

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082525\
 Data File : VR026763.D
 Acq On : 25 Aug 2025 16:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

Quant Time: Aug 25 22:52:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 21 08:59:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.407	168	1747951	50.000	ug/l	0.02
33) 1,4-Difluorobenzene	8.405	114	2839325	50.000	ug/l	0.02
62) Chlorobenzene-d5	11.576	117	2293864	50.000	ug/l	0.01
71) 1,4-Dichlorobenzene-d4	13.774	152	759082	50.000	ug/l	0.02
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.786	65	1096473	49.951	ug/l	0.02
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.900%		
34) Dibromofluoromethane	7.311	113	926513	50.032	ug/l	0.02
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.060%		
49) Toluene-d8	10.087	98	3240720	52.201	ug/l	0.01
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.400%		
61) 4-Bromofluorobenzene	12.702	95	916716	52.042	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.827	85	706977	42.802	ug/l	98
3) Chloromethane	1.827	50	83421	42.449	ug/l #	99
4) Vinyl Chloride	2.129	62	1214645	44.691	ug/l	99
5) Bromomethane	2.453	94	310510	37.213	ug/l	100
6) Chloroethane	2.575	64	708822	52.521	ug/l	96
7) Trichlorofluoromethane	2.873	101	2523760	47.902	ug/l	99
8) Diethyl Ether	3.248	74	791615	46.970	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.553	101	1004273	47.703	ug/l	98
10) Methyl Iodide	3.727	142	1097222	49.038	ug/l	99
11) Tert butyl alcohol	4.526	59	786650	233.111	ug/l #	83
12) 1,1-Dichloroethene	3.534	96	1107374	48.471	ug/l	99
13) Acrolein	3.425	56	369098	179.665	ug/l	95
14) Allyl chloride	4.067	41	2089985	49.640	ug/l	100
15) Acrylonitrile	4.673	53	3589791	248.729	ug/l	99
16) Acetone	3.624	43	2666301	229.472	ug/l	100
17) Carbon Disulfide	3.816	76	2660070	47.942	ug/l	99
18) Methyl Acetate	4.080	43	1726769	51.014	ug/l	99
19) Methyl tert-butyl Ether	4.741	73	3762883	51.930	ug/l	97
20) Methylene Chloride	4.269	84	1175638	47.435	ug/l	98
21) trans-1,2-Dichloroethene	4.718	96	1195841	50.063	ug/l	99
22) Diisopropyl ether	5.633	45	4506794	52.031	ug/l	99
23) Vinyl Acetate	5.562	43	14057484	347.707	ug/l #	88
24) 1,1-Dichloroethane	5.504	63	2108793	49.474	ug/l	100
25) 2-Butanone	6.515	43	4597116	254.820	ug/l	97
26) 2,2-Dichloropropane	6.493	77	1612145	55.209	ug/l	99
27) cis-1,2-Dichloroethene	6.502	96	1411054	52.193	ug/l	99
28) Bromochloromethane	6.878	49	545973	43.279	ug/l #	18
29) Chloroform	7.077	83	1991143	51.993	ug/l	99
30) Cyclohexane	7.388	56	2145792	47.738	ug/l	98
31) 1,1,1-Trichloroethane	7.292	97	1662093	53.448	ug/l	99
35) 1,1-Dichloropropene	7.536	75	1494157	51.811	ug/l	99
36) Ethyl Acetate	6.621	43	1844624	49.998	ug/l	99
37) Carbon Tetrachloride	7.513	117	1404652	54.126	ug/l	99
38) Methylcyclohexane	8.957	83	1824510	50.558	ug/l	99
39) Benzene	7.802	78	4804482	54.267	ug/l	94
40) Methacrylonitrile	6.862	41	943330	49.023	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.892	62	1254226	51.093	ug/l	100
42) Isopropyl Acetate	7.956	43	2840843	54.313	ug/l	98
43) Trichloroethene	8.681	130	957593	49.577	ug/l	98
44) 1,2-Dichloropropane	8.986	63	1095373	51.681	ug/l	98
45) Dibromomethane	9.089	93	704568	52.329	ug/l	99
46) Bromodichloromethane	9.307	83	1340077	53.470	ug/l	99
47) Methyl methacrylate	9.095	41	1383482	54.192	ug/l	99
48) 1,4-Dioxane	9.095	88	334340	1019.467	ug/l	99
50) 4-Methyl-2-Pentanone	9.971	43	6776896	323.696	ug/l	92
51) Toluene	10.160	92	2712207	53.648	ug/l	91
52) t-1,3-Dichloropropene	10.411	75	1333673	56.185	ug/l	97
53) cis-1,3-Dichloropropene	9.801	75	1569123	54.488	ug/l	98
54) 1,1,2-Trichloroethane	10.616	97	929650	51.807	ug/l	98
55) Ethyl methacrylate	10.475	69	1687242	54.665	ug/l	100
56) 1,3-Dichloropropane	10.777	76	1585561	52.423	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.641	63	480174	236.162	ug/l	100
58) 2-Hexanone	10.838	43	5098464	288.466	ug/l	93
59) Dibromochloromethane	10.998	129	910922	53.969	ug/l	99
60) 1,2-Dibromoethane	11.117	107	852164	52.545	ug/l	99
63) Tetrachloroethene	10.700	164	777469	48.239	ug/l	96
64) Chlorobenzene	11.604	112	2676534	52.434	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.691	131	914732	53.372	ug/l	100
66) Ethyl Benzene	11.698	91	4756897	55.736	ug/l	86
67) m/p-Xylenes	11.823	106	3992854	111.803	ug/l	88
68) o-Xylene	12.192	106	1928046	53.279	ug/l	91
69) Styrene	12.208	104	3068722	57.627	ug/l	96
70) Bromoform	12.387	173	524458	56.750	ug/l #	100
72) Isopropylbenzene	12.535	105	4273069	51.859	ug/l	94
73) N-amyl acetate	12.330	43	1752060	58.897	ug/l	98
74) 1,1,2,2-Tetrachloroethane	12.817	83	1231264	52.201	ug/l	100
75) 1,2,3-Trichloropropane	12.872	75	918445m	49.084	ug/l	
76) Bromobenzene	12.846	156	902034	50.014	ug/l	100
77) n-propylbenzene	12.923	91	4602244	52.099	ug/l	95
78) 2-Chlorotoluene	13.016	91	2752084	52.754	ug/l	98
79) 1,3,5-Trimethylbenzene	13.081	105	3300908	53.647	ug/l	96
80) trans-1,4-Dichloro-2-b...	12.590	75	353944	47.721	ug/l	100
81) 4-Chlorotoluene	13.126	91	2557029	53.495	ug/l	99
82) tert-Butylbenzene	13.379	119	3033709	52.737	ug/l	95
83) 1,2,4-Trimethylbenzene	13.427	105	3096820	55.197	ug/l	97
84) sec-Butylbenzene	13.578	105	3938438	53.228	ug/l	96
85) p-Isopropyltoluene	13.710	119	3140254	54.617	ug/l	97
86) 1,3-Dichlorobenzene	13.703	146	1367941	51.071	ug/l	99
87) 1,4-Dichlorobenzene	13.793	146	1297480	50.279	ug/l	100
88) n-Butylbenzene	14.075	91	2107282	51.296	ug/l	98
89) Hexachloroethane	14.377	117	519203	55.674	ug/l	99
90) 1,2-Dichlorobenzene	14.123	146	1078838	47.961	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	14.817	75	110421	47.821	ug/l	98
92) 1,2,4-Trichlorobenzene	15.587	180	712278	48.195	ug/l	99
93) Hexachlorobutadiene	15.709	225	226014	46.397	ug/l	99
94) Naphthalene	15.866	128	2033573	48.122	ug/l	100
95) 1,2,3-Trichlorobenzene	16.097	180	693637	48.369	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

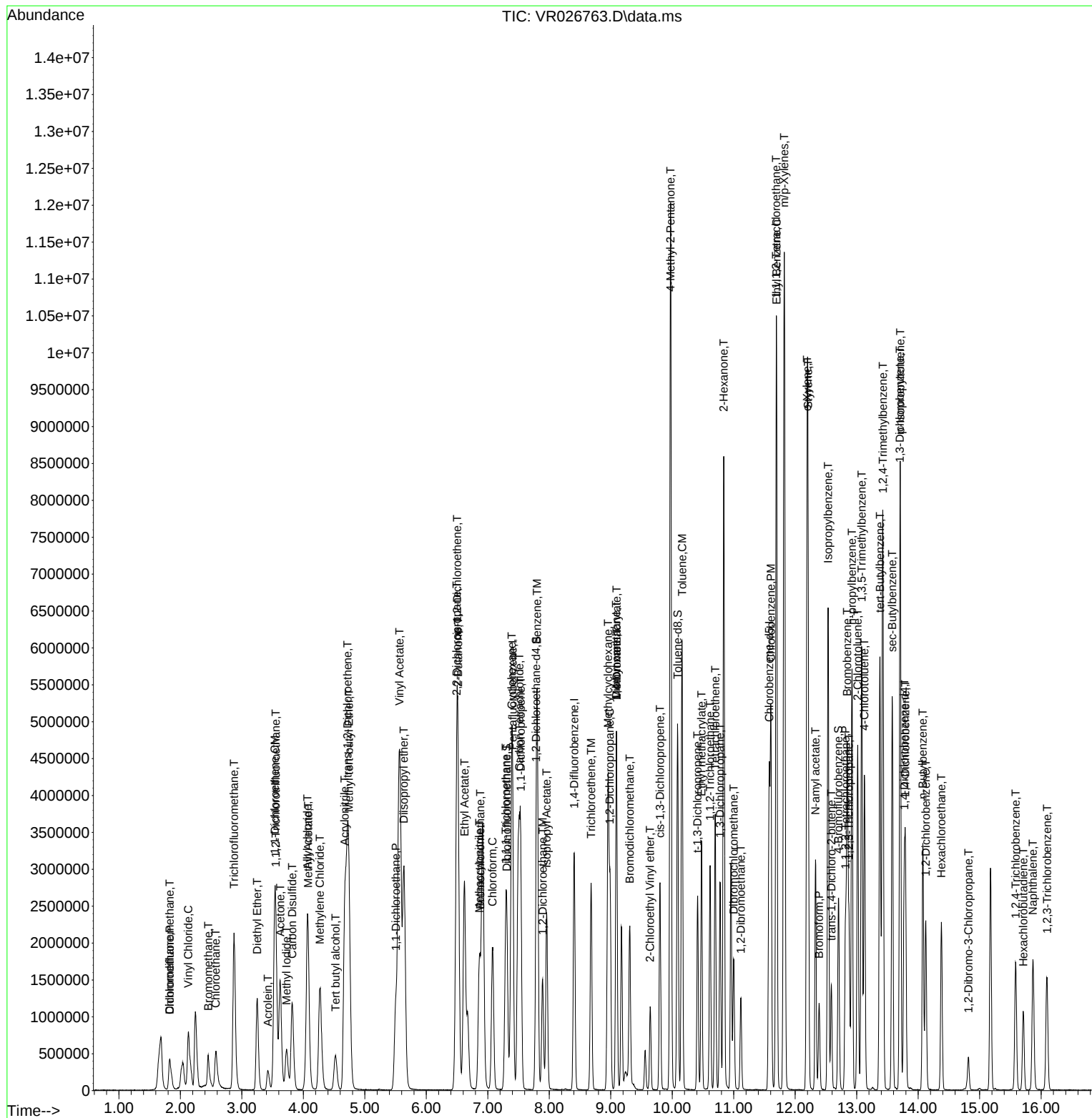
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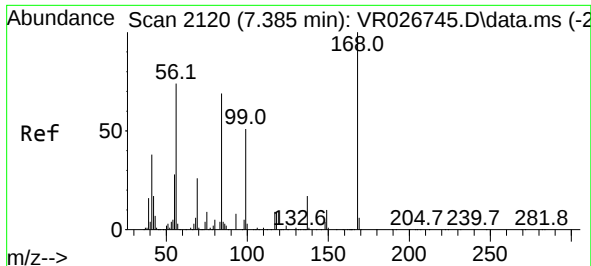
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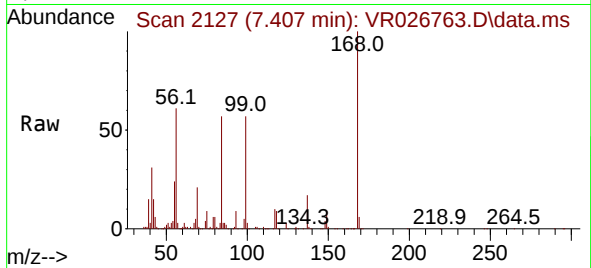
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.407 min Scan# 2120
Delta R.T. 0.022 min
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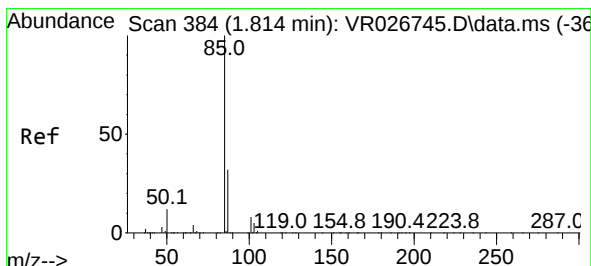
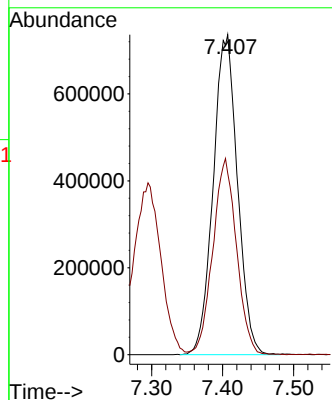
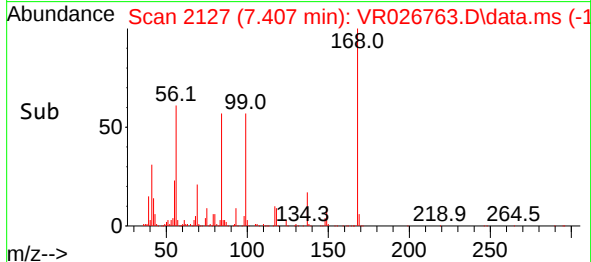
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Tgt Ion:168 Resp: 174795
Ion Ratio Lower Upper
168 100
99 56.6 47.1 70.7

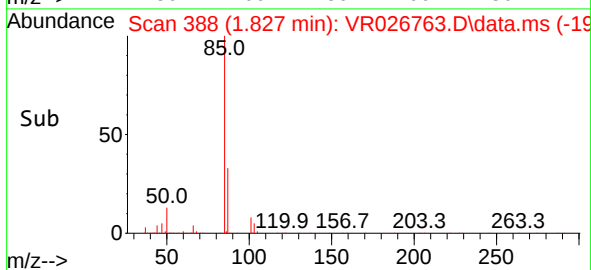
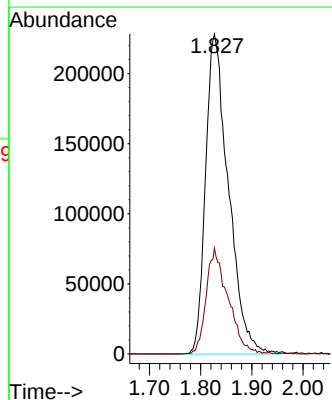
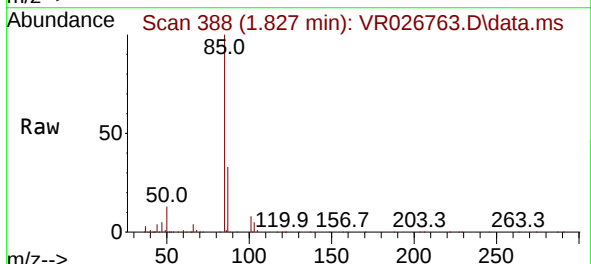
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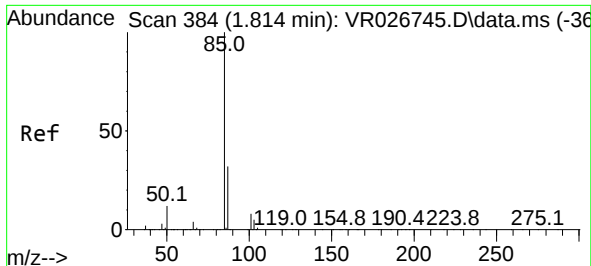
Reviewed By :Mahesh Dadoda 08/26/2025
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#2
Dichlorodifluoromethane
Concen: 42.802 ug/l
RT: 1.827 min Scan# 388
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

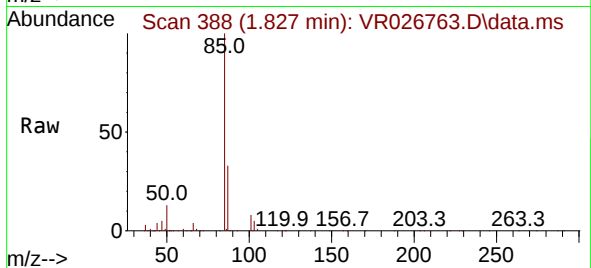
Tgt Ion: 85 Resp: 706977
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2





#3
Chloromethane
Concen: 42.449 ug/l
RT: 1.827 min Scan# 388
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

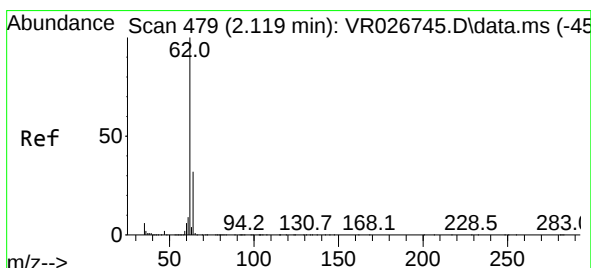
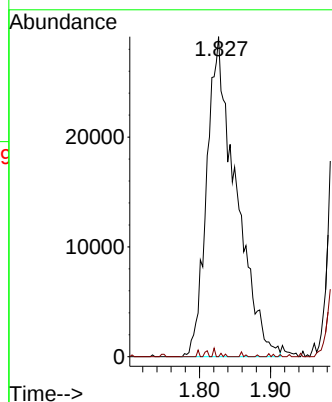
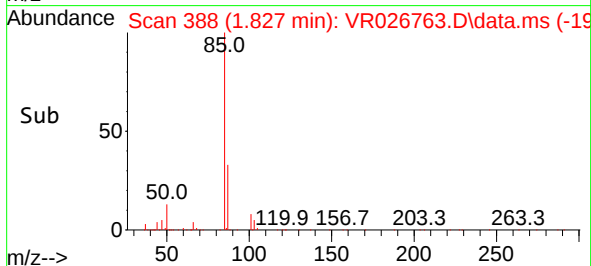
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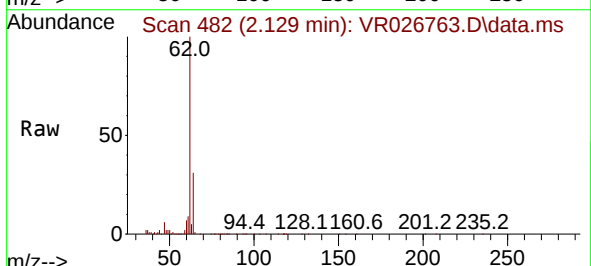
Tgt Ion: 50 Resp: 8342
Ion Ratio Lower Upper
50 100
52 1.4 0.6 1.0

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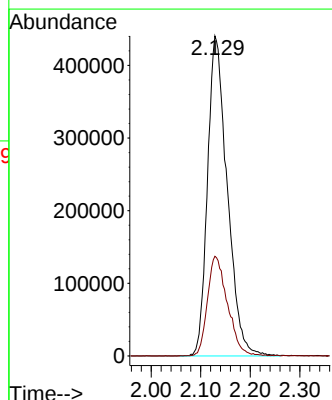
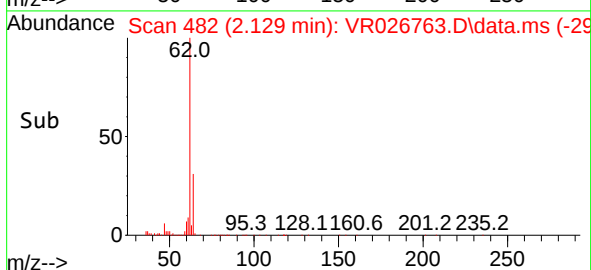
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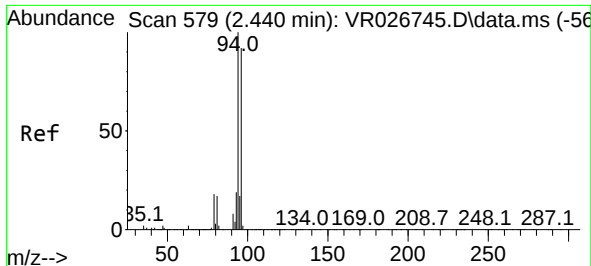


#4
Vinyl Chloride
Concen: 44.691 ug/l
RT: 2.129 min Scan# 482
Delta R.T. 0.010 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12



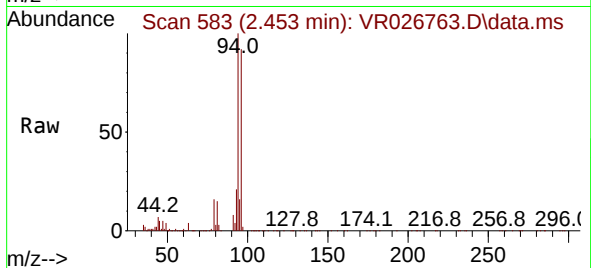
Tgt Ion: 62 Resp: 1214645
Ion Ratio Lower Upper
62 100
64 31.1 25.5 38.3





#5
Bromomethane
Concen: 37.213 ug/l
RT: 2.453 min Scan# 583
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

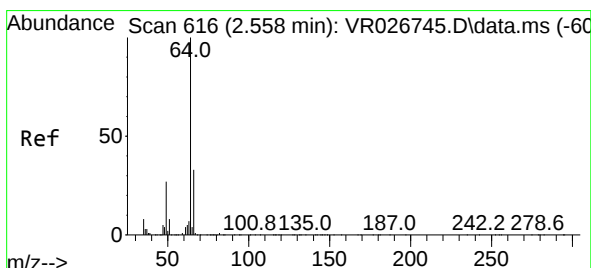
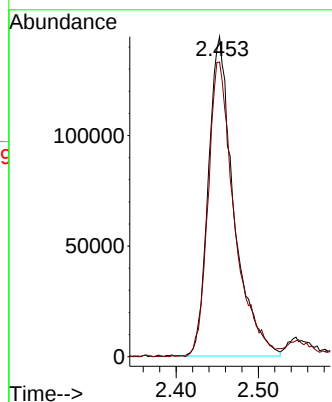
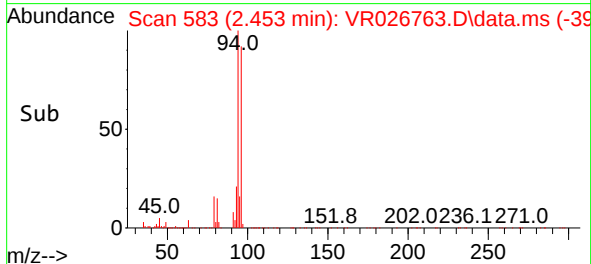
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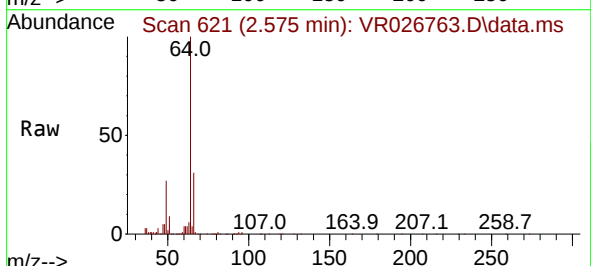
Tgt Ion: 94 Resp: 310510
Ion Ratio Lower Upper
94 100
96 91.9 73.8 110.6

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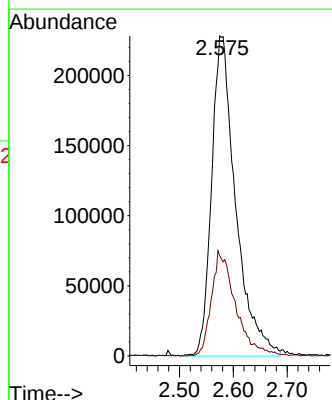
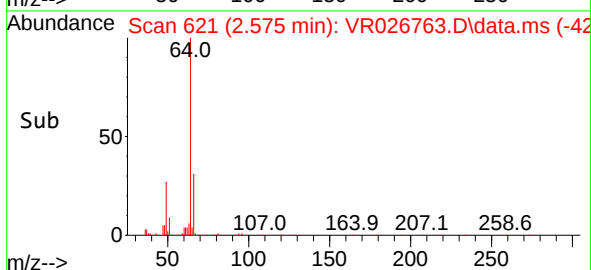
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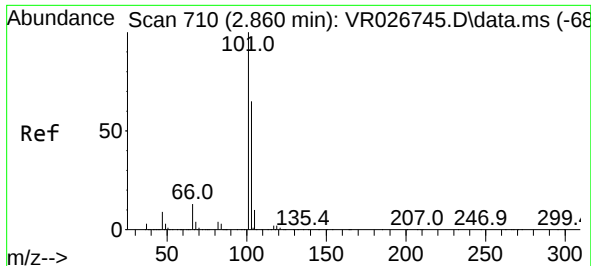


#6
Chloroethane
Concen: 52.521 ug/l
RT: 2.575 min Scan# 621
Delta R.T. 0.017 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12



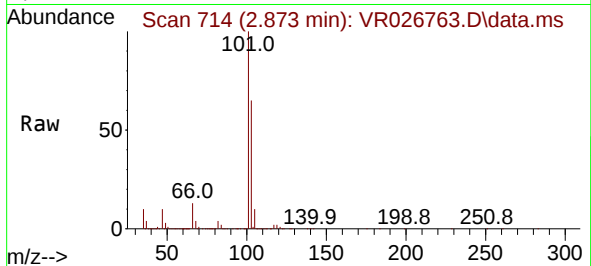
Tgt Ion: 64 Resp: 708822
Ion Ratio Lower Upper
64 100
66 31.3 26.6 40.0





#7
Trichlorofluoromethane
Concen: 47.902 ug/l
RT: 2.873 min Scan# 710
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

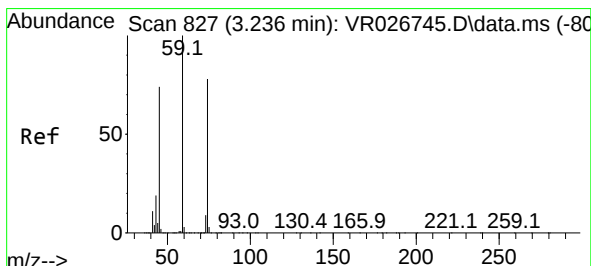
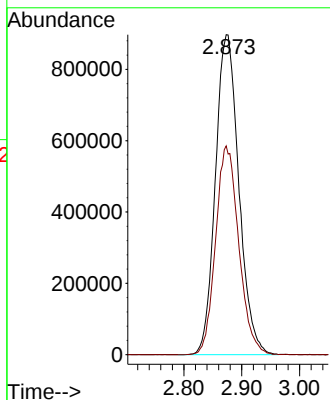
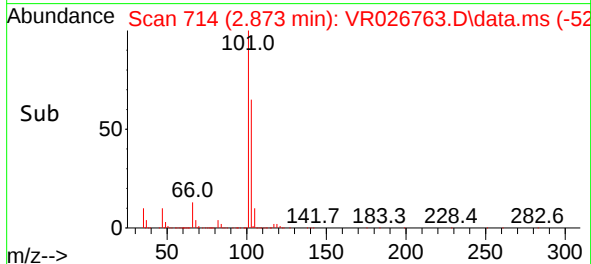
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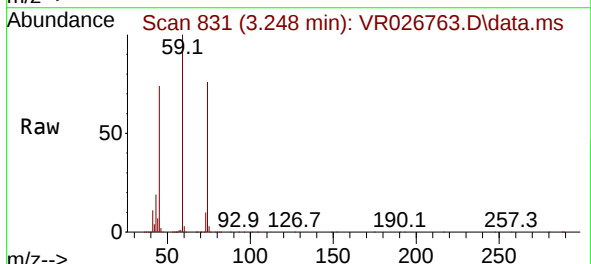
Tgt Ion:101 Resp: 2523760
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

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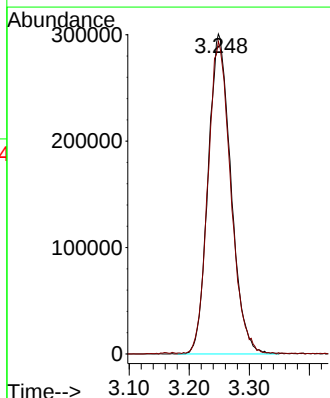
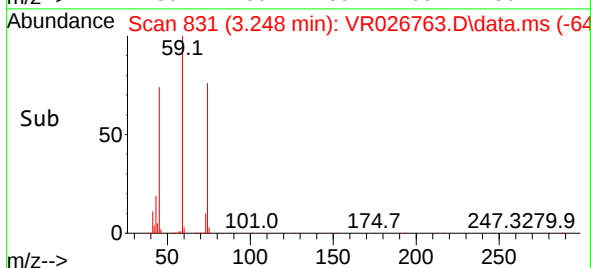
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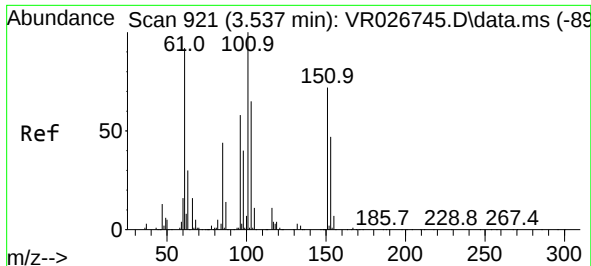


#8
Diethyl Ether
Concen: 46.970 ug/l
RT: 3.248 min Scan# 831
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12



Tgt Ion: 74 Resp: 791615
Ion Ratio Lower Upper
74 100
45 98.1 47.5 142.6





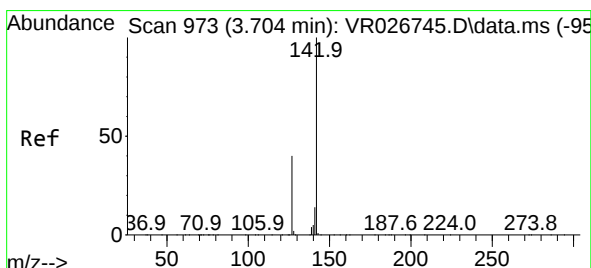
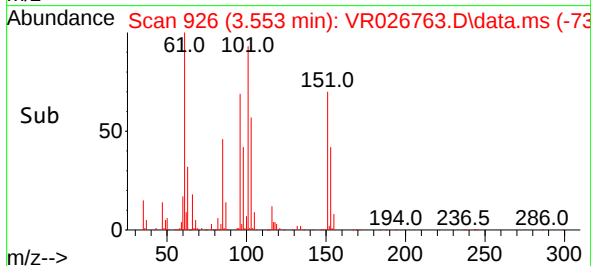
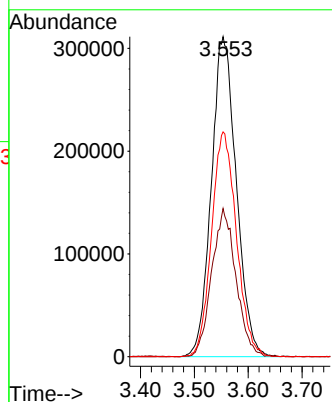
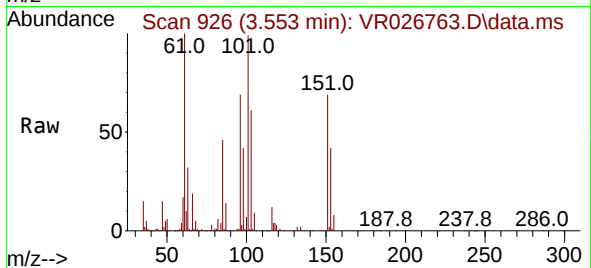
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.703 ug/l
RT: 3.553 min Scan# 91
Delta R.T. 0.016 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 100427
Ion Ratio Lower Upper
101 100
85 44.9 35.4 53.0
151 70.0 57.2 85.8

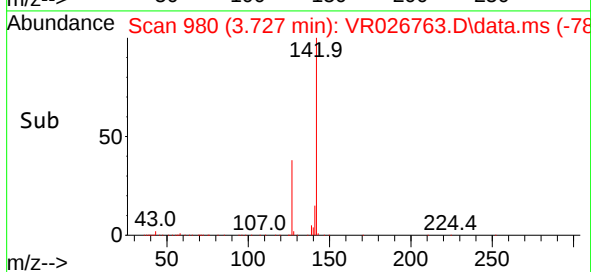
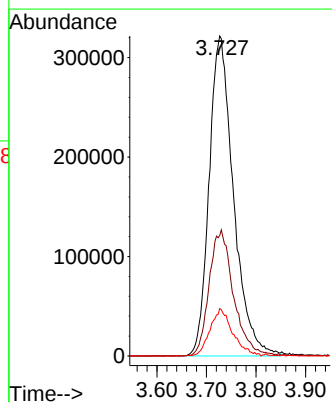
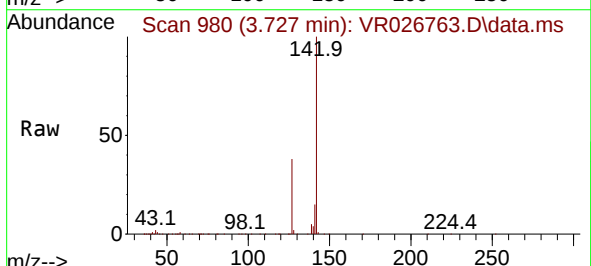
Manual Integrations
APPROVED

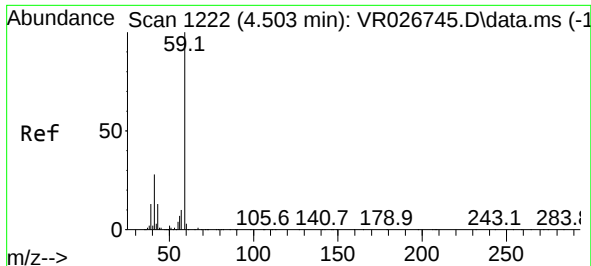
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#10
Methyl Iodide
Concen: 49.038 ug/l
RT: 3.727 min Scan# 980
Delta R.T. 0.023 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

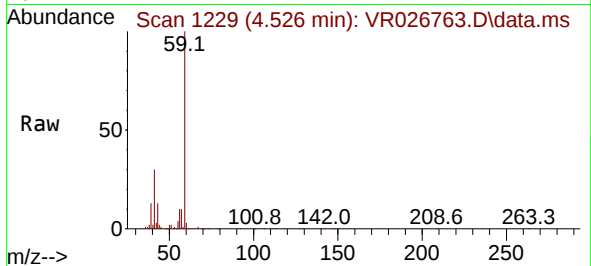
Tgt Ion:142 Resp: 1097222
Ion Ratio Lower Upper
142 100
127 39.4 31.0 46.4
141 13.8 10.9 16.3





#11
Tert butyl alcohol
Concen: 233.111 ug/l
RT: 4.526 min Scan# 11
Delta R.T. 0.023 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

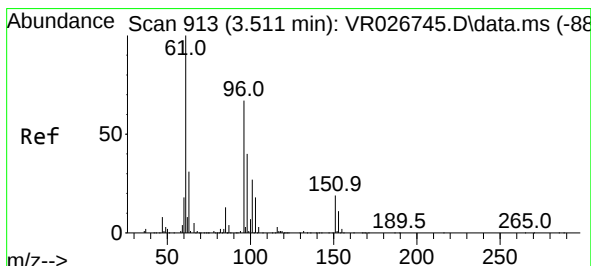
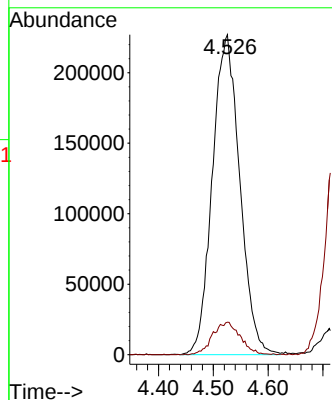
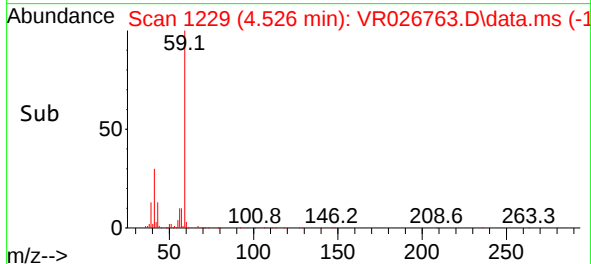
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



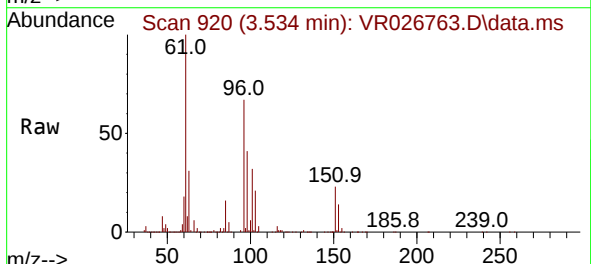
Tgt Ion: 59 Resp: 786650
Ion Ratio Lower Upper
59 100
57 10.3 3.8 5.8

Manual Integrations
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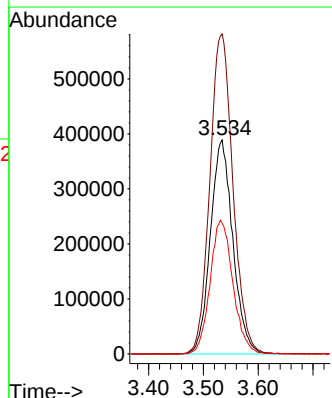
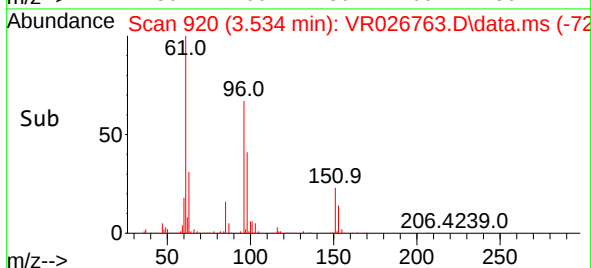
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

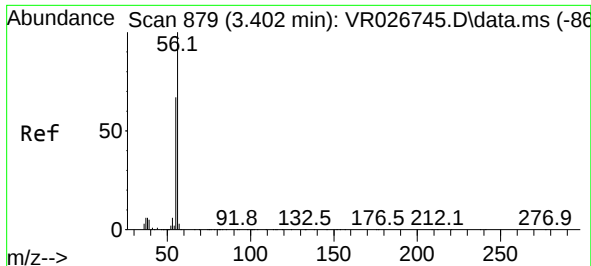


#12
1,1-Dichloroethene
Concen: 48.471 ug/l
RT: 3.534 min Scan# 920
Delta R.T. 0.023 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12



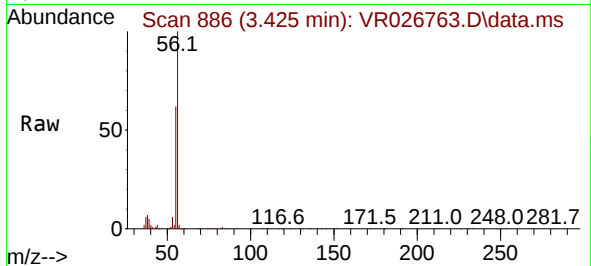
Tgt Ion: 96 Resp: 1107374
Ion Ratio Lower Upper
96 100
61 149.6 118.7 178.1
98 61.0 47.7 71.5





#13
Acrolein
Concen: 179.665 ug/l
RT: 3.425 min Scan# 879
Delta R.T. 0.023 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

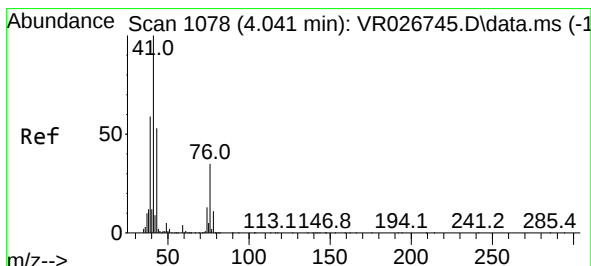
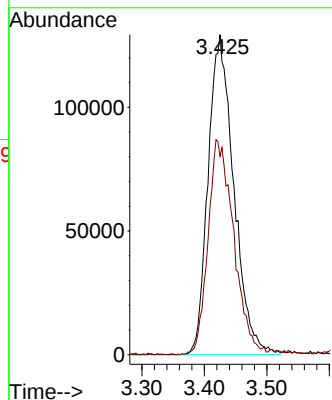
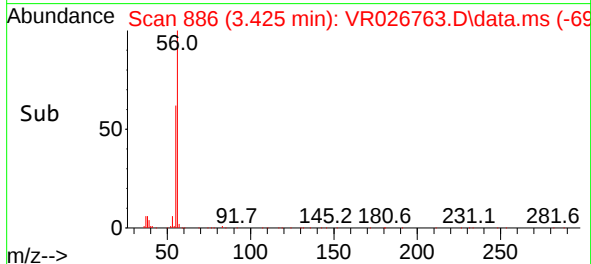
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



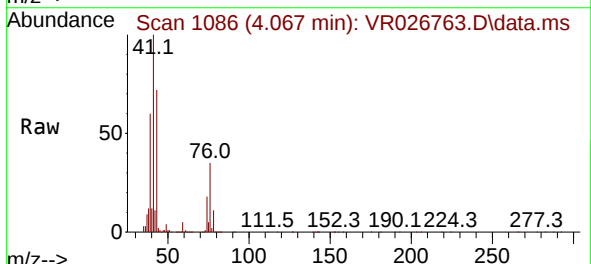
Tgt Ion: 56 Resp: 369098
Ion Ratio Lower Upper
56 100
55 67.2 56.9 85.3

Manual Integrations
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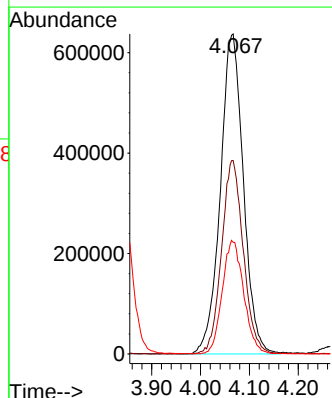
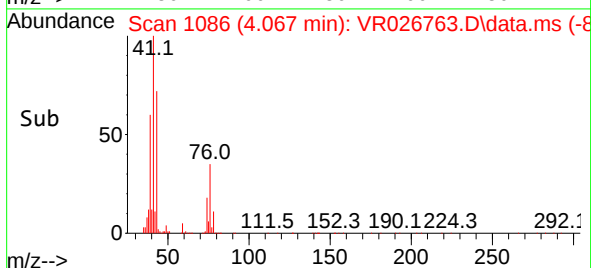
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

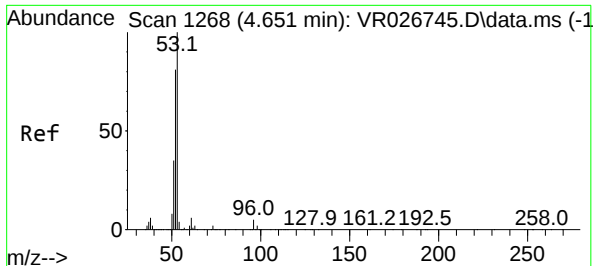


#14
Allyl chloride
Concen: 49.640 ug/l
RT: 4.067 min Scan# 1086
Delta R.T. 0.026 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12



Tgt Ion: 41 Resp: 2089985
Ion Ratio Lower Upper
41 100
39 57.0 45.8 68.6
76 32.9 26.4 39.6





#15

Acrylonitrile

Concen: 248.729 ug/l

RT: 4.673 min Scan# 11

Delta R.T. 0.022 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 358979

Ion Ratio Lower Upper

53 100

52 81.6 65.7 98.5

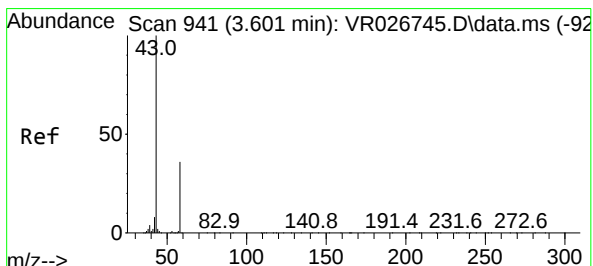
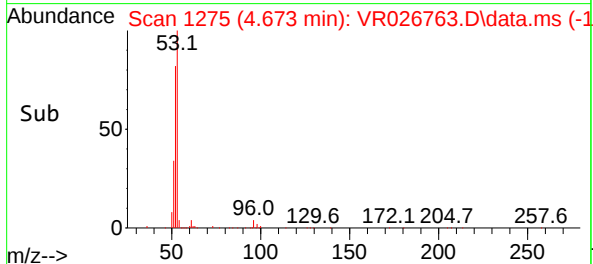
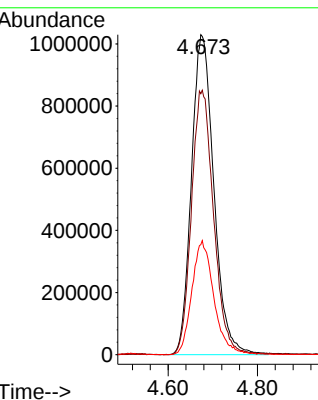
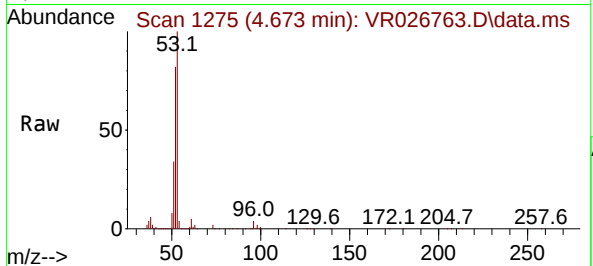
51 35.0 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#16

Acetone

Concen: 229.472 ug/l

RT: 3.624 min Scan# 948

Delta R.T. 0.023 min

Lab File: VR026763.D

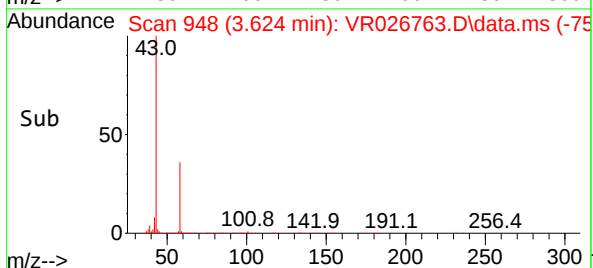
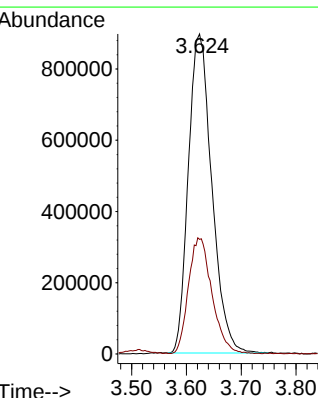
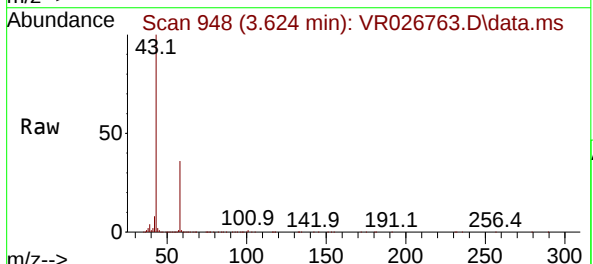
Acq: 25 Aug 2025 16:12

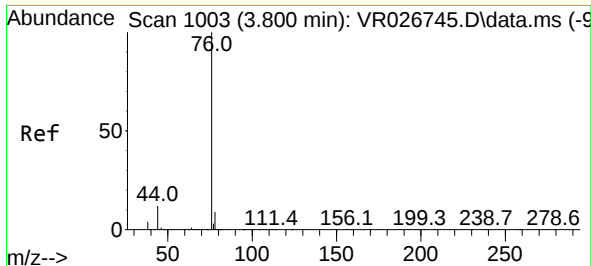
Tgt Ion: 43 Resp: 2666301

Ion Ratio Lower Upper

43 100

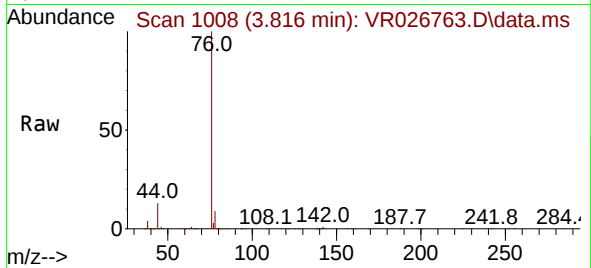
58 35.8 28.6 43.0





#17
Carbon Disulfide
Concen: 47.942 ug/l
RT: 3.816 min Scan# 1008
Delta R.T. 0.016 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

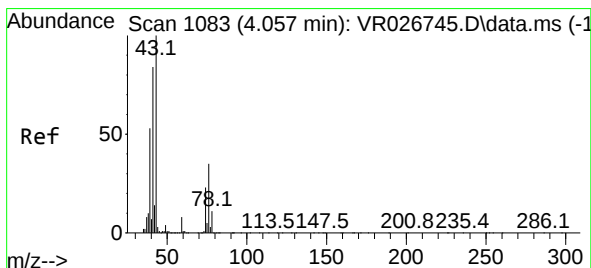
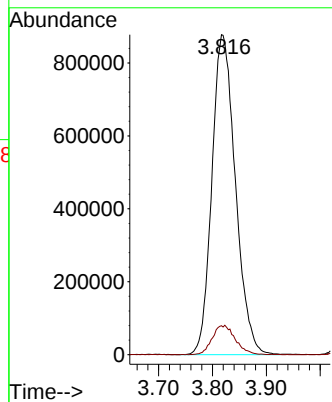
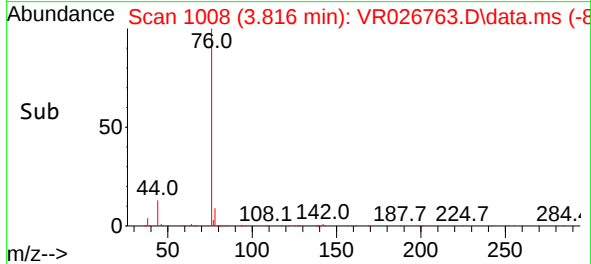
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 2660070
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

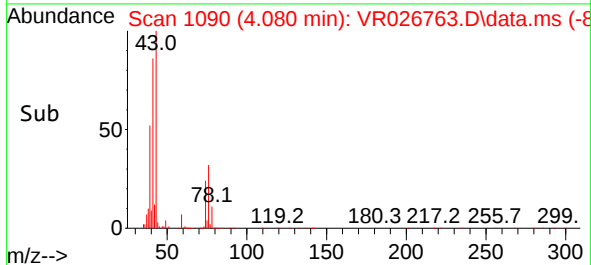
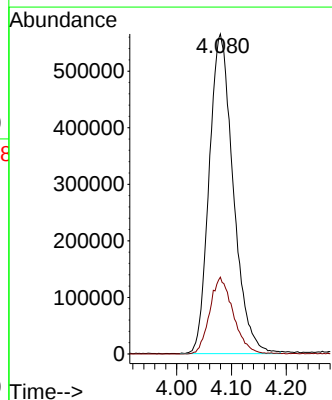
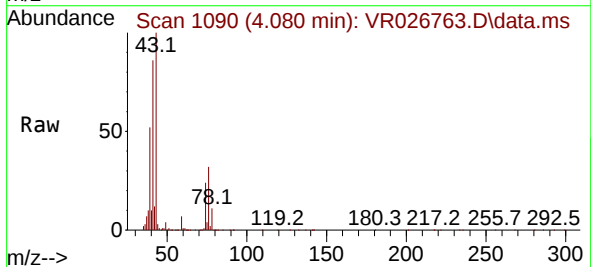
Manual Integrations
APPROVED

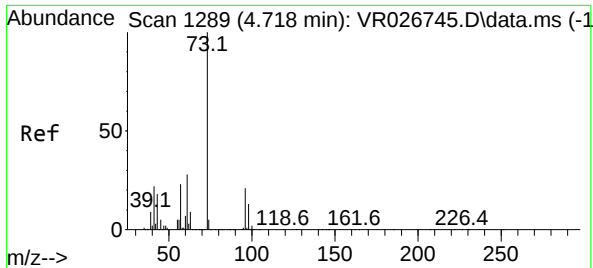
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#18
Methyl Acetate
Concen: 51.014 ug/l
RT: 4.080 min Scan# 1090
Delta R.T. 0.023 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

Tgt Ion: 43 Resp: 1726769
Ion Ratio Lower Upper
43 100
74 23.3 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 51.930 ug/l

RT: 4.741 min Scan# 1296

Delta R.T. 0.023 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 376288

Ion Ratio Lower Upper

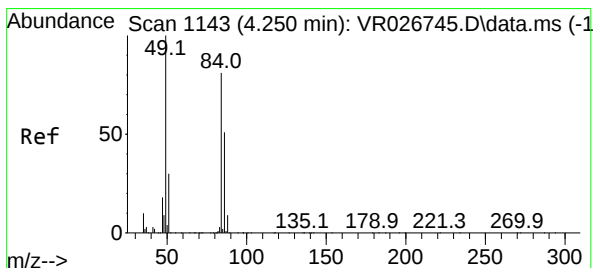
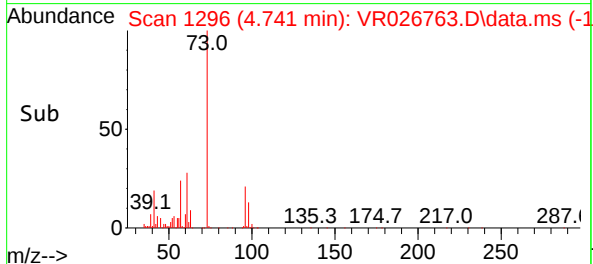
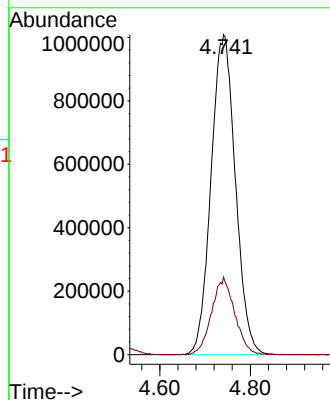
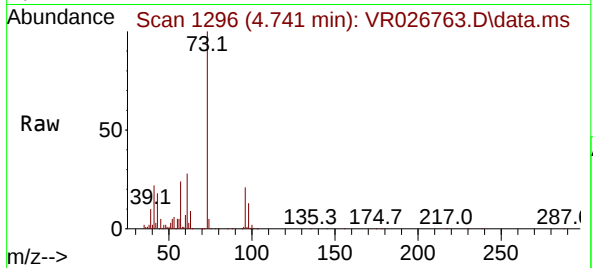
73 100

57 24.2 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#20

Methylene Chloride

Concen: 47.435 ug/l

RT: 4.269 min Scan# 1149

Delta R.T. 0.019 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

Tgt Ion: 84 Resp: 1175638

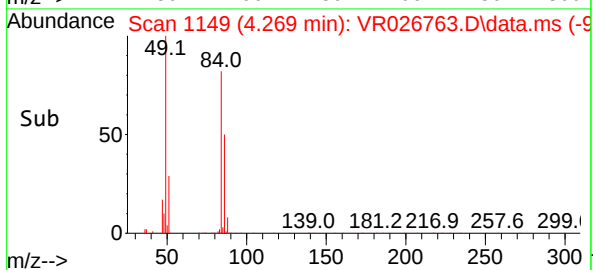
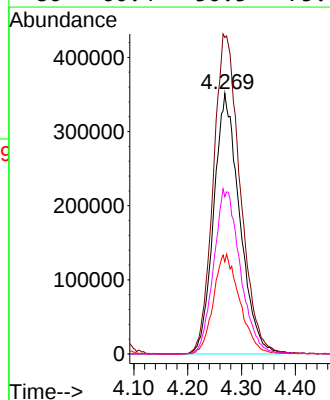
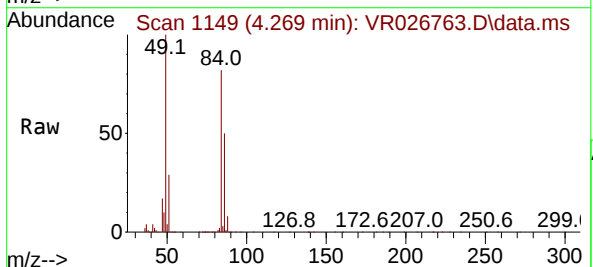
Ion Ratio Lower Upper

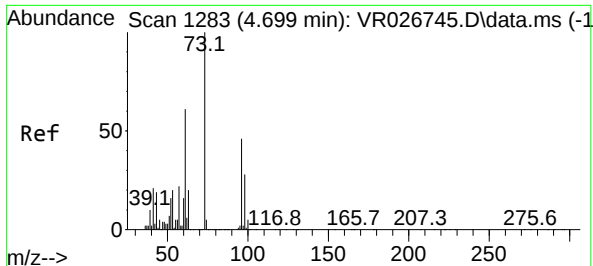
84 100

49 121.3 98.8 148.2

51 35.4 29.4 44.2

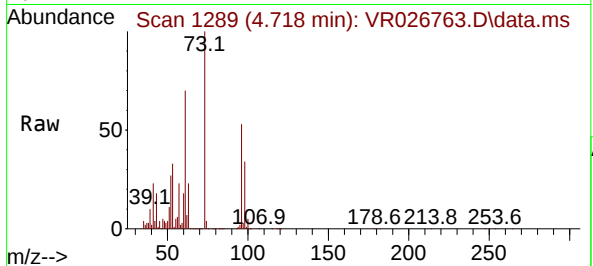
86 60.4 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 50.063 ug/l
RT: 4.718 min Scan# 119584
Delta R.T. 0.019 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

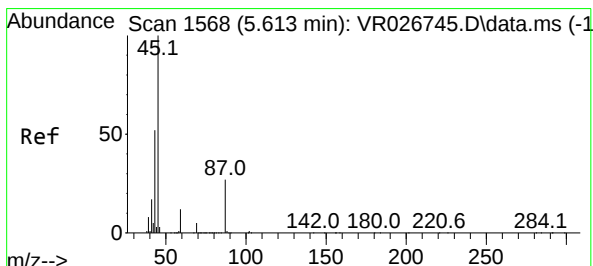
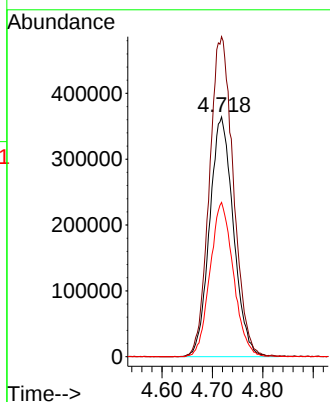
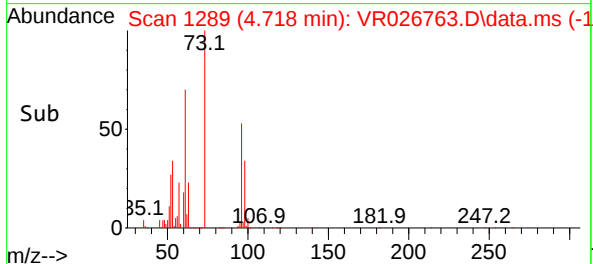
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 119584
Ion Ratio Lower Upper
96 100
61 133.5 107.1 160.7
98 64.4 49.7 74.5

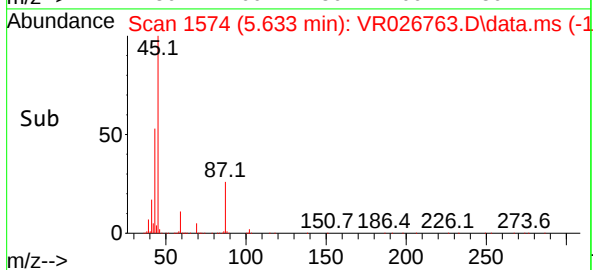
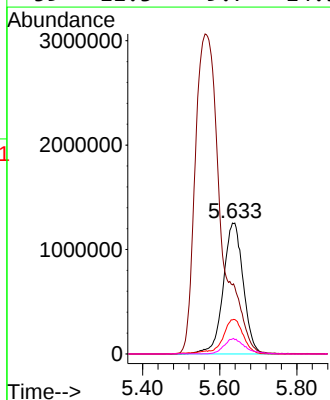
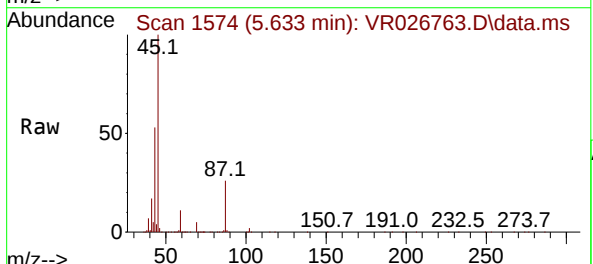
Manual Integrations
APPROVED

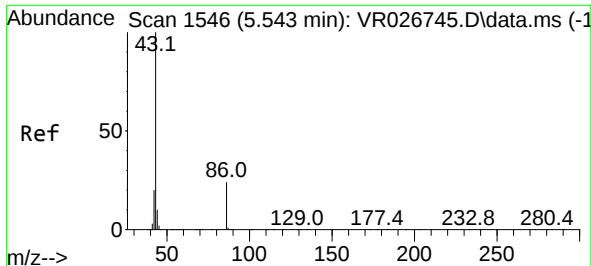
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#22
Diisopropyl ether
Concen: 52.031 ug/l
RT: 5.633 min Scan# 1574
Delta R.T. 0.019 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

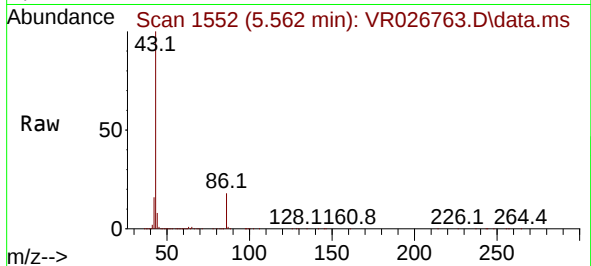
Tgt Ion: 45 Resp: 4506794
Ion Ratio Lower Upper
45 100
43 52.5 41.8 62.8
87 26.0 21.7 32.5
59 11.3 9.7 14.5





#23
 Vinyl Acetate
 Concen: 347.707 ug/l
 RT: 5.562 min Scan# 11
 Delta R.T. 0.019 min
 Lab File: VR026763.D
 Acq: 25 Aug 2025 16:12

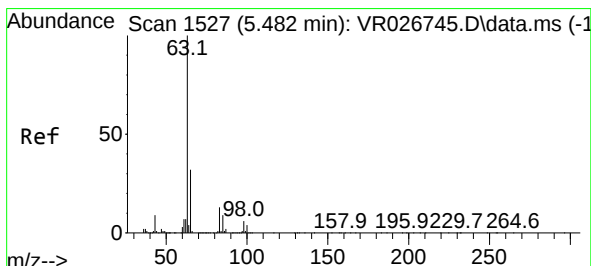
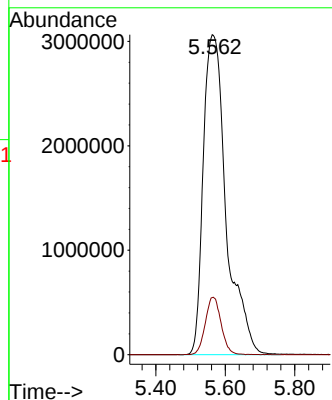
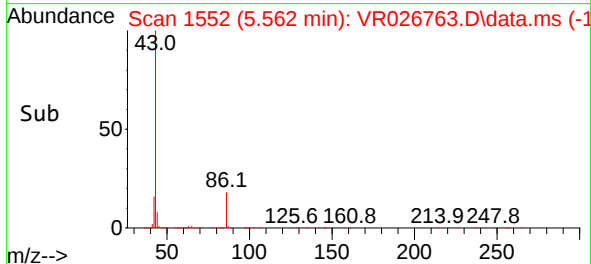
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC



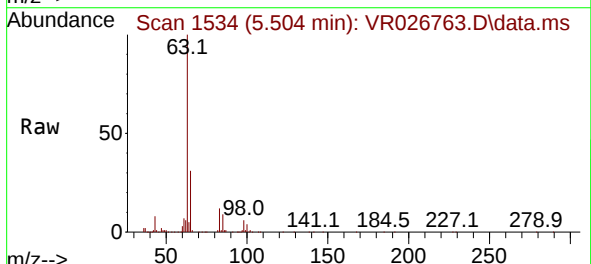
Tgt Ion: 43 Resp:14057484
 Ion Ratio Lower Upper
 43 100
 86 17.9 18.9 28.3

Manual Integrations
 APPROVED

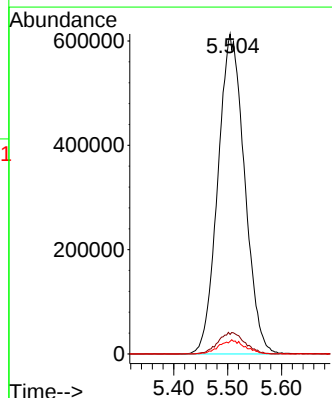
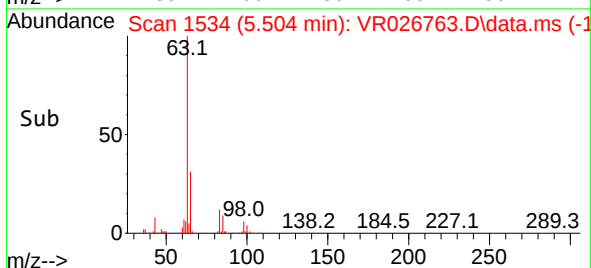
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

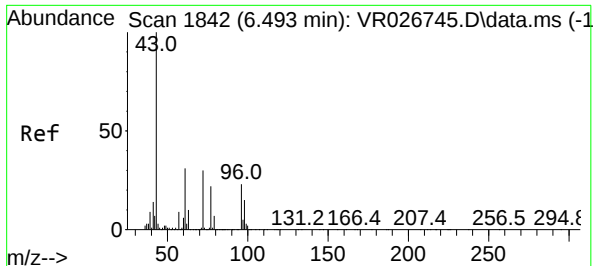


#24
 1,1-Dichloroethane
 Concen: 49.474 ug/l
 RT: 5.504 min Scan# 1534
 Delta R.T. 0.023 min
 Lab File: VR026763.D
 Acq: 25 Aug 2025 16:12



Tgt Ion: 63 Resp: 2108793
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.1 9.3
 100 4.0 2.1 6.2





#25

2-Butanone

Concen: 254.820 ug/l

RT: 6.515 min Scan# 1849

Delta R.T. 0.022 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 4597110

Ion Ratio Lower Upper

43 100

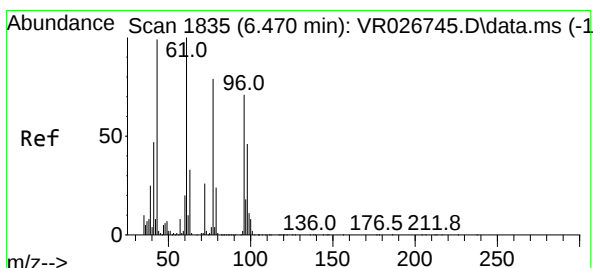
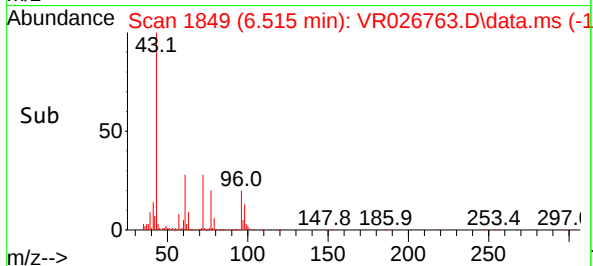
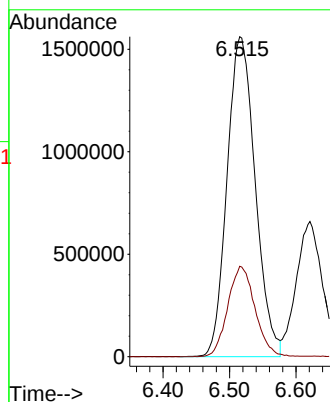
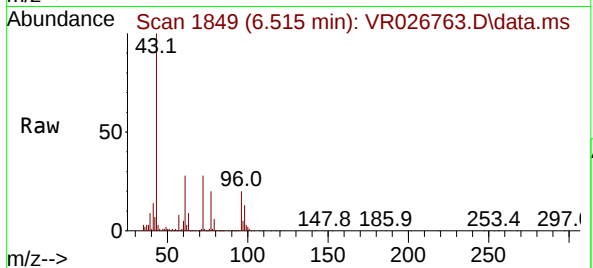
72 28.3 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#26

2,2-Dichloropropane

Concen: 55.209 ug/l

RT: 6.493 min Scan# 1842

Delta R.T. 0.023 min

Lab File: VR026763.D

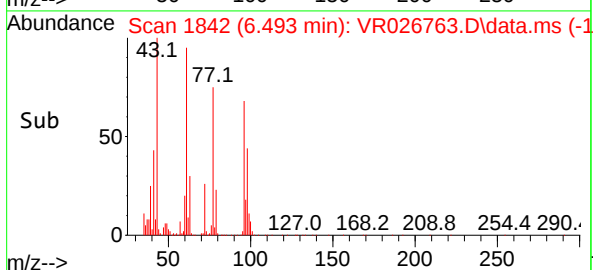
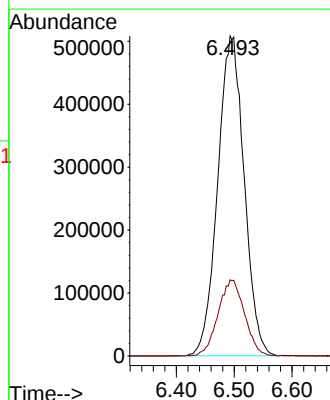
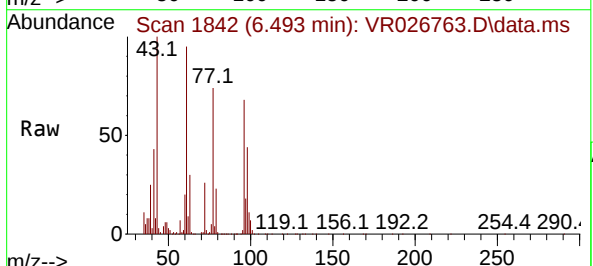
Acq: 25 Aug 2025 16:12

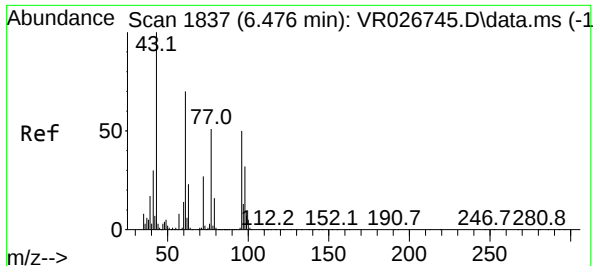
Tgt Ion: 77 Resp: 1612145

Ion Ratio Lower Upper

77 100

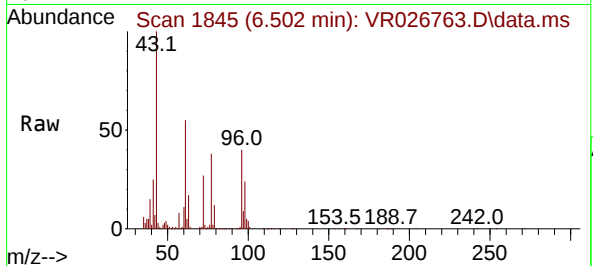
97 23.8 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 52.193 ug/l
RT: 6.502 min Scan# 1845
Delta R.T. 0.026 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

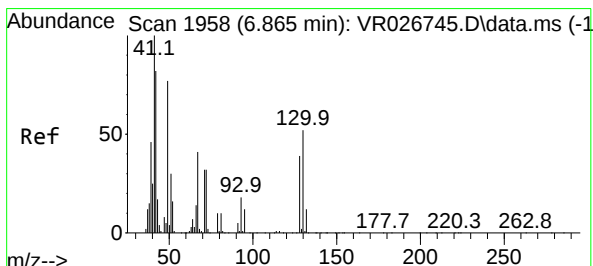
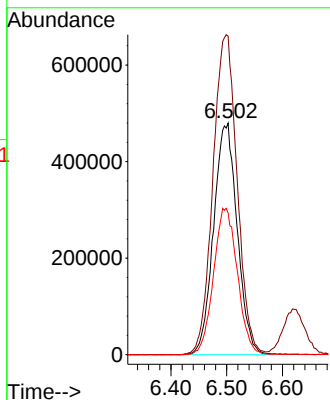
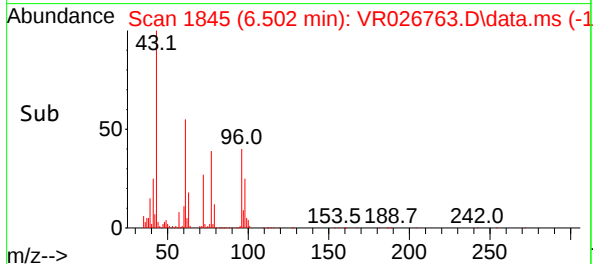
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 1411054
Ion Ratio Lower Upper
96 100
61 141.5 0.0 280.6
98 63.8 0.0 127.6

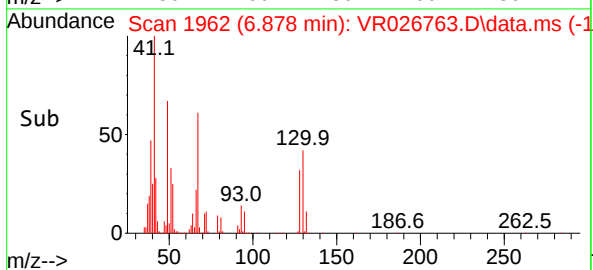
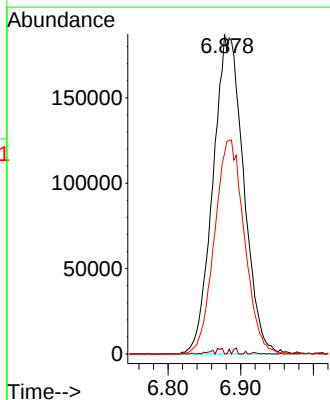
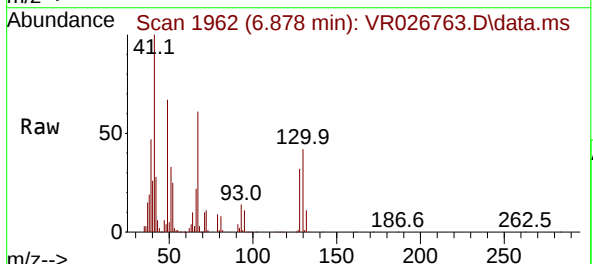
Manual Integrations
APPROVED

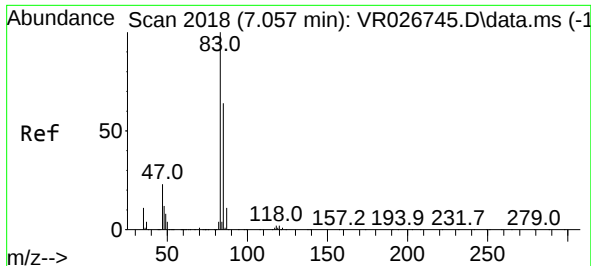
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#28
Bromochloromethane
Concen: 43.279 ug/l
RT: 6.878 min Scan# 1962
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

Tgt Ion: 49 Resp: 545973
Ion Ratio Lower Upper
49 100
129 0.6 0.0 1.6
130 0.0 53.4 80.2#





#29

Chloroform

Concen: 51.993 ug/l

RT: 7.077 min Scan# 2018

Delta R.T. 0.019 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 199114

Ion Ratio Lower Upper

83 100

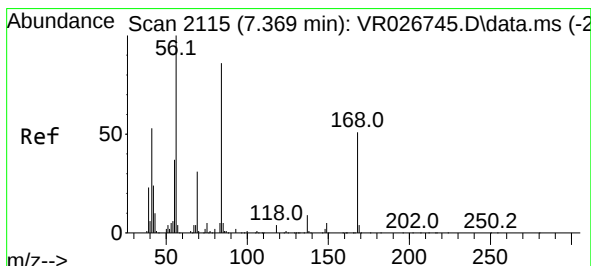
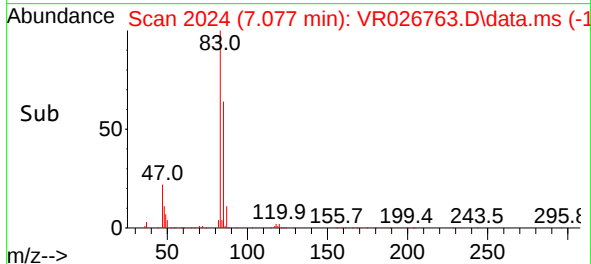
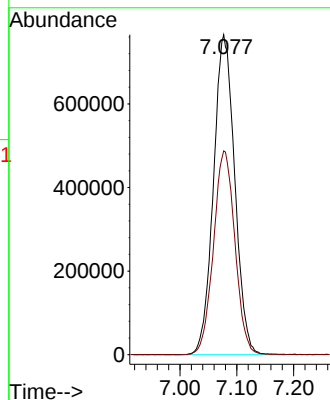
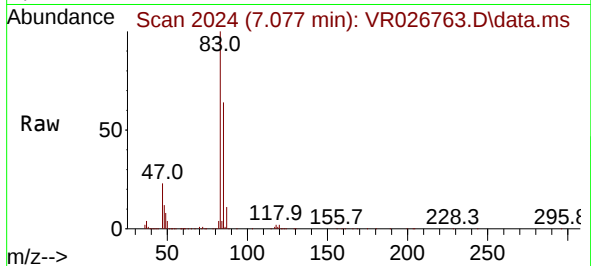
85 63.7 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#30

Cyclohexane

Concen: 47.738 ug/l

RT: 7.388 min Scan# 2121

Delta R.T. 0.019 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

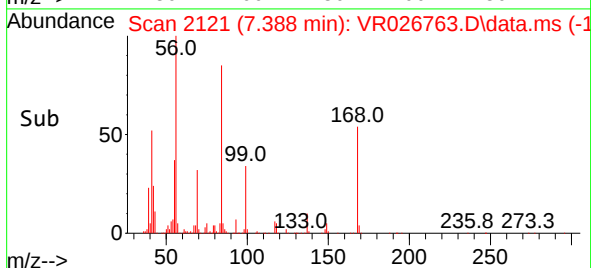
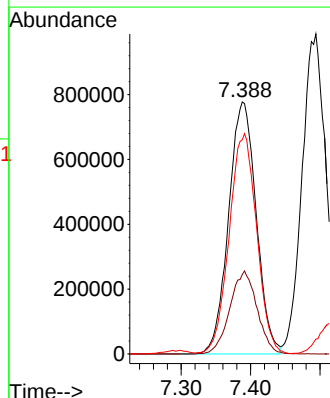
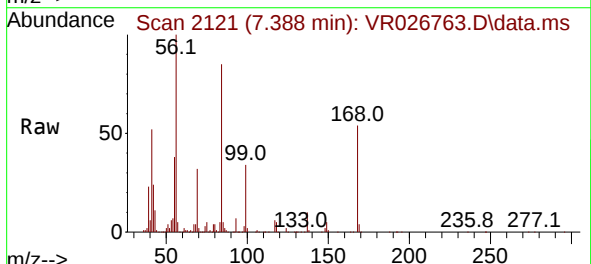
Tgt Ion: 56 Resp: 2145792

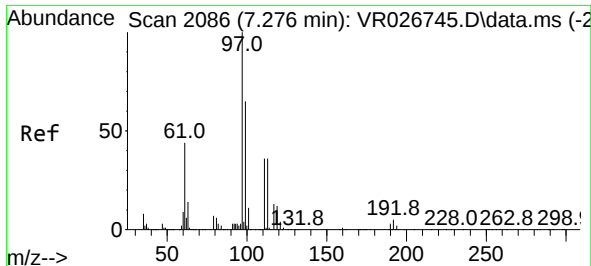
Ion Ratio Lower Upper

56 100

69 31.5 24.6 37.0

84 83.7 68.7 103.1





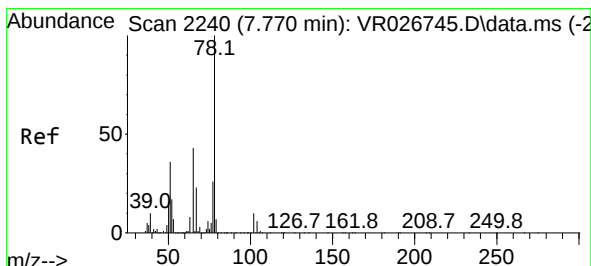
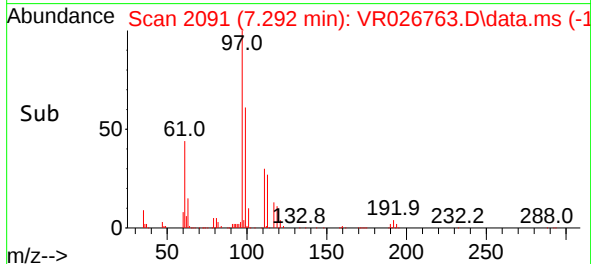
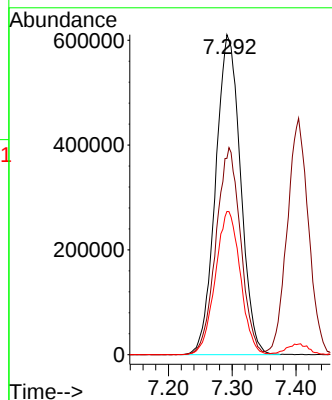
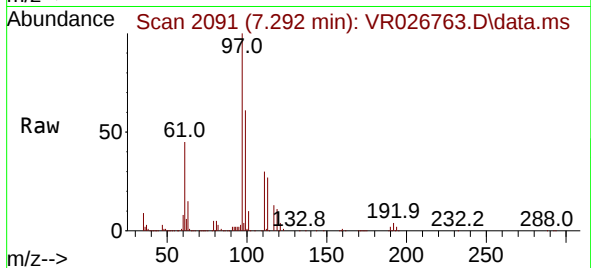
#31
 1,1,1-Trichloroethane
 Concen: 53.448 ug/l
 RT: 7.292 min Scan# 2086
 Delta R.T. 0.016 min
 Lab File: VR026763.D
 Acq: 25 Aug 2025 16:12

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 166209
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.0 76.4
 61 45.0 35.0 52.4

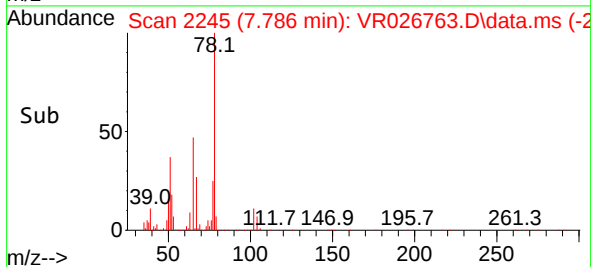
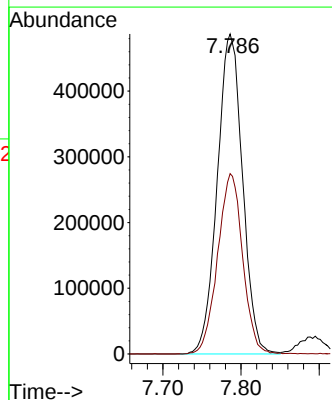
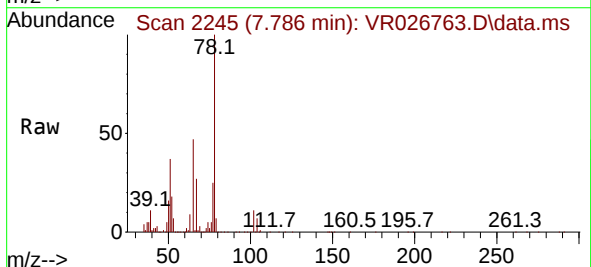
Manual Integrations
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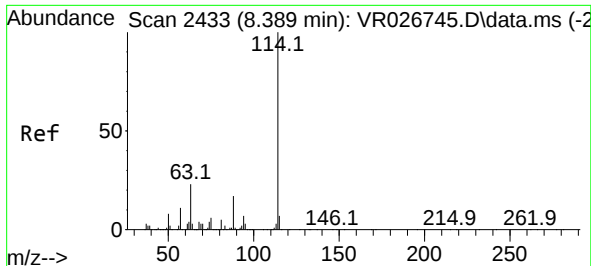
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025



#32
 1,2-Dichloroethane-d4
 Concen: 49.951 ug/l
 RT: 7.786 min Scan# 2245
 Delta R.T. 0.016 min
 Lab File: VR026763.D
 Acq: 25 Aug 2025 16:12

Tgt Ion: 65 Resp: 1096473
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.405 min Scan# 2433

Delta R.T. 0.016 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion:114 Resp: 283932

Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.8

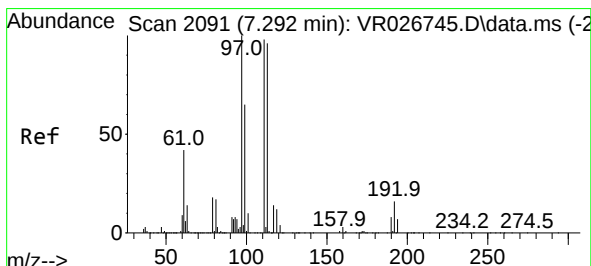
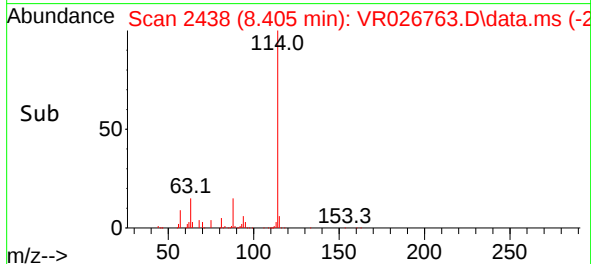
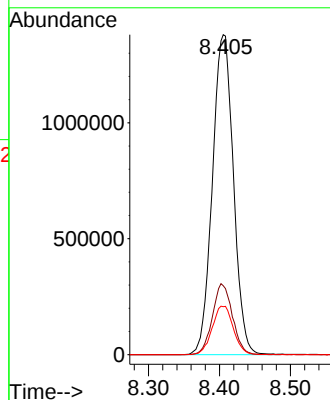
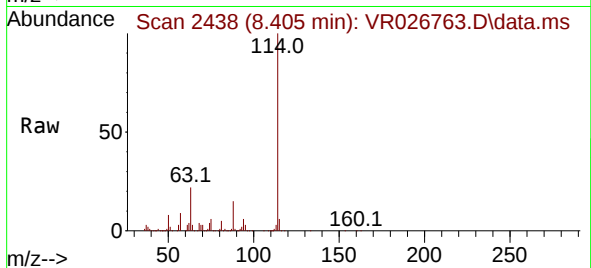
88 15.0 0.0 34.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#34

Dibromofluoromethane

Concen: 50.032 ug/l

RT: 7.311 min Scan# 2097

Delta R.T. 0.019 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

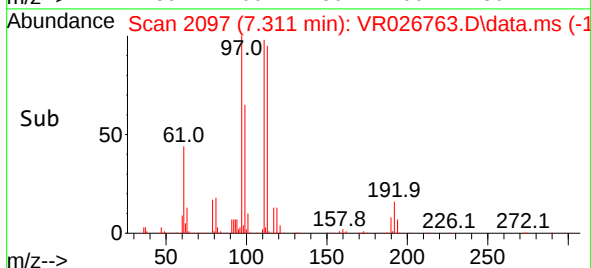
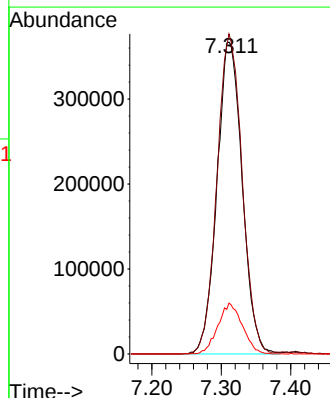
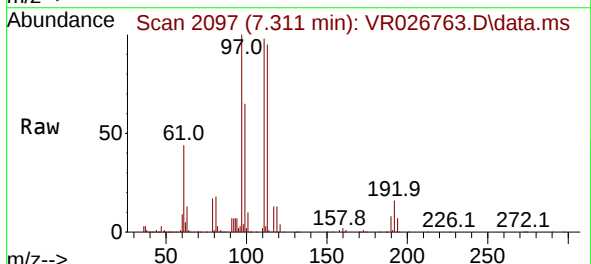
Tgt Ion:113 Resp: 926513

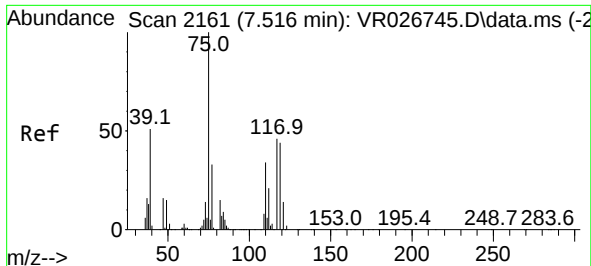
Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

192 15.9 12.9 19.3





#35

1,1-Dichloropropene

Concen: 51.811 ug/l

RT: 7.536 min Scan# 2161

Delta R.T. 0.019 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 149415

Ion Ratio Lower Upper

75 100

110 34.9 17.3 52.0

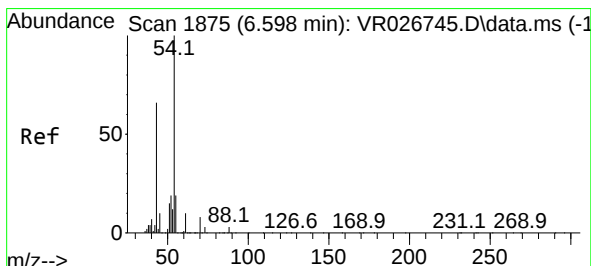
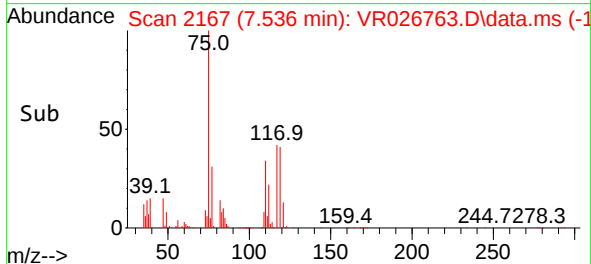
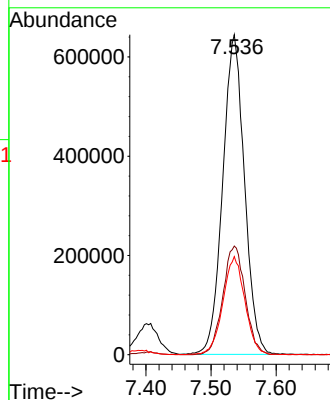
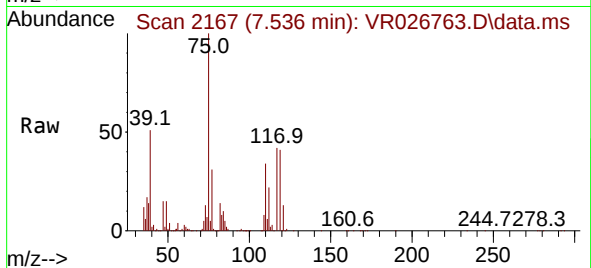
77 31.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#36

Ethyl Acetate

Concen: 49.998 ug/l

RT: 6.621 min Scan# 1882

Delta R.T. 0.023 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

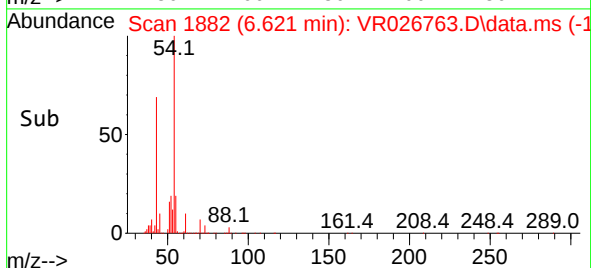
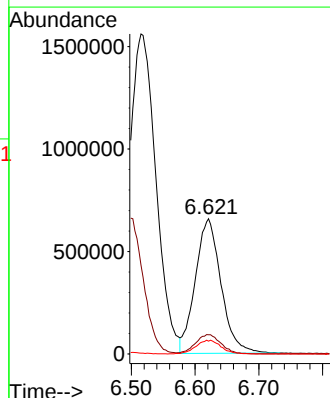
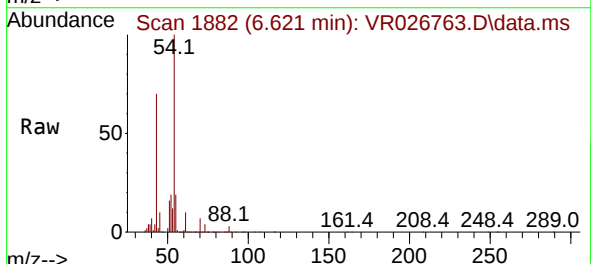
Tgt Ion: 43 Resp: 1844624

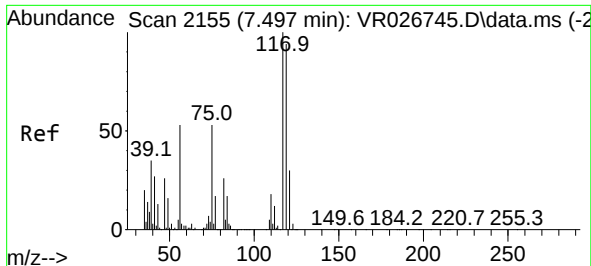
Ion Ratio Lower Upper

43 100

61 14.2 11.4 17.2

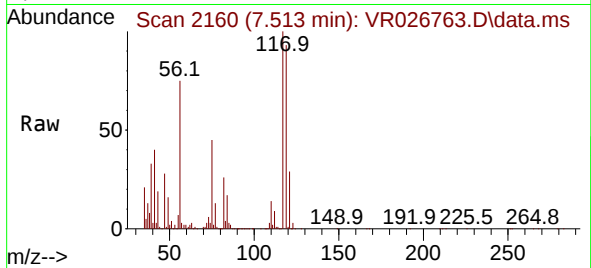
70 9.9 8.4 12.6





#37
Carbon Tetrachloride
Concen: 54.126 ug/l
RT: 7.513 min Scan# 2155
Delta R.T. 0.016 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

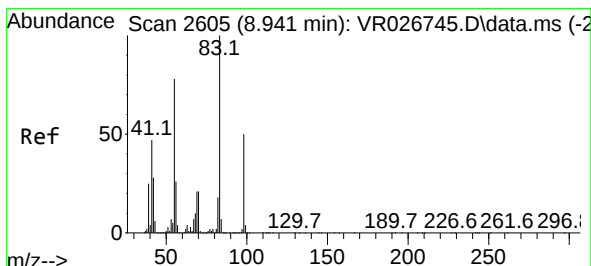
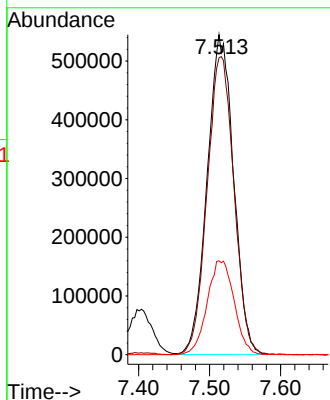
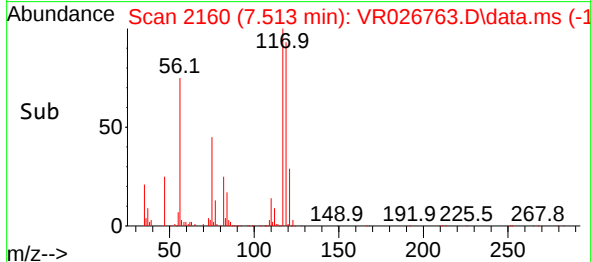
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



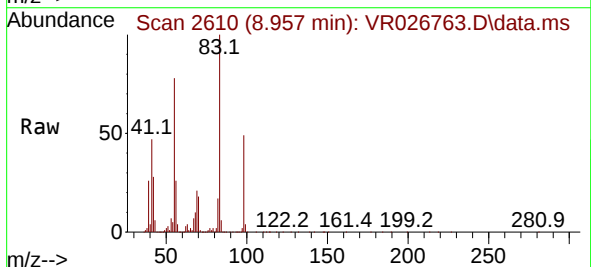
Tgt Ion: 117 Resp: 1404652
Ion Ratio Lower Upper
117 100
119 92.7 75.1 112.7
121 29.4 24.2 36.2

Manual Integrations
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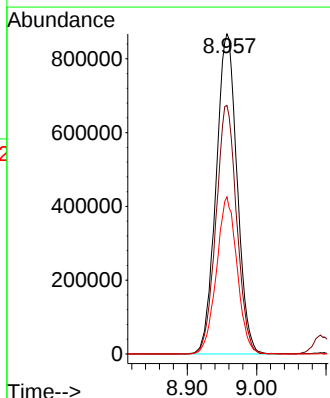
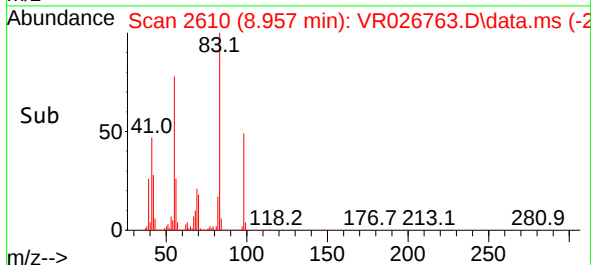
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

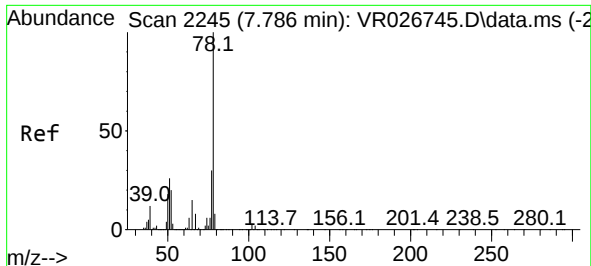


#38
Methylcyclohexane
Concen: 50.558 ug/l
RT: 8.957 min Scan# 2610
Delta R.T. 0.016 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12



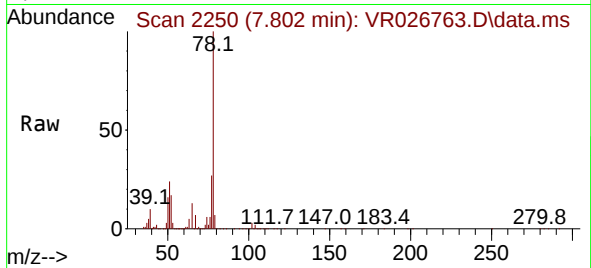
Tgt Ion: 83 Resp: 1824510
Ion Ratio Lower Upper
83 100
55 77.6 62.6 94.0
98 49.1 39.9 59.9





#39
Benzene
Concen: 54.267 ug/l
RT: 7.802 min Scan# 21
Delta R.T. 0.016 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

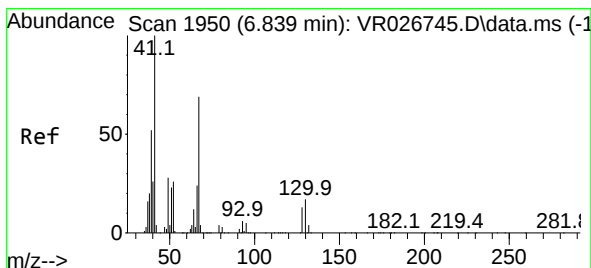
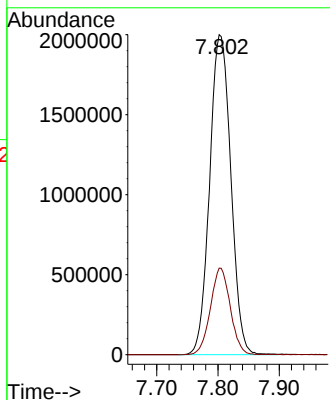
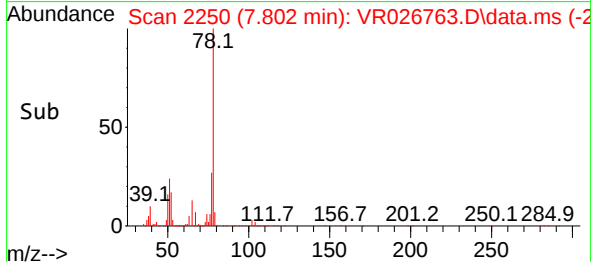
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



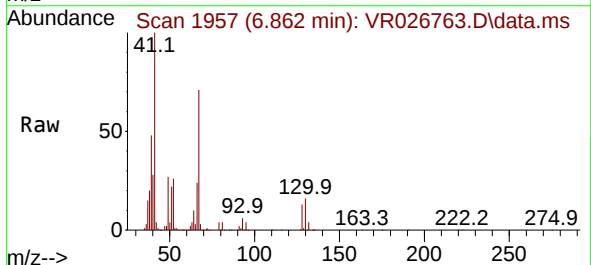
Tgt Ion: 78 Resp: 480448
Ion Ratio Lower Upper
78 100
77 27.0 24.3 36.5

Manual Integrations
APPROVED

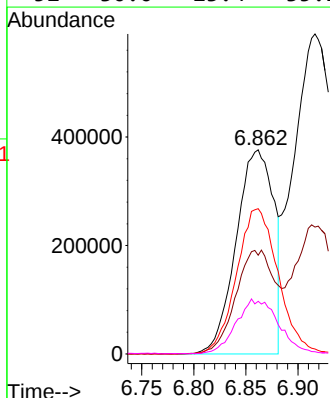
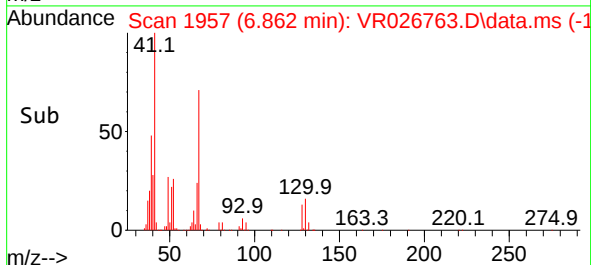
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

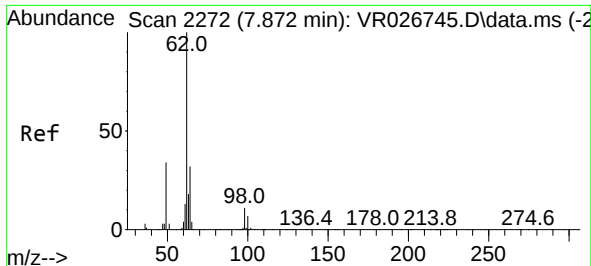


#40
Methacrylonitrile
Concen: 49.023 ug/l
RT: 6.862 min Scan# 1957
Delta R.T. 0.023 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12



Tgt Ion: 41 Resp: 943330
Ion Ratio Lower Upper
41 100
39 53.4 43.0 64.4
67 79.1 62.6 94.0
52 30.0 23.4 35.2





#41

1,2-Dichloroethane

Concen: 51.093 ug/l

RT: 7.892 min Scan# 21

Delta R.T. 0.019 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 62 Resp: 1254220

Ion Ratio Lower Upper

62 100

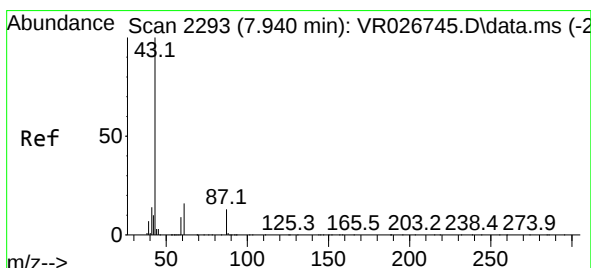
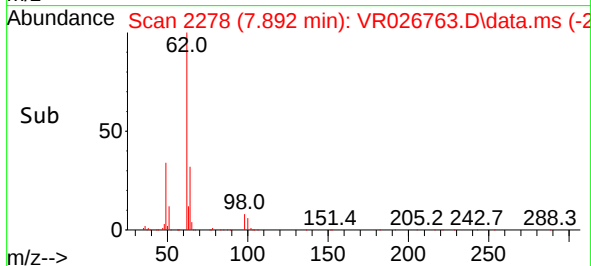
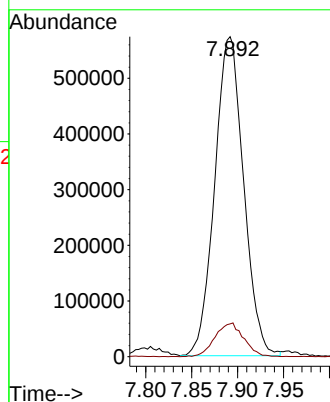
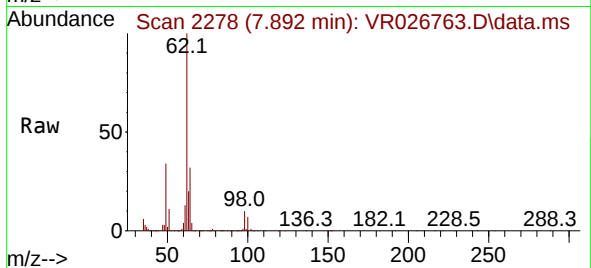
98 10.5 0.0 21.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#42

Isopropyl Acetate

Concen: 54.313 ug/l

RT: 7.956 min Scan# 2298

Delta R.T. 0.016 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

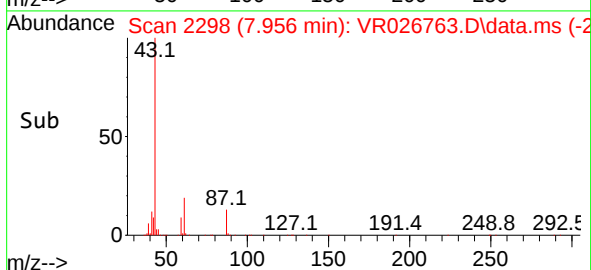
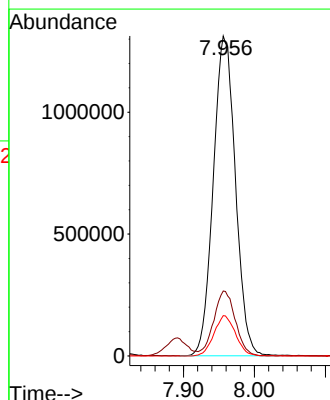
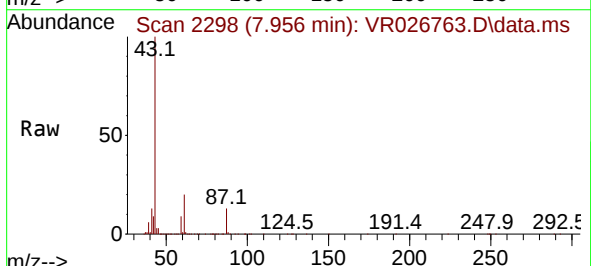
Tgt Ion: 43 Resp: 2840843

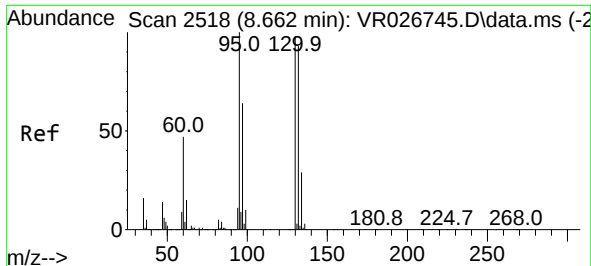
Ion Ratio Lower Upper

43 100

61 19.8 16.8 25.2

87 12.3 10.2 15.4





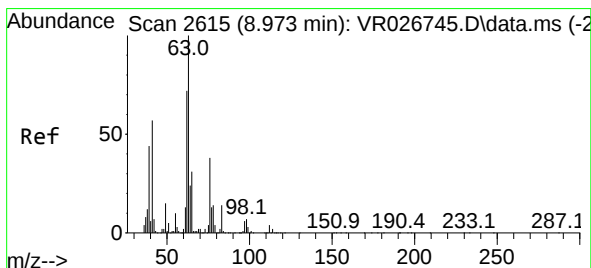
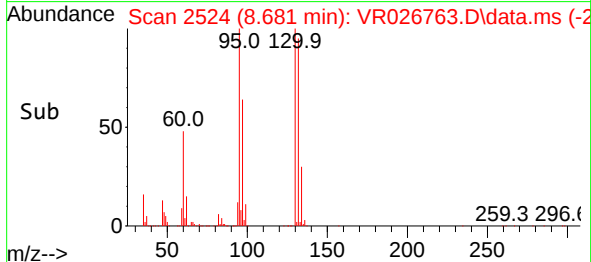
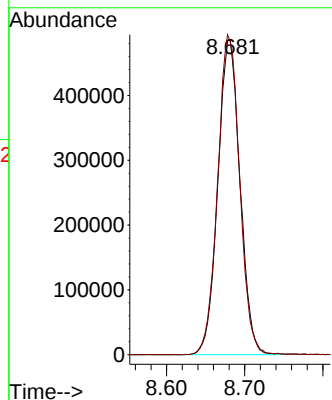
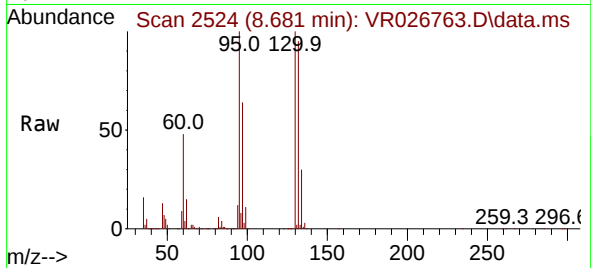
#43
 Trichloroethene
 Concen: 49.577 ug/l
 RT: 8.681 min Scan# 21
 Delta R.T. 0.019 min
 Lab File: VR026763.D
 Acq: 25 Aug 2025 16:12

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:130 Resp: 95759
 Ion Ratio Lower Upper
 130 100
 95 99.6 0.0 203.4

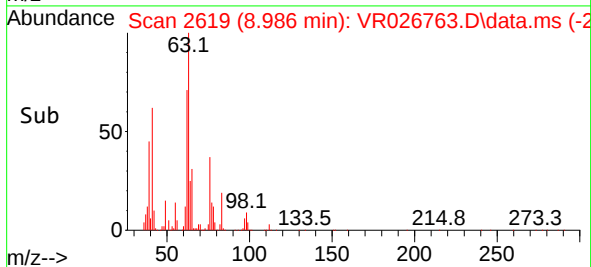
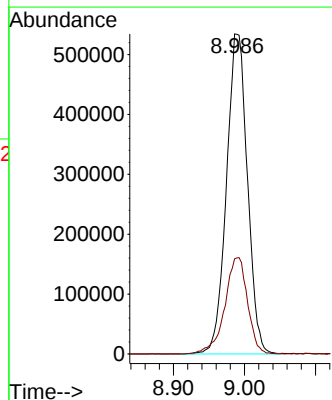
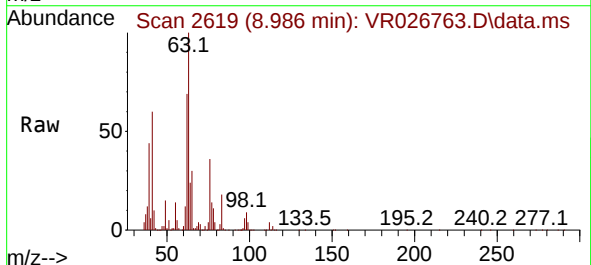
Manual Integrations
 APPROVED

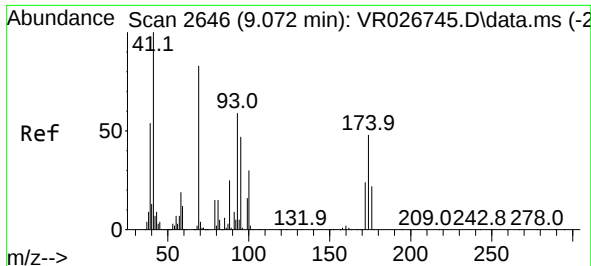
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025



#44
 1,2-Dichloropropane
 Concen: 51.681 ug/l
 RT: 8.986 min Scan# 2619
 Delta R.T. 0.013 min
 Lab File: VR026763.D
 Acq: 25 Aug 2025 16:12

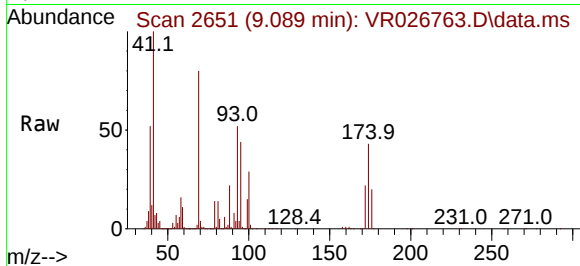
Tgt Ion: 63 Resp: 1095373
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.8 37.2





#45
Dibromomethane
Concen: 52.329 ug/l
RT: 9.089 min Scan# 20
Delta R.T. 0.016 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

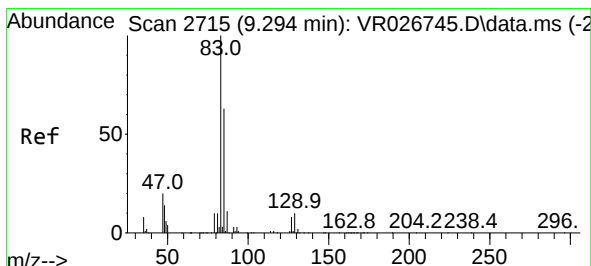
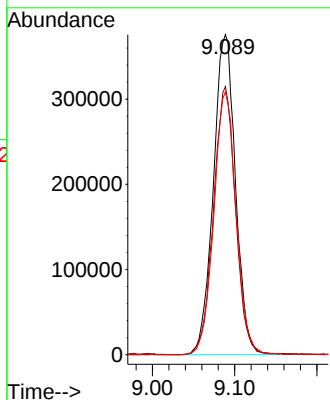
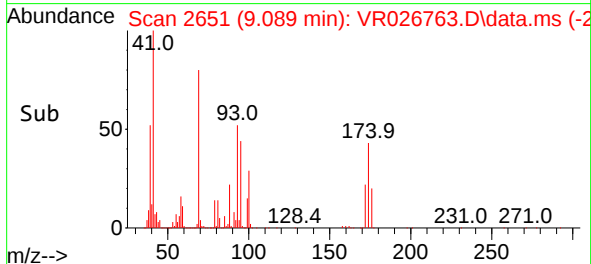
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 93 Resp: 704568
Ion Ratio Lower Upper
93 100
95 83.3 65.4 98.0
174 82.7 66.5 99.7

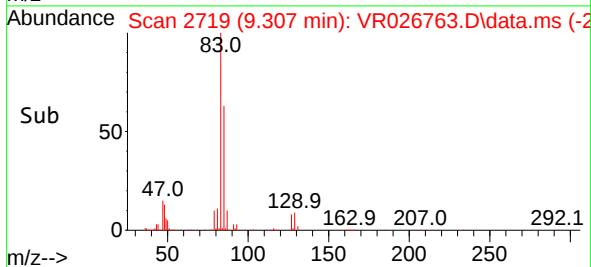
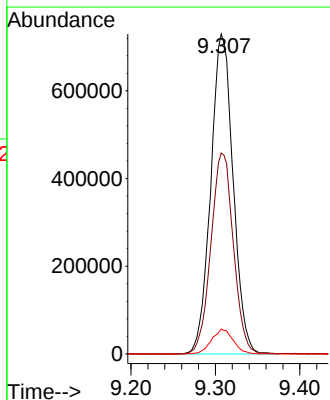
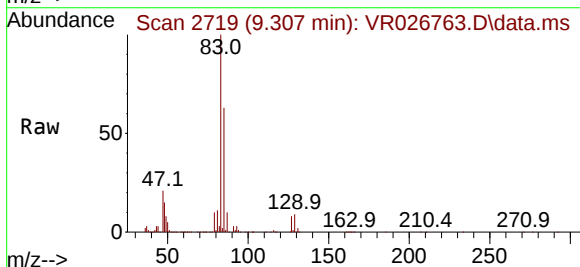
Manual Integrations
APPROVED

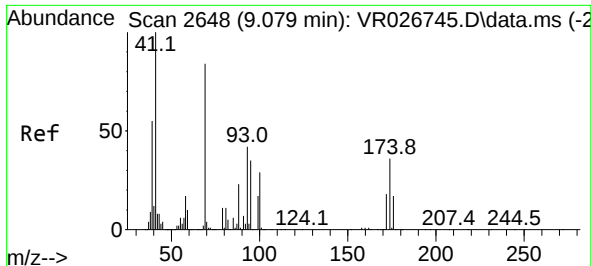
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#46
Bromodichloromethane
Concen: 53.470 ug/l
RT: 9.307 min Scan# 2719
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

Tgt Ion: 83 Resp: 1340077
Ion Ratio Lower Upper
83 100
85 62.8 50.8 76.2
127 7.8 6.0 9.0





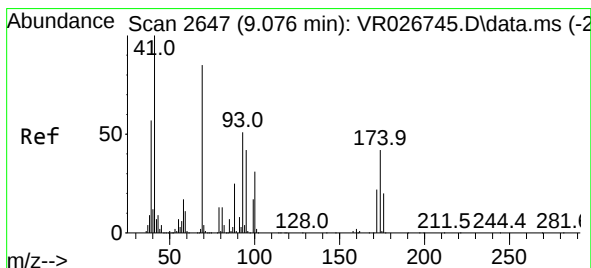
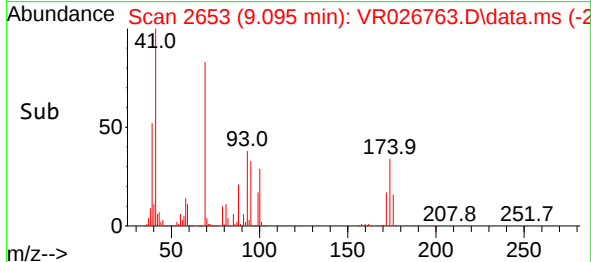
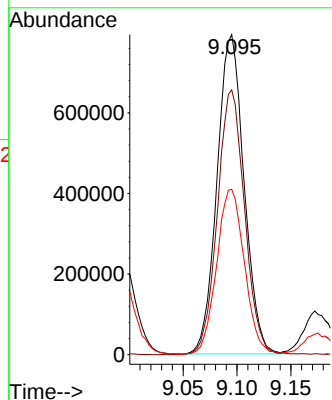
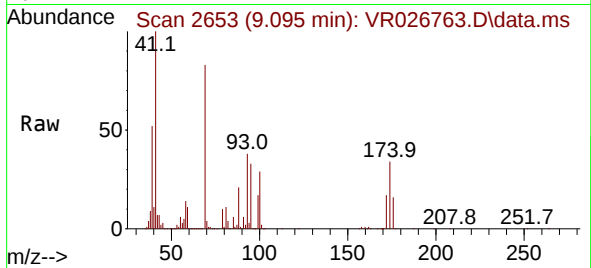
#47
Methyl methacrylate
Concen: 54.192 ug/l
RT: 9.095 min Scan# 2653
Delta R.T. 0.016 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 138348
Ion Ratio Lower Upper
41 100
69 83.5 66.5 99.7
39 53.1 43.3 64.9

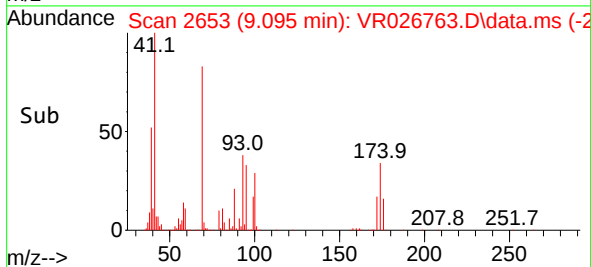
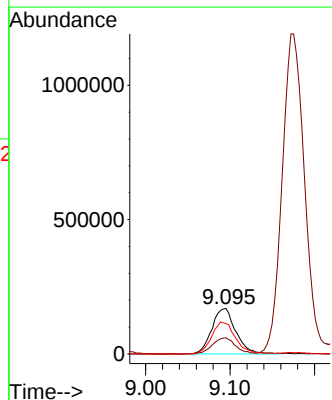
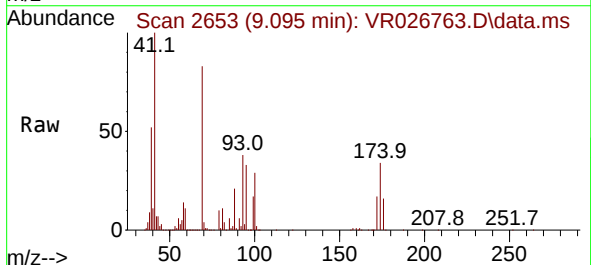
Manual Integrations
APPROVED

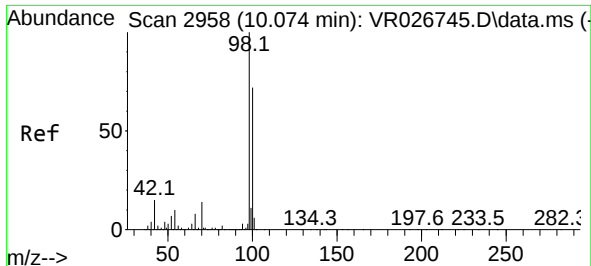
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#48
1,4-Dioxane
Concen: 1019.467 ug/l
RT: 9.095 min Scan# 2653
Delta R.T. 0.019 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

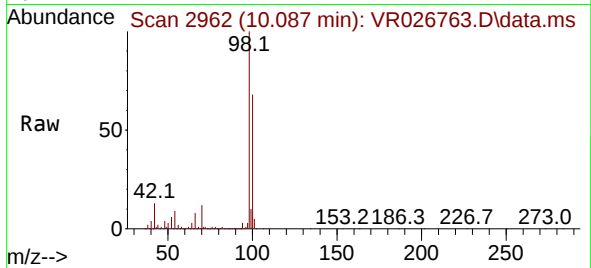
Tgt Ion: 88 Resp: 334340
Ion Ratio Lower Upper
88 100
43 34.3 27.1 40.7
58 69.6 55.9 83.9





#49
Toluene-d8
Concen: 52.201 ug/l
RT: 10.087 min Scan# 2958
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

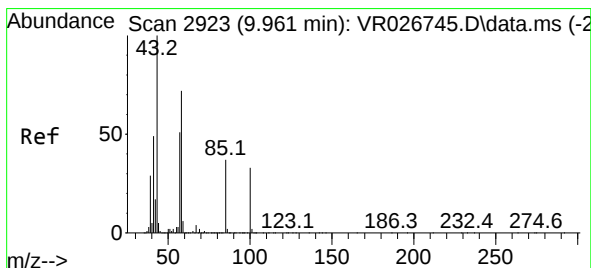
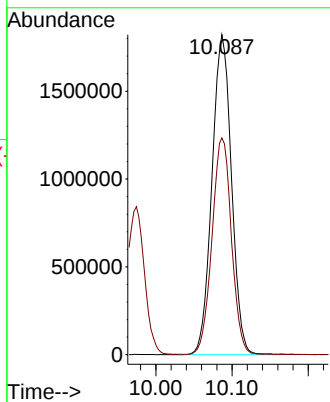
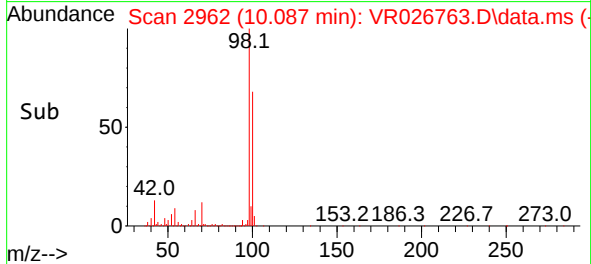
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 98 Resp: 3240720
Ion Ratio Lower Upper
98 100
100 67.3 55.7 83.5

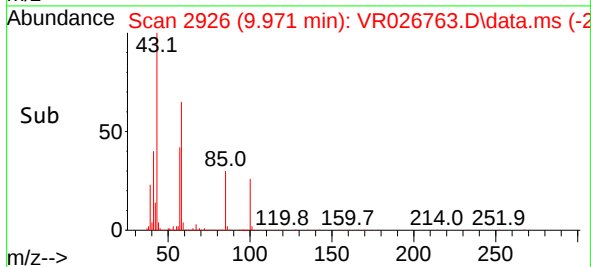
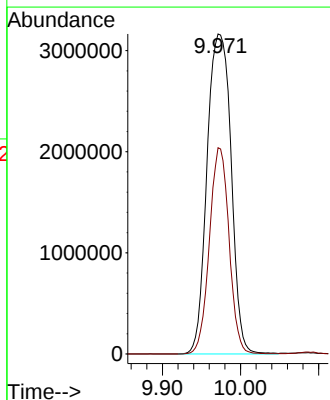
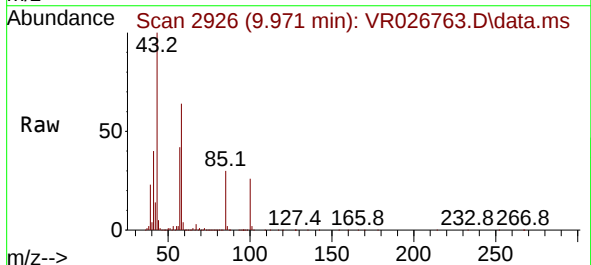
Manual Integrations
APPROVED

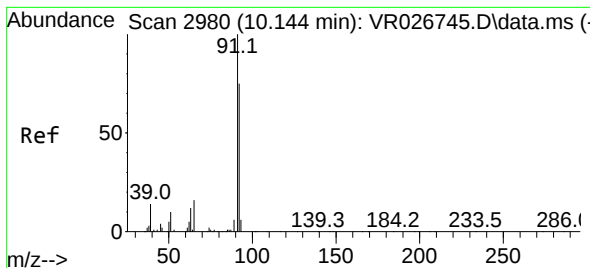
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#50
4-Methyl-2-Pentanone
Concen: 323.696 ug/l
RT: 9.971 min Scan# 2926
Delta R.T. 0.010 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

Tgt Ion: 43 Resp: 6776896
Ion Ratio Lower Upper
43 100
58 52.6 46.8 70.2





#51

Toluene

Concen: 53.648 ug/l

RT: 10.160 min Scan# 2980

Delta R.T. 0.016 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 92 Resp: 271220

Ion Ratio Lower Upper

92 100

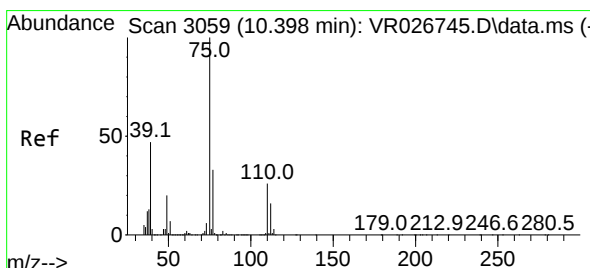
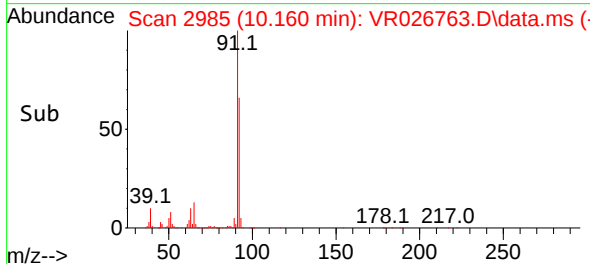
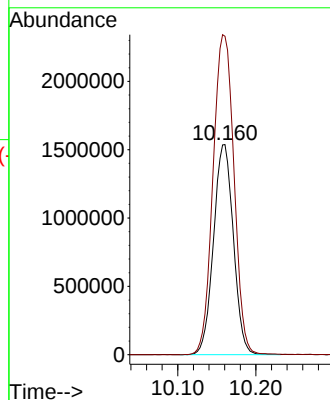
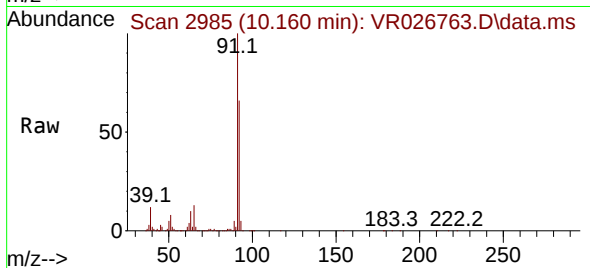
91 161.1 120.1 180.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#52

t-1,3-Dichloropropene

Concen: 56.185 ug/l

RT: 10.411 min Scan# 3063

Delta R.T. 0.013 min

Lab File: VR026763.D

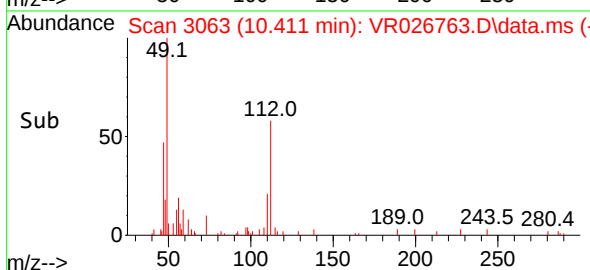
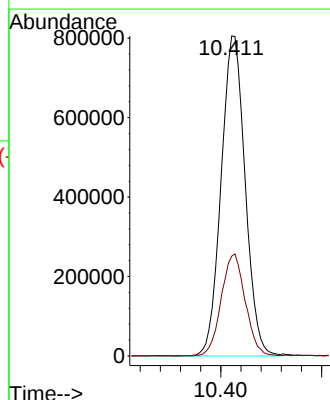
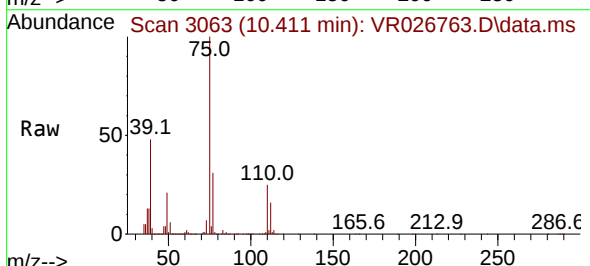
Acq: 25 Aug 2025 16:12

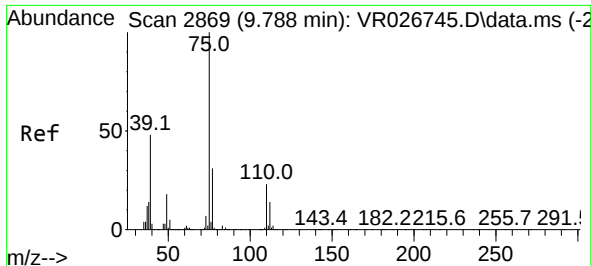
Tgt Ion: 75 Resp: 1333673

Ion Ratio Lower Upper

75 100

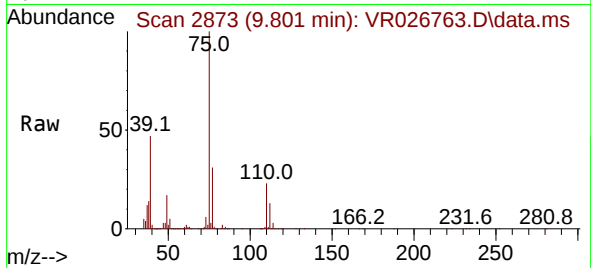
77 31.1 26.2 39.4





#53
cis-1,3-Dichloropropene
Concen: 54.488 ug/l
RT: 9.801 min Scan# 2873
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

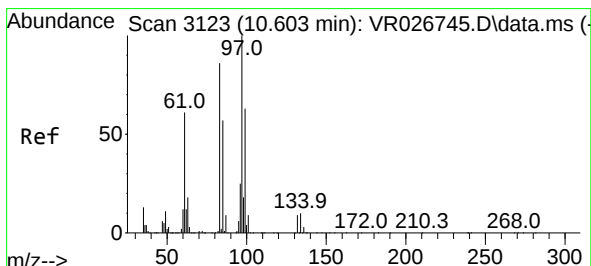
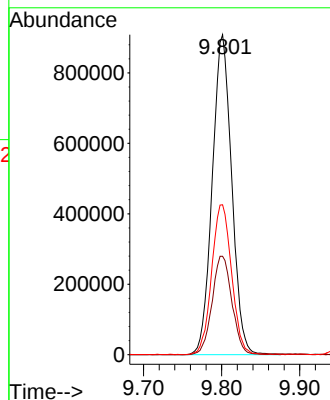
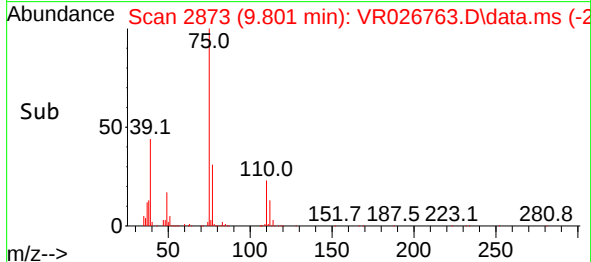
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



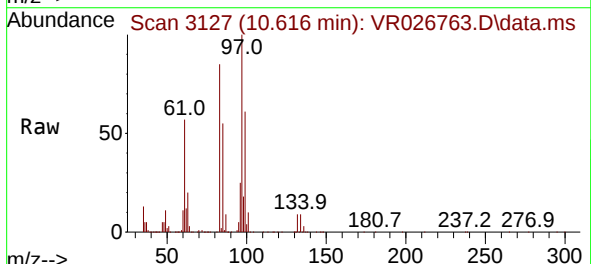
Tgt Ion: 75 Resp: 156912
Ion Ratio Lower Upper
75 100
77 30.8 25.1 37.7
39 46.8 38.5 57.7

Manual Integrations
APPROVED

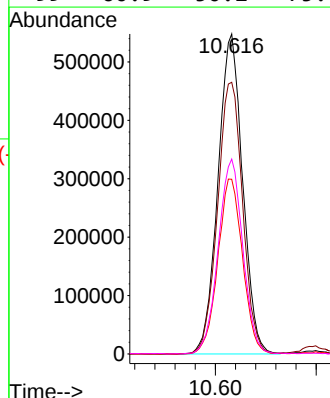
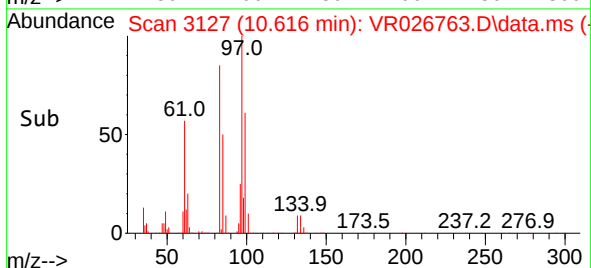
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

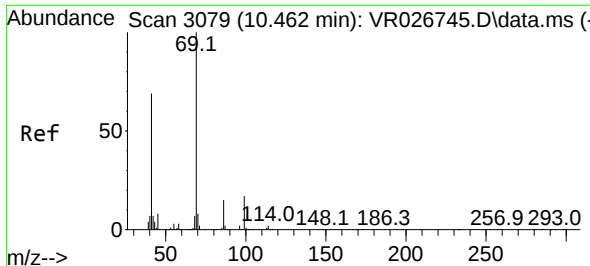


#54
1,1,2-Trichloroethane
Concen: 51.807 ug/l
RT: 10.616 min Scan# 3127
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12



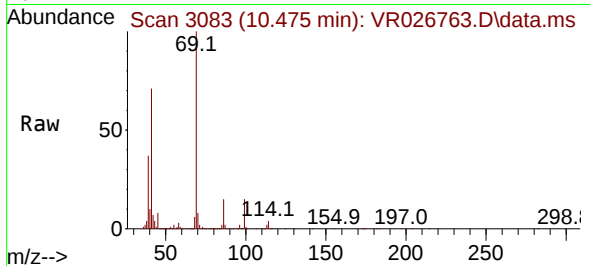
Tgt Ion: 97 Resp: 929650
Ion Ratio Lower Upper
97 100
83 84.9 68.9 103.3
85 54.6 45.3 67.9
99 60.9 50.2 75.4





#55
Ethyl methacrylate
Concen: 54.665 ug/l
RT: 10.475 min Scan# 3079
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

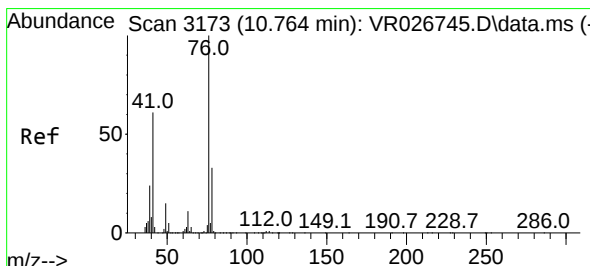
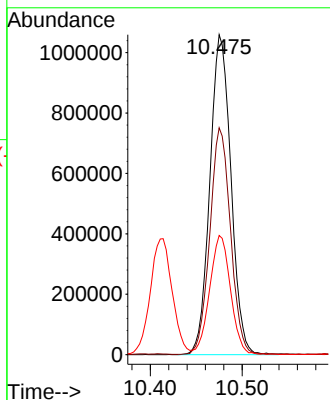
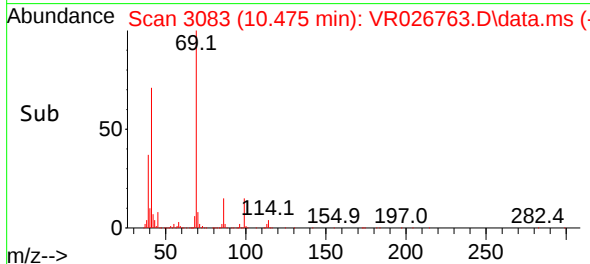
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 69 Resp: 168724
Ion Ratio Lower Upper
69 100
41 69.5 55.6 83.4
39 36.7 29.2 43.8

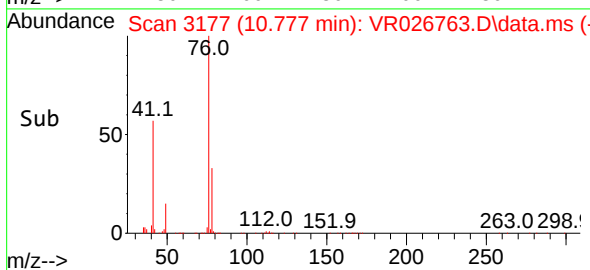
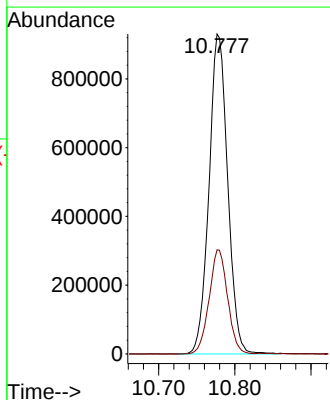
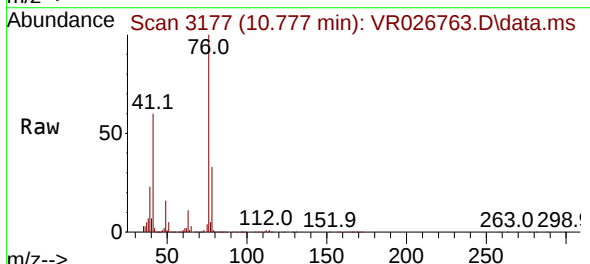
Manual Integrations
APPROVED

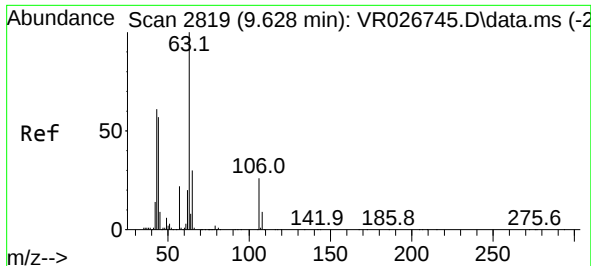
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#56
1,3-Dichloropropane
Concen: 52.423 ug/l
RT: 10.777 min Scan# 3177
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

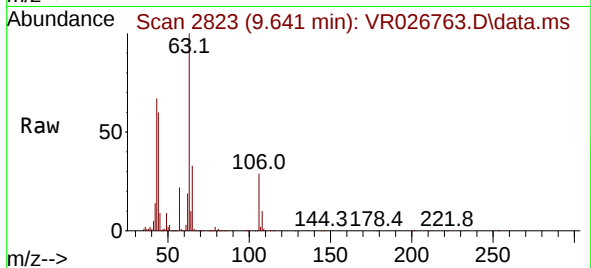
Tgt Ion: 76 Resp: 1585561
Ion Ratio Lower Upper
76 100
78 32.1 25.9 38.9





#57
2-Chloroethyl Vinyl ether
Concen: 236.162 ug/l
RT: 9.641 min Scan# 2819
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

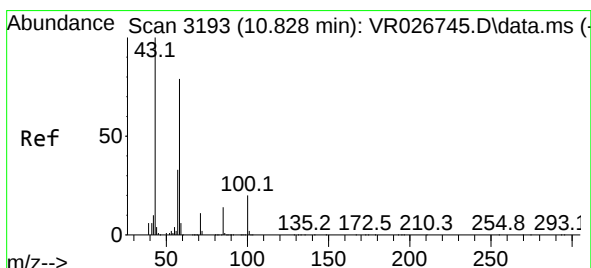
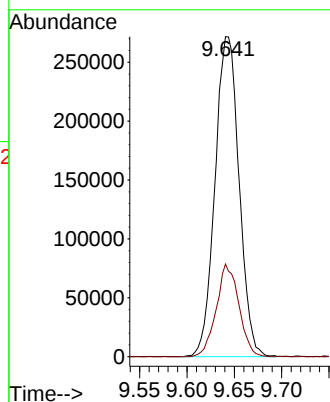
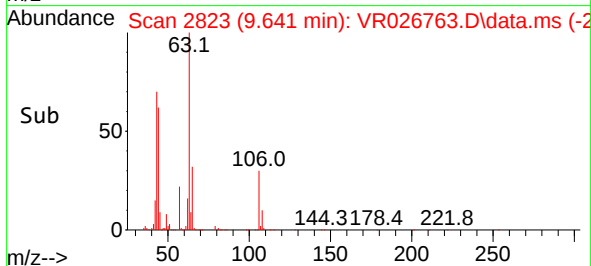
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



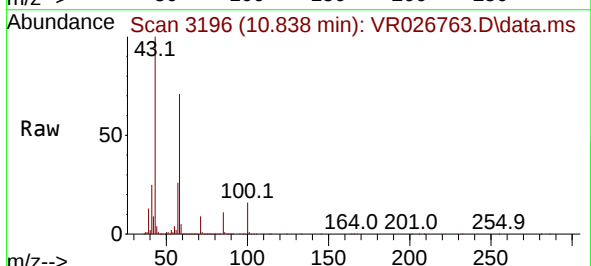
Tgt Ion: 63 Resp: 480174
Ion Ratio Lower Upper
63 100
106 27.1 21.5 32.3

Manual Integrations
APPROVED

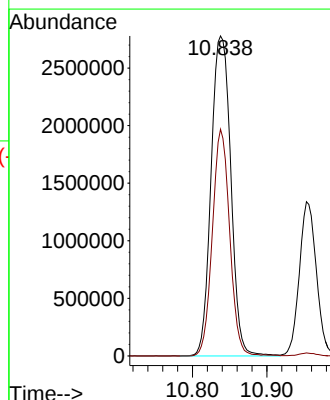
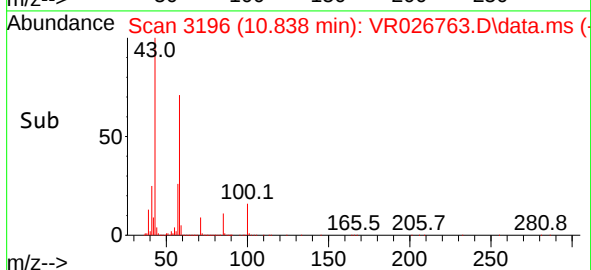
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

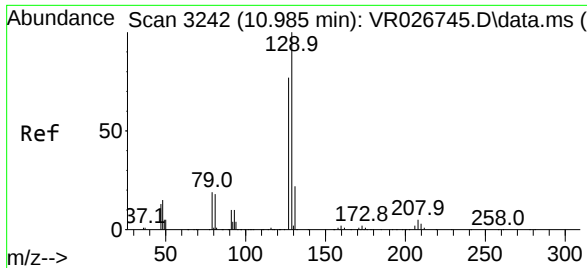


#58
2-Hexanone
Concen: 288.466 ug/l
RT: 10.838 min Scan# 3196
Delta R.T. 0.010 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12



Tgt Ion: 43 Resp: 5098464
Ion Ratio Lower Upper
43 100
58 62.3 34.0 102.0





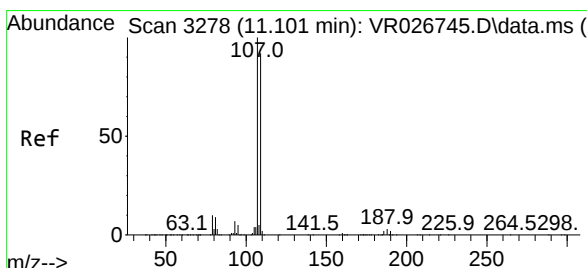
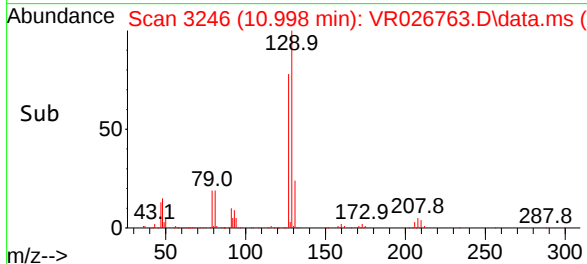
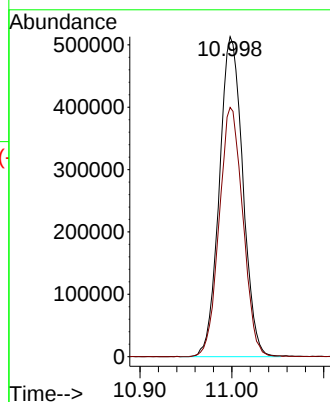
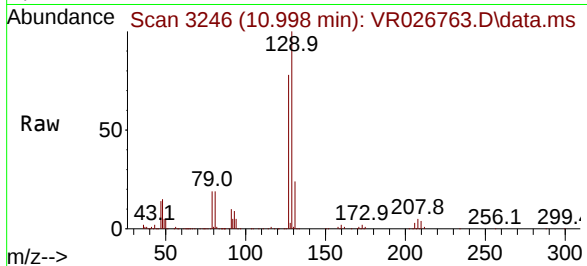
#59
Dibromochloromethane
Concen: 53.969 ug/l
RT: 10.998 min Scan# 31
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Tgt Ion:129 Resp: 91092
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.7

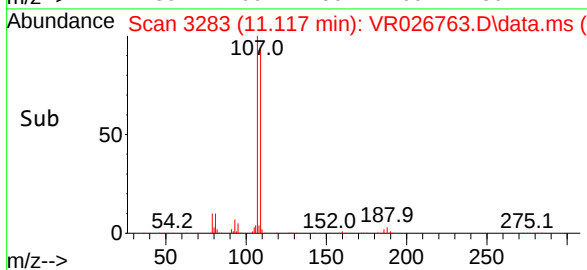
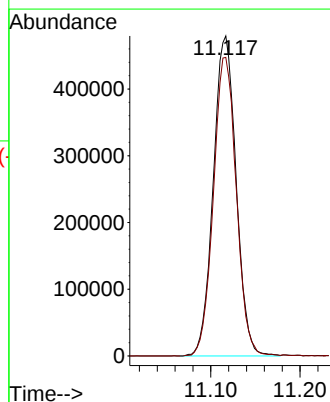
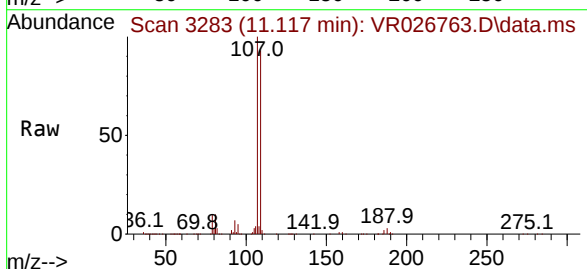
Manual Integrations
APPROVED

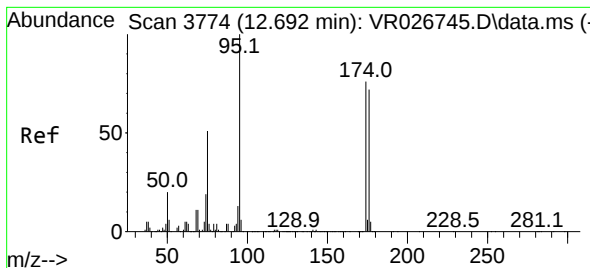
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#60
1,2-Dibromoethane
Concen: 52.545 ug/l
RT: 11.117 min Scan# 3283
Delta R.T. 0.016 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

Tgt Ion:107 Resp: 852164
Ion Ratio Lower Upper
107 100
109 93.5 74.3 111.5





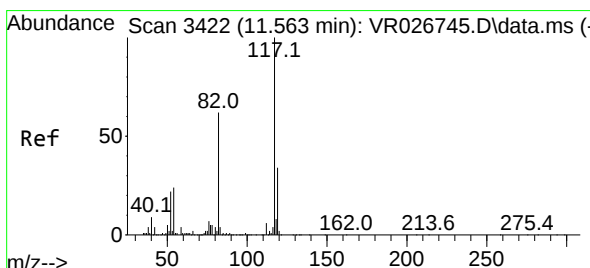
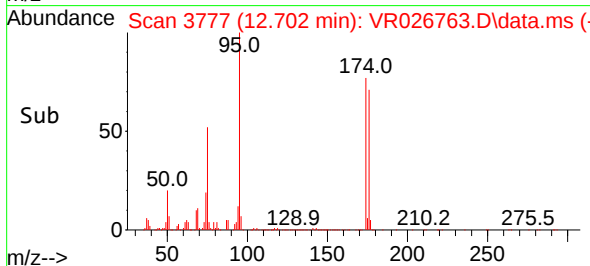
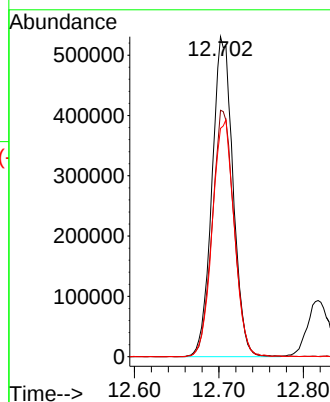
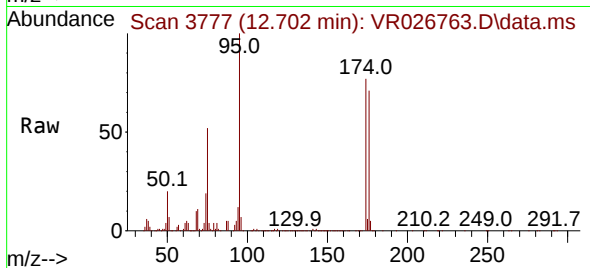
#61
4-Bromofluorobenzene
Concen: 52.042 ug/l
RT: 12.702 min Scan# 31
Delta R.T. 0.010 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 95 Resp: 916710
Ion Ratio Lower Upper
95 100
174 79.5 0.0 156.6
176 77.1 0.0 150.2

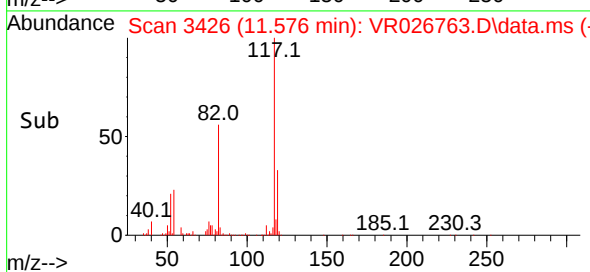
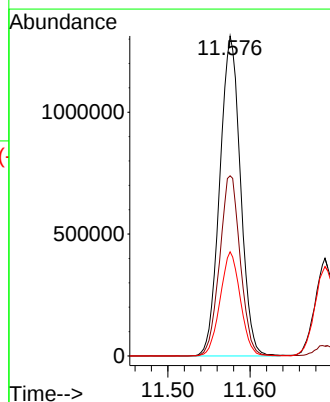
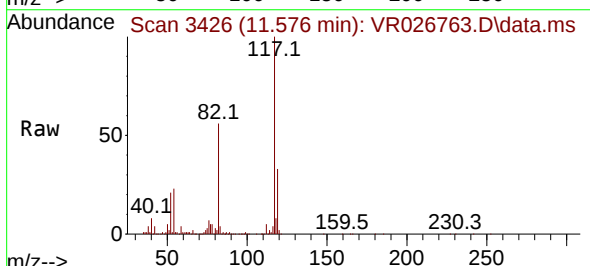
Manual Integrations
APPROVED

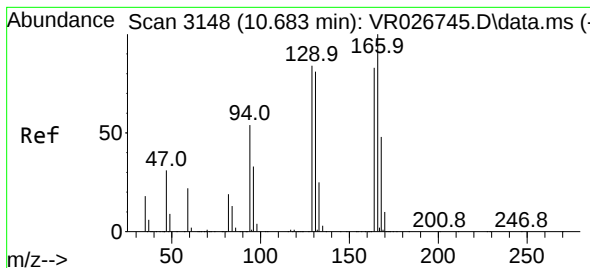
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.576 min Scan# 3426
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

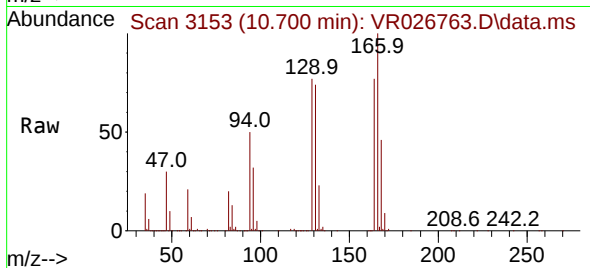
Tgt Ion:117 Resp: 2293864
Ion Ratio Lower Upper
117 100
82 56.3 49.9 74.9
119 32.6 27.4 41.2





#63
Tetrachloroethene
Concen: 48.239 ug/l
RT: 10.700 min Scan# 3148
Delta R.T. 0.016 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

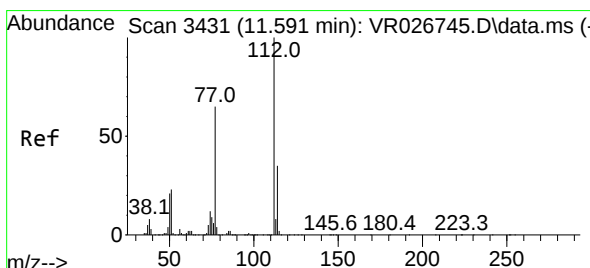
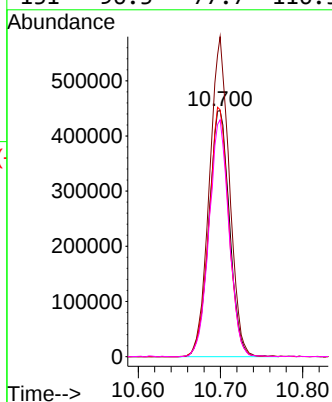
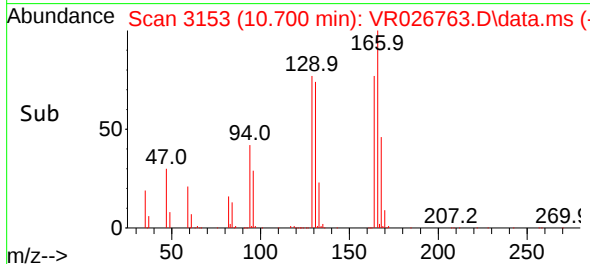
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion:164 Resp: 777469
Ion Ratio Lower Upper
164 100
166 130.0 95.9 143.9
129 100.3 80.2 120.2
131 96.3 77.7 116.5

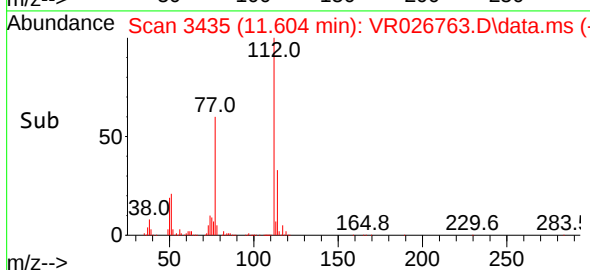
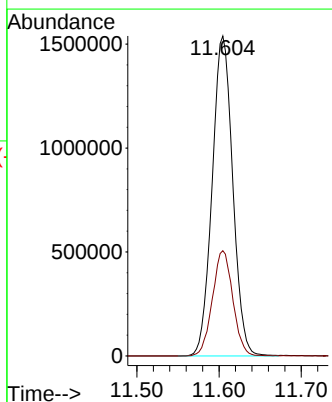
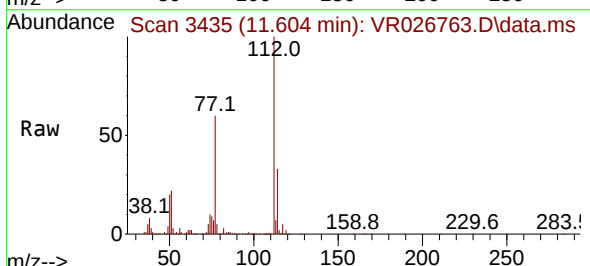
Manual Integrations
APPROVED

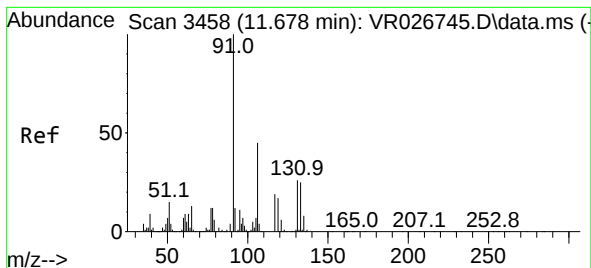
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#64
Chlorobenzene
Concen: 52.434 ug/l
RT: 11.604 min Scan# 3435
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

Tgt Ion:112 Resp: 2676534
Ion Ratio Lower Upper
112 100
114 32.9 28.0 42.0





#65

1,1,1,2-Tetrachloroethane

Concen: 53.372 ug/l

RT: 11.691 min Scan# 3458

Delta R.T. 0.013 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

Instrument :

MSVOA_R

ClientSampleId :

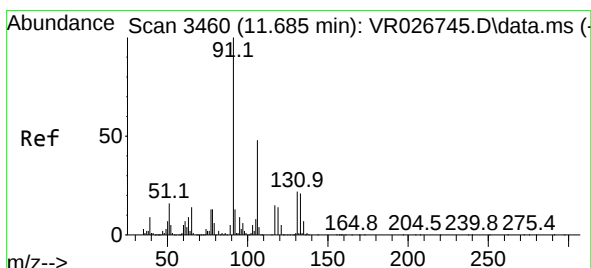
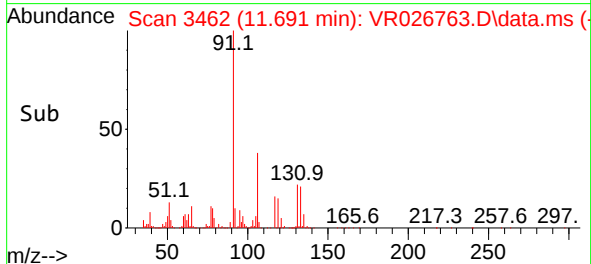
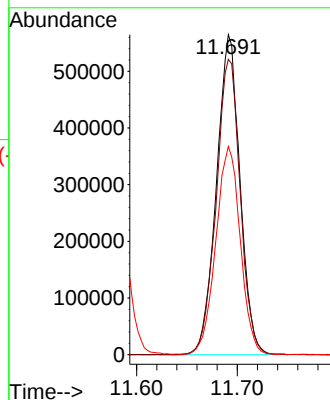
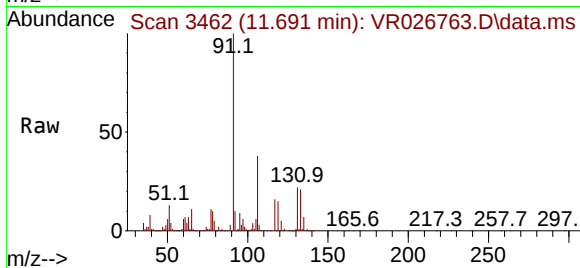
VSTDCCC050EC

Tgt Ion:131 Resp: 914732
 Ion Ratio Lower Upper
 131 100
 133 94.8 47.3 141.8
 119 67.7 33.9 101.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025



#66

Ethyl Benzene

Concen: 55.736 ug/l

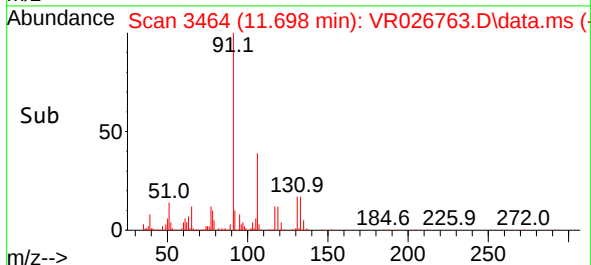
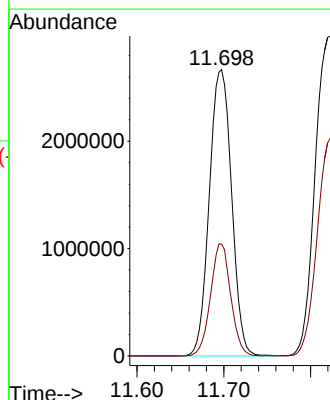
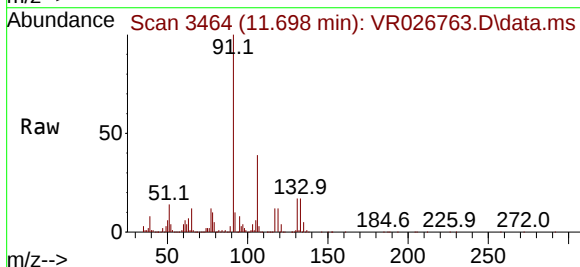
RT: 11.698 min Scan# 3464

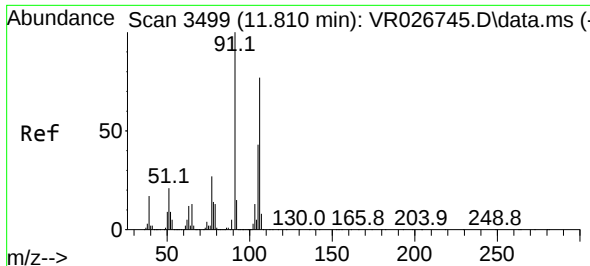
Delta R.T. 0.013 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

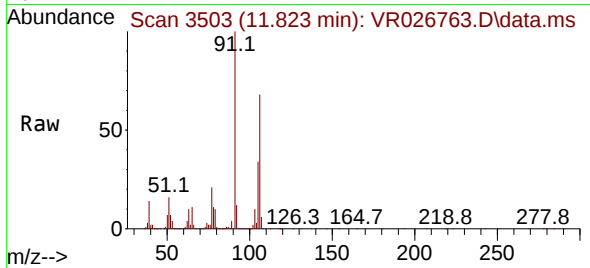
Tgt Ion: 91 Resp: 4756897
 Ion Ratio Lower Upper
 91 100
 106 39.0 38.7 58.1





#67
m/p-Xylenes
Concen: 111.803 ug/l
RT: 11.823 min Scan# 31
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

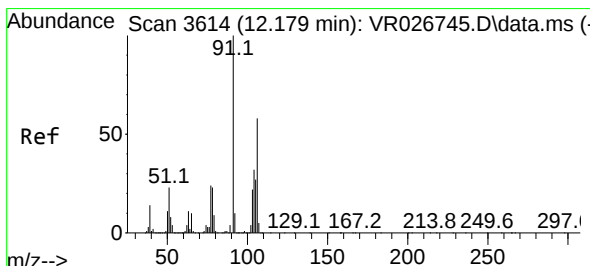
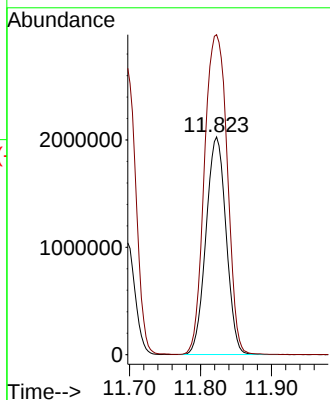
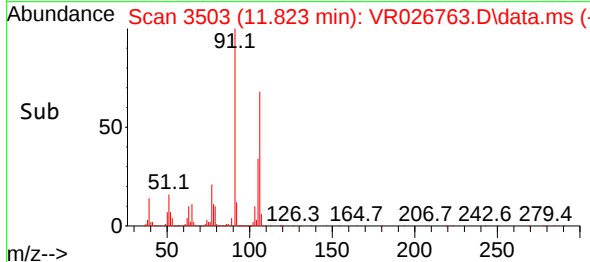
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



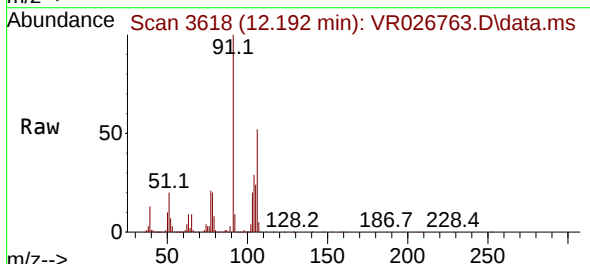
Tgt Ion:106 Resp: 3992854
Ion Ratio Lower Upper
106 100
91 166.7 121.6 182.4

Manual Integrations
APPROVED

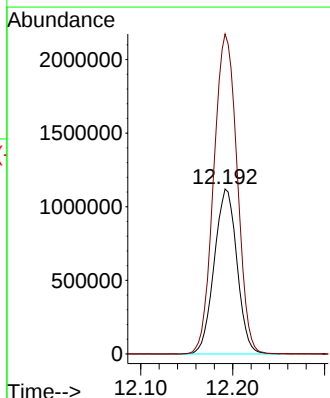
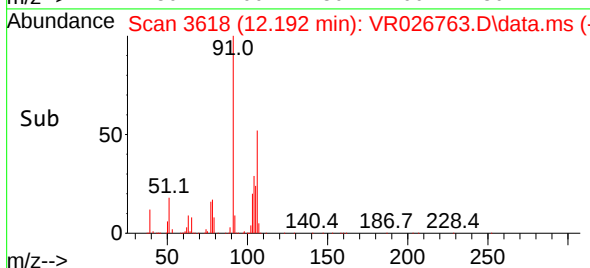
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

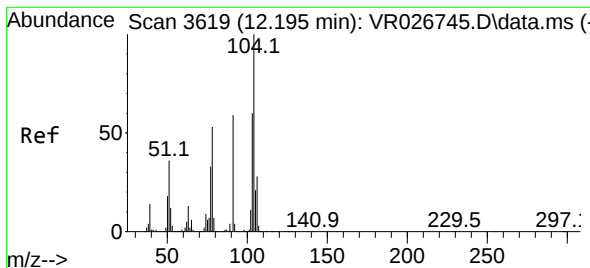


#68
o-Xylene
Concen: 53.279 ug/l
RT: 12.192 min Scan# 3618
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12



Tgt Ion:106 Resp: 1928046
Ion Ratio Lower Upper
106 100
91 199.9 93.7 281.1





#69

Styrene

Concen: 57.627 ug/l

RT: 12.208 min Scan# 306872

Delta R.T. 0.013 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion:104 Resp: 306872

Ion Ratio Lower Upper

104 100

78 49.9 42.5 63.7

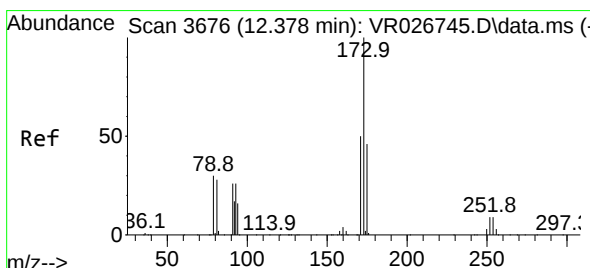
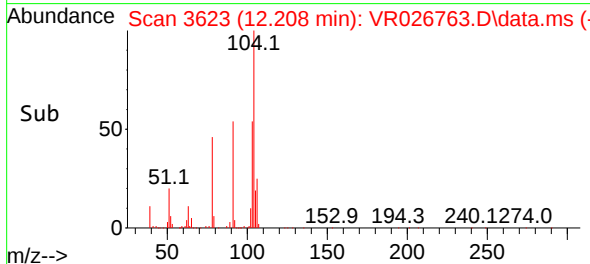
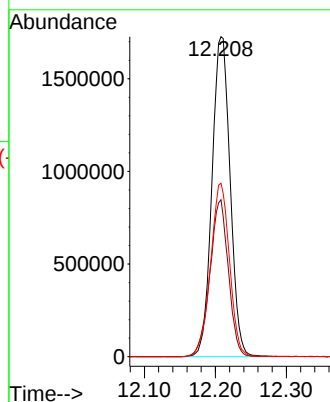
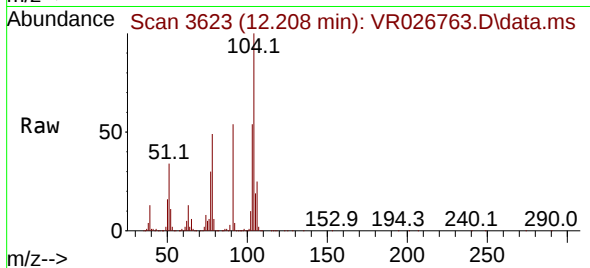
103 56.5 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#70

Bromoform

Concen: 56.750 ug/l

RT: 12.387 min Scan# 3679

Delta R.T. 0.010 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

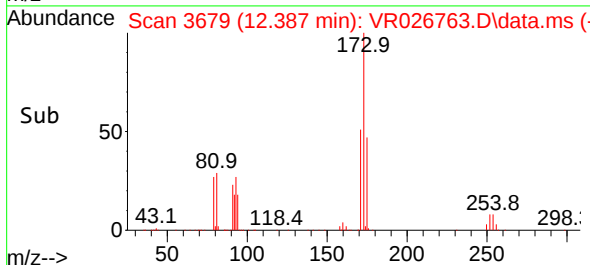
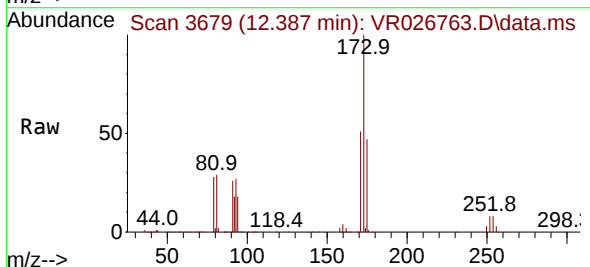
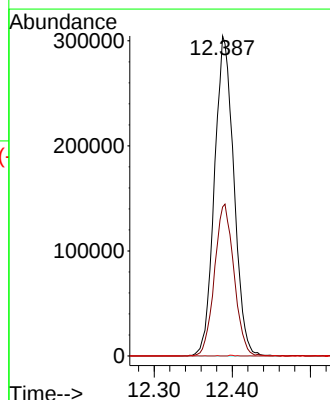
Tgt Ion:173 Resp: 524458

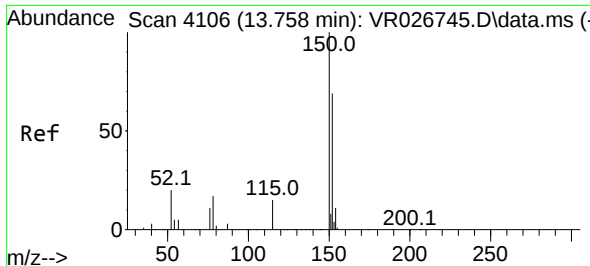
Ion Ratio Lower Upper

173 100

175 47.8 23.8 71.4

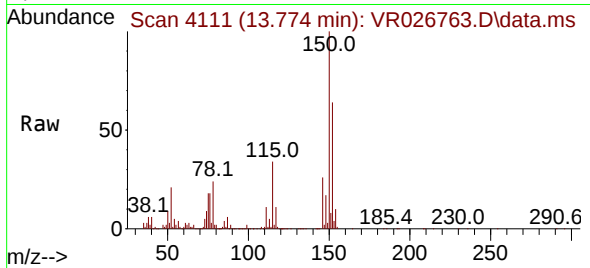
254 0.1 0.0 0.0#





#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.774 min Scan# 4111
Delta R.T. 0.016 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

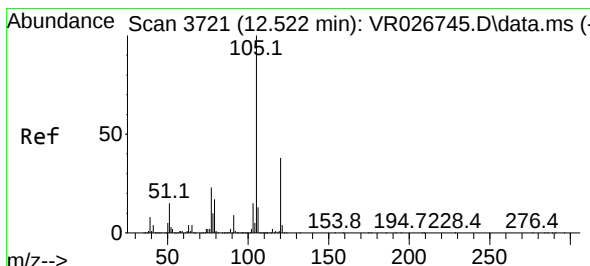
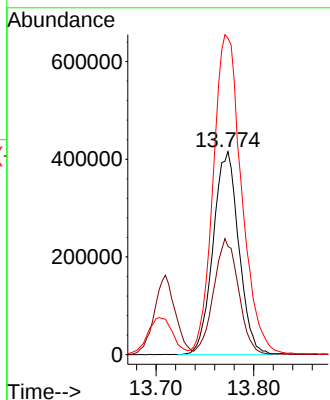
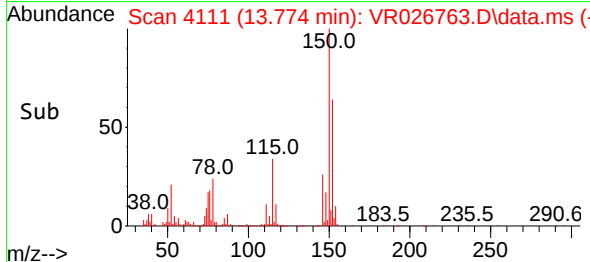
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



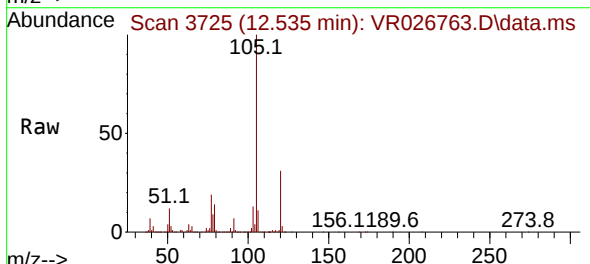
Tgt Ion:152 Resp: 759082
Ion Ratio Lower Upper
152 100
115 55.5 28.5 85.5
150 174.3 0.0 352.0

Manual Integrations
APPROVED

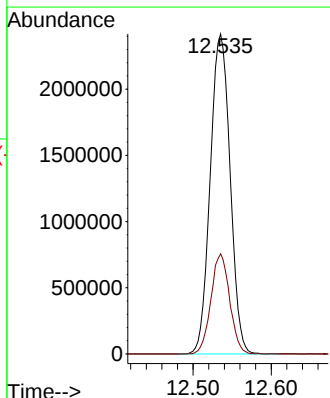
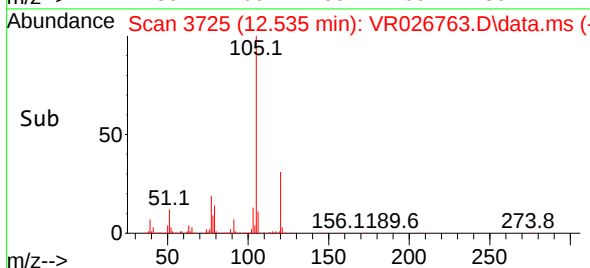
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

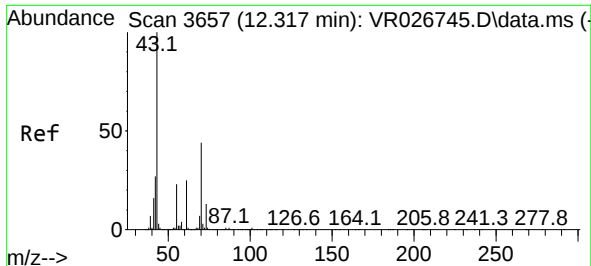


#72
Isopropylbenzene
Concen: 51.859 ug/l
RT: 12.535 min Scan# 3725
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12



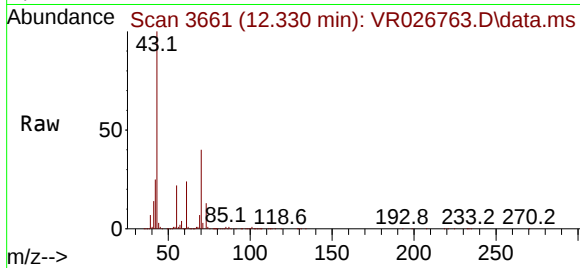
Tgt Ion:105 Resp: 4273069
Ion Ratio Lower Upper
105 100
120 29.5 16.4 49.2





#73
N-amy1 acetate
Concen: 58.897 ug/l
RT: 12.330 min Scan# 3013
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

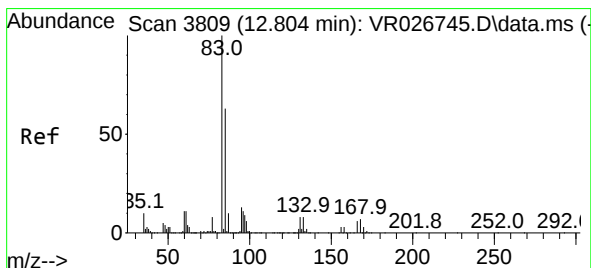
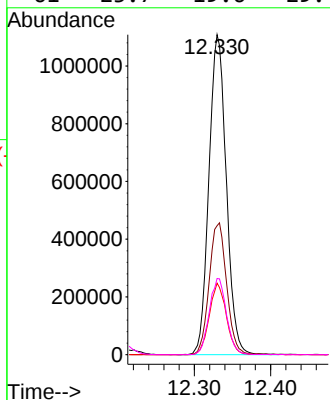
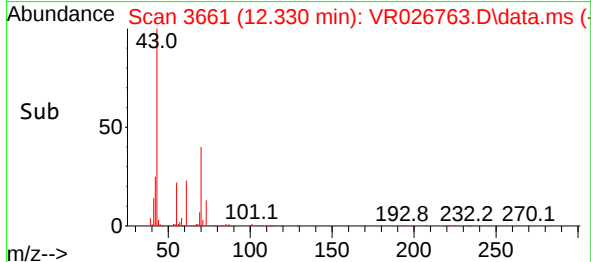
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1752060
Ion Ratio Lower Upper
43 100
70 41.5 34.1 51.1
55 21.9 18.1 27.1
61 23.7 19.6 29.4

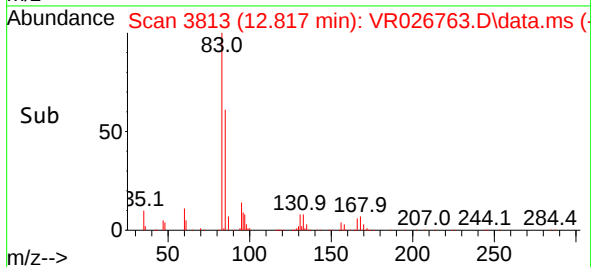
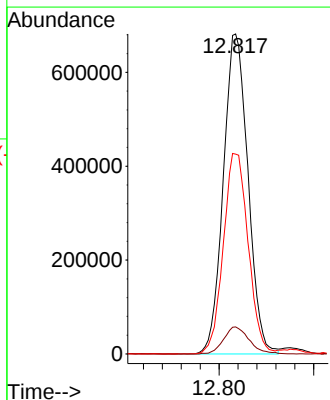
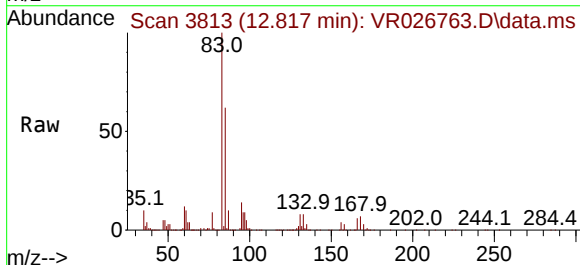
Manual Integrations
APPROVED

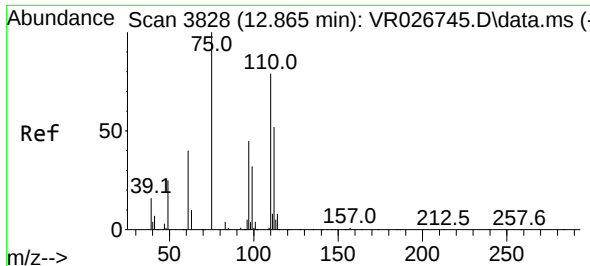
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#74
1,1,2,2-Tetrachloroethane
Concen: 52.201 ug/l
RT: 12.817 min Scan# 3813
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

Tgt Ion: 83 Resp: 1231264
Ion Ratio Lower Upper
83 100
131 8.8 4.6 13.8
85 63.2 31.7 95.1





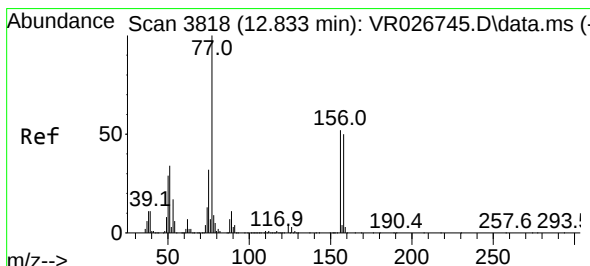
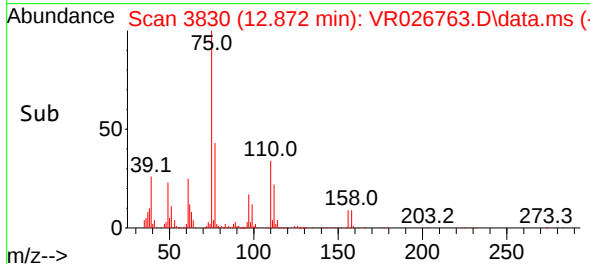
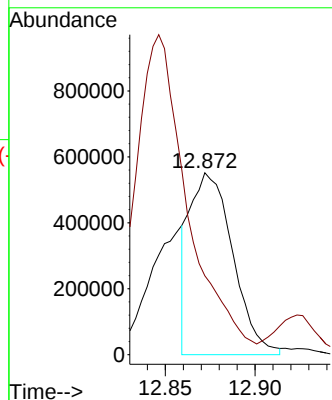
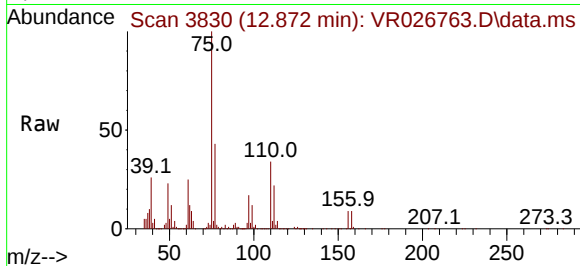
#75
1,2,3-Trichloropropane
Concen: 49.084 ug/l m
RT: 12.872 min Scan# 3830
Delta R.T. 0.007 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 91844
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

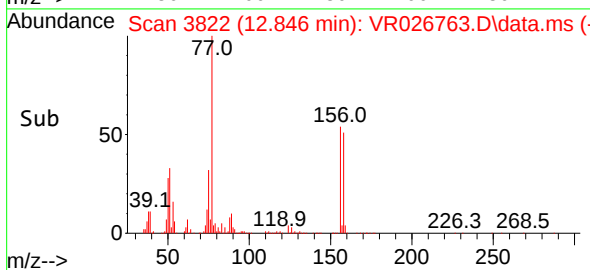
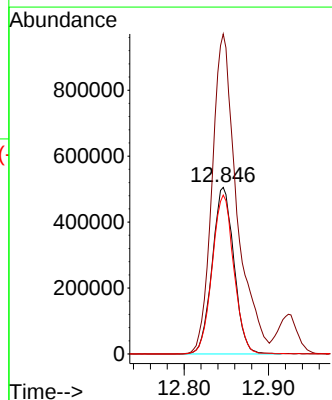
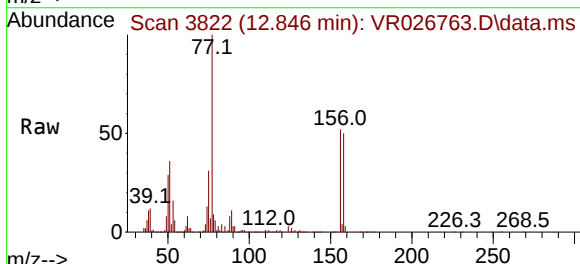
Manual Integrations
APPROVED

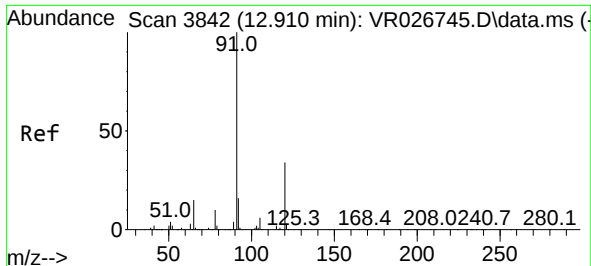
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#76
Bromobenzene
Concen: 50.014 ug/l
RT: 12.846 min Scan# 3822
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

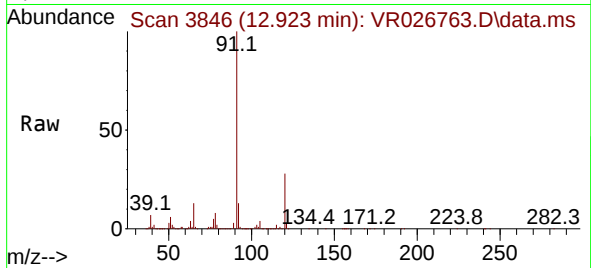
Tgt Ion:156 Resp: 902034
Ion Ratio Lower Upper
156 100
77 219.3 109.8 329.4
158 95.3 47.5 142.6





#77
n-propylbenzene
Concen: 52.099 ug/l
RT: 12.923 min Scan# 3846
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

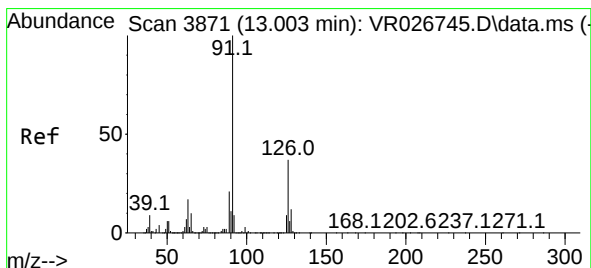
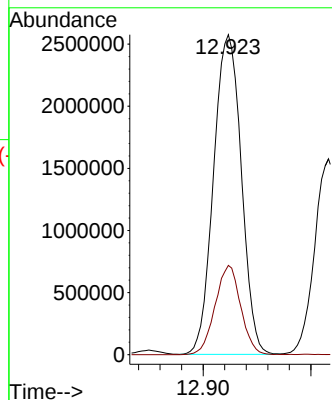
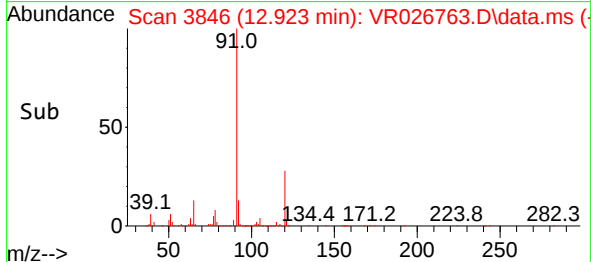
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 460224
Ion Ratio Lower Upper
91 100
120 25.7 14.2 42.8

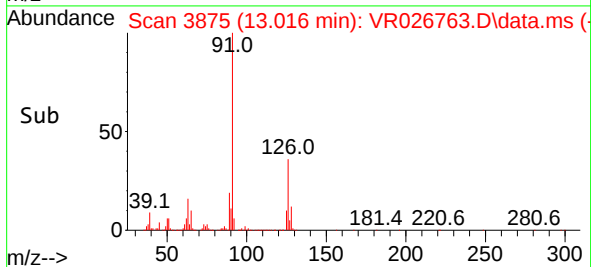
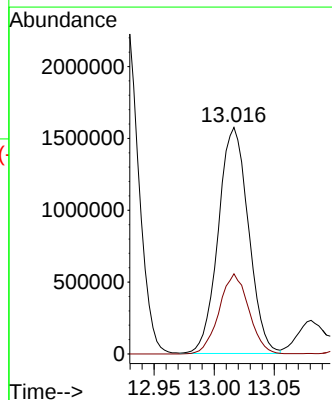
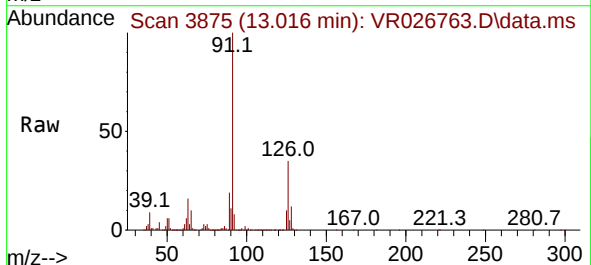
Manual Integrations
APPROVED

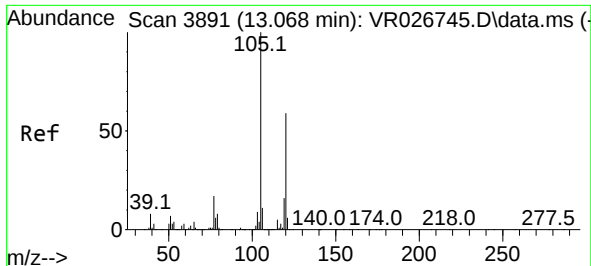
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#78
2-Chlorotoluene
Concen: 52.754 ug/l
RT: 13.016 min Scan# 3875
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

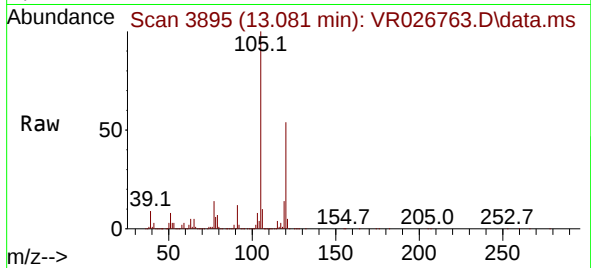
Tgt Ion: 91 Resp: 2752084
Ion Ratio Lower Upper
91 100
126 34.8 18.0 54.0





#79
1,3,5-Trimethylbenzene
Concen: 53.647 ug/l
RT: 13.081 min Scan# 3891
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

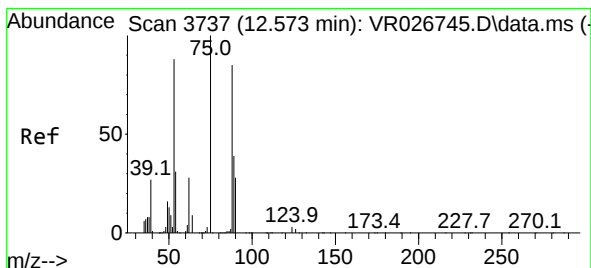
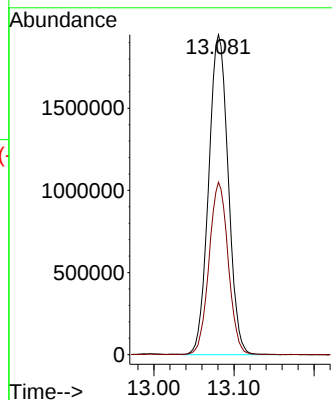
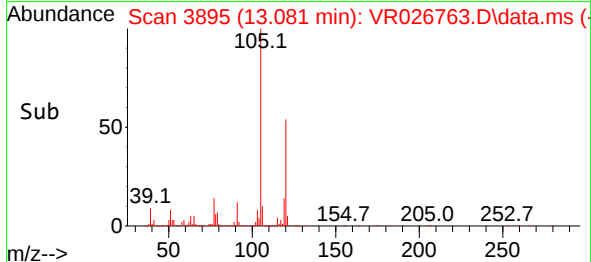
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



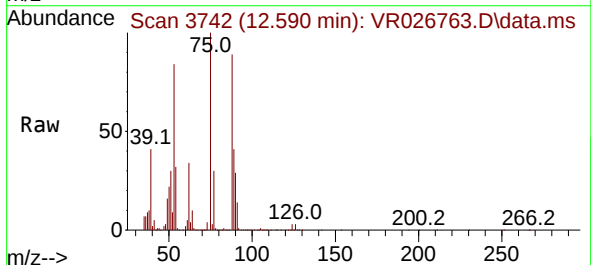
Tgt Ion:105 Resp: 3300908
Ion Ratio Lower Upper
105 100
120 52.8 27.8 83.4

Manual Integrations
APPROVED

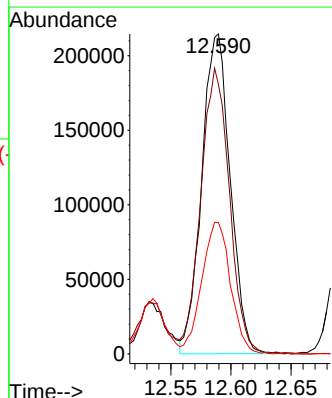
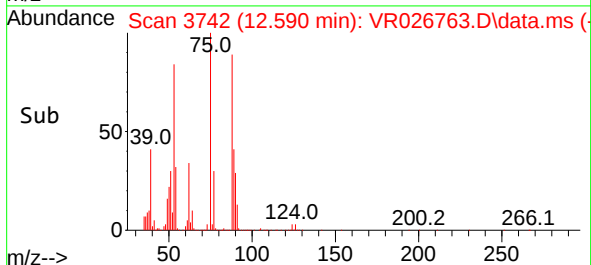
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

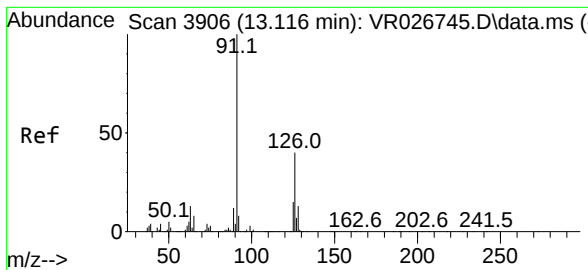


#80
trans-1,4-Dichloro-2-butene
Concen: 47.721 ug/l
RT: 12.590 min Scan# 3742
Delta R.T. 0.017 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12



Tgt Ion: 75 Resp: 353944
Ion Ratio Lower Upper
75 100
53 89.0 70.9 106.3
89 41.5 33.4 50.0





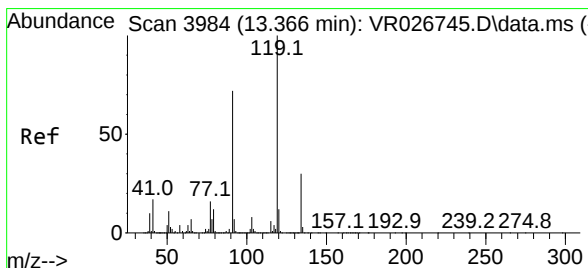
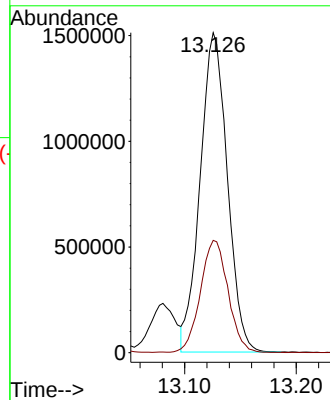
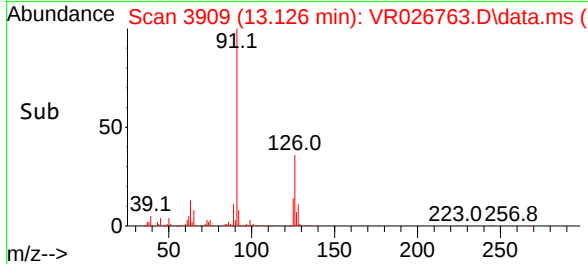
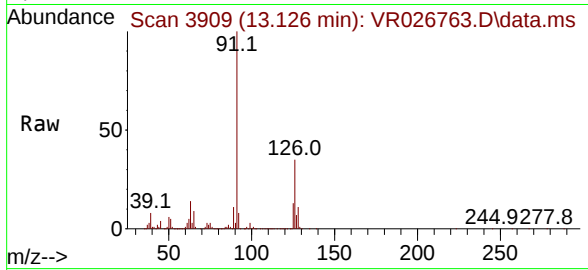
#81
4-Chlorotoluene
Concen: 53.495 ug/l
RT: 13.126 min Scan# 3906
Delta R.T. 0.010 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 2557029
Ion Ratio Lower Upper
91 100
126 35.7 18.2 54.6

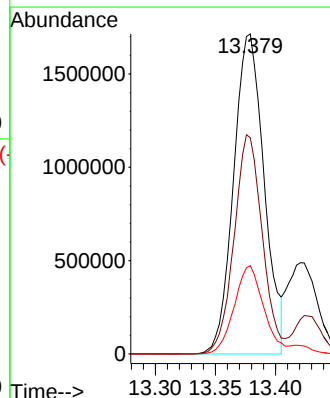
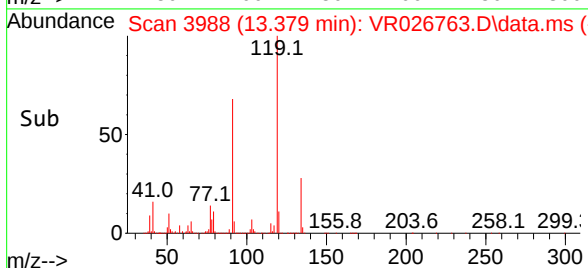
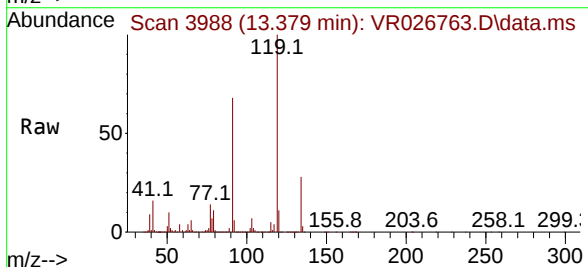
Manual Integrations
APPROVED

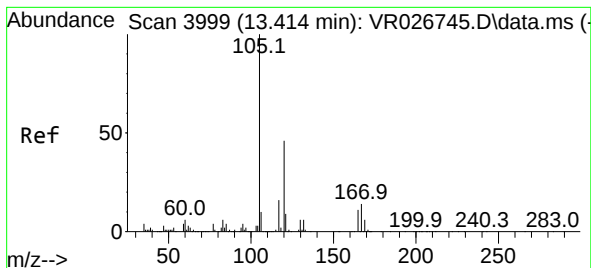
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#82
tert-Butylbenzene
Concen: 52.737 ug/l
RT: 13.379 min Scan# 3988
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

Tgt Ion:119 Resp: 3033709
Ion Ratio Lower Upper
119 100
91 63.5 33.5 100.5
134 26.8 14.9 44.9





#83

1,2,4-Trimethylbenzene

Concen: 55.197 ug/l

RT: 13.427 min Scan# 4003

Delta R.T. 0.013 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 3096820

Ion Ratio Lower Upper

105 100

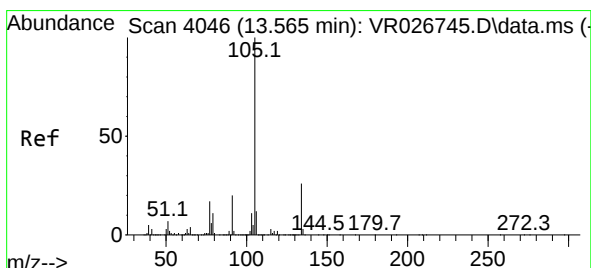
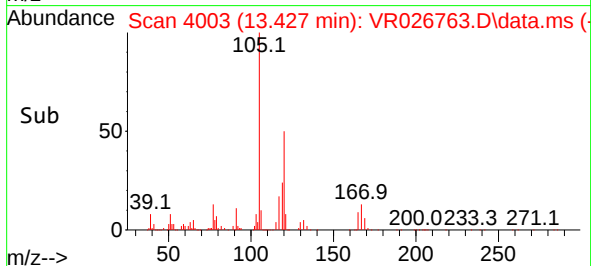
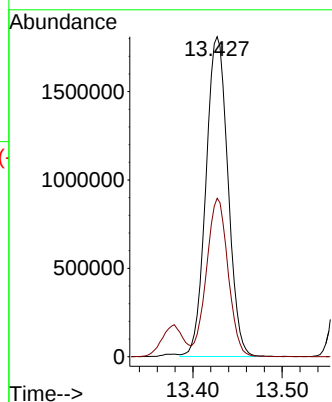
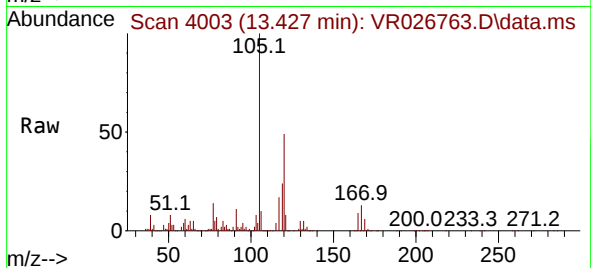
120 48.5 25.3 75.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#84

sec-Butylbenzene

Concen: 53.228 ug/l

RT: 13.578 min Scan# 4050

Delta R.T. 0.013 min

Lab File: VR026763.D

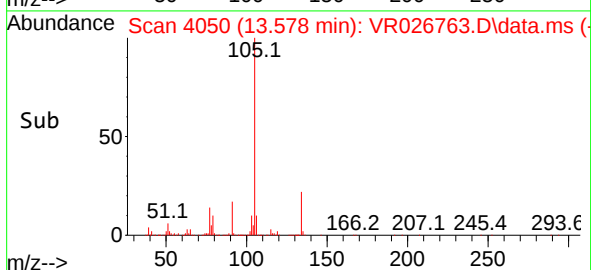
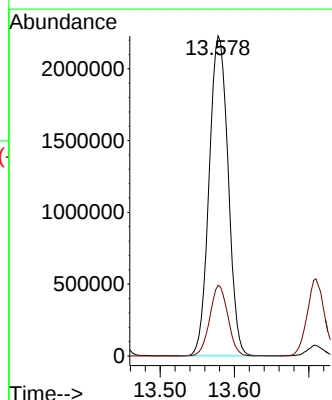
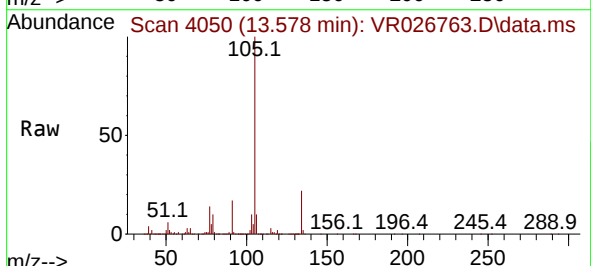
Acq: 25 Aug 2025 16:12

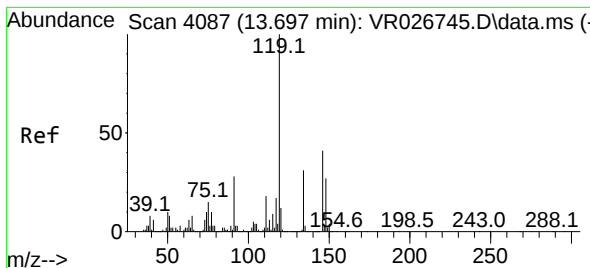
Tgt Ion:105 Resp: 3938438

Ion Ratio Lower Upper

105 100

134 21.1 11.6 34.7





#85

p-Isopropyltoluene

Concen: 54.617 ug/l

RT: 13.710 min Scan# 4091

Delta R.T. 0.013 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 3140254

Ion Ratio Lower Upper

119 100

134 27.5 14.4 43.2

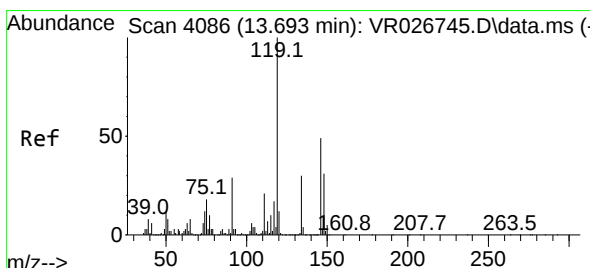
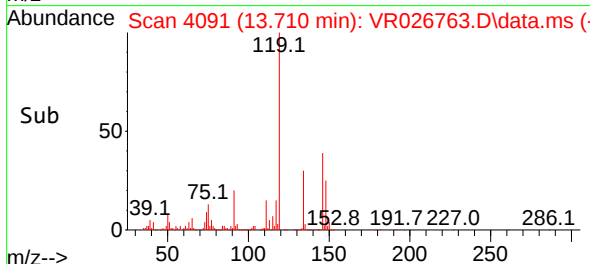
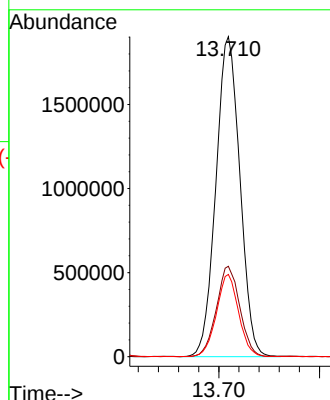
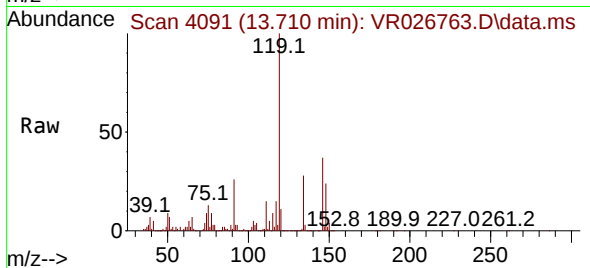
91 23.7 12.7 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#86

1,3-Dichlorobenzene

Concen: 51.071 ug/l

RT: 13.703 min Scan# 4089

Delta R.T. 0.010 min

Lab File: VR026763.D

Acq: 25 Aug 2025 16:12

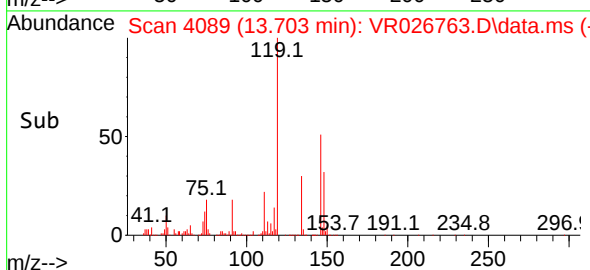
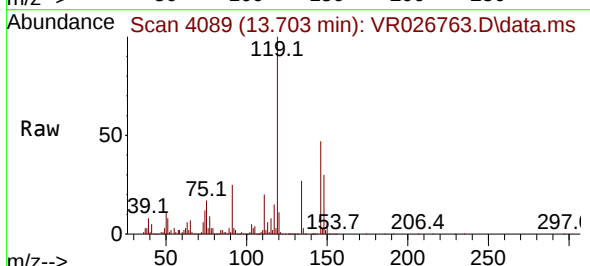
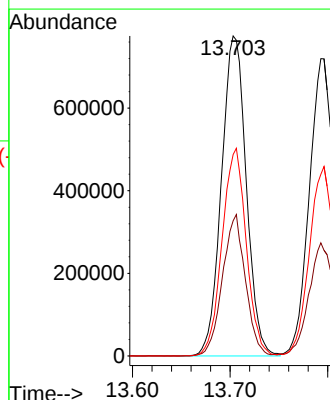
Tgt Ion:146 Resp: 1367941

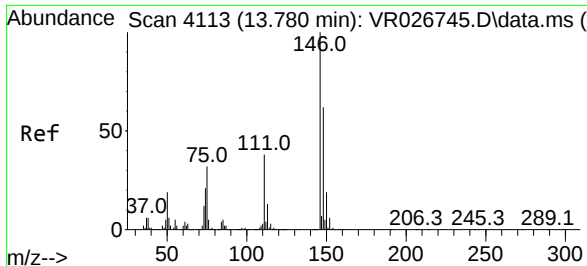
Ion Ratio Lower Upper

146 100

111 41.0 20.9 62.7

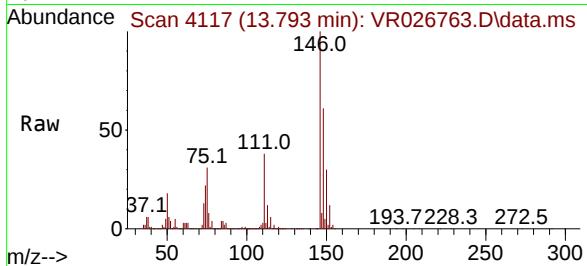
148 63.3 31.8 95.3





#87
1,4-Dichlorobenzene
Concen: 50.279 ug/l
RT: 13.793 min Scan# 4113
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

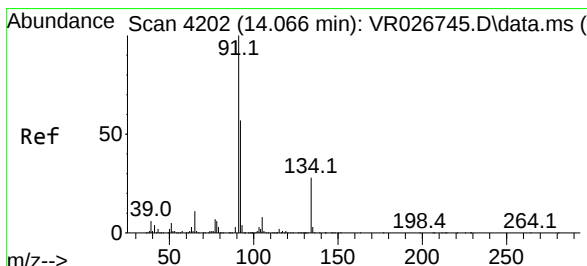
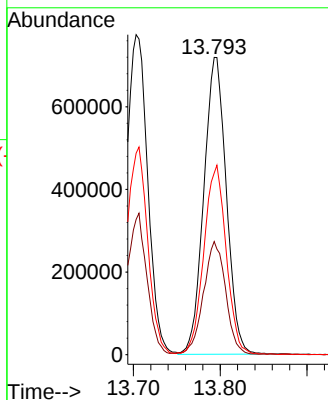
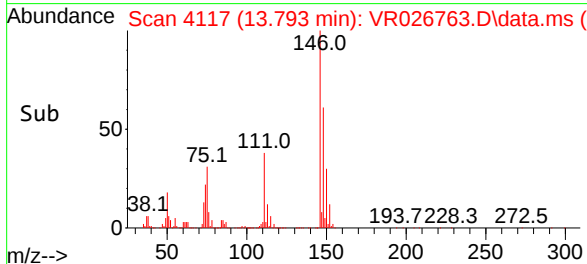
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



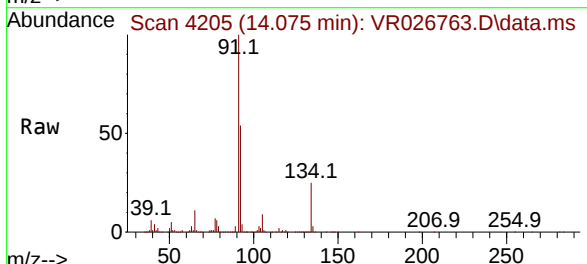
Tgt Ion:146 Resp: 1297480
Ion Ratio Lower Upper
146 100
111 37.3 18.6 55.6
148 63.2 31.5 94.5

Manual Integrations
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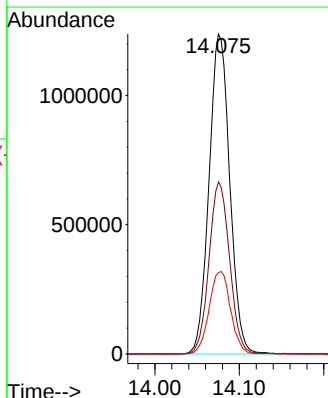
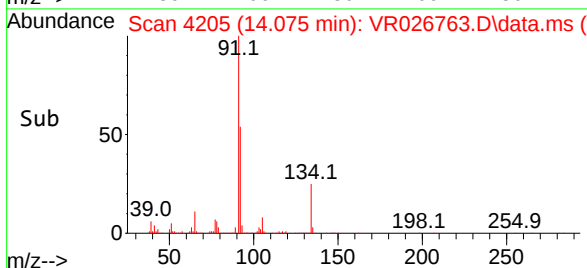
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

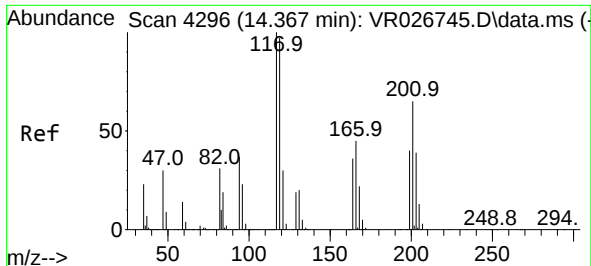


#88
n-Butylbenzene
Concen: 51.296 ug/l
RT: 14.075 min Scan# 4205
Delta R.T. 0.009 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12



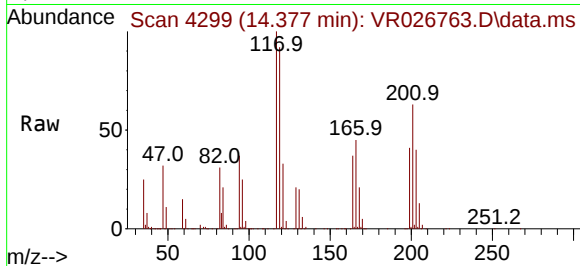
Tgt Ion: 91 Resp: 2107282
Ion Ratio Lower Upper
91 100
92 53.5 27.7 83.0
134 26.7 13.5 40.5





#89
Hexachloroethane
Concen: 55.674 ug/l
RT: 14.377 min Scan# 41
Delta R.T. 0.010 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

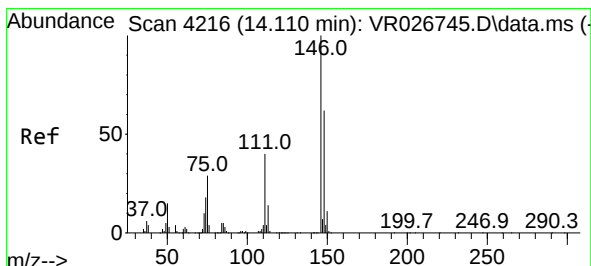
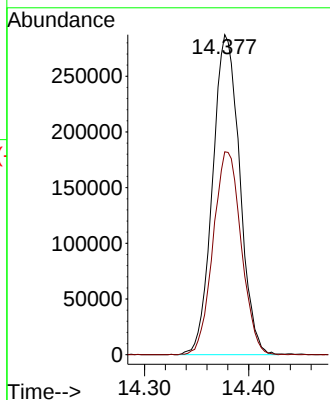
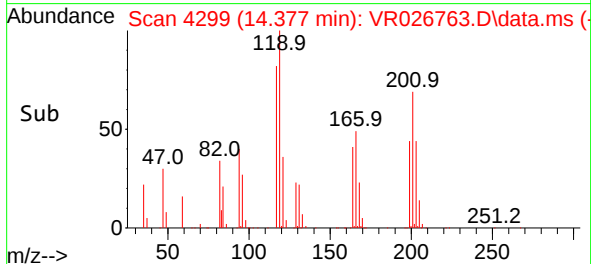
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 51920
Ion Ratio Lower Upper
117 100
201 65.9 33.3 99.9

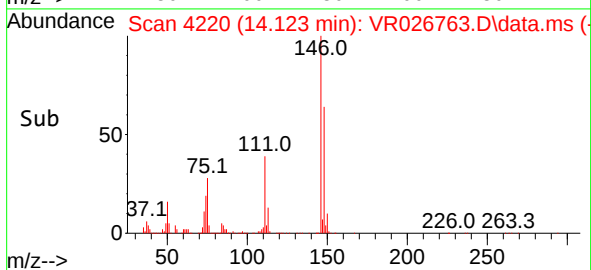
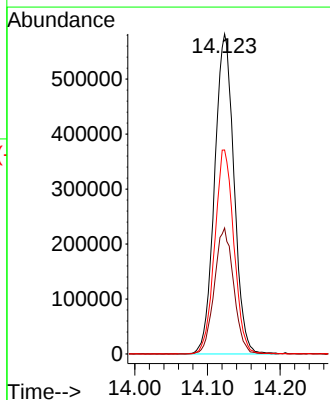
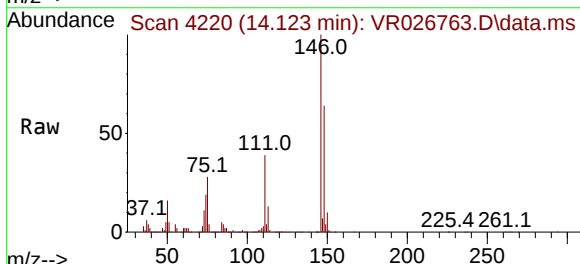
Manual Integrations
APPROVED

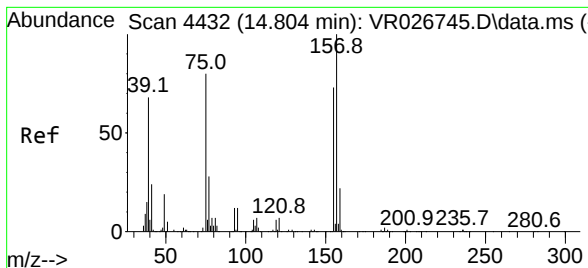
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#90
1,2-Dichlorobenzene
Concen: 47.961 ug/l
RT: 14.123 min Scan# 4220
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

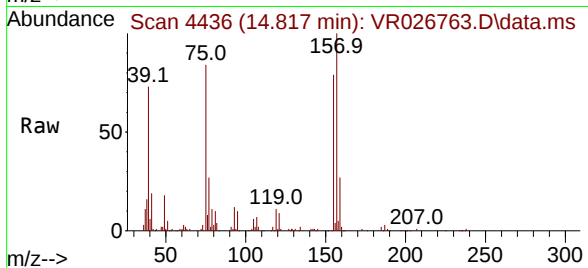
Tgt Ion:146 Resp: 1078838
Ion Ratio Lower Upper
146 100
111 39.1 19.9 59.7
148 63.2 31.5 94.5





#91
 1,2-Dibromo-3-Chloropropane
 Concen: 47.821 ug/l
 RT: 14.817 min Scan# 4432
 Delta R.T. 0.013 min
 Lab File: VR026763.D
 Acq: 25 Aug 2025 16:12

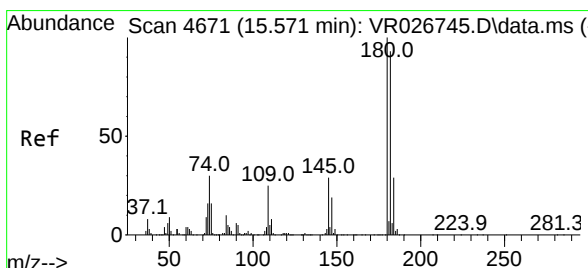
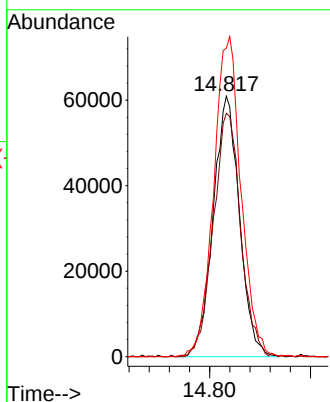
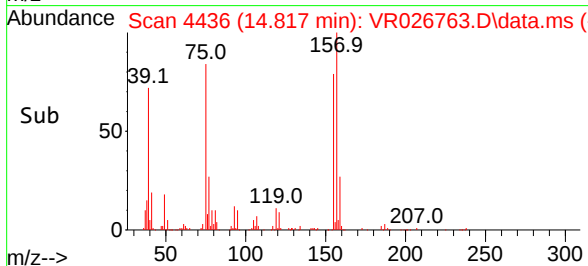
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC



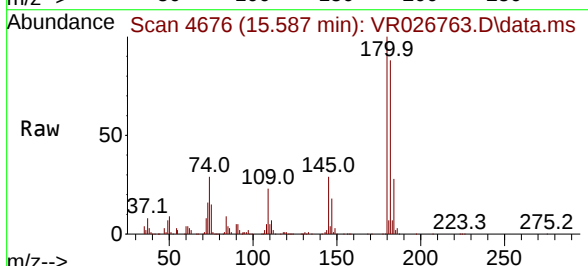
Tgt Ion: 75 Resp: 11042
 Ion Ratio Lower Upper
 75 100
 155 96.7 48.4 145.3
 157 128.0 62.3 186.8

Manual Integrations
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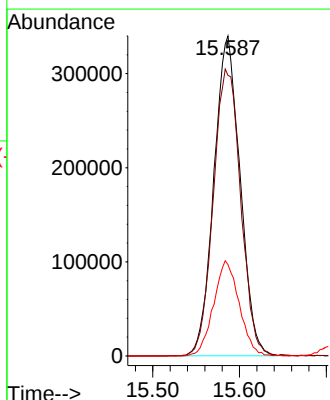
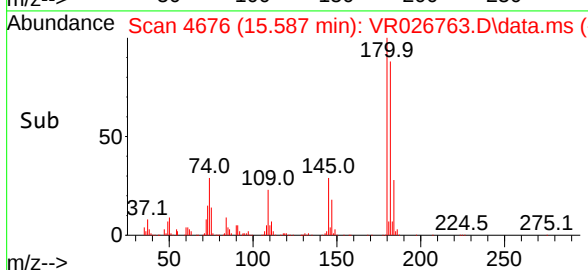
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

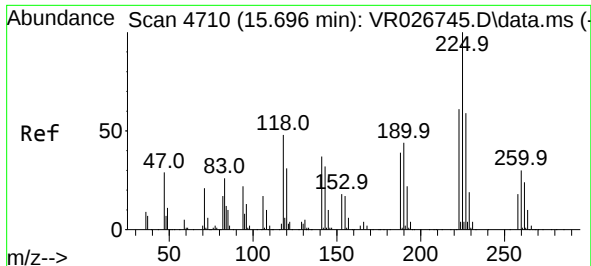


#92
 1,2,4-Trichlorobenzene
 Concen: 48.195 ug/l
 RT: 15.587 min Scan# 4676
 Delta R.T. 0.016 min
 Lab File: VR026763.D
 Acq: 25 Aug 2025 16:12



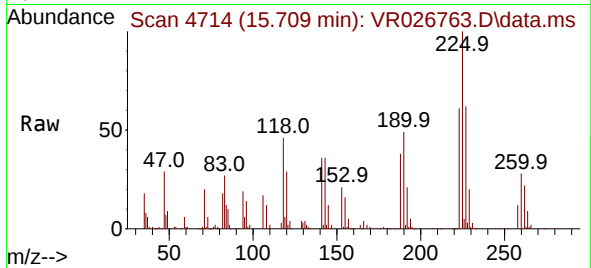
Tgt Ion:180 Resp: 712278
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.1 141.4
 145 29.1 14.4 43.4





#93
Hexachlorobutadiene
Concen: 46.397 ug/l
RT: 15.709 min Scan# 4710
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

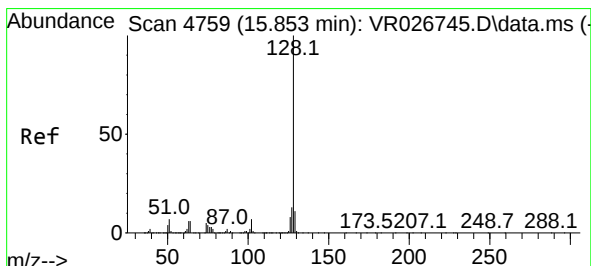
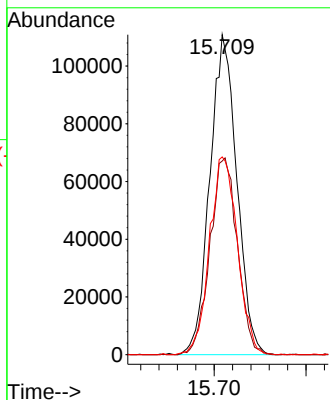
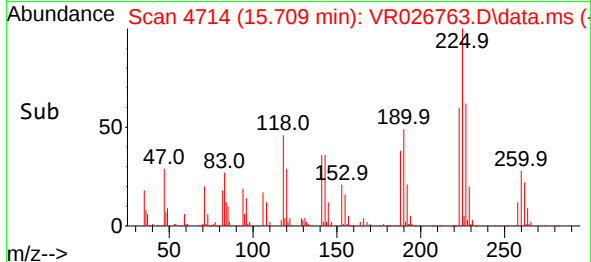
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion:225 Resp: 226014
Ion Ratio Lower Upper
225 100
223 62.4 31.5 94.5
227 63.8 31.3 93.8

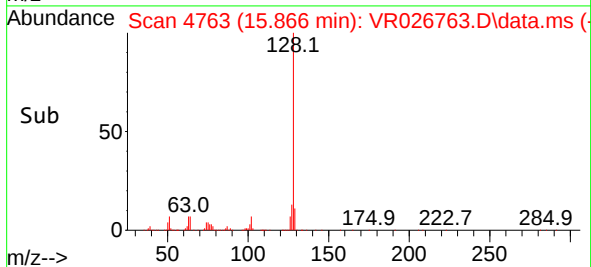
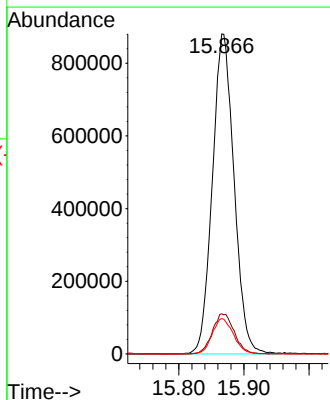
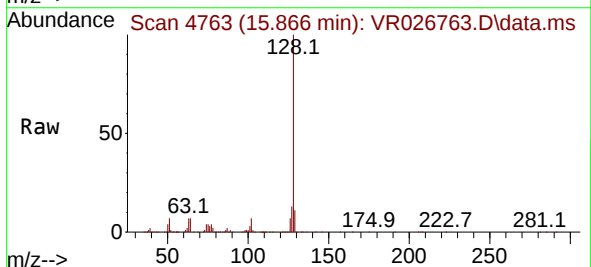
Manual Integrations
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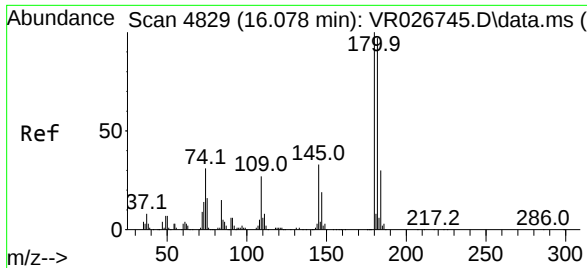
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#94
Naphthalene
Concen: 48.122 ug/l
RT: 15.866 min Scan# 4763
Delta R.T. 0.013 min
Lab File: VR026763.D
Acq: 25 Aug 2025 16:12

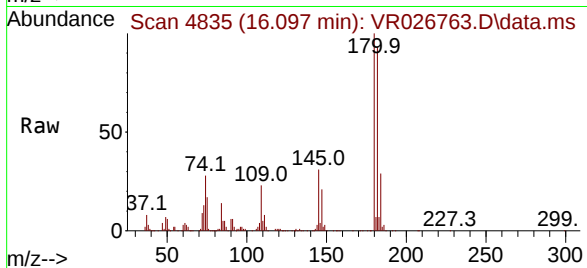
Tgt Ion:128 Resp: 2033573
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.9 8.7 13.1





#95
 1,2,3-Trichlorobenzene
 Concen: 48.369 ug/l
 RT: 16.097 min Scan# 4835
 Delta R.T. 0.019 min
 Lab File: VR026763.D
 Acq: 25 Aug 2025 16:12

Instrument : MSVOA_R
 ClientSampleId : VSTDCCC050EC



Tgt Ion:180 Resp: 69363
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.5 142.6
 145 30.2 15.6 46.8

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

