

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
 Data File : VU063457.D
 Acq On : 25 Jun 2025 14:03
 Operator : MD/SY
 Sample : Q2126-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: Jun 26 01:57:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 26 01:53:14 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

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

Internal Standards						
1) Fluorobenzene	6.103	96	46743	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15547	0.906	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	15815	0.918	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	14898	0.830	ug/l	97
3) Chloromethane	1.518	50	17979	0.760	ug/l	95
4) Vinyl Chloride	1.599	62	16970	0.838	ug/l	98
5) Bromomethane	1.846	94	10996	1.133	ug/l	92
6) Chloroethane	1.924	64	9903	0.826	ug/l	99
7) Trichlorofluoromethane	2.126	101	18973	0.822	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	9828	0.799	ug/l	96
9) 1,1-Dichloroethene	2.570	96	9994	0.814	ug/l	98
10) Iodomethane	2.711	142	5872	0.593	ug/l	96
11) Allyl Chloride	2.907	41	15871	0.726	ug/l	100
12) Acrylonitrile	3.309	53	5824	1.642	ug/l	97
13) Acetone	2.624	43	10954	3.080	ug/l	96
14) Carbon Disulfide	2.776	76	33018	0.771	ug/l	100
15) Methylene Chloride	3.030	84	56531	3.634	ug/l	96
16) trans-1,2-Dichloroethene	3.335	96	11582	0.839	ug/l	91
17) 1,1-Dichloroethane	3.849	63	22481	0.775	ug/l	98
18) 2-Butanone	4.718	43	17262	3.488	ug/l	100
19) Cyclohexane	5.354	56	18315	0.835	ug/l	98
20) Methylcyclohexane	6.743	83	14041m	0.689	ug/l	
21) 2,2-Dichloropropane	4.647	77	16336	0.793	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	12176	0.808	ug/l	94
23) Diethyl Ether	2.370	59	8069	0.729	ug/l	97
24) tert-Butyl Alcohol	3.206	59	9281	7.955	ug/l	97
25) Methyl tert-Butyl Ether	3.367	73	26479	0.793	ug/l	98
26) Bromochloromethane	4.956	128	4611	0.786	ug/l	89
27) Chloroform	5.071	83	21469	0.790	ug/l	95
28) 1,1,1-Trichloroethane	5.293	97	16866	0.765	ug/l	97
29) 1,1-Dichloropropene	5.502	75	15897	0.789	ug/l	95
30) Carbon Tetrachloride	5.499	117	13842	0.786	ug/l	95
31) Isopropyl Ether	3.997	45	35213	0.777	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	29339m	0.764	ug/l	
33) Tert-Amyl methyl ether	5.946	73	20689m	0.753	ug/l	
34) Propionitrile	4.775	54	5396	3.769	ug/l	# 93
35) Benzene	5.759	78	47526	0.780	ug/l	96
36) 1,2-Dichloroethane	5.785	62	13796	0.775	ug/l	98
37) Trichloroethene	6.531	130	10877	0.756	ug/l	97
38) 1,2-Dichloropropane	6.785	63	13228	0.786	ug/l	91
39) Methacrylonitrile	4.978	41	4546	0.763	ug/l	# 94
40) Methyl acrylate	4.859	55	6721m	0.804	ug/l	
41) Tetrahydrofuran	5.065	42	5181	1.617	ug/l	95
42) 1-Chlorobutane	5.438	56	21813m	0.764	ug/l	
43) Dibromomethane	6.914	93	5656	0.720	ug/l	97
44) Bromodichloromethane	7.100	83	14387	0.752	ug/l	97

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 ALS Vial : 9 Sample Multiplier: 1

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Quant Time: Jun 26 01:57:41 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	27233	3.228	ug/l	96
46) t-1,4-Dichloro-2-butene	10.827	75	4776m	1.722	ug/l	
47) Methyl methacrylate	6.978	69	7763	1.275	ug/l	96
48) Ethyl methacrylate	8.338	69	7289	0.669	ug/l	96
49) Toluene	7.962	92	21918	0.655	ug/l	98
50) t-1,3-Dichloropropene	8.209	75	9441	0.684	ug/l	96
51) cis-1,3-Dichloropropene	7.605	75	12180	0.657	ug/l	97
52) 1,1,2-Trichloroethane	8.396	97	9559	0.832	ug/l	95
53) 1,3-Dichloropropane	8.573	76	14677	0.743	ug/l	99
54) 2-Hexanone	8.698	43	17360	3.067	ug/l	91
55) Dibromochloromethane	8.804	129	8591	0.725	ug/l	96
56) 1,2-Dibromoethane	8.920	107	7194	0.772	ug/l	99
58) Tetrachloroethene	8.541	164	10622	0.752	ug/l	97
59) Chlorobenzene	9.444	112	24509	0.685	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.524	131	9956	0.773	ug/l	99
61) Pentachloroethane	11.415	117	8312	0.792	ug/l	93
62) Hexachloroethane	12.466	117	7360	0.780	ug/l	94
63) Ethyl Benzene	9.563	91	36768	0.641	ug/l	95
64) m/p-Xylenes	9.688	106	26172	1.169	ug/l	97
65) o-Xylene	10.094	106	12966	0.595	ug/l	99
66) Styrene	10.113	104	20999	0.591	ug/l	99
67) Bromoform	10.283	173	4671	0.721	ug/l	99
69) Isopropylbenzene	10.476	105	31970	0.633	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	11312	0.770	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	10119m	0.843	ug/l	
72) Bromobenzene	10.778	156	9581	0.676	ug/l	86
73) n-propylbenzene	10.897	120	9696	0.633	ug/l	95
74) 2-Chlorotoluene	10.981	126	8926	0.637	ug/l	95
75) 1,3,5-Trimethylbenzene	11.081	105	29277	0.596	ug/l	98
76) 4-Chlorotoluene	11.094	126	8924	0.608	ug/l	96
77) tert-Butylbenzene	11.412	119	30223	0.651	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	28790	0.582	ug/l	99
79) sec-Butylbenzene	11.637	105	40160	0.611	ug/l	98
80) Nitrobenzene	13.229	77	1994m	2.978	ug/l	
81) p-Isopropyltoluene	11.785	119	31120	0.606	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	21480	0.731	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	21452m	0.704	ug/l	
84) n-Butylbenzene	12.203	91	31547	0.586	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	19915	0.708	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.997	75	1361	0.674	ug/l	92
87) 1,2,4-Trichlorobenzene	13.839	180	10375	0.662	ug/l	99
88) Hexachlorobutadiene	14.013	225	8070	0.726	ug/l	95
89) Naphthalene	14.090	128	16000	0.613	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	9804	0.629	ug/l	95

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

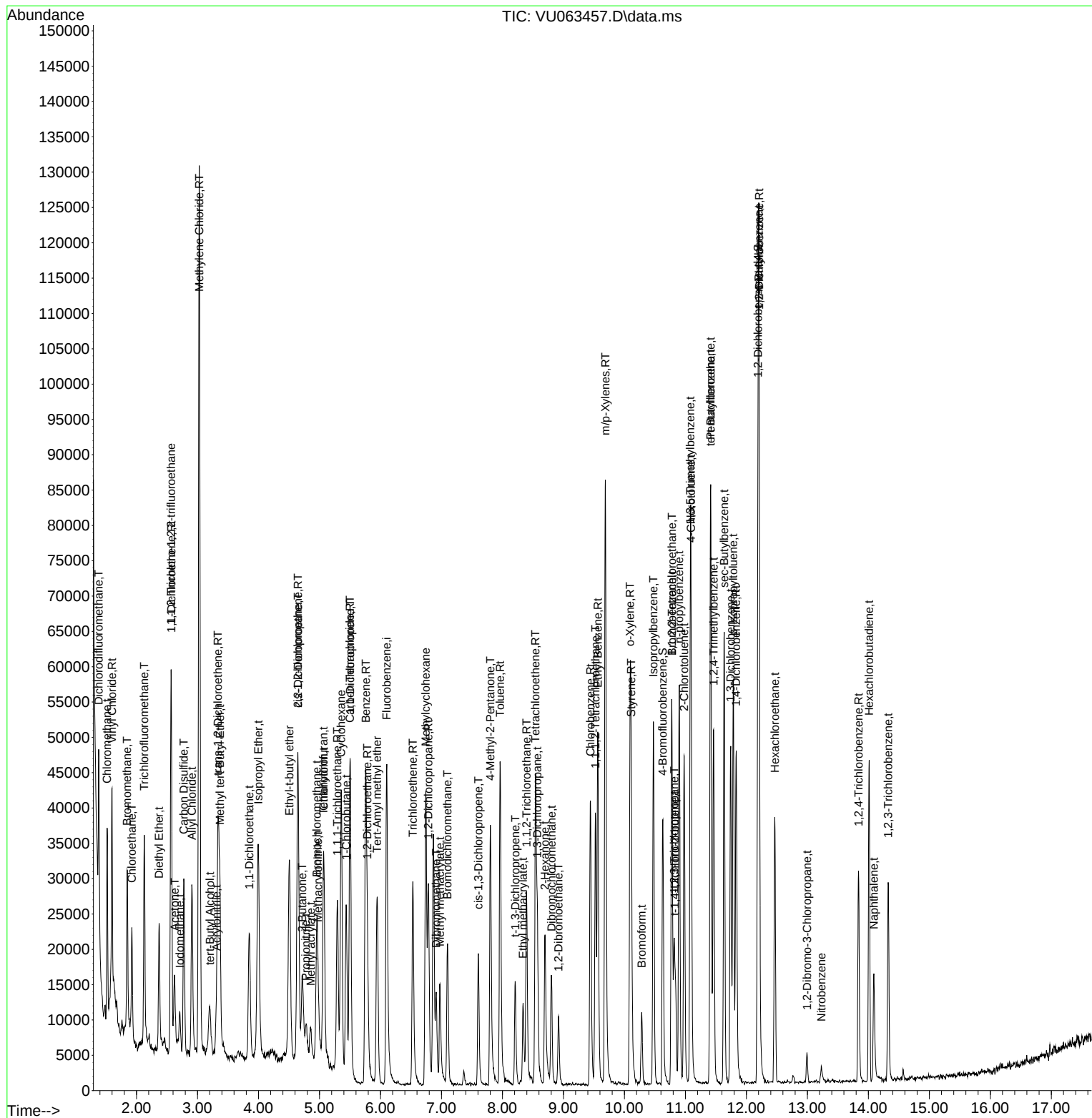
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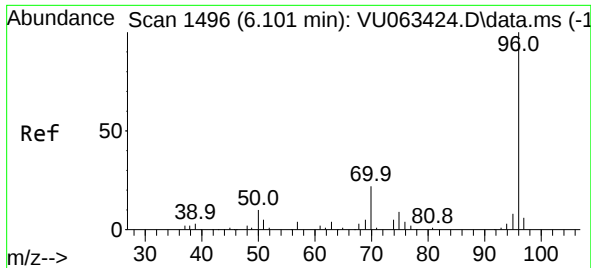
Instrument :
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 ClientSampleId :
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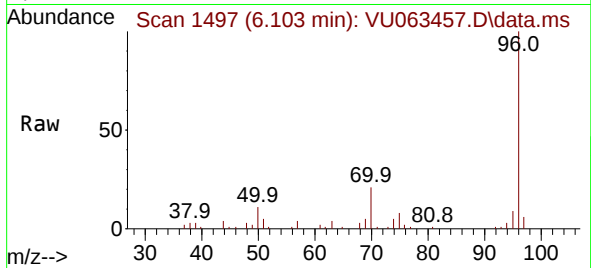
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1496
Delta R.T. 0.002 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

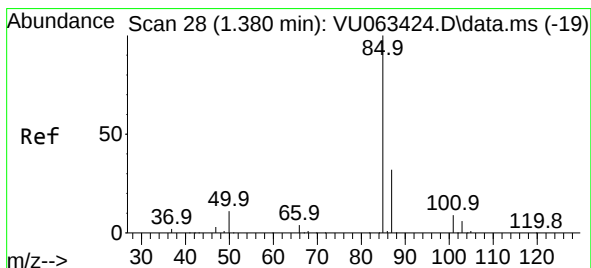
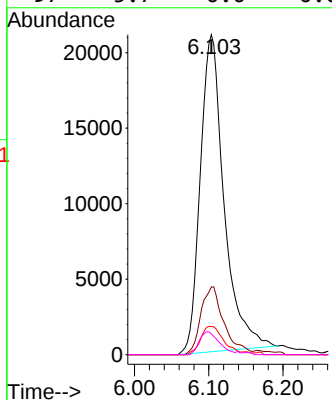
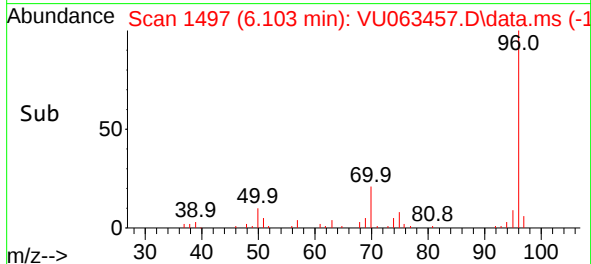
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 96 Resp: 4674
Ion Ratio Lower Upper
96 100
70 19.5 16.4 24.6
95 8.3 6.2 9.2
97 5.7 0.0 0.0#

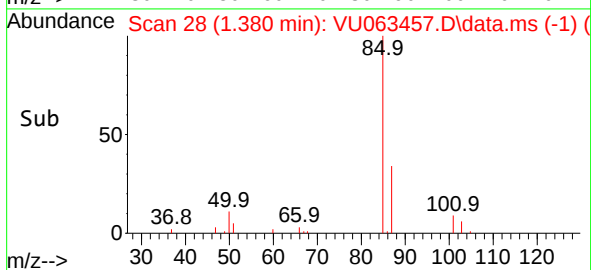
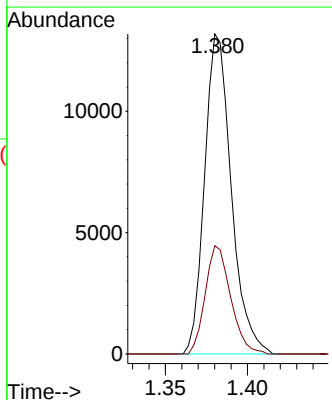
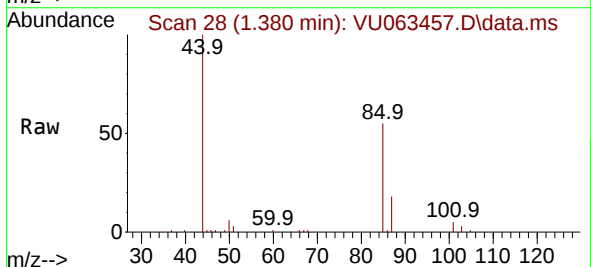
Manual Integrations
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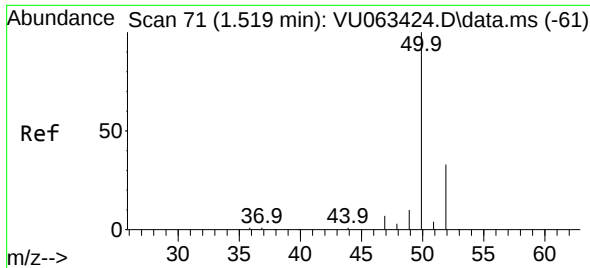
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#2
Dichlorodifluoromethane
Concen: 0.830 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

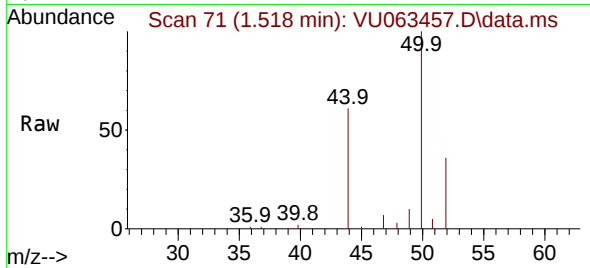
Tgt Ion: 85 Resp: 14898
Ion Ratio Lower Upper
85 100
87 33.8 16.2 48.5





#3
Chloromethane
Concen: 0.760 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

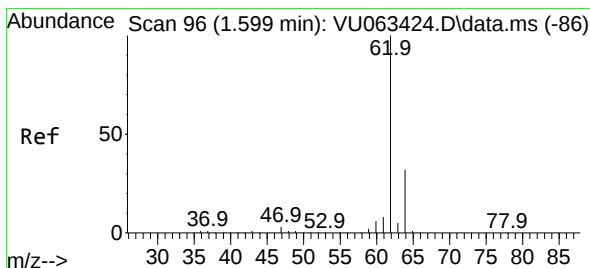
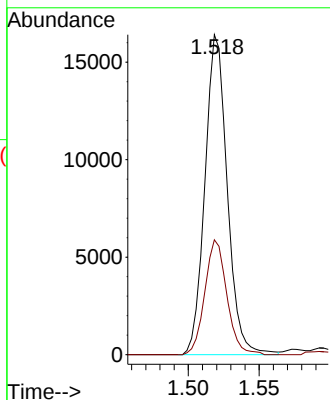
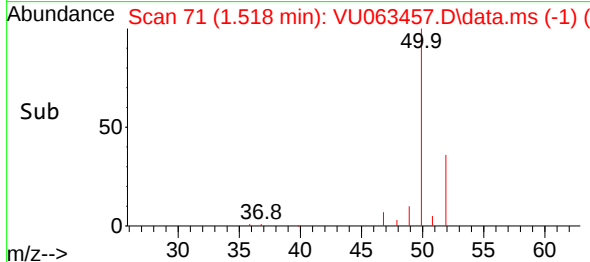
Instrument :
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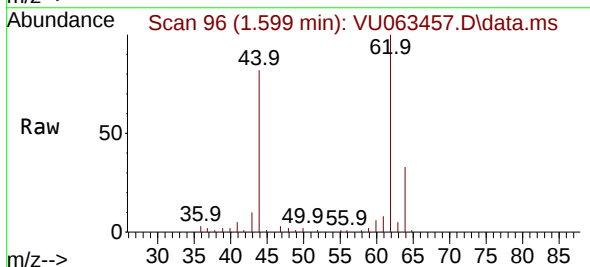
Tgt Ion: 50 Resp: 17979
Ion Ratio Lower Upper
50 100
52 35.9 26.6 40.0

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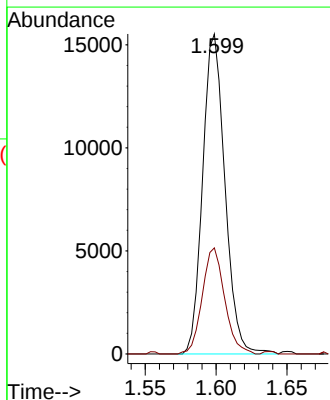
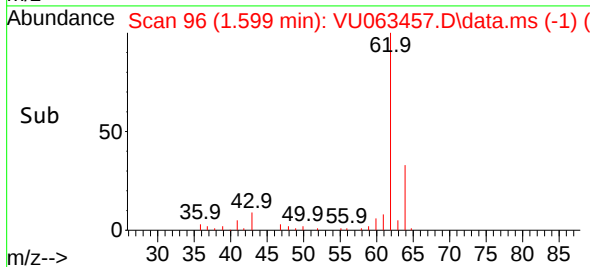
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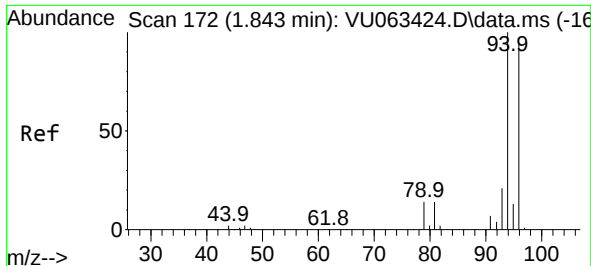


#4
Vinyl Chloride
Concen: 0.838 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03



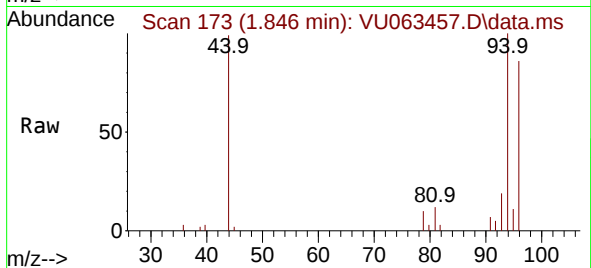
Tgt Ion: 62 Resp: 16970
Ion Ratio Lower Upper
62 100
64 33.1 25.7 38.5





#5
Bromomethane
Concen: 1.133 ug/l
RT: 1.846 min Scan# 172
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

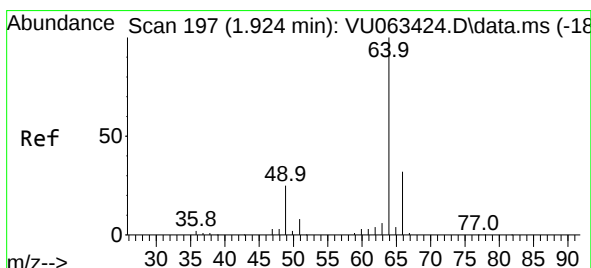
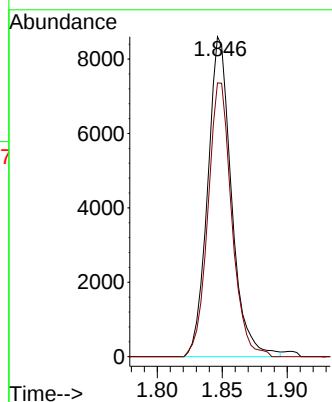
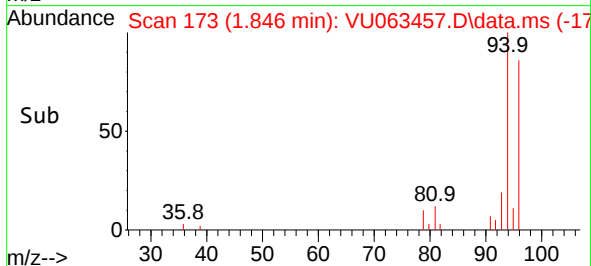
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Tgt Ion: 94 Resp: 10990
Ion Ratio Lower Upper
94 100
96 85.6 74.8 112.2

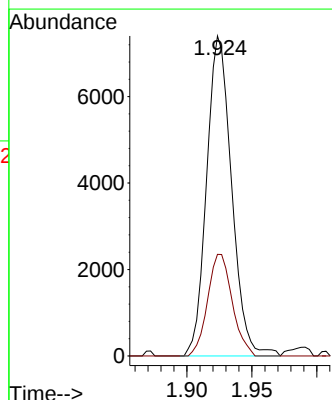
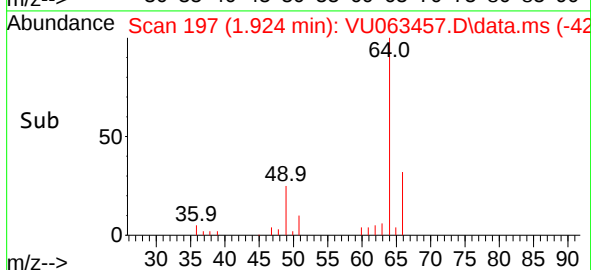
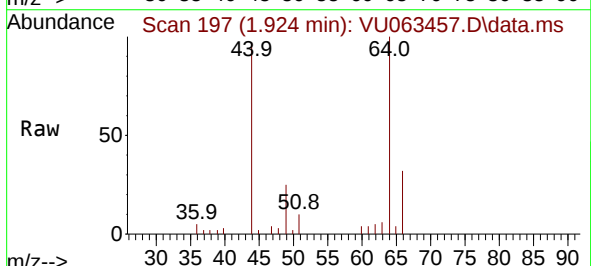
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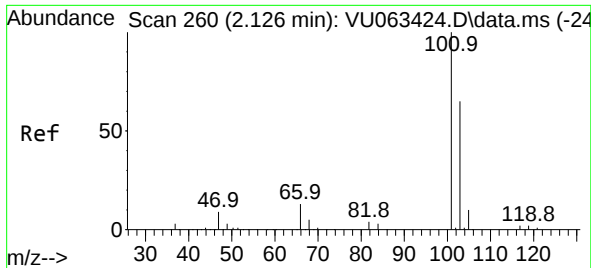
Reviewed By :Mahesh Dadoda 06/26/2025
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#6
Chloroethane
Concen: 0.826 ug/l
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

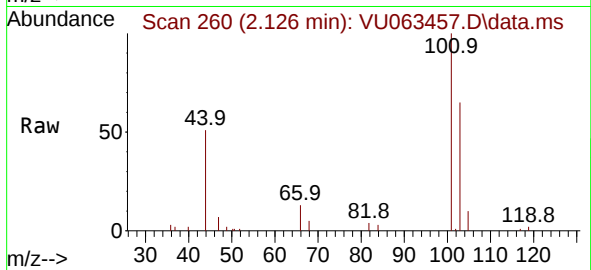
Tgt Ion: 64 Resp: 9903
Ion Ratio Lower Upper
64 100
66 31.8 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 0.822 ug/l
 RT: 2.126 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03

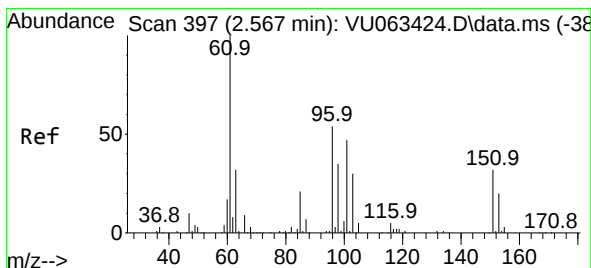
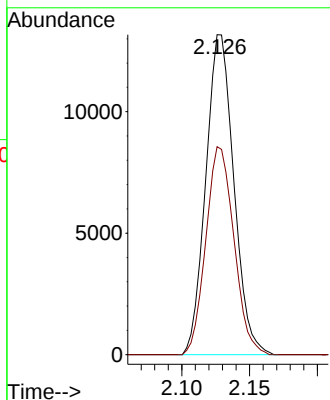
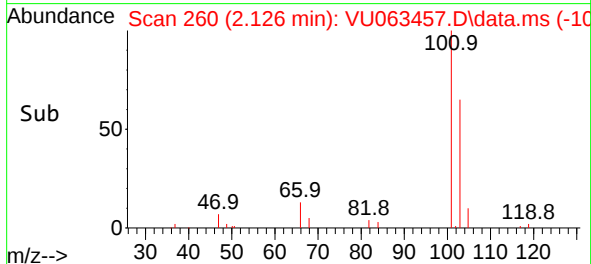
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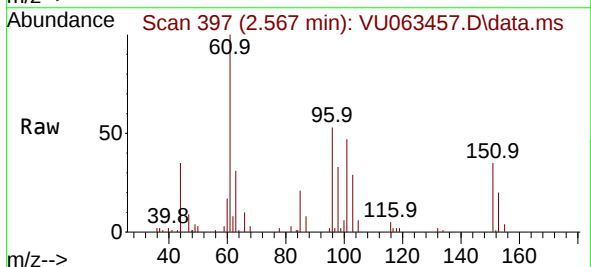
Tgt Ion:101 Resp: 1897
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.3 78.5

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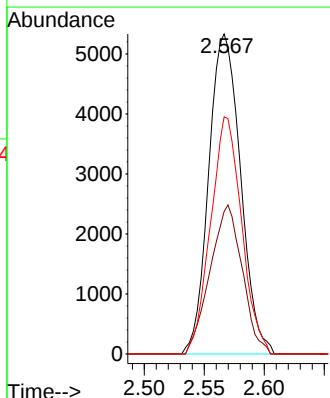
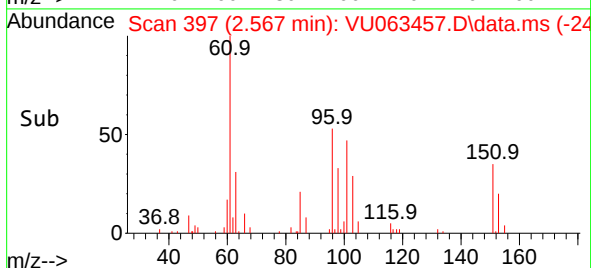
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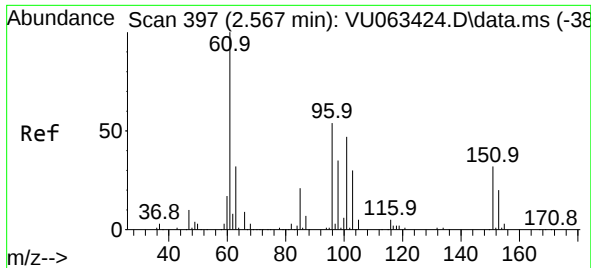


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.799 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03



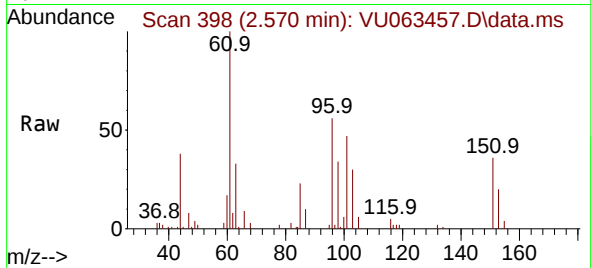
Tgt Ion:101 Resp: 9828
 Ion Ratio Lower Upper
 101 100
 85 47.1 36.7 55.1
 151 72.2 53.9 80.9





#9
1,1-Dichloroethene
Concen: 0.814 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

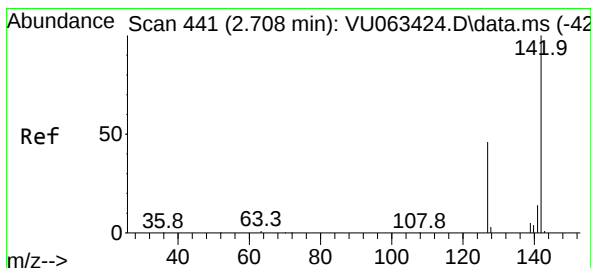
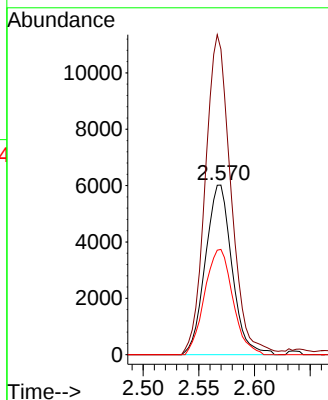
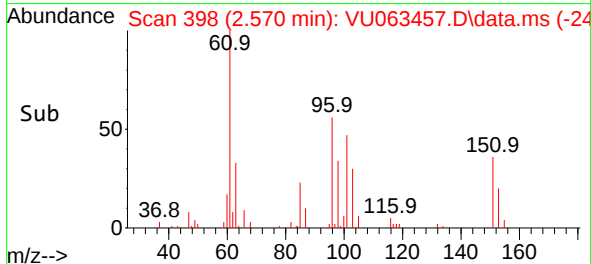
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



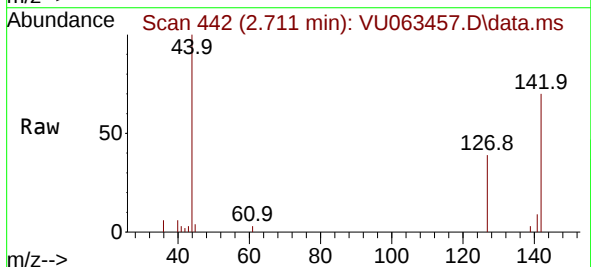
Tgt Ion: 96 Resp: 9994
Ion Ratio Lower Upper
96 100
61 180.1 0.0 552.0
98 64.8 0.0 128.4

Manual Integrations
APPROVED

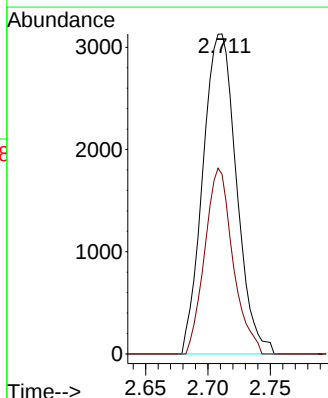
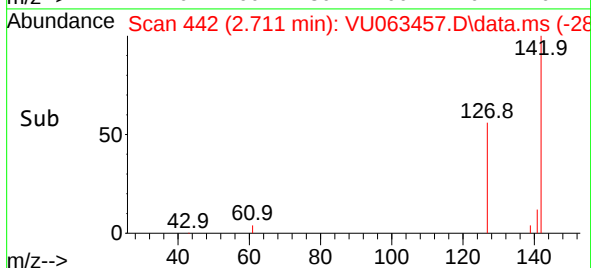
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

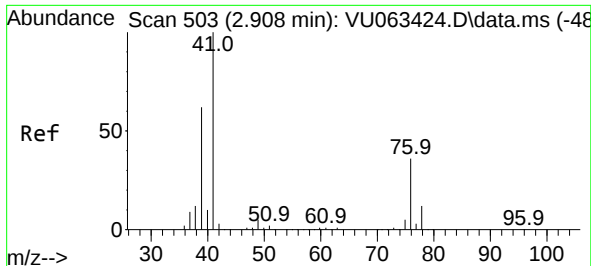


#10
Iodomethane
Concen: 0.593 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03



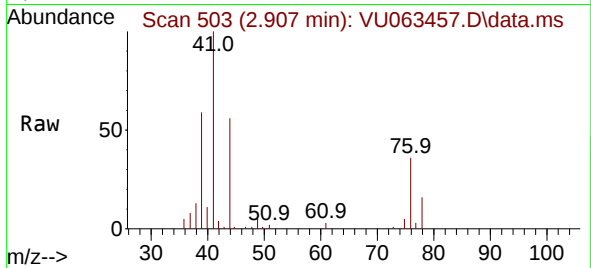
Tgt Ion:142 Resp: 5872
Ion Ratio Lower Upper
142 100
127 48.7 36.9 55.3





#11
 Allyl Chloride
 Concen: 0.726 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. -0.001 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03

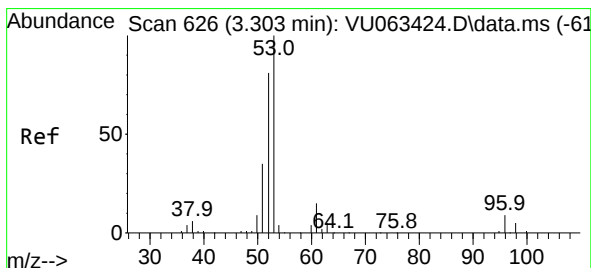
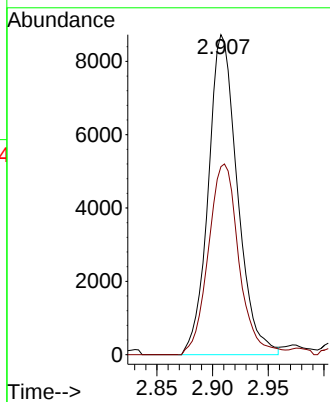
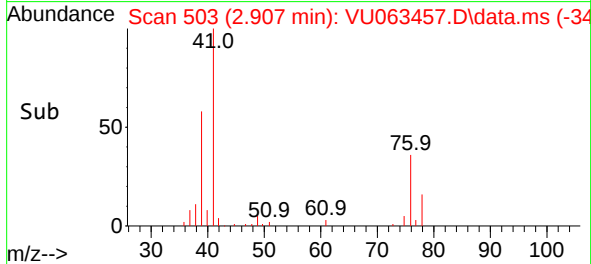
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025



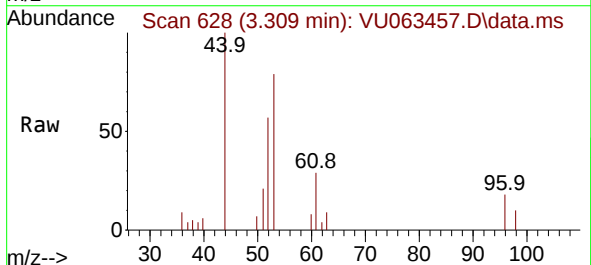
Tgt Ion: 41 Resp: 1587
 Ion Ratio Lower Upper
 41 100
 39 62.7 50.3 75.5

Manual Integrations
 APPROVED

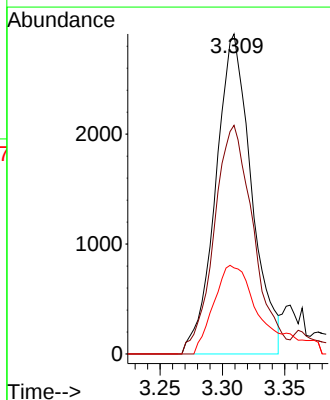
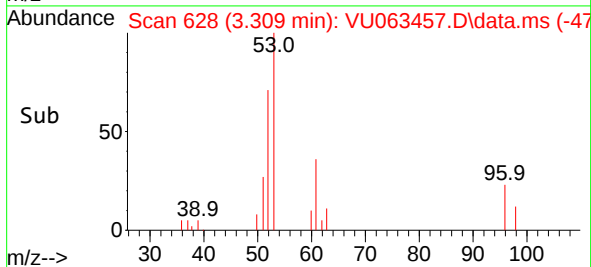
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025

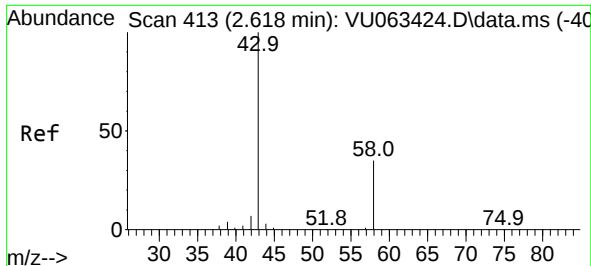


#12
 Acrylonitrile
 Concen: 1.642 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. 0.006 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03



Tgt Ion: 53 Resp: 5824
 Ion Ratio Lower Upper
 53 100
 52 78.9 62.8 94.2
 51 37.0 26.2 39.4





#13

Acetone

Concen: 3.080 ug/l

RT: 2.624 min Scan# 413

Delta R.T. 0.006 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

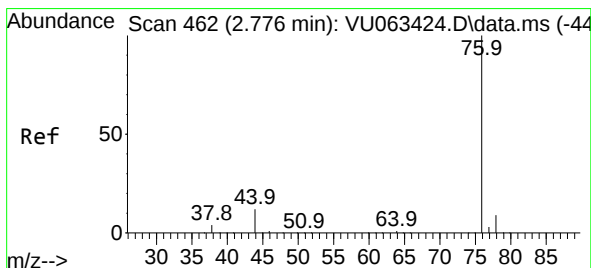
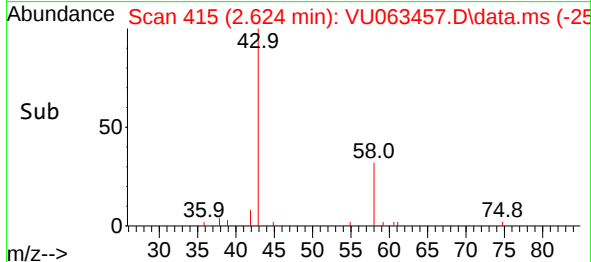
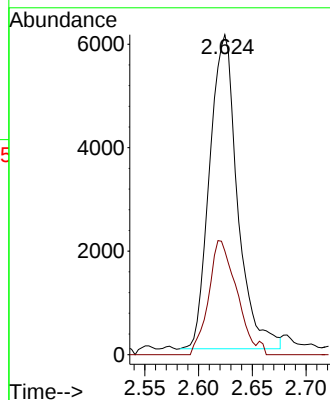
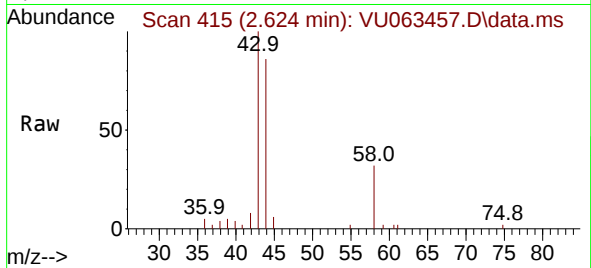
ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 10954
 Ion Ratio Lower Upper
 43 100
 58 33.0 28.3 42.5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#14

Carbon Disulfide

Concen: 0.771 ug/l

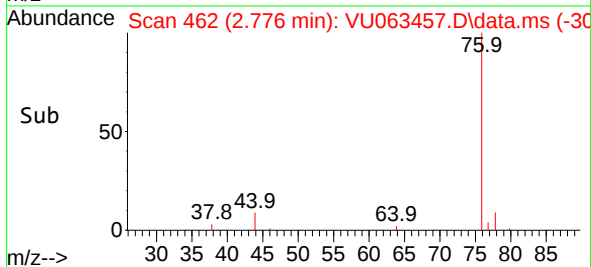
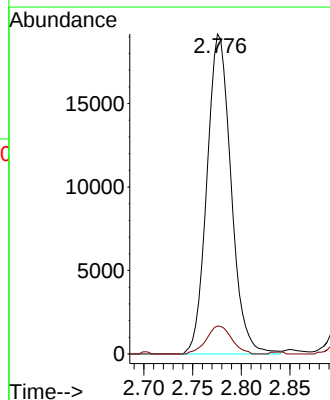
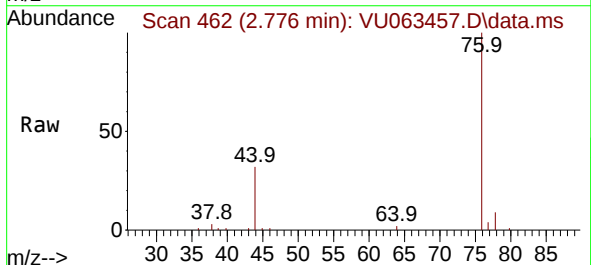
RT: 2.776 min Scan# 462

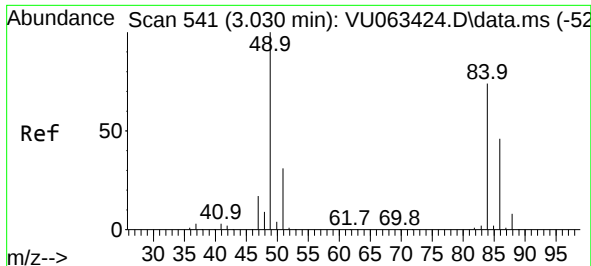
Delta R.T. -0.000 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

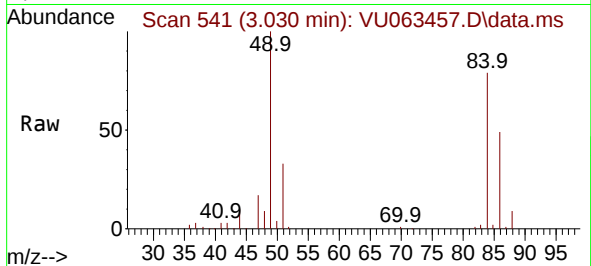
Tgt Ion: 76 Resp: 33018
 Ion Ratio Lower Upper
 76 100
 78 8.7 6.9 10.3





#15
Methylene Chloride
Concen: 3.634 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

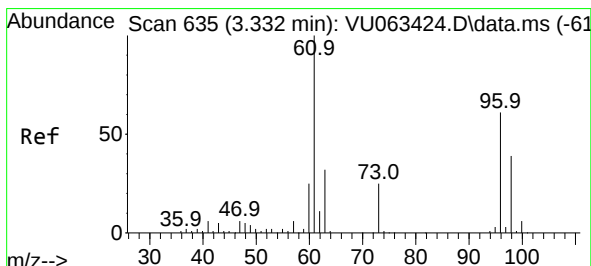
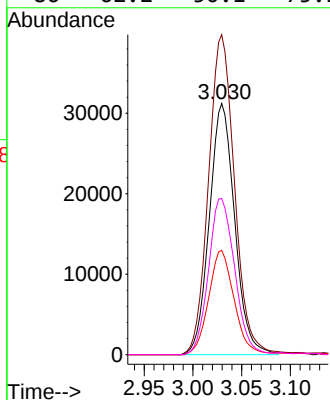
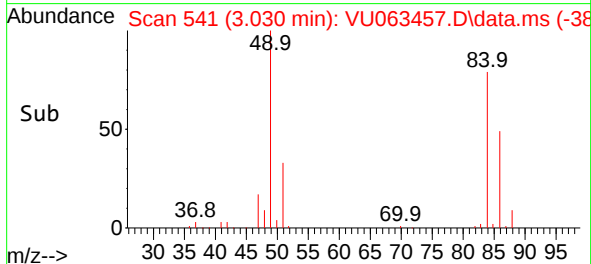
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



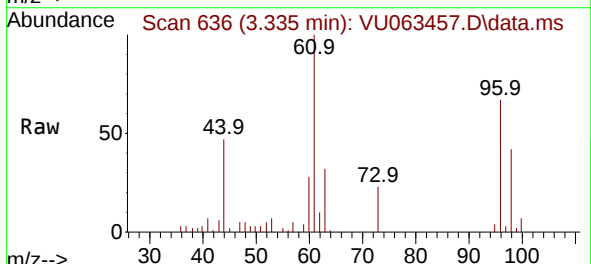
Tgt Ion: 84 Resp: 5653
Ion Ratio Lower Upper
84 100
49 127.4 108.7 163.1
51 41.5 0.0 83.8
86 62.2 50.1 75.1

Manual Integrations
APPROVED

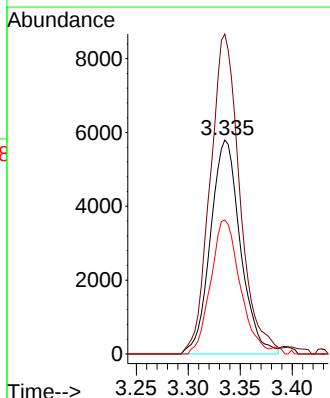
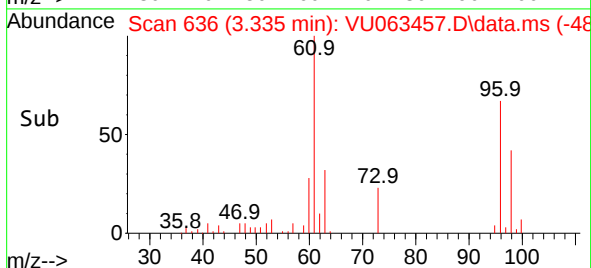
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

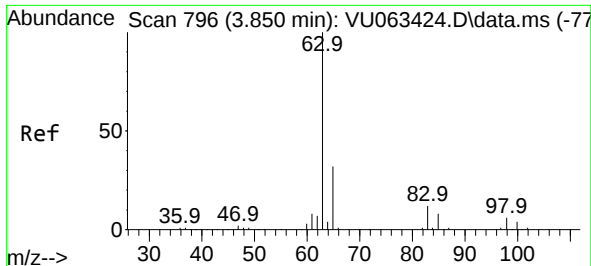


#16
trans-1,2-Dichloroethene
Concen: 0.839 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03



Tgt Ion: 96 Resp: 11582
Ion Ratio Lower Upper
96 100
61 149.6 132.1 198.1
98 62.6 51.0 76.4





#17

1,1-Dichloroethane

Concen: 0.775 ug/l

RT: 3.849 min Scan# 796

Delta R.T. -0.000 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

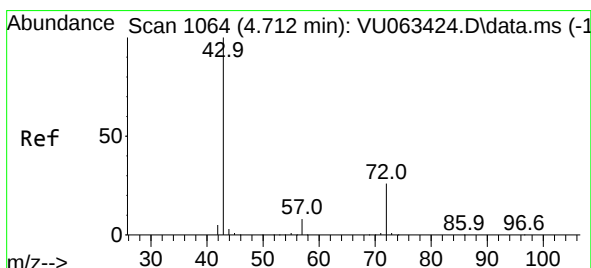
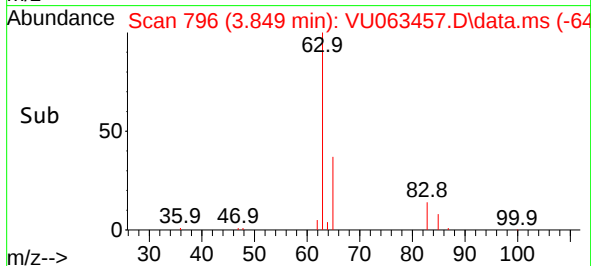
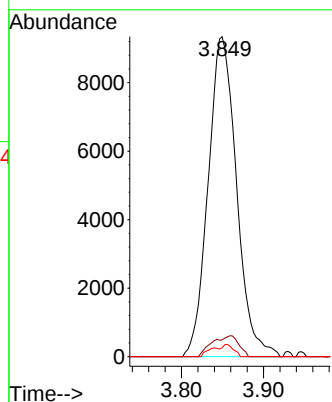
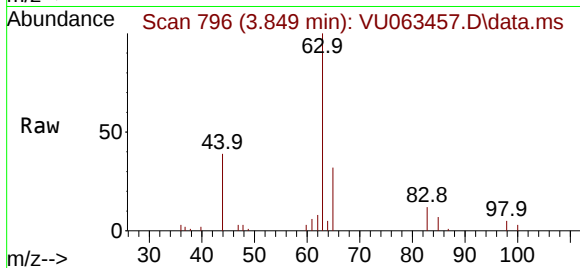
MDL-WATER-03-QT2-2025

Tgt Ion:	63	Resp:	2248
Ion Ratio	Lower	Upper	
63	100		
98	5.3	2.8	8.4
100	2.8	1.9	5.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#18

2-Butanone

Concen: 3.488 ug/l

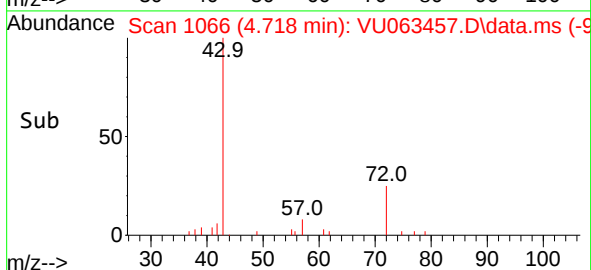
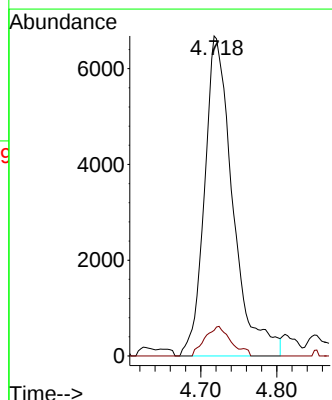
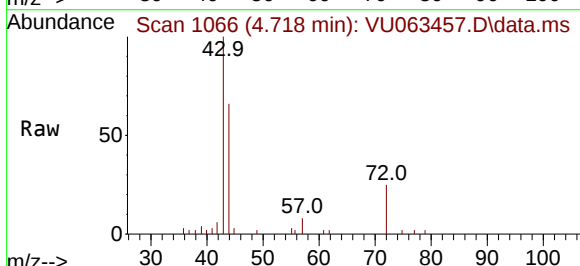
RT: 4.718 min Scan# 1066

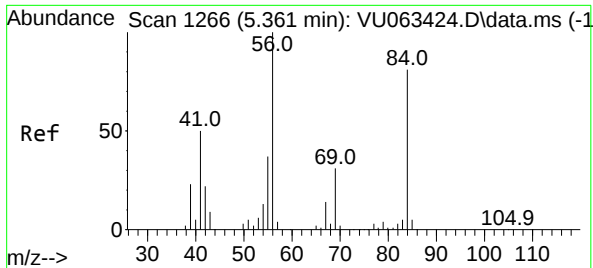
Delta R.T. 0.006 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Tgt Ion:	43	Resp:	17262
Ion Ratio	Lower	Upper	
43	100		
57	8.0	0.0	16.0





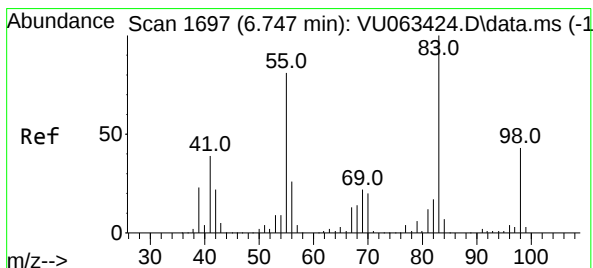
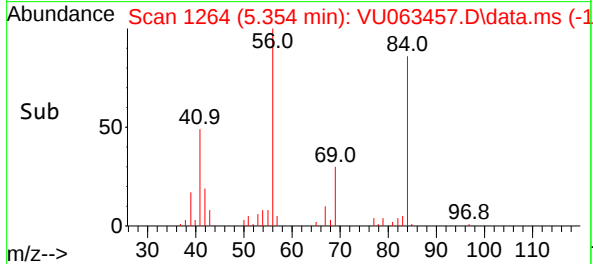
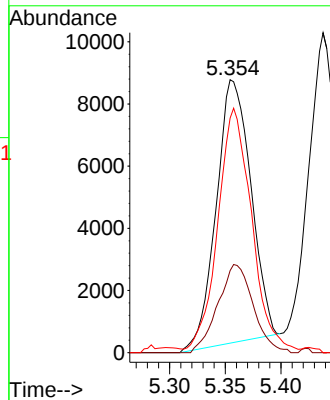
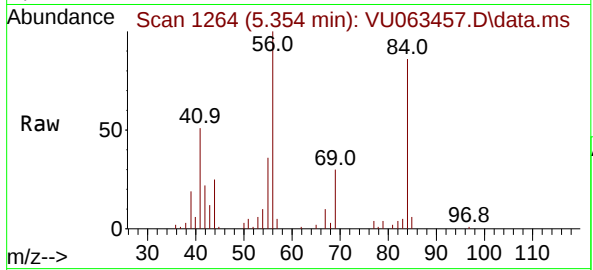
#19
Cyclohexane
Concen: 0.835 ug/l
RT: 5.354 min Scan# 1266
Delta R.T. -0.007 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 56	Resp: 1831
Ion Ratio	Lower Upper
56 100	
69 34.1	26.4 39.6
84 87.8	68.6 102.8

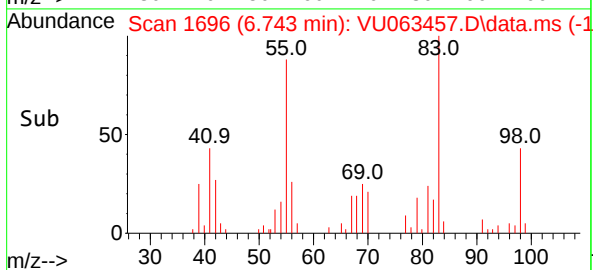
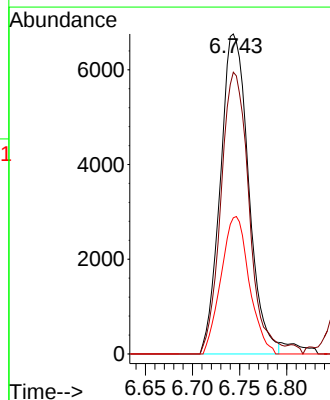
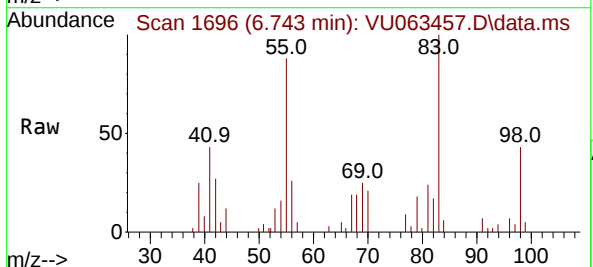
Manual Integrations
APPROVED

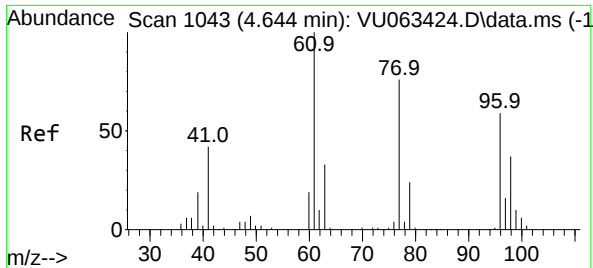
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#20
Methylcyclohexane
Concen: 0.689 ug/l m
RT: 6.743 min Scan# 1696
Delta R.T. -0.004 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion: 83	Resp: 14041
Ion Ratio	Lower Upper
83 100	
55 84.2	63.5 95.3
98 42.9	34.2 51.4





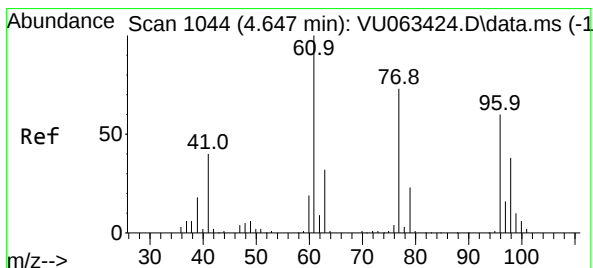
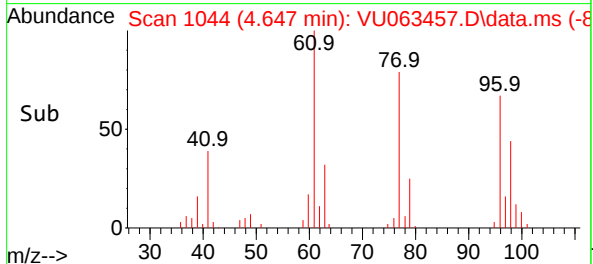
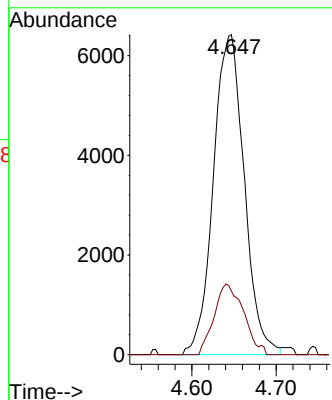
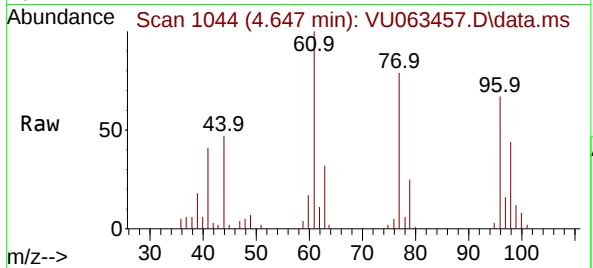
#21
2,2-Dichloropropane
Concen: 0.793 ug/l
RT: 4.647 min Scan# 1043
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion: 77 Resp: 16330
Ion Ratio Lower Upper
77 100
97 21.0 17.2 25.8

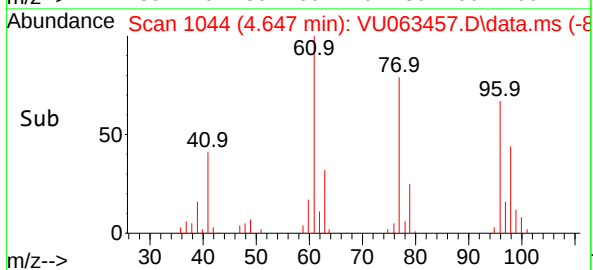
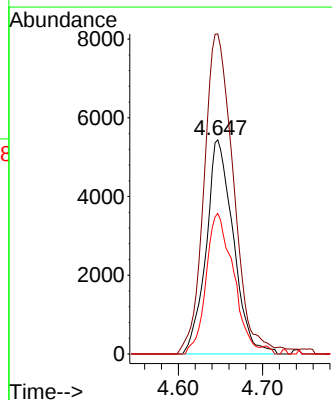
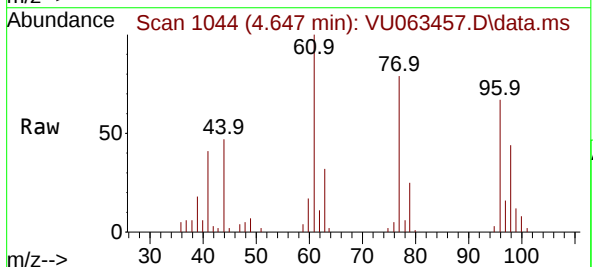
Manual Integrations
APPROVED

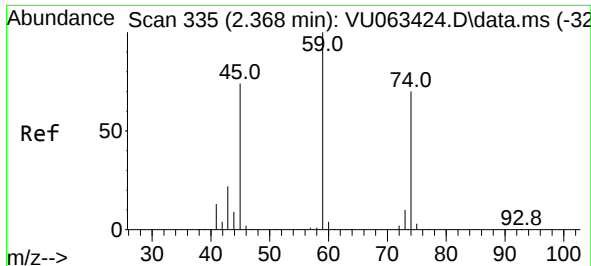
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#22
cis-1,2-Dichloroethene
Concen: 0.808 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

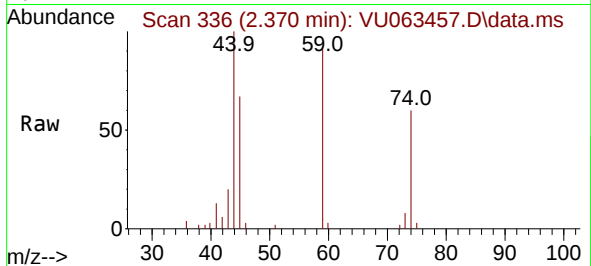
Tgt Ion: 96 Resp: 12176
Ion Ratio Lower Upper
96 100
61 163.2 0.0 434.3
98 65.9 31.9 95.7





#23
Diethyl Ether
Concen: 0.729 ug/l
RT: 2.370 min Scan# 335
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

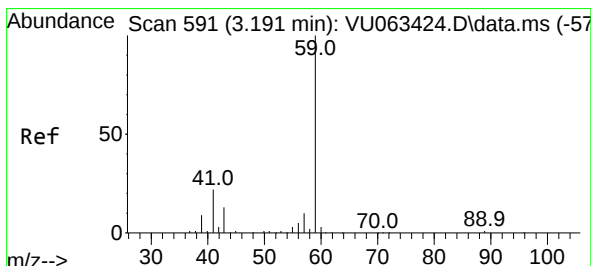
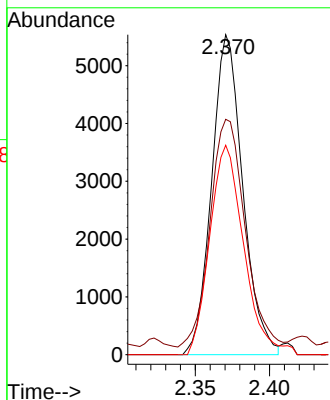
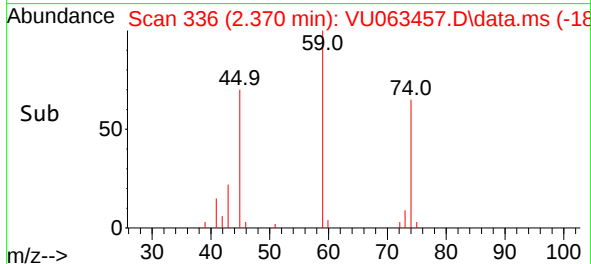
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 59 Resp: 8069
Ion Ratio Lower Upper
59 100
45 79.4 60.7 91.1
74 71.6 55.8 83.6

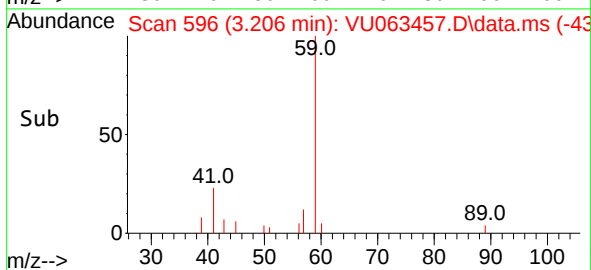
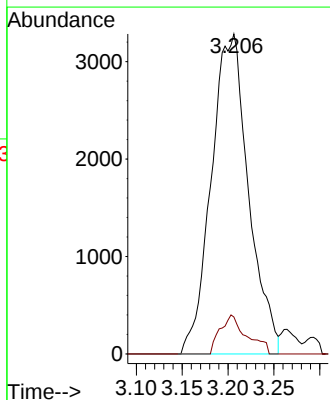
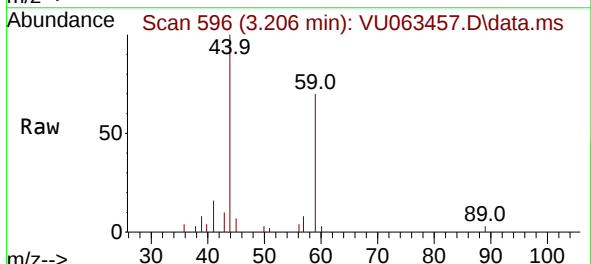
Manual Integrations
APPROVED

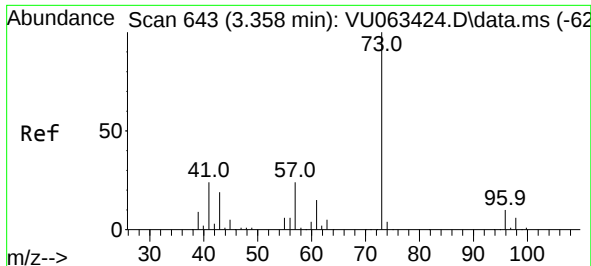
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#24
tert-Butyl Alcohol
Concen: 7.955 ug/l
RT: 3.206 min Scan# 596
Delta R.T. 0.016 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

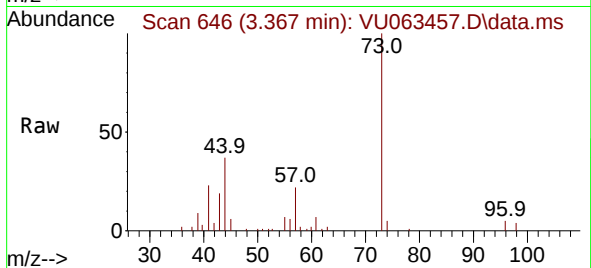
Tgt Ion: 59 Resp: 9281
Ion Ratio Lower Upper
59 100
57 8.6 7.8 11.8





#25
Methyl tert-Butyl Ether
Concen: 0.793 ug/l
RT: 3.367 min Scan# 643
Delta R.T. 0.009 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

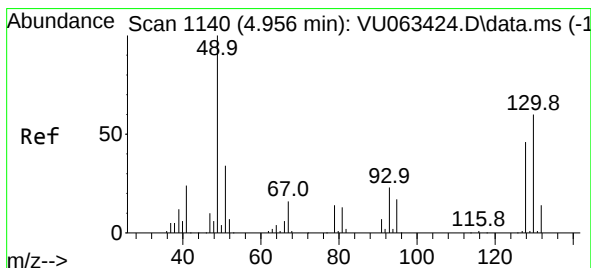
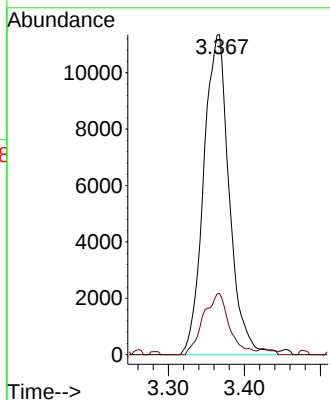
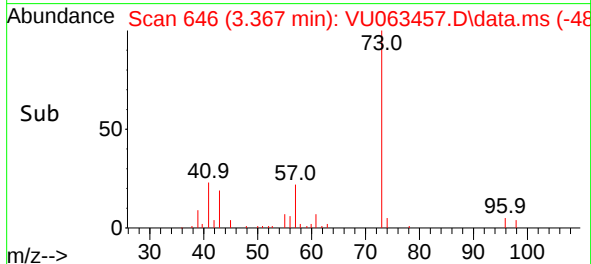
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 73 Resp: 26479
Ion Ratio Lower Upper
73 100
43 19.6 15.1 22.7

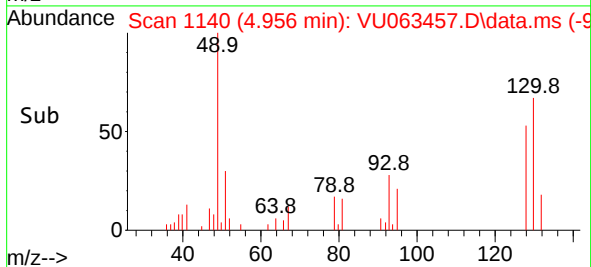
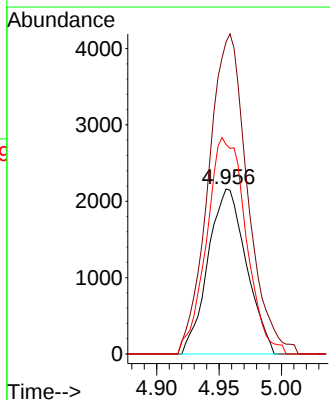
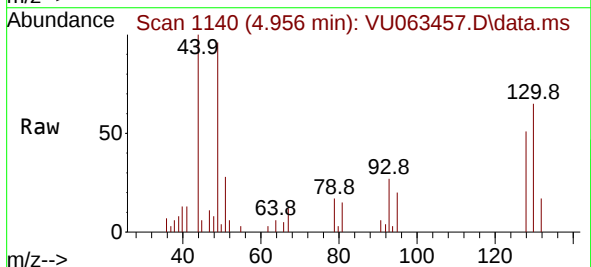
Manual Integrations
APPROVED

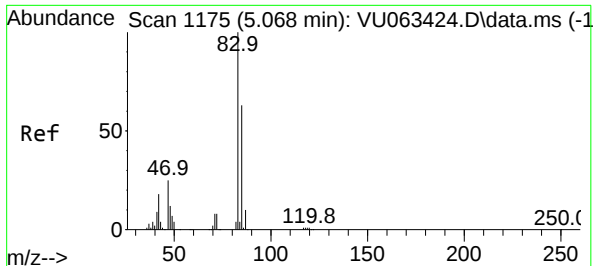
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#26
Bromochloromethane
Concen: 0.786 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion:128 Resp: 4611
Ion Ratio Lower Upper
128 100
49 198.8 0.0 441.2
130 135.2 102.3 153.5





#27

Chloroform

Concen: 0.790 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 83 Resp: 21469

Ion Ratio Lower Upper

83 100

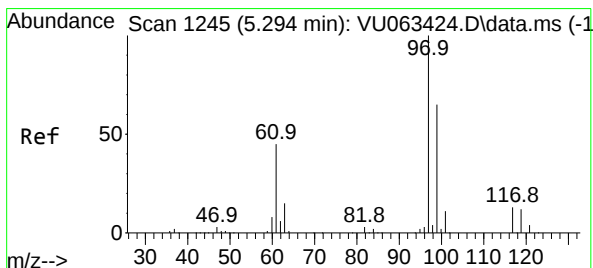
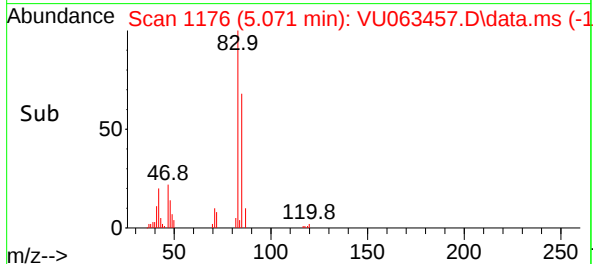
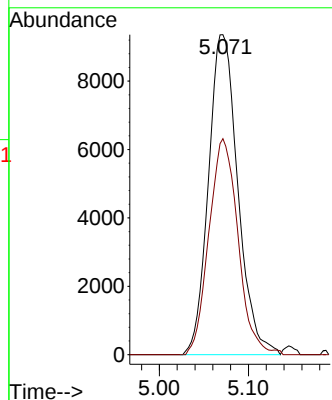
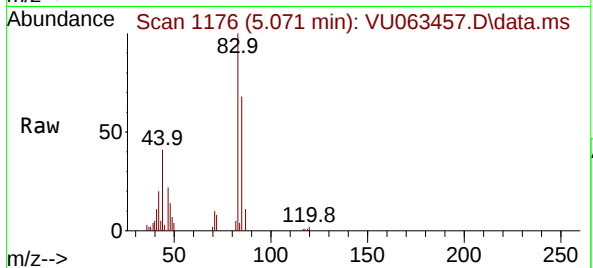
85 67.5 0.0 126.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#28

1,1,1-Trichloroethane

Concen: 0.765 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

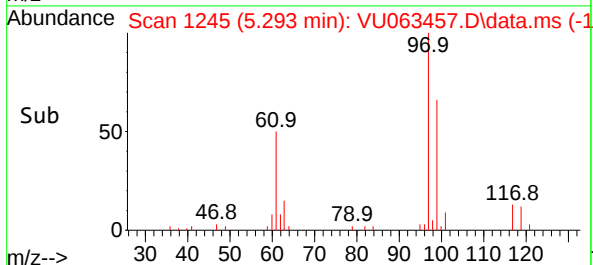
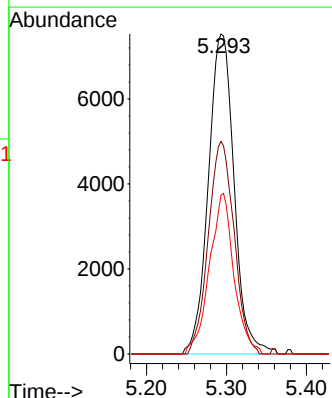
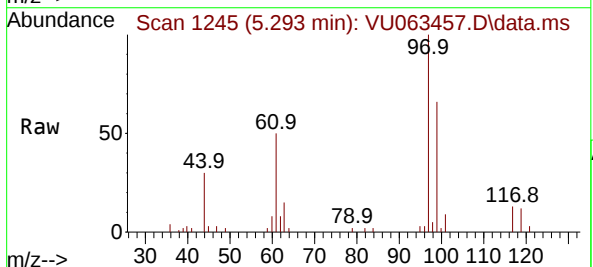
Tgt Ion: 97 Resp: 16866

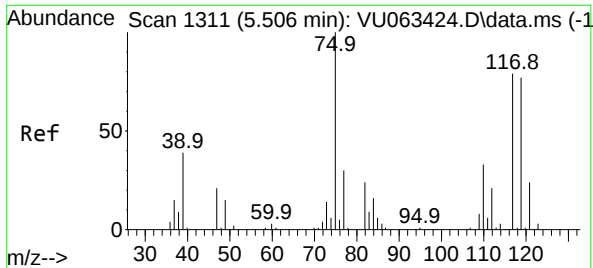
Ion Ratio Lower Upper

97 100

99 66.4 31.9 95.5

61 47.6 22.9 68.7





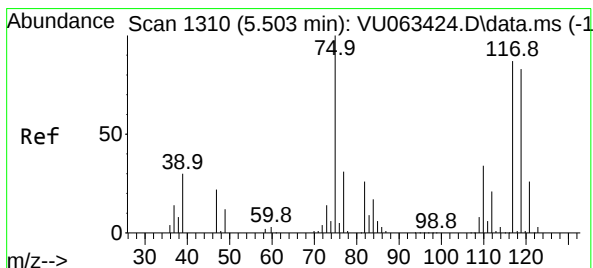
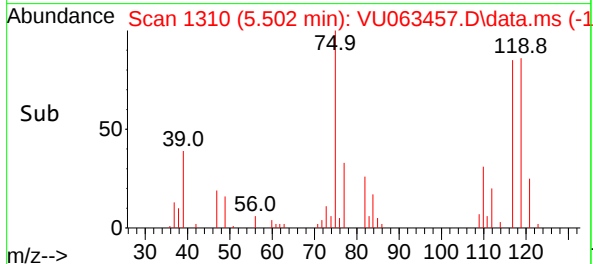
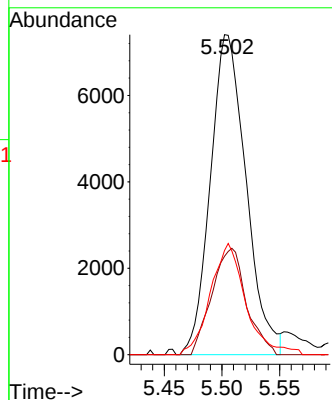
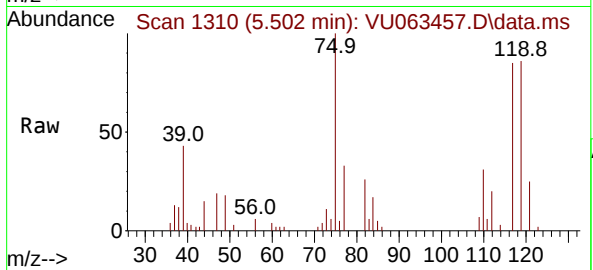
#29
1,1-Dichloropropene
Concen: 0.789 ug/l
RT: 5.502 min Scan# 1109
Delta R.T. -0.004 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion: 75 Resp: 1589
Ion Ratio Lower Upper
75 100
110 32.2 17.4 52.2
77 34.4 25.4 38.0

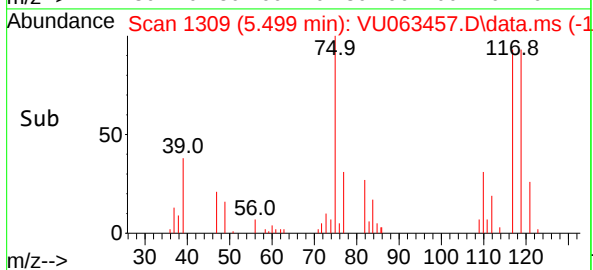
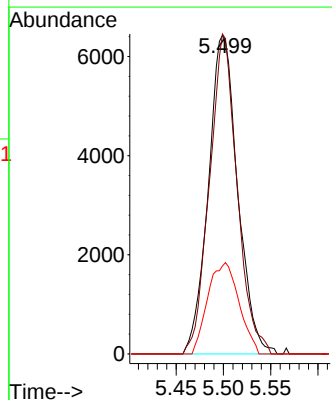
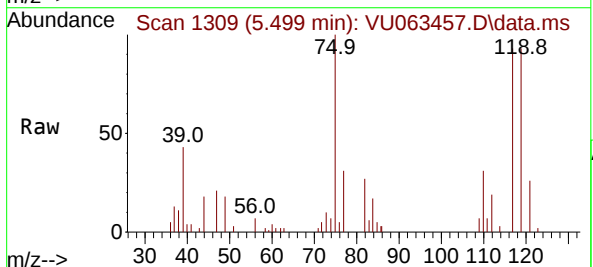
Manual Integrations
APPROVED

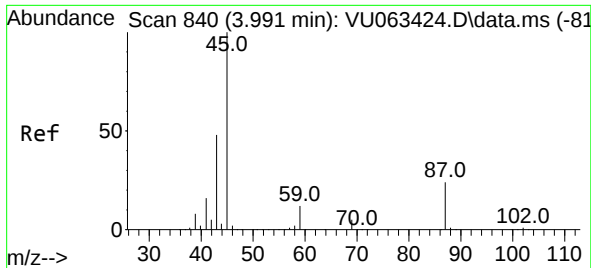
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#30
Carbon Tetrachloride
Concen: 0.786 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

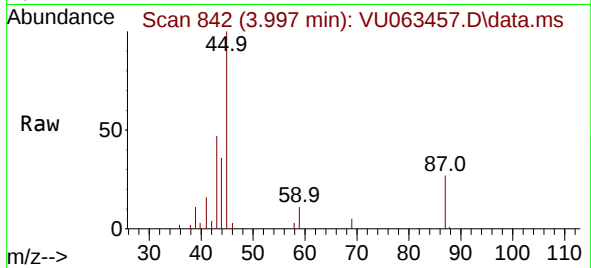
Tgt Ion:117 Resp: 13842
Ion Ratio Lower Upper
117 100
119 100.4 76.7 115.1
121 27.6 24.3 36.5





#31
Isopropyl Ether
Concen: 0.777 ug/l
RT: 3.997 min Scan# 840
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

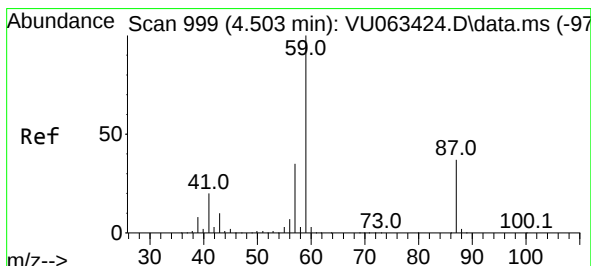
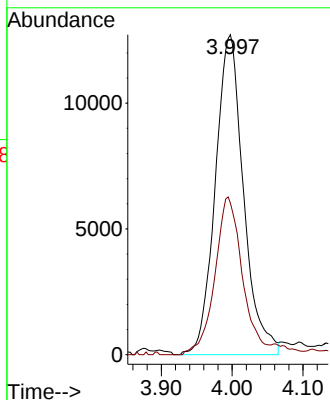
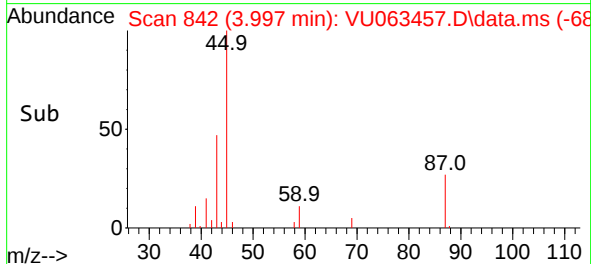
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



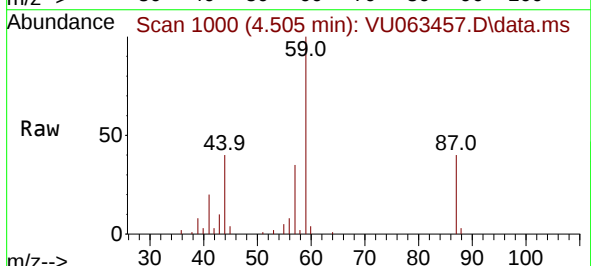
Tgt Ion: 45 Resp: 3521
Ion Ratio Lower Upper
45 100
43 48.0 23.8 71.5

Manual Integrations
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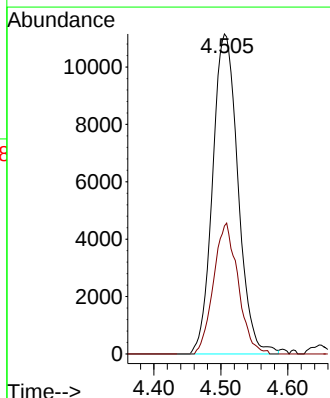
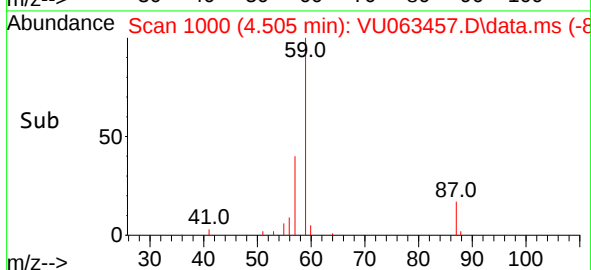
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

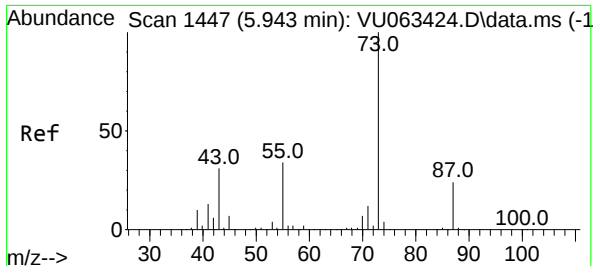


#32
Ethyl-t-butyl ether
Concen: 0.764 ug/l m
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03



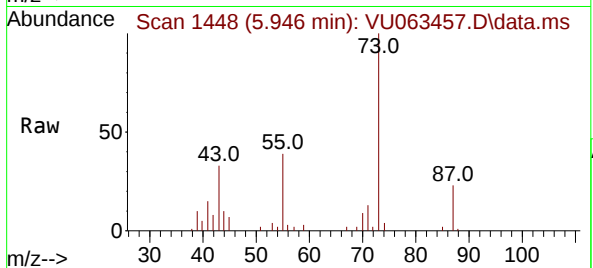
Tgt Ion: 59 Resp: 29339
Ion Ratio Lower Upper
59 100
87 39.6 29.9 44.9





#33
Tert-Amyl methyl ether
Concen: 0.753 ug/l m
RT: 5.946 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

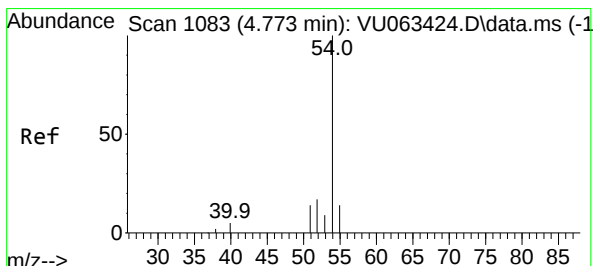
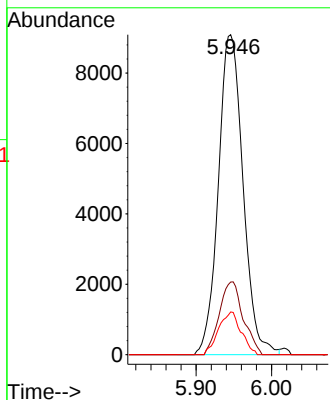
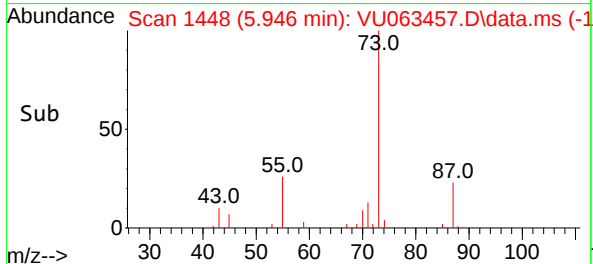
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 73 Resp: 20689
Ion Ratio Lower Upper
73 100
87 22.1 18.1 27.1
71 12.2 10.0 15.0

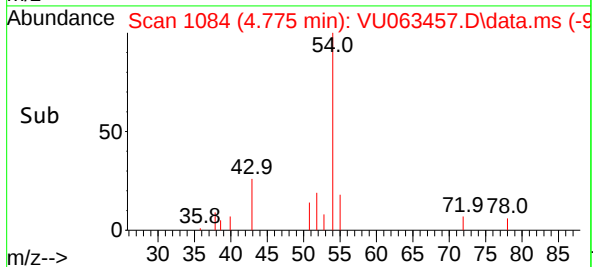
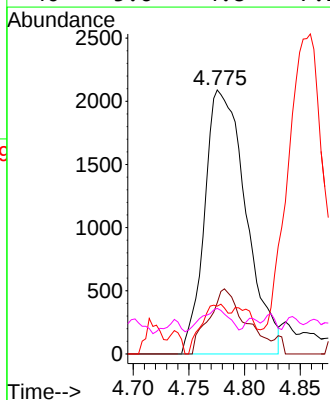
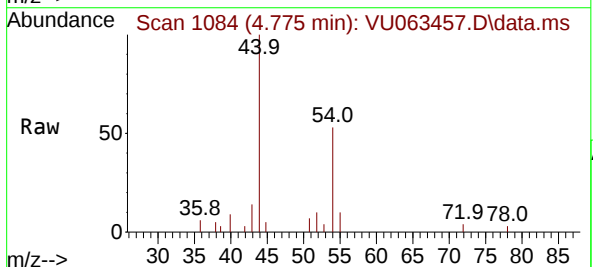
Manual Integrations
APPROVED

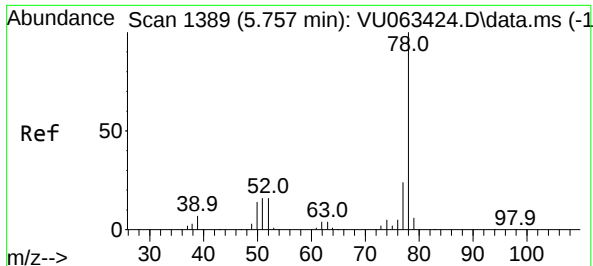
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#34
Propionitrile
Concen: 3.769 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion: 54 Resp: 5396
Ion Ratio Lower Upper
54 100
52 21.9 14.8 22.2
55 11.7 12.2 18.2#
40 5.6 4.8 7.2





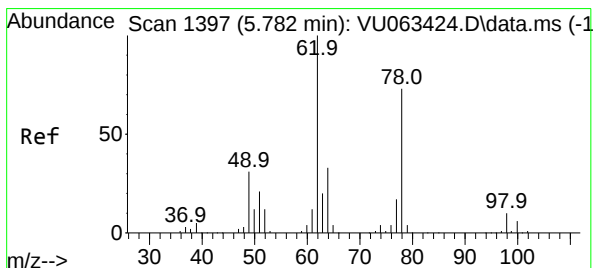
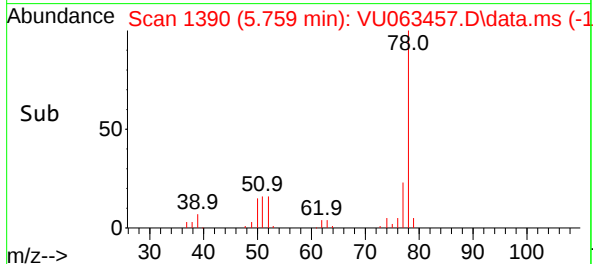
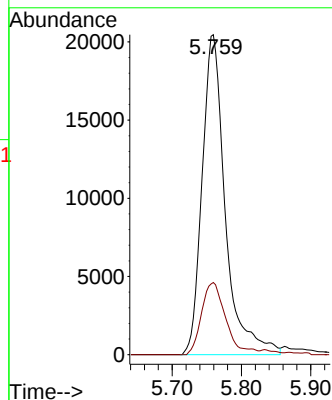
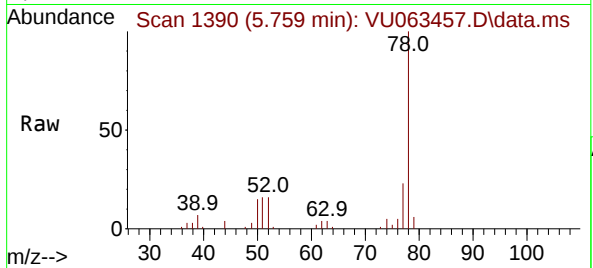
#35
Benzene
Concen: 0.780 ug/l
RT: 5.759 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 78 Resp: 47520
Ion Ratio Lower Upper
78 100
77 22.6 19.4 29.2

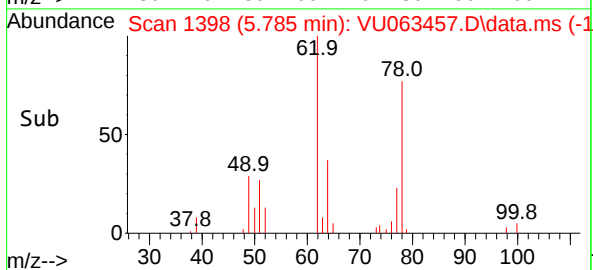
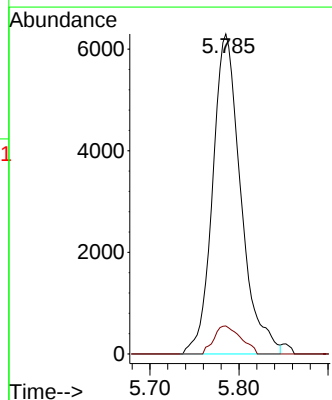
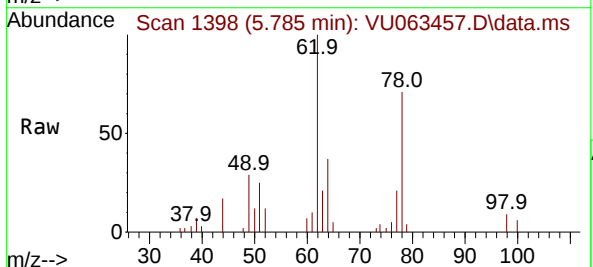
Manual Integrations
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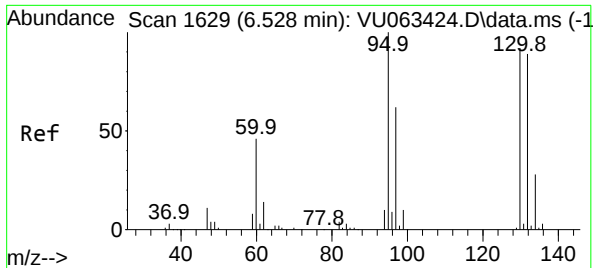
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#36
1,2-Dichloroethane
Concen: 0.775 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

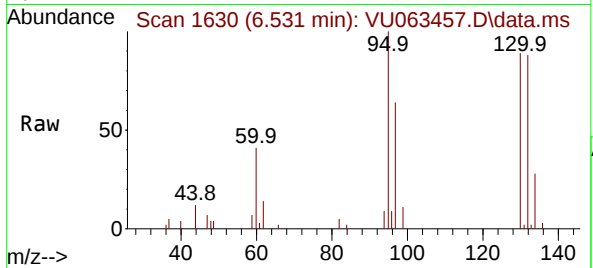
Tgt Ion: 62 Resp: 13796
Ion Ratio Lower Upper
62 100
98 8.3 7.1 10.7





#37
Trichloroethene
Concen: 0.756 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

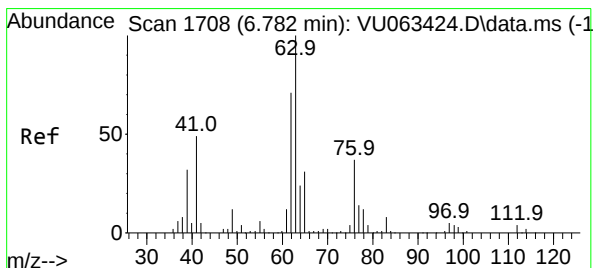
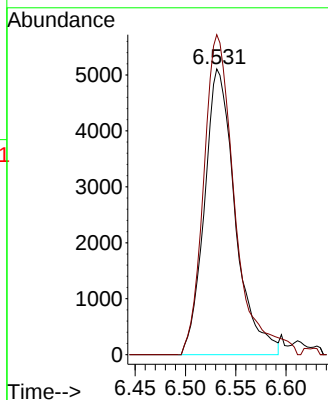
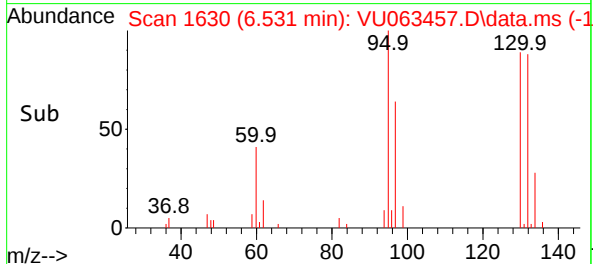
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



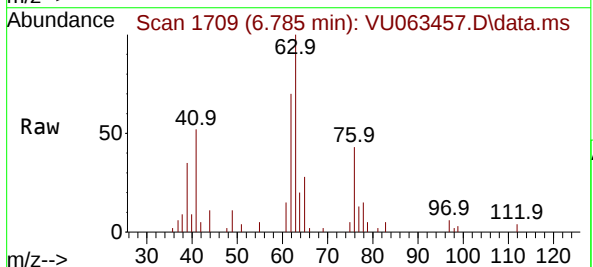
Tgt Ion:130 Resp: 1087
Ion Ratio Lower Upper
130 100
95 112.0 87.2 130.8

Manual Integrations
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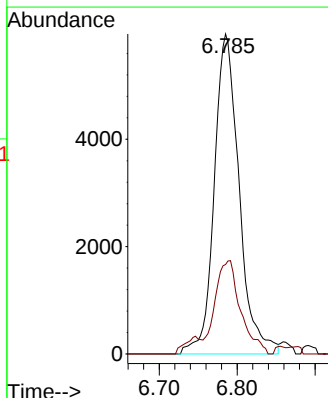
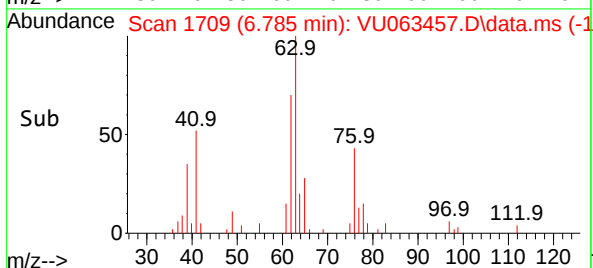
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

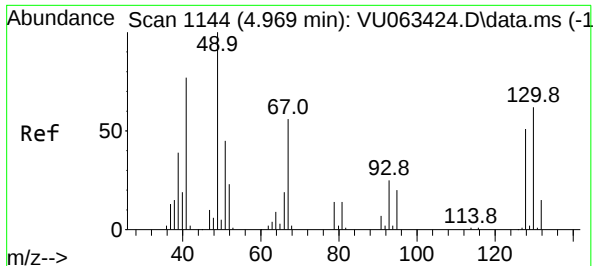


#38
1,2-Dichloropropane
Concen: 0.786 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03



Tgt Ion: 63 Resp: 13228
Ion Ratio Lower Upper
63 100
65 26.1 25.0 37.6





#39

Methacrylonitrile

Concen: 0.763 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.009 min

Lab File: VU063457.D

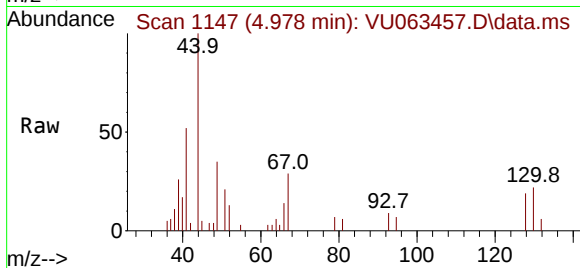
Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

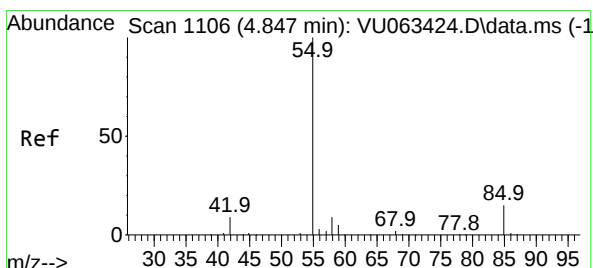
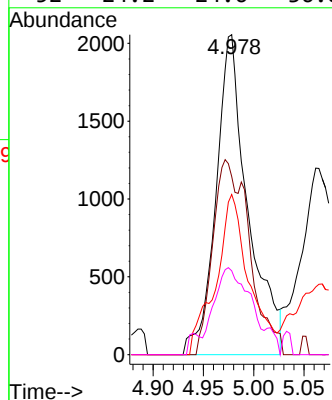
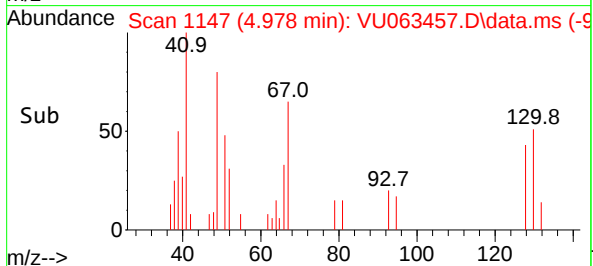


Tgt Ion:	41	Resp:	4540
Ion Ratio	Lower	Upper	
41	100		
67	69.9	59.8	89.8
39	52.0	40.7	61.1
52	24.2	24.6	36.8#

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#40

Methyl acrylate

Concen: 0.804 ug/l m

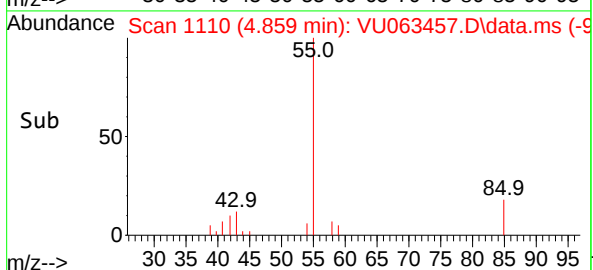
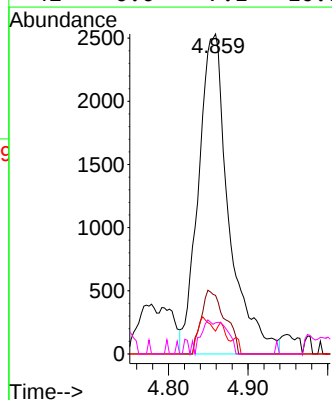
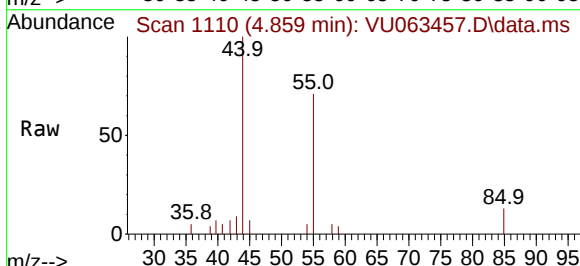
RT: 4.859 min Scan# 1110

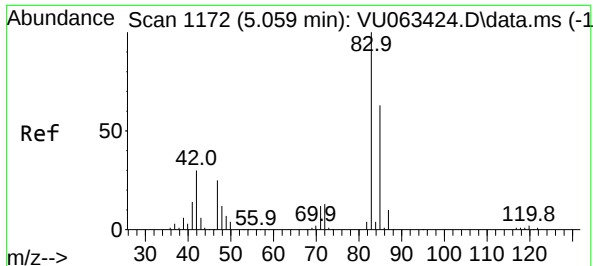
Delta R.T. 0.012 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Tgt Ion:	55	Resp:	6721
Ion Ratio	Lower	Upper	
55	100		
85	0.0	12.6	19.0#
58	1.6	6.9	10.3#
42	0.0	7.1	10.7#





#41

Tetrahydrofuran

Concen: 1.617 ug/l

RT: 5.065 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

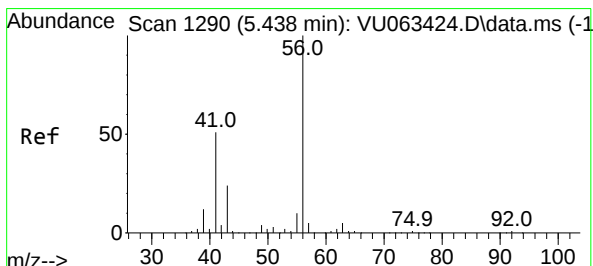
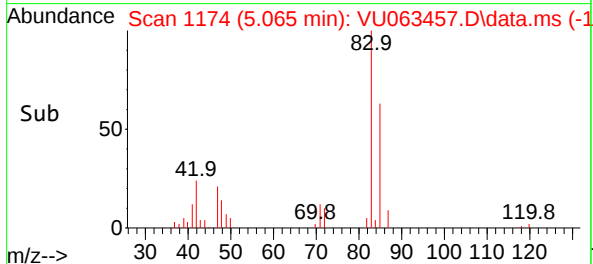
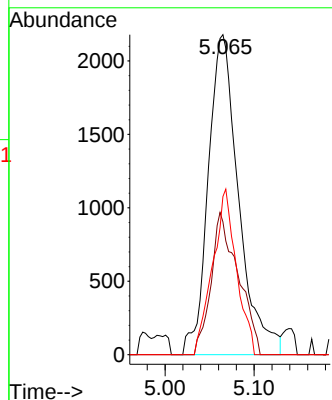
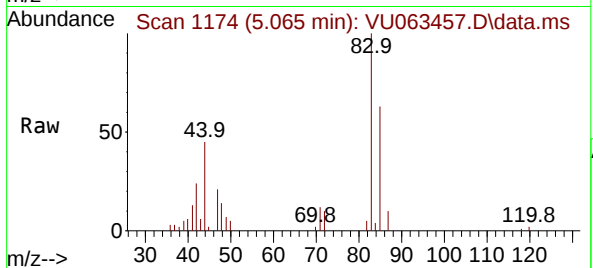
MDL-WATER-03-QT2-2025

Tgt Ion:	42	Resp:	518
Ion Ratio	Lower	Upper	
42	100		
72	39.6	35.4	53.2
71	40.3	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#42

1-Chlorobutane

Concen: 0.764 ug/l m

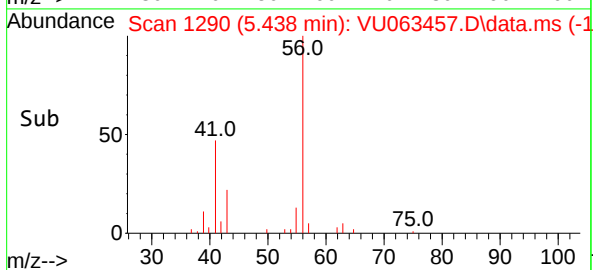
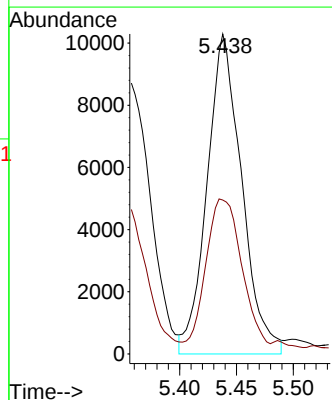
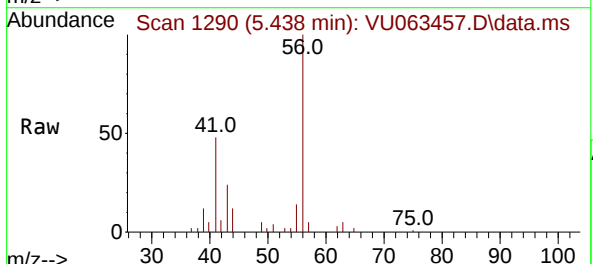
RT: 5.438 min Scan# 1290

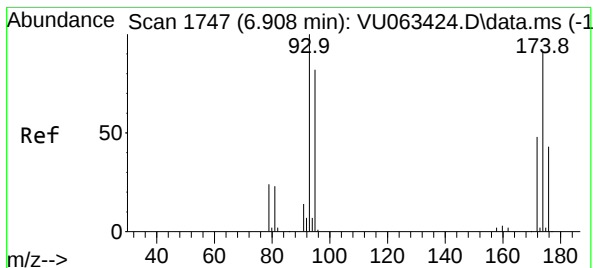
Delta R.T. -0.000 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Tgt Ion:	56	Resp:	21813
Ion Ratio	Lower	Upper	
56	100		
41	46.8	26.4	79.0





#43

Dibromomethane

Concen: 0.720 ug/l

RT: 6.914 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU063457.D

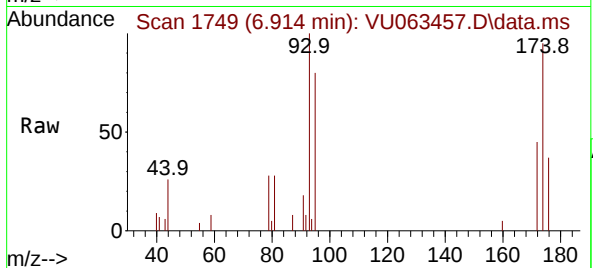
Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025



Tgt Ion: 93 Resp: 565

Ion Ratio Lower Upper

93 100

95 85.9 66.7 100.1

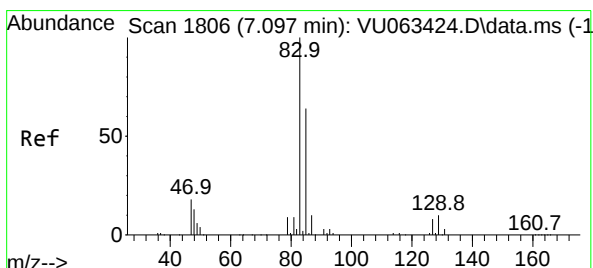
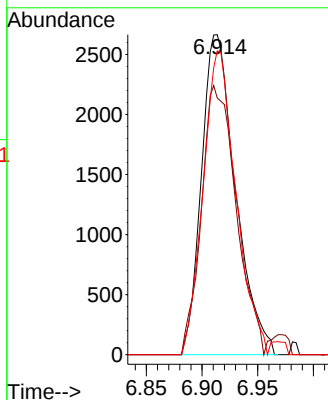
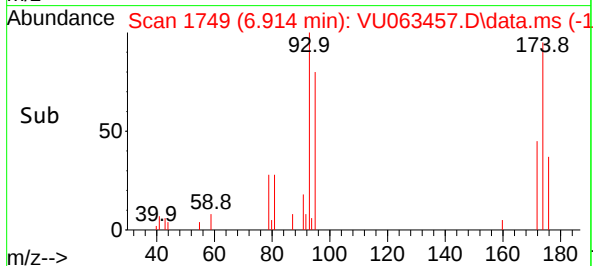
174 91.5 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#44

Bromodichloromethane

Concen: 0.752 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

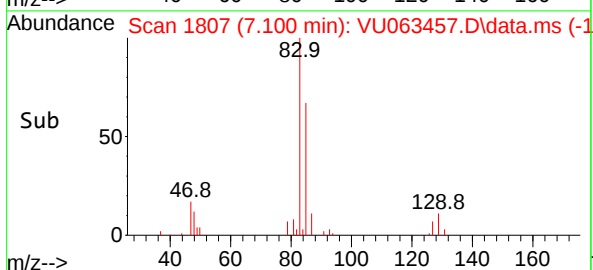
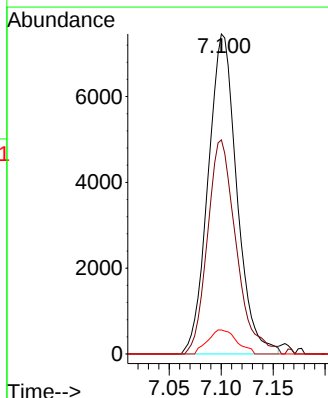
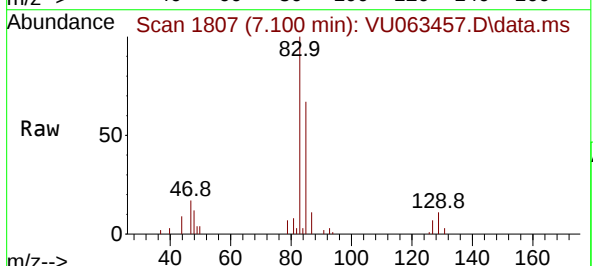
Tgt Ion: 83 Resp: 14387

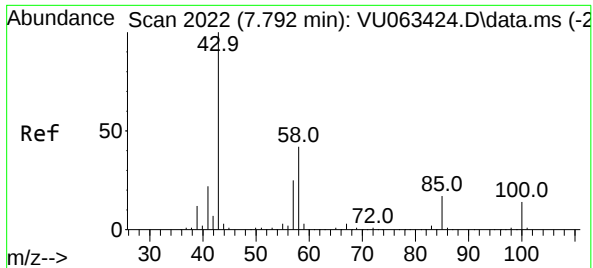
Ion Ratio Lower Upper

83 100

85 66.9 51.4 77.2

127 7.5 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 3.228 ug/l

RT: 7.801 min Scan# 2022

Delta R.T. 0.009 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

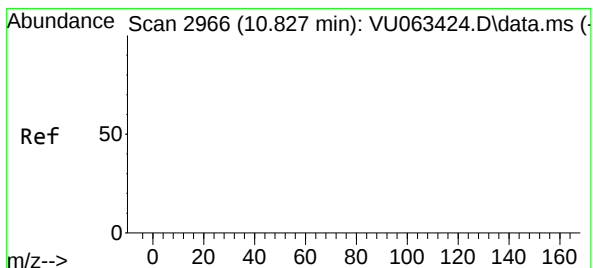
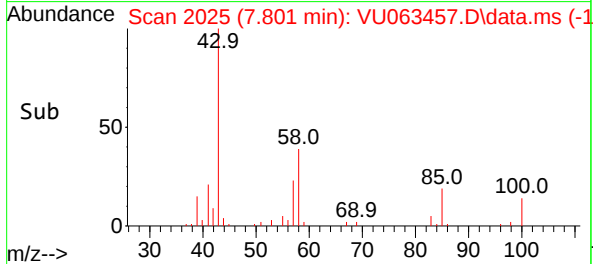
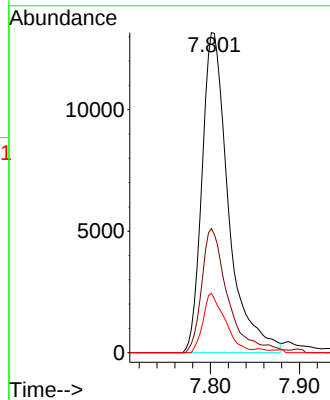
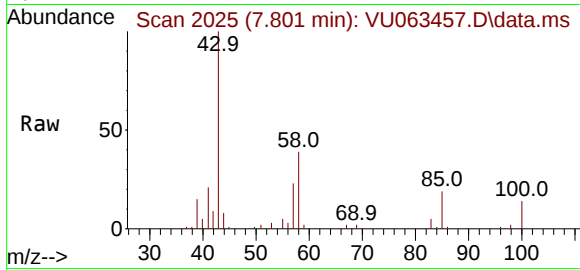
MDL-WATER-03-QT2-2025

Tgt Ion:	43	Resp:	2723
Ion	Ratio	Lower	Upper
43	100		
58	38.5	20.5	61.6
85	15.5	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#46

t-1,4-Dichloro-2-butene

Concen: 1.722 ug/l m

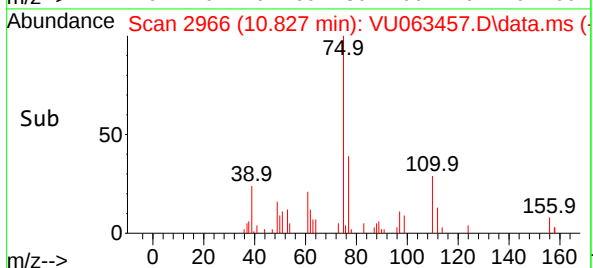
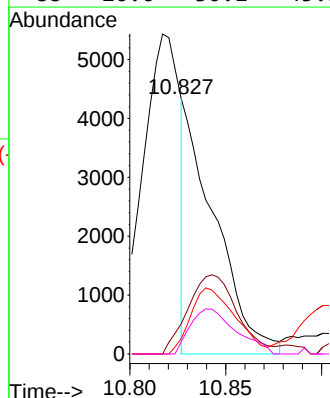
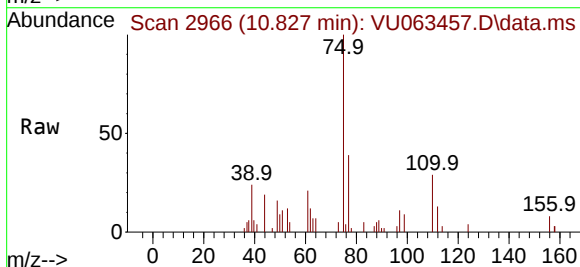
RT: 10.827 min Scan# 2966

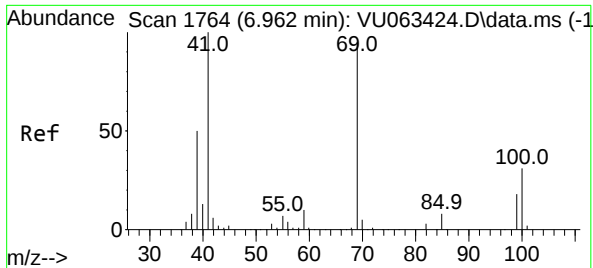
Delta R.T. -0.000 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

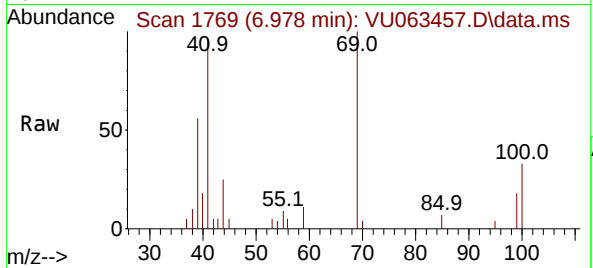
Tgt Ion:	75	Resp:	4776
Ion	Ratio	Lower	Upper
75	100		
53	50.2	61.4	92.2#
89	38.0	39.2	58.8#
88	26.6	30.1	45.1#





#47
Methyl methacrylate
Concen: 1.275 ug/l
RT: 6.978 min Scan# 1769
Delta R.T. 0.016 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

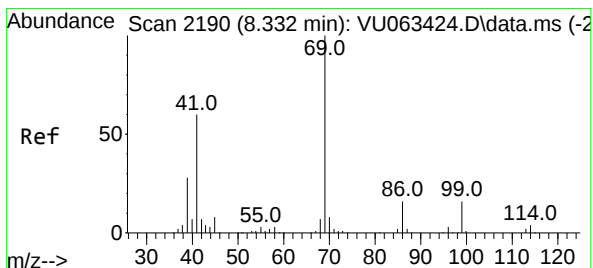
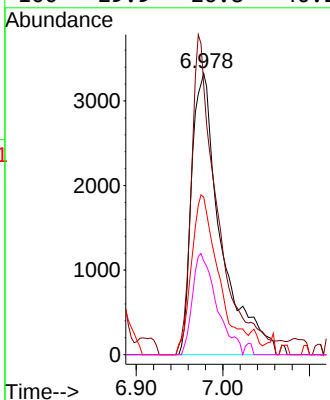
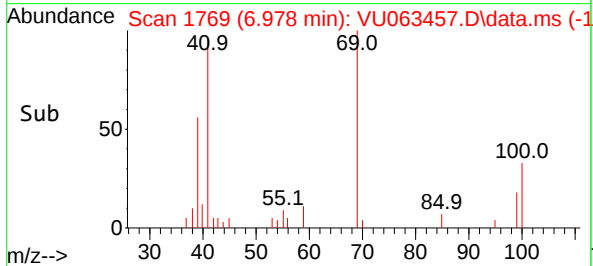
Instrument : MSVOA_U
ClientSampleId : VU063457.D
MDL-WATER-03-QT2-2025



Tgt Ion: 69 Resp: 776
Ion Ratio Lower Upper
69 100
41 101.9 0.0 212.6
39 53.3 40.6 61.0
100 29.9 26.8 40.2

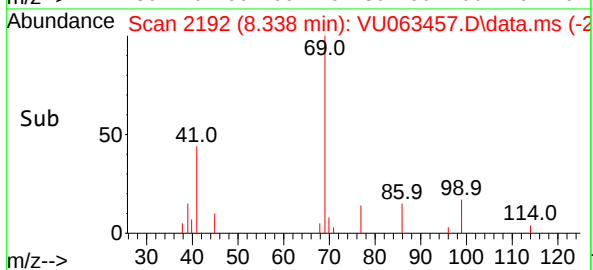
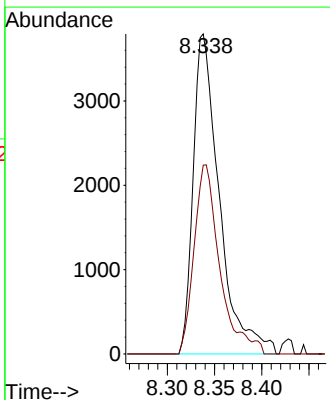
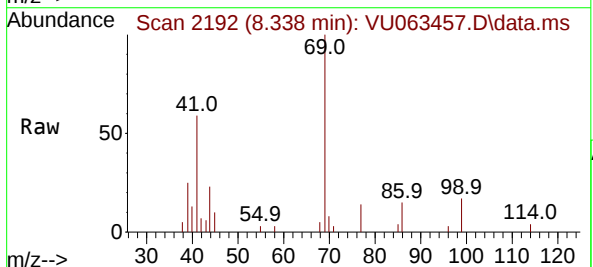
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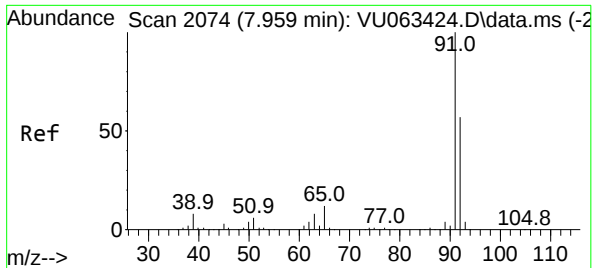
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#48
Ethyl methacrylate
Concen: 0.669 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion: 69 Resp: 7289
Ion Ratio Lower Upper
69 100
41 58.3 30.6 92.0





#49

Toluene

Concen: 0.655 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

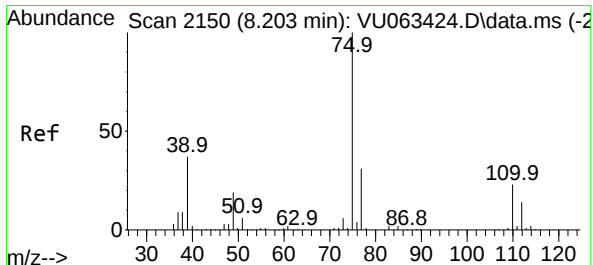
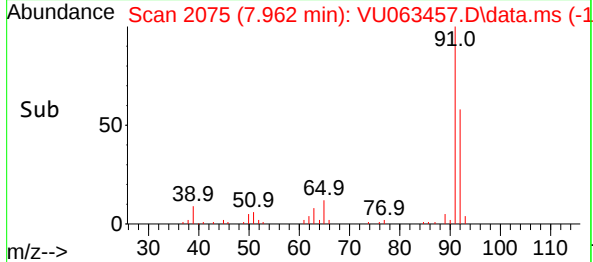
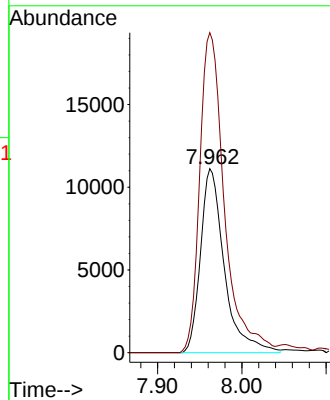
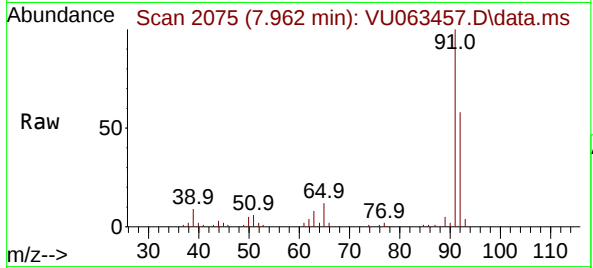
ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 92 Resp: 21918
 Ion Ratio Lower Upper
 92 100
 91 179.8 142.0 213.0

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#50

t-1,3-Dichloropropene

Concen: 0.684 ug/l

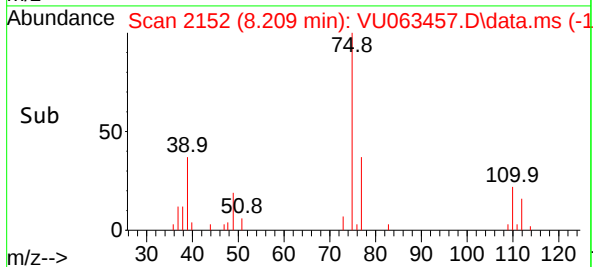
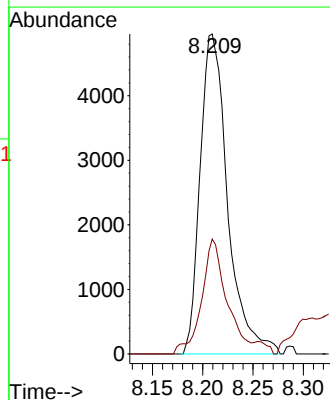
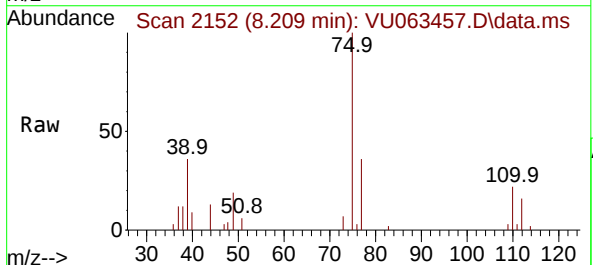
RT: 8.209 min Scan# 2152

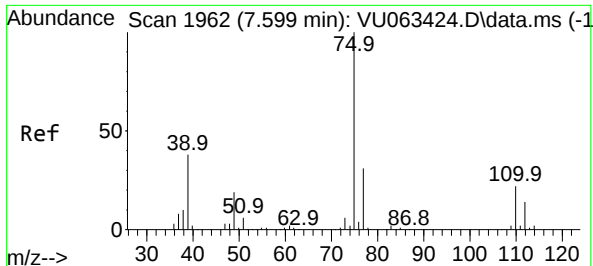
Delta R.T. 0.006 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

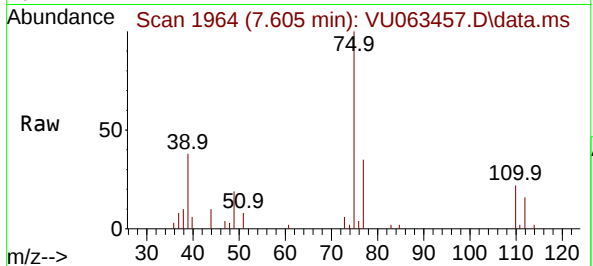
Tgt Ion: 75 Resp: 9441
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.5 36.7





#51
 cis-1,3-Dichloropropene
 Concen: 0.657 ug/l
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03

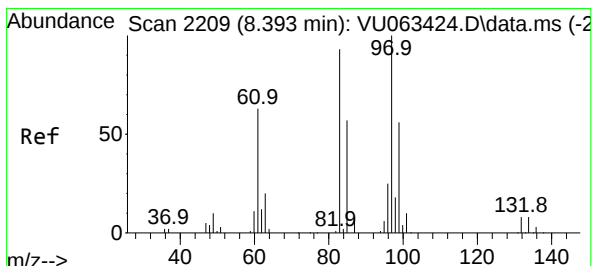
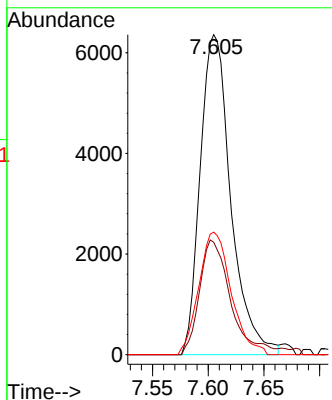
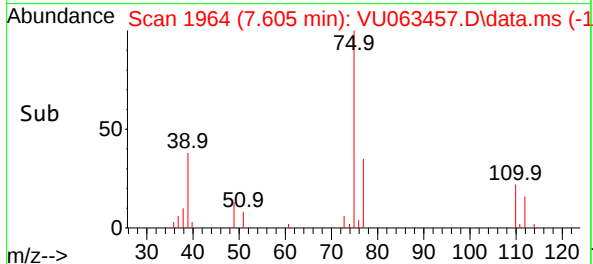
Instrument : MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025



Tgt Ion: 75 Resp: 12180
 Ion Ratio Lower Upper
 75 100
 77 35.2 24.8 37.2
 39 38.3 30.7 46.1

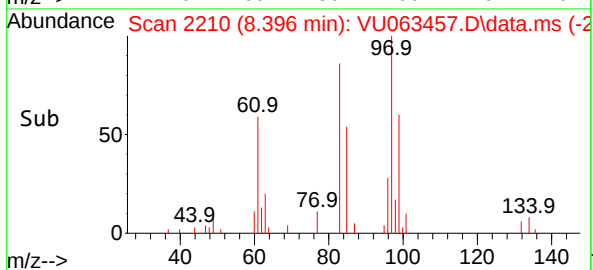
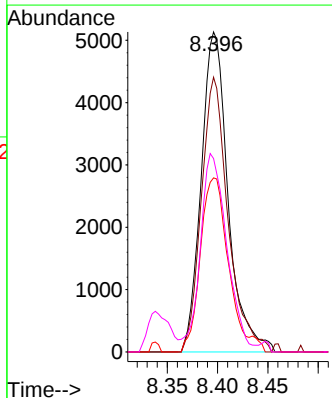
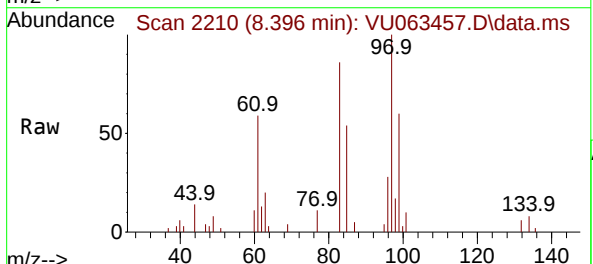
Manual Integrations
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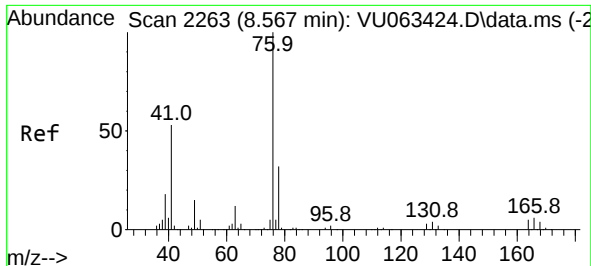
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.832 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03

Tgt Ion: 97 Resp: 9559
 Ion Ratio Lower Upper
 97 100
 83 85.9 74.1 111.1
 85 54.4 45.8 68.8
 99 60.4 50.2 75.4





#53

1,3-Dichloropropane

Concen: 0.743 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 76 Resp: 1467

Ion Ratio Lower Upper

76 100

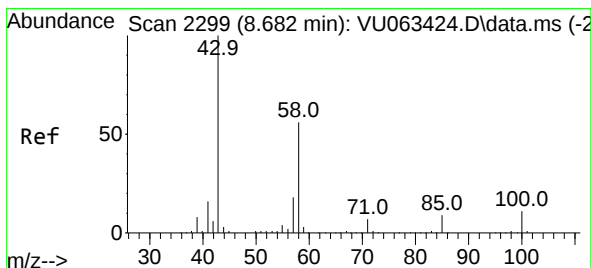
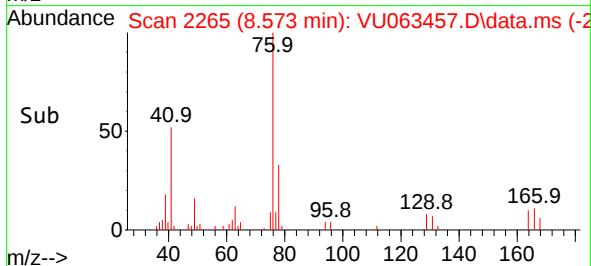
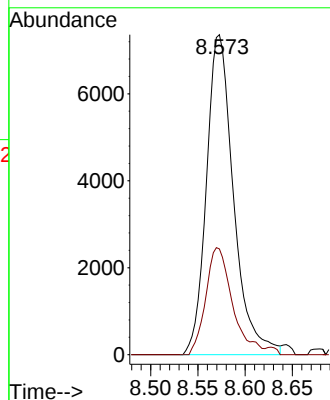
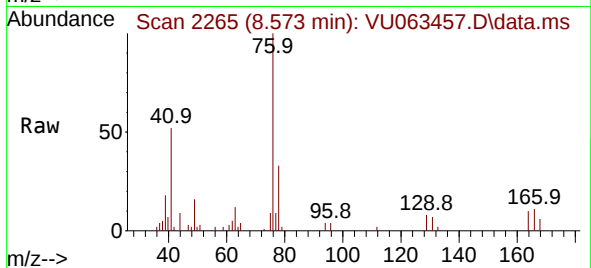
78 32.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025

Supervised By :Semsettin Yesilyurt 06/26/2025



#54

2-Hexanone

Concen: 3.067 ug/l

RT: 8.698 min Scan# 2304

Delta R.T. 0.016 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

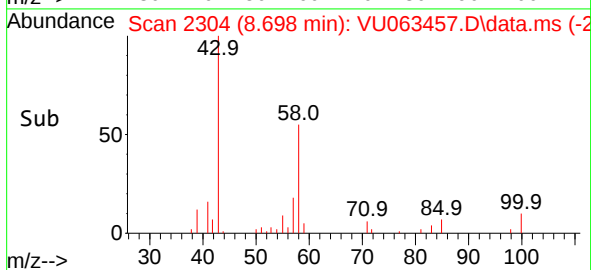
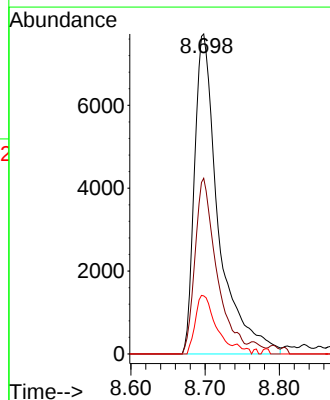
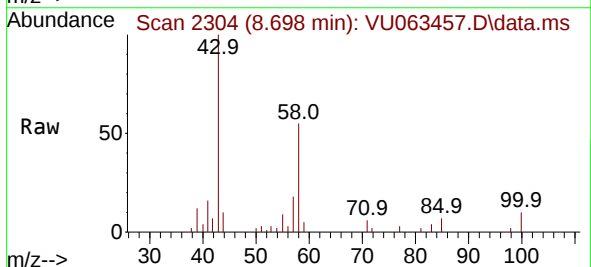
Tgt Ion: 43 Resp: 17360

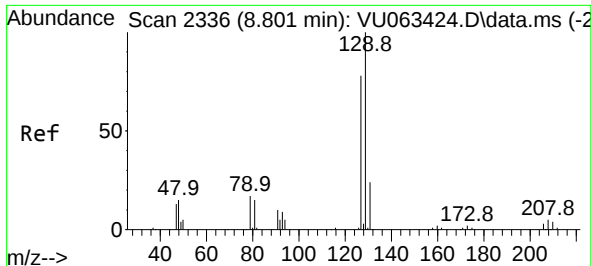
Ion Ratio Lower Upper

43 100

58 49.8 36.9 76.9

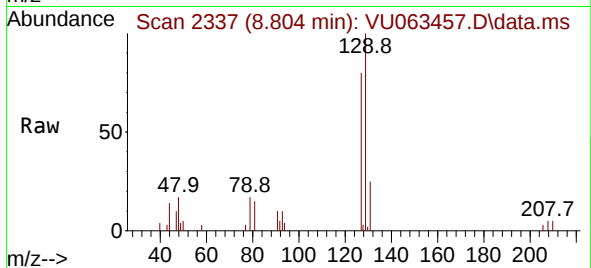
57 15.4 0.0 38.8





#55
Dibromochloromethane
Concen: 0.725 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

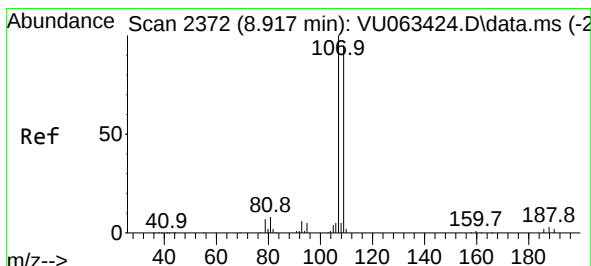
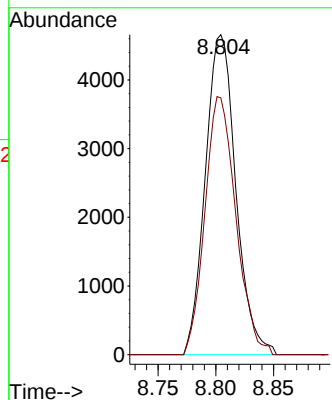
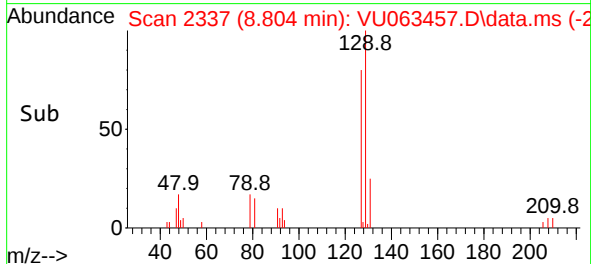
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



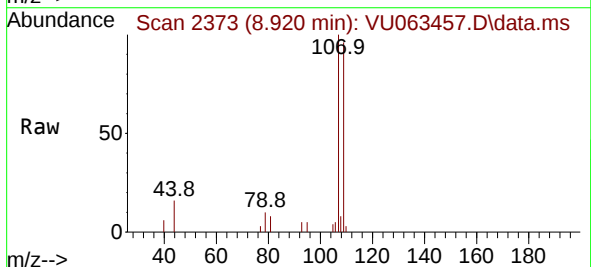
Tgt Ion:129 Resp: 859
Ion Ratio Lower Upper
129 100
127 81.5 62.6 93.8

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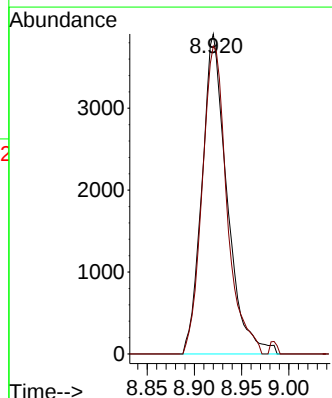
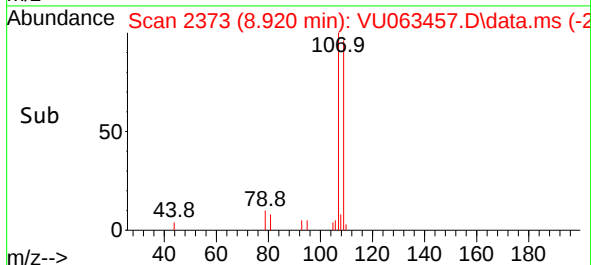
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

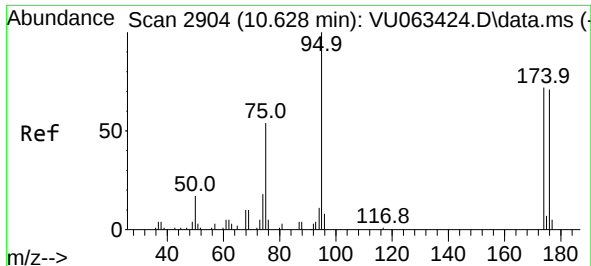


#56
1,2-Dibromoethane
Concen: 0.772 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03



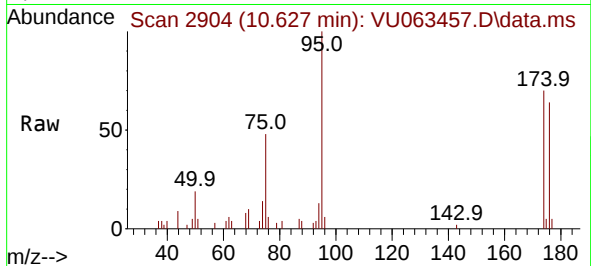
Tgt Ion:107 Resp: 7194
Ion Ratio Lower Upper
107 100
109 95.2 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 0.906 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

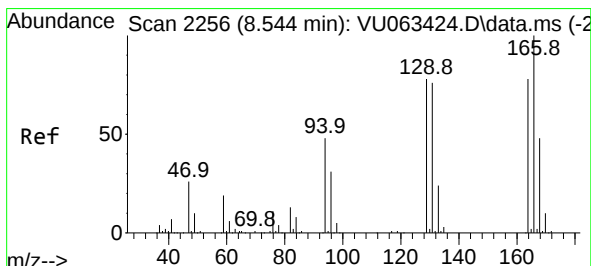
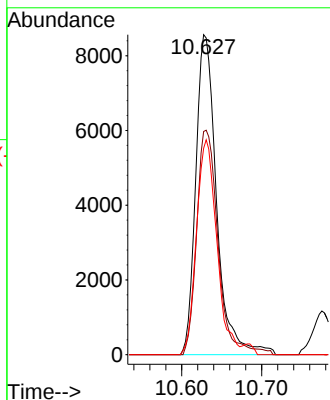
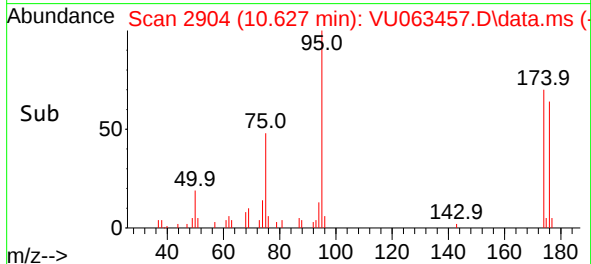
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



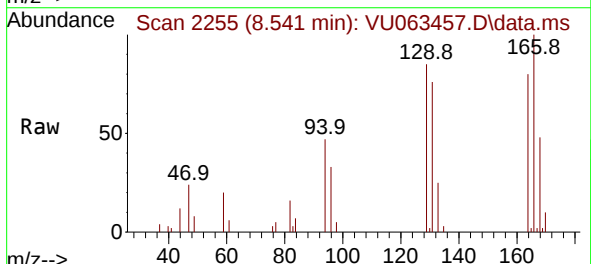
Tgt Ion: 95 Resp: 1554
Ion Ratio Lower Upper
95 100
174 72.1 59.4 89.2
176 65.4 57.8 86.6

Manual Integrations
APPROVED

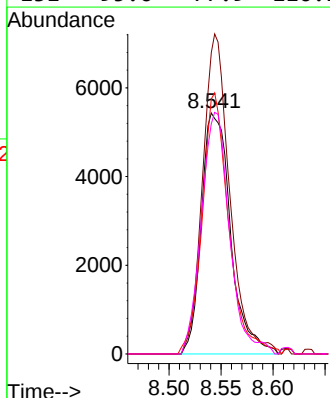
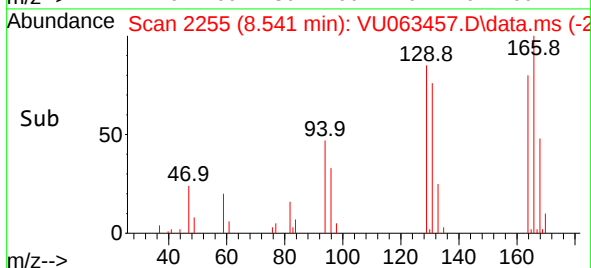
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

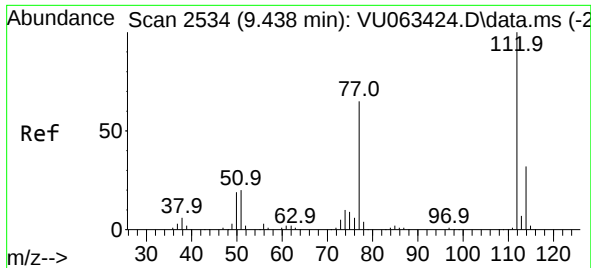


#58
Tetrachloroethene
Concen: 0.752 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.004 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03



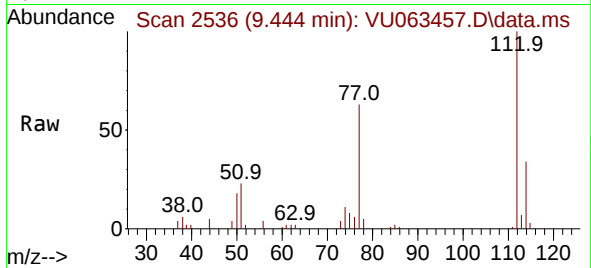
Tgt Ion:164 Resp: 10622
Ion Ratio Lower Upper
164 100
166 125.2 102.8 154.2
129 105.9 80.2 120.2
131 95.6 77.9 116.9





#59
Chlorobenzene
Concen: 0.685 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

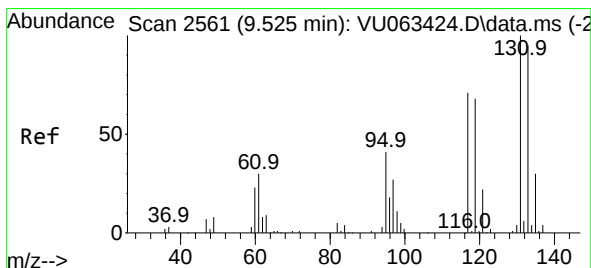
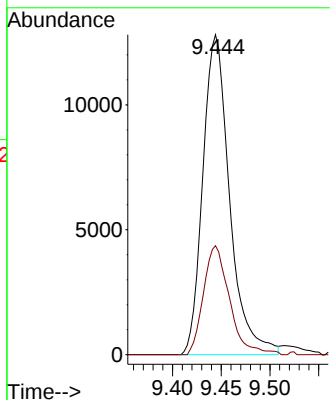
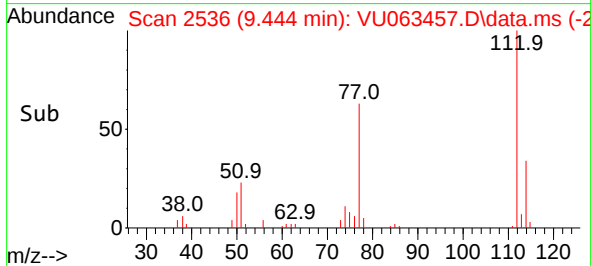
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



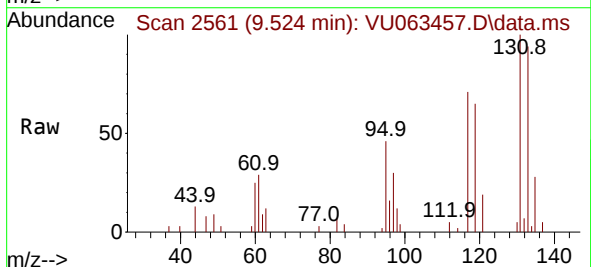
Tgt Ion:112 Resp: 24509
Ion Ratio Lower Upper
112 100
114 34.0 25.7 38.5

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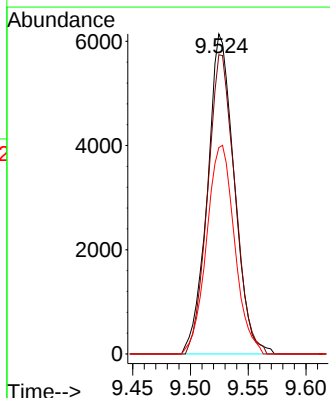
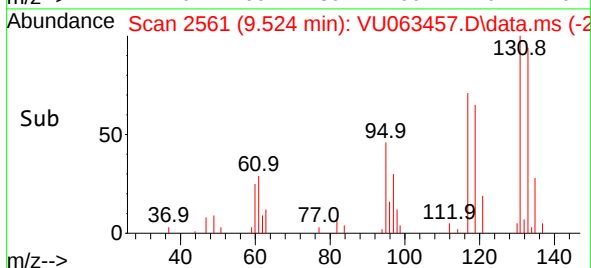
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

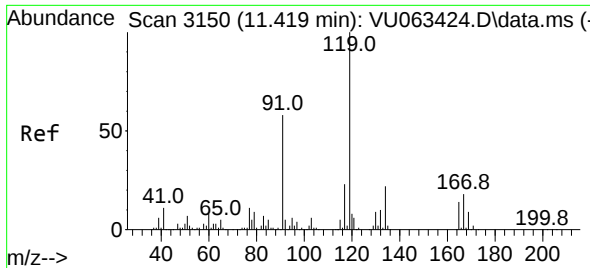


#60
1,1,1,2-Tetrachloroethane
Concen: 0.773 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03



Tgt Ion:131 Resp: 9956
Ion Ratio Lower Upper
131 100
133 94.6 76.1 114.1
119 67.7 53.7 80.5





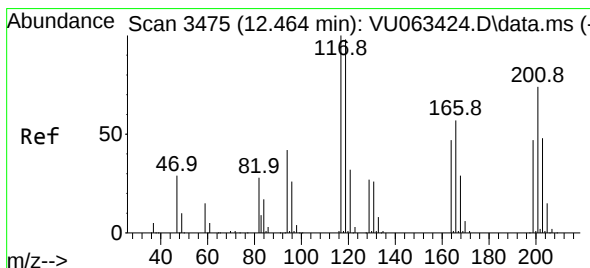
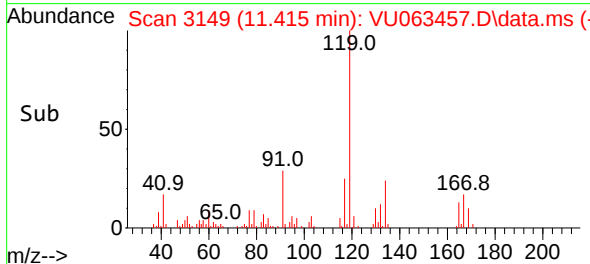
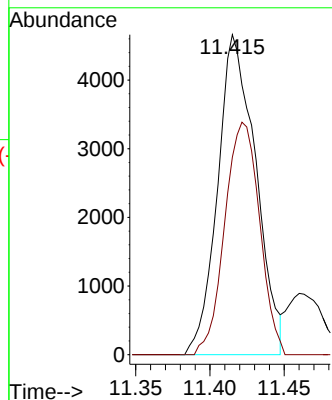
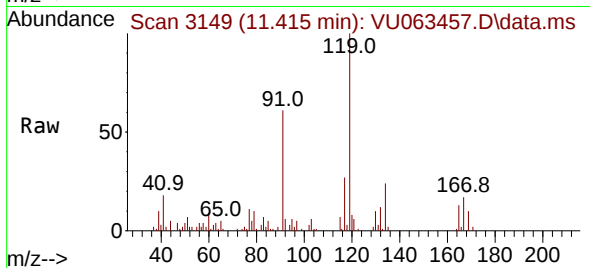
#61
Pentachloroethane
Concen: 0.792 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.004 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:117 Resp: 831
Ion Ratio Lower Upper
117 100
167 66.5 58.1 87.1

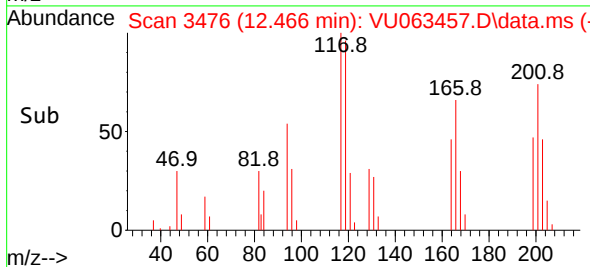
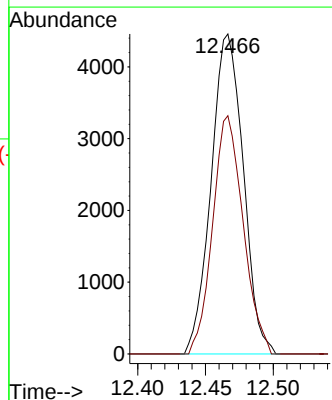
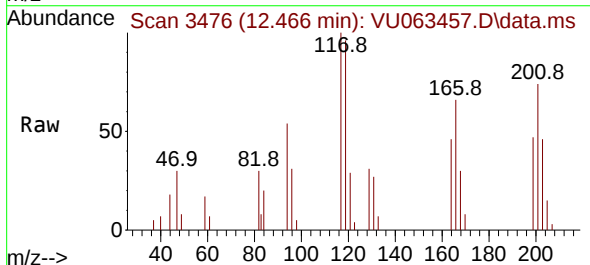
Manual Integrations
APPROVED

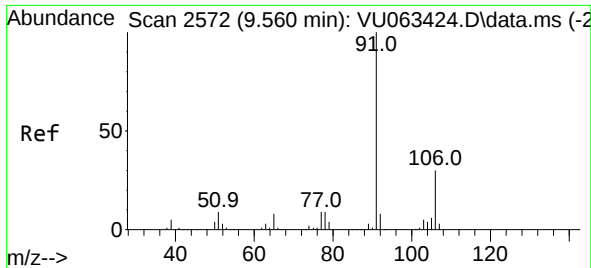
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#62
Hexachloroethane
Concen: 0.780 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion:117 Resp: 7360
Ion Ratio Lower Upper
117 100
201 70.6 60.4 90.6





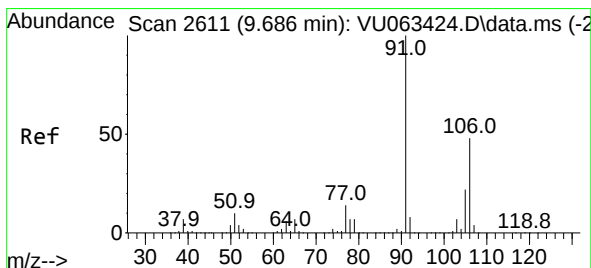
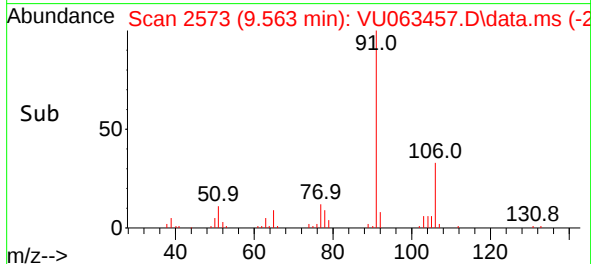
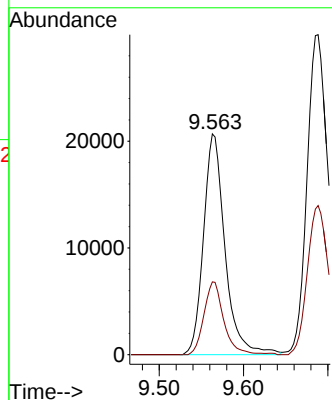
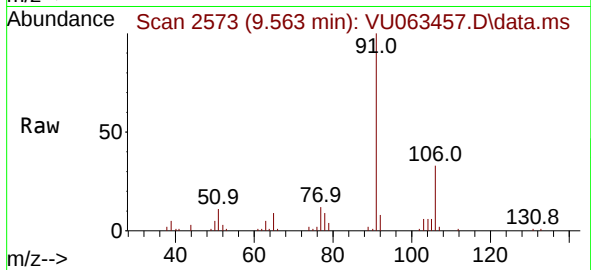
#63
Ethyl Benzene
Concen: 0.641 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 91 Resp: 36768
Ion Ratio Lower Upper
91 100
106 33.0 24.2 36.2

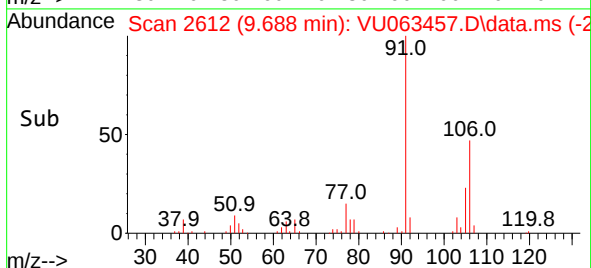
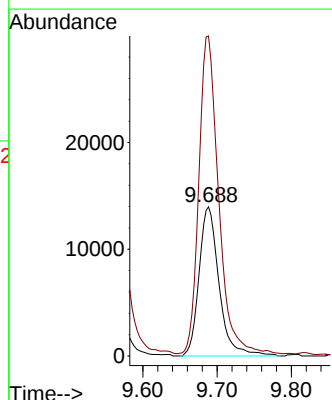
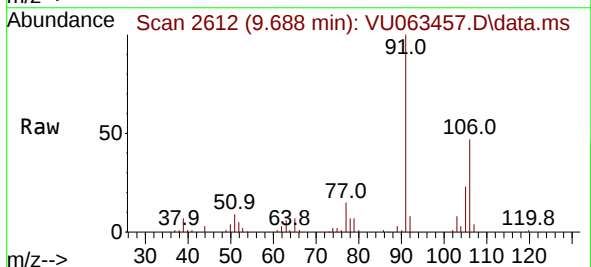
Manual Integrations
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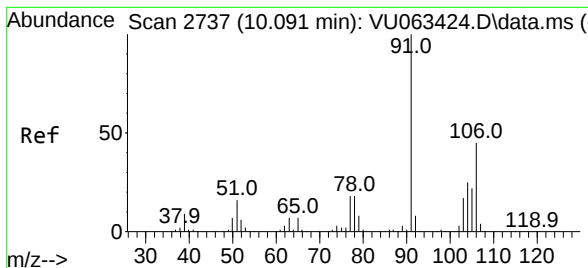
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#64
m/p-Xylenes
Concen: 1.169 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

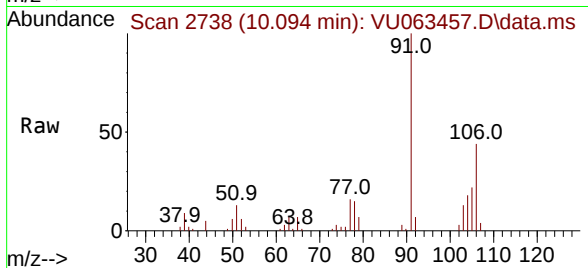
Tgt Ion:106 Resp: 26172
Ion Ratio Lower Upper
106 100
91 208.2 169.9 254.9





#65
o-Xylene
Concen: 0.595 ug/l
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

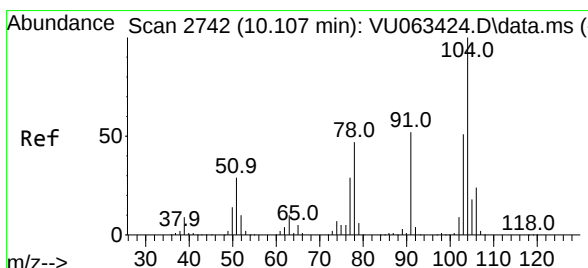
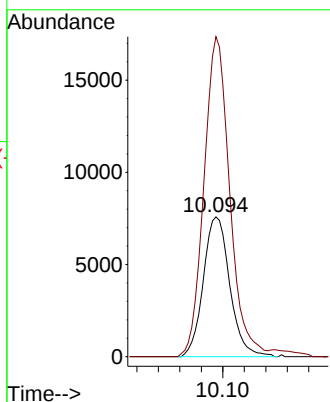
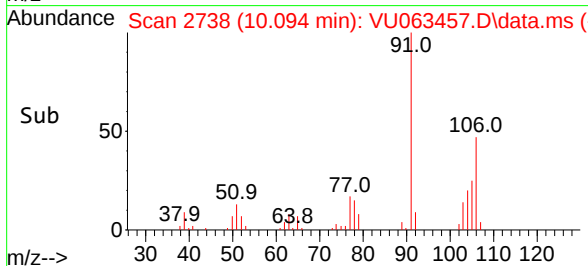
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



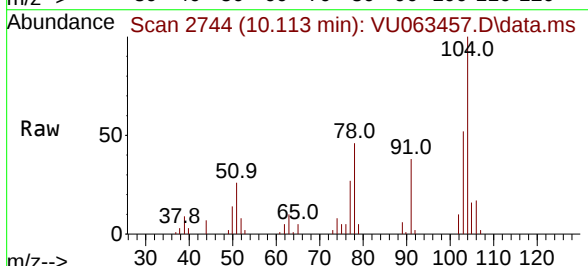
Tgt Ion:106 Resp: 12960
Ion Ratio Lower Upper
106 100
91 222.6 110.8 332.3

Manual Integrations
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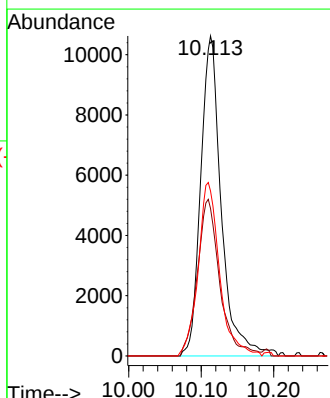
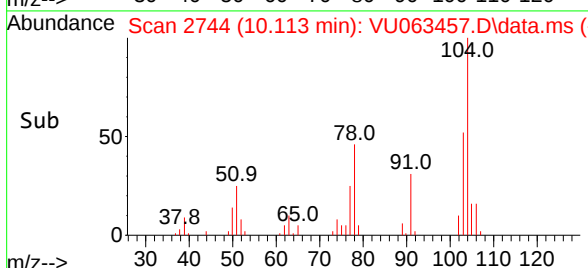
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

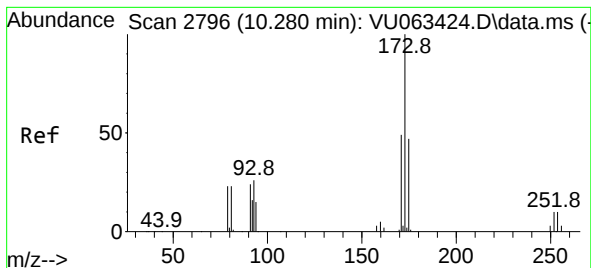


#66
Styrene
Concen: 0.591 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03



Tgt Ion:104 Resp: 20999
Ion Ratio Lower Upper
104 100
78 53.2 41.6 62.4
103 56.3 44.6 67.0





#67

Bromoform

Concen: 0.721 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063457.D

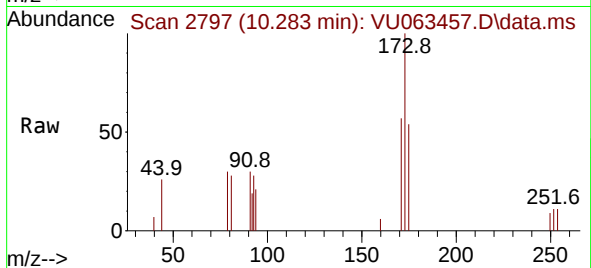
Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2025

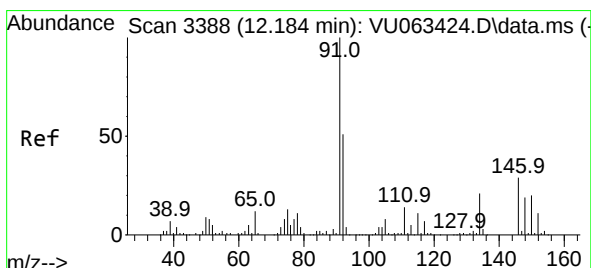
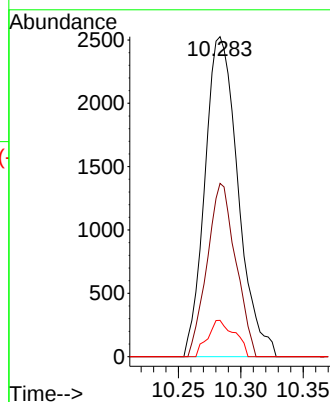
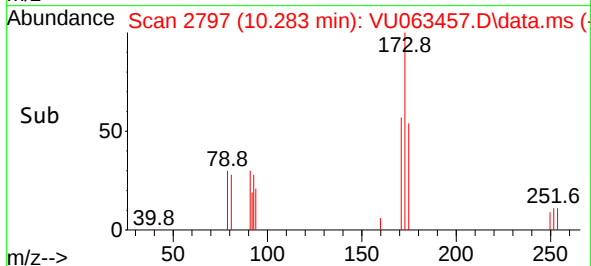


Tgt Ion:	173	Resp:	467
Ion Ratio	Lower	Upper	
173	100		
175	46.6	38.2	57.2
254	9.2	7.6	11.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.918 ug/l

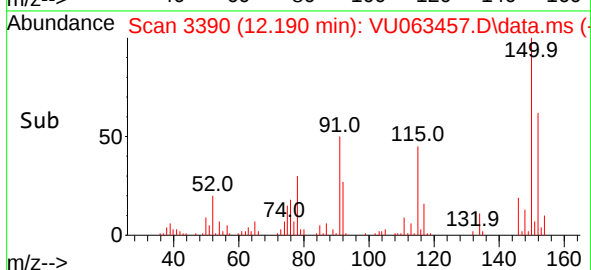
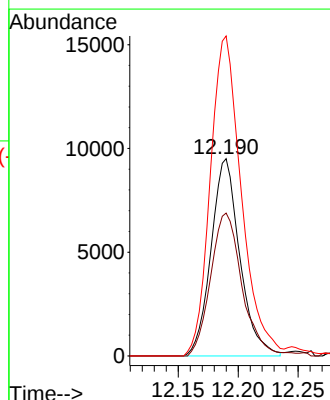
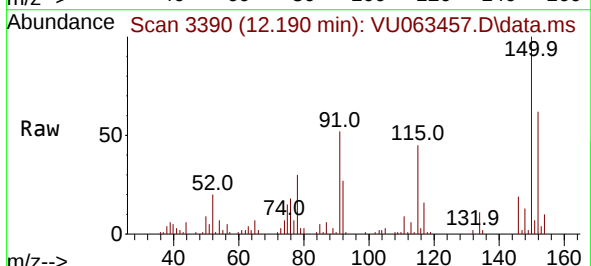
RT: 12.190 min Scan# 3390

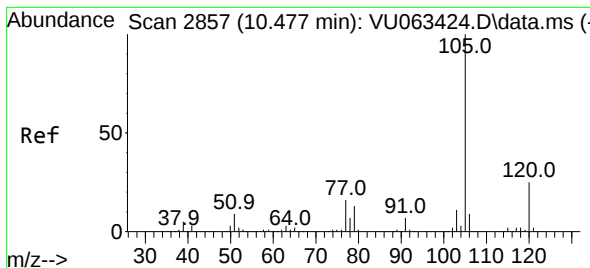
Delta R.T. 0.006 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Tgt Ion:	152	Resp:	15815
Ion Ratio	Lower	Upper	
152	100		
115	79.9	0.0	327.6
150	175.5	0.0	664.4





#69

Isopropylbenzene

Concen: 0.633 ug/l

RT: 10.476 min Scan# 2197

Delta R.T. -0.000 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

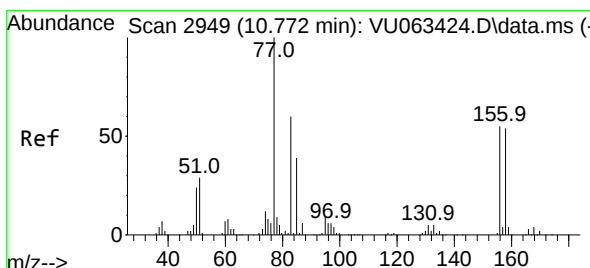
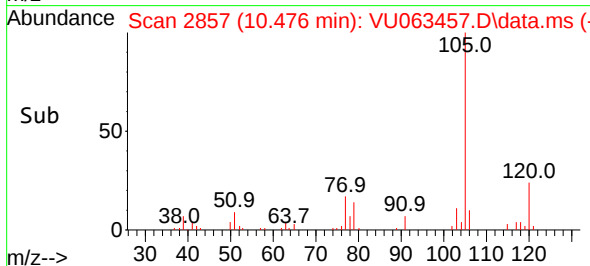
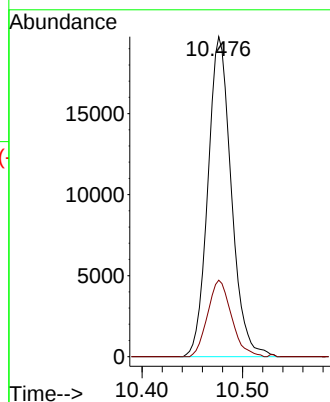
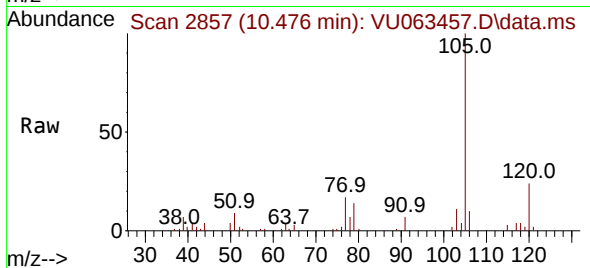
ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 31970
 Ion Ratio Lower Upper
 105 100
 120 24.4 12.7 38.1

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 0.770 ug/l

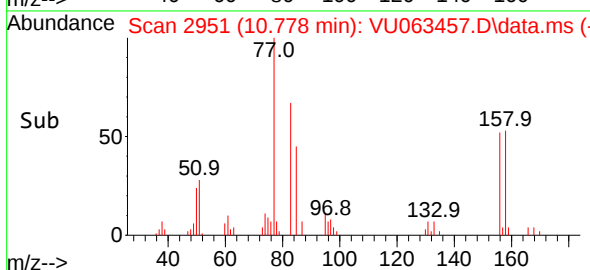
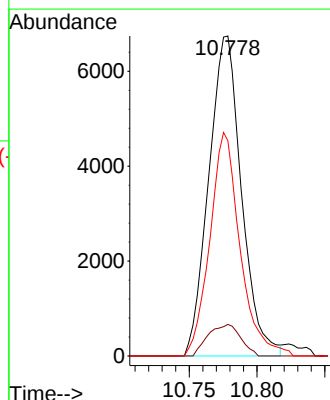
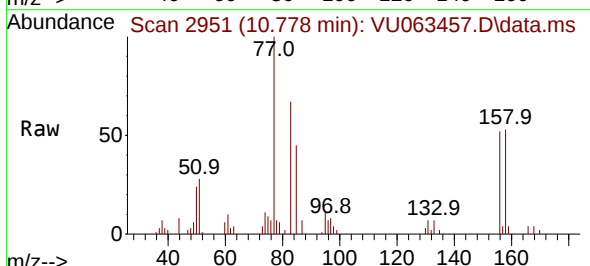
RT: 10.778 min Scan# 2951

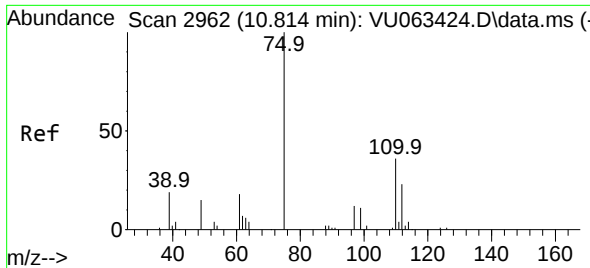
Delta R.T. 0.006 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

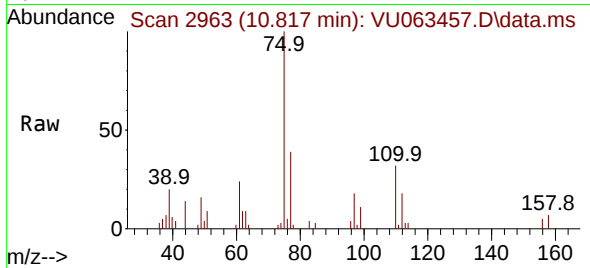
Tgt Ion: 83 Resp: 11312
 Ion Ratio Lower Upper
 83 100
 131 9.8 7.4 11.0
 85 64.5 51.3 76.9





#71
1,2,3-Trichloropropane
Concen: 0.843 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

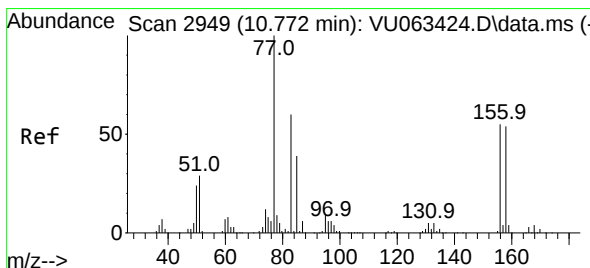
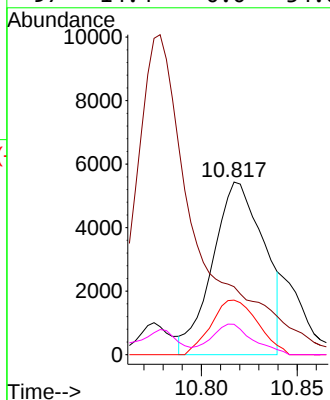
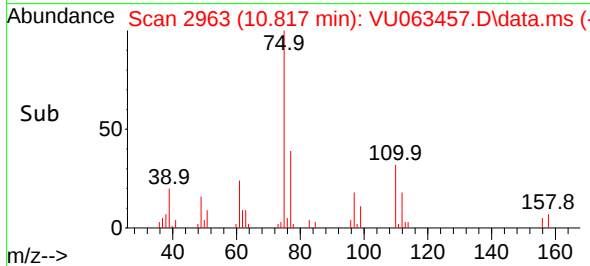
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



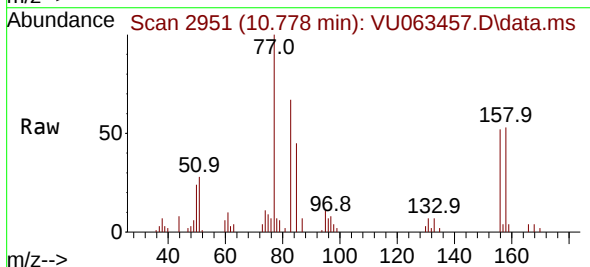
Tgt Ion: 75 Resp: 10119
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 28.8 0.0 63.4
97 14.4 0.0 34.0

Manual Integrations
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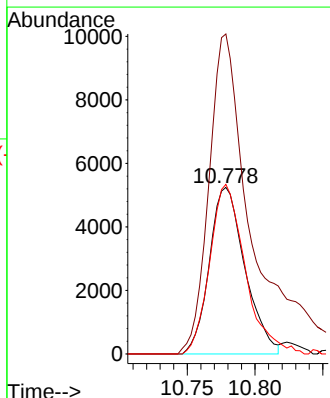
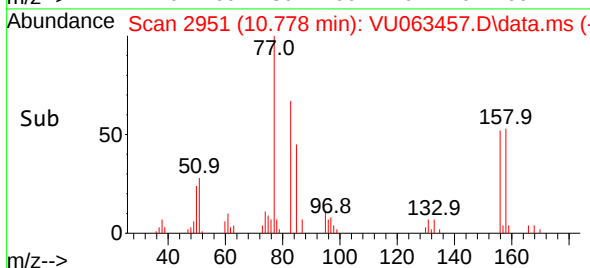
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

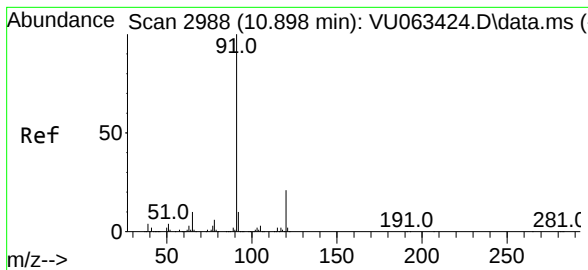


#72
Bromobenzene
Concen: 0.676 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03



Tgt Ion:156 Resp: 9581
Ion Ratio Lower Upper
156 100
77 234.5 0.0 416.2
158 101.6 0.0 190.6





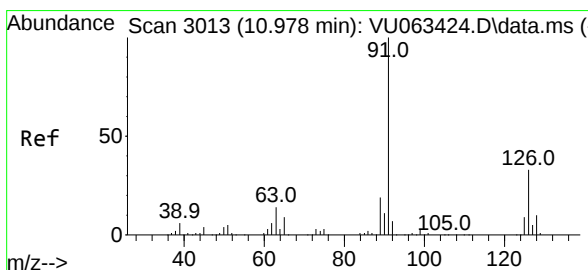
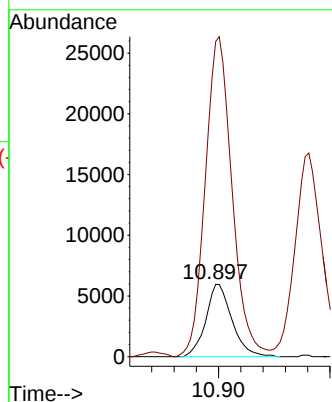
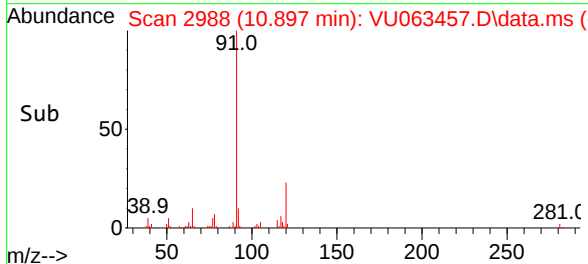
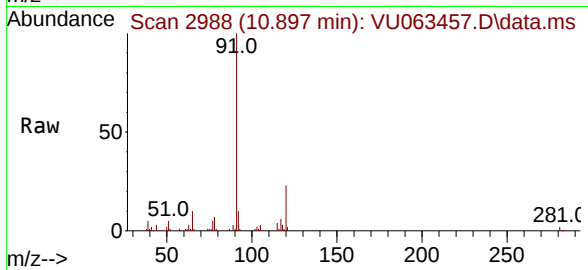
#73
n-propylbenzene
Concen: 0.633 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.001 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:120 Resp: 9690
Ion Ratio Lower Upper
120 100
91 454.3 373.7 560.5

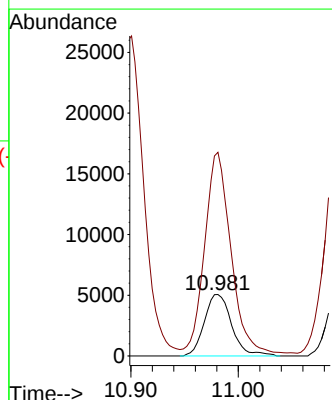
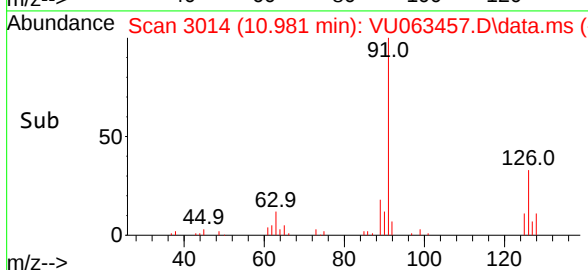
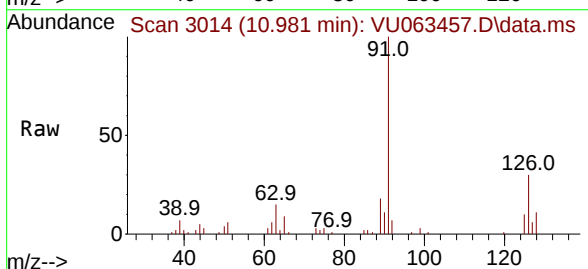
Manual Integrations
APPROVED

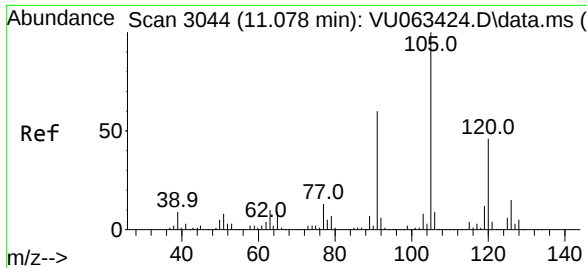
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#74
2-Chlorotoluene
Concen: 0.637 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion:126 Resp: 8926
Ion Ratio Lower Upper
126 100
91 314.5 0.0 650.8





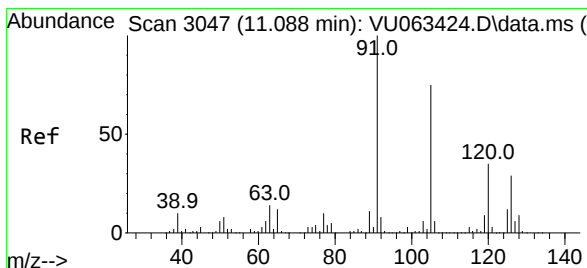
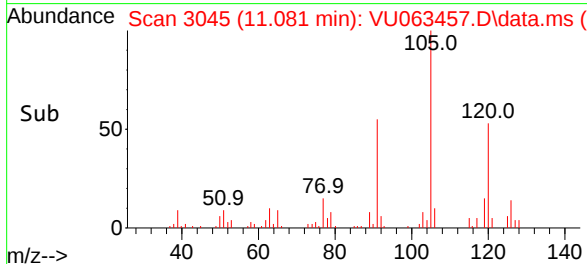
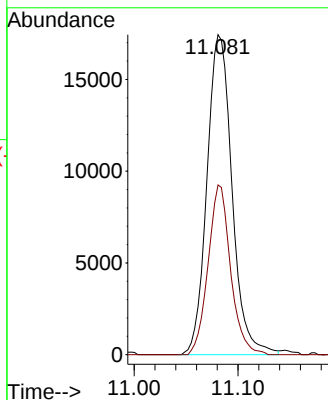
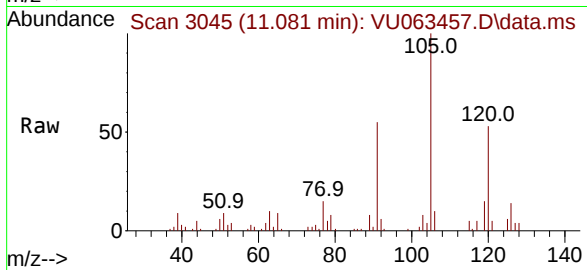
#75
1,3,5-Trimethylbenzene
Concen: 0.596 ug/l
RT: 11.081 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 2927
Ion Ratio Lower Upper
105 100
120 47.4 37.0 55.4

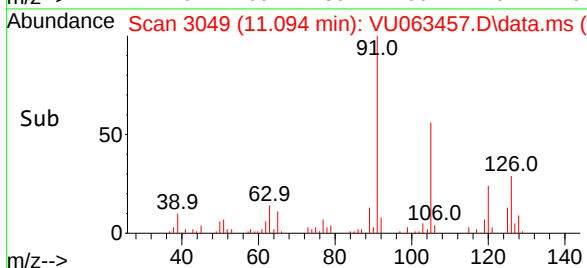
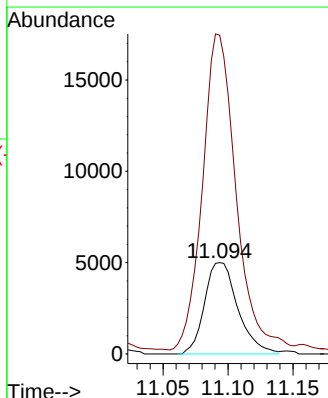
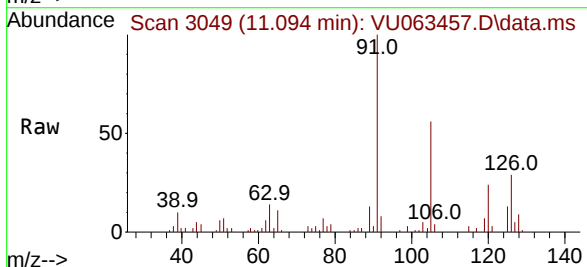
Manual Integrations
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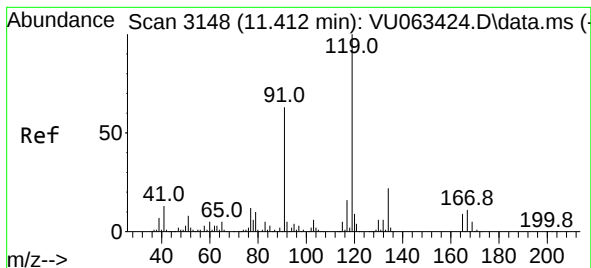
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#76
4-Chlorotoluene
Concen: 0.608 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion:126 Resp: 8924
Ion Ratio Lower Upper
126 100
91 346.9 0.0 713.2





#77

tert-Butylbenzene

Concen: 0.651 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Instrument :

MSVOA_U

ClientSampleId :

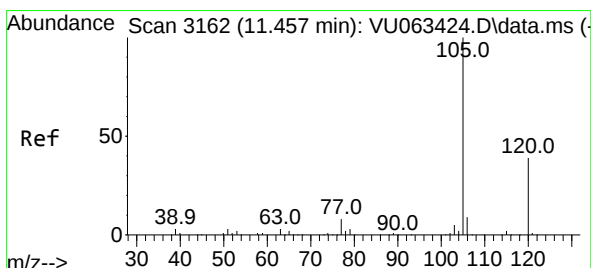
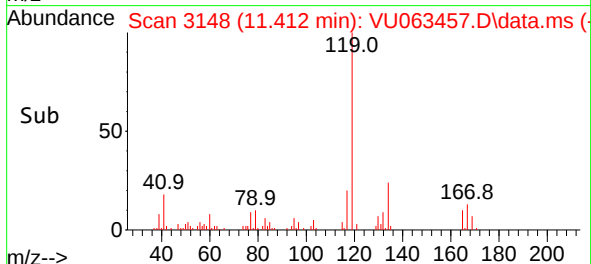
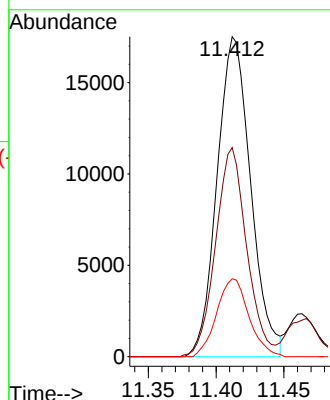
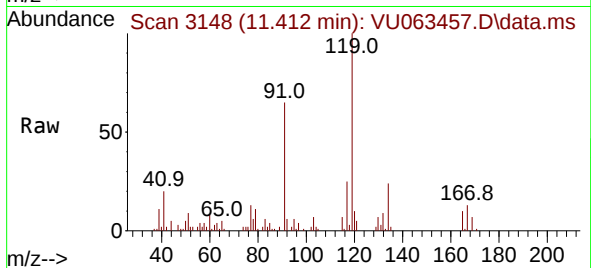
MDL-WATER-03-QT2-2025

Tgt Ion:	119	Resp:	3022
Ion Ratio	Lower	Upper	
119	100		
91	60.5	30.9	92.7
134	23.3	17.9	26.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#78

1,2,4-Trimethylbenzene

Concen: 0.582 ug/l

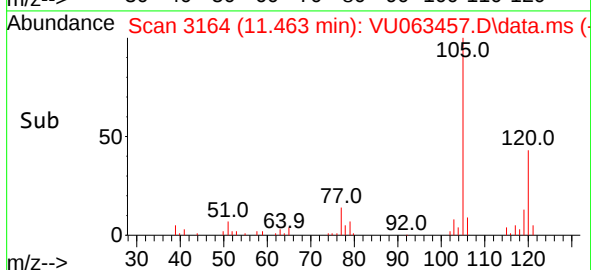
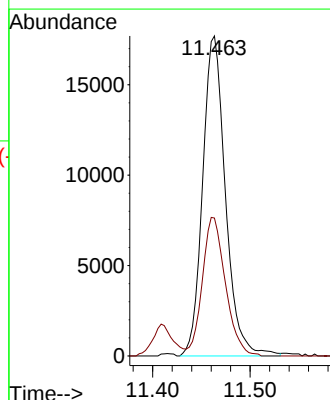
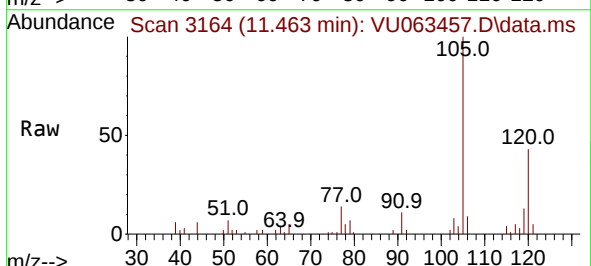
RT: 11.463 min Scan# 3164

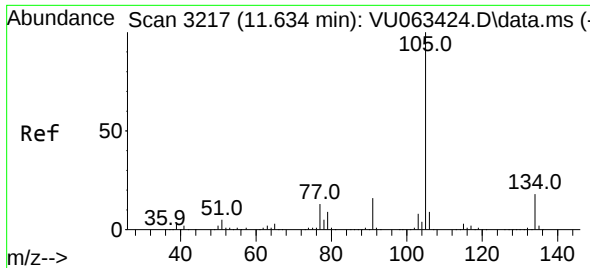
Delta R.T. 0.006 min

Lab File: VU063457.D

Acq: 25 Jun 2025 14:03

Tgt Ion:	105	Resp:	28790
Ion Ratio	Lower	Upper	
105	100		
120	43.9	22.1	66.5





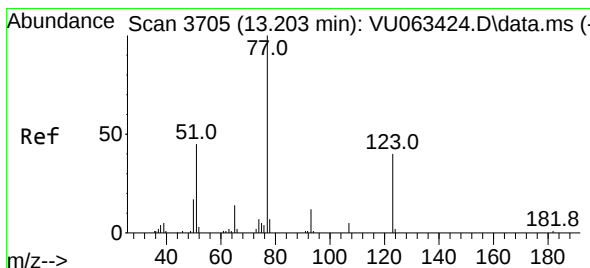
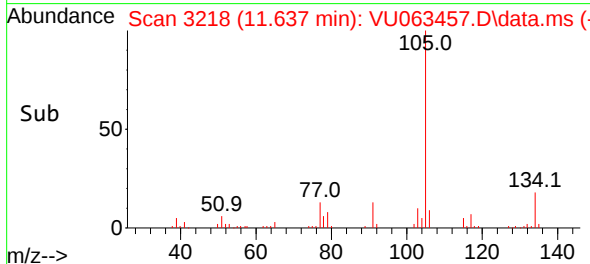
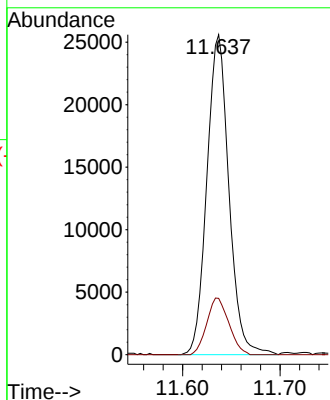
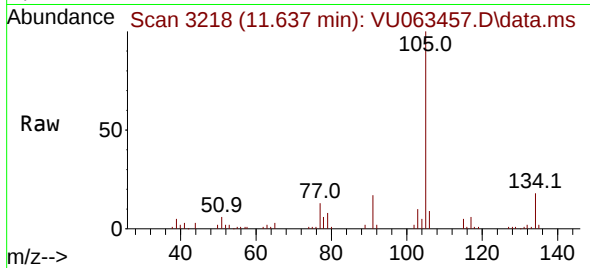
#79
 sec-Butylbenzene
 Concen: 0.611 ug/l
 RT: 11.637 min Scan# 3217
 Delta R.T. 0.003 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 40160
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.8 22.2

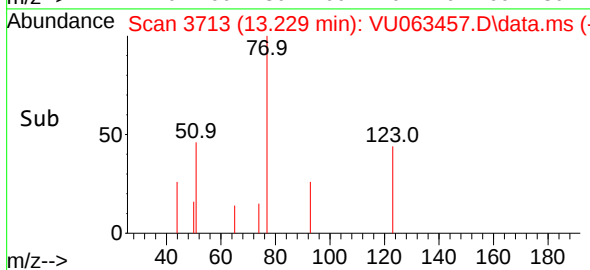
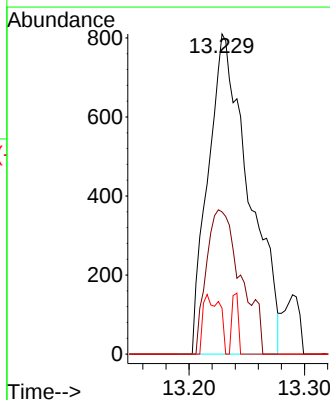
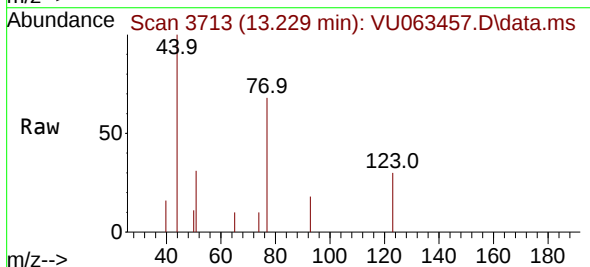
Manual Integrations
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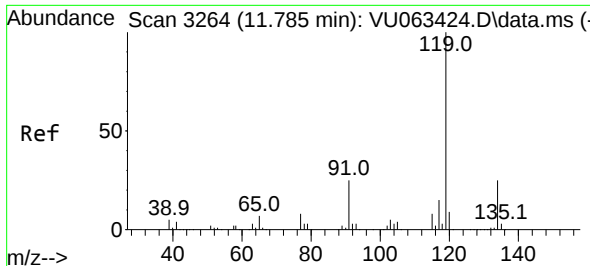
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#80
 Nitrobenzene
 Concen: 2.978 ug/l m
 RT: 13.229 min Scan# 3713
 Delta R.T. 0.026 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03

Tgt Ion: 77 Resp: 1994
 Ion Ratio Lower Upper
 77 100
 123 38.0 19.6 69.6
 65 7.5 10.6 13.4#





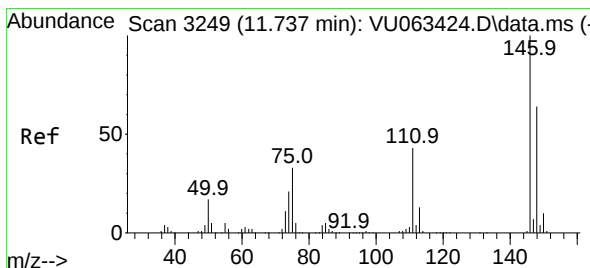
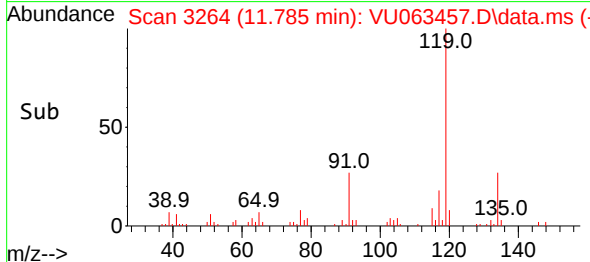
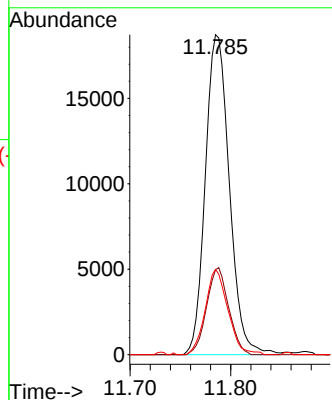
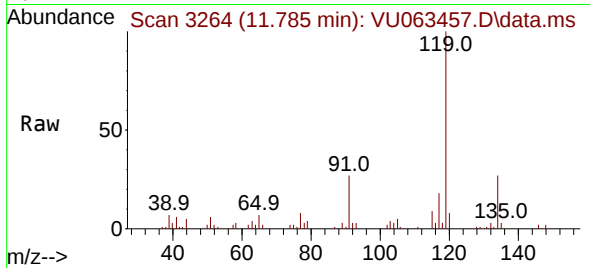
#81
p-Isopropyltoluene
Concen: 0.606 ug/l
RT: 11.785 min Scan# 31120
Delta R.T. -0.000 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion:119 Resp: 31120
Ion Ratio Lower Upper
119 100
134 25.0 20.2 30.2
91 25.1 19.7 29.5

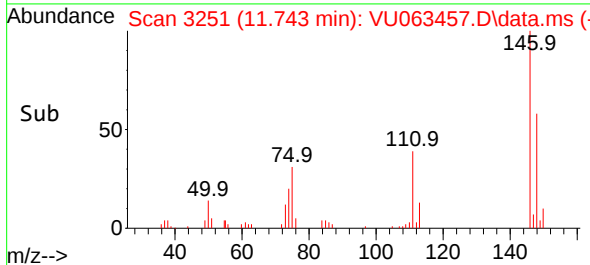
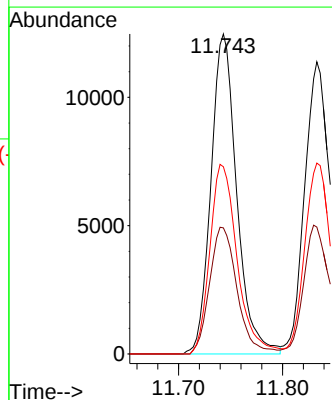
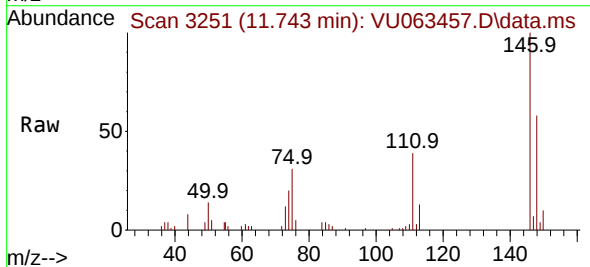
Manual Integrations
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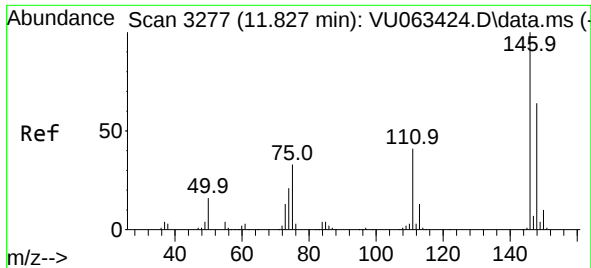
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#82
1,3-Dichlorobenzene
Concen: 0.731 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

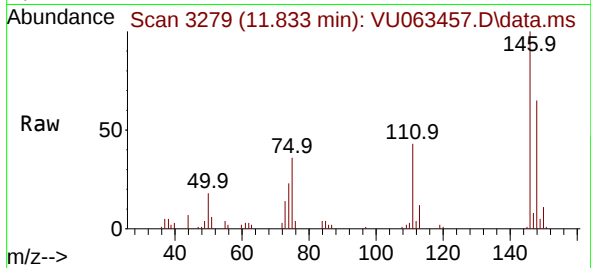
Tgt Ion:146 Resp: 21480
Ion Ratio Lower Upper
146 100
111 42.2 34.3 51.5
148 63.0 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.704 ug/l m
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

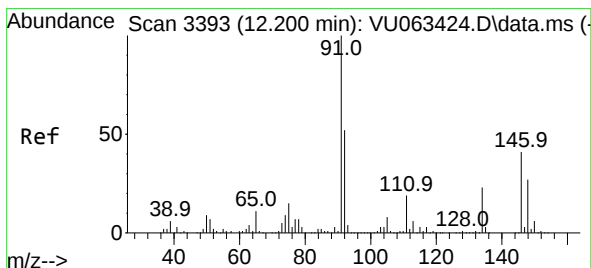
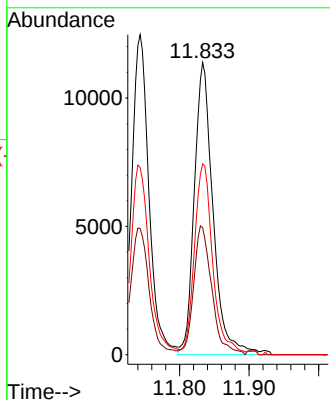
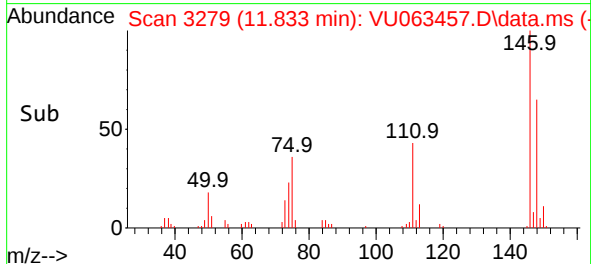
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



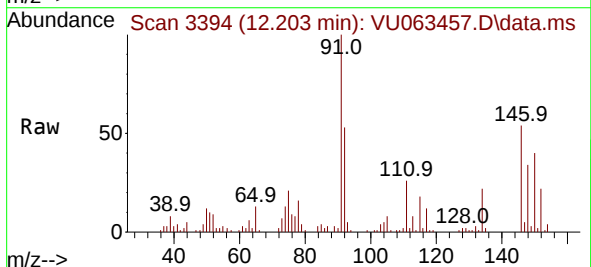
Tgt Ion:146 Resp: 21452
Ion Ratio Lower Upper
146 100
111 42.4 31.7 47.5
148 61.6 51.4 77.0

Manual Integrations
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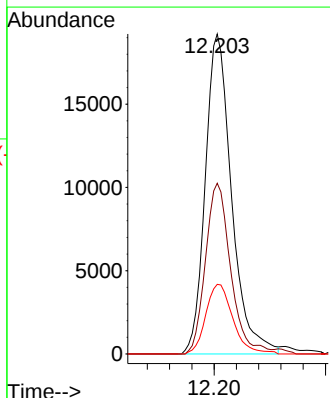
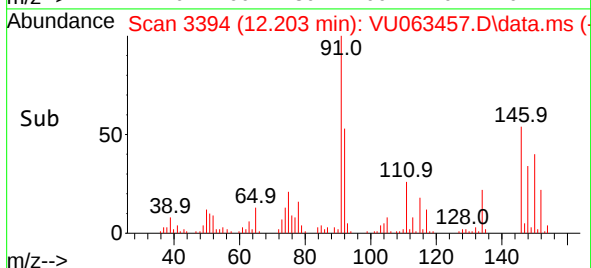
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

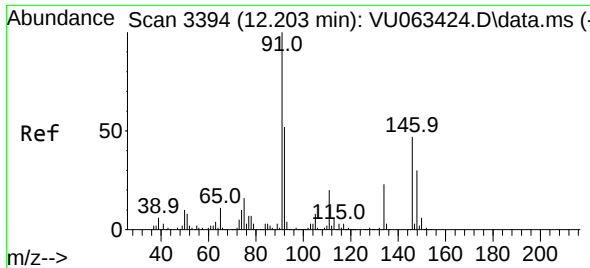


#84
n-Butylbenzene
Concen: 0.586 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03



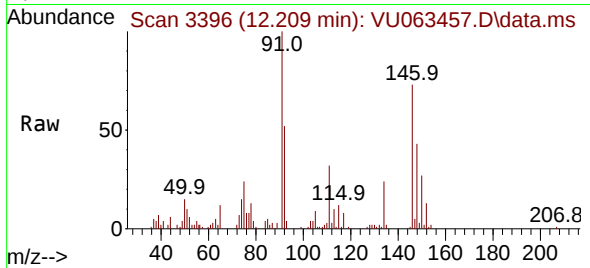
Tgt Ion: 91 Resp: 31547
Ion Ratio Lower Upper
91 100
92 51.0 41.0 61.6
134 22.4 18.5 27.7





#85
 1,2-Dichlorobenzene
 Concen: 0.708 ug/l
 RT: 12.209 min Scan# 311
 Delta R.T. 0.006 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03

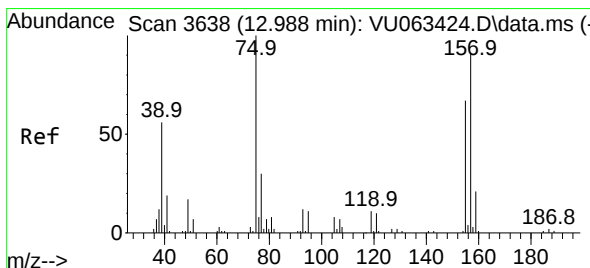
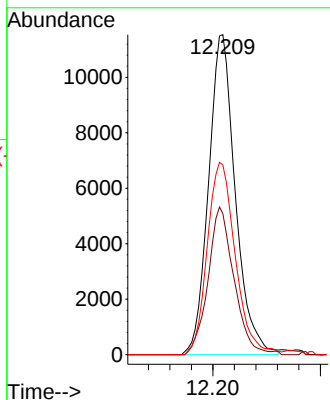
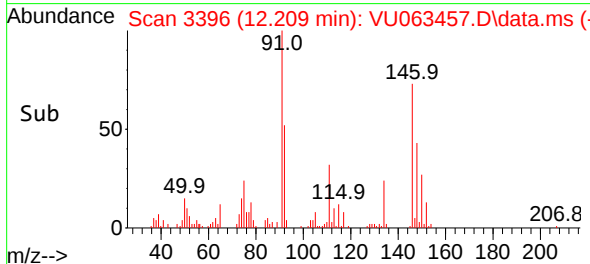
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2025



Tgt Ion:146 Resp: 1991
 Ion Ratio Lower Upper
 146 100
 111 44.7 21.8 65.4
 148 63.0 32.3 96.9

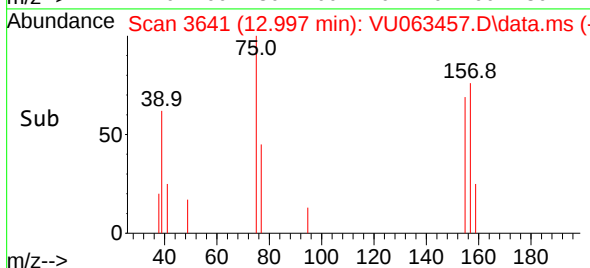
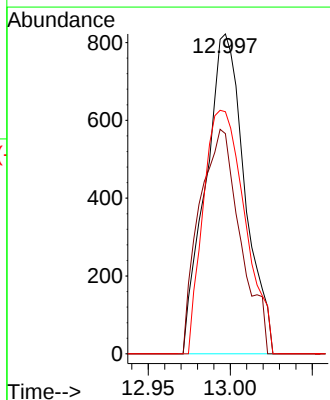
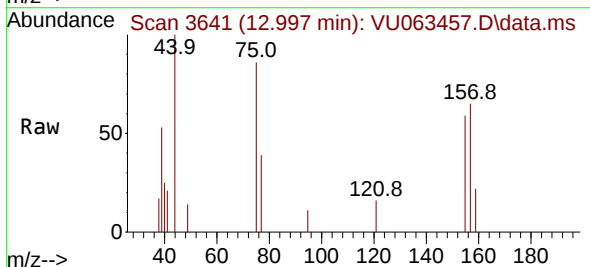
Manual Integrations
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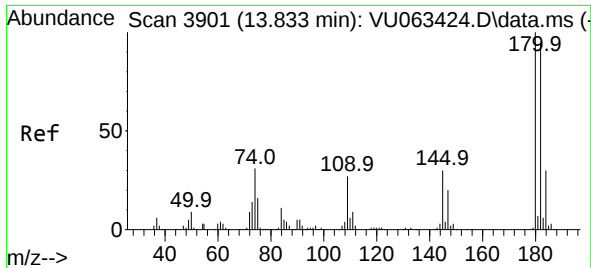
Reviewed By :Mahesh Dadoda 06/26/2025
 Supervised By :Semsettin Yesilyurt 06/26/2025



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.674 ug/l
 RT: 12.997 min Scan# 3641
 Delta R.T. 0.009 min
 Lab File: VU063457.D
 Acq: 25 Jun 2025 14:03

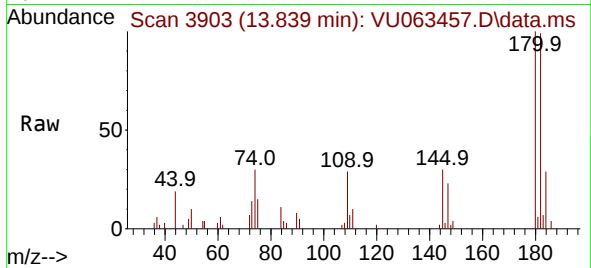
Tgt Ion: 75 Resp: 1361
 Ion Ratio Lower Upper
 75 100
 155 73.6 59.7 89.5
 157 81.5 75.0 112.4





#87
1,2,4-Trichlorobenzene
Concen: 0.662 ug/l
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

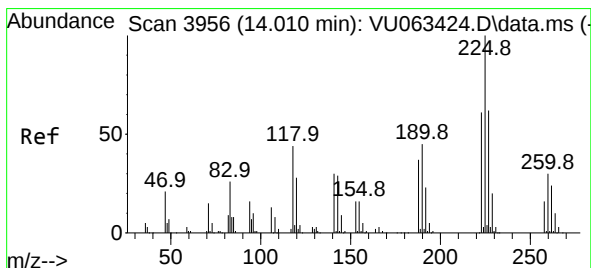
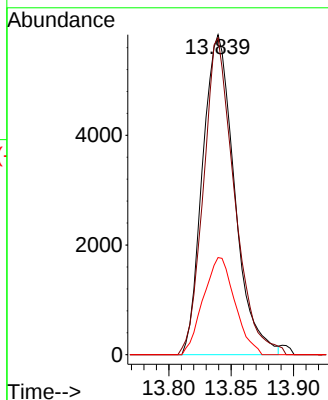
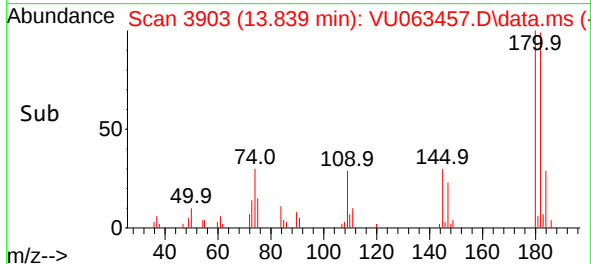
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2025



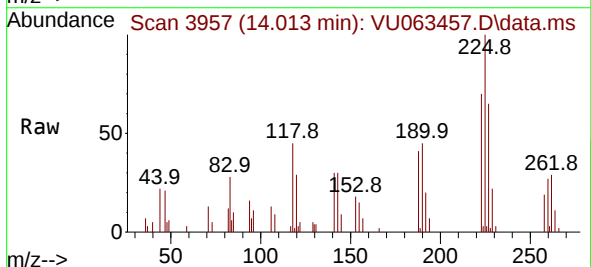
Tgt Ion:180 Resp: 1037
Ion Ratio Lower Upper
180 100
182 95.6 75.6 113.4
145 30.1 24.6 36.8

Manual Integrations
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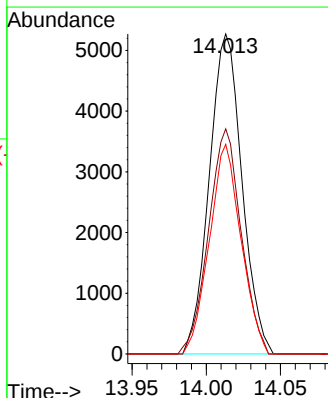
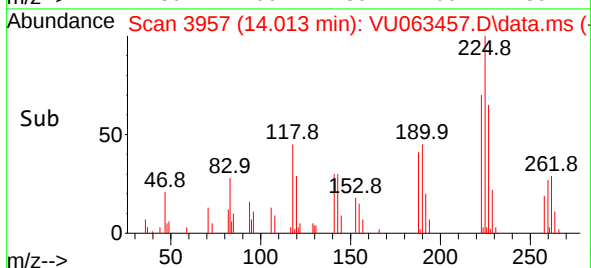
Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025

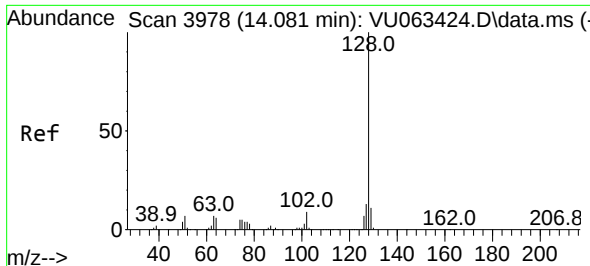


#88
Hexachlorobutadiene
Concen: 0.726 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03



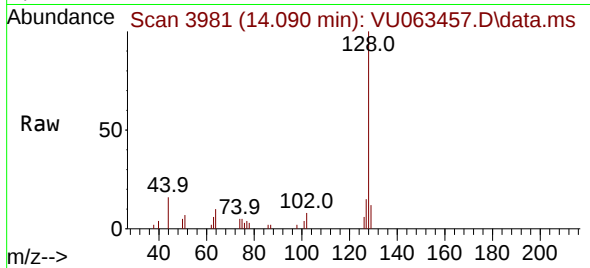
Tgt Ion:225 Resp: 8070
Ion Ratio Lower Upper
225 100
223 70.3 50.0 75.0
227 63.6 51.5 77.3





#89
Naphthalene
Concen: 0.613 ug/l
RT: 14.090 min Scan# 3978
Delta R.T. 0.009 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

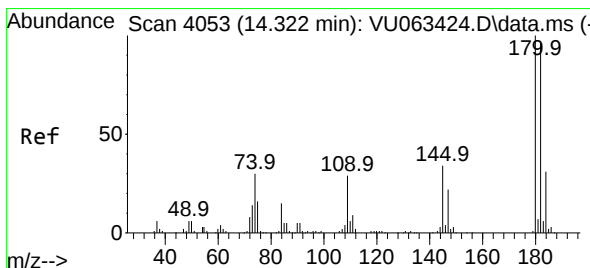
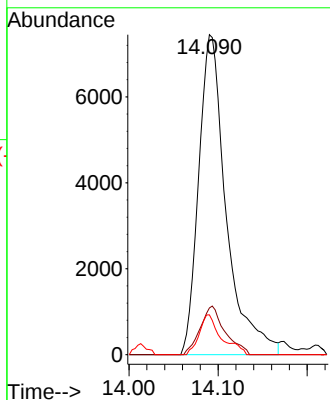
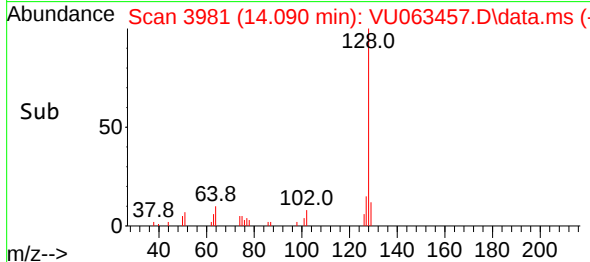
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:128 Resp: 16000
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 10.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/26/2025
Supervised By :Semsettin Yesilyurt 06/26/2025



#90
1,2,3-Trichlorobenzene
Concen: 0.629 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063457.D
Acq: 25 Jun 2025 14:03

Tgt Ion:180 Resp: 9804
Ion Ratio Lower Upper
180 100
182 90.6 76.7 115.1
145 31.8 27.4 41.2

