

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082125\
 Data File : VR026756.D
 Acq On : 21 Aug 2025 14:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 22 06:57:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 06:50:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/25/2025
 Supervised By : Mahesh Dadoda 08/25/2025

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

Internal Standards						
1) Pentafluorobenzene	7.388	168	1863855	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.392	114	3015335	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.566	117	2423975	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.761	152	730243	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.770	65	1210515	51.717	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.440%			
34) Dibromofluoromethane	7.298	113	981433	49.904	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.800%			
49) Toluene-d8	10.077	98	3345999	50.751	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.500%			
61) 4-Bromofluorobenzene	12.699	95	932383	49.842	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.817	85	773929	43.941	ug/l	99
3) Chloromethane	1.817	50	87850	41.922	ug/l #	98
4) Vinyl Chloride	2.125	62	1298657	44.811	ug/l	98
5) Bromomethane	2.446	94	416664	46.829	ug/l	99
6) Chloroethane	2.578	64	839241	50.748	ug/l	96
7) Trichlorofluoromethane	2.873	101	2569948	45.746	ug/l	100
8) Diethyl Ether	3.236	74	968790	53.908	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.547	101	1087683	48.452	ug/l	99
10) Methyl Iodide	3.714	142	1313304	55.046	ug/l	99
11) Tert butyl alcohol	4.494	59	743255m	206.555	ug/l	
12) 1,1-Dichloroethene	3.524	96	1187056	48.728	ug/l	98
13) Acrolein	3.406	56	474368	190.731	ug/l	97
14) Allyl chloride	4.054	41	2234173	49.765	ug/l	99
15) Acrylonitrile	4.657	53	3710565	241.109	ug/l	99
16) Acetone	3.608	43	2651285	213.990	ug/l	100
17) Carbon Disulfide	3.810	76	3020048	51.045	ug/l	100
18) Methyl Acetate	4.057	43	1690190	46.828	ug/l	99
19) Methyl tert-butyl Ether	4.715	73	4242624	54.910	ug/l	100
20) Methylene Chloride	4.259	84	1373002	51.953	ug/l	99
21) trans-1,2-Dichloroethene	4.702	96	1277192	50.143	ug/l	99
22) Diisopropyl ether	5.613	45	5024368	54.399	ug/l	97
23) Vinyl Acetate	5.546	43	15061729	245.879	ug/l	91
24) 1,1-Dichloroethane	5.485	63	2308622	50.794	ug/l	99
25) 2-Butanone	6.499	43	4497806	233.812	ug/l	97
26) 2,2-Dichloropropane	6.480	77	1657694	53.239	ug/l	99
27) cis-1,2-Dichloroethene	6.480	96	1550990	53.801	ug/l	100
28) Bromochloromethane	6.865	49	661087	49.146	ug/l	98
29) Chloroform	7.061	83	2175069	53.264	ug/l	99
30) Cyclohexane	7.372	56	2251063	46.965	ug/l	99
31) 1,1,1-Trichloroethane	7.276	97	1715597	51.738	ug/l	99
35) 1,1-Dichloropropene	7.523	75	1555407	50.786	ug/l	100
36) Ethyl Acetate	6.599	43	1885633	48.127	ug/l	99
37) Carbon Tetrachloride	7.497	117	1420973	51.559	ug/l	98
38) Methylcyclohexane	8.944	83	1953533	50.974	ug/l	95
39) Benzene	7.789	78	5103094	54.276	ug/l	93
40) Methacrylonitrile	6.839	41	1047197	51.244	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.879	62	1412736	54.191	ug/l	100
42) Isopropyl Acetate	7.943	43	2953687	53.174	ug/l	99
43) Trichloroethene	8.665	130	999180	48.711	ug/l	98
44) 1,2-Dichloropropane	8.976	63	1190935	52.910	ug/l	100
45) Dibromomethane	9.076	93	777445	54.371	ug/l	99
46) Bromodichloromethane	9.297	83	1480221	55.614	ug/l	99
47) Methyl methacrylate	9.082	41	1438266	53.050	ug/l	100
48) 1,4-Dioxane	9.082	88	325462	934.469	ug/l	100
50) 4-Methyl-2-Pentanone	9.961	43	6718182	244.639	ug/l	91
51) Toluene	10.148	92	2853901	53.156	ug/l	93
52) t-1,3-Dichloropropene	10.404	75	1462909	58.032	ug/l	96
53) cis-1,3-Dichloropropene	9.791	75	1700423	55.601	ug/l	99
54) 1,1,2-Trichloroethane	10.606	97	997615	52.350	ug/l	97
55) Ethyl methacrylate	10.469	69	1787627	54.536	ug/l	100
56) 1,3-Dichloropropane	10.770	76	1709590	53.224	ug/l	100
57) 2-Chloroethyl Vinyl ether	9.631	63	381370	217.127	ug/l	98
58) 2-Hexanone	10.828	43	4861860	259.022	ug/l	91
59) Dibromochloromethane	10.988	129	981963	54.782	ug/l	100
60) 1,2-Dibromoethane	11.104	107	910285	52.852	ug/l	99
63) Tetrachloroethene	10.690	164	796044	46.740	ug/l	97
64) Chlorobenzene	11.595	112	2784510	51.621	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.681	131	954000	52.675	ug/l	100
66) Ethyl Benzene	11.688	91	4826092	53.512	ug/l	87
67) m/p-Xylenes	11.816	106	4098000	108.588	ug/l	90
68) o-Xylene	12.185	106	2004854	52.428	ug/l	93
69) Styrene	12.201	104	3153447	56.039	ug/l	96
70) Bromoform	12.381	173	527252	53.990	ug/l #	99
72) Isopropylbenzene	12.529	105	4268335	53.848	ug/l	94
73) N-amyl acetate	12.323	43	1722585	60.193	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.808	83	1187129	52.317	ug/l	99
75) 1,2,3-Trichloropropane	12.866	75	939887m	52.213	ug/l	
76) Bromobenzene	12.840	156	908072	52.337	ug/l	99
77) n-propylbenzene	12.914	91	4596282	54.087	ug/l	95
78) 2-Chlorotoluene	13.007	91	2719112	54.181	ug/l	98
79) 1,3,5-Trimethylbenzene	13.074	105	3183740	53.786	ug/l	97
80) trans-1,4-Dichloro-2-b...	12.580	75	346236	58.687	ug/l	100
81) 4-Chlorotoluene	13.116	91	2538487	55.204	ug/l	98
82) tert-Butylbenzene	13.369	119	2915126	52.677	ug/l	95
83) 1,2,4-Trimethylbenzene	13.421	105	2960804	54.856	ug/l	97
84) sec-Butylbenzene	13.572	105	3746944	52.640	ug/l	96
85) p-Isopropyltoluene	13.703	119	2893942	52.321	ug/l	97
86) 1,3-Dichlorobenzene	13.697	146	1288094	49.989	ug/l	99
87) 1,4-Dichlorobenzene	13.787	146	1249666	50.339	ug/l	99
88) n-Butylbenzene	14.069	91	2025505	51.252	ug/l	98
89) Hexachloroethane	14.371	117	445475	49.654	ug/l	99
90) 1,2-Dichlorobenzene	14.117	146	1100640	50.862	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	14.813	75	114095	50.710	ug/l	98
92) 1,2,4-Trichlorobenzene	15.580	180	744939	52.395	ug/l	100
93) Hexachlorobutadiene	15.702	225	256596	54.755	ug/l	100
94) Naphthalene	15.863	128	1990633	48.966	ug/l	100
95) 1,2,3-Trichlorobenzene	15.580	180	744939	53.998	ug/l	99

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ALS Vial : 10 Sample Multiplier: 1

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

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

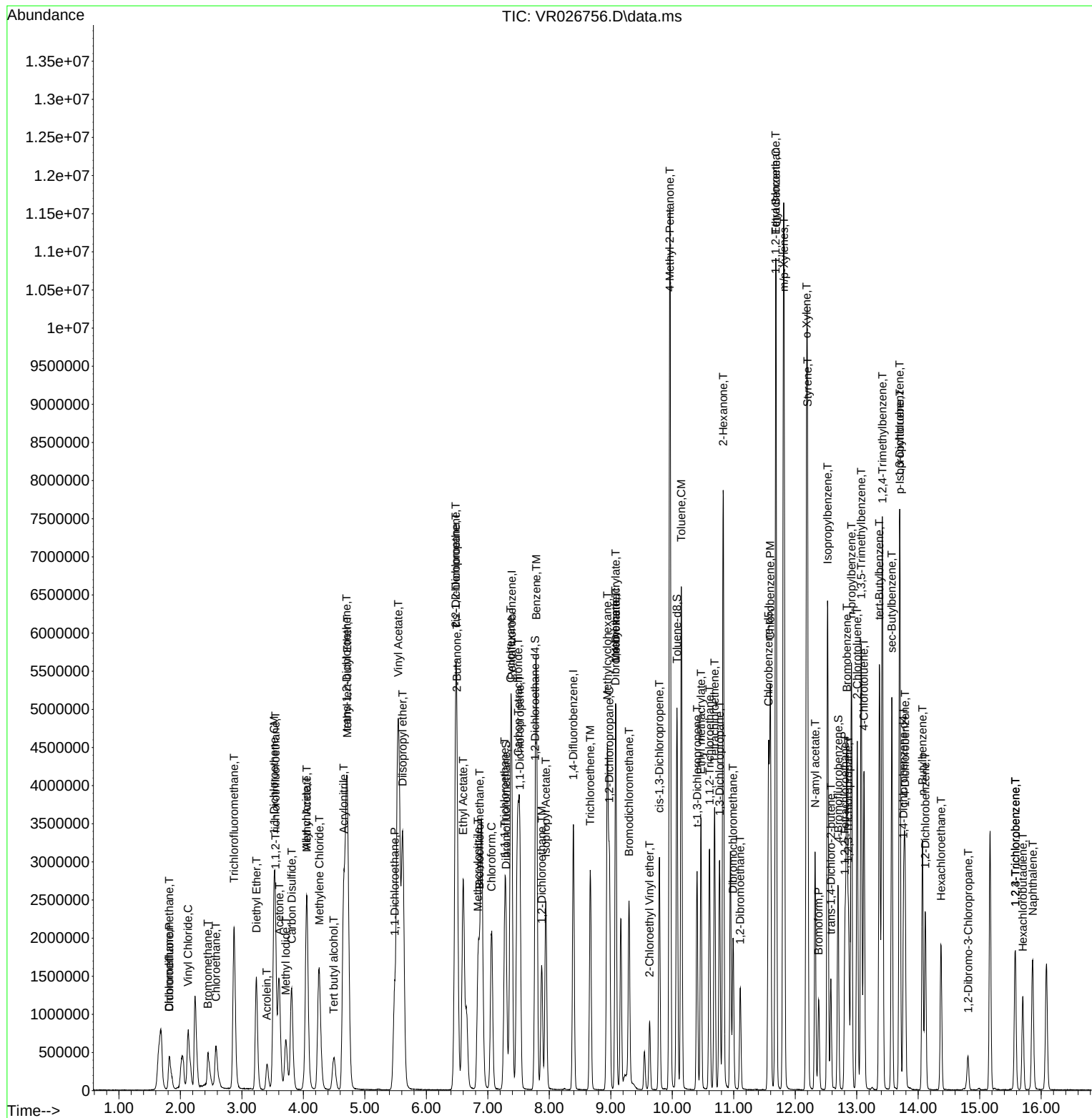
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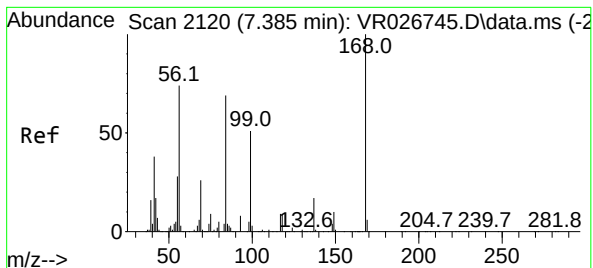
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.388 min Scan# 2120

Delta R.T. 0.003 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 186385

Ion Ratio Lower Upper

168 100

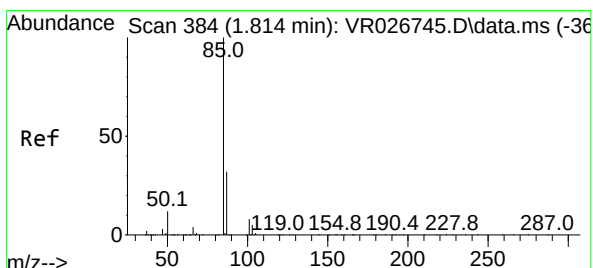
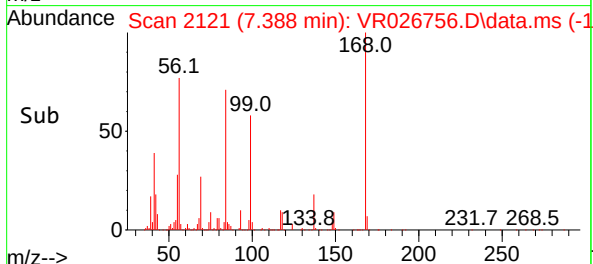
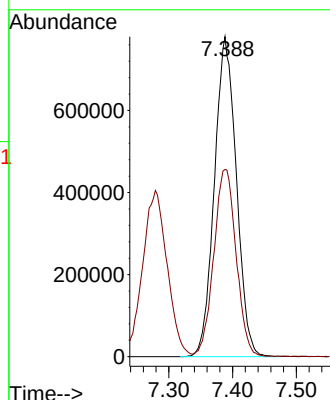
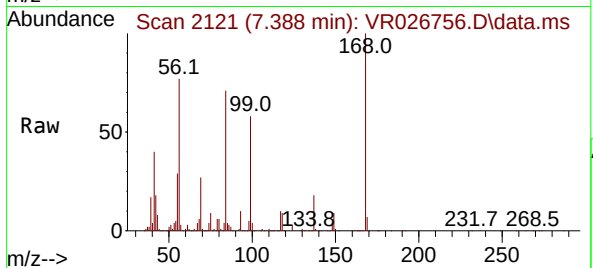
99 58.4 47.1 70.7

Manual Integrations

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Supervised By :Mahesh Dadoda 08/25/2025



#2

Dichlorodifluoromethane

Concen: 43.941 ug/l

RT: 1.817 min Scan# 385

Delta R.T. 0.003 min

Lab File: VR026756.D

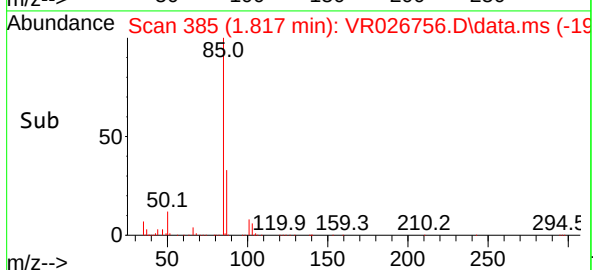
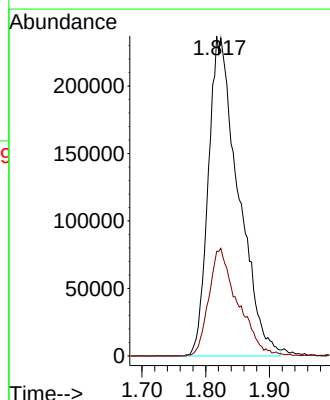
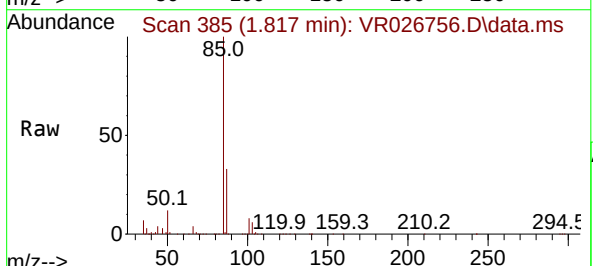
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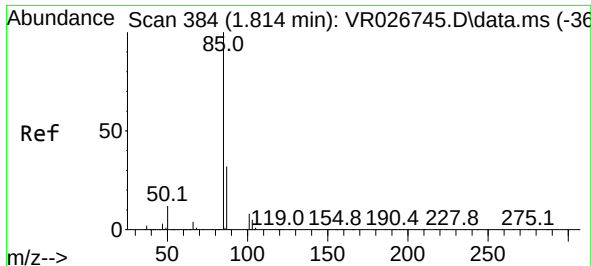
Tgt Ion: 85 Resp: 773929

Ion Ratio Lower Upper

85 100

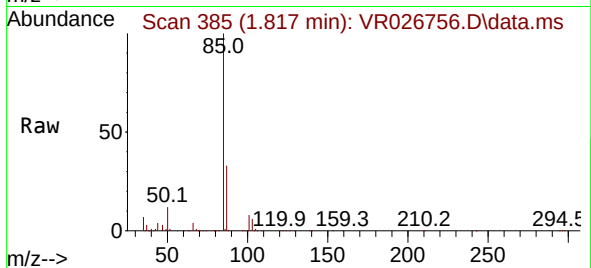
87 32.7 16.1 48.2





#3
Chloromethane
Concen: 41.922 ug/l
RT: 1.817 min Scan# 385
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

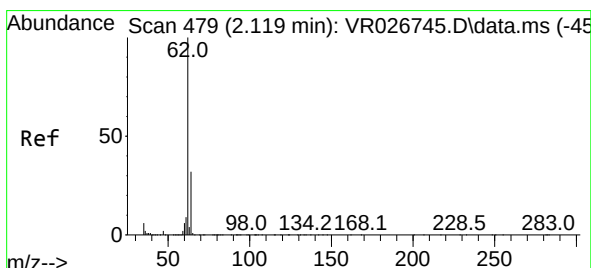
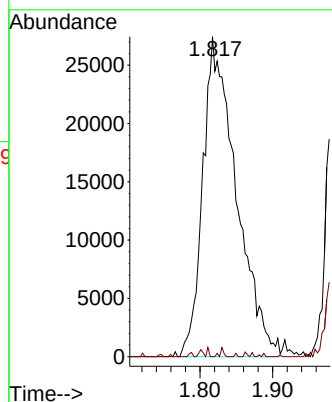
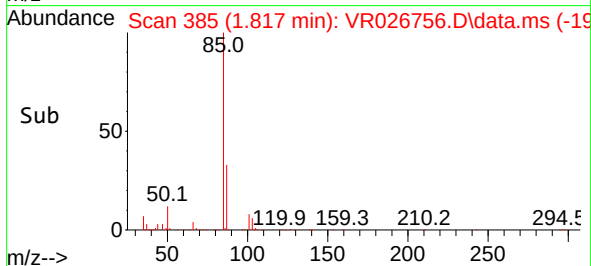
Instrument :
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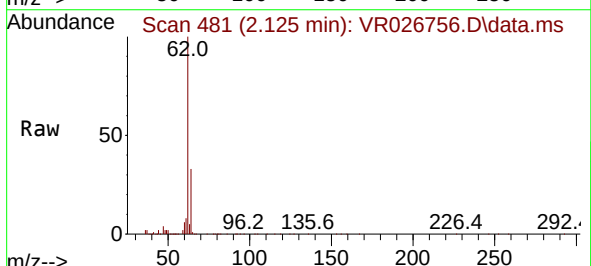
Tgt Ion: 50 Resp: 87850
Ion Ratio Lower Upper
50 100
52 0.0 0.6 1.0

Manual Integrations
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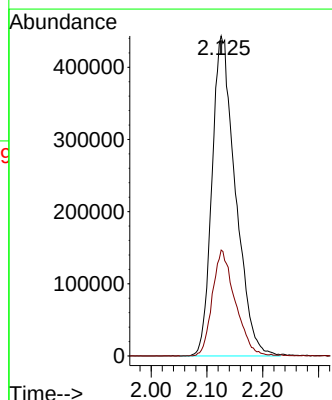
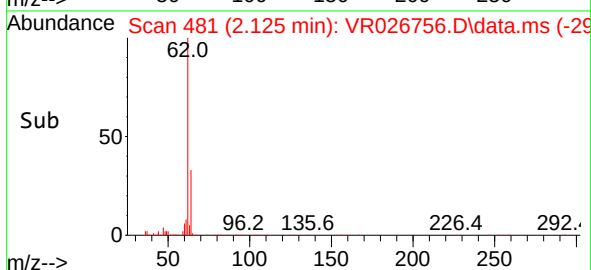
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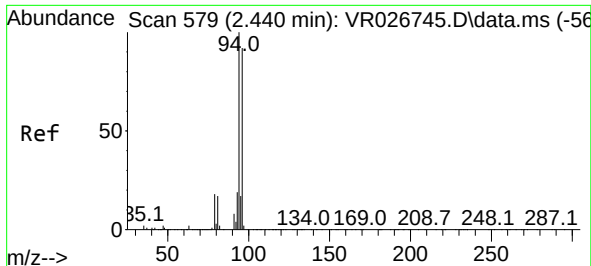


#4
Vinyl Chloride
Concen: 44.811 ug/l
RT: 2.125 min Scan# 481
Delta R.T. 0.006 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53



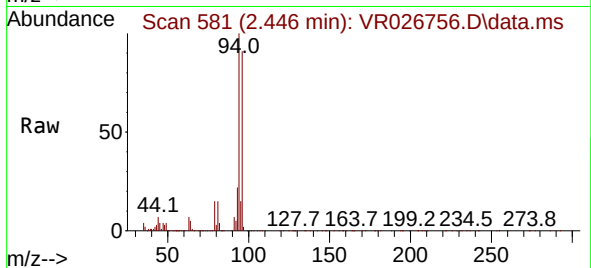
Tgt Ion: 62 Resp: 1298657
Ion Ratio Lower Upper
62 100
64 33.1 25.5 38.3





#5
Bromomethane
Concen: 46.829 ug/l
RT: 2.446 min Scan# 579
Delta R.T. 0.006 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

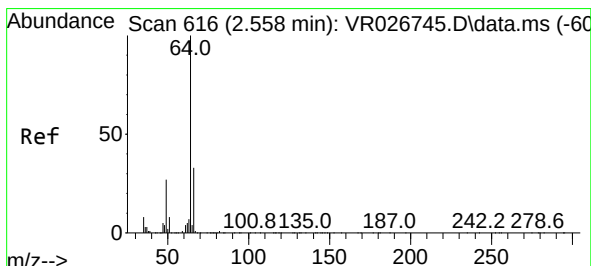
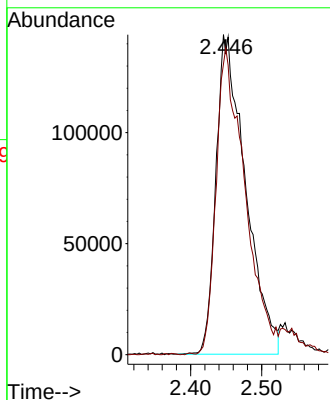
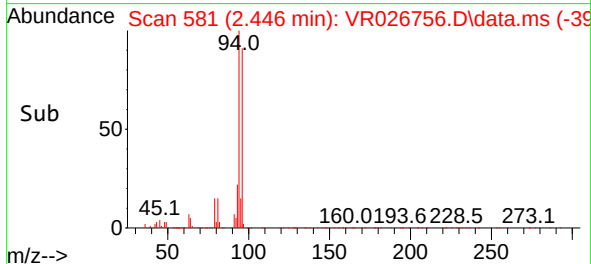
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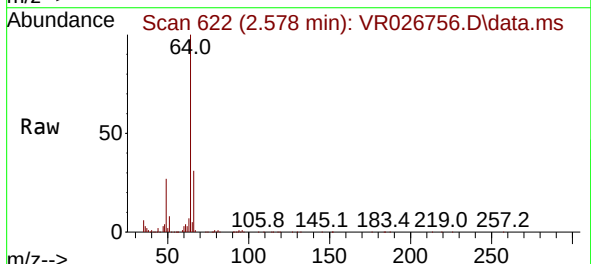
Tgt Ion: 94 Resp: 416664
Ion Ratio Lower Upper
94 100
96 90.9 73.8 110.6

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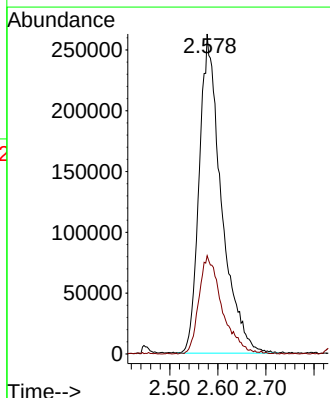
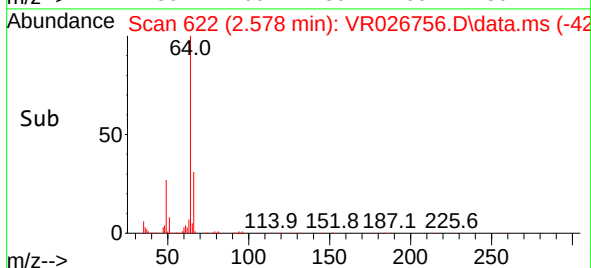
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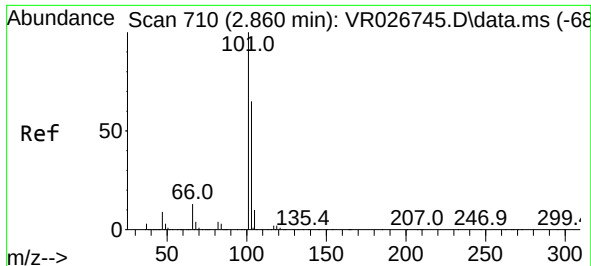


#6
Chloroethane
Concen: 50.748 ug/l
RT: 2.578 min Scan# 622
Delta R.T. 0.020 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53



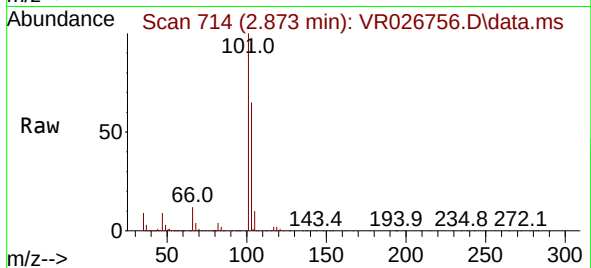
Tgt Ion: 64 Resp: 839241
Ion Ratio Lower Upper
64 100
66 30.8 26.6 40.0





#7
Trichlorofluoromethane
Concen: 45.746 ug/l
RT: 2.873 min Scan# 710
Delta R.T. 0.013 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

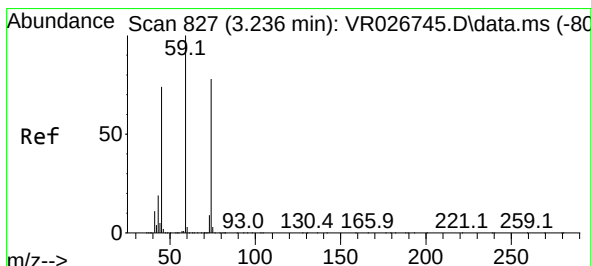
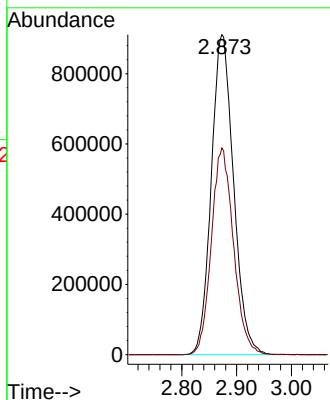
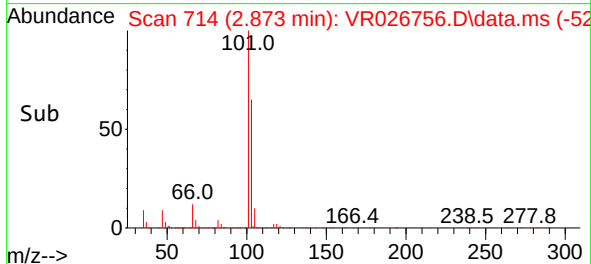
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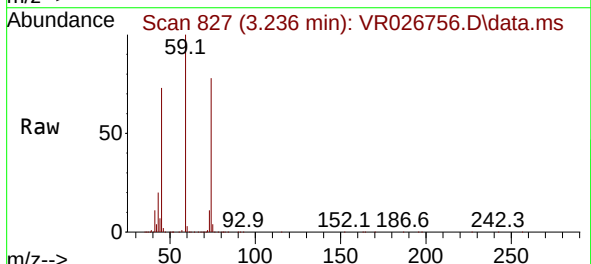
Tgt Ion:101 Resp: 256994
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

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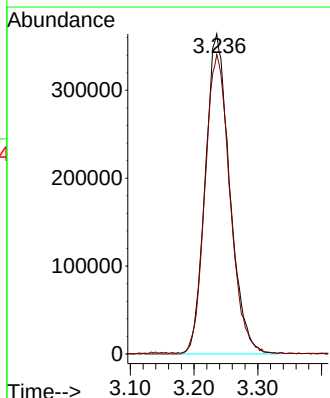
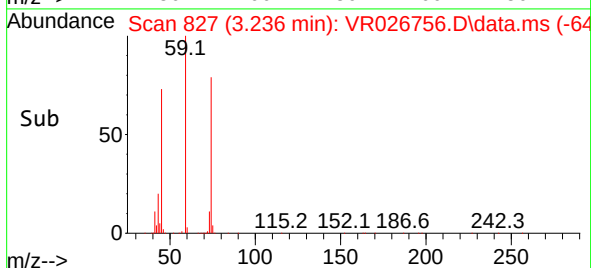
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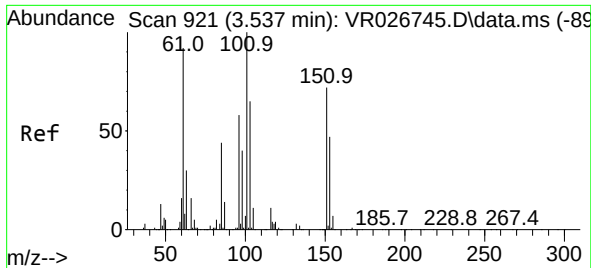


#8
Diethyl Ether
Concen: 53.908 ug/l
RT: 3.236 min Scan# 827
Delta R.T. 0.000 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53



Tgt Ion: 74 Resp: 968790
Ion Ratio Lower Upper
74 100
45 95.0 47.5 142.6





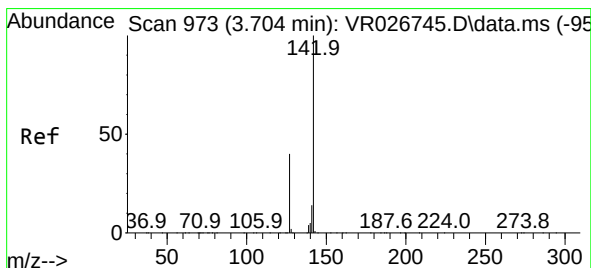
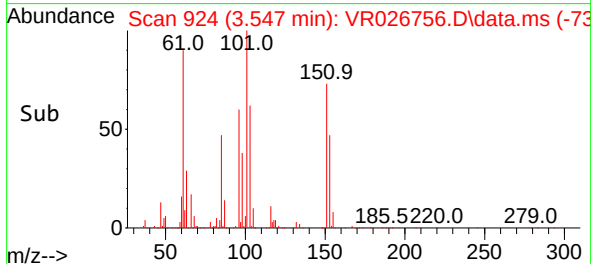
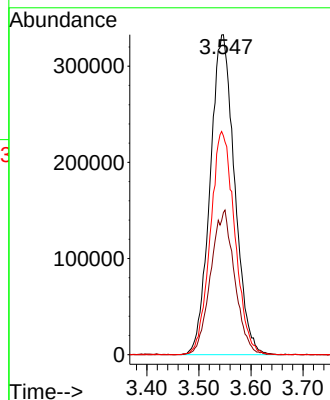
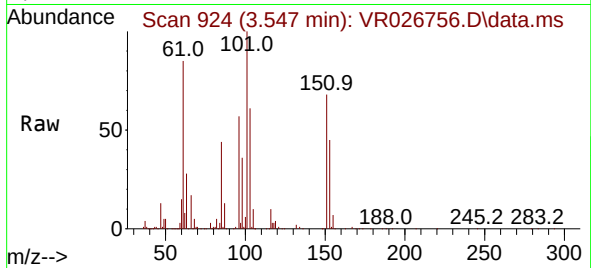
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.452 ug/l
RT: 3.547 min Scan# 911
Delta R.T. 0.010 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 108768
Ion Ratio Lower Upper
101 100
85 44.3 35.4 53.0
151 69.8 57.2 85.8

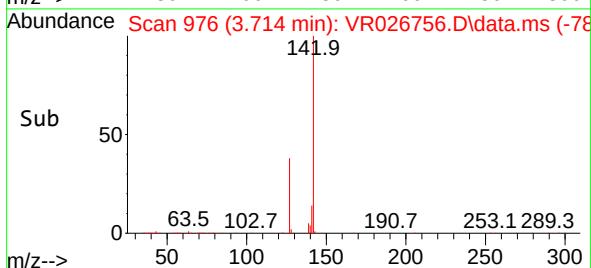
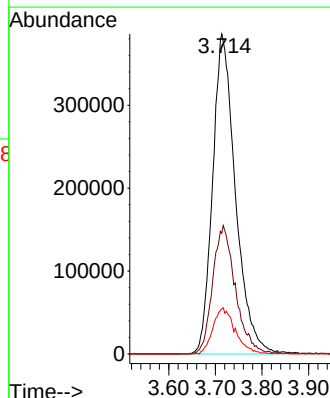
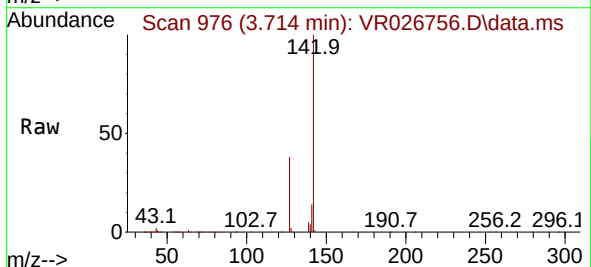
Manual Integrations
APPROVED

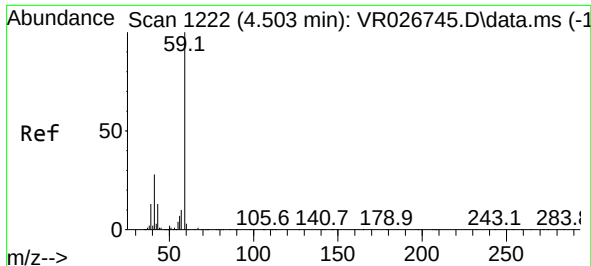
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#10
Methyl Iodide
Concen: 55.046 ug/l
RT: 3.714 min Scan# 976
Delta R.T. 0.010 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

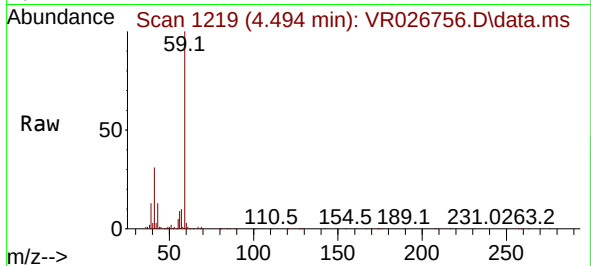
Tgt Ion:142 Resp: 1313304
Ion Ratio Lower Upper
142 100
127 39.7 31.0 46.4
141 14.0 10.9 16.3





#11
Tert butyl alcohol
Concen: 206.555 ug/l m
RT: 4.494 min Scan# 11
Delta R.T. -0.009 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

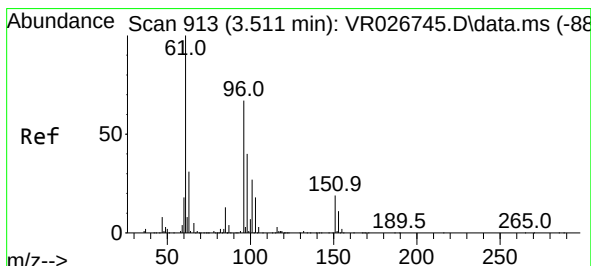
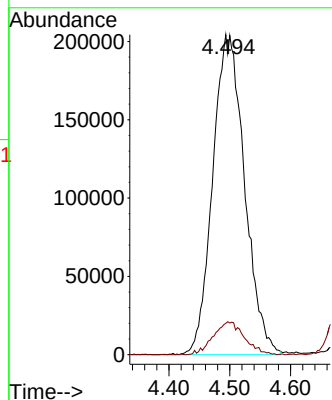
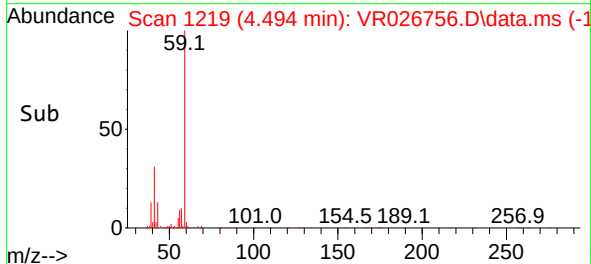
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



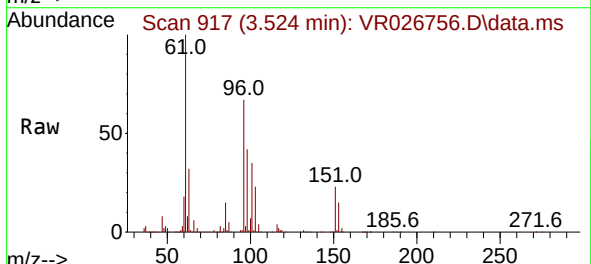
Tgt Ion: 59 Resp: 74325
Ion Ratio Lower Upper
59 100
57 10.0 3.8 5.8

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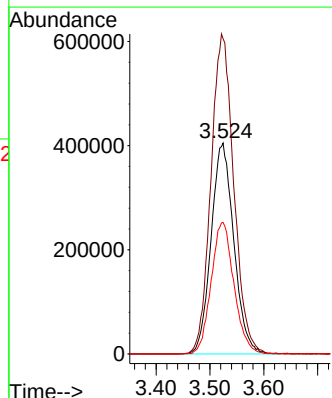
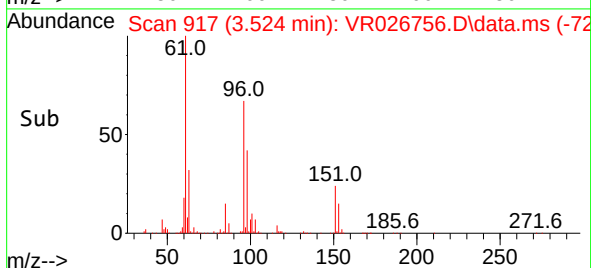
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

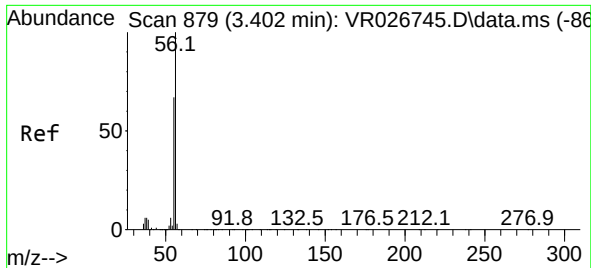


#12
1,1-Dichloroethene
Concen: 48.728 ug/l
RT: 3.524 min Scan# 917
Delta R.T. 0.013 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53



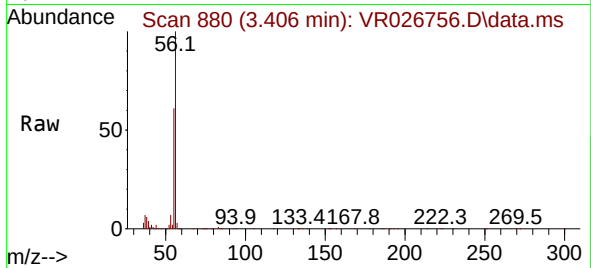
Tgt Ion: 96 Resp: 1187056
Ion Ratio Lower Upper
96 100
61 149.4 118.7 178.1
98 62.3 47.7 71.5





#13
Acrolein
Concen: 190.731 ug/l
RT: 3.406 min Scan# 879
Delta R.T. 0.004 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

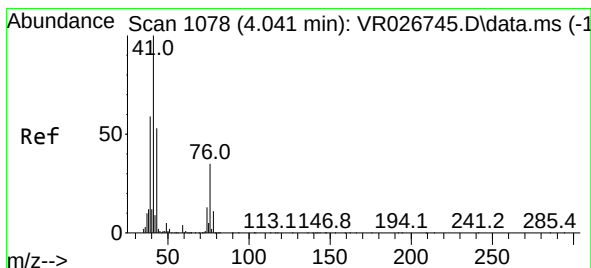
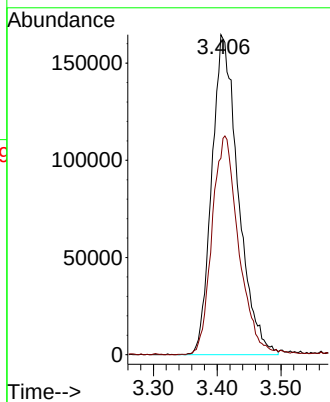
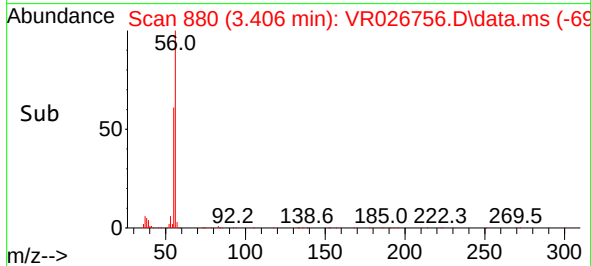
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



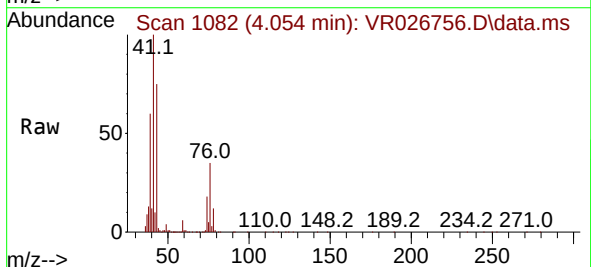
Tgt Ion: 56 Resp: 474368
Ion Ratio Lower Upper
56 100
55 68.5 56.9 85.3

Manual Integrations
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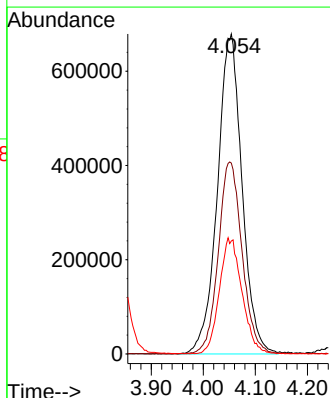
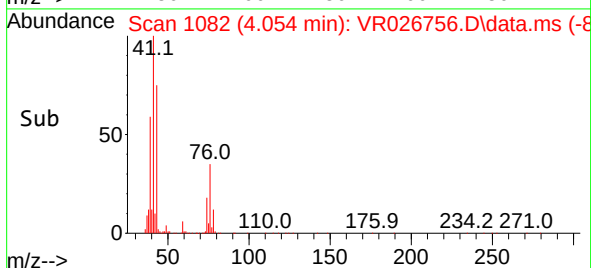
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

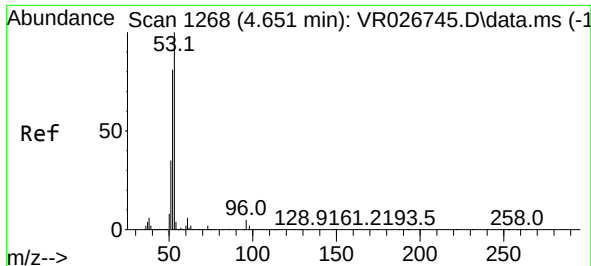


#14
Allyl chloride
Concen: 49.765 ug/l
RT: 4.054 min Scan# 1082
Delta R.T. 0.013 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53



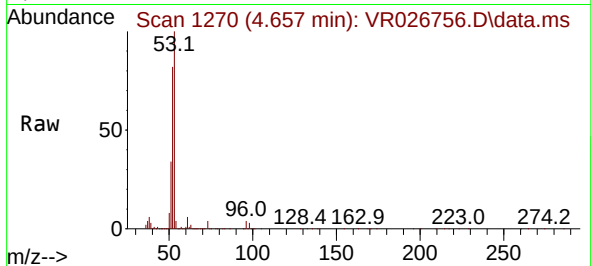
Tgt Ion: 41 Resp: 2234173
Ion Ratio Lower Upper
41 100
39 58.1 45.8 68.6
76 33.2 26.4 39.6





#15
Acrylonitrile
Concen: 241.109 ug/l
RT: 4.657 min Scan# 11
Delta R.T. 0.006 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

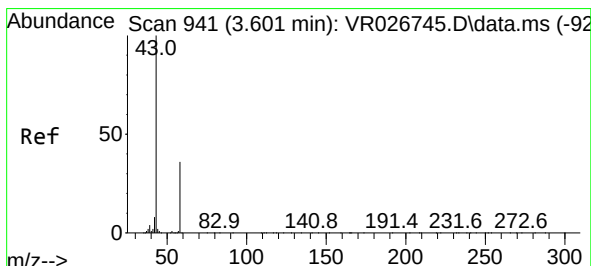
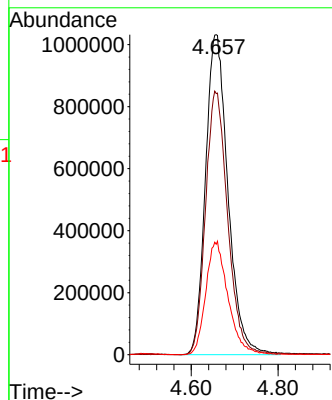
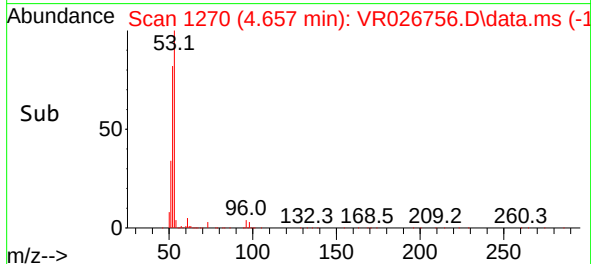
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 371056
Ion Ratio Lower Upper
53 100
52 80.7 65.7 98.5
51 35.2 28.4 42.6

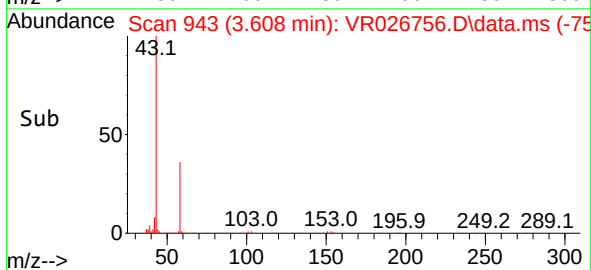
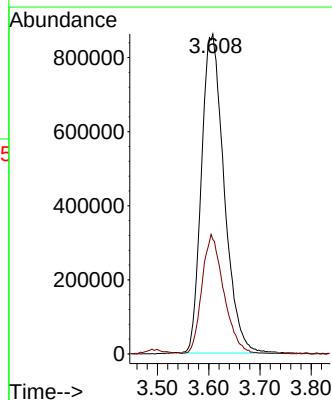
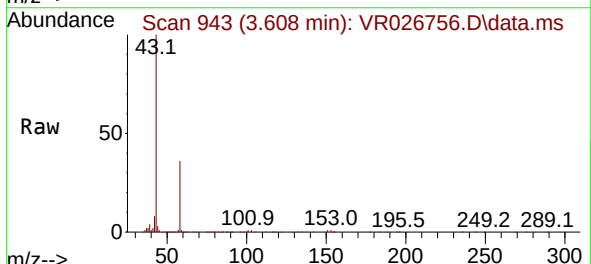
Manual Integrations
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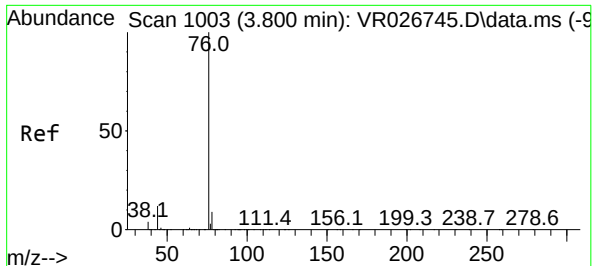
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#16
Acetone
Concen: 213.990 ug/l
RT: 3.608 min Scan# 943
Delta R.T. 0.007 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

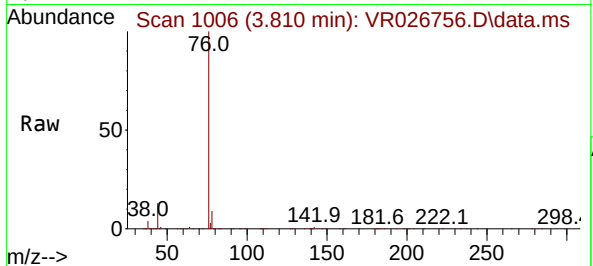
Tgt Ion: 43 Resp: 2651285
Ion Ratio Lower Upper
43 100
58 35.7 28.6 43.0





#17
Carbon Disulfide
Concen: 51.045 ug/l
RT: 3.810 min Scan# 1006
Delta R.T. 0.010 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

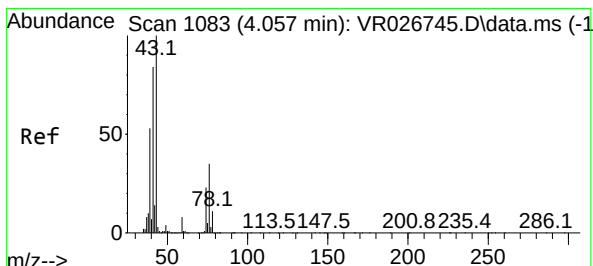
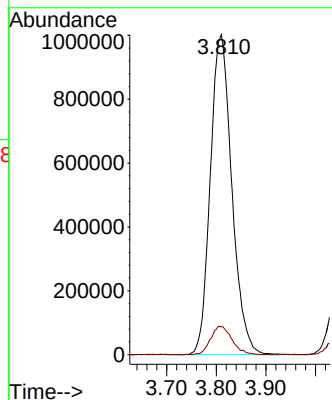
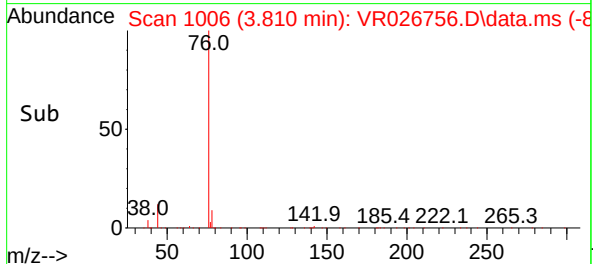
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 302004
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

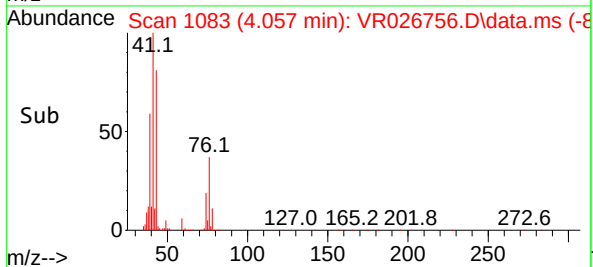
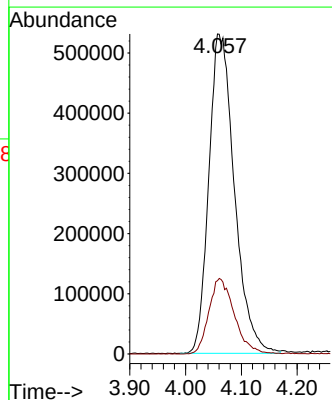
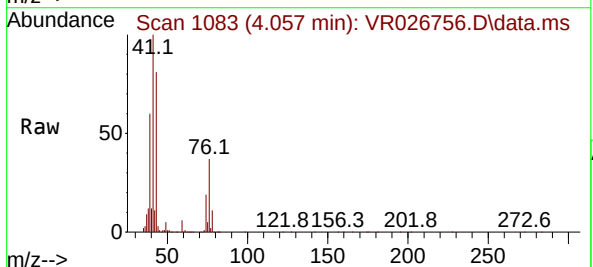
Manual Integrations
APPROVED

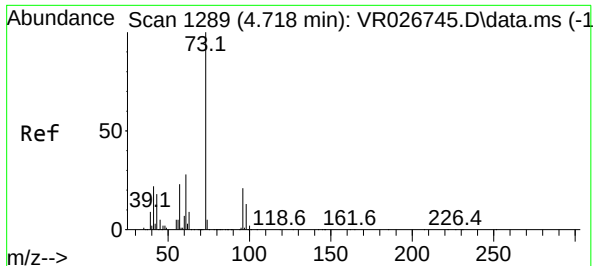
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#18
Methyl Acetate
Concen: 46.828 ug/l
RT: 4.057 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Tgt Ion: 43 Resp: 1690190
Ion Ratio Lower Upper
43 100
74 23.5 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 54.910 ug/l

RT: 4.715 min Scan# 11

Delta R.T. -0.003 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

Instrument :

MSVOA_R

ClientSampleId :

VSTDC050EC

Tgt Ion: 73 Resp: 4242624

Ion Ratio Lower Upper

73 100

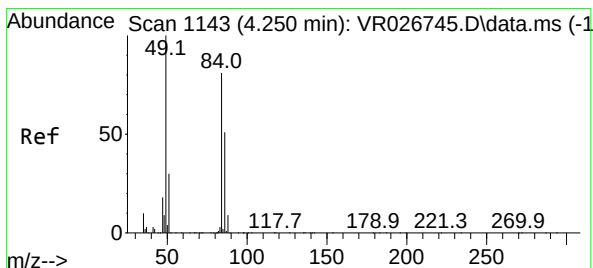
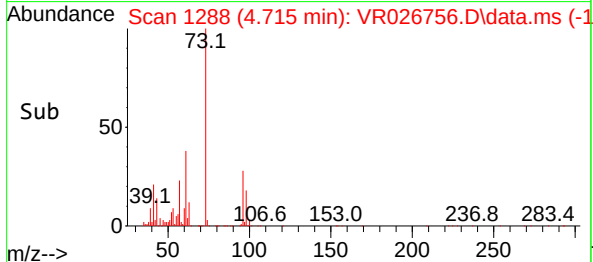
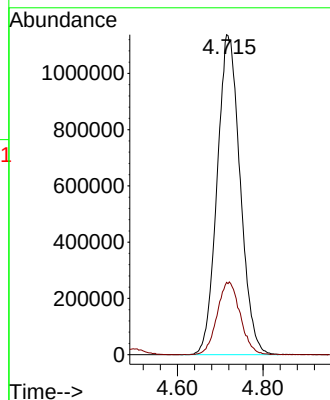
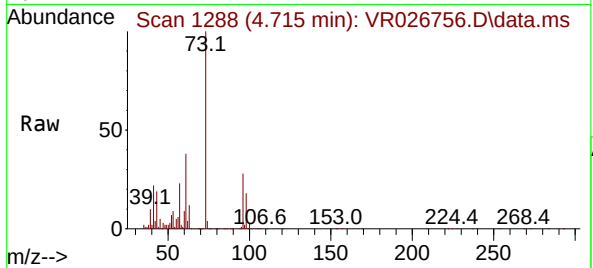
57 22.6 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#20

Methylene Chloride

Concen: 51.953 ug/l

RT: 4.259 min Scan# 1146

Delta R.T. 0.010 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

Tgt Ion: 84 Resp: 1373002

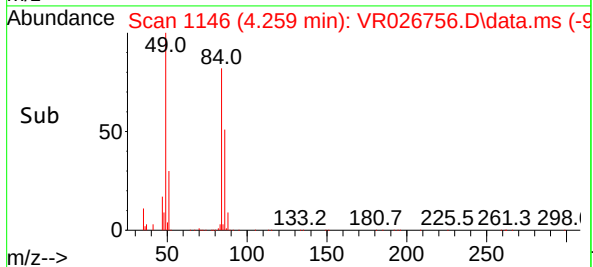
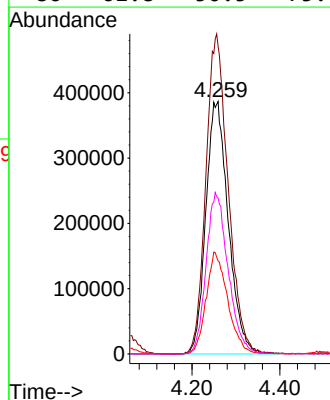
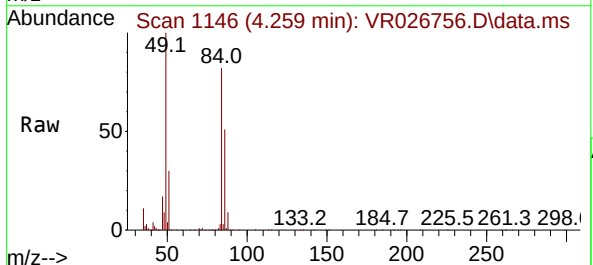
Ion Ratio Lower Upper

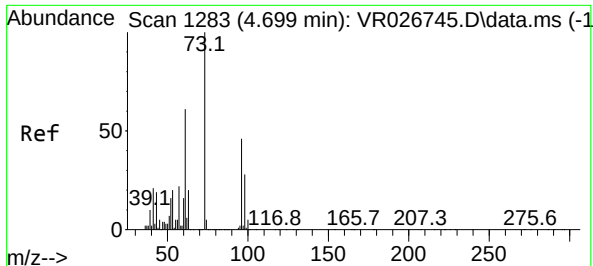
84 100

49 121.8 98.8 148.2

51 36.8 29.4 44.2

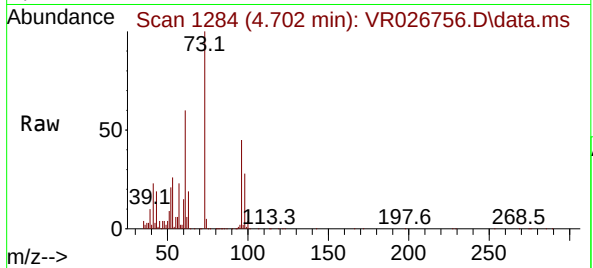
86 61.8 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 50.143 ug/l
RT: 4.702 min Scan# 1284
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

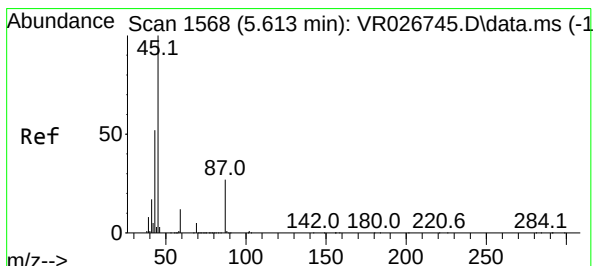
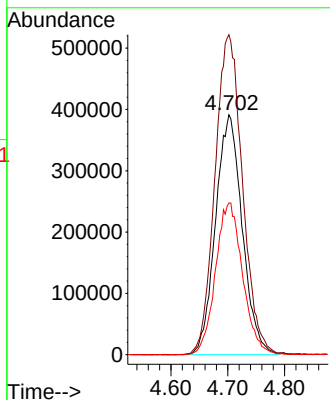
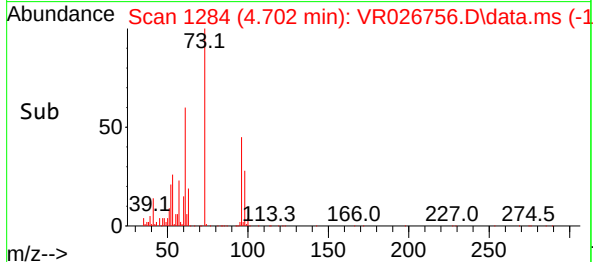
Instrument : MSVOA_R
ClientSampleId : VSTDCCC050EC



Tgt Ion: 96 Resp: 1277192
Ion Ratio Lower Upper
96 100
61 133.3 107.1 160.7
98 63.1 49.7 74.5

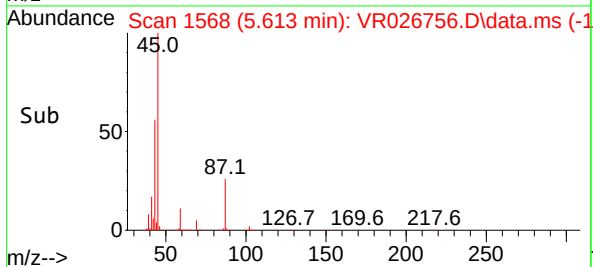
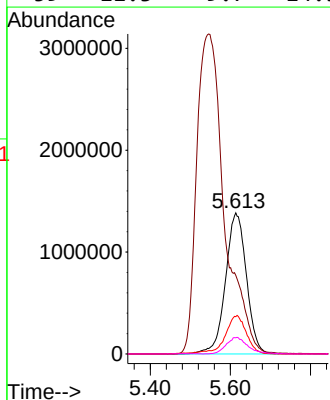
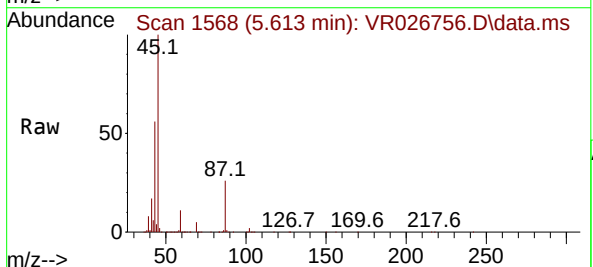
Manual Integrations
APPROVED

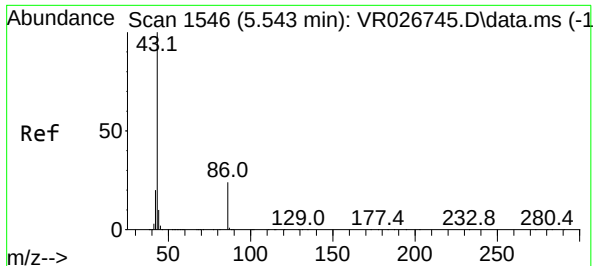
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#22
Diisopropyl ether
Concen: 54.399 ug/l
RT: 5.613 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Tgt Ion: 45 Resp: 5024368
Ion Ratio Lower Upper
45 100
43 55.4 41.8 62.8
87 26.3 21.7 32.5
59 11.3 9.7 14.5





#23

Vinyl Acetate

Concen: 245.879 ug/l

RT: 5.546 min Scan# 1546

Delta R.T. 0.003 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp:15061729

Ion Ratio Lower Upper

43 100

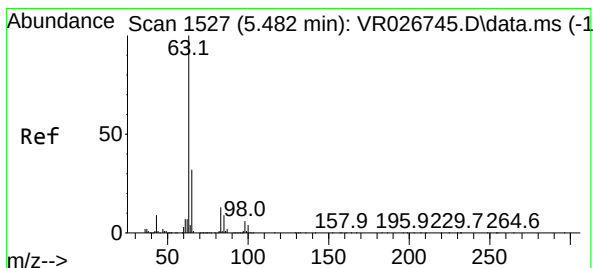
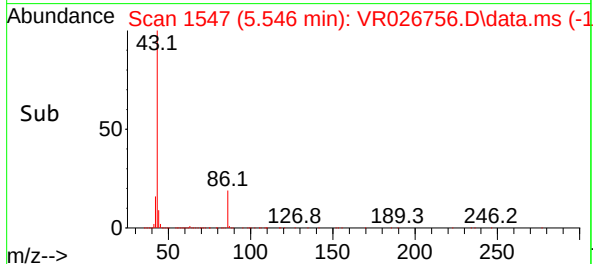
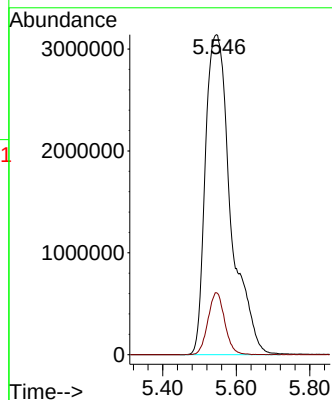
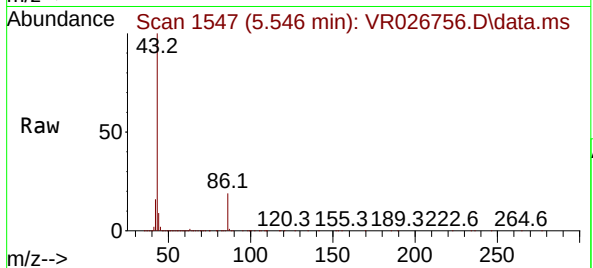
86 19.4 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#24

1,1-Dichloroethane

Concen: 50.794 ug/l

RT: 5.485 min Scan# 1528

Delta R.T. 0.003 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

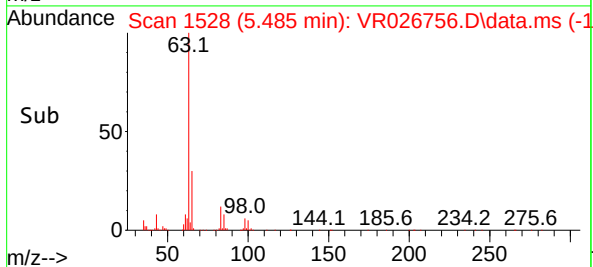
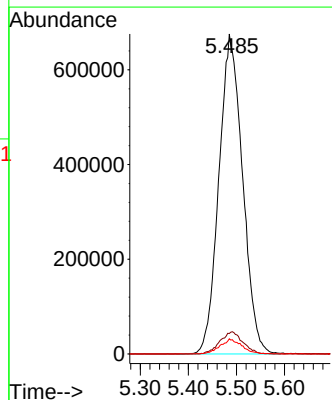
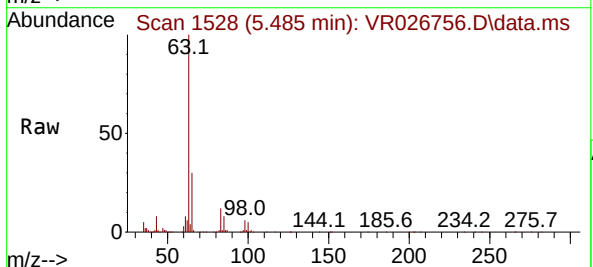
Tgt Ion: 63 Resp: 2308622

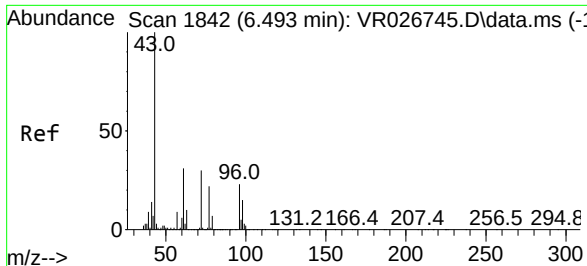
Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.3

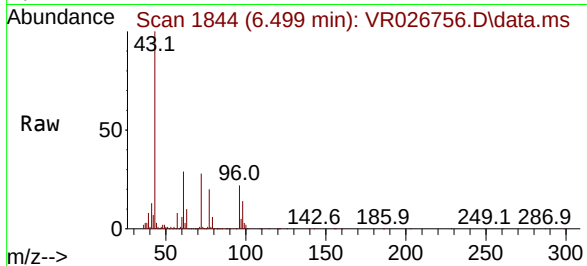
100 4.7 2.1 6.2





#25
2-Butanone
Concen: 233.812 ug/l
RT: 6.499 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

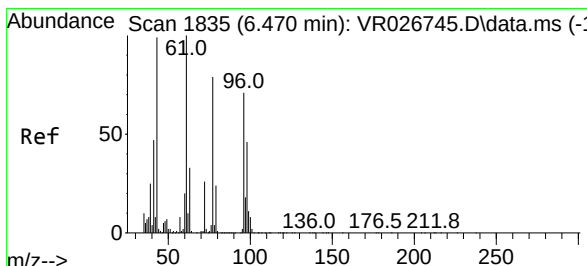
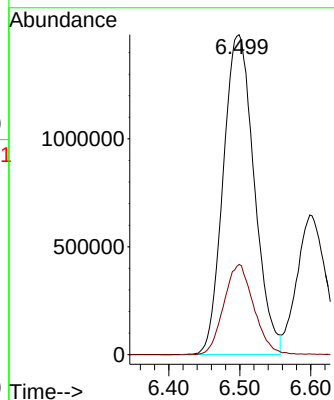
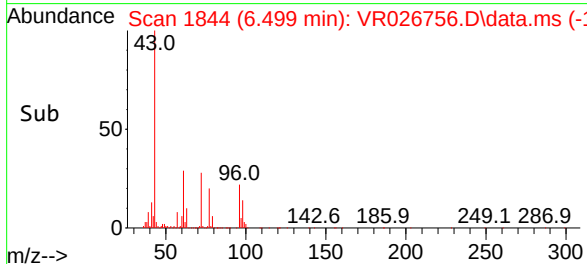
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



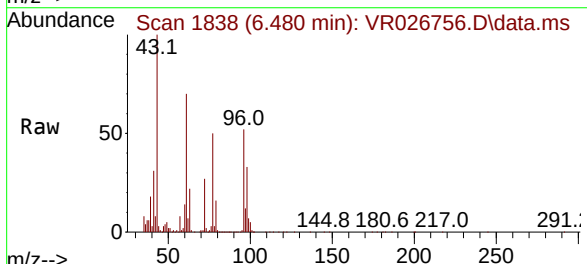
Tgt Ion: 43 Resp: 4497800
Ion Ratio Lower Upper
43 100
72 28.2 23.8 35.8

Manual Integrations
APPROVED

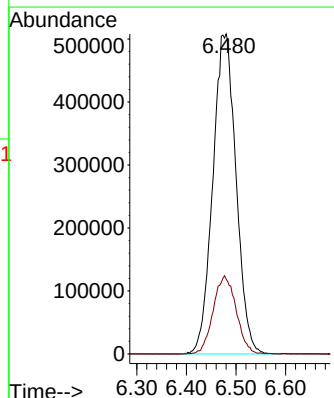
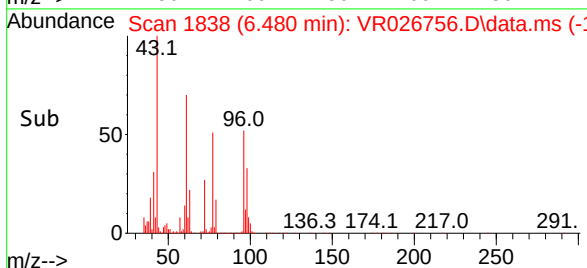
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

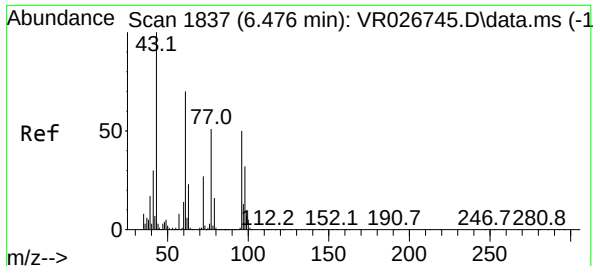


#26
2,2-Dichloropropane
Concen: 53.239 ug/l
RT: 6.480 min Scan# 1838
Delta R.T. 0.010 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53



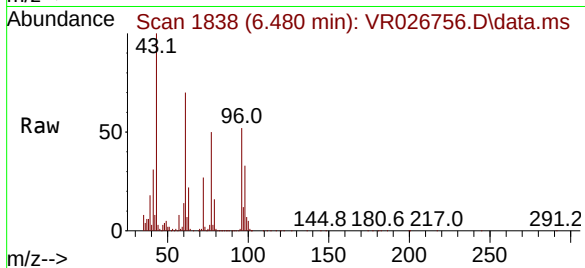
Tgt Ion: 77 Resp: 1657694
Ion Ratio Lower Upper
77 100
97 24.0 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 53.801 ug/l
 RT: 6.480 min Scan# 1837
 Delta R.T. 0.004 min
 Lab File: VR026756.D
 Acq: 21 Aug 2025 14:53

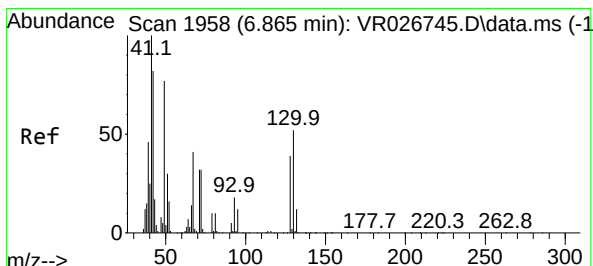
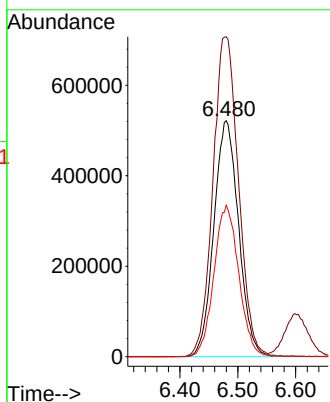
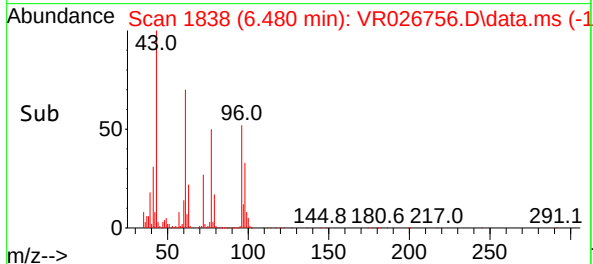
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 1550990
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 280.6
 98 64.2 0.0 127.6

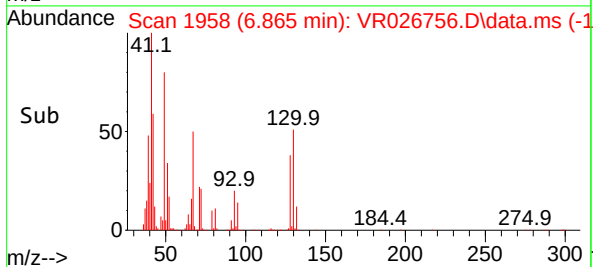
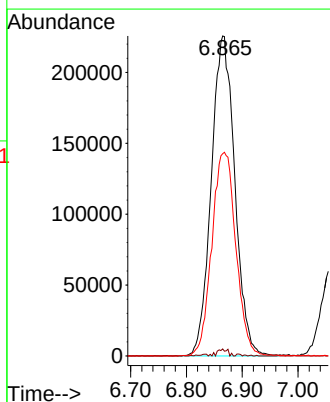
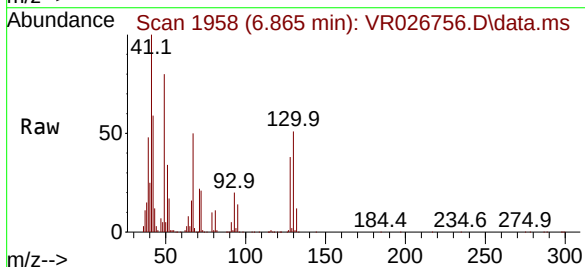
Manual Integrations
 APPROVED

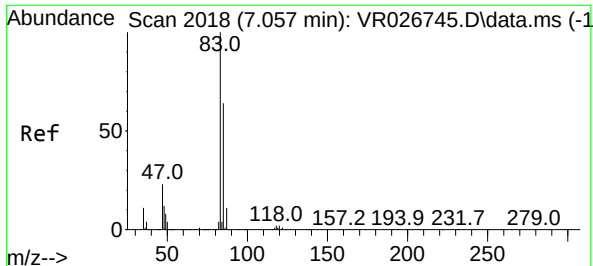
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#28
 Bromochloromethane
 Concen: 49.146 ug/l
 RT: 6.865 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VR026756.D
 Acq: 21 Aug 2025 14:53

Tgt Ion: 49 Resp: 661087
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 1.6
 130 65.0 53.4 80.2





#29

Chloroform

Concen: 53.264 ug/l

RT: 7.061 min Scan# 2018

Delta R.T. 0.003 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 2175069

Ion Ratio Lower Upper

83 100

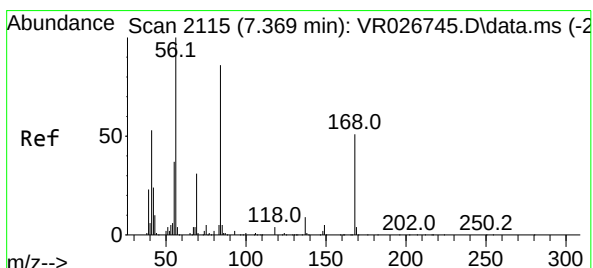
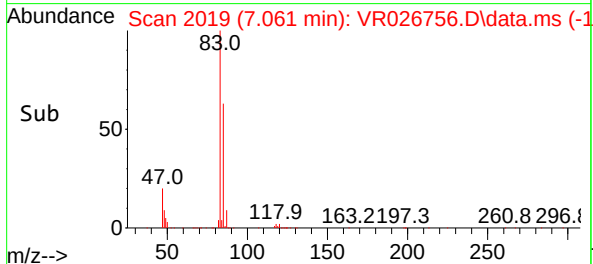
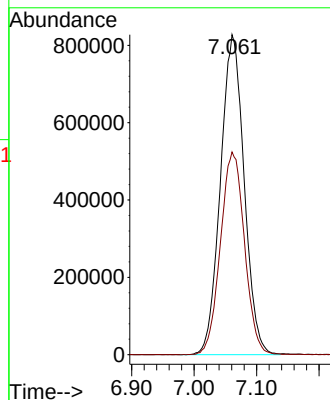
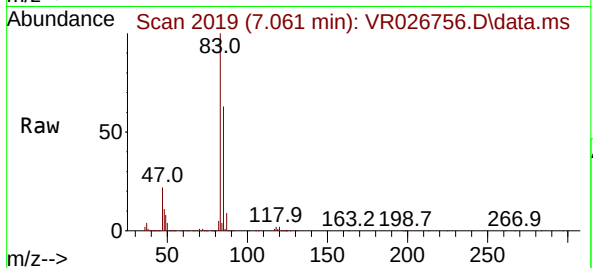
85 63.3 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#30

Cyclohexane

Concen: 46.965 ug/l

RT: 7.372 min Scan# 2116

Delta R.T. 0.003 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

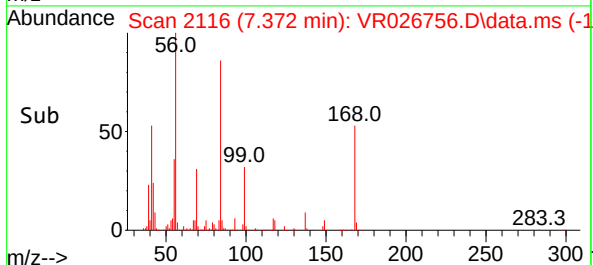
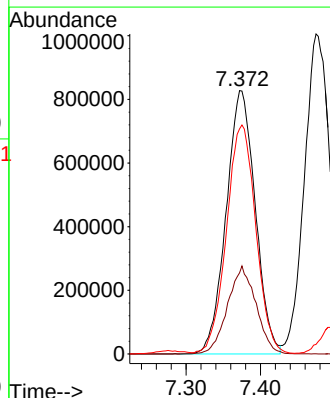
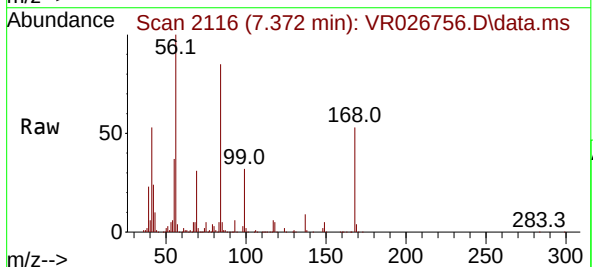
Tgt Ion: 56 Resp: 2251063

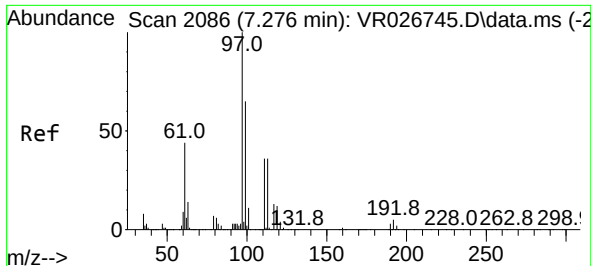
Ion Ratio Lower Upper

56 100

69 30.8 24.6 37.0

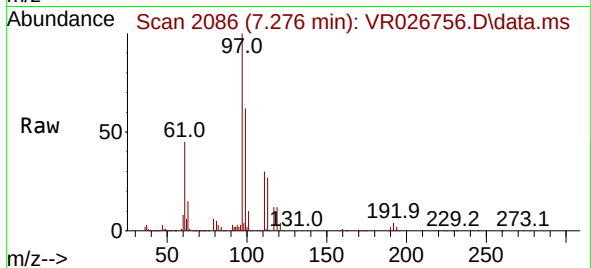
84 84.6 68.7 103.1





#31
1,1,1-Trichloroethane
Concen: 51.738 ug/l
RT: 7.276 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

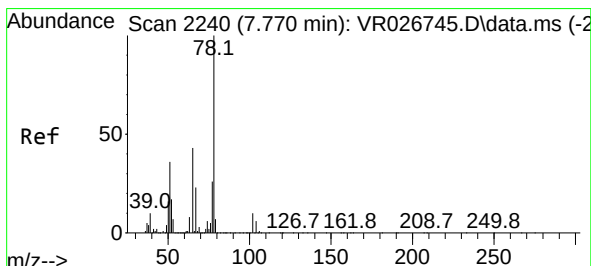
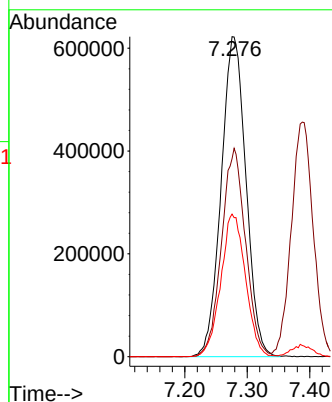
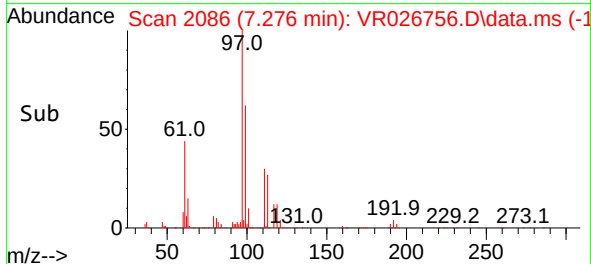
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 171559
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.4
61 44.5 35.0 52.4

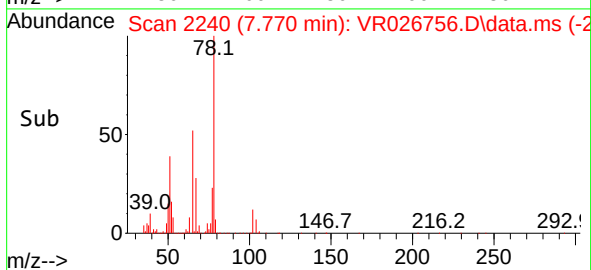
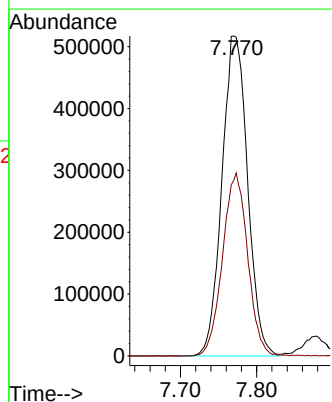
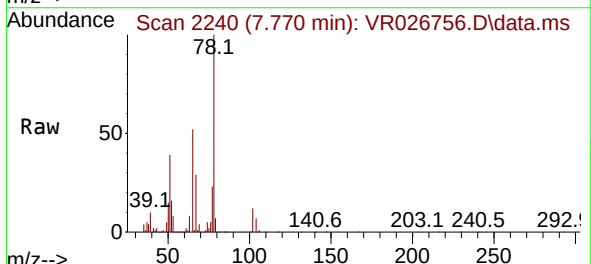
Manual Integrations
APPROVED

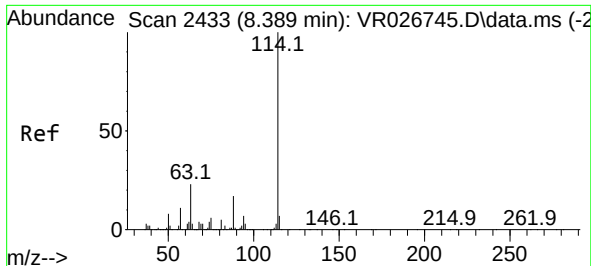
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#32
1,2-Dichloroethane-d4
Concen: 51.717 ug/l
RT: 7.770 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Tgt Ion: 65 Resp: 1210515
Ion Ratio Lower Upper
65 100
67 55.9 0.0 111.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.392 min Scan# 2433

Delta R.T. 0.003 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion:114 Resp: 301533

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.8

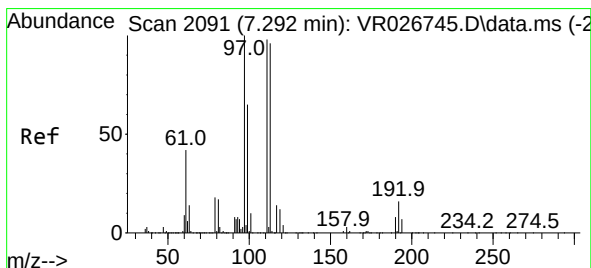
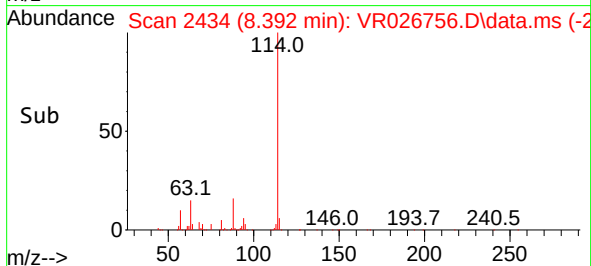
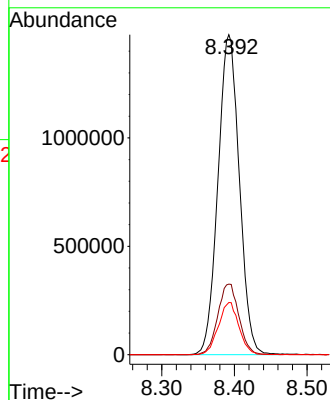
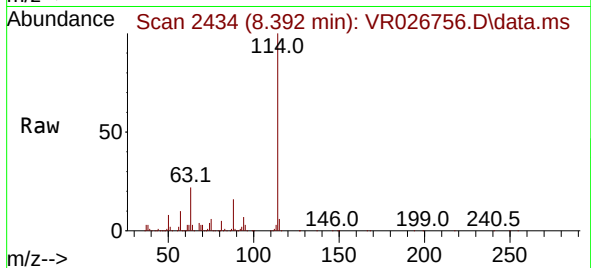
88 16.3 0.0 34.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#34

Dibromofluoromethane

Concen: 49.904 ug/l

RT: 7.298 min Scan# 2093

Delta R.T. 0.007 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

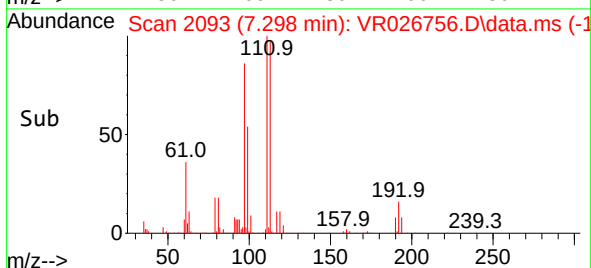
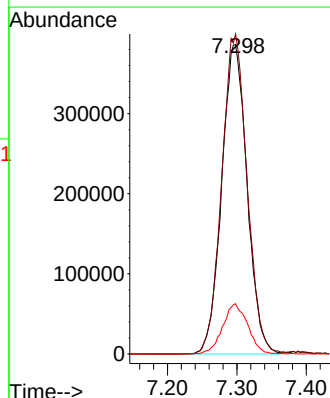
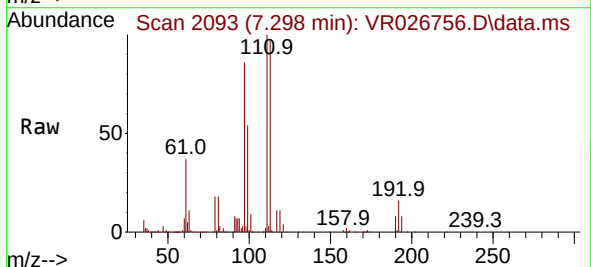
Tgt Ion:113 Resp: 981433

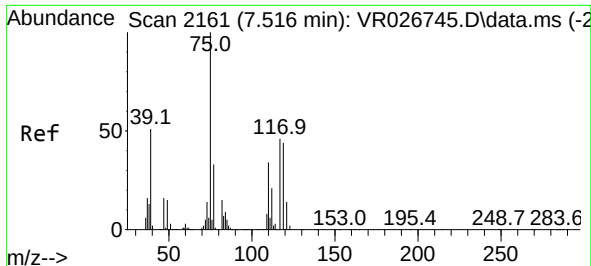
Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

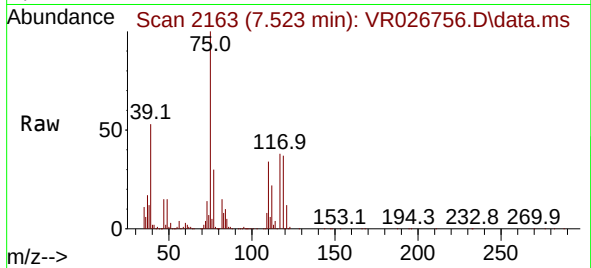
192 16.0 12.9 19.3





#35
1,1-Dichloropropene
Concen: 50.786 ug/l
RT: 7.523 min Scan# 2161
Delta R.T. 0.007 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

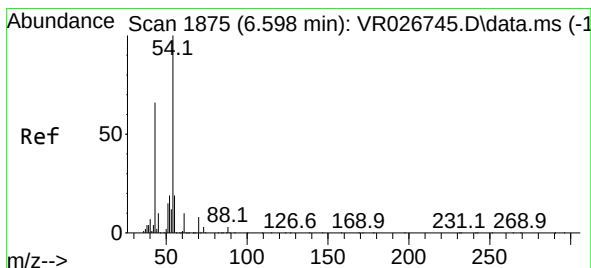
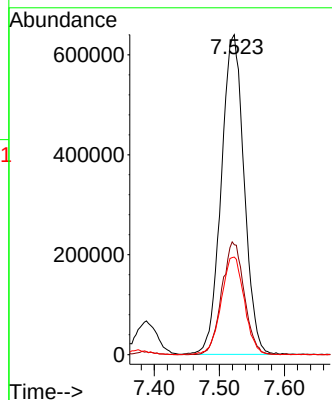
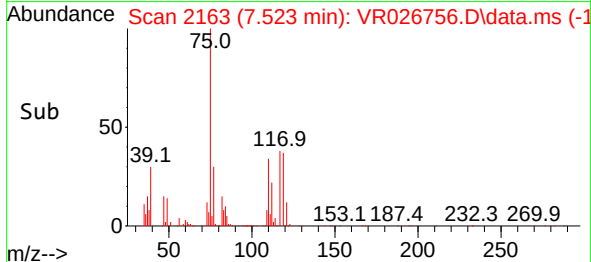
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 155540
Ion Ratio Lower Upper
75 100
110 34.6 17.3 52.0
77 31.1 25.1 37.7

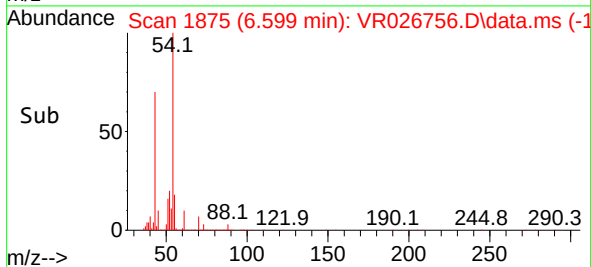
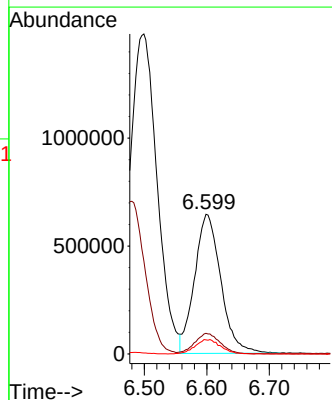
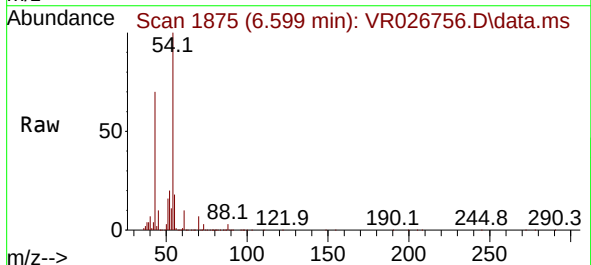
Manual Integrations
APPROVED

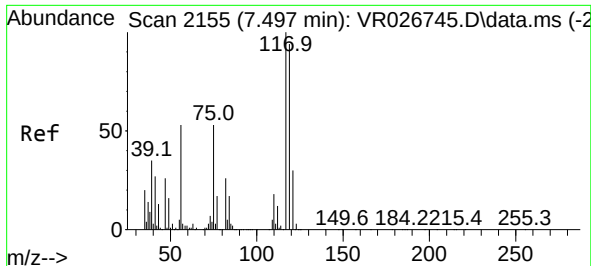
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#36
Ethyl Acetate
Concen: 48.127 ug/l
RT: 6.599 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

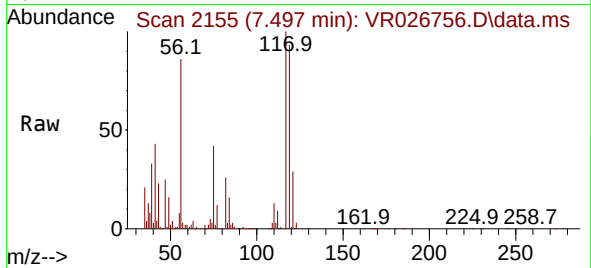
Tgt Ion: 43 Resp: 1885633
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.2
70 9.9 8.4 12.6





#37
Carbon Tetrachloride
Concen: 51.559 ug/l
RT: 7.497 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

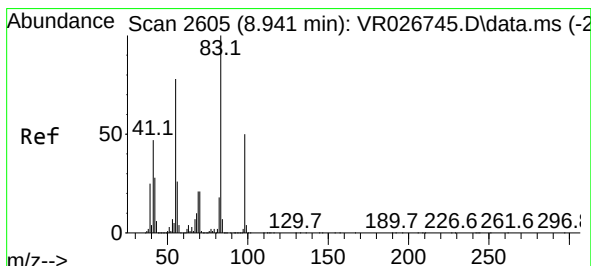
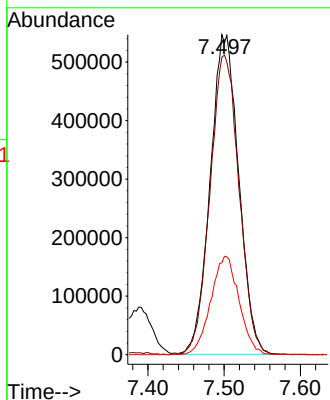
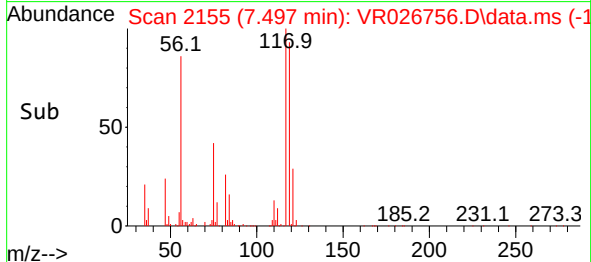
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



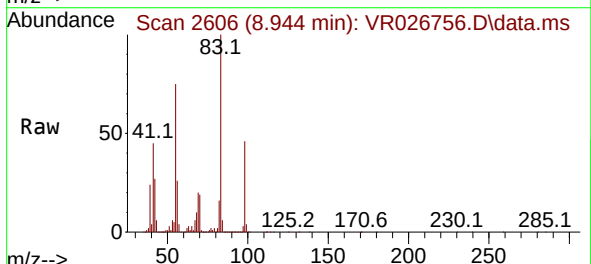
Tgt Ion: 117 Resp: 142097
Ion Ratio Lower Upper
117 100
119 92.8 75.1 112.7
121 28.7 24.2 36.2

Manual Integrations
APPROVED

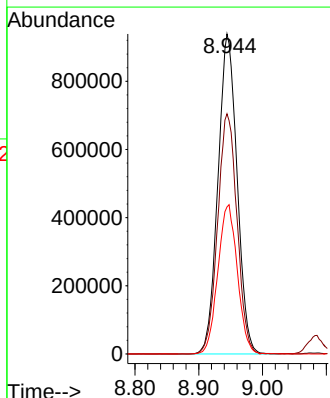
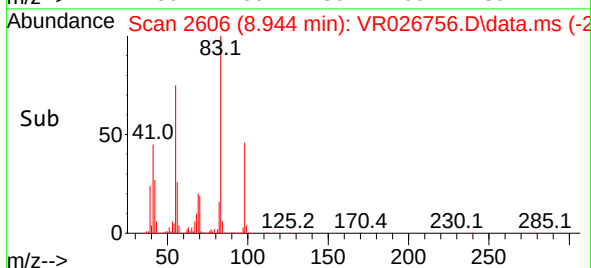
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

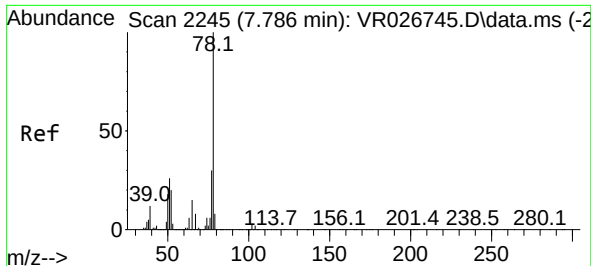


#38
Methylcyclohexane
Concen: 50.974 ug/l
RT: 8.944 min Scan# 2606
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53



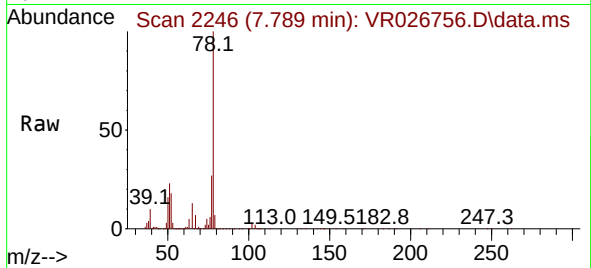
Tgt Ion: 83 Resp: 1953533
Ion Ratio Lower Upper
83 100
55 75.1 62.6 94.0
98 46.0 39.9 59.9





#39
Benzene
Concen: 54.276 ug/l
RT: 7.789 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

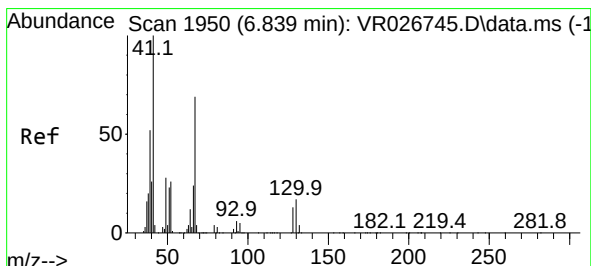
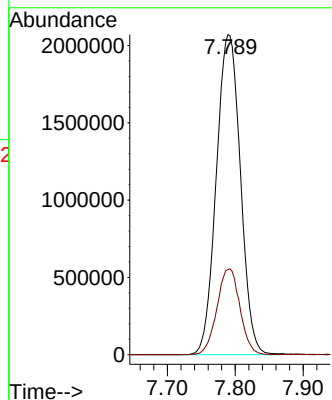
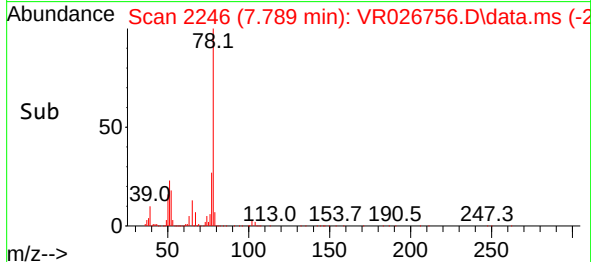
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 78 Resp: 5103094
Ion Ratio Lower Upper
78 100
77 26.6 24.3 36.5

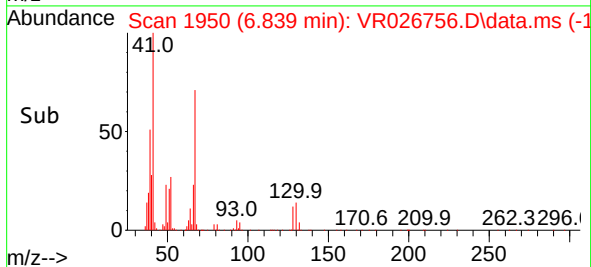
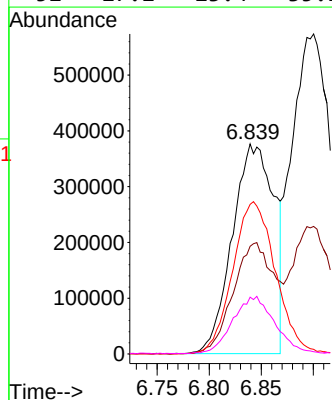
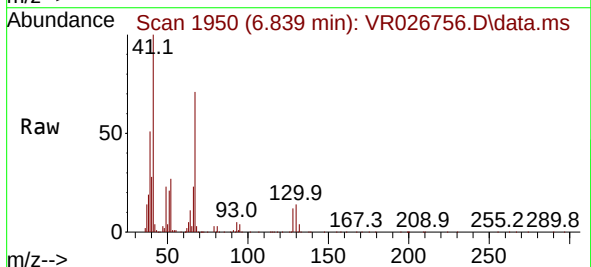
Manual Integrations
APPROVED

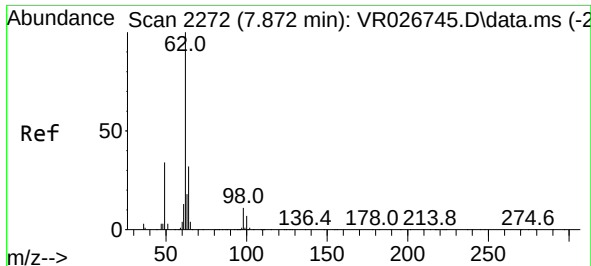
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#40
Methacrylonitrile
Concen: 51.244 ug/l
RT: 6.839 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Tgt Ion: 41 Resp: 1047197
Ion Ratio Lower Upper
41 100
39 53.4 43.0 64.4
67 74.6 62.6 94.0
52 27.2 23.4 35.2





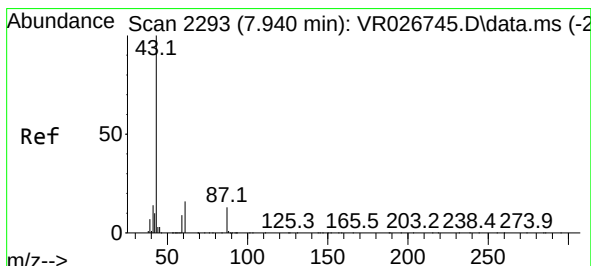
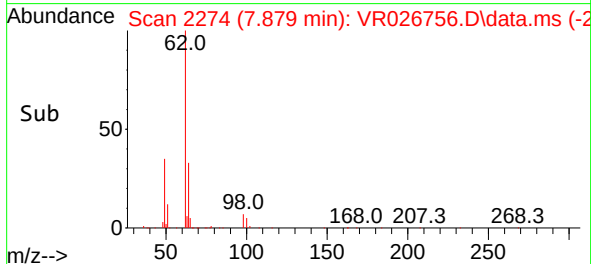
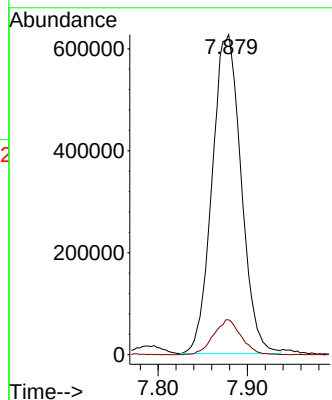
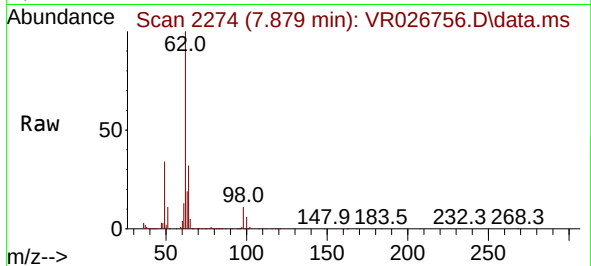
#41
1,2-Dichloroethane
Concen: 54.191 ug/l
RT: 7.879 min Scan# 21
Delta R.T. 0.007 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 62 Resp: 1412730
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.2

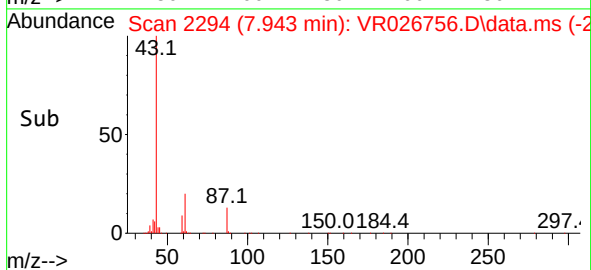
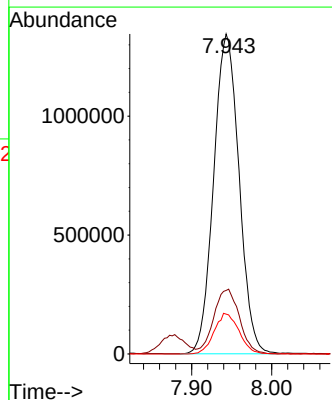
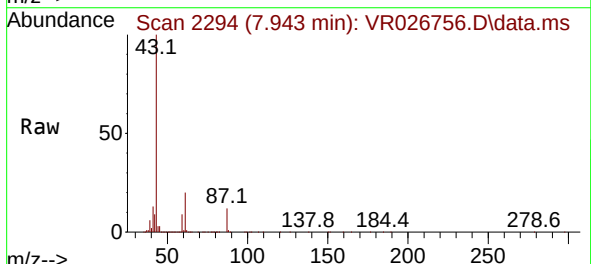
Manual Integrations
APPROVED

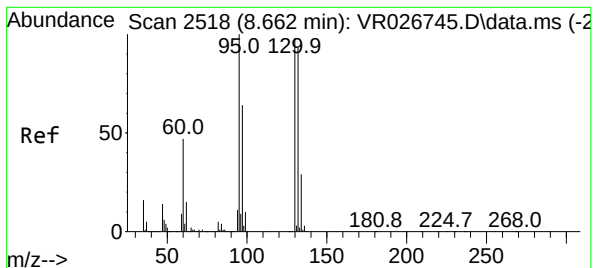
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#42
Isopropyl Acetate
Concen: 53.174 ug/l
RT: 7.943 min Scan# 2294
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Tgt Ion: 43 Resp: 2953687
Ion Ratio Lower Upper
43 100
61 20.6 16.8 25.2
87 12.4 10.2 15.4





#43

Trichloroethene

Concen: 48.711 ug/l

RT: 8.665 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion:130 Resp: 999180

Ion Ratio Lower Upper

130 100

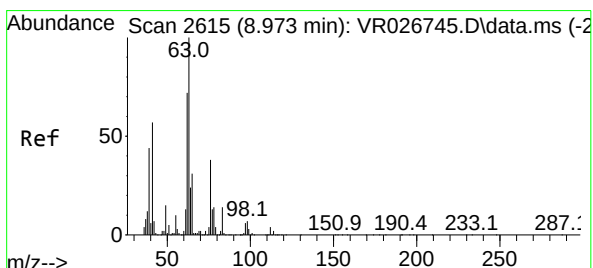
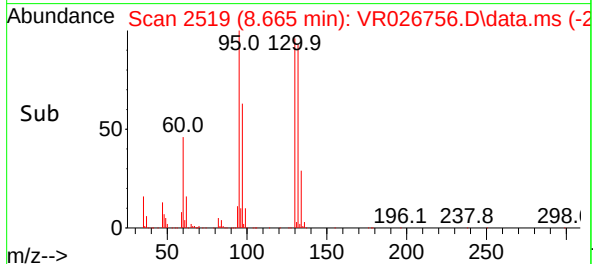
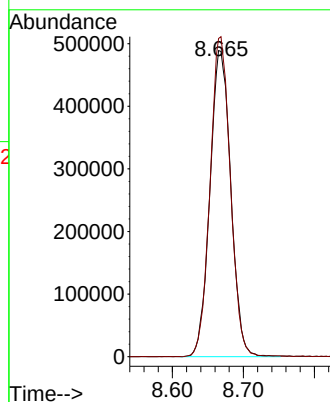
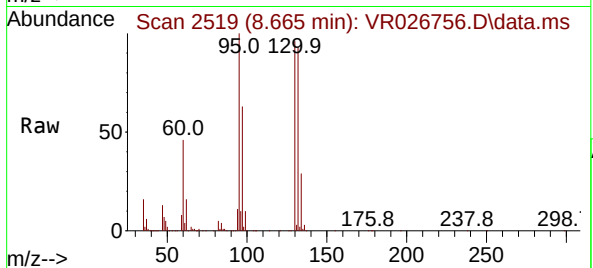
95 104.0 0.0 203.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#44

1,2-Dichloropropane

Concen: 52.910 ug/l

RT: 8.976 min Scan# 2616

Delta R.T. 0.003 min

Lab File: VR026756.D

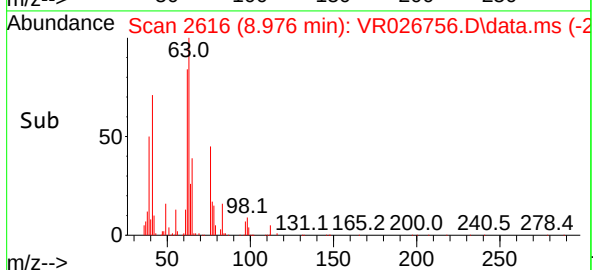
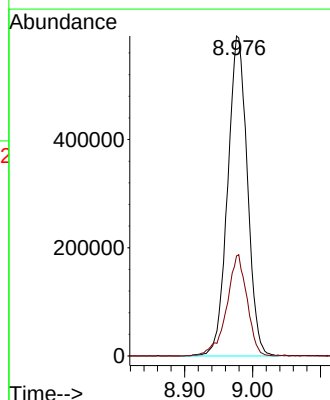
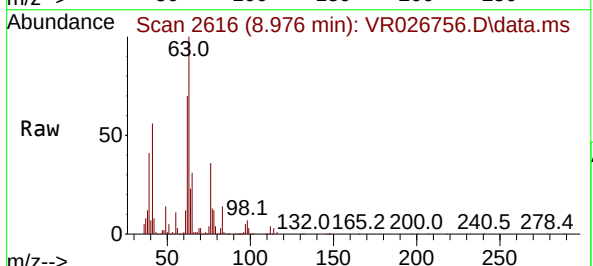
Acq: 21 Aug 2025 14:53

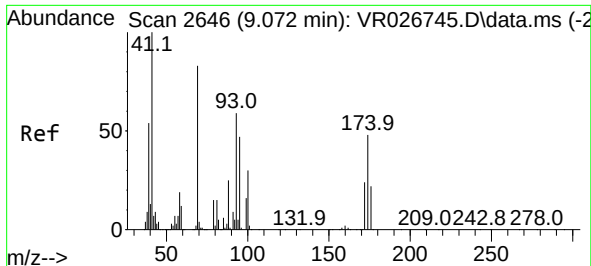
Tgt Ion: 63 Resp: 1190935

Ion Ratio Lower Upper

63 100

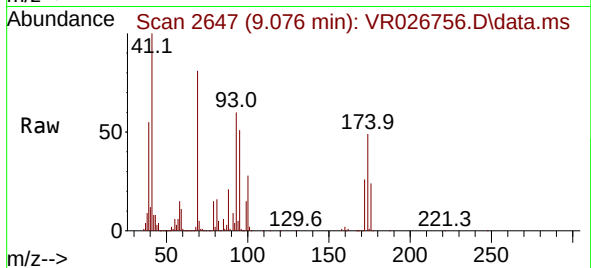
65 31.3 24.8 37.2





#45
Dibromomethane
Concen: 54.371 ug/l
RT: 9.076 min Scan# 2074
Delta R.T. 0.004 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

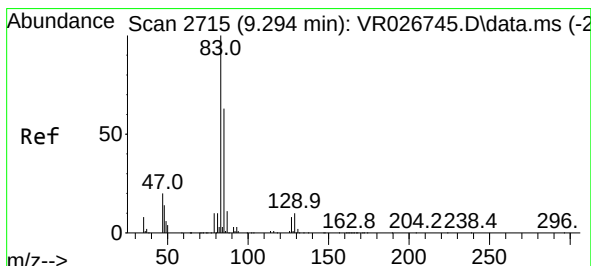
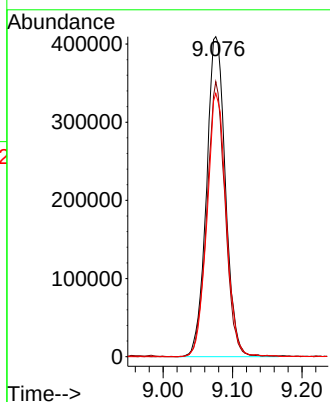
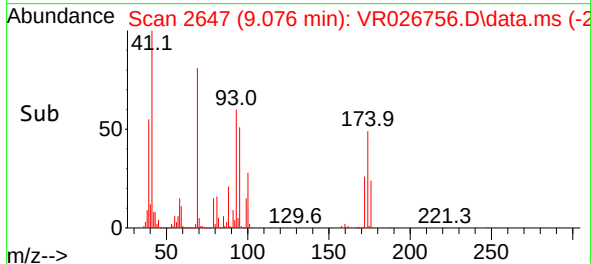
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 93 Resp: 777449
Ion Ratio Lower Upper
93 100
95 82.8 65.4 98.0
174 82.8 66.5 99.7

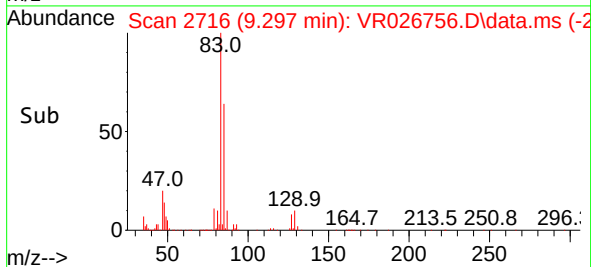
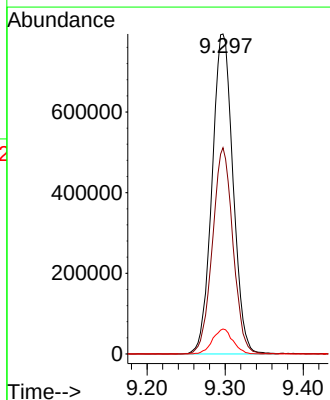
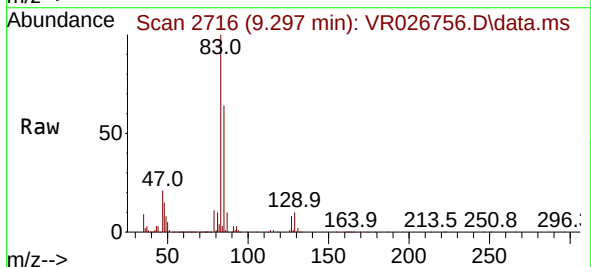
Manual Integrations
APPROVED

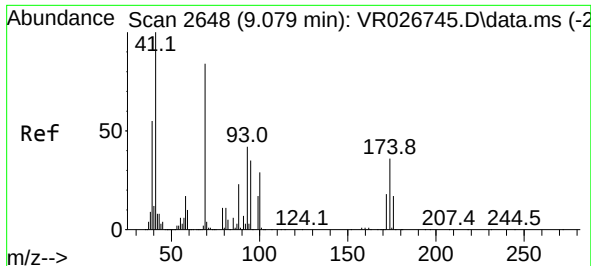
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#46
Bromodichloromethane
Concen: 55.614 ug/l
RT: 9.297 min Scan# 2716
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Tgt Ion: 83 Resp: 1480221
Ion Ratio Lower Upper
83 100
85 64.4 50.8 76.2
127 7.8 6.0 9.0





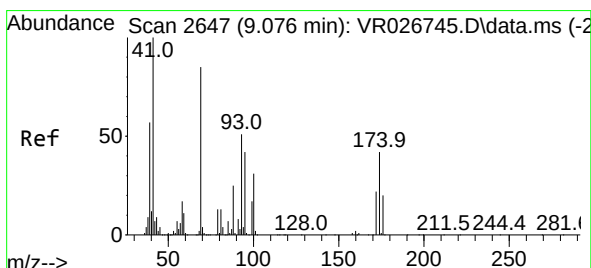
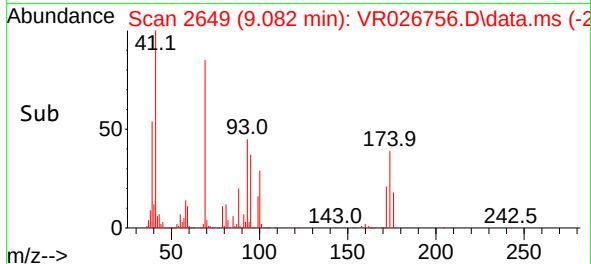
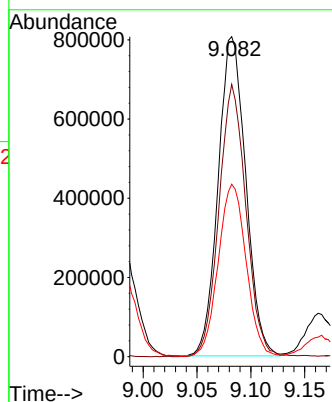
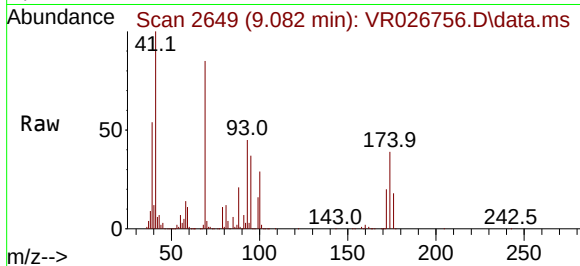
#47
Methyl methacrylate
Concen: 53.050 ug/l
RT: 9.082 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 143826
Ion Ratio Lower Upper
41 100
69 83.3 66.5 99.7
39 54.3 43.3 64.9

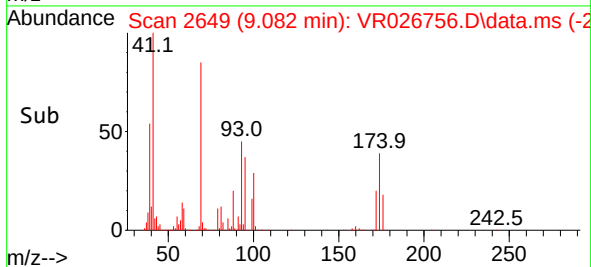
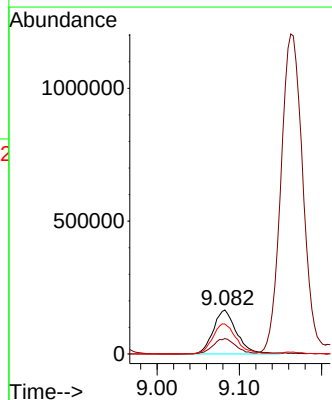
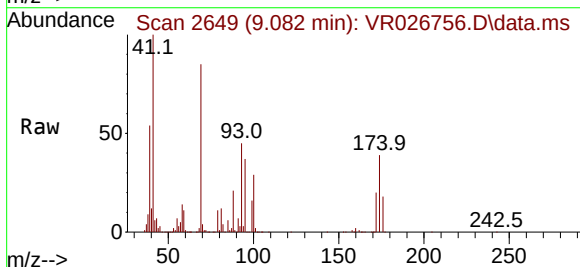
Manual Integrations
APPROVED

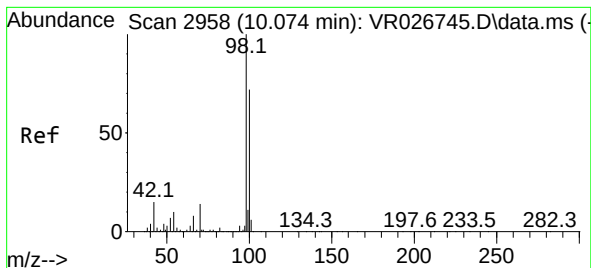
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#48
1,4-Dioxane
Concen: 934.469 ug/l
RT: 9.082 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Tgt Ion: 88 Resp: 325462
Ion Ratio Lower Upper
88 100
43 34.0 27.1 40.7
58 69.4 55.9 83.9





#49

Toluene-d8

Concen: 50.751 ug/l

RT: 10.077 min Scan# 2958

Delta R.T. 0.003 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 98 Resp: 334599

Ion Ratio Lower Upper

98 100

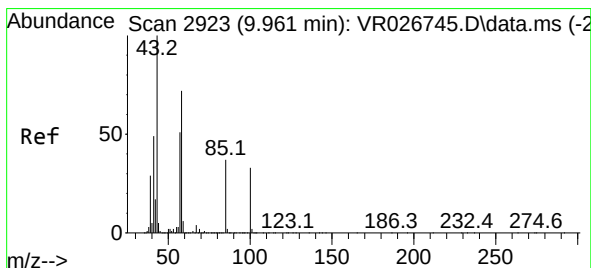
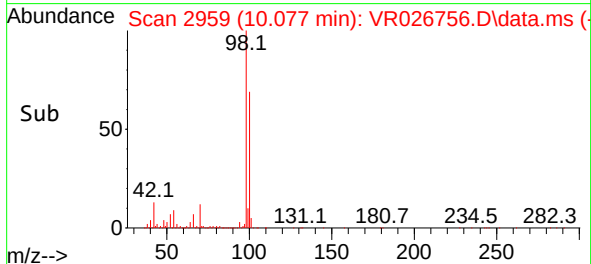
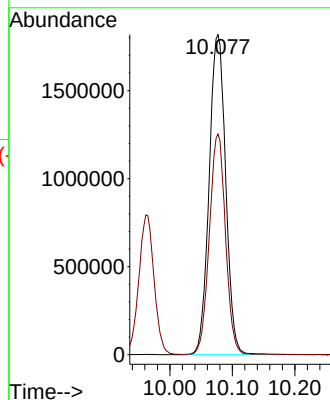
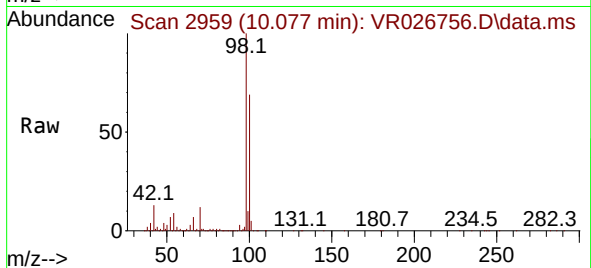
100 67.1 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#50

4-Methyl-2-Pentanone

Concen: 244.639 ug/l

RT: 9.961 min Scan# 2923

Delta R.T. 0.000 min

Lab File: VR026756.D

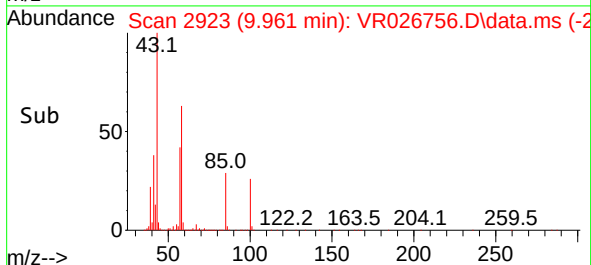
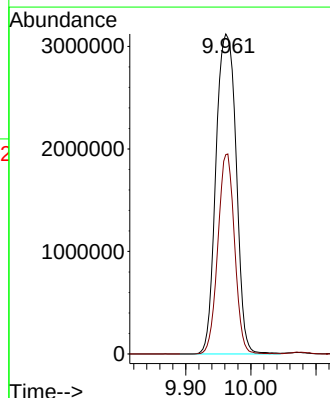
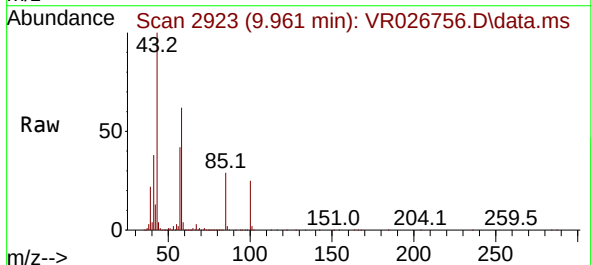
Acq: 21 Aug 2025 14:53

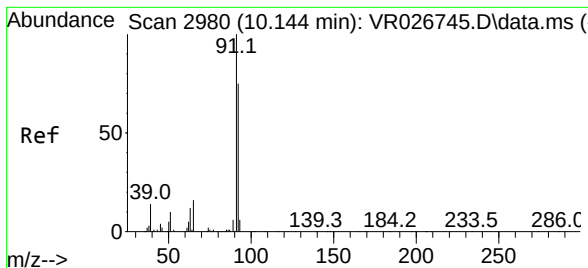
Tgt Ion: 43 Resp: 6718182

Ion Ratio Lower Upper

43 100

58 51.5 46.8 70.2





#51

Toluene

Concen: 53.156 ug/l

RT: 10.148 min Scan# 2980

Delta R.T. 0.003 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 92 Resp: 285390

Ion Ratio Lower Upper

92 100

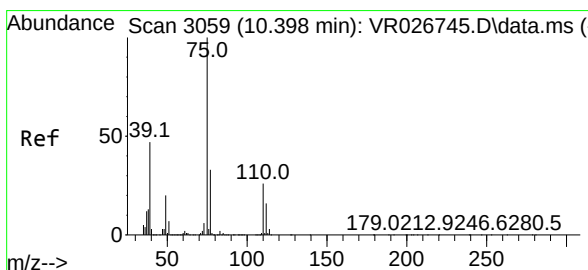
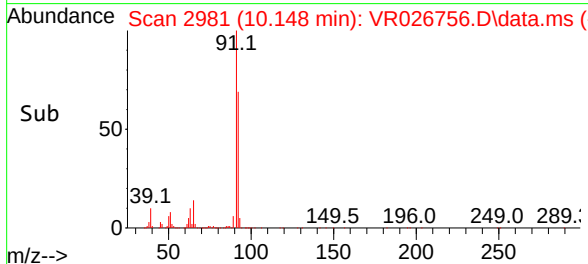
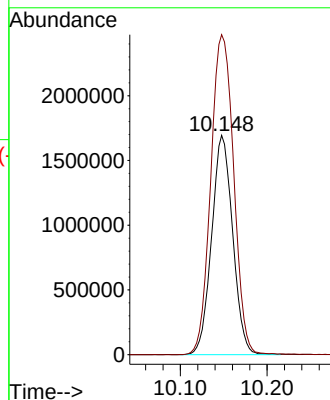
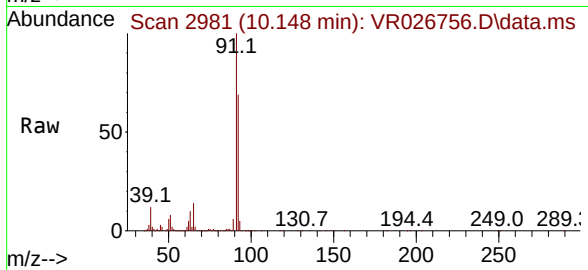
91 159.1 120.1 180.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#52

t-1,3-Dichloropropene

Concen: 58.032 ug/l

RT: 10.404 min Scan# 3061

Delta R.T. 0.007 min

Lab File: VR026756.D

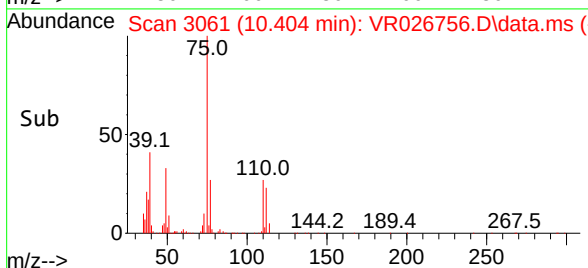
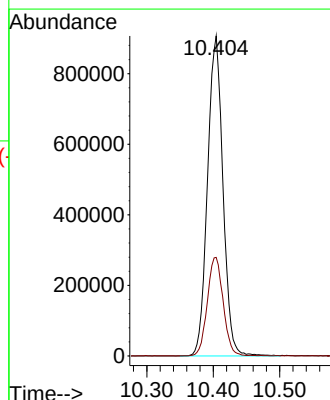
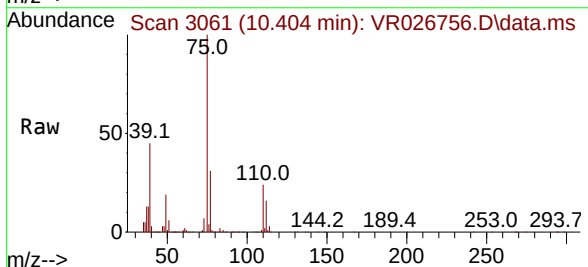
Acq: 21 Aug 2025 14:53

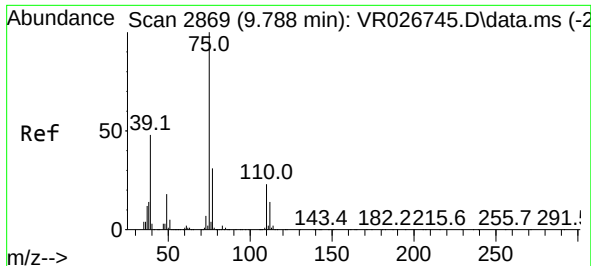
Tgt Ion: 75 Resp: 1462909

Ion Ratio Lower Upper

75 100

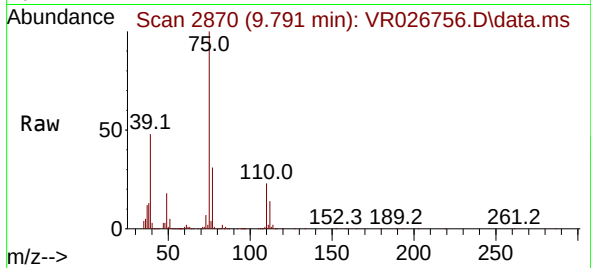
77 30.8 26.2 39.4





#53
cis-1,3-Dichloropropene
Concen: 55.601 ug/l
RT: 9.791 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

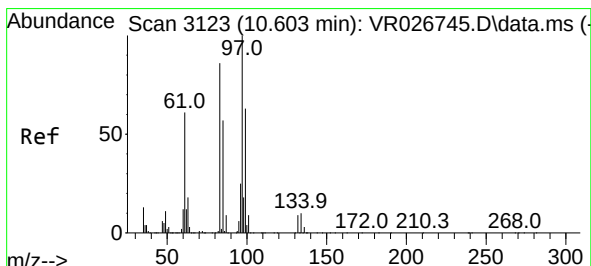
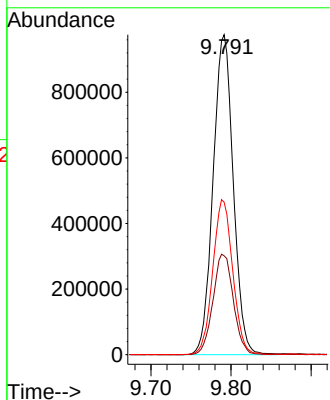
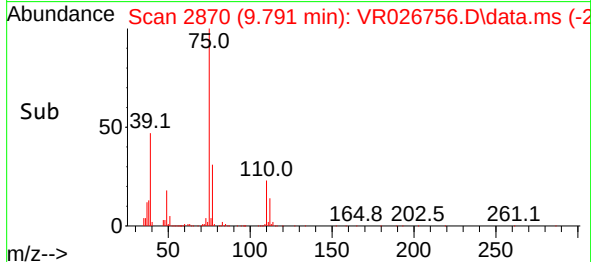
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 170042
Ion Ratio Lower Upper
75 100
77 30.9 25.1 37.7
39 47.6 38.5 57.7

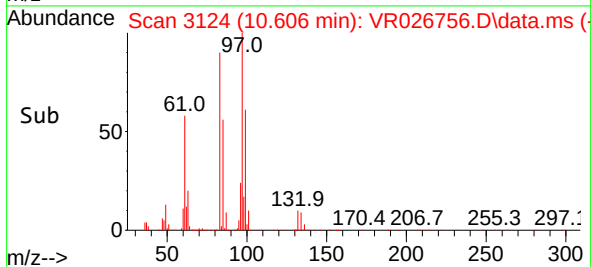
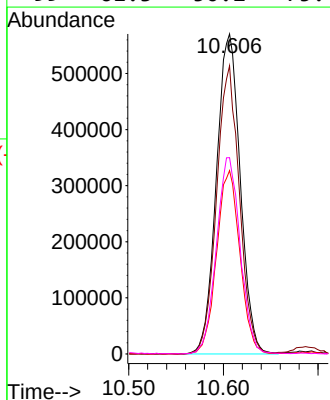
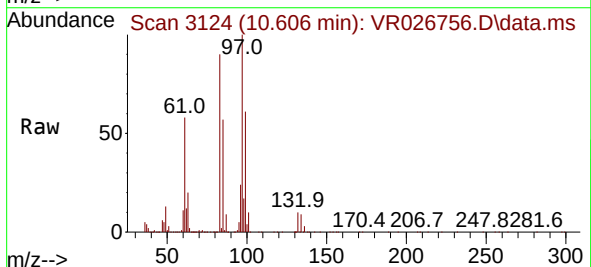
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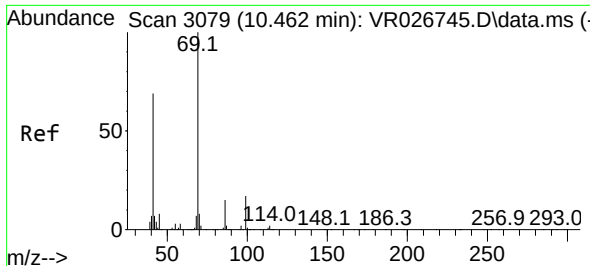
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#54
1,1,2-Trichloroethane
Concen: 52.350 ug/l
RT: 10.606 min Scan# 3124
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

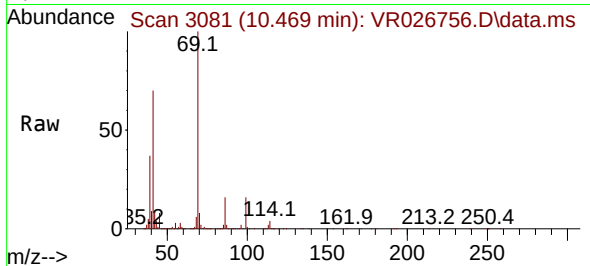
Tgt Ion: 97 Resp: 997615
Ion Ratio Lower Upper
97 100
83 90.1 68.9 103.3
85 57.3 45.3 67.9
99 61.3 50.2 75.4





#55
Ethyl methacrylate
Concen: 54.536 ug/l
RT: 10.469 min Scan# 3079
Delta R.T. 0.007 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

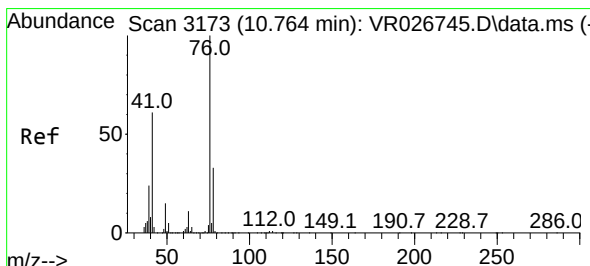
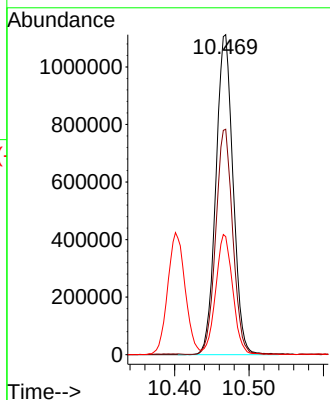
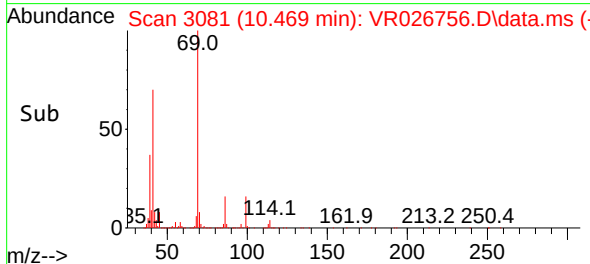
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 69 Resp: 178762
Ion Ratio Lower Upper
69 100
41 69.7 55.6 83.4
39 37.0 29.2 43.8

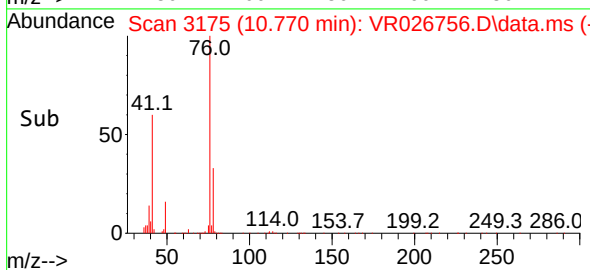
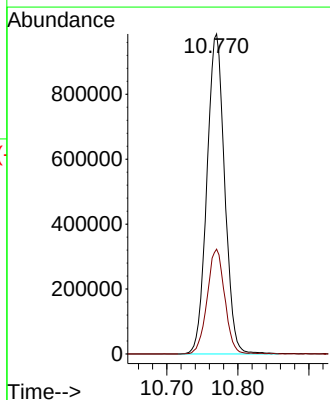
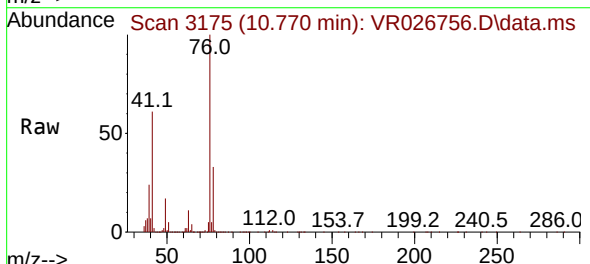
Manual Integrations
APPROVED

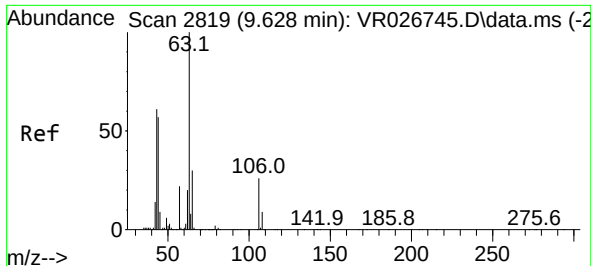
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#56
1,3-Dichloropropane
Concen: 53.224 ug/l
RT: 10.770 min Scan# 3175
Delta R.T. 0.007 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

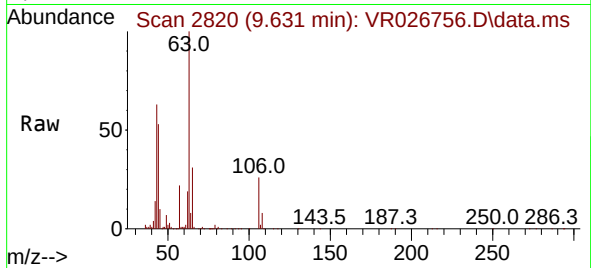
Tgt Ion: 76 Resp: 1709590
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9





#57
2-Chloroethyl Vinyl ether
Concen: 217.127 ug/l
RT: 9.631 min Scan# 2819
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

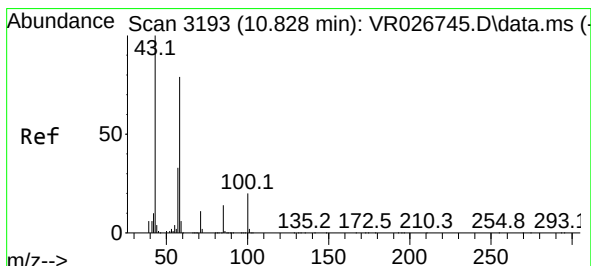
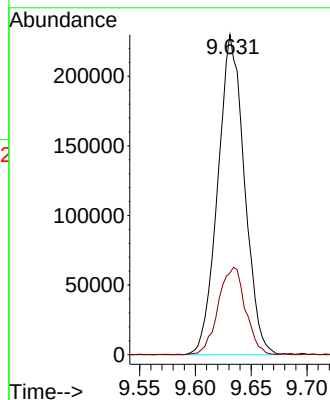
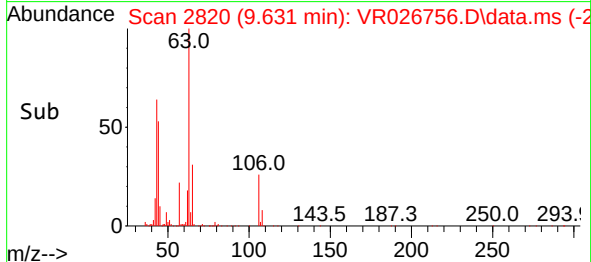
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 381370
Ion Ratio Lower Upper
63 100
106 27.9 21.5 32.3

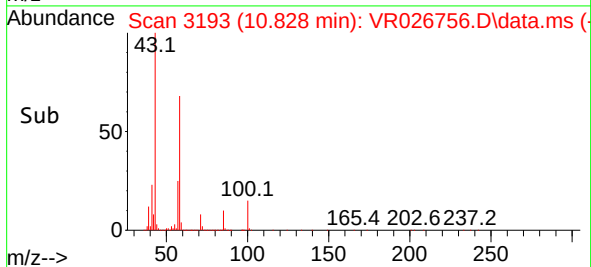
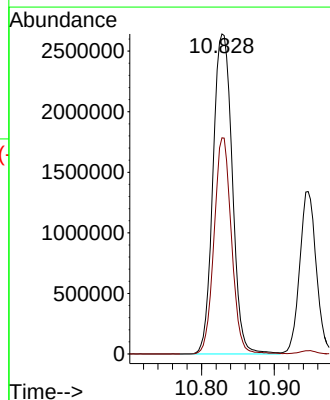
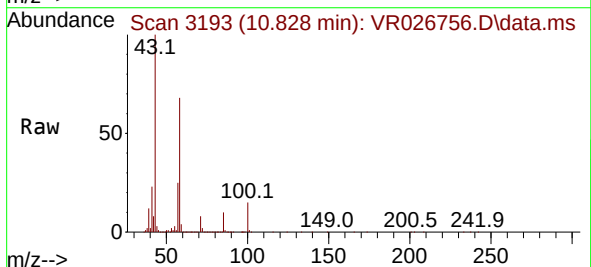
Manual Integrations
APPROVED

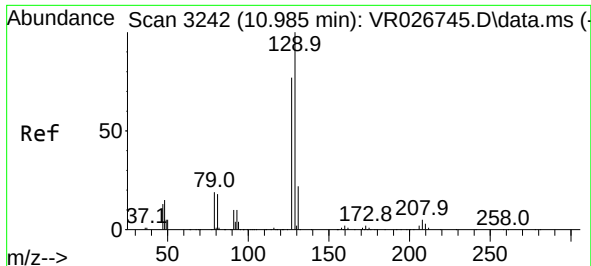
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#58
2-Hexanone
Concen: 259.022 ug/l
RT: 10.828 min Scan# 3193
Delta R.T. -0.000 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Tgt Ion: 43 Resp: 4861860
Ion Ratio Lower Upper
43 100
58 61.1 34.0 102.0





#59

Dibromochloromethane

Concen: 54.782 ug/l

RT: 10.988 min Scan# 3243

Delta R.T. 0.003 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion:129 Resp: 98196

Ion Ratio Lower Upper

129 100

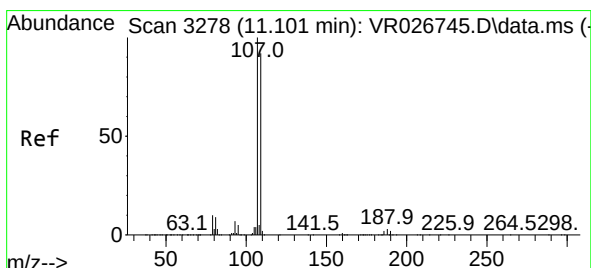
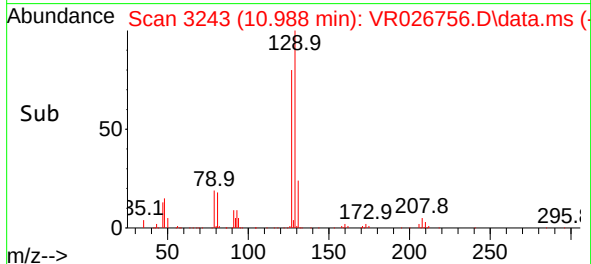
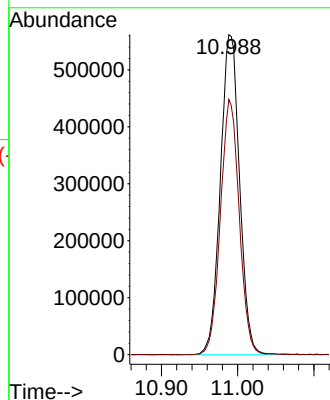
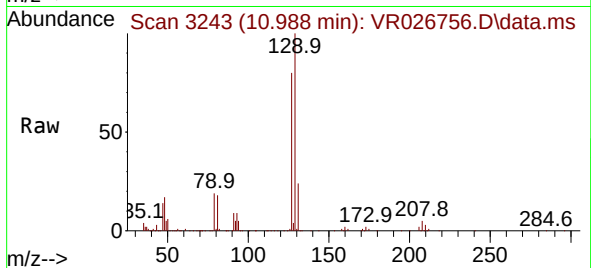
127 78.2 38.9 116.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#60

1,2-Dibromoethane

Concen: 52.852 ug/l

RT: 11.104 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VR026756.D

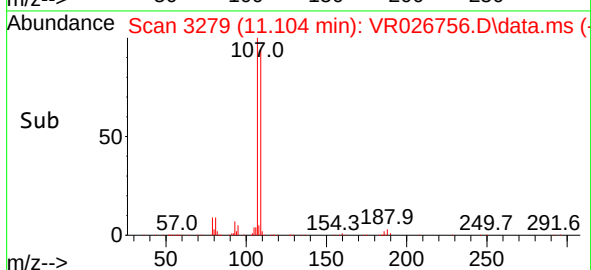
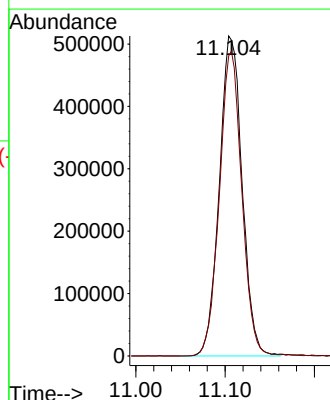
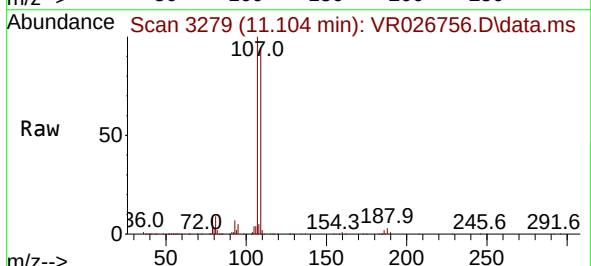
Acq: 21 Aug 2025 14:53

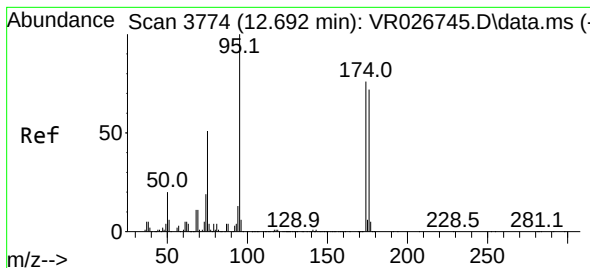
Tgt Ion:107 Resp: 910285

Ion Ratio Lower Upper

107 100

109 93.4 74.3 111.5





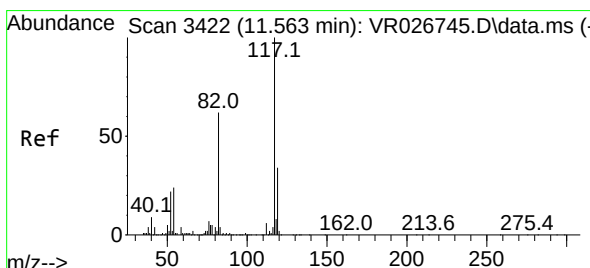
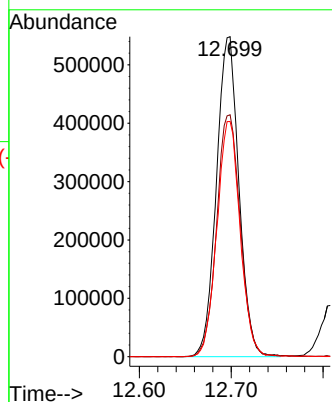
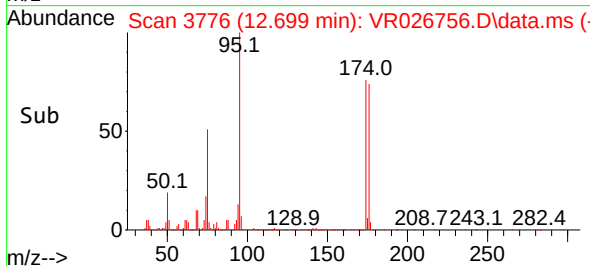
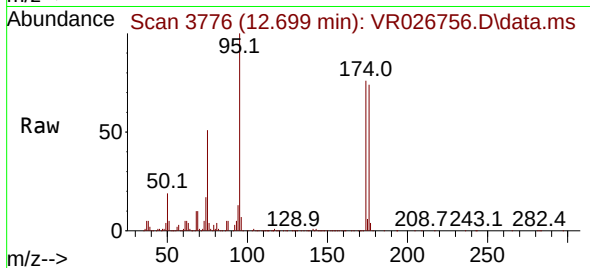
#61
4-Bromofluorobenzene
Concen: 49.842 ug/l
RT: 12.699 min Scan# 31
Delta R.T. 0.007 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 95 Resp: 93238
Ion Ratio Lower Upper
95 100
174 79.5 0.0 156.6
176 75.9 0.0 150.2

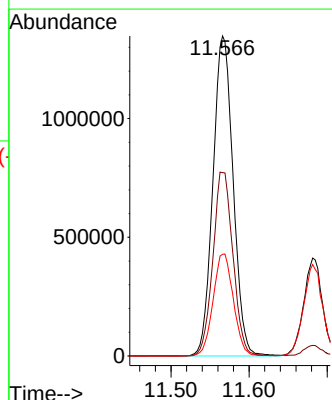
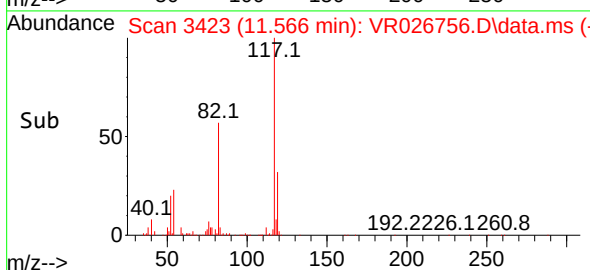
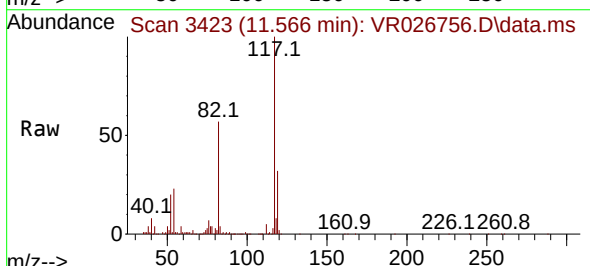
Manual Integrations
APPROVED

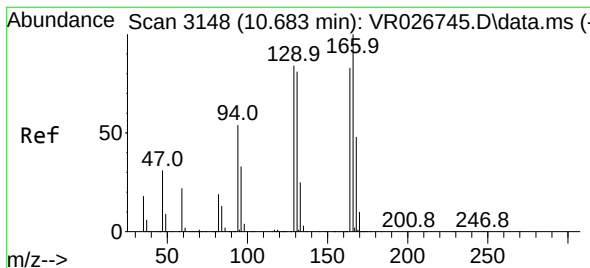
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.566 min Scan# 3423
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Tgt Ion:117 Resp: 2423975
Ion Ratio Lower Upper
117 100
82 57.3 49.9 74.9
119 31.8 27.4 41.2





#63

Tetrachloroethene

Concen: 46.740 ug/l

RT: 10.690 min Scan# 3148

Delta R.T. 0.007 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

Instrument :

MSVOA_R

ClientSampleId :

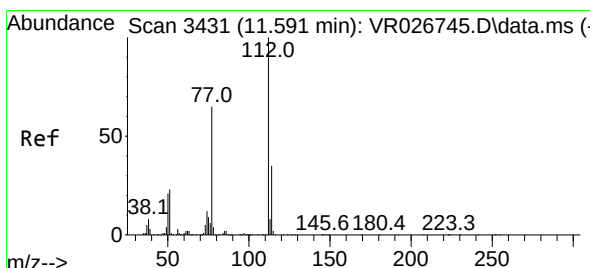
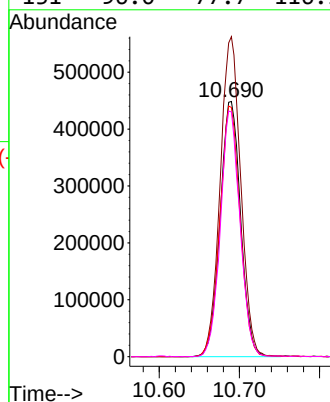
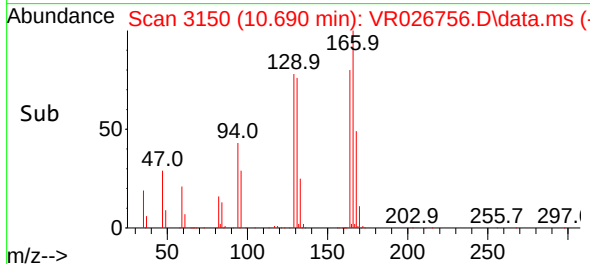
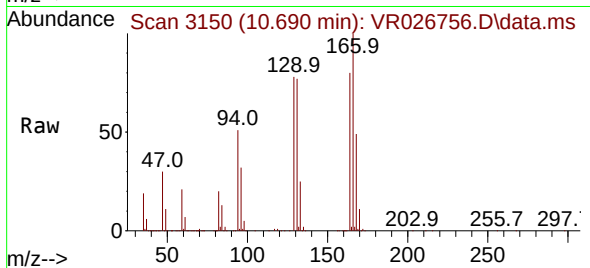
VSTDCCC050EC

Tgt Ion:164	Resp: 796044
Ion Ratio	Lower Upper
164 100	
166 125.4	95.9 143.9
129 97.7	80.2 120.2
131 96.0	77.7 116.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#64

Chlorobenzene

Concen: 51.621 ug/l

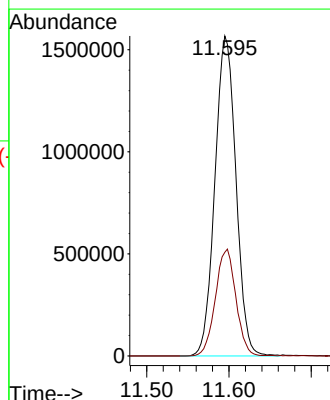
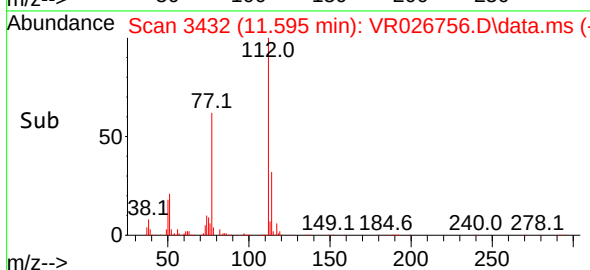
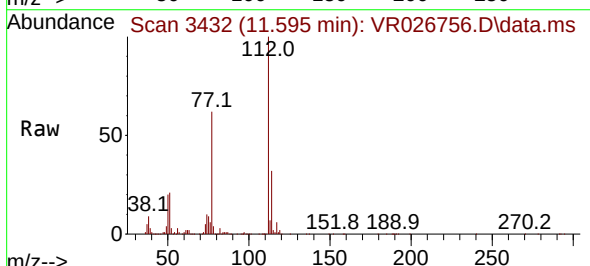
RT: 11.595 min Scan# 3432

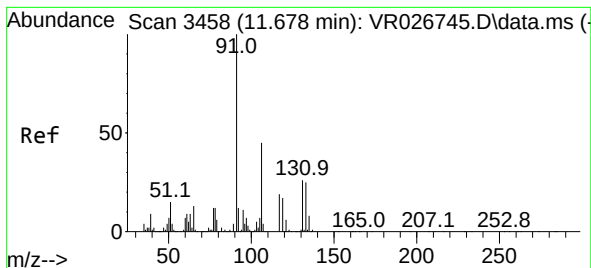
Delta R.T. 0.003 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

Tgt Ion:112	Resp: 2784510		
Ion	Ratio	Lower	Upper
112	100		
114	32.4	28.0	42.0





#65

1,1,1,2-Tetrachloroethane

Concen: 52.675 ug/l

RT: 11.681 min Scan# 3458

Delta R.T. 0.003 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion:131 Resp: 954000

Ion Ratio Lower Upper

131 100

133 94.7 47.3 141.8

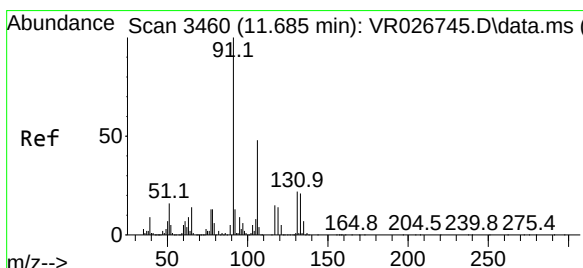
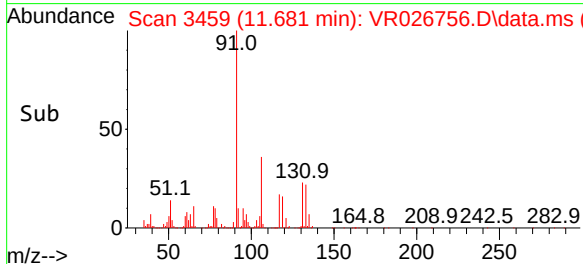
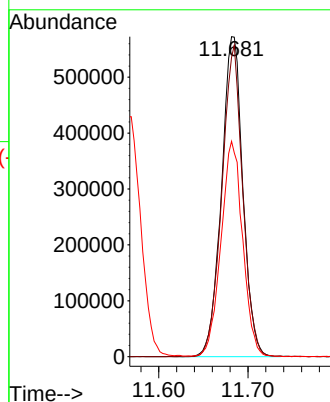
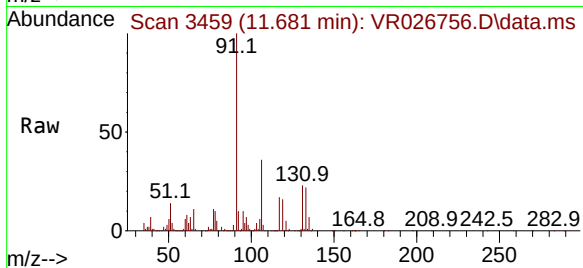
119 67.9 33.9 101.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#66

Ethyl Benzene

Concen: 53.512 ug/l

RT: 11.688 min Scan# 3461

Delta R.T. 0.003 min

Lab File: VR026756.D

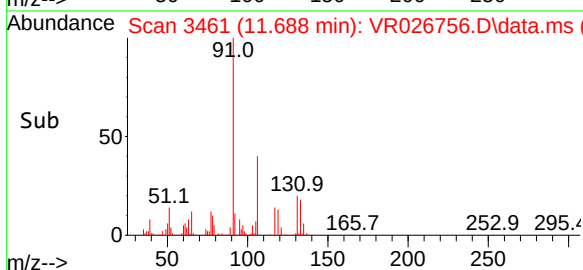
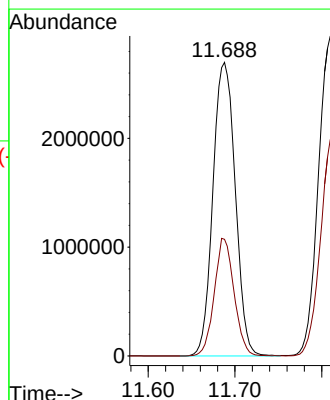
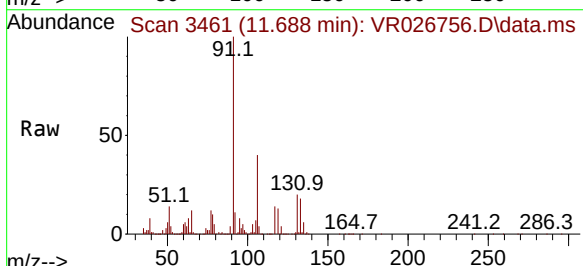
Acq: 21 Aug 2025 14:53

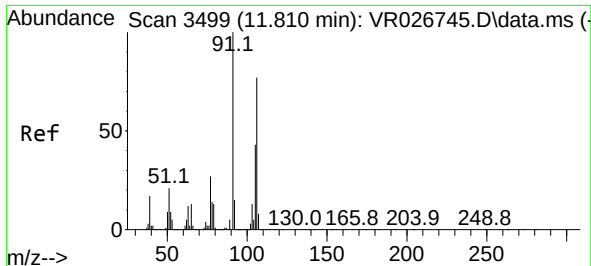
Tgt Ion: 91 Resp: 4826092

Ion Ratio Lower Upper

91 100

106 39.7 38.7 58.1





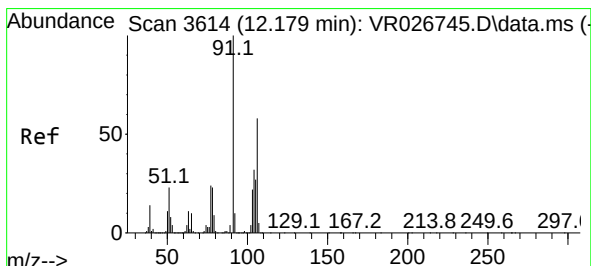
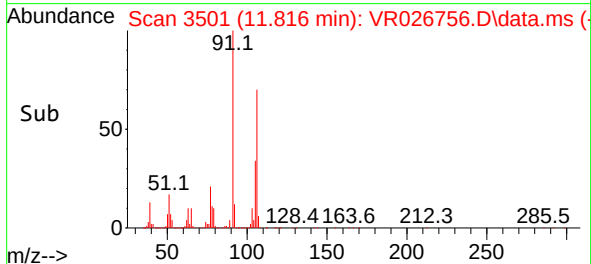
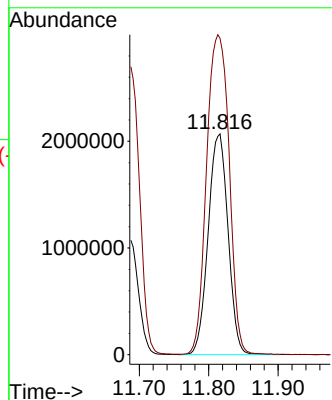
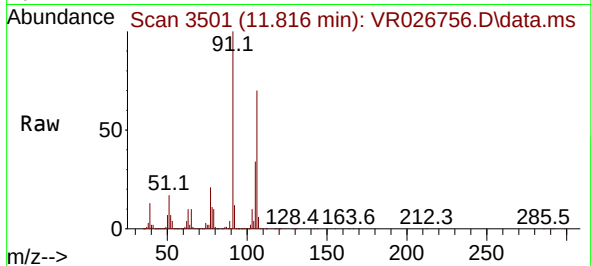
#67
m/p-Xylenes
Concen: 108.588 ug/l
RT: 11.816 min Scan# 3499
Delta R.T. 0.006 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 4098000
Ion Ratio Lower Upper
106 100
91 165.0 121.6 182.4

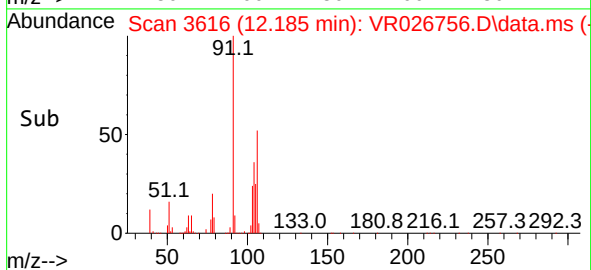
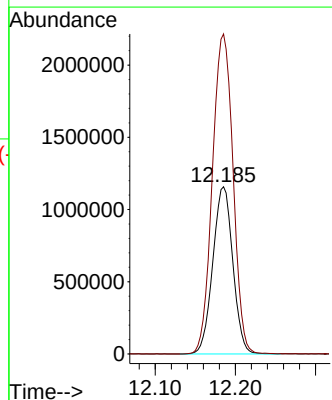
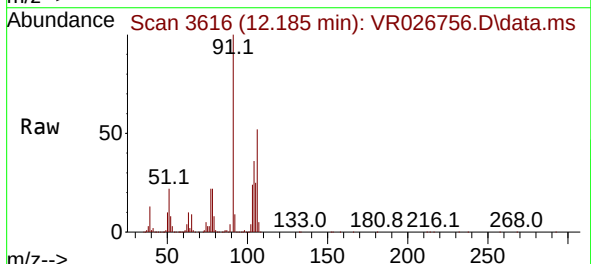
Manual Integrations
APPROVED

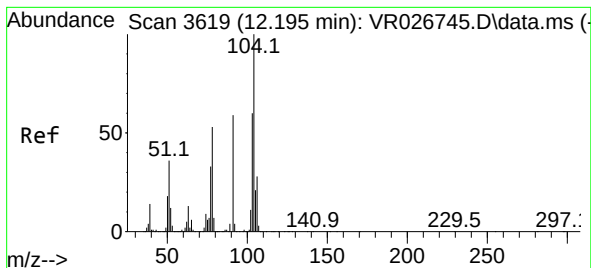
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#68
o-Xylene
Concen: 52.428 ug/l
RT: 12.185 min Scan# 3616
Delta R.T. 0.007 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Tgt Ion:106 Resp: 2004854
Ion Ratio Lower Upper
106 100
91 197.6 93.7 281.1





#69

Styrene

Concen: 56.039 ug/l

RT: 12.201 min Scan# 3621

Delta R.T. 0.007 min

Lab File: VR026756.D

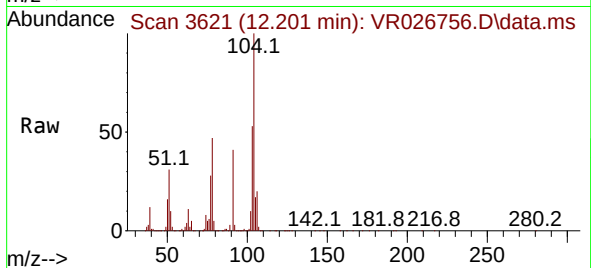
Acq: 21 Aug 2025 14:53

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC



Tgt Ion:104 Resp: 315344

Ion Ratio Lower Upper

104 100

78 50.5 42.5 63.7

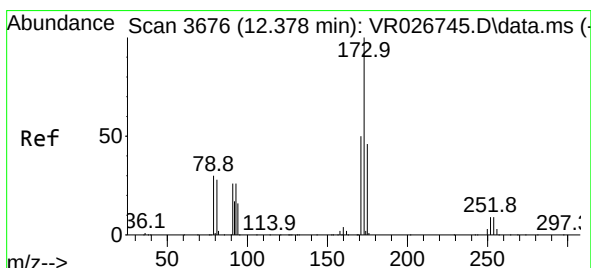
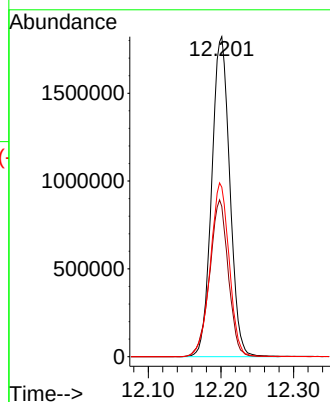
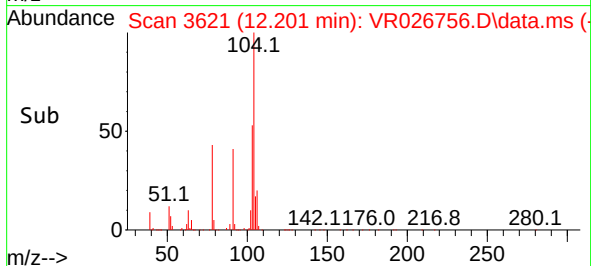
103 56.8 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#70

Bromoform

Concen: 53.990 ug/l

RT: 12.381 min Scan# 3677

Delta R.T. 0.003 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

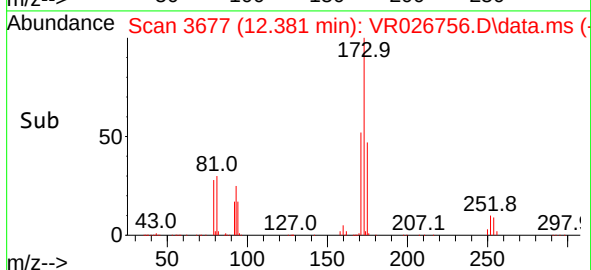
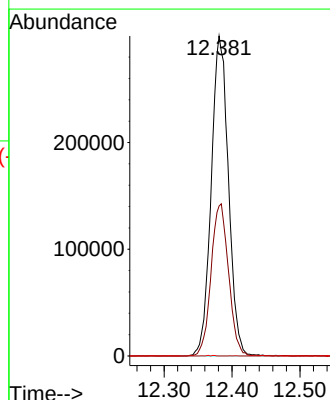
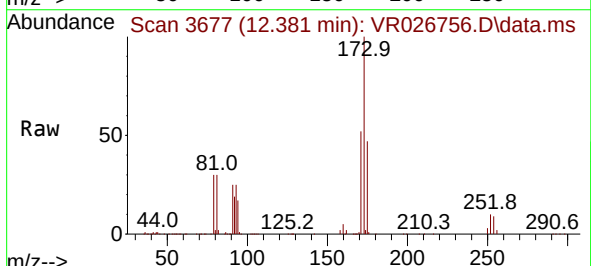
Tgt Ion:173 Resp: 527252

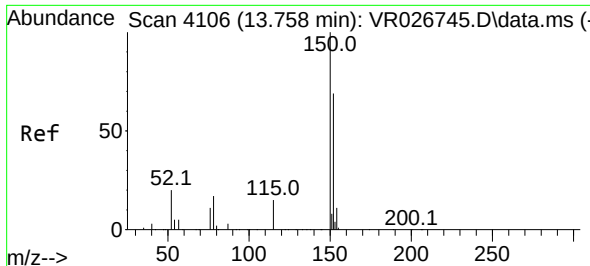
Ion Ratio Lower Upper

173 100

175 48.3 23.8 71.4

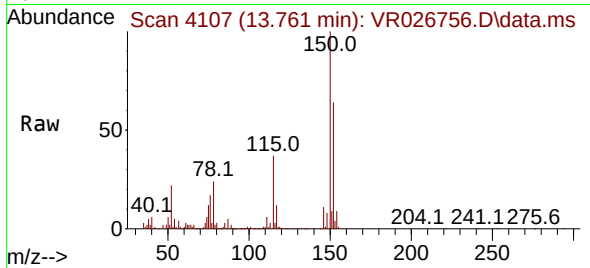
254 0.0 0.0 0.0#





#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.761 min Scan# 4106
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

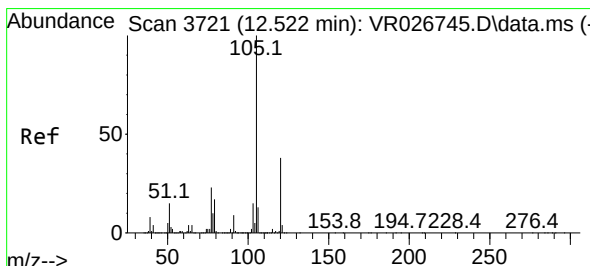
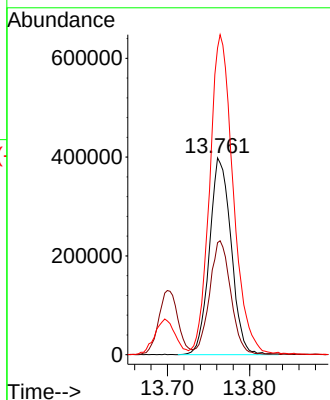
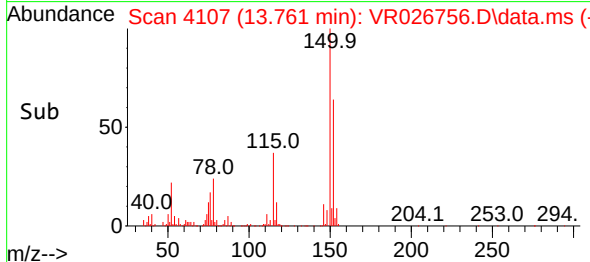
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



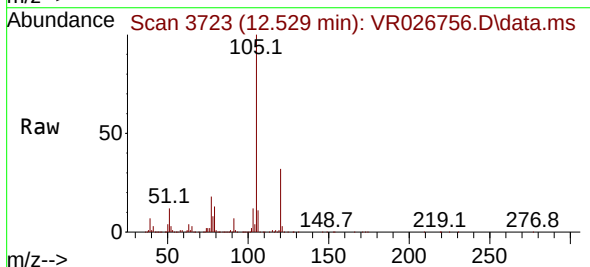
Tgt Ion:152 Resp: 73024
Ion Ratio Lower Upper
152 100
115 56.2 28.5 85.5
150 175.6 0.0 352.0

Manual Integrations
APPROVED

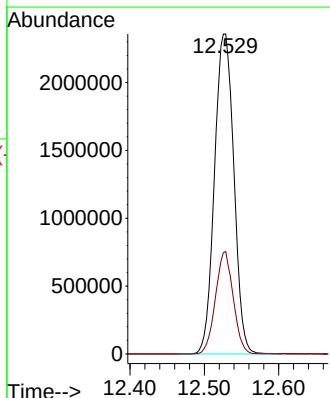
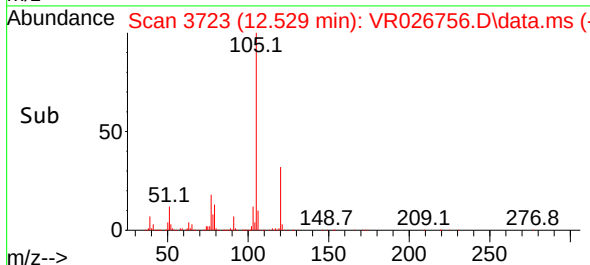
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

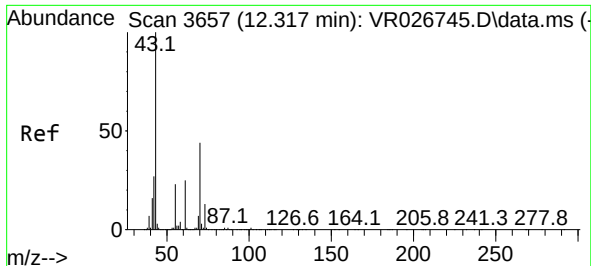


#72
Isopropylbenzene
Concen: 53.848 ug/l
RT: 12.529 min Scan# 3723
Delta R.T. 0.007 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53



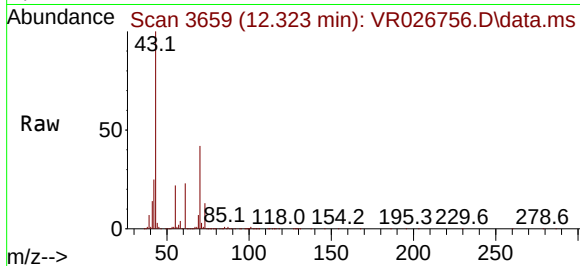
Tgt Ion:105 Resp: 4268335
Ion Ratio Lower Upper
105 100
120 29.4 16.4 49.2





#73
N-amy1 acetate
Concen: 60.193 ug/l
RT: 12.323 min Scan# 30
Delta R.T. 0.007 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

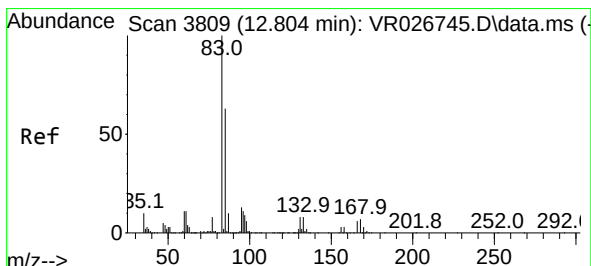
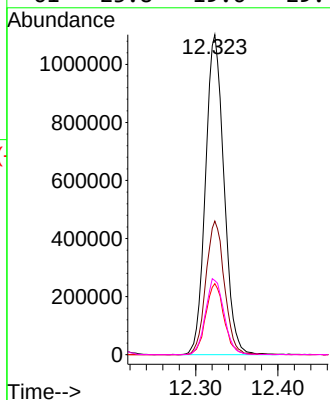
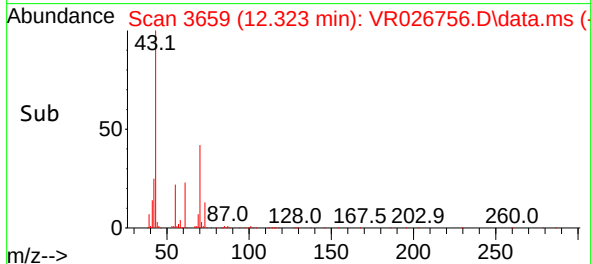
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1722589
Ion Ratio Lower Upper
43 100
70 42.0 34.1 51.1
55 22.0 18.1 27.1
61 23.8 19.6 29.4

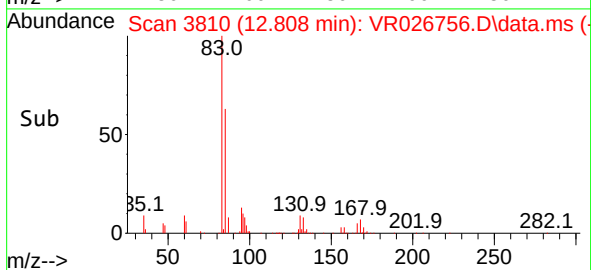
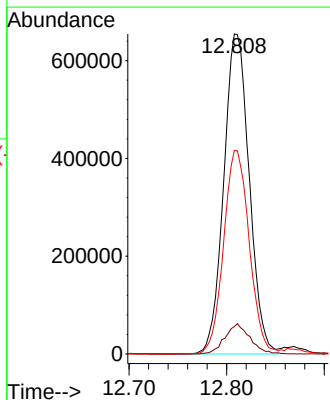
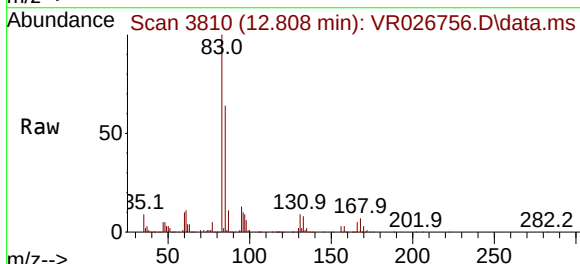
Manual Integrations
APPROVED

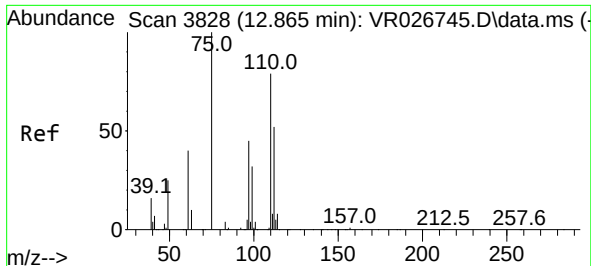
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#74
1,1,2,2-Tetrachloroethane
Concen: 52.317 ug/l
RT: 12.808 min Scan# 3810
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Tgt Ion: 83 Resp: 1187129
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 63.9 31.7 95.1





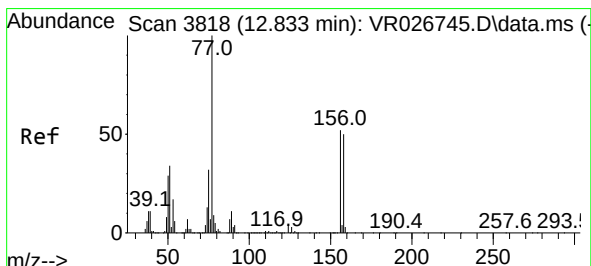
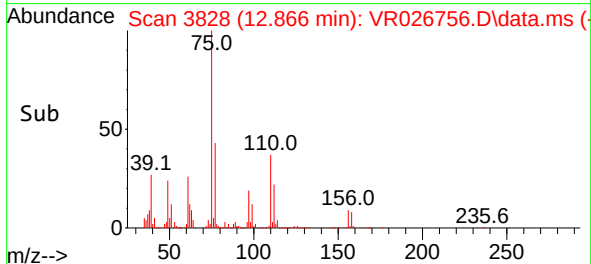
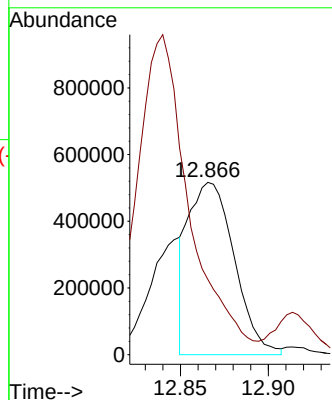
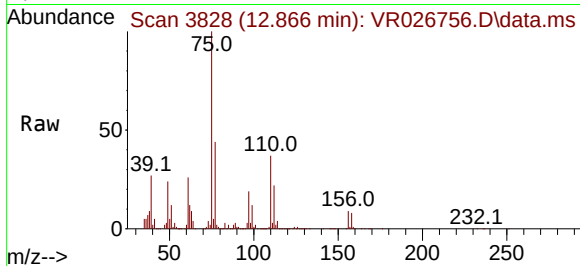
#75
1,2,3-Trichloropropane
Concen: 52.213 ug/l m
RT: 12.866 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 93988
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

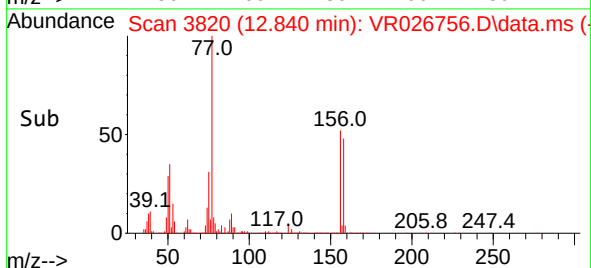
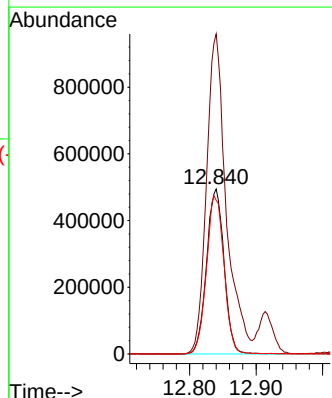
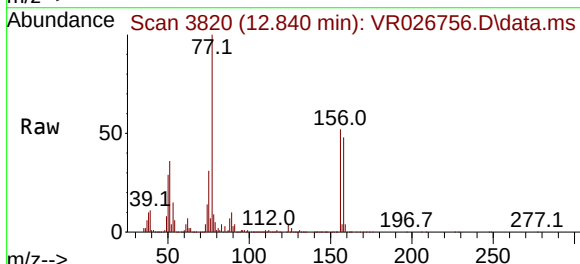
Manual Integrations
APPROVED

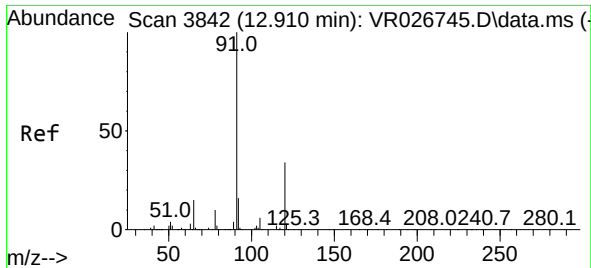
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#76
Bromobenzene
Concen: 52.337 ug/l
RT: 12.840 min Scan# 3820
Delta R.T. 0.007 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

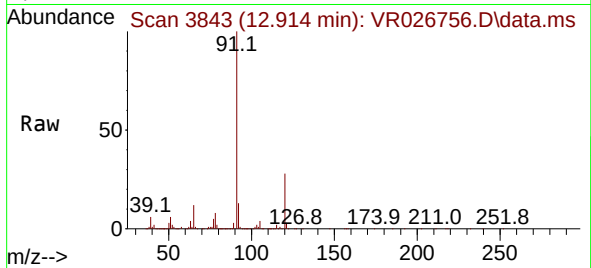
Tgt Ion:156 Resp: 908072
Ion Ratio Lower Upper
156 100
77 218.3 109.8 329.4
158 95.8 47.5 142.6





#77
n-propylbenzene
Concen: 54.087 ug/l
RT: 12.914 min Scan# 3843
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

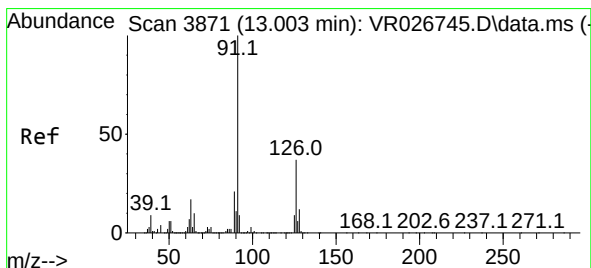
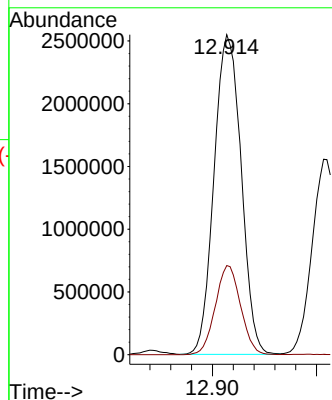
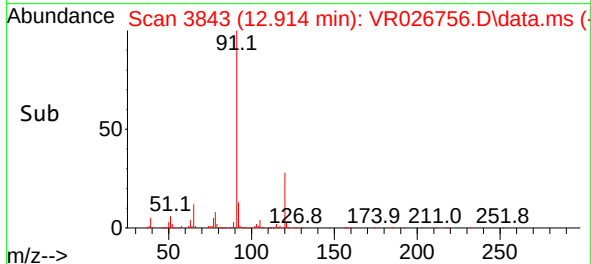
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 459628
Ion Ratio Lower Upper
91 100
120 26.0 14.2 42.8

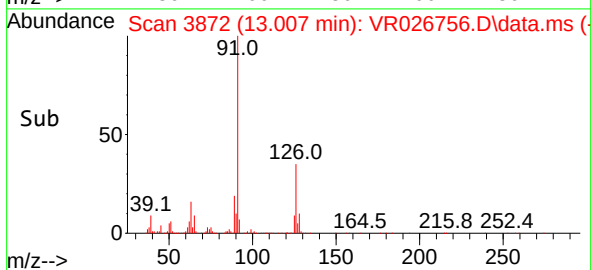
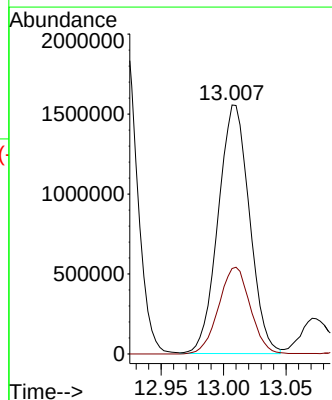
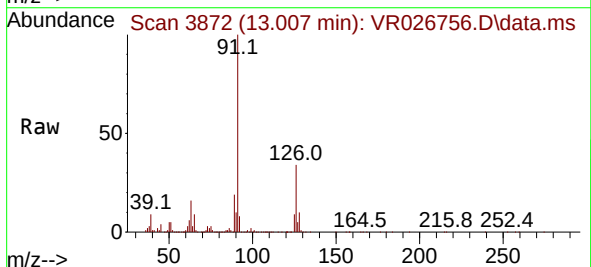
Manual Integrations
APPROVED

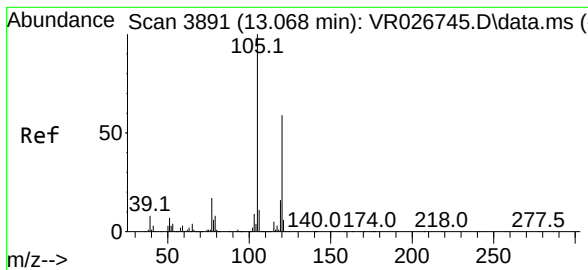
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#78
2-Chlorotoluene
Concen: 54.181 ug/l
RT: 13.007 min Scan# 3872
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

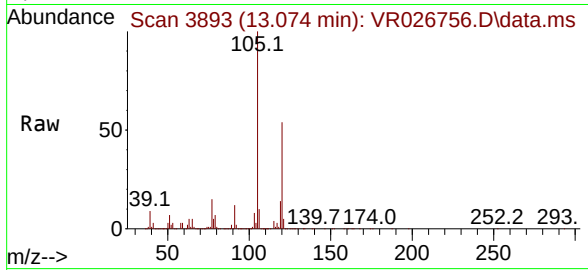
Tgt Ion: 91 Resp: 2719112
Ion Ratio Lower Upper
91 100
126 35.1 18.0 54.0





#79
1,3,5-Trimethylbenzene
Concen: 53.786 ug/l
RT: 13.074 min Scan# 3893
Delta R.T. 0.007 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

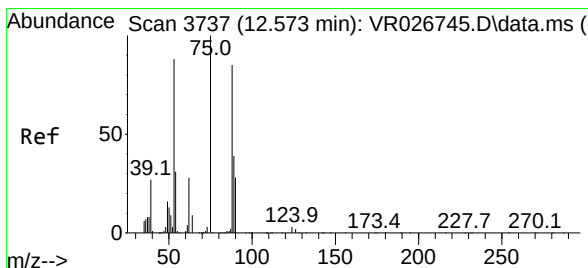
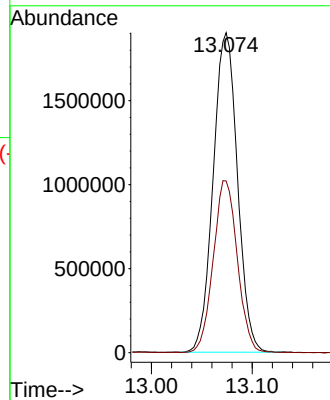
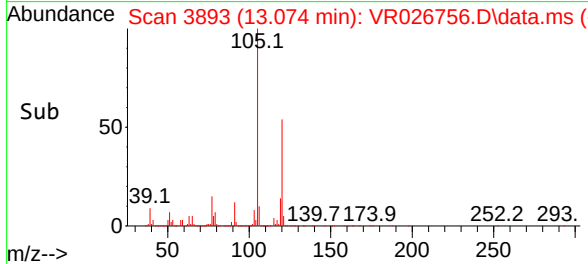
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



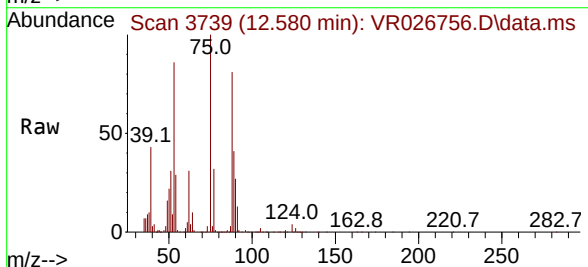
Tgt Ion:105 Resp: 3183740
Ion Ratio Lower Upper
105 100
120 53.3 27.8 83.4

Manual Integrations
APPROVED

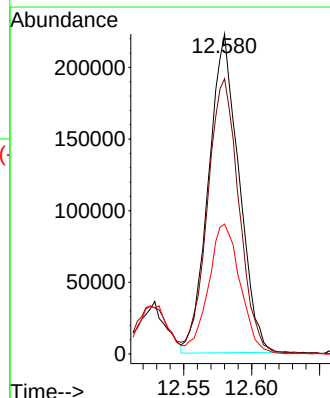
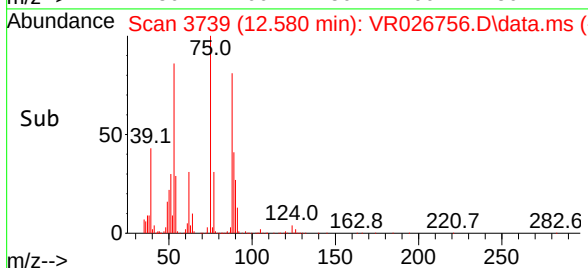
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

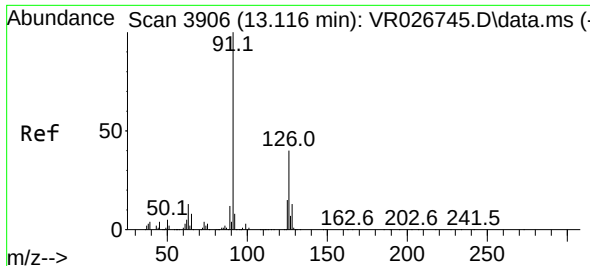


#80
trans-1,4-Dichloro-2-butene
Concen: 58.687 ug/l
RT: 12.580 min Scan# 3739
Delta R.T. 0.007 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53



Tgt Ion: 75 Resp: 346236
Ion Ratio Lower Upper
75 100
53 88.7 70.9 106.3
89 42.4 33.4 50.0





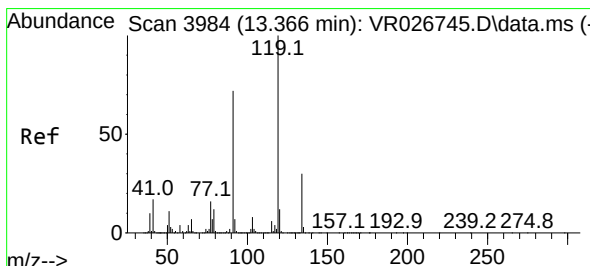
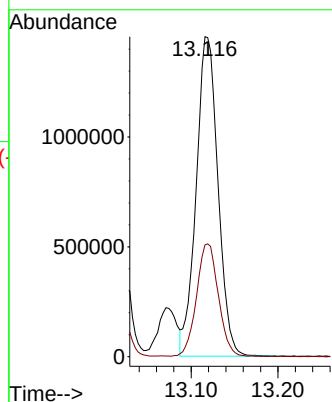
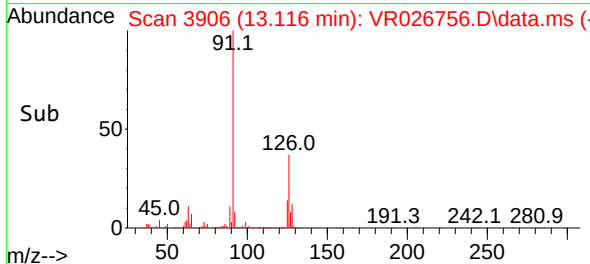
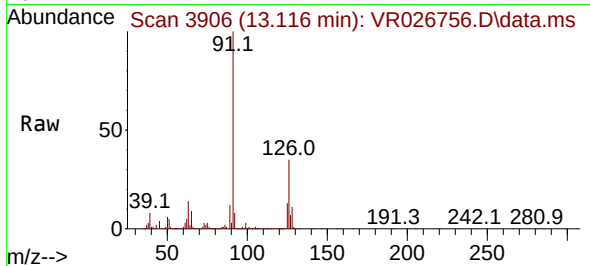
#81
4-Chlorotoluene
Concen: 55.204 ug/l
RT: 13.116 min Scan# 3906
Delta R.T. 0.000 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 253848
Ion Ratio Lower Upper
91 100
126 35.3 18.2 54.6

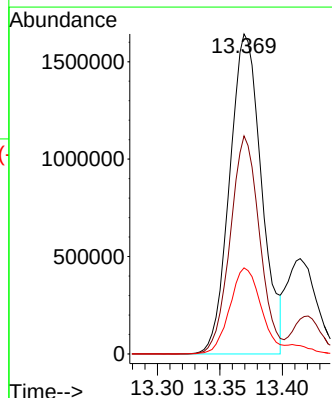
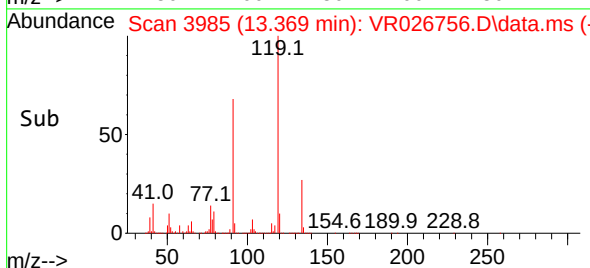
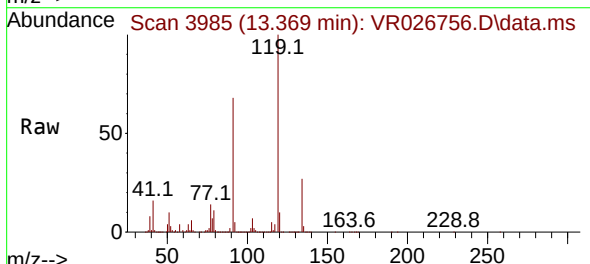
Manual Integrations
APPROVED

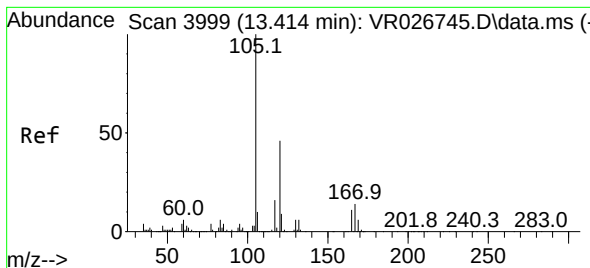
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#82
tert-Butylbenzene
Concen: 52.677 ug/l
RT: 13.369 min Scan# 3985
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

Tgt Ion:119 Resp: 2915126
Ion Ratio Lower Upper
119 100
91 63.0 33.5 100.5
134 26.6 14.9 44.9





#83

1,2,4-Trimethylbenzene

Concen: 54.856 ug/l

RT: 13.421 min Scan# 4001

Delta R.T. 0.007 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 2960804

Ion Ratio Lower Upper

105 100

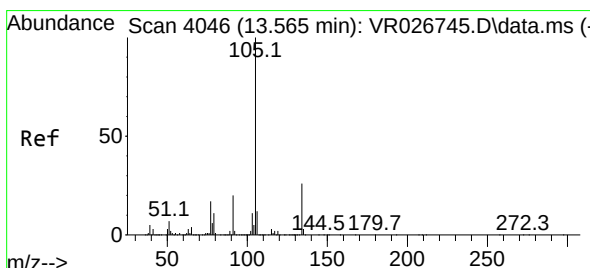
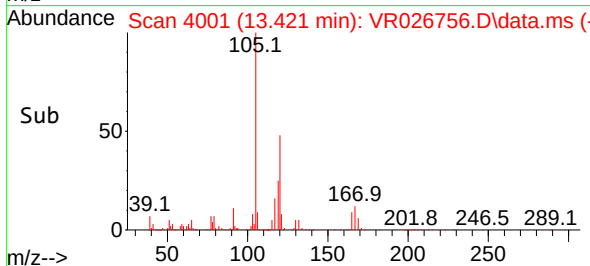
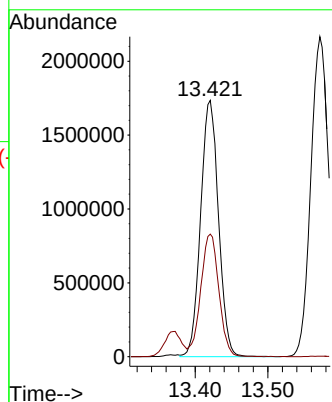
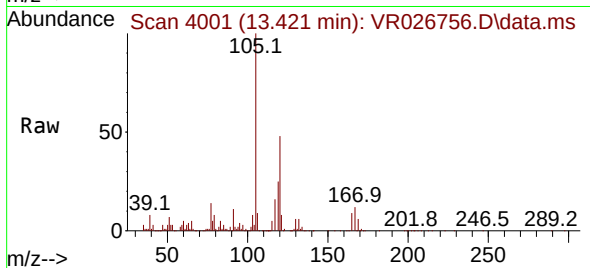
120 48.3 25.3 75.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#84

sec-Butylbenzene

Concen: 52.640 ug/l

RT: 13.572 min Scan# 4048

Delta R.T. 0.007 min

Lab File: VR026756.D

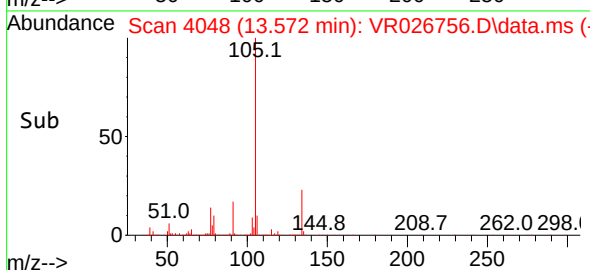
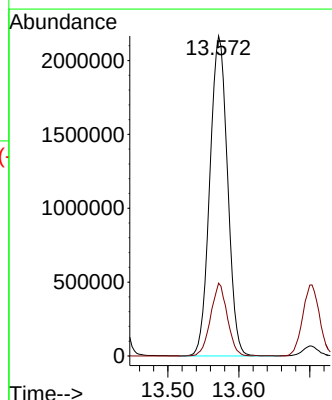
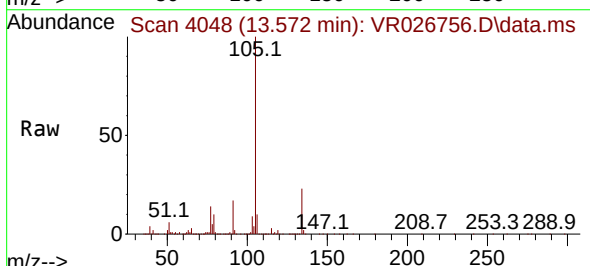
Acq: 21 Aug 2025 14:53

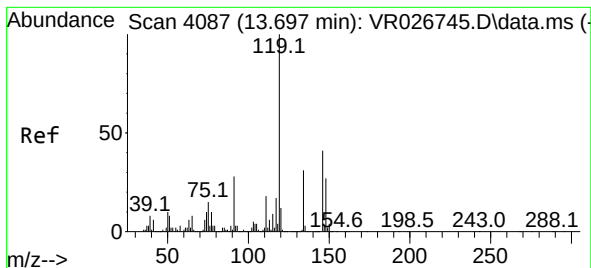
Tgt Ion:105 Resp: 3746944

Ion Ratio Lower Upper

105 100

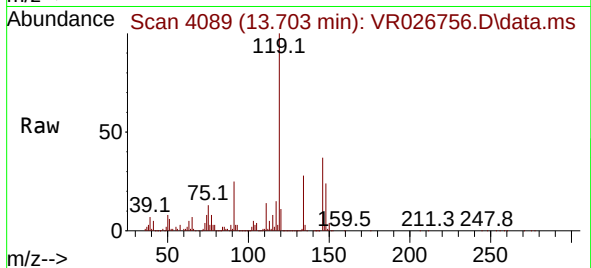
134 21.4 11.6 34.7





#85
p-Isopropyltoluene
Concen: 52.321 ug/l
RT: 13.703 min Scan# 4089
Delta R.T. 0.007 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

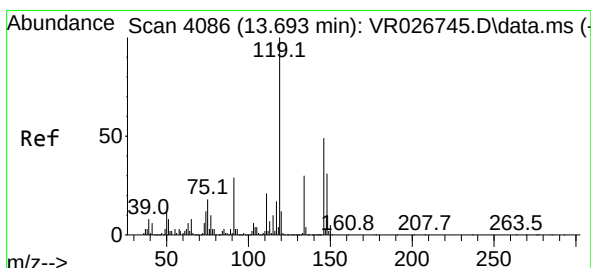
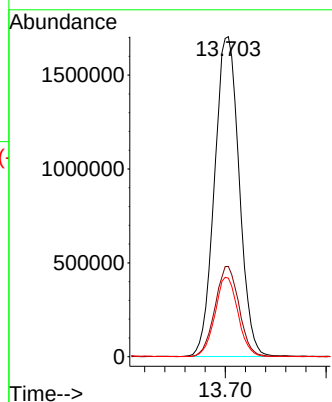
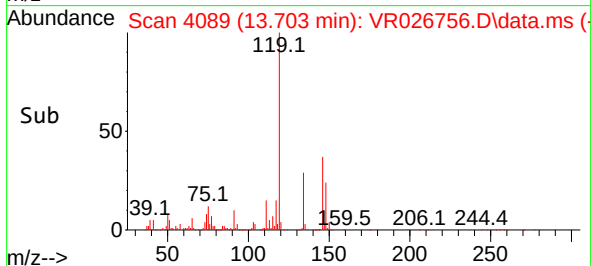
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



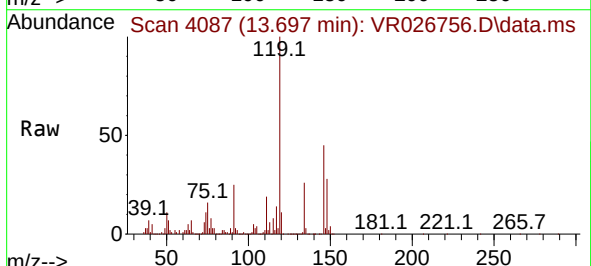
Tgt Ion:119 Resp: 289394
Ion Ratio Lower Upper
119 100
134 27.5 14.4 43.2
91 23.2 12.7 38.0

Manual Integrations
APPROVED

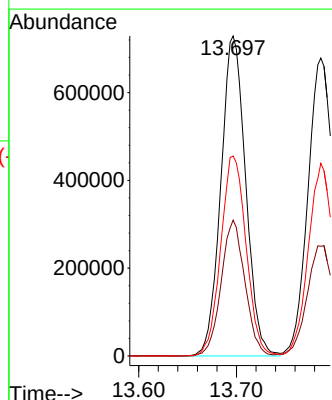
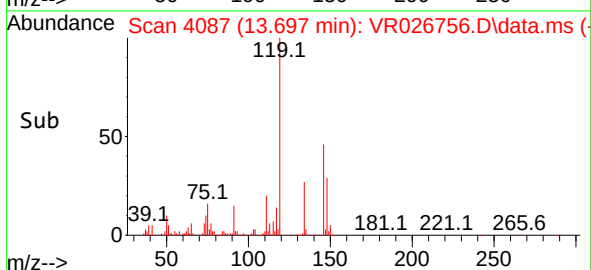
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

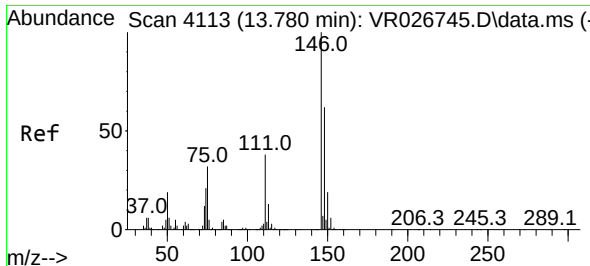


#86
1,3-Dichlorobenzene
Concen: 49.989 ug/l
RT: 13.697 min Scan# 4087
Delta R.T. 0.004 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53



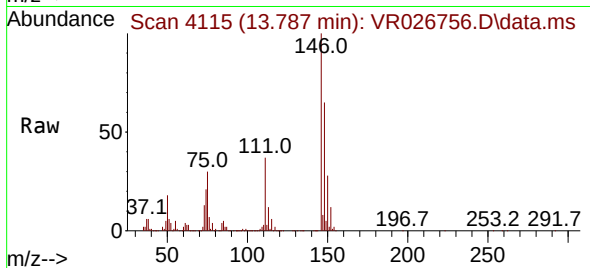
Tgt Ion:146 Resp: 1288094
Ion Ratio Lower Upper
146 100
111 40.7 20.9 62.7
148 64.0 31.8 95.3





#87
1,4-Dichlorobenzene
Concen: 50.339 ug/l
RT: 13.787 min Scan# 4113
Delta R.T. 0.007 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

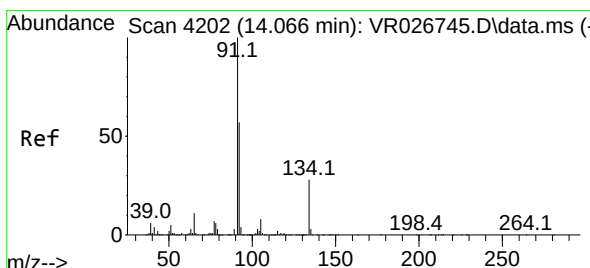
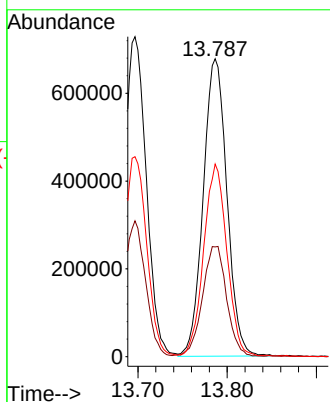
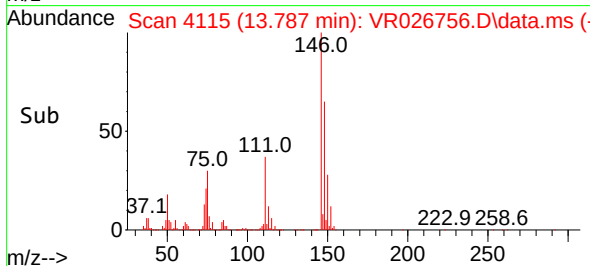
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



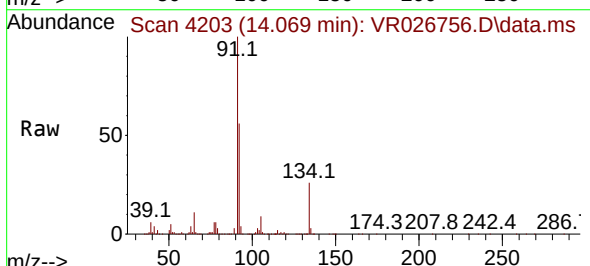
Tgt Ion:146 Resp: 1249660
Ion Ratio Lower Upper
146 100
111 37.7 18.6 55.6
148 62.8 31.5 94.5

Manual Integrations
APPROVED

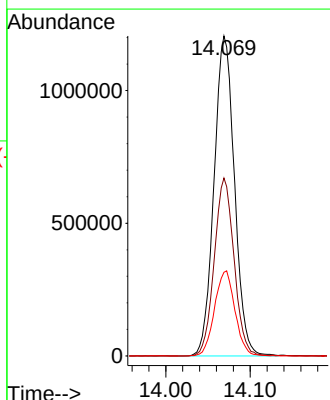
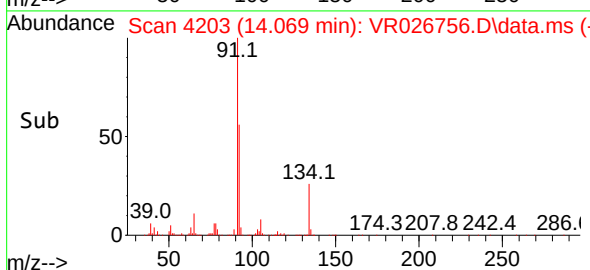
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

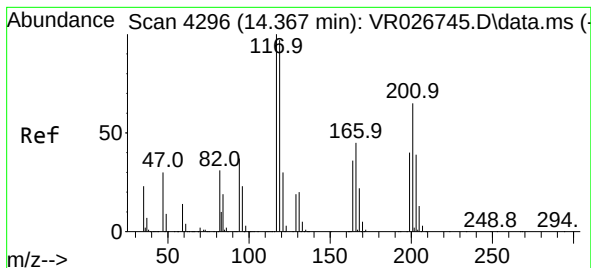


#88
n-Butylbenzene
Concen: 51.252 ug/l
RT: 14.069 min Scan# 4203
Delta R.T. 0.003 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53



Tgt Ion: 91 Resp: 2025505
Ion Ratio Lower Upper
91 100
92 53.9 27.7 83.0
134 26.6 13.5 40.5





#89

Hexachloroethane

Concen: 49.654 ug/l

RT: 14.371 min Scan# 41

Delta R.T. 0.004 min

Lab File: VR026756.D

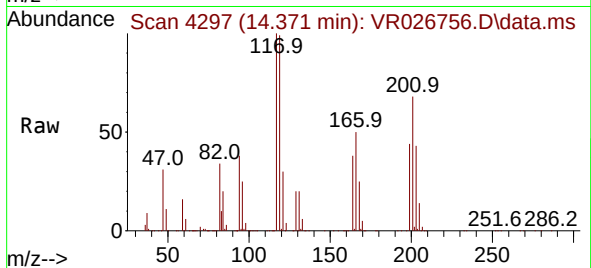
Acq: 21 Aug 2025 14:53

Instrument :

MSVOA_R

ClientSampleId :

VSTDCCC050EC



Tgt Ion:117 Resp: 445475

Ion Ratio Lower Upper

117 100

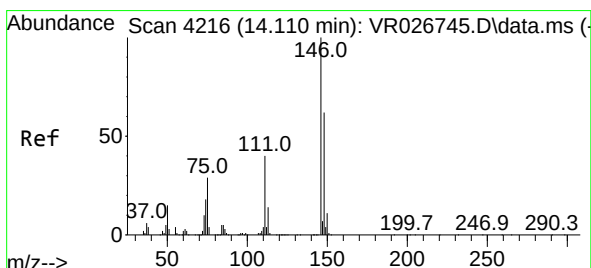
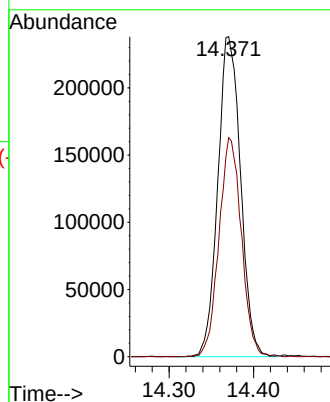
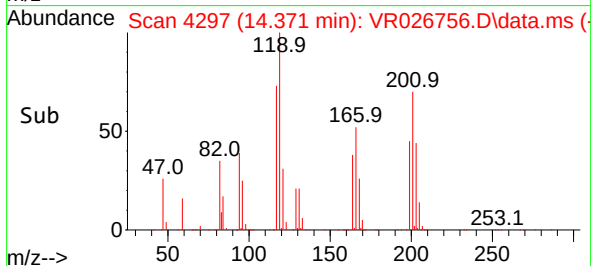
201 67.0 33.3 99.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#90

1,2-Dichlorobenzene

Concen: 50.862 ug/l

RT: 14.117 min Scan# 4218

Delta R.T. 0.007 min

Lab File: VR026756.D

Acq: 21 Aug 2025 14:53

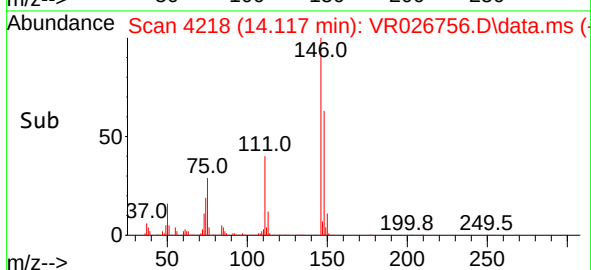
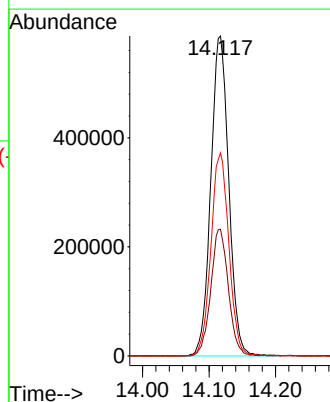
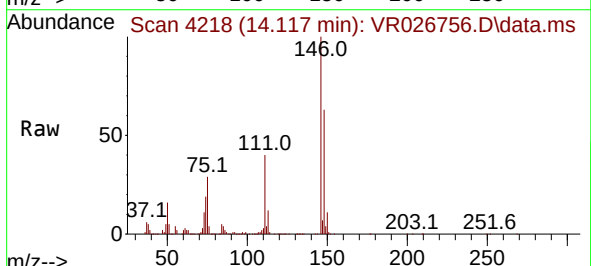
Tgt Ion:146 Resp: 1100640

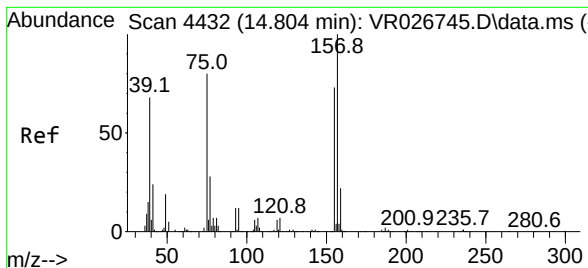
Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

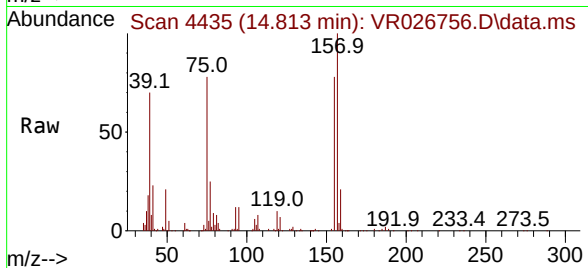
148 63.5 31.5 94.5





#91
 1,2-Dibromo-3-Chloropropane
 Concen: 50.710 ug/l
 RT: 14.813 min Scan# 4435
 Delta R.T. 0.009 min
 Lab File: VR026756.D
 Acq: 21 Aug 2025 14:53

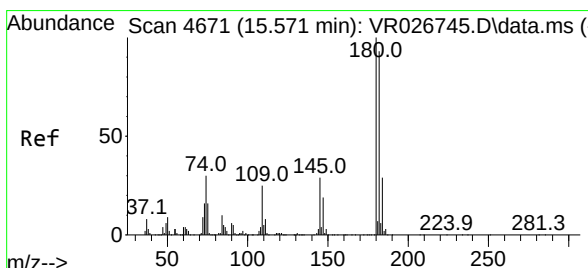
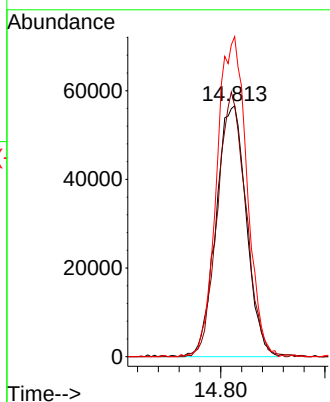
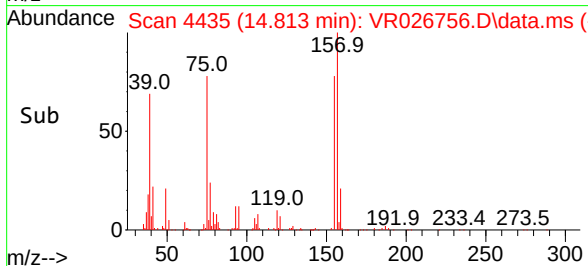
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC



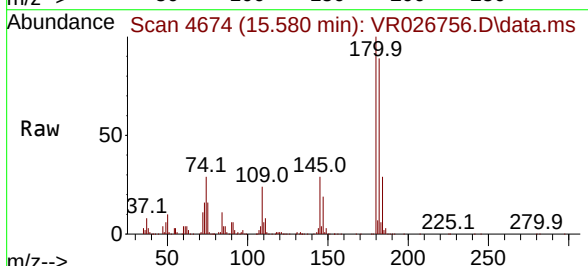
Tgt Ion: 75 Resp: 114099
 Ion Ratio Lower Upper
 75 100
 155 99.3 48.4 145.3
 157 126.7 62.3 186.8

Manual Integrations
 APPROVED

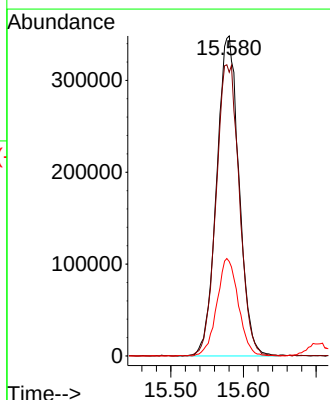
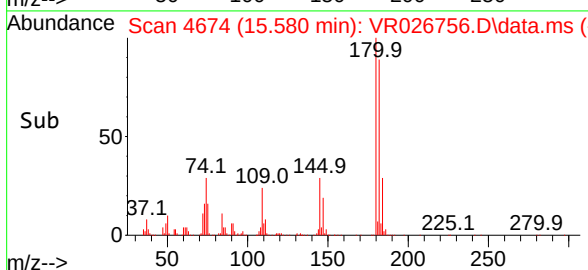
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025

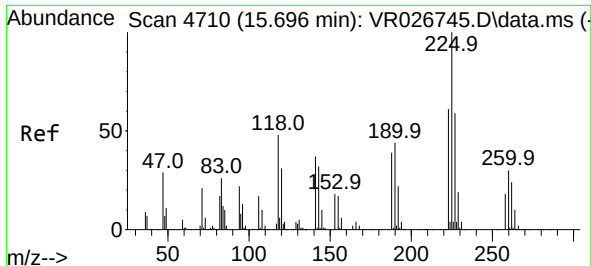


#92
 1,2,4-Trichlorobenzene
 Concen: 52.395 ug/l
 RT: 15.580 min Scan# 4674
 Delta R.T. 0.010 min
 Lab File: VR026756.D
 Acq: 21 Aug 2025 14:53



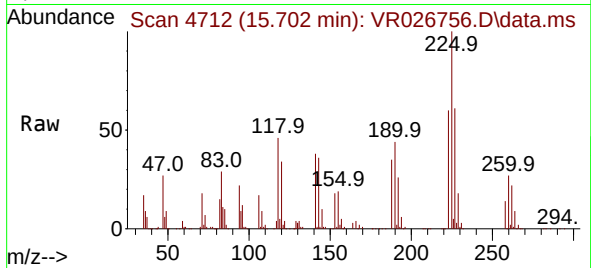
Tgt Ion:180 Resp: 744939
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.1 141.4
 145 29.3 14.4 43.4





#93
Hexachlorobutadiene
Concen: 54.755 ug/l
RT: 15.702 min Scan# 4710
Delta R.T. 0.007 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

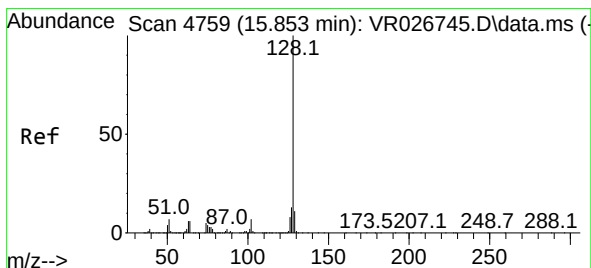
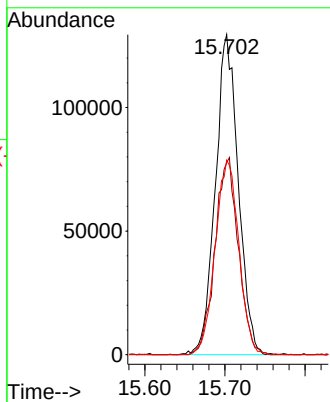
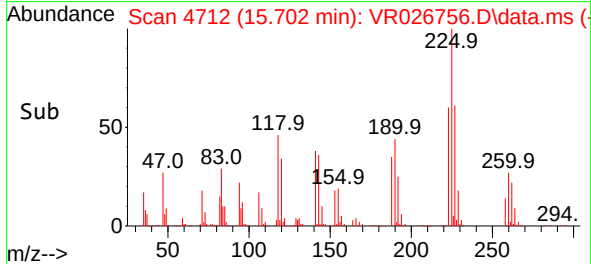
Instrument :
MSVOA_R
ClientSampleId :
VSTDCCC050EC



Tgt Ion:225 Resp: 256590
Ion Ratio Lower Upper
225 100
223 62.7 31.5 94.5
227 63.0 31.3 93.8

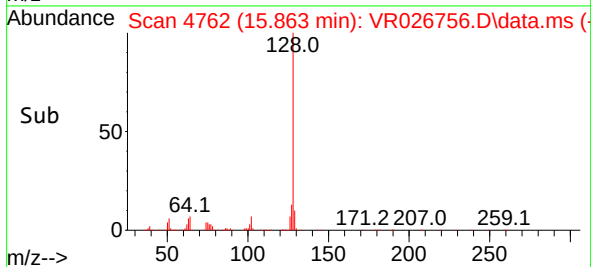
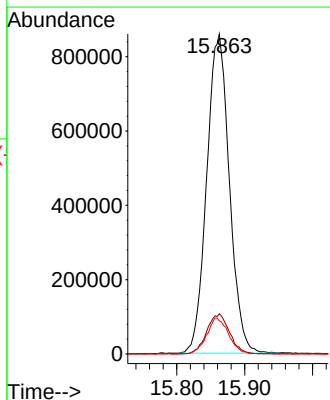
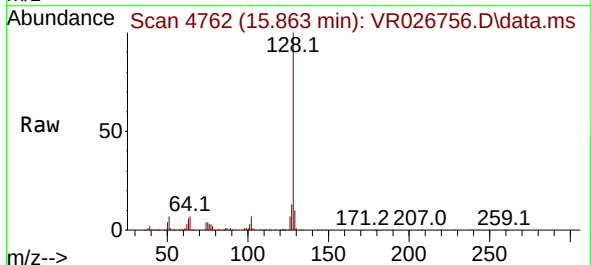
Manual Integrations
APPROVED

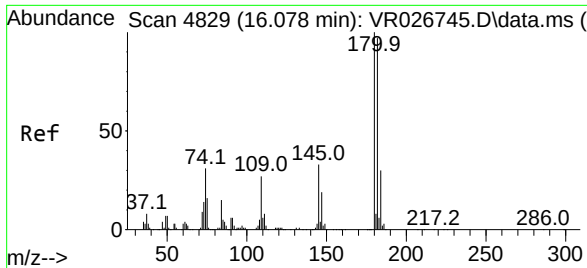
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#94
Naphthalene
Concen: 48.966 ug/l
RT: 15.863 min Scan# 4762
Delta R.T. 0.010 min
Lab File: VR026756.D
Acq: 21 Aug 2025 14:53

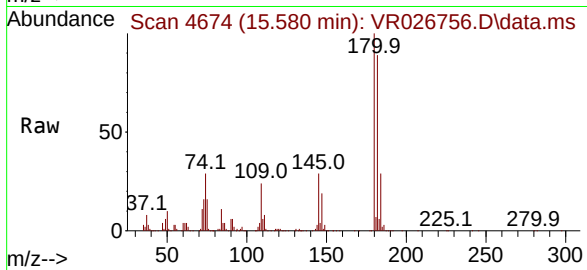
Tgt Ion:128 Resp: 1990633
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.9 8.7 13.1





#95
 1,2,3-Trichlorobenzene
 Concen: 53.998 ug/l
 RT: 15.580 min Scan# 40
 Delta R.T. -0.497 min
 Lab File: VR026756.D
 Acq: 21 Aug 2025 14:53

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:180 Resp: 744939
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.5 142.6
 145 29.3 15.6 46.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025

