

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
 Data File : VU063522.D
 Acq On : 17 Jul 2025 13:13
 Operator : MD/SY
 Sample : VU0717WBSD01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0717WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

Quant Time: Jul 18 04:11:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.097	96	21661	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	8475	1.033	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	8367	1.103	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	12499	1.957	ug/l	98
3) Chloromethane	1.518	50	13003	2.190	ug/l	99
4) Vinyl Chloride	1.599	62	15770	2.086	ug/l	97
5) Bromomethane	1.846	94	13288	2.330	ug/l	98
6) Chloroethane	1.923	64	9681	2.120	ug/l	99
7) Trichlorofluoromethane	2.126	101	23147	2.132	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	12255	2.160	ug/l	99
9) 1,1-Dichloroethene	2.566	96	11828	2.103	ug/l	95
10) Iodomethane	2.708	142	8884	1.876	ug/l	99
11) Allyl Chloride	2.907	41	16934	2.084	ug/l	90
12) Acrylonitrile	3.309	53	5855	4.163	ug/l	94
13) Acetone	2.618	43	11698	10.381	ug/l	97
14) Carbon Disulfide	2.779	76	34405	1.894	ug/l	97
15) Methylene Chloride	3.026	84	15282	2.308	ug/l	94
16) trans-1,2-Dichloroethene	3.335	96	13484	2.111	ug/l	98
17) 1,1-Dichloroethane	3.849	63	25505	2.155	ug/l	99
18) 2-Butanone	4.718	43	18247	10.456	ug/l	95
19) Cyclohexane	5.357	56	21549	2.150	ug/l	98
20) Methylcyclohexane	6.740	83	18558	1.905	ug/l	98
21) 2,2-Dichloropropane	4.644	77	20534	2.037	ug/l	100
22) cis-1,2-Dichloroethene	4.647	96	14692	2.120	ug/l	98
23) Diethyl Ether	2.370	59	9212	2.150	ug/l	95
24) tert-Butyl Alcohol	3.197	59	10881	21.035	ug/l	96
25) Methyl tert-Butyl Ether	3.361	73	31736	2.162	ug/l	97
26) Bromochloromethane	4.955	128	6089	2.104	ug/l	92
27) Chloroform	5.068	83	26421	2.187	ug/l	98
28) 1,1,1-Trichloroethane	5.293	97	21787	2.125	ug/l	99
29) 1,1-Dichloropropene	5.502	75	21238	2.236	ug/l	99
30) Carbon Tetrachloride	5.499	117	16882	2.046	ug/l	94
31) Isopropyl Ether	3.994	45	39443	2.207	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	35419	2.142	ug/l	96
33) Tert-Amyl methyl ether	5.943	73	25195	1.756	ug/l	99
34) Propionitrile	4.782	54	6040	11.359	ug/l	# 95
35) Benzene	5.753	78	45875	1.798	ug/l	99
36) 1,2-Dichloroethane	5.782	62	14343	1.809	ug/l	99
37) Trichloroethene	6.525	130	12117	1.861	ug/l	99
38) 1,2-Dichloropropane	6.782	63	11764	1.970	ug/l	96
39) Methacrylonitrile	4.972	41	4816	2.038	ug/l	94
40) Methyl acrylate	4.853	55	6941	2.009	ug/l	# 95
41) Tetrahydrofuran	5.062	42	5070	4.078	ug/l	98
42) 1-Chlorobutane	5.435	56	25415	2.013	ug/l	95
43) Dibromomethane	6.910	93	6168	1.994	ug/l	93
44) Bromodichloromethane	7.097	83	12700	1.820	ug/l	95

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Quant Time: Jul 18 04:11:50 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	32113	10.071	ug/l	100
46) t-1,4-Dichloro-2-butene	10.823	75	4288m	3.582	ug/l	
47) Methyl methacrylate	6.968	69	9711	3.737	ug/l	98
48) Ethyl methacrylate	8.335	69	9783	1.973	ug/l	100
49) Toluene	7.959	92	27325	1.961	ug/l	100
50) t-1,3-Dichloropropene	8.206	75	9349	1.708	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	12871	1.752	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	8548	2.052	ug/l	97
53) 1,3-Dichloropropane	8.569	76	14962	2.081	ug/l	99
54) 2-Hexanone	8.692	43	21753	10.271	ug/l	99
55) Dibromochloromethane	8.801	129	7756	1.762	ug/l	96
56) 1,2-Dibromoethane	8.917	107	7538	2.022	ug/l	99
58) Tetrachloroethene	8.544	164	11718	1.967	ug/l	96
59) Chlorobenzene	9.441	112	31422	1.964	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	9309	1.809	ug/l	98
61) Pentachloroethane	11.415	117	6595	1.814	ug/l	94
62) Hexachloroethane	12.466	117	6118	1.699	ug/l	98
63) Ethyl Benzene	9.563	91	54379	1.975	ug/l	97
64) m/p-Xylenes	9.685	106	42437	3.965	ug/l	99
65) o-Xylene	10.094	106	20286	1.972	ug/l	96
66) Styrene	10.110	104	32779	2.000	ug/l	99
67) Bromoform	10.283	173	3723	1.647	ug/l #	97
69) Isopropylbenzene	10.476	105	51101	2.055	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	10327	2.038	ug/l	97
71) 1,2,3-Trichloropropane	10.817	75	7171m	1.742	ug/l	
72) Bromobenzene	10.778	156	12879	2.007	ug/l	95
73) n-propylbenzene	10.897	120	15141	2.023	ug/l	95
74) 2-Chlorotoluene	10.978	126	13109	1.982	ug/l	95
75) 1,3,5-Trimethylbenzene	11.081	105	47178	1.986	ug/l	99
76) 4-Chlorotoluene	11.090	126	13659	2.033	ug/l	99
77) tert-Butylbenzene	11.412	119	45406	2.000	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	47334	2.009	ug/l	97
79) sec-Butylbenzene	11.634	105	62131	2.030	ug/l	98
80) Nitrobenzene	13.219	77	815m	10.269	ug/l	
81) p-Isopropyltoluene	11.785	119	51424	2.012	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	26072	2.031	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	25409	1.977	ug/l	95
84) n-Butylbenzene	12.203	91	49653	2.095	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	23948	1.985	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.991	75	1326	2.003	ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	15210	2.028	ug/l	98
88) Hexachlorobutadiene	14.013	225	8359	1.962	ug/l	100
89) Naphthalene	14.087	128	28386	2.112	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	14091	2.033	ug/l	98

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

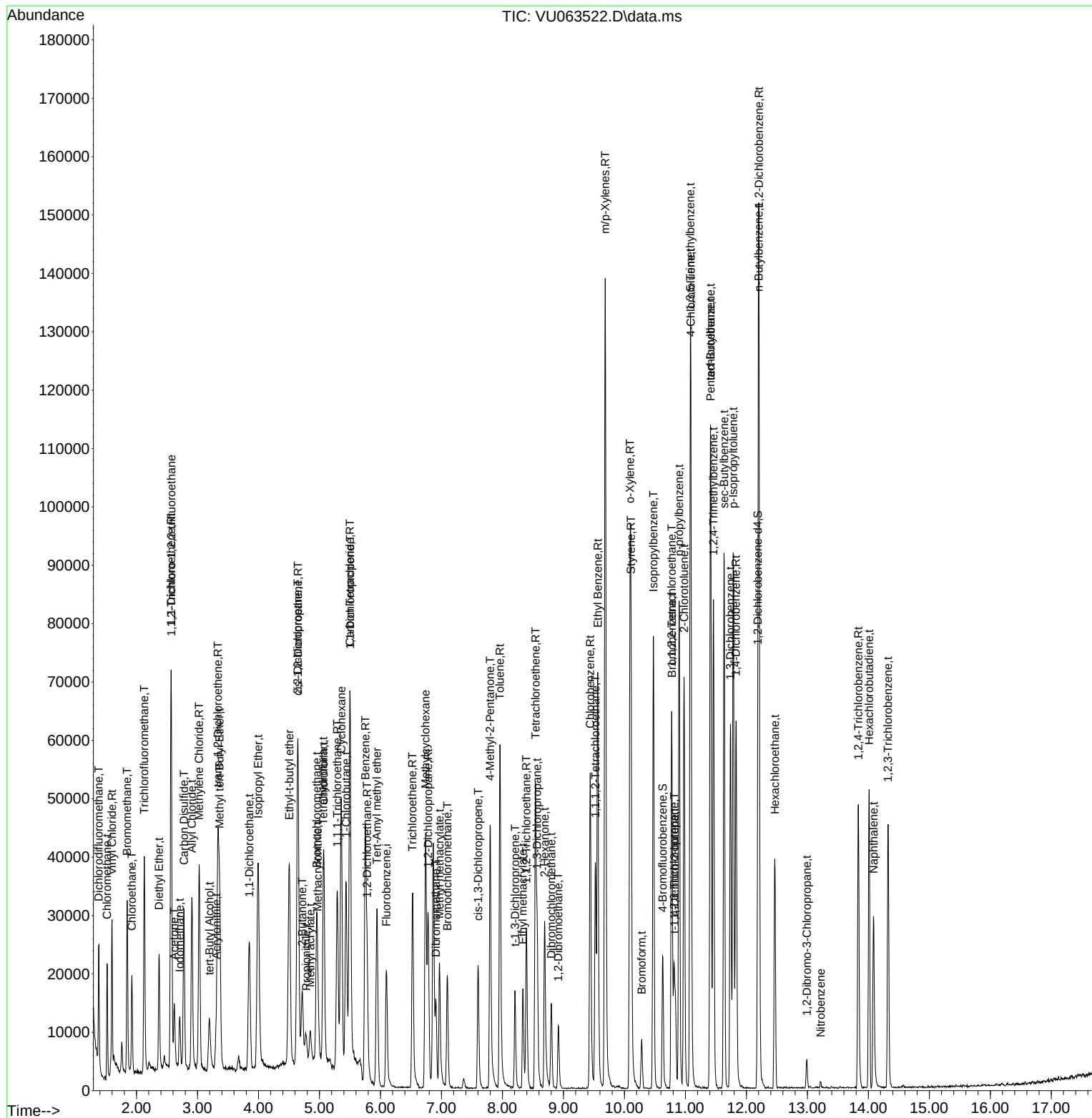
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 Data File : VU063522.D
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 Sample : VU0717WBSD01
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 ALS Vial : 6 Sample Multiplier: 1

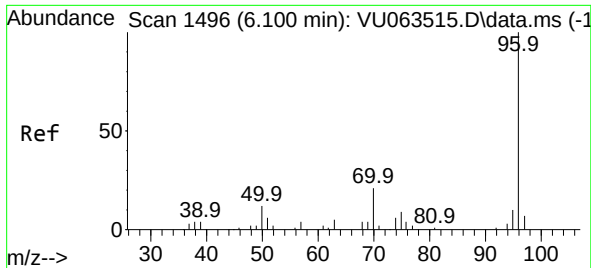
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0717WBSD01

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 Supervised By :Semsettin Yesilyurt 07/21/2025

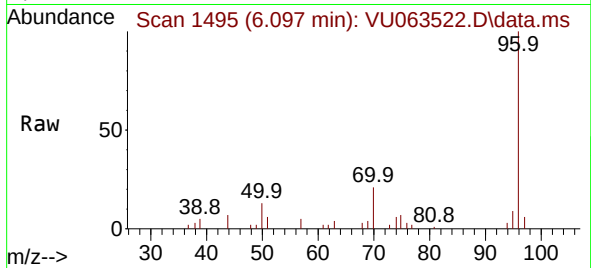
Quant Time: Jul 18 04:11:50 2025
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 1496
Delta R.T. -0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

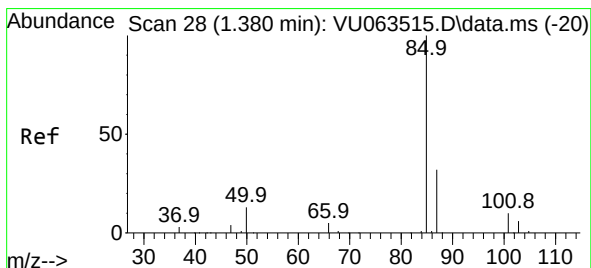
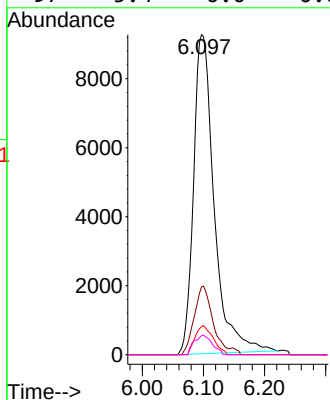
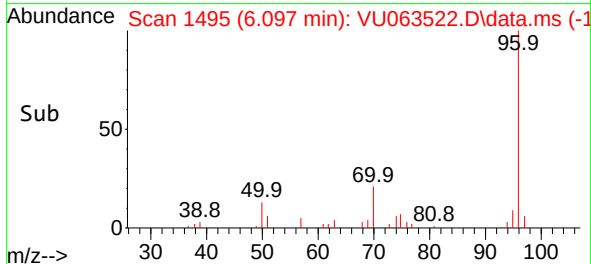
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



Tgt Ion: 96 Resp: 2166
Ion Ratio Lower Upper
96 100
70 17.3 15.0 22.4
95 8.0 7.4 11.0
97 5.4 0.0 0.0#

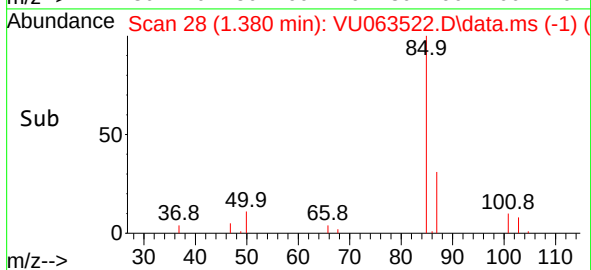
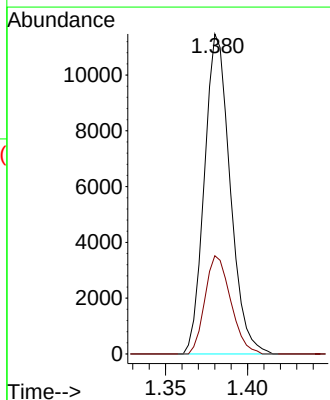
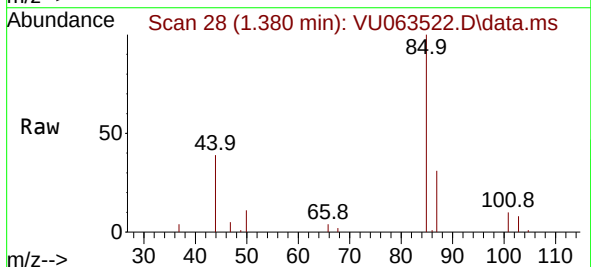
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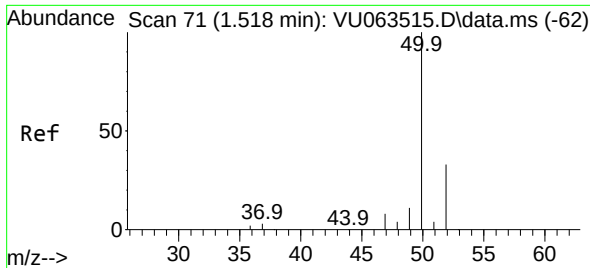
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#2
Dichlorodifluoromethane
Concen: 1.957 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

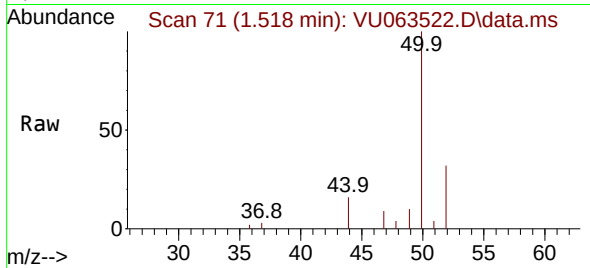
Tgt Ion: 85 Resp: 12499
Ion Ratio Lower Upper
85 100
87 30.7 16.0 47.9





#3
Chloromethane
Concen: 2.190 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

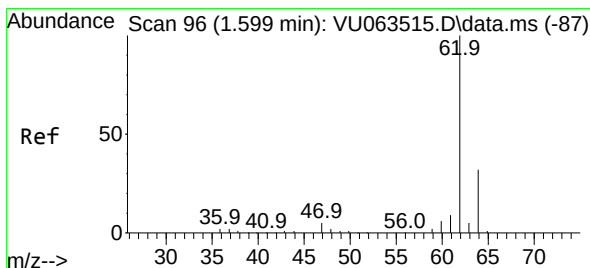
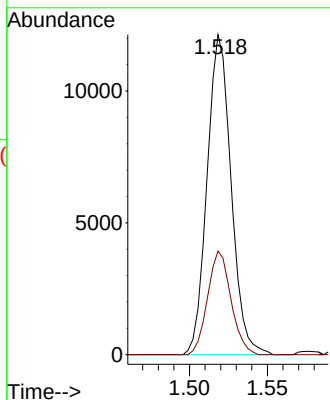
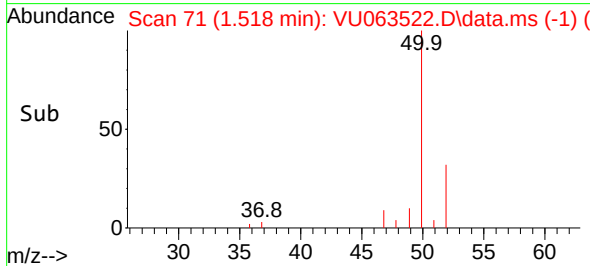
Instrument :
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Tgt Ion: 50 Resp: 1300
Ion Ratio Lower Upper
50 100
52 32.4 26.3 39.5

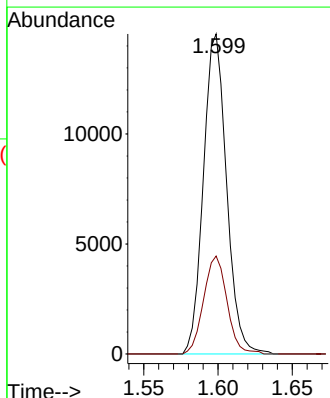
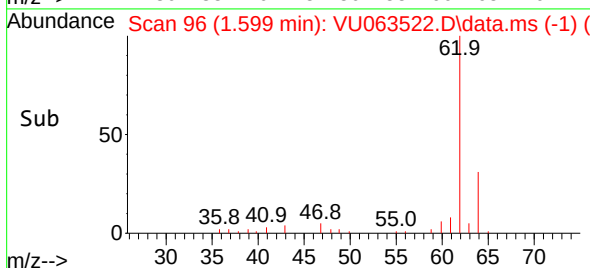
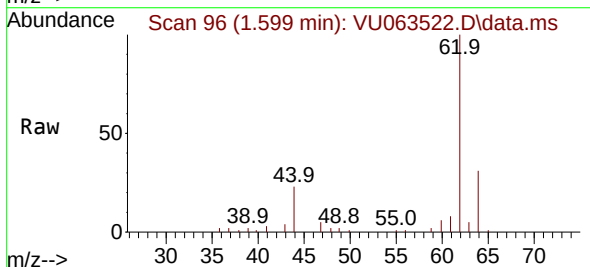
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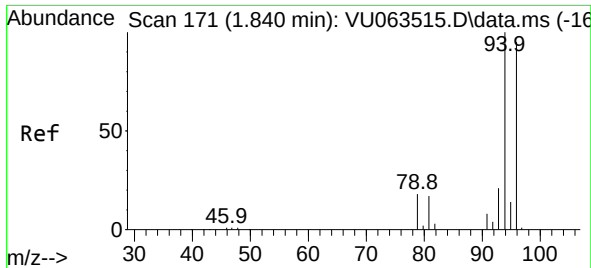
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#4
Vinyl Chloride
Concen: 2.086 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

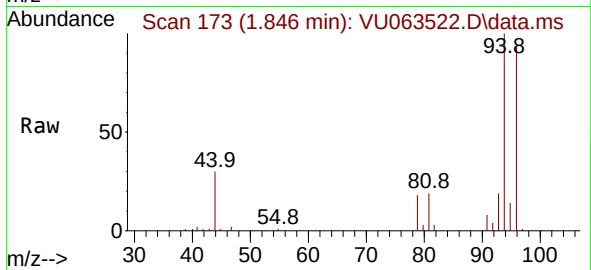
Tgt Ion: 62 Resp: 15770
Ion Ratio Lower Upper
62 100
64 30.6 25.7 38.5





#5
Bromomethane
Concen: 2.330 ug/l
RT: 1.846 min Scan# 171
Delta R.T. 0.006 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

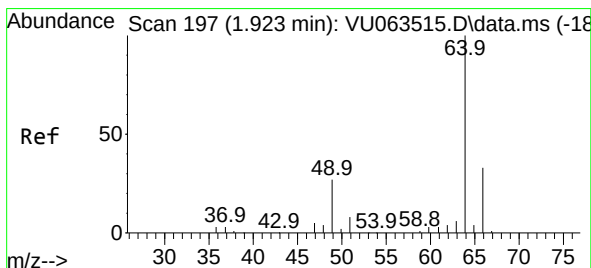
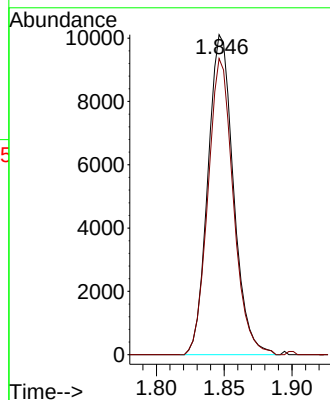
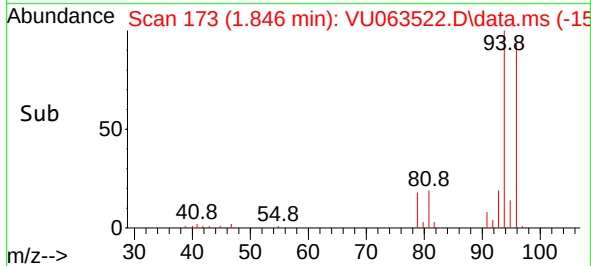
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



Tgt Ion: 94 Resp: 1328
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.6

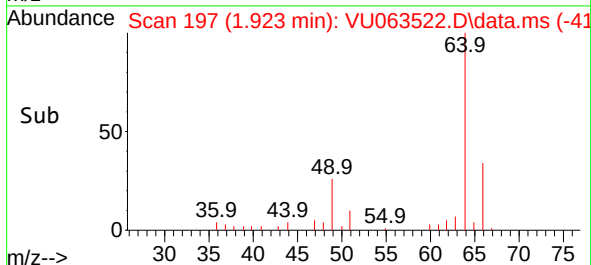
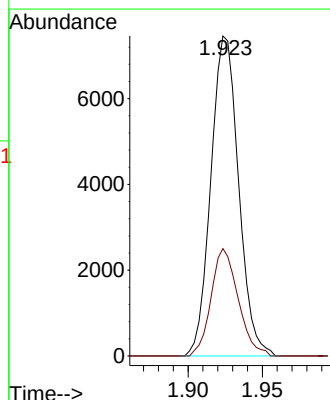
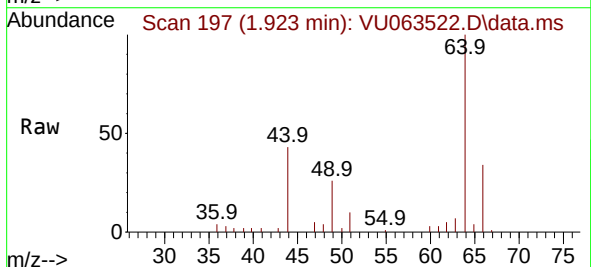
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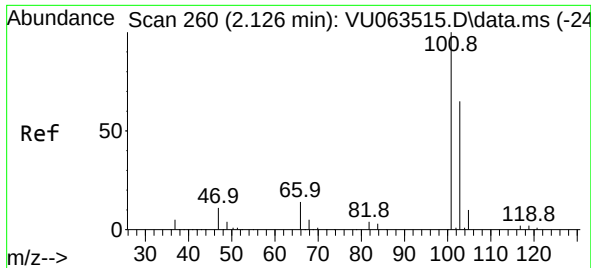
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#6
Chloroethane
Concen: 2.120 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

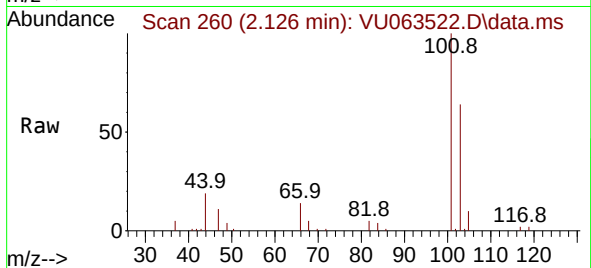
Tgt Ion: 64 Resp: 9681
Ion Ratio Lower Upper
64 100
66 33.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 2.132 ug/l
RT: 2.126 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU063522.D
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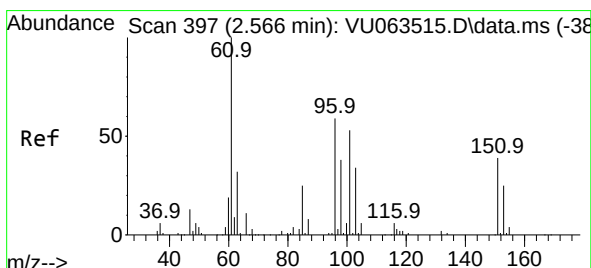
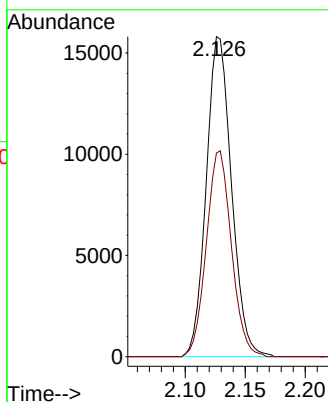
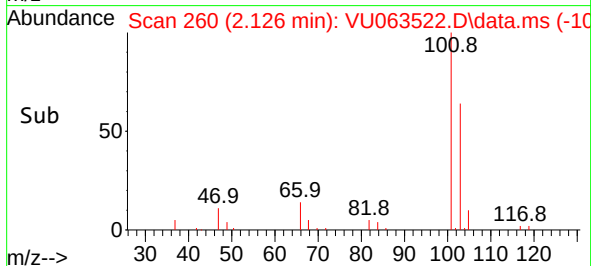
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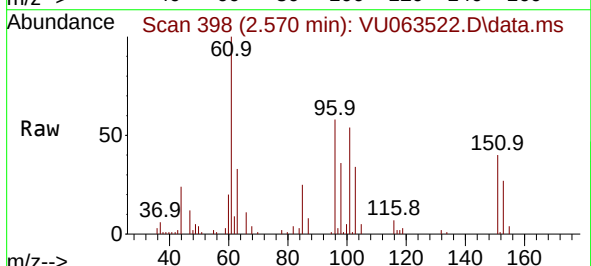
Tgt Ion:101 Resp: 2314
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.4

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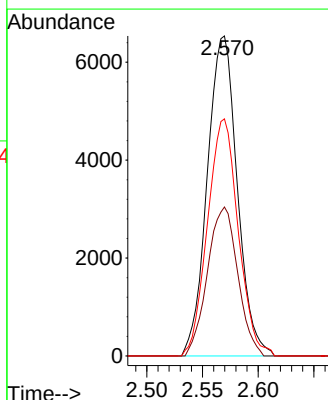
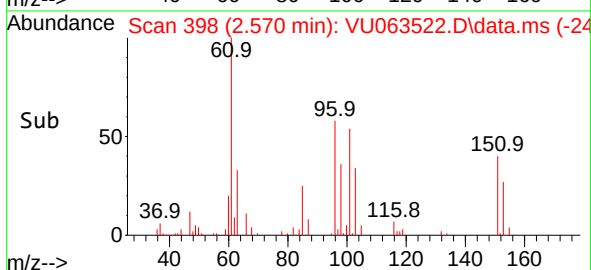
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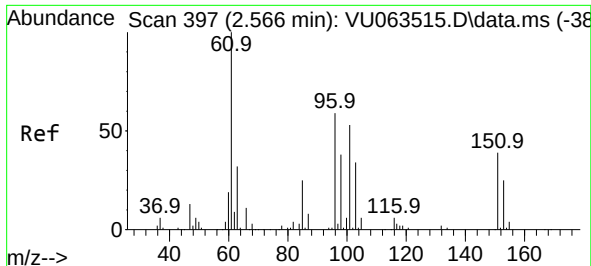


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.160 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU063522.D
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Tgt Ion:101 Resp: 12255
Ion Ratio Lower Upper
101 100
85 47.0 37.8 56.6
151 75.8 59.2 88.8





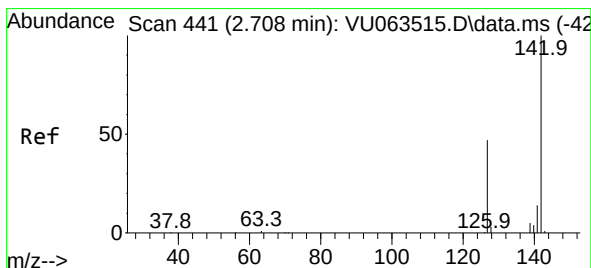
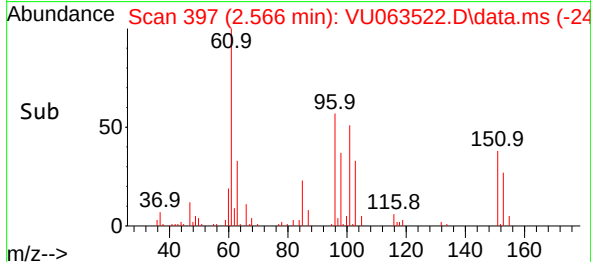
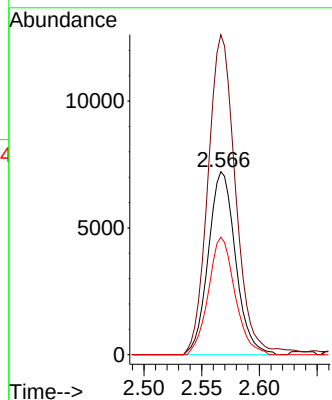
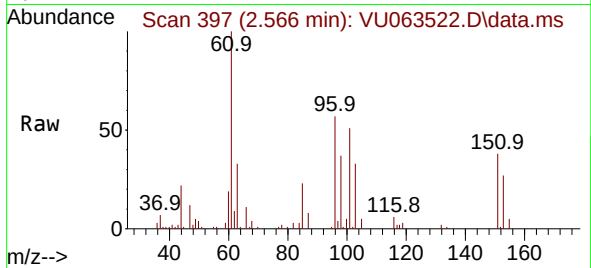
#9
1,1-Dichloroethene
Concen: 2.103 ug/l
RT: 2.566 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01

Tgt Ion: 96 Resp: 11828
Ion Ratio Lower Upper
96 100
61 174.9 0.0 504.3
98 66.0 0.0 126.8

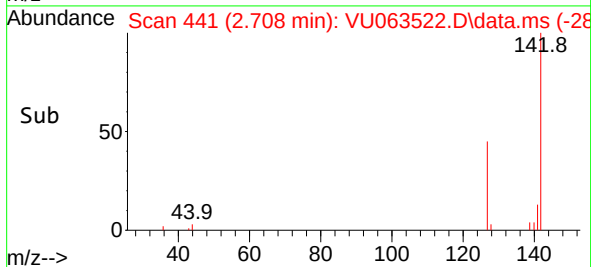
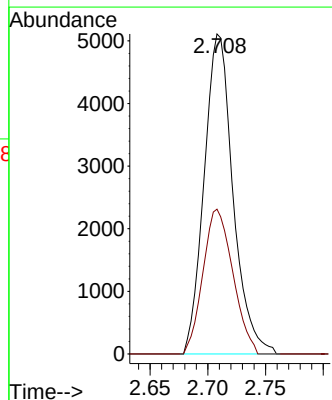
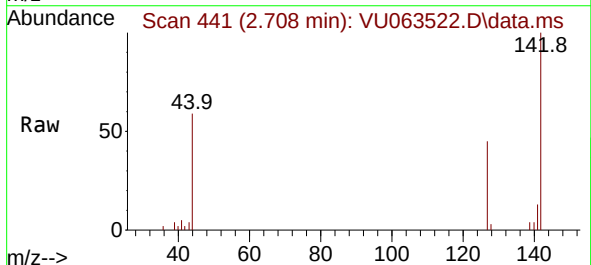
Manual Integrations
APPROVED

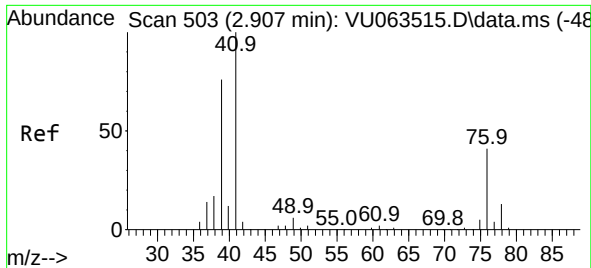
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#10
Iodomethane
Concen: 1.876 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

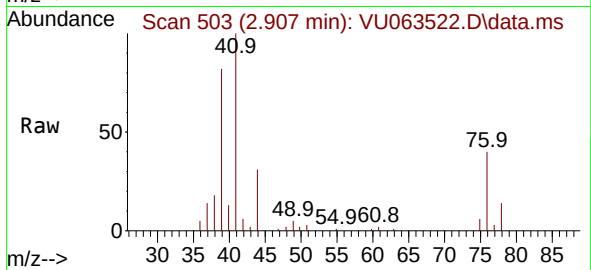
Tgt Ion:142 Resp: 8884
Ion Ratio Lower Upper
142 100
127 46.8 37.9 56.9





#11
 Allyl Chloride
 Concen: 2.084 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VU063522.D
 Acq: 17 Jul 2025 13:13

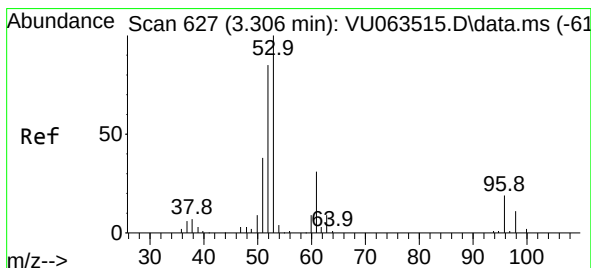
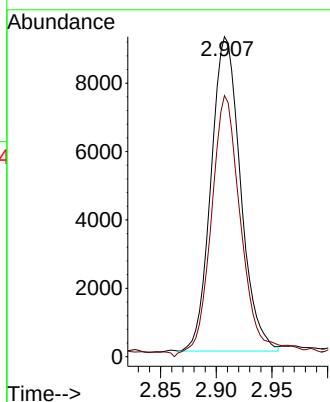
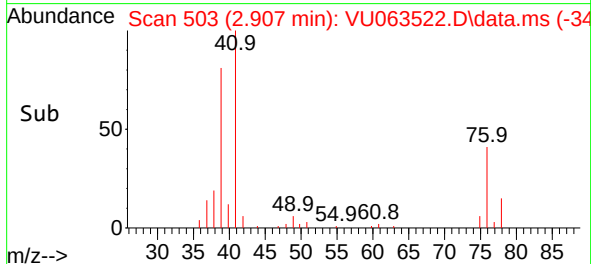
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0717WBSD01



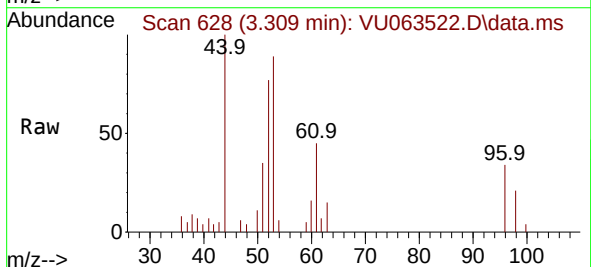
Tgt Ion: 41 Resp: 16934
 Ion Ratio Lower Upper
 41 100
 39 85.5 61.5 92.3

Manual Integrations
 APPROVED

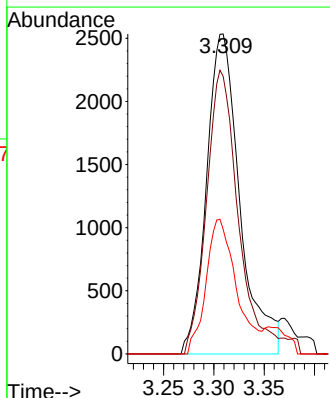
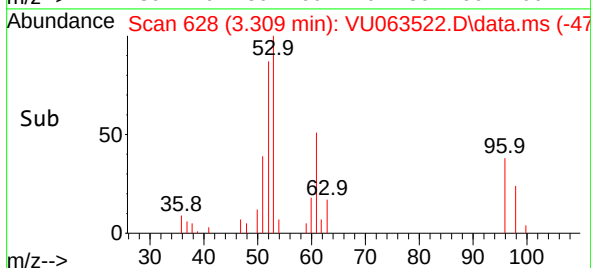
Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

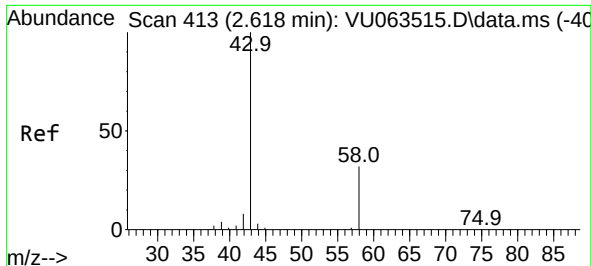


#12
 Acrylonitrile
 Concen: 4.163 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. 0.003 min
 Lab File: VU063522.D
 Acq: 17 Jul 2025 13:13



Tgt Ion: 53 Resp: 5855
 Ion Ratio Lower Upper
 53 100
 52 85.0 64.3 96.5
 51 38.5 27.8 41.8





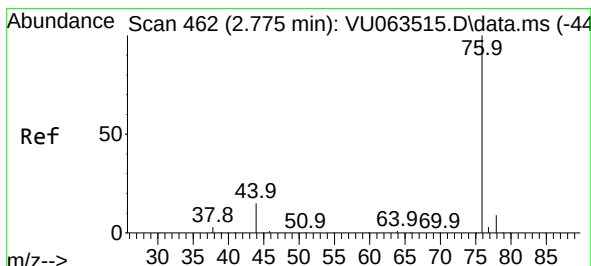
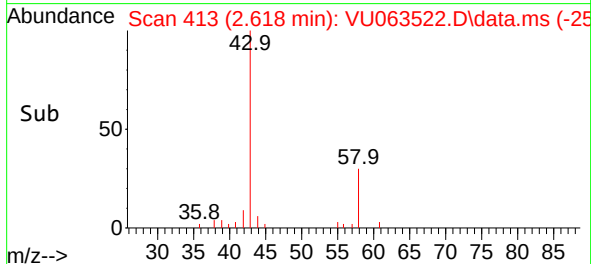
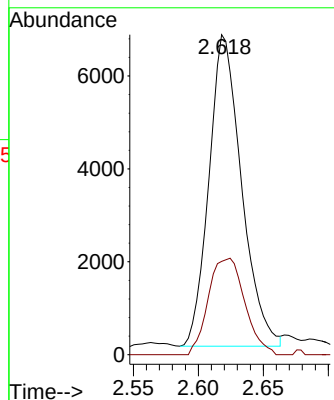
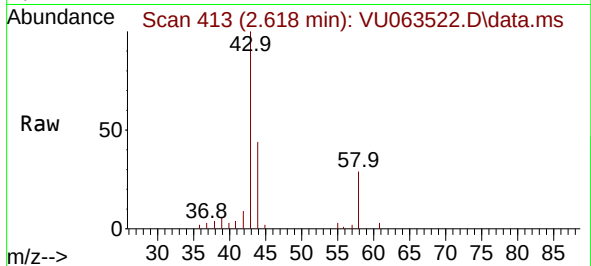
#13
Acetone
Concen: 10.381 ug/l
RT: 2.618 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01

Tgt Ion: 43 Resp: 11698
Ion Ratio Lower Upper
43 100
58 29.9 25.4 38.0

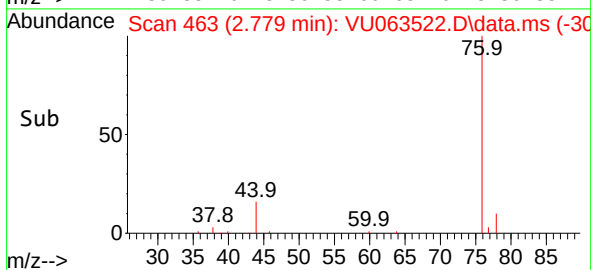
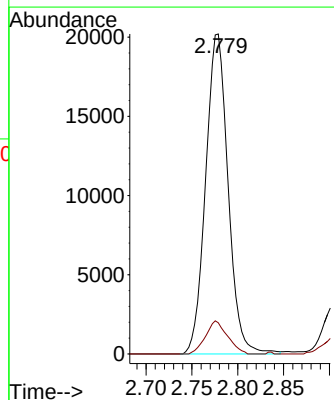
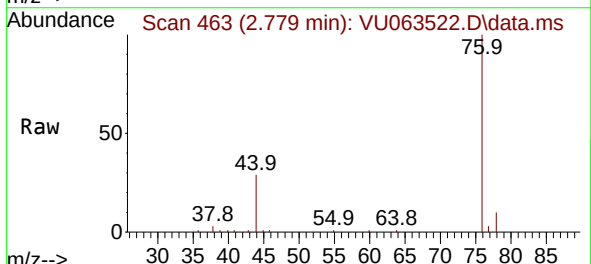
Manual Integrations
APPROVED

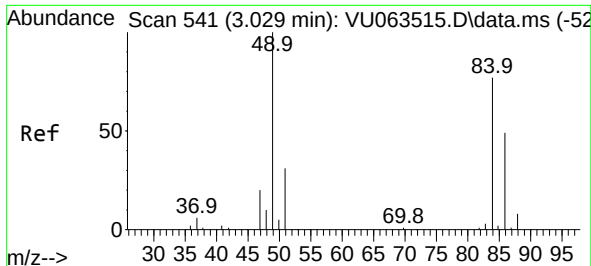
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#14
Carbon Disulfide
Concen: 1.894 ug/l
RT: 2.779 min Scan# 463
Delta R.T. 0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

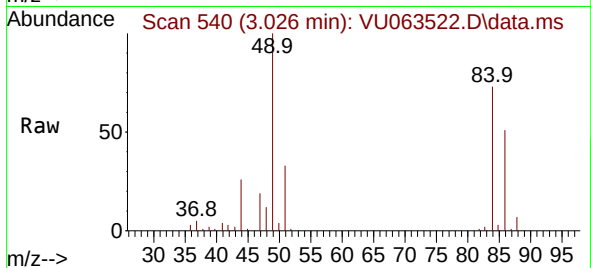
Tgt Ion: 76 Resp: 34405
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6





#15
Methylene Chloride
Concen: 2.308 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

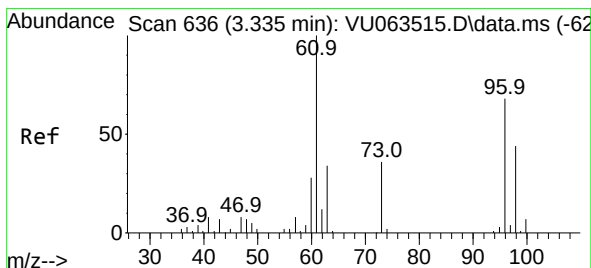
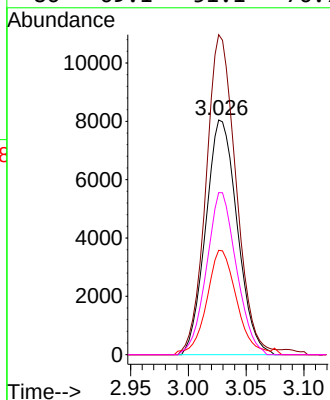
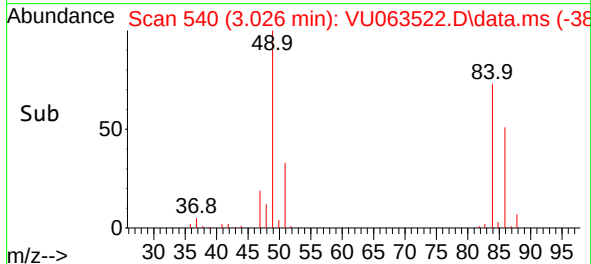
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



Tgt Ion: 84 Resp: 1528
Ion Ratio Lower Upper
84 100
49 136.3 103.8 155.8
51 43.1 0.0 80.4
86 69.1 51.1 76.7

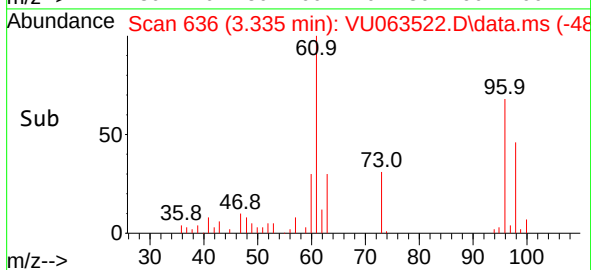
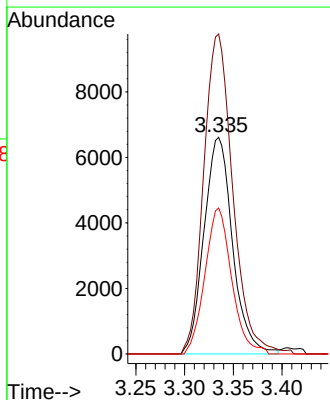
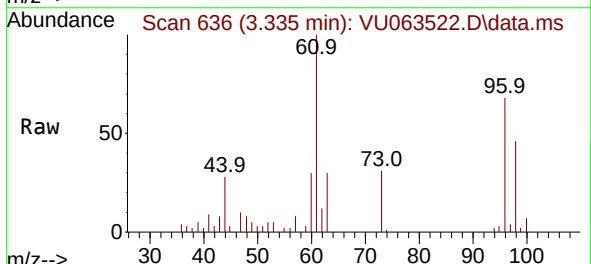
Manual Integrations
APPROVED

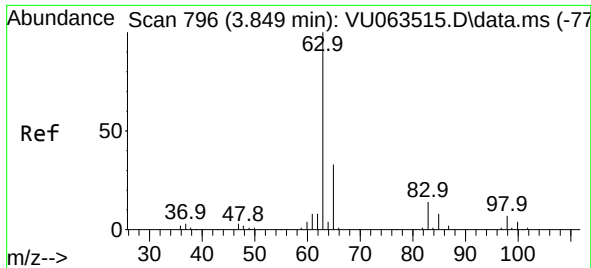
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#16
trans-1,2-Dichloroethene
Concen: 2.111 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

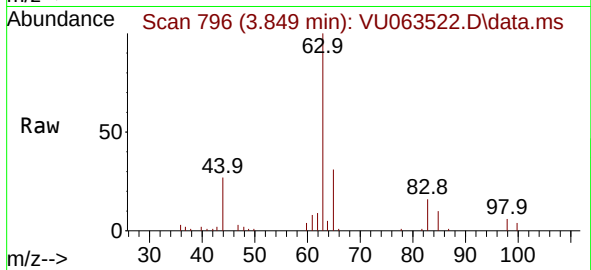
Tgt Ion: 96 Resp: 13484
Ion Ratio Lower Upper
96 100
61 147.7 117.2 175.8
98 67.3 51.4 77.2





#17
1,1-Dichloroethane
Concen: 2.155 ug/l
RT: 3.849 min Scan# 796
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

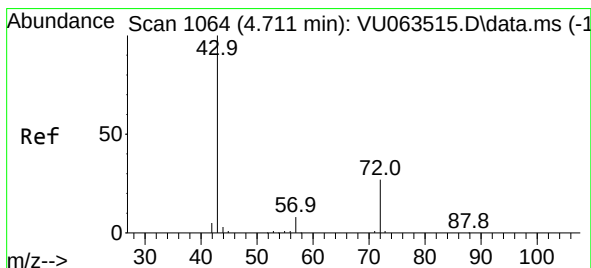
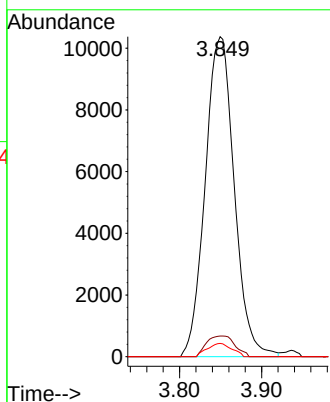
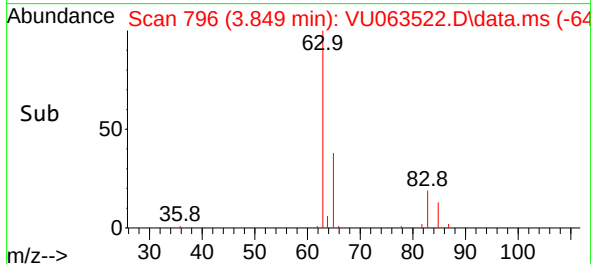
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



Tgt Ion: 63 Resp: 2550
Ion Ratio Lower Upper
63 100
98 6.5 3.4 10.2
100 4.2 2.1 6.2

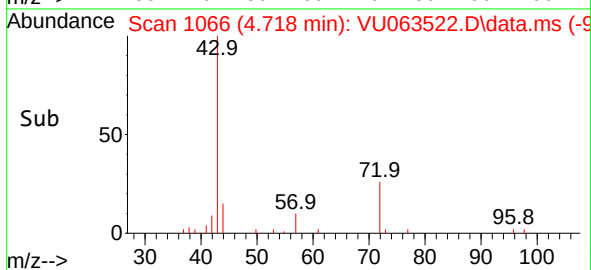
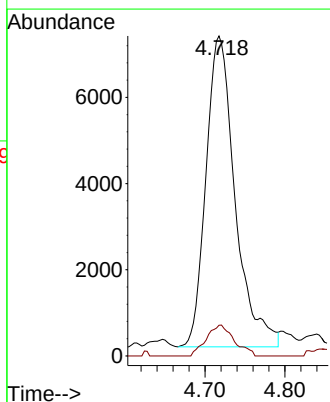
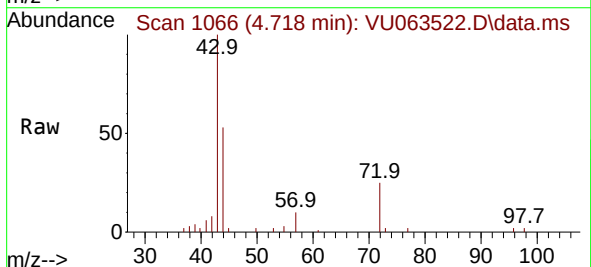
Manual Integrations
APPROVED

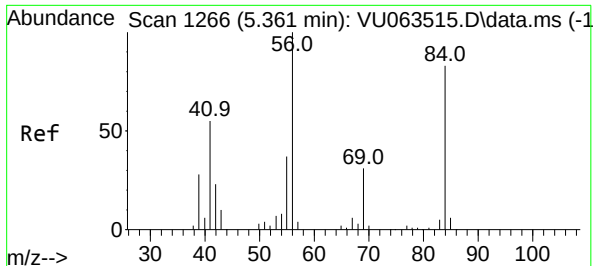
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#18
2-Butanone
Concen: 10.456 ug/l
RT: 4.718 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Tgt Ion: 43 Resp: 18247
Ion Ratio Lower Upper
43 100
57 9.9 0.0 16.4





#19

Cyclohexane

Concen: 2.150 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.003 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

Instrument :

MSVOA_U

ClientSampleId :

VU0717WBSD01

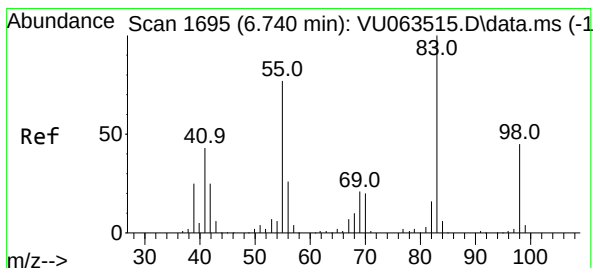
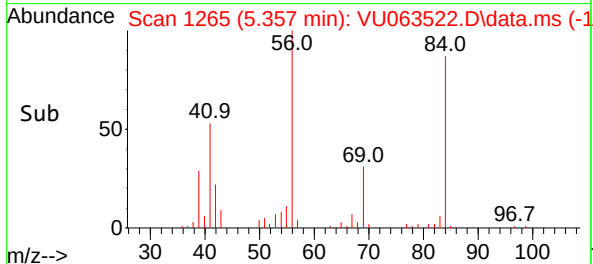
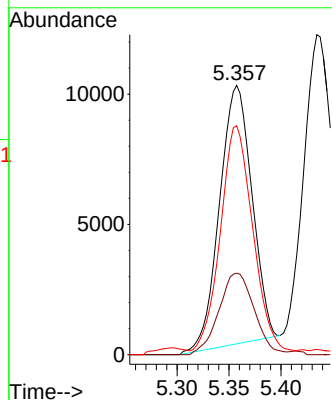
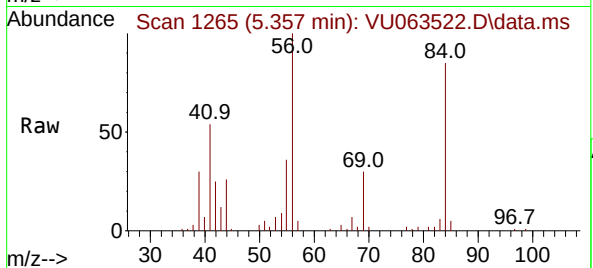
Tgt Ion: 56 Resp: 21549

Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.6	39.8
84	85.8	71.0	106.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#20

Methylcyclohexane

Concen: 1.905 ug/l

RT: 6.740 min Scan# 1695

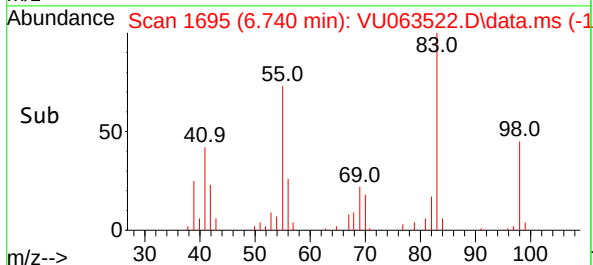
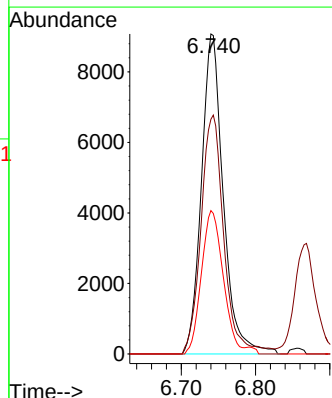
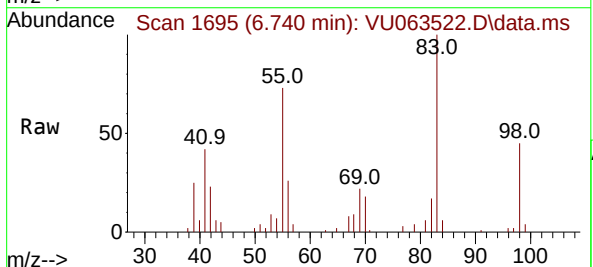
Delta R.T. 0.000 min

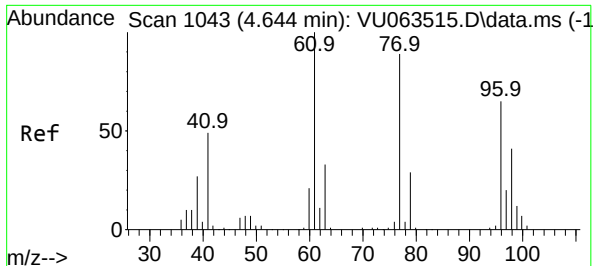
Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

Tgt Ion: 83 Resp: 18558

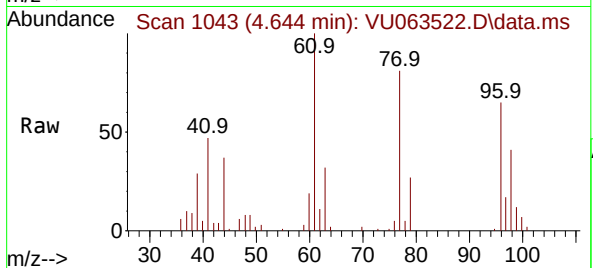
Ion	Ratio	Lower	Upper
83	100		
55	75.2	60.6	90.8
98	42.3	35.8	53.8





#21
2,2-Dichloropropane
Concen: 2.037 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

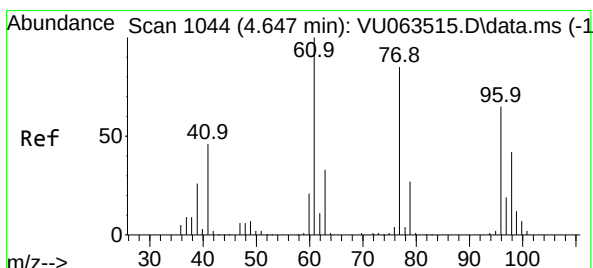
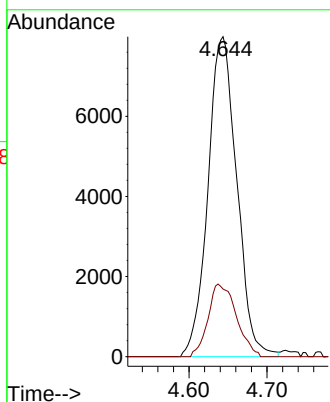
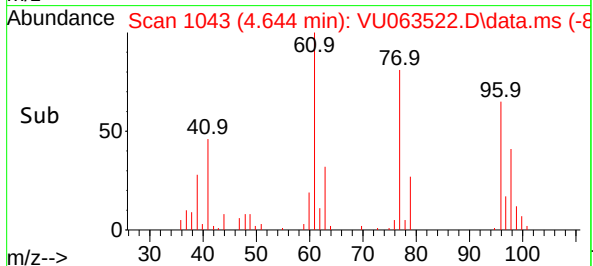
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



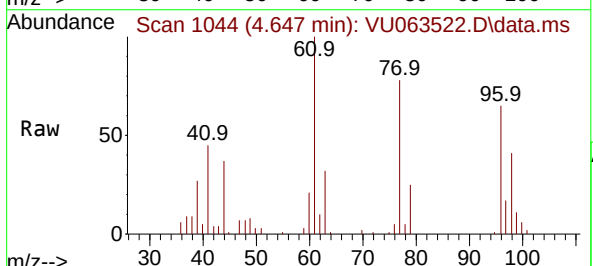
Tgt Ion: 77 Resp: 20534
Ion Ratio Lower Upper
77 100
97 22.2 17.8 26.8

Manual Integrations
APPROVED

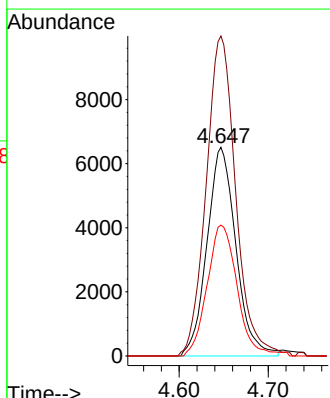
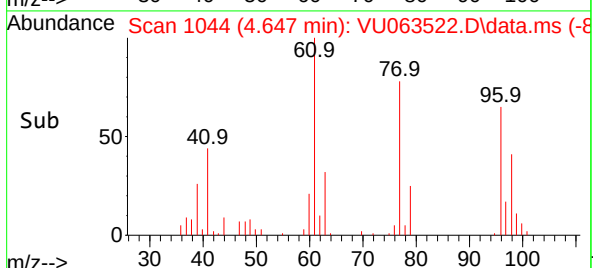
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

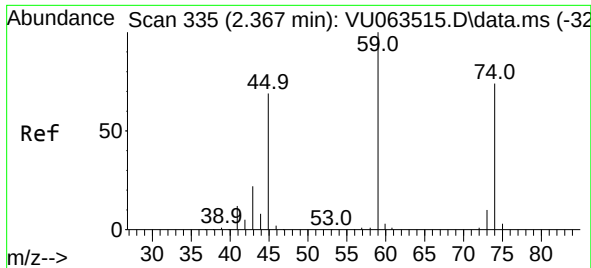


#22
cis-1,2-Dichloroethene
Concen: 2.120 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13



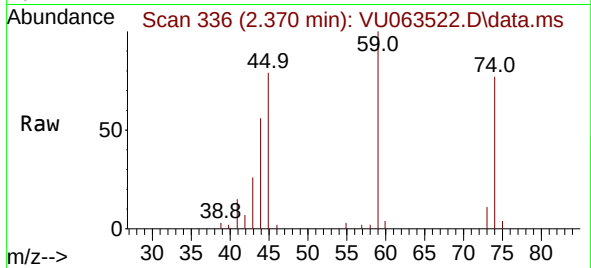
Tgt Ion: 96 Resp: 14692
Ion Ratio Lower Upper
96 100
61 156.5 0.0 384.7
98 65.0 32.1 96.3





#23
Diethyl Ether
Concen: 2.150 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

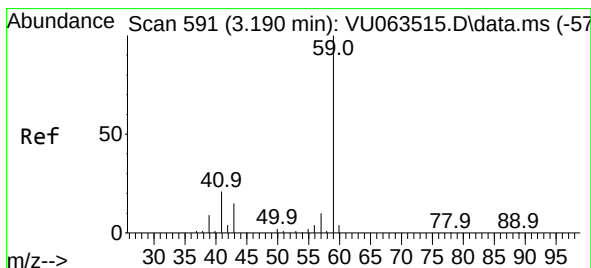
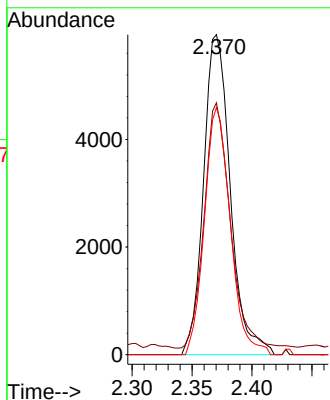
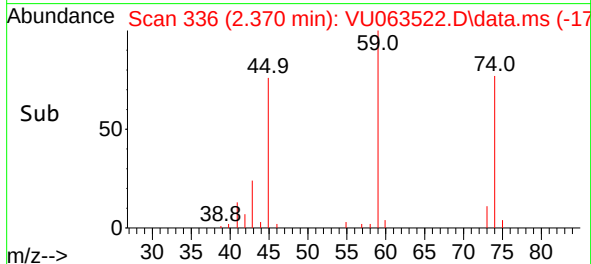
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



Tgt Ion: 59 Resp: 921
Ion Ratio Lower Upper
59 100
45 75.3 55.1 82.7
74 74.8 58.2 87.4

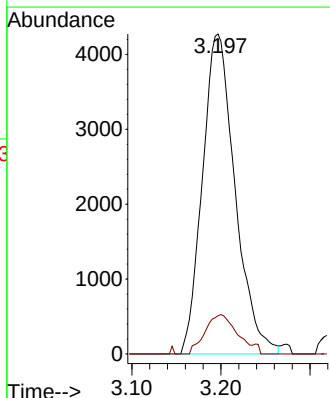
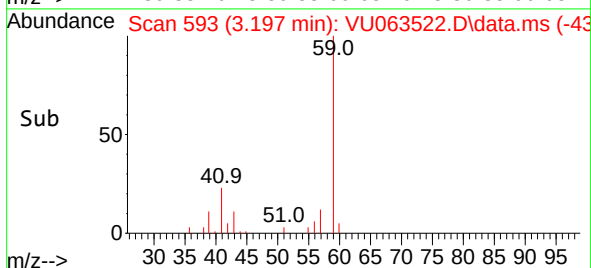
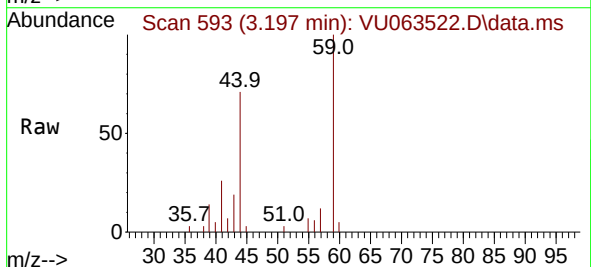
Manual Integrations
APPROVED

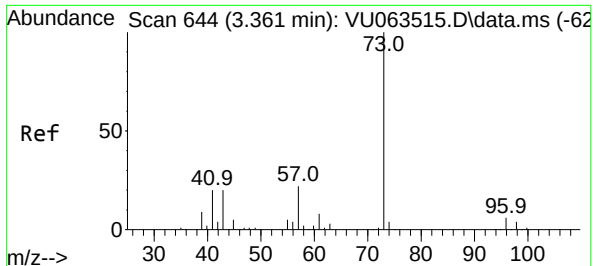
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#24
tert-Butyl Alcohol
Concen: 21.035 ug/l
RT: 3.197 min Scan# 593
Delta R.T. 0.006 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

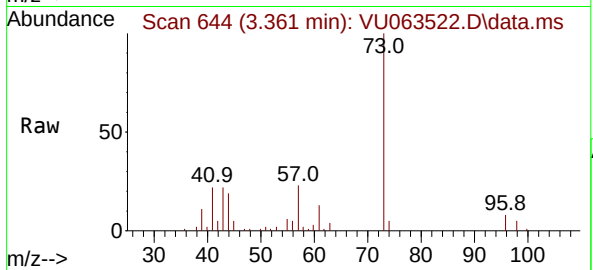
Tgt Ion: 59 Resp: 10881
Ion Ratio Lower Upper
59 100
57 12.3 8.6 12.8





#25
Methyl tert-Butyl Ether
Concen: 2.162 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

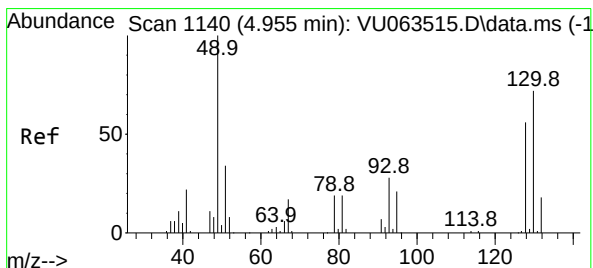
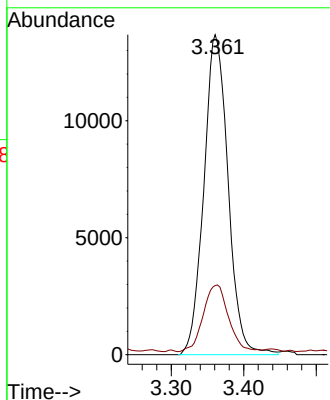
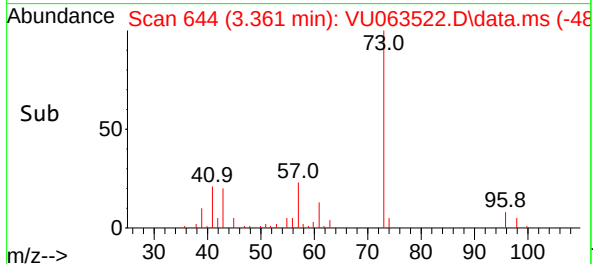
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



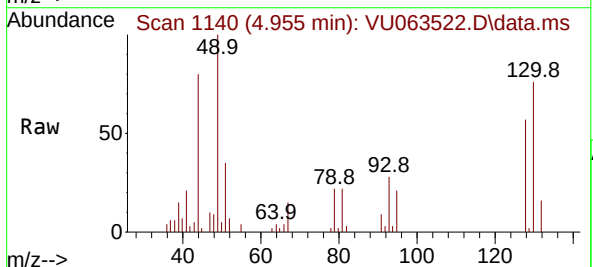
Tgt Ion: 73 Resp: 31730
Ion Ratio Lower Upper
73 100
43 21.8 16.2 24.2

Manual Integrations
APPROVED

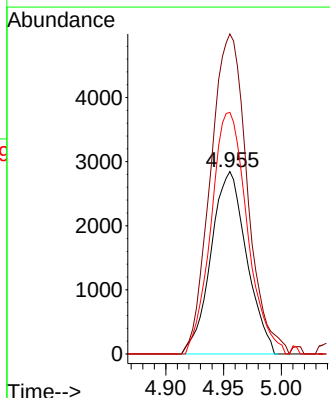
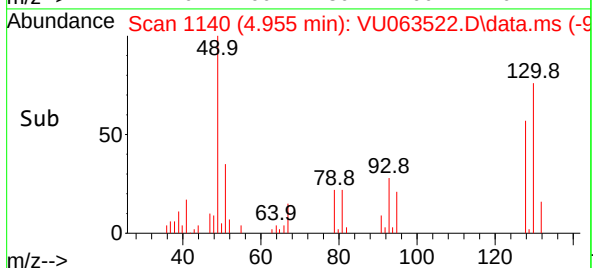
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

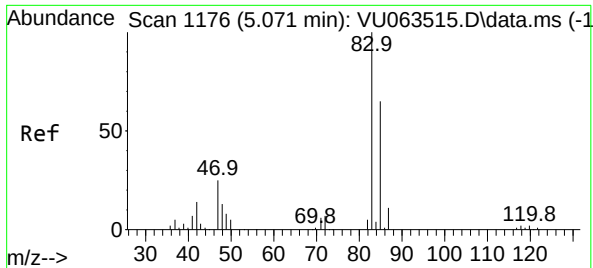


#26
Bromochloromethane
Concen: 2.104 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13



Tgt Ion:128 Resp: 6089
Ion Ratio Lower Upper
128 100
49 181.5 0.0 340.8
130 134.7 100.5 150.7





#27

Chloroform

Concen: 2.187 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

Instrument :

MSVOA_U

ClientSampleId :

VU0717WBSD01

Tgt Ion: 83 Resp: 2642

Ion Ratio Lower Upper

83 100

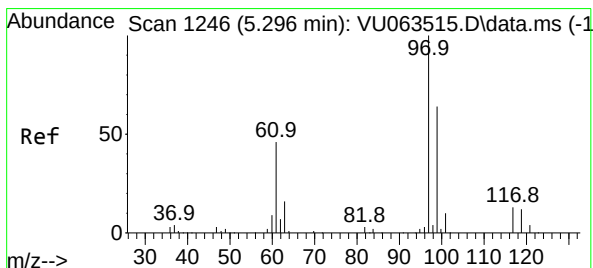
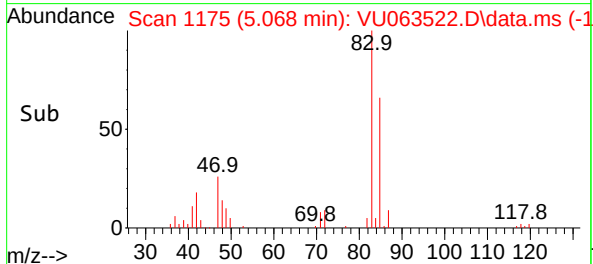
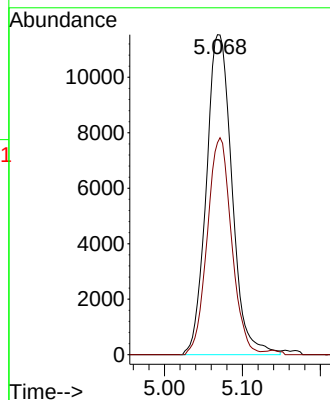
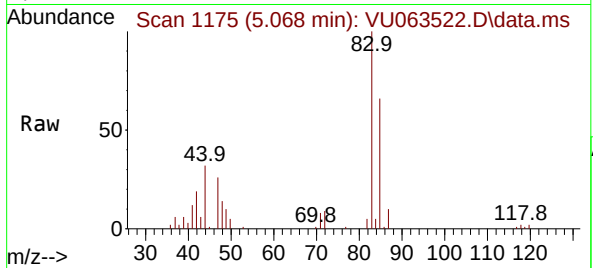
85 66.2 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#28

1,1,1-Trichloroethane

Concen: 2.125 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

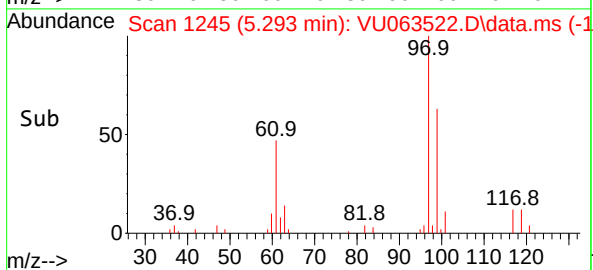
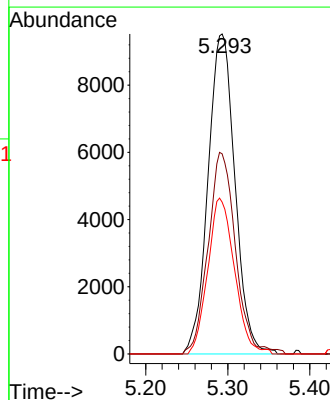
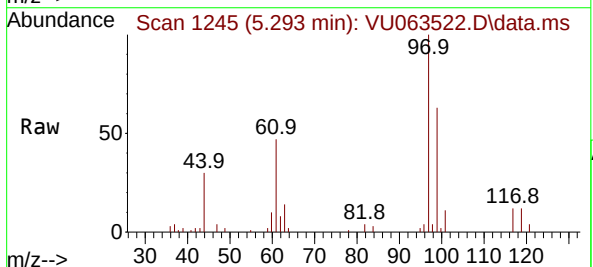
Tgt Ion: 97 Resp: 21787

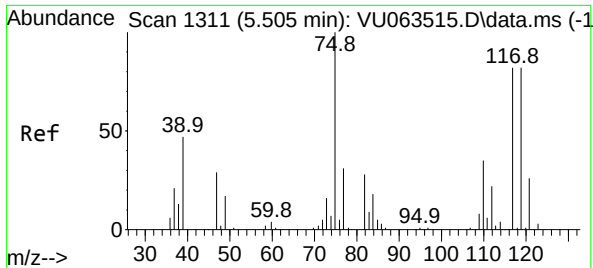
Ion Ratio Lower Upper

97 100

99 64.1 31.8 95.3

61 48.2 23.3 69.9





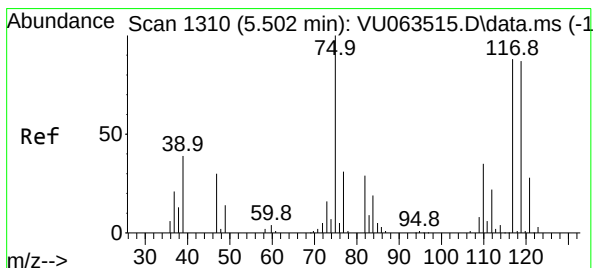
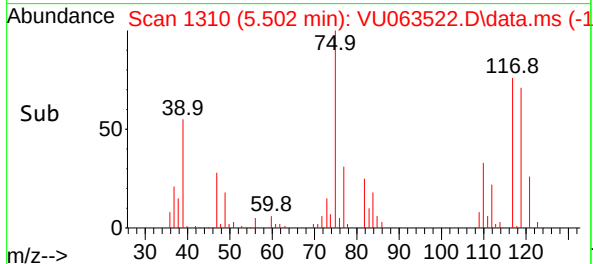
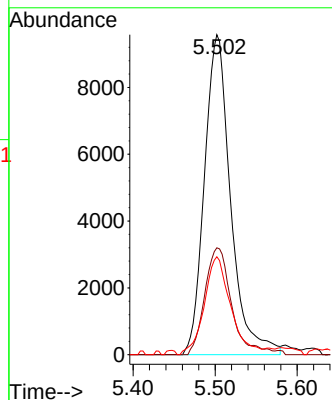
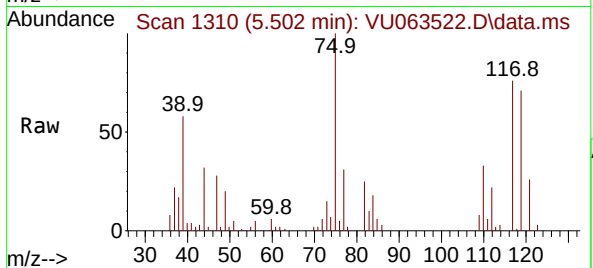
#29
1,1-Dichloropropene
Concen: 2.236 ug/l
RT: 5.502 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01

Tgt Ion: 75 Resp: 21238
Ion Ratio Lower Upper
75 100
110 34.0 17.8 53.4
77 30.7 24.6 37.0

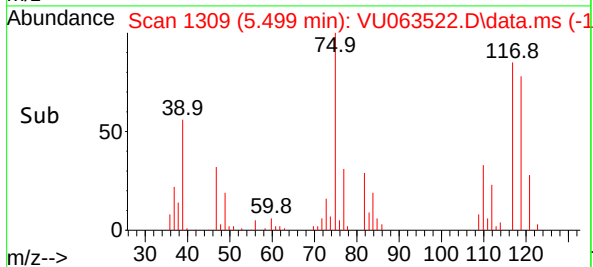
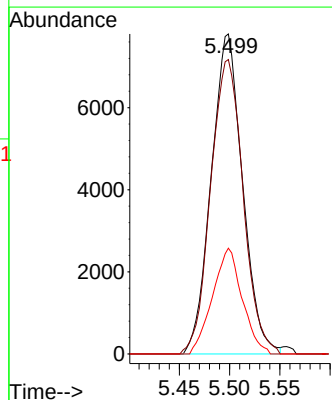
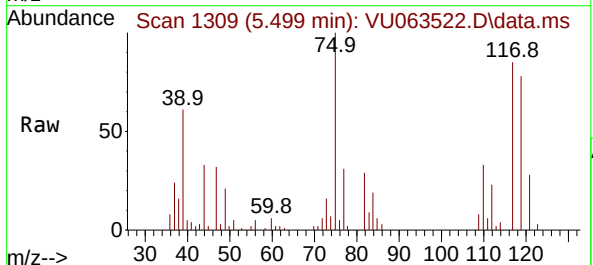
Manual Integrations
APPROVED

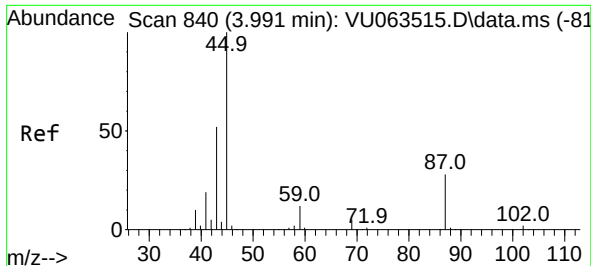
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#30
Carbon Tetrachloride
Concen: 2.046 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

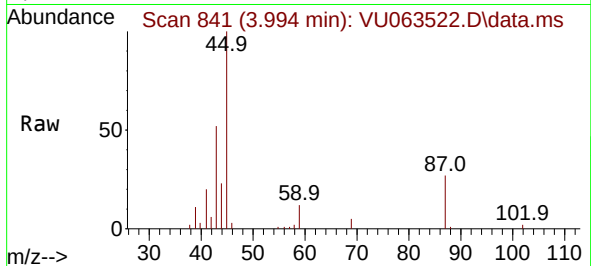
Tgt Ion:117 Resp: 16882
Ion Ratio Lower Upper
117 100
119 92.0 79.2 118.8
121 33.1 25.5 38.3





#31
Isopropyl Ether
Concen: 2.207 ug/l
RT: 3.994 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

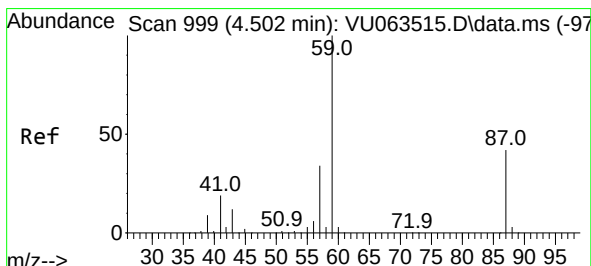
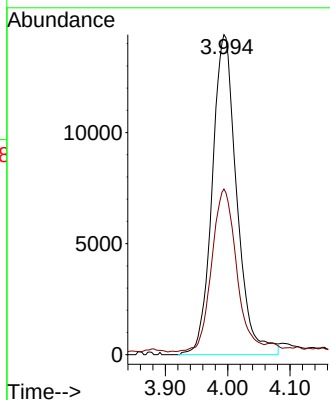
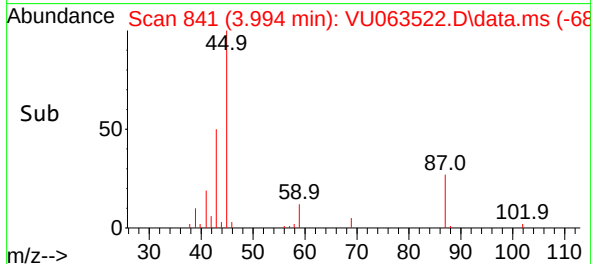
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



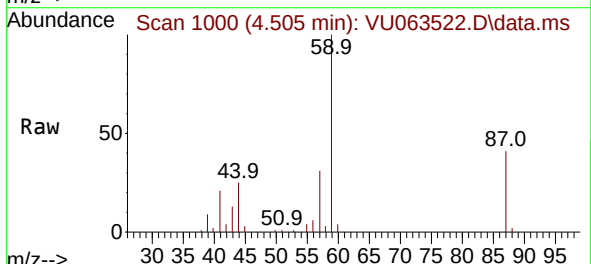
Tgt Ion: 45 Resp: 3944
Ion Ratio Lower Upper
45 100
43 51.0 25.7 77.0

Manual Integrations
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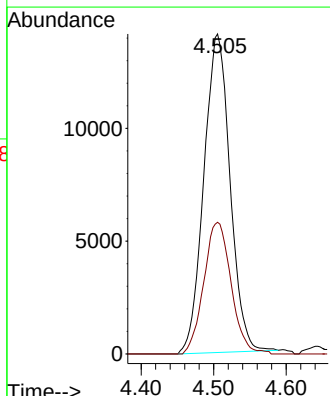
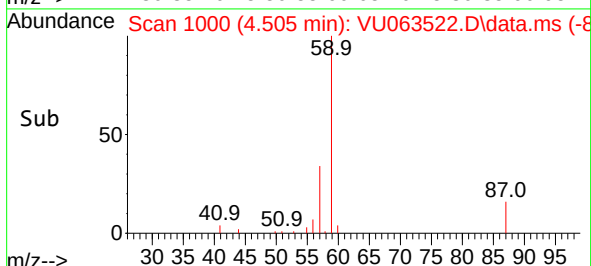
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

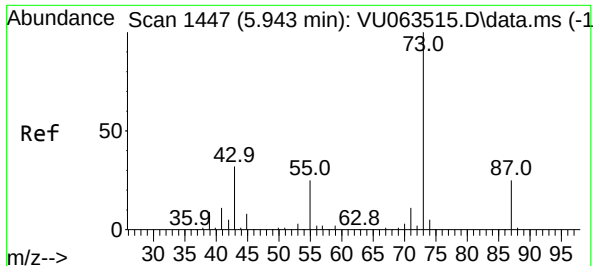


#32
Ethyl-t-butyl ether
Concen: 2.142 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13



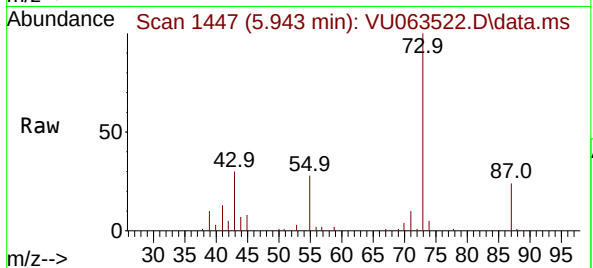
Tgt Ion: 59 Resp: 35419
Ion Ratio Lower Upper
59 100
87 43.1 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 1.756 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

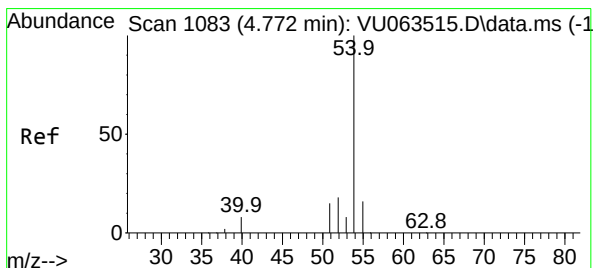
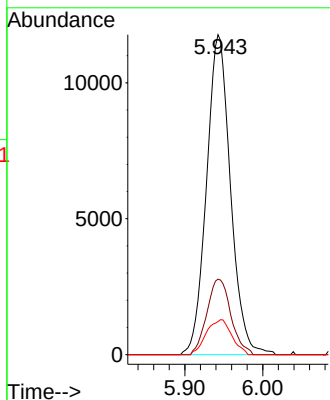
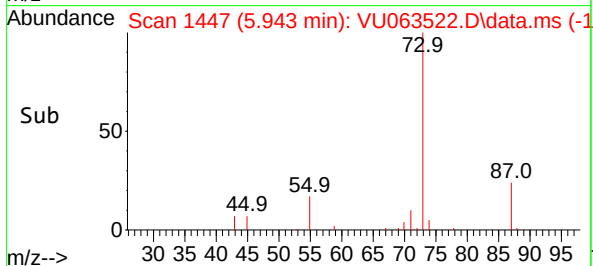
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



Tgt Ion: 73 Resp: 2519
Ion Ratio Lower Upper
73 100
87 23.6 19.4 29.2
71 11.6 8.9 13.3

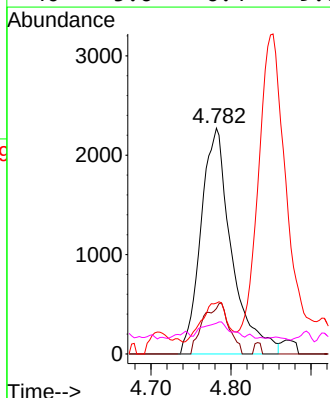
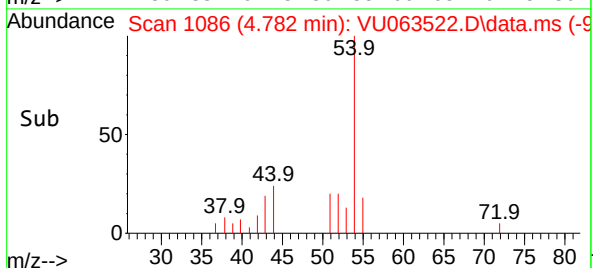
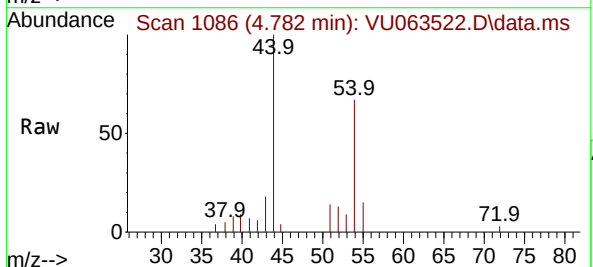
Manual Integrations
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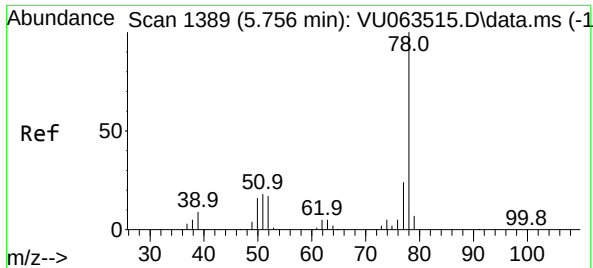
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#34
Propionitrile
Concen: 11.359 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. 0.010 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Tgt Ion: 54 Resp: 6040
Ion Ratio Lower Upper
54 100
52 18.9 17.0 25.4
55 15.6 13.6 20.4
40 5.6 6.4 9.6#





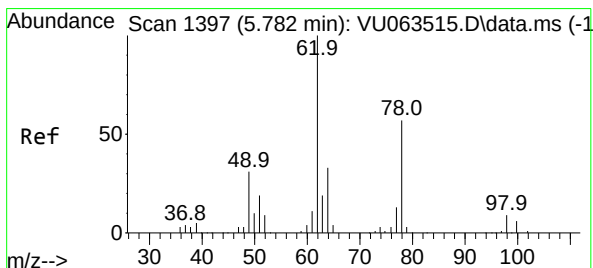
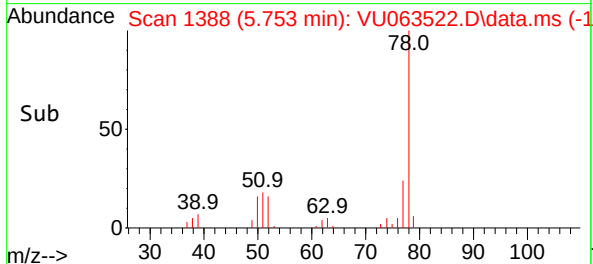
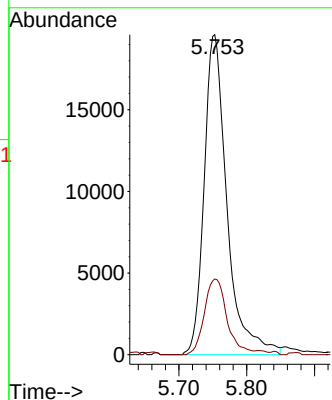
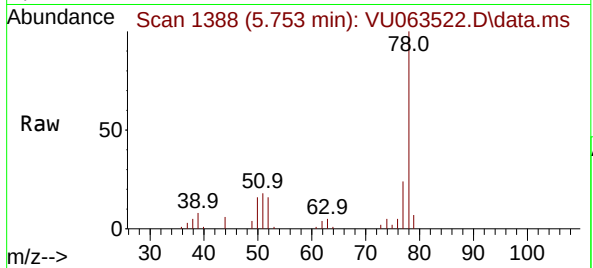
#35
Benzene
Concen: 1.798 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01

Tgt Ion: 78 Resp: 4587
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2

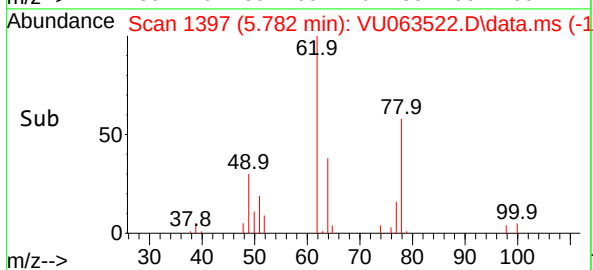
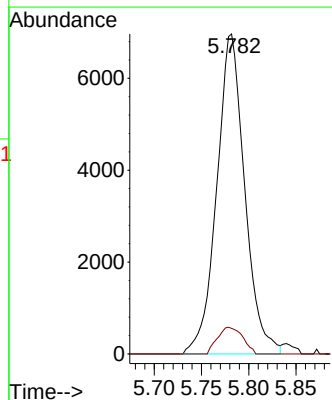
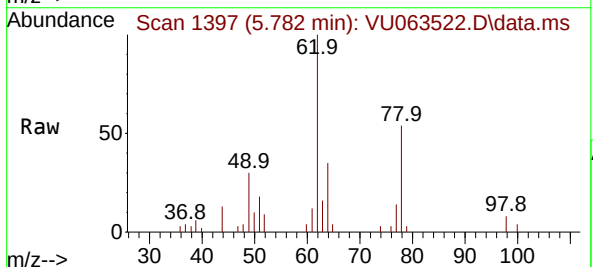
Manual Integrations
APPROVED

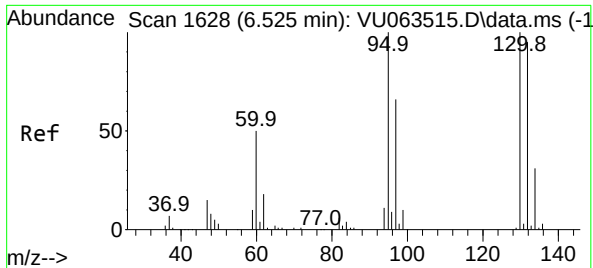
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#36
1,2-Dichloroethane
Concen: 1.809 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

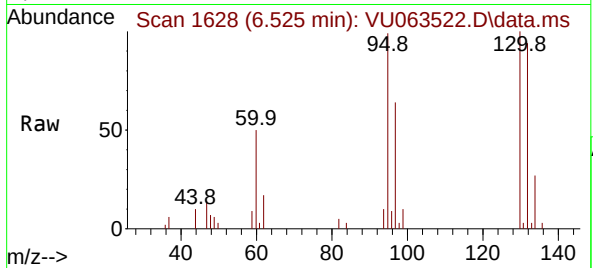
Tgt Ion: 62 Resp: 14343
Ion Ratio Lower Upper
62 100
98 7.5 6.4 9.6





#37
Trichloroethene
Concen: 1.861 ug/l
RT: 6.525 min Scan# 1628
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

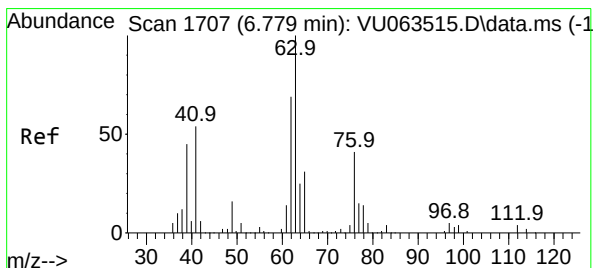
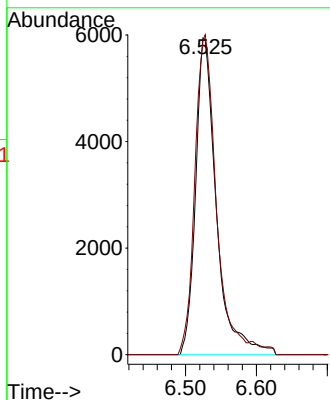
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



Tgt Ion:130 Resp: 1211
Ion Ratio Lower Upper
130 100
95 99.2 80.3 120.5

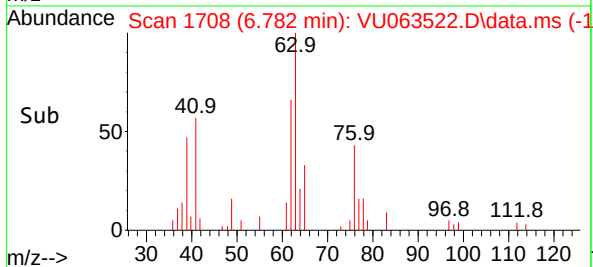
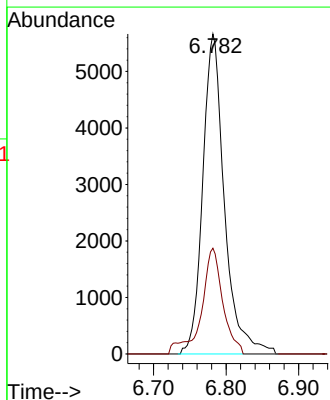
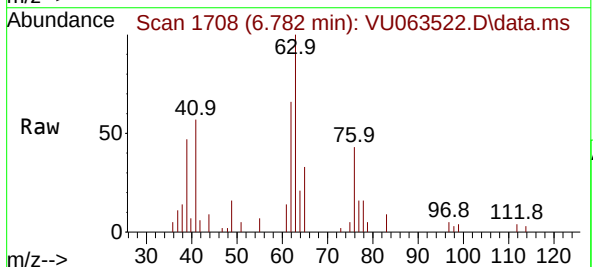
Manual Integrations
APPROVED

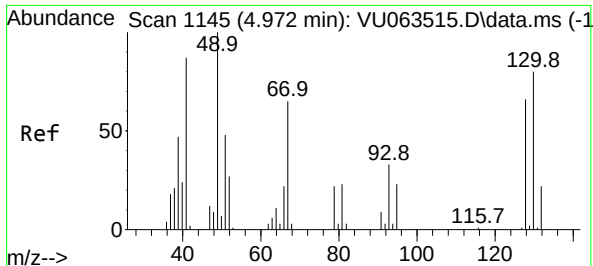
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#38
1,2-Dichloropropane
Concen: 1.970 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Tgt Ion: 63 Resp: 11764
Ion Ratio Lower Upper
63 100
65 33.0 24.6 36.8





#39

Methacrylonitrile

Concen: 2.038 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU063522.D

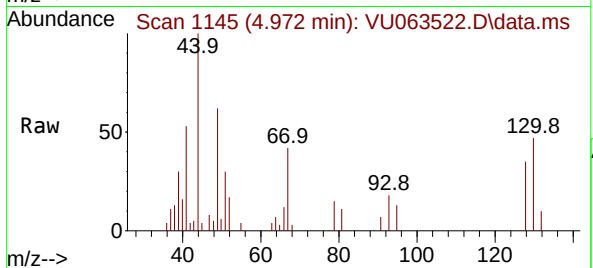
Acq: 17 Jul 2025 13:13

Instrument :

MSVOA_U

ClientSampleId :

VU0717WBSD01



Tgt Ion: 41 Resp: 4810

Ion Ratio Lower Upper

41 100

67 89.7 62.7 94.1

39 53.8 43.1 64.7

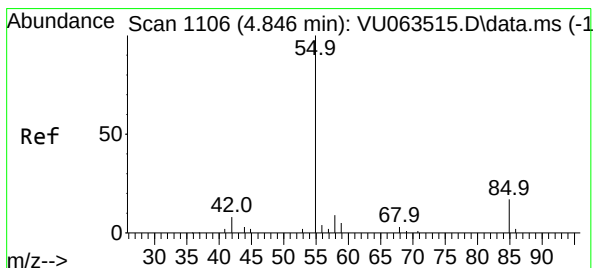
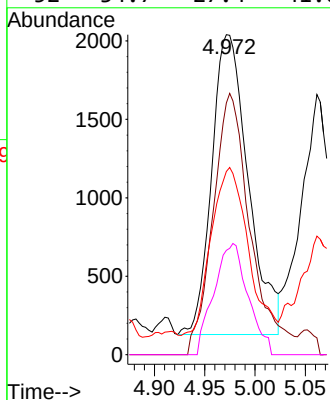
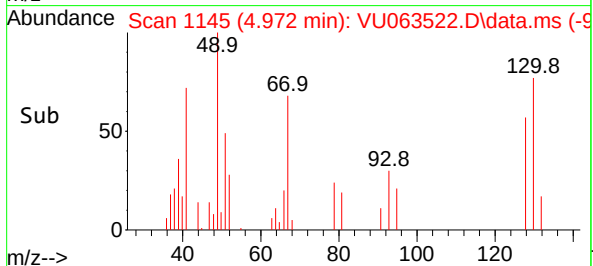
52 34.7 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#40

Methyl acrylate

Concen: 2.009 ug/l

RT: 4.853 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

Tgt Ion: 55 Resp: 6941

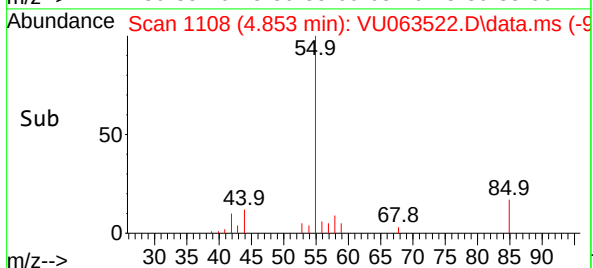
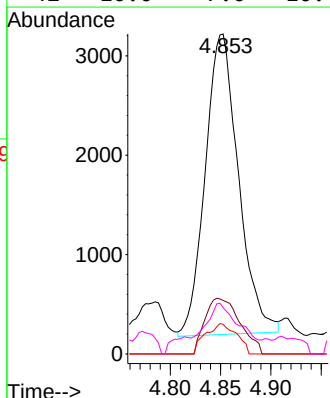
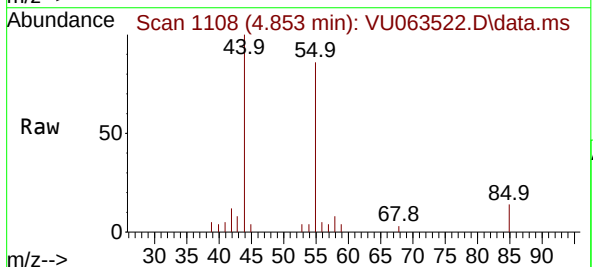
Ion Ratio Lower Upper

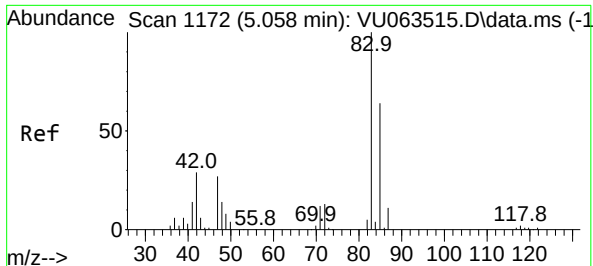
55 100

85 19.6 12.8 19.2#

58 9.4 7.0 10.4

42 10.0 7.0 10.4





#41

Tetrahydrofuran

Concen: 4.078 ug/l

RT: 5.062 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

Instrument :

MSVOA_U

ClientSampleId :

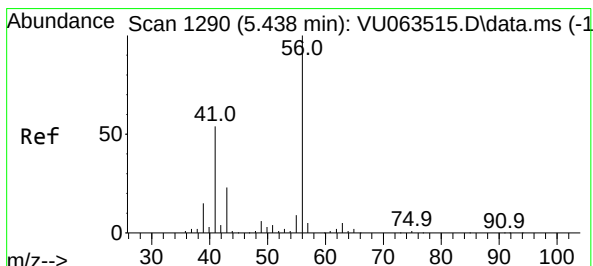
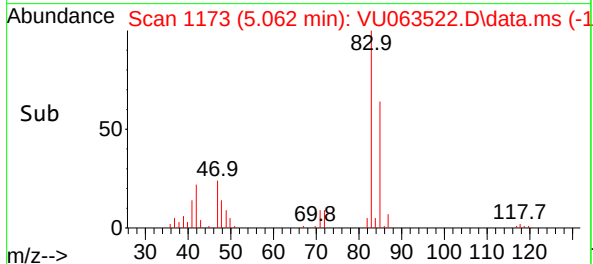
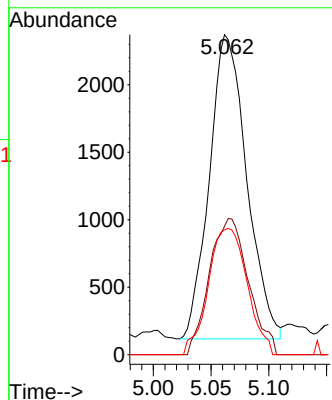
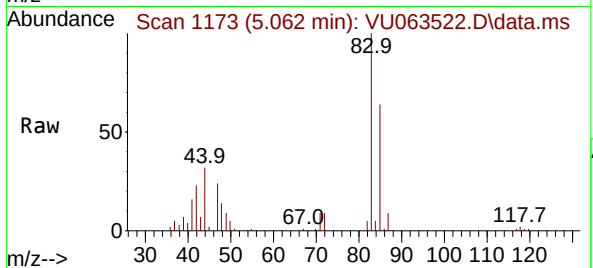
VU0717WBSD01

Tgt Ion: 42	Resp: 5070
Ion Ratio	Lower Upper
42	100
72	46.8 39.2 58.8
71	43.1 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#42

1-Chlorobutane

Concen: 2.013 ug/l

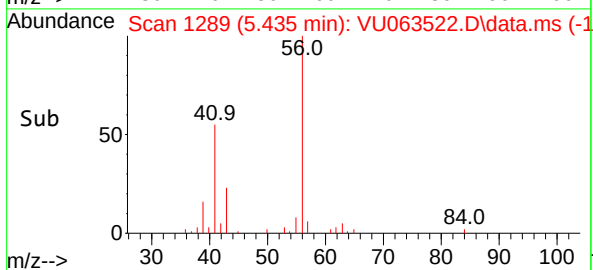
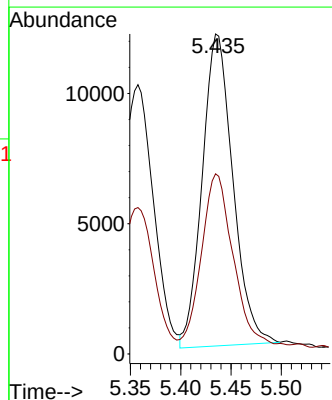
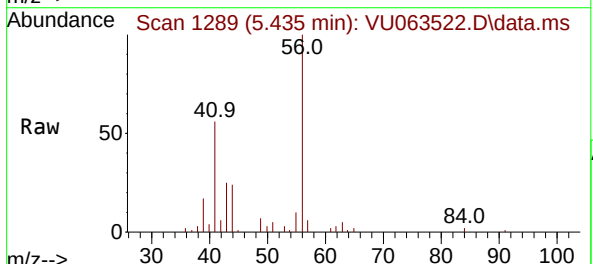
RT: 5.435 min Scan# 1289

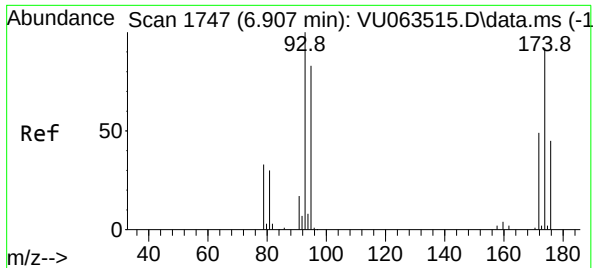
Delta R.T. -0.003 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

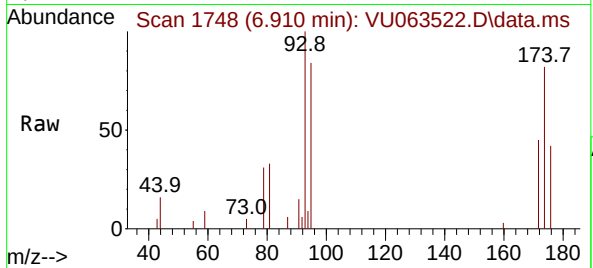
Tgt Ion: 56	Resp: 25415
Ion Ratio	Lower Upper
56	100
41	57.0 26.7 80.0





#43
Dibromomethane
Concen: 1.994 ug/l
RT: 6.910 min Scan# 1748
Delta R.T. 0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

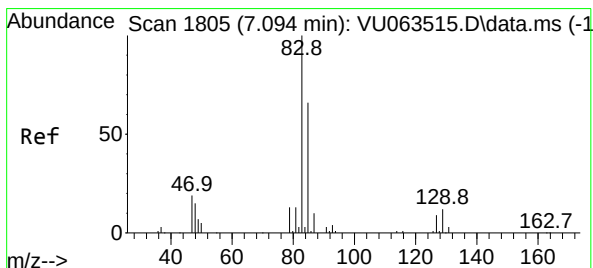
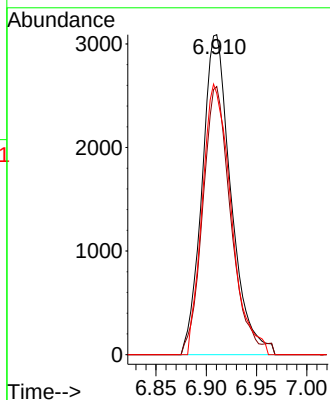
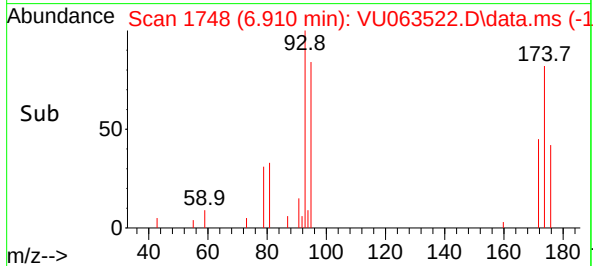
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



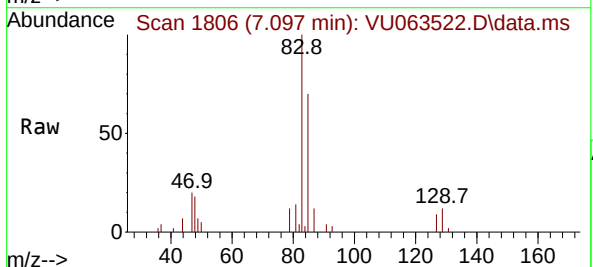
Tgt Ion: 93 Resp: 6168
Ion Ratio Lower Upper
93 100
95 81.1 67.9 101.9
174 84.5 74.6 111.8

Manual Integrations
APPROVED

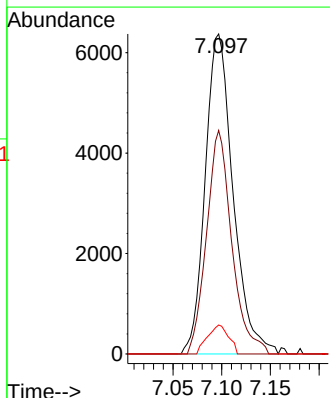
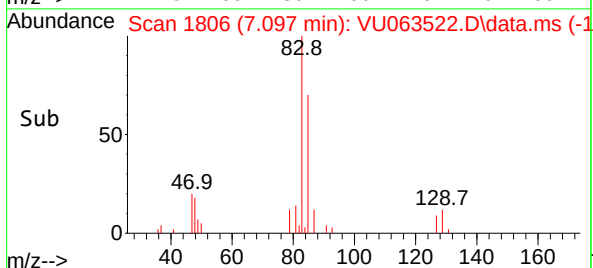
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

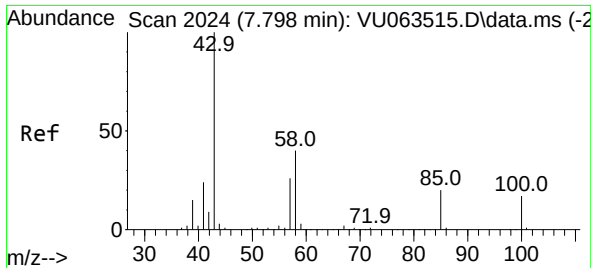


#44
Bromodichloromethane
Concen: 1.820 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13



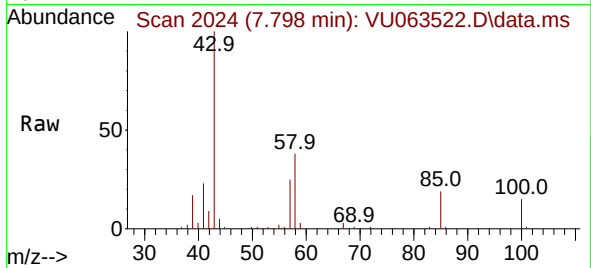
Tgt Ion: 83 Resp: 12700
Ion Ratio Lower Upper
83 100
85 69.8 52.7 79.1
127 9.1 8.1 12.1





#45
4-Methyl-2-Pentanone
Concen: 10.071 ug/l
RT: 7.798 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

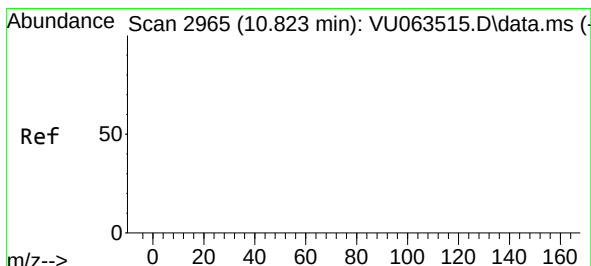
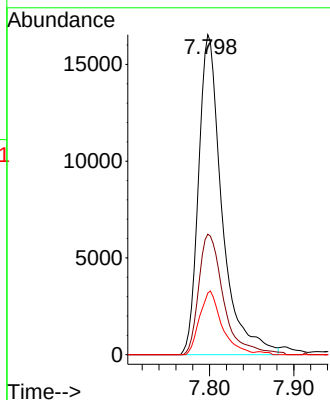
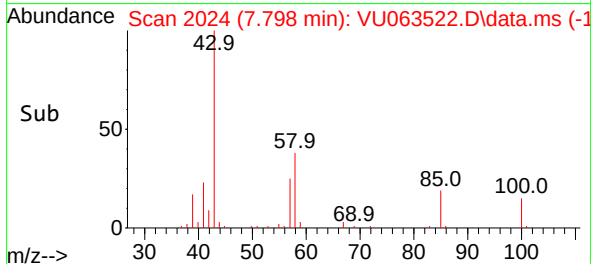
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



Tgt Ion: 43 Resp: 3211
Ion Ratio Lower Upper
43 100
58 39.9 20.0 60.0
85 19.0 15.4 23.0

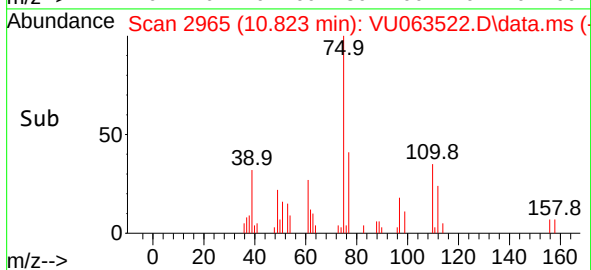
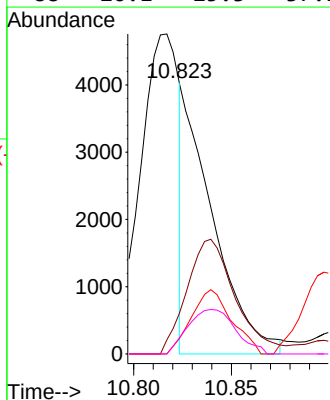
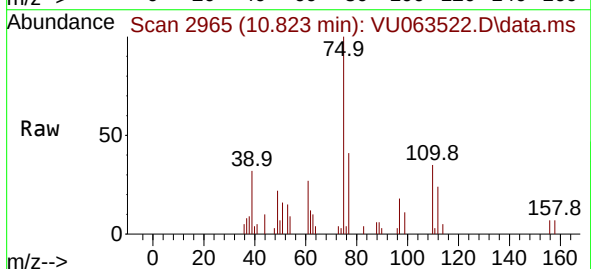
Manual Integrations
APPROVED

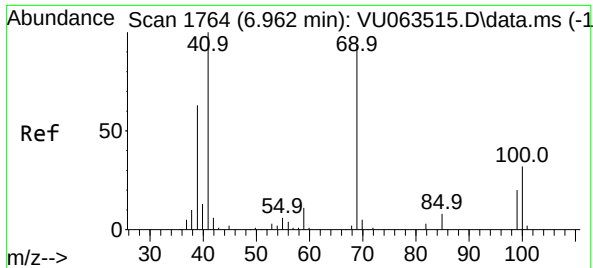
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#46
t-1,4-Dichloro-2-butene
Concen: 3.582 ug/l m
RT: 10.823 min Scan# 2965
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

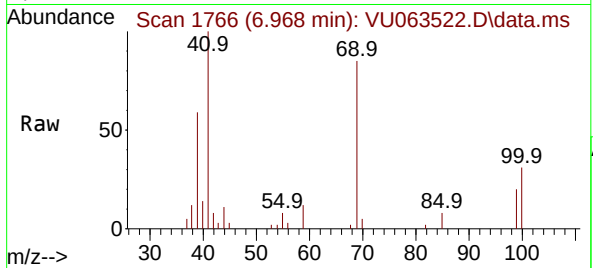
Tgt Ion: 75 Resp: 4288
Ion Ratio Lower Upper
75 100
53 68.6 48.4 72.6
89 32.0 30.6 45.8
88 26.1 25.3 37.9





#47
Methyl methacrylate
Concen: 3.737 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

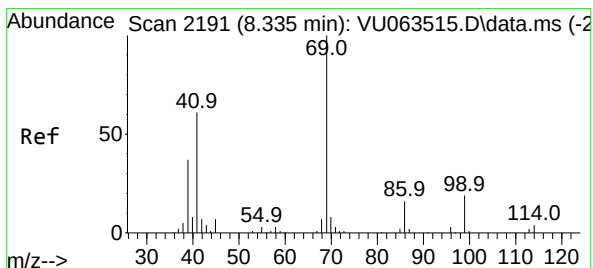
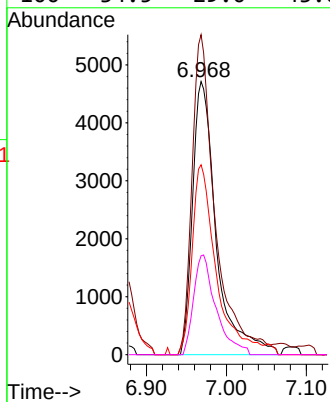
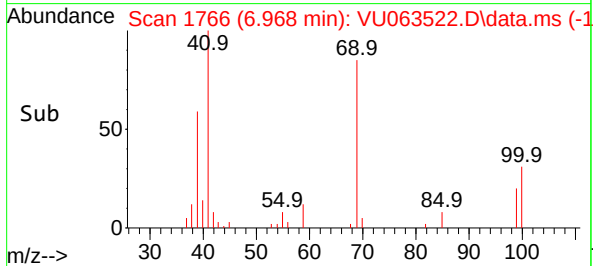
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



Tgt Ion: 69 Resp: 971
Ion Ratio Lower Upper
69 100
41 114.5 0.0 224.0
39 70.4 55.3 82.9
100 34.5 29.0 43.6

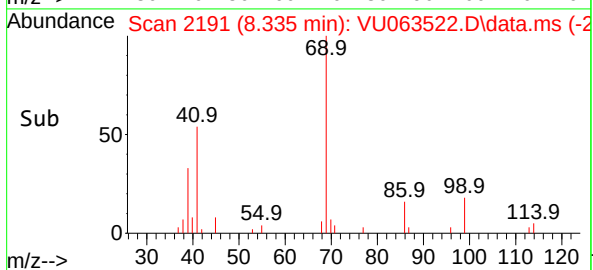
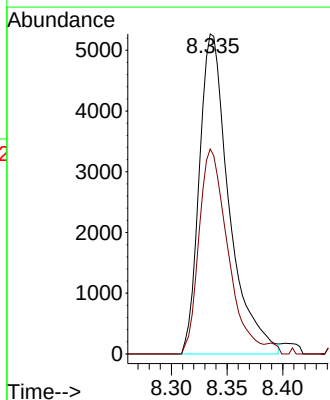
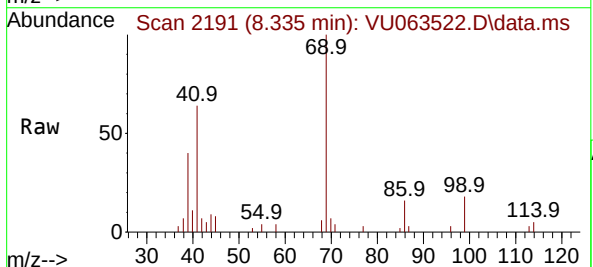
Manual Integrations
APPROVED

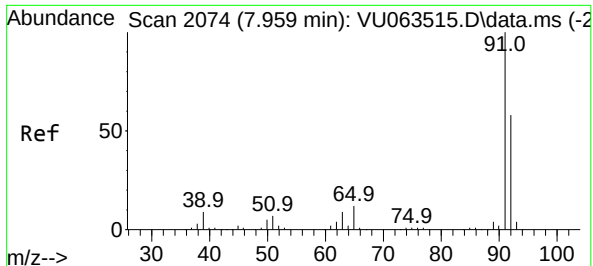
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#48
Ethyl methacrylate
Concen: 1.973 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

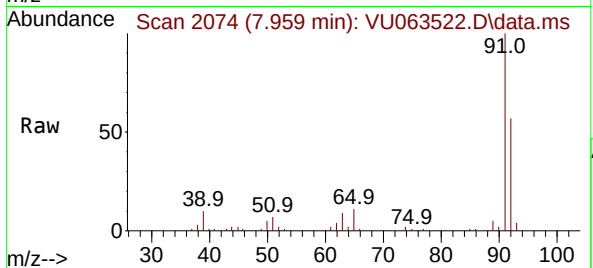
Tgt Ion: 69 Resp: 9783
Ion Ratio Lower Upper
69 100
41 61.8 30.8 92.4





#49
Toluene
Concen: 1.961 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

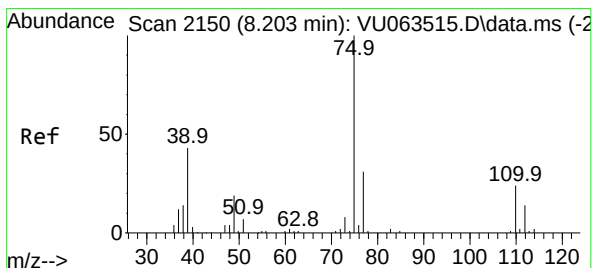
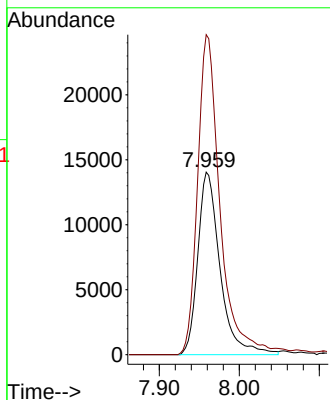
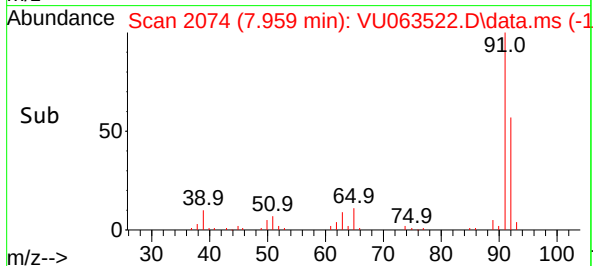
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



Tgt Ion: 92 Resp: 2732
Ion Ratio Lower Upper
92 100
91 175.1 140.4 210.6

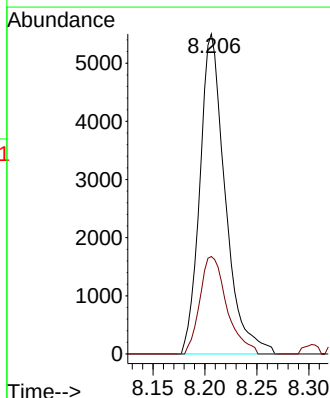
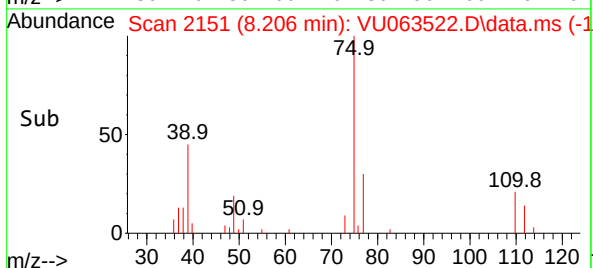
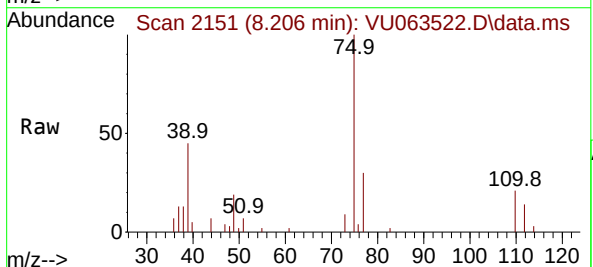
Manual Integrations
APPROVED

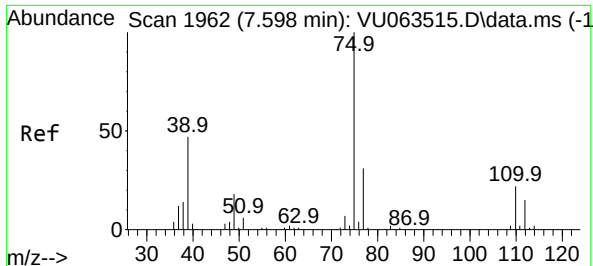
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#50
t-1,3-Dichloropropene
Concen: 1.708 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Tgt Ion: 75 Resp: 9349
Ion Ratio Lower Upper
75 100
77 30.5 24.9 37.3





#51

cis-1,3-Dichloropropene

Concen: 1.752 ug/l

RT: 7.602 min Scan# 1962

Delta R.T. 0.003 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

Instrument :

MSVOA_U

ClientSampleId :

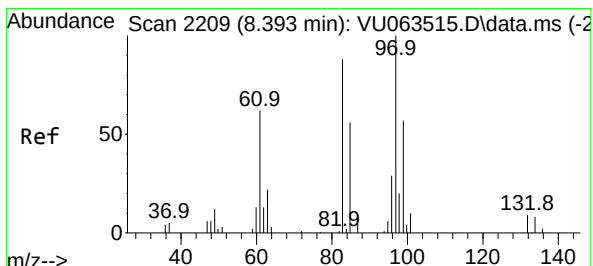
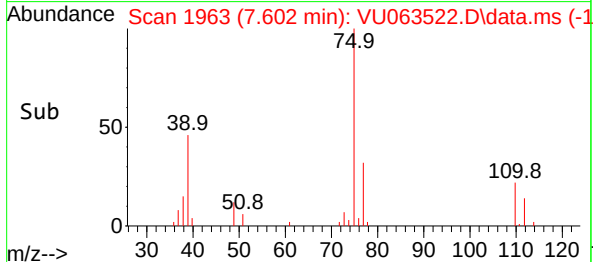
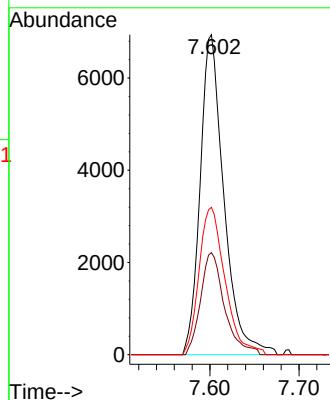
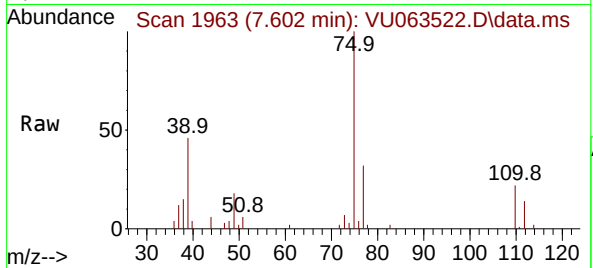
VU0717WBSD01

Tgt Ion:	75	Resp:	1287
Ion Ratio	Lower	Upper	
75	100		
77	31.9	25.1	37.7
39	46.0	37.8	56.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#52

1,1,2-Trichloroethane

Concen: 2.052 ug/l

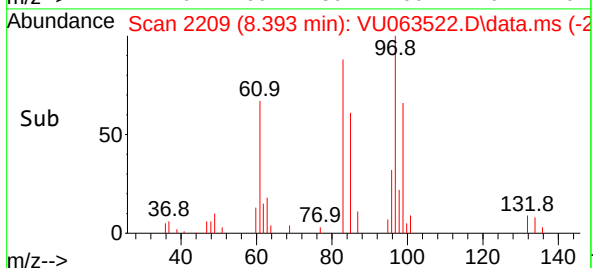
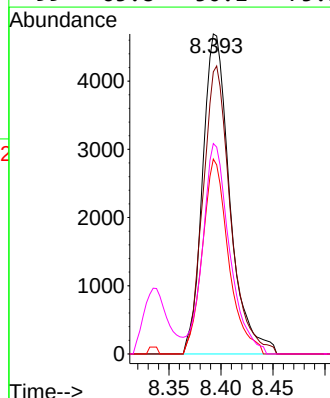
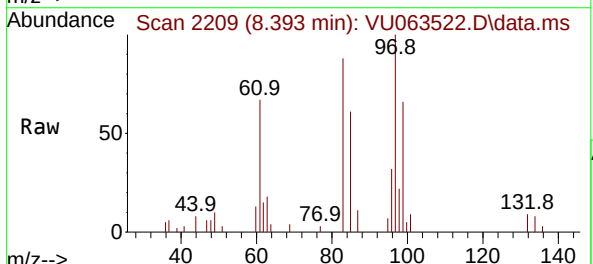
RT: 8.393 min Scan# 2209

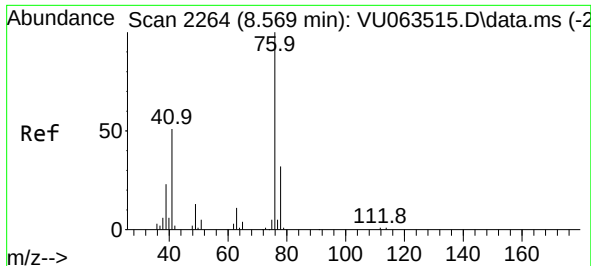
Delta R.T. 0.000 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

Tgt Ion:	97	Resp:	8548
Ion Ratio	Lower	Upper	
97	100		
83	88.2	70.2	105.2
85	60.9	45.2	67.8
99	65.8	50.1	75.1





#53

1,3-Dichloropropane

Concen: 2.081 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

Instrument :

MSVOA_U

ClientSampleId :

VU0717WBSD01

Tgt Ion: 76 Resp: 1496

Ion Ratio Lower Upper

76 100

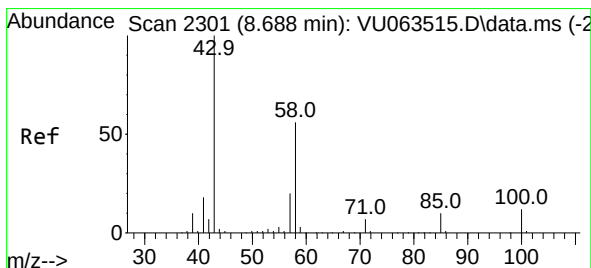
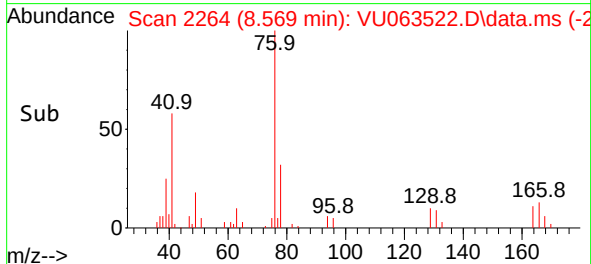
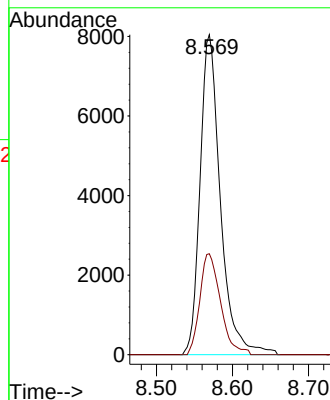
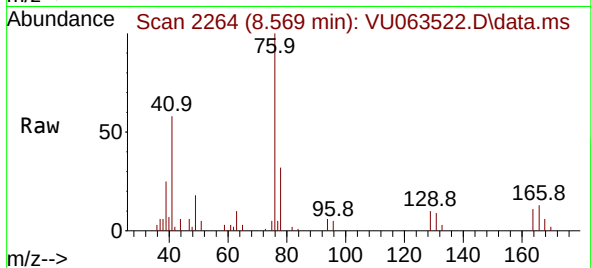
78 32.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#54

2-Hexanone

Concen: 10.271 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.003 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

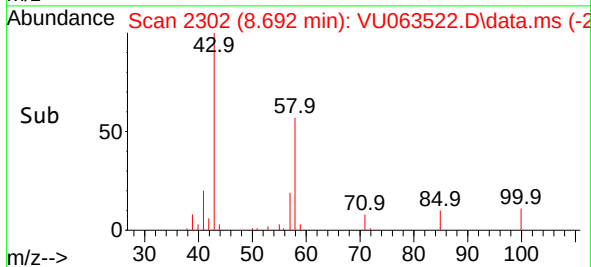
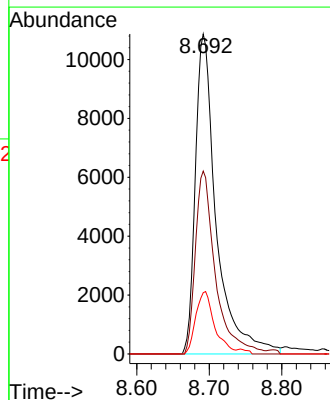
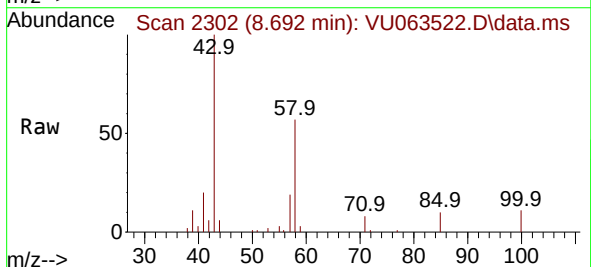
Tgt Ion: 43 Resp: 21753

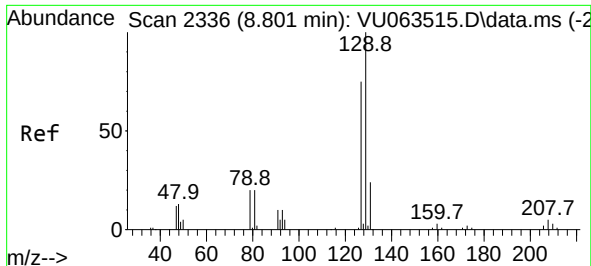
Ion Ratio Lower Upper

43 100

58 54.8 34.8 74.8

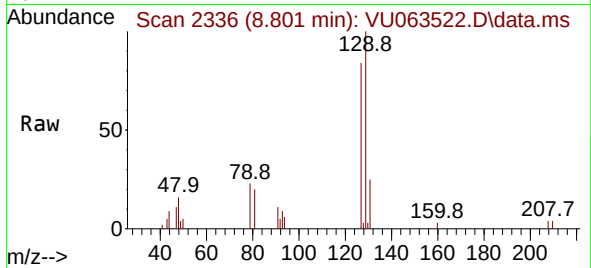
57 17.5 0.0 39.5





#55
Dibromochloromethane
Concen: 1.762 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

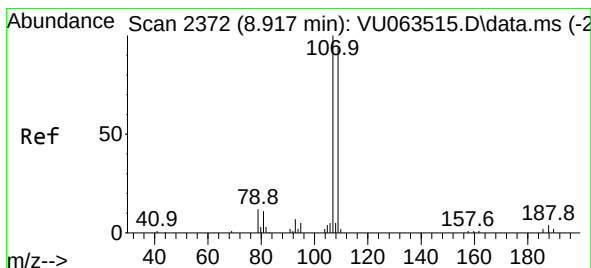
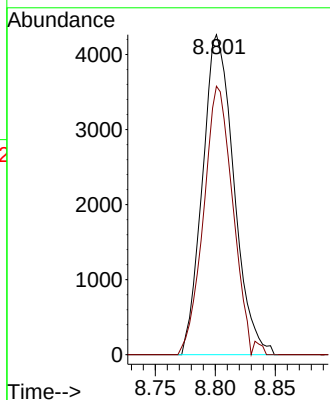
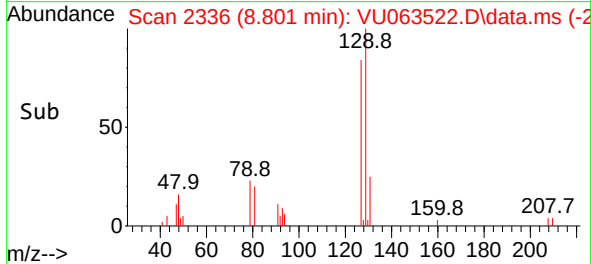
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



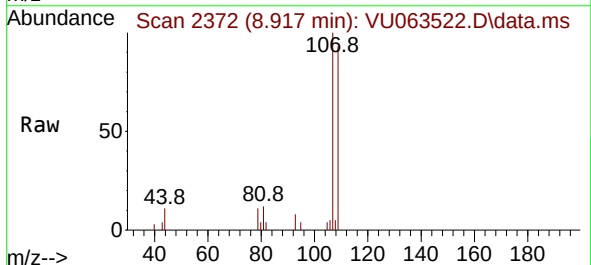
Tgt Ion:129 Resp: 7750
Ion Ratio Lower Upper
129 100
127 78.2 60.1 90.1

Manual Integrations
APPROVED

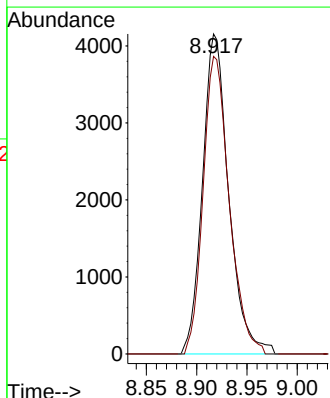
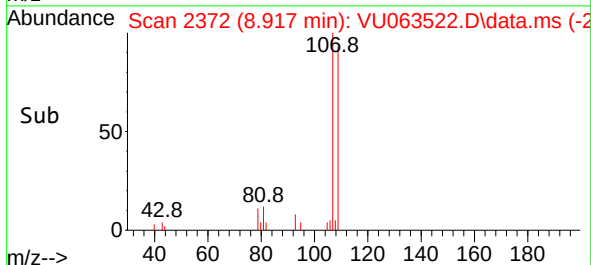
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

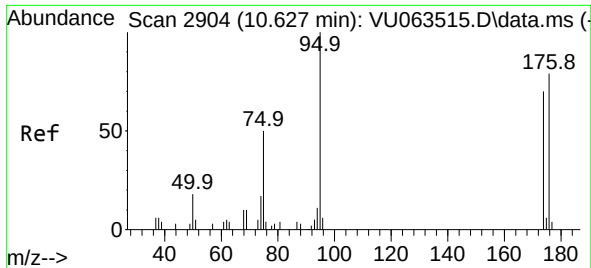


#56
1,2-Dibromoethane
Concen: 2.022 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13



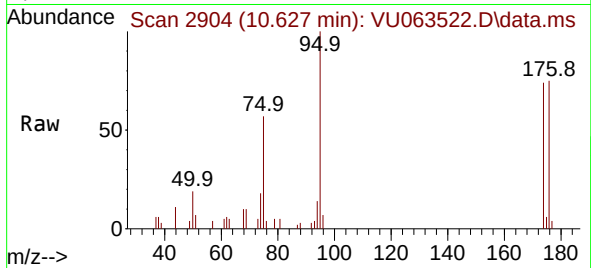
Tgt Ion:107 Resp: 7538
Ion Ratio Lower Upper
107 100
109 92.6 0.0 186.4





#57
4-Bromofluorobenzene
Concen: 1.033 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

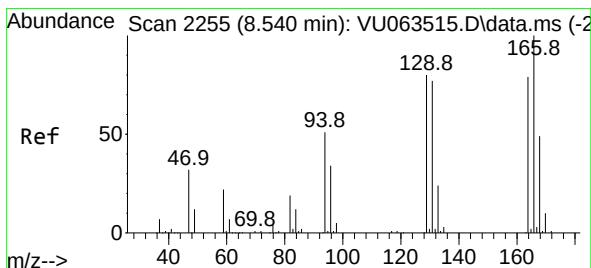
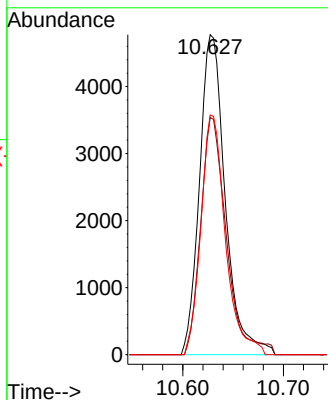
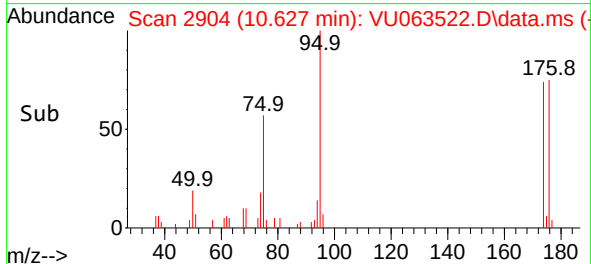
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



Tgt Ion: 95 Resp: 847
Ion Ratio Lower Upper
95 100
174 74.0 59.8 89.8
176 71.4 61.8 92.8

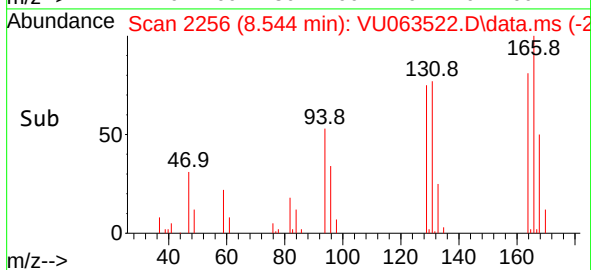
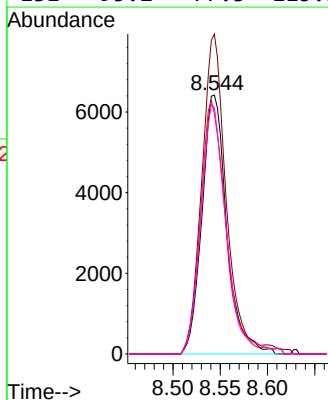
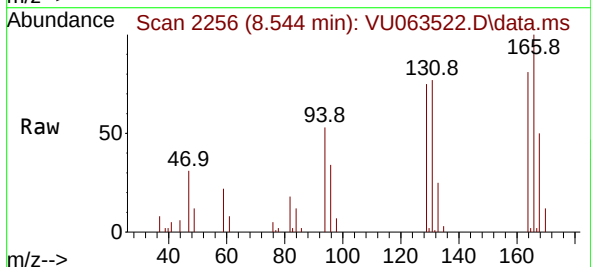
Manual Integrations
APPROVED

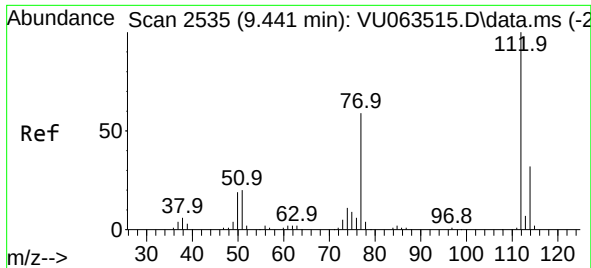
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#58
Tetrachloroethene
Concen: 1.967 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

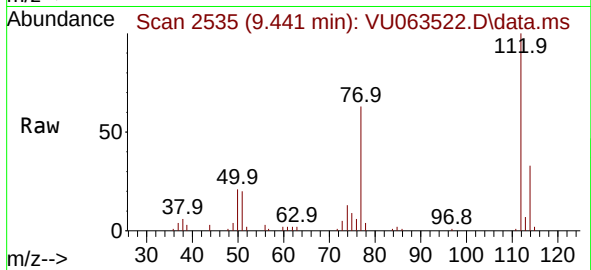
Tgt Ion:164 Resp: 11718
Ion Ratio Lower Upper
164 100
166 123.6 100.7 151.1
129 92.9 80.6 120.8
131 95.2 77.3 115.9





#59
Chlorobenzene
Concen: 1.964 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

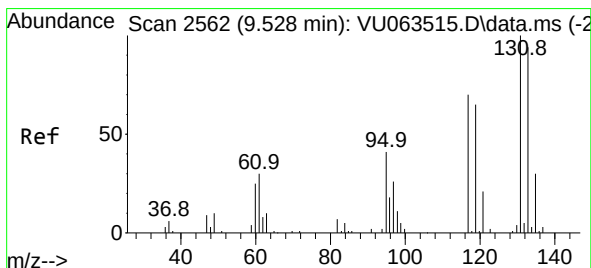
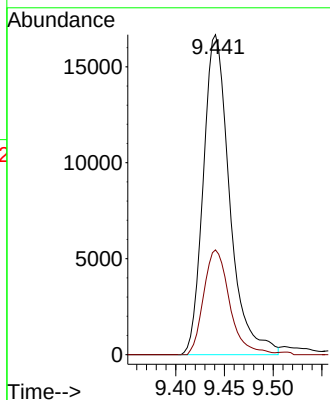
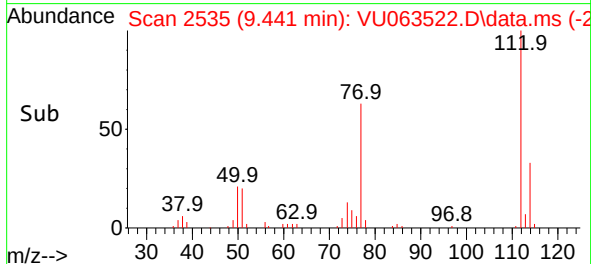
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



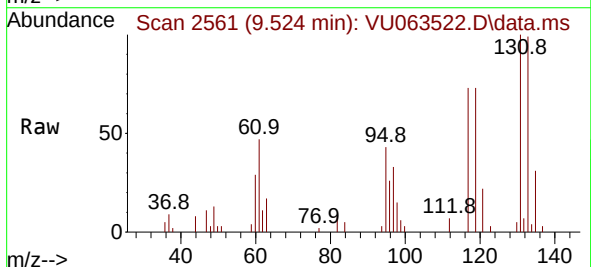
Tgt Ion:112 Resp: 3142
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2

Manual Integrations
APPROVED

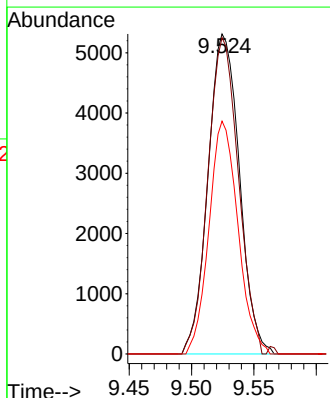
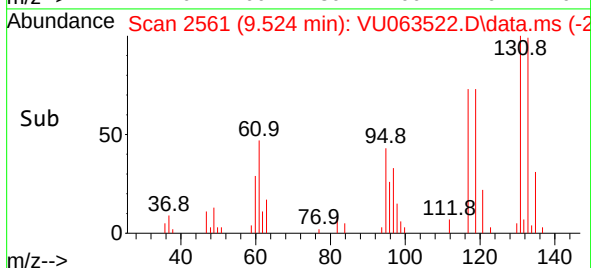
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

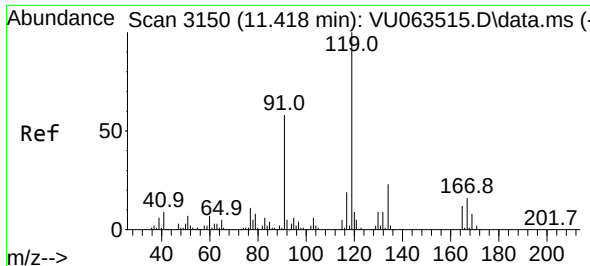


#60
1,1,1,2-Tetrachloroethane
Concen: 1.809 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13



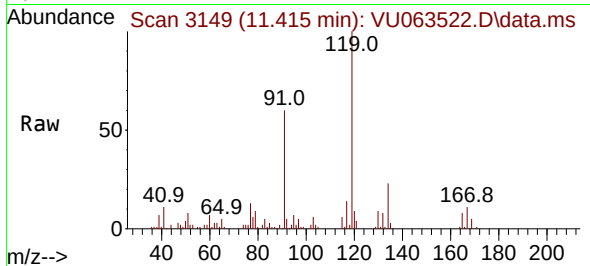
Tgt Ion:131 Resp: 9309
Ion Ratio Lower Upper
131 100
133 96.1 74.7 112.1
119 67.2 53.0 79.4





#61
Pentachloroethane
Concen: 1.814 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

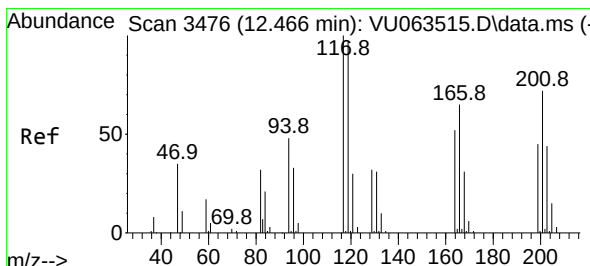
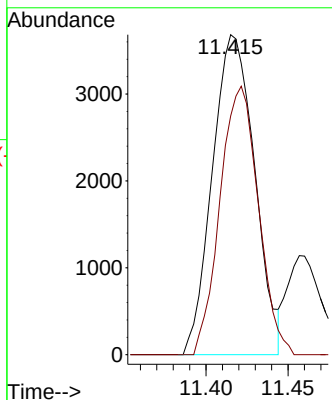
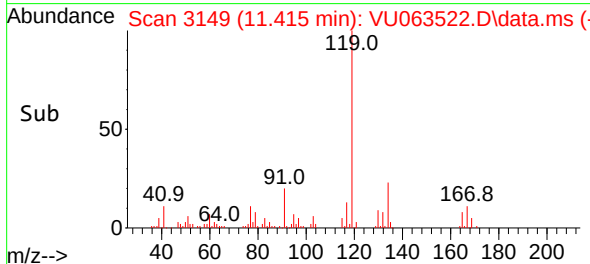
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



Tgt Ion:117 Resp: 6598
Ion Ratio Lower Upper
117 100
167 76.0 65.0 97.6

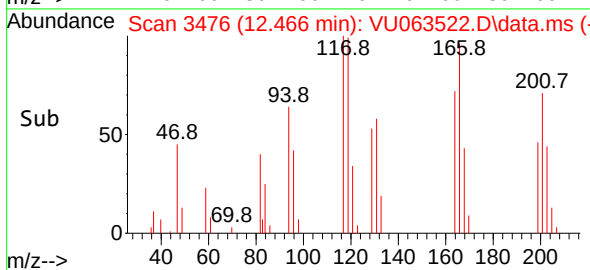
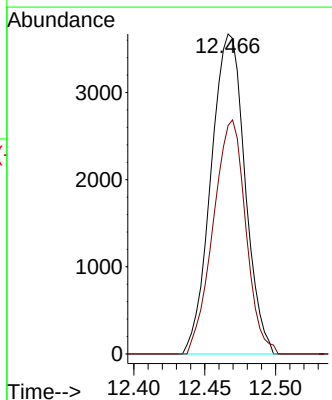
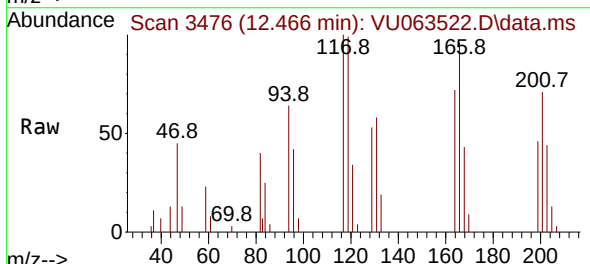
Manual Integrations
APPROVED

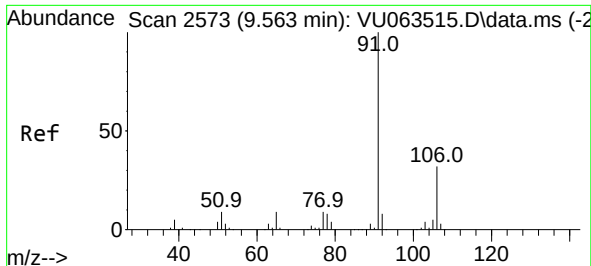
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#62
Hexachloroethane
Concen: 1.699 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Tgt Ion:117 Resp: 6118
Ion Ratio Lower Upper
117 100
201 70.3 57.4 86.0





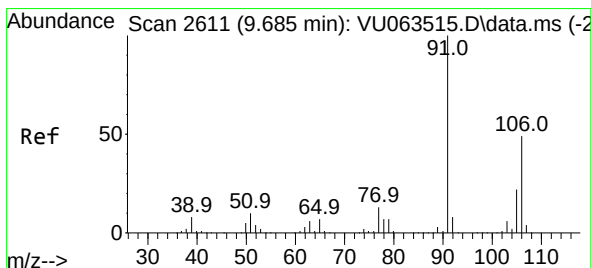
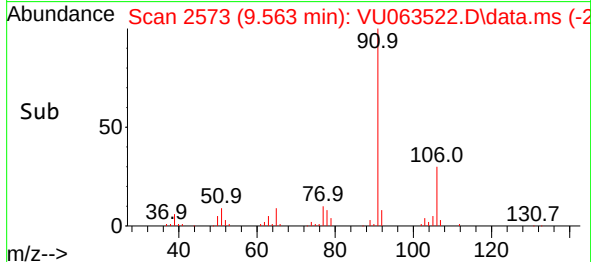
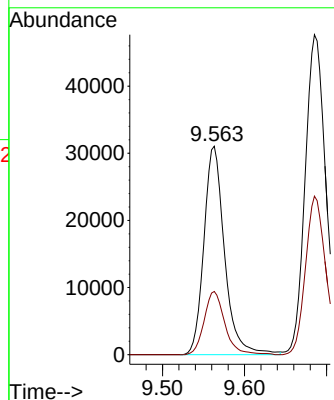
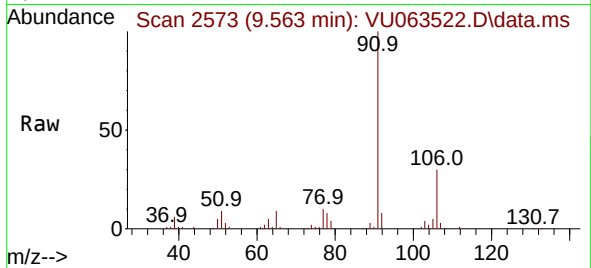
#63
Ethyl Benzene
Concen: 1.975 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01

Tgt Ion: 91 Resp: 54379
Ion Ratio Lower Upper
91 100
106 30.3 25.4 38.0

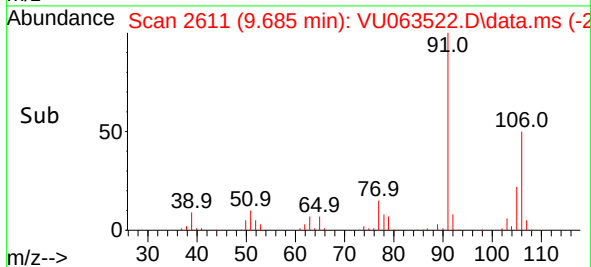
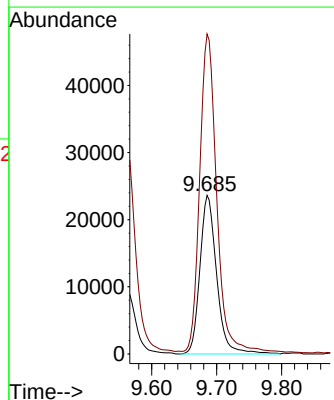
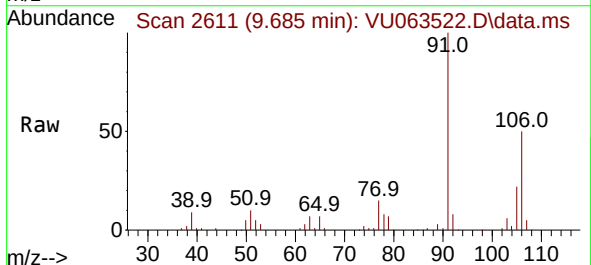
Manual Integrations
APPROVED

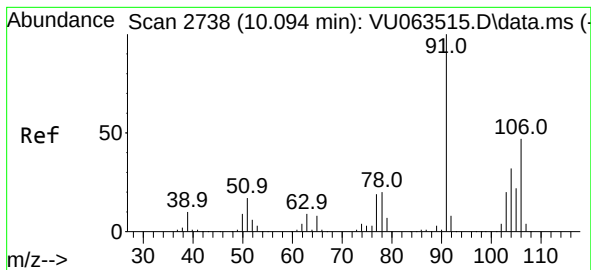
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#64
m/p-Xylenes
Concen: 3.965 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Tgt Ion:106 Resp: 42437
Ion Ratio Lower Upper
106 100
91 203.4 163.6 245.4





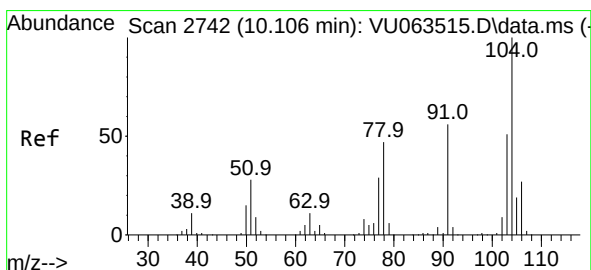
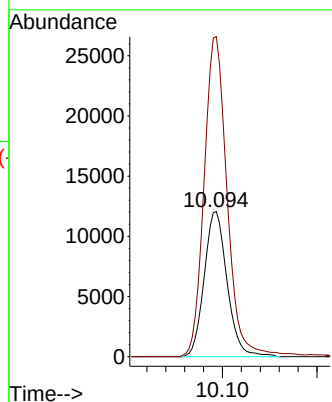
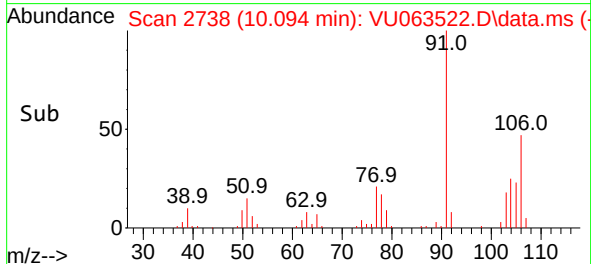
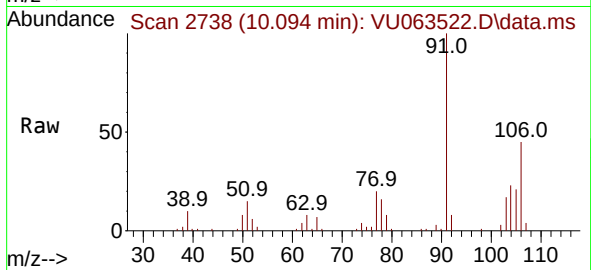
#65
o-Xylene
Concen: 1.972 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01

Tgt Ion:106 Resp: 20280
Ion Ratio Lower Upper
106 100
91 222.3 108.1 324.4

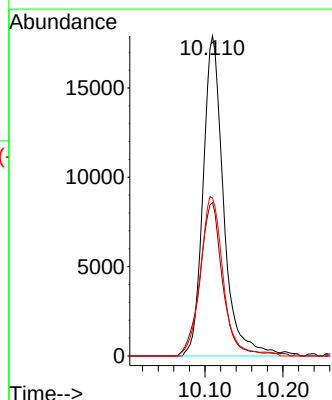
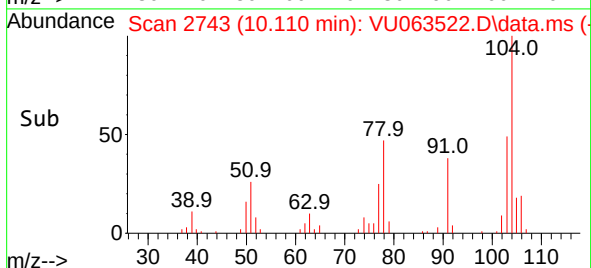
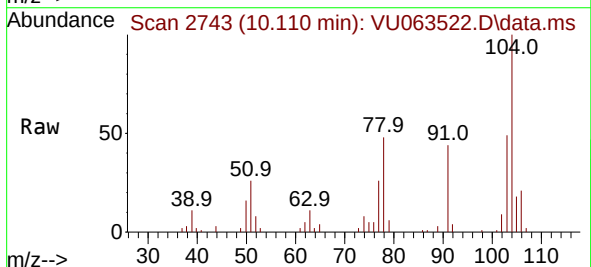
Manual Integrations
APPROVED

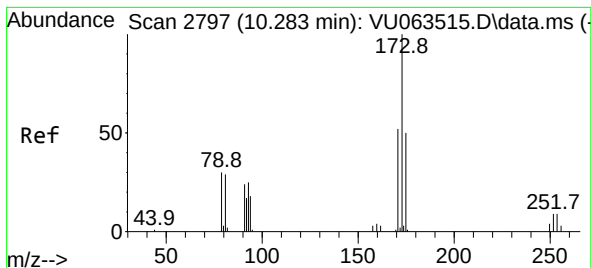
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#66
Styrene
Concen: 2.000 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Tgt Ion:104 Resp: 32779
Ion Ratio Lower Upper
104 100
78 53.1 41.3 61.9
103 54.9 43.6 65.4





#67

Bromoform

Concen: 1.647 ug/l

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

Instrument :

MSVOA_U

ClientSampleId :

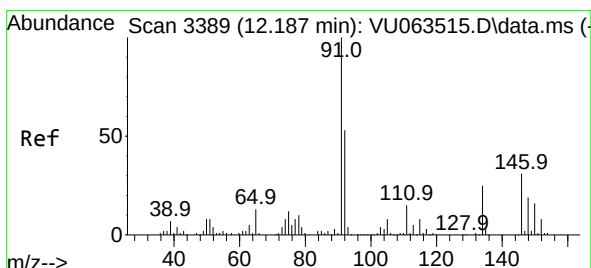
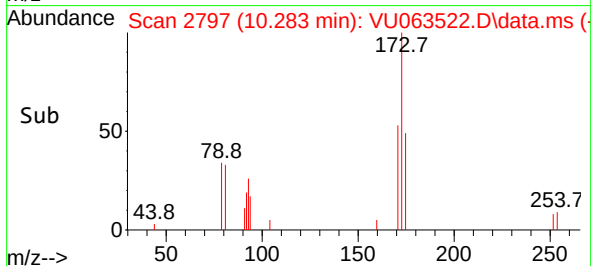
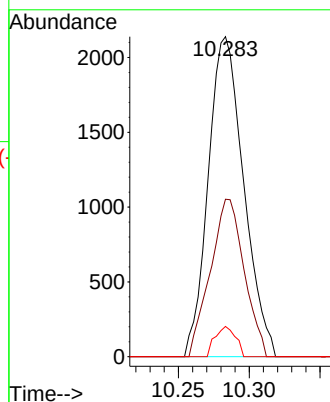
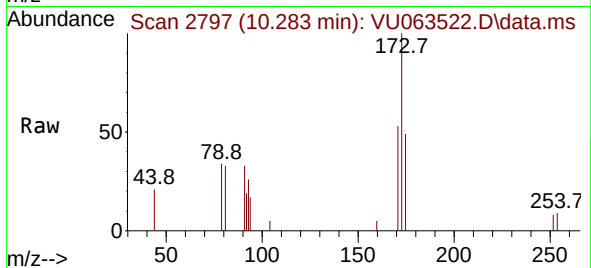
VU0717WBSD01

Tgt Ion:	173	Resp:	372
Ion Ratio	Lower	Upper	
173	100		
175	47.0	39.0	58.4
254	5.5	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#68

1,2-Dichlorobenzene-d4

Concen: 1.103 ug/l

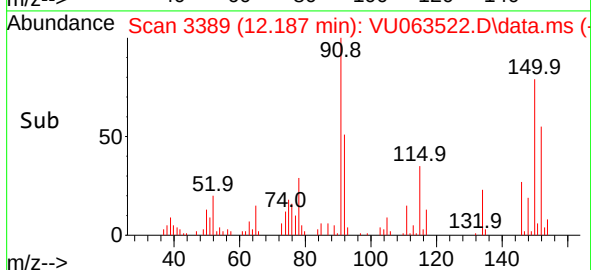
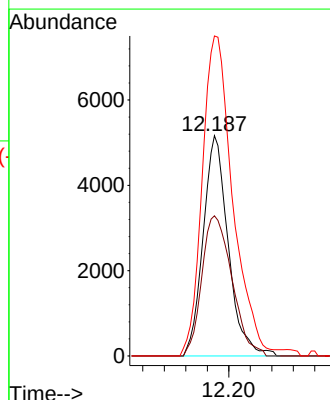
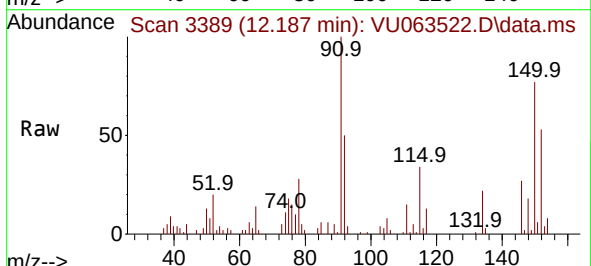
RT: 12.187 min Scan# 3389

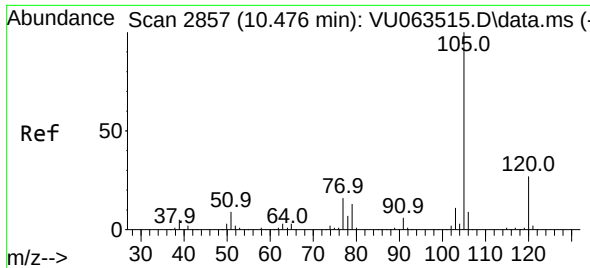
Delta R.T. 0.000 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

Tgt Ion:	152	Resp:	8367
Ion Ratio	Lower	Upper	
152	100		
115	76.3	0.0	262.2
150	177.3	0.0	651.2





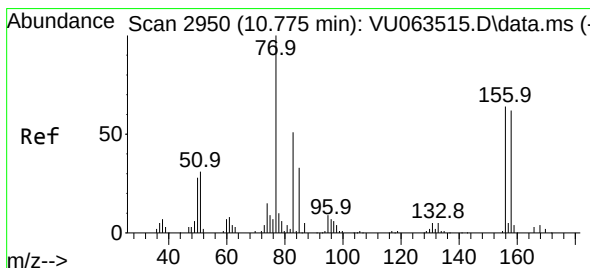
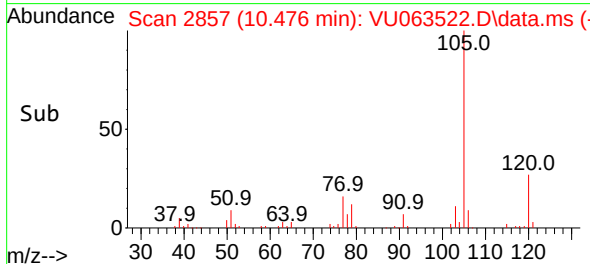
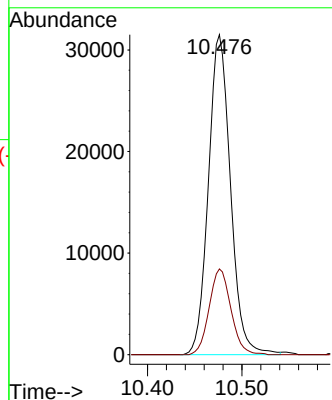
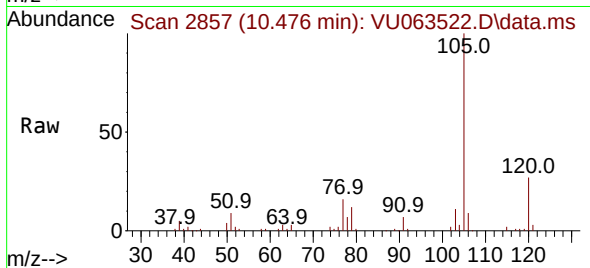
#69
Isopropylbenzene
Concen: 2.055 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01

Tgt Ion:105 Resp: 5110
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5

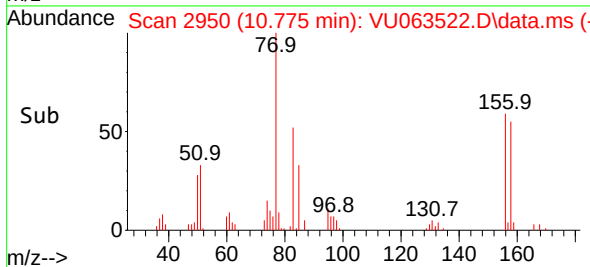
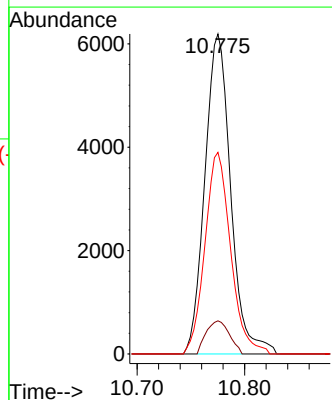
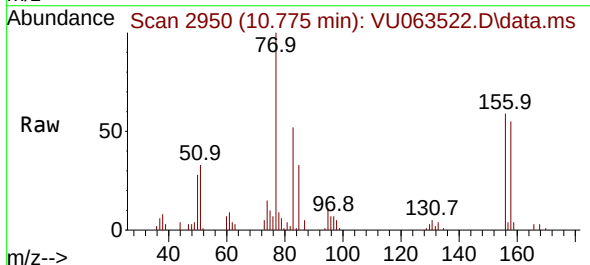
Manual Integrations
APPROVED

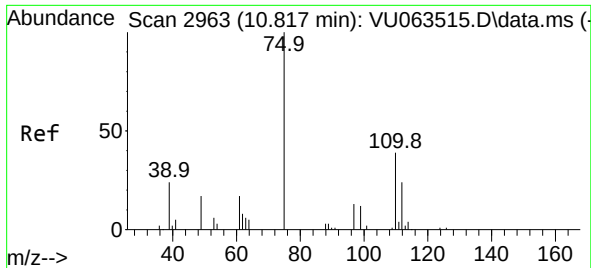
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 2.038 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

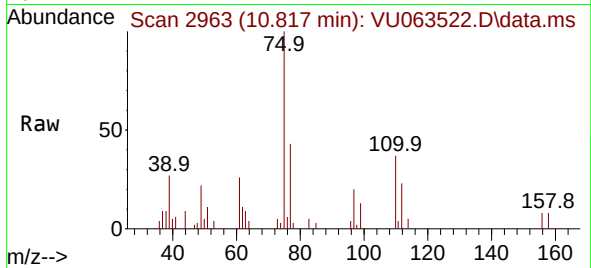
Tgt Ion: 83 Resp: 10327
Ion Ratio Lower Upper
83 100
131 9.3 8.4 12.6
85 62.8 51.9 77.9





#71
1,2,3-Trichloropropane
Concen: 1.742 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

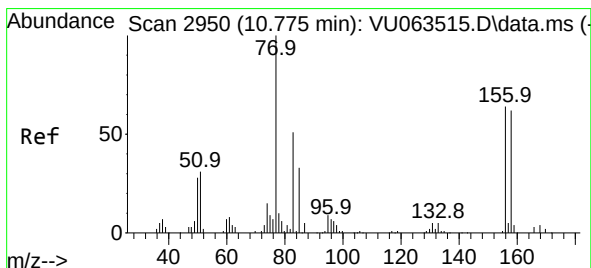
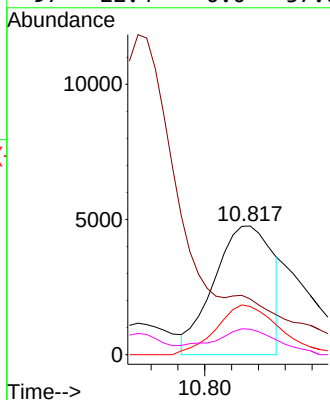
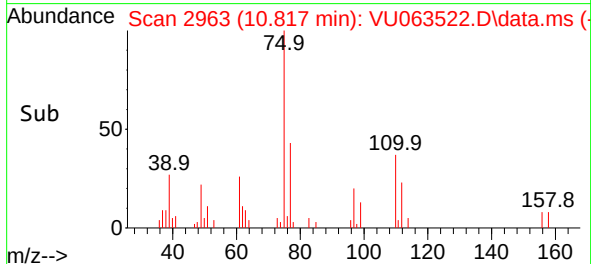
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



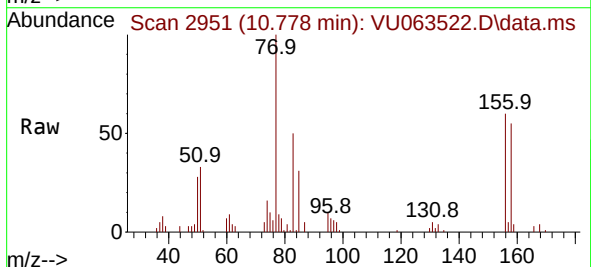
Tgt Ion: 75 Resp: 717
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 42.1 0.0 73.2
97 22.4 0.0 37.6

Manual Integrations
APPROVED

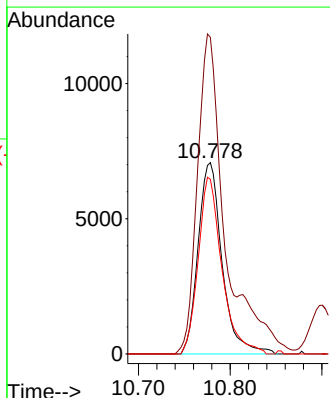
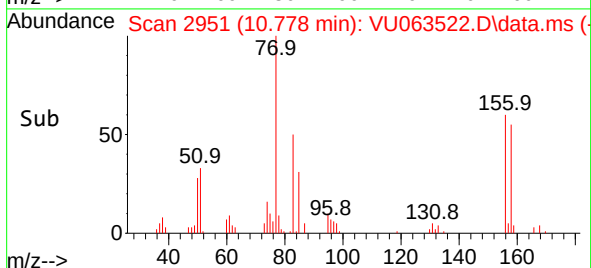
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

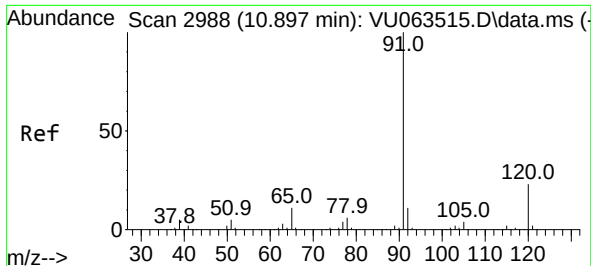


#72
Bromobenzene
Concen: 2.007 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13



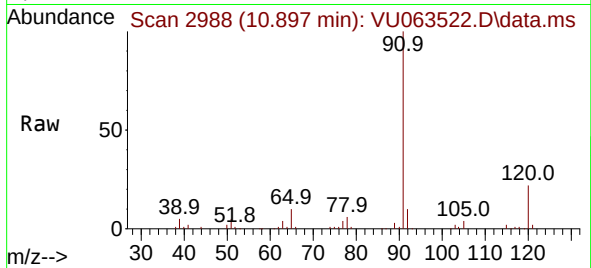
Tgt Ion:156 Resp: 12879
Ion Ratio Lower Upper
156 100
77 162.7 0.0 315.2
158 91.3 0.0 195.4





#73
n-propylbenzene
Concen: 2.023 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

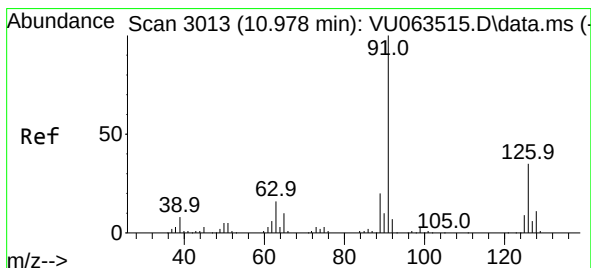
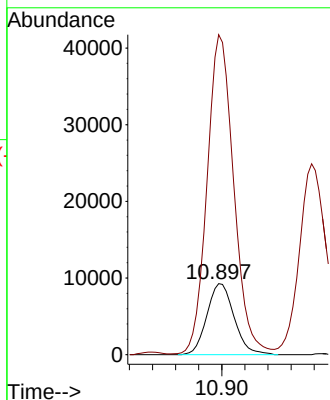
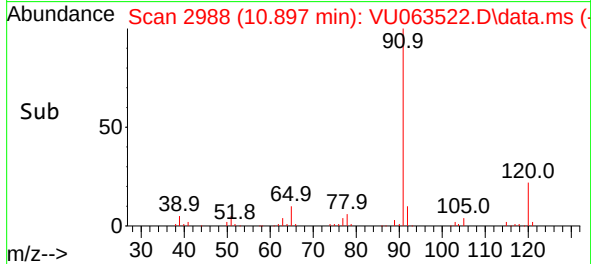
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



Tgt Ion:120 Resp: 1514
Ion Ratio Lower Upper
120 100
91 440.3 343.1 514.7

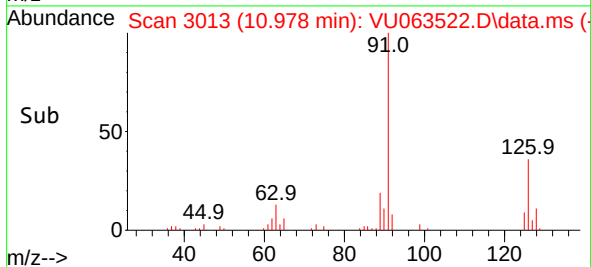
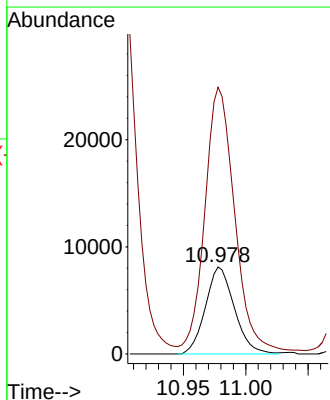
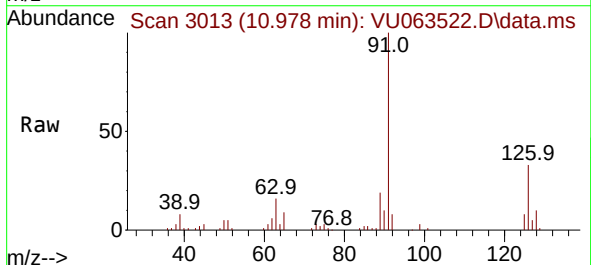
Manual Integrations
APPROVED

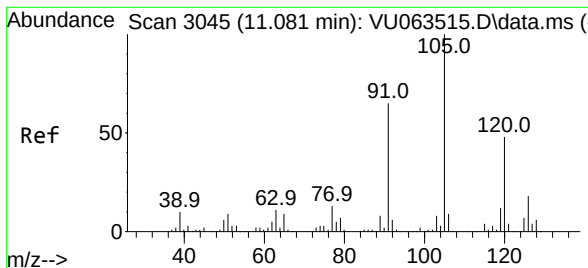
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#74
2-Chlorotoluene
Concen: 1.982 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Tgt Ion:126 Resp: 13109
Ion Ratio Lower Upper
126 100
91 313.6 0.0 606.0





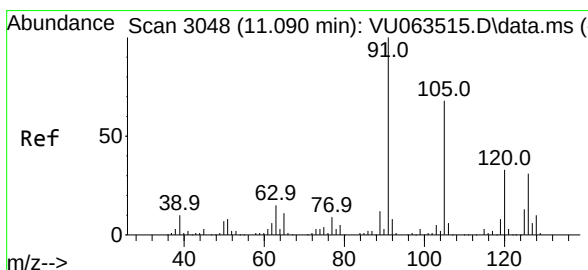
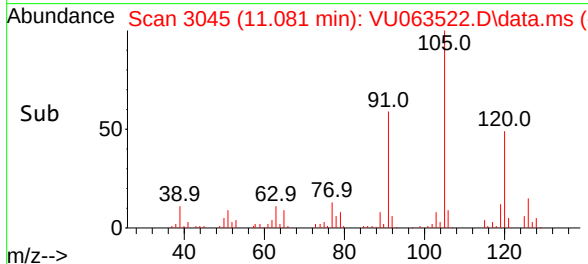
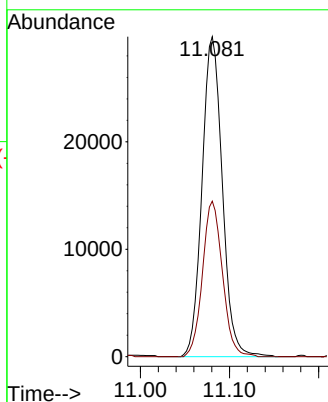
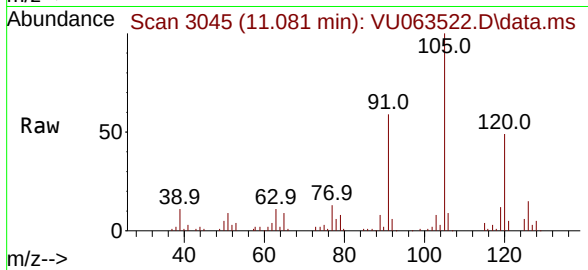
#75
1,3,5-Trimethylbenzene
Concen: 1.986 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01

Tgt Ion:105 Resp: 47178
Ion Ratio Lower Upper
105 100
120 47.7 37.8 56.8

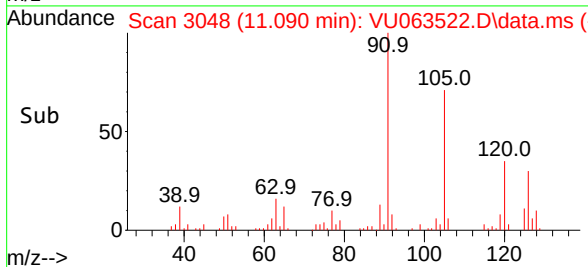
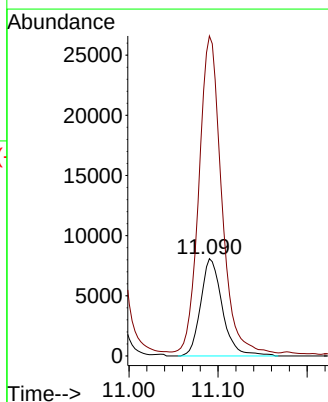
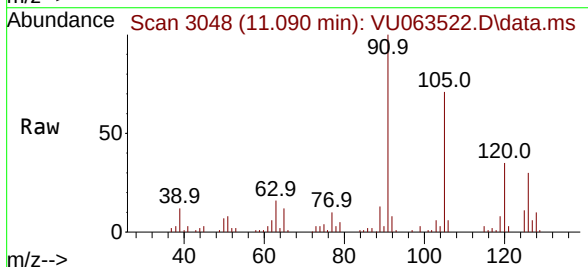
Manual Integrations
APPROVED

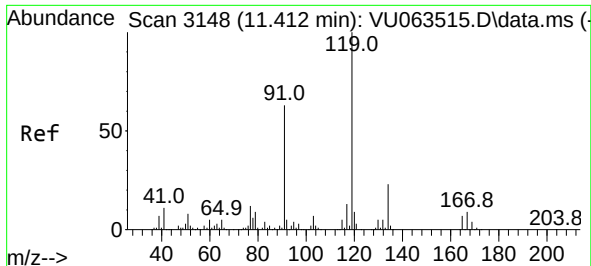
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#76
4-Chlorotoluene
Concen: 2.033 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

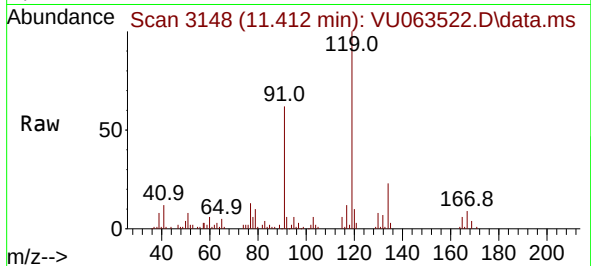
Tgt Ion:126 Resp: 13659
Ion Ratio Lower Upper
126 100
91 339.0 0.0 682.2





#77
tert-Butylbenzene
Concen: 2.000 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

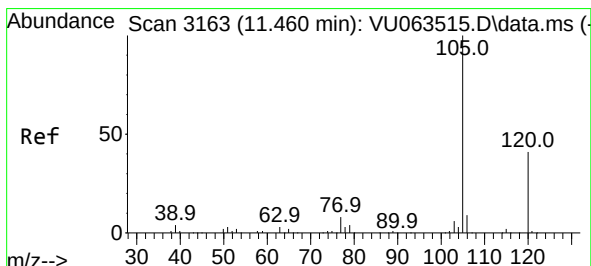
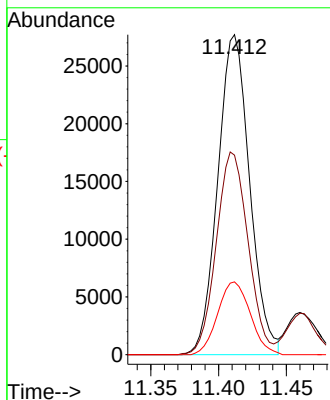
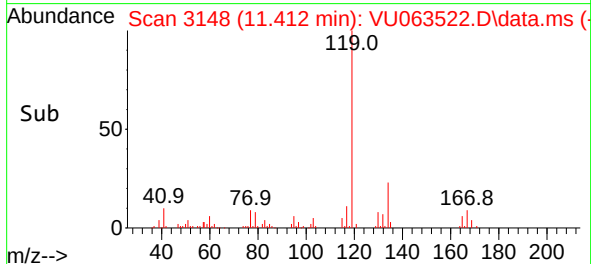
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



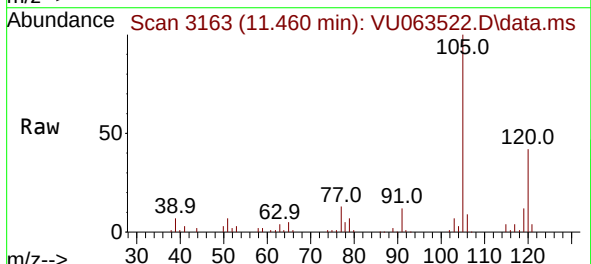
Tgt Ion:119 Resp: 45400
Ion Ratio Lower Upper
119 100
91 63.2 30.7 92.1
134 23.2 18.5 27.7

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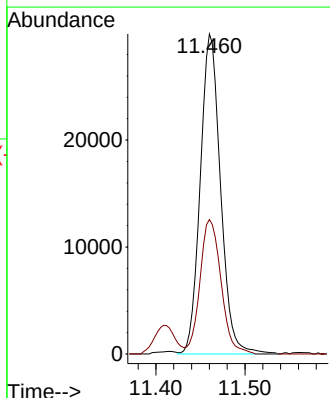
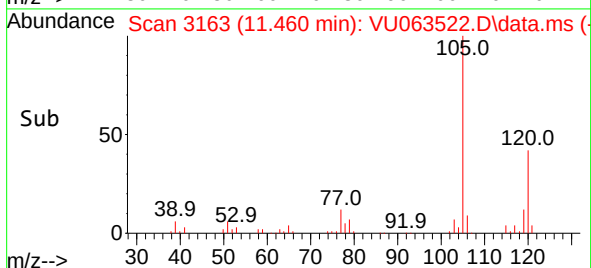
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

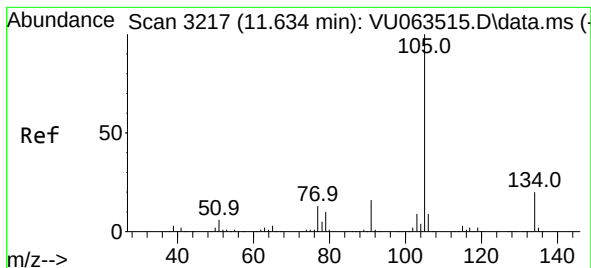


#78
1,2,4-Trimethylbenzene
Concen: 2.009 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13



Tgt Ion:105 Resp: 47334
Ion Ratio Lower Upper
105 100
120 43.6 22.7 68.0





#79

sec-Butylbenzene

Concen: 2.030 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. 0.000 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

Instrument :

MSVOA_U

ClientSampleId :

VU0717WBSD01

Tgt Ion:105 Resp: 6213

Ion Ratio Lower Upper

105 100

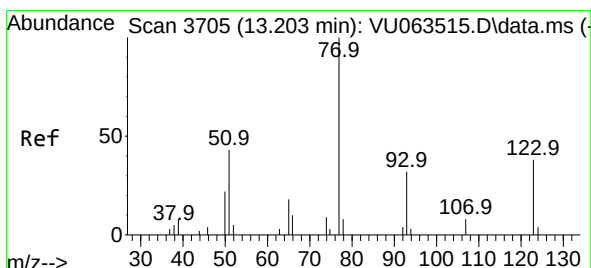
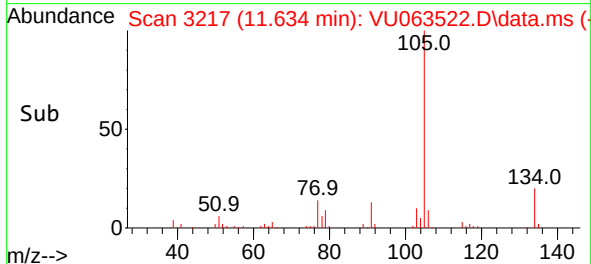
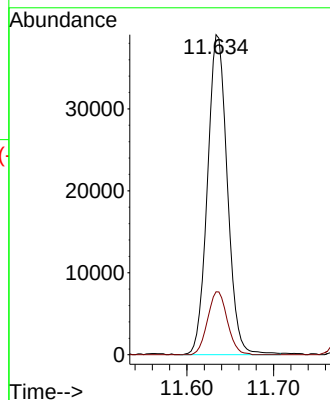
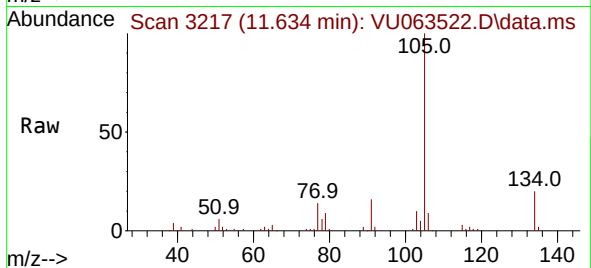
134 19.5 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#80

Nitrobenzene

Concen: 10.269 ug/l m

RT: 13.219 min Scan# 3710

Delta R.T. 0.016 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

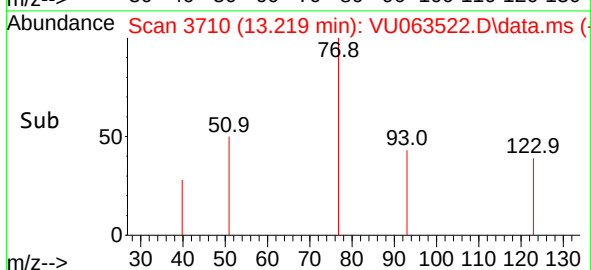
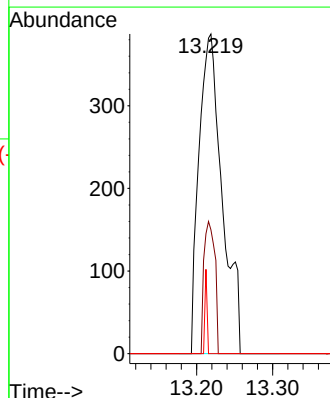
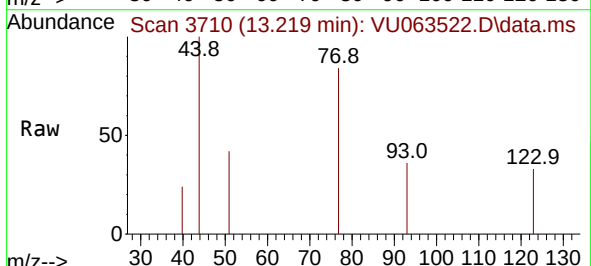
Tgt Ion: 77 Resp: 815

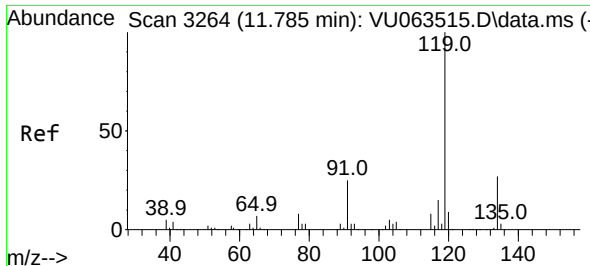
Ion Ratio Lower Upper

77 100

123 19.3 16.9 59.7

65 2.5 16.5 20.9#





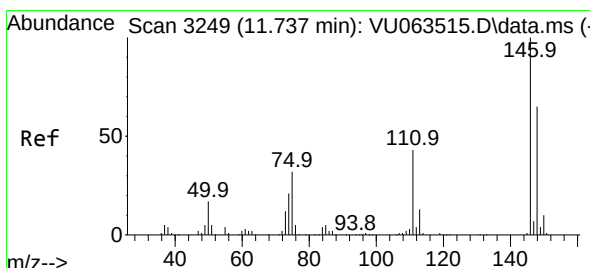
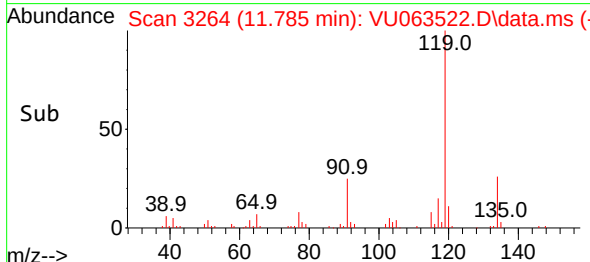
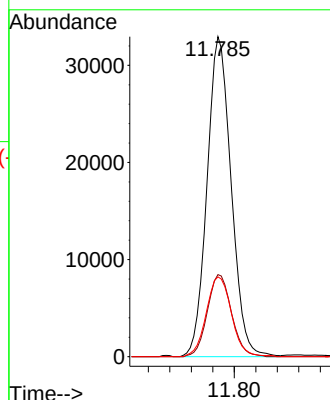
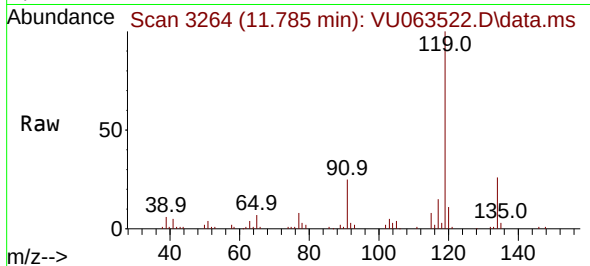
#81
p-Isopropyltoluene
Concen: 2.012 ug/l
RT: 11.785 min Scan# 3124
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01

Tgt Ion:119 Resp: 51424
Ion Ratio Lower Upper
119 100
134 25.6 21.1 31.7
91 26.0 19.8 29.8

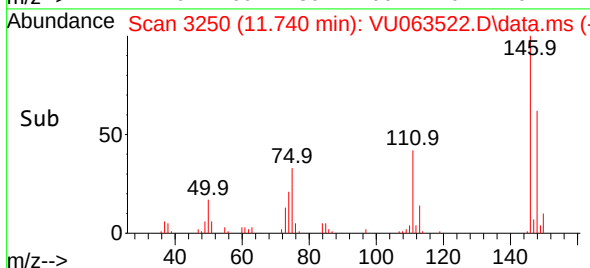
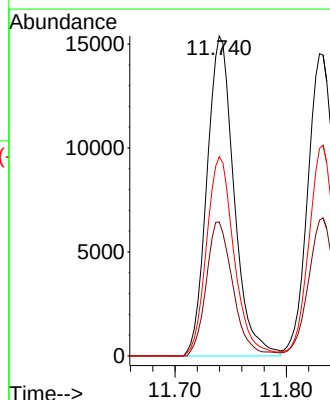
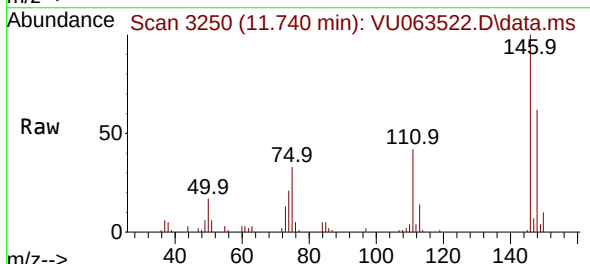
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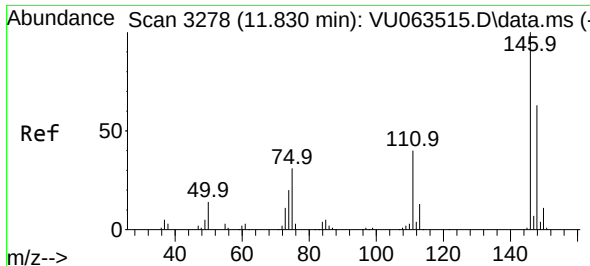
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#82
1,3-Dichlorobenzene
Concen: 2.031 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

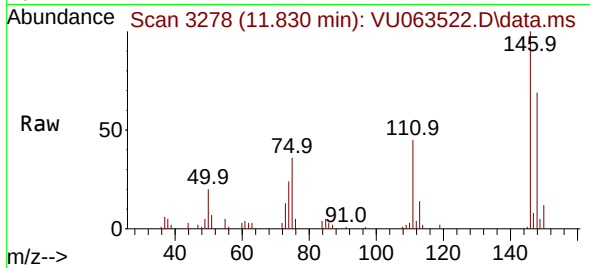
Tgt Ion:146 Resp: 26072
Ion Ratio Lower Upper
146 100
111 41.5 33.8 50.6
148 63.3 51.5 77.3





#83
1,4-Dichlorobenzene
Concen: 1.977 ug/l
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

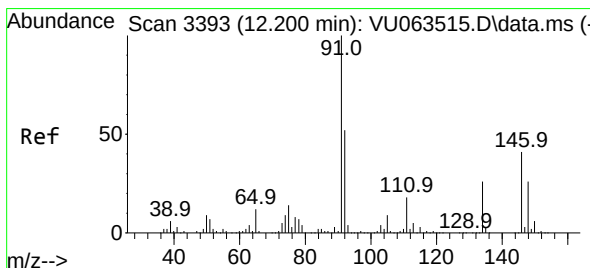
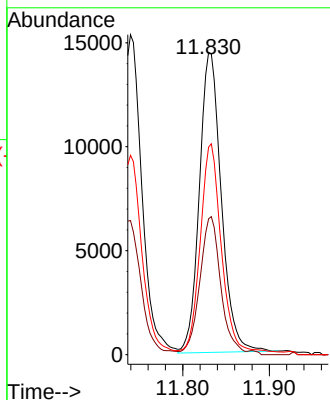
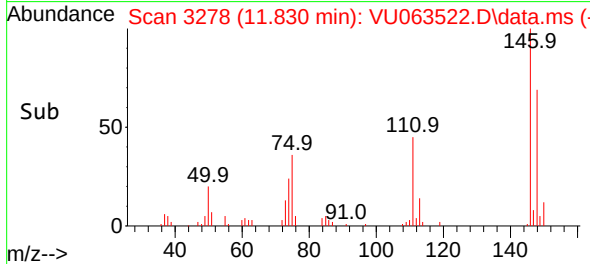
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



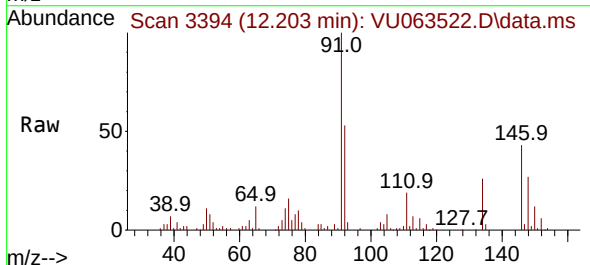
Tgt Ion:146 Resp: 25409
Ion Ratio Lower Upper
146 100
111 41.9 32.0 48.0
148 66.9 50.2 75.2

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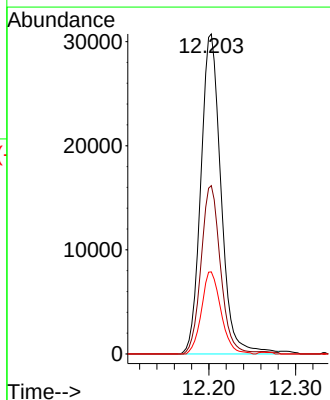
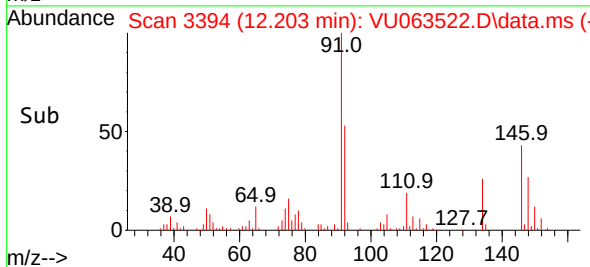
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

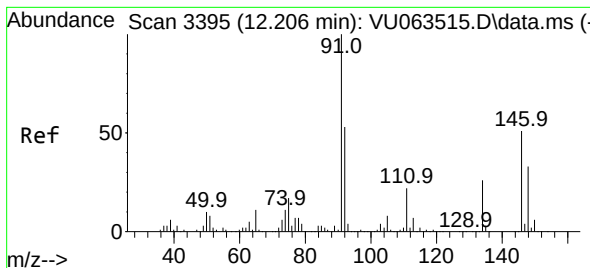


#84
n-Butylbenzene
Concen: 2.095 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13



Tgt Ion: 91 Resp: 49653
Ion Ratio Lower Upper
91 100
92 50.8 41.5 62.3
134 24.7 20.6 30.8





#85

1,2-Dichlorobenzene

Concen: 1.985 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

Instrument :

MSVOA_U

ClientSampleId :

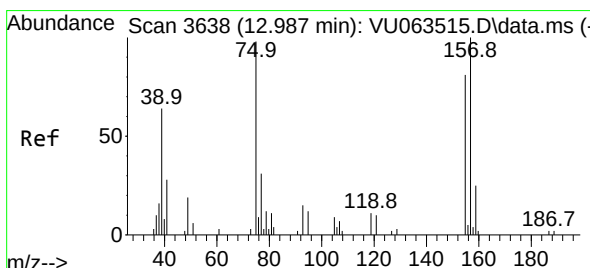
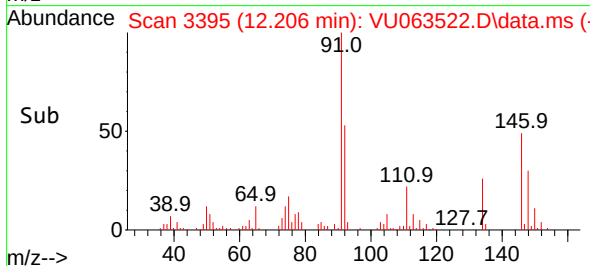
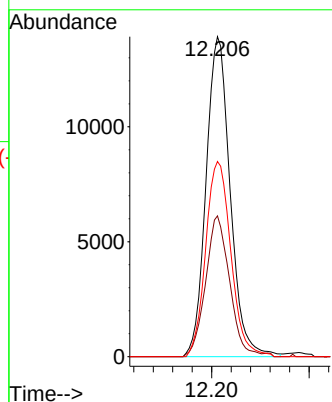
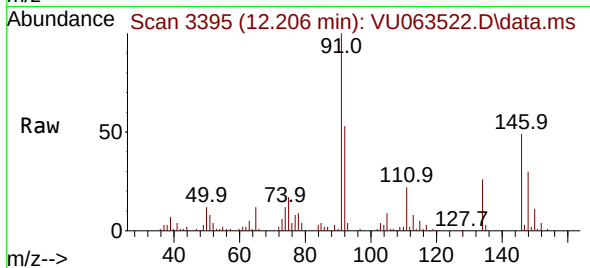
VU0717WBSD01

Tgt Ion:	146	Resp:	2394
Ion Ratio	Lower	Upper	
146	100		
111	43.6	21.7	65.1
148	63.8	31.8	95.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 2.003 ug/l

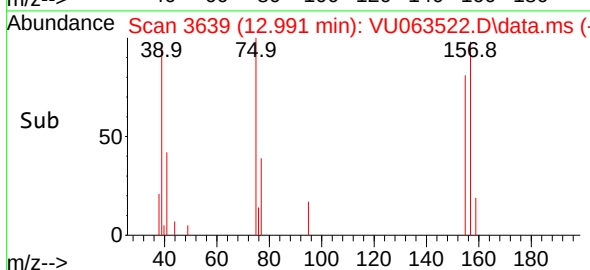
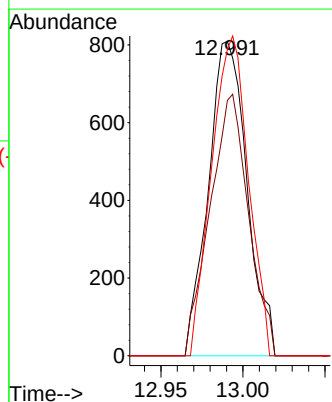
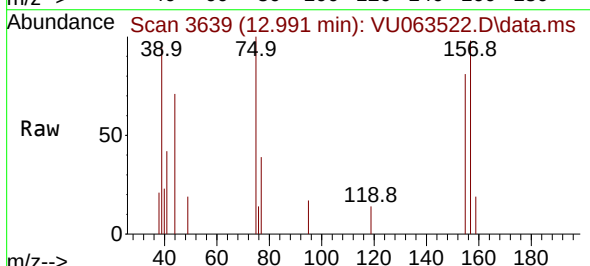
RT: 12.991 min Scan# 3639

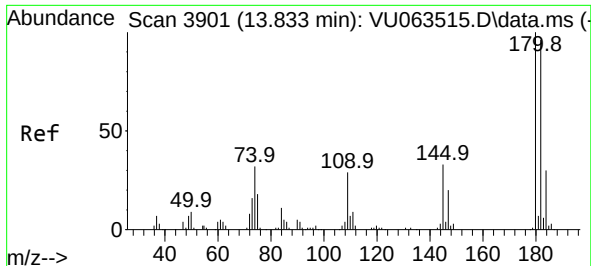
Delta R.T. 0.004 min

Lab File: VU063522.D

Acq: 17 Jul 2025 13:13

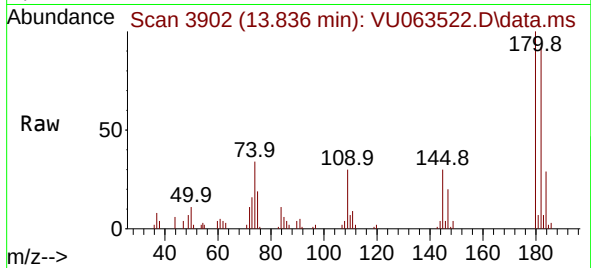
Tgt Ion:	75	Resp:	1326
Ion Ratio	Lower	Upper	
75	100		
155	82.9	65.8	98.6
157	97.0	81.4	122.2





#87
1,2,4-Trichlorobenzene
Concen: 2.028 ug/l
RT: 13.836 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

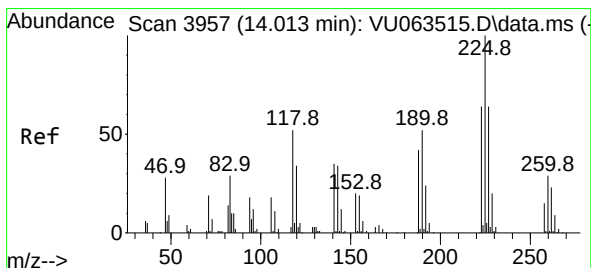
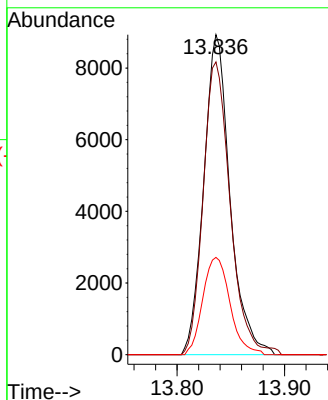
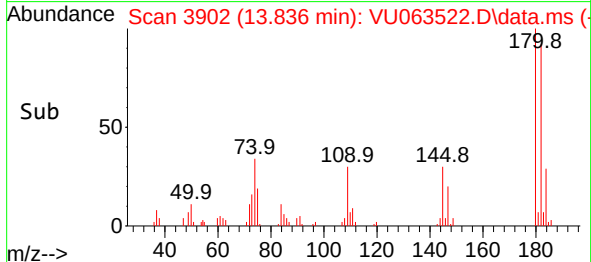
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



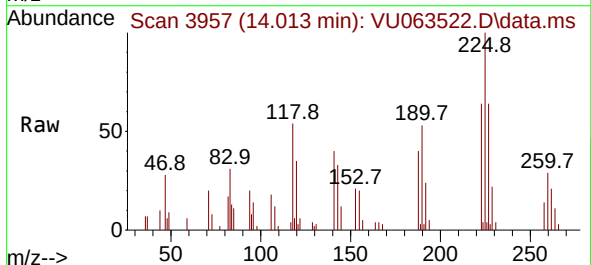
Tgt Ion:180 Resp: 15210
Ion Ratio Lower Upper
180 100
182 93.9 76.2 114.4
145 31.4 26.2 39.2

Manual Integrations
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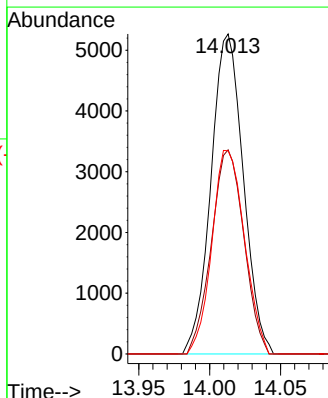
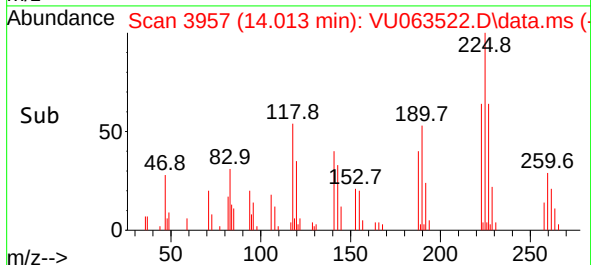
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

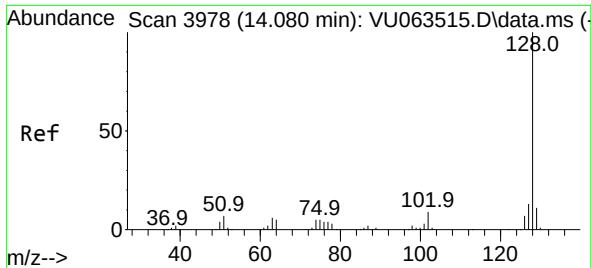


#88
Hexachlorobutadiene
Concen: 1.962 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13



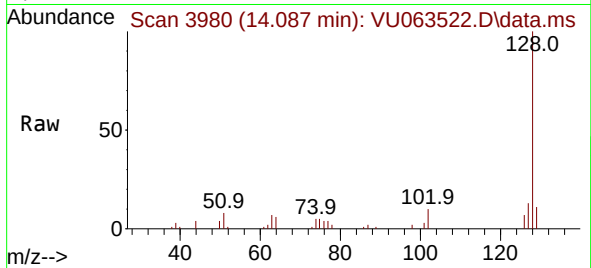
Tgt Ion:225 Resp: 8359
Ion Ratio Lower Upper
225 100
223 64.0 50.8 76.2
227 63.9 51.0 76.6





#89
Naphthalene
Concen: 2.112 ug/l
RT: 14.087 min Scan# 3978
Delta R.T. 0.007 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13

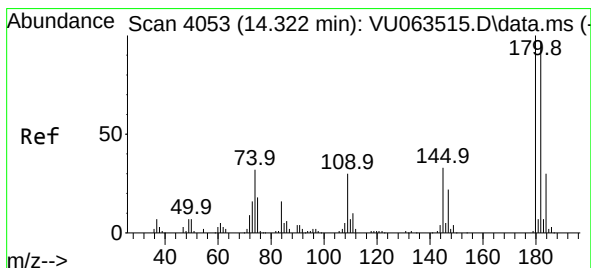
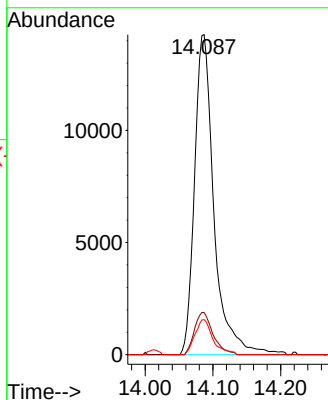
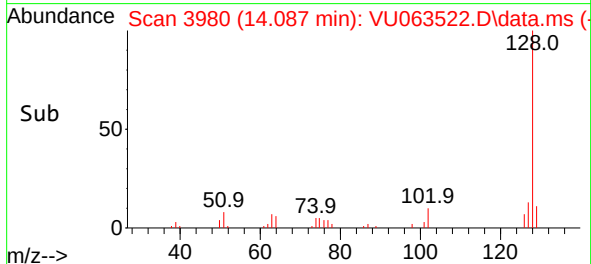
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBSD01



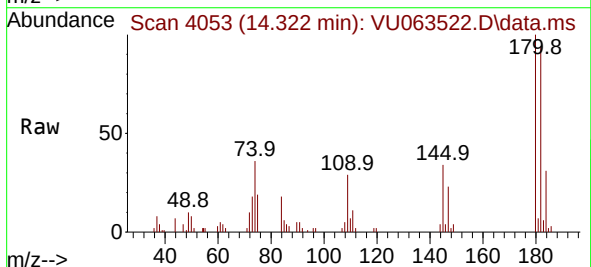
Tgt Ion:128 Resp: 28380
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#90
1,2,3-Trichlorobenzene
Concen: 2.033 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063522.D
Acq: 17 Jul 2025 13:13



Tgt Ion:180 Resp: 14091
Ion Ratio Lower Upper
180 100
182 95.5 78.0 117.0
145 33.4 27.3 40.9

