

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063498.D
 Acq On : 11 Jul 2025 17:23
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 12 04:01:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.357	168	99959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.235	114	179582	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	169520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	95452	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	67780	53.146	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.300%	
35) Dibromofluoromethane	5.274	113	54518	50.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.720%	
50) Toluene-d8	7.888	98	170522	48.326	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.660%	
62) 4-Bromofluorobenzene	10.624	95	78846	51.085	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.180%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	36300	45.661	ug/l	98
3) Chloromethane	1.518	50	41763	43.130	ug/l	98
4) Vinyl Chloride	1.596	62	54000	50.294	ug/l	94
5) Bromomethane	1.840	94	41476	55.136	ug/l	98
6) Chloroethane	1.920	64	37427	48.110	ug/l	99
7) Trichlorofluoromethane	2.123	101	90294	52.129	ug/l	99
8) Diethyl Ether	2.370	74	37908	52.514	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.563	101	52726	51.465	ug/l	99
10) Methyl Iodide	2.705	142	51165	47.812	ug/l	97
11) Tert butyl alcohol	3.197	59	148465	347.198	ug/l	98
12) 1,1-Dichloroethene	2.563	96	48976	51.355	ug/l	98
13) Acrolein	2.477	56	14340	237.588	ug/l	98
14) Allyl chloride	2.904	41	120032	52.876	ug/l	98
15) Acrylonitrile	3.303	53	296984	324.240	ug/l	97
16) Acetone	2.618	43	288790	269.937	ug/l	98
17) Carbon Disulfide	2.772	76	91577	40.170	ug/l	99
18) Methyl Acetate	2.940	43	185695	67.446	ug/l	98
19) Methyl tert-butyl Ether	3.358	73	227127	55.222	ug/l	98
20) Methylene Chloride	3.026	84	65241	41.823	ug/l	95
21) trans-1,2-Dichloroethene	3.329	96	52557	51.295	ug/l	96
22) Diisopropyl ether	3.988	45	209159	54.112	ug/l	99
23) Vinyl Acetate	3.943	43	848144	282.789	ug/l	99
24) 1,1-Dichloroethane	3.846	63	117209	53.431	ug/l	98
25) 2-Butanone	4.705	43	388823	323.749	ug/l	99
26) 2,2-Dichloropropane	4.644	77	94319	49.420	ug/l	99
27) cis-1,2-Dichloroethene	4.647	96	70462	52.101	ug/l	99
28) Bromochloromethane	4.956	49	56675	55.000	ug/l	99
29) Tetrahydrofuran	5.049	42	247133	326.201	ug/l	98
30) Chloroform	5.068	83	126869	54.779	ug/l	98
31) Cyclohexane	5.361	56	82362	46.704	ug/l	97
32) 1,1,1-Trichloroethane	5.296	97	108523	55.031	ug/l	99
36) 1,1-Dichloropropene	5.509	75	73470	49.950	ug/l	99
37) Ethyl Acetate	4.804	43	128232	53.832	ug/l	100
38) Carbon Tetrachloride	5.502	117	81230	50.122	ug/l	98
39) Methylcyclohexane	6.746	83	80410	45.244	ug/l	95
40) Benzene	5.756	78	240575	52.372	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.965	41	67652	60.188	ug/l	98
42) 1,2-Dichloroethane	5.782	62	97782	56.611	ug/l	99
43) Isopropyl Acetate	5.910	43	180840	57.155	ug/l	100
44) Trichloroethene	6.528	130	61167	49.758	ug/l	99
45) 1,2-Dichloropropane	6.779	63	69867	54.713	ug/l	98
46) Dibromomethane	6.904	93	51204	56.357	ug/l	96
47) Bromodichloromethane	7.094	83	98399	52.084	ug/l	99
48) Methyl methacrylate	6.955	41	83403	57.032	ug/l	97
49) 1,4-Dioxane	6.962	88	39709	1237.420	ug/l	97
51) 4-Methyl-2-Pentanone	7.782	43	691075	301.767	ug/l	99
52) Toluene	7.959	92	158231	52.664	ug/l	93
53) t-1,3-Dichloropropene	8.200	75	88002	53.231	ug/l	97
54) cis-1,3-Dichloropropene	7.595	75	99530	53.780	ug/l	93
55) 1,1,2-Trichloroethane	8.389	97	69501	54.469	ug/l	95
56) Ethyl methacrylate	8.325	69	106304	51.646	ug/l	96
57) 1,3-Dichloropropane	8.563	76	115042	54.696	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.457	63	9230	431.843	ug/l #	89
59) 2-Hexanone	8.676	43	526778	304.121	ug/l	98
60) Dibromochloromethane	8.798	129	78292	54.772	ug/l	97
61) 1,2-Dibromoethane	8.914	107	67312	53.748	ug/l	98
64) Tetrachloroethene	8.544	164	57757	45.768	ug/l	96
65) Chlorobenzene	9.438	112	183526	52.036	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.521	131	62809	51.928	ug/l	97
67) Ethyl Benzene	9.560	91	310380	51.205	ug/l	98
68) m/p-Xylenes	9.682	106	235219	101.677	ug/l	93
69) o-Xylene	10.090	106	118805	50.513	ug/l	99
70) Styrene	10.106	104	197789	52.889	ug/l	99
71) Bromoform	10.280	173	52158	49.474	ug/l #	99
73) Isopropylbenzene	10.473	105	317910	48.948	ug/l	100
74) N-amyl acetate	10.312	43	153641	52.750	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.772	83	125246	52.389	ug/l	99
76) 1,2,3-Trichloropropane	10.814	75	128923	50.972	ug/l #	81
77) Bromobenzene	10.772	156	75913	47.683	ug/l	94
78) n-propylbenzene	10.894	91	371825	49.364	ug/l	100
79) 2-Chlorotoluene	10.975	91	227825	48.228	ug/l	98
80) 1,3,5-Trimethylbenzene	11.077	105	281363	49.529	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.534	75	22387	44.145	ug/l	88
82) 4-Chlorotoluene	11.087	91	270977	50.527	ug/l	99
83) tert-Butylbenzene	11.409	119	275087	50.495	ug/l	98
84) 1,2,4-Trimethylbenzene	11.457	105	274539	49.214	ug/l	99
85) sec-Butylbenzene	11.634	105	354711	49.343	ug/l	100
86) p-Isopropyltoluene	11.782	119	291602	50.000	ug/l	100
87) 1,3-Dichlorobenzene	11.737	146	148552	48.422	ug/l	99
88) 1,4-Dichlorobenzene	11.827	146	150665	48.169	ug/l	99
89) n-Butylbenzene	12.200	91	265023	49.099	ug/l	99
90) Hexachloroethane	12.466	117	46800	47.980	ug/l	96
91) 1,2-Dichlorobenzene	12.203	146	151396	50.607	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.987	75	34679	61.247	ug/l	98
93) 1,2,4-Trichlorobenzene	13.833	180	93382	48.742	ug/l	99
94) Hexachlorobutadiene	14.010	225	38289	46.753	ug/l	98
95) Naphthalene	14.077	128	316598	50.460	ug/l	99
96) 1,2,3-Trichlorobenzene	14.322	180	92939	49.363	ug/l	98

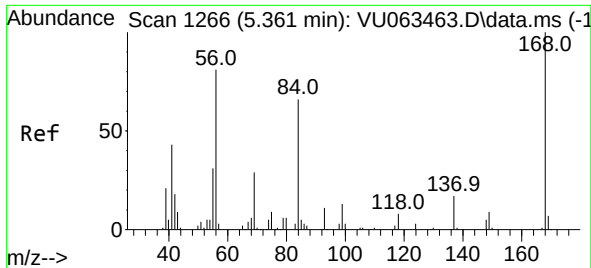
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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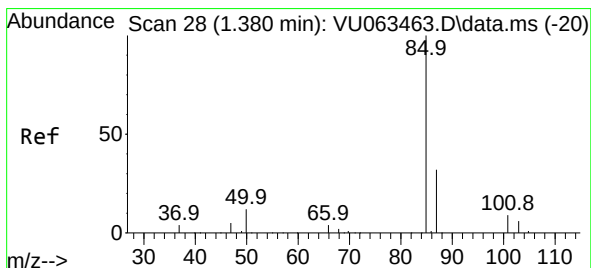
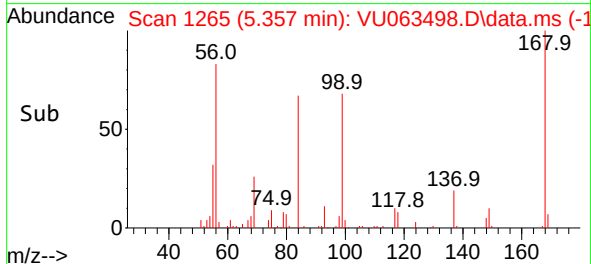
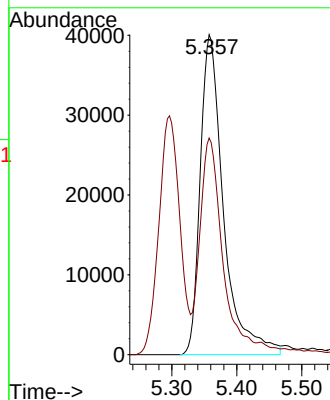
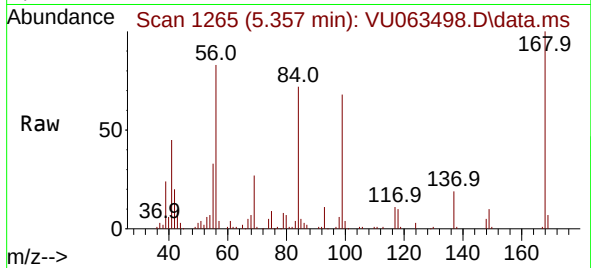
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU063498.D
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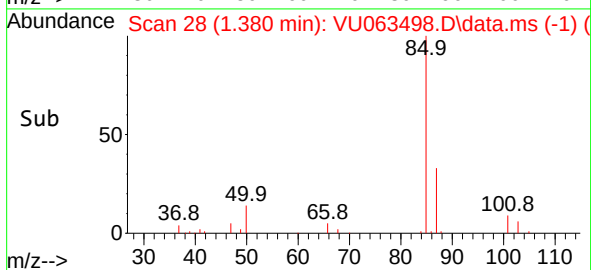
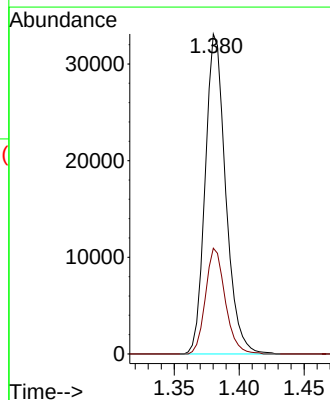
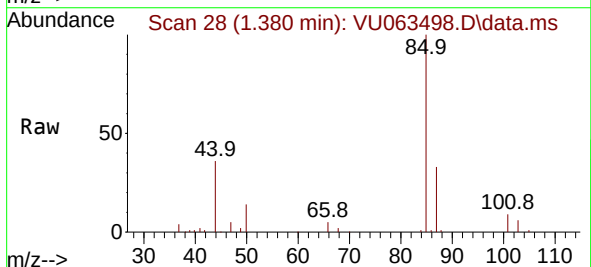
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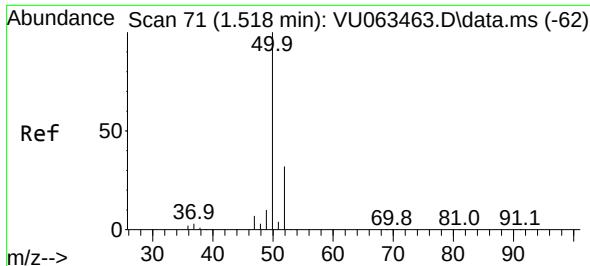
Tgt Ion:168 Resp: 99959
Ion Ratio Lower Upper
168 100
99 65.9 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 45.661 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 85 Resp: 36300
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2

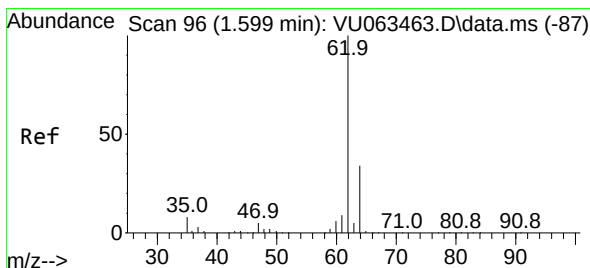
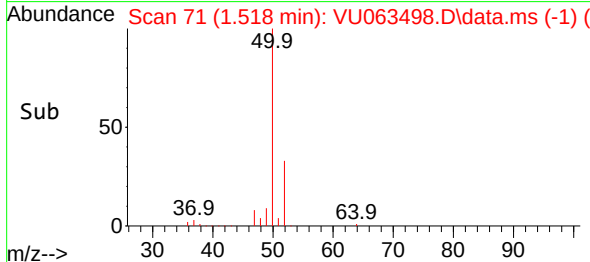
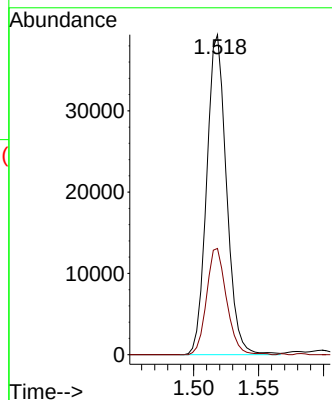
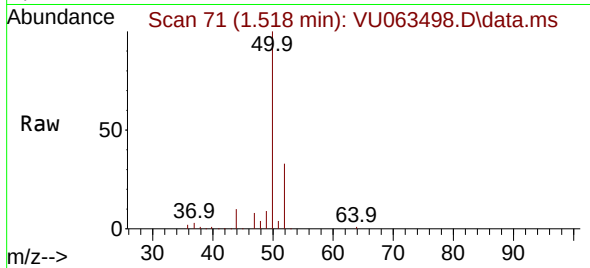




#3
Chloromethane
Concen: 43.130 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

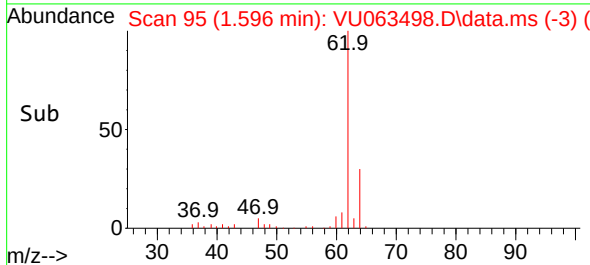
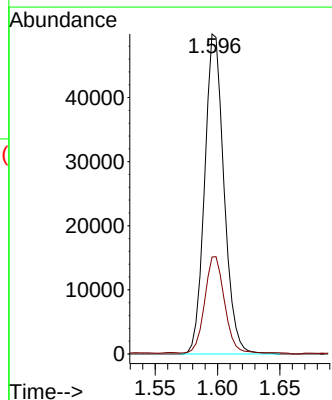
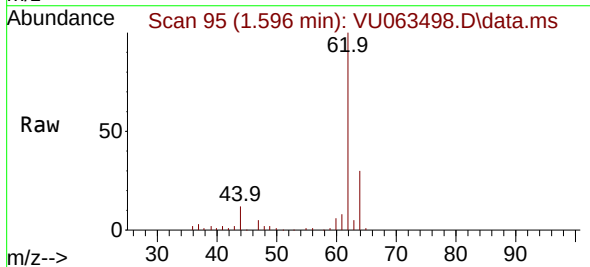
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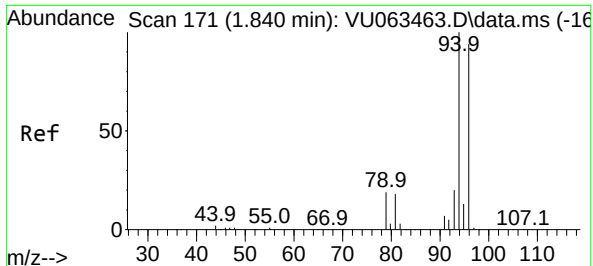
Tgt Ion: 50 Resp: 41763
Ion Ratio Lower Upper
50 100
52 33.2 25.8 38.8



#4
Vinyl Chloride
Concen: 50.294 ug/l
RT: 1.596 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 62 Resp: 54000
Ion Ratio Lower Upper
62 100
64 30.0 26.9 40.3

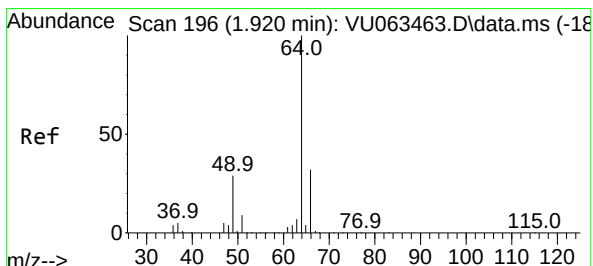
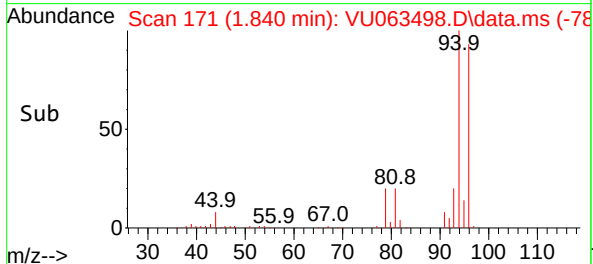
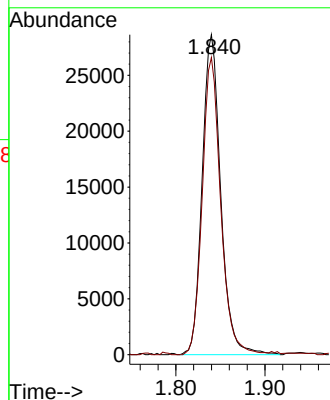
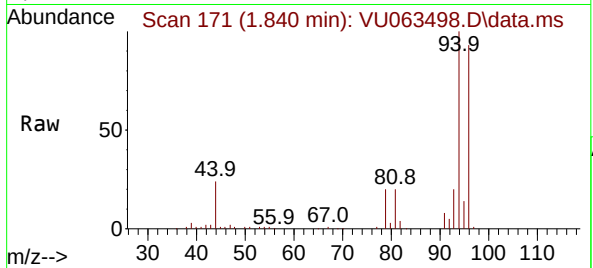




#5
Bromomethane
Concen: 55.136 ug/l
RT: 1.840 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

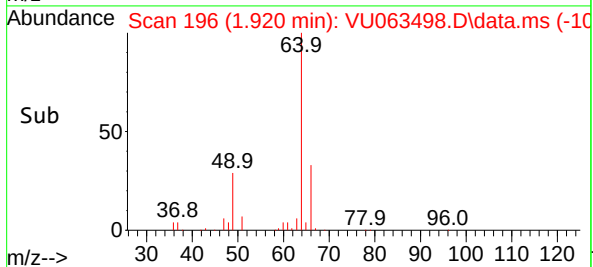
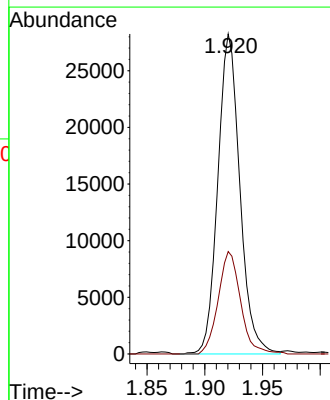
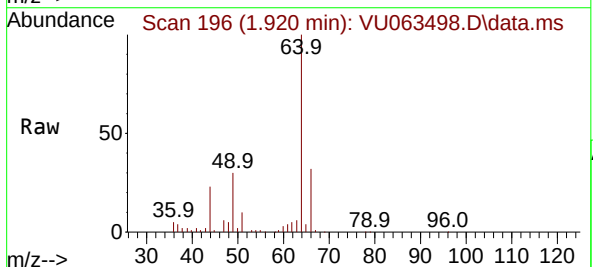
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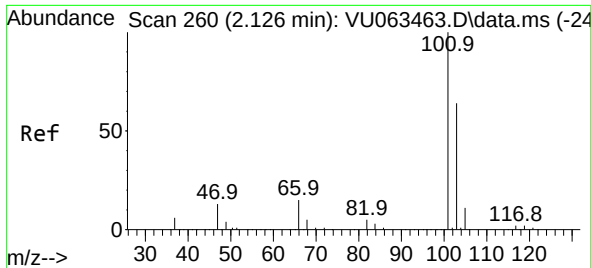
Tgt Ion: 94 Resp: 41476
Ion Ratio Lower Upper
94 100
96 92.8 75.5 113.3



#6
Chloroethane
Concen: 48.110 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 64 Resp: 37427
Ion Ratio Lower Upper
64 100
66 32.0 25.3 37.9

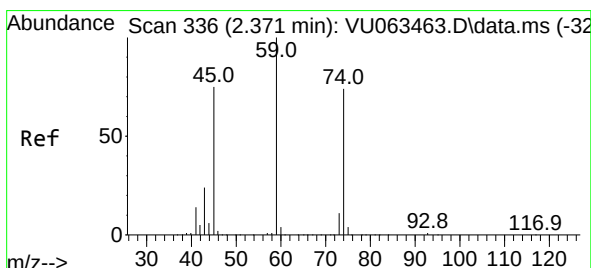
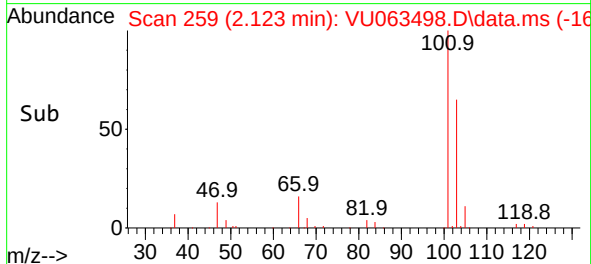
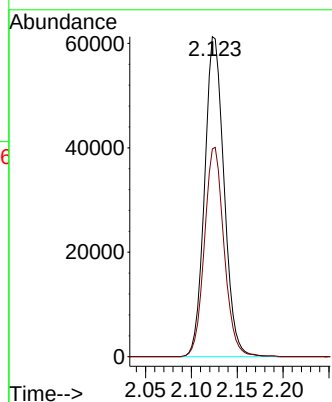
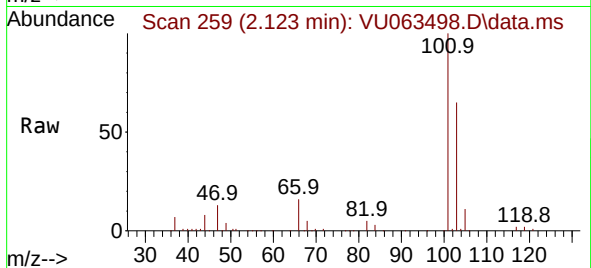




#7
 Trichlorofluoromethane
 Concen: 52.129 ug/l
 RT: 2.123 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU063498.D
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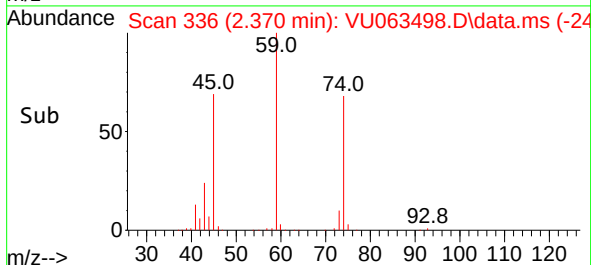
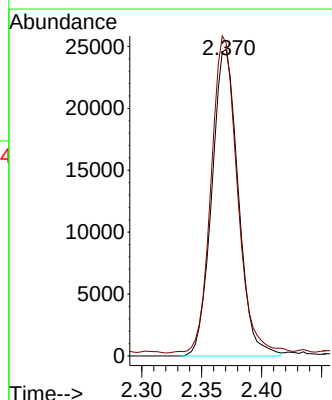
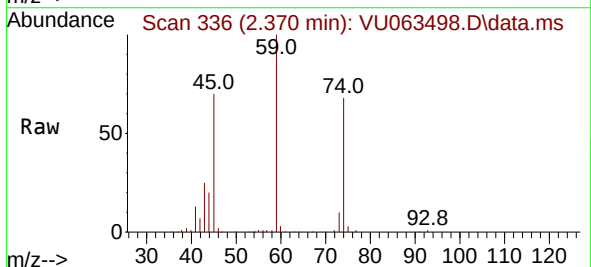
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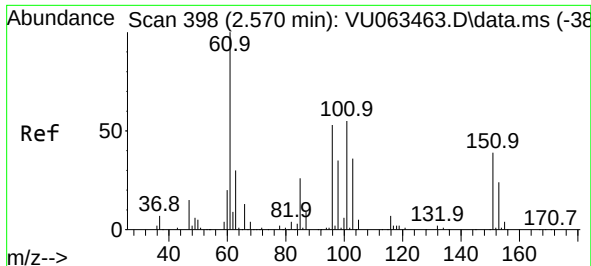
Tgt Ion:101 Resp: 90294
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.1 76.7



#8
 Diethyl Ether
 Concen: 52.514 ug/l
 RT: 2.370 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VU063498.D
 Acq: 11 Jul 2025 17:23

Tgt Ion: 74 Resp: 37908
 Ion Ratio Lower Upper
 74 100
 45 102.2 49.7 149.1

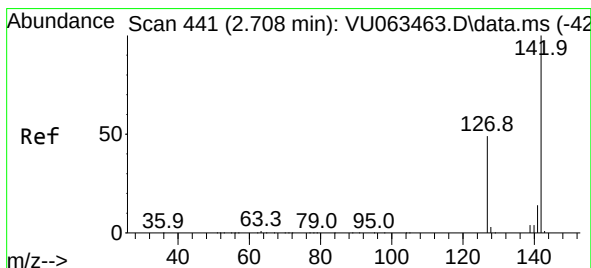
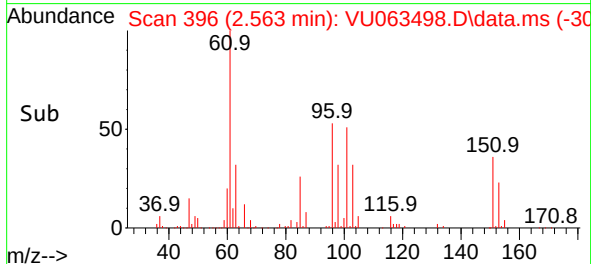
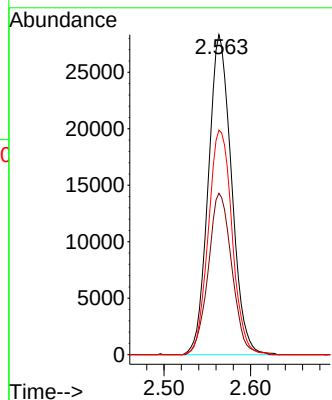
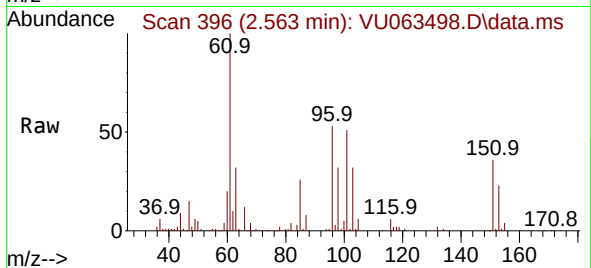




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.465 ug/l
RT: 2.563 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU063498.D
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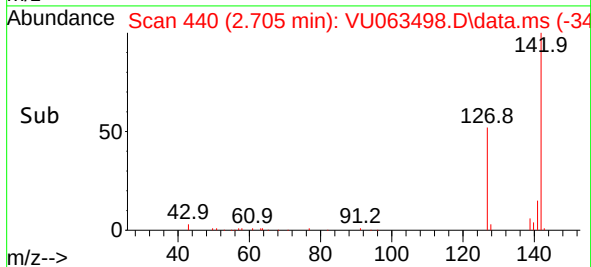
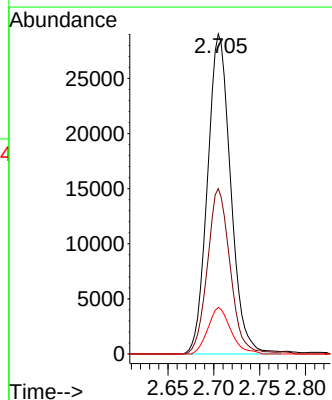
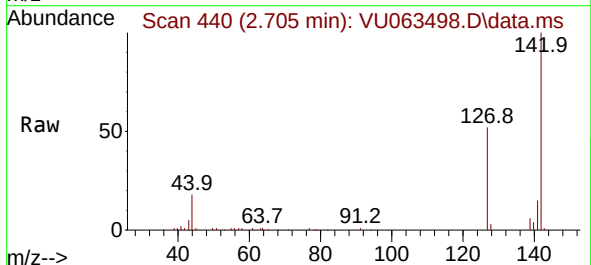
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ClientSampleId :
VSTDCCC050EC

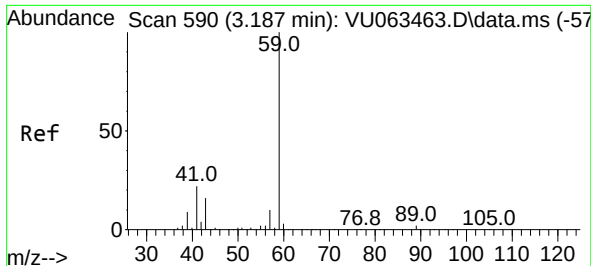
Tgt Ion:101 Resp: 52726
Ion Ratio Lower Upper
101 100
85 51.3 39.6 59.4
151 71.8 57.2 85.8



#10
Methyl Iodide
Concen: 47.812 ug/l
RT: 2.705 min Scan# 440
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion:142 Resp: 51165
Ion Ratio Lower Upper
142 100
127 50.5 38.2 57.4
141 14.3 11.1 16.7

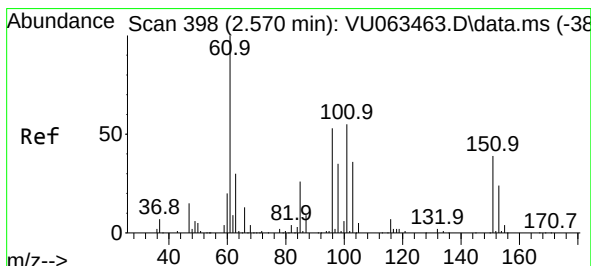
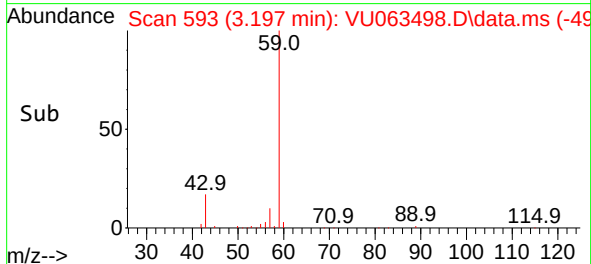
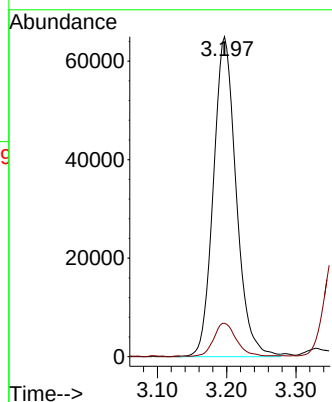
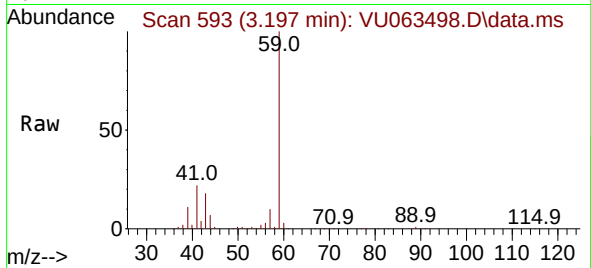




#11
Tert butyl alcohol
Concen: 347.198 ug/l
RT: 3.197 min Scan# 591
Delta R.T. 0.010 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

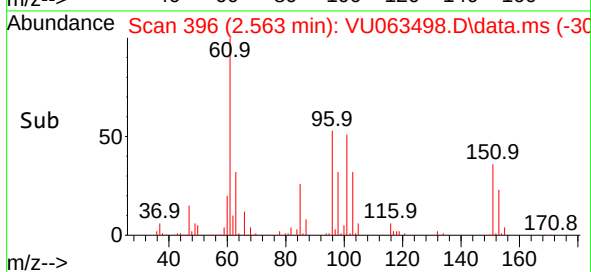
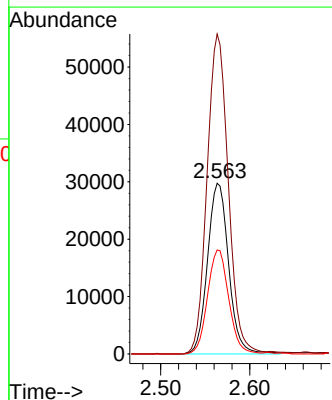
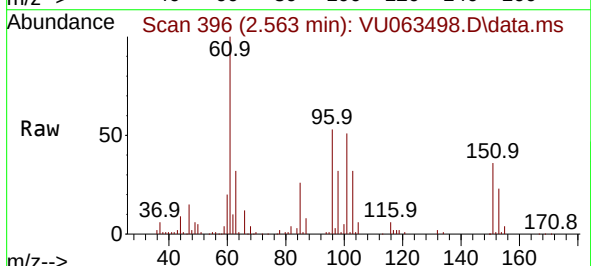
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

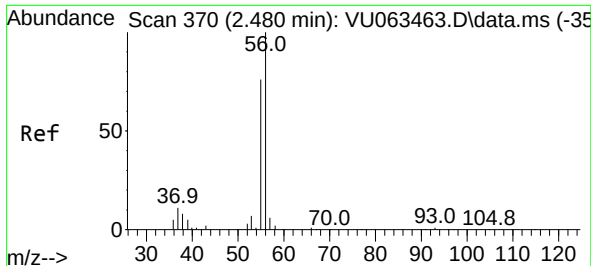
Tgt Ion: 59 Resp: 148465
Ion Ratio Lower Upper
59 100
57 10.1 8.8 13.2



#12
1,1-Dichloroethene
Concen: 51.355 ug/l
RT: 2.563 min Scan# 396
Delta R.T. -0.007 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 96 Resp: 48976
Ion Ratio Lower Upper
96 100
61 187.5 149.6 224.4
98 60.9 52.0 78.0

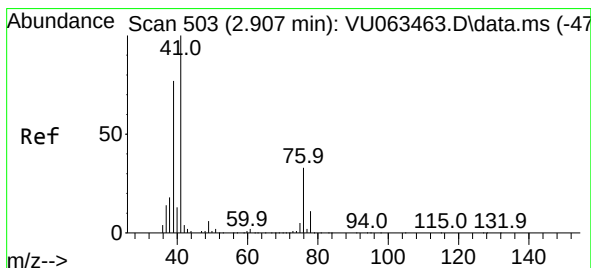
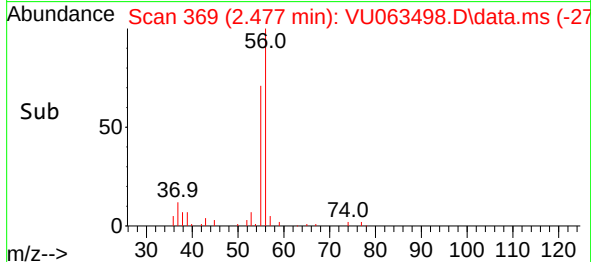
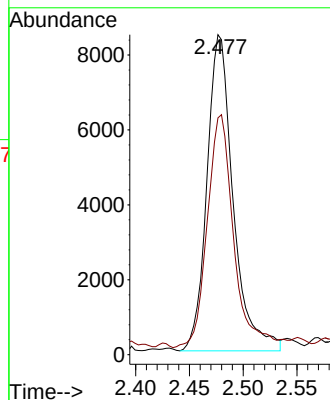
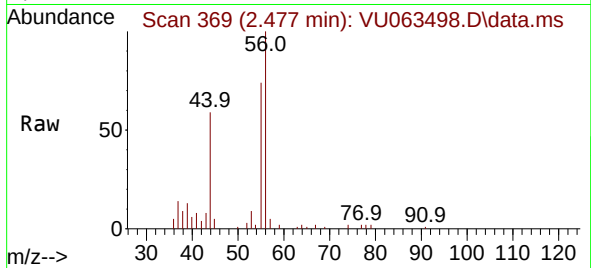




#13
Acrolein
Concen: 237.588 ug/l
RT: 2.477 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

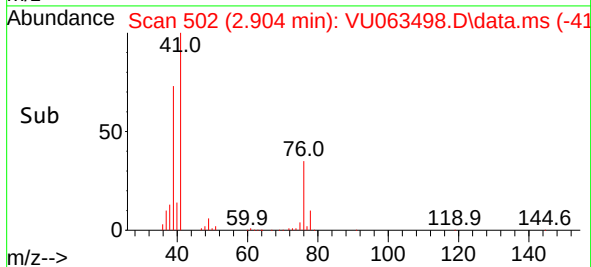
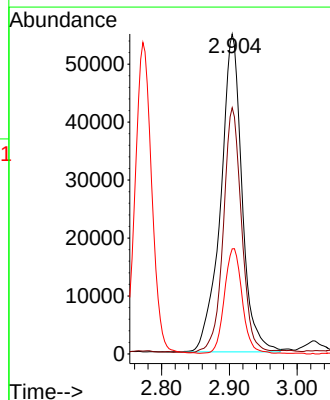
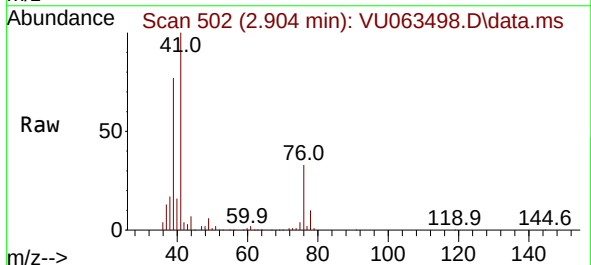
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

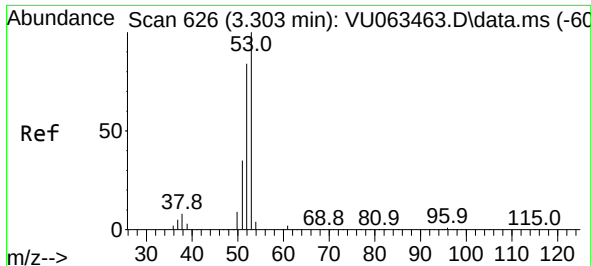
Tgt Ion: 56 Resp: 14340
Ion Ratio Lower Upper
56 100
55 73.5 60.2 90.2



#14
Allyl chloride
Concen: 52.876 ug/l
RT: 2.904 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 41 Resp: 120032
Ion Ratio Lower Upper
41 100
39 65.7 53.9 80.9
76 27.5 23.1 34.7

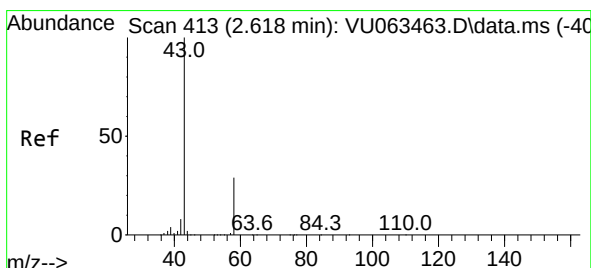
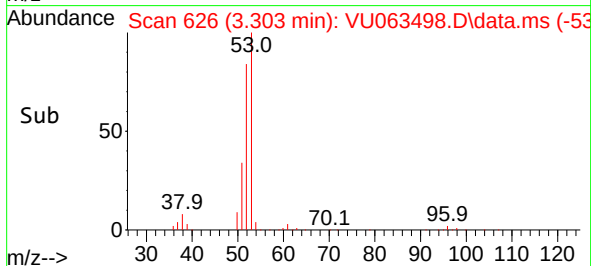
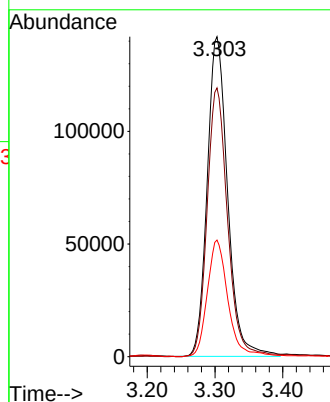
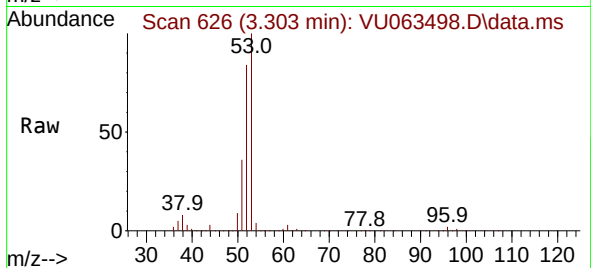




#15
Acrylonitrile
Concen: 324.240 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

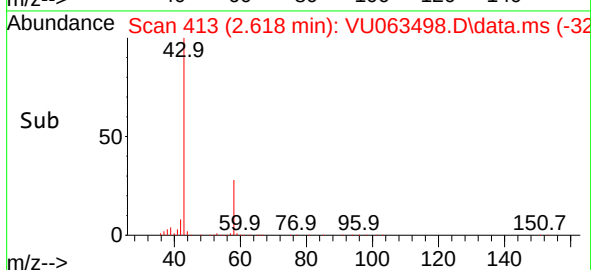
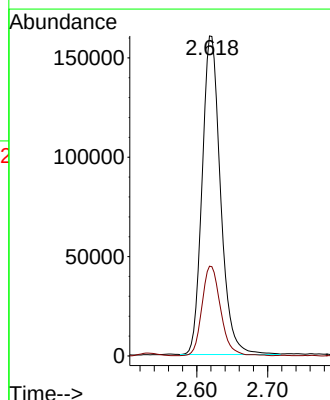
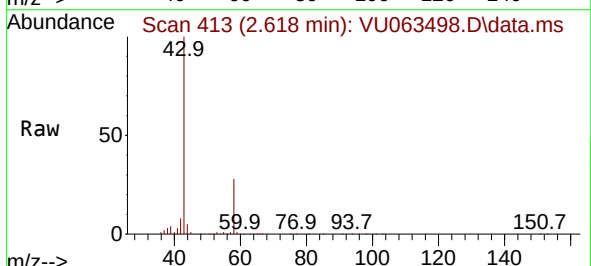
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

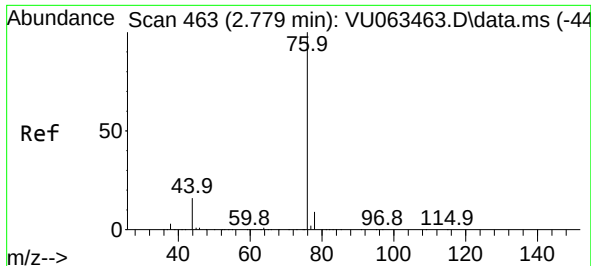
Tgt Ion: 53 Resp: 296984
Ion Ratio Lower Upper
53 100
52 84.6 65.0 97.4
51 37.2 28.8 43.2



#16
Acetone
Concen: 269.937 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 43 Resp: 288790
Ion Ratio Lower Upper
43 100
58 28.1 23.1 34.7

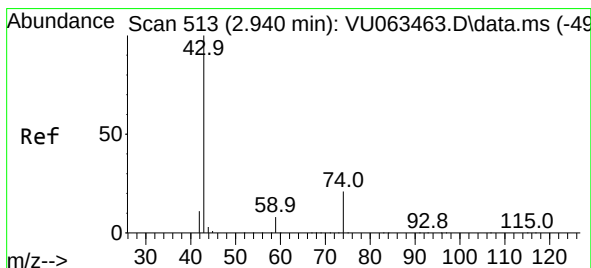
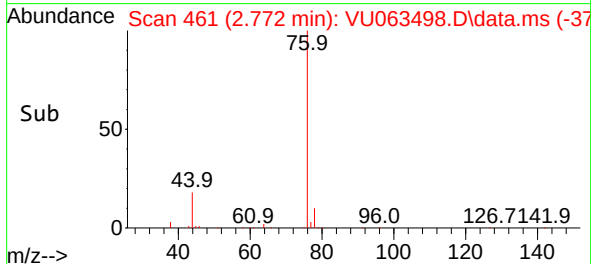
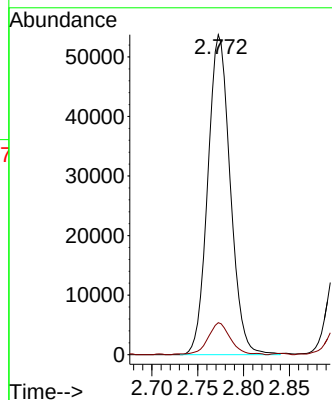
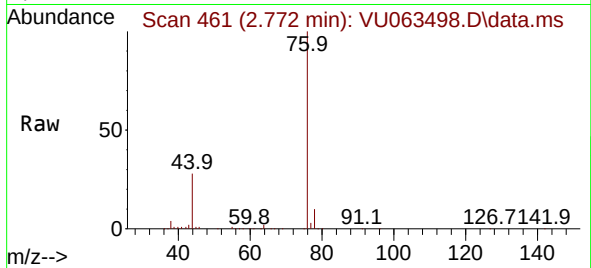




#17
Carbon Disulfide
Concen: 40.170 ug/l
RT: 2.772 min Scan# 461
Delta R.T. -0.007 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

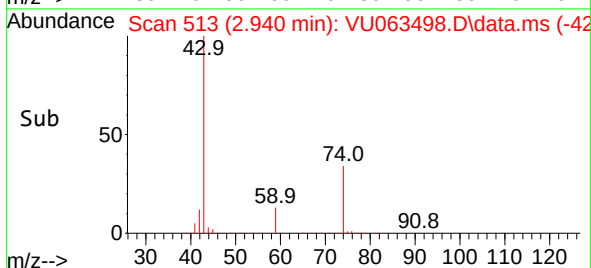
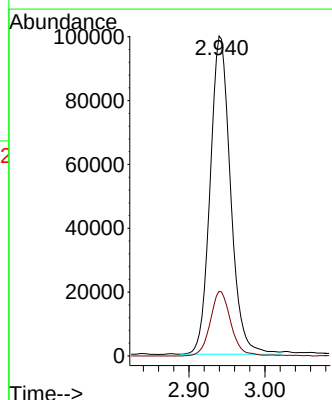
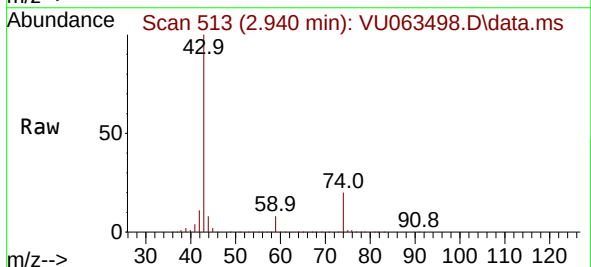
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

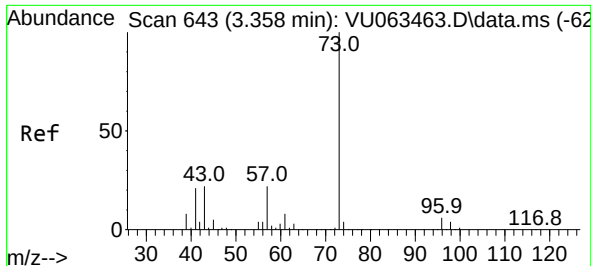
Tgt Ion: 76 Resp: 91577
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



#18
Methyl Acetate
Concen: 67.446 ug/l
RT: 2.940 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 43 Resp: 185695
Ion Ratio Lower Upper
43 100
74 20.5 17.3 25.9

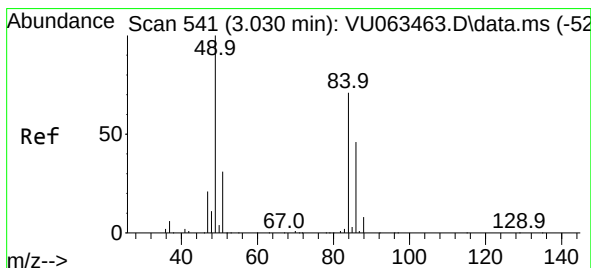
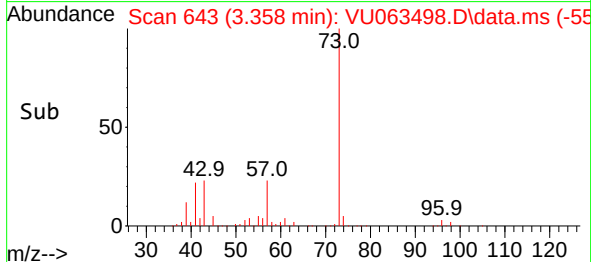
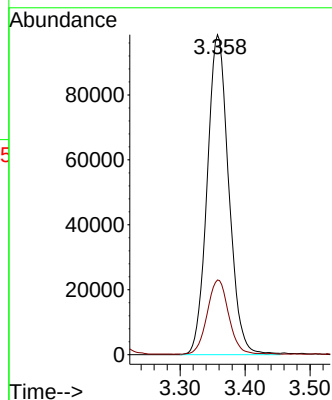
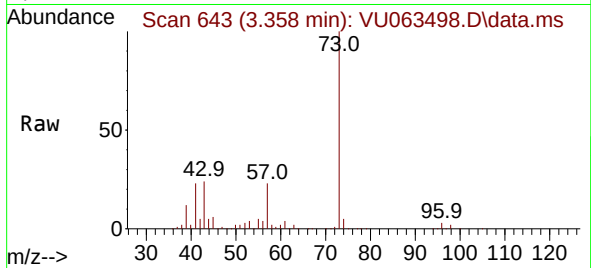




#19
Methyl tert-butyl Ether
Concen: 55.222 ug/l
RT: 3.358 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

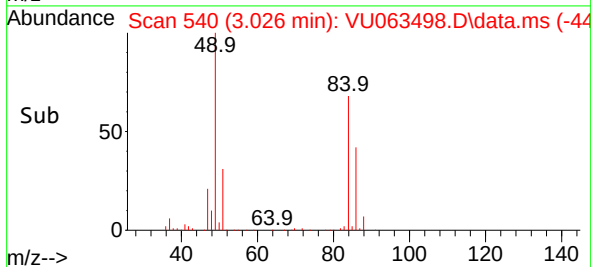
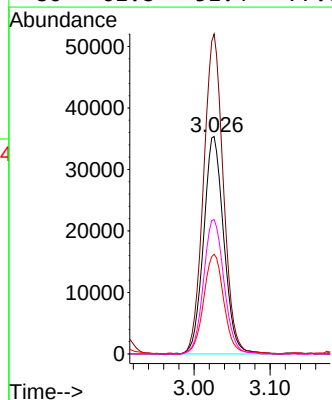
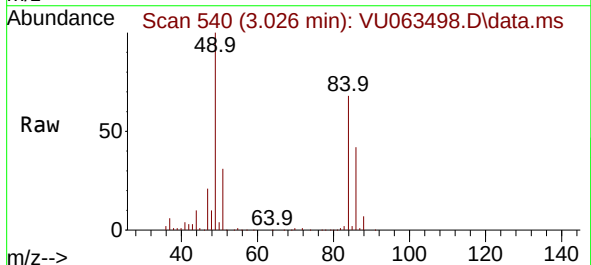
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

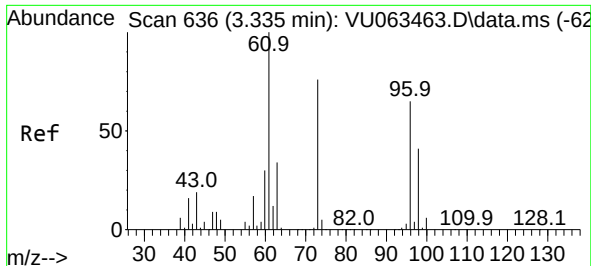
Tgt Ion: 73 Resp: 227127
Ion Ratio Lower Upper
73 100
57 23.2 17.8 26.6



#20
Methylene Chloride
Concen: 41.823 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.004 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 84 Resp: 65241
Ion Ratio Lower Upper
84 100
49 147.2 112.1 168.1
51 45.9 34.4 51.6
86 61.8 51.4 77.0

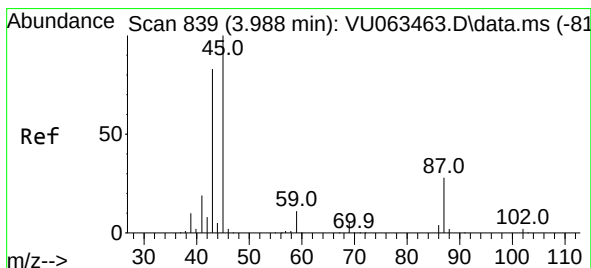
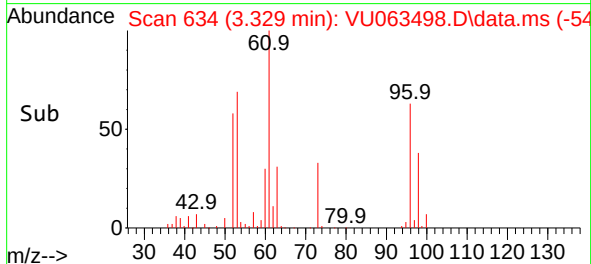
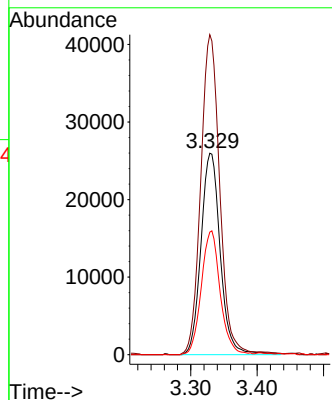
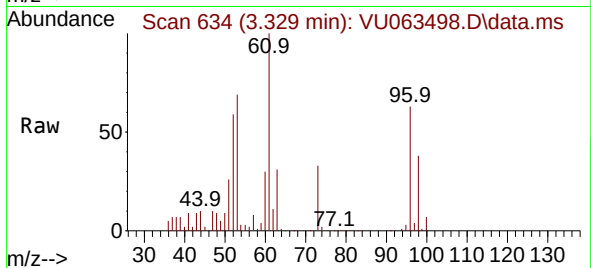




#21
trans-1,2-Dichloroethene
Concen: 51.295 ug/l
RT: 3.329 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

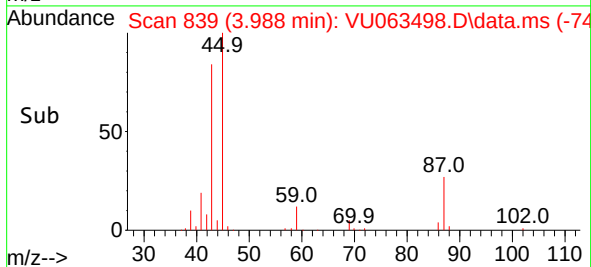
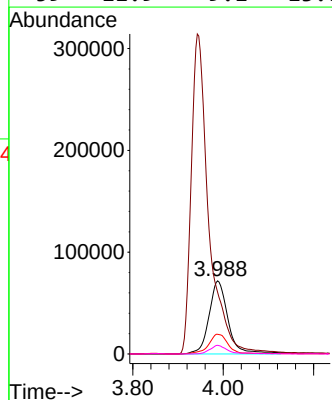
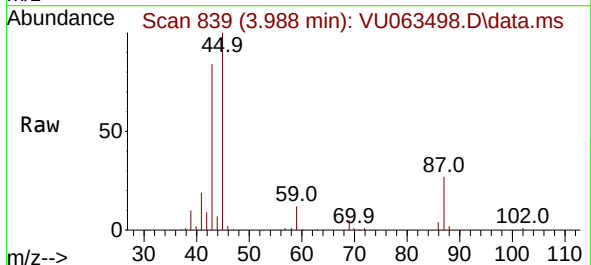
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

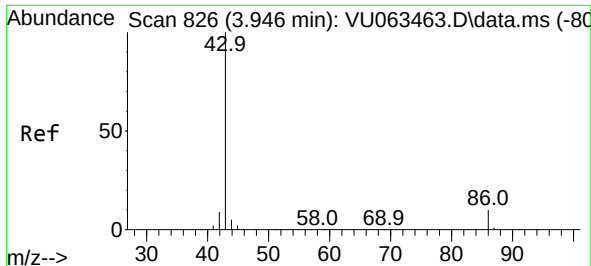
Tgt Ion: 96 Resp: 52557
Ion Ratio Lower Upper
96 100
61 158.9 122.2 183.4
98 60.8 49.9 74.9



#22
Diisopropyl ether
Concen: 54.112 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 45 Resp: 209159
Ion Ratio Lower Upper
45 100
43 83.7 66.5 99.7
87 27.0 22.6 33.8
59 11.9 9.1 13.7

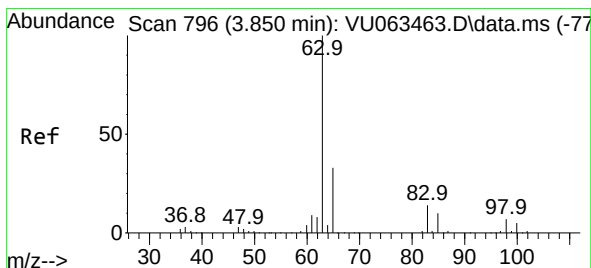
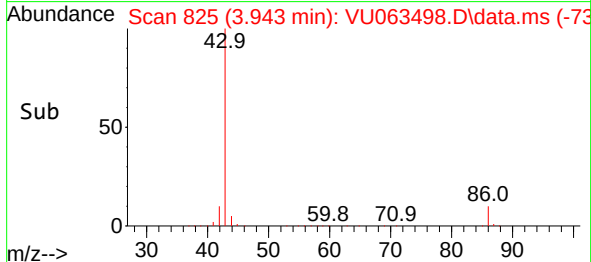
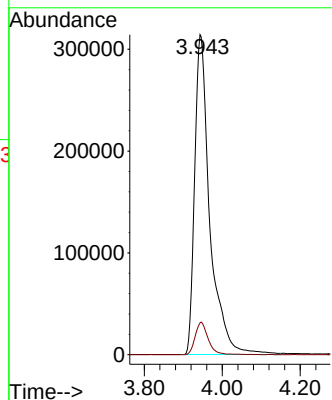
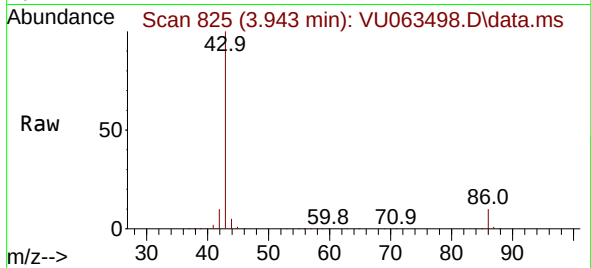




#23
 Vinyl Acetate
 Concen: 282.789 ug/l
 RT: 3.943 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU063498.D
 Acq: 11 Jul 2025 17:23

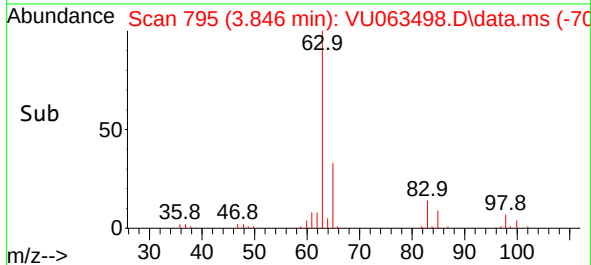
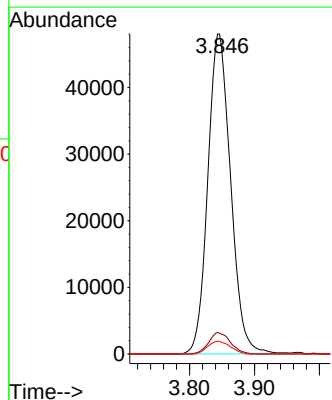
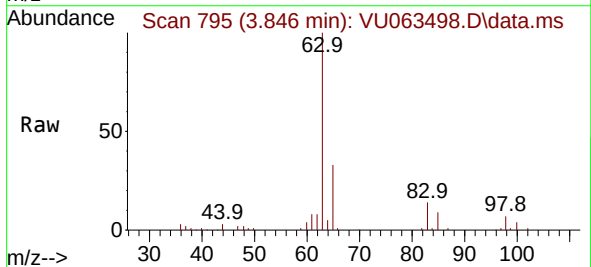
Instrument :
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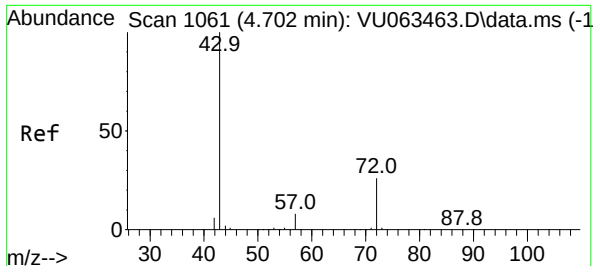
Tgt Ion: 43 Resp: 848144
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 53.431 ug/l
 RT: 3.846 min Scan# 795
 Delta R.T. -0.003 min
 Lab File: VU063498.D
 Acq: 11 Jul 2025 17:23

Tgt Ion: 63 Resp: 117209
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 3.9 2.3 6.8





#25

2-Butanone

Concen: 323.749 ug/l

RT: 4.705 min Scan# 1061

Delta R.T. 0.003 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

Instrument :

MSVOA_U

ClientSampleId :

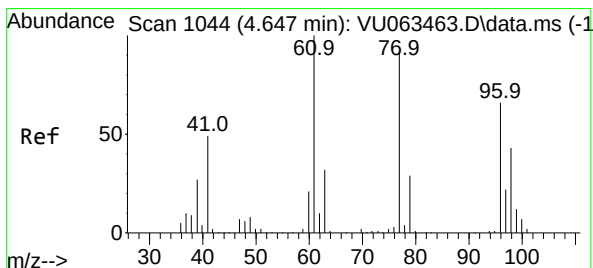
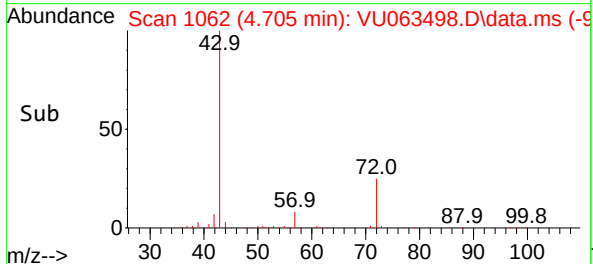
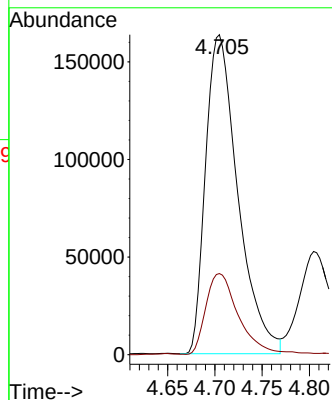
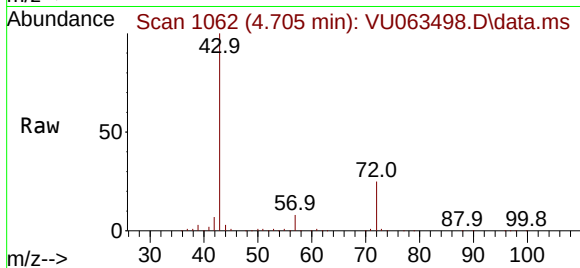
VSTDCCC050EC

Tgt Ion: 43 Resp: 388823

Ion Ratio Lower Upper

43 100

72 25.3 20.7 31.1



#26

2,2-Dichloropropane

Concen: 49.420 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.003 min

Lab File: VU063498.D

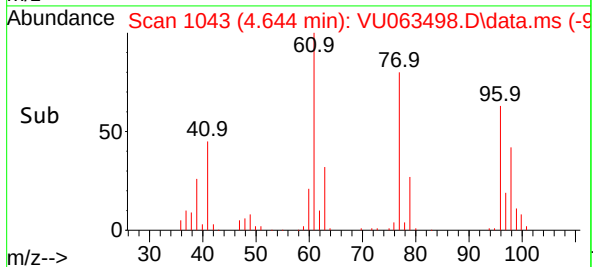
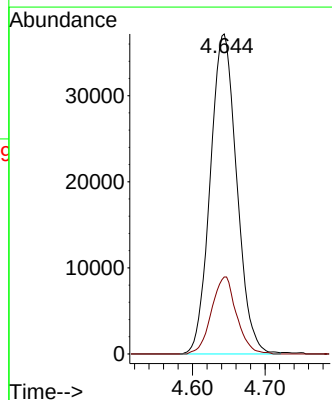
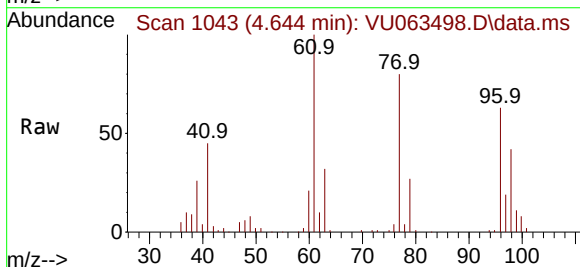
Acq: 11 Jul 2025 17:23

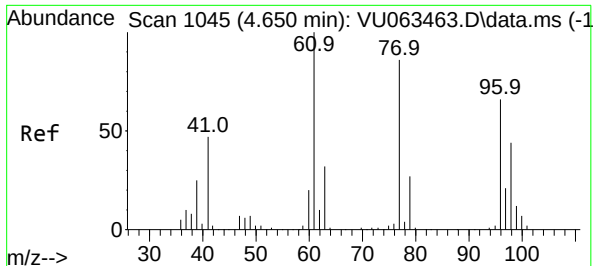
Tgt Ion: 77 Resp: 94319

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.3

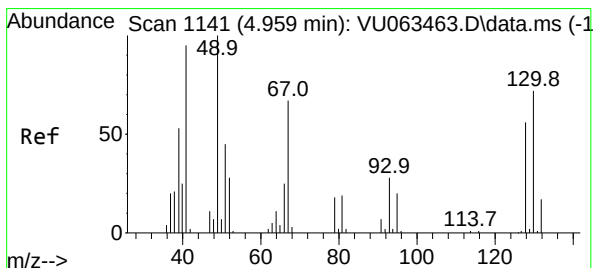
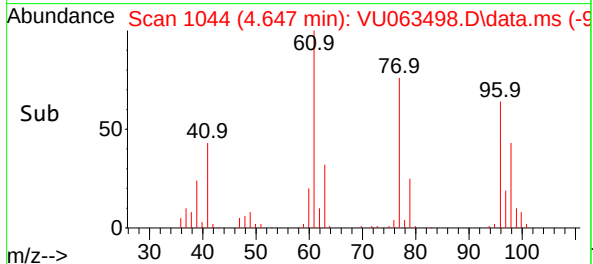
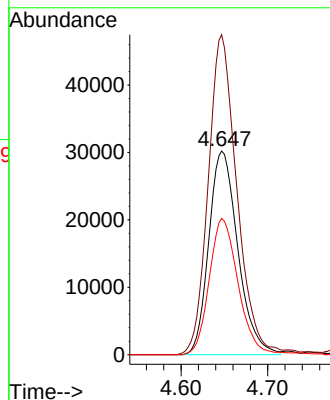
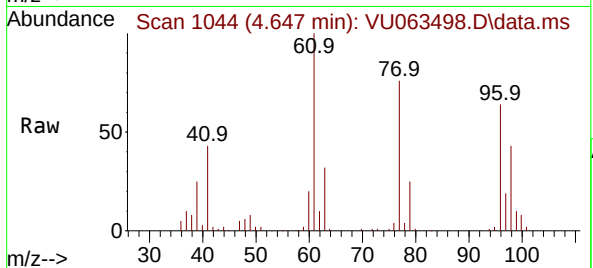




#27
 cis-1,2-Dichloroethene
 Concen: 52.101 ug/l
 RT: 4.647 min Scan# 1104
 Delta R.T. -0.003 min
 Lab File: VU063498.D
 Acq: 11 Jul 2025 17:23

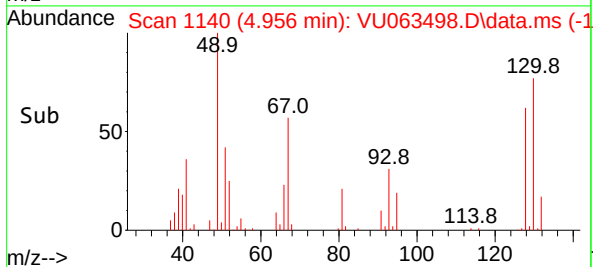
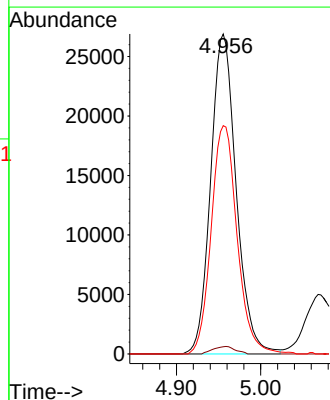
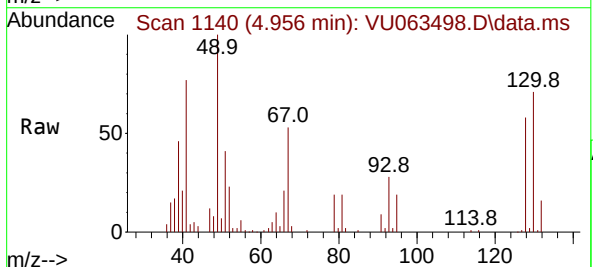
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

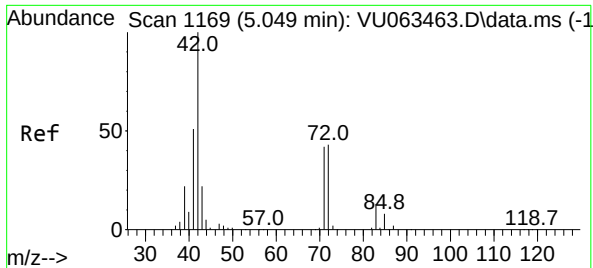
Tgt Ion:	96	Resp:	70462
Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	307.2
98	67.0	0.0	133.0



#28
 Bromochloromethane
 Concen: 55.000 ug/l
 RT: 4.956 min Scan# 1140
 Delta R.T. -0.003 min
 Lab File: VU063498.D
 Acq: 11 Jul 2025 17:23

Tgt Ion:	49	Resp:	56675
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	72.4	59.0	88.4

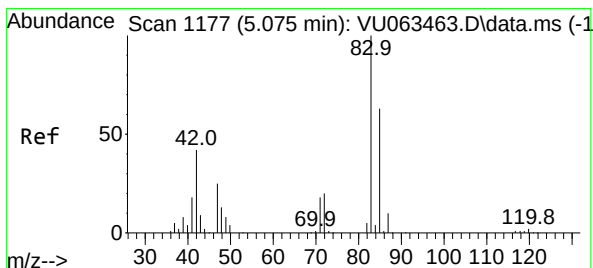
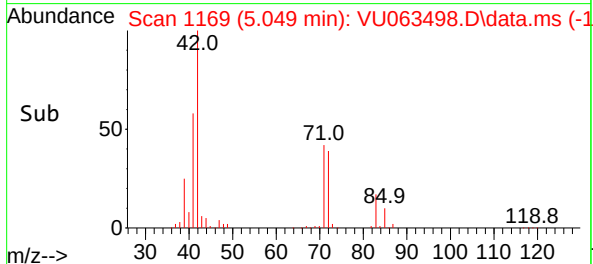
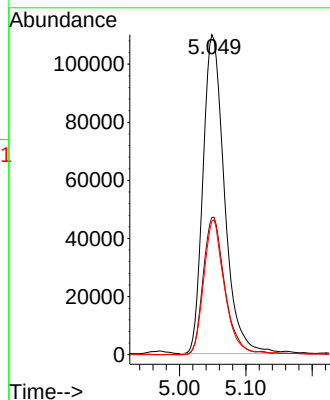
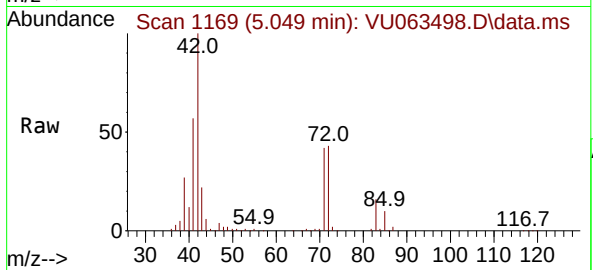




#29
Tetrahydrofuran
Concen: 326.201 ug/l
RT: 5.049 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

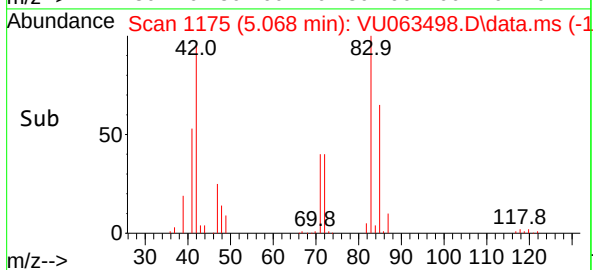
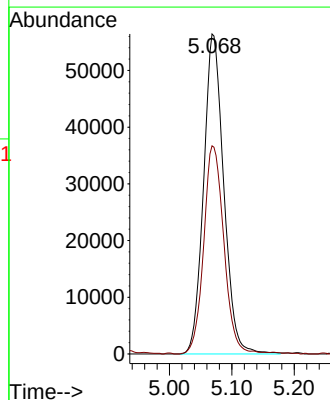
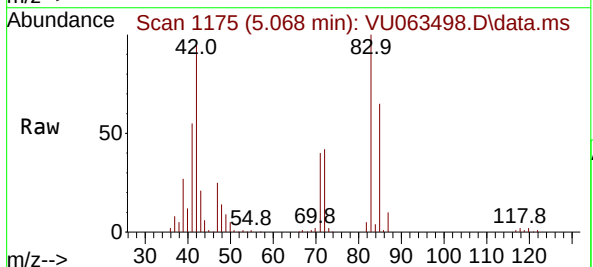
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

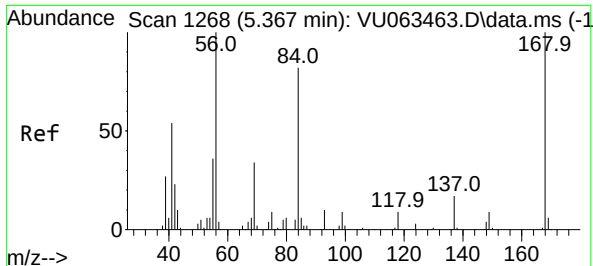
Tgt Ion: 42 Resp: 247133
Ion Ratio Lower Upper
42 100
72 43.1 36.2 54.4
71 41.3 33.3 49.9



#30
Chloroform
Concen: 54.779 ug/l
RT: 5.068 min Scan# 1175
Delta R.T. -0.007 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 83 Resp: 126869
Ion Ratio Lower Upper
83 100
85 65.1 50.7 76.1

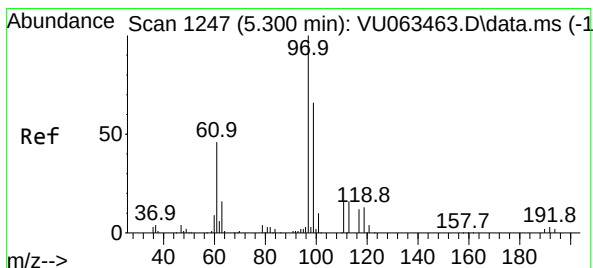
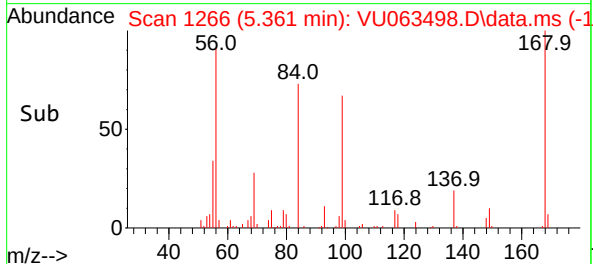
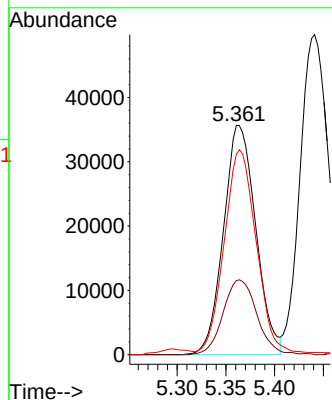
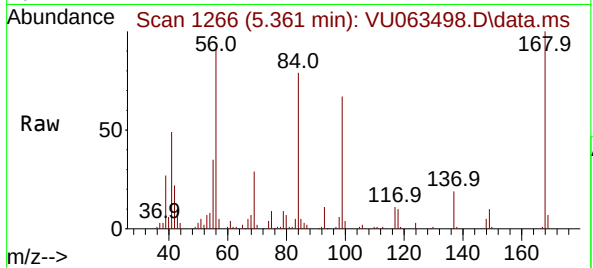




#31
Cyclohexane
Concen: 46.704 ug/l
RT: 5.361 min Scan# 1268
Delta R.T. -0.007 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

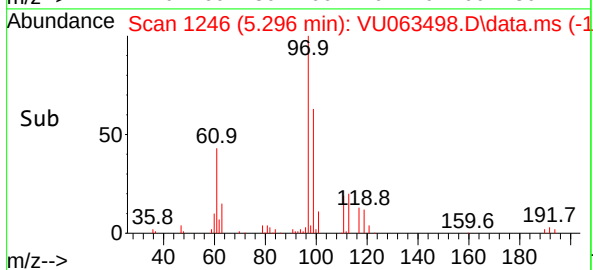
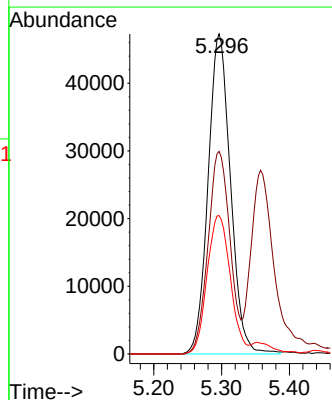
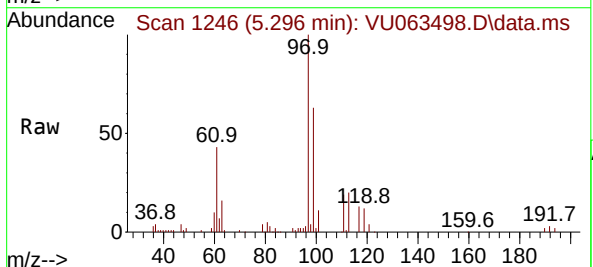
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

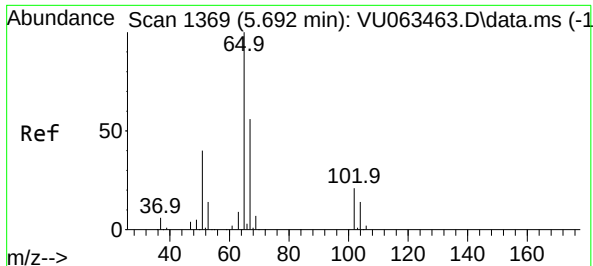
Tgt Ion: 56 Resp: 82362
Ion Ratio Lower Upper
56 100
69 32.3 27.0 40.4
84 85.4 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 55.031 ug/l
RT: 5.296 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 97 Resp: 108523
Ion Ratio Lower Upper
97 100
99 62.0 50.4 75.6
61 44.8 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 53.146 ug/l

RT: 5.689 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

Instrument :

MSVOA_U

ClientSampleId :

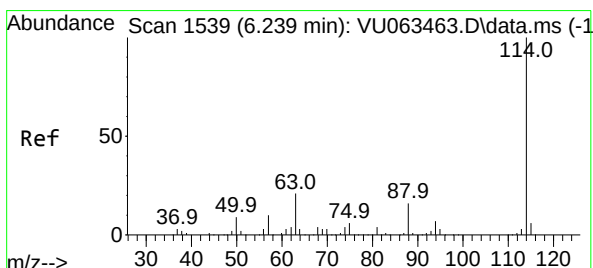
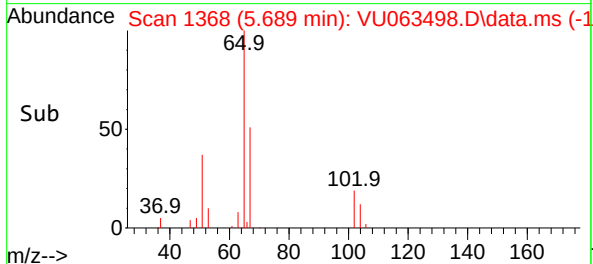
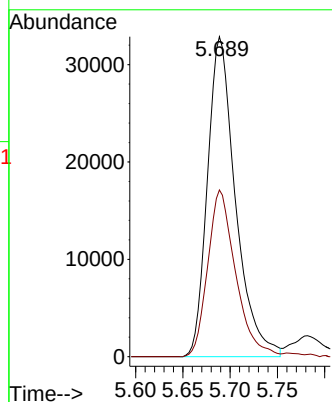
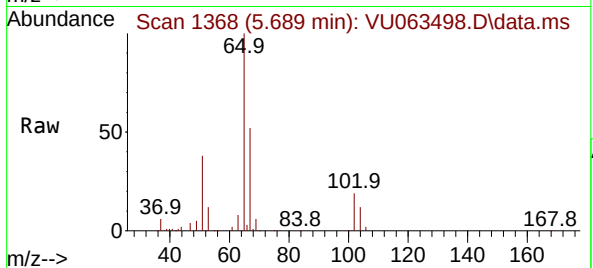
VSTDCCC050EC

Tgt Ion: 65 Resp: 67780

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.235 min Scan# 1538

Delta R.T. -0.003 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

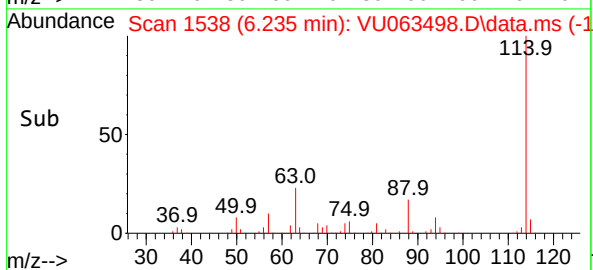
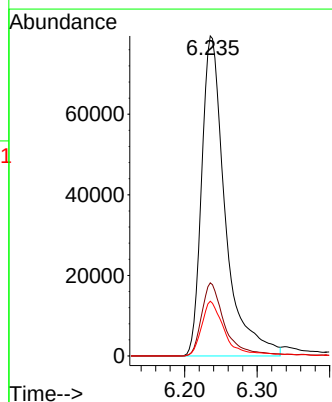
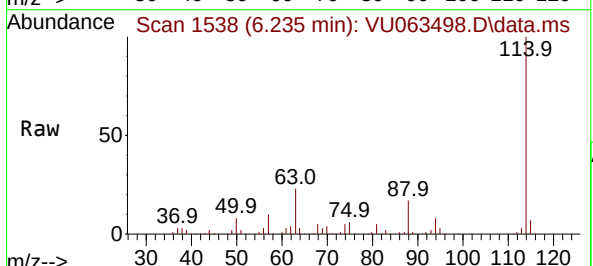
Tgt Ion: 114 Resp: 179582

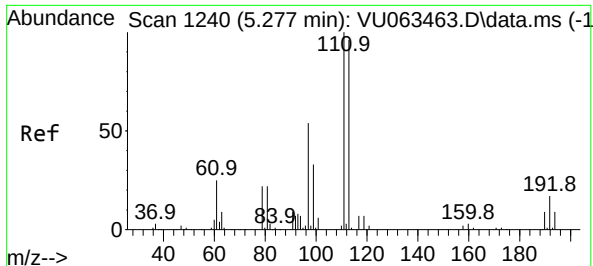
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.6

88 17.1 0.0 32.0

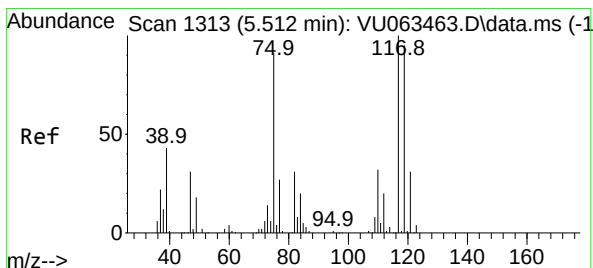
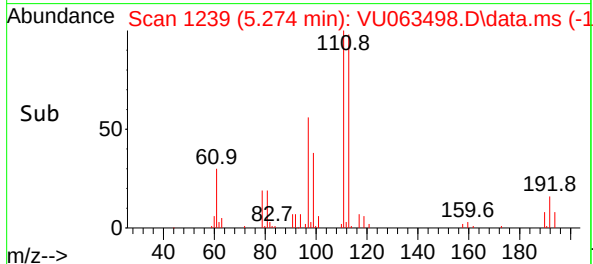
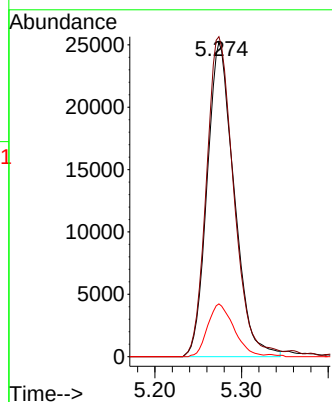
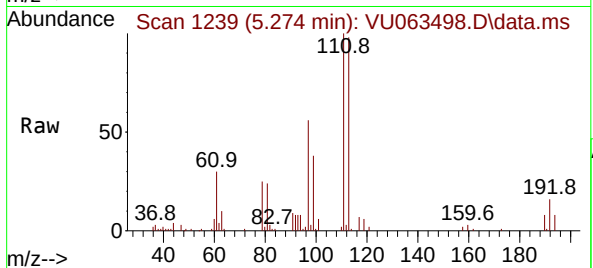




#35
Dibromofluoromethane
Concen: 50.364 ug/l
RT: 5.274 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

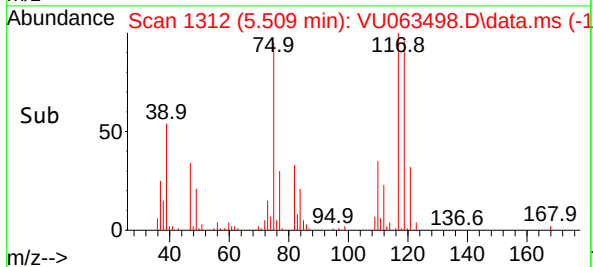
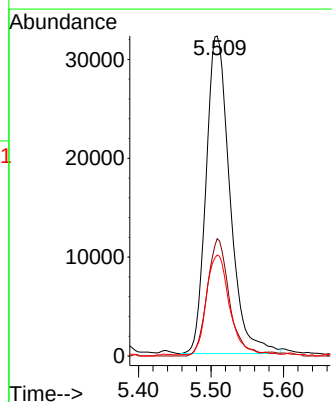
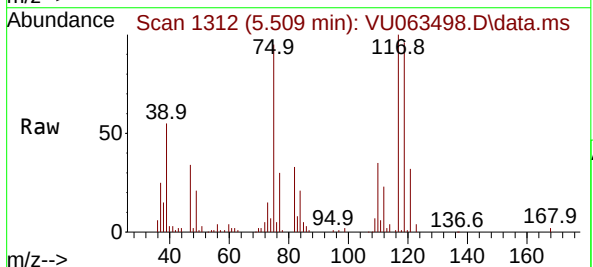
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

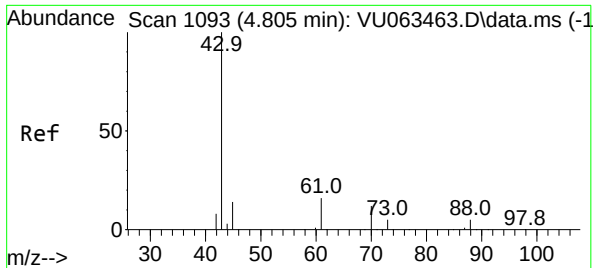
Tgt Ion:113 Resp: 54518
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 16.4 14.3 21.5



#36
1,1-Dichloropropene
Concen: 49.950 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 75 Resp: 73470
Ion Ratio Lower Upper
75 100
110 34.2 17.3 52.0
77 30.1 23.9 35.9

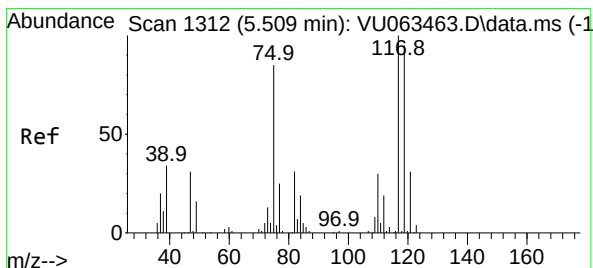
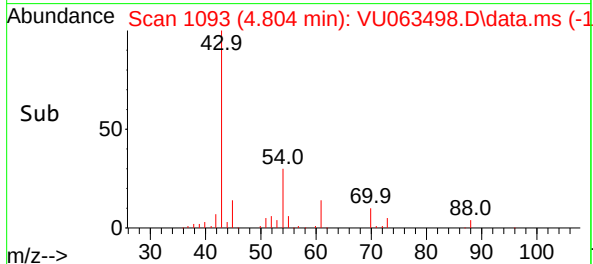
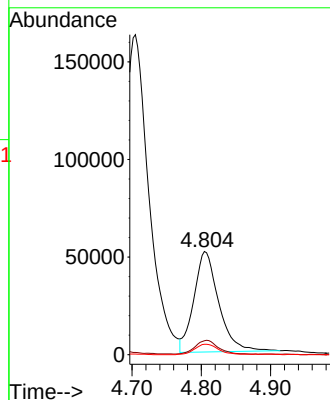
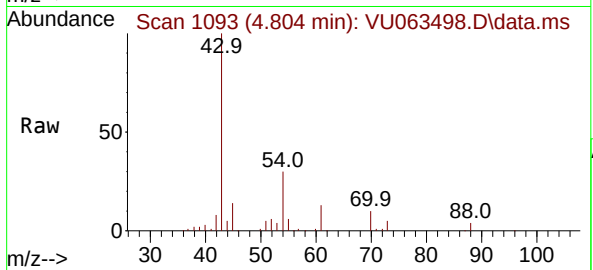




#37
Ethyl Acetate
Concen: 53.832 ug/l
RT: 4.804 min Scan# 110
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

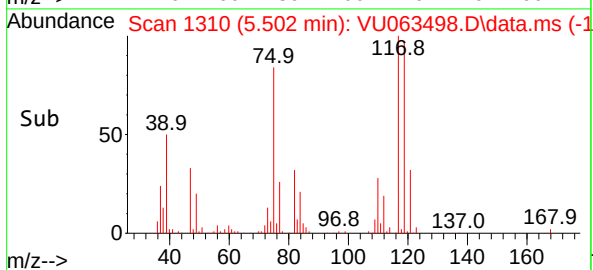
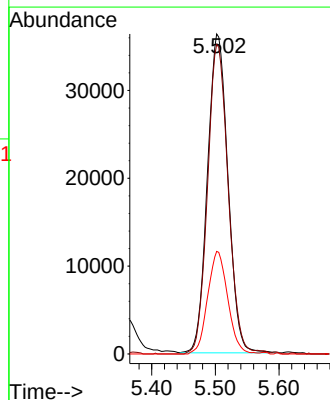
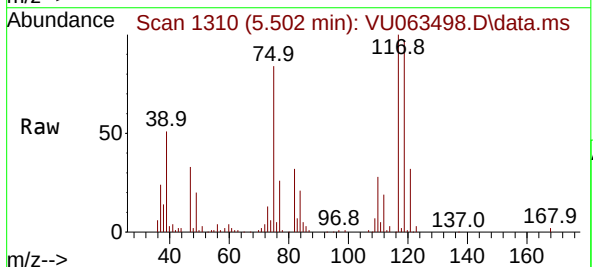
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

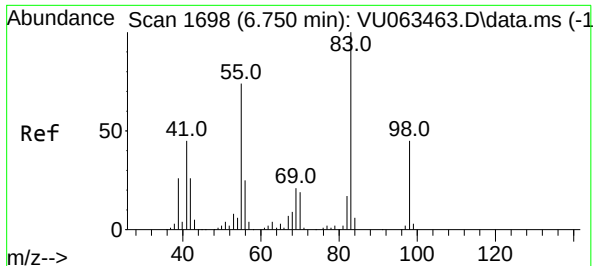
Tgt Ion: 43 Resp: 128232
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 50.122 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. -0.007 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 117 Resp: 81230
Ion Ratio Lower Upper
117 100
119 97.0 76.1 114.1
121 32.2 25.0 37.4





#39

Methylcyclohexane

Concen: 45.244 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

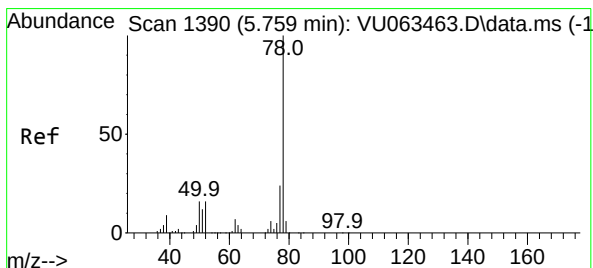
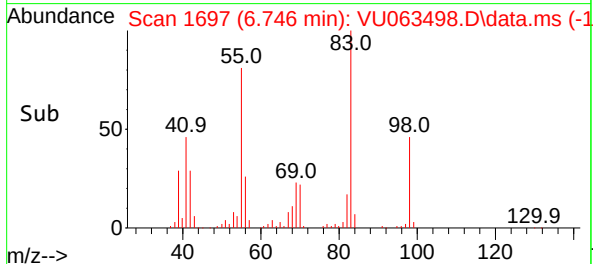
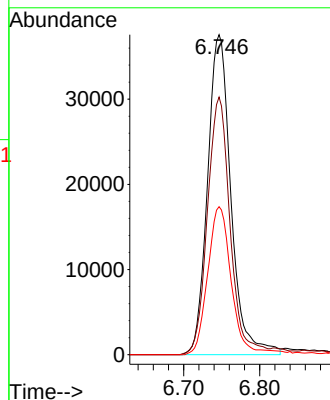
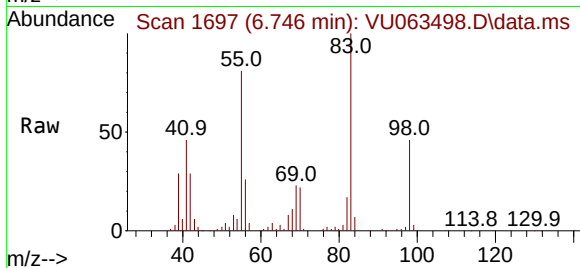
Tgt Ion: 83 Resp: 80410

Ion Ratio Lower Upper

83 100

55 80.5 59.4 89.2

98 46.2 36.2 54.4



#40

Benzene

Concen: 52.372 ug/l

RT: 5.756 min Scan# 1389

Delta R.T. -0.003 min

Lab File: VU063498.D

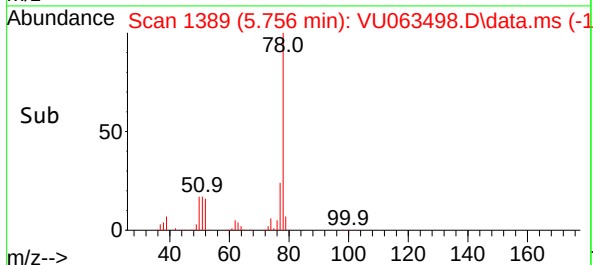
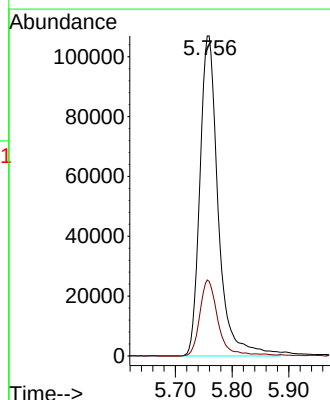
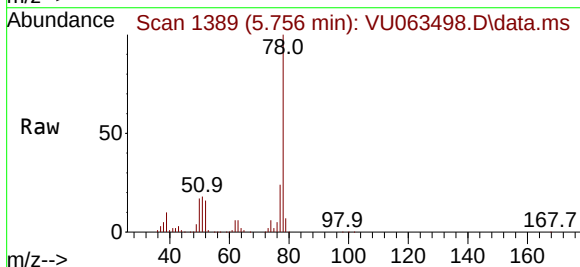
Acq: 11 Jul 2025 17:23

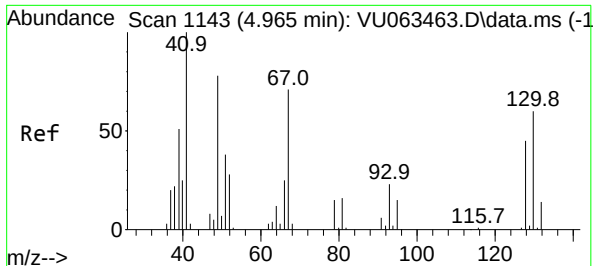
Tgt Ion: 78 Resp: 240575

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4



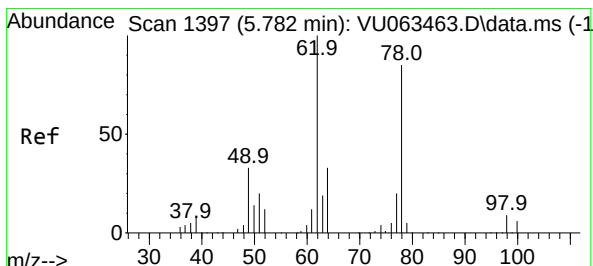
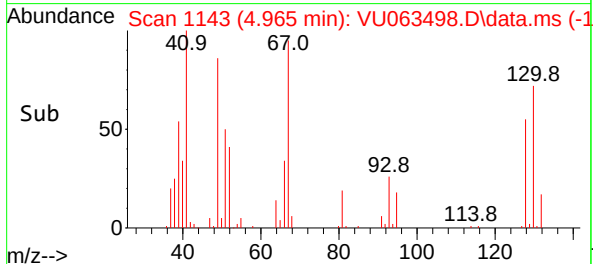
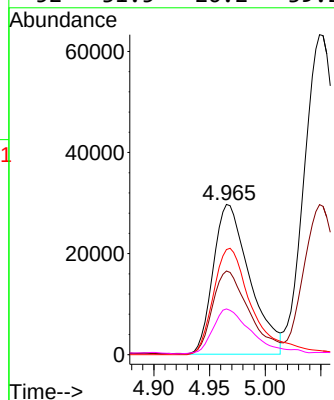
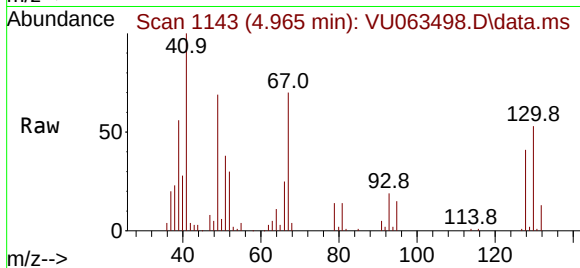


#41
Methacrylonitrile
Concen: 60.188 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 67652

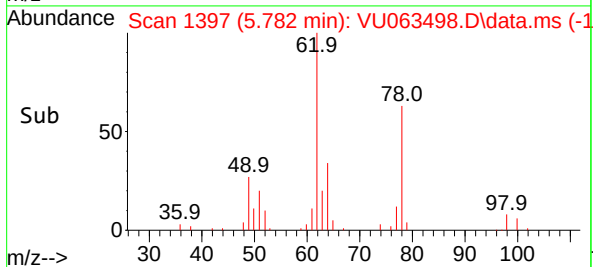
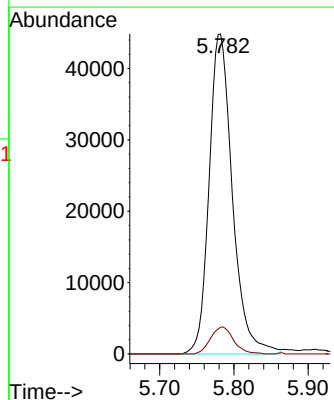
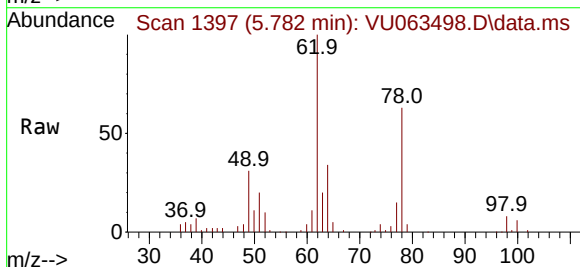
Ion	Ratio	Lower	Upper
41	100		
39	55.5	43.6	65.4
67	76.6	62.8	94.2
52	31.5	26.2	39.2

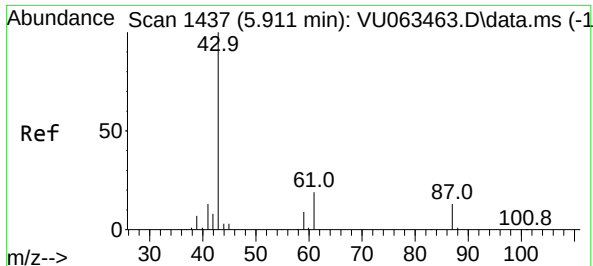


#42
1,2-Dichloroethane
Concen: 56.611 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 62 Resp: 97782

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.6

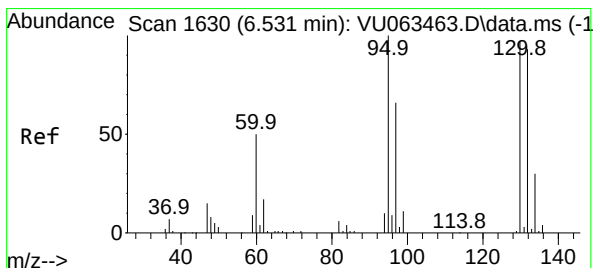
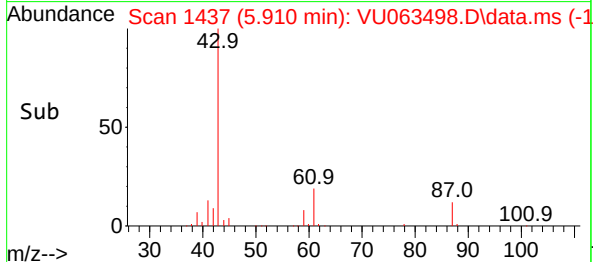
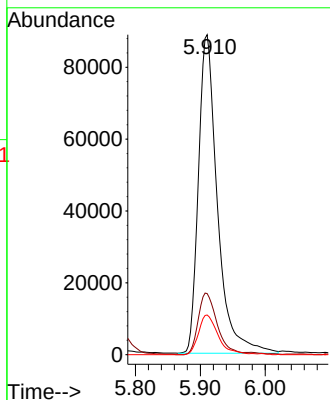
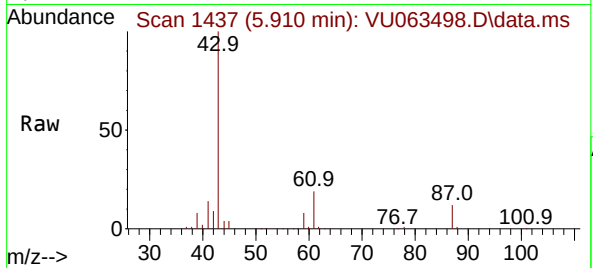




#43
Isopropyl Acetate
Concen: 57.155 ug/l
RT: 5.910 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

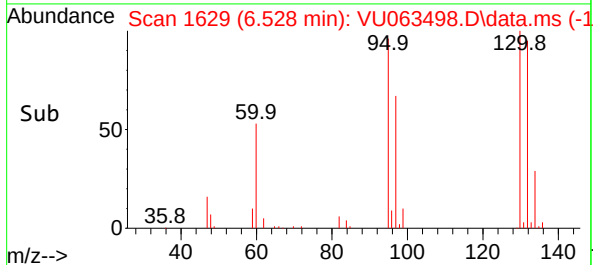
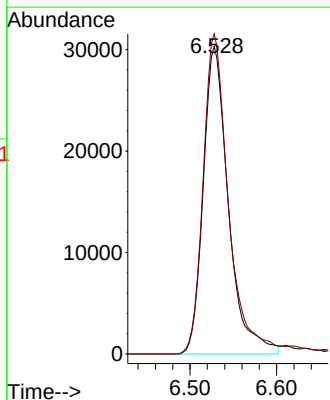
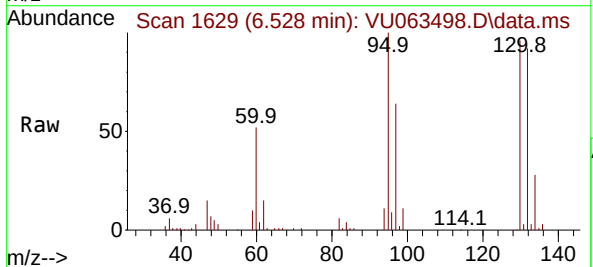
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

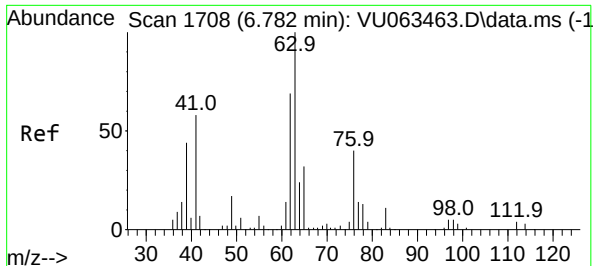
Tgt Ion: 43 Resp: 180840
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.2
87 12.8 10.5 15.7



#44
Trichloroethene
Concen: 49.758 ug/l
RT: 6.528 min Scan# 1629
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion:130 Resp: 61167
Ion Ratio Lower Upper
130 100
95 104.0 0.0 206.4





#45

1,2-Dichloropropane

Concen: 54.713 ug/l

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

Instrument :

MSVOA_U

ClientSampleId :

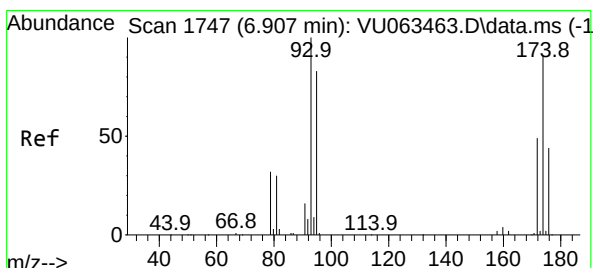
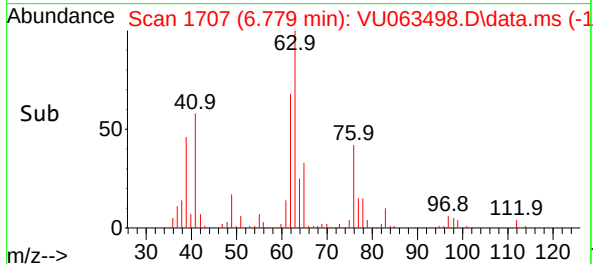
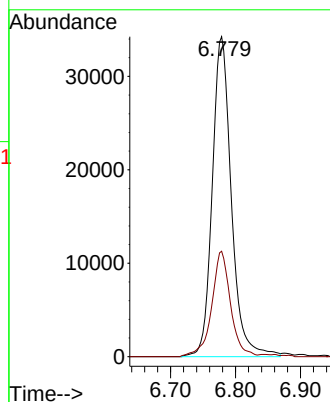
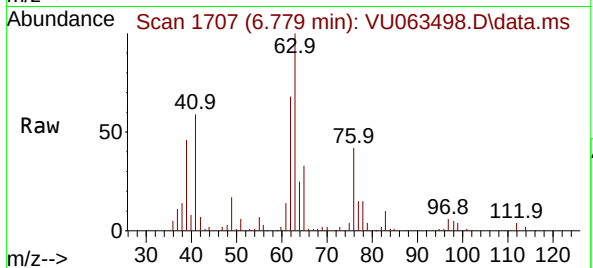
VSTDCCC050EC

Tgt Ion: 63 Resp: 69867

Ion Ratio Lower Upper

63 100

65 33.0 25.3 37.9



#46

Dibromomethane

Concen: 56.357 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. -0.003 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

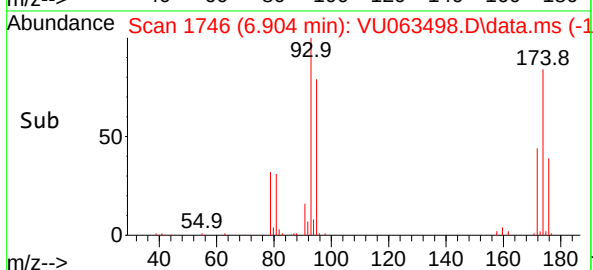
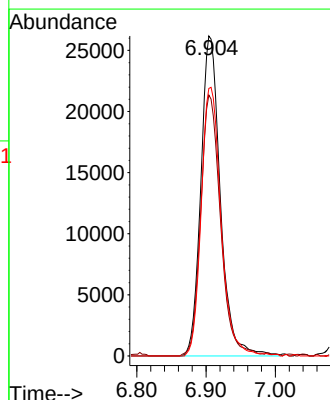
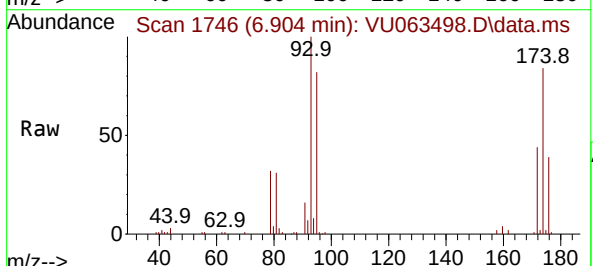
Tgt Ion: 93 Resp: 51204

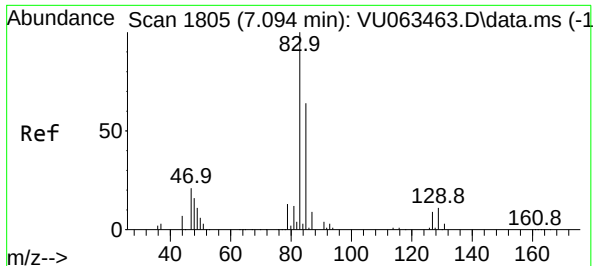
Ion Ratio Lower Upper

93 100

95 82.8 67.5 101.3

174 84.9 73.1 109.7

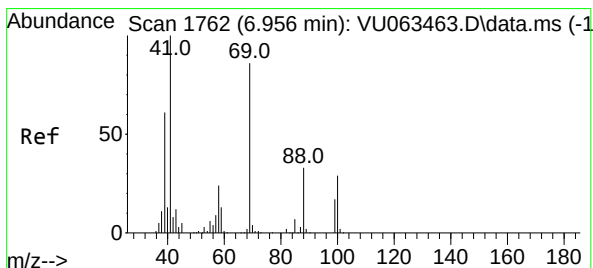
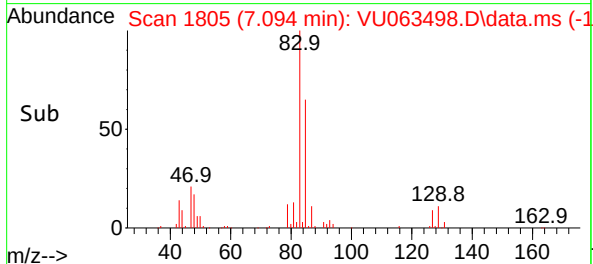
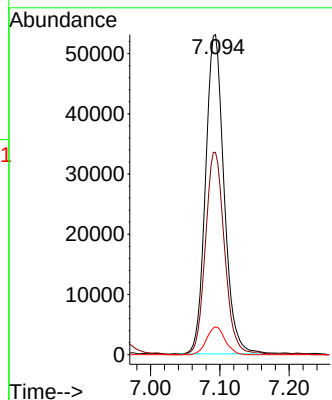
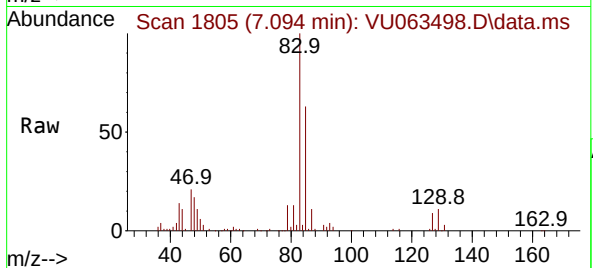




#47
Bromodichloromethane
Concen: 52.084 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

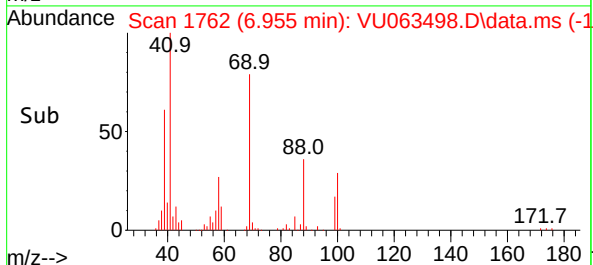
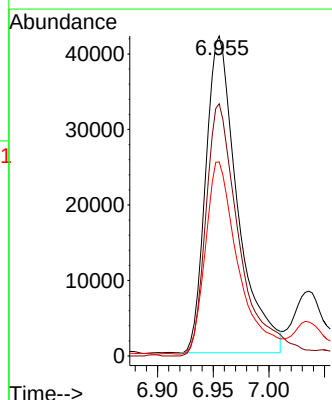
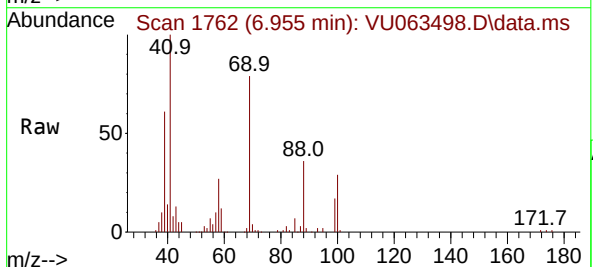
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

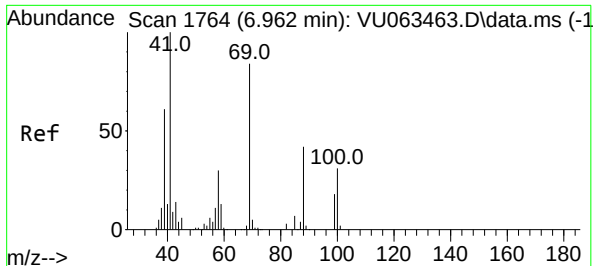
Tgt Ion: 83 Resp: 98399
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.0
127 8.7 7.0 10.4



#48
Methyl methacrylate
Concen: 57.032 ug/l
RT: 6.955 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 41 Resp: 83403
Ion Ratio Lower Upper
41 100
69 84.4 69.8 104.8
39 62.5 48.3 72.5





#49

1,4-Dioxane

Concen: 1237.420 ug/l

RT: 6.962 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

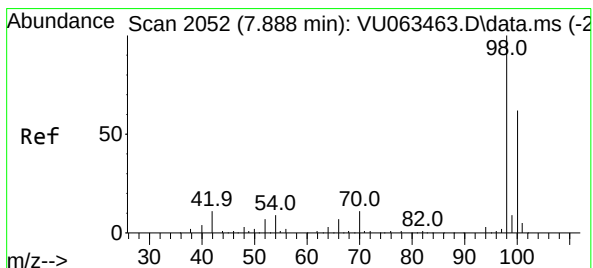
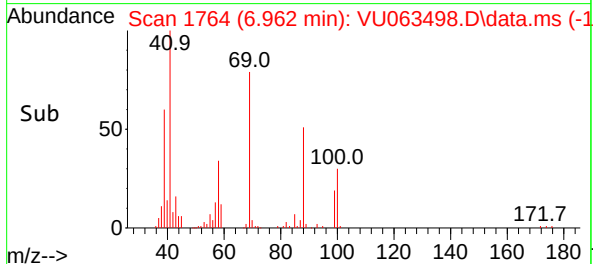
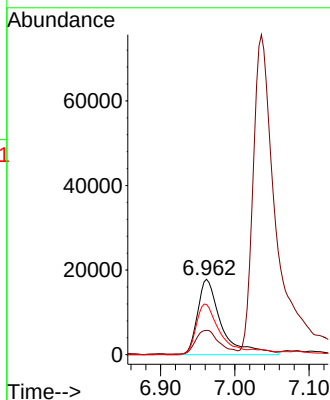
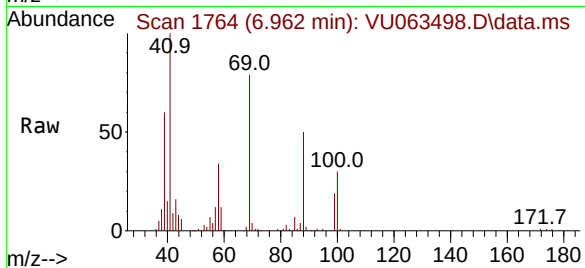
Tgt Ion: 88 Resp: 39709

Ion Ratio Lower Upper

88 100

43 30.4 25.6 38.4

58 65.9 55.0 82.6



#50

Toluene-d8

Concen: 48.326 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. -0.000 min

Lab File: VU063498.D

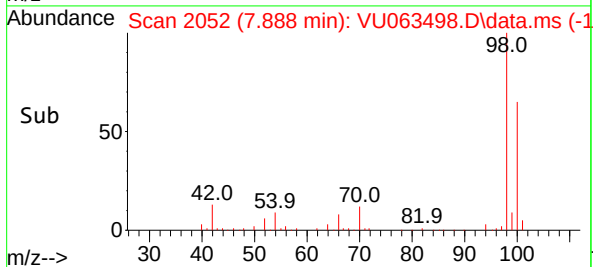
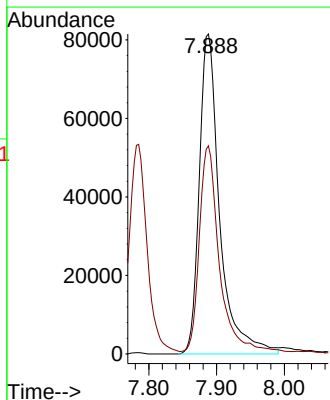
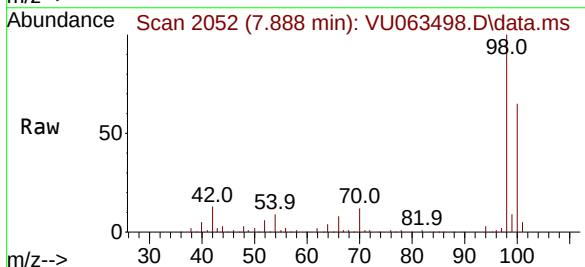
Acq: 11 Jul 2025 17:23

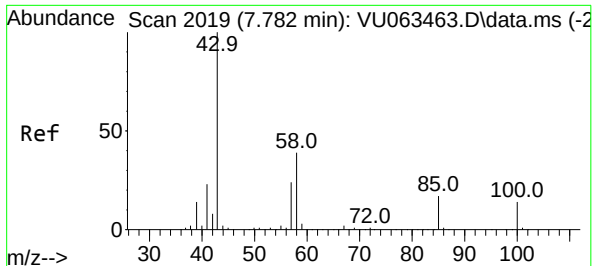
Tgt Ion: 98 Resp: 170522

Ion Ratio Lower Upper

98 100

100 63.1 48.1 72.1

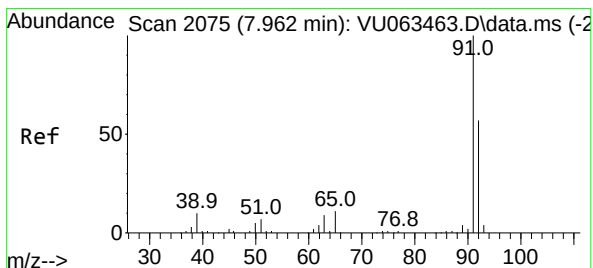
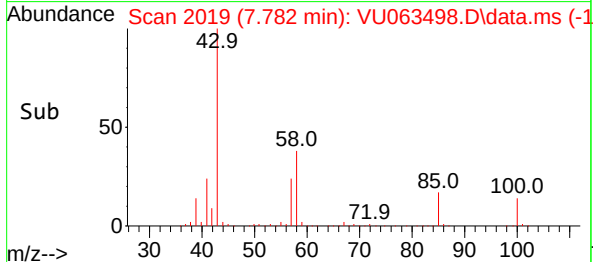
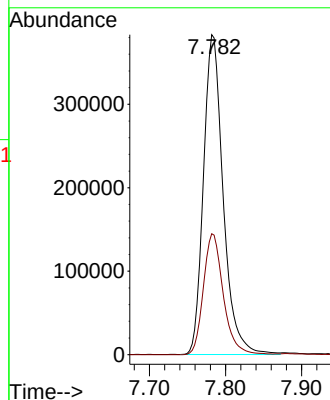
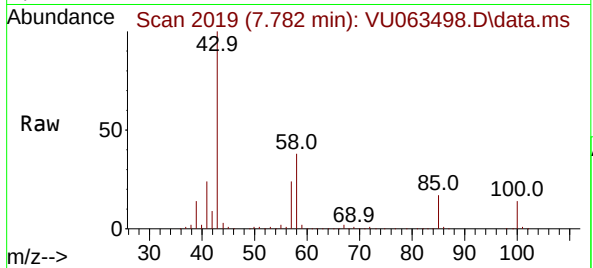




#51
4-Methyl-2-Pentanone
Concen: 301.767 ug/l
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

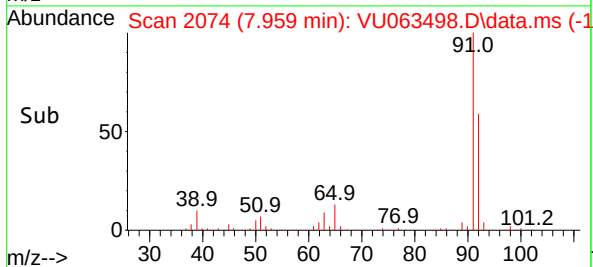
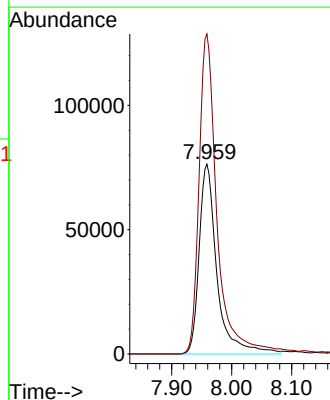
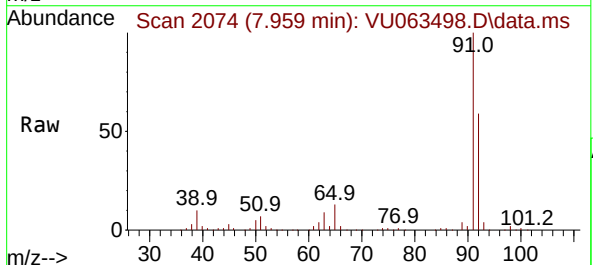
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

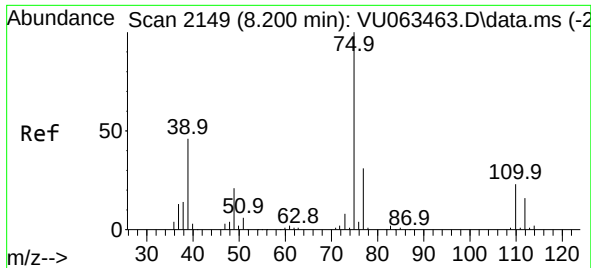
Tgt Ion: 43 Resp: 691075
Ion Ratio Lower Upper
43 100
58 38.2 31.0 46.4



#52
Toluene
Concen: 52.664 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 92 Resp: 158231
Ion Ratio Lower Upper
92 100
91 171.2 144.5 216.7

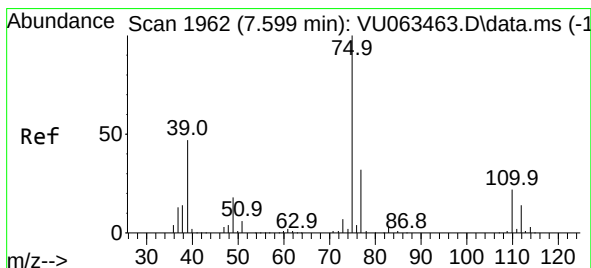
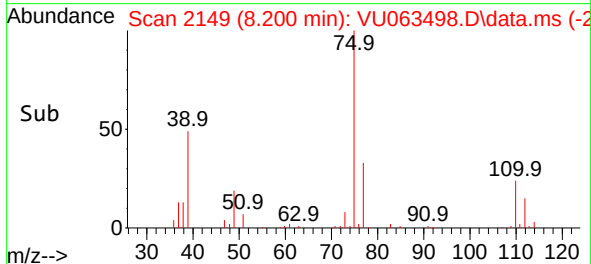
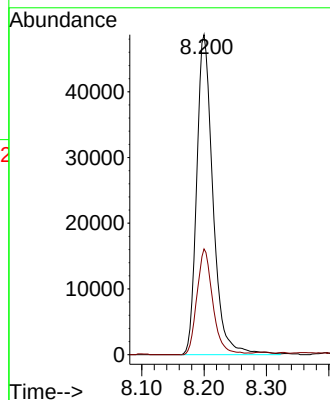
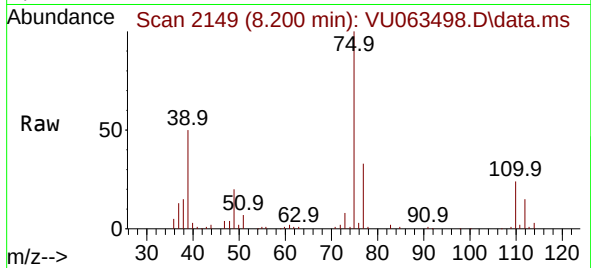




#53
 t-1,3-Dichloropropene
 Concen: 53.231 ug/l
 RT: 8.200 min Scan# 2149
 Delta R.T. -0.000 min
 Lab File: VU063498.D
 Acq: 11 Jul 2025 17:23

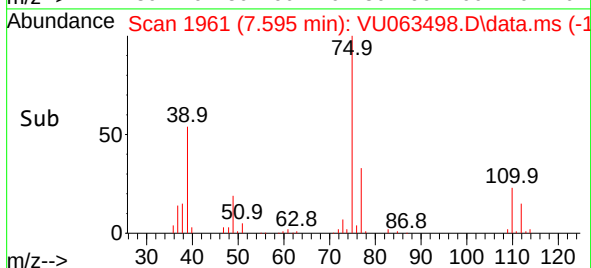
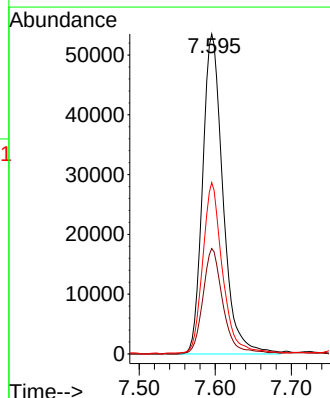
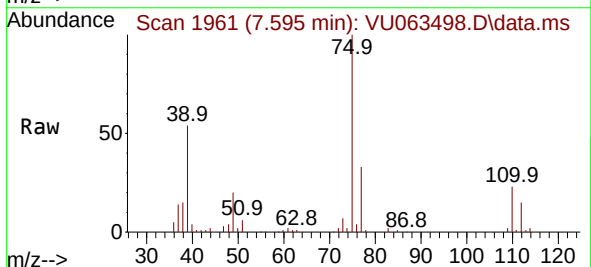
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

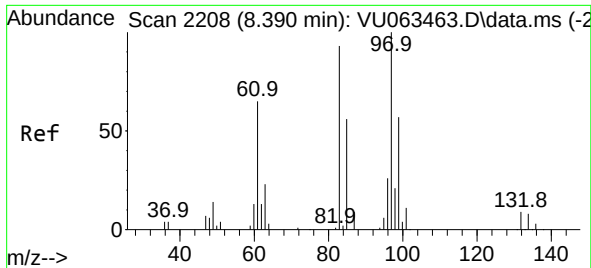
Tgt Ion: 75 Resp: 88002
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 53.780 ug/l
 RT: 7.595 min Scan# 1961
 Delta R.T. -0.003 min
 Lab File: VU063498.D
 Acq: 11 Jul 2025 17:23

Tgt Ion: 75 Resp: 99530
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0
 39 53.2 37.2 55.8

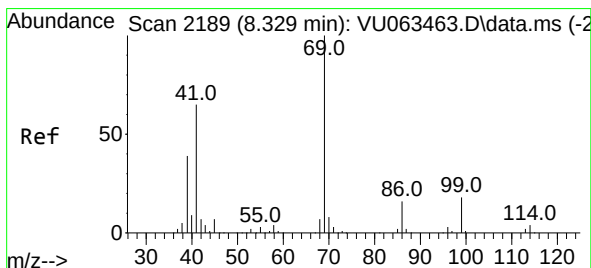
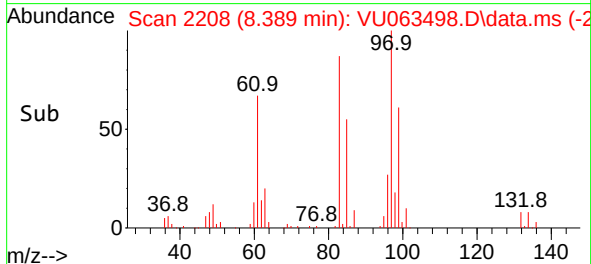
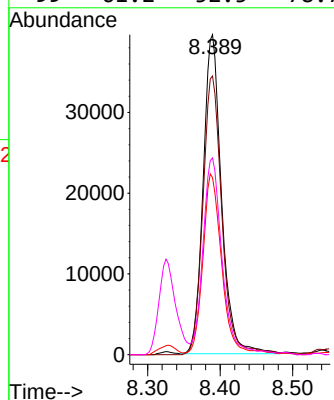
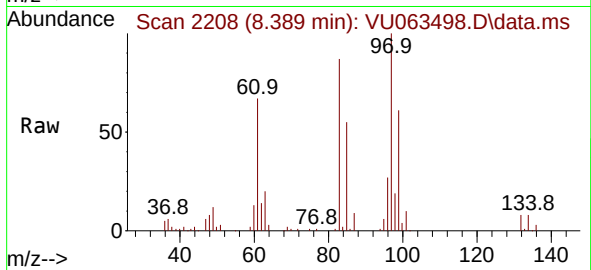




#55
1,1,2-Trichloroethane
Concen: 54.469 ug/l
RT: 8.389 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

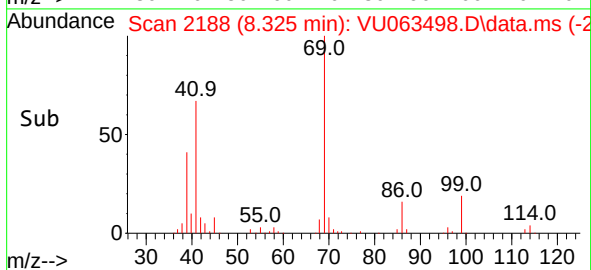
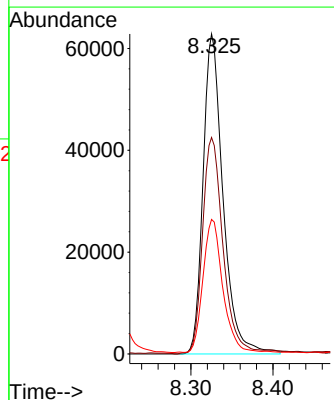
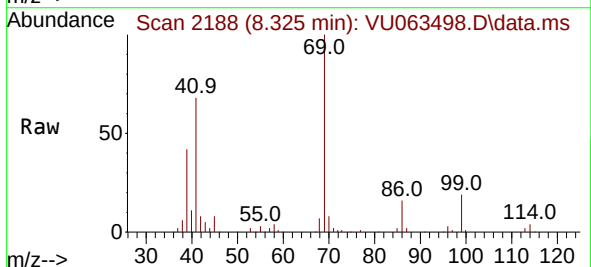
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

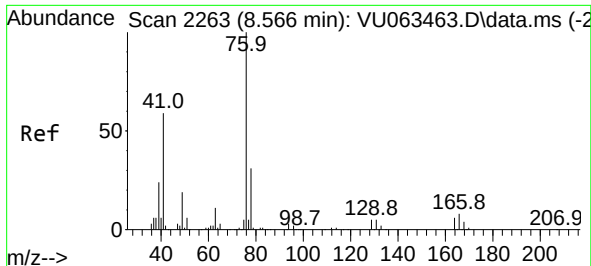
Tgt Ion:	97	Resp:	69501
Ion	Ratio	Lower	Upper
97	100		
83	87.4	74.2	111.4
85	55.1	45.8	68.8
99	61.2	52.5	78.7



#56
Ethyl methacrylate
Concen: 51.646 ug/l
RT: 8.325 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion:	69	Resp:	106304
Ion	Ratio	Lower	Upper
69	100		
41	69.3	53.0	79.6
39	41.2	31.0	46.4





#57

1,3-Dichloropropane

Concen: 54.696 ug/l

RT: 8.563 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

Instrument :

MSVOA_U

ClientSampleId :

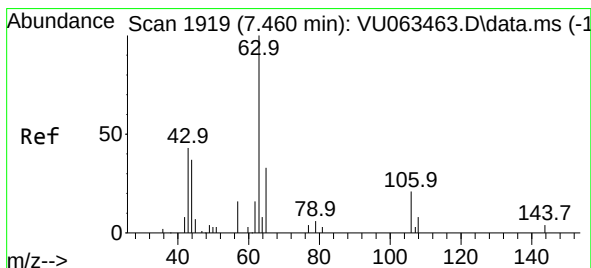
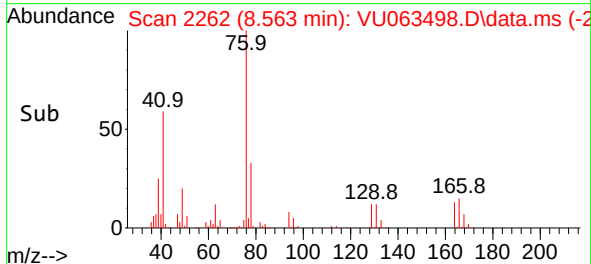
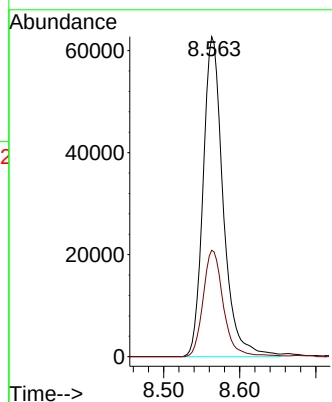
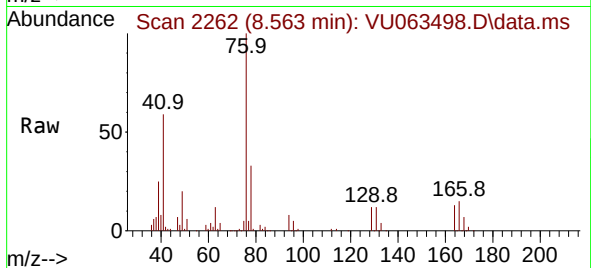
VSTDCCC050EC

Tgt Ion: 76 Resp: 115042

Ion Ratio Lower Upper

76 100

78 33.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 431.843 ug/l

RT: 7.457 min Scan# 1918

Delta R.T. -0.003 min

Lab File: VU063498.D

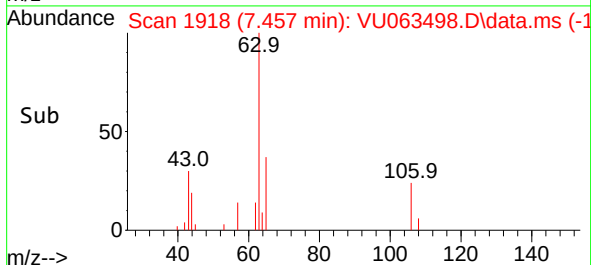
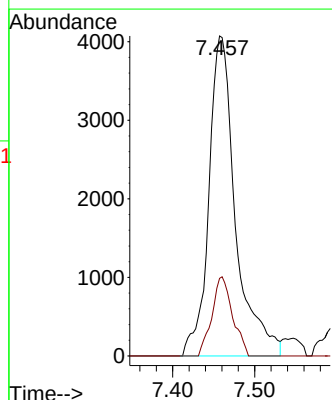
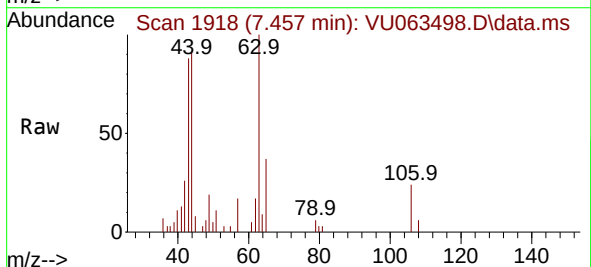
Acq: 11 Jul 2025 17:23

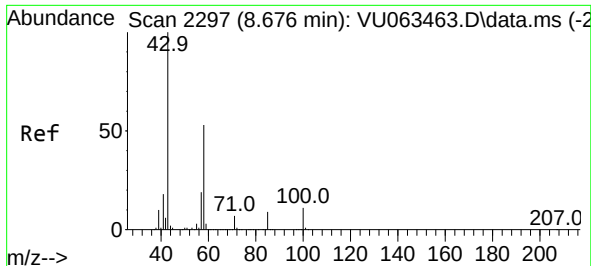
Tgt Ion: 63 Resp: 9230

Ion Ratio Lower Upper

63 100

106 19.1 11.5 17.3#

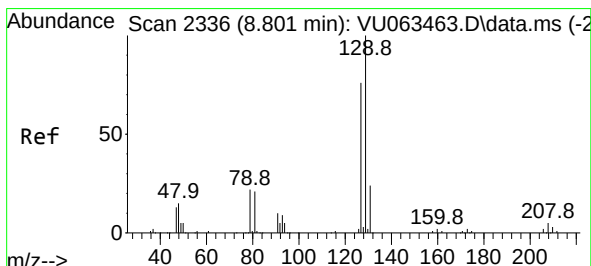
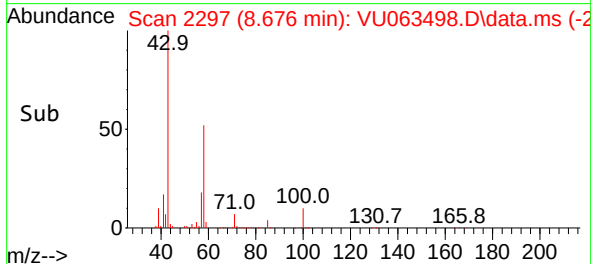
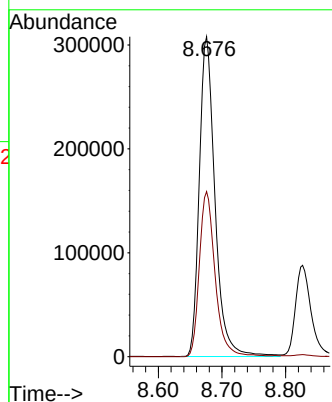
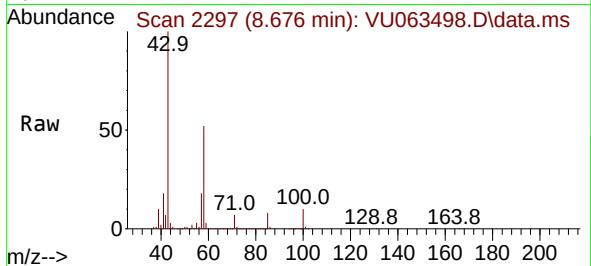




#59
2-Hexanone
Concen: 304.121 ug/l
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

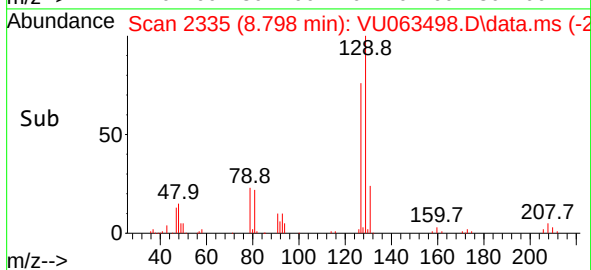
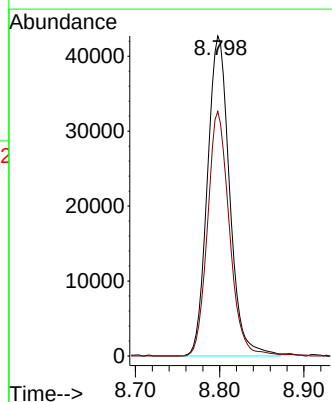
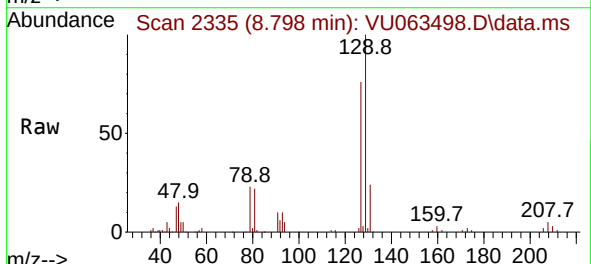
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

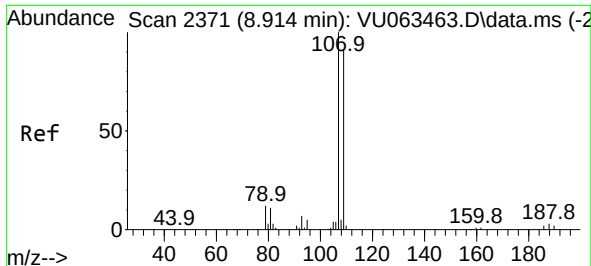
Tgt Ion: 43 Resp: 526778
Ion Ratio Lower Upper
43 100
58 52.1 26.9 80.7



#60
Dibromochloromethane
Concen: 54.772 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 129 Resp: 78292
Ion Ratio Lower Upper
129 100
127 75.3 39.1 117.2

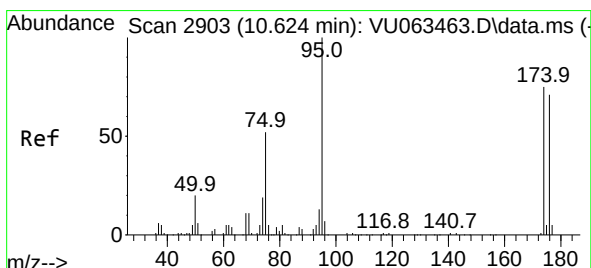
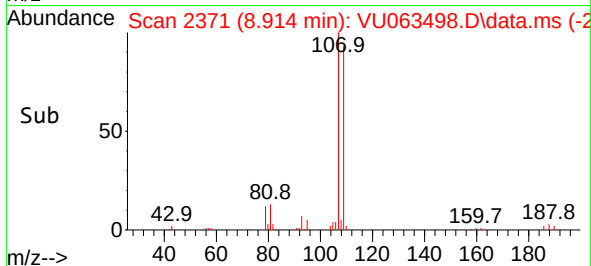
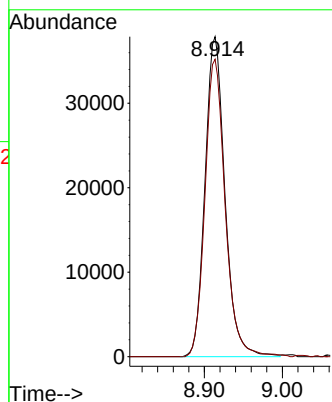
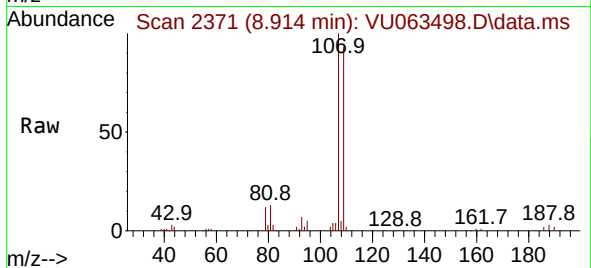




#61
1,2-Dibromoethane
Concen: 53.748 ug/l
RT: 8.914 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

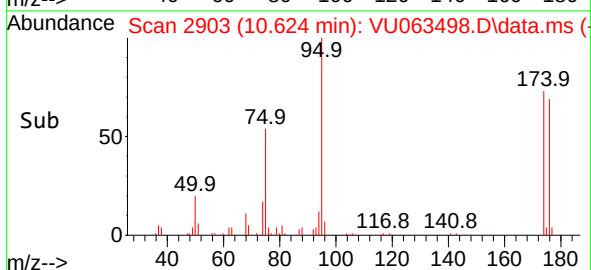
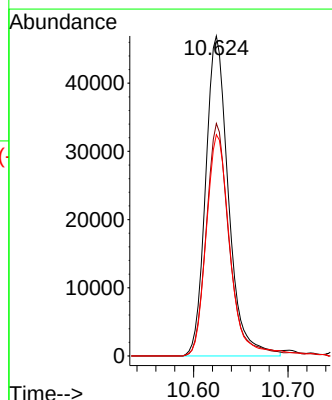
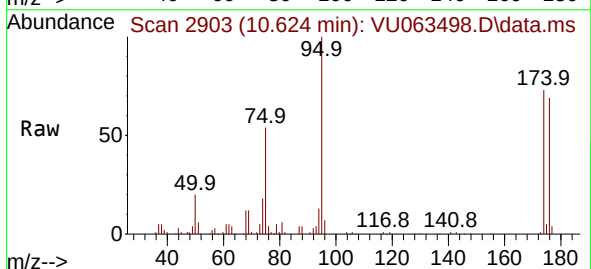
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

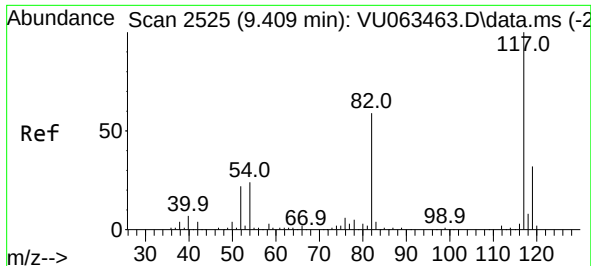
Tgt Ion:107 Resp: 67312
Ion Ratio Lower Upper
107 100
109 94.0 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 51.085 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 95 Resp: 78846
Ion Ratio Lower Upper
95 100
174 73.1 0.0 153.6
176 72.3 0.0 145.8

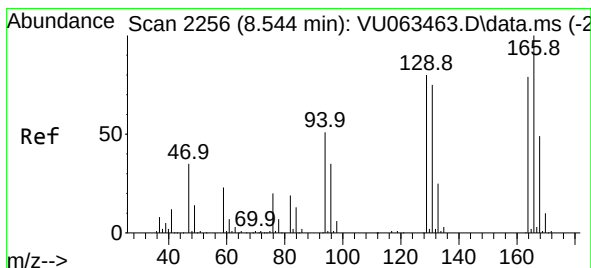
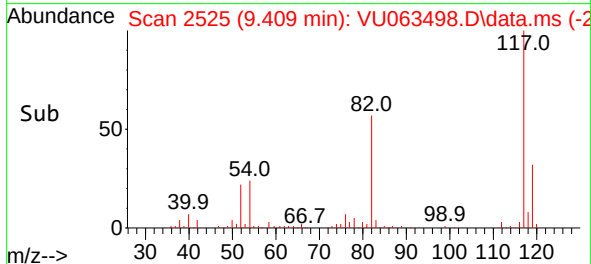
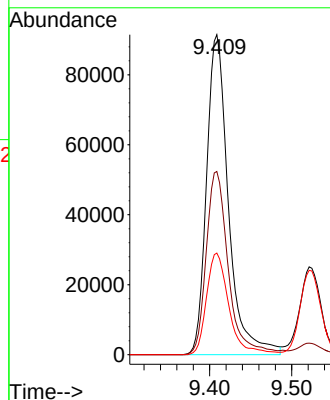
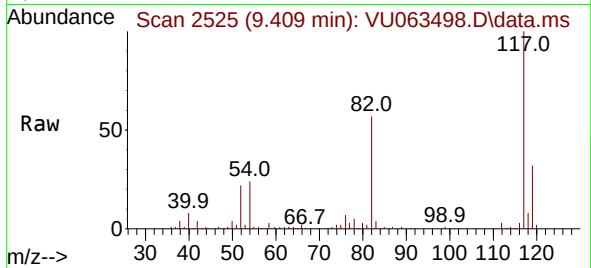




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

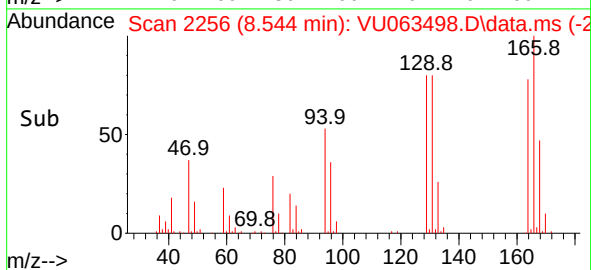
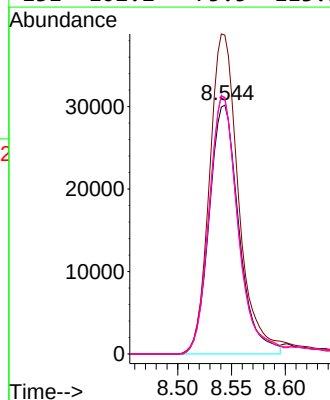
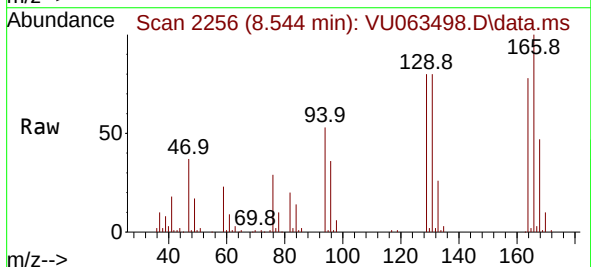
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

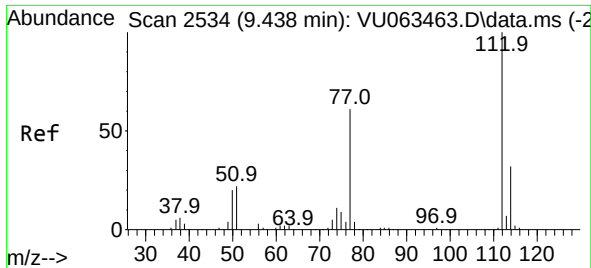
Tgt Ion:117 Resp: 169520
Ion Ratio Lower Upper
117 100
82 57.3 47.1 70.7
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 45.768 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion:164 Resp: 57757
Ion Ratio Lower Upper
164 100
166 128.1 100.9 151.3
129 103.1 80.9 121.3
131 102.2 75.5 113.3

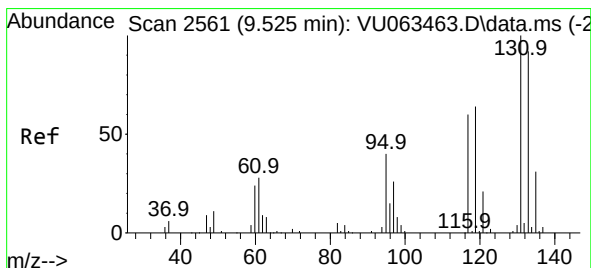
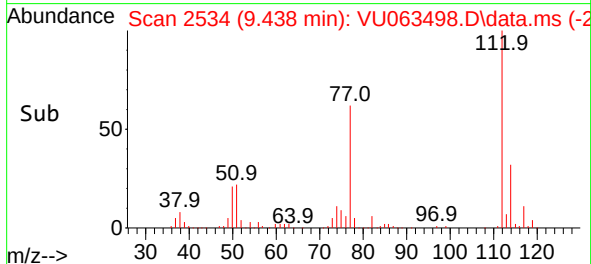
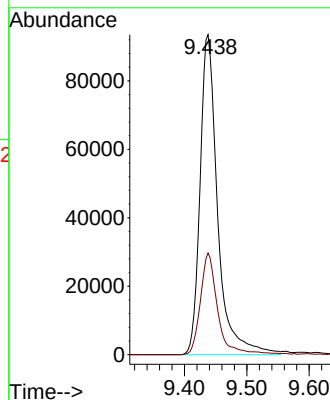
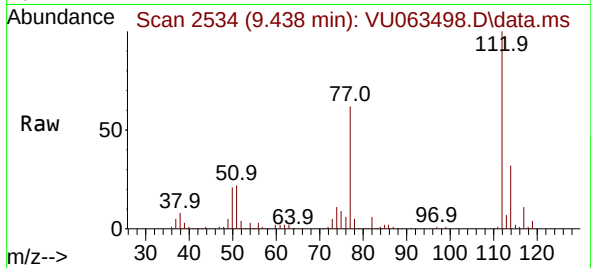




#65
Chlorobenzene
Concen: 52.036 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

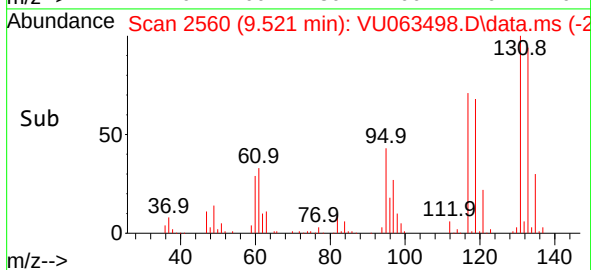
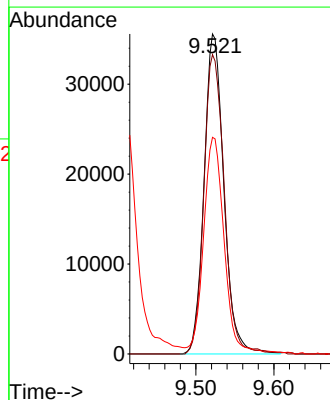
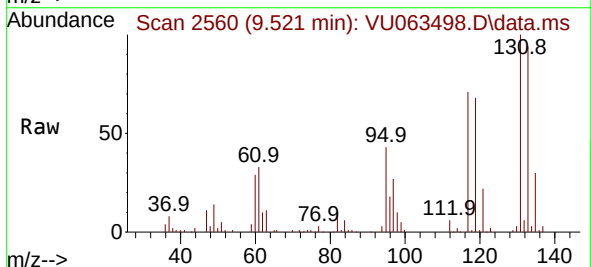
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

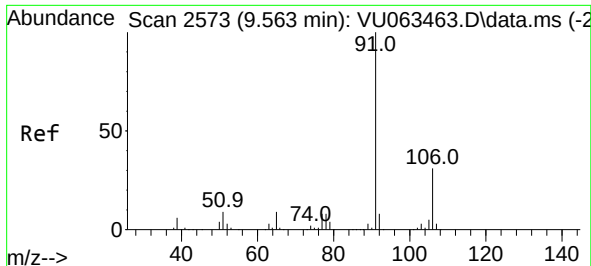
Tgt Ion:112 Resp: 183526
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.928 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion:131 Resp: 62809
Ion Ratio Lower Upper
131 100
133 96.3 46.4 139.2
119 69.1 33.3 99.9





#67

Ethyl Benzene

Concen: 51.205 ug/l

RT: 9.560 min Scan# 210

Delta R.T. -0.003 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

Instrument :

MSVOA_U

ClientSampleId :

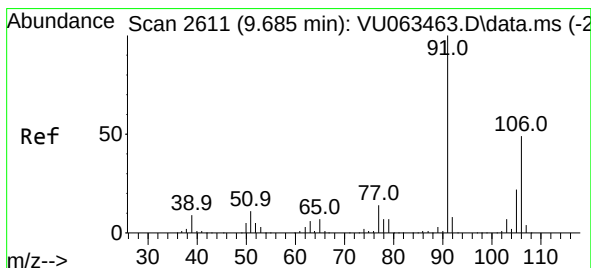
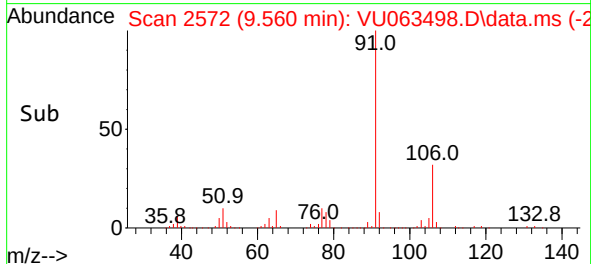
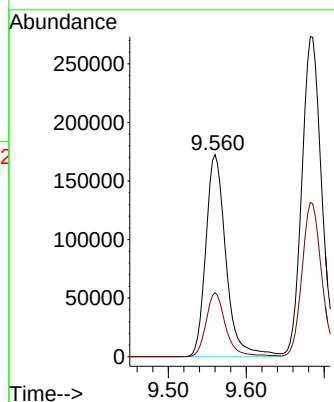
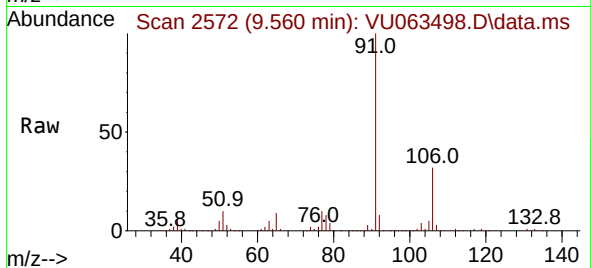
VSTDCCC050EC

Tgt Ion: 91 Resp: 310380

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 101.677 ug/l

RT: 9.682 min Scan# 2610

Delta R.T. -0.003 min

Lab File: VU063498.D

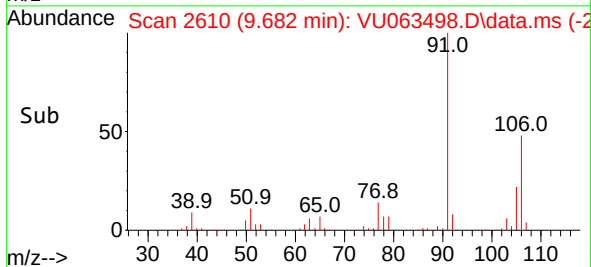
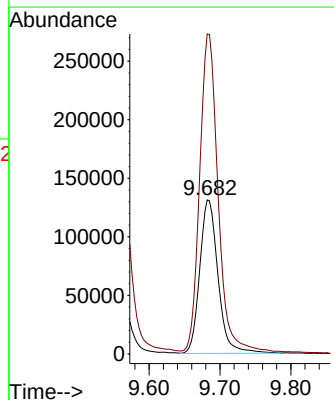
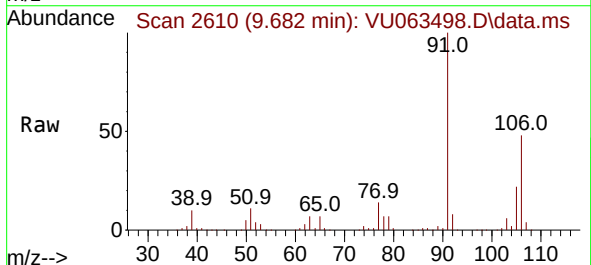
Acq: 11 Jul 2025 17:23

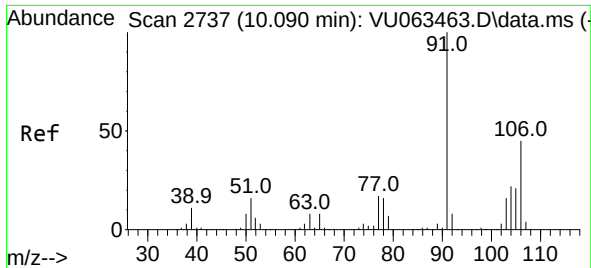
Tgt Ion:106 Resp: 235219

Ion Ratio Lower Upper

106 100

91 215.6 163.6 245.4

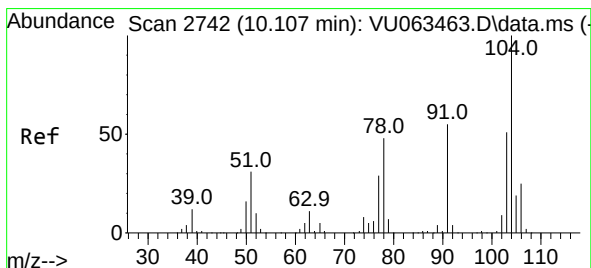
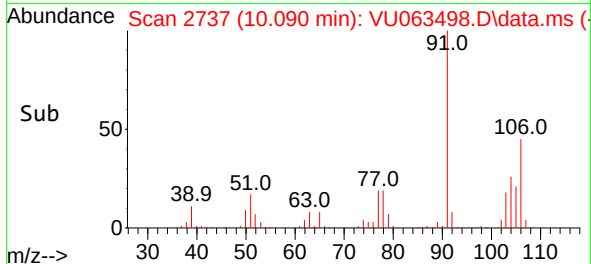
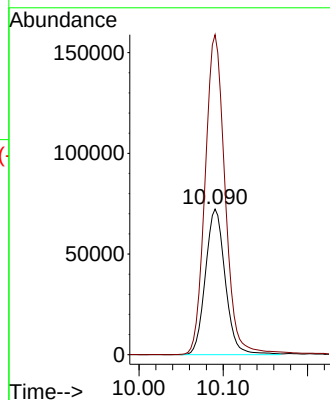
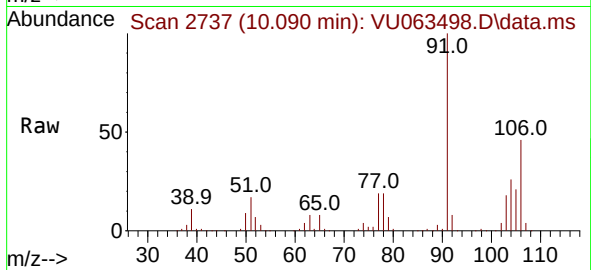




#69
o-Xylene
Concen: 50.513 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

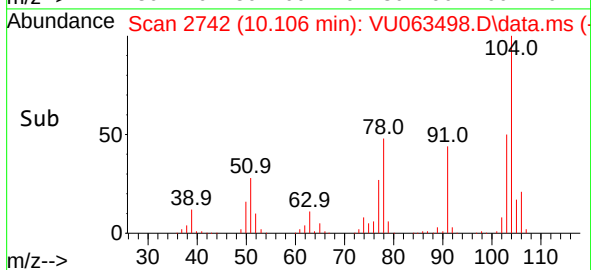
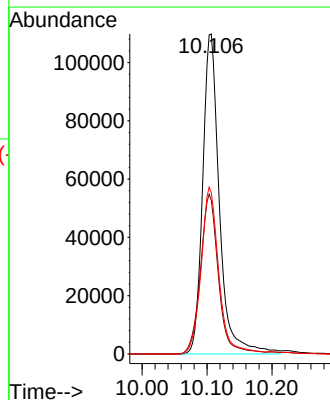
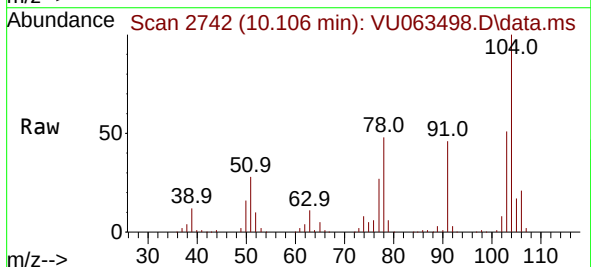
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

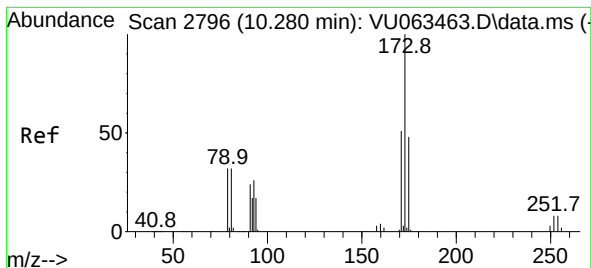
Tgt Ion:106 Resp: 118805
Ion Ratio Lower Upper
106 100
91 222.2 110.7 331.9



#70
Styrene
Concen: 52.889 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion:104 Resp: 197789
Ion Ratio Lower Upper
104 100
78 53.3 41.4 62.0
103 54.9 44.3 66.5





#71

Bromoform

Concen: 49.474 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

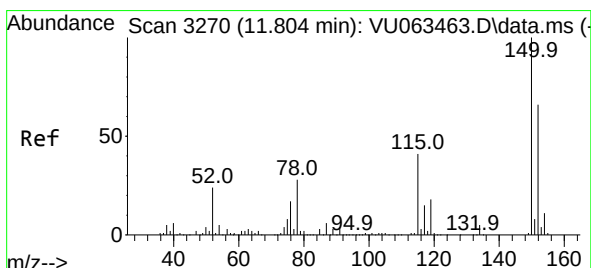
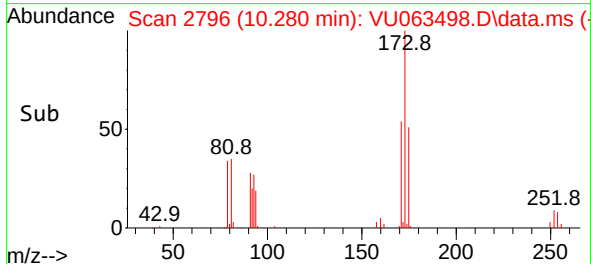
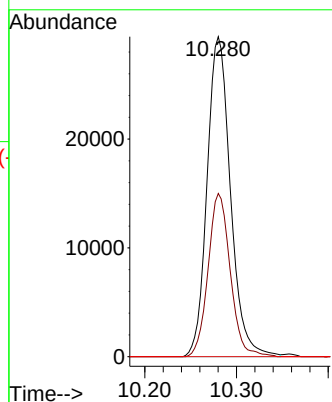
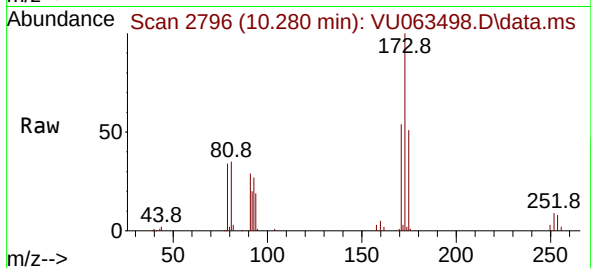
Tgt Ion:173 Resp: 52158

Ion Ratio Lower Upper

173 100

175 48.4 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: VU063498.D

Acq: 11 Jul 2025 17:23

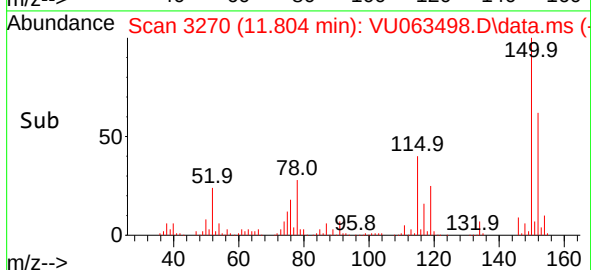
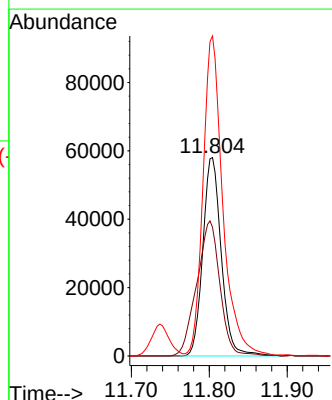
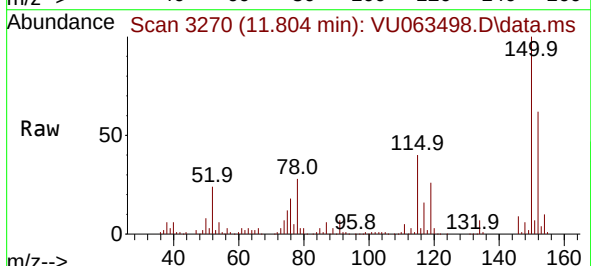
Tgt Ion:152 Resp: 95452

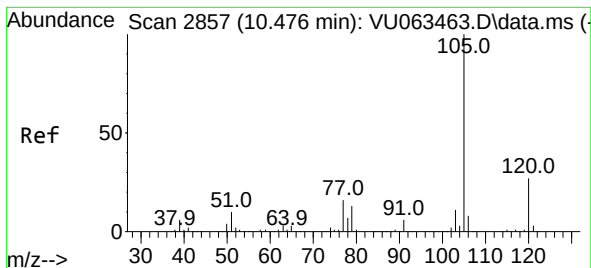
Ion Ratio Lower Upper

152 100

115 85.4 43.4 130.2

150 171.6 0.0 341.4





#73

Isopropylbenzene

Concen: 48.948 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. -0.003 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

Instrument :

MSVOA_U

ClientSampleId :

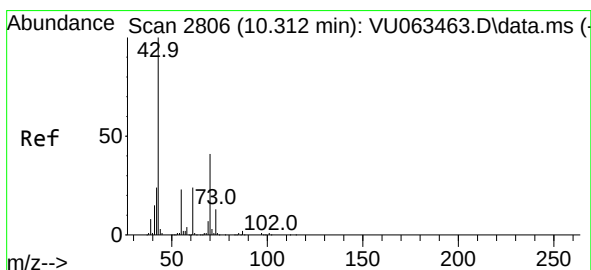
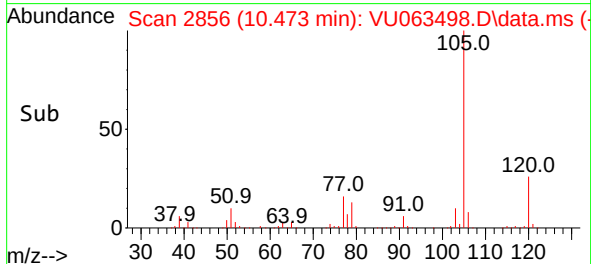
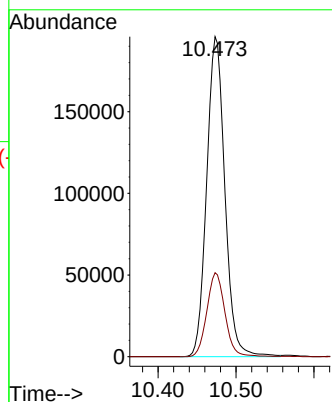
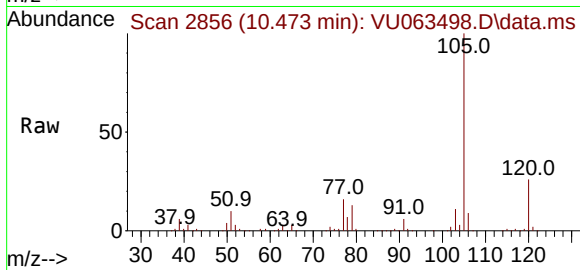
VSTDCCC050EC

Tgt Ion:105 Resp: 317910

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 52.750 ug/l

RT: 10.312 min Scan# 2806

Delta R.T. -0.000 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

Tgt Ion: 43 Resp: 153641

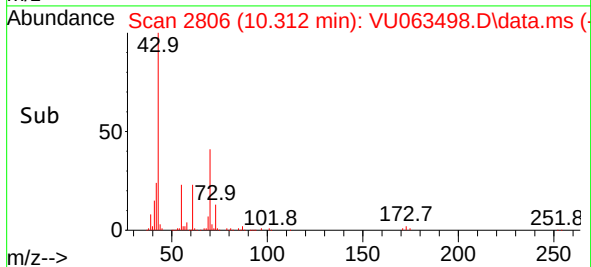
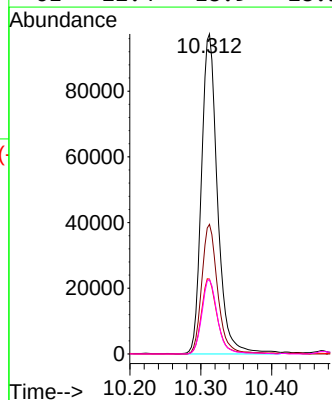
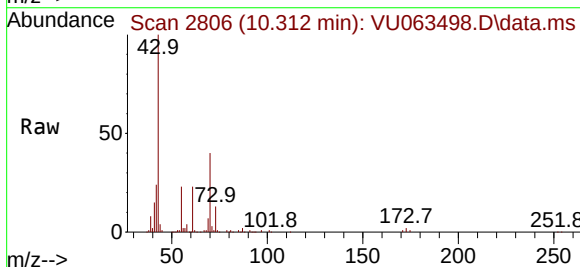
Ion Ratio Lower Upper

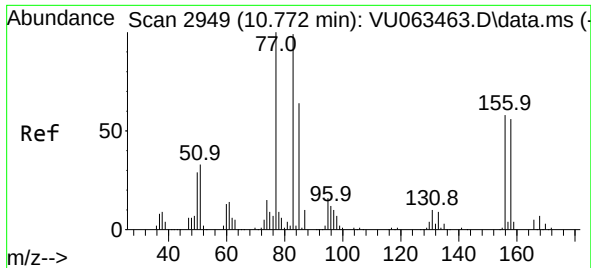
43 100

70 40.1 32.6 48.8

55 23.5 18.6 27.8

61 22.4 18.9 28.3

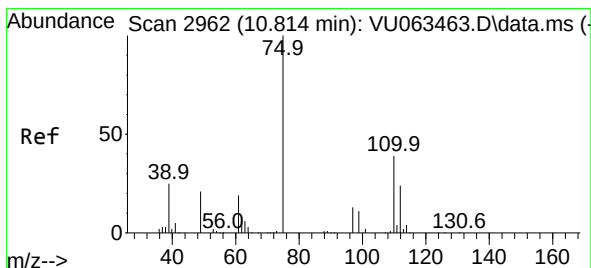
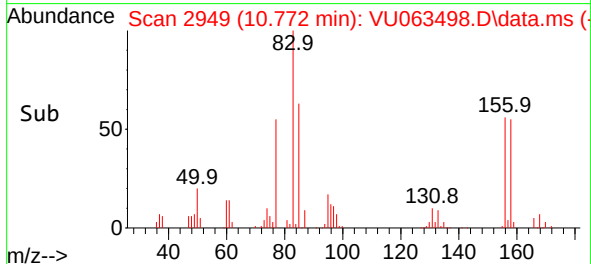
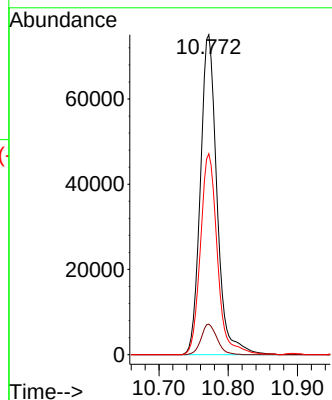
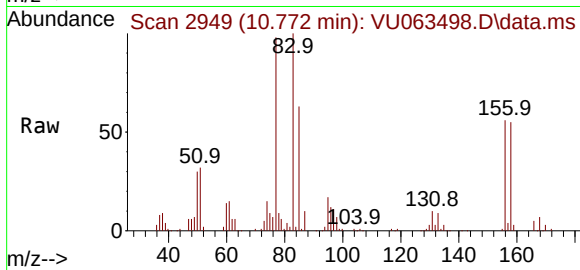




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.389 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU063498.D
 Acq: 11 Jul 2025 17:23

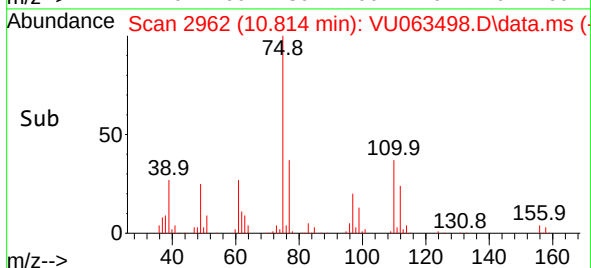
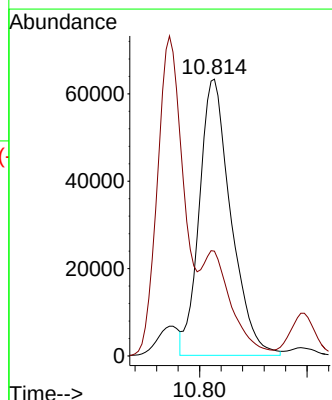
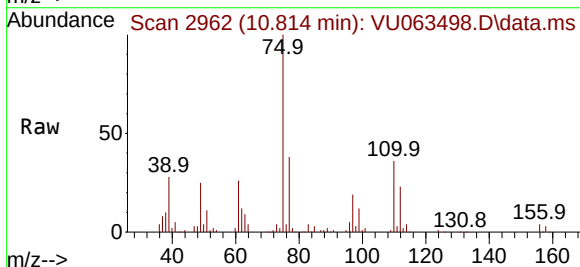
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

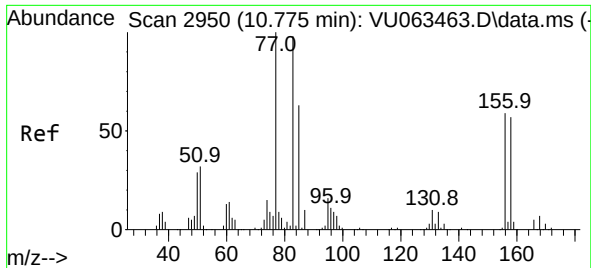
Tgt Ion: 83 Resp: 125246
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.8 14.3
 85 64.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 50.972 ug/l
 RT: 10.814 min Scan# 2962
 Delta R.T. -0.000 min
 Lab File: VU063498.D
 Acq: 11 Jul 2025 17:23

Tgt Ion: 75 Resp: 128923
 Ion Ratio Lower Upper
 75 100
 77 0.0 3.1 9.4#

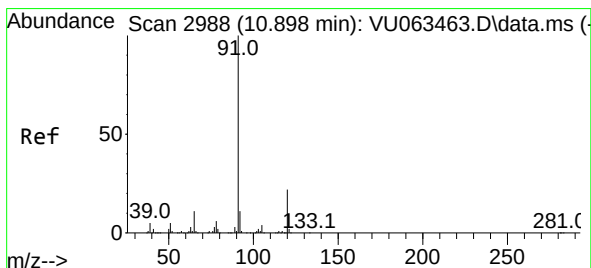
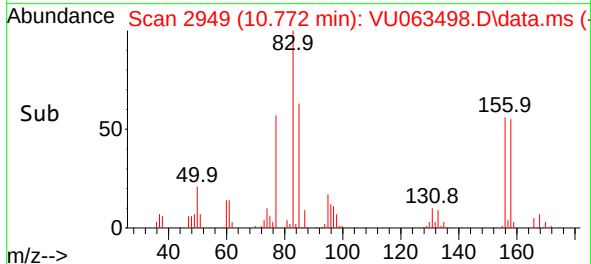
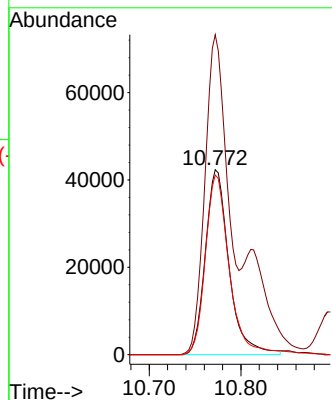
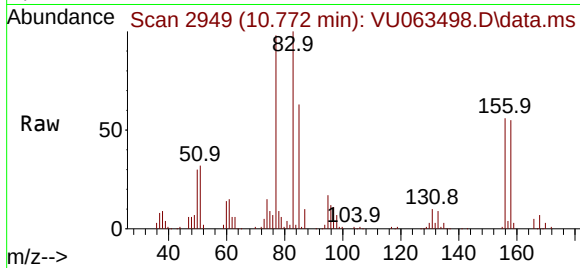




#77
Bromobenzene
Concen: 47.683 ug/l
RT: 10.772 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

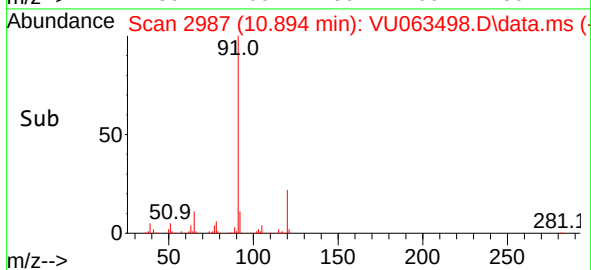
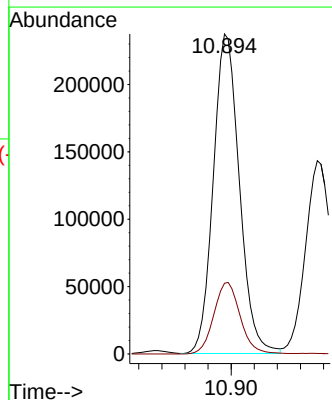
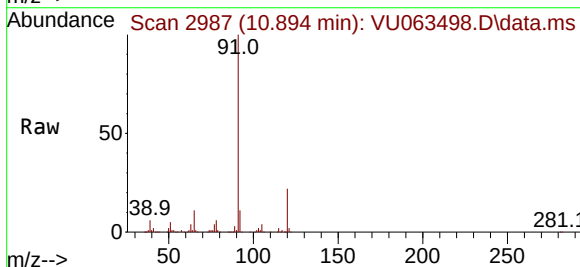
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

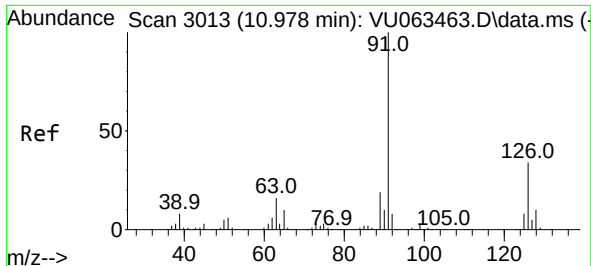
Tgt Ion:156 Resp: 75913
Ion Ratio Lower Upper
156 100
77 164.6 78.2 234.6
158 98.9 46.8 140.4



#78
n-propylbenzene
Concen: 49.364 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 91 Resp: 371825
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.228 ug/l

RT: 10.975 min Scan# 3013

Delta R.T. -0.003 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

Instrument :

MSVOA_U

ClientSampleId :

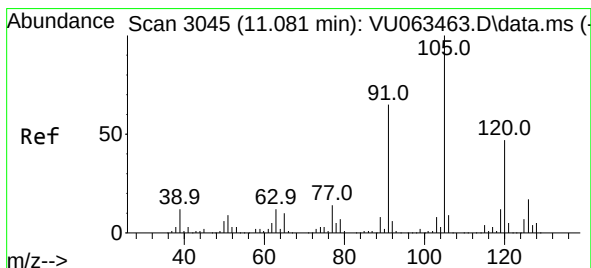
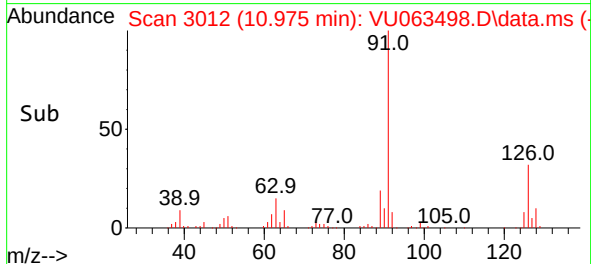
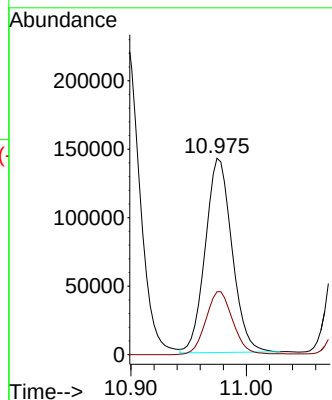
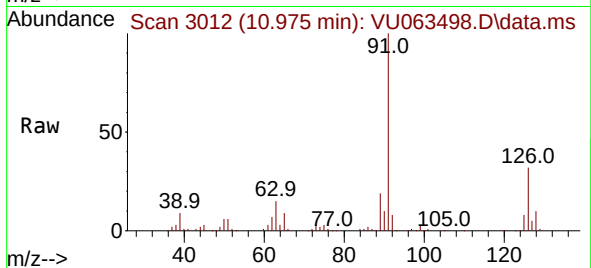
VSTDCCC050EC

Tgt Ion: 91 Resp: 227825

Ion Ratio Lower Upper

91 100

126 33.0 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 49.529 ug/l

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU063498.D

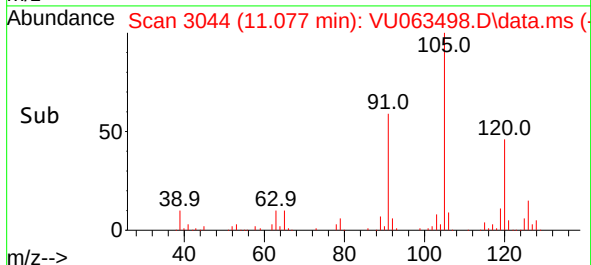
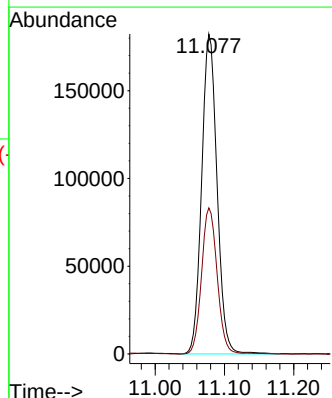
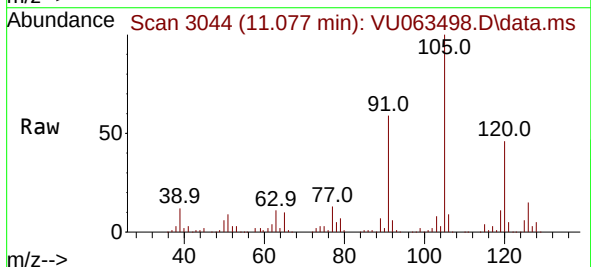
Acq: 11 Jul 2025 17:23

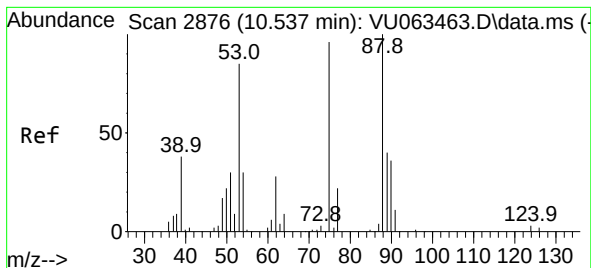
Tgt Ion:105 Resp: 281363

Ion Ratio Lower Upper

105 100

120 46.1 23.4 70.2

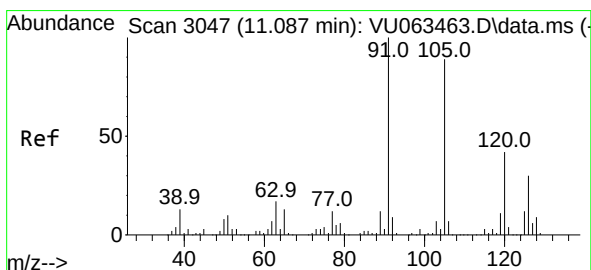
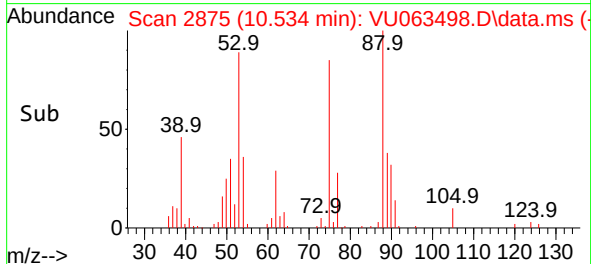
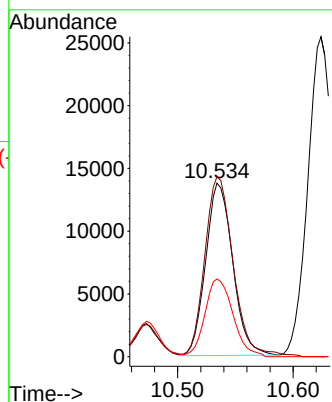
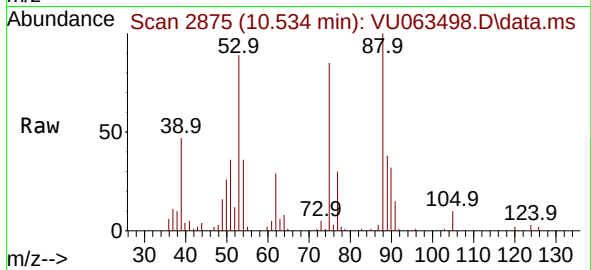




#81
trans-1,4-Dichloro-2-butene
Concen: 44.145 ug/l
RT: 10.534 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

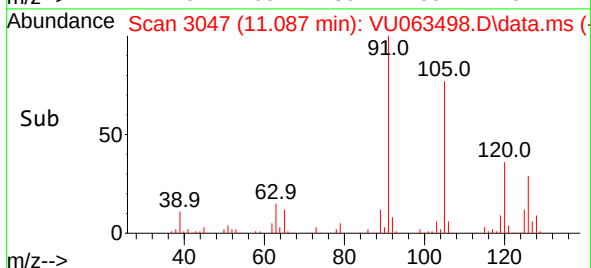
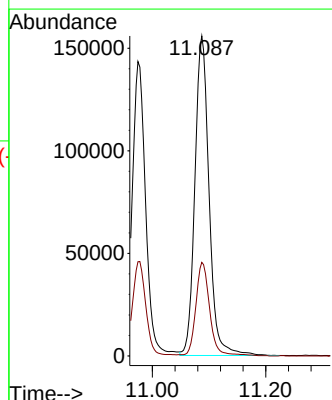
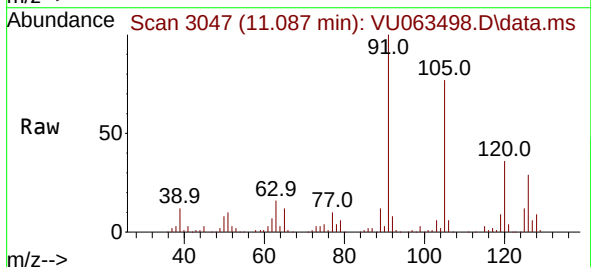
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

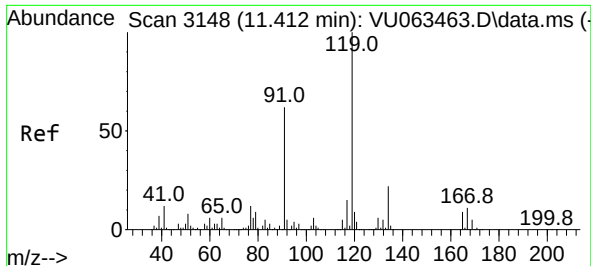
Tgt Ion: 75 Resp: 22387
Ion Ratio Lower Upper
75 100
53 109.7 74.6 111.8
89 46.5 36.3 54.5



#82
4-Chlorotoluene
Concen: 50.527 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 91 Resp: 270977
Ion Ratio Lower Upper
91 100
126 28.2 14.4 43.2

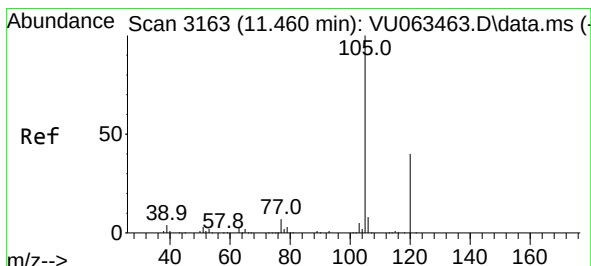
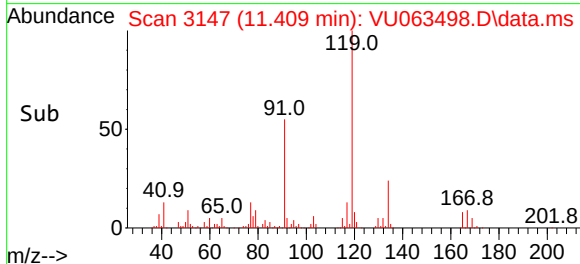
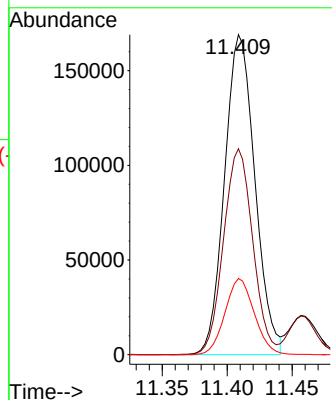
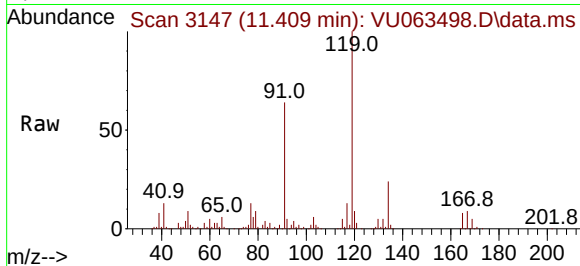




#83
tert-Butylbenzene
Concen: 50.495 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

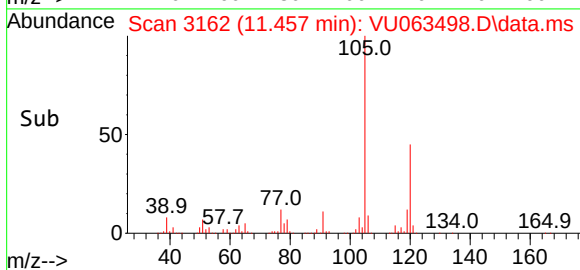
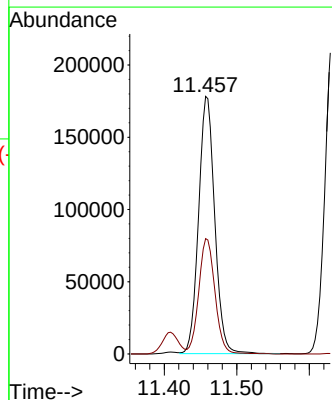
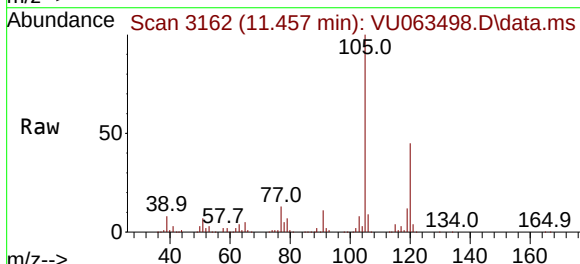
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

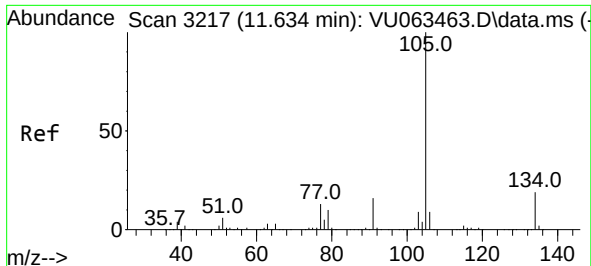
Tgt Ion:119 Resp: 275087
Ion Ratio Lower Upper
119 100
91 61.9 30.3 91.0
134 23.0 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 49.214 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion:105 Resp: 274539
Ion Ratio Lower Upper
105 100
120 45.1 22.1 66.3

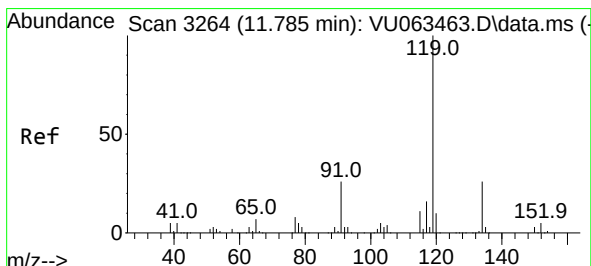
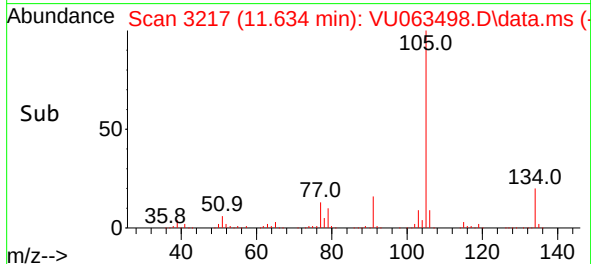
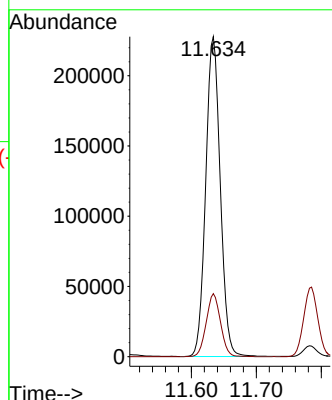
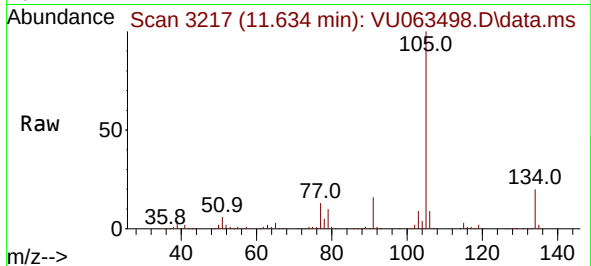




#85
 sec-Butylbenzene
 Concen: 49.343 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063498.D
 Acq: 11 Jul 2025 17:23

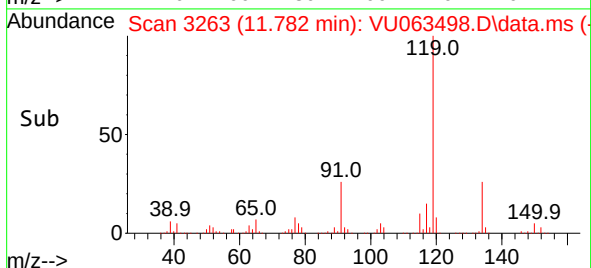
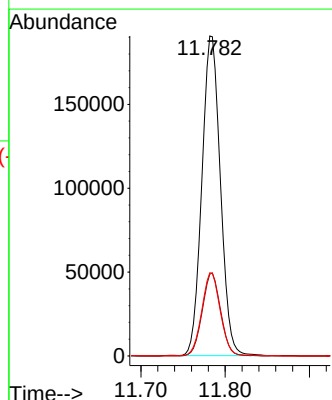
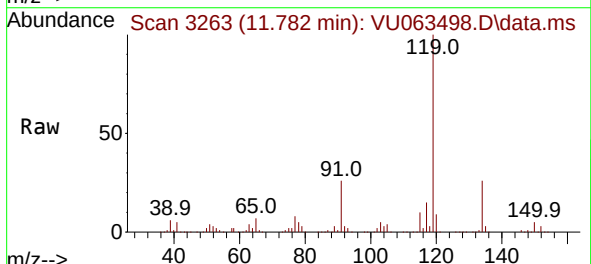
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

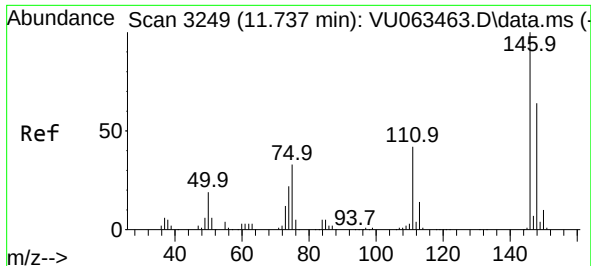
Tgt Ion:105 Resp: 354711
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 50.000 ug/l
 RT: 11.782 min Scan# 3263
 Delta R.T. -0.003 min
 Lab File: VU063498.D
 Acq: 11 Jul 2025 17:23

Tgt Ion:119 Resp: 291602
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 25.9 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 48.422 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

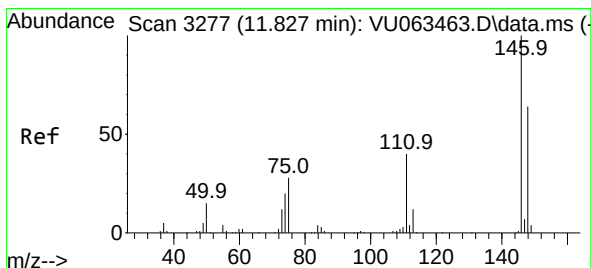
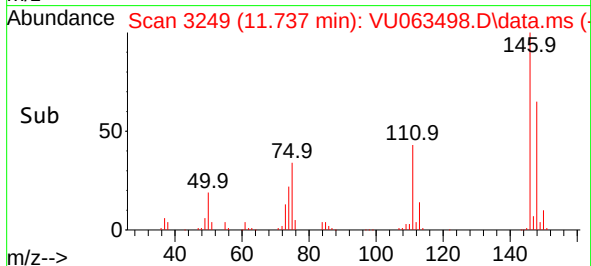
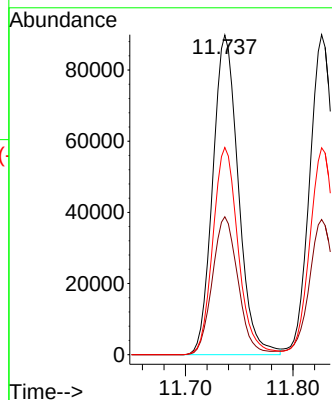
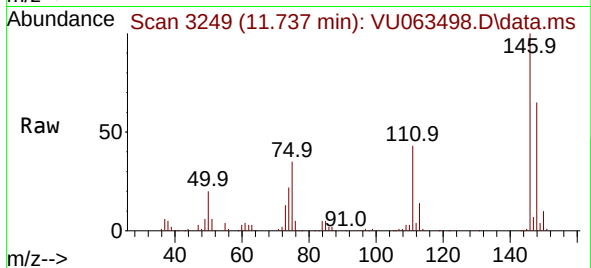
Tgt Ion:146 Resp: 148552

Ion Ratio Lower Upper

146 100

111 43.2 20.9 62.7

148 64.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.169 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

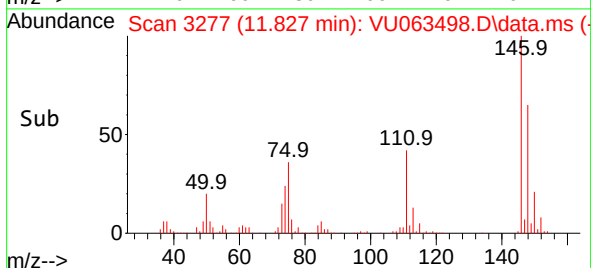
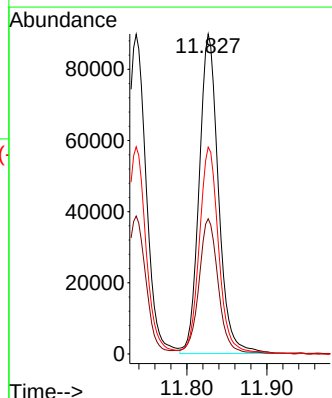
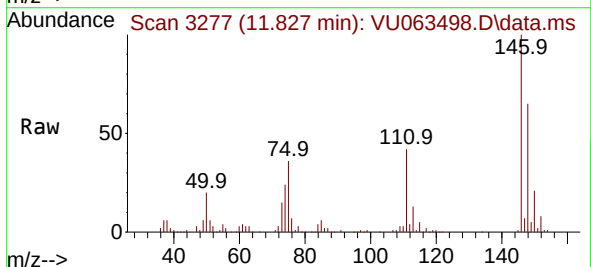
Tgt Ion:146 Resp: 150665

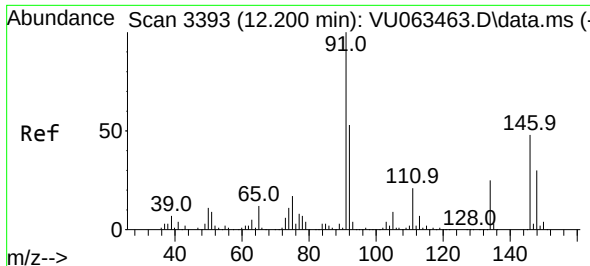
Ion Ratio Lower Upper

146 100

111 42.2 20.8 62.4

148 64.9 31.9 95.9

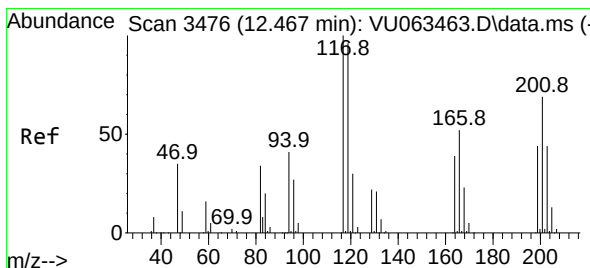
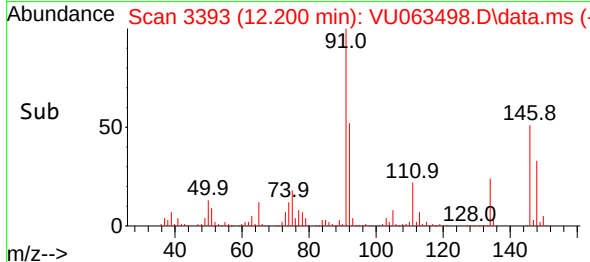
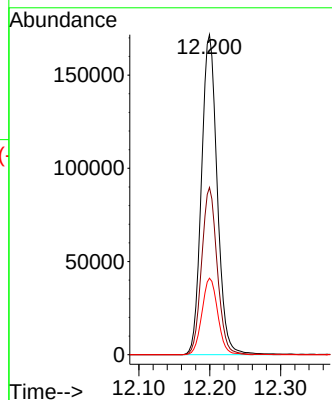
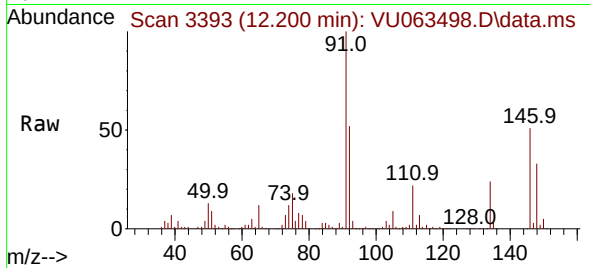




#89
n-Butylbenzene
Concen: 49.099 ug/l
RT: 12.200 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

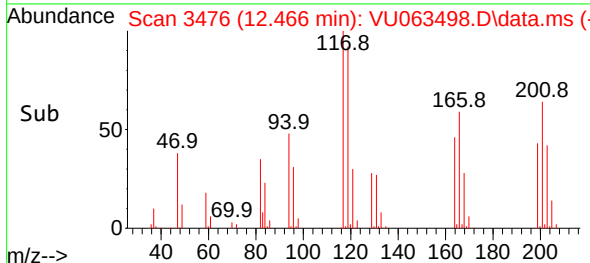
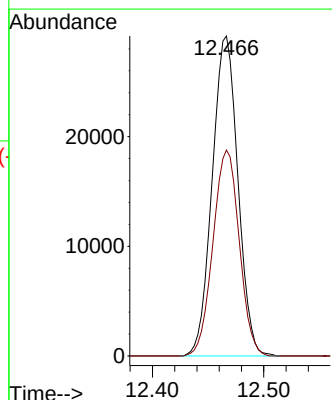
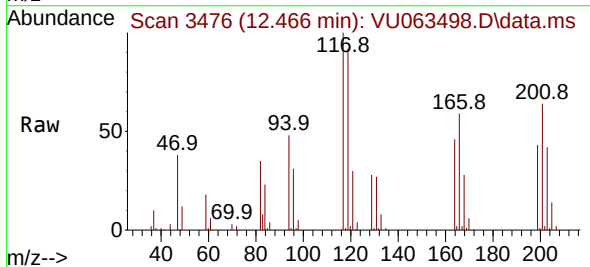
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

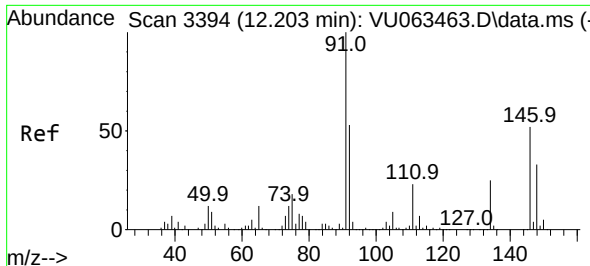
Tgt Ion: 91 Resp: 265023
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.2
134 24.0 12.4 37.0



#90
Hexachloroethane
Concen: 47.980 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 117 Resp: 46800
Ion Ratio Lower Upper
117 100
201 65.7 34.4 103.2

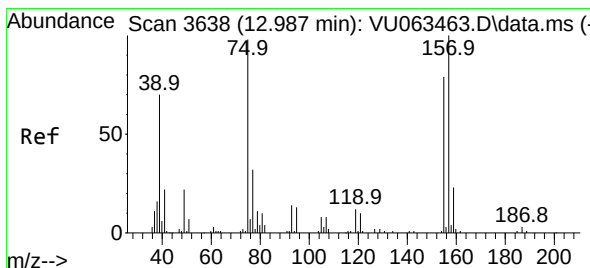
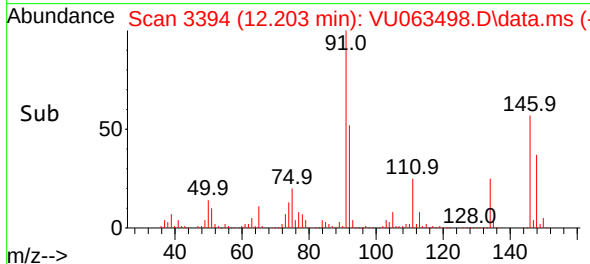
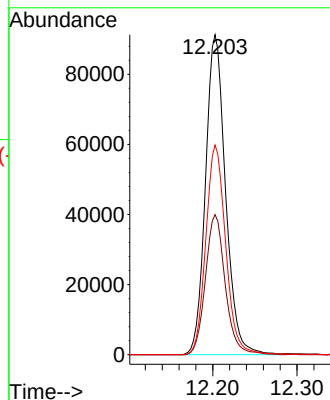
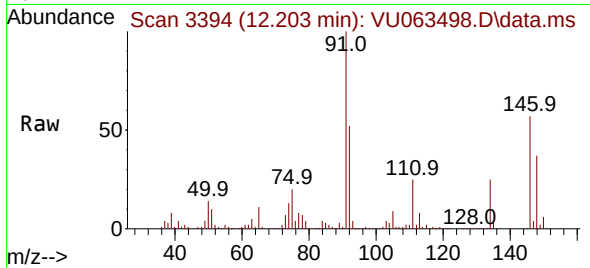




#91
1,2-Dichlorobenzene
Concen: 50.607 ug/l
RT: 12.203 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

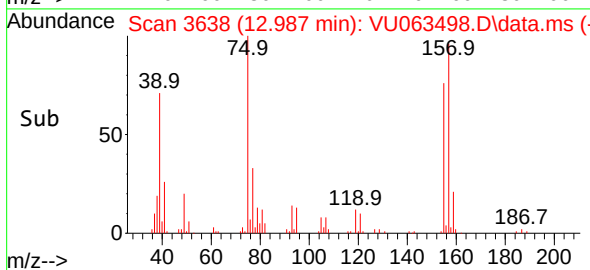
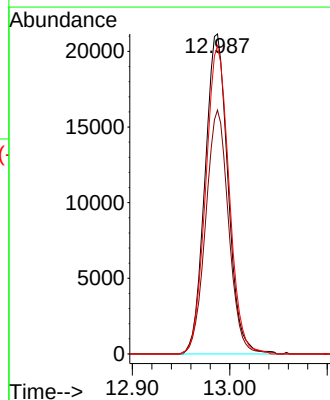
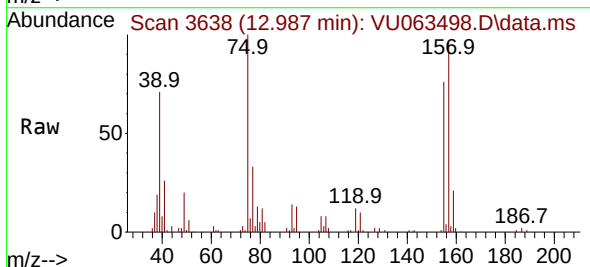
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

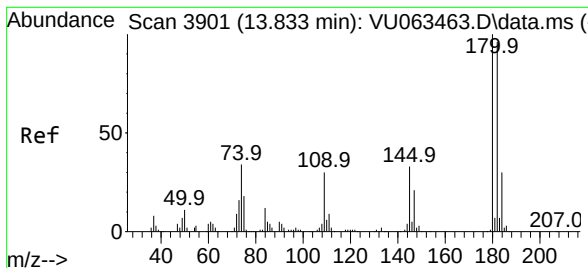
Tgt Ion:146 Resp: 151396
Ion Ratio Lower Upper
146 100
111 43.2 21.9 65.5
148 65.0 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 61.247 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VU063498.D
Acq: 11 Jul 2025 17:23

Tgt Ion: 75 Resp: 34679
Ion Ratio Lower Upper
75 100
155 76.1 39.1 117.5
157 97.7 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 48.742 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

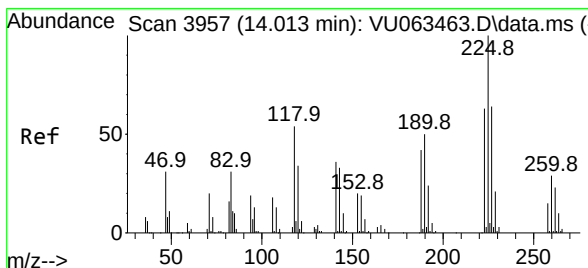
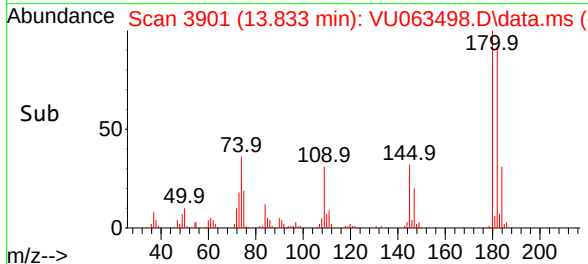
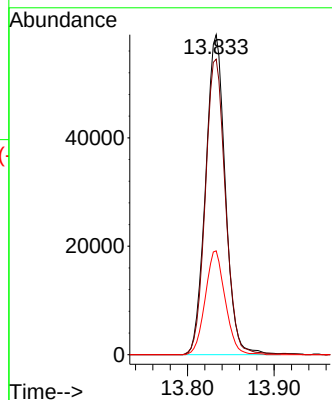
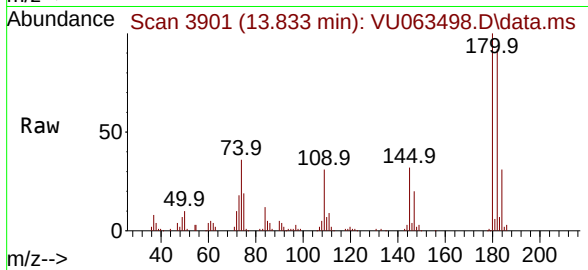
Tgt Ion:180 Resp: 93382

Ion Ratio Lower Upper

180 100

182 94.1 47.7 143.1

145 32.9 16.6 49.7



#94

Hexachlorobutadiene

Concen: 46.753 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

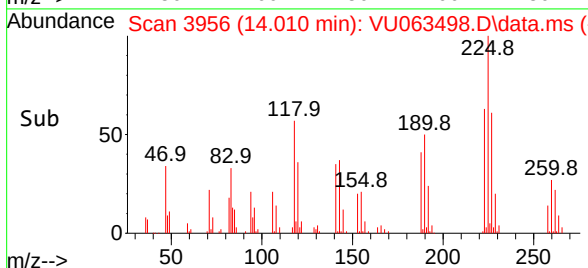
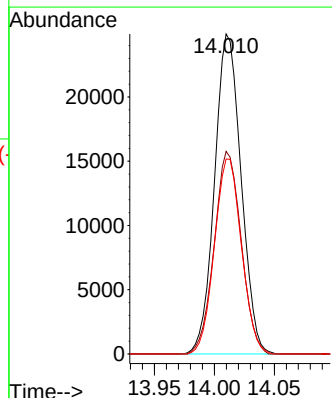
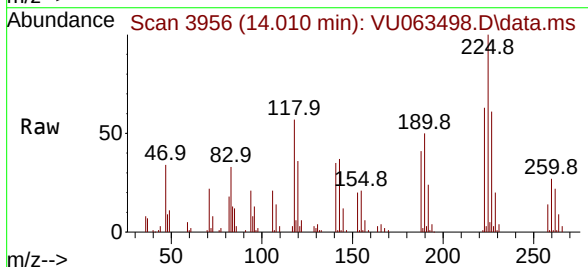
Tgt Ion:225 Resp: 38289

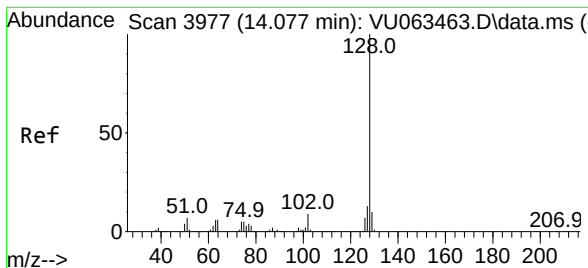
Ion Ratio Lower Upper

225 100

223 64.2 32.4 97.0

227 62.1 32.3 96.9





#95

Naphthalene

Concen: 50.460 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. -0.000 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

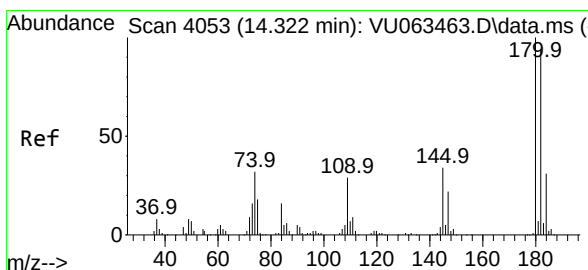
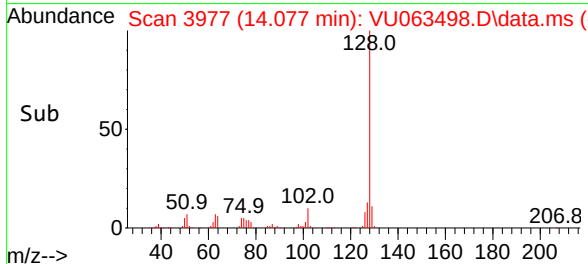
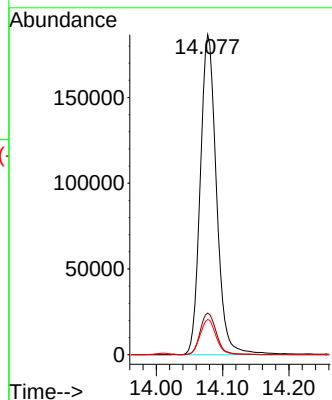
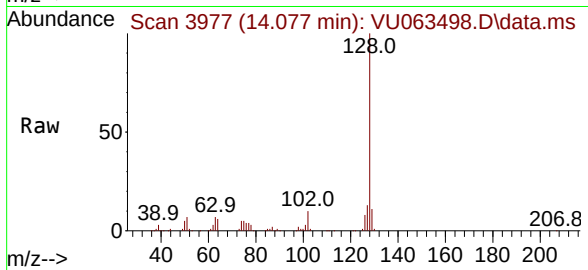
Tgt Ion:128 Resp: 316598

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.363 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063498.D

Acq: 11 Jul 2025 17:23

Tgt Ion:180 Resp: 92939

Ion Ratio Lower Upper

180 100

182 94.1 47.8 143.3

145 36.0 17.2 51.5

