

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082525\
 Data File : VR026758.D
 Acq On : 25 Aug 2025 11:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Aug 25 22:47:42 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	7.398	168	1564219	50.000	ug/l	0.01
33) 1,4-Difluorobenzene	8.402	114	2638795	50.000	ug/l	0.01
62) Chlorobenzene-d5	11.576	117	2212637	50.000	ug/l	0.01
71) 1,4-Dichlorobenzene-d4	13.771	152	698775	50.000	ug/l	0.01
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.783	65	1056880	53.802	ug/l	0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.600%			
34) Dibromofluoromethane	7.308	113	867207	50.388	ug/l	0.02
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.780%			
49) Toluene-d8	10.083	98	2984968	51.735	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.480%			
61) 4-Bromofluorobenzene	12.705	95	874942	53.446	ug/l	0.01
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.824	85	550474	37.241	ug/l	98
3) Chloromethane	1.827	50	65792	37.410	ug/l #	98
4) Vinyl Chloride	2.129	62	1002960	41.237	ug/l	98
5) Bromomethane	2.446	94	306981	41.111	ug/l	99
6) Chloroethane	2.575	64	665988	56.563	ug/l	97
7) Trichlorofluoromethane	2.873	101	2201725	46.699	ug/l	99
8) Diethyl Ether	3.242	74	775420	51.414	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.553	101	859711	45.633	ug/l	98
10) Methyl Iodide	3.720	142	1017714	50.827	ug/l	99
11) Tert butyl alcohol	4.510	59	726222	240.482	ug/l #	84
12) 1,1-Dichloroethene	3.528	96	923155	45.154	ug/l	97
13) Acrolein	3.419	56	367103	200.499	ug/l	98
14) Allyl chloride	4.057	41	1875922	49.789	ug/l	99
15) Acrylonitrile	4.670	53	3477574	269.256	ug/l	99
16) Acetone	3.618	43	2397894	230.612	ug/l	100
17) Carbon Disulfide	3.813	76	2256715	45.449	ug/l	100
18) Methyl Acetate	4.073	43	1640627	54.163	ug/l	98
19) Methyl tert-butyl Ether	4.734	73	3662444	56.481	ug/l	99
20) Methylene Chloride	4.263	84	1101660	49.671	ug/l	95
21) trans-1,2-Dichloroethene	4.712	96	1076745	50.371	ug/l	98
22) Diisopropyl ether	5.623	45	4407467	56.861	ug/l	99
23) Vinyl Acetate	5.559	43	12440602m	328.587	ug/l	
24) 1,1-Dichloroethane	5.495	63	1946626	51.034	ug/l	99
25) 2-Butanone	6.509	43	4310788	267.015	ug/l	95
26) 2,2-Dichloropropane	6.486	77	1247515	47.740	ug/l	98
27) cis-1,2-Dichloroethene	6.489	96	1306054	53.983	ug/l	99
28) Bromochloromethane	6.871	49	566528	50.184	ug/l #	18
29) Chloroform	7.070	83	1862569	54.348	ug/l	99
30) Cyclohexane	7.378	56	1809566	44.986	ug/l	97
31) 1,1,1-Trichloroethane	7.292	97	1418194	50.962	ug/l	99
35) 1,1-Dichloropropene	7.532	75	1273802	47.526	ug/l	100
36) Ethyl Acetate	6.615	43	1756612	51.231	ug/l	99
37) Carbon Tetrachloride	7.510	117	1142685	47.378	ug/l	98
38) Methylcyclohexane	8.954	83	1551121	46.249	ug/l	97
39) Benzene	7.799	78	4451322	54.099	ug/l	93
40) Methacrylonitrile	6.852	41	954093	53.351	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.885	62	1206387	52.879	ug/l	100
42) Isopropyl Acetate	7.953	43	2731840	56.198	ug/l	98
43) Trichloroethene	8.678	130	861912	48.015	ug/l	97
44) 1,2-Dichloropropane	8.986	63	1033737	52.480	ug/l	100
45) Dibromomethane	9.089	93	680892	54.414	ug/l	99
46) Bromodichloromethane	9.304	83	1274584	54.721	ug/l	99
47) Methyl methacrylate	9.089	41	1338863	56.430	ug/l	99
48) 1,4-Dioxane	9.085	88	327277	1073.767	ug/l	99
50) 4-Methyl-2-Pentanone	9.971	43	6637276	379.603	ug/l	90
51) Toluene	10.157	92	2484079	52.870	ug/l	89
52) t-1,3-Dichloropropene	10.411	75	1278593	57.958	ug/l	98
53) cis-1,3-Dichloropropene	9.798	75	1507472	56.326	ug/l	98
54) 1,1,2-Trichloroethane	10.613	97	919028	55.107	ug/l	99
55) Ethyl methacrylate	10.475	69	1652887	57.621	ug/l	99
56) 1,3-Dichloropropane	10.777	76	1573454	55.976	ug/l	100
57) 2-Chloroethyl Vinyl ether	9.641	63	446197	236.138	ug/l	99
58) 2-Hexanone	10.838	43	4906772	298.718	ug/l	91
59) Dibromochloromethane	10.998	129	904461	57.658	ug/l	100
60) 1,2-Dibromoethane	11.114	107	833223	55.281	ug/l	99
63) Tetrachloroethene	10.696	164	706932	45.472	ug/l	97
64) Chlorobenzene	11.605	112	2551904	51.828	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.691	131	861905	52.136	ug/l	99
66) Ethyl Benzene	11.694	91	4434977	53.872	ug/l #	85
67) m/p-Xylenes	11.820	106	3677890	106.764	ug/l	86
68) o-Xylene	12.192	106	1796331	51.462	ug/l	91
69) Styrene	12.208	104	2873231	55.936	ug/l	95
70) Bromoform	12.391	173	512016	57.438	ug/l #	100
72) Isopropylbenzene	12.532	105	3912990	51.588	ug/l	93
73) N-amyl acetate	12.330	43	1661802	60.684	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.814	83	1182057	54.439	ug/l	99
75) 1,2,3-Trichloropropane	12.872	75	918390m	53.317	ug/l	
76) Bromobenzene	12.846	156	863495	52.009	ug/l	99
77) n-propylbenzene	12.923	91	4245046	52.203	ug/l	94
78) 2-Chlorotoluene	13.016	91	2541194	52.916	ug/l	98
79) 1,3,5-Trimethylbenzene	13.081	105	2988969	52.769	ug/l	97
80) trans-1,4-Dichloro-2-b...	12.586	75	338194	49.340	ug/l	99
81) 4-Chlorotoluene	13.126	91	2379299	54.072	ug/l	99
82) tert-Butylbenzene	13.376	119	2699934	50.986	ug/l	94
83) 1,2,4-Trimethylbenzene	13.427	105	2818181	54.565	ug/l	97
84) sec-Butylbenzene	13.578	105	3497876	51.354	ug/l	96
85) p-Isopropyltoluene	13.706	119	2770464	52.344	ug/l	96
86) 1,3-Dichlorobenzene	13.703	146	1256914	50.975	ug/l	99
87) 1,4-Dichlorobenzene	13.793	146	1205287	50.738	ug/l	100
88) n-Butylbenzene	14.075	91	1874753	49.574	ug/l	98
89) Hexachloroethane	14.377	117	441877	51.471	ug/l	98
90) 1,2-Dichlorobenzene	14.120	146	1040680	50.257	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.813	75	109874	50.653	ug/l	97
92) 1,2,4-Trichlorobenzene	15.584	180	681011	50.056	ug/l	99
93) Hexachlorobutadiene	15.709	225	213835	47.685	ug/l	100
94) Naphthalene	15.866	128	1954985	50.255	ug/l	99
95) 1,2,3-Trichlorobenzene	16.094	180	670609	50.799	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						

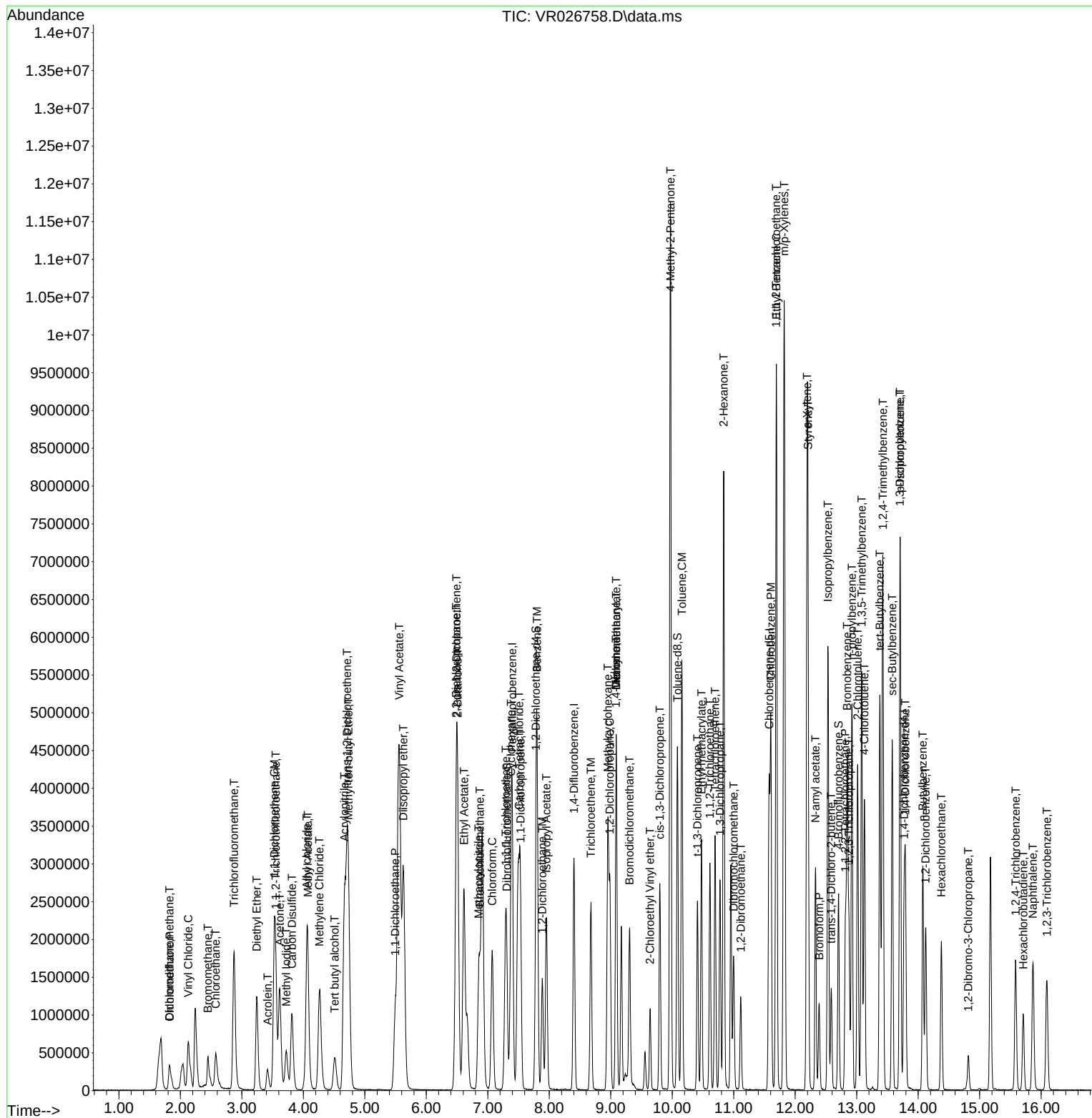
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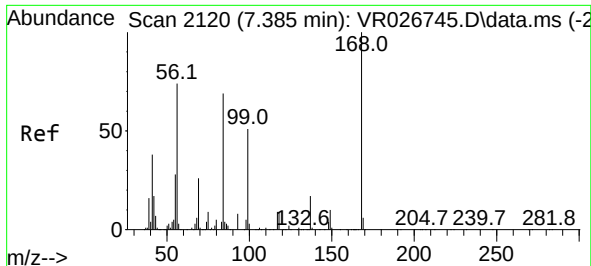
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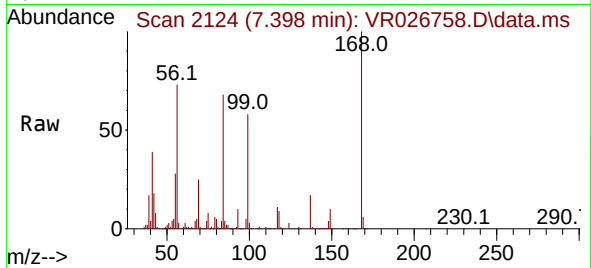
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.398 min Scan# 2120
Delta R.T. 0.013 min
Lab File: VR026758.D
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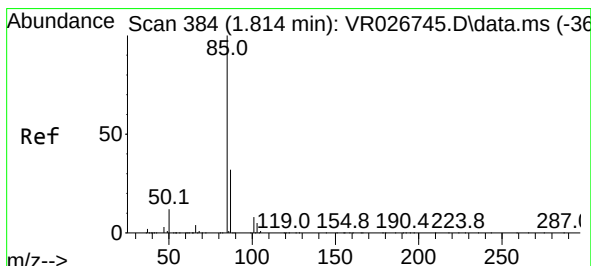
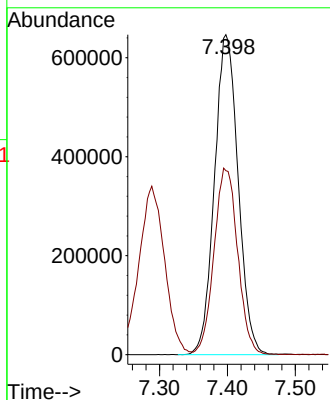
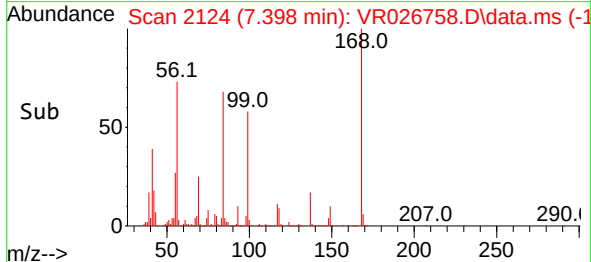
Instrument :
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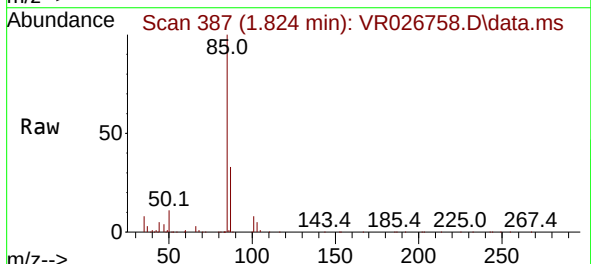
Tgt Ion:168 Resp: 1564219
Ion Ratio Lower Upper
168 100
99 57.4 47.1 70.7

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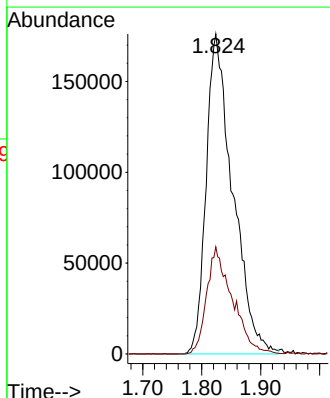
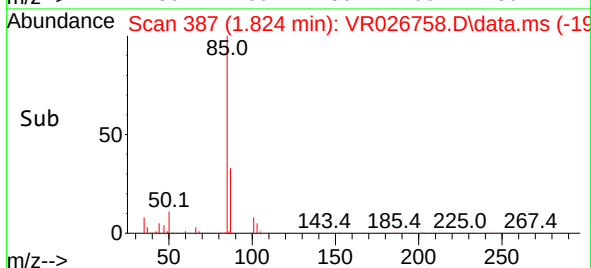
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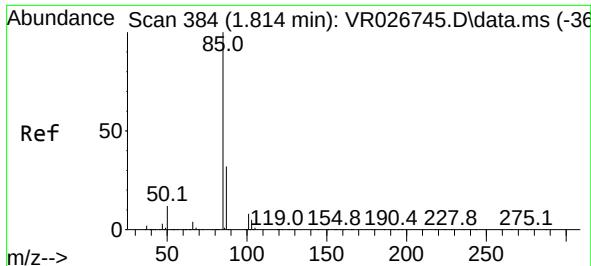


#2
Dichlorodifluoromethane
Concen: 37.241 ug/l
RT: 1.824 min Scan# 387
Delta R.T. 0.010 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48



Tgt Ion: 85 Resp: 550474
Ion Ratio Lower Upper
85 100
87 33.4 16.1 48.2





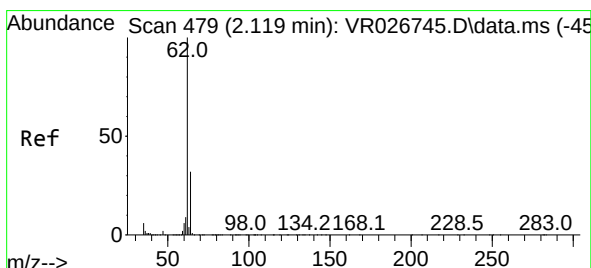
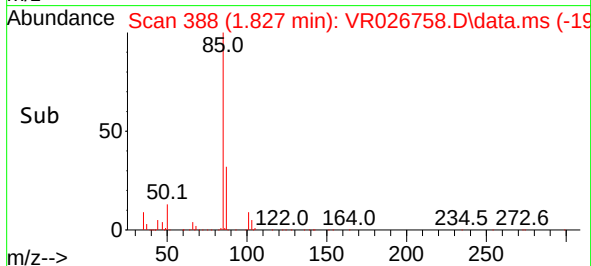
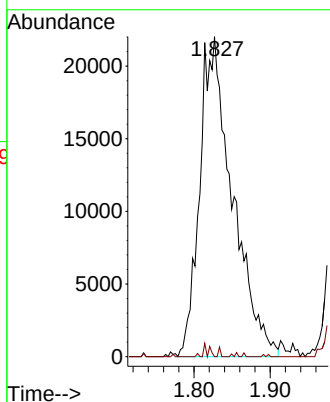
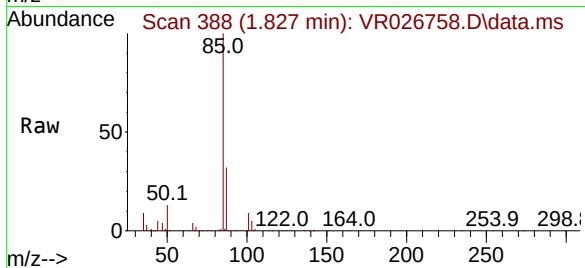
#3
Chloromethane
Concen: 37.410 ug/l
RT: 1.827 min Scan# 388
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Instrument :
MSVOA_R
ClientSampleId :
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Tgt Ion: 50 Resp: 65792
Ion Ratio Lower Upper
50 100
52 0.0 0.6 1.0

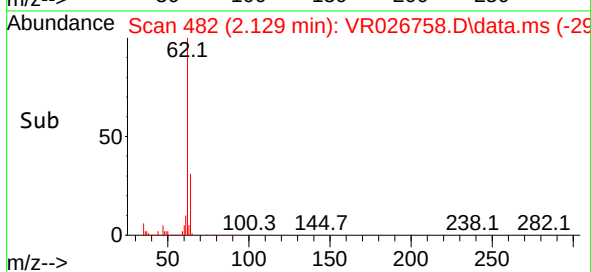
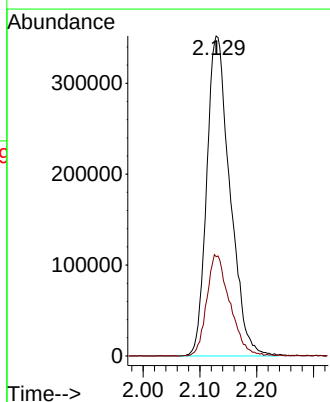
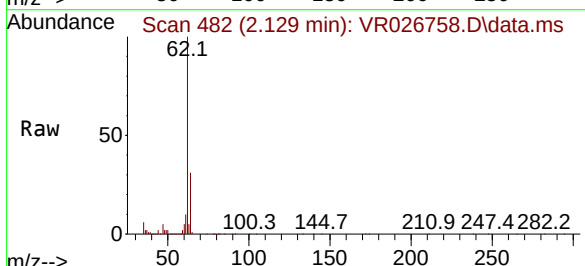
Manual Integrations
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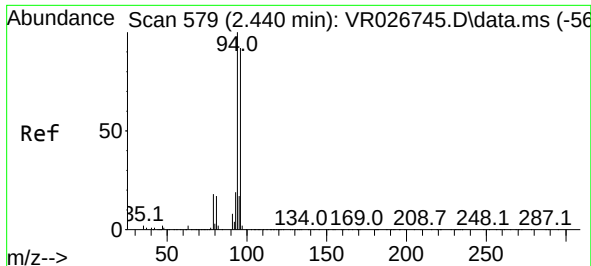
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#4
Vinyl Chloride
Concen: 41.237 ug/l
RT: 2.129 min Scan# 482
Delta R.T. 0.010 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Tgt Ion: 62 Resp: 1002960
Ion Ratio Lower Upper
62 100
64 31.1 25.5 38.3





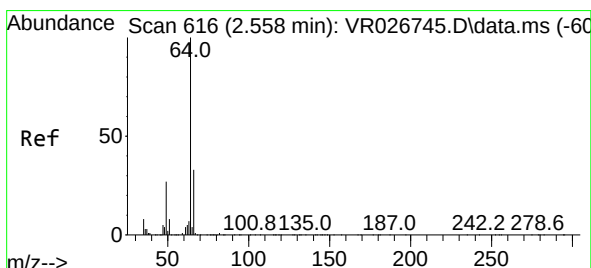
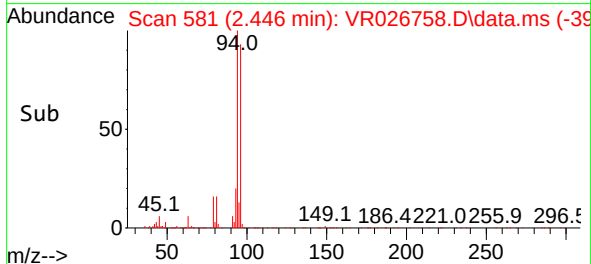
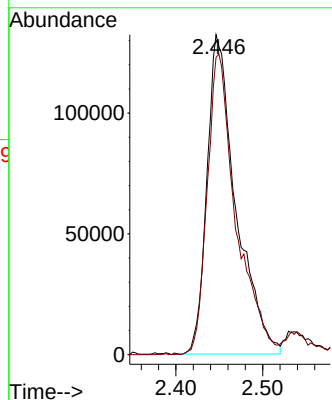
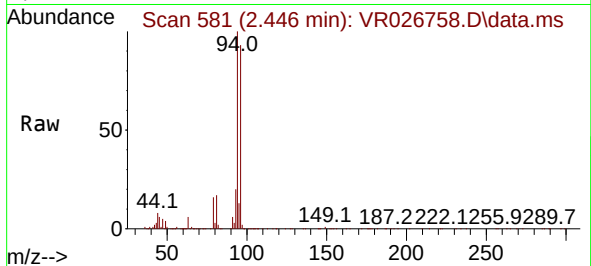
#5
Bromomethane
Concen: 41.111 ug/l
RT: 2.446 min Scan# 579
Delta R.T. 0.006 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Instrument :
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Tgt Ion: 94 Resp: 30698
Ion Ratio Lower Upper
94 100
96 93.1 73.8 110.6

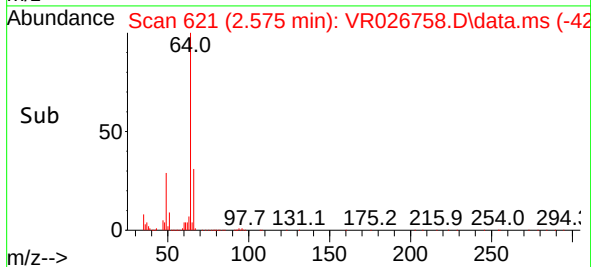
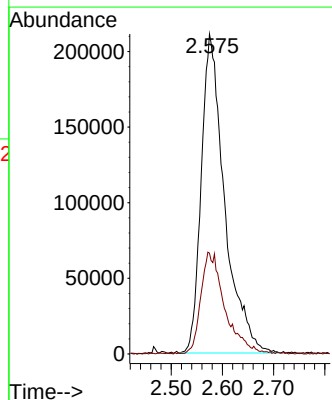
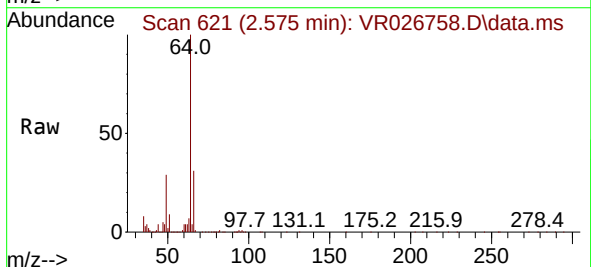
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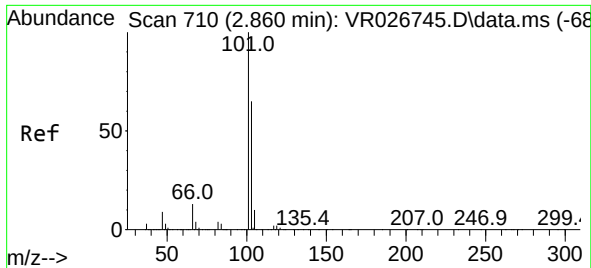
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#6
Chloroethane
Concen: 56.563 ug/l
RT: 2.575 min Scan# 621
Delta R.T. 0.017 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

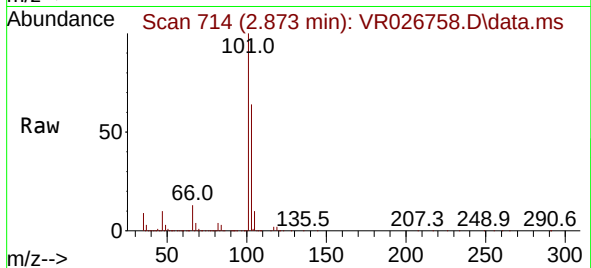
Tgt Ion: 64 Resp: 665988
Ion Ratio Lower Upper
64 100
66 31.4 26.6 40.0





#7
Trichlorofluoromethane
Concen: 46.699 ug/l
RT: 2.873 min Scan# 710
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

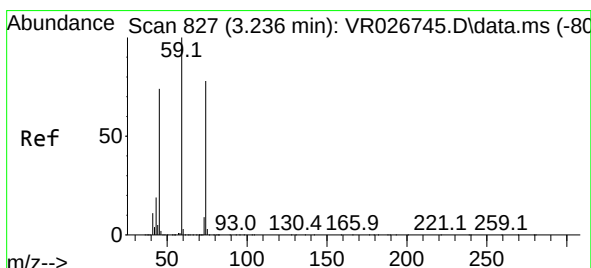
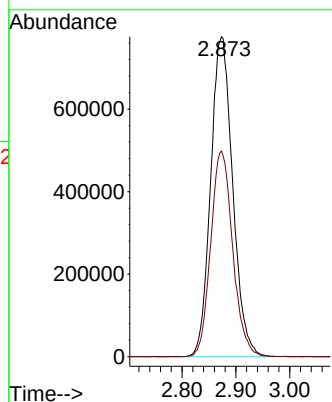
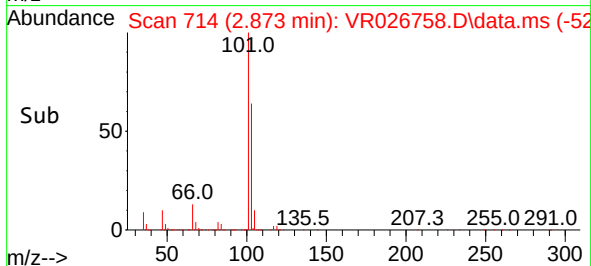
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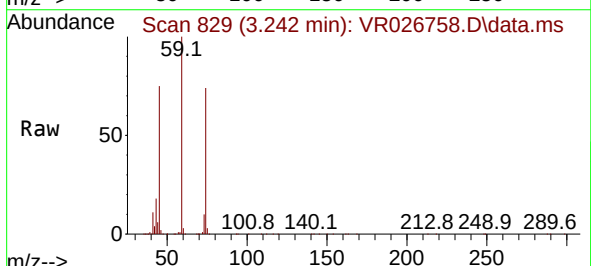
Tgt Ion:101 Resp: 2201725
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

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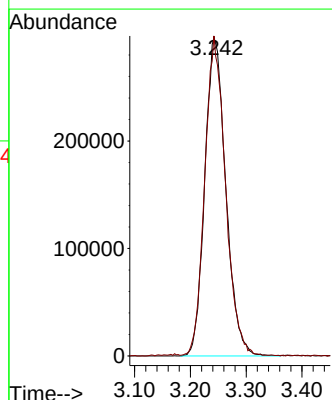
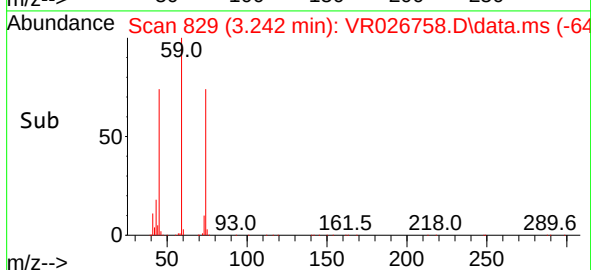
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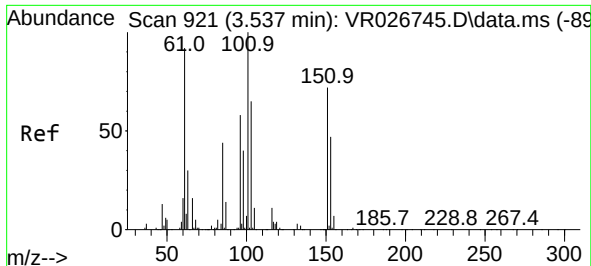


#8
Diethyl Ether
Concen: 51.414 ug/l
RT: 3.242 min Scan# 829
Delta R.T. 0.007 min
Lab File: VR026758.D
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Tgt Ion: 74 Resp: 775420
Ion Ratio Lower Upper
74 100
45 98.5 47.5 142.6





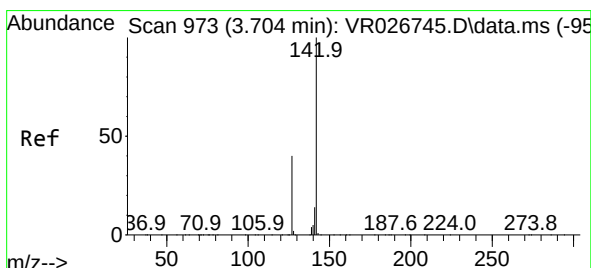
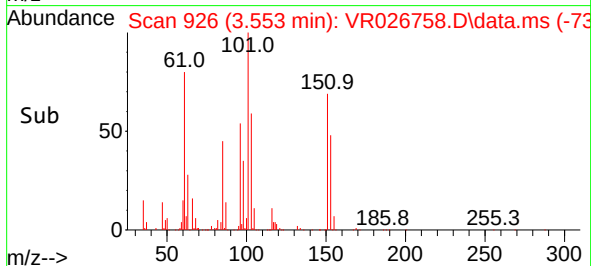
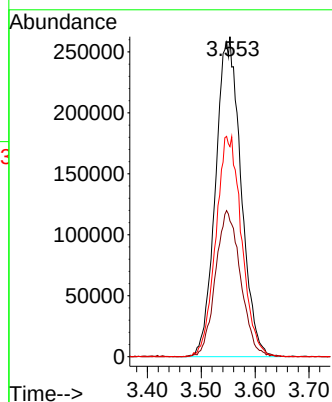
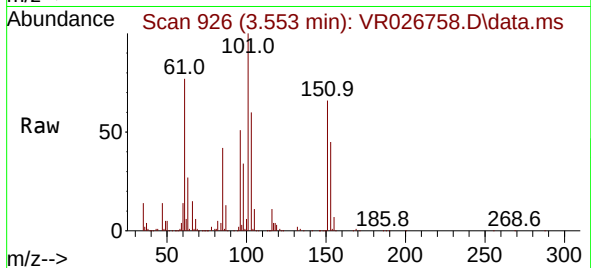
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.633 ug/l
RT: 3.553 min Scan# 91
Delta R.T. 0.016 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 85971
Ion Ratio Lower Upper
101 100
85 45.1 35.4 53.0
151 70.0 57.2 85.8

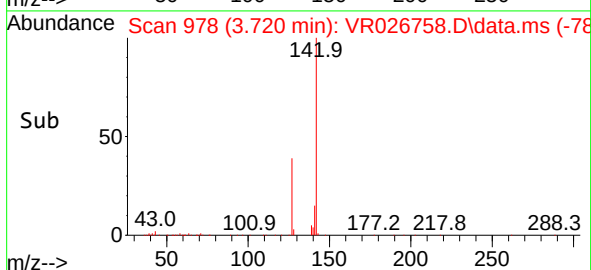
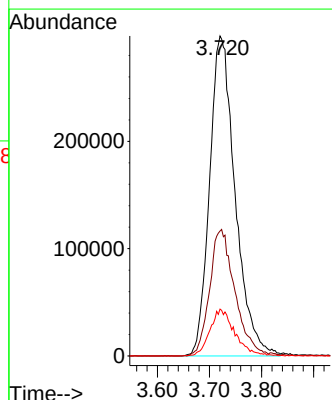
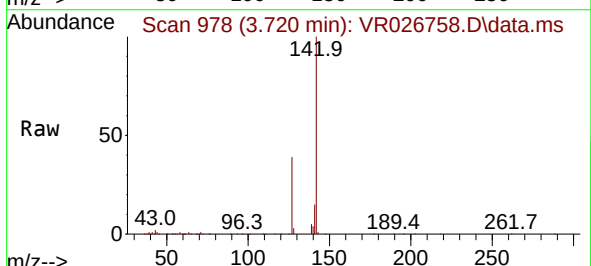
Manual Integrations
APPROVED

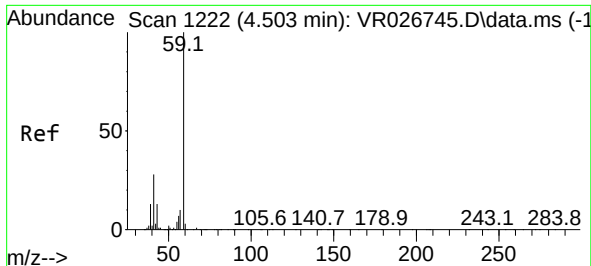
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#10
Methyl Iodide
Concen: 50.827 ug/l
RT: 3.720 min Scan# 978
Delta R.T. 0.016 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

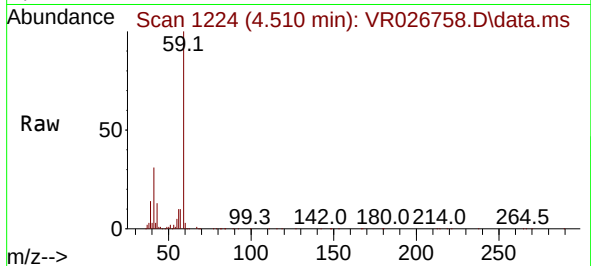
Tgt Ion:142 Resp: 1017714
Ion Ratio Lower Upper
142 100
127 39.0 31.0 46.4
141 14.2 10.9 16.3





#11
Tert butyl alcohol
Concen: 240.482 ug/l
RT: 4.510 min Scan# 11
Delta R.T. 0.007 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

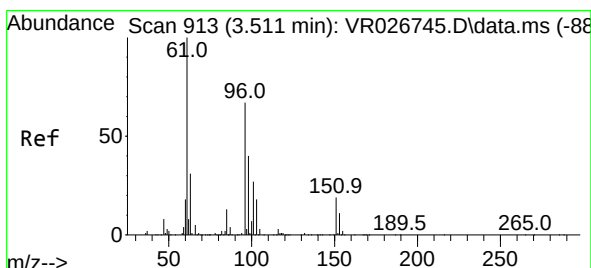
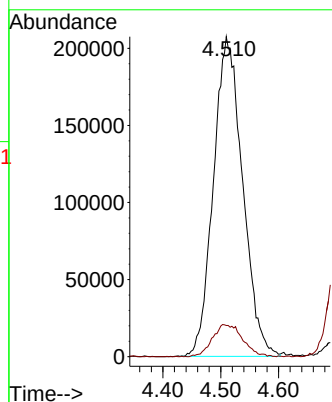
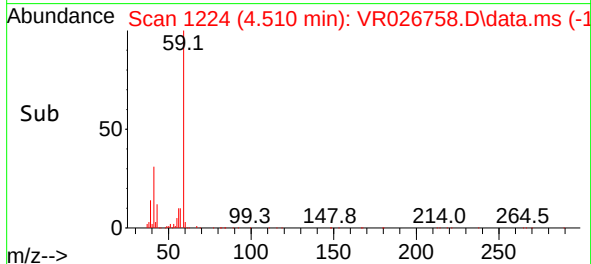
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 72622
Ion Ratio Lower Upper
59 100
57 10.2 3.8 5.8

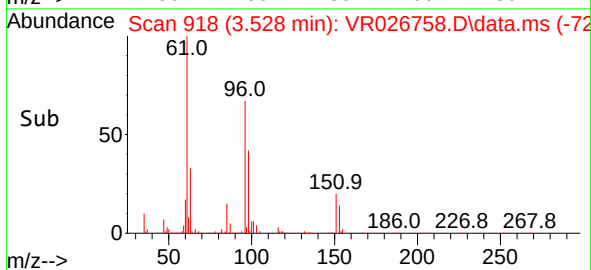
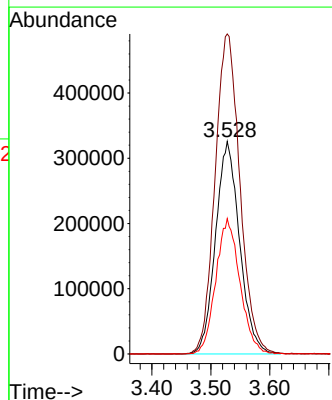
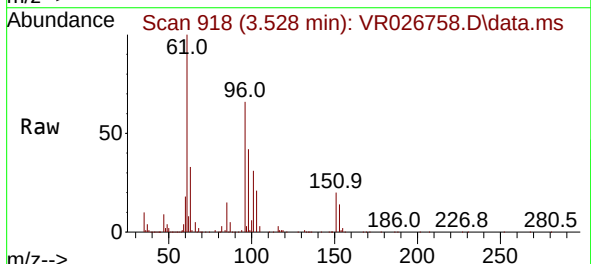
Manual Integrations
APPROVED

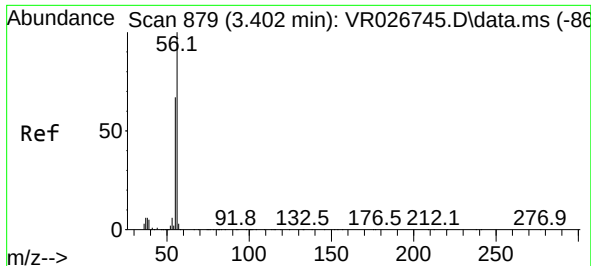
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#12
1,1-Dichloroethene
Concen: 45.154 ug/l
RT: 3.528 min Scan# 918
Delta R.T. 0.016 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

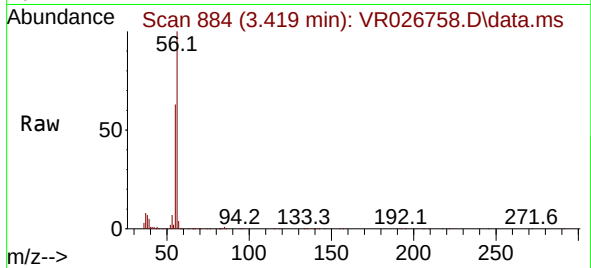
Tgt Ion: 96 Resp: 923155
Ion Ratio Lower Upper
96 100
61 150.5 118.7 178.1
98 63.7 47.7 71.5





#13
Acrolein
Concen: 200.499 ug/l
RT: 3.419 min Scan# 884
Delta R.T. 0.017 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

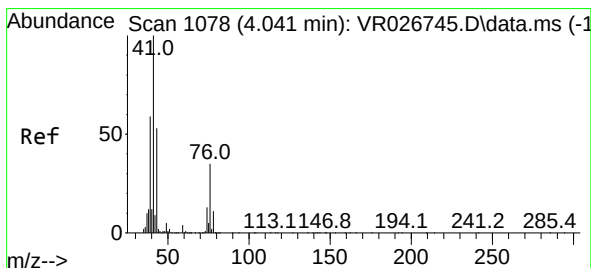
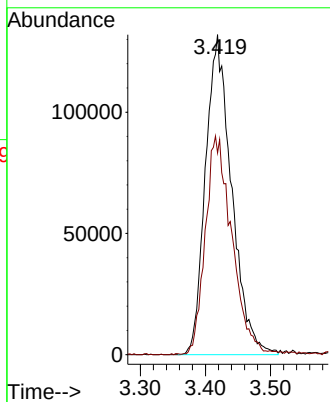
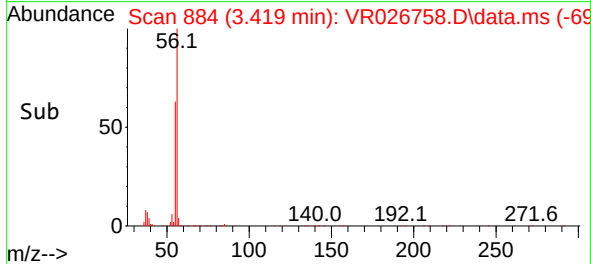
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



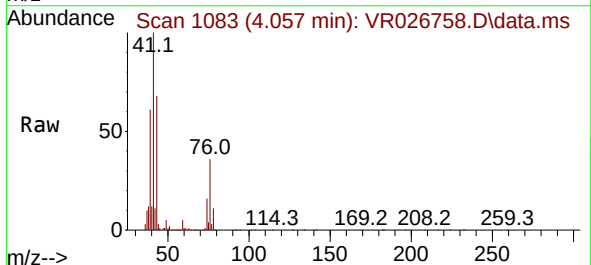
Tgt Ion: 56 Resp: 36710
Ion Ratio Lower Upper
56 100
55 69.3 56.9 85.3

Manual Integrations
APPROVED

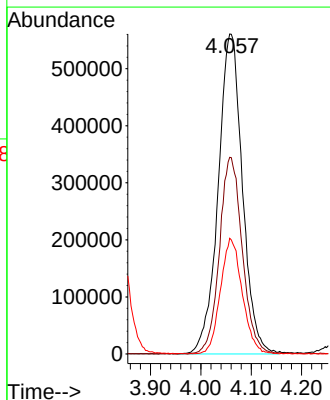
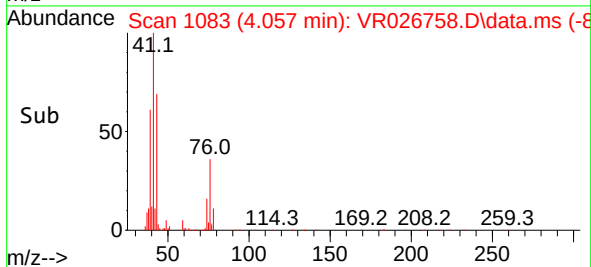
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

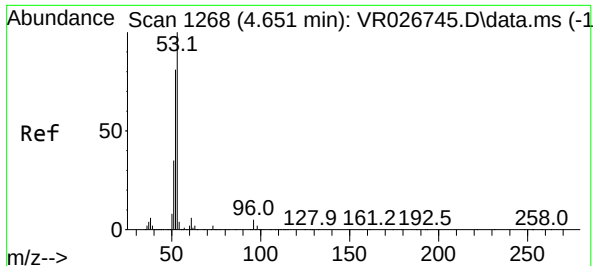


#14
Allyl chloride
Concen: 49.789 ug/l
RT: 4.057 min Scan# 1083
Delta R.T. 0.016 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48



Tgt Ion: 41 Resp: 1875922
Ion Ratio Lower Upper
41 100
39 57.9 45.8 68.6
76 32.4 26.4 39.6





#15

Acrylonitrile

Concen: 269.256 ug/l

RT: 4.670 min Scan# 11

Delta R.T. 0.019 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 3477574

Ion Ratio Lower Upper

53 100

52 81.1 65.7 98.5

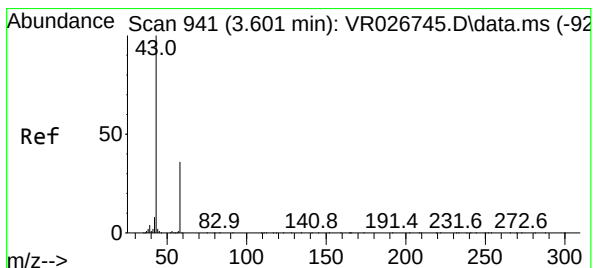
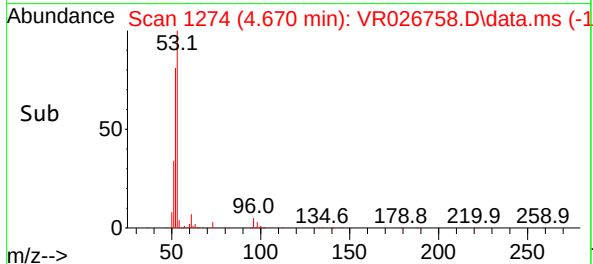
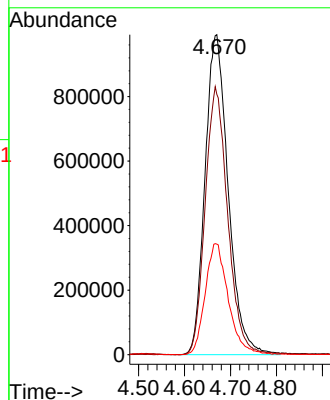
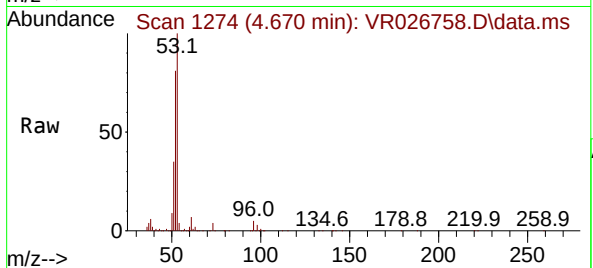
51 34.5 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#16

Acetone

Concen: 230.612 ug/l

RT: 3.618 min Scan# 946

Delta R.T. 0.017 min

Lab File: VR026758.D

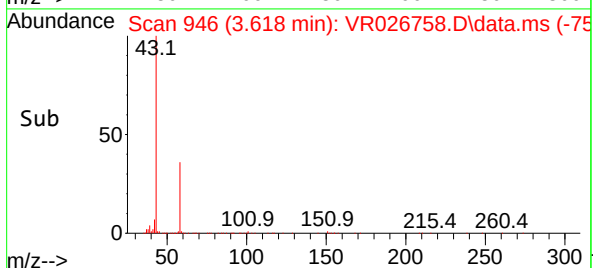
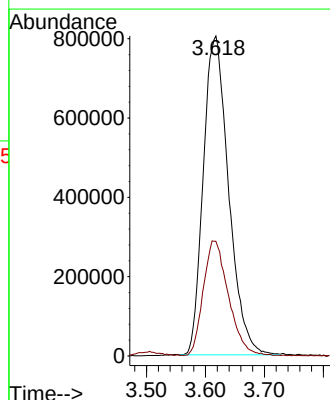
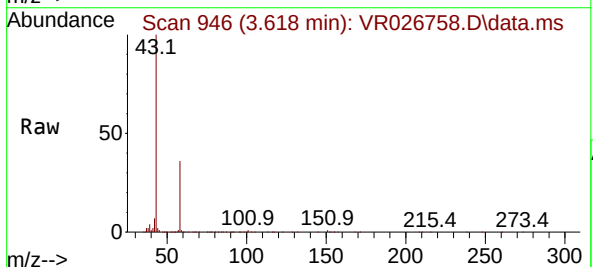
Acq: 25 Aug 2025 11:48

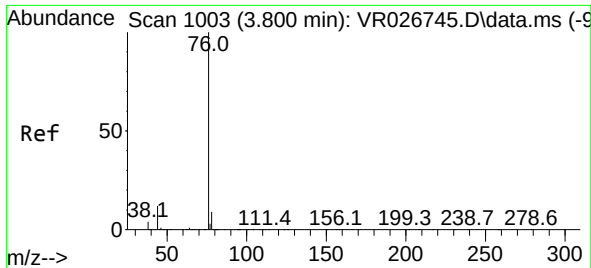
Tgt Ion: 43 Resp: 2397894

Ion Ratio Lower Upper

43 100

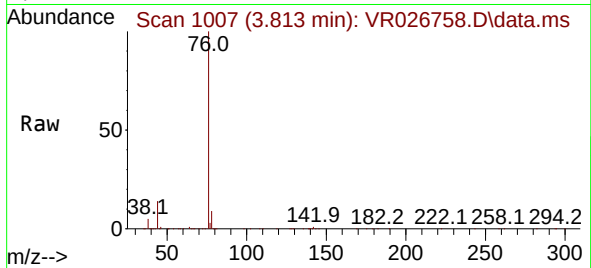
58 35.8 28.6 43.0





#17
Carbon Disulfide
Concen: 45.449 ug/l
RT: 3.813 min Scan# 1007
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

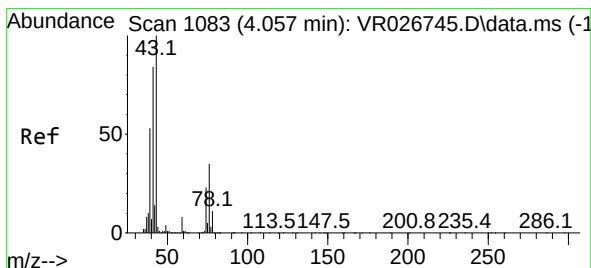
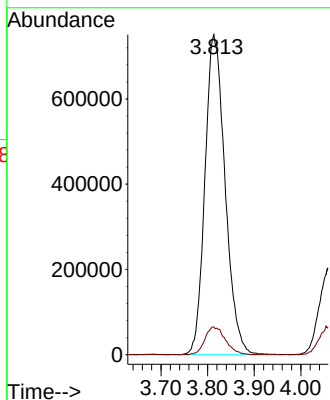
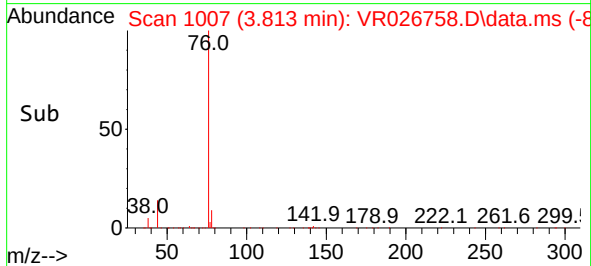
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



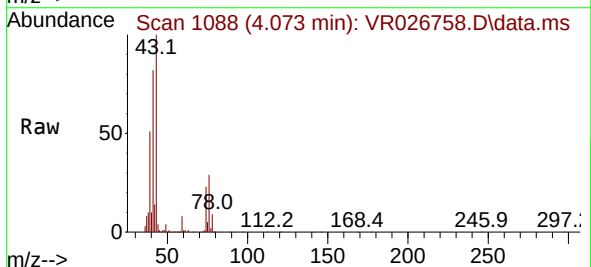
Tgt Ion: 76 Resp: 225671
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

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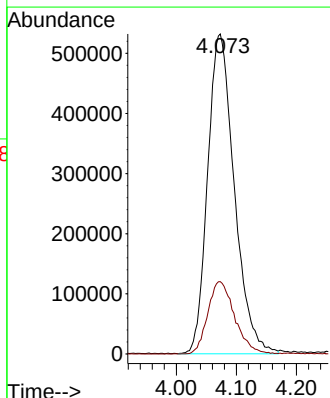
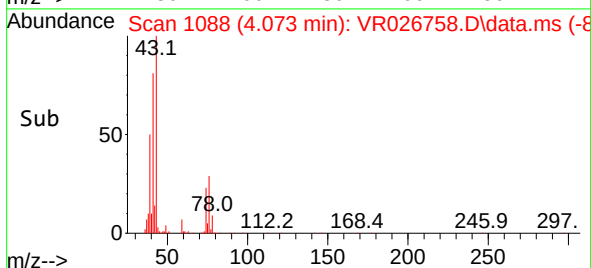
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

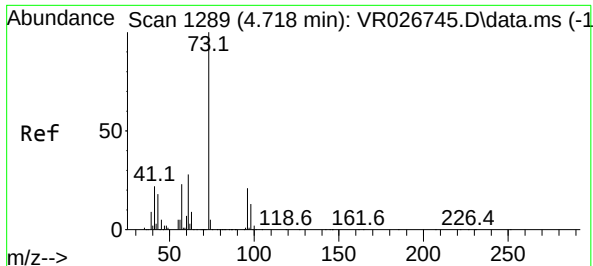


#18
Methyl Acetate
Concen: 54.163 ug/l
RT: 4.073 min Scan# 1088
Delta R.T. 0.016 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48



Tgt Ion: 43 Resp: 1640627
Ion Ratio Lower Upper
43 100
74 22.9 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 56.481 ug/l

RT: 4.734 min Scan# 11

Delta R.T. 0.016 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 366244

Ion Ratio Lower Upper

73 100

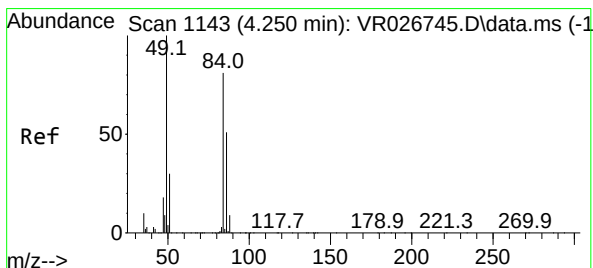
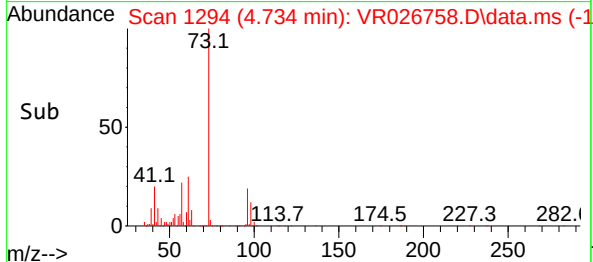
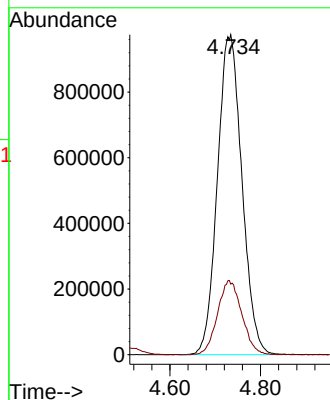
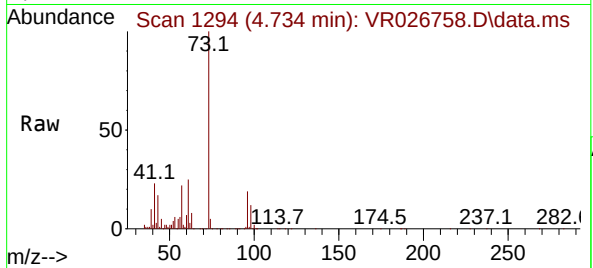
57 22.1 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#20

Methylene Chloride

Concen: 49.671 ug/l

RT: 4.263 min Scan# 1147

Delta R.T. 0.013 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

Tgt Ion: 84 Resp: 1101660

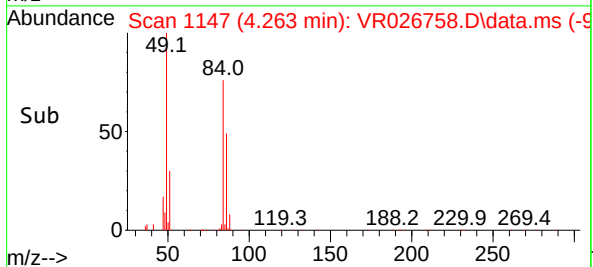
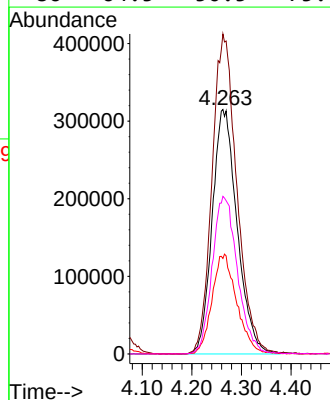
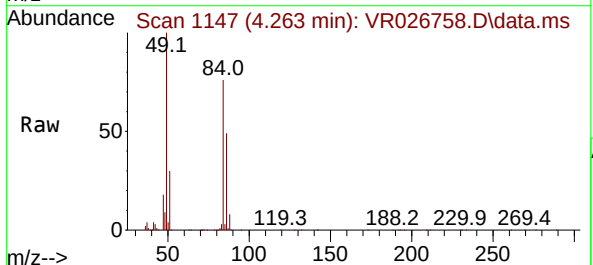
Ion Ratio Lower Upper

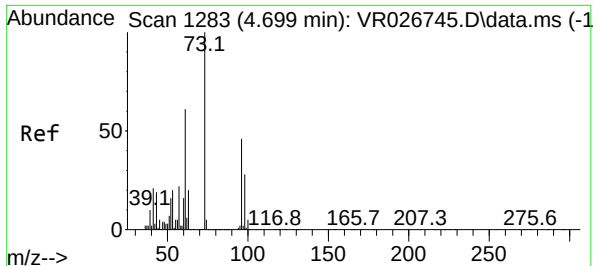
84 100

49 130.9 98.8 148.2

51 39.1 29.4 44.2

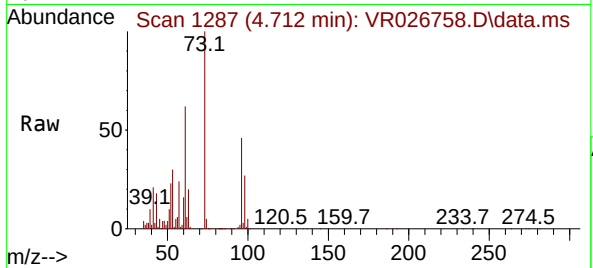
86 64.5 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 50.371 ug/l
RT: 4.712 min Scan# 1571
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

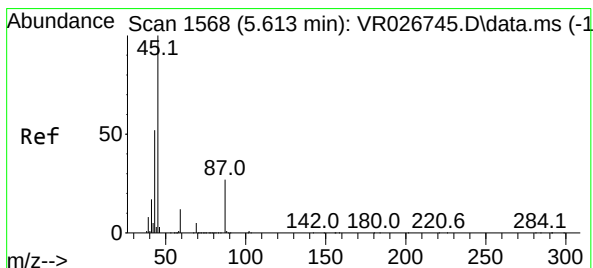
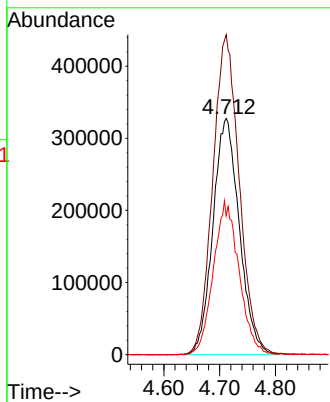
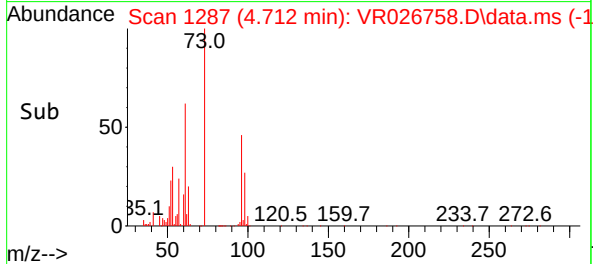
Instrument : MSVOA_R
ClientSampleId : VSTDCCC050



Tgt Ion: 96 Resp: 107674
Ion Ratio Lower Upper
96 100
61 135.5 107.1 160.7
98 58.8 49.7 74.5

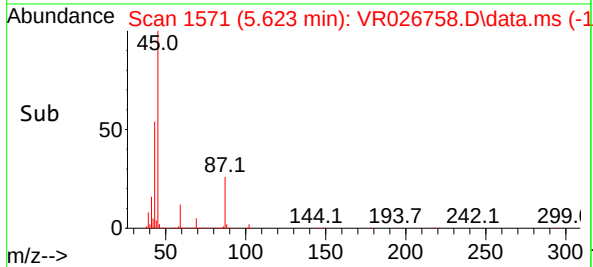
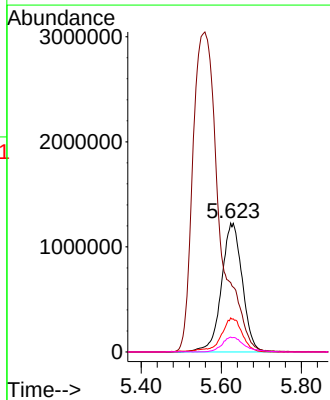
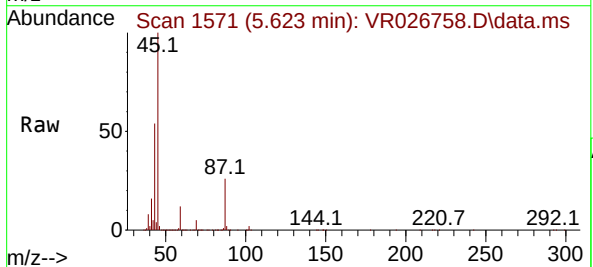
Manual Integrations
APPROVED

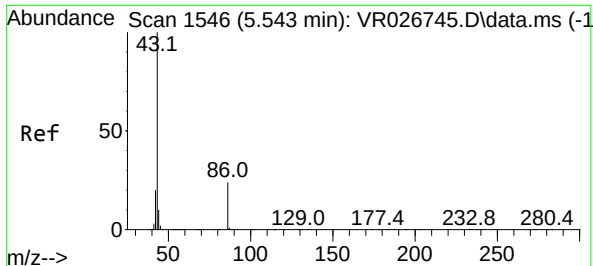
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#22
Diisopropyl ether
Concen: 56.861 ug/l
RT: 5.623 min Scan# 1571
Delta R.T. 0.010 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Tgt Ion: 45 Resp: 4407467
Ion Ratio Lower Upper
45 100
43 53.4 41.8 62.8
87 26.4 21.7 32.5
59 11.4 9.7 14.5





#23

Vinyl Acetate

Concen: 328.587 ug/l m

RT: 5.559 min Scan# 1

Delta R.T. 0.016 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp:1244060

Ion Ratio Lower Upper

43 100

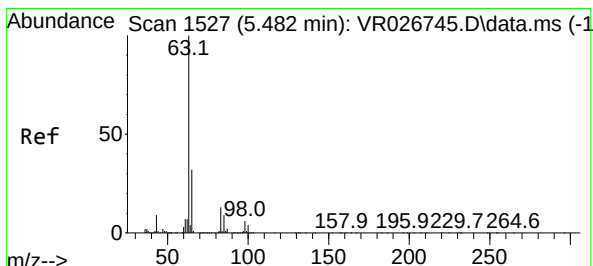
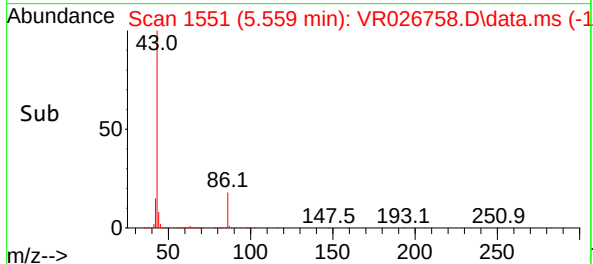
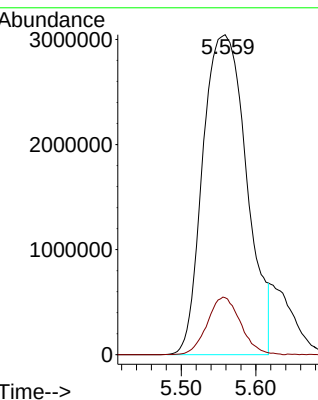
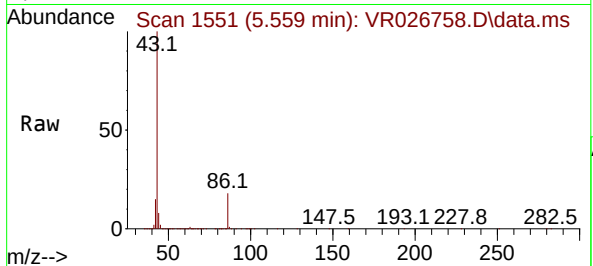
86 17.8 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#24

1,1-Dichloroethane

Concen: 51.034 ug/l

RT: 5.495 min Scan# 1531

Delta R.T. 0.013 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

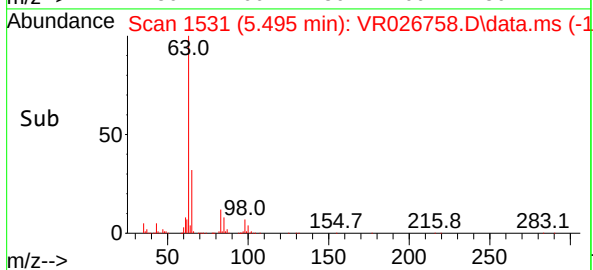
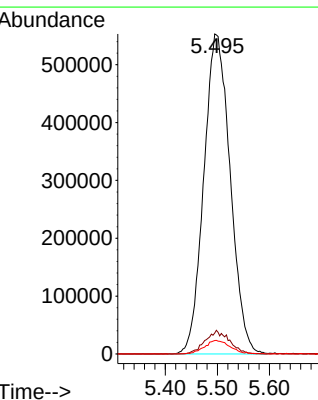
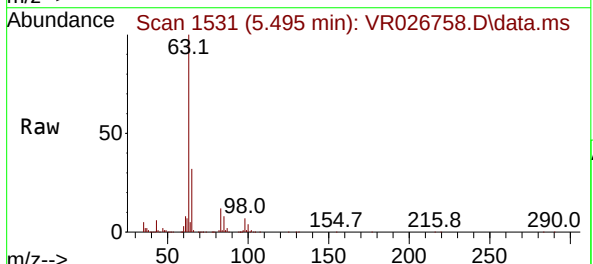
Tgt Ion: 63 Resp: 1946626

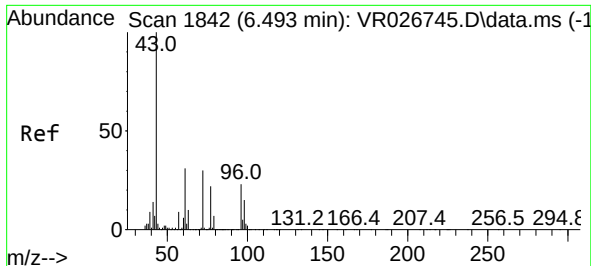
Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.3

100 4.2 2.1 6.2





#25

2-Butanone

Concen: 267.015 ug/l

RT: 6.509 min Scan# 1847

Delta R.T. 0.016 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 431078

Ion Ratio Lower Upper

43 100

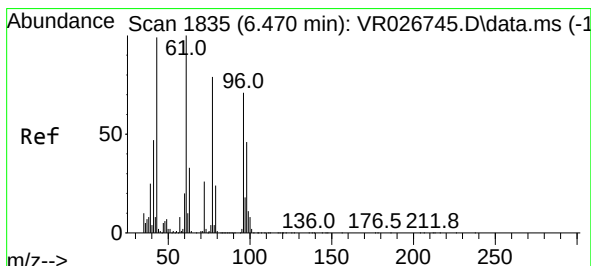
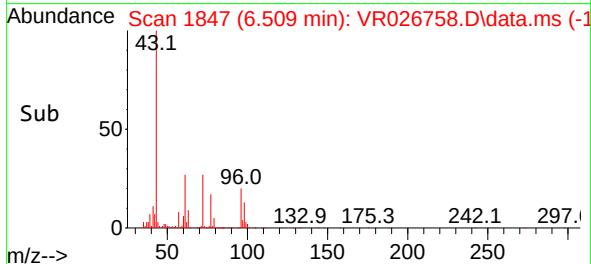
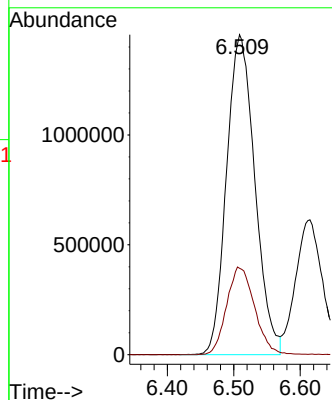
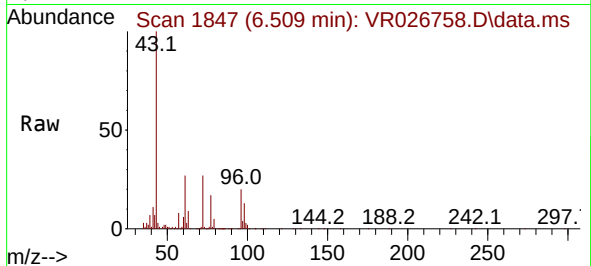
72 27.0 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#26

2,2-Dichloropropane

Concen: 47.740 ug/l

RT: 6.486 min Scan# 1840

Delta R.T. 0.016 min

Lab File: VR026758.D

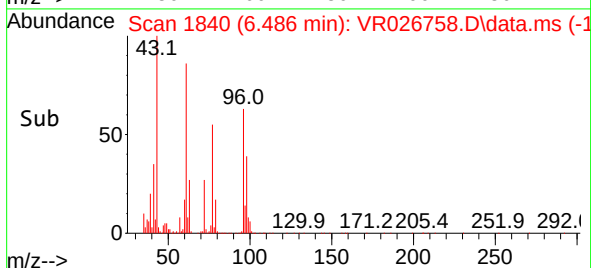
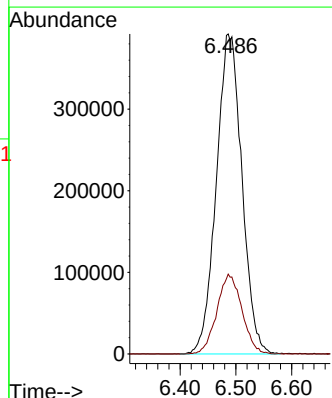
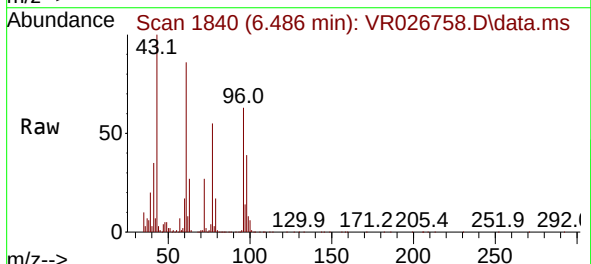
Acq: 25 Aug 2025 11:48

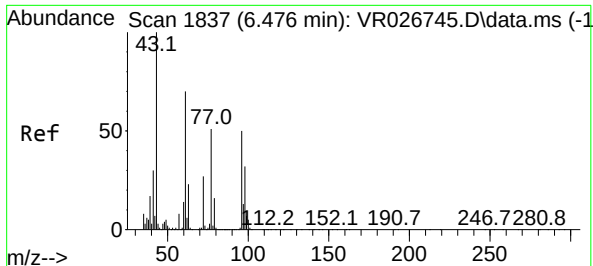
Tgt Ion: 77 Resp: 1247515

Ion Ratio Lower Upper

77 100

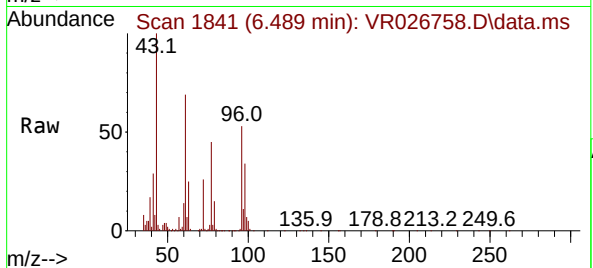
97 24.4 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 53.983 ug/l
 RT: 6.489 min Scan# 1837
 Delta R.T. 0.013 min
 Lab File: VR026758.D
 Acq: 25 Aug 2025 11:48

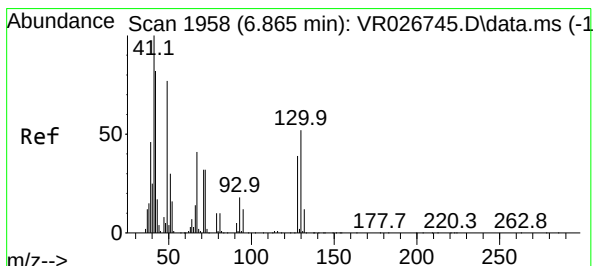
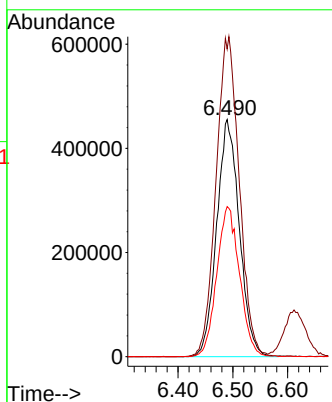
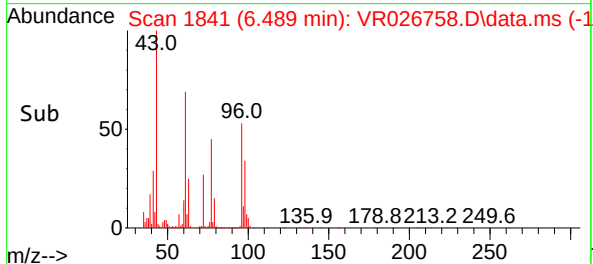
Instrument : MSVOA_R
 ClientSampleId : VSTDCCC050



Tgt Ion: 96 Resp: 1306054
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 280.6
 98 63.7 0.0 127.6

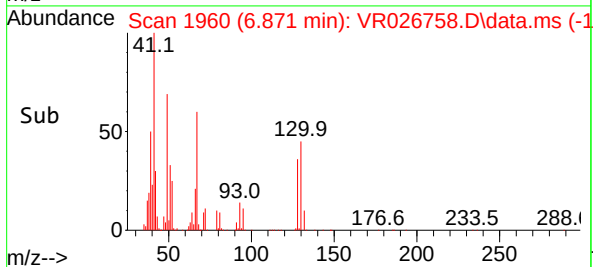
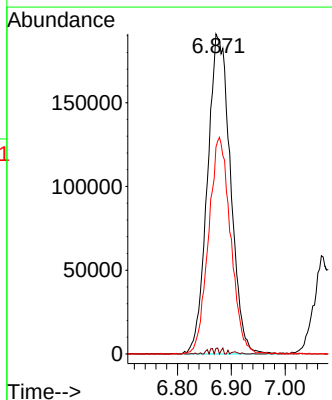
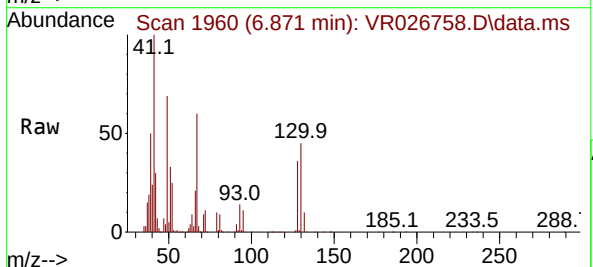
Manual Integrations
 APPROVED

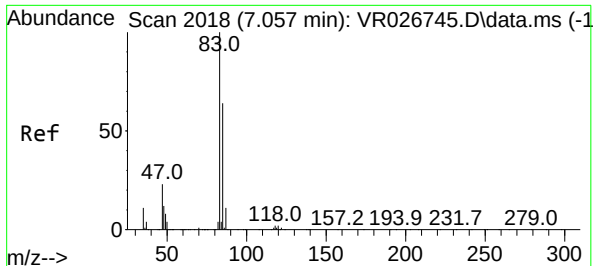
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025



#28
 Bromochloromethane
 Concen: 50.184 ug/l
 RT: 6.871 min Scan# 1960
 Delta R.T. 0.007 min
 Lab File: VR026758.D
 Acq: 25 Aug 2025 11:48

Tgt Ion: 49 Resp: 566528
 Ion Ratio Lower Upper
 49 100
 129 0.2 0.0 1.6
 130 0.0 53.4 80.2#





#29

Chloroform

Concen: 54.348 ug/l

RT: 7.070 min Scan# 2018

Delta R.T. 0.013 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 186256

Ion Ratio Lower Upper

83 100

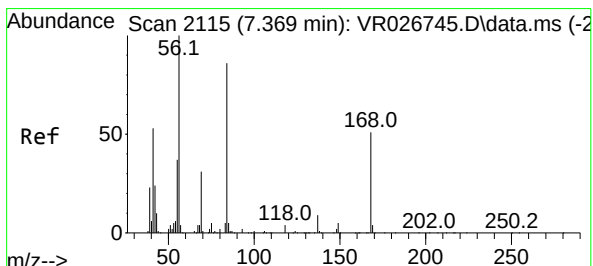
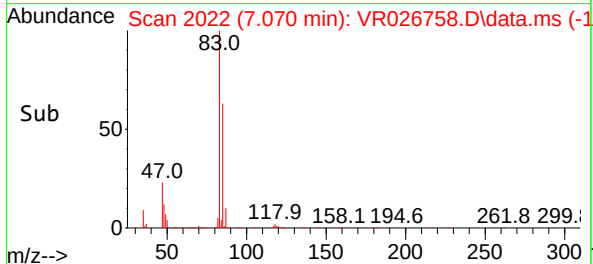
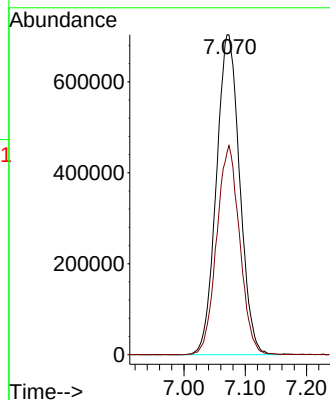
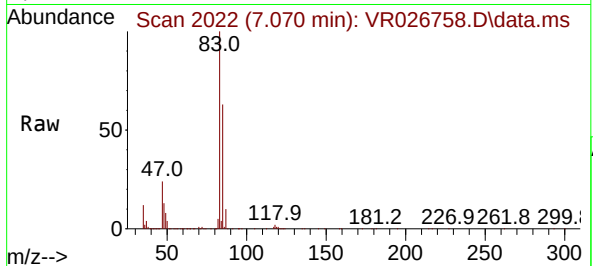
85 63.3 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#30

Cyclohexane

Concen: 44.986 ug/l

RT: 7.378 min Scan# 2118

Delta R.T. 0.010 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

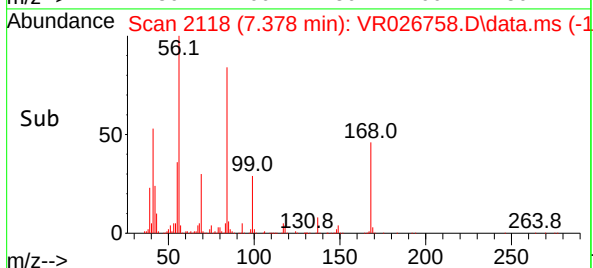
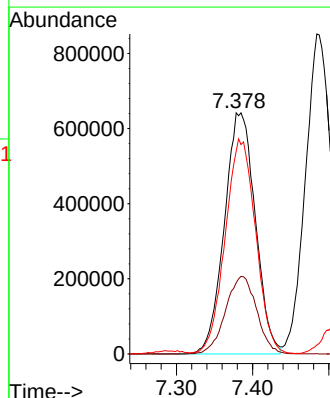
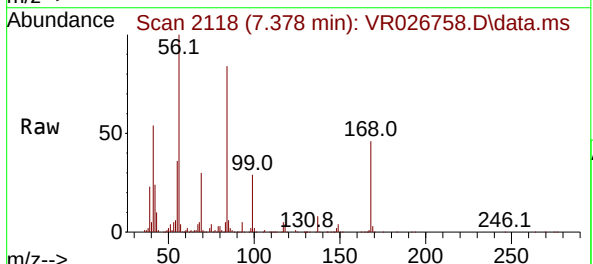
Tgt Ion: 56 Resp: 1809566

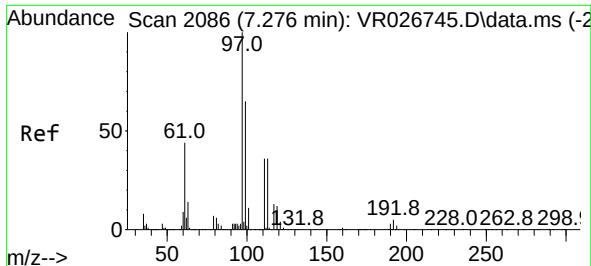
Ion Ratio Lower Upper

56 100

69 29.5 24.6 37.0

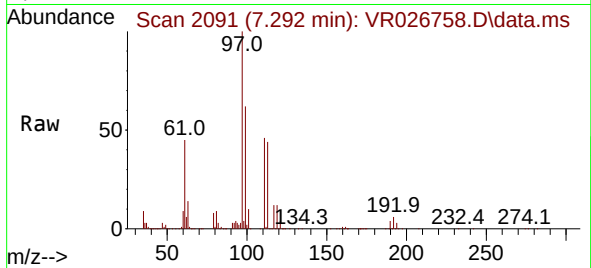
84 83.3 68.7 103.1





#31
1,1,1-Trichloroethane
Concen: 50.962 ug/l
RT: 7.292 min Scan# 2086
Delta R.T. 0.016 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

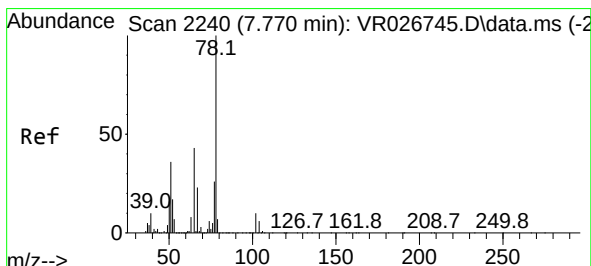
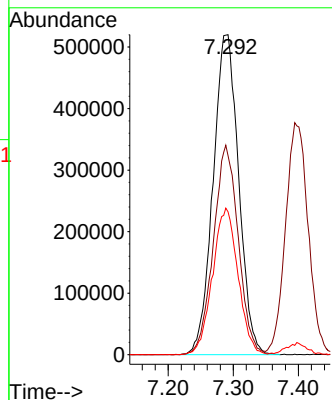
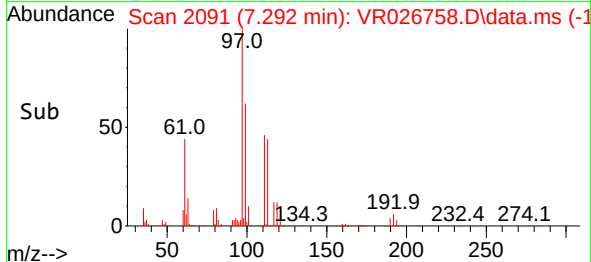
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 1418194
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 45.7 35.0 52.4

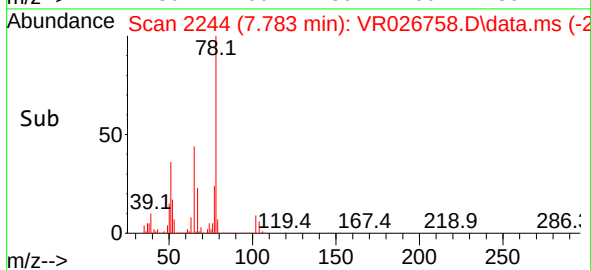
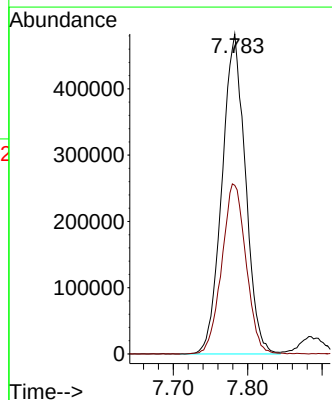
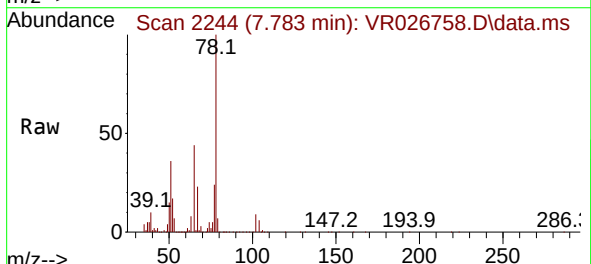
Manual Integrations
APPROVED

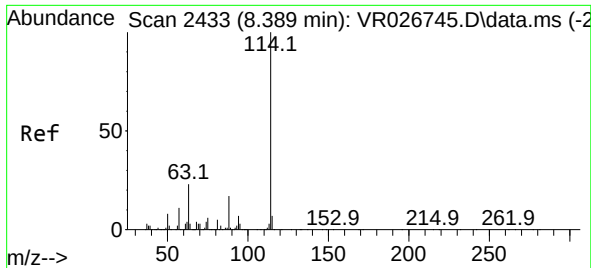
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#32
1,2-Dichloroethane-d4
Concen: 53.802 ug/l
RT: 7.783 min Scan# 2244
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

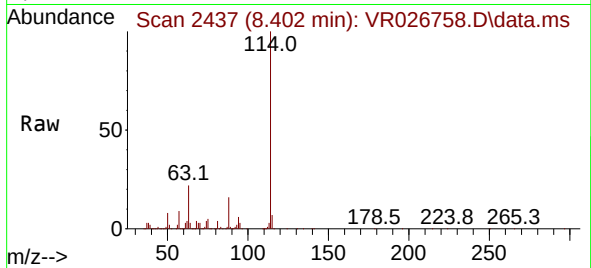
Tgt Ion: 65 Resp: 1056880
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.4





#33
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.402 min Scan# 2437
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

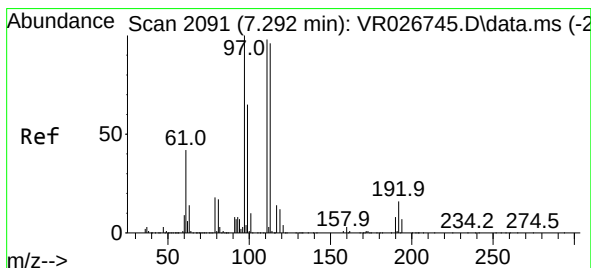
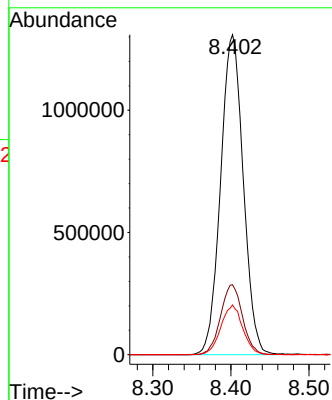
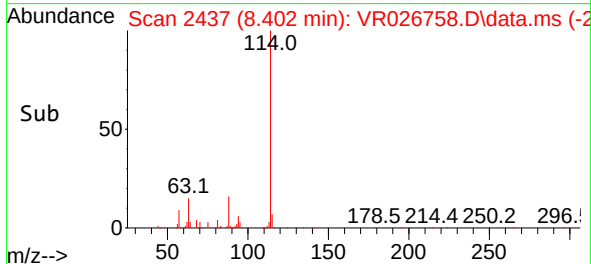
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



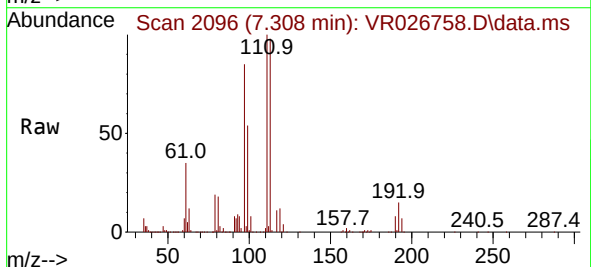
Tgt Ion:114 Resp: 263879
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.8
88 15.6 0.0 34.8

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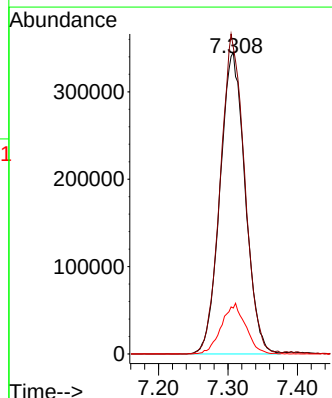
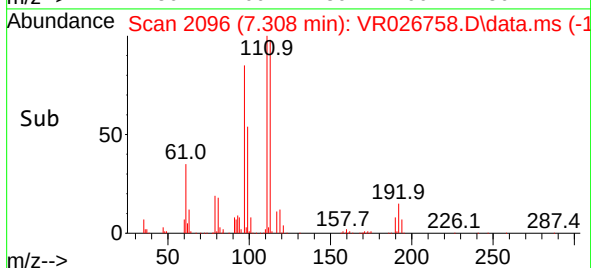
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

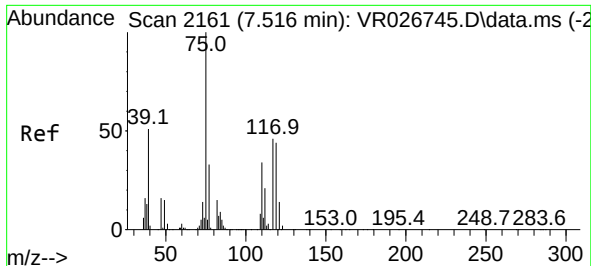


#34
Dibromofluoromethane
Concen: 50.388 ug/l
RT: 7.308 min Scan# 2096
Delta R.T. 0.016 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48



Tgt Ion:113 Resp: 867207
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 16.2 12.9 19.3





#35

1,1-Dichloropropene

Concen: 47.526 ug/l

RT: 7.532 min Scan# 2161

Delta R.T. 0.016 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 127380

Ion Ratio Lower Upper

75 100

110 35.2 17.3 52.0

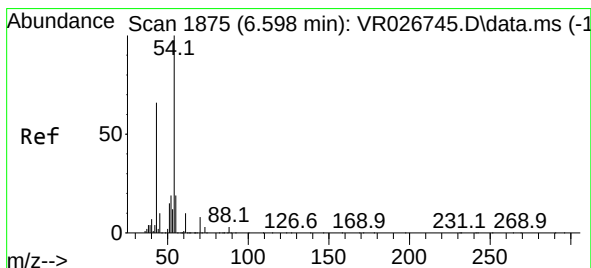
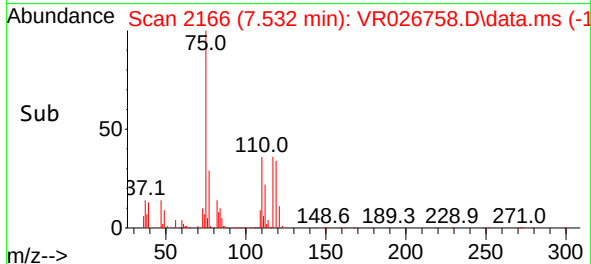
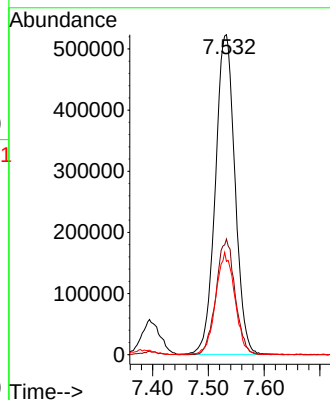
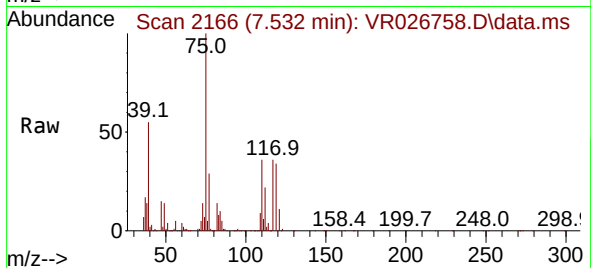
77 31.4 25.1 37.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#36

Ethyl Acetate

Concen: 51.231 ug/l

RT: 6.615 min Scan# 1880

Delta R.T. 0.016 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

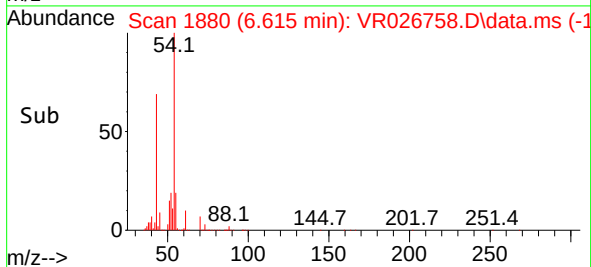
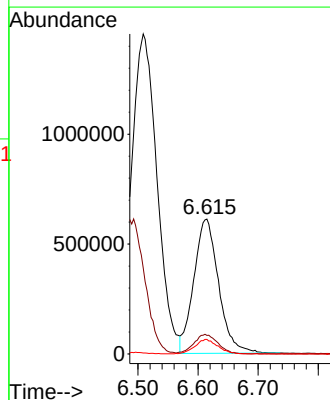
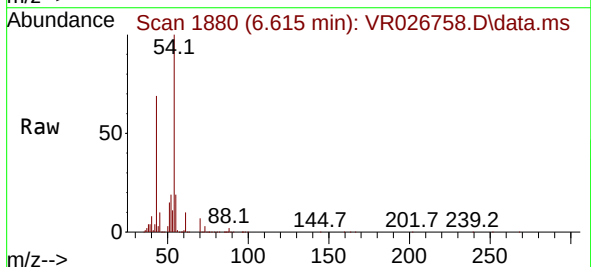
Tgt Ion: 43 Resp: 1756612

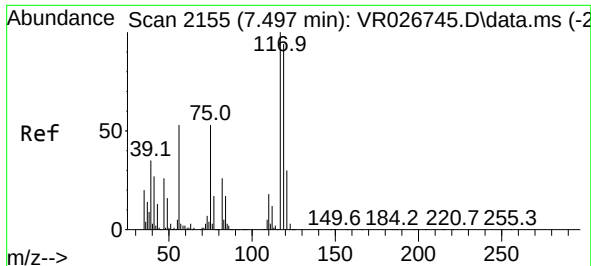
Ion Ratio Lower Upper

43 100

61 14.0 11.4 17.2

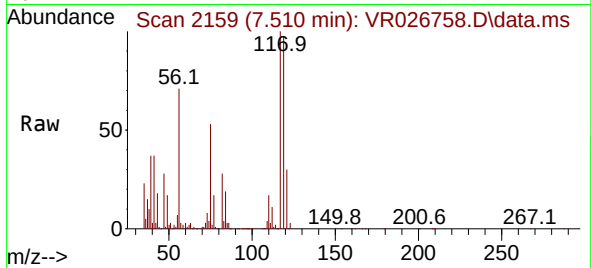
70 9.9 8.4 12.6





#37
Carbon Tetrachloride
Concen: 47.378 ug/l
RT: 7.510 min Scan# 2155
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

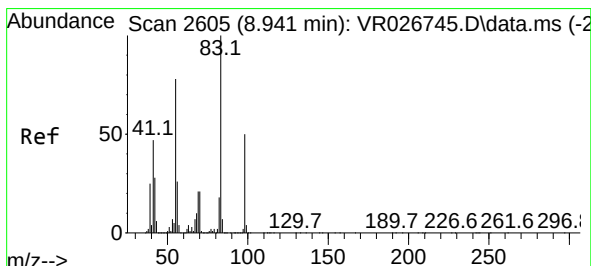
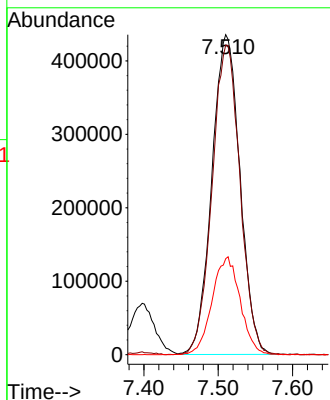
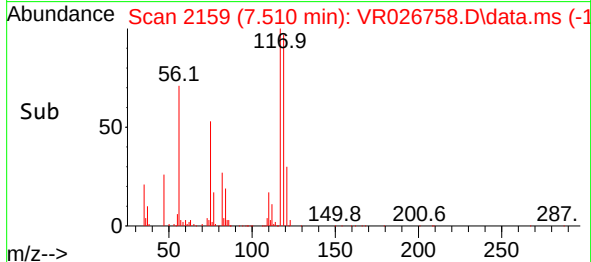
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



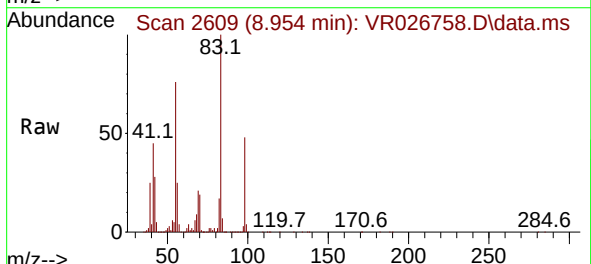
Tgt Ion: 117 Resp: 114268
Ion Ratio Lower Upper
117 100
119 96.7 75.1 112.7
121 30.0 24.2 36.2

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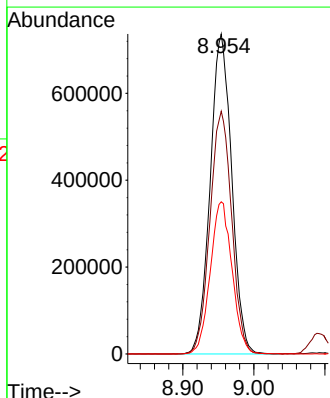
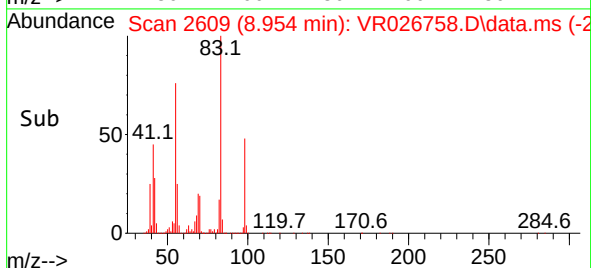
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

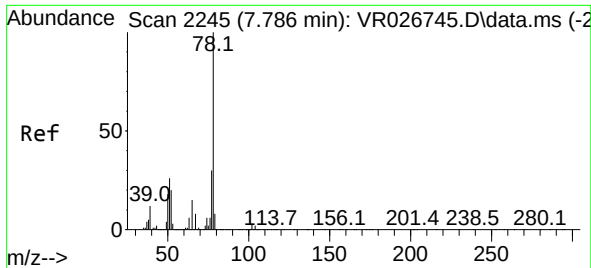


#38
Methylcyclohexane
Concen: 46.249 ug/l
RT: 8.954 min Scan# 2609
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48



Tgt Ion: 83 Resp: 1551121
Ion Ratio Lower Upper
83 100
55 75.8 62.6 94.0
98 47.6 39.9 59.9





#39

Benzene

Concen: 54.099 ug/l

RT: 7.799 min Scan# 21

Delta R.T. 0.013 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 78 Resp: 445132

Ion Ratio Lower Upper

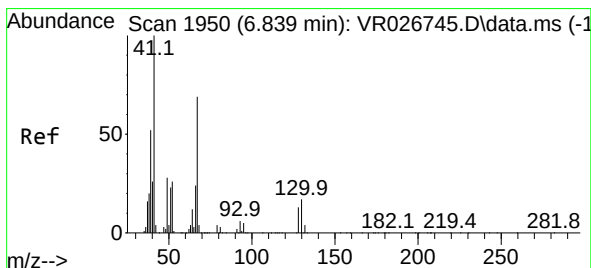
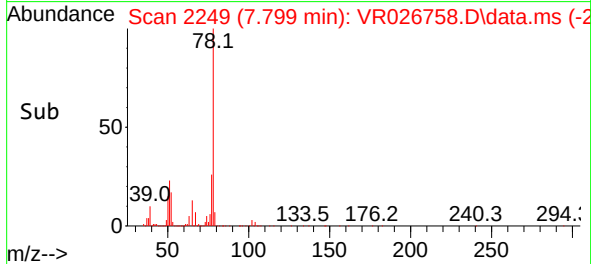
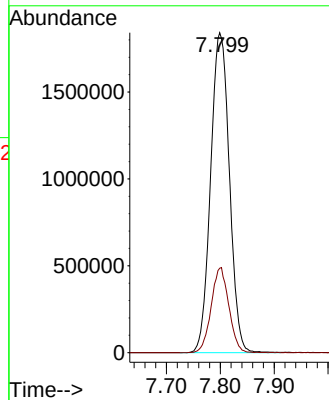
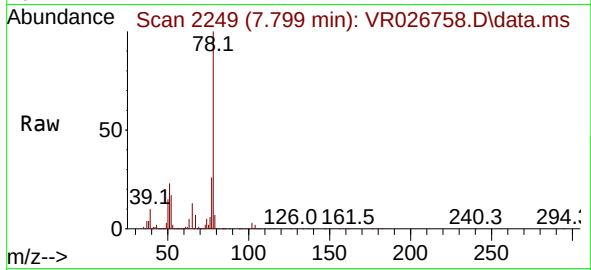
78 100

77 26.4 24.3 36.5

Manual Integrations

APPROVED

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



#40

Methacrylonitrile

Concen: 53.351 ug/l

RT: 6.852 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

Tgt Ion: 41 Resp: 954093

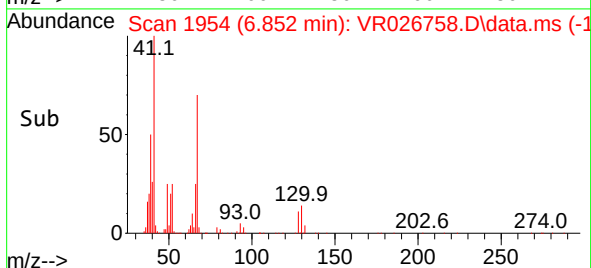
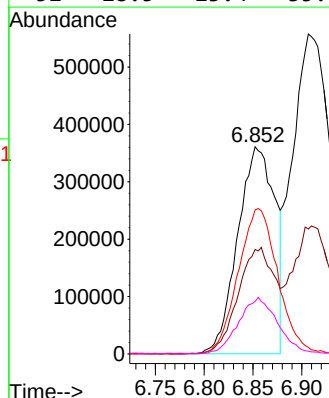
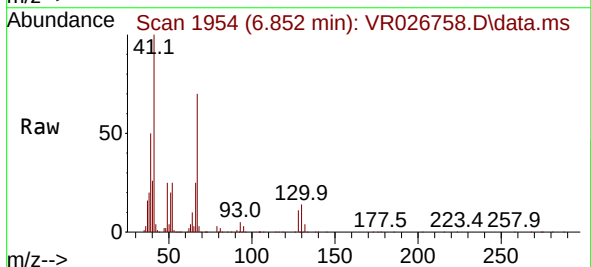
Ion Ratio Lower Upper

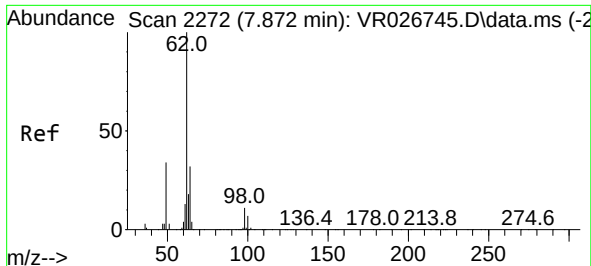
41 100

39 50.2 43.0 64.4

67 75.0 62.6 94.0

52 28.5 23.4 35.2





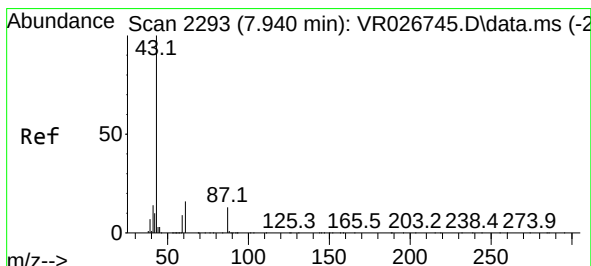
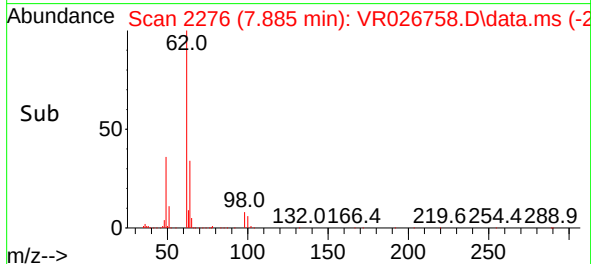
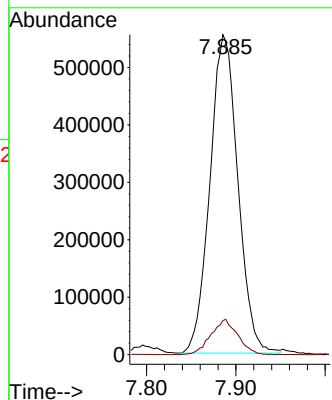
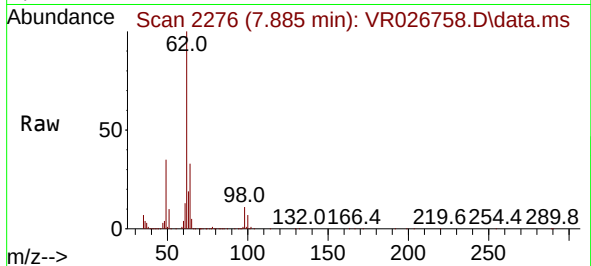
#41
1,2-Dichloroethane
Concen: 52.879 ug/l
RT: 7.885 min Scan# 21
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion: 62 Resp: 120638
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.2

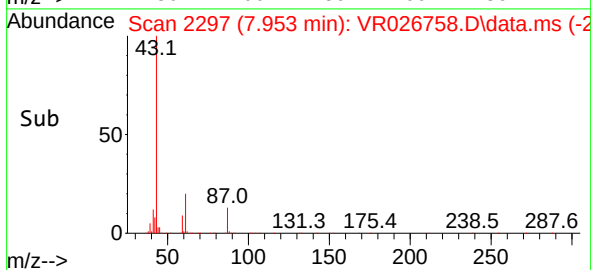
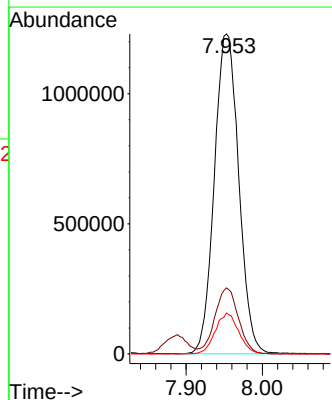
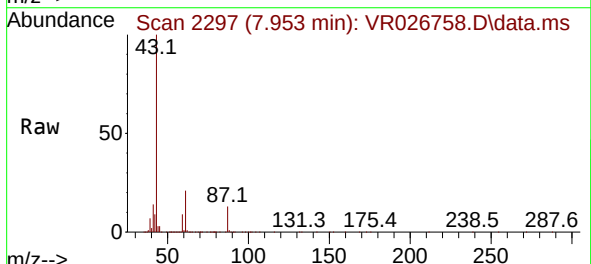
Manual Integrations
APPROVED

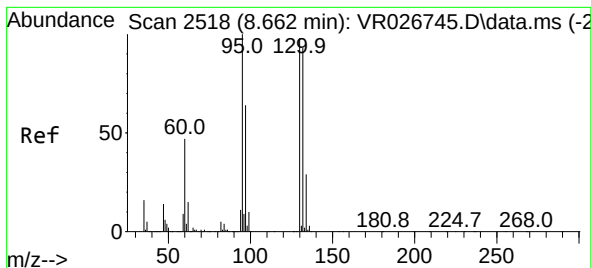
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#42
Isopropyl Acetate
Concen: 56.198 ug/l
RT: 7.953 min Scan# 2297
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Tgt Ion: 43 Resp: 2731840
Ion Ratio Lower Upper
43 100
61 20.0 16.8 25.2
87 12.3 10.2 15.4





#43

Trichloroethene

Concen: 48.015 ug/l

RT: 8.678 min Scan# 2518

Delta R.T. 0.016 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion:130 Resp: 86191

Ion Ratio Lower Upper

130 100

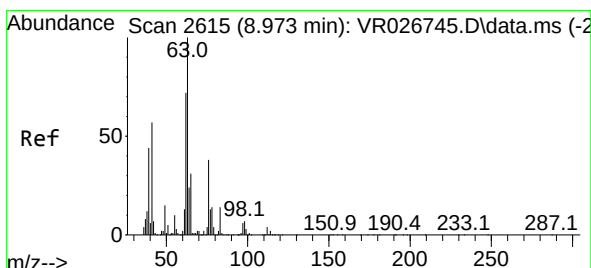
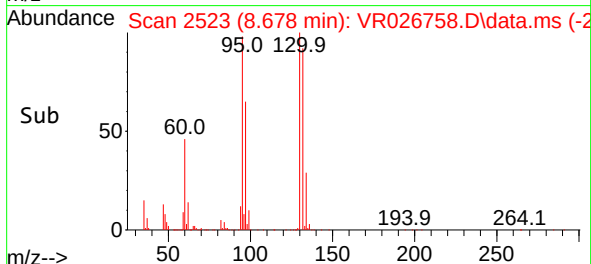
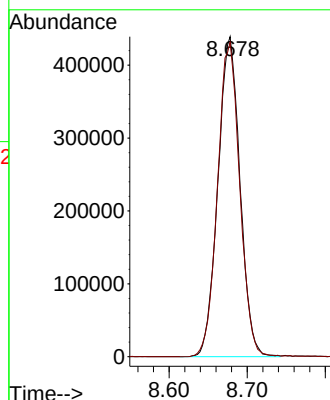
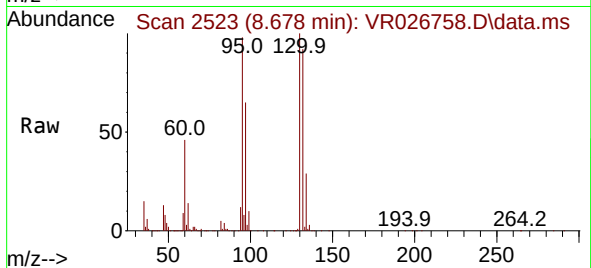
95 98.3 0.0 203.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#44

1,2-Dichloropropane

Concen: 52.480 ug/l

RT: 8.986 min Scan# 2619

Delta R.T. 0.013 min

Lab File: VR026758.D

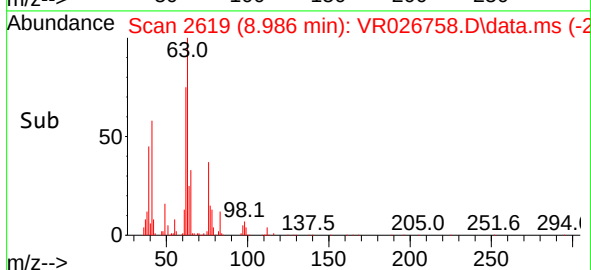
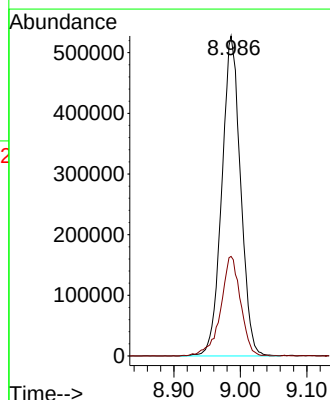
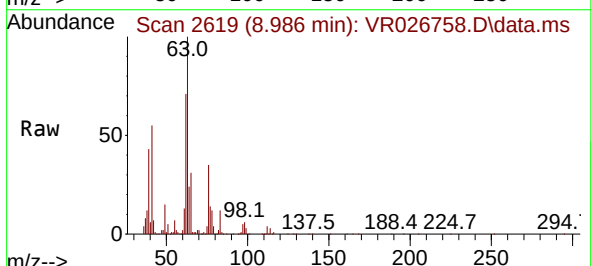
Acq: 25 Aug 2025 11:48

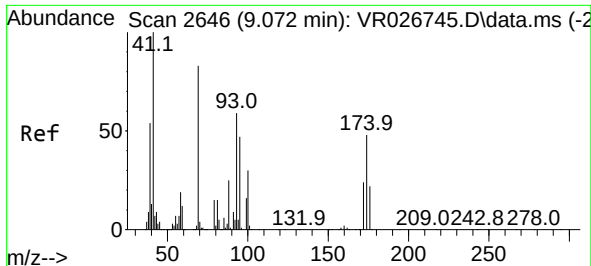
Tgt Ion: 63 Resp: 1033737

Ion Ratio Lower Upper

63 100

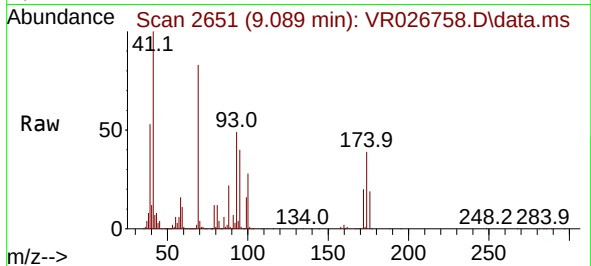
65 31.1 24.8 37.2





#45
Dibromomethane
Concen: 54.414 ug/l
RT: 9.089 min Scan# 20
Delta R.T. 0.016 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

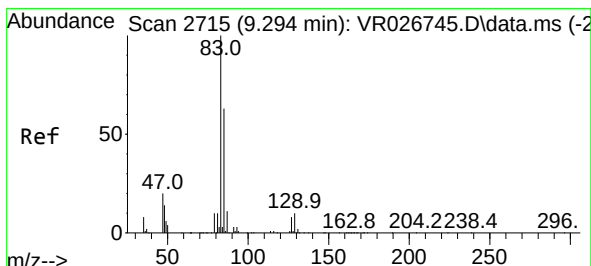
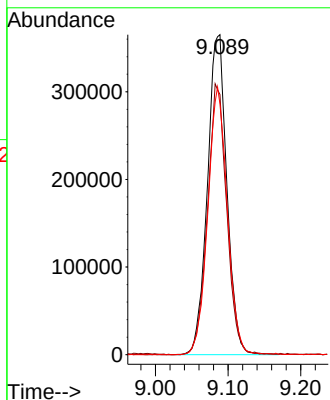
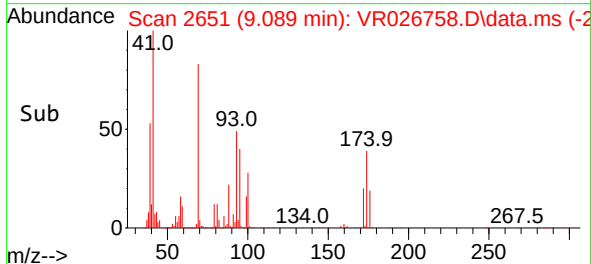
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion: 93 Resp: 680892
Ion Ratio Lower Upper
93 100
95 83.6 65.4 98.0
174 83.8 66.5 99.7

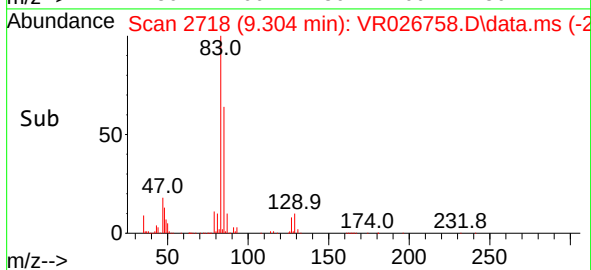
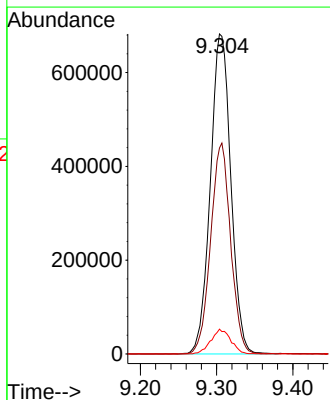
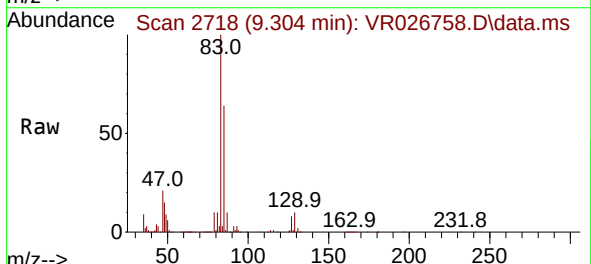
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APPROVED

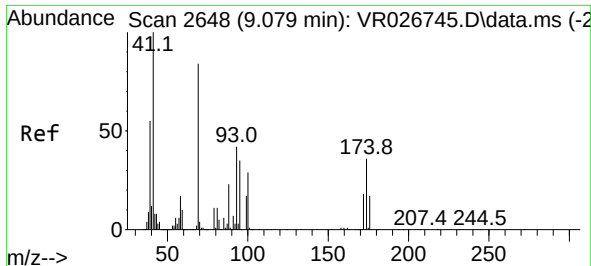
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#46
Bromodichloromethane
Concen: 54.721 ug/l
RT: 9.304 min Scan# 2718
Delta R.T. 0.010 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Tgt Ion: 83 Resp: 1274584
Ion Ratio Lower Upper
83 100
85 64.4 50.8 76.2
127 7.8 6.0 9.0





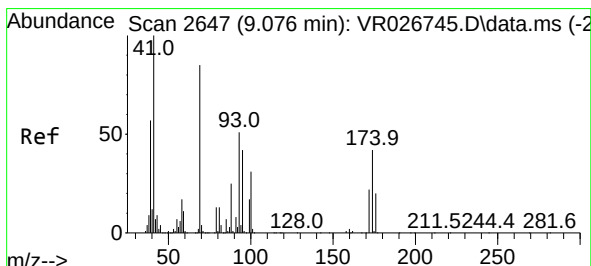
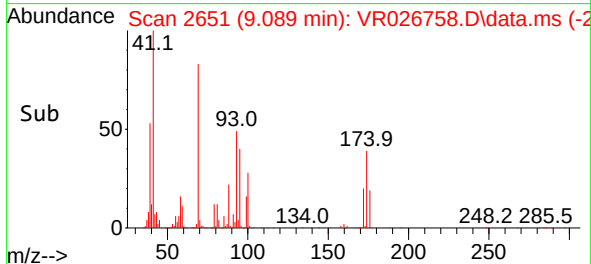
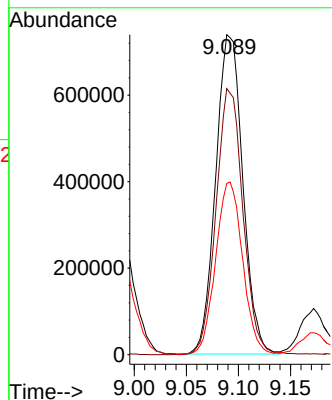
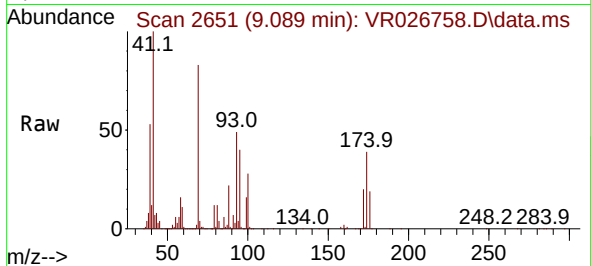
#47
Methyl methacrylate
Concen: 56.430 ug/l
RT: 9.089 min Scan# 2651
Delta R.T. 0.010 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 133886
Ion Ratio Lower Upper
41 100
69 82.9 66.5 99.7
39 53.3 43.3 64.9

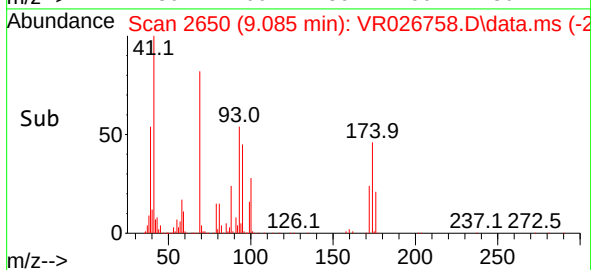
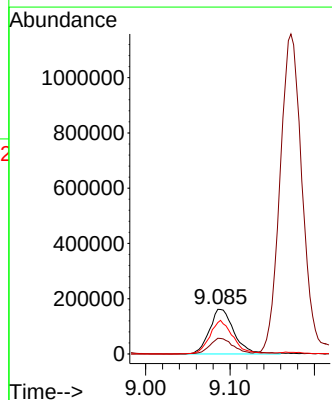
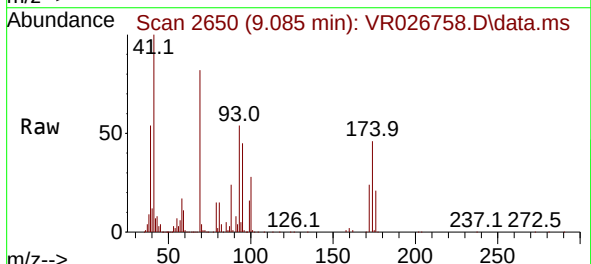
Manual Integrations
APPROVED

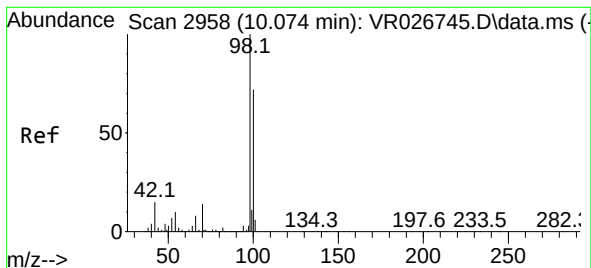
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#48
1,4-Dioxane
Concen: 1073.767 ug/l
RT: 9.085 min Scan# 2650
Delta R.T. 0.009 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Tgt Ion: 88 Resp: 327277
Ion Ratio Lower Upper
88 100
43 33.0 27.1 40.7
58 70.6 55.9 83.9





#49

Toluene-d8

Concen: 51.735 ug/l

RT: 10.083 min Scan# 2958

Delta R.T. 0.010 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 98 Resp: 298496

Ion Ratio Lower Upper

98 100

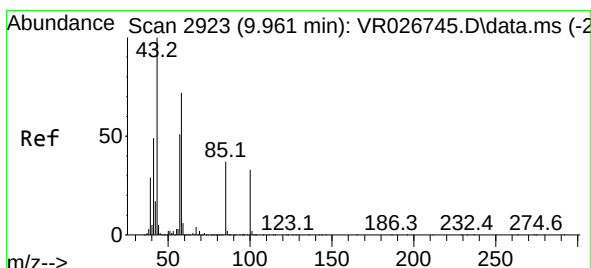
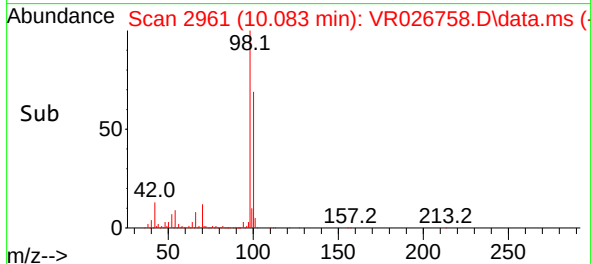
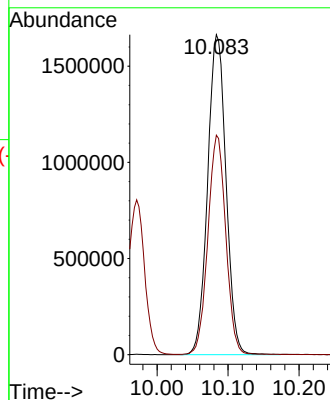
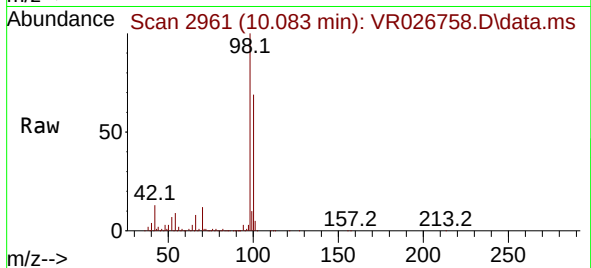
100 66.6 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#50

4-Methyl-2-Pentanone

Concen: 379.603 ug/l

RT: 9.971 min Scan# 2926

Delta R.T. 0.010 min

Lab File: VR026758.D

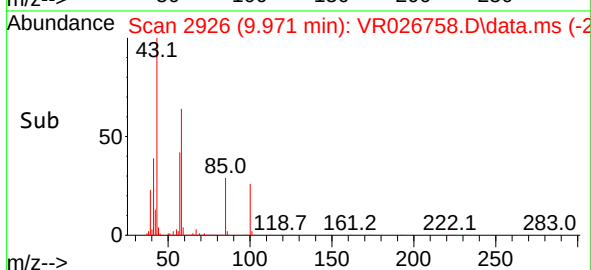
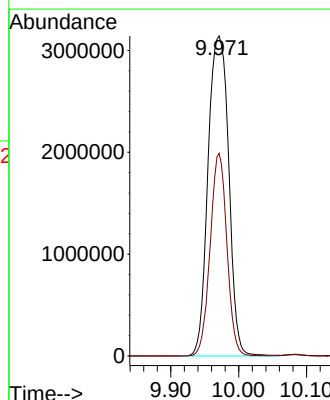
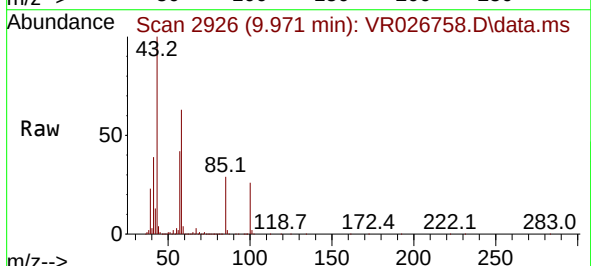
Acq: 25 Aug 2025 11:48

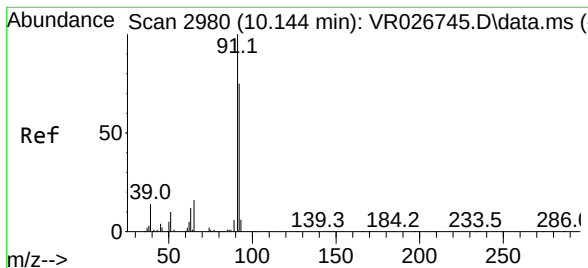
Tgt Ion: 43 Resp: 6637276

Ion Ratio Lower Upper

43 100

58 51.3 46.8 70.2





#51

Toluene

Concen: 52.870 ug/l

RT: 10.157 min Scan# 2984

Delta R.T. 0.013 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion: 92 Resp: 2484079

Ion Ratio Lower Upper

92 100

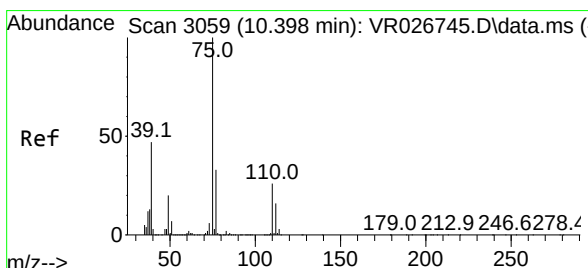
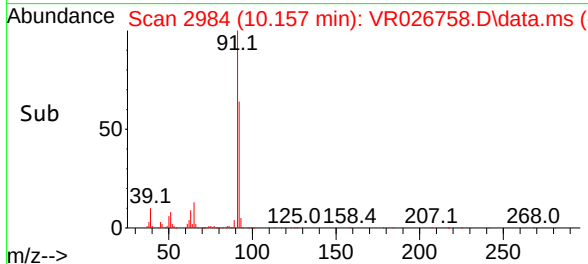
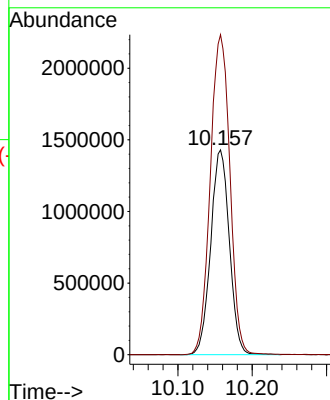
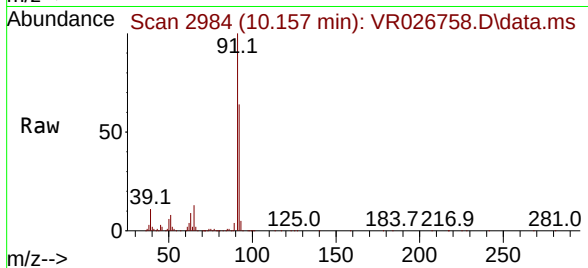
91 164.5 120.1 180.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#52

t-1,3-Dichloropropene

Concen: 57.958 ug/l

RT: 10.411 min Scan# 3063

Delta R.T. 0.013 min

Lab File: VR026758.D

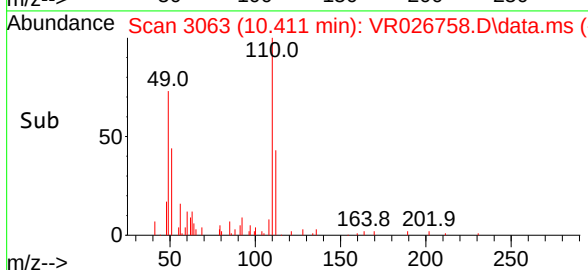
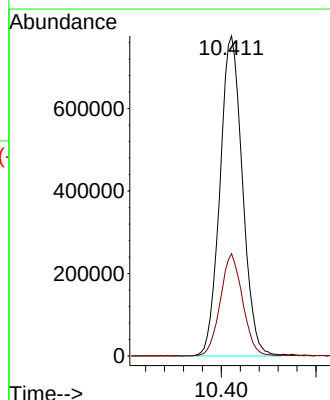
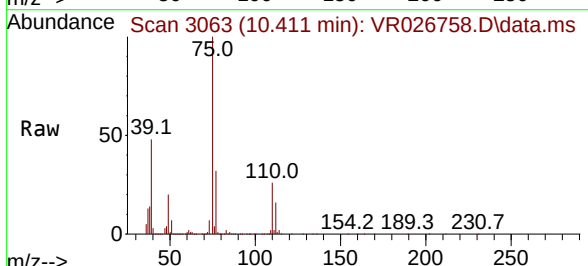
Acq: 25 Aug 2025 11:48

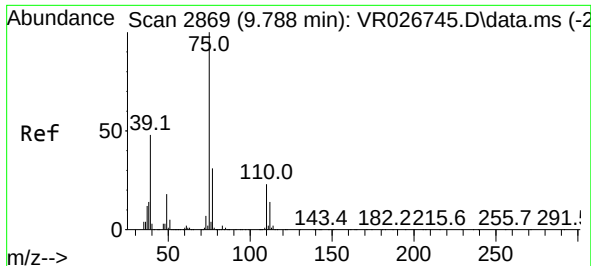
Tgt Ion: 75 Resp: 1278593

Ion Ratio Lower Upper

75 100

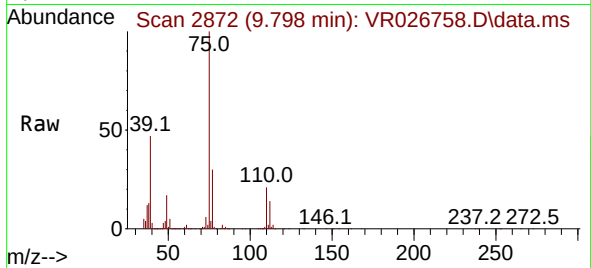
77 31.9 26.2 39.4





#53
 cis-1,3-Dichloropropene
 Concen: 56.326 ug/l
 RT: 9.798 min Scan# 2869
 Delta R.T. 0.010 min
 Lab File: VR026758.D
 Acq: 25 Aug 2025 11:48

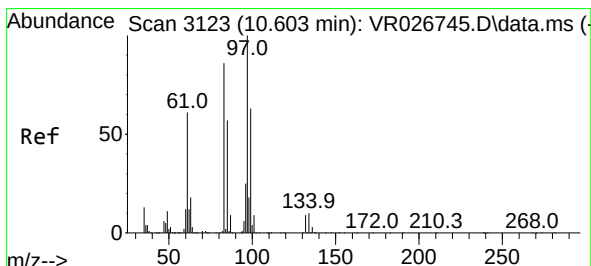
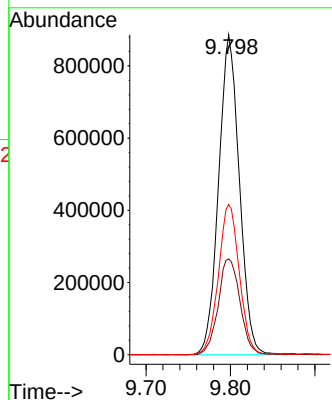
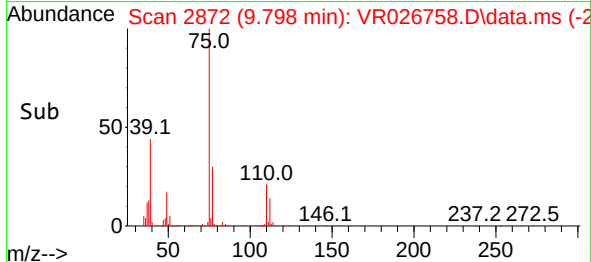
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 150747
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.1 37.7
 39 46.9 38.5 57.7

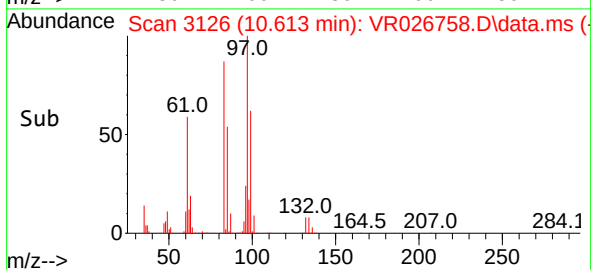
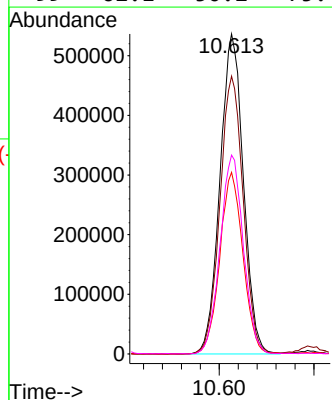
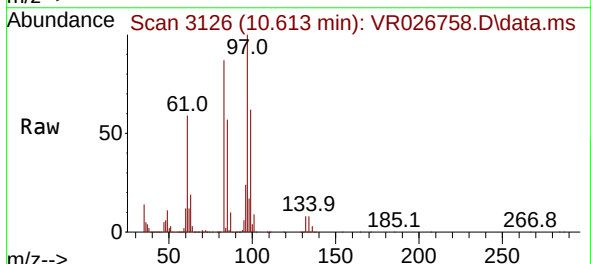
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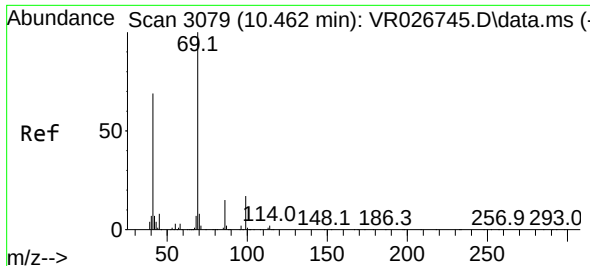
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025



#54
 1,1,2-Trichloroethane
 Concen: 55.107 ug/l
 RT: 10.613 min Scan# 3126
 Delta R.T. 0.010 min
 Lab File: VR026758.D
 Acq: 25 Aug 2025 11:48

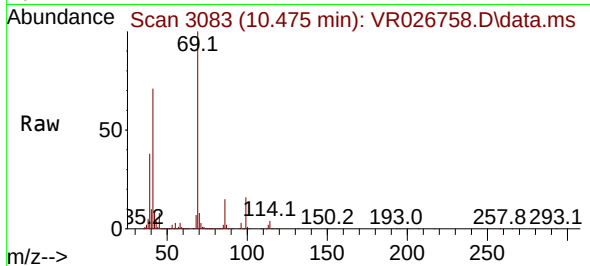
Tgt Ion: 97 Resp: 919028
 Ion Ratio Lower Upper
 97 100
 83 86.8 68.9 103.3
 85 56.8 45.3 67.9
 99 62.1 50.2 75.4





#55
Ethyl methacrylate
Concen: 57.621 ug/l
RT: 10.475 min Scan# 3079
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

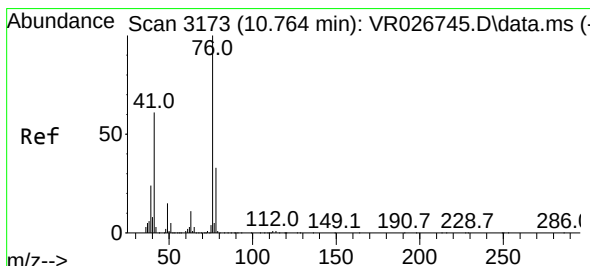
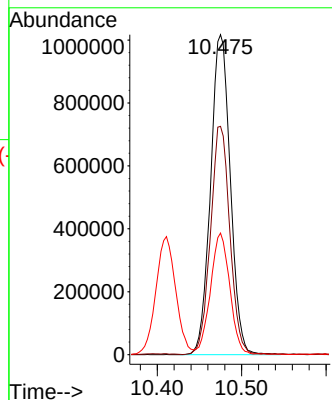
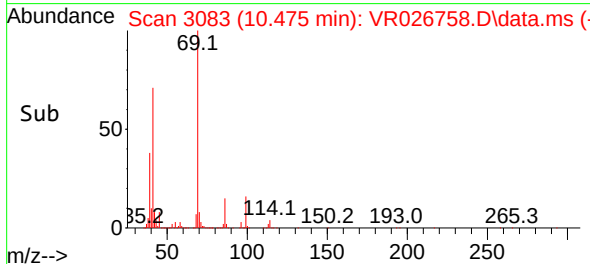
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion: 69 Resp: 165288
Ion Ratio Lower Upper
69 100
41 69.9 55.6 83.4
39 37.0 29.2 43.8

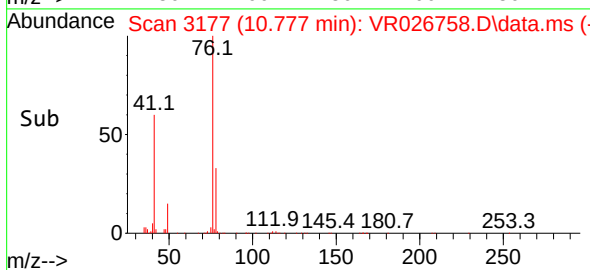
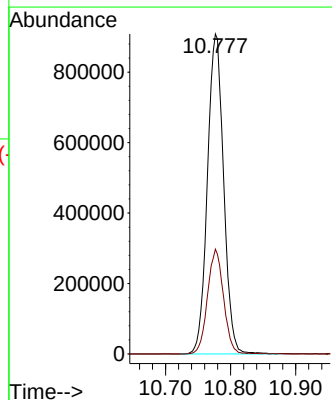
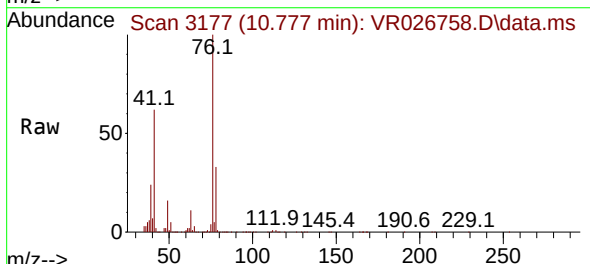
Manual Integrations
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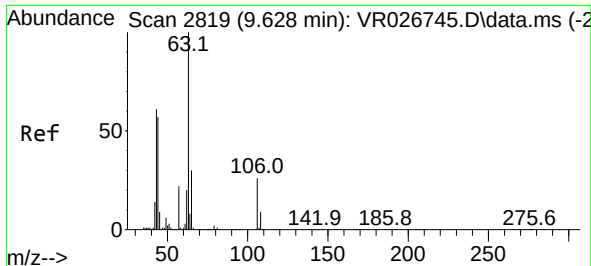
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#56
1,3-Dichloropropane
Concen: 55.976 ug/l
RT: 10.777 min Scan# 3177
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Tgt Ion: 76 Resp: 1573454
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9





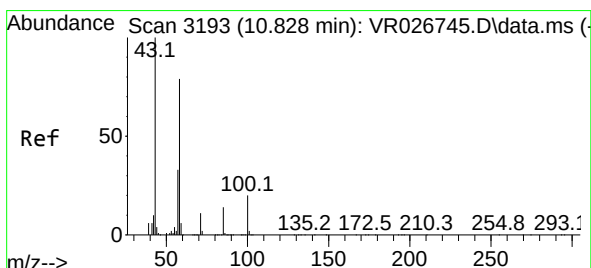
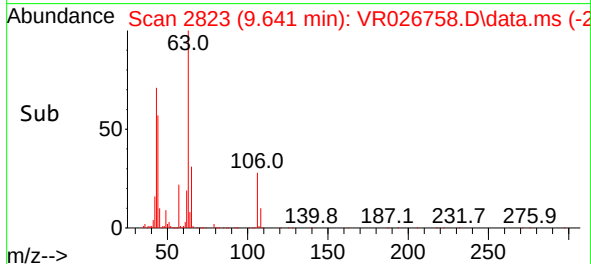
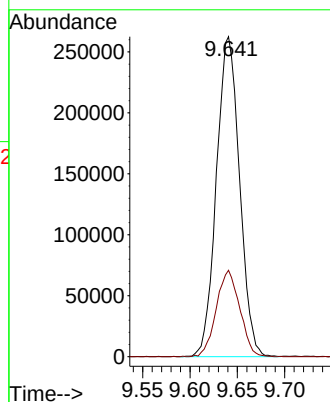
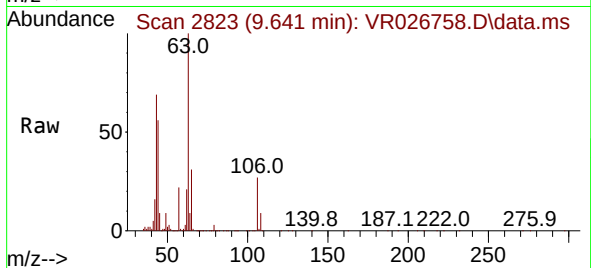
#57
2-Chloroethyl Vinyl ether
Concen: 236.138 ug/l
RT: 9.641 min Scan# 21
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 446197
Ion Ratio Lower Upper
63 100
106 27.3 21.5 32.3

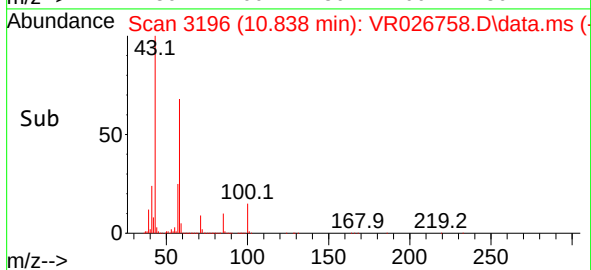
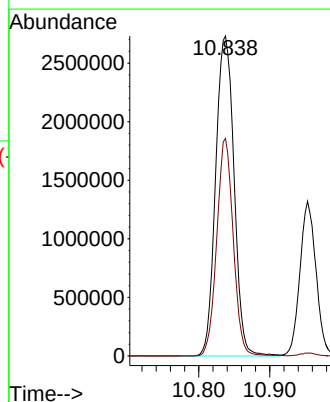
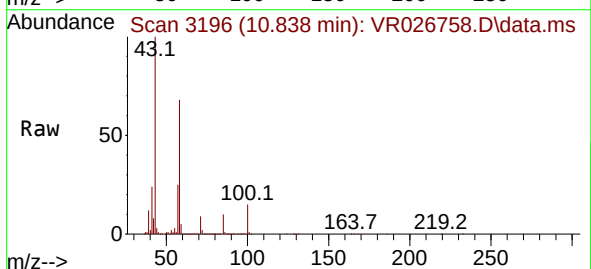
Manual Integrations
APPROVED

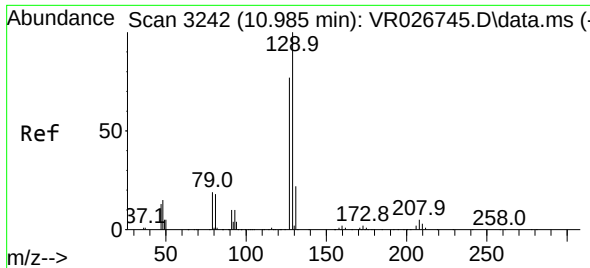
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#58
2-Hexanone
Concen: 298.718 ug/l
RT: 10.838 min Scan# 3196
Delta R.T. 0.010 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Tgt Ion: 43 Resp: 4906772
Ion Ratio Lower Upper
43 100
58 61.1 34.0 102.0





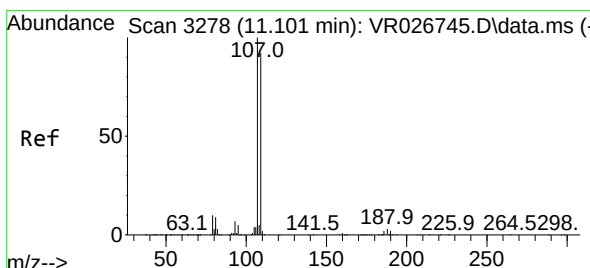
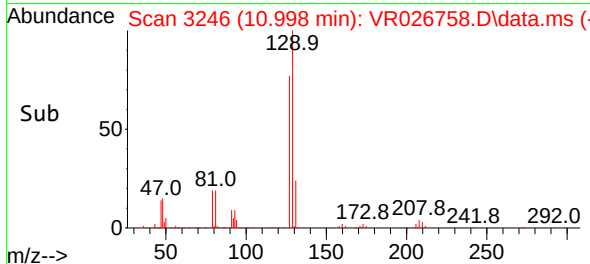
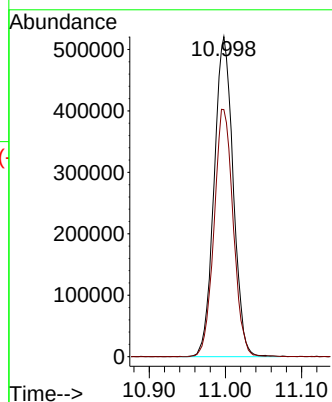
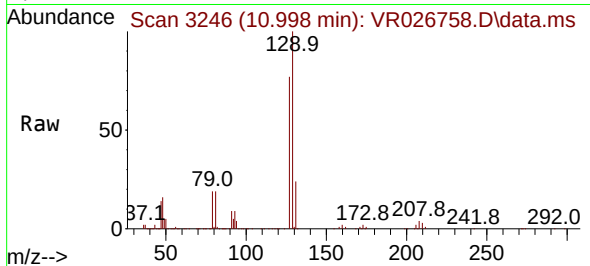
#59
Dibromochloromethane
Concen: 57.658 ug/l
RT: 10.998 min Scan# 31
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion:129 Resp: 90446
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7

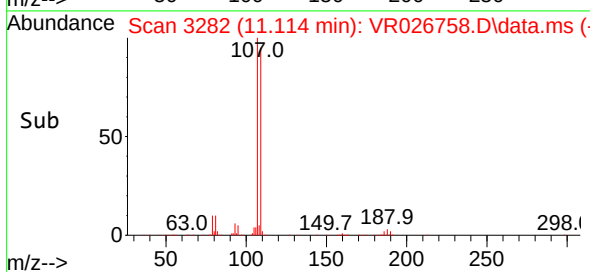
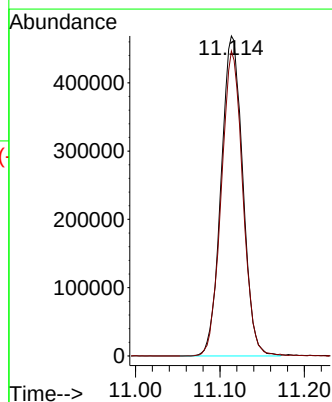
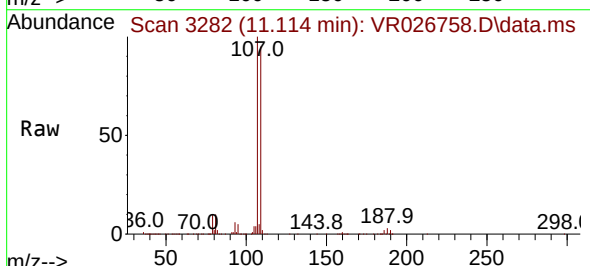
Manual Integrations
APPROVED

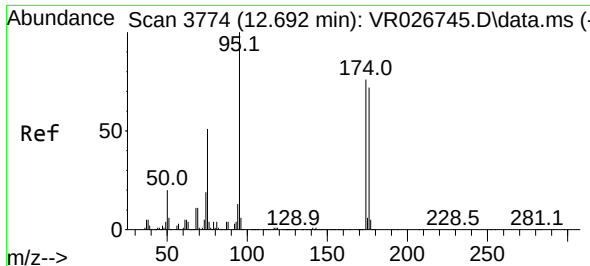
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#60
1,2-Dibromoethane
Concen: 55.281 ug/l
RT: 11.114 min Scan# 3282
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Tgt Ion:107 Resp: 833223
Ion Ratio Lower Upper
107 100
109 94.3 74.3 111.5





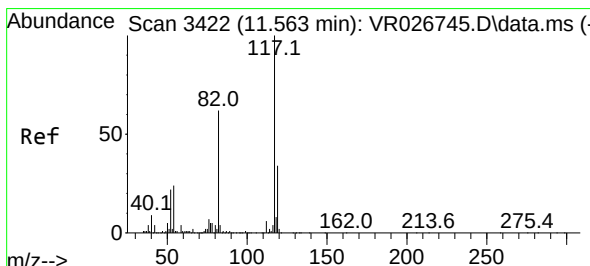
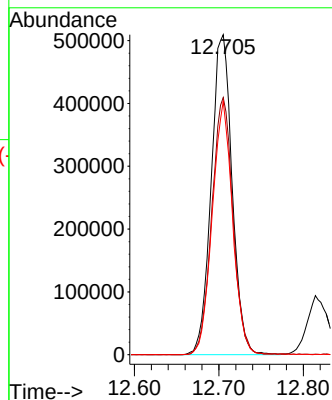
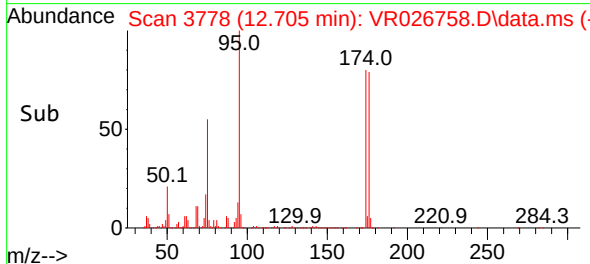
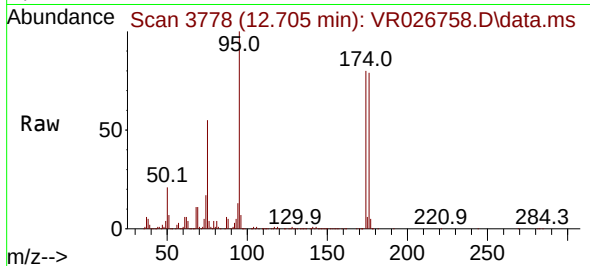
#61
4-Bromofluorobenzene
Concen: 53.446 ug/l
RT: 12.705 min Scan# 3778
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion: 95 Resp: 874942
Ion Ratio Lower Upper
95 100
174 81.3 0.0 156.6
176 77.0 0.0 150.2

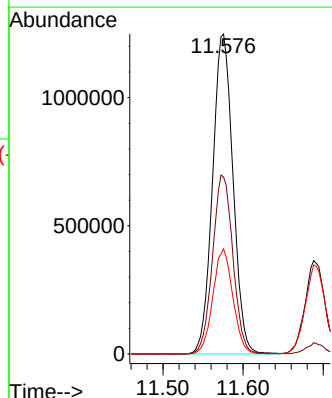
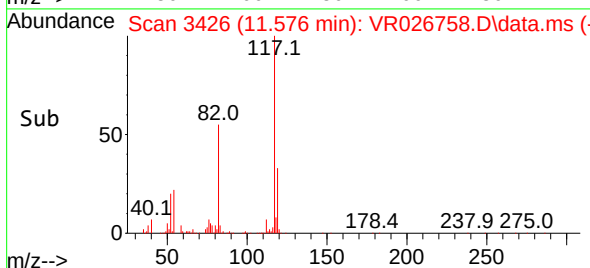
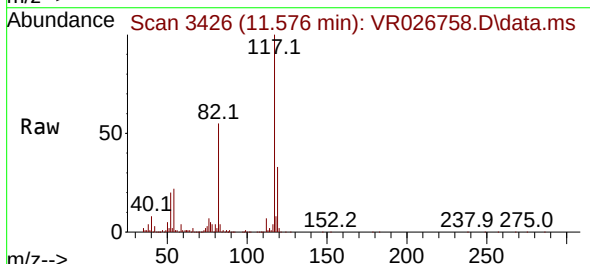
Manual Integrations
APPROVED

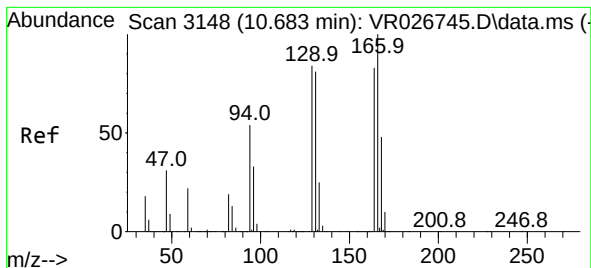
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.576 min Scan# 3426
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Tgt Ion:117 Resp: 2212637
Ion Ratio Lower Upper
117 100
82 55.3 49.9 74.9
119 32.9 27.4 41.2





#63

Tetrachloroethene

Concen: 45.472 ug/l

RT: 10.696 min Scan# 3152

Delta R.T. 0.013 min

Lab File: VR026758.D

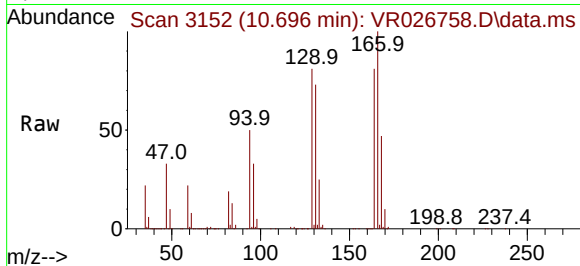
Acq: 25 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050



Tgt Ion:164 Resp: 706932

Ion Ratio Lower Upper

164 100

166 123.9 95.9 143.9

129 100.0 80.2 120.2

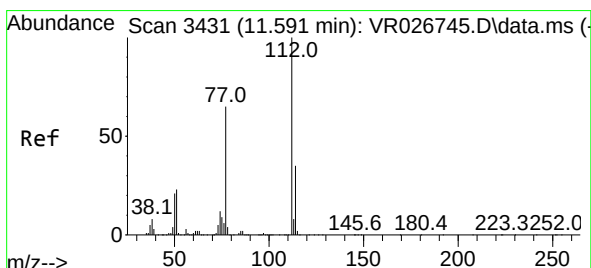
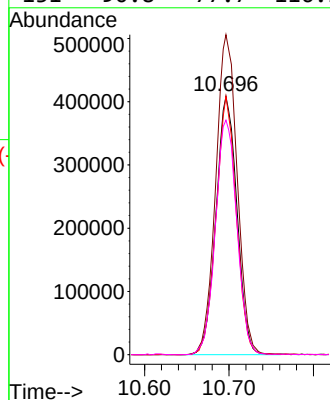
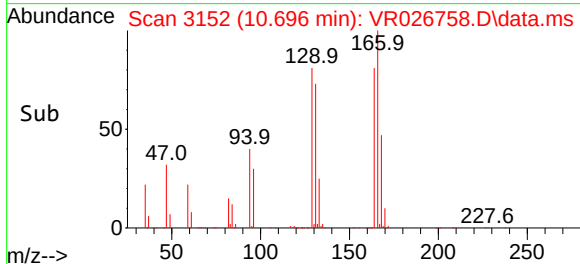
131 90.8 77.7 116.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#64

Chlorobenzene

Concen: 51.828 ug/l

RT: 11.605 min Scan# 3435

Delta R.T. 0.013 min

Lab File: VR026758.D

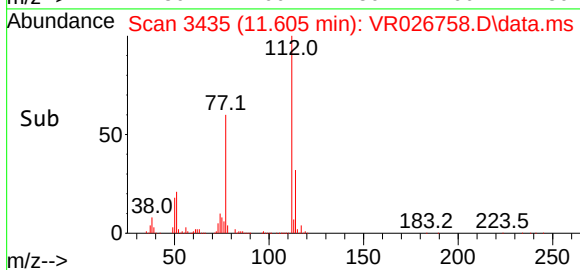
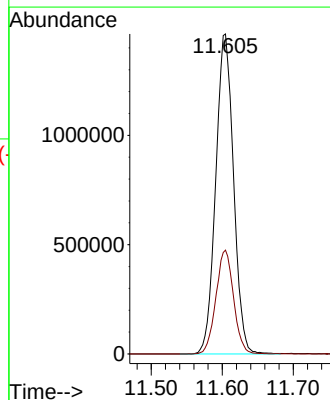
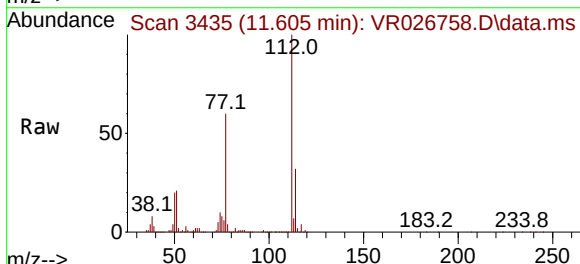
Acq: 25 Aug 2025 11:48

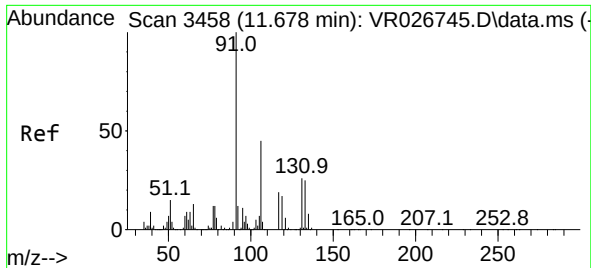
Tgt Ion:112 Resp: 2551904

Ion Ratio Lower Upper

112 100

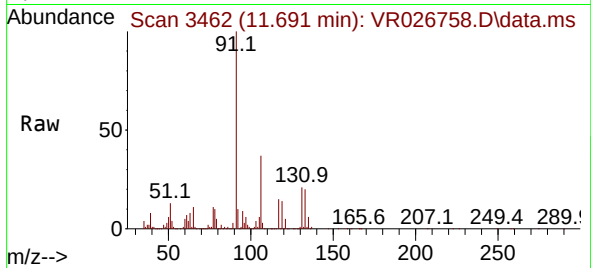
114 32.5 28.0 42.0





#65
1,1,1,2-Tetrachloroethane
Concen: 52.136 ug/l
RT: 11.691 min Scan# 3458
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

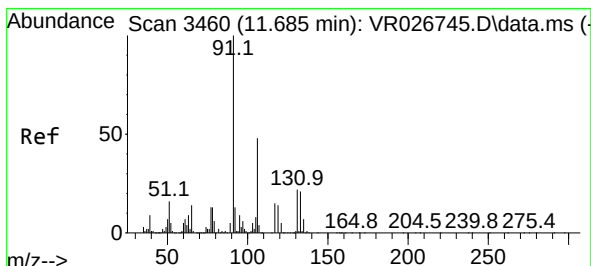
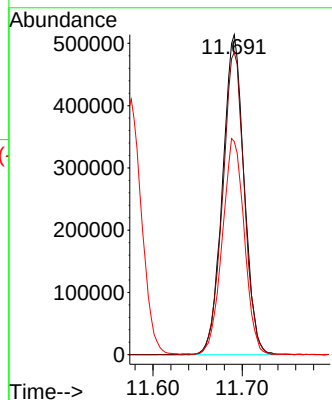
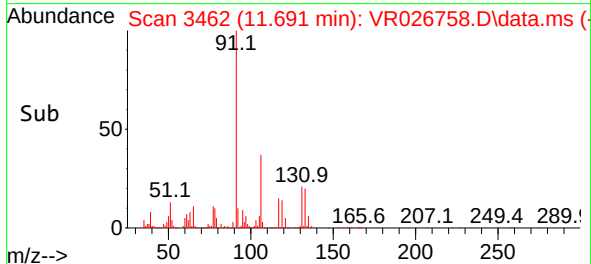
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



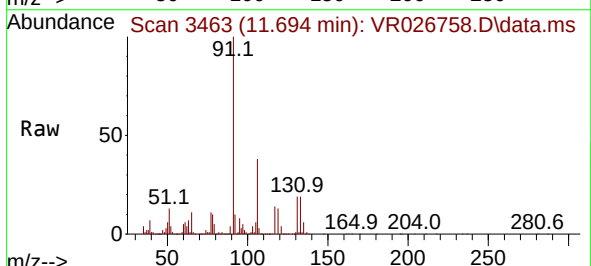
Tgt Ion:131 Resp: 861908
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 68.8 33.9 101.7

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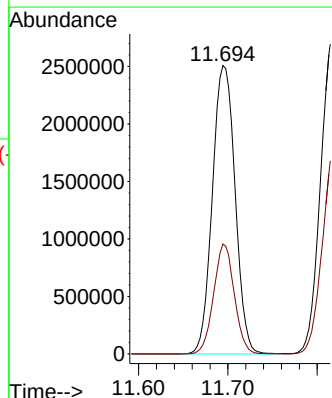
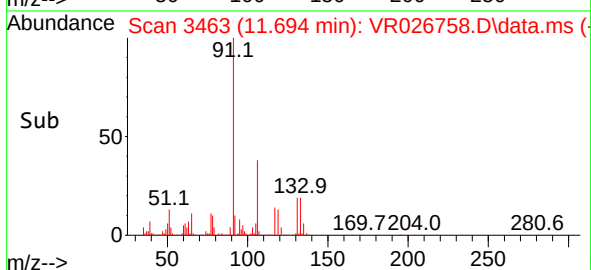
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

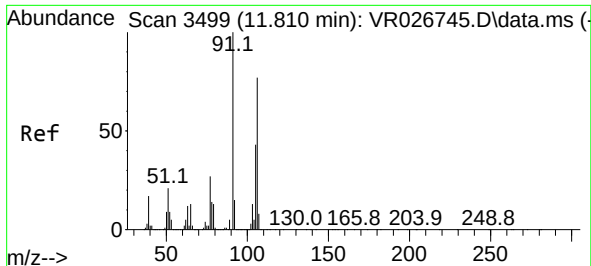


#66
Ethyl Benzene
Concen: 53.872 ug/l
RT: 11.694 min Scan# 3463
Delta R.T. 0.010 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48



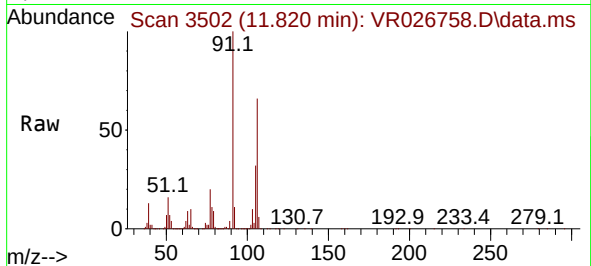
Tgt Ion: 91 Resp: 4434977
Ion Ratio Lower Upper
91 100
106 38.1 38.7 58.1#





#67
m/p-Xylenes
Concen: 106.764 ug/l
RT: 11.820 min Scan# 3499
Delta R.T. 0.009 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

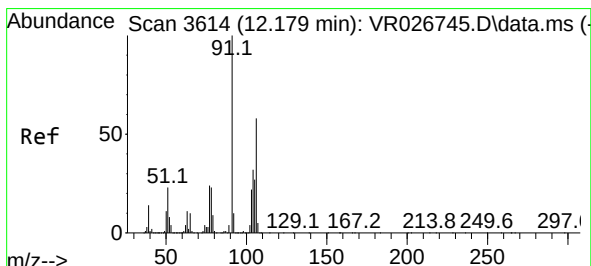
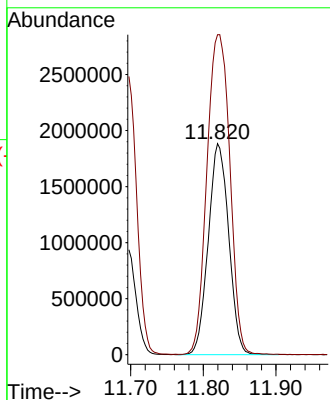
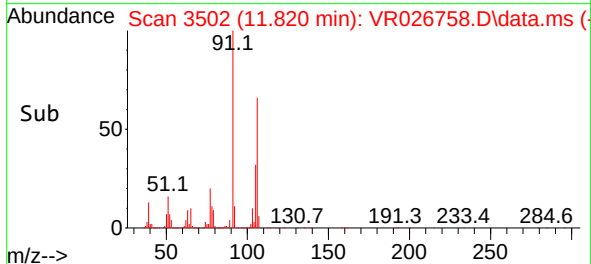
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



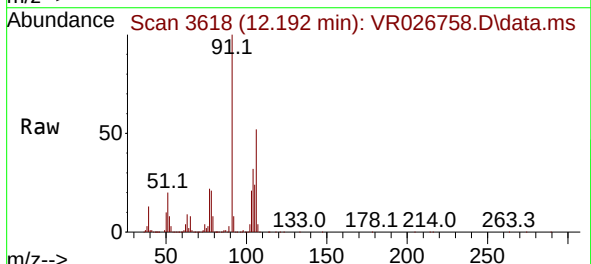
Tgt Ion:106 Resp: 3677890
Ion Ratio Lower Upper
106 100
91 170.3 121.6 182.4

Manual Integrations
APPROVED

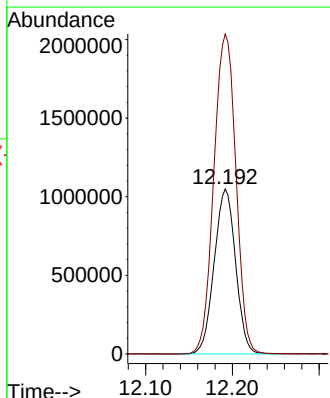
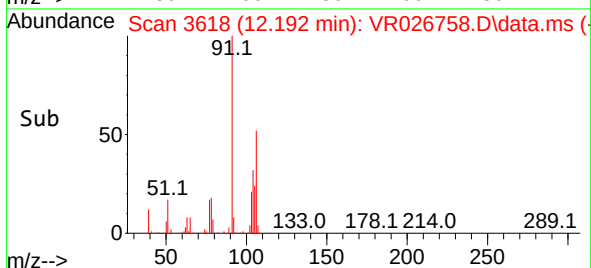
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

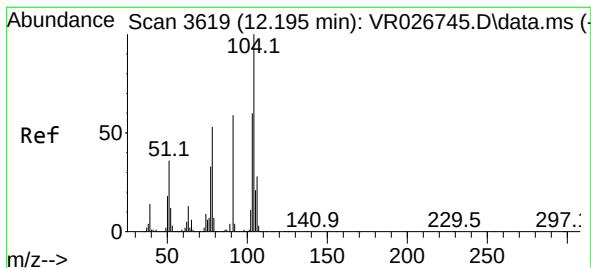


#68
o-Xylene
Concen: 51.462 ug/l
RT: 12.192 min Scan# 3618
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48



Tgt Ion:106 Resp: 1796331
Ion Ratio Lower Upper
106 100
91 200.4 93.7 281.1





#69

Styrene

Concen: 55.936 ug/l

RT: 12.208 min Scan# 3623

Delta R.T. 0.013 min

Lab File: VR026758.D

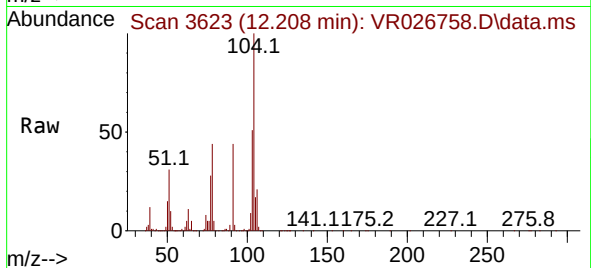
Acq: 25 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050



Tgt Ion:104 Resp: 287323

Ion Ratio Lower Upper

104 100

78 49.5 42.5 63.7

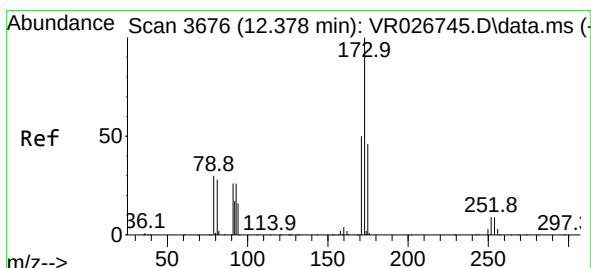
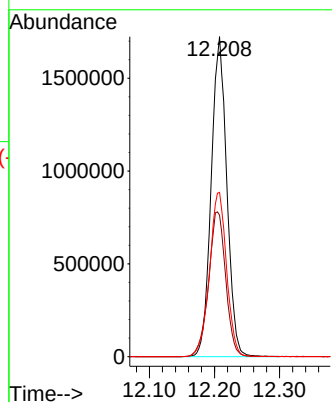
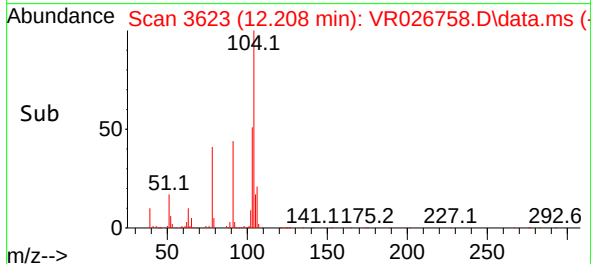
103 56.2 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#70

Bromoform

Concen: 57.438 ug/l

RT: 12.391 min Scan# 3680

Delta R.T. 0.013 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

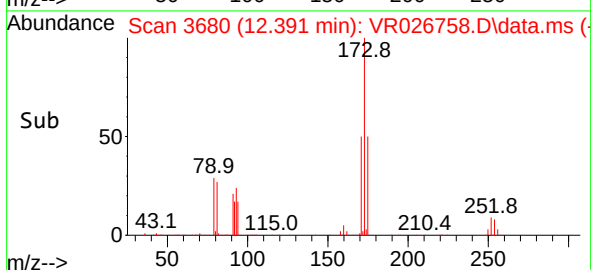
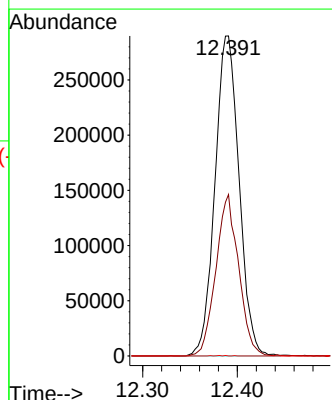
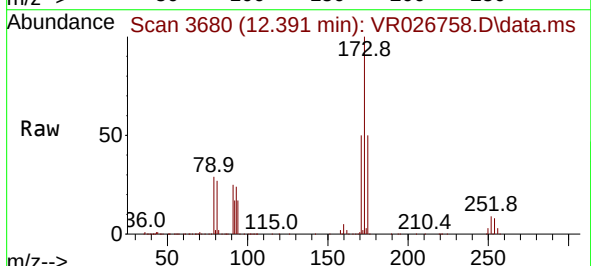
Tgt Ion:173 Resp: 512016

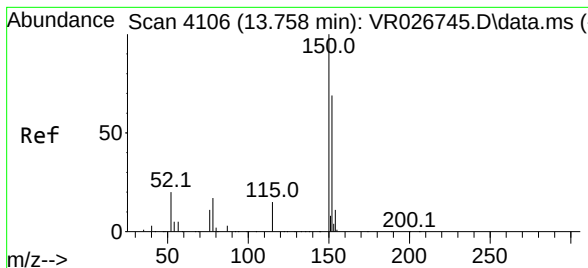
Ion Ratio Lower Upper

173 100

175 47.6 23.8 71.4

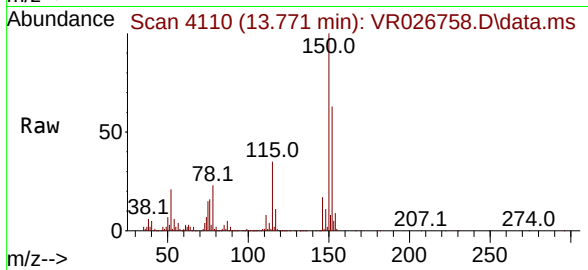
254 0.0 0.0 0.0#





#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 4110
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

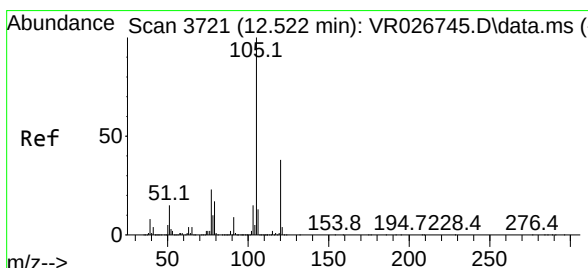
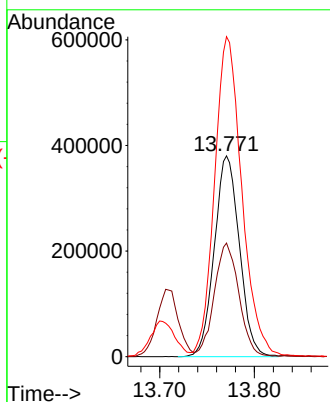
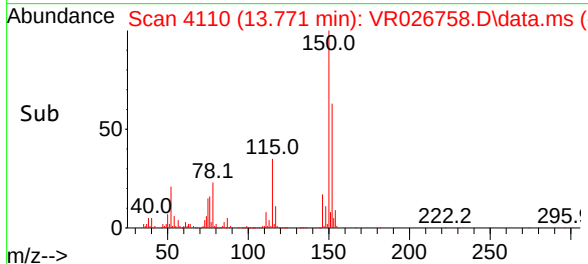
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



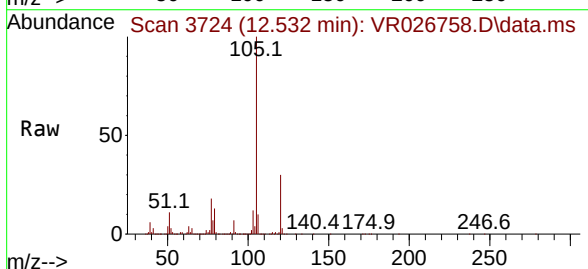
Tgt Ion:152 Resp: 698775
Ion Ratio Lower Upper
152 100
115 55.1 28.5 85.5
150 172.9 0.0 352.0

Manual Integrations
APPROVED

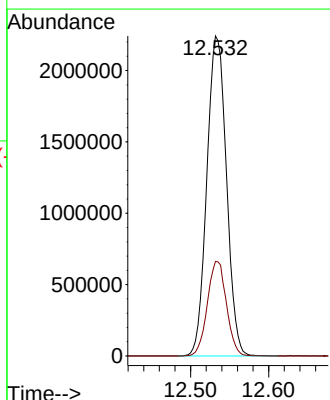
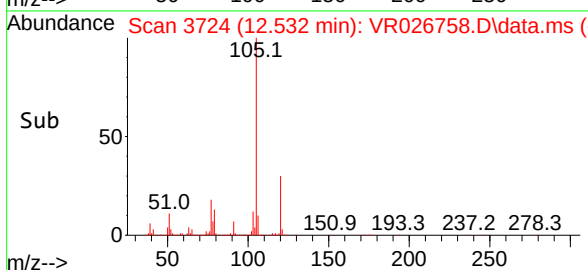
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

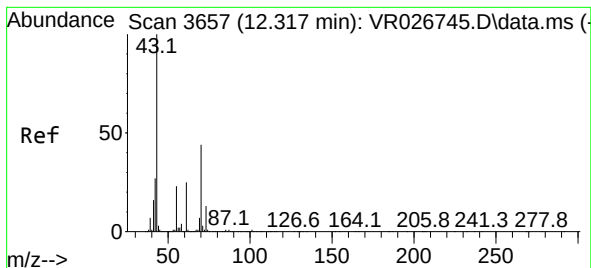


#72
Isopropylbenzene
Concen: 51.588 ug/l
RT: 12.532 min Scan# 3724
Delta R.T. 0.010 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48



Tgt Ion:105 Resp: 3912990
Ion Ratio Lower Upper
105 100
120 28.8 16.4 49.2





#73

N-amy1 acetate

Concen: 60.684 ug/l

RT: 12.330 min Scan# 30

Delta R.T. 0.013 min

Lab File: VR026758.D

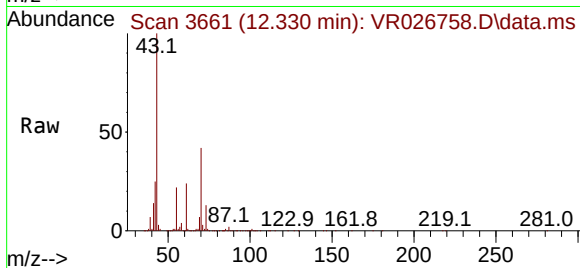
Acq: 25 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 166180

Ion Ratio Lower Upper

43 100

70 41.5 34.1 51.1

55 22.2 18.1 27.1

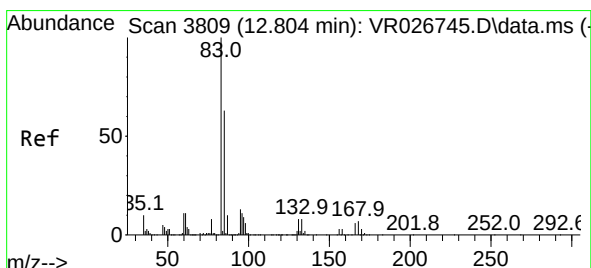
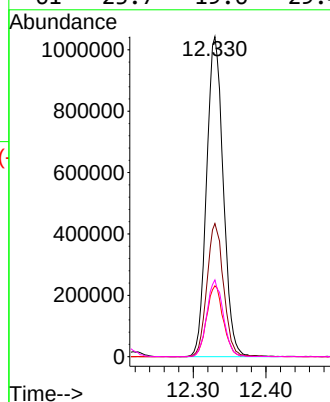
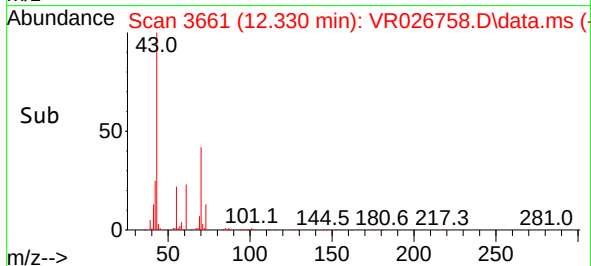
61 23.7 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#74

1,1,2,2-Tetrachloroethane

Concen: 54.439 ug/l

RT: 12.814 min Scan# 3812

Delta R.T. 0.010 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

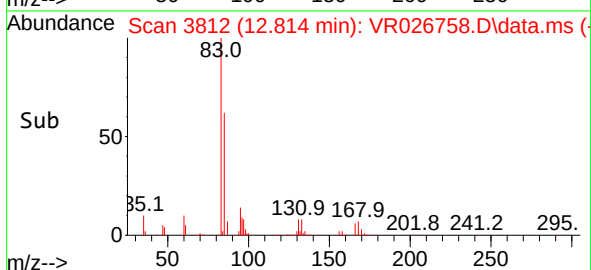
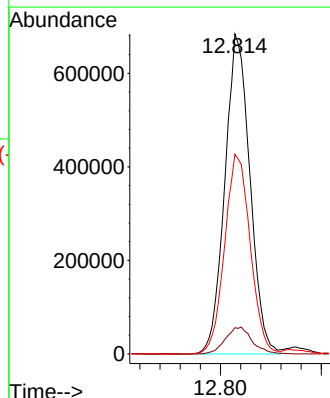
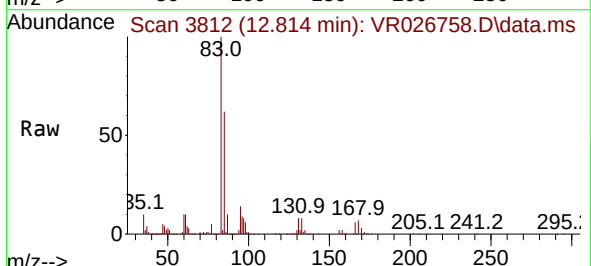
Tgt Ion: 83 Resp: 1182057

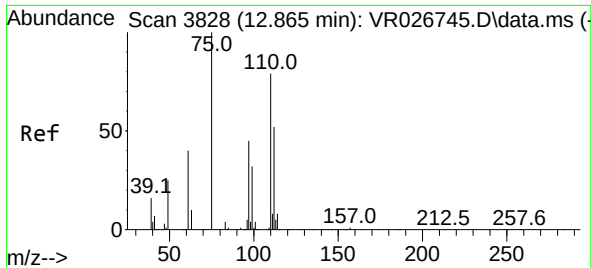
Ion Ratio Lower Upper

83 100

131 9.0 4.6 13.8

85 63.8 31.7 95.1





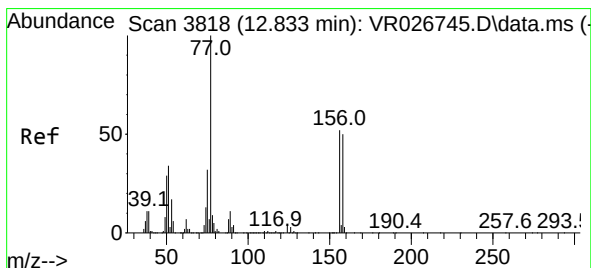
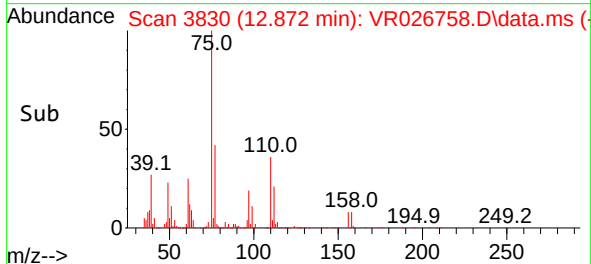
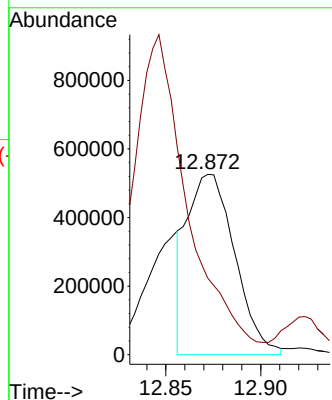
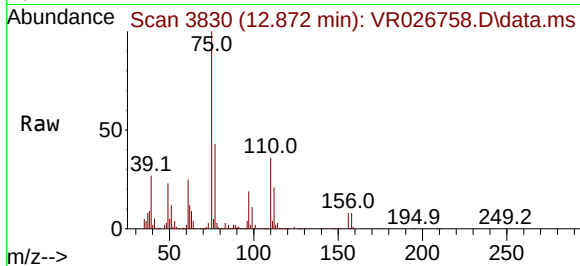
#75
1,2,3-Trichloropropane
Concen: 53.317 ug/l m
RT: 12.872 min Scan# 3830
Delta R.T. 0.007 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 918390
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

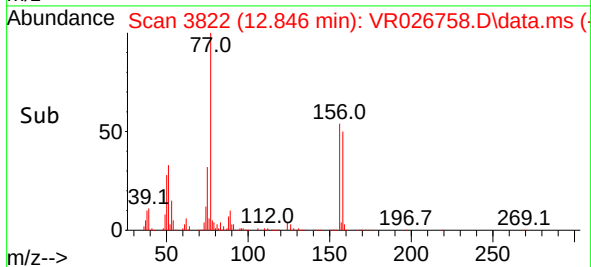
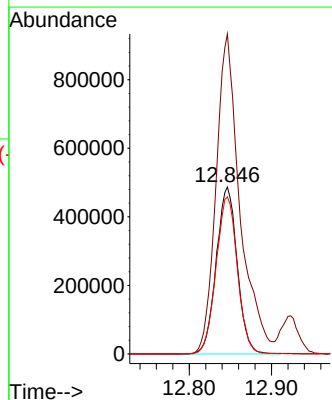
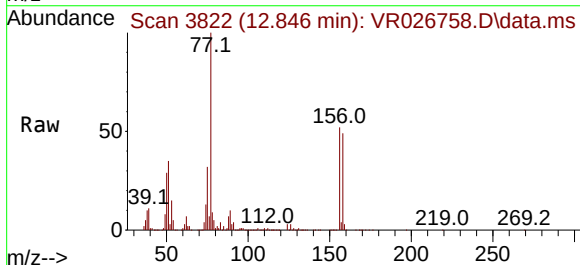
Manual Integrations
APPROVED

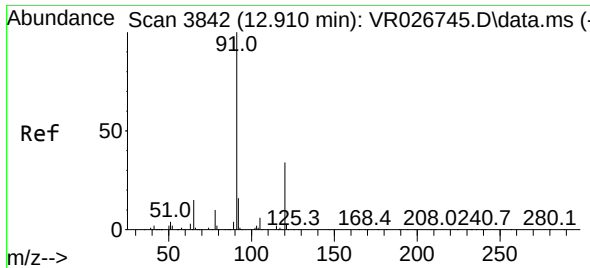
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#76
Bromobenzene
Concen: 52.009 ug/l
RT: 12.846 min Scan# 3822
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

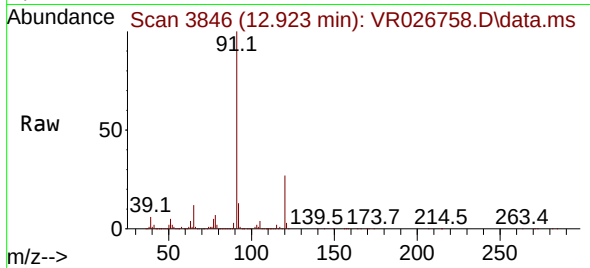
Tgt Ion:156 Resp: 863495
Ion Ratio Lower Upper
156 100
77 219.0 109.8 329.4
158 96.0 47.5 142.6





#77
n-propylbenzene
Concen: 52.203 ug/l
RT: 12.923 min Scan# 3846
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

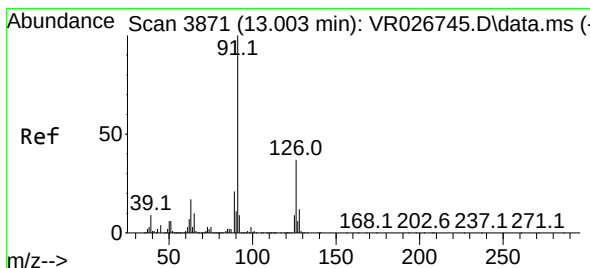
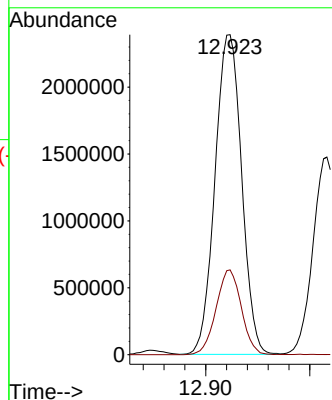
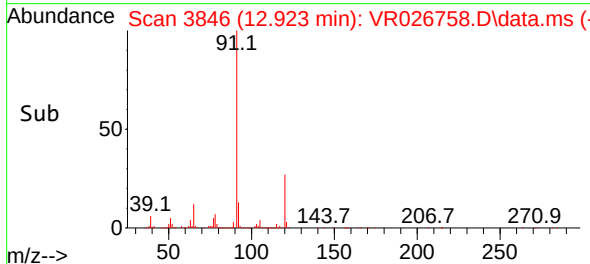
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



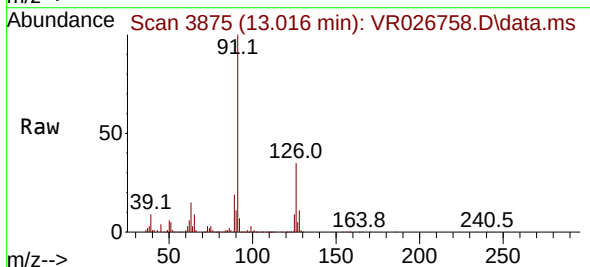
Tgt Ion: 91 Resp: 4245040
Ion Ratio Lower Upper
91 100
120 25.1 14.2 42.8

Manual Integrations
APPROVED

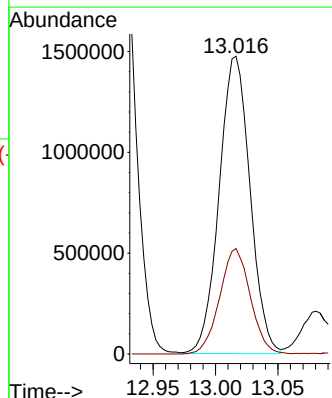
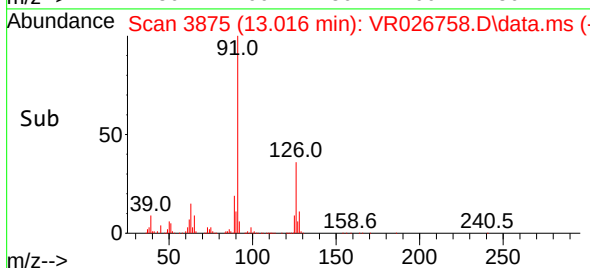
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

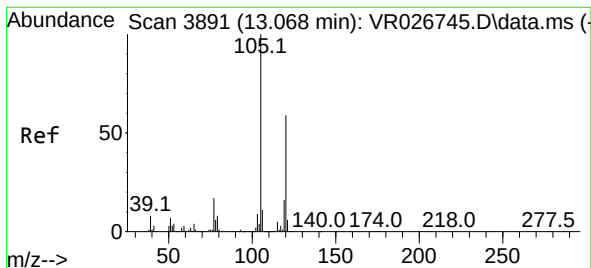


#78
2-Chlorotoluene
Concen: 52.916 ug/l
RT: 13.016 min Scan# 3875
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48



Tgt Ion: 91 Resp: 2541194
Ion Ratio Lower Upper
91 100
126 35.1 18.0 54.0





#79

1,3,5-Trimethylbenzene

Concen: 52.769 ug/l

RT: 13.081 min Scan# 3895

Delta R.T. 0.013 min

Lab File: VR026758.D

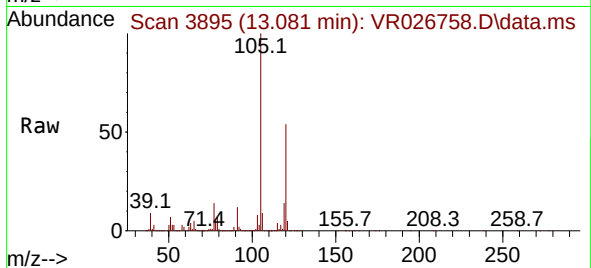
Acq: 25 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050



Tgt Ion:105 Resp: 298896

Ion Ratio Lower Upper

105 100

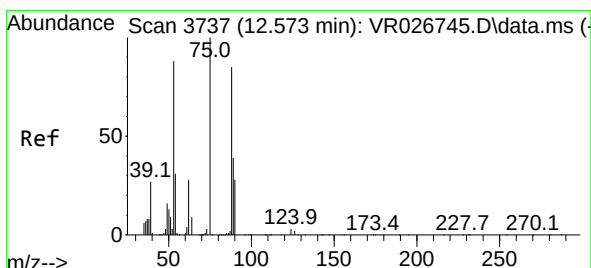
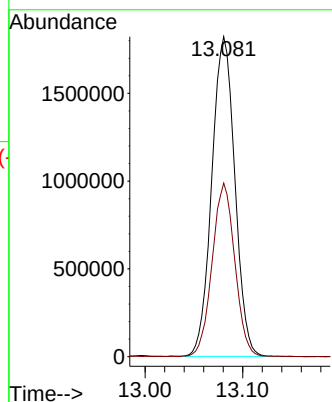
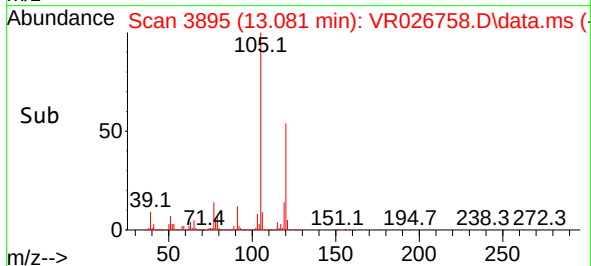
120 53.4 27.8 83.4

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: 49.340 ug/l

RT: 12.586 min Scan# 3741

Delta R.T. 0.013 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

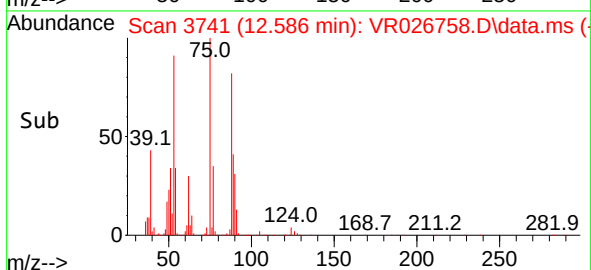
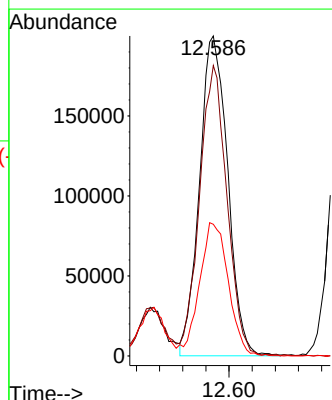
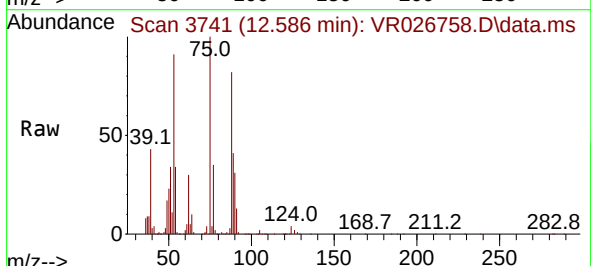
Tgt Ion: 75 Resp: 338194

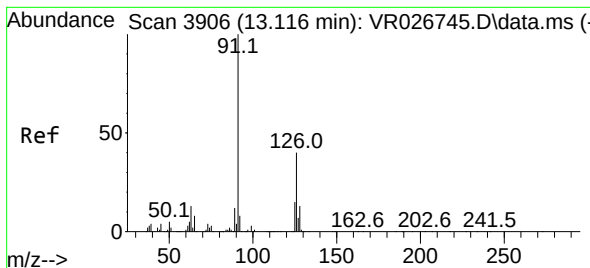
Ion Ratio Lower Upper

75 100

53 87.7 70.9 106.3

89 42.1 33.4 50.0





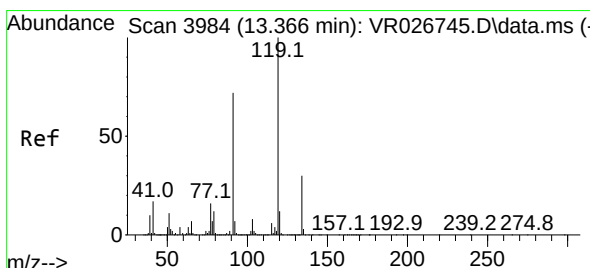
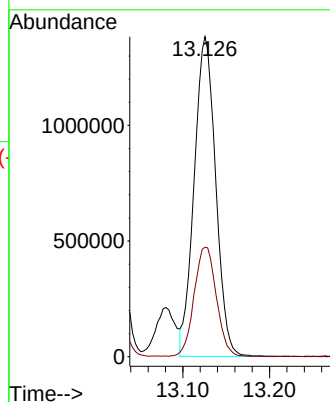
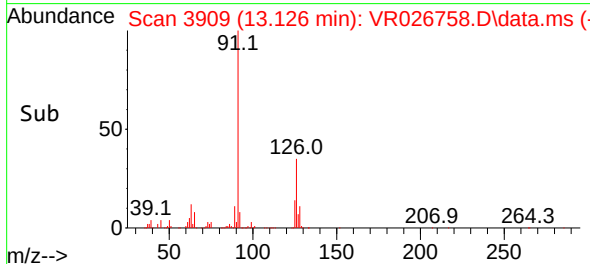
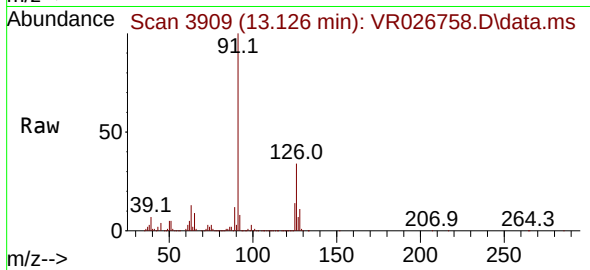
#81
4-Chlorotoluene
Concen: 54.072 ug/l
RT: 13.126 min Scan# 3906
Delta R.T. 0.010 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 2379299
Ion Ratio Lower Upper
91 100
126 35.6 18.2 54.6

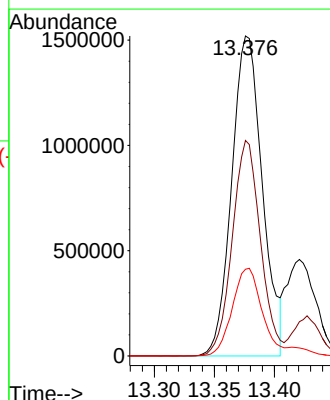
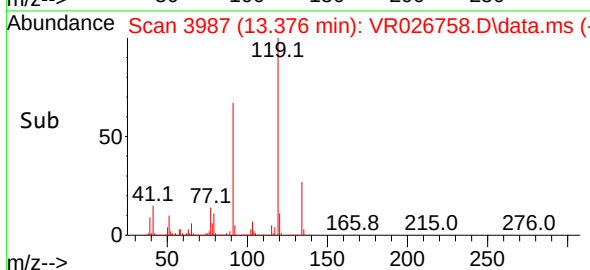
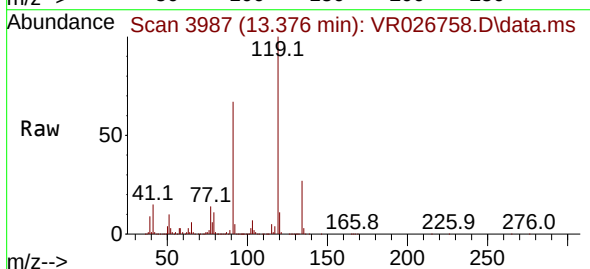
Manual Integrations
APPROVED

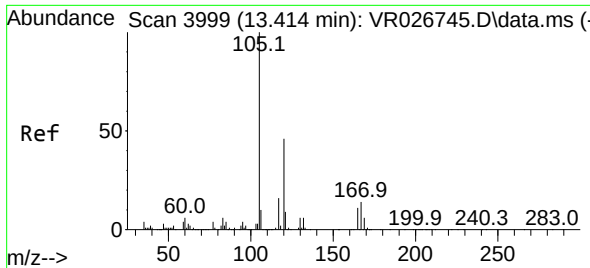
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#82
tert-Butylbenzene
Concen: 50.986 ug/l
RT: 13.376 min Scan# 3987
Delta R.T. 0.010 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

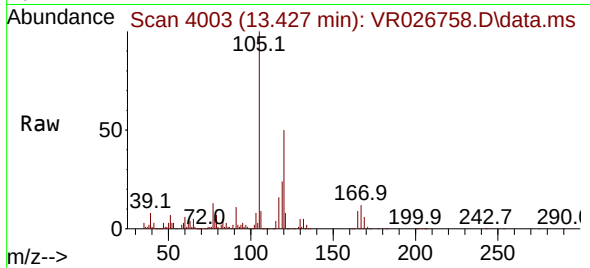
Tgt Ion:119 Resp: 2699934
Ion Ratio Lower Upper
119 100
91 62.4 33.5 100.5
134 26.8 14.9 44.9





#83
1,2,4-Trimethylbenzene
Concen: 54.565 ug/l
RT: 13.427 min Scan# 4003
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

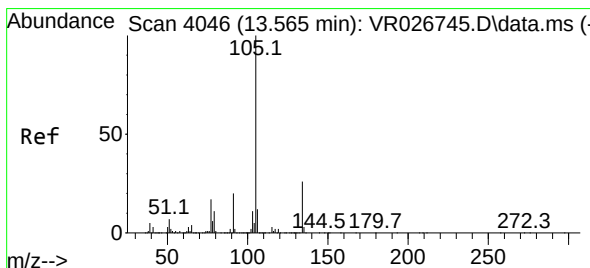
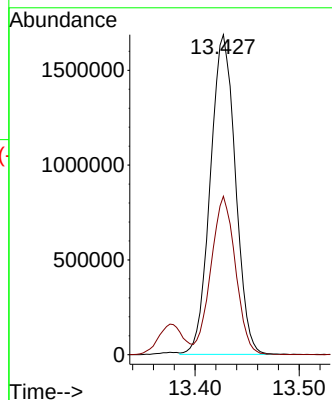
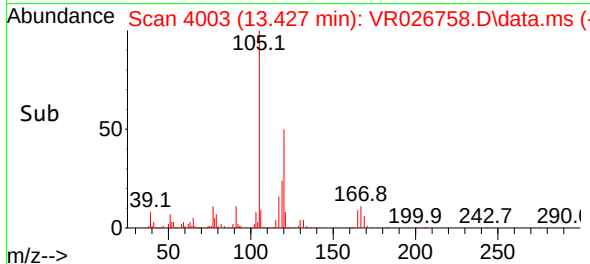
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



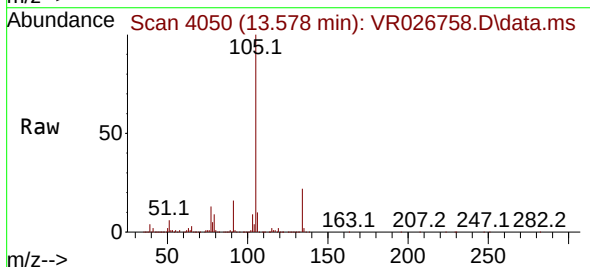
Tgt Ion:105 Resp: 281818
Ion Ratio Lower Upper
105 100
120 48.5 25.3 75.9

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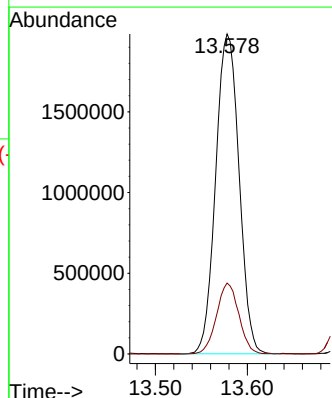
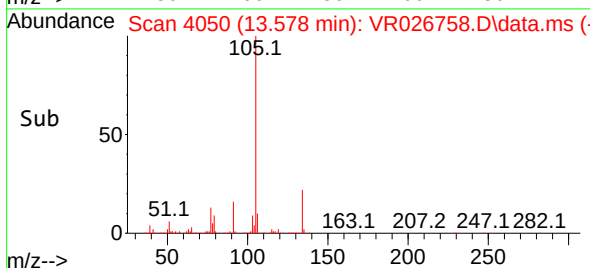
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

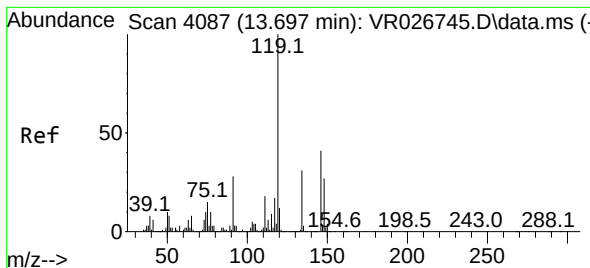


#84
sec-Butylbenzene
Concen: 51.354 ug/l
RT: 13.578 min Scan# 4050
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48



Tgt Ion:105 Resp: 3497876
Ion Ratio Lower Upper
105 100
134 21.2 11.6 34.7





#85

p-Isopropyltoluene

Concen: 52.344 ug/l

RT: 13.706 min Scan# 4089

Delta R.T. 0.010 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 277046

Ion Ratio Lower Upper

119 100

134 27.5 14.4 43.2

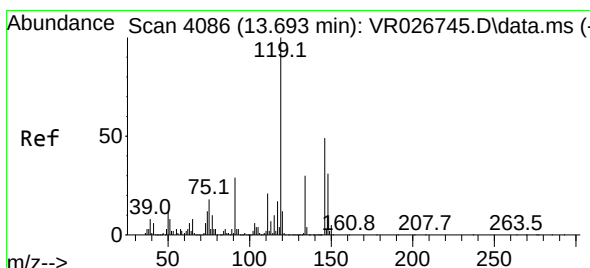
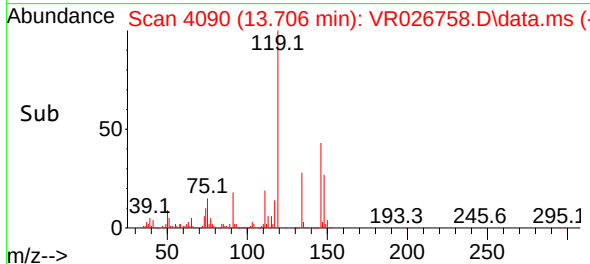
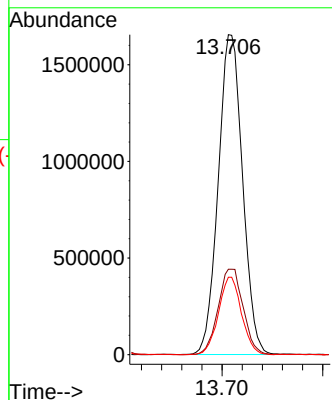
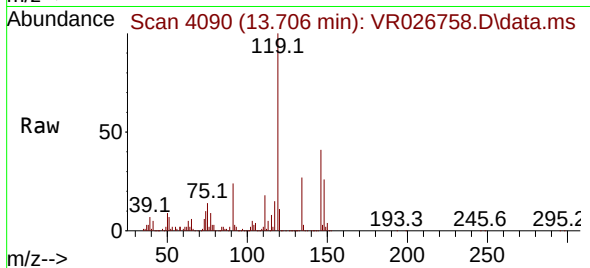
91 22.9 12.7 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#86

1,3-Dichlorobenzene

Concen: 50.975 ug/l

RT: 13.703 min Scan# 4089

Delta R.T. 0.010 min

Lab File: VR026758.D

Acq: 25 Aug 2025 11:48

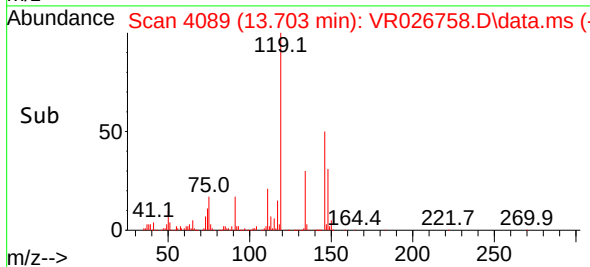
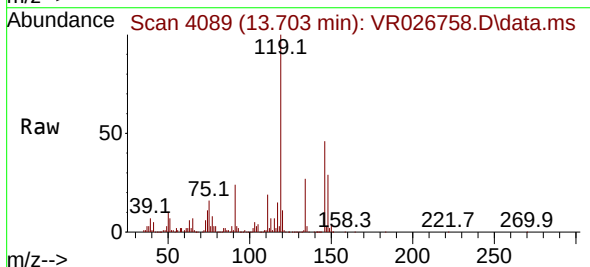
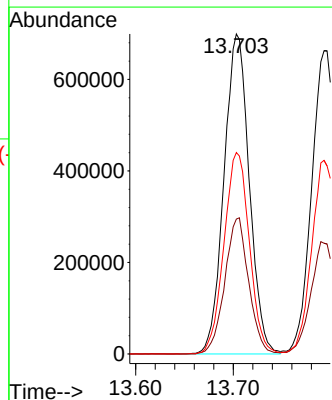
Tgt Ion:146 Resp: 1256914

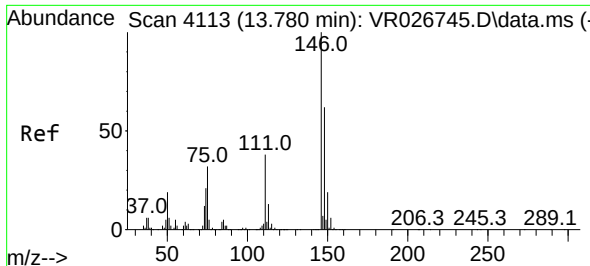
Ion Ratio Lower Upper

146 100

111 40.3 20.9 62.7

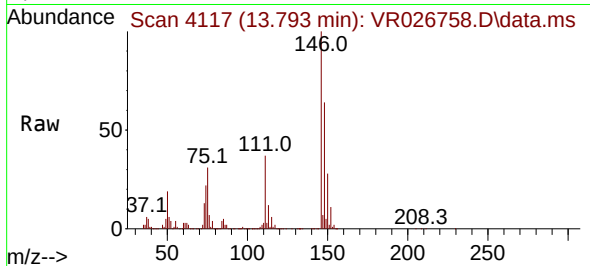
148 63.4 31.8 95.3





#87
1,4-Dichlorobenzene
Concen: 50.738 ug/l
RT: 13.793 min Scan# 4113
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

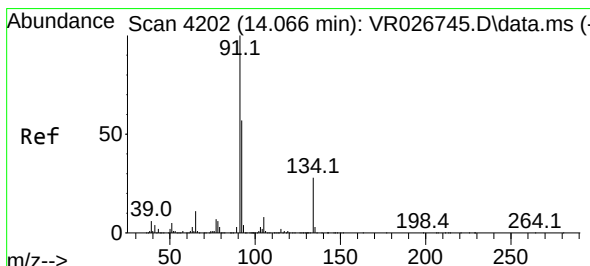
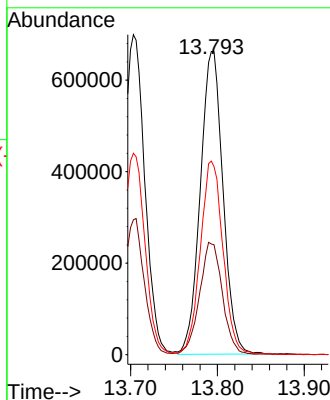
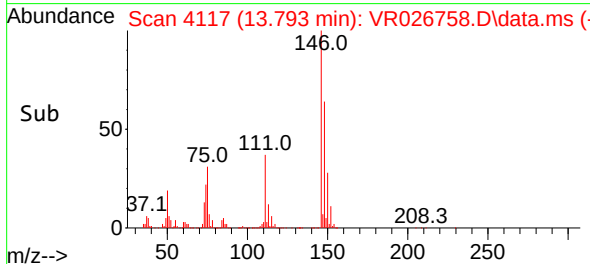
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 120528
Ion Ratio Lower Upper
146 100
111 36.8 18.6 55.6
148 63.2 31.5 94.5

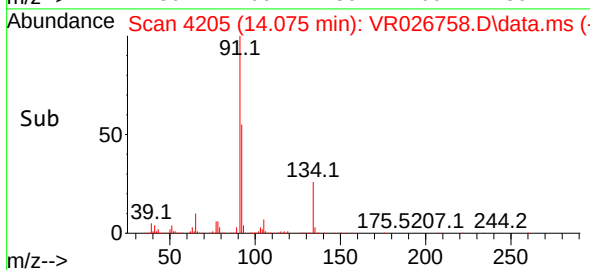
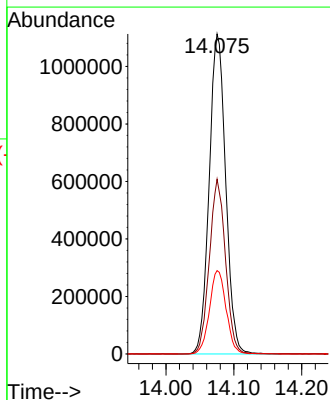
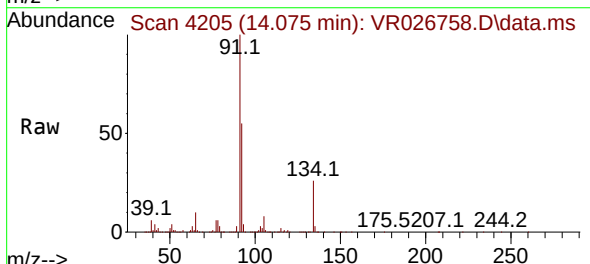
Manual Integrations
APPROVED

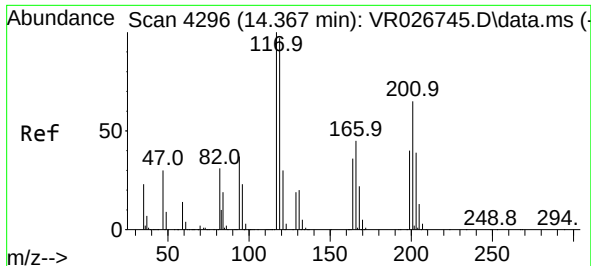
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#88
n-Butylbenzene
Concen: 49.574 ug/l
RT: 14.075 min Scan# 4205
Delta R.T. 0.009 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

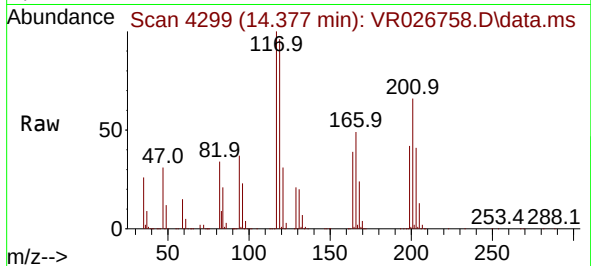
Tgt Ion: 91 Resp: 1874753
Ion Ratio Lower Upper
91 100
92 53.6 27.7 83.0
134 26.4 13.5 40.5





#89
Hexachloroethane
Concen: 51.471 ug/l
RT: 14.377 min Scan# 41
Delta R.T. 0.010 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

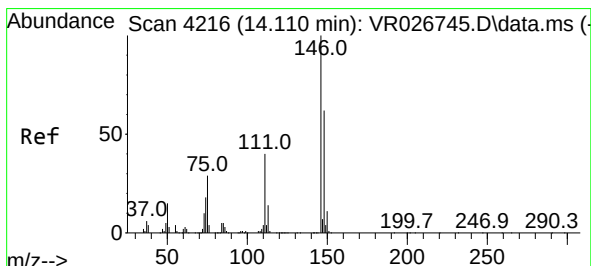
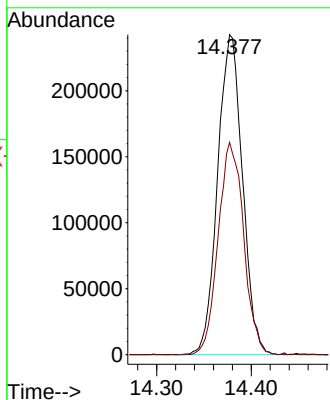
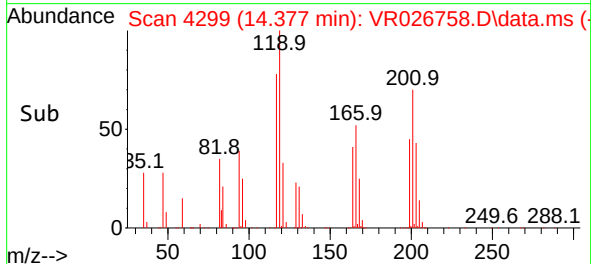
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



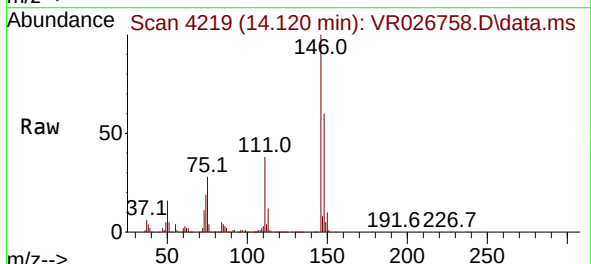
Tgt Ion:117 Resp: 44187
Ion Ratio Lower Upper
117 100
201 67.9 33.3 99.9

Manual Integrations
APPROVED

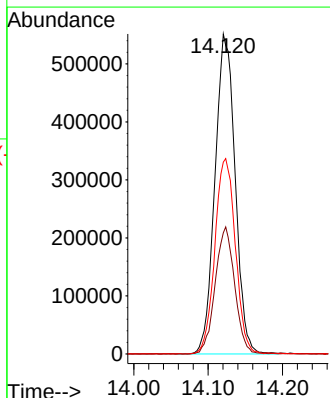
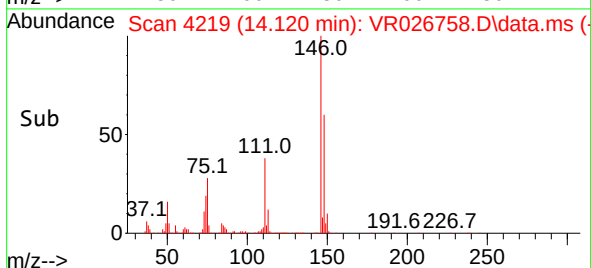
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

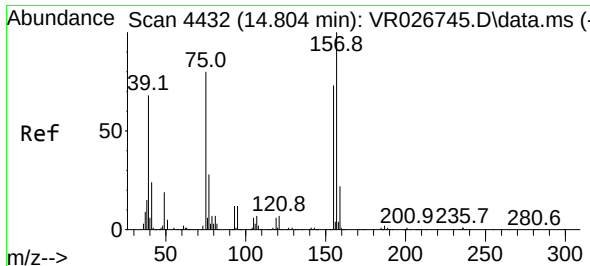


#90
1,2-Dichlorobenzene
Concen: 50.257 ug/l
RT: 14.120 min Scan# 4219
Delta R.T. 0.010 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48



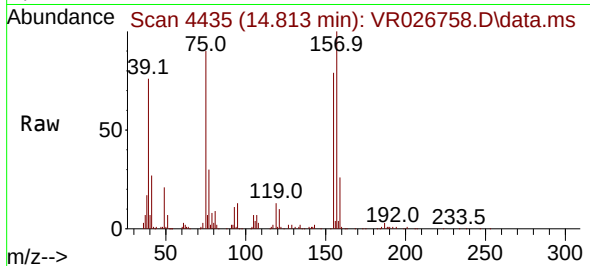
Tgt Ion:146 Resp: 1040680
Ion Ratio Lower Upper
146 100
111 38.4 19.9 59.7
148 62.0 31.5 94.5





#91
 1,2-Dibromo-3-Chloropropane
 Concen: 50.653 ug/l
 RT: 14.813 min Scan# 4435
 Delta R.T. 0.009 min
 Lab File: VR026758.D
 Acq: 25 Aug 2025 11:48

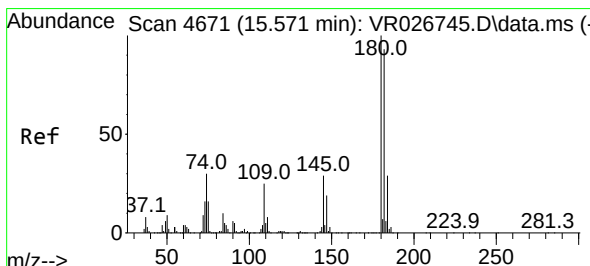
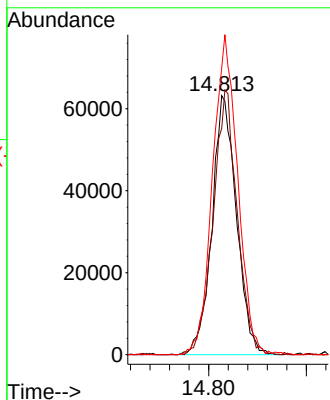
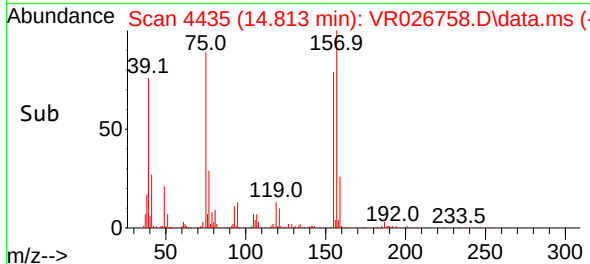
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050



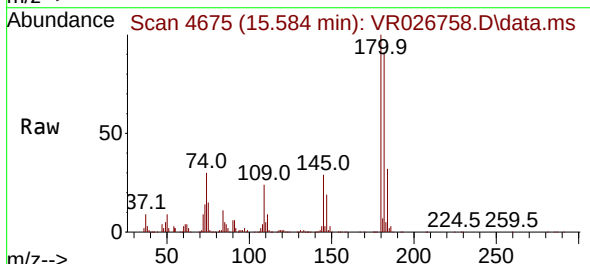
Tgt Ion: 75 Resp: 109874
 Ion Ratio Lower Upper
 75 100
 155 100.7 48.4 145.3
 157 126.7 62.3 186.8

Manual Integrations
 APPROVED

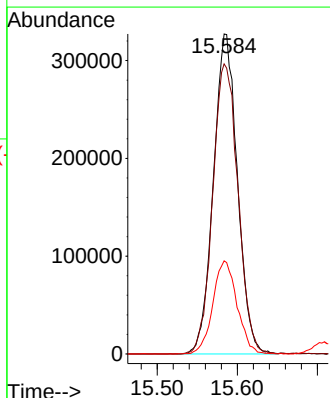
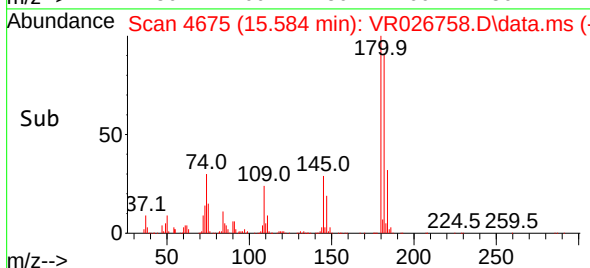
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

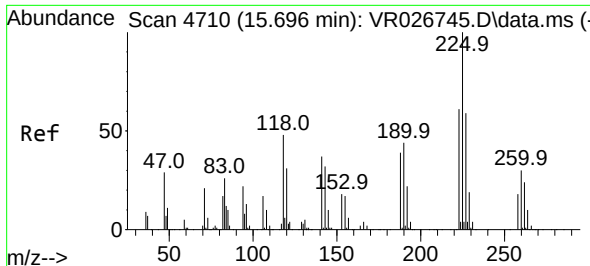


#92
 1,2,4-Trichlorobenzene
 Concen: 50.056 ug/l
 RT: 15.584 min Scan# 4675
 Delta R.T. 0.013 min
 Lab File: VR026758.D
 Acq: 25 Aug 2025 11:48



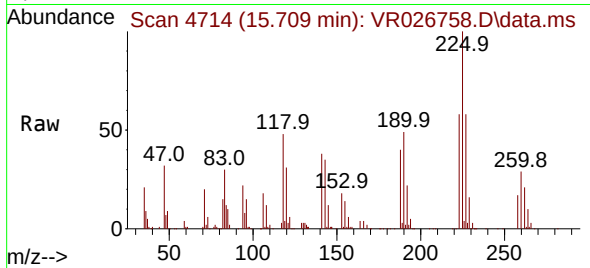
Tgt Ion:180 Resp: 681011
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.1 141.4
 145 29.4 14.4 43.4





#93
Hexachlorobutadiene
Concen: 47.685 ug/l
RT: 15.709 min Scan# 4714
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

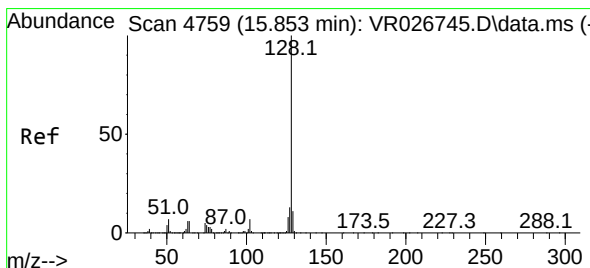
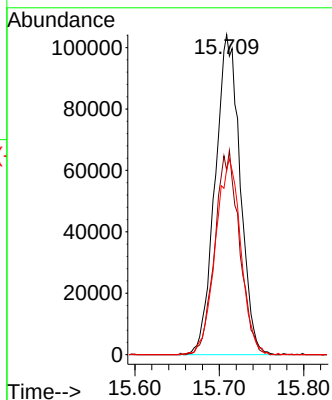
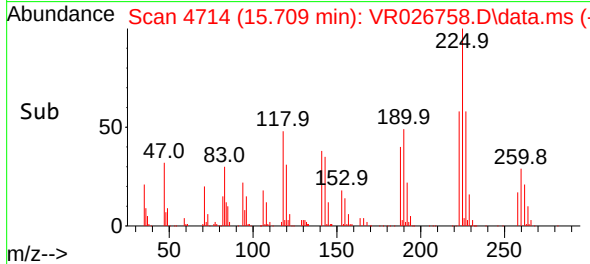
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050



Tgt Ion:225 Resp: 21383
Ion Ratio Lower Upper
225 100
223 62.9 31.5 94.5
227 62.2 31.3 93.8

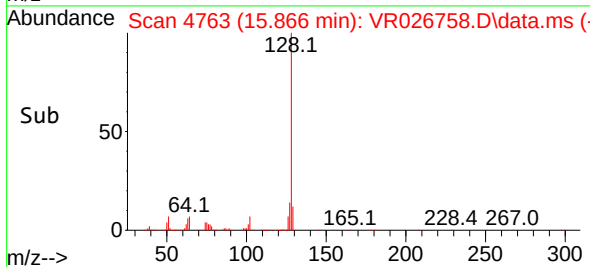
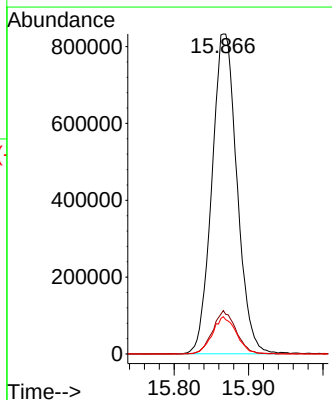
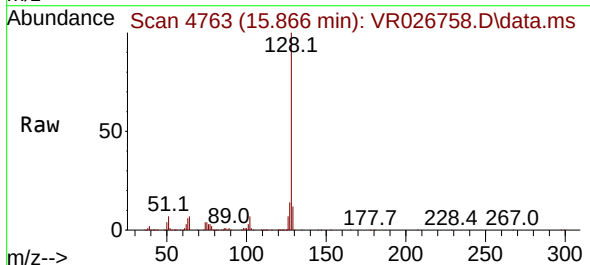
Manual Integrations
APPROVED

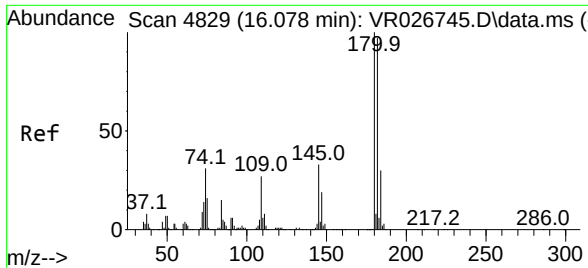
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#94
Naphthalene
Concen: 50.255 ug/l
RT: 15.866 min Scan# 4763
Delta R.T. 0.013 min
Lab File: VR026758.D
Acq: 25 Aug 2025 11:48

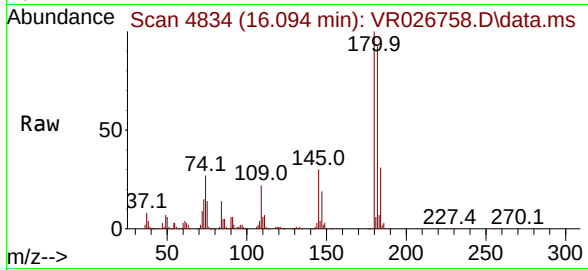
Tgt Ion:128 Resp: 1954985
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.2 8.7 13.1





#95
 1,2,3-Trichlorobenzene
 Concen: 50.799 ug/l
 RT: 16.094 min Scan# 4829
 Delta R.T. 0.016 min
 Lab File: VR026758.D
 Acq: 25 Aug 2025 11:48

Instrument : MSVOA_R
 ClientSampleId : VSTDCCC050



Tgt Ion:180 Resp: 670609

Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.5	142.6
145	29.5	15.6	46.8

Manual Integrations
 APPROVED

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

