

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071025\
 Data File : VU063476.D
 Acq On : 10 Jul 2025 13:23
 Operator : MD/SY
 Sample : MDL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

Quant Time: Jul 11 04:51:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 11 04:42:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.357	168	110495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	203495	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	187563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	96939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	75246	53.374	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.740%			
35) Dibromofluoromethane	5.277	113	59958	48.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.760%			
50) Toluene-d8	7.885	98	188002	47.019	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.040%			
62) 4-Bromofluorobenzene	10.624	95	83792	47.910	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	2398	2.729	ug/l	93
3) Chloromethane	1.518	50	3832	3.580	ug/l	97
4) Vinyl Chloride	1.599	62	3578	3.015	ug/l	95
5) Bromomethane	1.846	94	3495	4.203	ug/l	94
6) Chloroethane	1.924	64	3026	3.519	ug/l	94
7) Trichlorofluoromethane	2.126	101	5731	2.993	ug/l	97
8) Diethyl Ether	2.370	74	2441	3.059	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.563	101	3377	2.982	ug/l	93
10) Methyl Iodide	2.708	142	3092	2.614	ug/l	95
11) Tert butyl alcohol	3.190	59	8686	18.376	ug/l #	91
12) 1,1-Dichloroethene	2.570	96	3735	3.543	ug/l	96
13) Acrolein	2.480	56	1028	15.408	ug/l #	67
14) Allyl chloride	2.907	41	6744	2.688	ug/l #	84
15) Acrylonitrile	3.306	53	17201	16.989	ug/l	98
16) Acetone	2.618	43	19607	16.579	ug/l	99
17) Carbon Disulfide	2.776	76	8770	3.480	ug/l	99
18) Methyl Acetate	2.940	43	8512	2.797	ug/l	95
19) Methyl tert-butyl Ether	3.361	73	13012	2.862	ug/l	91
20) Methylene Chloride	3.026	84	6024	3.493	ug/l	95
21) trans-1,2-Dichloroethene	3.332	96	4023	3.552	ug/l	98
22) Diisopropyl ether	3.994	45	12223	2.861	ug/l #	78
23) Vinyl Acetate	3.952	43	48086	14.504	ug/l	99
24) 1,1-Dichloroethane	3.846	63	6691	2.759	ug/l	96
25) 2-Butanone	4.718	43	18990	14.304	ug/l	96
26) 2,2-Dichloropropane	4.644	77	5443	2.580	ug/l	95
27) cis-1,2-Dichloroethene	4.647	96	4226	2.827	ug/l	95
28) Bromochloromethane	4.962	49	3506	3.078	ug/l #	97
29) Tetrahydrofuran	5.058	42	12653	15.109	ug/l	99
30) Chloroform	5.074	83	7167	2.799	ug/l	92
31) Cyclohexane	5.364	56	8391	4.304	ug/l #	76
32) 1,1,1-Trichloroethane	5.296	97	6051	2.776	ug/l	91
36) 1,1-Dichloropropene	5.518	75	4971	2.982	ug/l	95
37) Ethyl Acetate	4.820	43	5278	1.955	ug/l #	94
38) Carbon Tetrachloride	5.505	117	4865	2.649	ug/l	97
39) Methylcyclohexane	6.746	83	6061	3.010	ug/l	97
40) Benzene	5.766	78	14347	2.756	ug/l #	90

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Quant Time: Jul 11 04:51:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 11 04:42:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.984	41	1182	0.928	ug/l #	29
42) 1,2-Dichloroethane	5.785	62	5584	2.853	ug/l	91
43) Isopropyl Acetate	5.920	43	8558	2.387	ug/l #	75
44) Trichloroethene	6.534	130	3508	2.518	ug/l	85
45) 1,2-Dichloropropane	6.779	63	3858	2.666	ug/l	97
46) Dibromomethane	6.910	93	2886	2.803	ug/l	98
47) Bromodichloromethane	7.097	83	5342	2.495	ug/l #	96
48) Methyl methacrylate	6.968	41	4177	2.521	ug/l #	92
49) 1,4-Dioxane	6.978	88	2006	55.166	ug/l #	63
51) 4-Methyl-2-Pentanone	7.785	43	38823	14.960	ug/l	97
52) Toluene	7.962	92	8643	2.539	ug/l	97
53) t-1,3-Dichloropropene	8.209	75	3882	2.072	ug/l	89
54) cis-1,3-Dichloropropene	7.602	75	4764	2.272	ug/l	92
55) 1,1,2-Trichloroethane	8.393	97	3615	2.500	ug/l #	91
56) Ethyl methacrylate	8.332	69	5157	2.211	ug/l #	79
57) 1,3-Dichloropropane	8.570	76	6027	2.529	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.476	63	142	5.863	ug/l #	65
59) 2-Hexanone	8.682	43	28309	14.423	ug/l	99
60) Dibromochloromethane	8.801	129	3668	2.265	ug/l	98
61) 1,2-Dibromoethane	8.917	107	3787	2.669	ug/l	97
64) Tetrachloroethene	8.547	164	3854	2.760	ug/l	96
65) Chlorobenzene	9.441	112	10933	2.802	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.528	131	3459	2.585	ug/l	89
67) Ethyl Benzene	9.563	91	18400	2.744	ug/l	96
68) m/p-Xylenes	9.685	106	13435	5.249	ug/l	94
69) o-Xylene	10.094	106	6712	2.579	ug/l	95
70) Styrene	10.110	104	10907	2.636	ug/l	98
71) Bromoform	10.283	173	2354	2.018	ug/l #	98
73) Isopropylbenzene	10.476	105	17926	2.718	ug/l	100
74) N-amyl acetate	10.319	43	7710	2.606	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	10.772	83	7019	2.891	ug/l	91
76) 1,2,3-Trichloropropane	10.814	75	6407	2.494	ug/l #	81
77) Bromobenzene	10.775	156	4264	2.637	ug/l	59
78) n-propylbenzene	10.897	91	20889	2.731	ug/l	97
79) 2-Chlorotoluene	10.978	91	13209	2.753	ug/l	97
80) 1,3,5-Trimethylbenzene	11.081	105	15131	2.623	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.624	75	44466	86.337	ug/l #	12
82) 4-Chlorotoluene	11.094	91	15245	2.799	ug/l	96
83) tert-Butylbenzene	11.409	119	14234	2.573	ug/l	90
84) 1,2,4-Trimethylbenzene	11.463	105	14675	2.590	ug/l	98
85) sec-Butylbenzene	11.634	105	18907	2.590	ug/l	99
86) p-Isopropyltoluene	11.785	119	15490	2.615	ug/l	94
87) 1,3-Dichlorobenzene	11.740	146	8529	2.737	ug/l	99
88) 1,4-Dichlorobenzene	11.827	146	8251	2.597	ug/l	79
89) n-Butylbenzene	12.203	91	15785	2.880	ug/l	95
90) Hexachloroethane	12.466	117	2064	2.084	ug/l	86
91) 1,2-Dichlorobenzene	12.209	146	8196	2.698	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.991	75	1716	2.984	ug/l	79
93) 1,2,4-Trichlorobenzene	13.839	180	5715	2.937	ug/l	99
94) Hexachlorobutadiene	14.010	225	2379	2.860	ug/l	91
95) Naphthalene	14.090	128	21252	3.335	ug/l	98
96) 1,2,3-Trichlorobenzene	14.322	180	5718	2.990	ug/l	94

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ALS Vial : 12 Sample Multiplier: 1

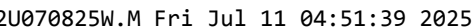
Instrument :
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ClientSampleId :
MDL02

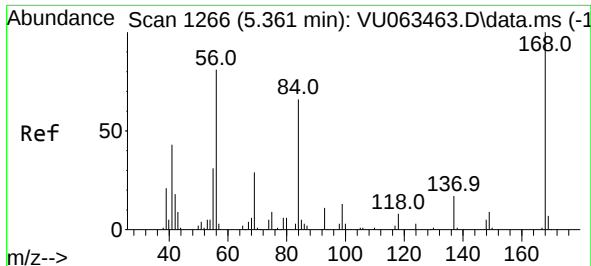
Quant Time: Jul 11 04:51:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 11 04:42:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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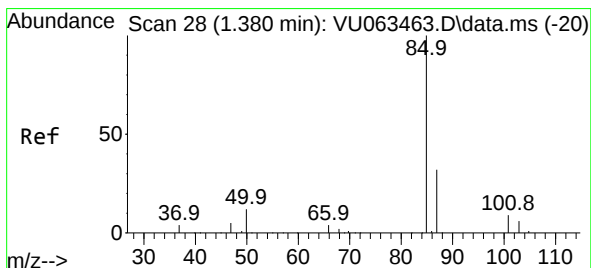
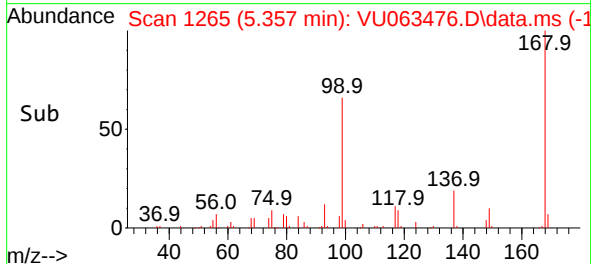
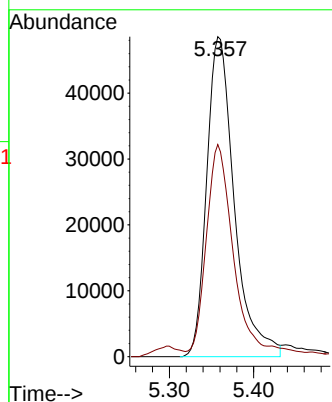
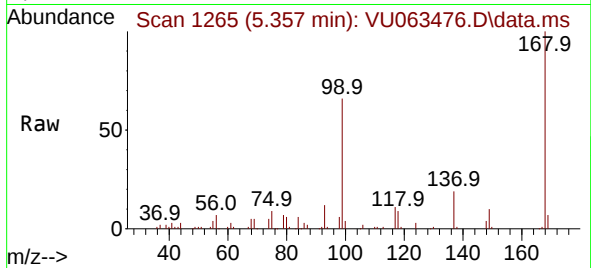




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU063476.D
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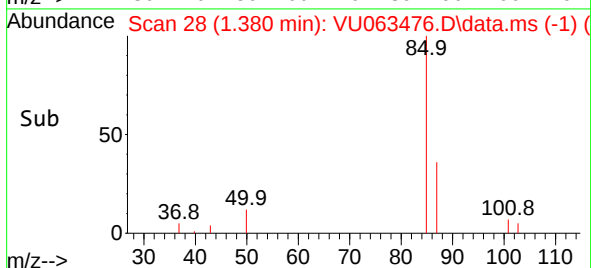
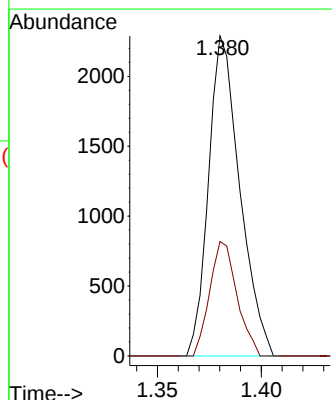
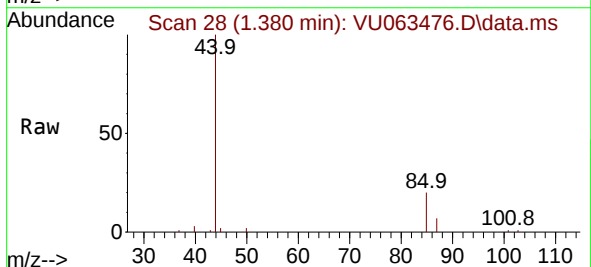
Instrument :
MSVOA_U
ClientSampleId :
MDL02

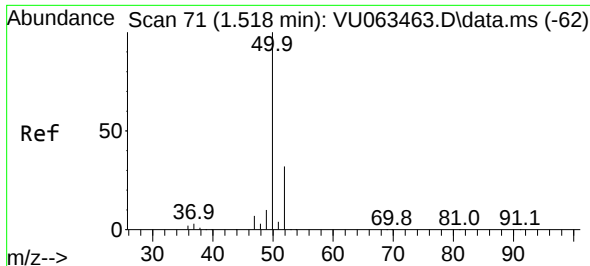
Tgt Ion:168 Resp: 110495
Ion Ratio Lower Upper
168 100
99 64.3 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 2.729 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 85 Resp: 2398
Ion Ratio Lower Upper
85 100
87 35.7 16.1 48.2





#3
Chloromethane
Concen: 3.580 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

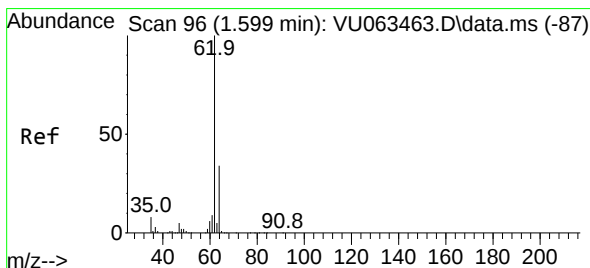
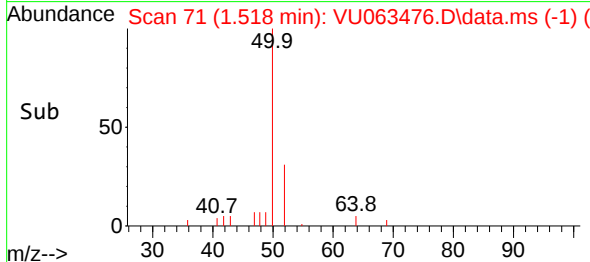
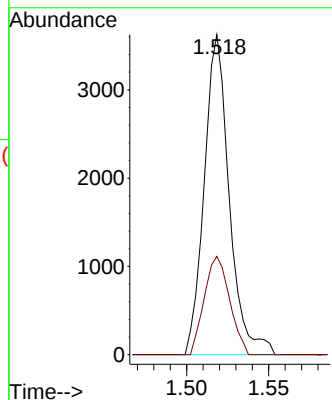
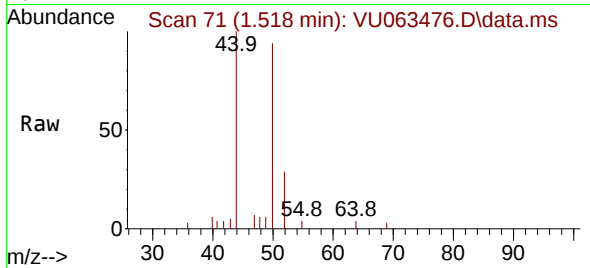
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MSVOA_U

ClientSampleId :

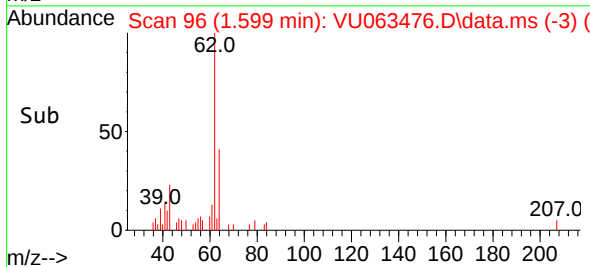
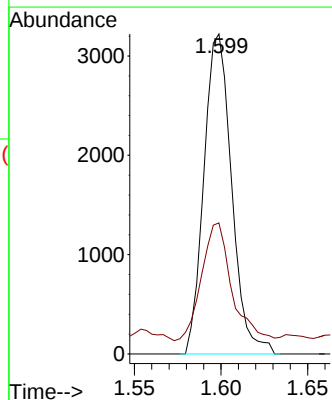
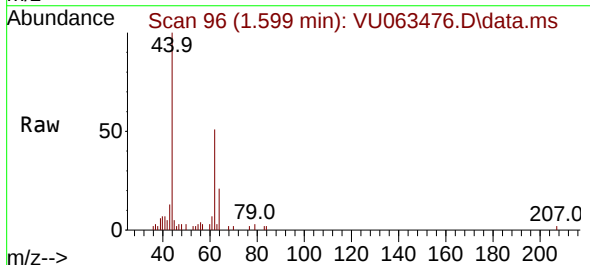
MDL02

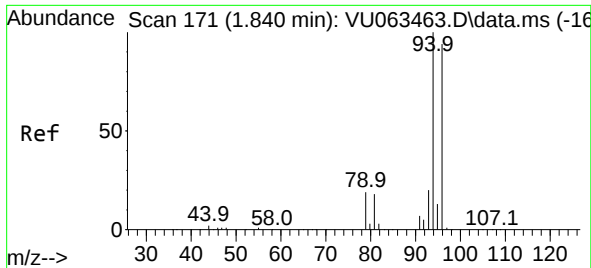
Tgt Ion: 50 Resp: 3832
Ion Ratio Lower Upper
50 100
52 30.7 25.8 38.8



#4
Vinyl Chloride
Concen: 3.015 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 62 Resp: 3578
Ion Ratio Lower Upper
62 100
64 36.2 26.9 40.3

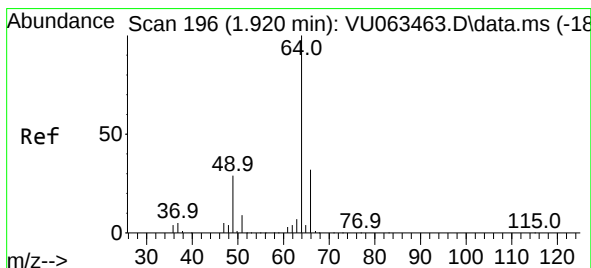
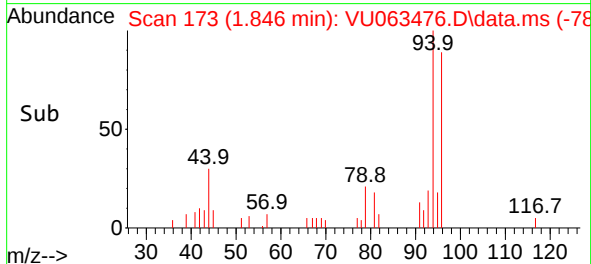
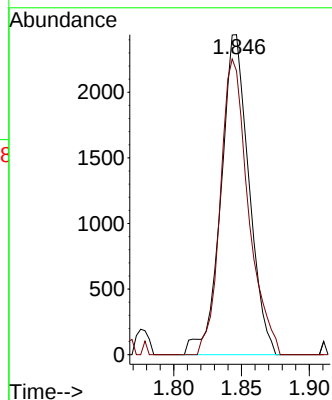
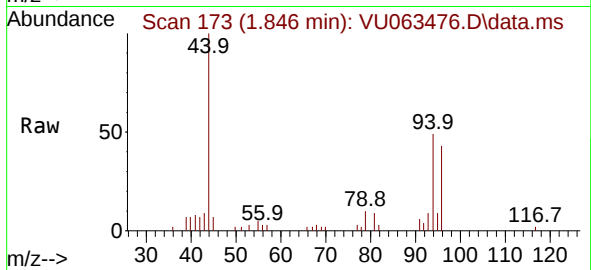




#5
Bromomethane
Concen: 4.203 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

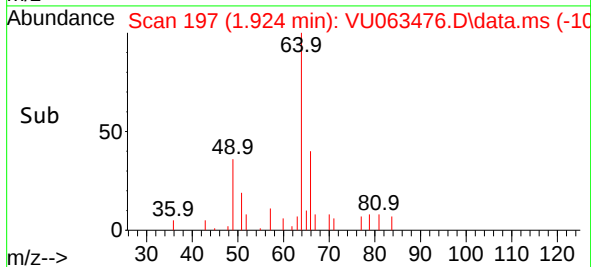
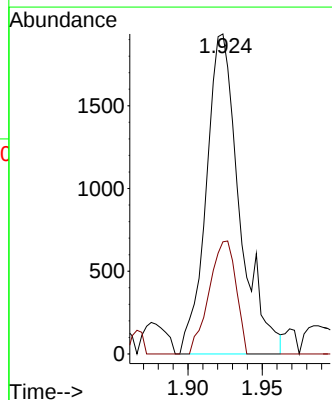
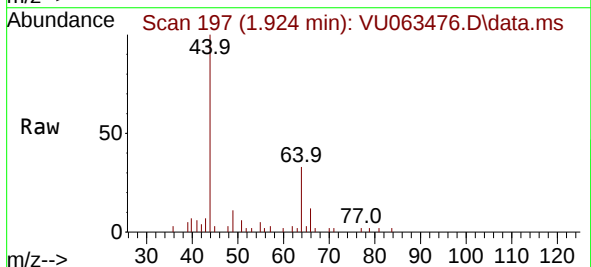
Instrument :
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Tgt Ion: 94 Resp: 3495
Ion Ratio Lower Upper
94 100
96 88.6 75.5 113.3



#6
Chloroethane
Concen: 3.519 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.004 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 64 Resp: 3026
Ion Ratio Lower Upper
64 100
66 35.1 25.3 37.9

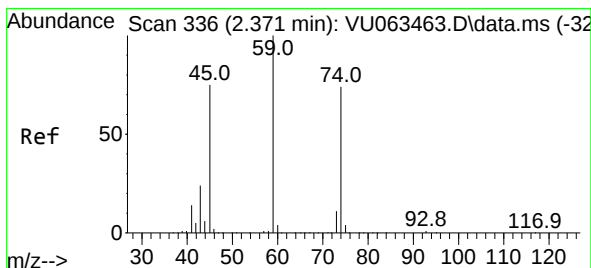
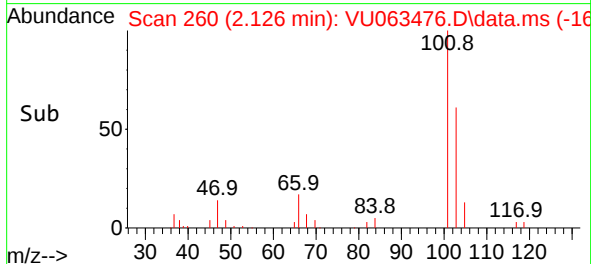
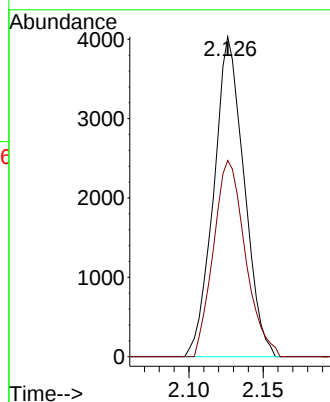
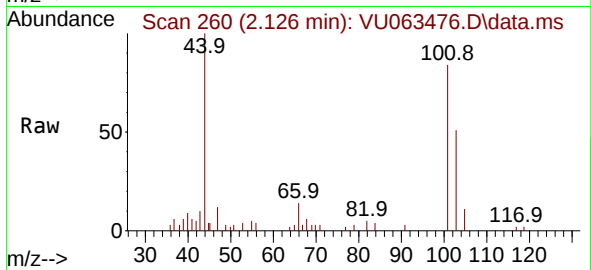




#7
 Trichlorofluoromethane
 Concen: 2.993 ug/l
 RT: 2.126 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU063476.D
 Acq: 10 Jul 2025 13:23

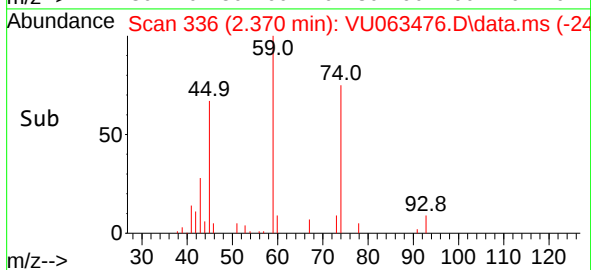
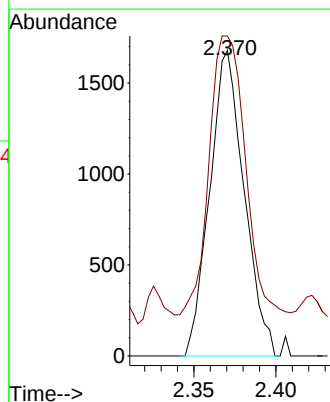
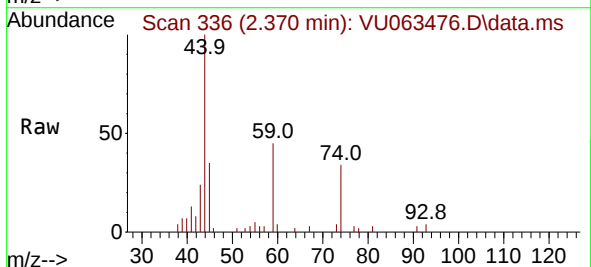
Instrument :
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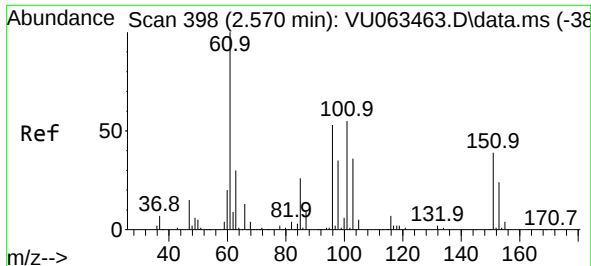
Tgt Ion:101 Resp: 5731
 Ion Ratio Lower Upper
 101 100
 103 61.3 51.1 76.7



#8
 Diethyl Ether
 Concen: 3.059 ug/l
 RT: 2.370 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VU063476.D
 Acq: 10 Jul 2025 13:23

Tgt Ion: 74 Resp: 2441
 Ion Ratio Lower Upper
 74 100
 45 101.0 49.7 149.1

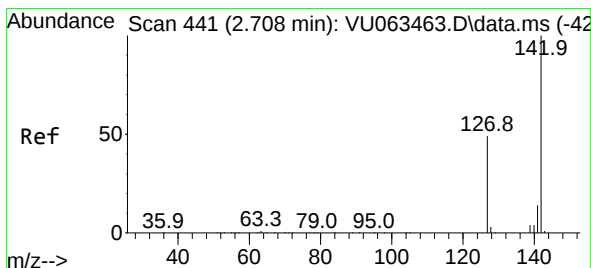
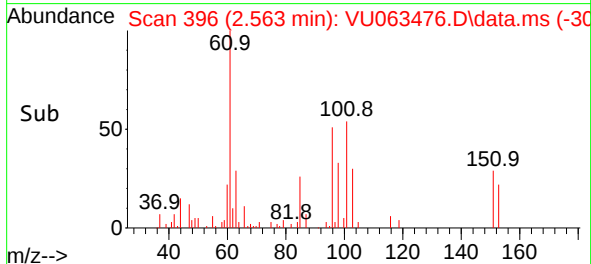
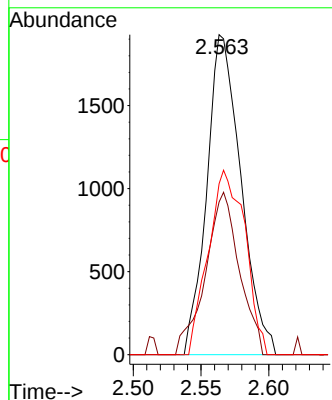
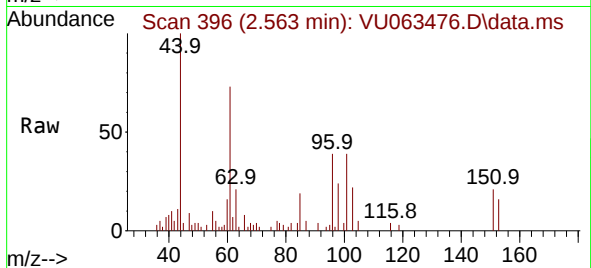




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.982 ug/l
RT: 2.563 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

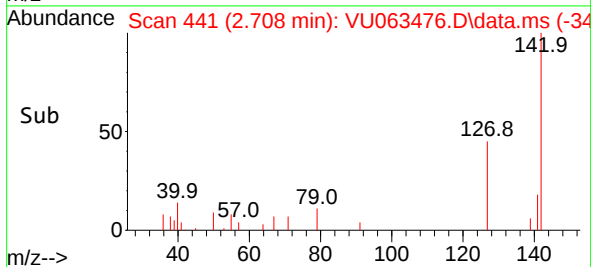
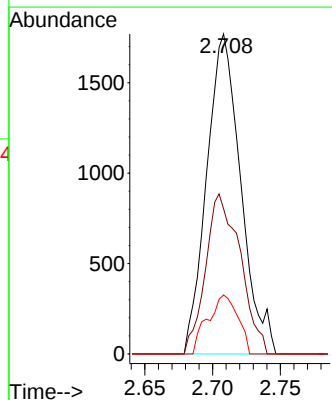
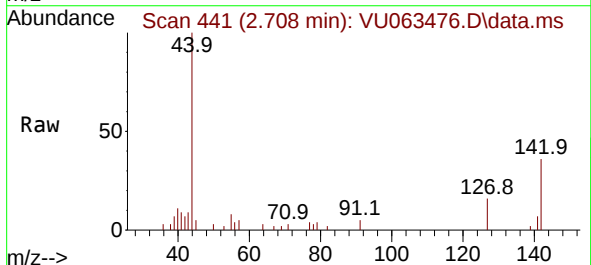
Instrument :
MSVOA_U
ClientSampleId :
MDL02

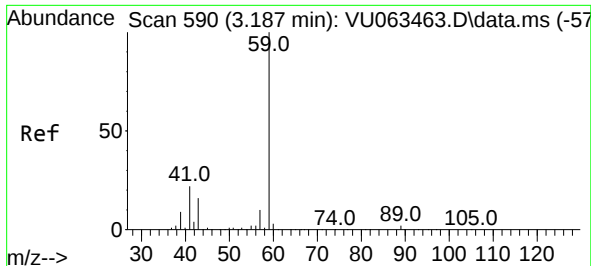
Tgt Ion:101 Resp: 3377
Ion Ratio Lower Upper
101 100
85 50.5 39.6 59.4
151 62.0 57.2 85.8



#10
Methyl Iodide
Concen: 2.614 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion:142 Resp: 3092
Ion Ratio Lower Upper
142 100
127 50.8 38.2 57.4
141 16.3 11.1 16.7

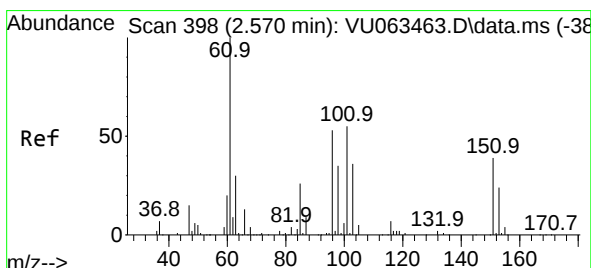
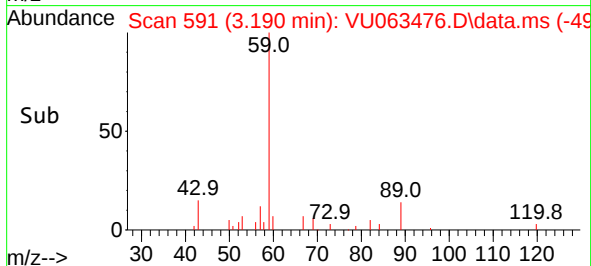
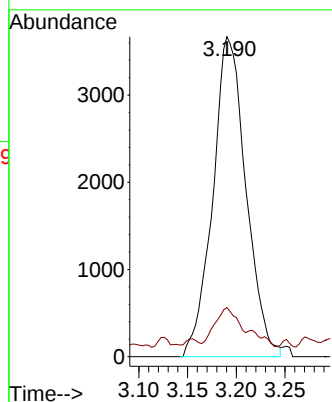
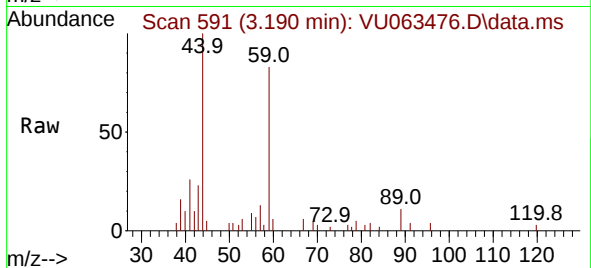




#11
Tert butyl alcohol
Concen: 18.376 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

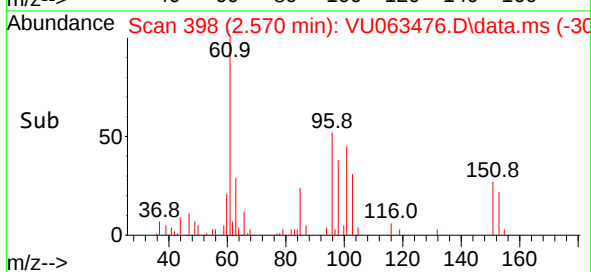
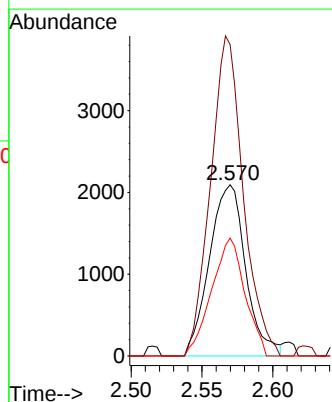
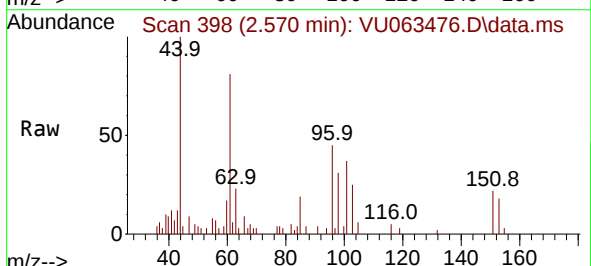
Instrument :
MSVOA_U
ClientSampleId :
MDL02

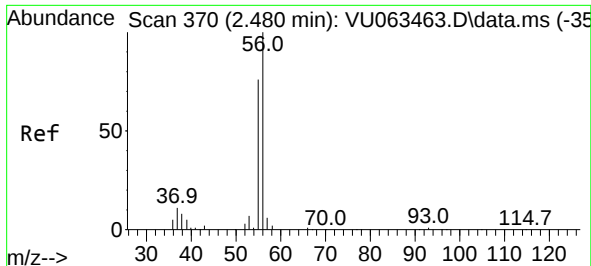
Tgt Ion: 59 Resp: 8686
Ion Ratio Lower Upper
59 100
57 7.5 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 3.543 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 96 Resp: 3735
Ion Ratio Lower Upper
96 100
61 181.9 149.6 224.4
98 68.9 52.0 78.0

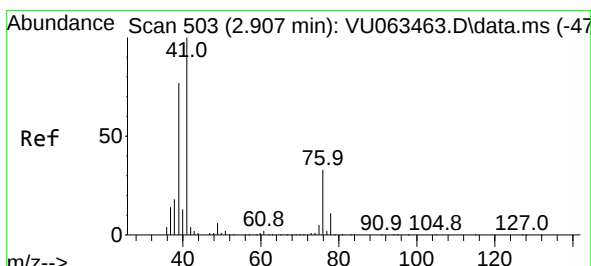
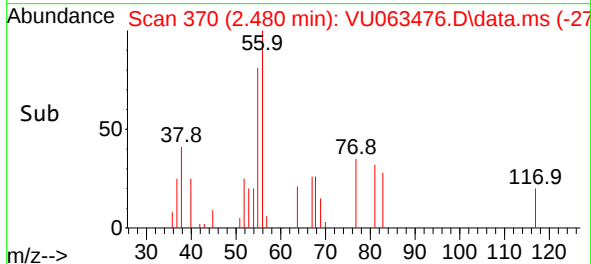
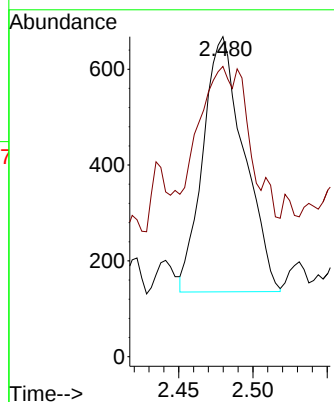
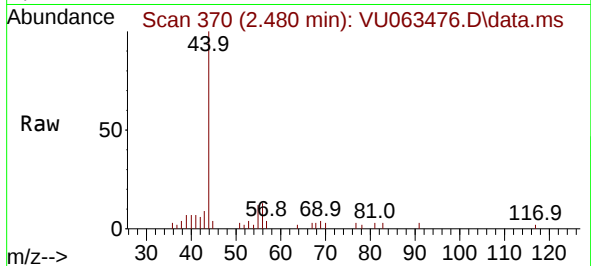




#13
Acrolein
Concen: 15.408 ug/l
RT: 2.480 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

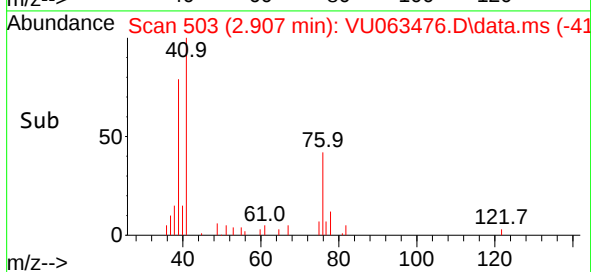
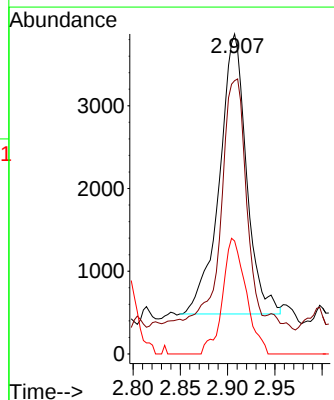
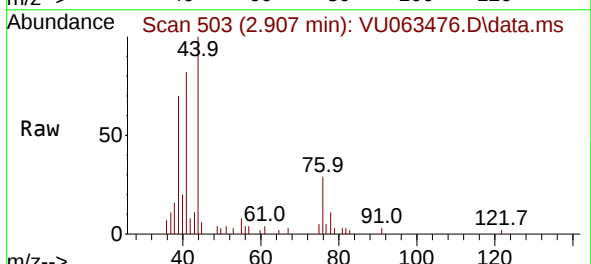
Instrument :
MSVOA_U
ClientSampleId :
MDL02

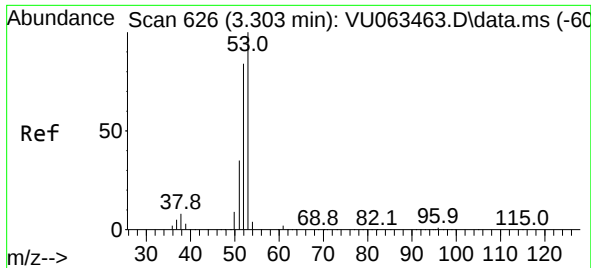
Tgt Ion: 56 Resp: 1028
Ion Ratio Lower Upper
56 100
55 103.3 60.2 90.2#



#14
Allyl chloride
Concen: 2.688 ug/l
RT: 2.907 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 41 Resp: 6744
Ion Ratio Lower Upper
41 100
39 80.8 53.9 80.9
76 35.7 23.1 34.7#

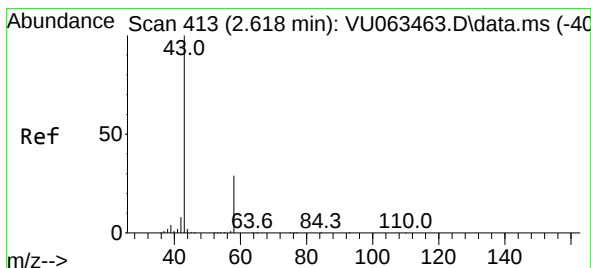
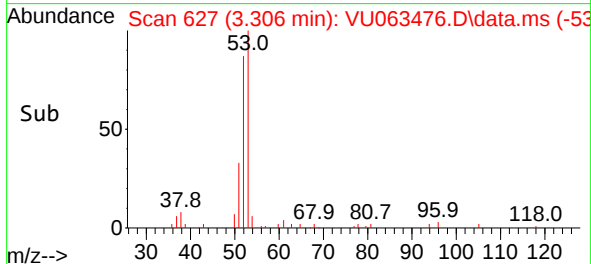
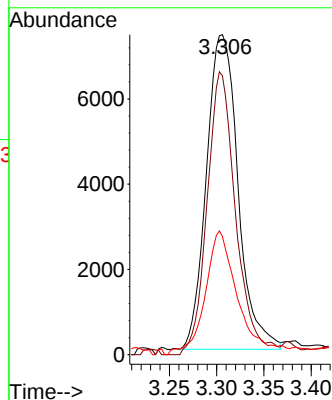
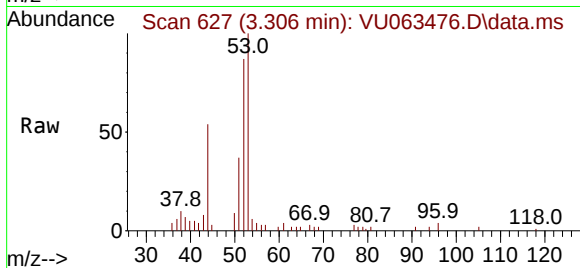




#15
Acrylonitrile
Concen: 16.989 ug/l
RT: 3.306 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

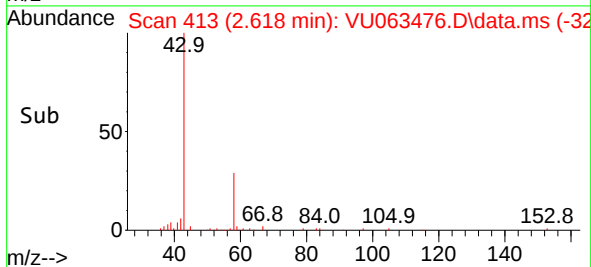
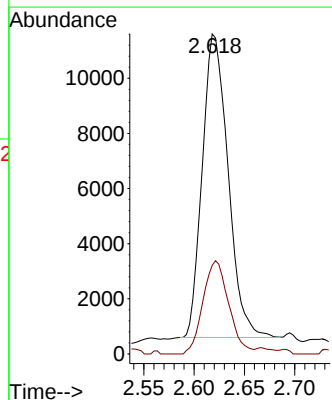
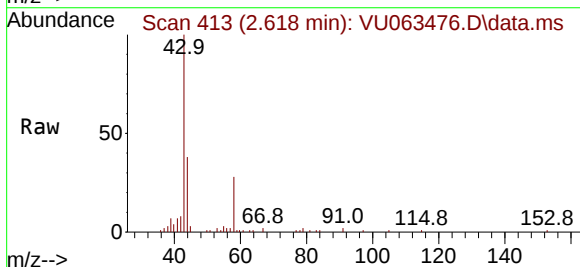
Instrument :
MSVOA_U
ClientSampleId :
MDL02

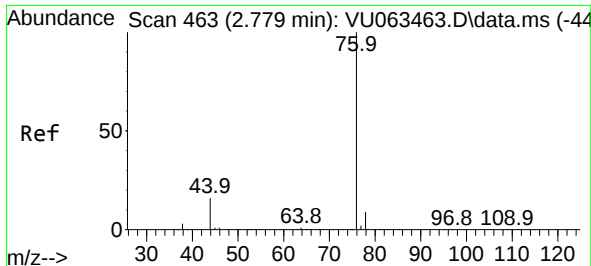
Tgt Ion:	53	Resp:	17201
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.0	97.4
51	40.3	28.8	43.2



#16
Acetone
Concen: 16.579 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion:	43	Resp:	19607
Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.1	34.7

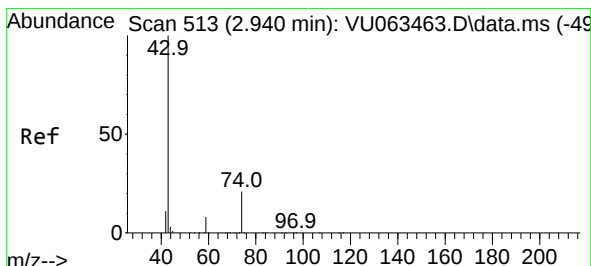
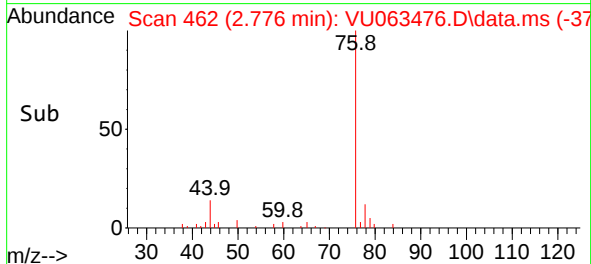
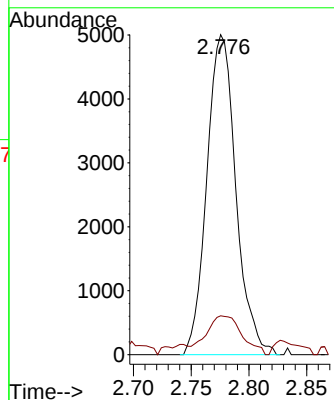
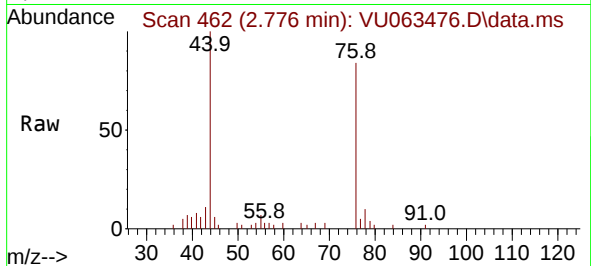




#17
Carbon Disulfide
Concen: 3.480 ug/l
RT: 2.776 min Scan# 463
Delta R.T. -0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

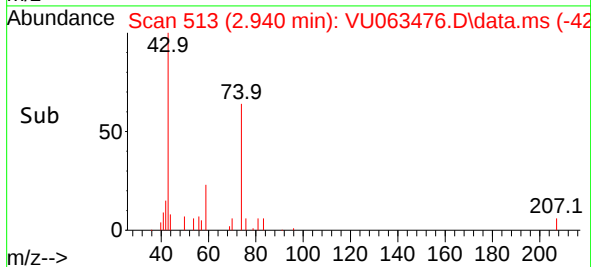
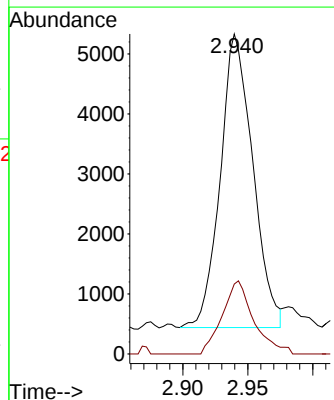
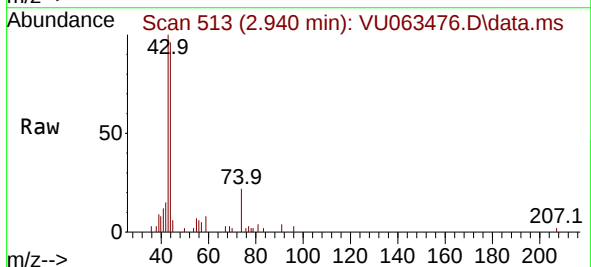
Instrument :
MSVOA_U
ClientSampleId :
MDL02

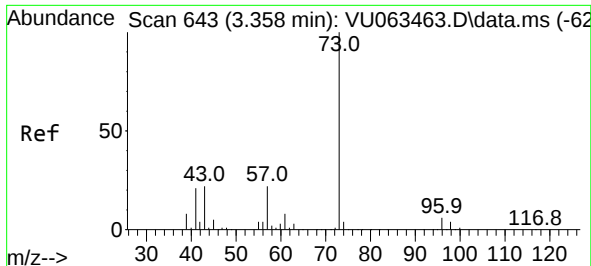
Tgt Ion: 76 Resp: 8770
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 2.797 ug/l
RT: 2.940 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 43 Resp: 8512
Ion Ratio Lower Upper
43 100
74 24.1 17.3 25.9

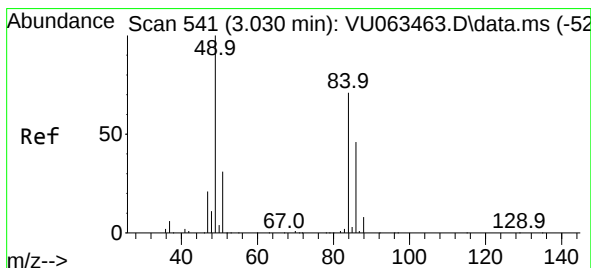
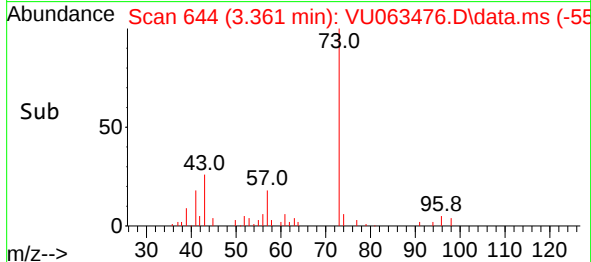
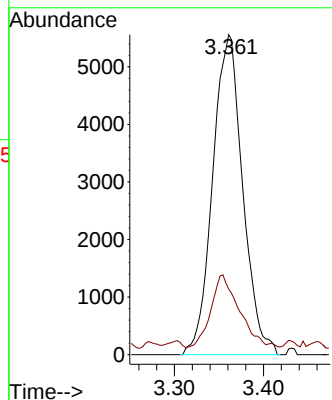
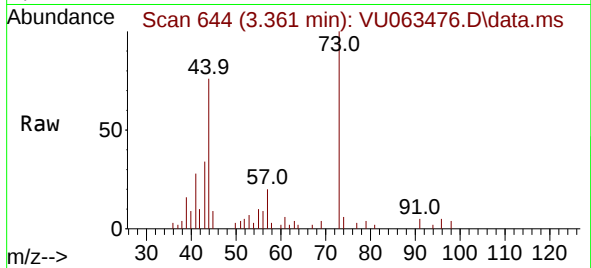




#19
Methyl tert-butyl Ether
Concen: 2.862 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

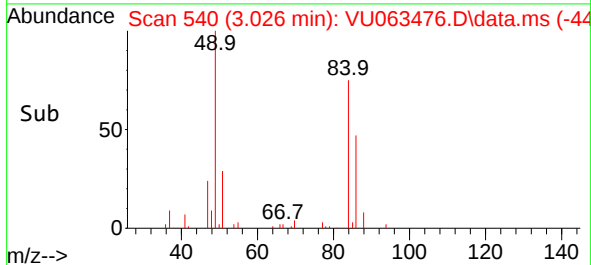
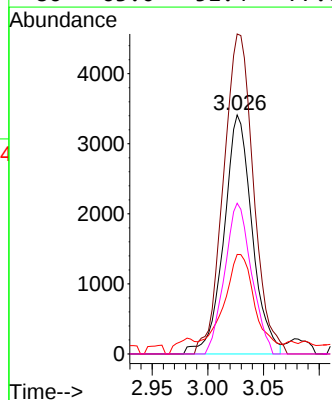
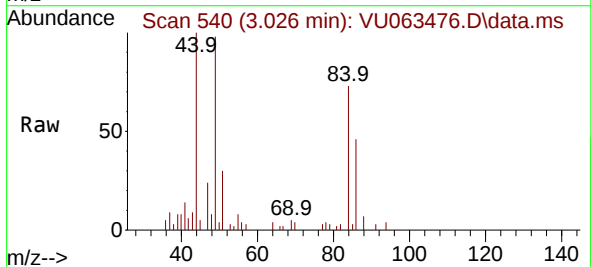
Instrument :
MSVOA_U
ClientSampleId :
MDL02

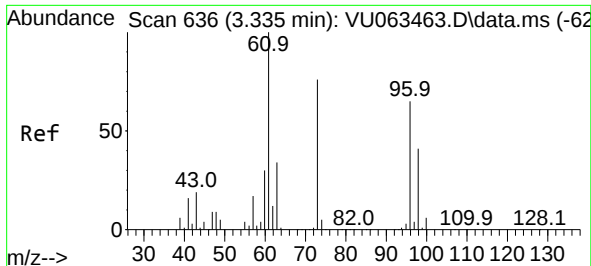
Tgt Ion: 73 Resp: 13012
Ion Ratio Lower Upper
73 100
57 18.1 17.8 26.6



#20
Methylene Chloride
Concen: 3.493 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.004 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 84 Resp: 6024
Ion Ratio Lower Upper
84 100
49 133.9 112.1 168.1
51 37.5 34.4 51.6
86 63.0 51.4 77.0

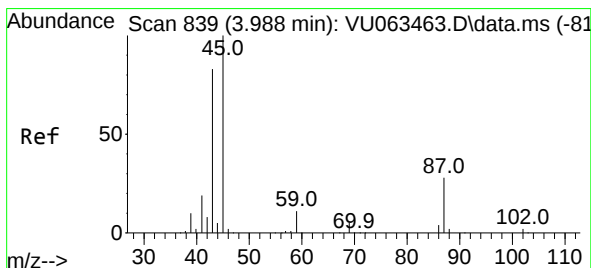
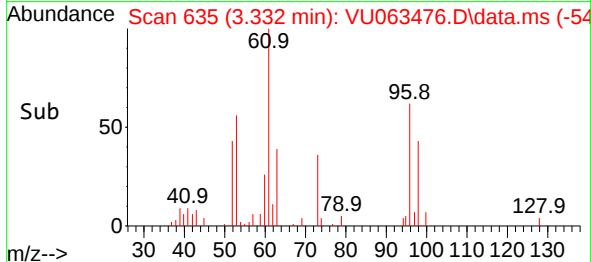
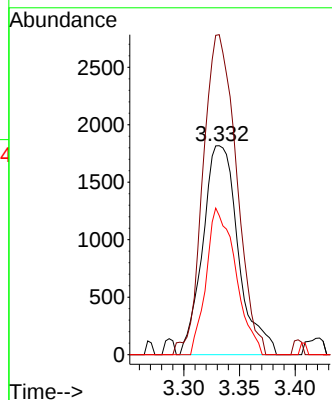
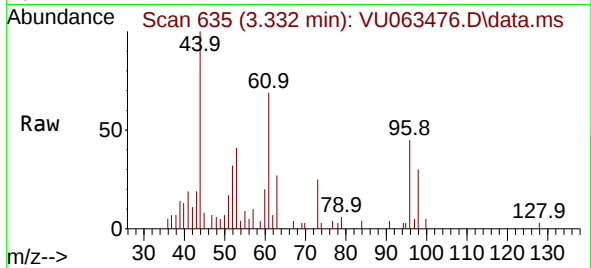




#21
trans-1,2-Dichloroethene
Concen: 3.552 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

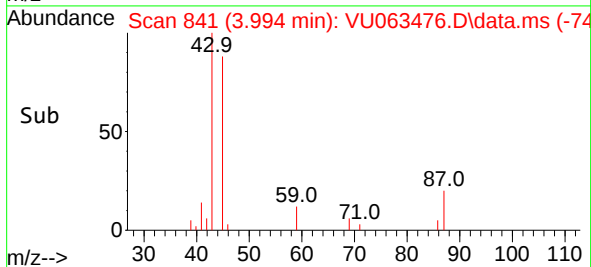
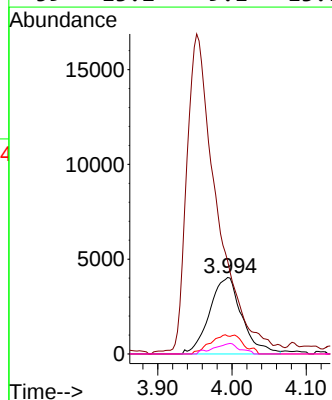
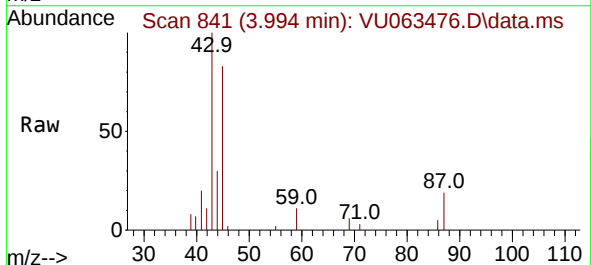
Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 96 Resp: 4023
Ion Ratio Lower Upper
96 100
61 153.1 122.2 183.4
98 66.6 49.9 74.9



#22
Diisopropyl ether
Concen: 2.861 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.006 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 45 Resp: 12223
Ion Ratio Lower Upper
45 100
43 109.6 66.5 99.7#
87 23.4 22.6 33.8
59 13.2 9.1 13.7

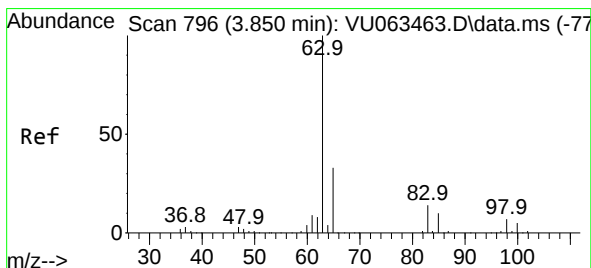
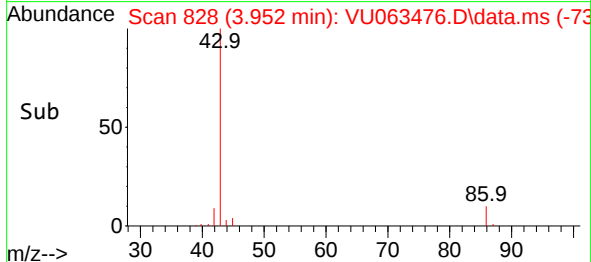
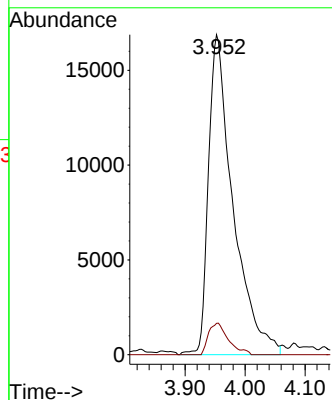
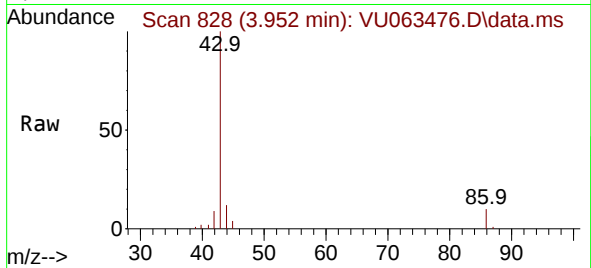




#23
 Vinyl Acetate
 Concen: 14.504 ug/l
 RT: 3.952 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VU063476.D
 Acq: 10 Jul 2025 13:23

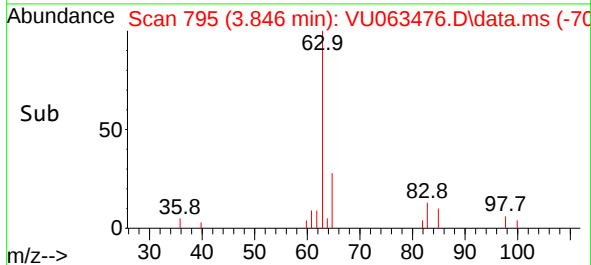
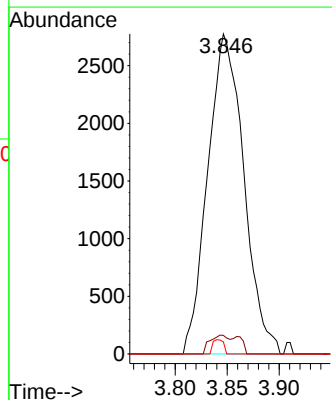
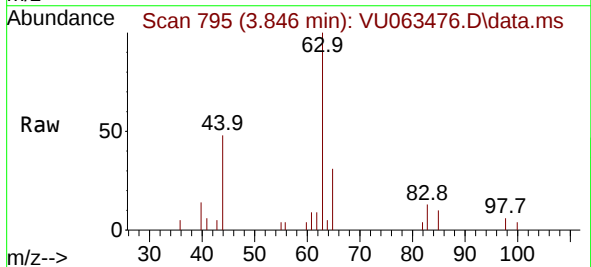
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

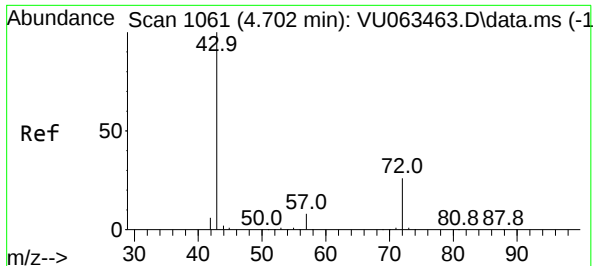
Tgt Ion: 43 Resp: 48086
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 2.759 ug/l
 RT: 3.846 min Scan# 795
 Delta R.T. -0.003 min
 Lab File: VU063476.D
 Acq: 10 Jul 2025 13:23

Tgt Ion: 63 Resp: 6691
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.6 10.9
 100 3.7 2.3 6.8





#25

2-Butanone

Concen: 14.304 ug/l

RT: 4.718 min Scan# 1066

Delta R.T. 0.016 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

Instrument :

MSVOA_U

ClientSampleId :

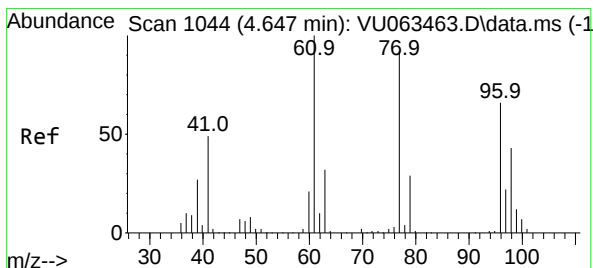
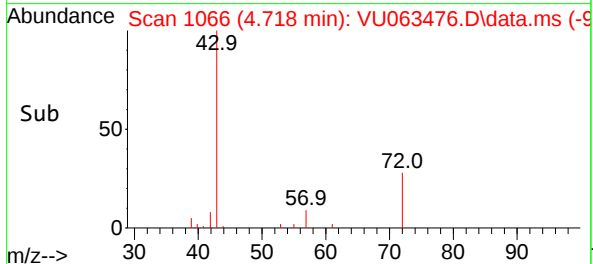
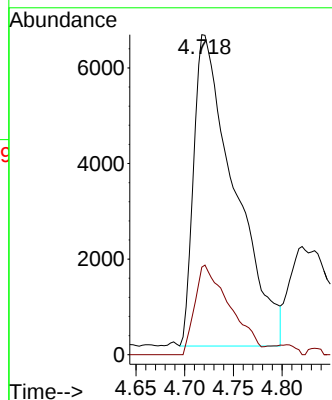
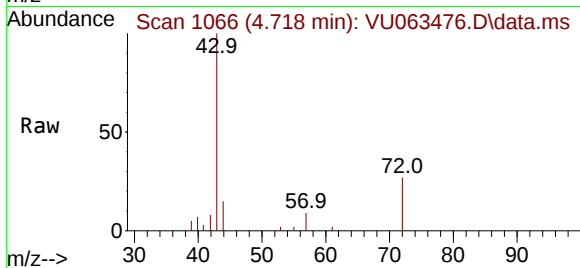
MDL02

Tgt Ion: 43 Resp: 18990

Ion Ratio Lower Upper

43 100

72 28.1 20.7 31.1



#26

2,2-Dichloropropane

Concen: 2.580 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.003 min

Lab File: VU063476.D

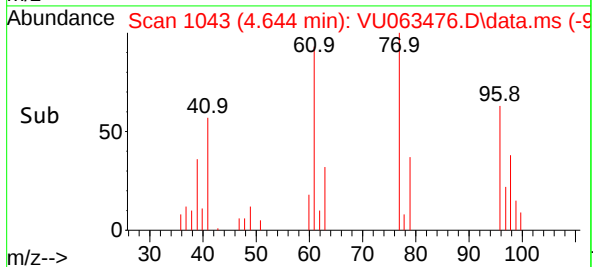
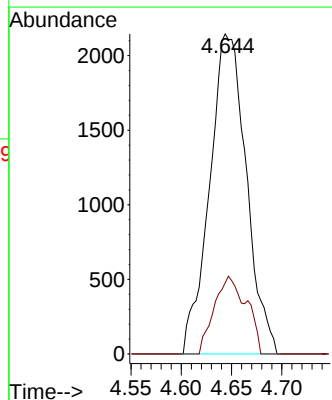
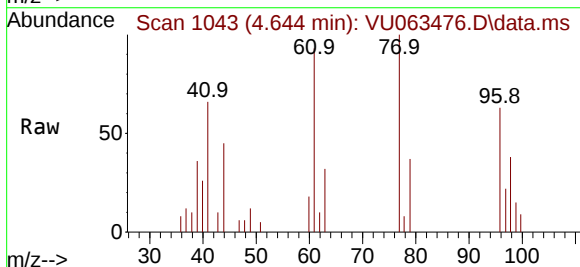
Acq: 10 Jul 2025 13:23

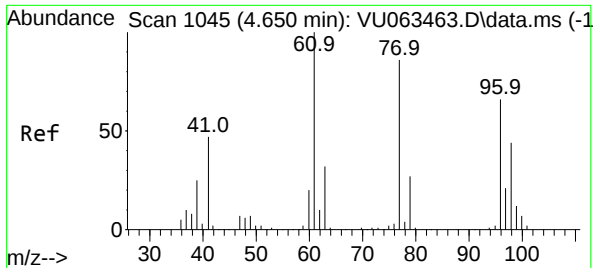
Tgt Ion: 77 Resp: 5443

Ion Ratio Lower Upper

77 100

97 21.3 11.8 35.3

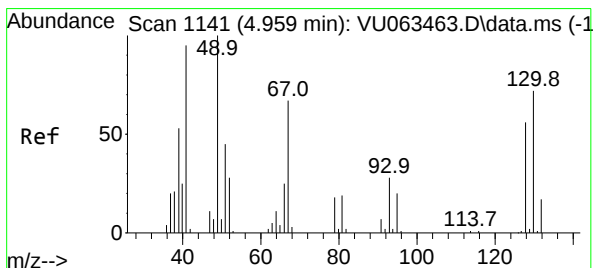
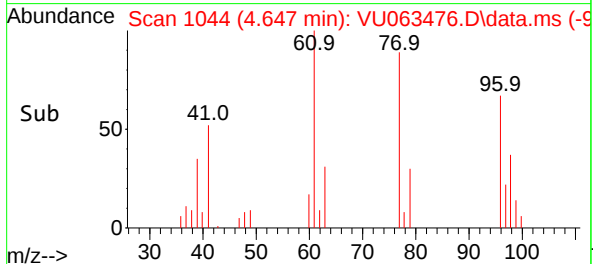
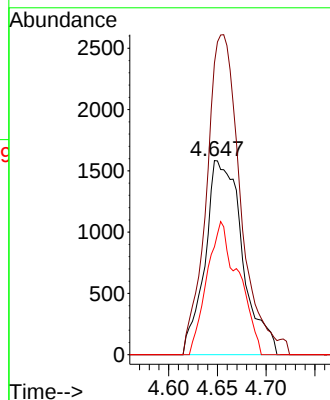
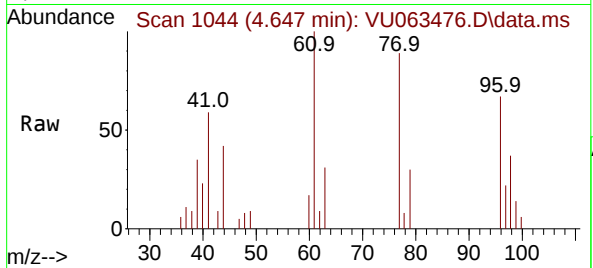




#27
 cis-1,2-Dichloroethene
 Concen: 2.827 ug/l
 RT: 4.647 min Scan# 1044
 Delta R.T. -0.003 min
 Lab File: VU063476.D
 Acq: 10 Jul 2025 13:23

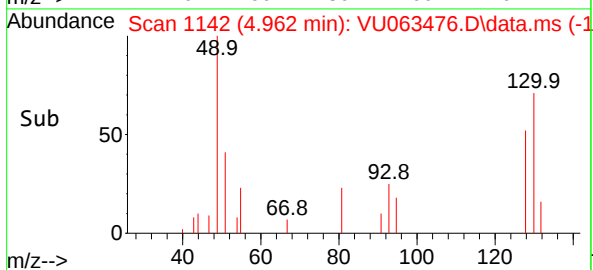
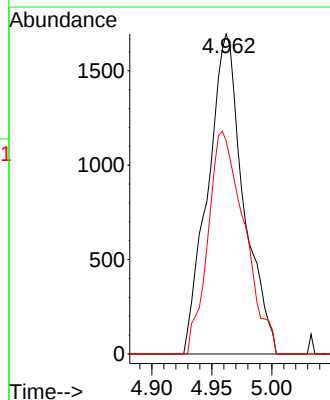
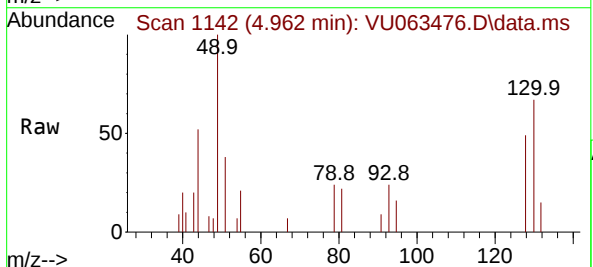
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

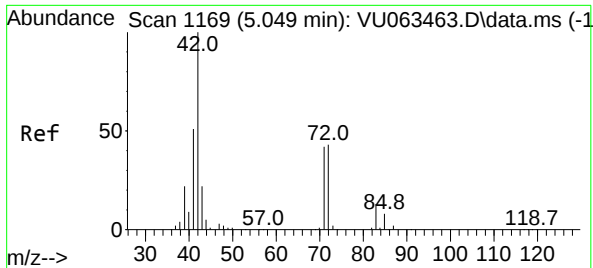
Tgt Ion: 96	Resp: 4226		
Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	307.2
98	58.2	0.0	133.0



#28
 Bromochloromethane
 Concen: 3.078 ug/l
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.003 min
 Lab File: VU063476.D
 Acq: 10 Jul 2025 13:23

Tgt Ion: 49	Resp: 3506		
Ion Ratio	Lower	Upper	
49 100			
129 0.0	0.0	3.8	
130 71.1	59.0	88.4	

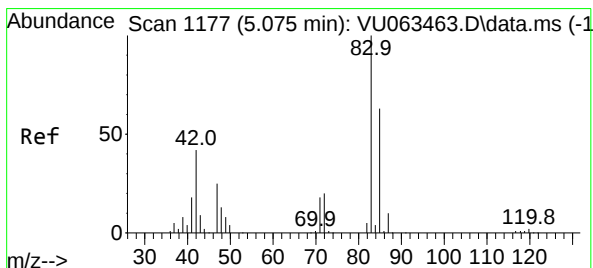
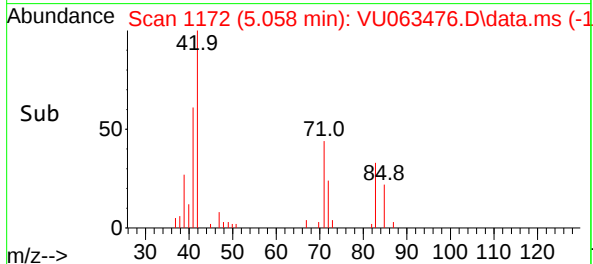
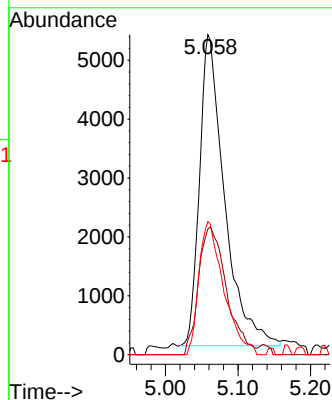
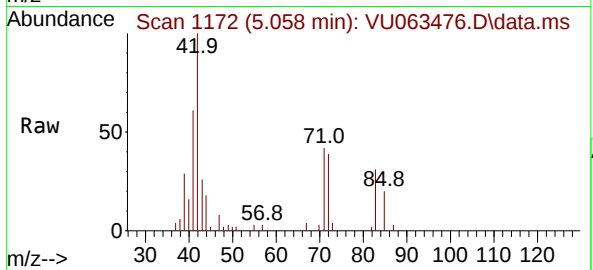




#29
Tetrahydrofuran
Concen: 15.109 ug/l
RT: 5.058 min Scan# 1172
Delta R.T. 0.009 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

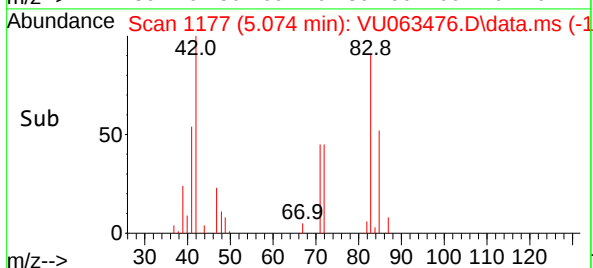
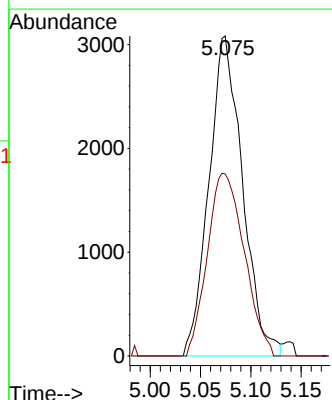
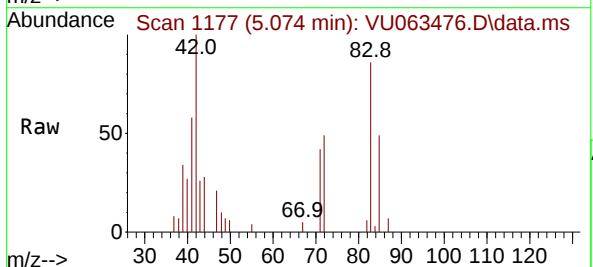
Instrument :
MSVOA_U
ClientSampleId :
MDL02

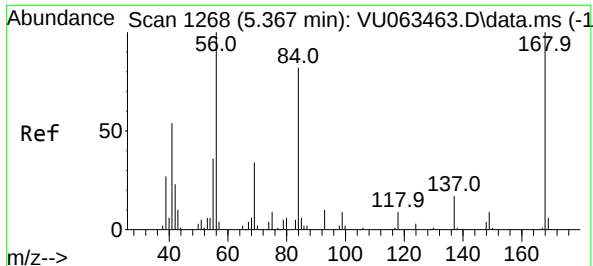
Tgt Ion:	42	Resp:	12653
Ion	Ratio	Lower	Upper
42	100		
72	45.9	36.2	54.4
71	42.4	33.3	49.9



#30
Chloroform
Concen: 2.799 ug/l
RT: 5.074 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion:	83	Resp:	7167
Ion	Ratio	Lower	Upper
83	100		
85	56.9	50.7	76.1

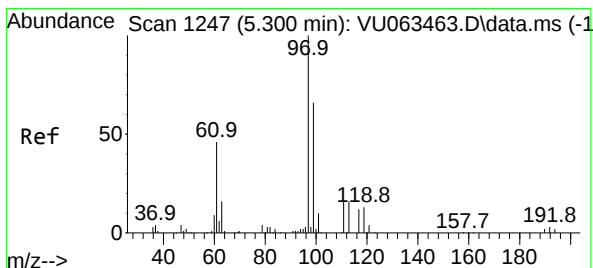
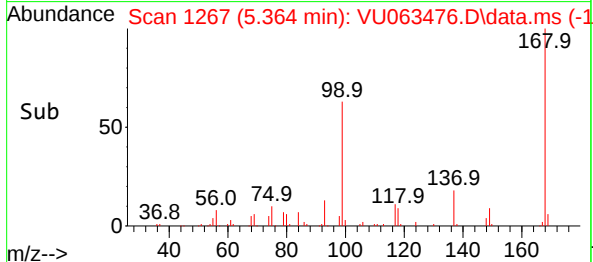
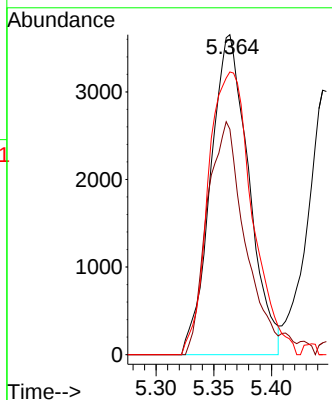
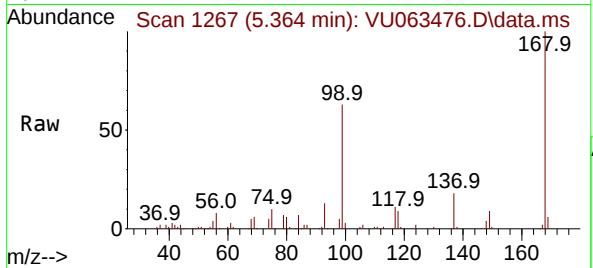




#31
Cyclohexane
Concen: 4.304 ug/l
RT: 5.364 min Scan# 1268
Delta R.T. -0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

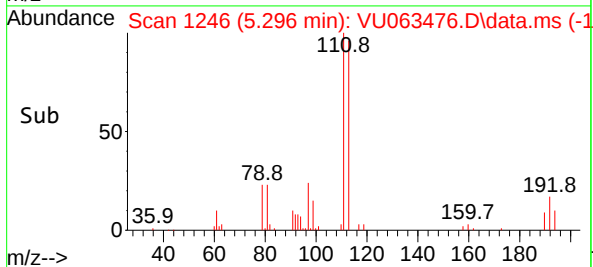
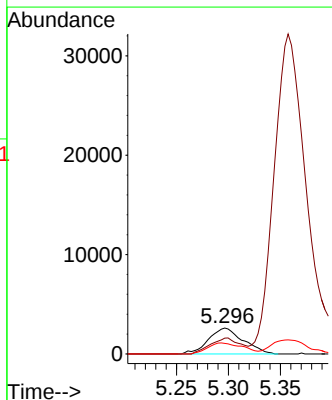
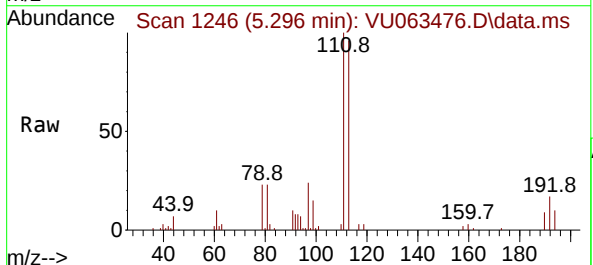
Instrument :
MSVOA_U
ClientSampleId :
MDL02

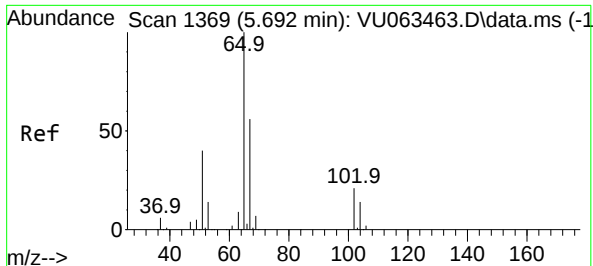
Tgt Ion: 56 Resp: 8391
Ion Ratio Lower Upper
56 100
69 70.5 27.0 40.4#
84 88.4 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 2.776 ug/l
RT: 5.296 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 97 Resp: 6051
Ion Ratio Lower Upper
97 100
99 53.3 50.4 75.6
61 43.1 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 53.374 ug/l

RT: 5.692 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

Instrument :

MSVOA_U

ClientSampleId :

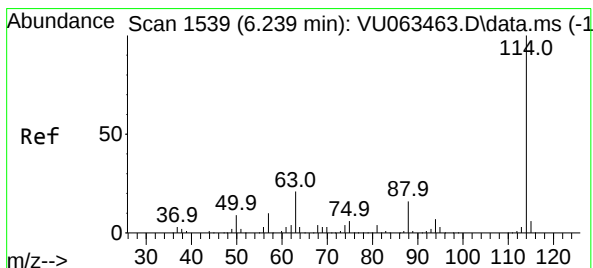
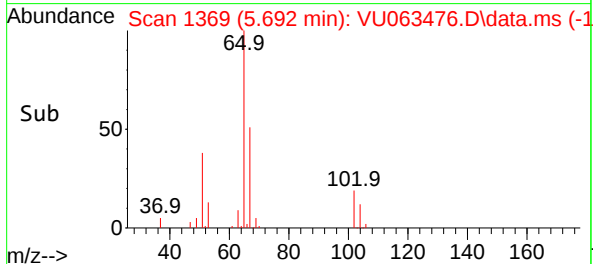
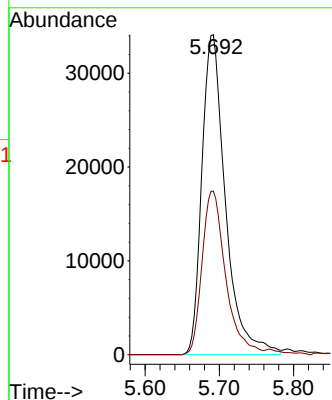
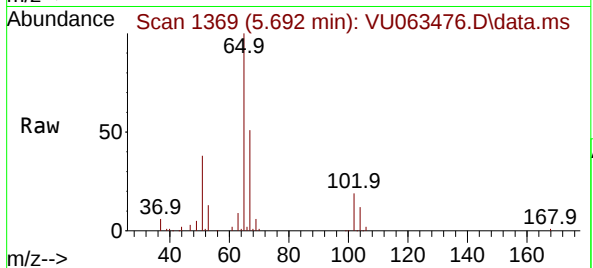
MDL02

Tgt Ion: 65 Resp: 75246

Ion Ratio Lower Upper

65 100

67 51.1 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

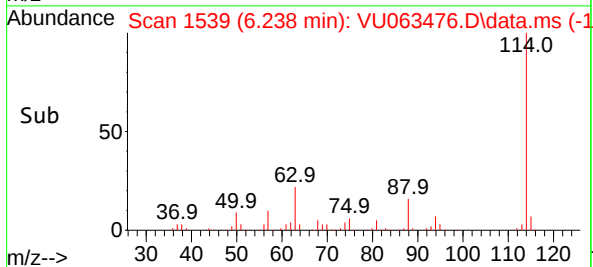
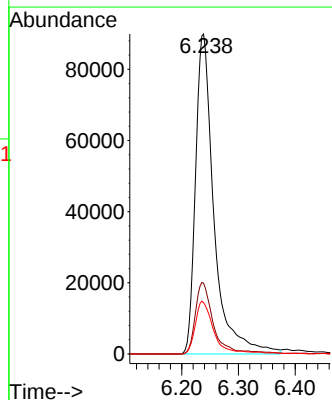
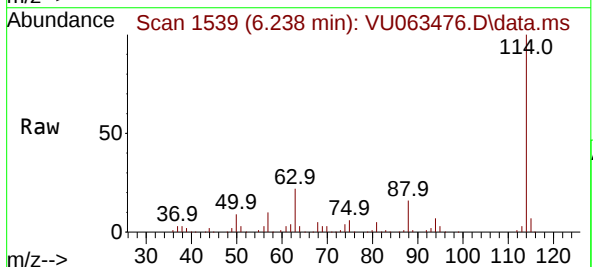
Tgt Ion: 114 Resp: 203495

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.6

88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.880 ug/l

RT: 5.277 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02

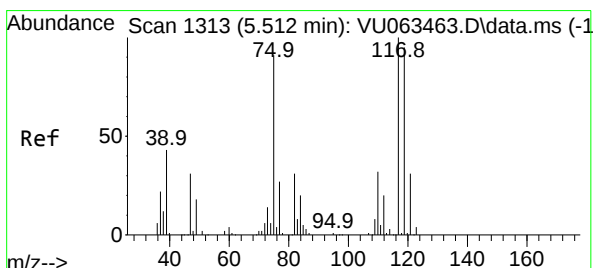
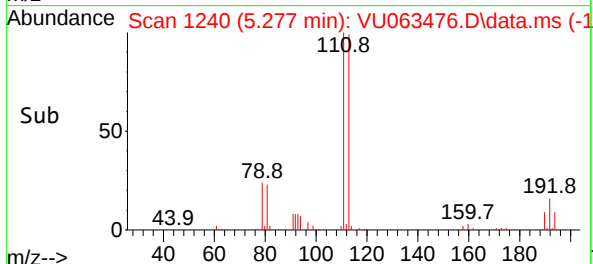
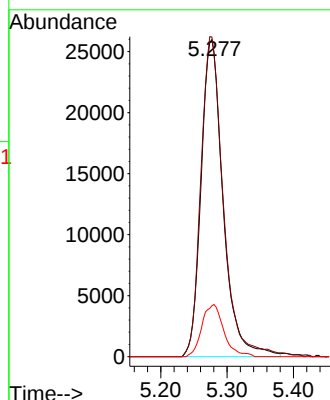
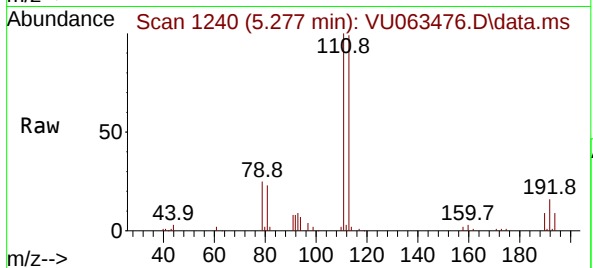
Tgt Ion:113 Resp: 59958

Ion Ratio Lower Upper

113 100

111 101.3 82.1 123.1

192 16.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 2.982 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

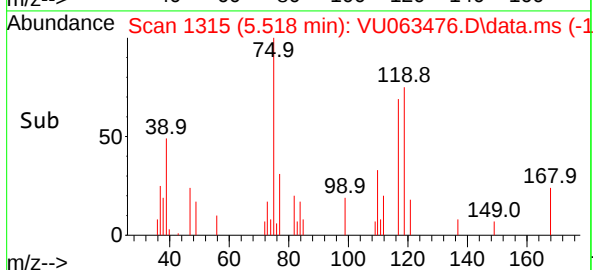
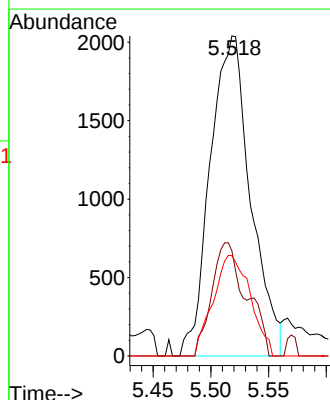
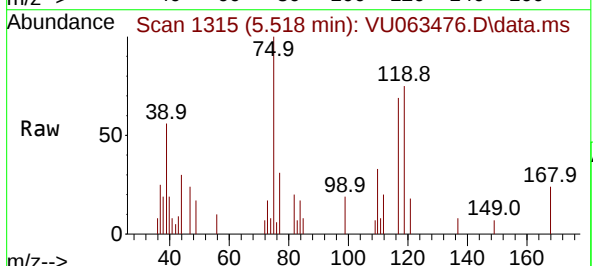
Tgt Ion: 75 Resp: 4971

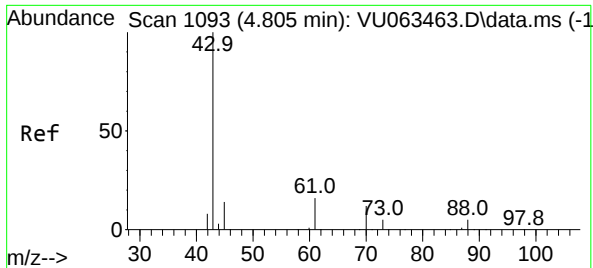
Ion Ratio Lower Upper

75 100

110 30.3 17.3 52.0

77 28.9 23.9 35.9

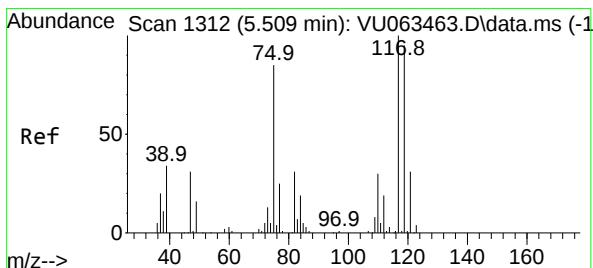
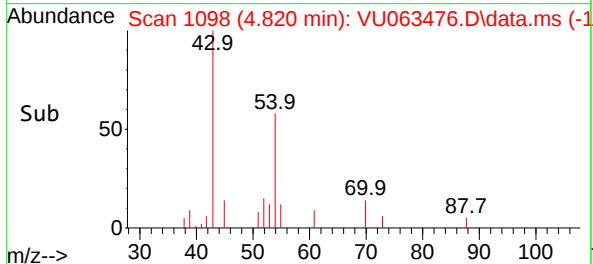
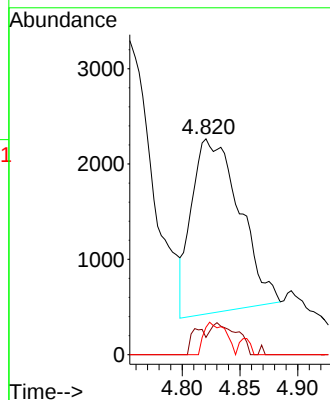
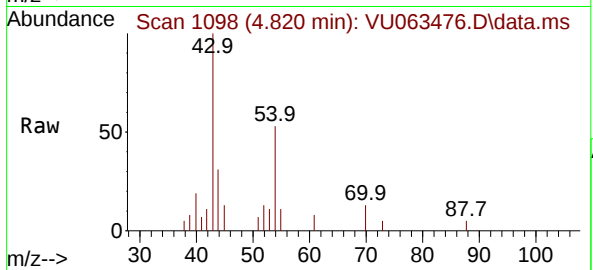




#37
Ethyl Acetate
Concen: 1.955 ug/l
RT: 4.820 min Scan# 1098
Delta R.T. 0.016 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

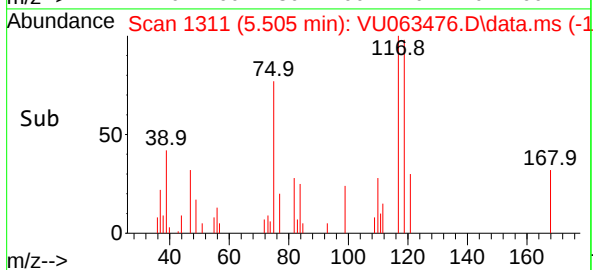
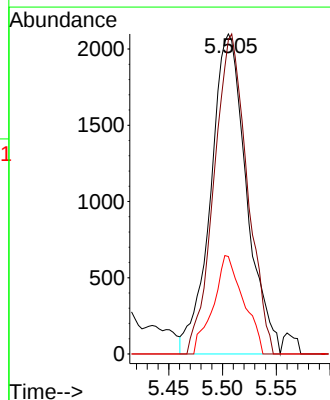
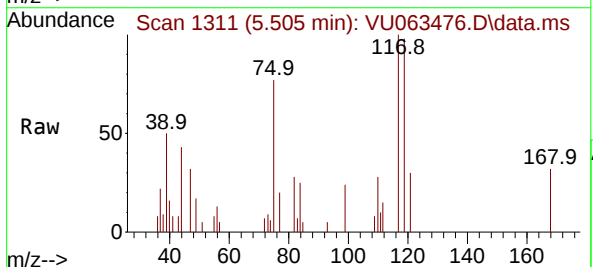
Instrument :
MSVOA_U
ClientSampleId :
MDL02

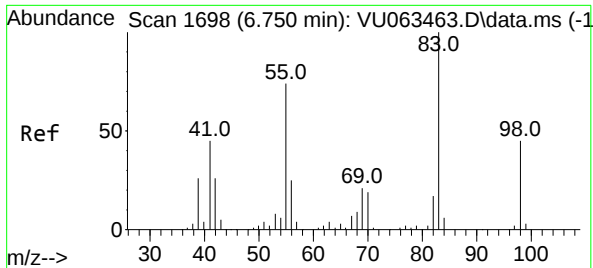
Tgt Ion: 43 Resp: 5278
Ion Ratio Lower Upper
43 100
61 10.2 10.4 15.6#
70 8.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 2.649 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 117 Resp: 4865
Ion Ratio Lower Upper
117 100
119 98.1 76.1 114.1
121 30.4 25.0 37.4





#39

Methylcyclohexane

Concen: 3.010 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02

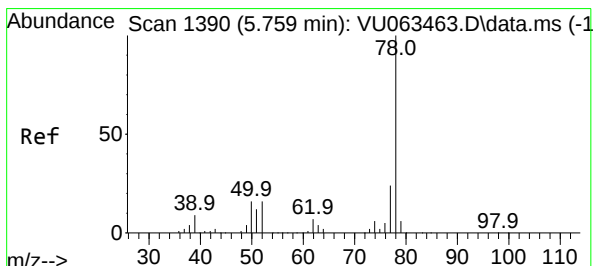
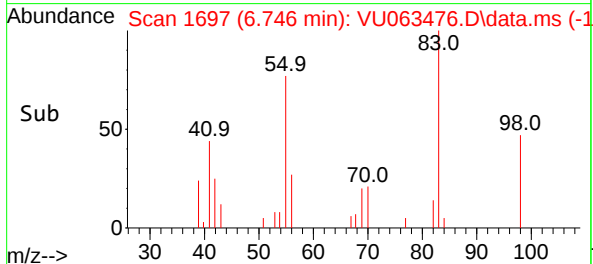
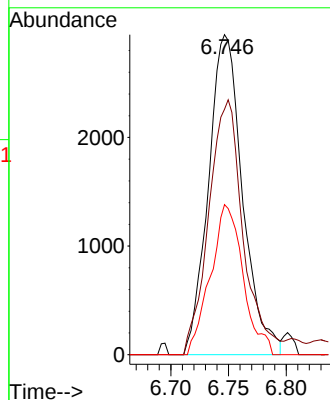
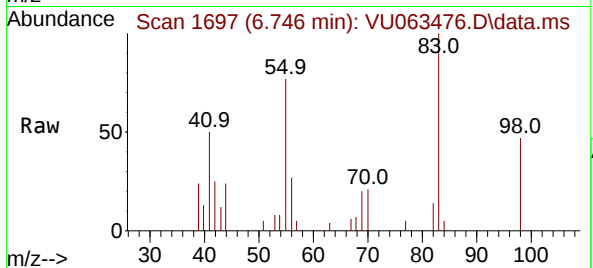
Tgt Ion: 83 Resp: 6061

Ion Ratio Lower Upper

83 100

55 76.7 59.4 89.2

98 46.9 36.2 54.4



#40

Benzene

Concen: 2.756 ug/l

RT: 5.766 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VU063476.D

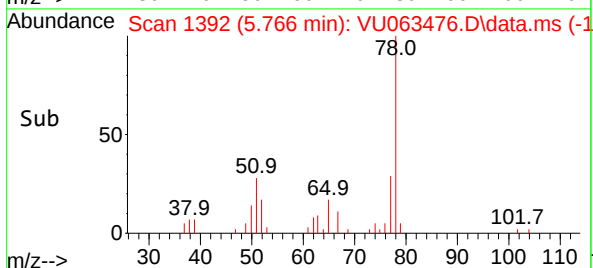
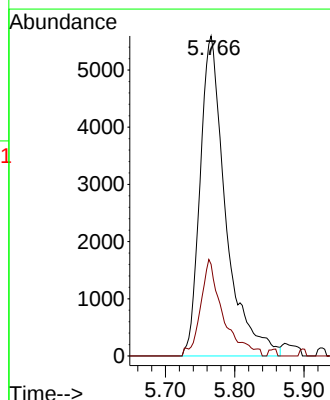
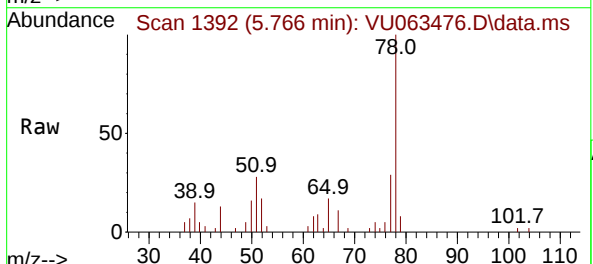
Acq: 10 Jul 2025 13:23

Tgt Ion: 78 Resp: 14347

Ion Ratio Lower Upper

78 100

77 28.7 19.0 28.4#

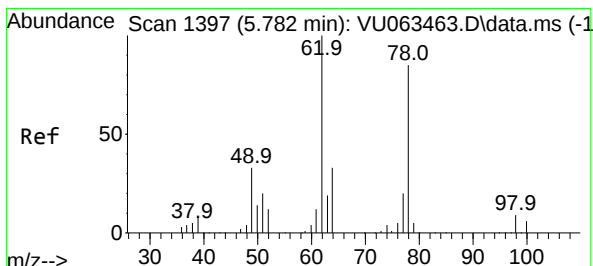
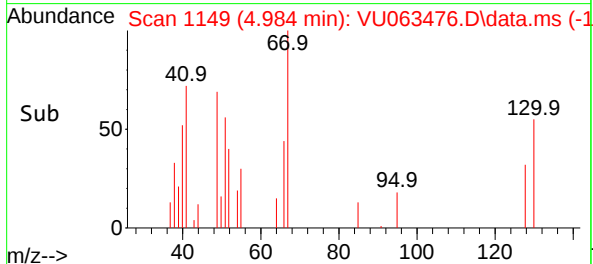
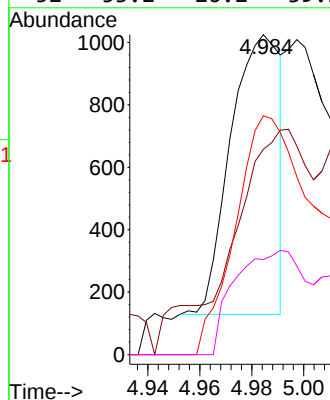
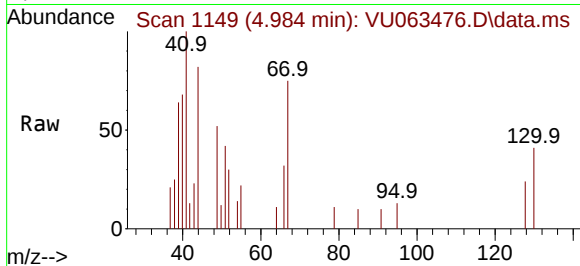




#41
Methacrylonitrile
Concen: 0.928 ug/l
RT: 4.984 min Scan# 1149
Delta R.T. 0.019 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

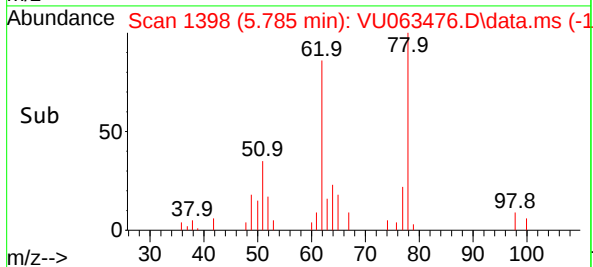
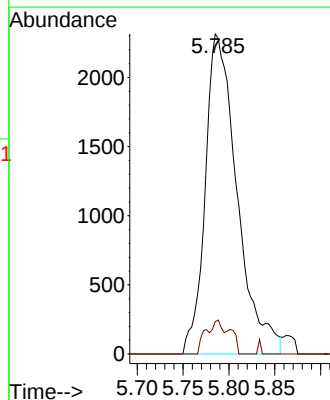
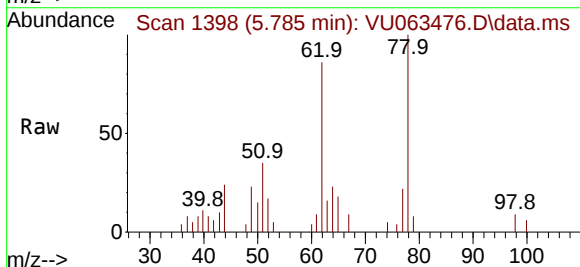
Instrument :
MSVOA_U
ClientSampleId :
MDL02

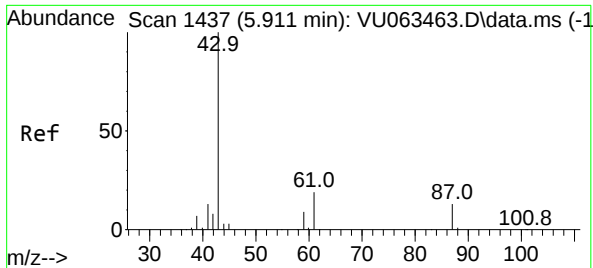
Tgt Ion: 41	Resp: 1182
Ion Ratio	Lower Upper
41 100	
39 127.3	43.6 65.4#
67 135.4	62.8 94.2#
52 53.2	26.2 39.2#



#42
1,2-Dichloroethane
Concen: 2.853 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 62	Resp: 5584
Ion Ratio	Lower Upper
62 100	
98 5.6	0.0 17.6





#43

Isopropyl Acetate

Concen: 2.387 ug/l

RT: 5.920 min Scan# 1437

Delta R.T. 0.010 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02

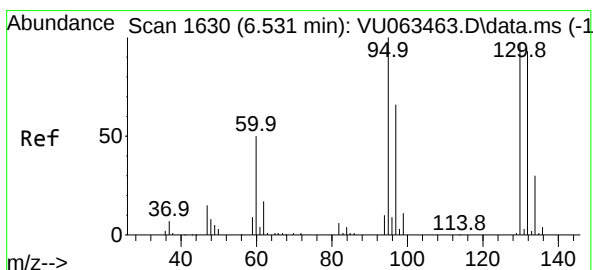
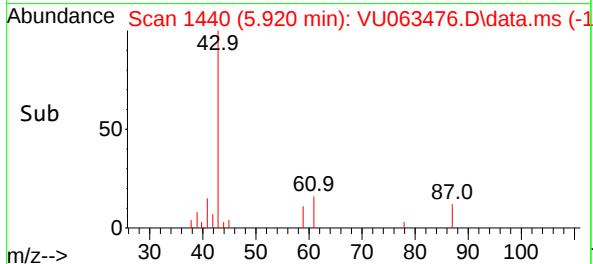
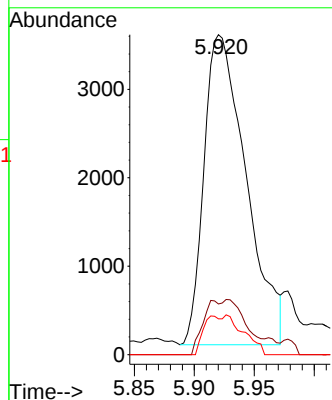
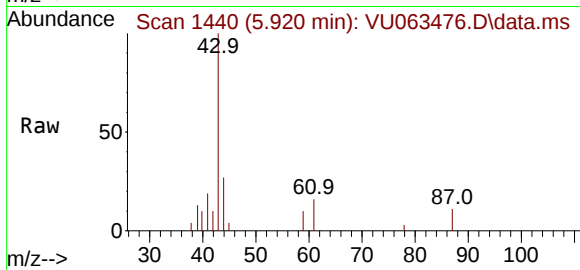
Tgt Ion: 43 Resp: 8558

Ion Ratio Lower Upper

43 100

61 6.9 15.4 23.2#

87 4.7 10.5 15.7#



#44

Trichloroethene

Concen: 2.518 ug/l

RT: 6.534 min Scan# 1631

Delta R.T. 0.003 min

Lab File: VU063476.D

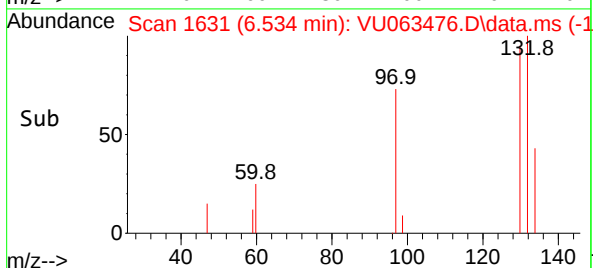
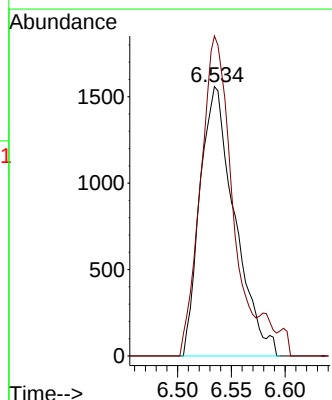
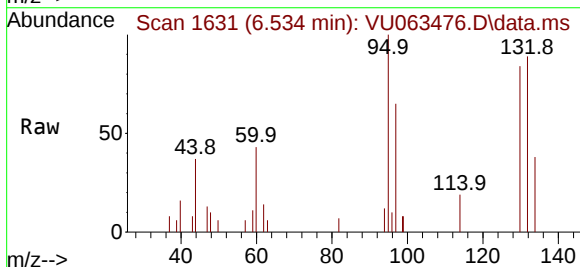
Acq: 10 Jul 2025 13:23

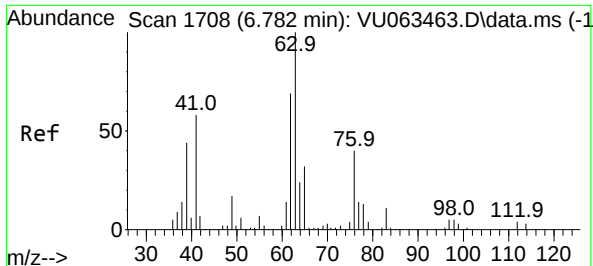
Tgt Ion:130 Resp: 3508

Ion Ratio Lower Upper

130 100

95 118.8 0.0 206.4





#45

1,2-Dichloropropane

Concen: 2.666 ug/l

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

Instrument :

MSVOA_U

ClientSampleId :

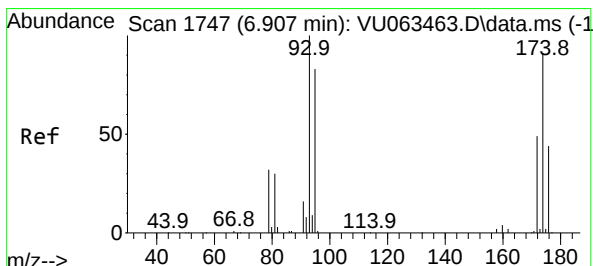
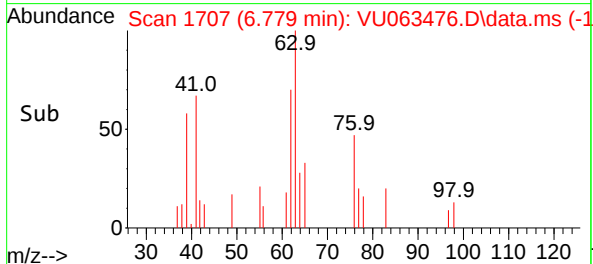
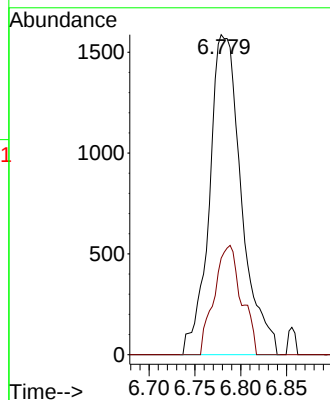
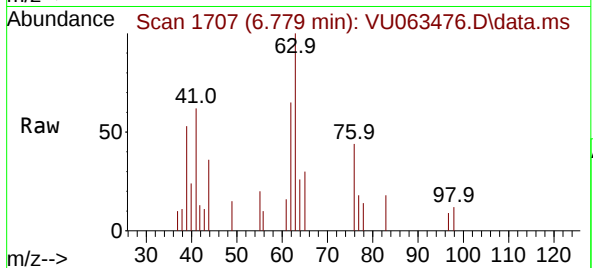
MDL02

Tgt Ion: 63 Resp: 3858

Ion Ratio Lower Upper

63 100

65 30.1 25.3 37.9



#46

Dibromomethane

Concen: 2.803 ug/l

RT: 6.910 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

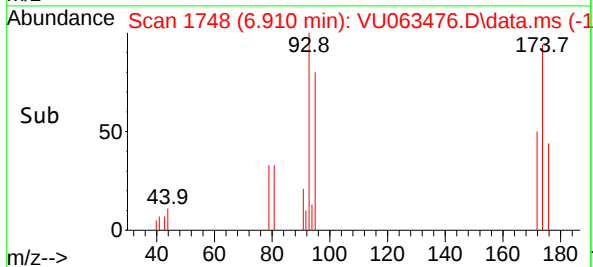
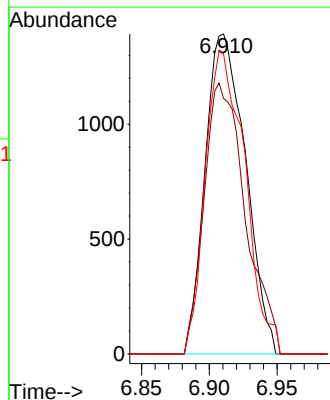
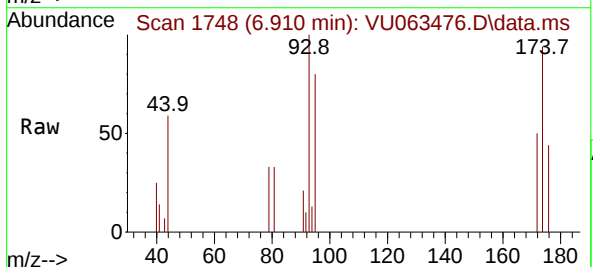
Tgt Ion: 93 Resp: 2886

Ion Ratio Lower Upper

93 100

95 86.7 67.5 101.3

174 92.9 73.1 109.7





#47

Bromodichloromethane

Concen: 2.495 ug/l

RT: 7.097 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02

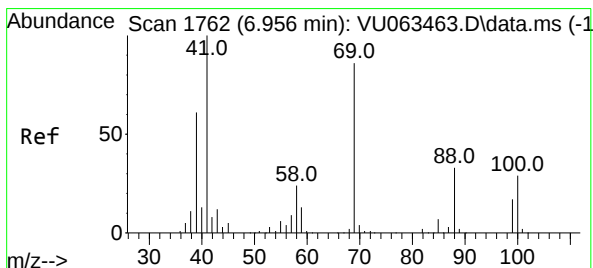
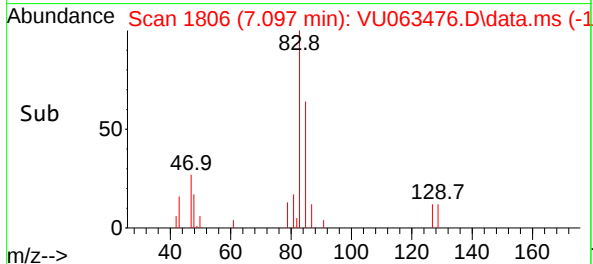
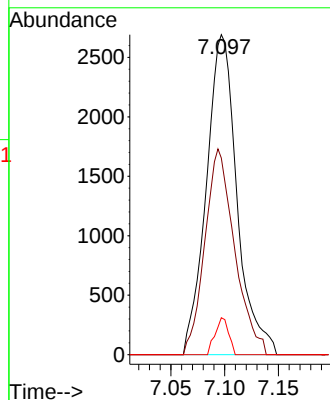
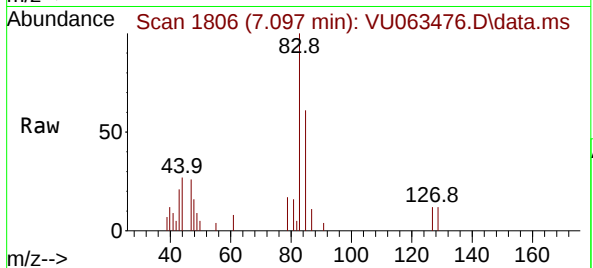
Tgt Ion: 83 Resp: 5342

Ion Ratio Lower Upper

83 100

85 61.5 51.4 77.0

127 11.6 7.0 10.4#



#48

Methyl methacrylate

Concen: 2.521 ug/l

RT: 6.968 min Scan# 1766

Delta R.T. 0.013 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

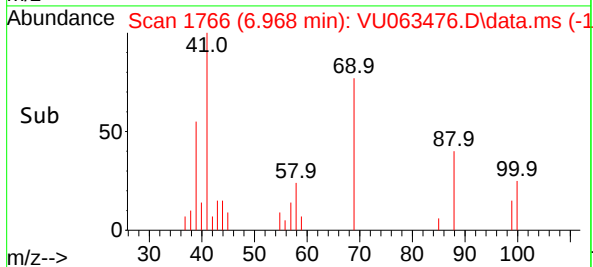
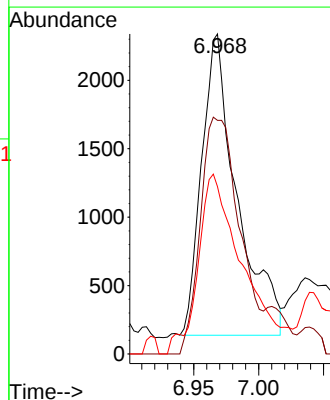
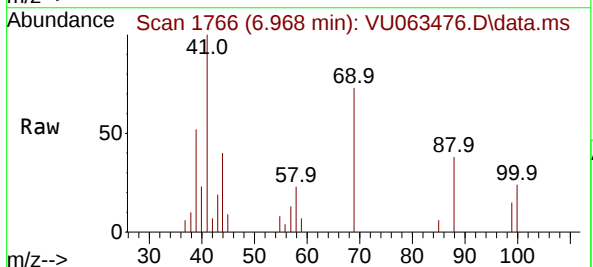
Tgt Ion: 41 Resp: 4177

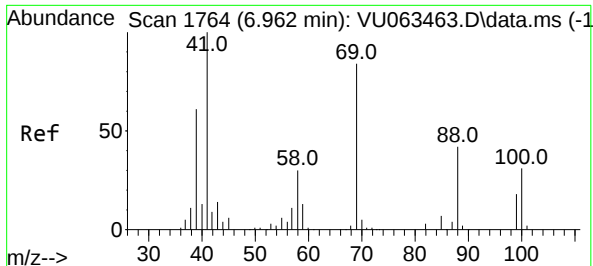
Ion Ratio Lower Upper

41 100

69 87.3 69.8 104.8

39 75.9 48.3 72.5#





#49

1,4-Dioxane

Concen: 55.166 ug/l

RT: 6.978 min Scan# 1

Delta R.T. 0.016 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02

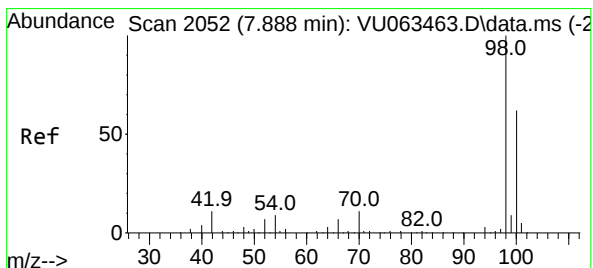
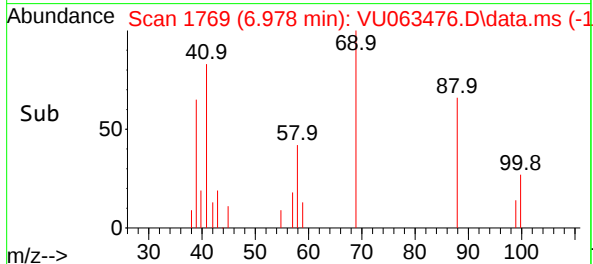
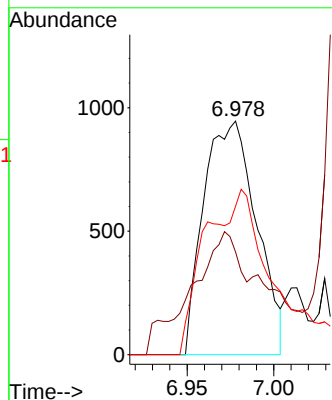
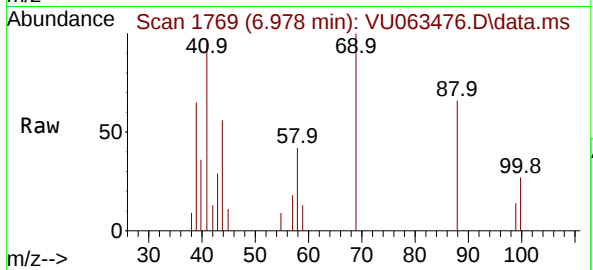
Tgt Ion: 88 Resp: 2006

Ion Ratio Lower Upper

88 100

43 73.5 25.6 38.4#

58 52.9 55.0 82.6#



#50

Toluene-d8

Concen: 47.019 ug/l

RT: 7.885 min Scan# 2051

Delta R.T. -0.003 min

Lab File: VU063476.D

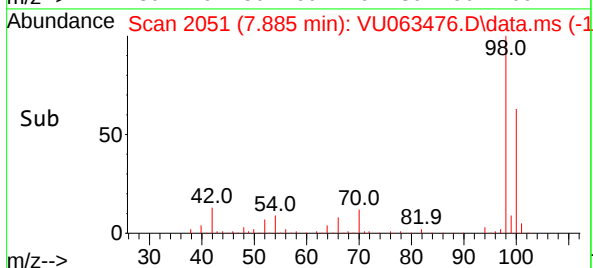
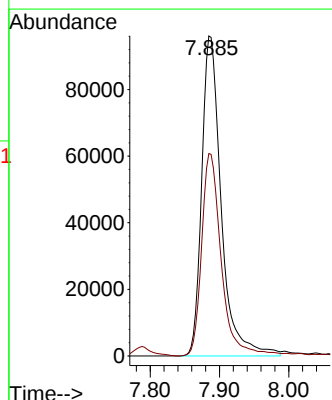
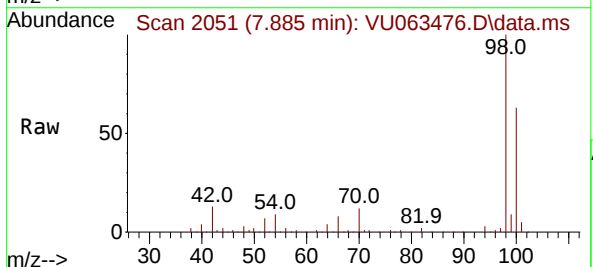
Acq: 10 Jul 2025 13:23

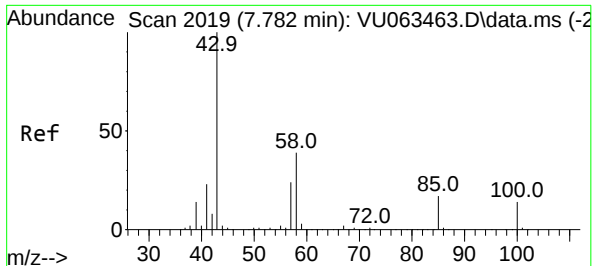
Tgt Ion: 98 Resp: 188002

Ion Ratio Lower Upper

98 100

100 63.6 48.1 72.1

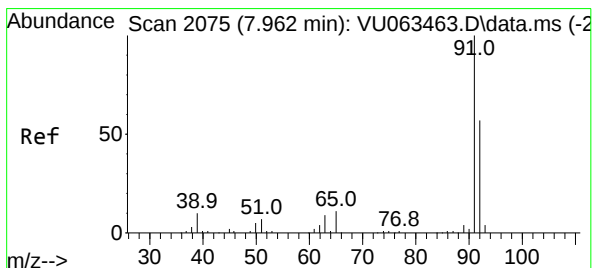
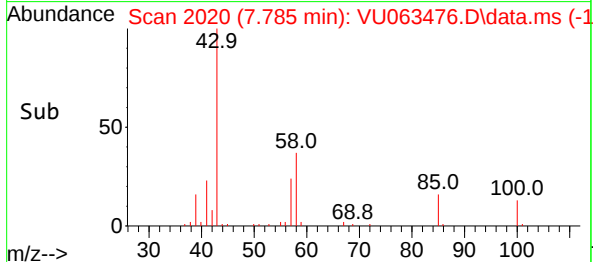
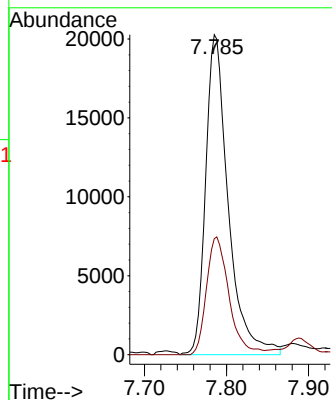
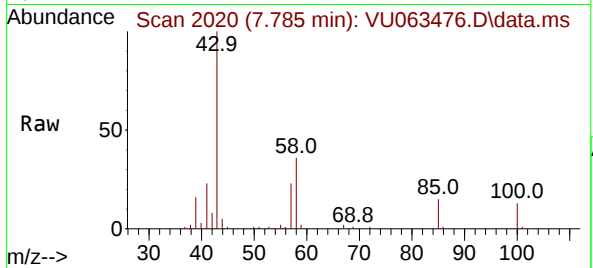




#51
4-Methyl-2-Pentanone
Concen: 14.960 ug/l
RT: 7.785 min Scan# 2019
Delta R.T. 0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

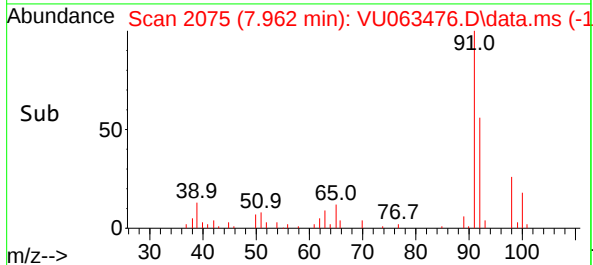
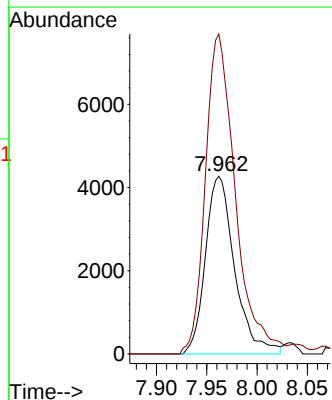
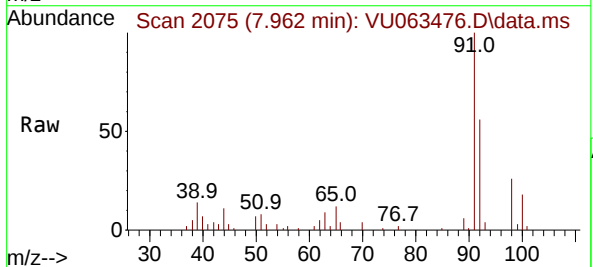
Instrument :
MSVOA_U
ClientSampleId :
MDL02

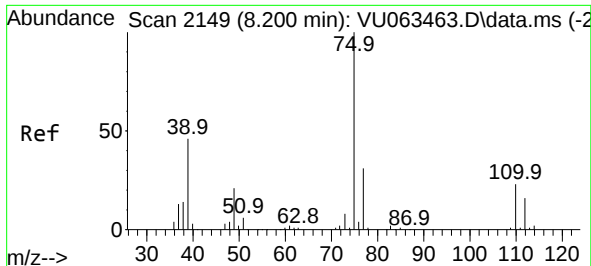
Tgt Ion: 43 Resp: 38823
Ion Ratio Lower Upper
43 100
58 36.6 31.0 46.4



#52
Toluene
Concen: 2.539 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 92 Resp: 8643
Ion Ratio Lower Upper
92 100
91 184.8 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 2.072 ug/l

RT: 8.209 min Scan# 2149

Delta R.T. 0.010 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

Instrument :

MSVOA_U

ClientSampleId :

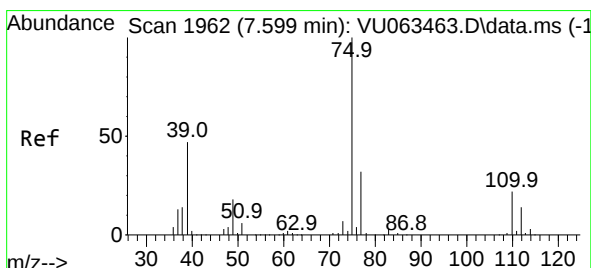
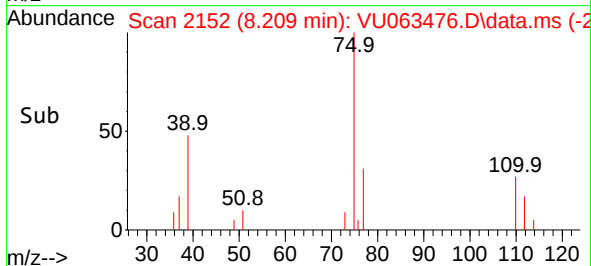
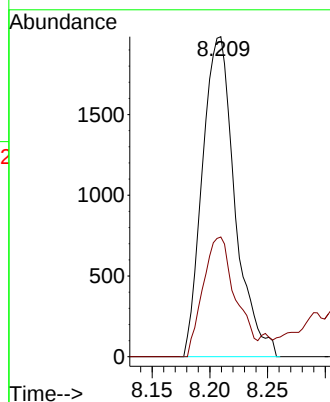
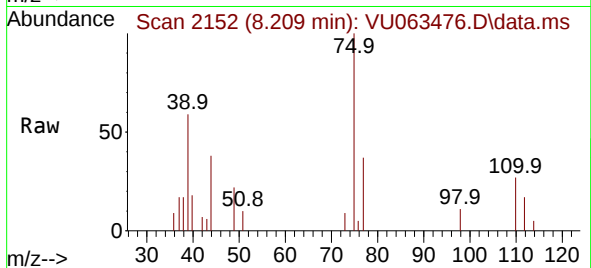
MDL02

Tgt Ion: 75 Resp: 3882

Ion Ratio Lower Upper

75 100

77 37.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 2.272 ug/l

RT: 7.602 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

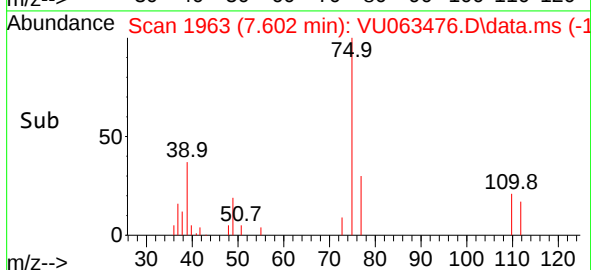
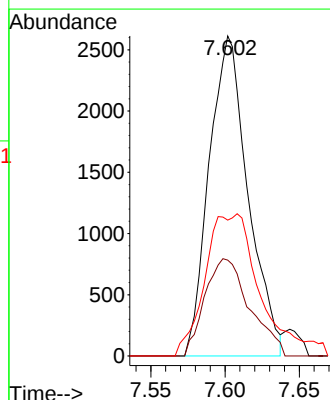
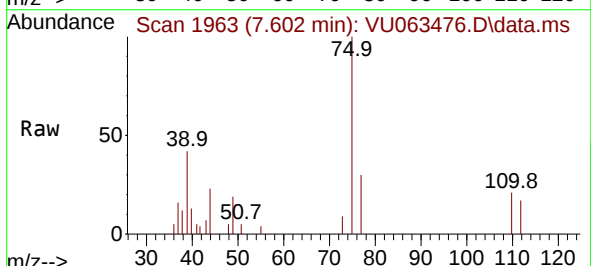
Tgt Ion: 75 Resp: 4764

Ion Ratio Lower Upper

75 100

77 30.0 25.4 38.0

39 38.5 37.2 55.8

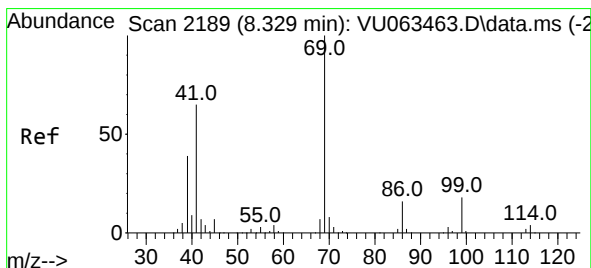
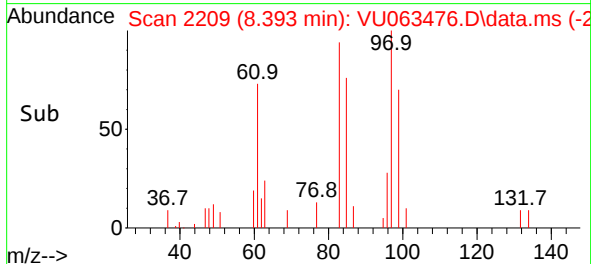
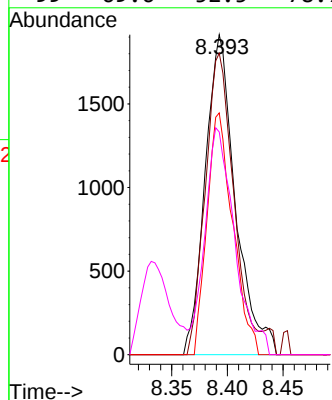
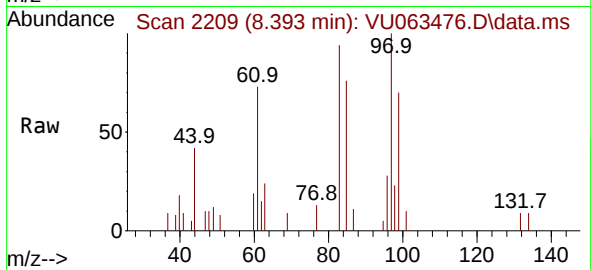




#55
1,1,2-Trichloroethane
Concen: 2.500 ug/l
RT: 8.393 min Scan# 2190
Delta R.T. 0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

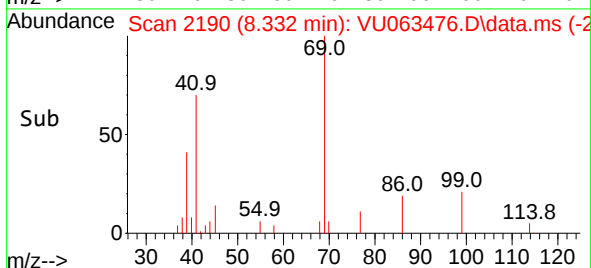
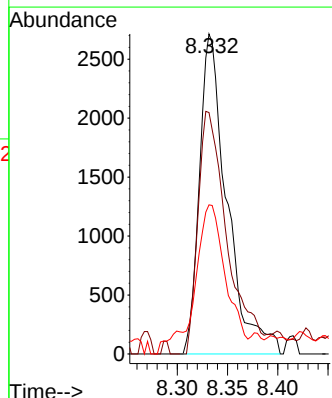
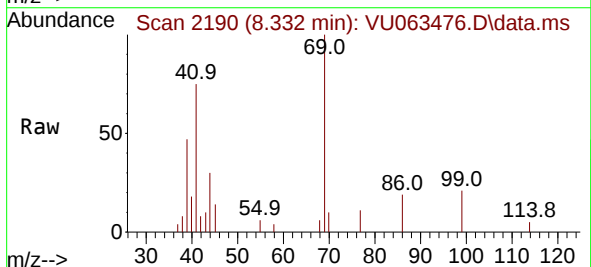
Instrument :
MSVOA_U
ClientSampleId :
MDL02

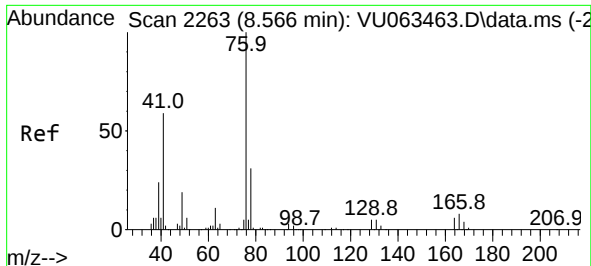
Tgt Ion: 97	Resp: 3615
Ion Ratio	Lower Upper
97	100
83	94.2 74.2 111.4
85	75.5 45.8 68.8#
99	69.6 52.5 78.7



#56
Ethyl methacrylate
Concen: 2.211 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 69	Resp: 5157
Ion Ratio	Lower Upper
69	100
41	82.3 53.0 79.6#
39	53.3 31.0 46.4#





#57

1,3-Dichloropropane

Concen: 2.529 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

Instrument :

MSVOA_U

ClientSampleId :

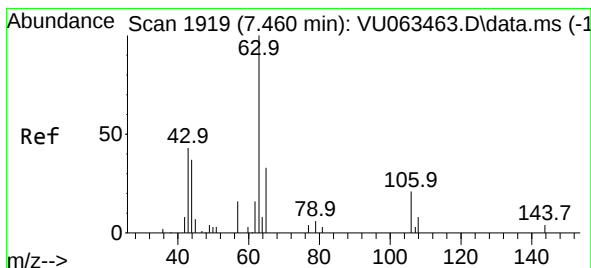
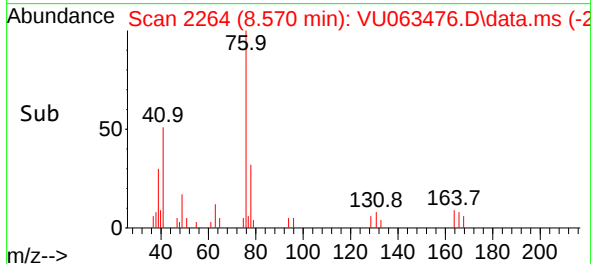
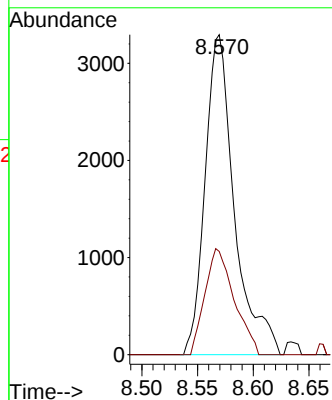
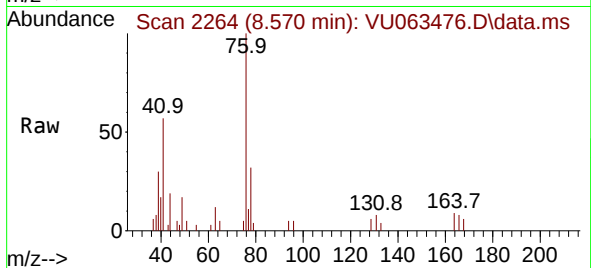
MDL02

Tgt Ion: 76 Resp: 6027

Ion Ratio Lower Upper

76 100

78 33.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 5.863 ug/l

RT: 7.476 min Scan# 1924

Delta R.T. 0.016 min

Lab File: VU063476.D

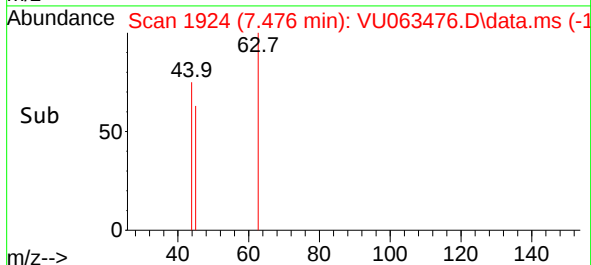
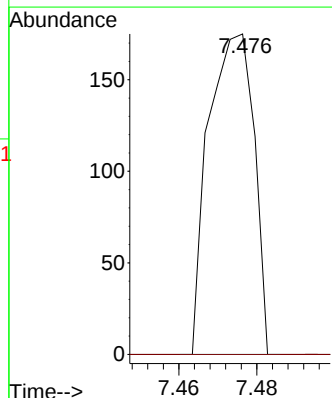
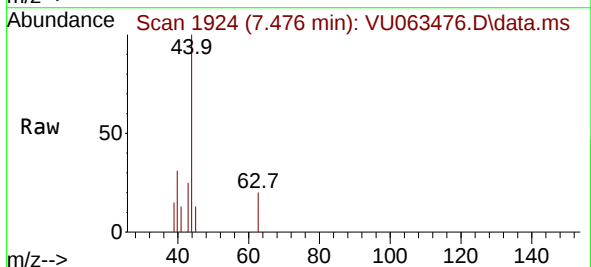
Acq: 10 Jul 2025 13:23

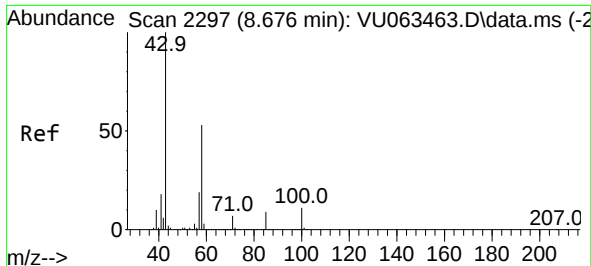
Tgt Ion: 63 Resp: 142

Ion Ratio Lower Upper

63 100

106 0.0 11.5 17.3#

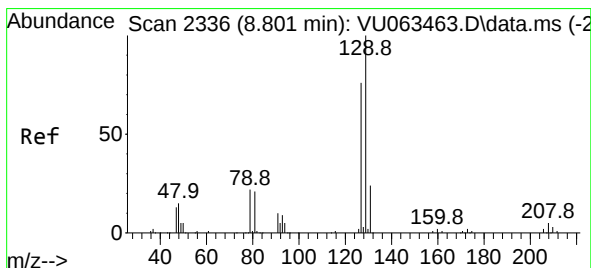
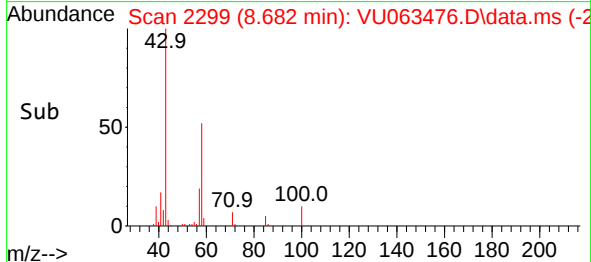
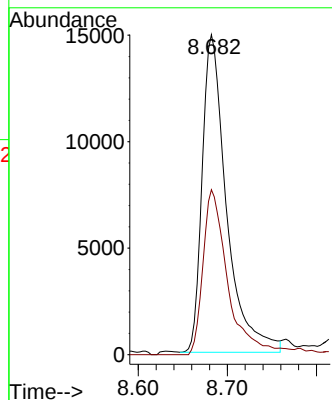
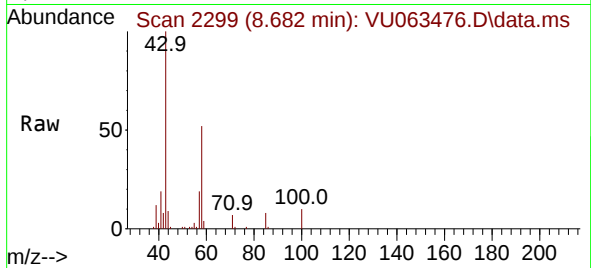




#59
2-Hexanone
Concen: 14.423 ug/l
RT: 8.682 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

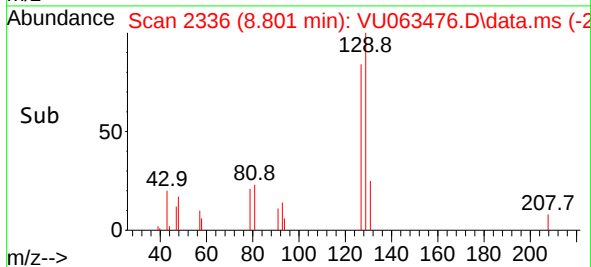
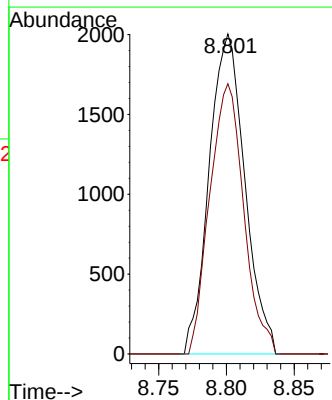
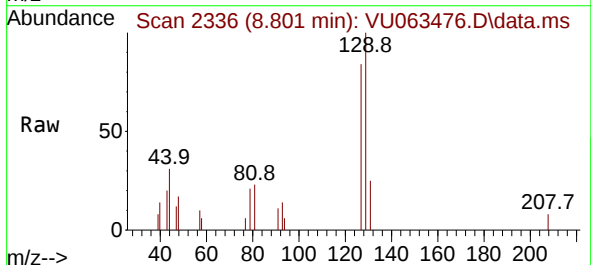
Instrument :
MSVOA_U
ClientSampleId :
MDL02

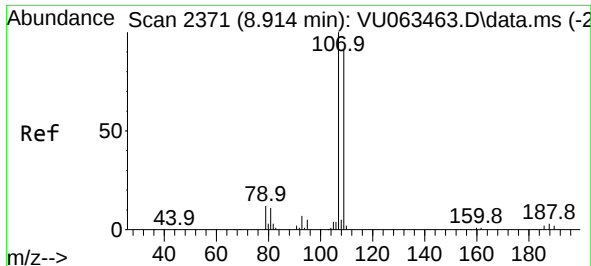
Tgt Ion: 43 Resp: 28309
Ion Ratio Lower Upper
43 100
58 53.4 26.9 80.7



#60
Dibromochloromethane
Concen: 2.265 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 129 Resp: 3668
Ion Ratio Lower Upper
129 100
127 80.2 39.1 117.2

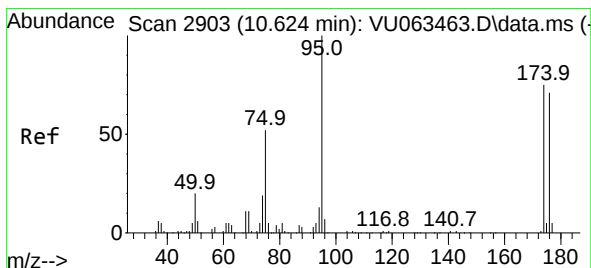
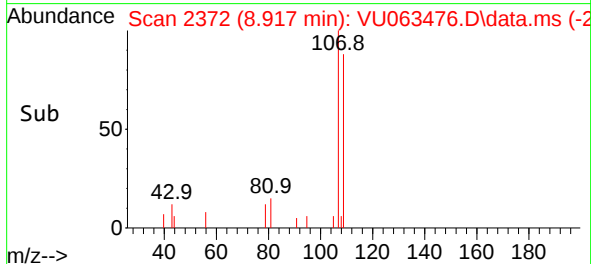
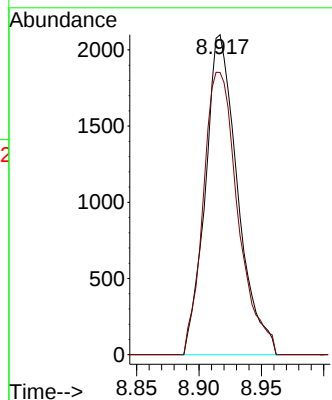
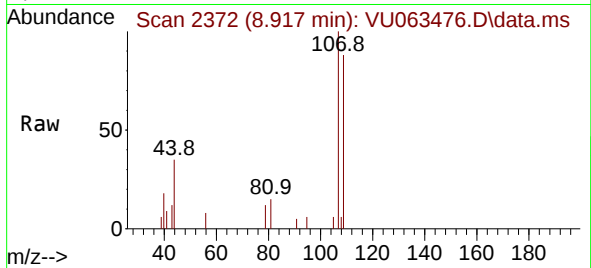




#61
1,2-Dibromoethane
Concen: 2.669 ug/l
RT: 8.917 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

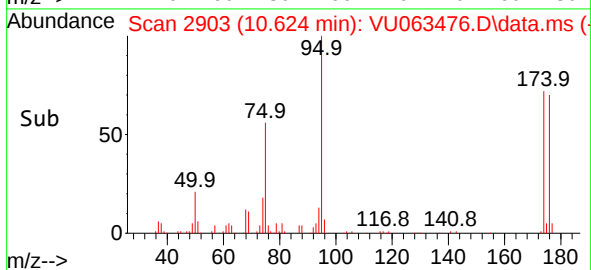
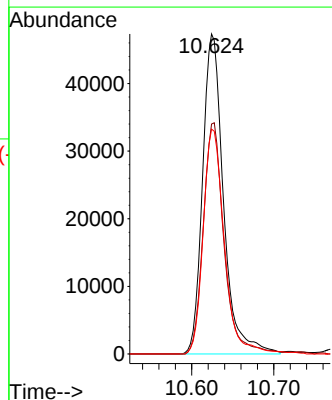
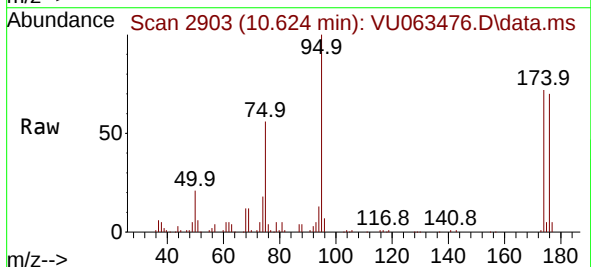
Instrument :
MSVOA_U
ClientSampleId :
MDL02

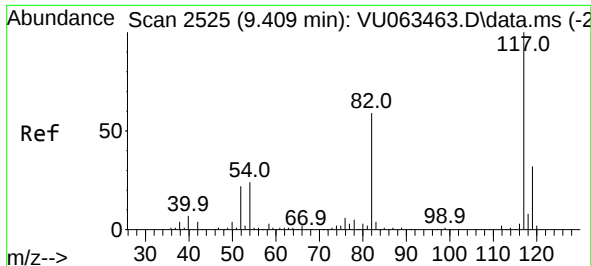
Tgt Ion:107 Resp: 3787
Ion Ratio Lower Upper
107 100
109 94.7 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 47.910 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 95 Resp: 83792
Ion Ratio Lower Upper
95 100
174 71.7 0.0 153.6
176 71.4 0.0 145.8

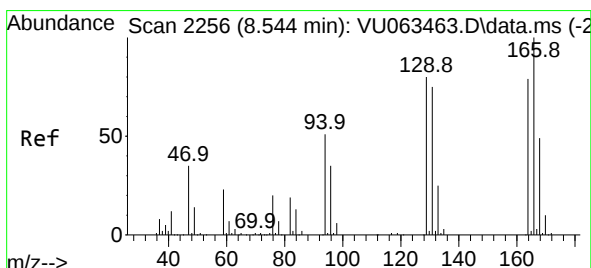
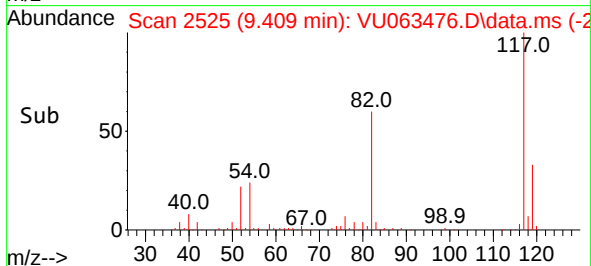
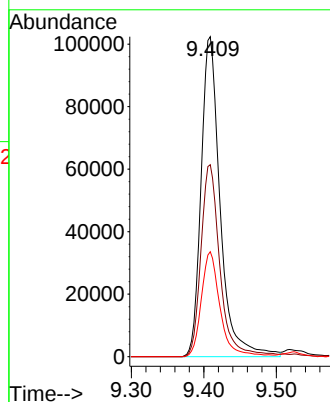
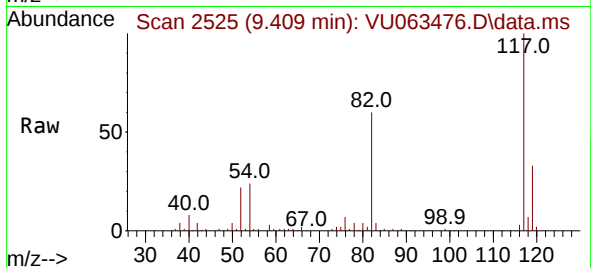




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

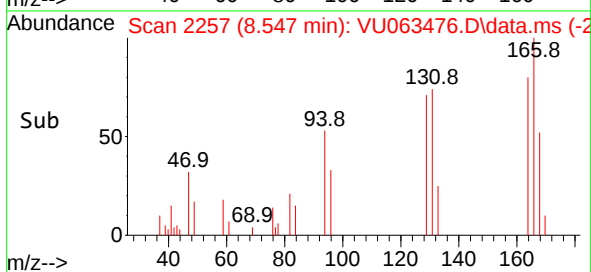
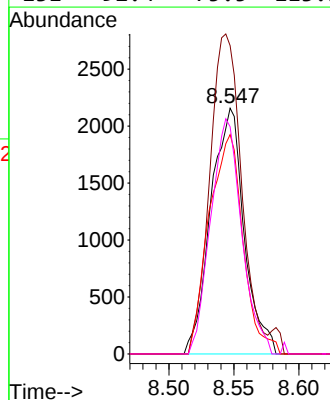
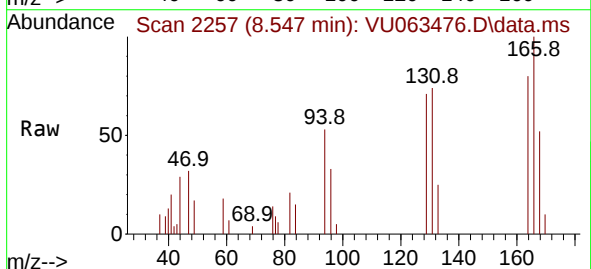
Instrument :
MSVOA_U
ClientSampleId :
MDL02

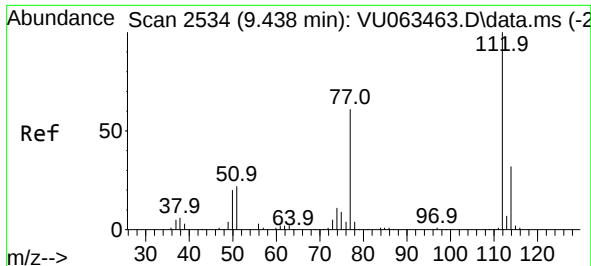
Tgt Ion:117 Resp: 187563
Ion Ratio Lower Upper
117 100
82 60.0 47.1 70.7
119 32.8 25.4 38.0



#64
Tetrachloroethene
Concen: 2.760 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion:164 Resp: 3854
Ion Ratio Lower Upper
164 100
166 125.5 100.9 151.3
129 89.3 80.9 121.3
131 92.4 75.5 113.3

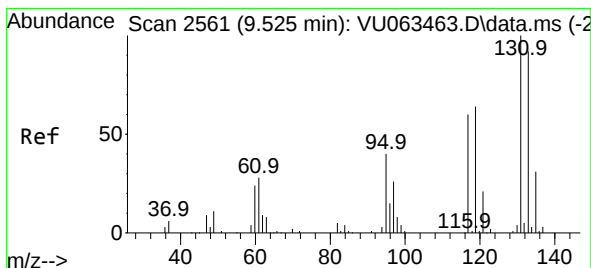
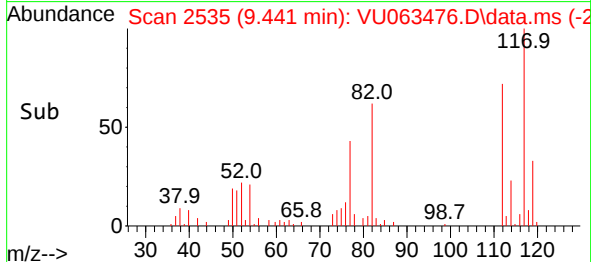
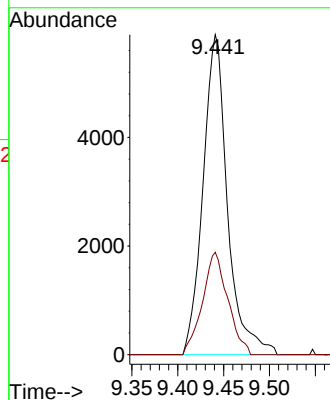
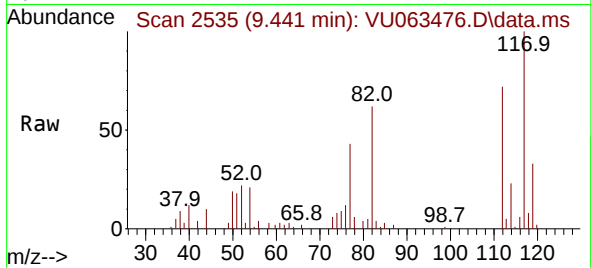




#65
Chlorobenzene
Concen: 2.802 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

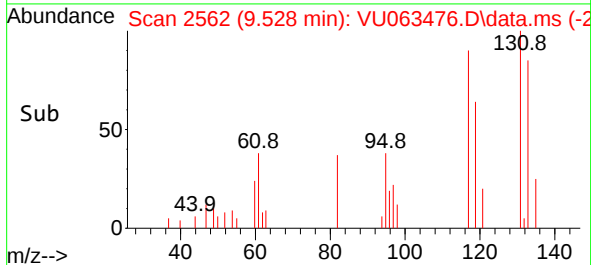
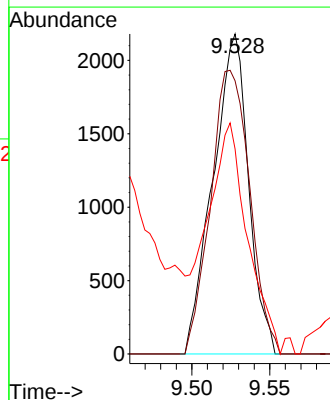
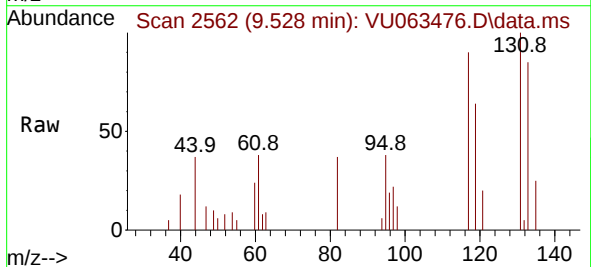
Instrument :
MSVOA_U
ClientSampleId :
MDL02

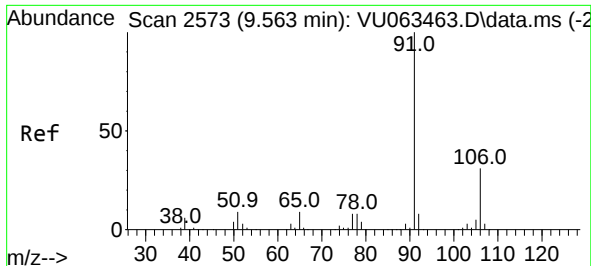
Tgt Ion:112 Resp: 10933
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 2.585 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion:131 Resp: 3459
Ion Ratio Lower Upper
131 100
133 97.9 46.4 139.2
119 80.9 33.3 99.9





#67

Ethyl Benzene

Concen: 2.744 ug/l

RT: 9.563 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

Instrument :

MSVOA_U

ClientSampleId :

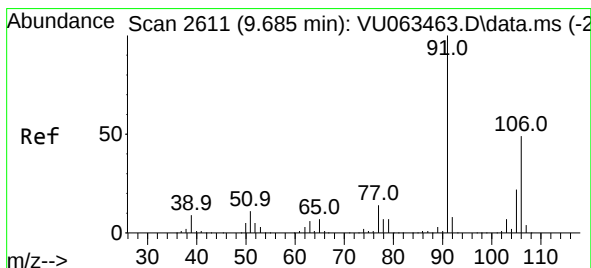
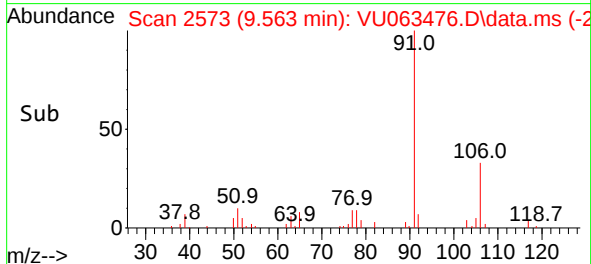
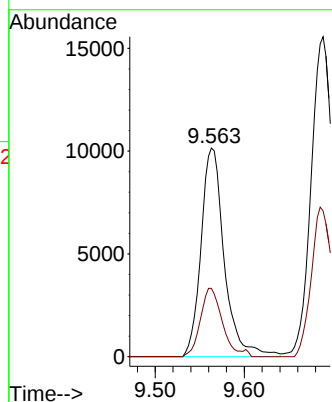
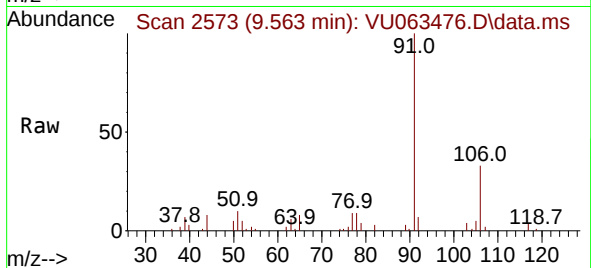
MDL02

Tgt Ion: 91 Resp: 18400

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 5.249 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063476.D

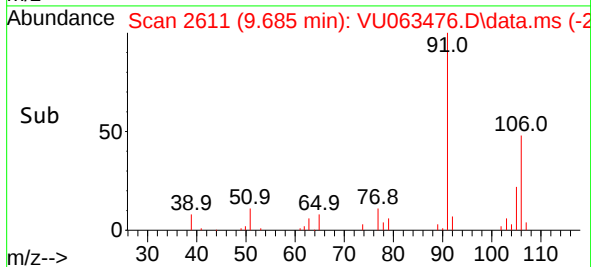
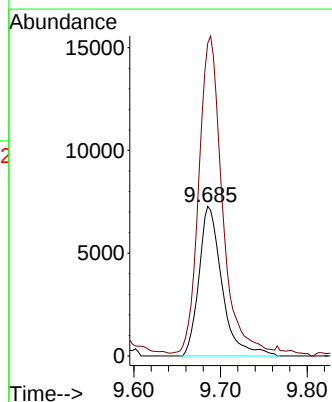
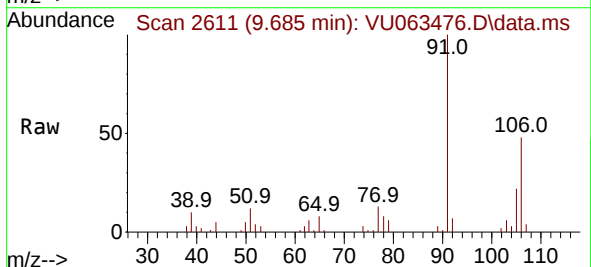
Acq: 10 Jul 2025 13:23

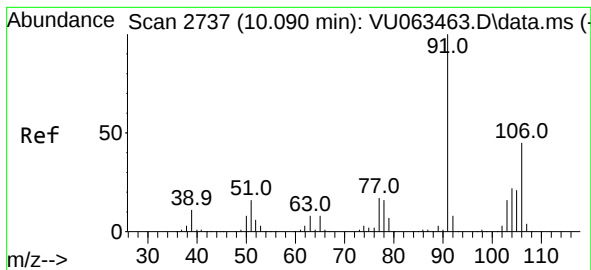
Tgt Ion:106 Resp: 13435

Ion Ratio Lower Upper

106 100

91 213.6 163.6 245.4





#69

o-Xylene

Concen: 2.579 ug/l

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

Instrument :

MSVOA_U

ClientSampleId :

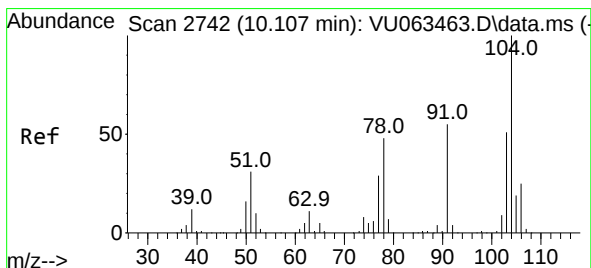
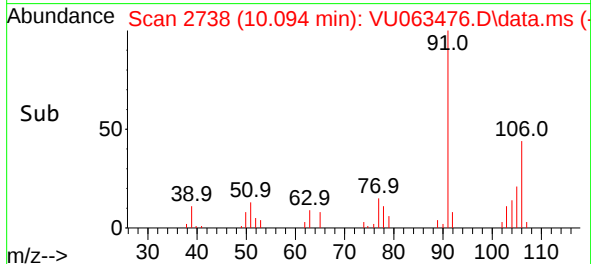
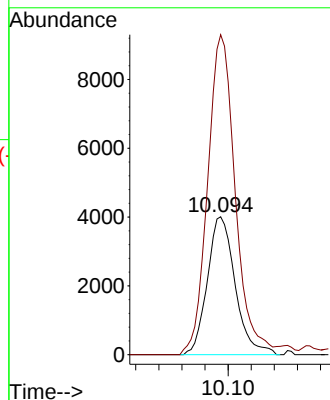
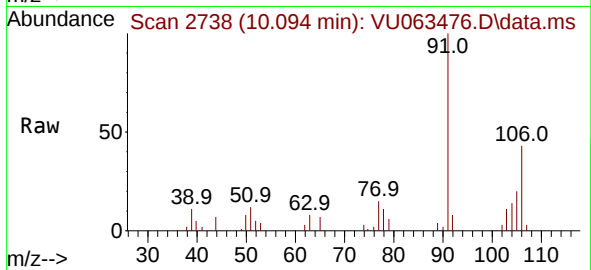
MDL02

Tgt Ion:106 Resp: 6712

Ion Ratio Lower Upper

106 100

91 230.1 110.7 331.9



#70

Styrene

Concen: 2.636 ug/l

RT: 10.110 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

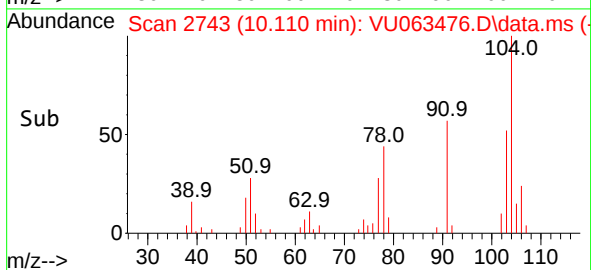
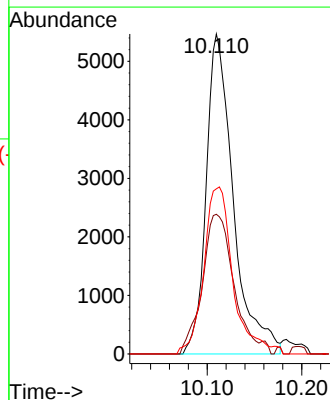
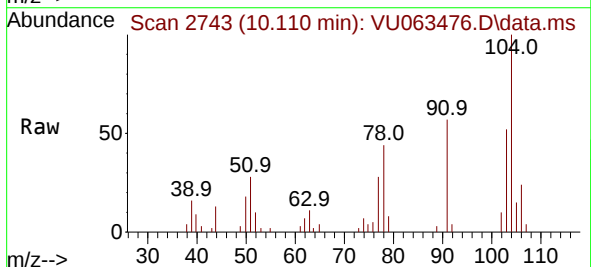
Tgt Ion:104 Resp: 10907

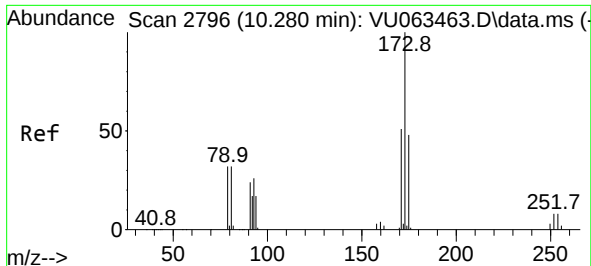
Ion Ratio Lower Upper

104 100

78 50.1 41.4 62.0

103 56.1 44.3 66.5

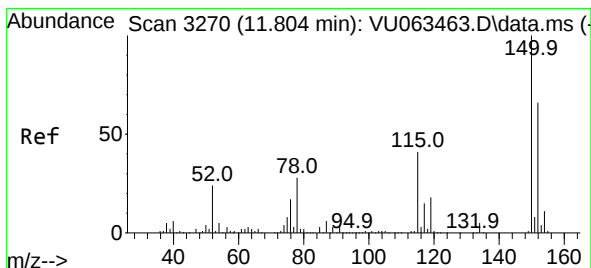
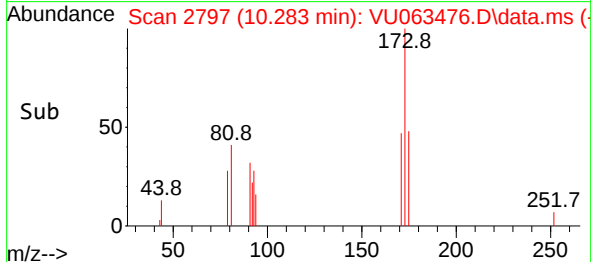
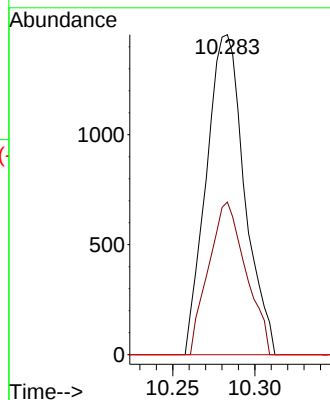
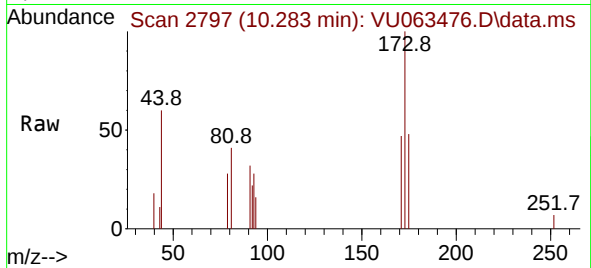




#71
Bromoform
Concen: 2.018 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

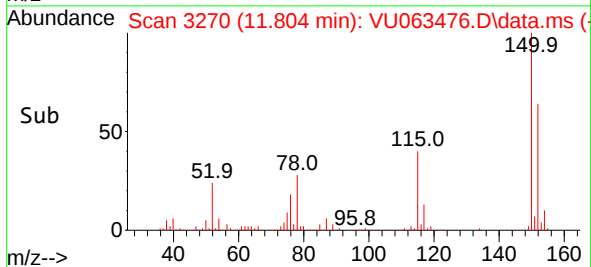
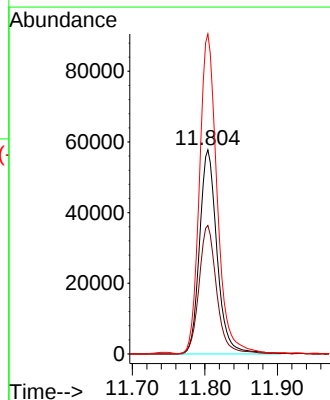
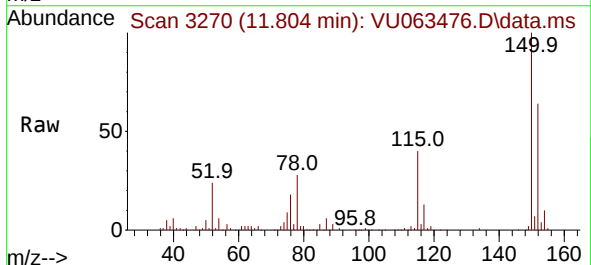
Instrument :
MSVOA_U
ClientSampleId :
MDL02

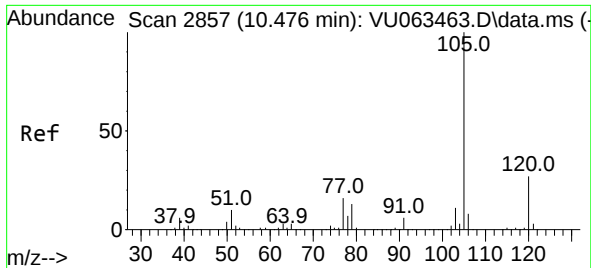
Tgt Ion:173 Resp: 2354
Ion Ratio Lower Upper
173 100
175 46.6 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion:152 Resp: 96939
Ion Ratio Lower Upper
152 100
115 63.6 43.4 130.2
150 157.8 0.0 341.4

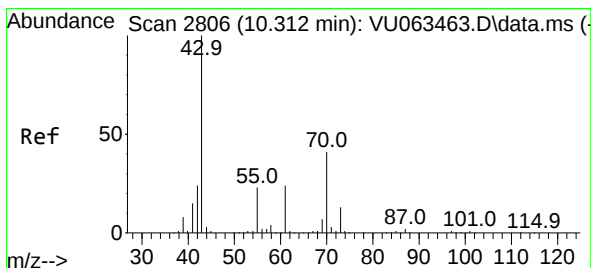
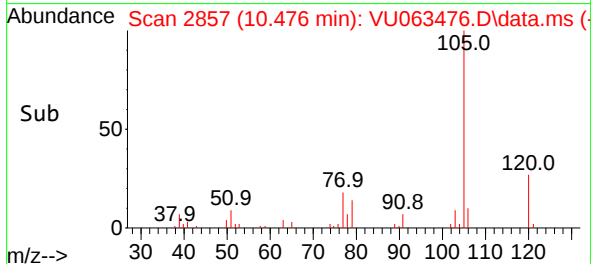
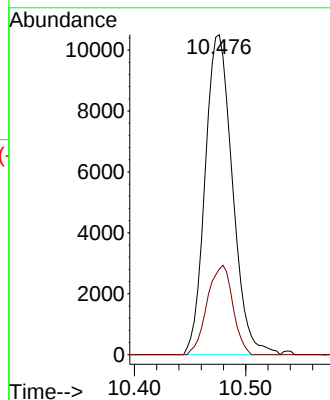
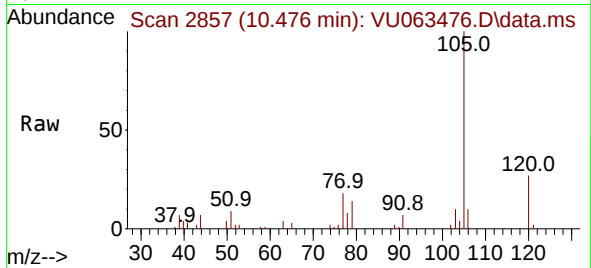




#73
Isopropylbenzene
Concen: 2.718 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

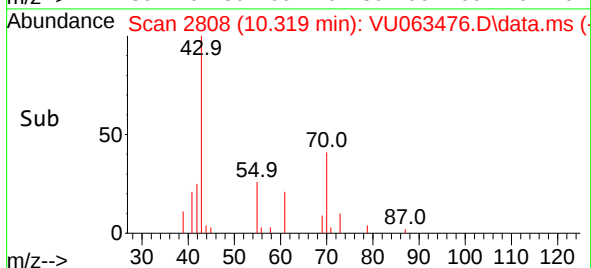
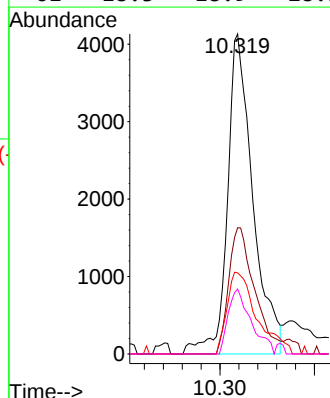
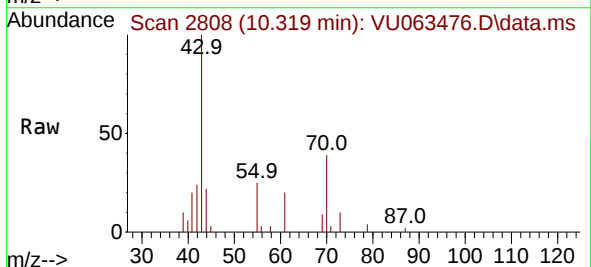
Instrument : MSVOA_U
ClientSampleId : MDL02

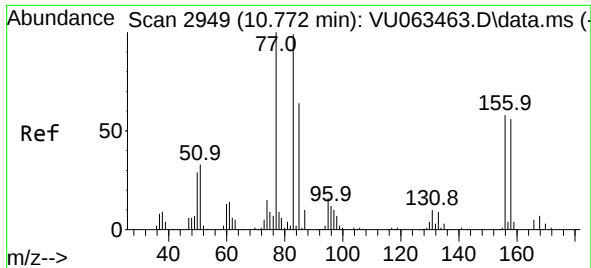
Tgt Ion:105 Resp: 17926
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 2.606 ug/l
RT: 10.319 min Scan# 2808
Delta R.T. 0.006 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 43 Resp: 7710
Ion Ratio Lower Upper
43 100
70 40.6 32.6 48.8
55 30.0 18.6 27.8#
61 18.3 18.9 28.3#

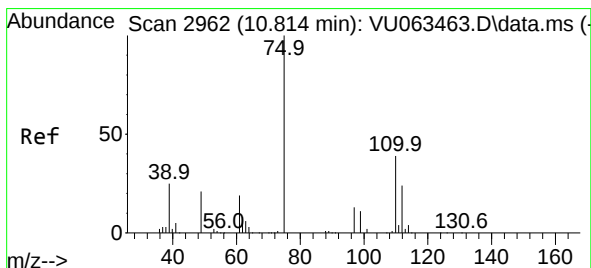
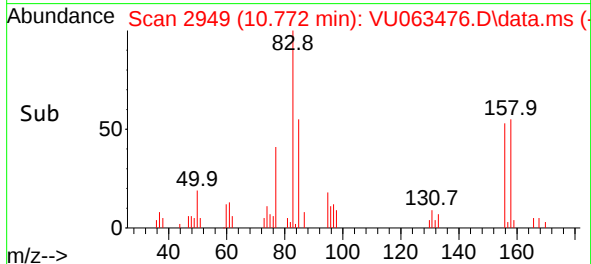
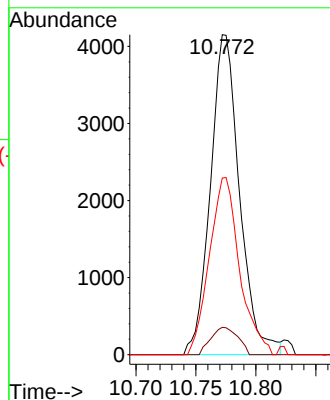
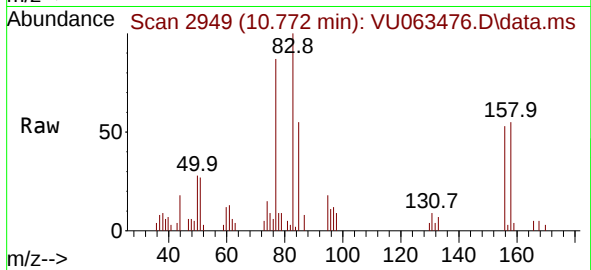




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.891 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU063476.D
 Acq: 10 Jul 2025 13:23

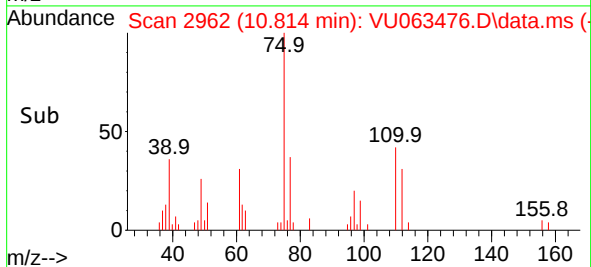
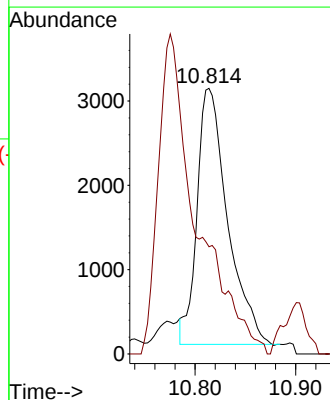
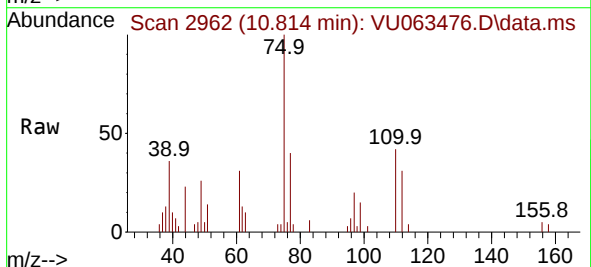
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

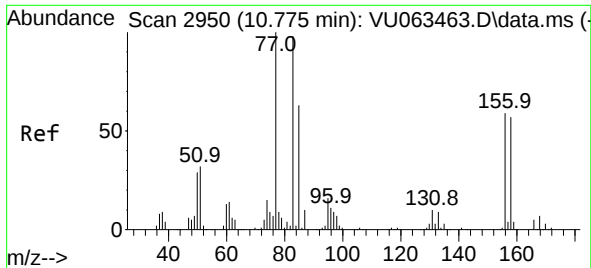
Tgt Ion: 83 Resp: 7019
 Ion Ratio Lower Upper
 83 100
 131 7.9 4.8 14.3
 85 57.2 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 2.494 ug/l
 RT: 10.814 min Scan# 2962
 Delta R.T. -0.000 min
 Lab File: VU063476.D
 Acq: 10 Jul 2025 13:23

Tgt Ion: 75 Resp: 6407
 Ion Ratio Lower Upper
 75 100
 77 0.0 3.1 9.4#

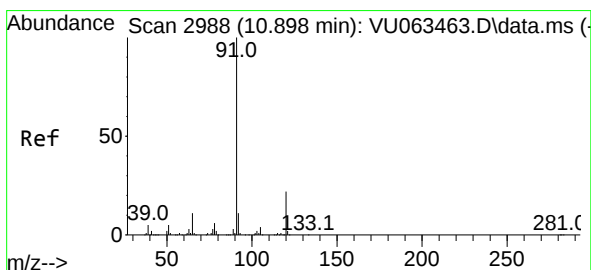
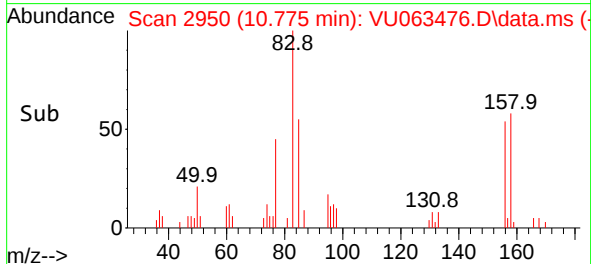
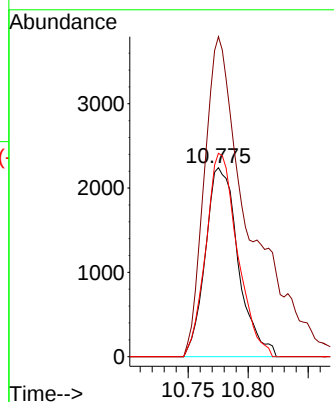
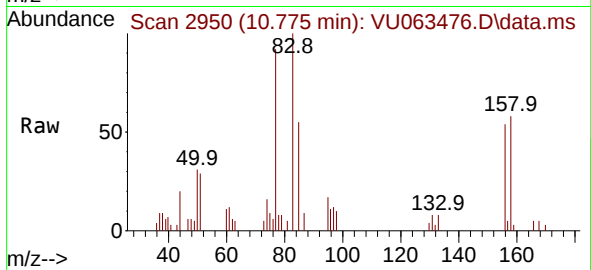




#77
Bromobenzene
Concen: 2.637 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

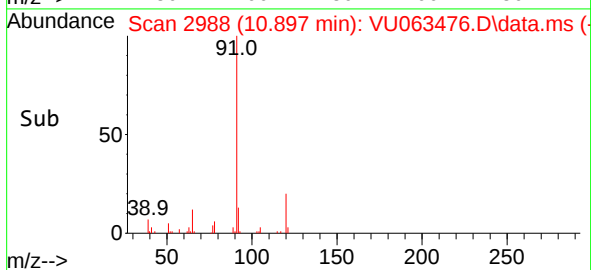
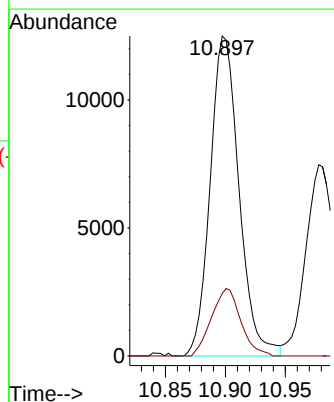
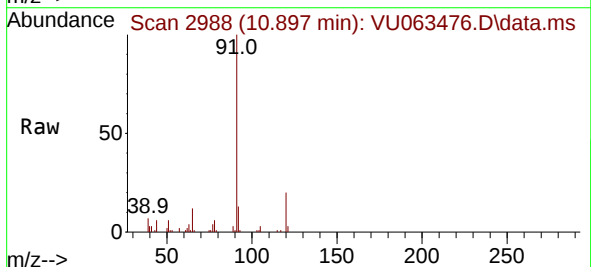
Instrument :
MSVOA_U
ClientSampleId :
MDL02

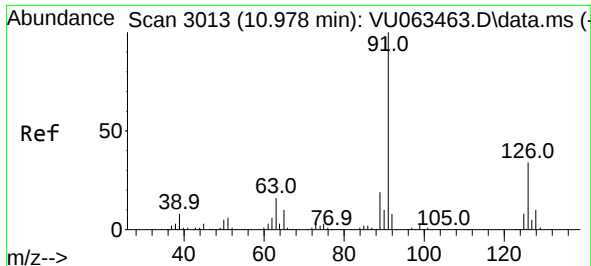
Tgt Ion:156 Resp: 4264
Ion Ratio Lower Upper
156 100
77 233.4 78.2 234.6
158 103.8 46.8 140.4



#78
n-propylbenzene
Concen: 2.731 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 91 Resp: 20889
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4

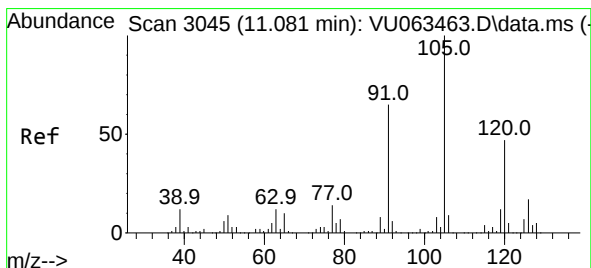
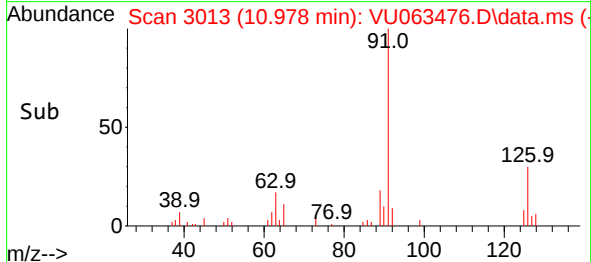
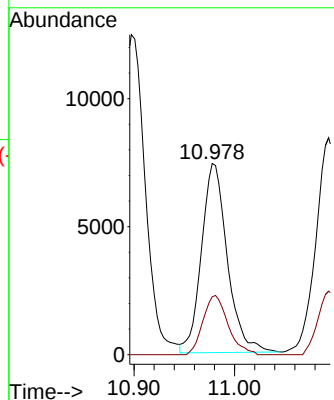
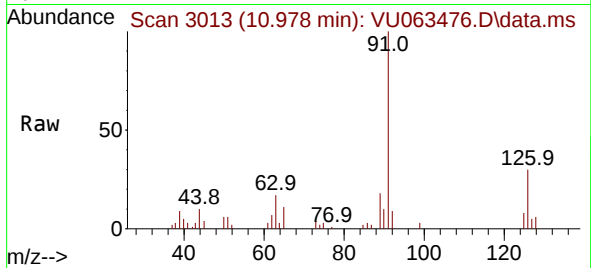




#79
2-Chlorotoluene
Concen: 2.753 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

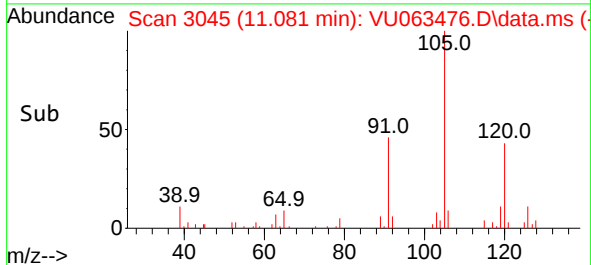
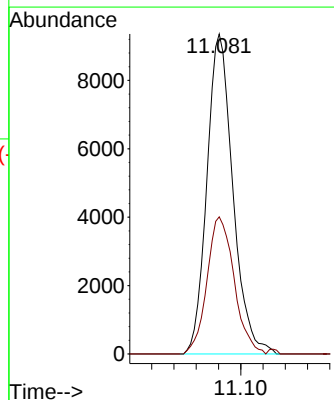
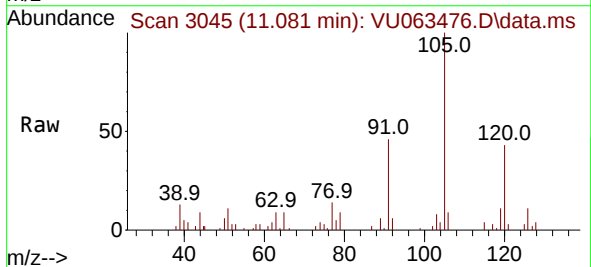
Instrument :
MSVOA_U
ClientSampleId :
MDL02

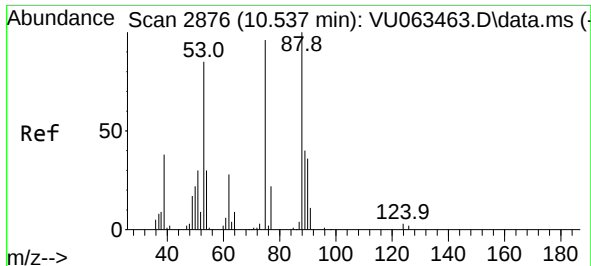
Tgt Ion: 91 Resp: 13209
Ion Ratio Lower Upper
91 100
126 30.3 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 2.623 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion:105 Resp: 15131
Ion Ratio Lower Upper
105 100
120 44.8 23.4 70.2

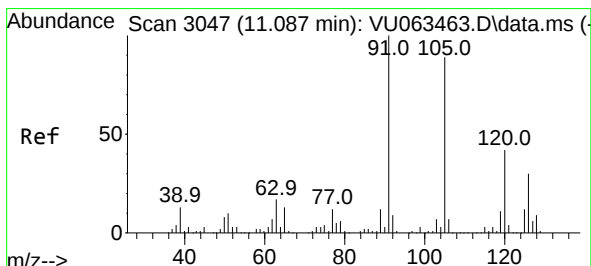
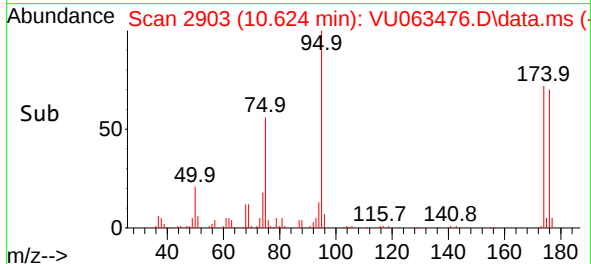
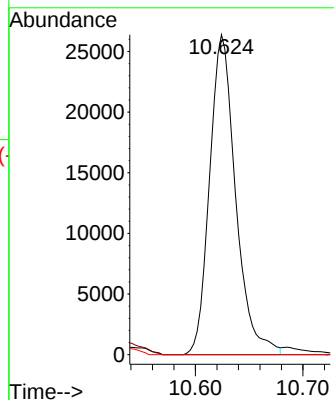
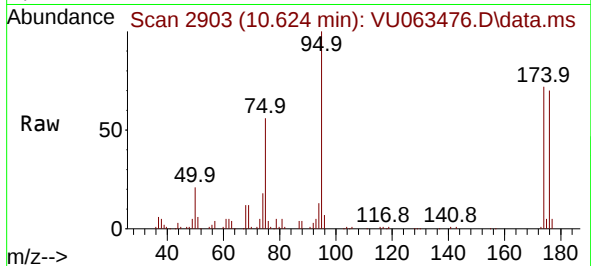




#81
trans-1,4-Dichloro-2-butene
Concen: 86.337 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.087 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

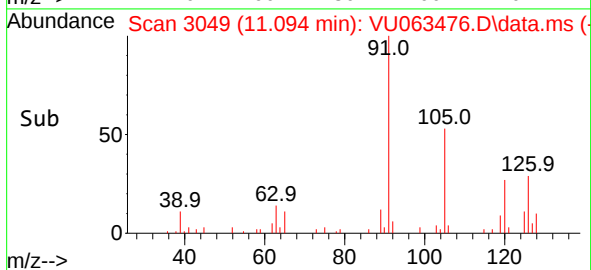
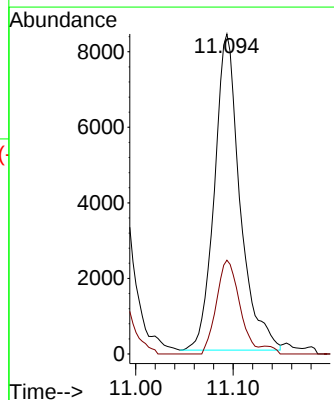
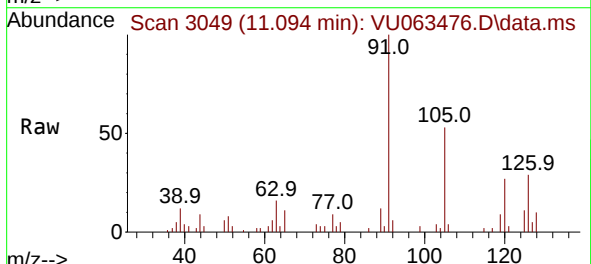
Instrument :
MSVOA_U
ClientSampleId :
MDL02

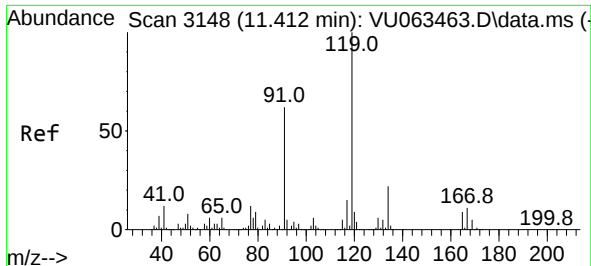
Tgt Ion: 75 Resp: 44466
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 36.3 54.5#



#82
4-Chlorotoluene
Concen: 2.799 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 91 Resp: 15245
Ion Ratio Lower Upper
91 100
126 26.7 14.4 43.2

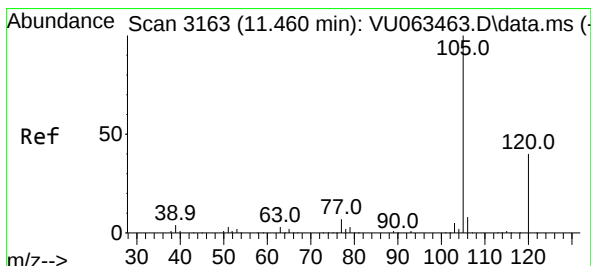
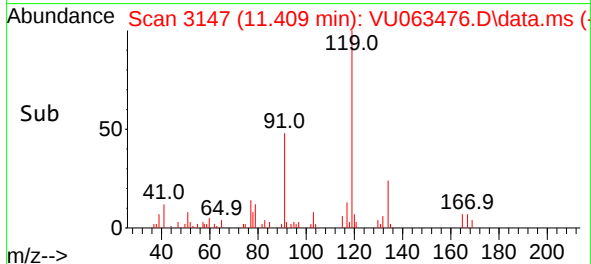
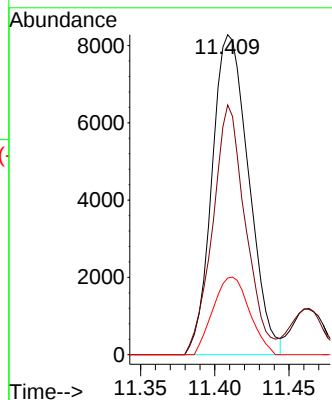
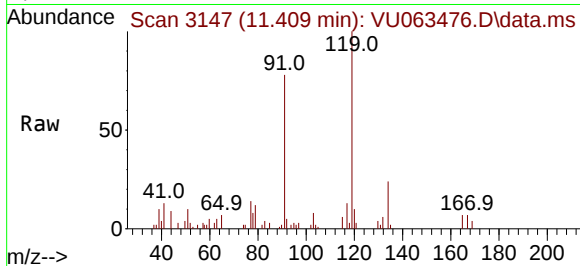




#83
tert-Butylbenzene
Concen: 2.573 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

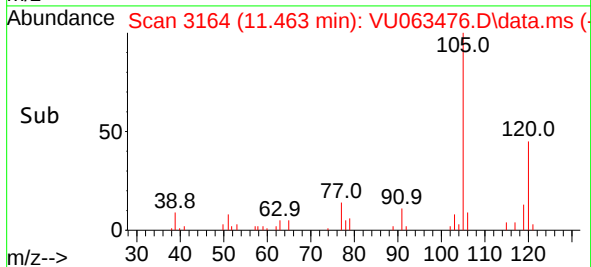
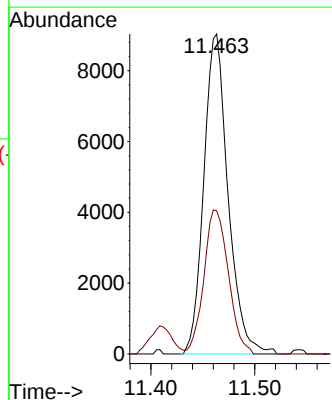
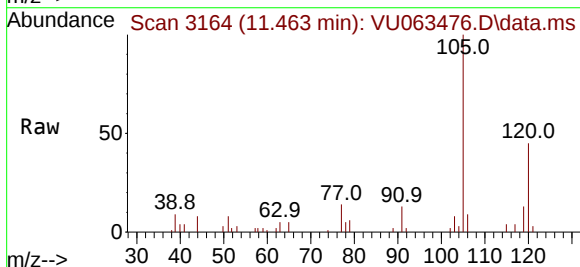
Instrument :
MSVOA_U
ClientSampleId :
MDL02

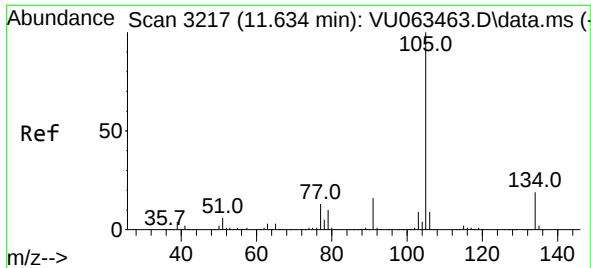
Tgt Ion:119 Resp: 14234
Ion Ratio Lower Upper
119 100
91 70.0 30.3 91.0
134 24.0 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 2.590 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion:105 Resp: 14675
Ion Ratio Lower Upper
105 100
120 45.4 22.1 66.3

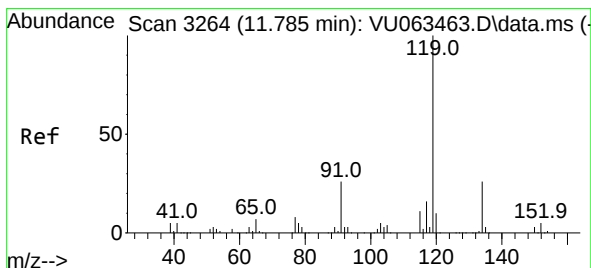
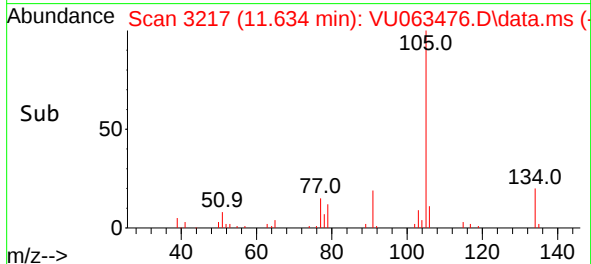
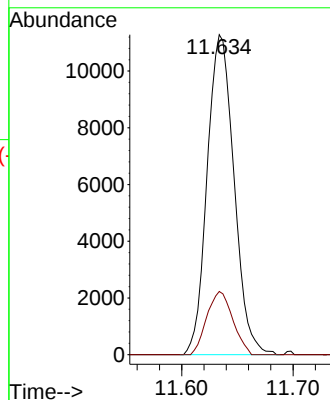
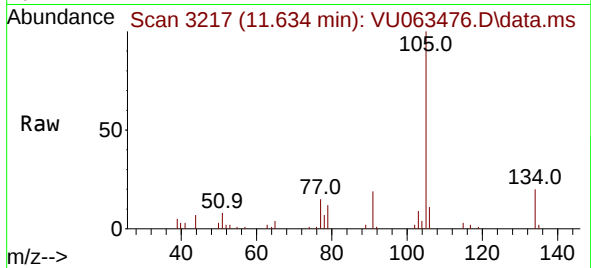




#85
 sec-Butylbenzene
 Concen: 2.590 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063476.D
 Acq: 10 Jul 2025 13:23

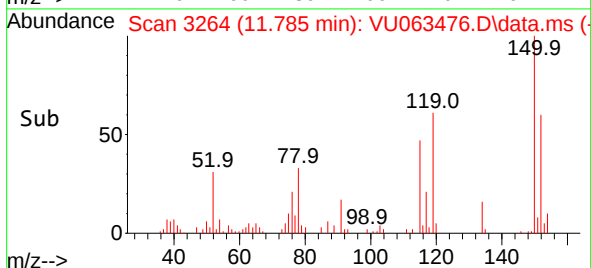
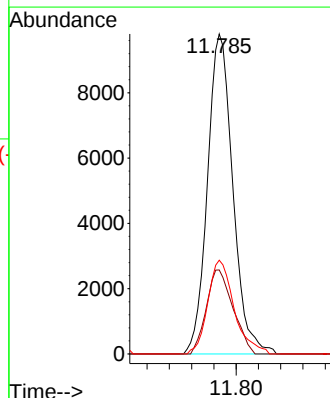
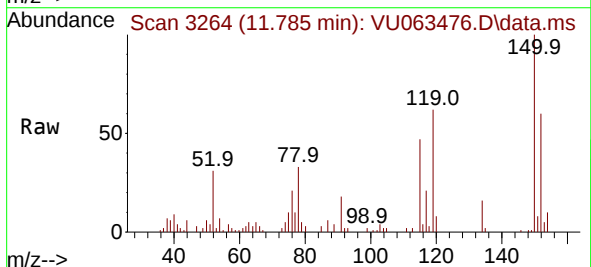
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

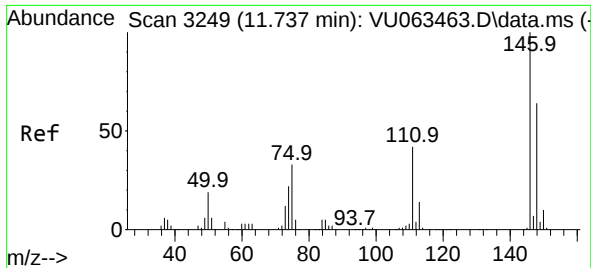
Tgt Ion:105 Resp: 18907
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 2.615 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063476.D
 Acq: 10 Jul 2025 13:23

Tgt Ion:119 Resp: 15490
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.0 38.9
 91 30.4 13.0 38.9

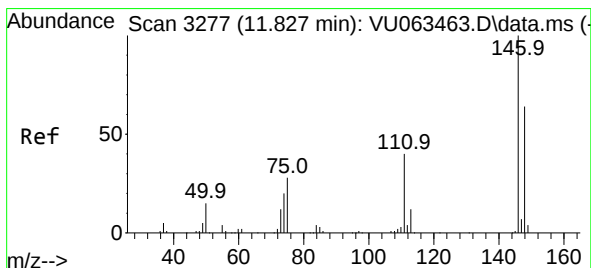
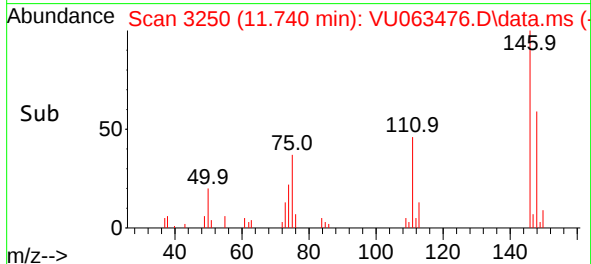
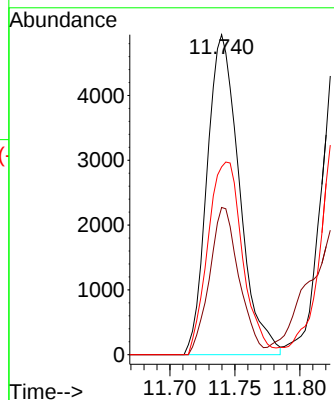
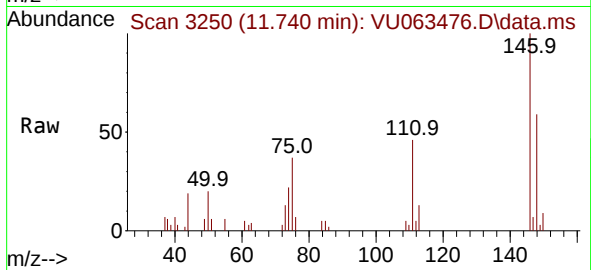




#87
1,3-Dichlorobenzene
Concen: 2.737 ug/l
RT: 11.740 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

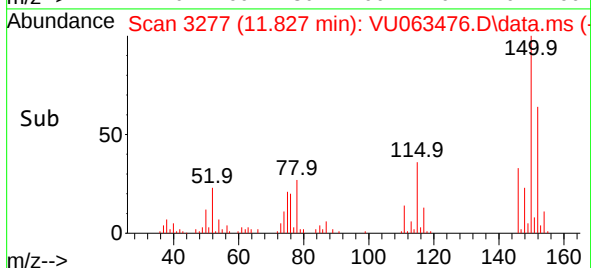
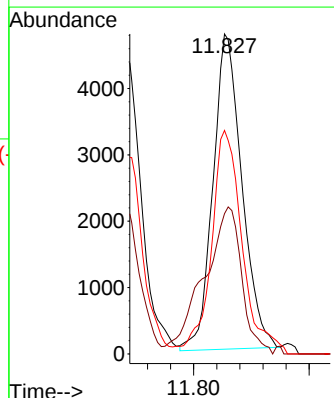
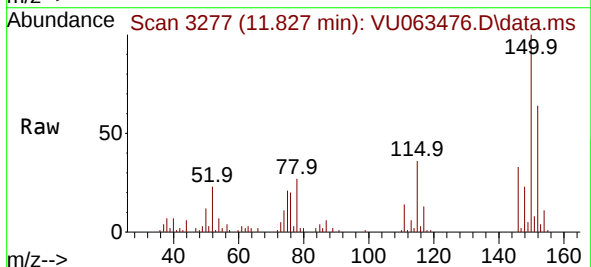
Instrument :
MSVOA_U
ClientSampleId :
MDL02

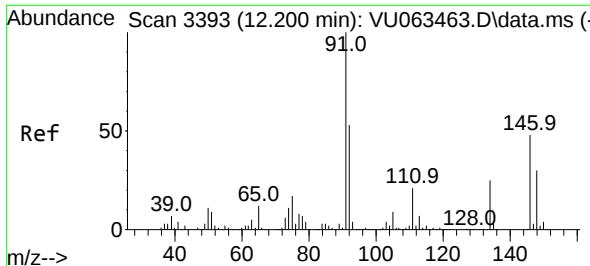
Tgt Ion:146 Resp: 8529
Ion Ratio Lower Upper
146 100
111 42.1 20.9 62.7
148 64.7 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 2.597 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion:146 Resp: 8251
Ion Ratio Lower Upper
146 100
111 61.0 20.8 62.4
148 75.1 31.9 95.9





#89

n-Butylbenzene

Concen: 2.880 ug/l

RT: 12.203 min Scan# 3393

Delta R.T. 0.003 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02

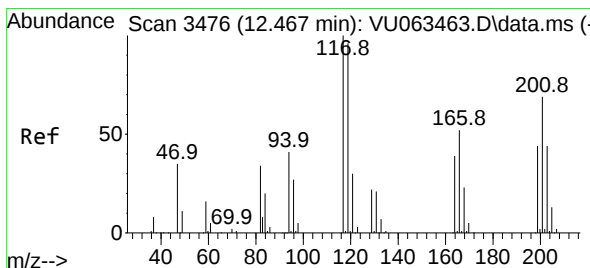
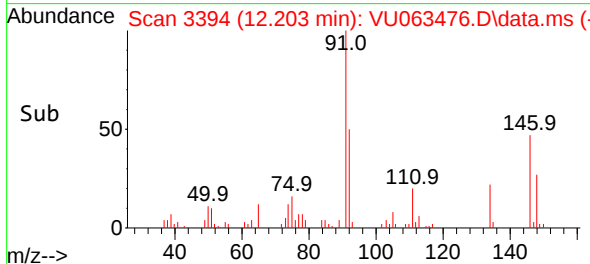
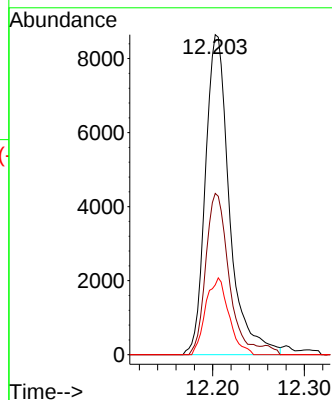
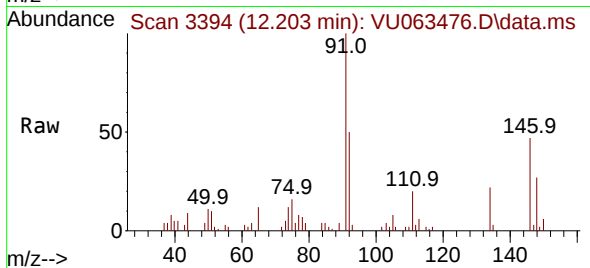
Tgt Ion: 91 Resp: 15785

Ion Ratio Lower Upper

91 100

92 48.2 26.4 79.2

134 23.0 12.4 37.0



#90

Hexachloroethane

Concen: 2.084 ug/l

RT: 12.466 min Scan# 3476

Delta R.T. -0.000 min

Lab File: VU063476.D

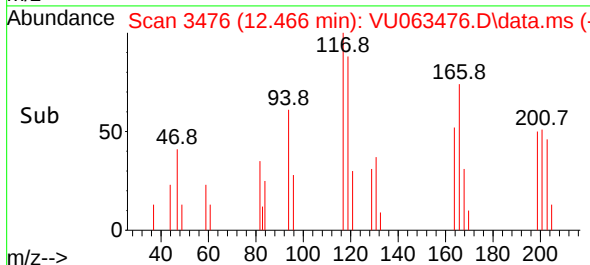
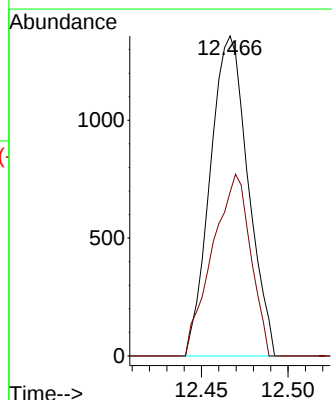
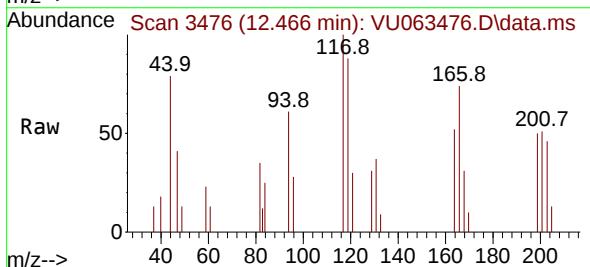
Acq: 10 Jul 2025 13:23

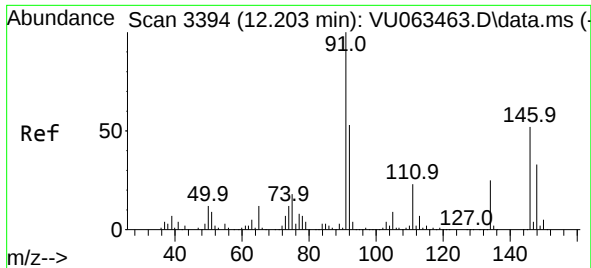
Tgt Ion: 117 Resp: 2064

Ion Ratio Lower Upper

117 100

201 57.2 34.4 103.2

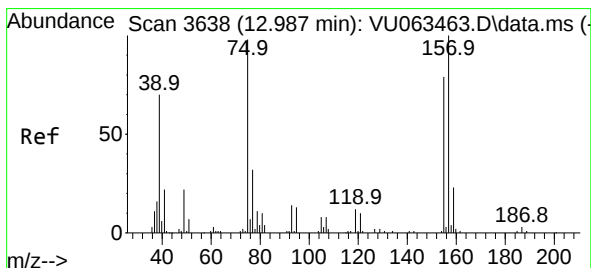
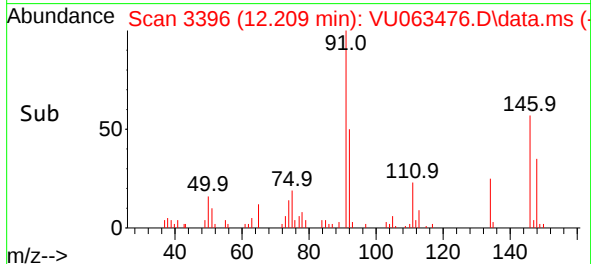
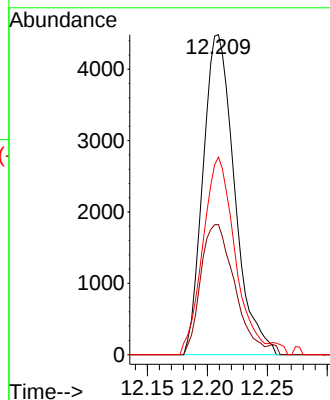
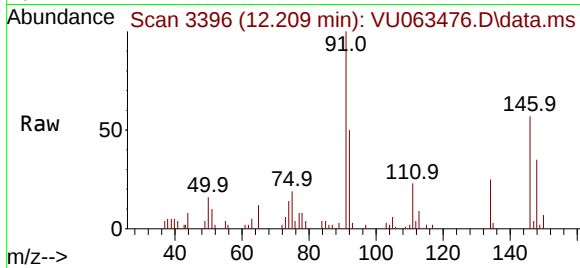




#91
1,2-Dichlorobenzene
Concen: 2.698 ug/l
RT: 12.209 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

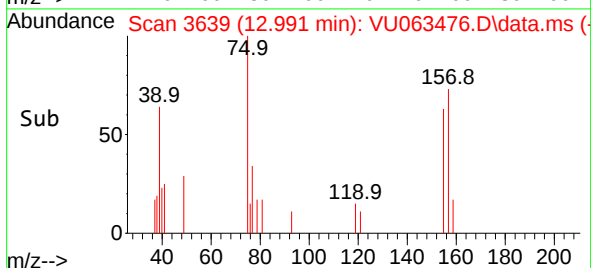
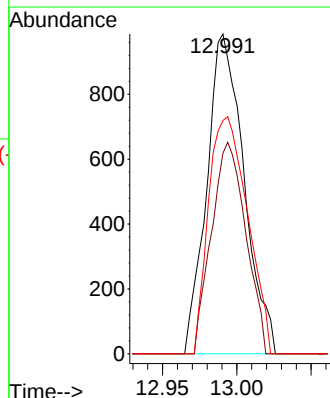
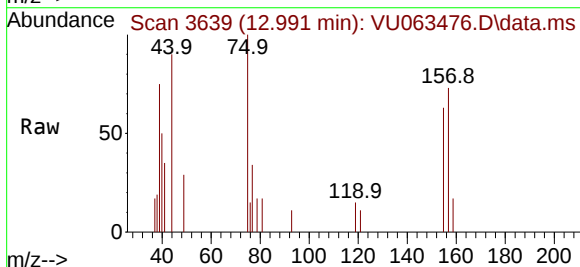
Instrument :
MSVOA_U
ClientSampleId :
MDL02

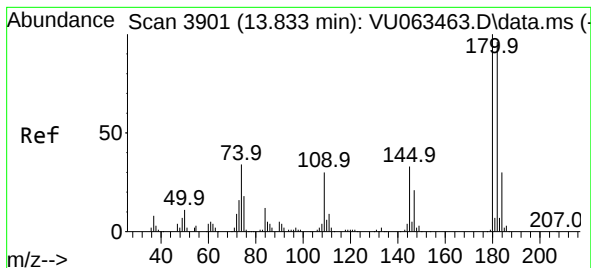
Tgt Ion:146 Resp: 8196
Ion Ratio Lower Upper
146 100
111 44.4 21.9 65.5
148 63.1 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.984 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion: 75 Resp: 1716
Ion Ratio Lower Upper
75 100
155 61.1 39.1 117.5
157 77.6 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 2.937 ug/l

RT: 13.839 min Scan# 3901

Delta R.T. 0.006 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02

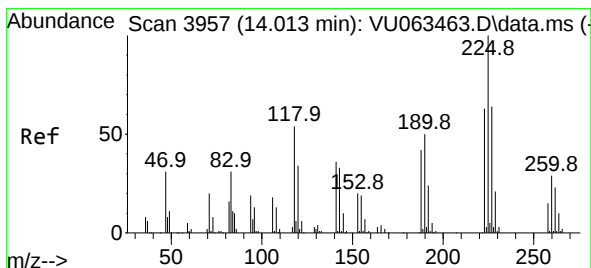
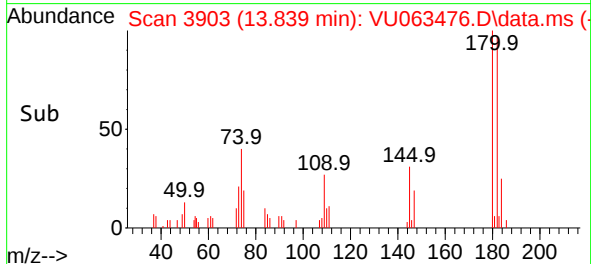
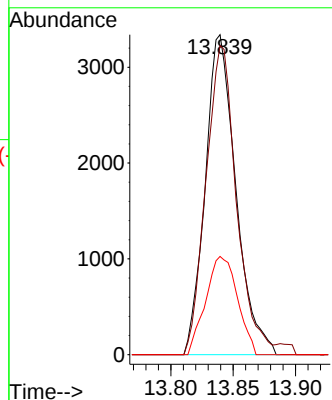
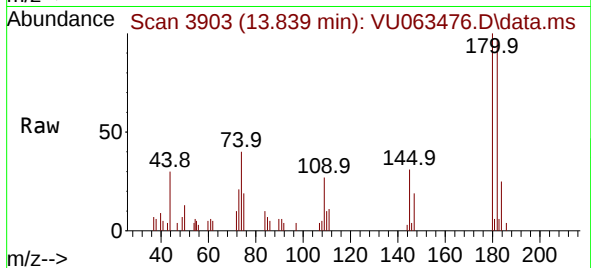
Tgt Ion:180 Resp: 5715

Ion Ratio Lower Upper

180 100

182 96.4 47.7 143.1

145 31.8 16.6 49.7



#94

Hexachlorobutadiene

Concen: 2.860 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VU063476.D

Acq: 10 Jul 2025 13:23

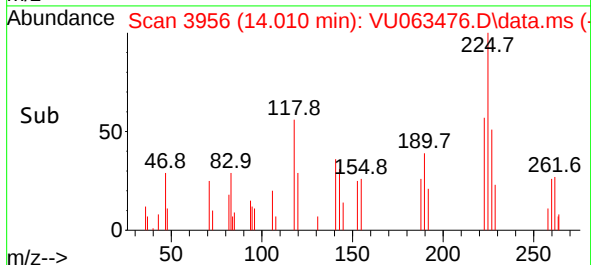
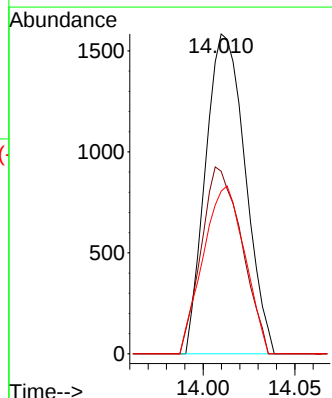
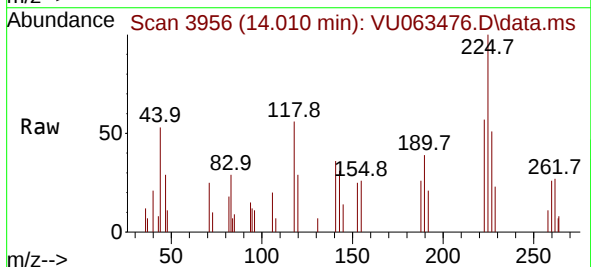
Tgt Ion:225 Resp: 2379

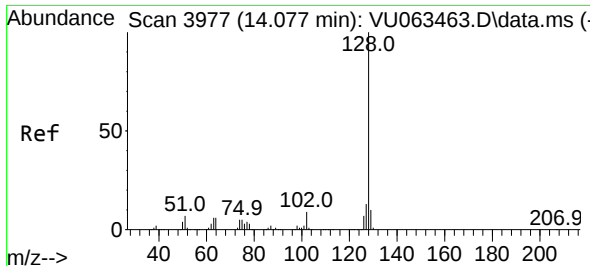
Ion Ratio Lower Upper

225 100

223 59.6 32.4 97.0

227 55.1 32.3 96.9

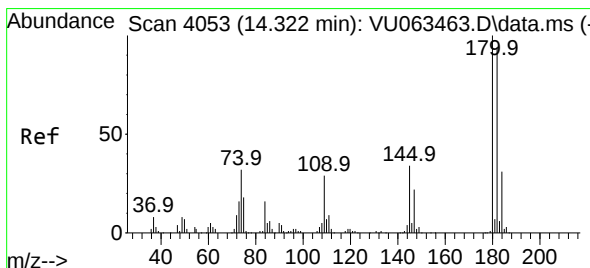
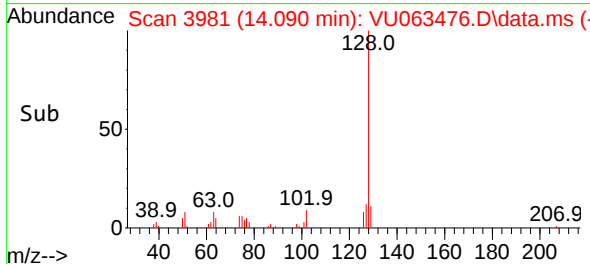
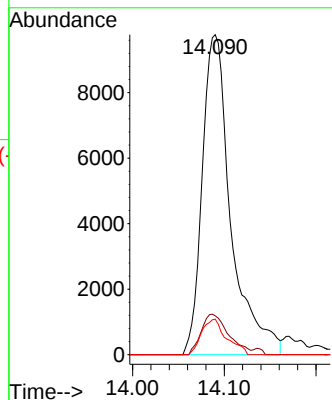
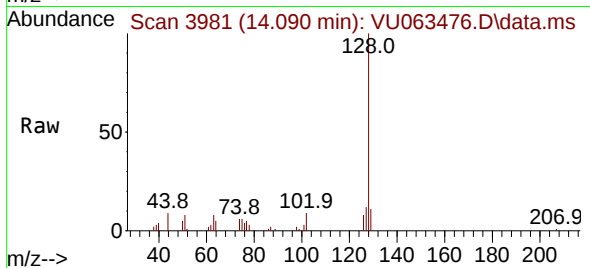




#95
Naphthalene
Concen: 3.335 ug/l
RT: 14.090 min Scan# 3977
Delta R.T. 0.013 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:	128	Resp:	21252
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.2	15.4
129	9.7	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.990 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063476.D
Acq: 10 Jul 2025 13:23

Tgt Ion:	180	Resp:	5718
Ion Ratio	Lower	Upper	
180	100		
182	90.7	47.8	143.3
145	28.5	17.2	51.5

