

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111025\
 Data File : VU063692.D
 Acq On : 10 Nov 2025 13:10
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 11 01:23:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:18:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.341	168	208983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	331384	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	313898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	172543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.669	65	148369	48.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.120%		
35) Dibromofluoromethane	5.258	113	116538	50.210	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.420%		
50) Toluene-d8	7.872	98	414158	49.669	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.340%		
62) 4-Bromofluorobenzene	10.608	95	171058	49.593	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	56736	44.954	ug/l	100
3) Chloromethane	1.509	50	60647	49.158	ug/l	100
4) Vinyl Chloride	1.589	62	70536	45.439	ug/l	100
5) Bromomethane	1.830	94	46998	49.558	ug/l	100
6) Chloroethane	1.911	64	52552	44.765	ug/l	100
7) Trichlorofluoromethane	2.113	101	136687	46.019	ug/l	100
8) Diethyl Ether	2.354	74	58087	46.000	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.554	101	89277	47.306	ug/l	100
10) Methyl Iodide	2.695	142	105106	50.282	ug/l	100
11) Tert butyl alcohol	3.155	59	161595	224.351	ug/l	100
12) 1,1-Dichloroethene	2.554	96	74020	45.551	ug/l	100
13) Acrolein	2.464	56	12064	262.079	ug/l	100
14) Allyl chloride	2.895	41	141981	46.848	ug/l	100
15) Acrylonitrile	3.280	53	366921	248.740	ug/l	100
16) Acetone	2.602	43	418538	246.710	ug/l	100
17) Carbon Disulfide	2.766	76	98485	47.561	ug/l	100
18) Methyl Acetate	2.924	43	267153	49.307	ug/l	100
19) Methyl tert-butyl Ether	3.335	73	352185	48.033	ug/l	100
20) Methylene Chloride	3.014	84	98310	49.368	ug/l	100
21) trans-1,2-Dichloroethene	3.322	96	76326	45.750	ug/l	100
22) Diisopropyl ether	3.959	45	314648	47.139	ug/l	100
23) Vinyl Acetate	3.920	43	1091076	239.683	ug/l	100
24) 1,1-Dichloroethane	3.833	63	181636	47.182	ug/l	100
25) 2-Butanone	4.669	43	511567	240.668	ug/l	100
26) 2,2-Dichloropropane	4.628	77	158440	47.919	ug/l	100
27) cis-1,2-Dichloroethene	4.634	96	114674	47.047	ug/l	100
28) Bromochloromethane	4.936	49	82661	53.662	ug/l	100
29) Tetrahydrofuran	5.020	42	301269	243.576	ug/l	100
30) Chloroform	5.052	83	200218	47.472	ug/l	100
31) Cyclohexane	5.354	56	119314	48.539	ug/l	100
32) 1,1,1-Trichloroethane	5.280	97	167358	48.357	ug/l	100
36) 1,1-Dichloropropene	5.496	75	113430	48.016	ug/l	100
37) Ethyl Acetate	4.772	43	160204	47.699	ug/l	100
38) Carbon Tetrachloride	5.493	117	125480	49.146	ug/l	100
39) Methylcyclohexane	6.734	83	129641	48.336	ug/l	100
40) Benzene	5.743	78	371421	48.722	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	89615	51.548	ug/l	100
42) 1,2-Dichloroethane	5.763	62	150356	50.008	ug/l	100
43) Isopropyl Acetate	5.885	43	249521	50.893	ug/l	100
44) Trichloroethene	6.515	130	101387	47.405	ug/l	100
45) 1,2-Dichloropropane	6.763	63	104662	50.505	ug/l	100
46) Dibromomethane	6.891	93	79140	50.860	ug/l	100
47) Bromodichloromethane	7.078	83	158242	50.161	ug/l	100
48) Methyl methacrylate	6.933	41	121788	50.605	ug/l	100
49) 1,4-Dioxane	6.936	88	62689	983.212	ug/l	100
51) 4-Methyl-2-Pentanone	7.763	43	955491	254.672	ug/l	100
52) Toluene	7.943	92	246296	49.784	ug/l	100
53) t-1,3-Dichloropropene	8.184	75	130790	49.233	ug/l	100
54) cis-1,3-Dichloropropene	7.579	75	150711	50.617	ug/l	100
55) 1,1,2-Trichloroethane	8.373	97	114271	50.333	ug/l	100
56) Ethyl methacrylate	8.309	69	173663	51.841	ug/l	100
57) 1,3-Dichloropropane	8.550	76	184312	49.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.441	63	8751	217.248	ug/l	100
59) 2-Hexanone	8.656	43	720640	257.885	ug/l	100
60) Dibromochloromethane	8.782	129	119940	50.439	ug/l	100
61) 1,2-Dibromoethane	8.898	107	111711	51.064	ug/l	100
64) Tetrachloroethene	8.528	164	100662	49.706	ug/l	100
65) Chlorobenzene	9.422	112	298291	48.633	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.508	131	104373	50.031	ug/l	100
67) Ethyl Benzene	9.544	91	502495	49.186	ug/l	100
68) m/p-Xylenes	9.669	106	379150	100.546	ug/l	100
69) o-Xylene	10.074	106	193365	49.694	ug/l	100
70) Styrene	10.090	104	322878	51.659	ug/l	100
71) Bromoform	10.264	173	84881	50.527	ug/l #	100
73) Isopropylbenzene	10.460	105	520648	48.029	ug/l	100
74) N-amyl acetate	10.296	43	190951	50.558	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.756	83	197279	47.391	ug/l	100
76) 1,2,3-Trichloropropane	10.798	75	207613	48.789	ug/l #	100
77) Bromobenzene	10.759	156	128360	47.063	ug/l	100
78) n-propylbenzene	10.881	91	612182	49.229	ug/l	100
79) 2-Chlorotoluene	10.962	91	378135	47.044	ug/l	100
80) 1,3,5-Trimethylbenzene	11.065	105	447606	49.244	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.521	75	42110	51.593	ug/l	100
82) 4-Chlorotoluene	11.071	91	435066	47.632	ug/l	100
83) tert-Butylbenzene	11.393	119	456064	48.170	ug/l	100
84) 1,2,4-Trimethylbenzene	11.444	105	439882	49.315	ug/l	100
85) sec-Butylbenzene	11.618	105	586569	49.044	ug/l	100
86) p-Isopropyltoluene	11.769	119	484842	50.499	ug/l	100
87) 1,3-Dichlorobenzene	11.721	146	251600	49.101	ug/l	100
88) 1,4-Dichlorobenzene	11.811	146	253846	47.351	ug/l	100
89) n-Butylbenzene	12.184	91	429557	48.716	ug/l	100
90) Hexachloroethane	12.447	117	71970	49.136	ug/l	100
91) 1,2-Dichlorobenzene	12.187	146	250751	49.013	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.968	75	43882	51.445	ug/l	100
93) 1,2,4-Trichlorobenzene	13.814	180	161180	49.417	ug/l	100
94) Hexachlorobutadiene	13.994	225	79820	48.569	ug/l	100
95) Naphthalene	14.058	128	483363	54.706	ug/l	100
96) 1,2,3-Trichlorobenzene	14.303	180	154581	50.977	ug/l	100

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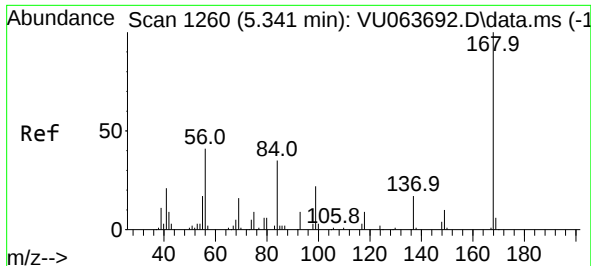
Quant Time: Nov 11 01:23:15 2025
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QLast Update : Tue Nov 11 01:18:58 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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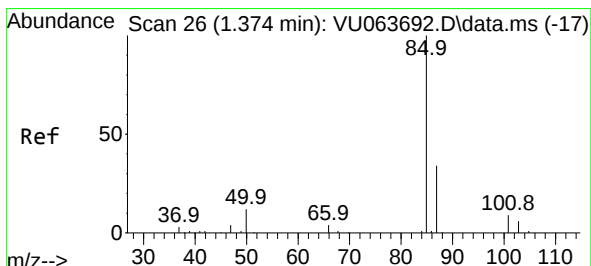
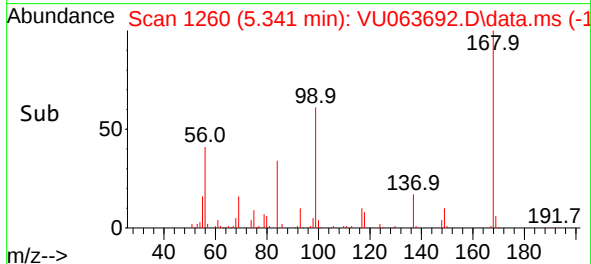
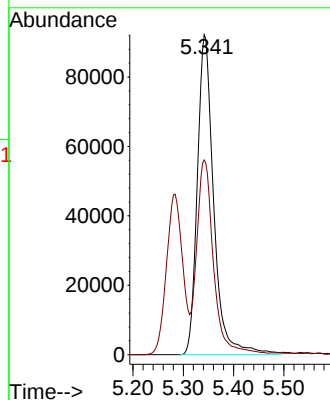
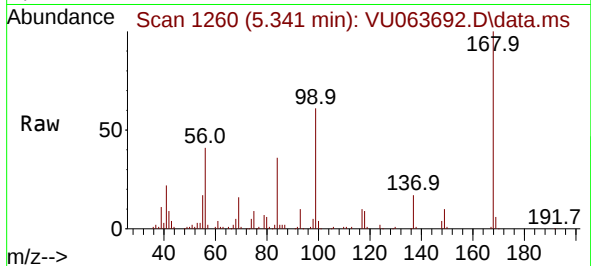




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.341 min Scan# 11
Delta R.T. 0.000 min
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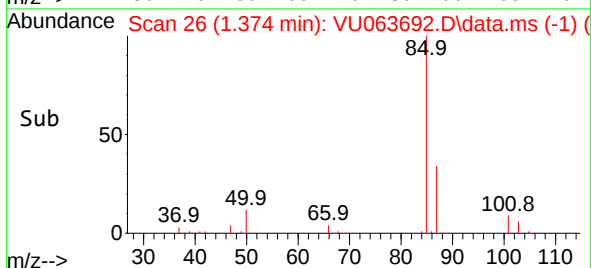
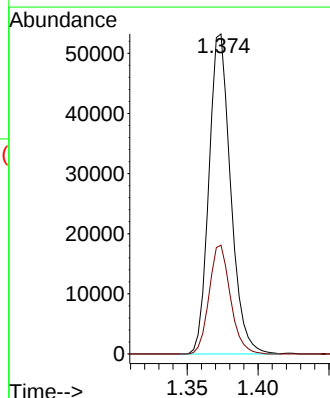
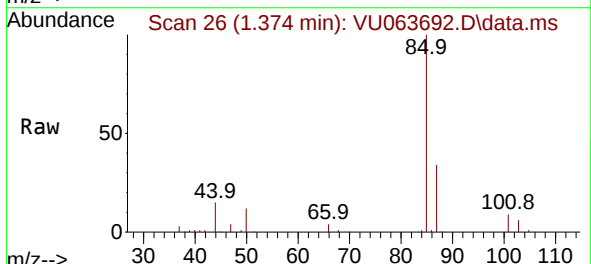
Instrument :
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ClientSampleId :
VSTDICCC050

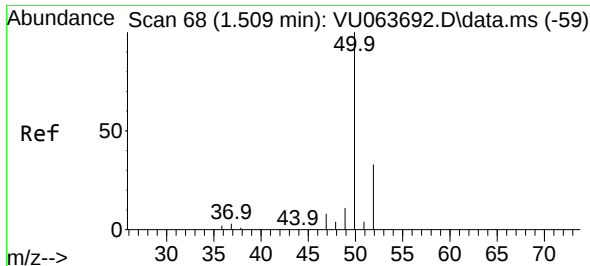
Tgt Ion:168 Resp: 208983
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 44.954 ug/l
RT: 1.374 min Scan# 26
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 85 Resp: 56736
Ion Ratio Lower Upper
85 100
87 34.0 17.0 51.0

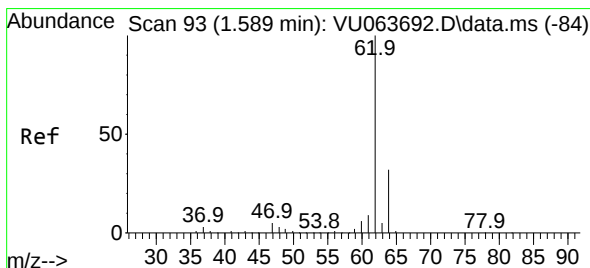
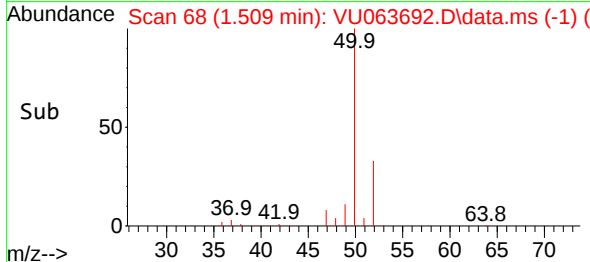
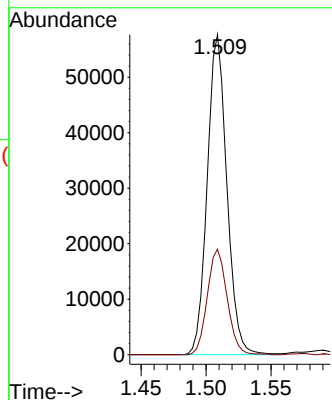
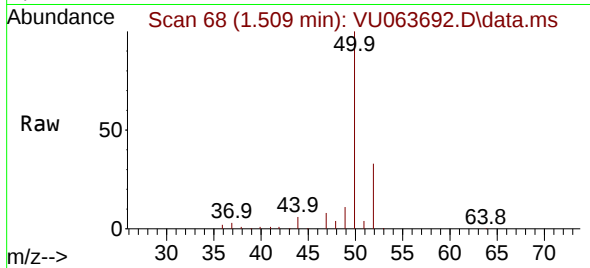




#3
Chloromethane
Concen: 49.158 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

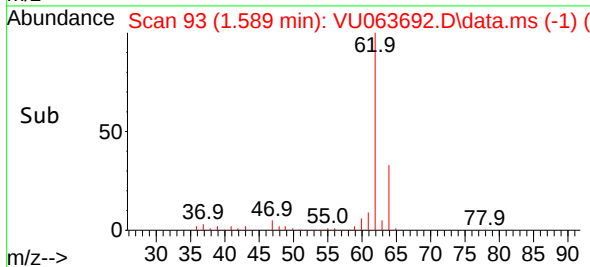
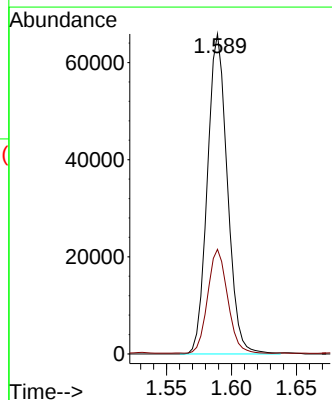
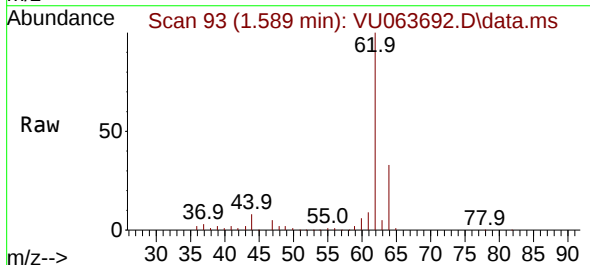
Instrument :
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ClientSampleId :
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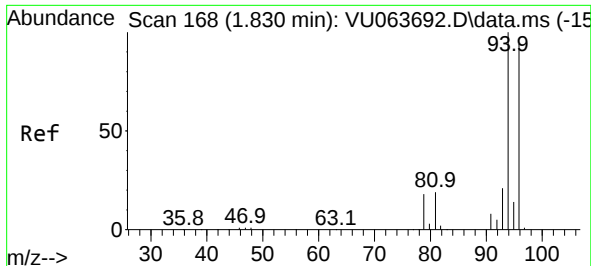
Tgt Ion: 50 Resp: 60647
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5



#4
Vinyl Chloride
Concen: 45.439 ug/l
RT: 1.589 min Scan# 93
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 62 Resp: 70536
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9

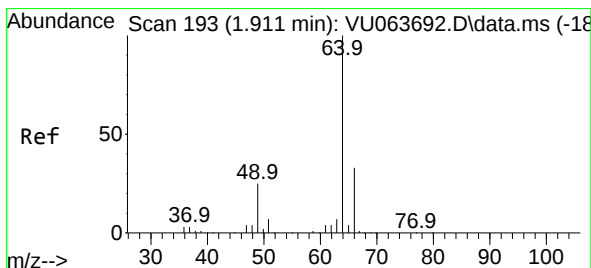
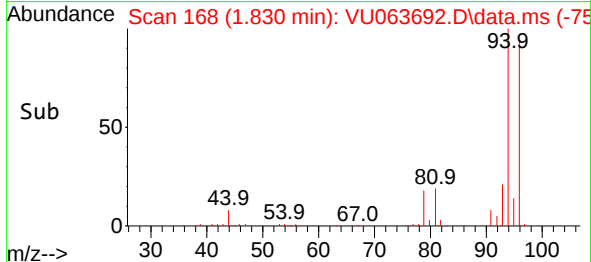
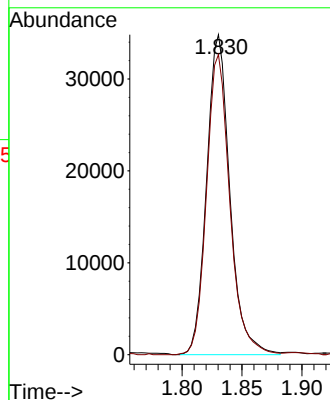
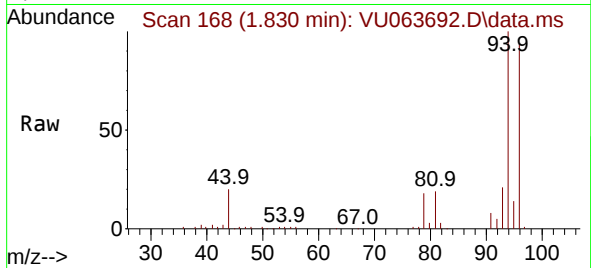




#5
Bromomethane
Concen: 49.558 ug/l
RT: 1.830 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

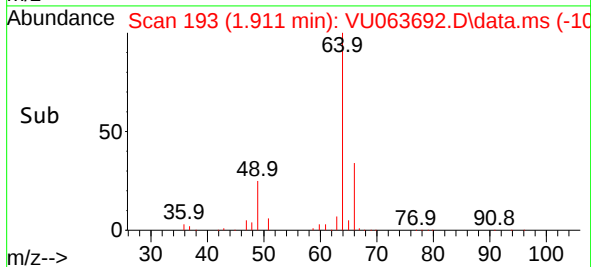
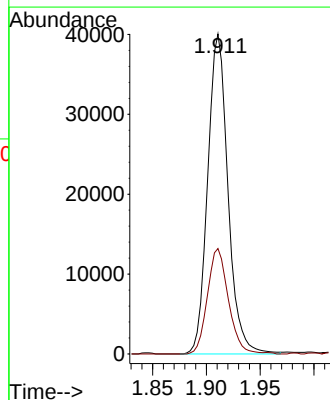
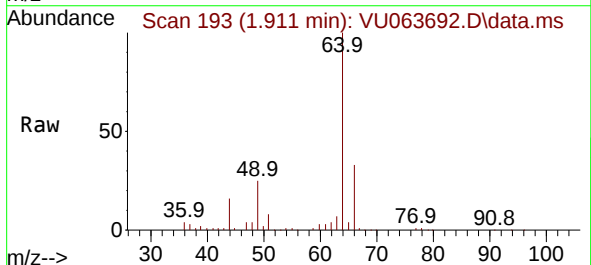
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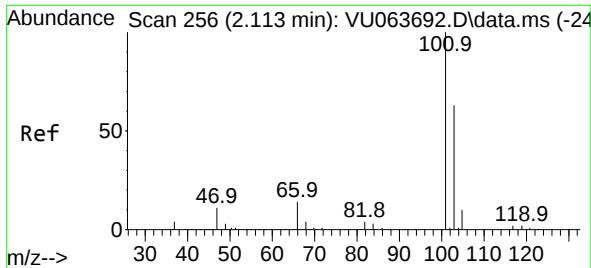
Tgt Ion: 94 Resp: 46998
Ion Ratio Lower Upper
94 100
96 93.5 74.8 112.2



#6
Chloroethane
Concen: 44.765 ug/l
RT: 1.911 min Scan# 193
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 64 Resp: 52552
Ion Ratio Lower Upper
64 100
66 33.0 26.4 39.6

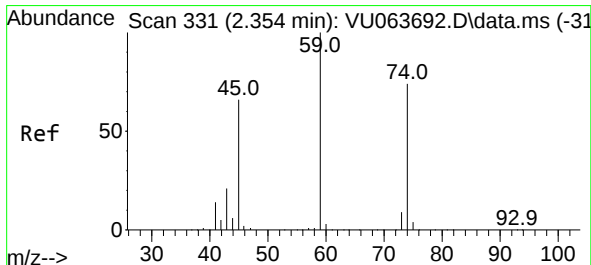
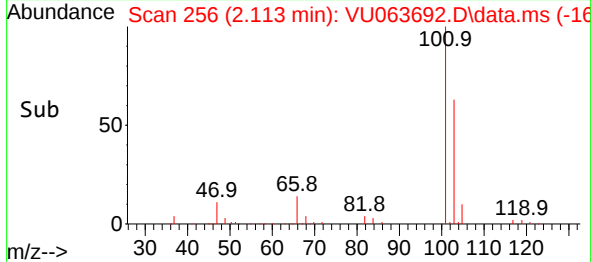
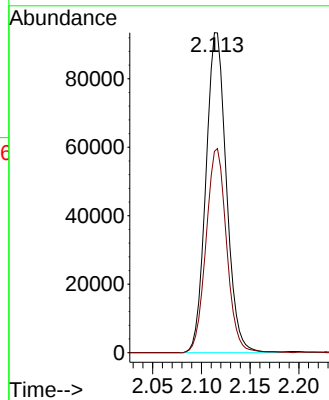
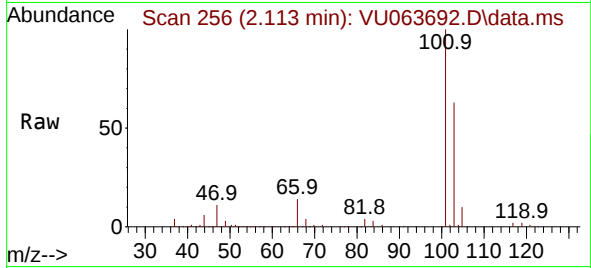




#7
 Trichlorofluoromethane
 Concen: 46.019 ug/l
 RT: 2.113 min Scan# 256
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

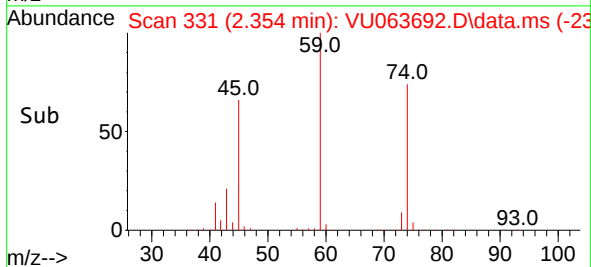
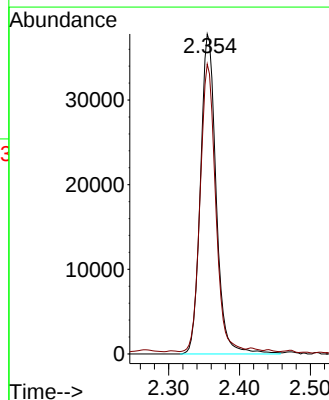
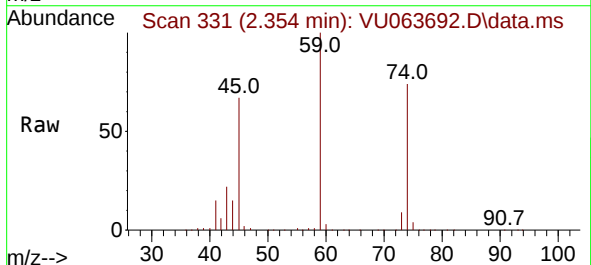
Instrument :
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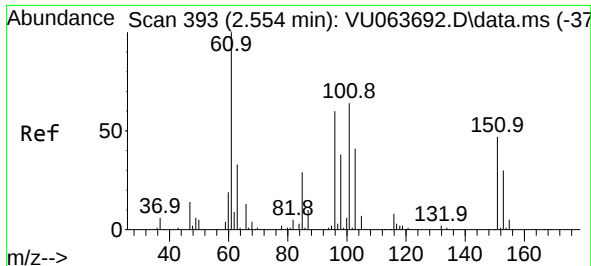
Tgt Ion:101 Resp: 136687
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.3 75.5



#8
 Diethyl Ether
 Concen: 46.000 ug/l
 RT: 2.354 min Scan# 331
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

Tgt Ion: 74 Resp: 58087
 Ion Ratio Lower Upper
 74 100
 45 88.3 44.1 132.4

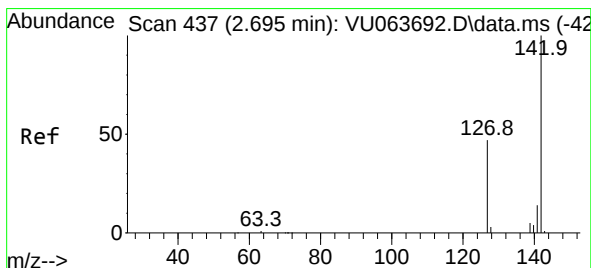
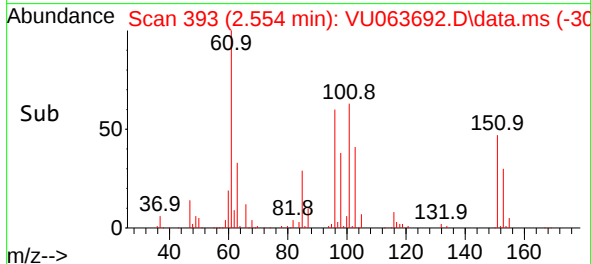
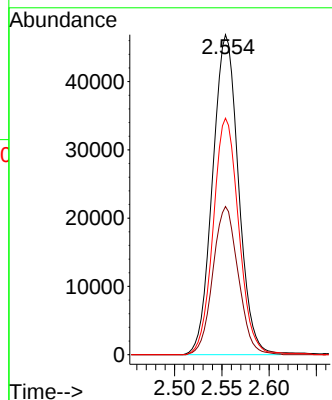
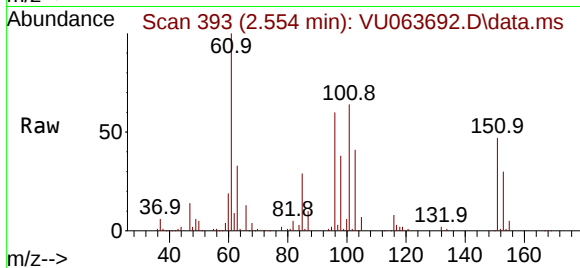




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.306 ug/l
RT: 2.554 min Scan# 393
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

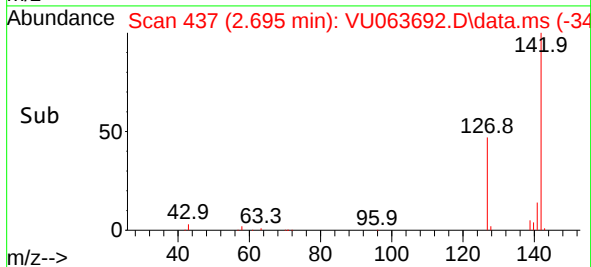
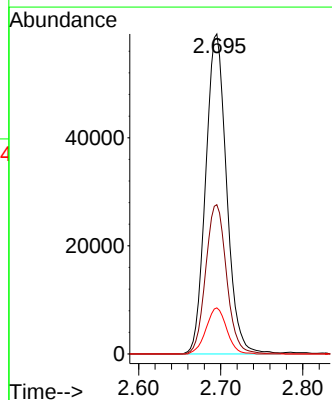
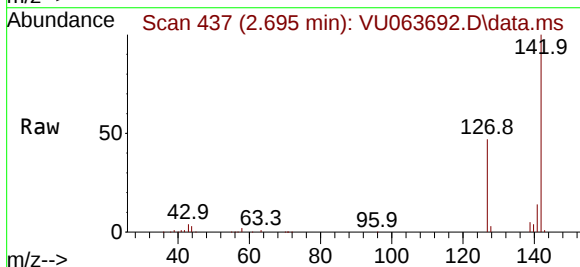
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

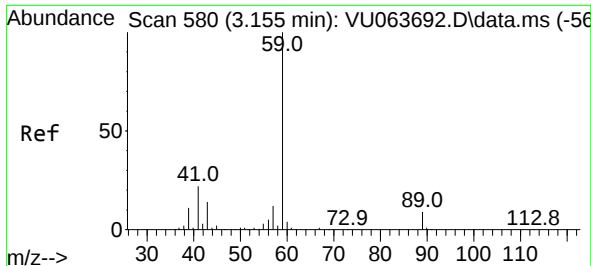
Tgt Ion:101 Resp: 89277
Ion Ratio Lower Upper
101 100
85 45.3 36.2 54.4
151 73.1 58.5 87.7



#10
Methyl Iodide
Concen: 50.282 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion:142 Resp: 105106
Ion Ratio Lower Upper
142 100
127 46.5 37.2 55.8
141 14.2 11.4 17.0

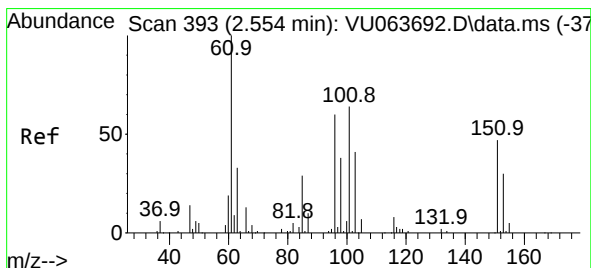
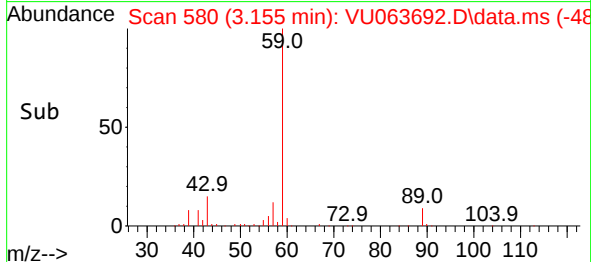
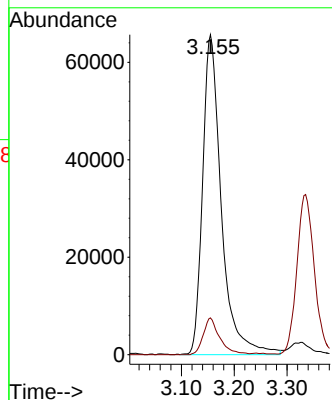
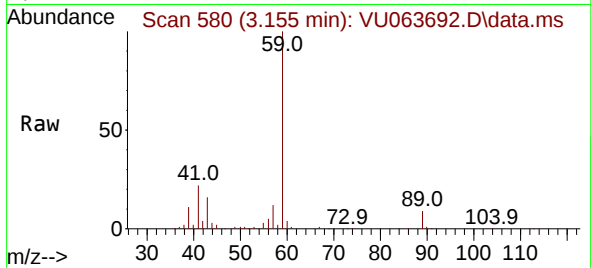




#11
Tert butyl alcohol
Concen: 224.351 ug/l
RT: 3.155 min Scan# 580
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

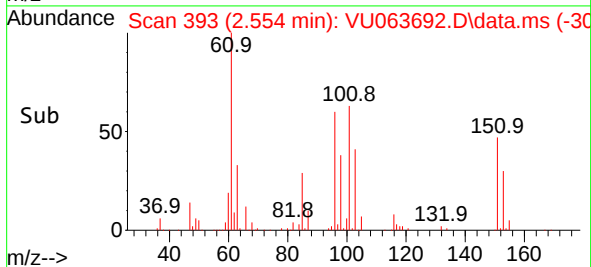
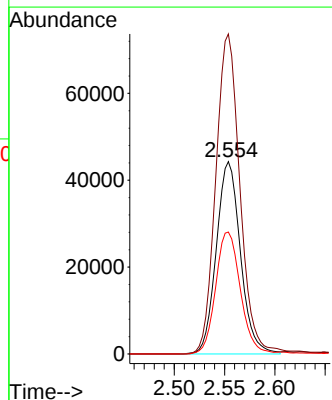
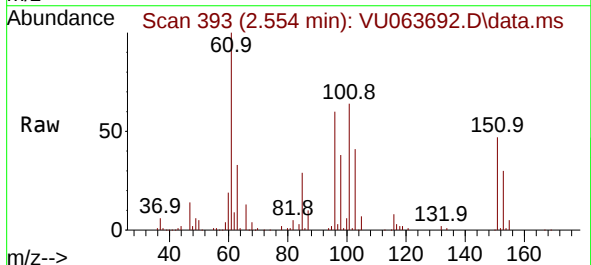
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

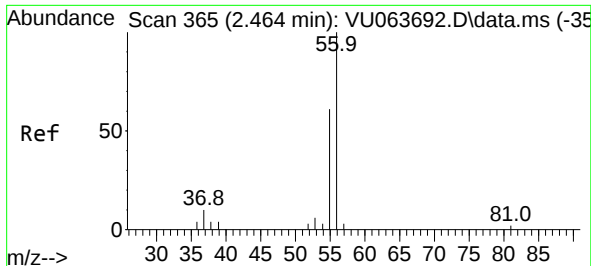
Tgt Ion: 59 Resp: 161595
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 45.551 ug/l
RT: 2.554 min Scan# 393
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 96 Resp: 74020
Ion Ratio Lower Upper
96 100
61 166.4 133.1 199.7
98 63.4 50.7 76.1





#13

Acrolein

Concen: 262.079 ug/l

RT: 2.464 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

Instrument :

MSVOA_U

ClientSampleId :

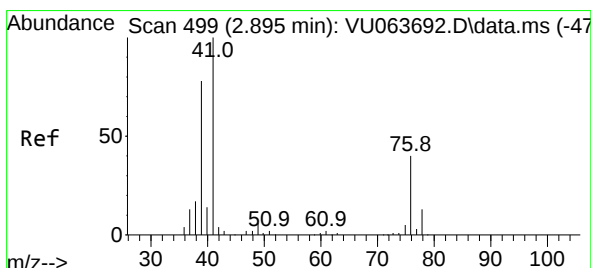
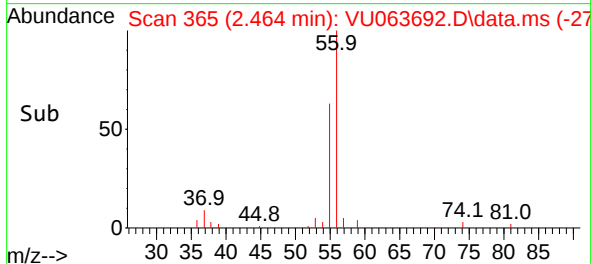
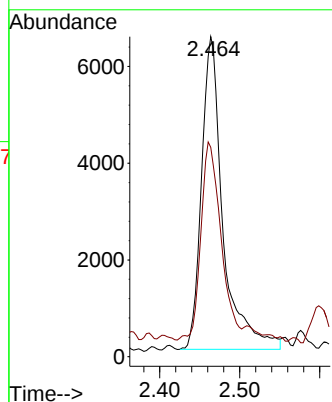
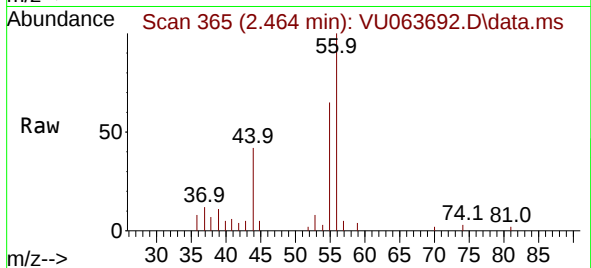
VSTDICCC050

Tgt Ion: 56 Resp: 12064

Ion Ratio Lower Upper

56 100

55 58.9 47.1 70.7



#14

Allyl chloride

Concen: 46.848 ug/l

RT: 2.895 min Scan# 499

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

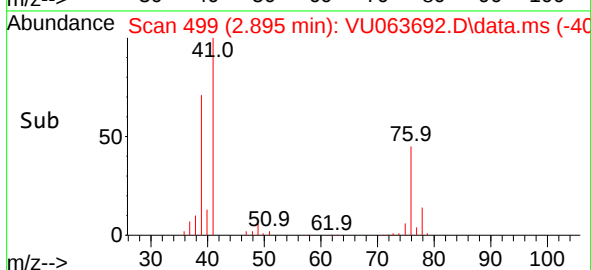
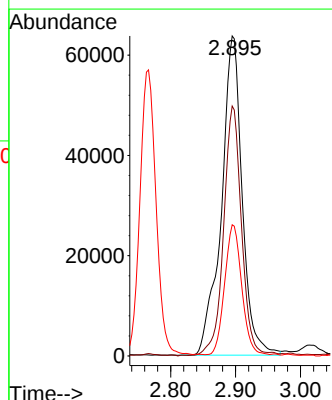
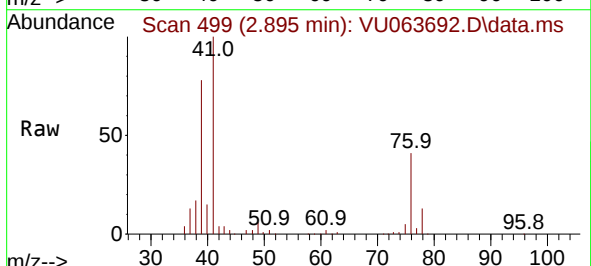
Tgt Ion: 41 Resp: 141981

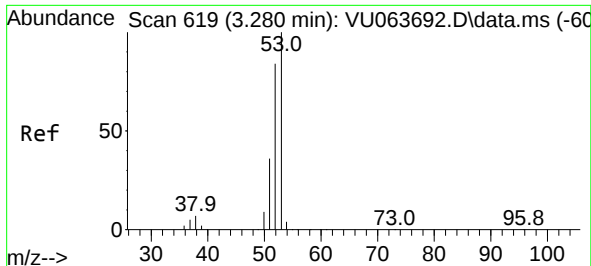
Ion Ratio Lower Upper

41 100

39 66.4 53.1 79.7

76 33.0 26.4 39.6

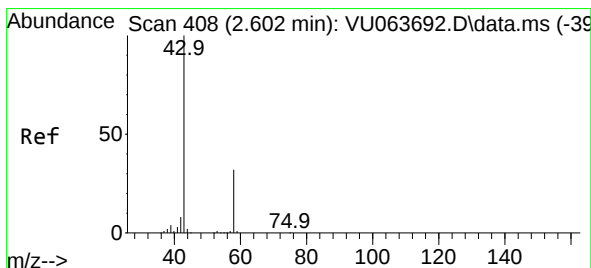
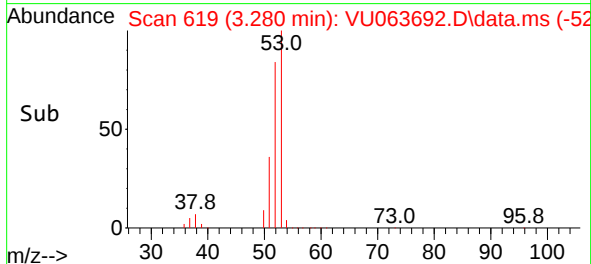
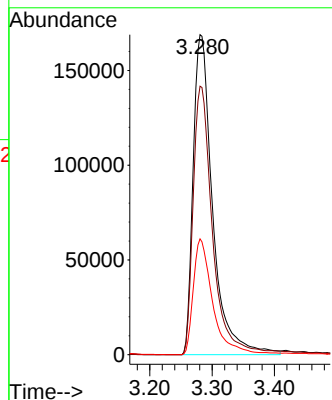
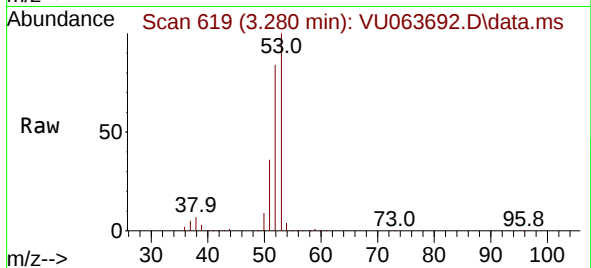




#15
Acrylonitrile
Concen: 248.740 ug/l
RT: 3.280 min Scan# 619
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

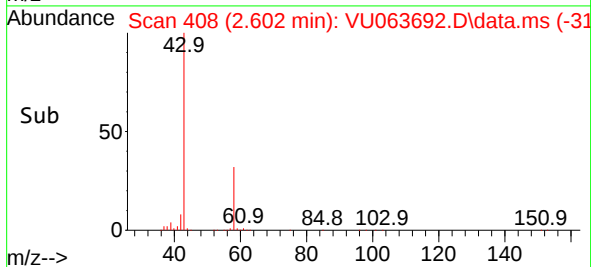
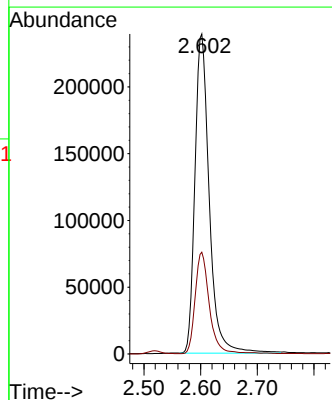
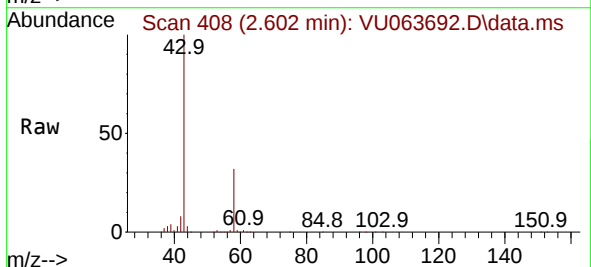
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

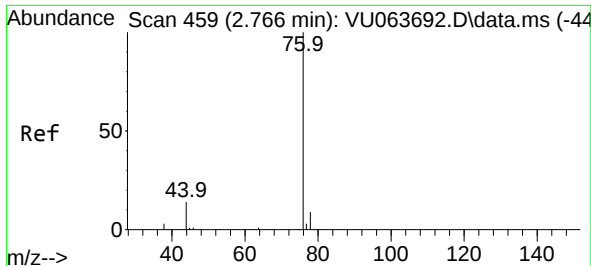
Tgt Ion: 53 Resp: 366921
Ion Ratio Lower Upper
53 100
52 84.4 67.5 101.3
51 36.3 29.0 43.6



#16
Acetone
Concen: 246.710 ug/l
RT: 2.602 min Scan# 408
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 43 Resp: 418538
Ion Ratio Lower Upper
43 100
58 31.8 25.4 38.2

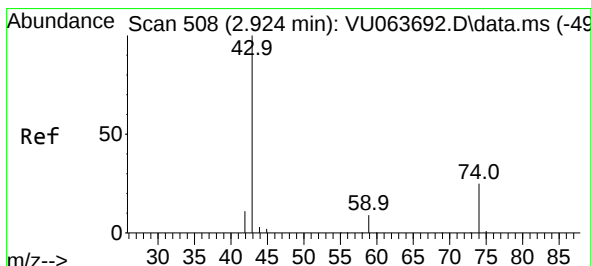
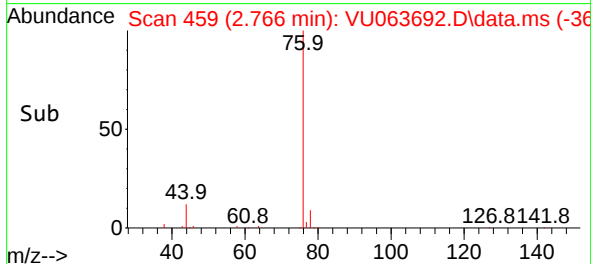
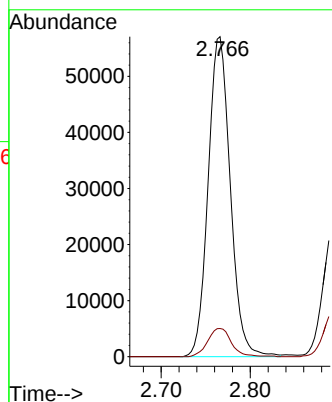
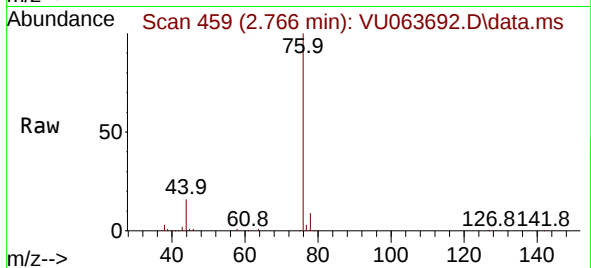




#17
Carbon Disulfide
Concen: 47.561 ug/l
RT: 2.766 min Scan# 459
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

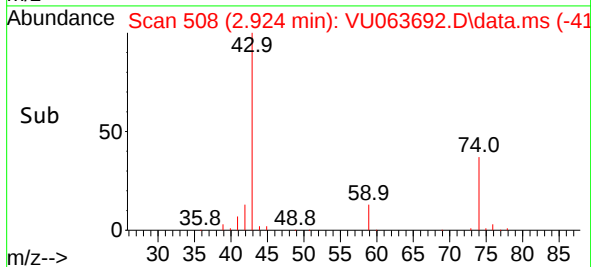
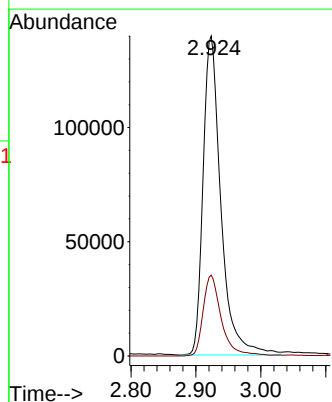
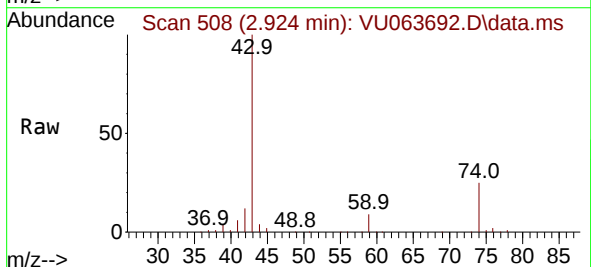
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

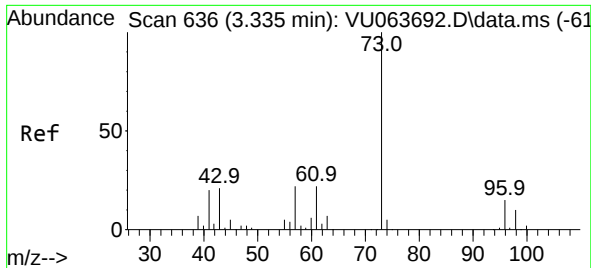
Tgt Ion: 76 Resp: 98485
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 49.307 ug/l
RT: 2.924 min Scan# 508
Delta R.T. -0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 43 Resp: 267153
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0

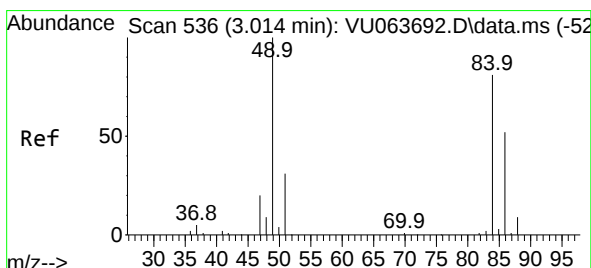
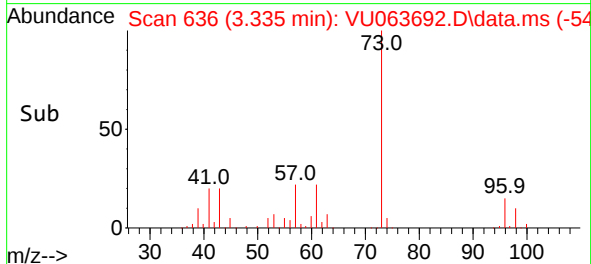
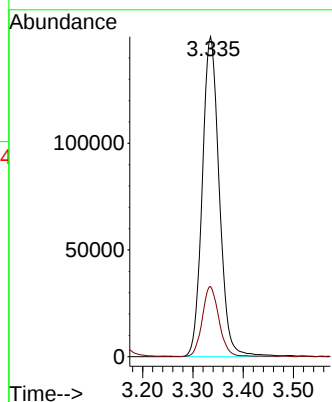
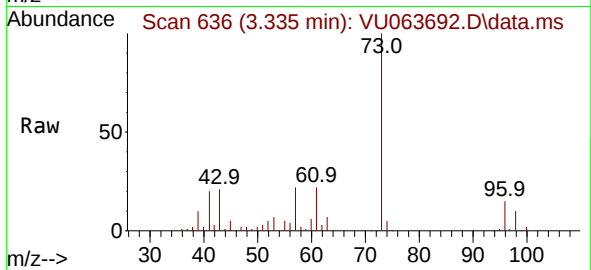




#19
Methyl tert-butyl Ether
Concen: 48.033 ug/l
RT: 3.335 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

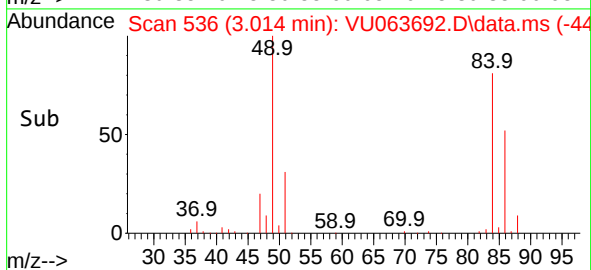
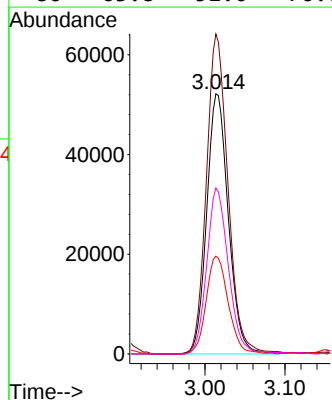
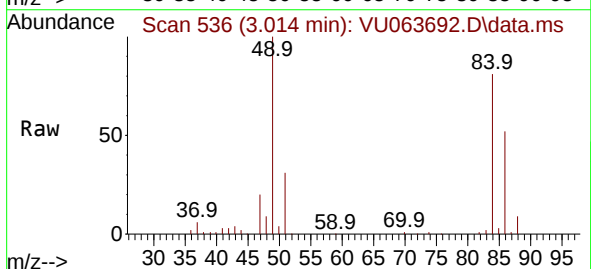
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

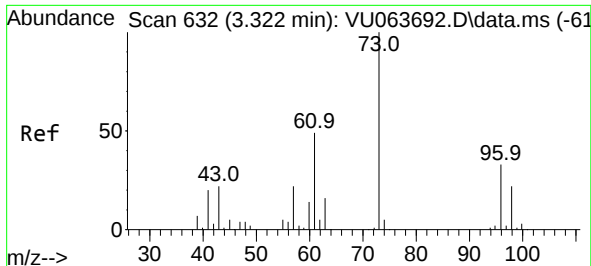
Tgt Ion: 73 Resp: 352185
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 49.368 ug/l
RT: 3.014 min Scan# 536
Delta R.T. -0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 84 Resp: 98310
Ion Ratio Lower Upper
84 100
49 123.0 98.4 147.6
51 37.6 30.1 45.1
86 63.8 51.0 76.6

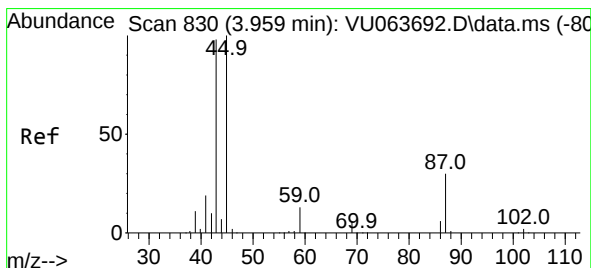
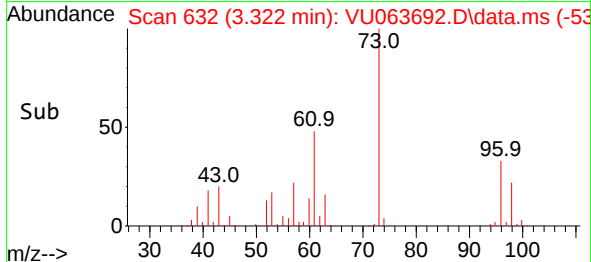
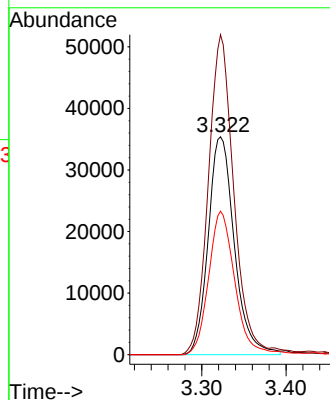
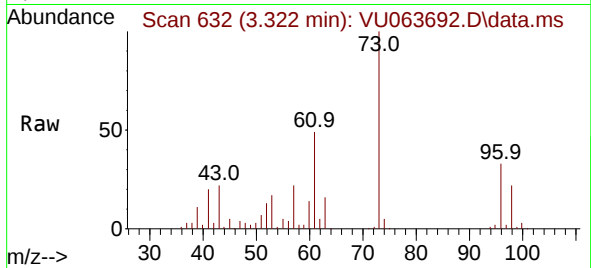




#21
trans-1,2-Dichloroethene
Concen: 45.750 ug/l
RT: 3.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

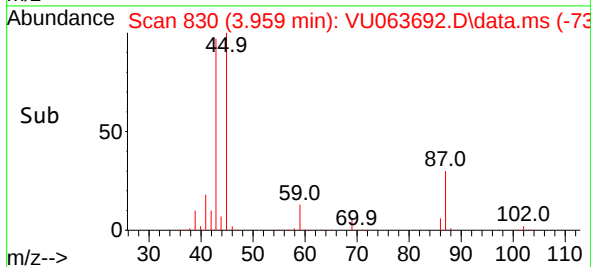
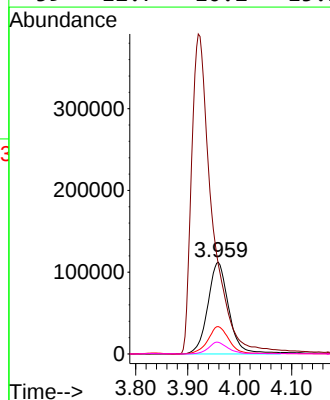
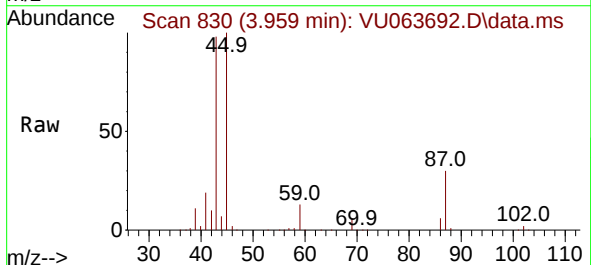
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

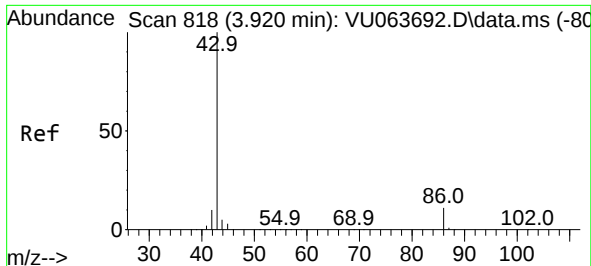
Tgt Ion: 96 Resp: 76326
Ion Ratio Lower Upper
96 100
61 146.9 117.5 176.3
98 65.9 52.7 79.1



#22
Diisopropyl ether
Concen: 47.139 ug/l
RT: 3.959 min Scan# 830
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 45 Resp: 314648
Ion Ratio Lower Upper
45 100
43 97.6 78.1 117.1
87 29.8 23.8 35.8
59 12.7 10.2 15.2

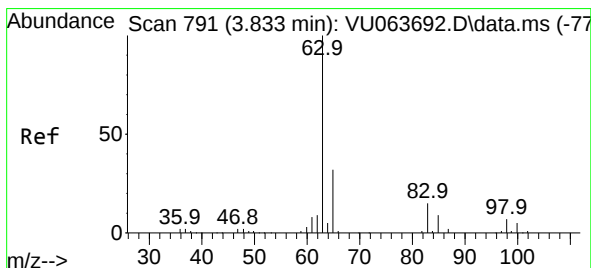
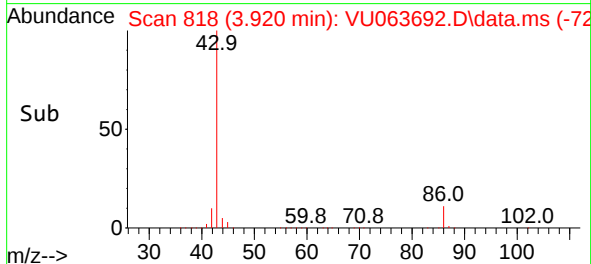
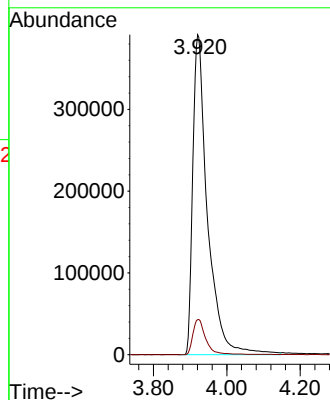
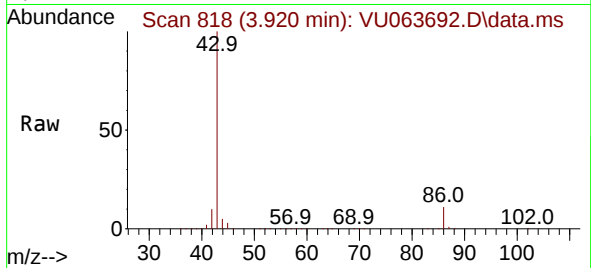




#23
 Vinyl Acetate
 Concen: 239.683 ug/l
 RT: 3.920 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

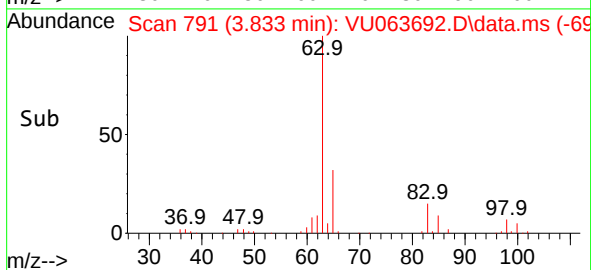
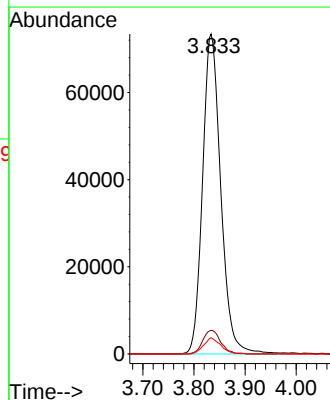
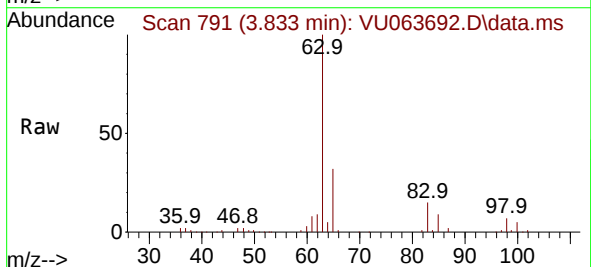
Instrument :
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 VSTDICCC050

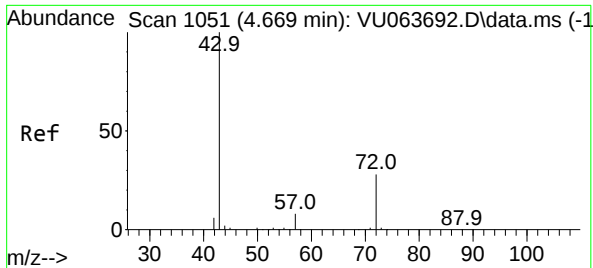
Tgt Ion: 43 Resp: 1091076
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 47.182 ug/l
 RT: 3.833 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

Tgt Ion: 63 Resp: 181636
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 5.0 2.5 7.5

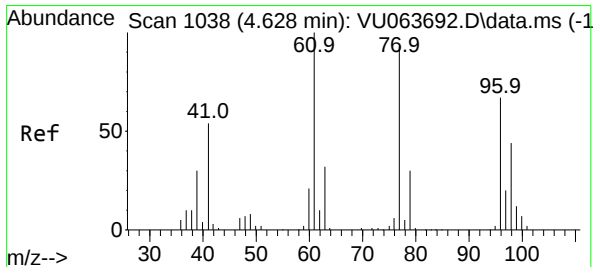
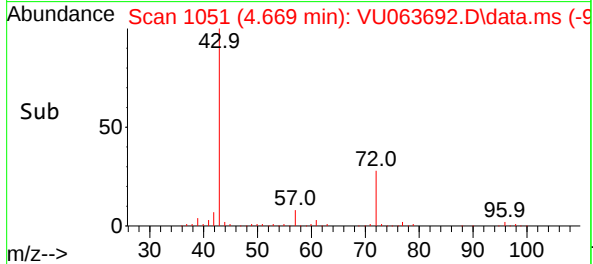
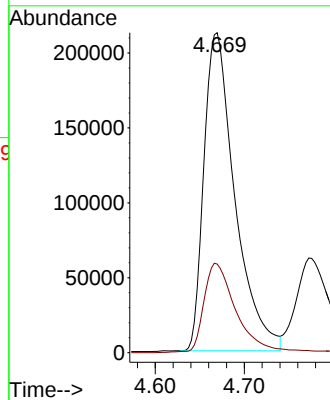
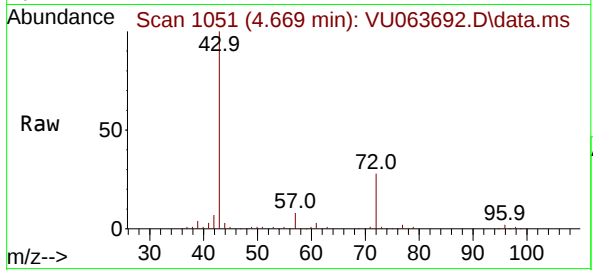




#25
2-Butanone
Concen: 240.668 ug/l
RT: 4.669 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

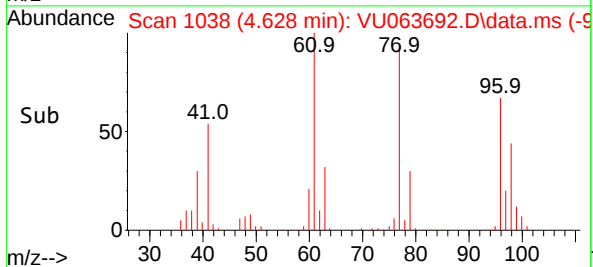
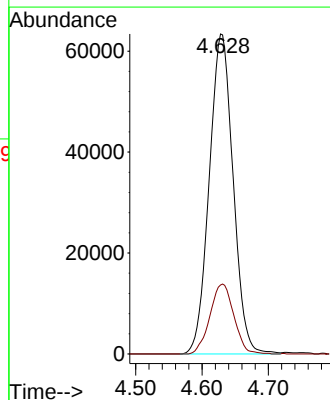
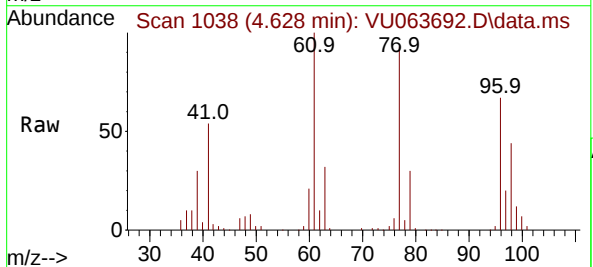
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

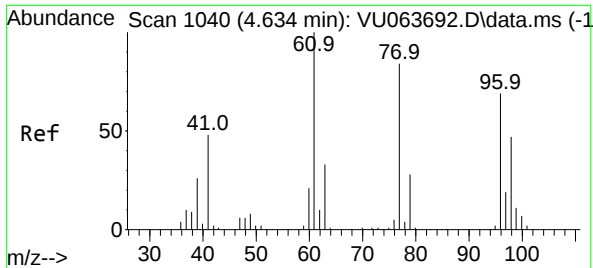
Tgt Ion: 43 Resp: 511567
Ion Ratio Lower Upper
43 100
72 27.5 22.0 33.0



#26
2,2-Dichloropropane
Concen: 47.919 ug/l
RT: 4.628 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 77 Resp: 158440
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9

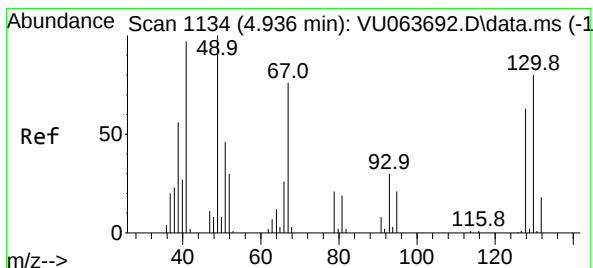
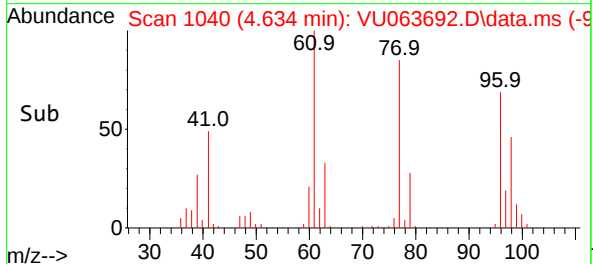
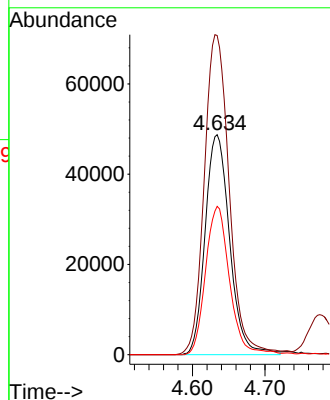
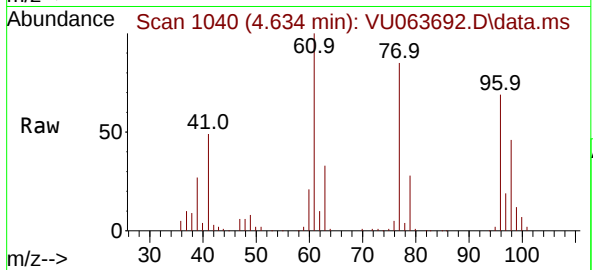




#27
 cis-1,2-Dichloroethene
 Concen: 47.047 ug/l
 RT: 4.634 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

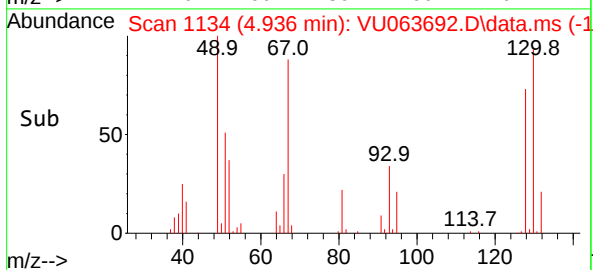
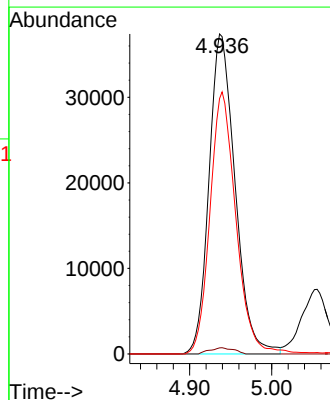
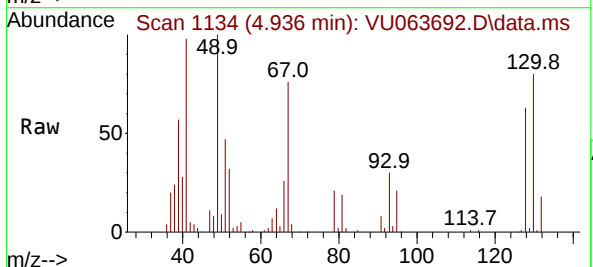
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

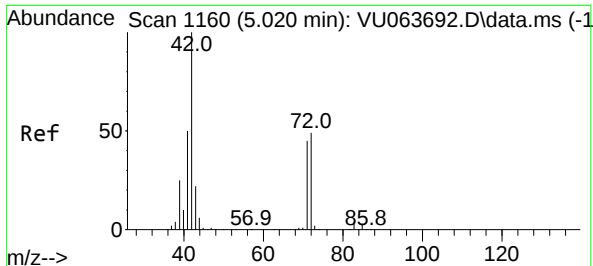
Tgt Ion: 96 Resp: 114674
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 295.4
 98 65.9 0.0 131.8



#28
 Bromochloromethane
 Concen: 53.662 ug/l
 RT: 4.936 min Scan# 1134
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

Tgt Ion: 49 Resp: 82661
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 81.4 65.1 97.7

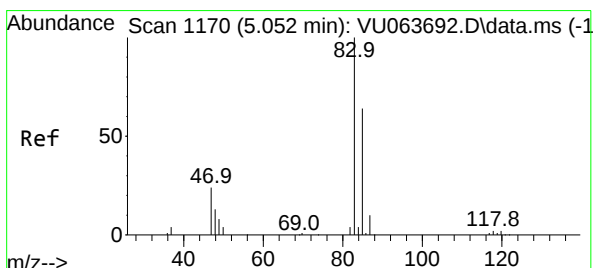
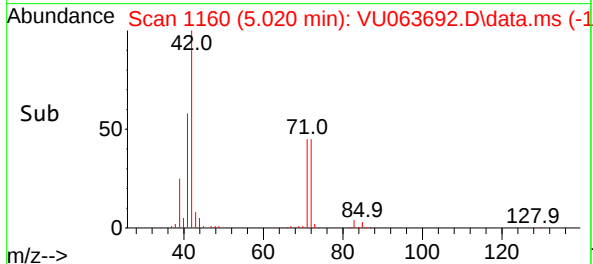
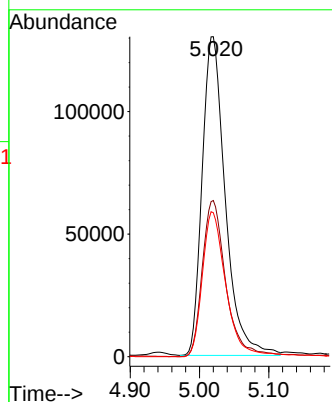
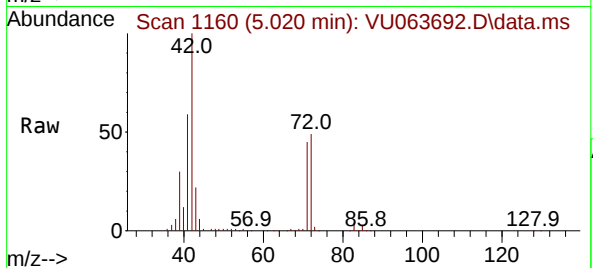




#29
Tetrahydrofuran
Concen: 243.576 ug/l
RT: 5.020 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

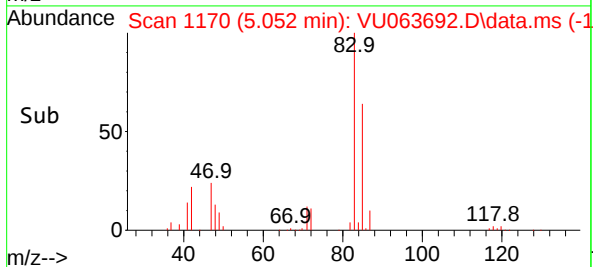
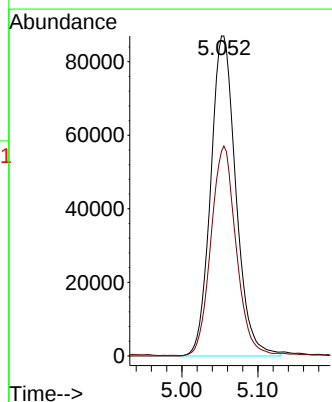
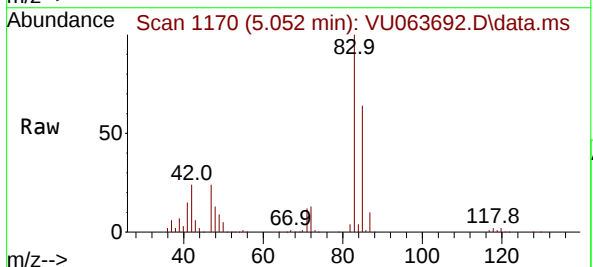
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

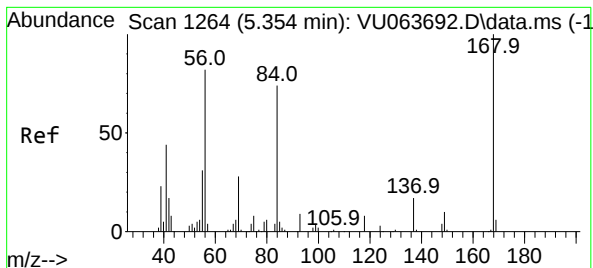
Tgt Ion: 42 Resp: 301269
Ion Ratio Lower Upper
42 100
72 50.0 40.0 60.0
71 46.7 37.4 56.0



#30
Chloroform
Concen: 47.472 ug/l
RT: 5.052 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 83 Resp: 200218
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.6





#31

Cyclohexane

Concen: 48.539 ug/l

RT: 5.354 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

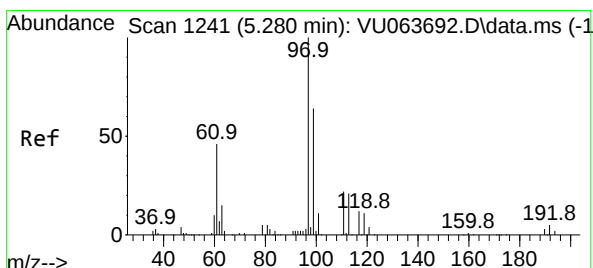
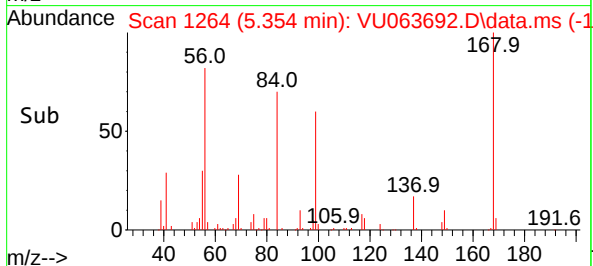
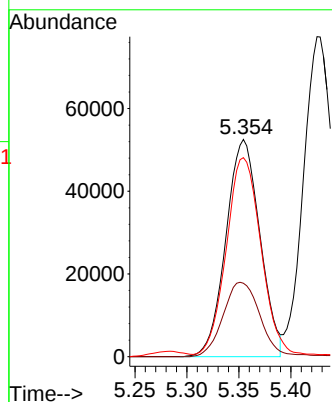
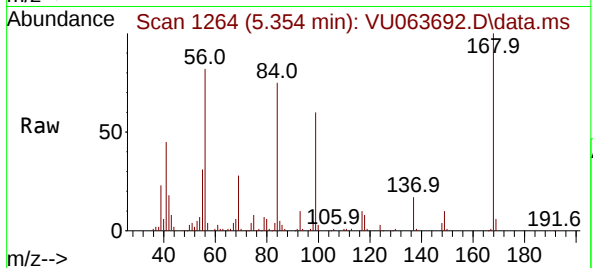
Tgt Ion: 56 Resp: 119314

Ion Ratio Lower Upper

56 100

69 33.8 27.0 40.6

84 89.7 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 48.357 ug/l

RT: 5.280 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

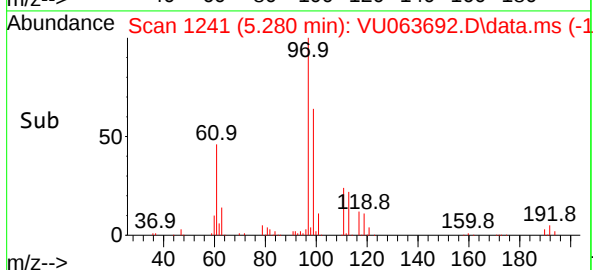
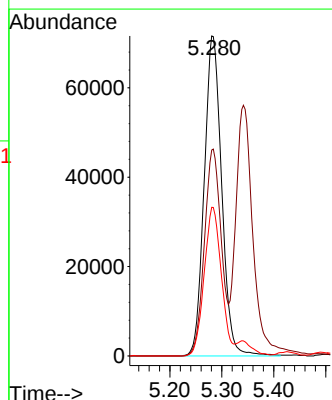
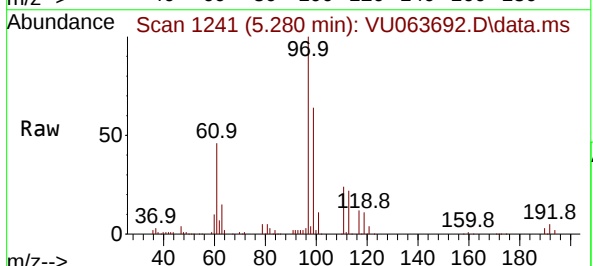
Tgt Ion: 97 Resp: 167358

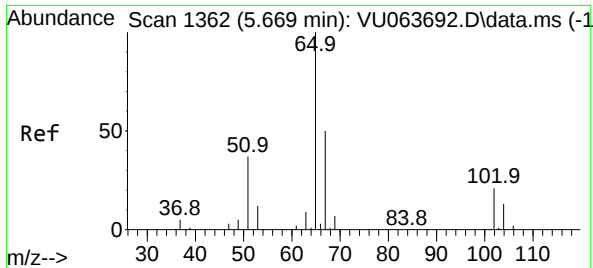
Ion Ratio Lower Upper

97 100

99 62.3 49.8 74.8

61 45.8 36.6 55.0

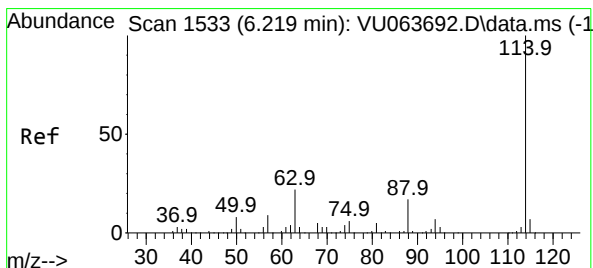
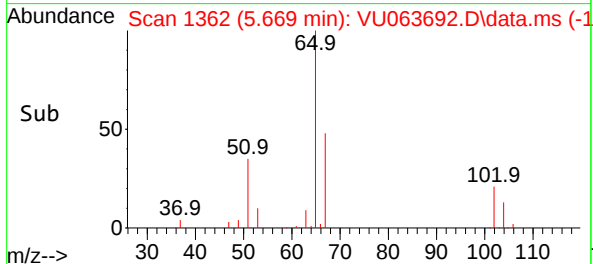
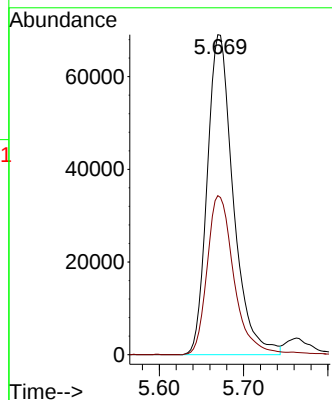
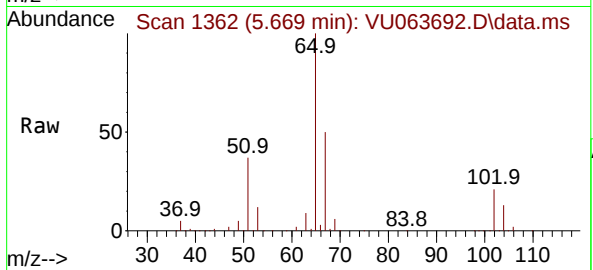




#33
 1,2-Dichloroethane-d4
 Concen: 48.060 ug/l
 RT: 5.669 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

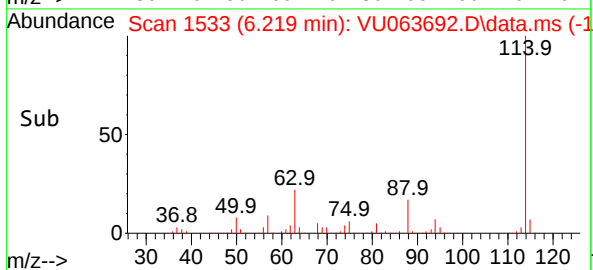
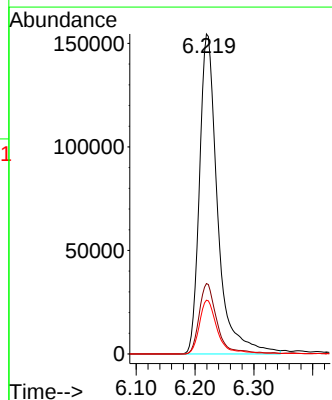
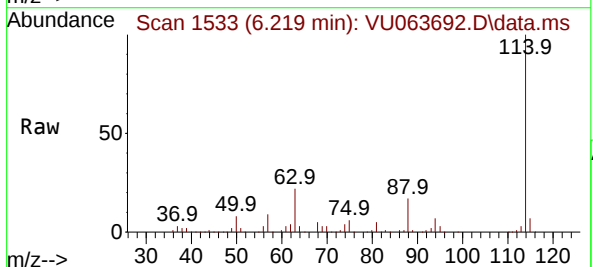
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

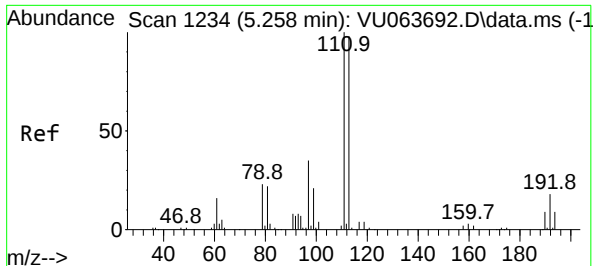
Tgt Ion: 65 Resp: 148369
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.219 min Scan# 1533
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

Tgt Ion: 114 Resp: 331384
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.0
 88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.210 ug/l

RT: 5.258 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

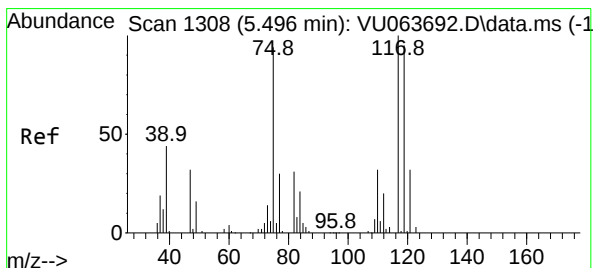
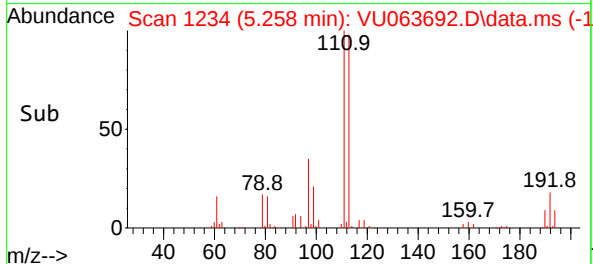
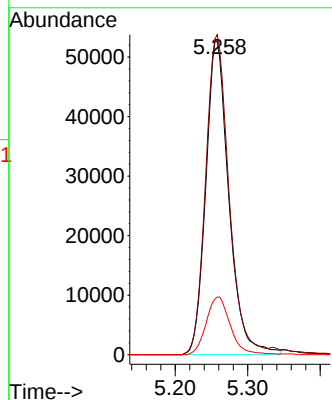
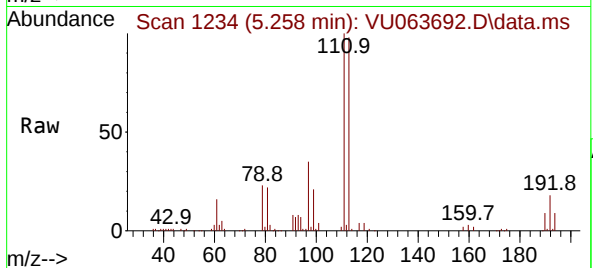
Tgt Ion:113 Resp: 116538

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 19.2 15.4 23.0



#36

1,1-Dichloropropene

Concen: 48.016 ug/l

RT: 5.496 min Scan# 1308

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

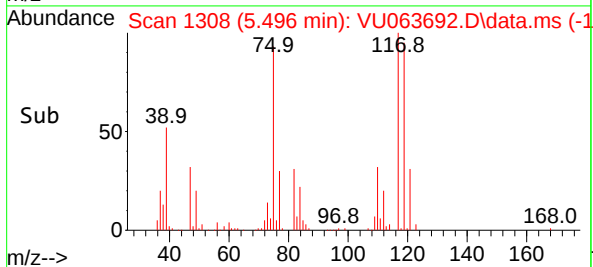
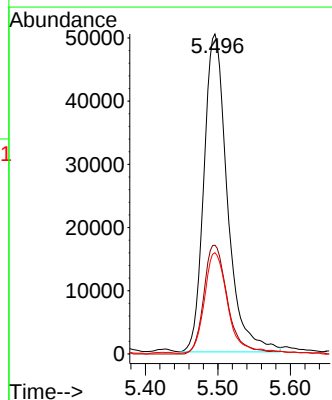
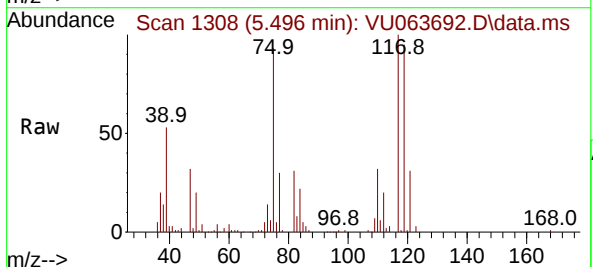
Tgt Ion: 75 Resp: 113430

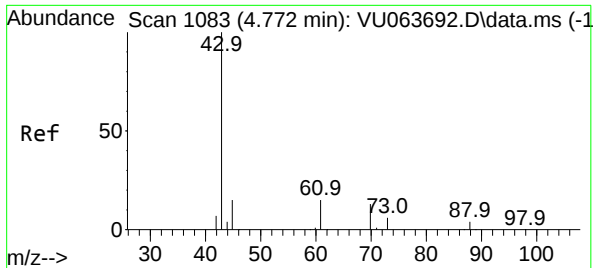
Ion Ratio Lower Upper

75 100

110 34.5 17.3 51.7

77 30.5 24.4 36.6

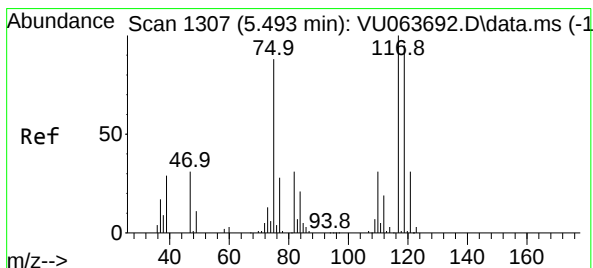
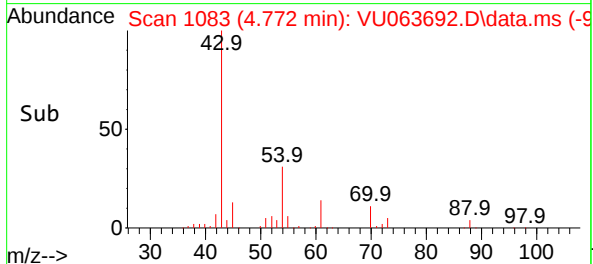
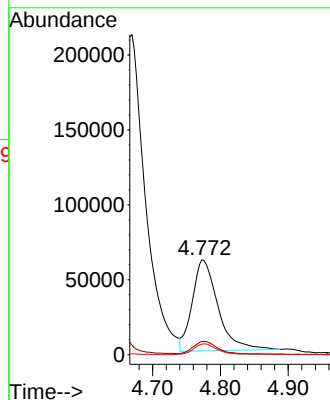
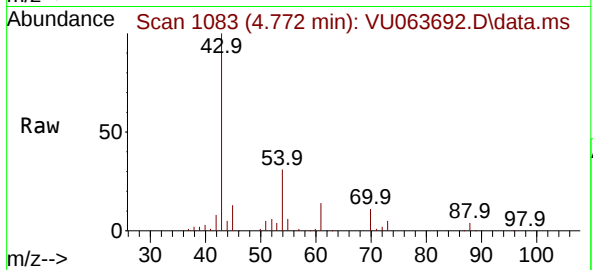




#37
Ethyl Acetate
Concen: 47.699 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

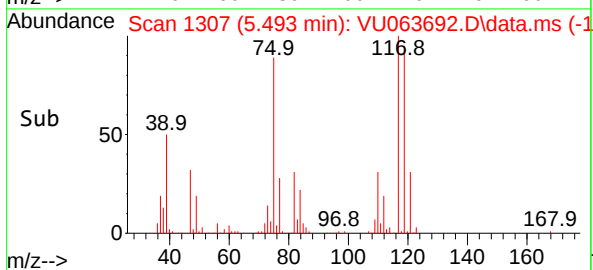
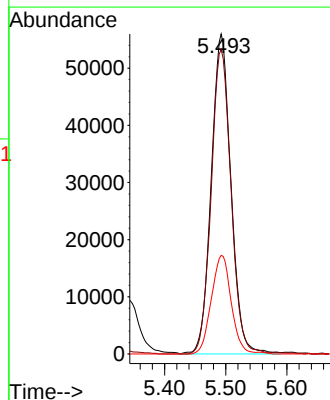
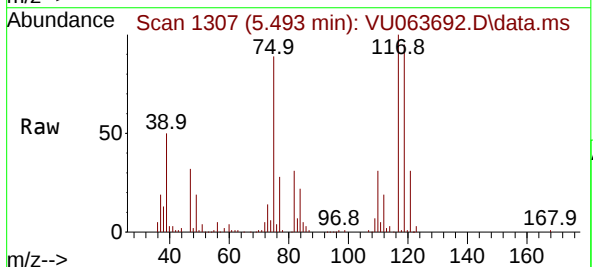
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

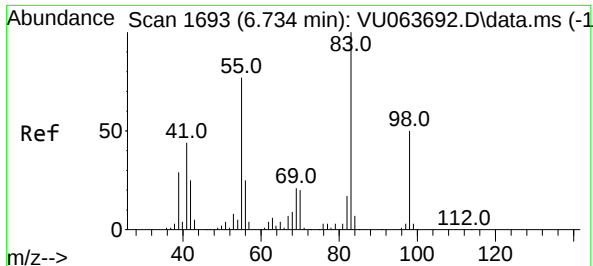
Tgt Ion: 43 Resp: 160204
Ion Ratio Lower Upper
43 100
61 12.9 10.3 15.5
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 49.146 ug/l
RT: 5.493 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 117 Resp: 125480
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 48.336 ug/l

RT: 6.734 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

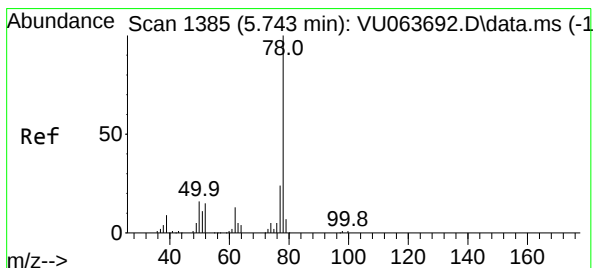
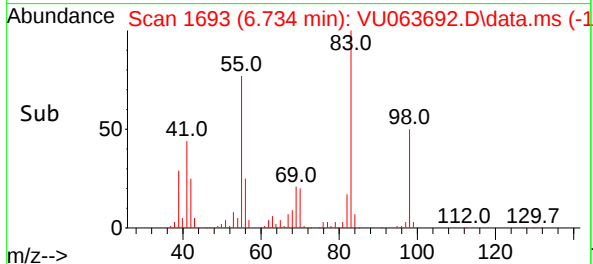
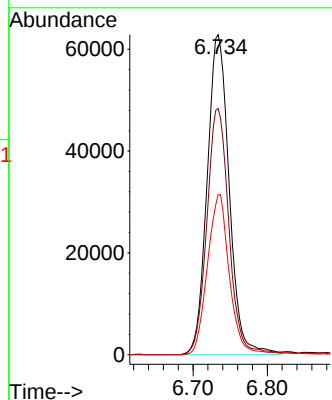
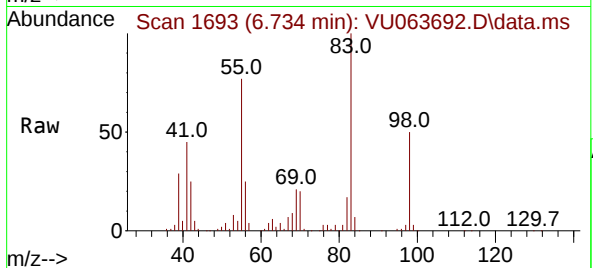
Tgt Ion: 83 Resp: 129641

Ion Ratio Lower Upper

83 100

55 77.0 61.6 92.4

98 50.0 40.0 60.0



#40

Benzene

Concen: 48.722 ug/l

RT: 5.743 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU063692.D

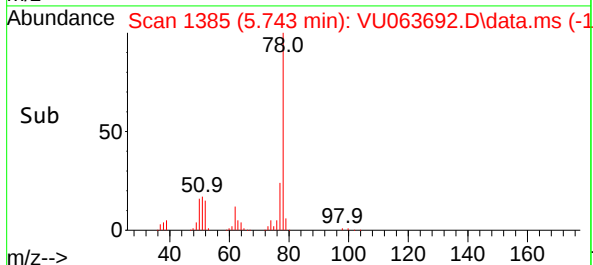
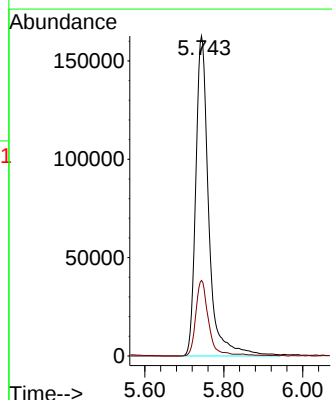
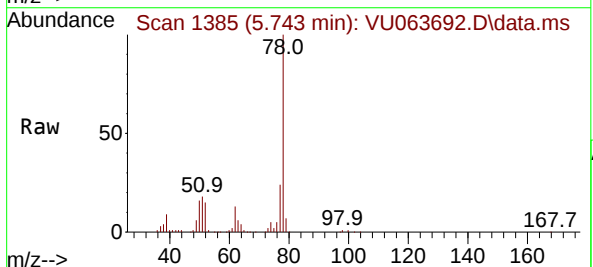
Acq: 10 Nov 2025 13:10

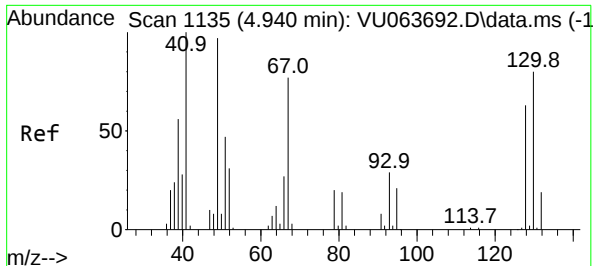
Tgt Ion: 78 Resp: 371421

Ion Ratio Lower Upper

78 100

77 23.6 18.9 28.3



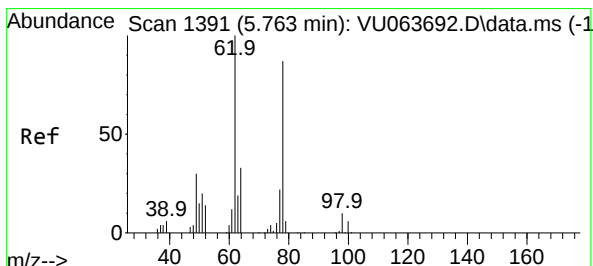
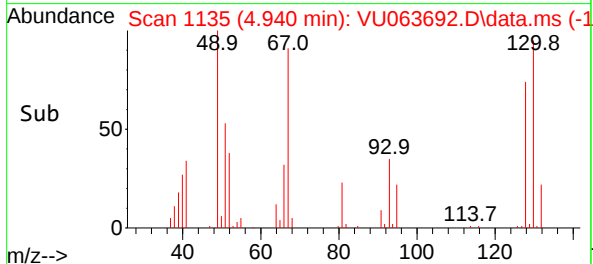
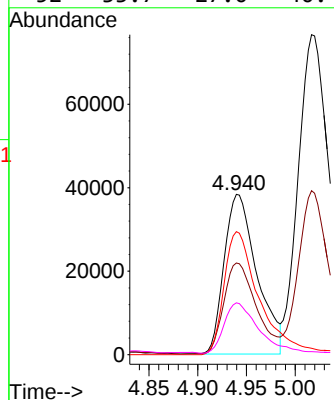
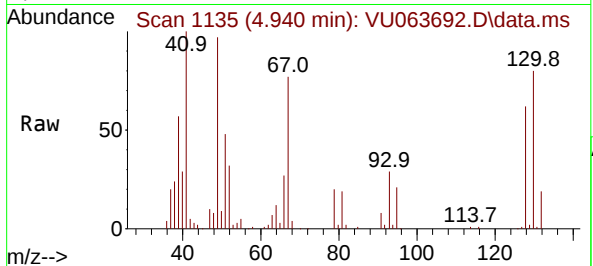


#41
Methacrylonitrile
Concen: 51.548 ug/l
RT: 4.940 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 89615

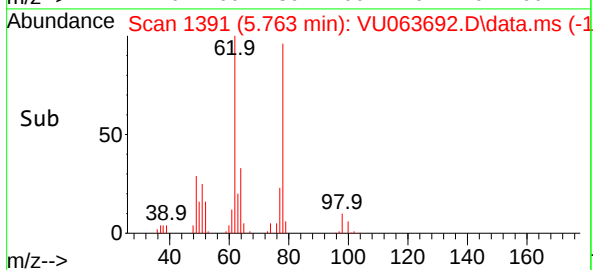
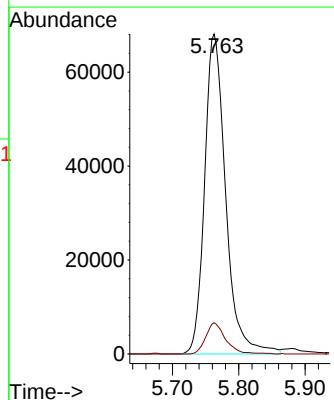
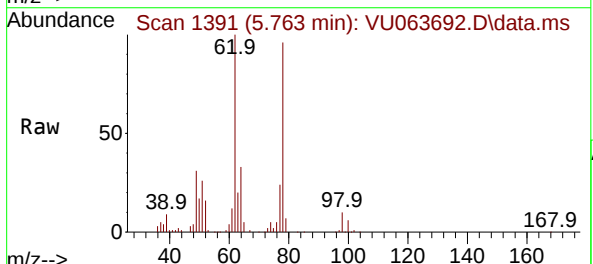
Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.7	67.1
67	84.3	67.4	101.2
52	33.7	27.0	40.4

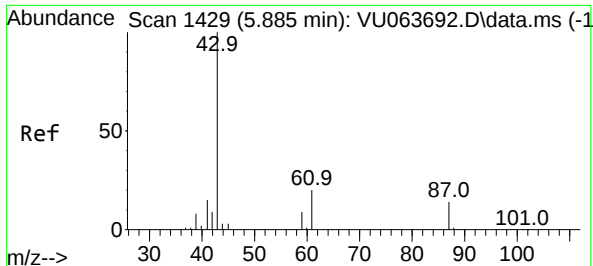


#42
1,2-Dichloroethane
Concen: 50.008 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 62 Resp: 150356

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





#43

Isopropyl Acetate

Concen: 50.893 ug/l

RT: 5.885 min Scan# 1429

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

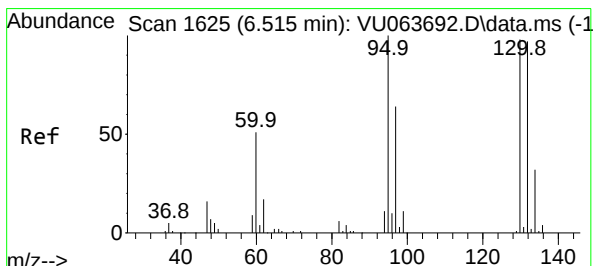
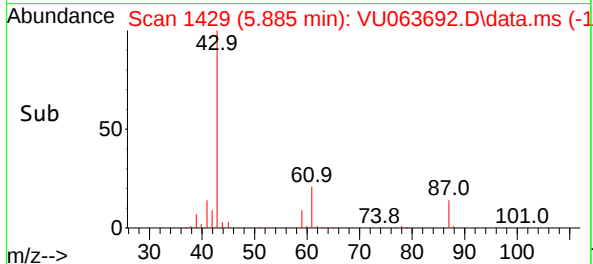
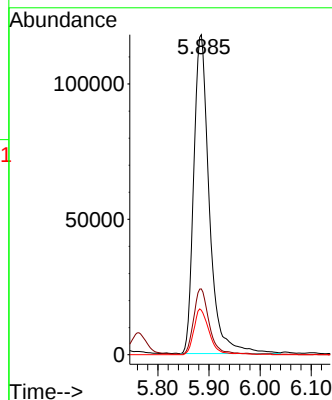
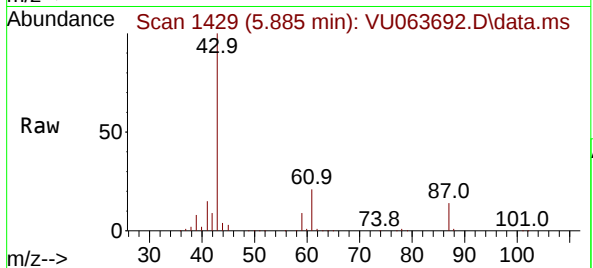
Tgt Ion: 43 Resp: 249521

Ion Ratio Lower Upper

43 100

61 19.9 15.9 23.9

87 13.8 11.0 16.6



#44

Trichloroethene

Concen: 47.405 ug/l

RT: 6.515 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VU063692.D

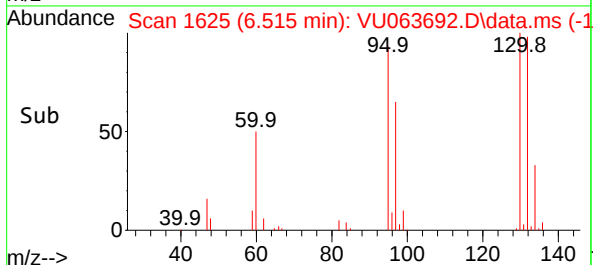
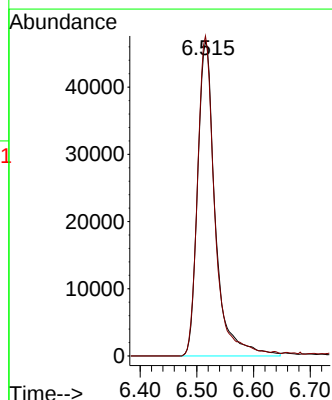
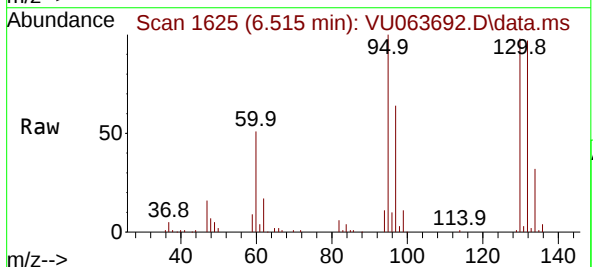
Acq: 10 Nov 2025 13:10

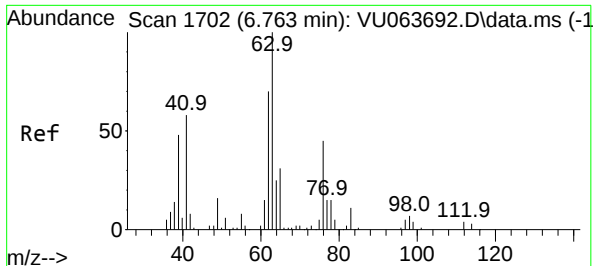
Tgt Ion: 130 Resp: 101387

Ion Ratio Lower Upper

130 100

95 101.8 0.0 203.6





#45

1,2-Dichloropropane

Concen: 50.505 ug/l

RT: 6.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

Instrument :

MSVOA_U

ClientSampleId :

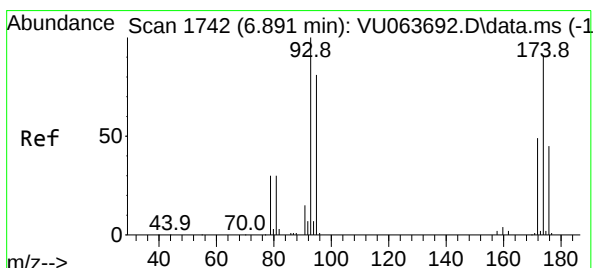
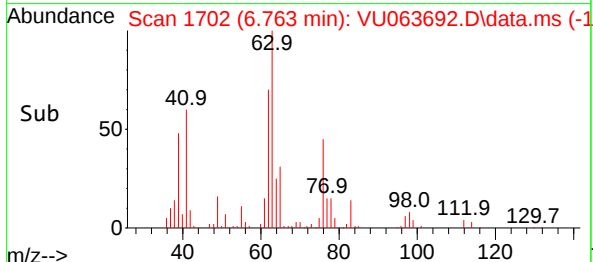
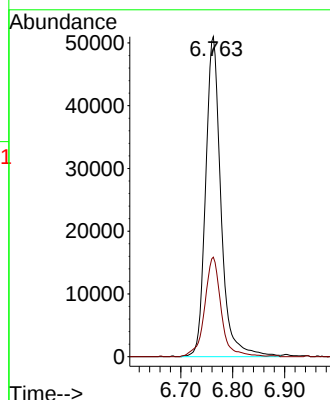
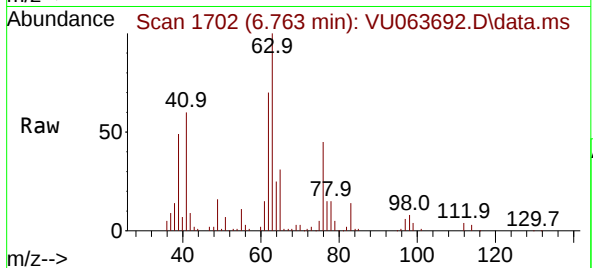
VSTDICCC050

Tgt Ion: 63 Resp: 104662

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



#46

Dibromomethane

Concen: 50.860 ug/l

RT: 6.891 min Scan# 1742

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

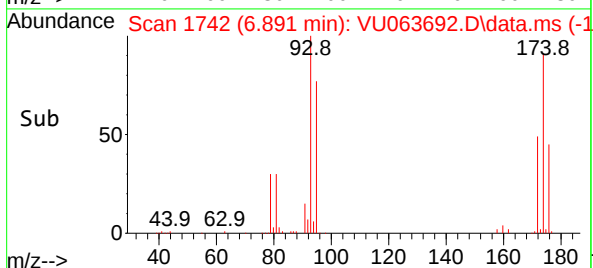
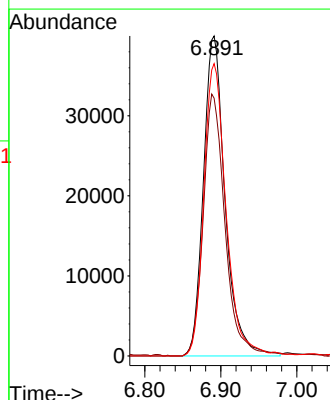
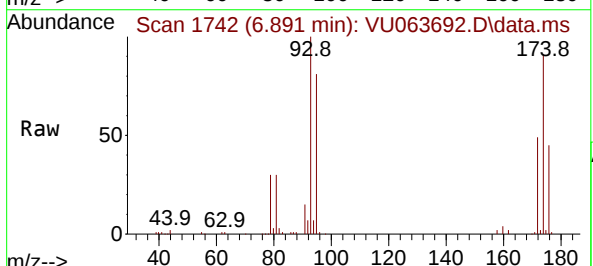
Tgt Ion: 93 Resp: 79140

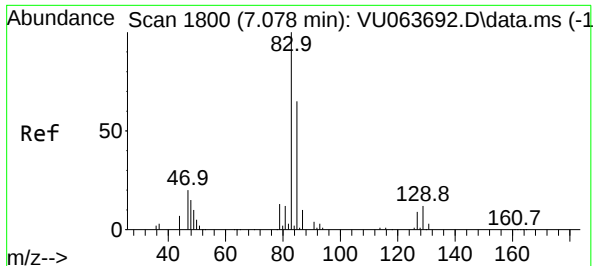
Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

174 93.6 74.9 112.3





#47

Bromodichloromethane

Concen: 50.161 ug/l

RT: 7.078 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

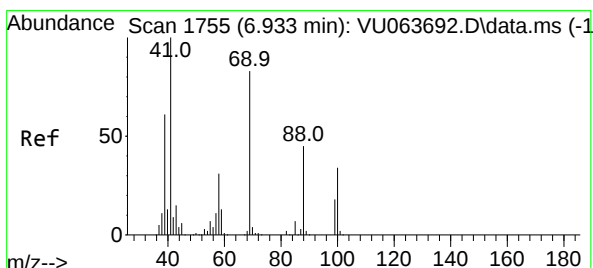
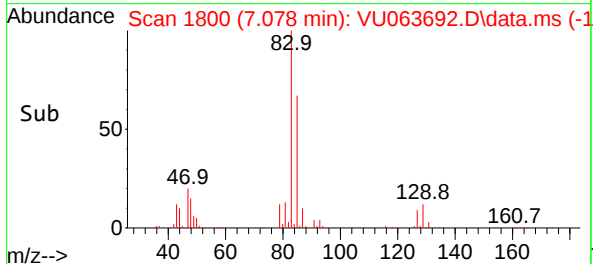
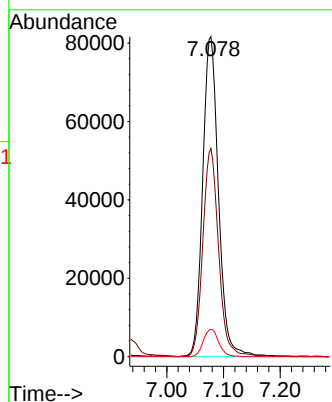
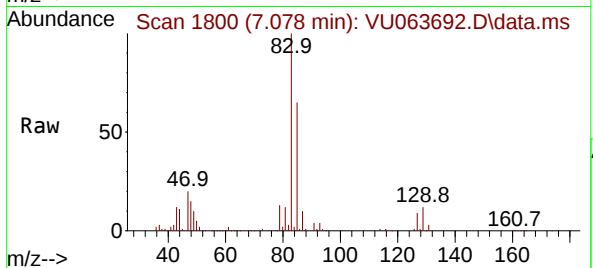
Tgt Ion: 83 Resp: 158242

Ion Ratio Lower Upper

83 100

85 64.9 51.9 77.9

127 8.6 6.9 10.3



#48

Methyl methacrylate

Concen: 50.605 ug/l

RT: 6.933 min Scan# 1755

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

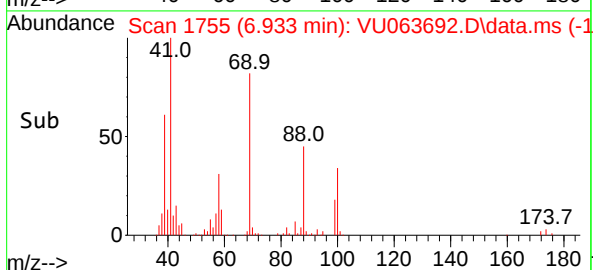
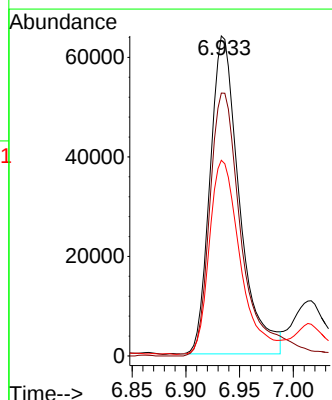
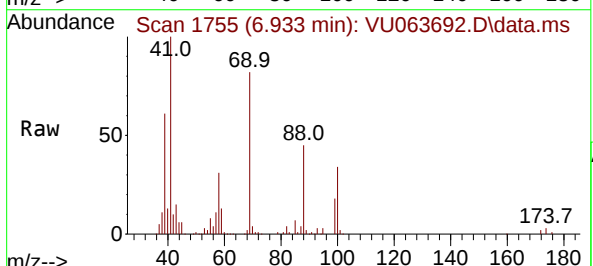
Tgt Ion: 41 Resp: 121788

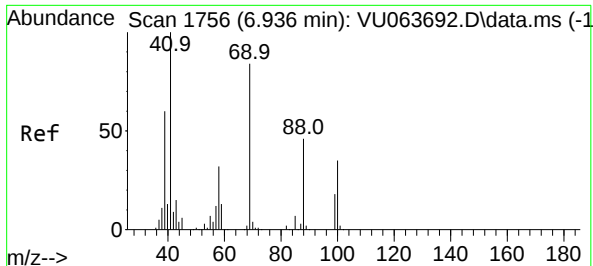
Ion Ratio Lower Upper

41 100

69 91.1 72.9 109.3

39 63.7 51.0 76.4

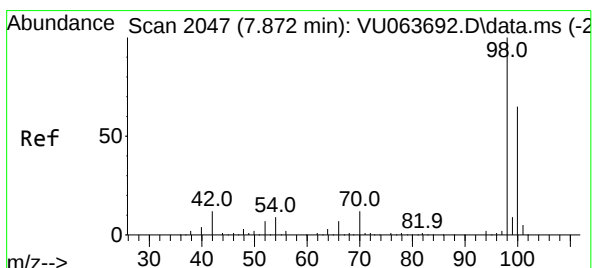
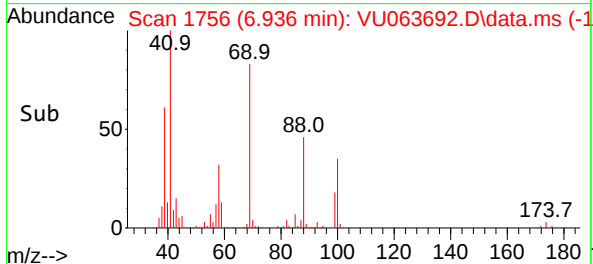
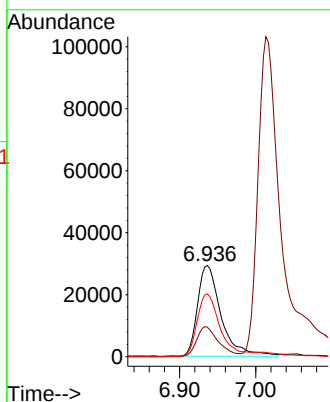
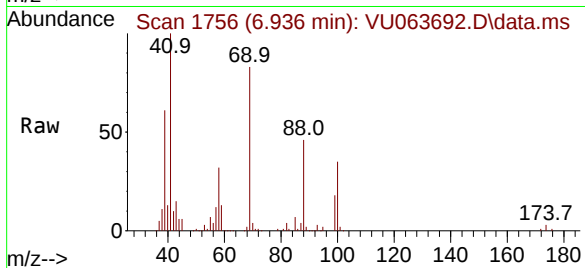




#49
1,4-Dioxane
Concen: 983.212 ug/l
RT: 6.936 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

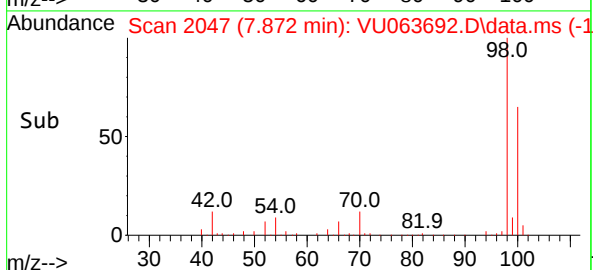
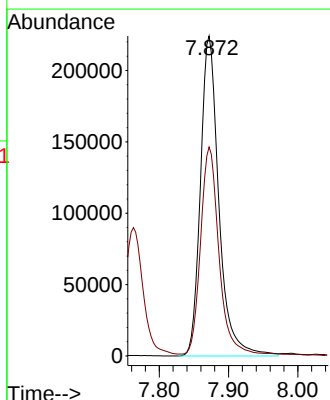
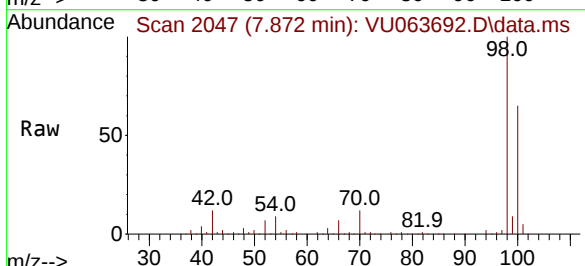
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

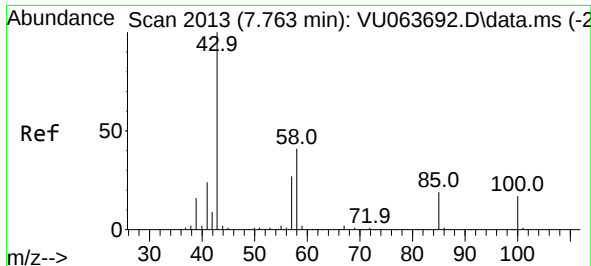
Tgt Ion: 88 Resp: 62689
Ion Ratio Lower Upper
88 100
43 30.1 24.1 36.1
58 67.8 54.2 81.4



#50
Toluene-d8
Concen: 49.669 ug/l
RT: 7.872 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 98 Resp: 414158
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 254.672 ug/l

RT: 7.763 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

Instrument :

MSVOA_U

ClientSampleId :

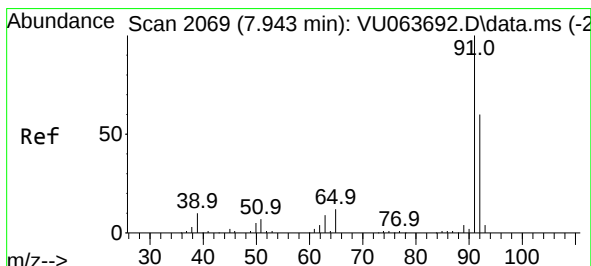
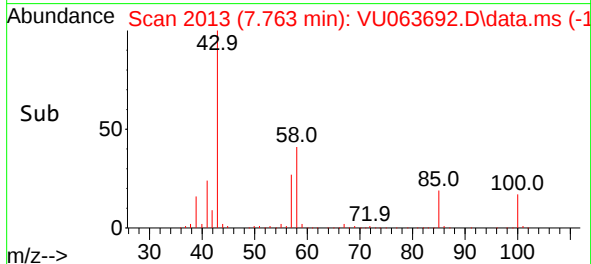
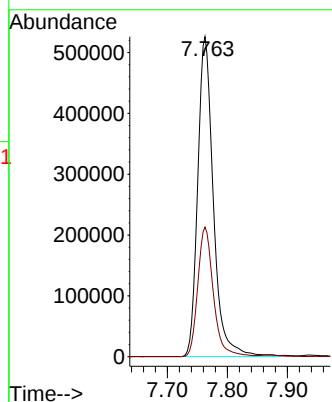
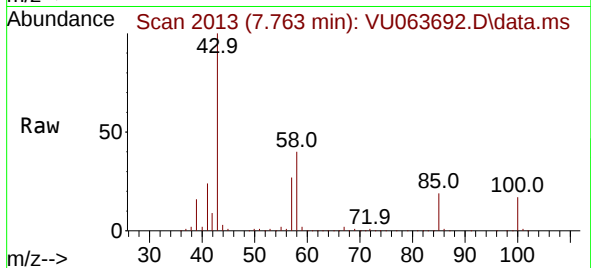
VSTDICCC050

Tgt Ion: 43 Resp: 955491

Ion Ratio Lower Upper

43 100

58 40.4 32.3 48.5



#52

Toluene

Concen: 49.784 ug/l

RT: 7.943 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VU063692.D

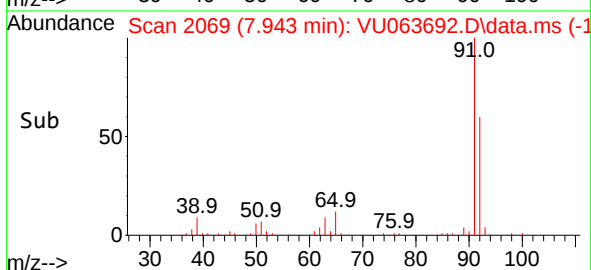
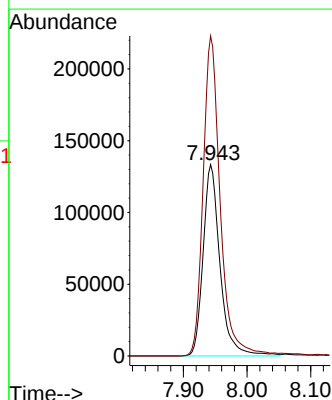
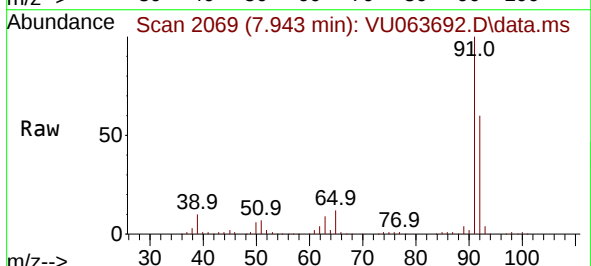
Acq: 10 Nov 2025 13:10

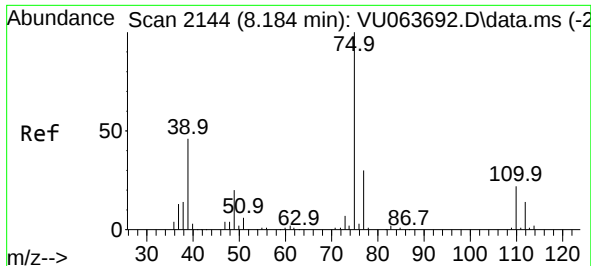
Tgt Ion: 92 Resp: 246296

Ion Ratio Lower Upper

92 100

91 170.7 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 49.233 ug/l

RT: 8.184 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

Instrument :

MSVOA_U

ClientSampleId :

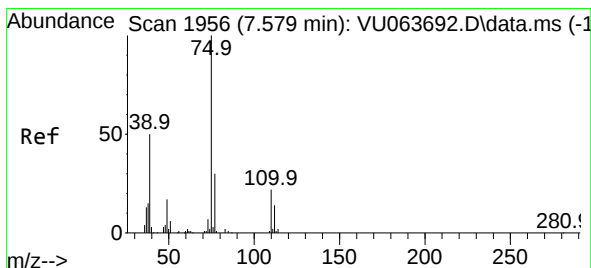
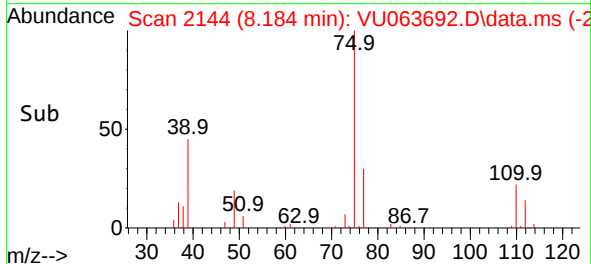
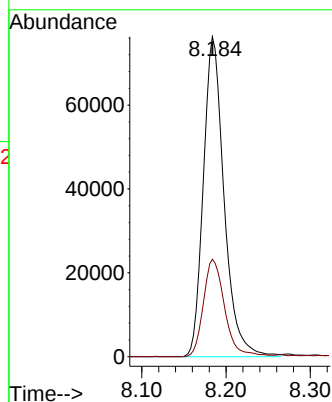
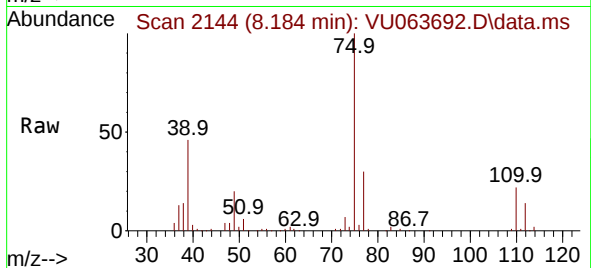
VSTDICCC050

Tgt Ion: 75 Resp: 130790

Ion Ratio Lower Upper

75 100

77 30.4 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 50.617 ug/l

RT: 7.579 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

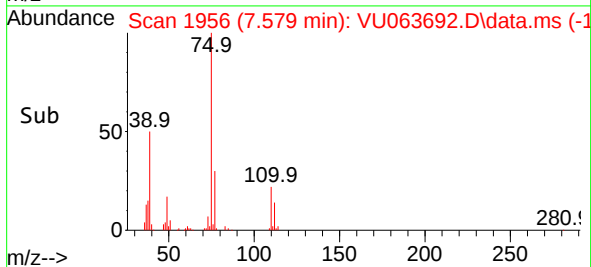
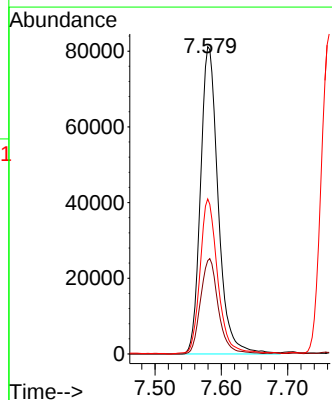
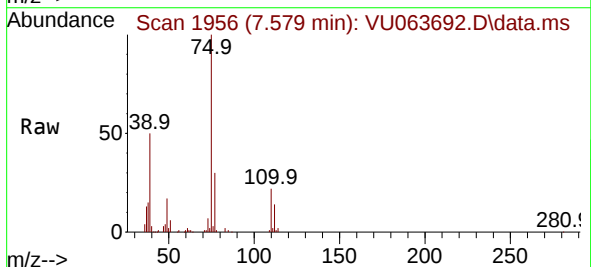
Tgt Ion: 75 Resp: 150711

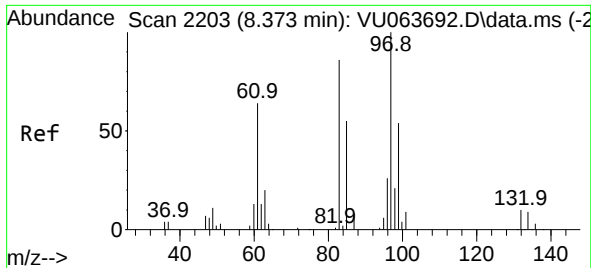
Ion Ratio Lower Upper

75 100

77 30.4 24.3 36.5

39 50.2 40.2 60.2

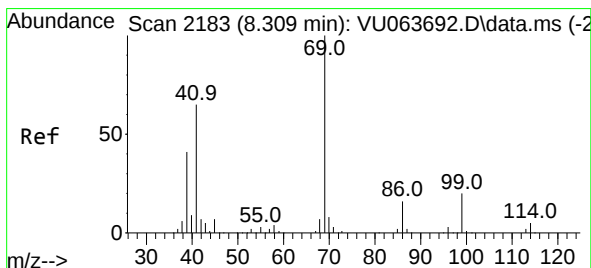
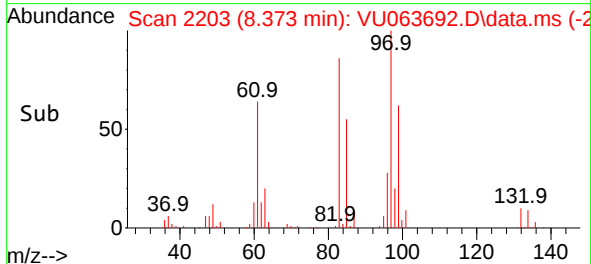
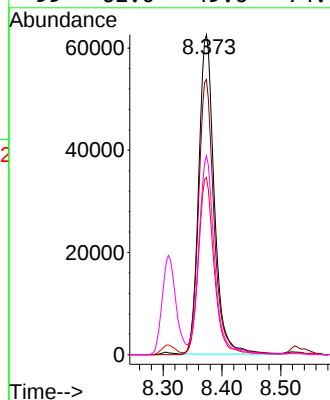
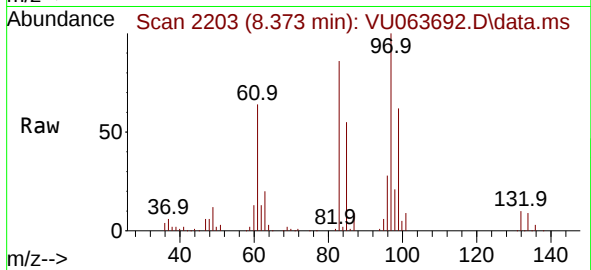




#55
1,1,2-Trichloroethane
Concen: 50.333 ug/l
RT: 8.373 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

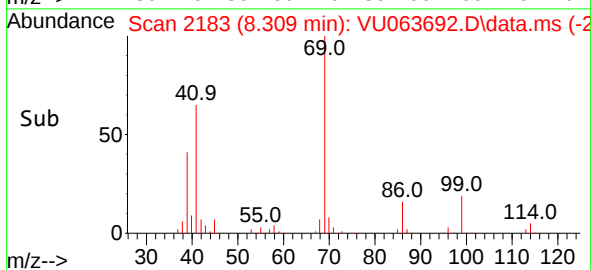
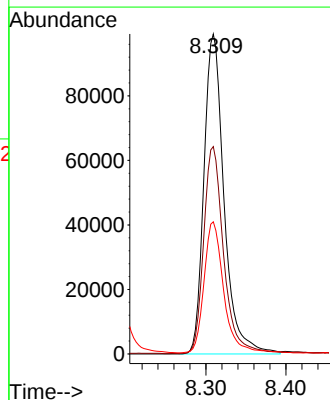
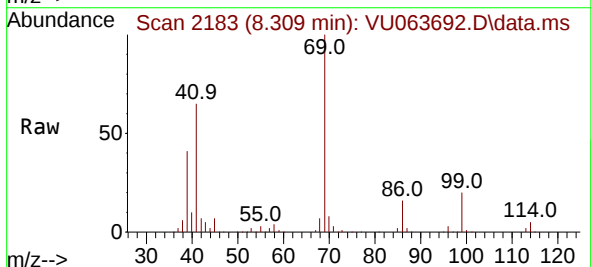
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

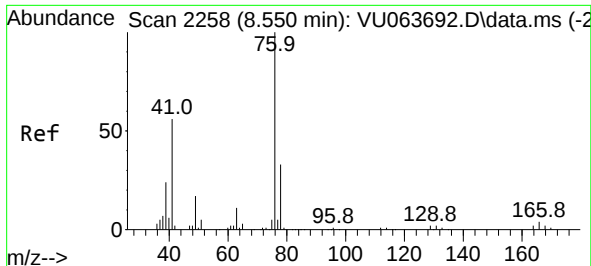
Tgt Ion:	97	Resp:	114271
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.0	103.4
85	55.3	44.2	66.4
99	62.0	49.6	74.4



#56
Ethyl methacrylate
Concen: 51.841 ug/l
RT: 8.309 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion:	69	Resp:	173663
Ion	Ratio	Lower	Upper
69	100		
41	64.3	51.4	77.2
39	40.3	32.2	48.4

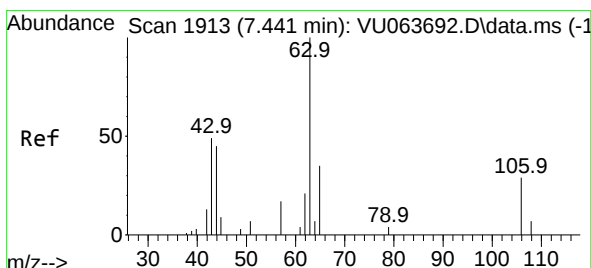
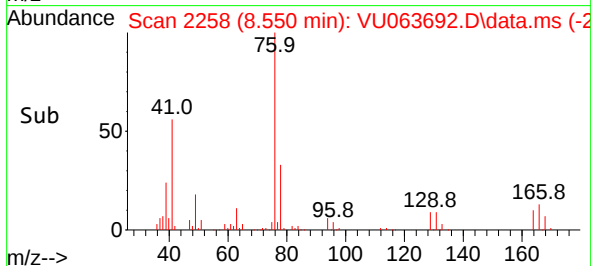
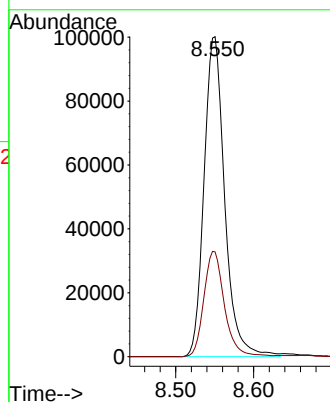
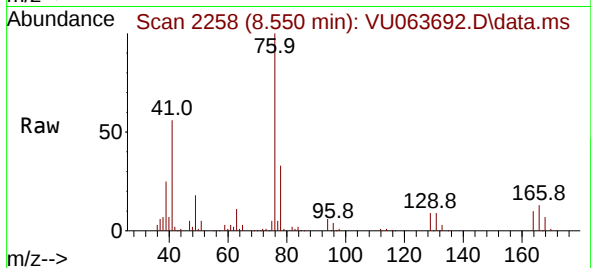




#57
1,3-Dichloropropane
Concen: 49.762 ug/l
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

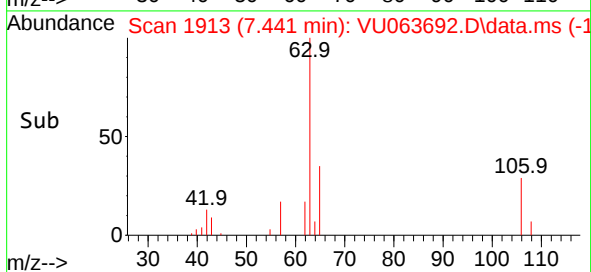
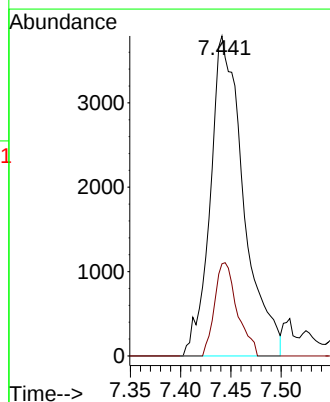
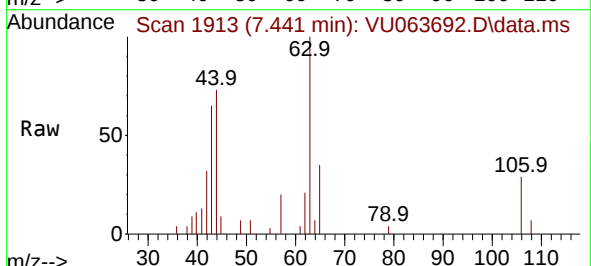
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

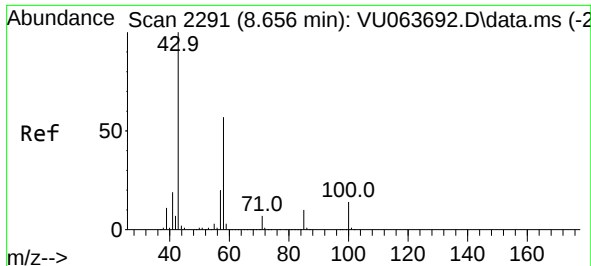
Tgt Ion: 76 Resp: 184312
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 217.248 ug/l
RT: 7.441 min Scan# 1913
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 63 Resp: 8751
Ion Ratio Lower Upper
63 100
106 19.8 15.8 23.8

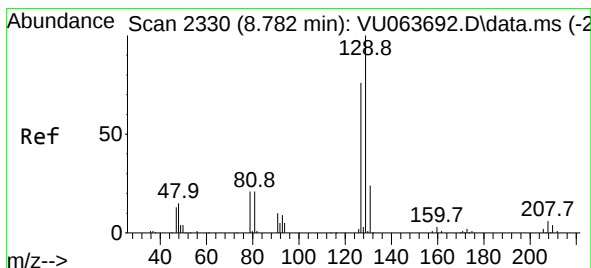
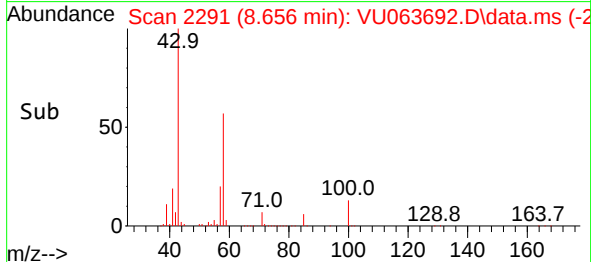
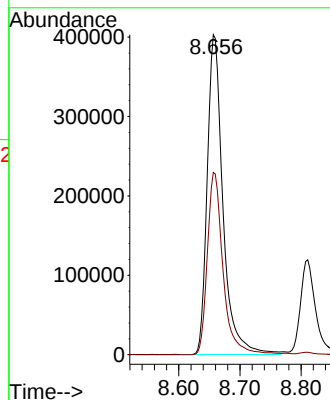
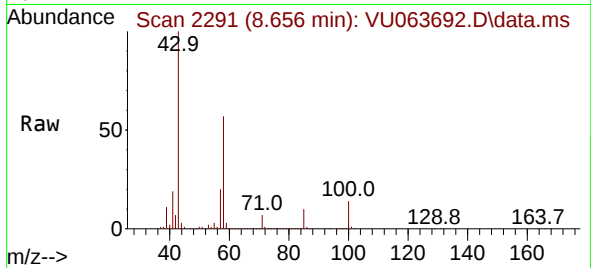




#59
2-Hexanone
Concen: 257.885 ug/l
RT: 8.656 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

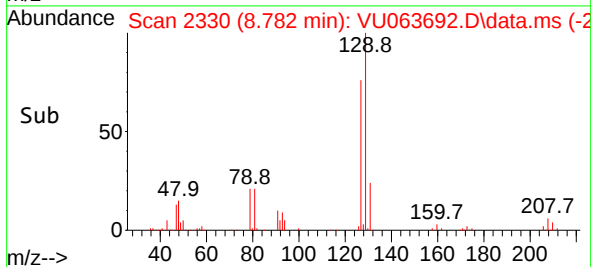
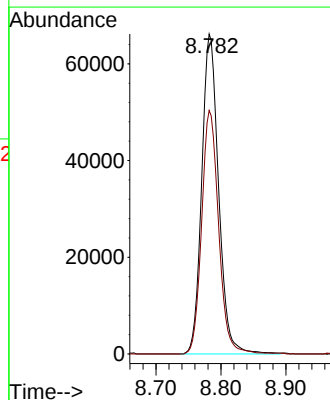
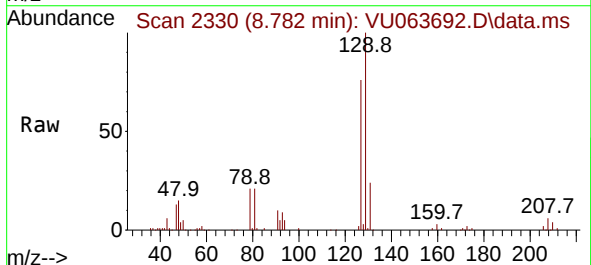
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

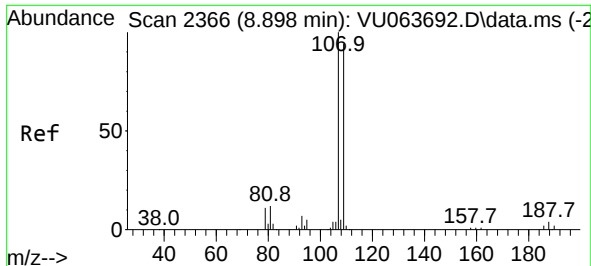
Tgt Ion: 43 Resp: 720640
Ion Ratio Lower Upper
43 100
58 56.9 28.4 85.3



#60
Dibromochloromethane
Concen: 50.439 ug/l
RT: 8.782 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion:129 Resp: 119940
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6

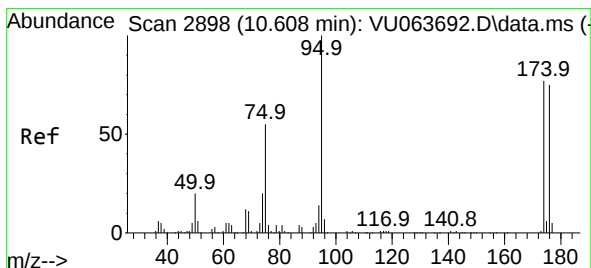
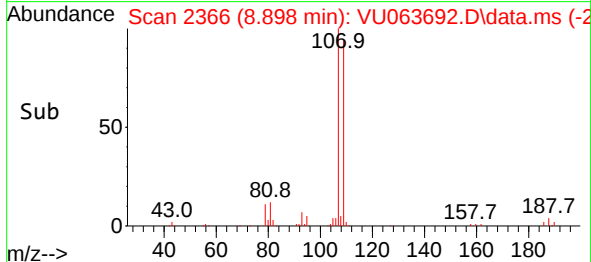
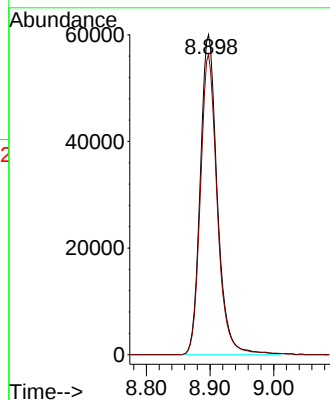
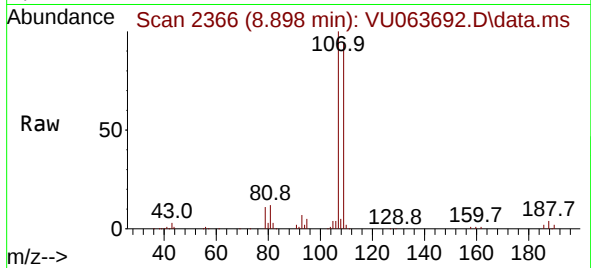




#61
1,2-Dibromoethane
Concen: 51.064 ug/l
RT: 8.898 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

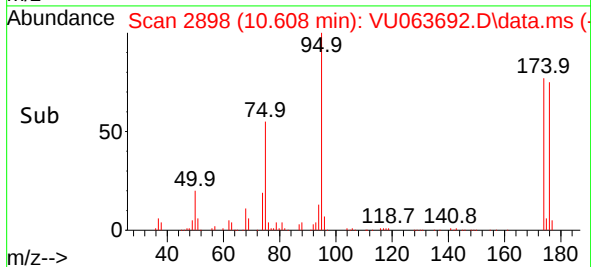
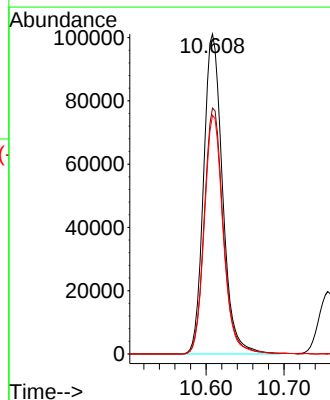
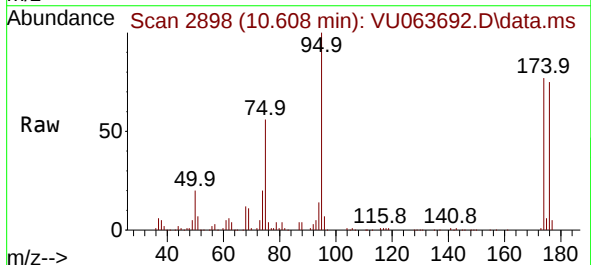
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

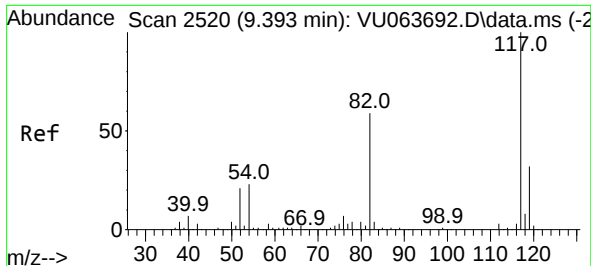
Tgt Ion:107 Resp: 111711
Ion Ratio Lower Upper
107 100
109 92.3 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 49.593 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 95 Resp: 171058
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.6
176 74.2 0.0 148.4

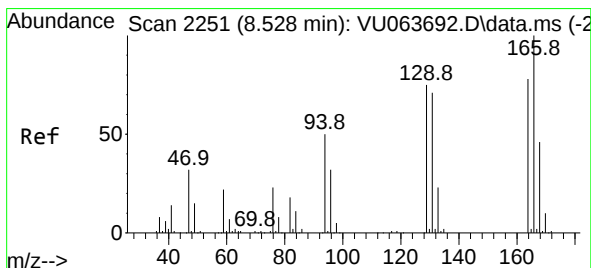
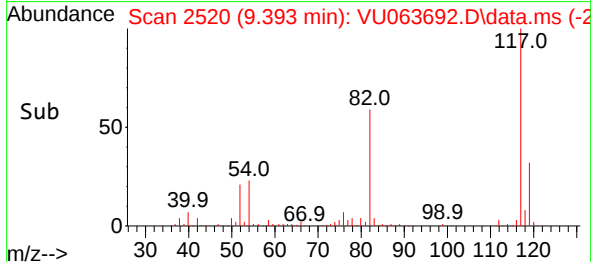
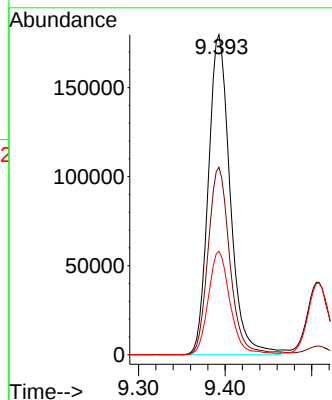
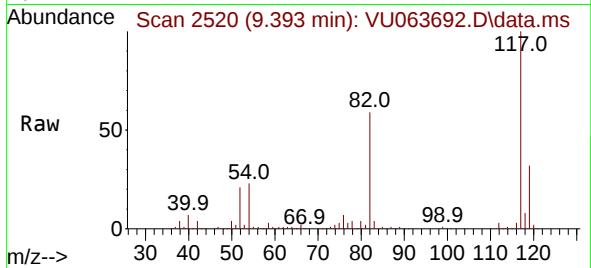




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

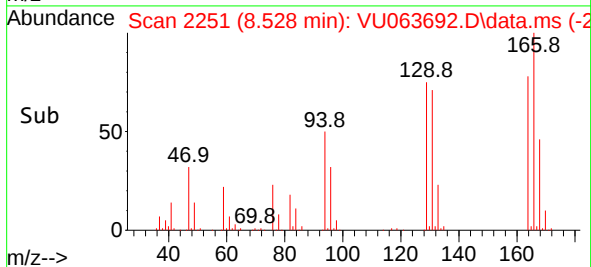
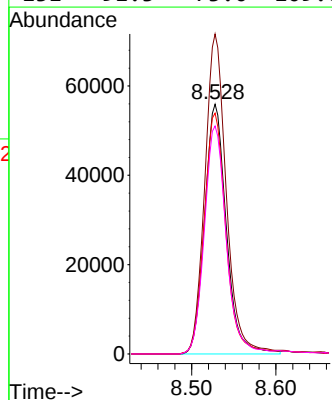
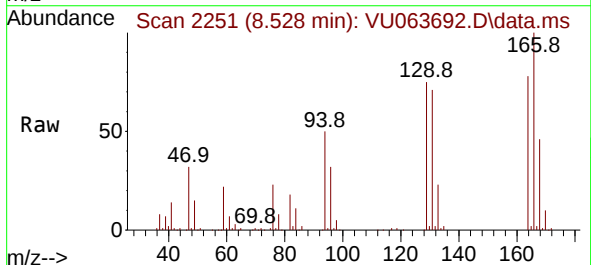
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

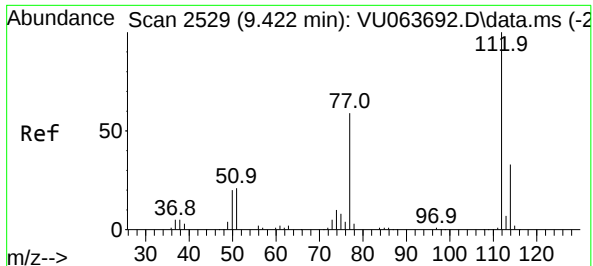
Tgt Ion:117 Resp: 313898
Ion Ratio Lower Upper
117 100
82 58.6 46.9 70.3
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 49.706 ug/l
RT: 8.528 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion:164 Resp: 100662
Ion Ratio Lower Upper
164 100
166 128.1 102.5 153.7
129 96.4 77.1 115.7
131 91.3 73.0 109.6

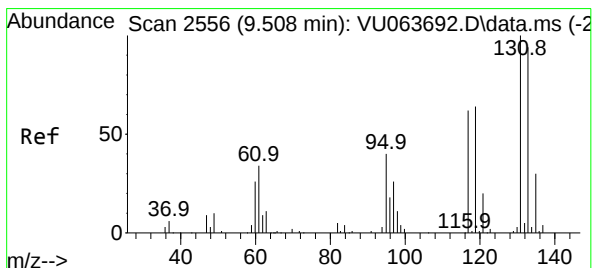
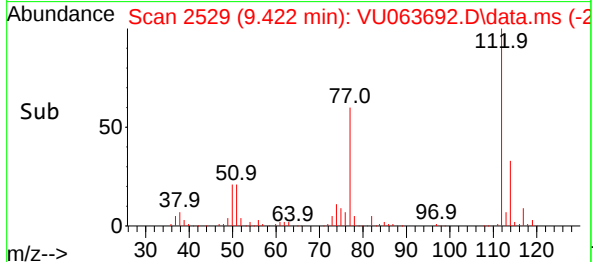
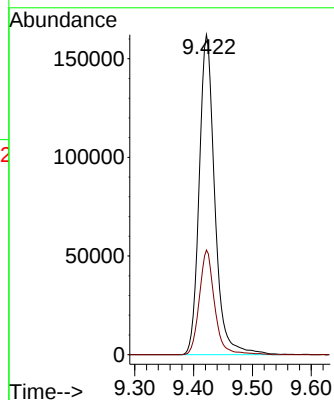
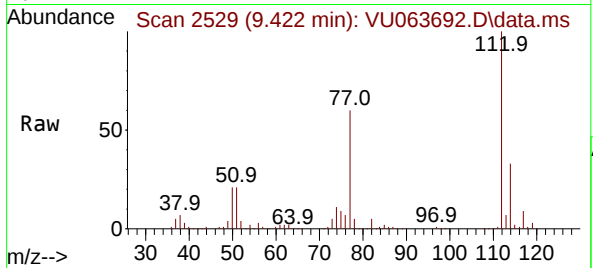




#65
Chlorobenzene
Concen: 48.633 ug/l
RT: 9.422 min Scan# 2529
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

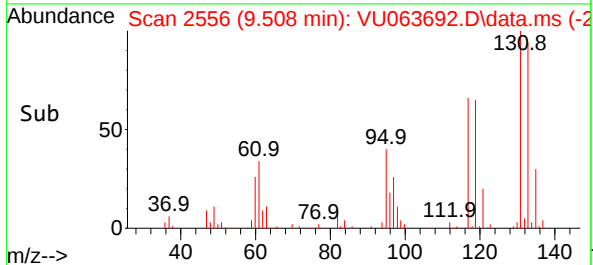
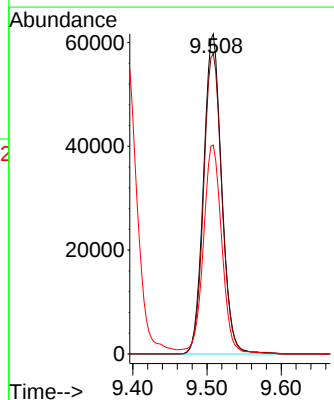
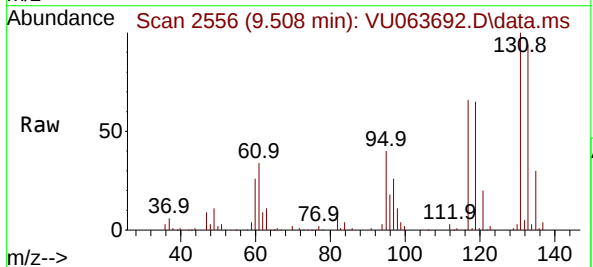
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

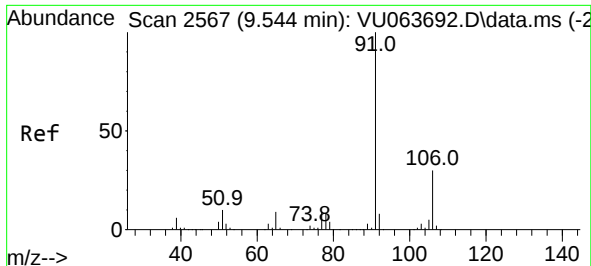
Tgt Ion:112 Resp: 298291
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.031 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion:131 Resp: 104373
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 66.5 33.3 99.8

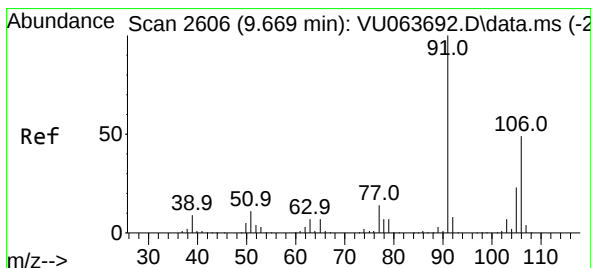
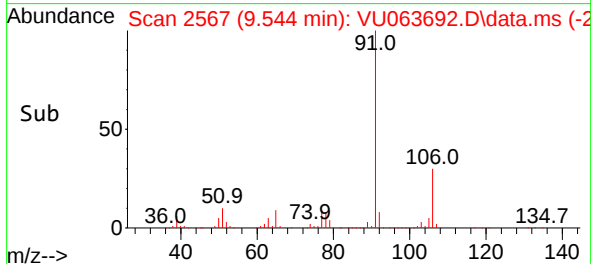
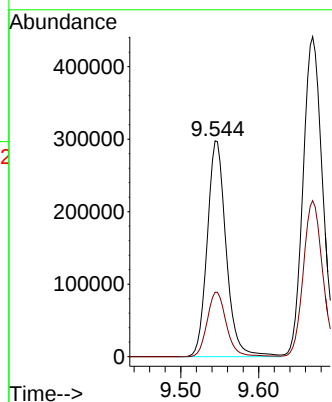
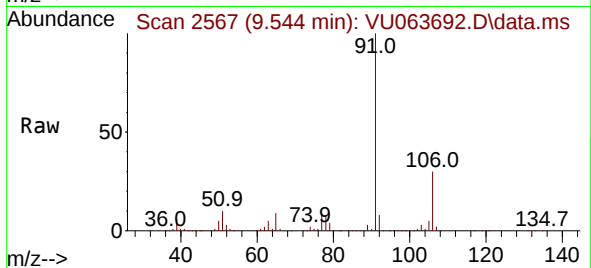




#67
Ethyl Benzene
Concen: 49.186 ug/l
RT: 9.544 min Scan# 2567
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

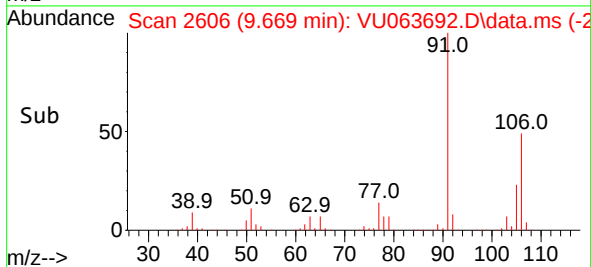
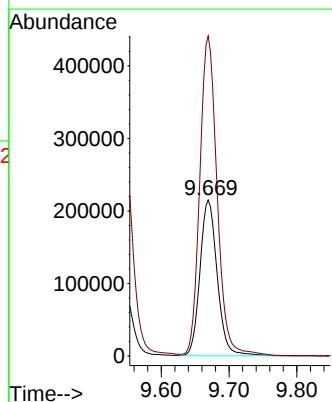
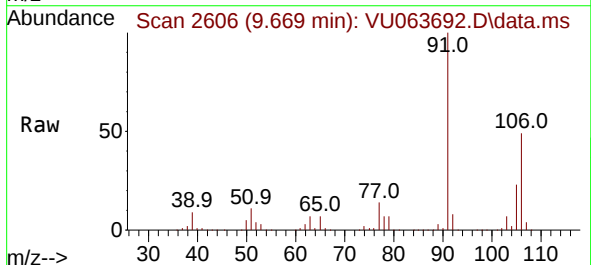
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

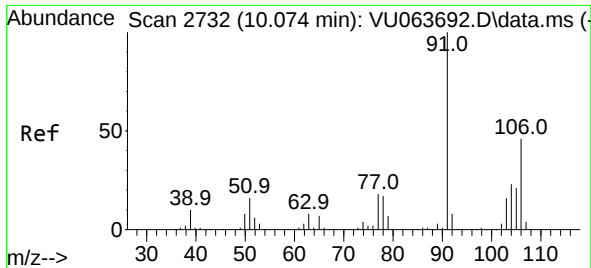
Tgt Ion: 91 Resp: 502495
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8



#68
m/p-Xylenes
Concen: 100.546 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 106 Resp: 379150
Ion Ratio Lower Upper
106 100
91 207.1 165.7 248.5

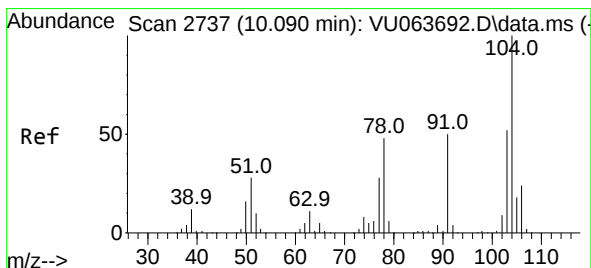
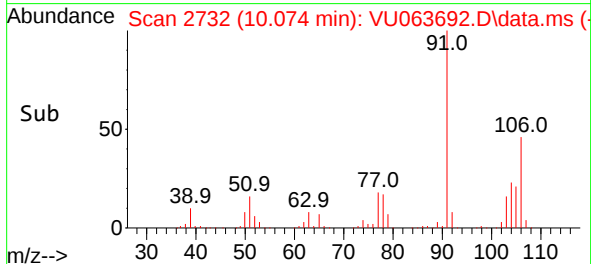
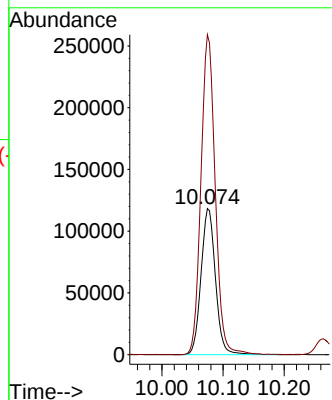
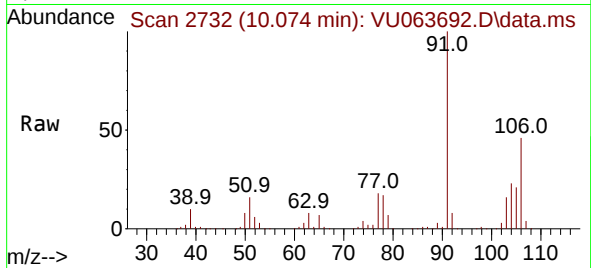




#69
o-Xylene
Concen: 49.694 ug/l
RT: 10.074 min Scan# 2732
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

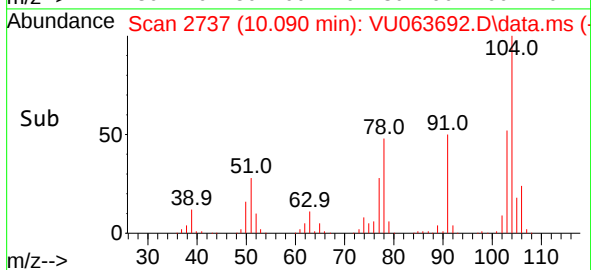
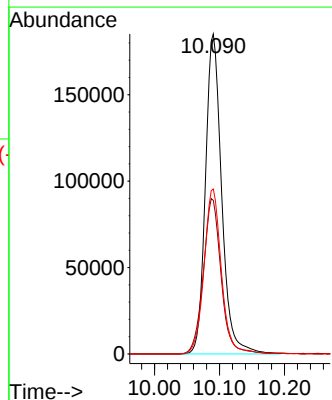
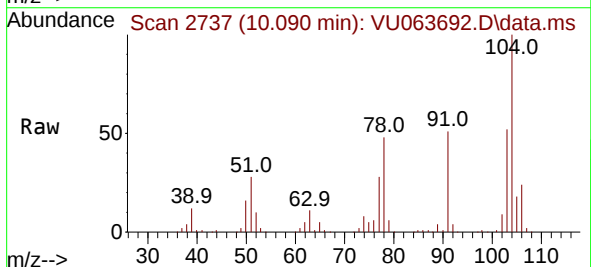
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

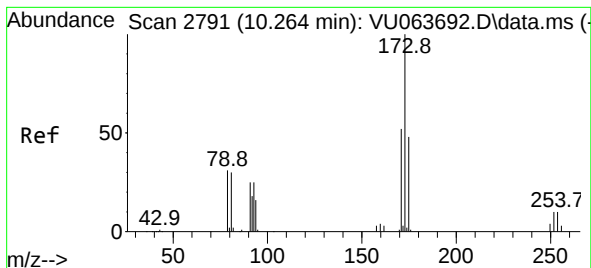
Tgt Ion:106 Resp: 193365
Ion Ratio Lower Upper
106 100
91 217.3 108.7 325.9



#70
Styrene
Concen: 51.659 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion:104 Resp: 322878
Ion Ratio Lower Upper
104 100
78 53.4 42.7 64.1
103 55.0 44.0 66.0





#71

Bromoform

Concen: 50.527 ug/l

RT: 10.264 min Scan# 2791

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

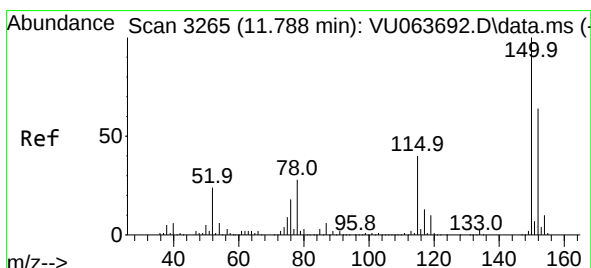
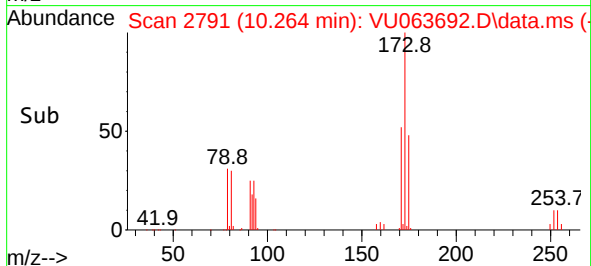
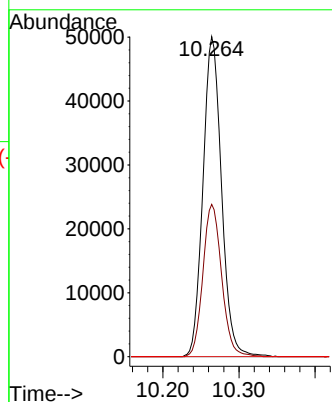
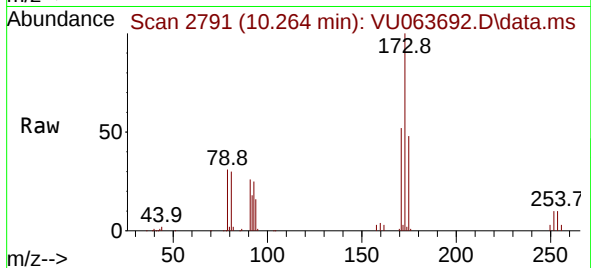
Tgt Ion:173 Resp: 84881

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

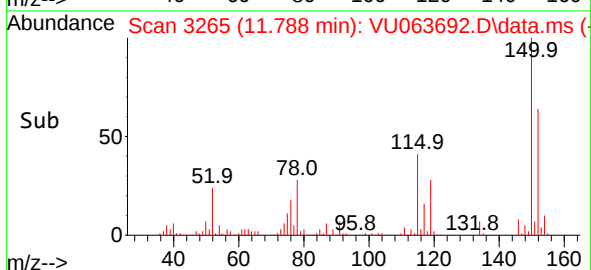
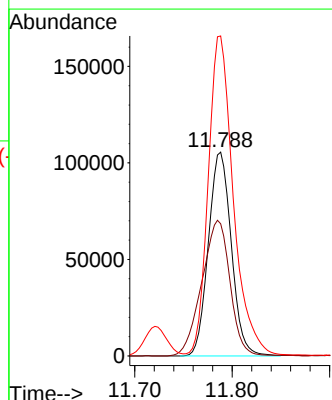
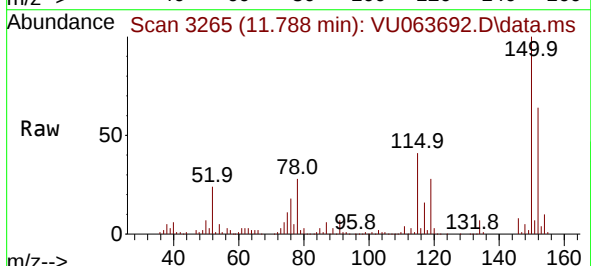
Tgt Ion:152 Resp: 172543

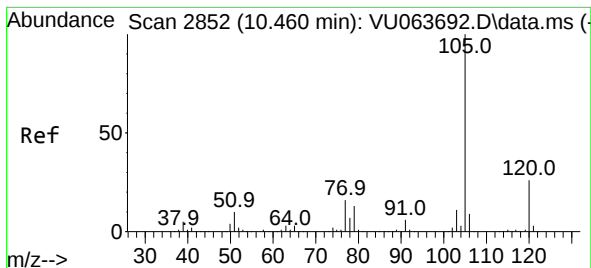
Ion Ratio Lower Upper

152 100

115 82.0 41.0 123.0

150 171.1 0.0 342.2





#73

Isopropylbenzene

Concen: 48.029 ug/l

RT: 10.460 min Scan# 2852

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

Instrument :

MSVOA_U

ClientSampleId :

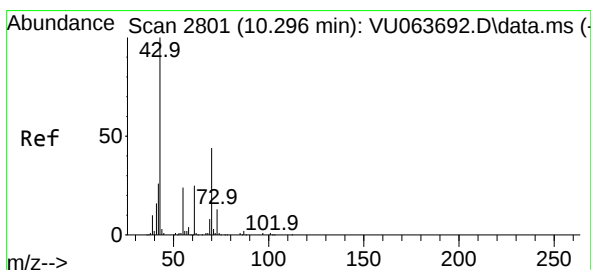
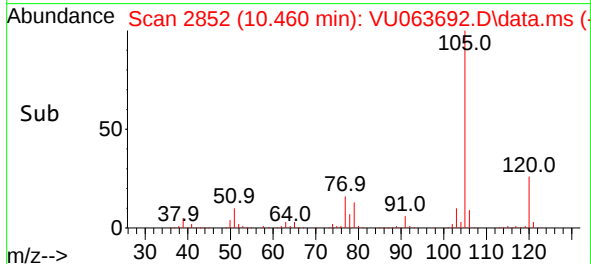
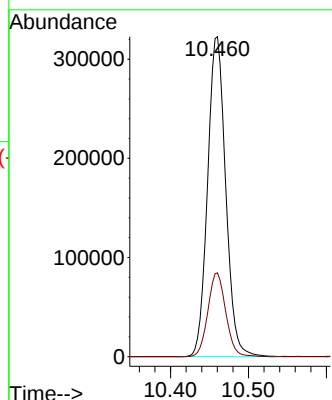
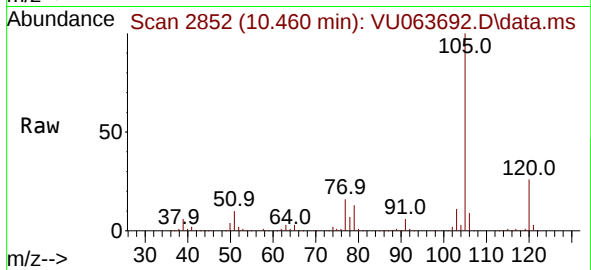
VSTDICCC050

Tgt Ion:105 Resp: 520648

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 50.558 ug/l

RT: 10.296 min Scan# 2801

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

Tgt Ion: 43 Resp: 190951

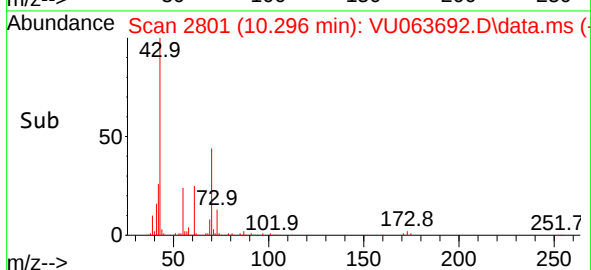
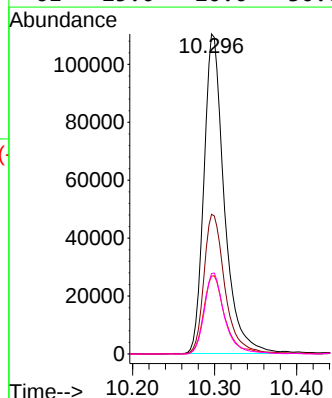
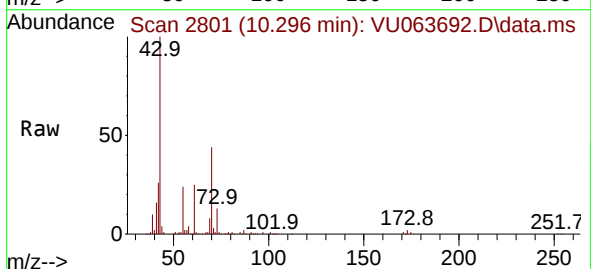
Ion Ratio Lower Upper

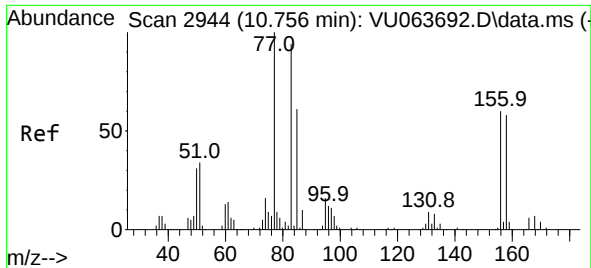
43 100

70 45.6 36.5 54.7

55 25.7 20.6 30.8

61 25.0 20.0 30.0

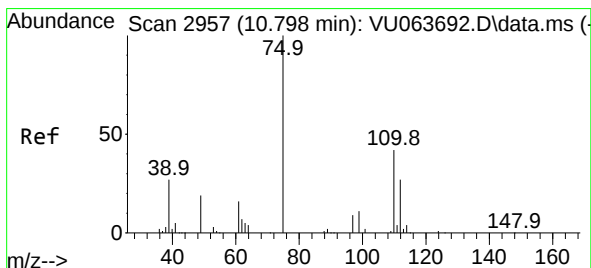
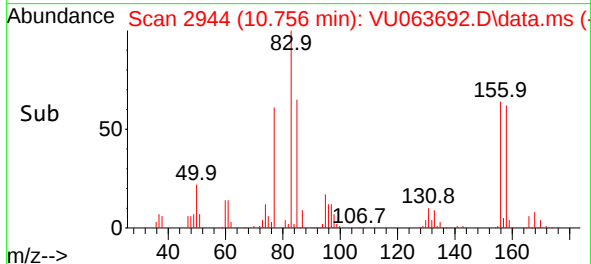
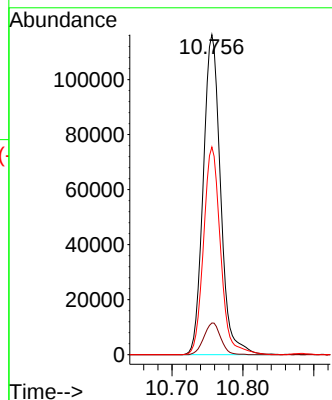
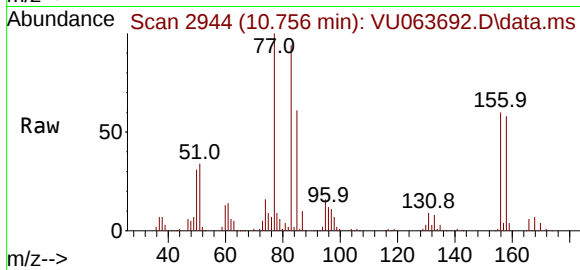




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.391 ug/l
 RT: 10.756 min Scan# 2944
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

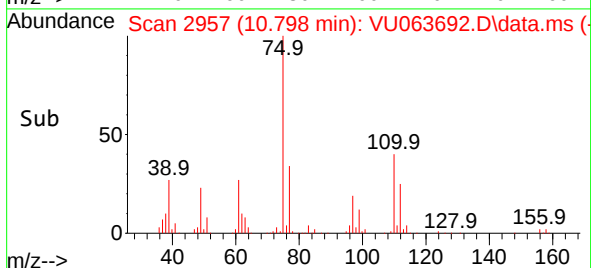
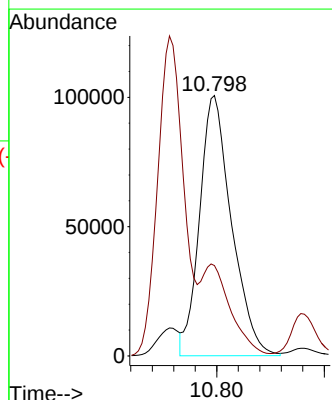
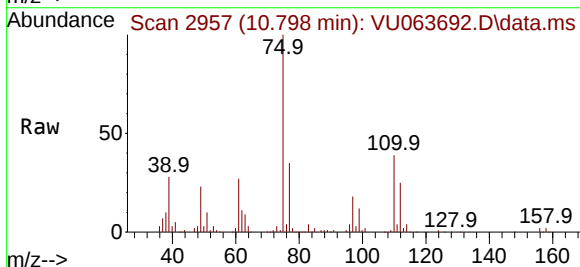
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

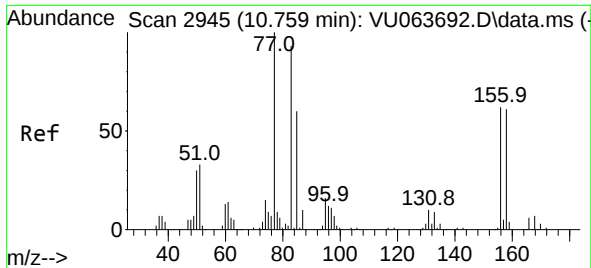
Tgt Ion: 83 Resp: 197279
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.8 14.4
 85 63.8 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 48.789 ug/l
 RT: 10.798 min Scan# 2957
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

Tgt Ion: 75 Resp: 207613
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

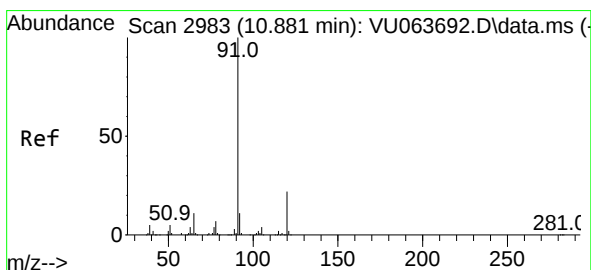
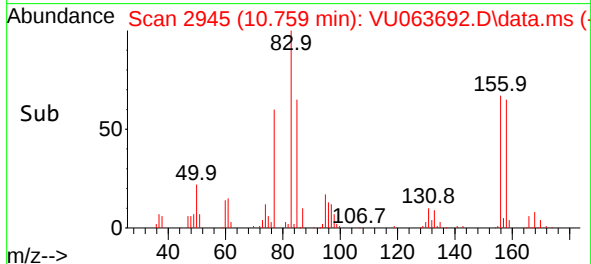
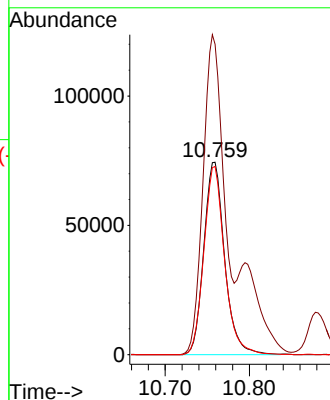
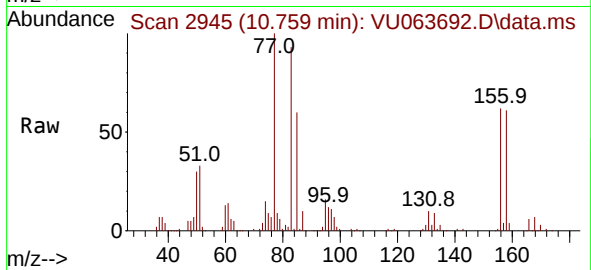




#77
Bromobenzene
Concen: 47.063 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

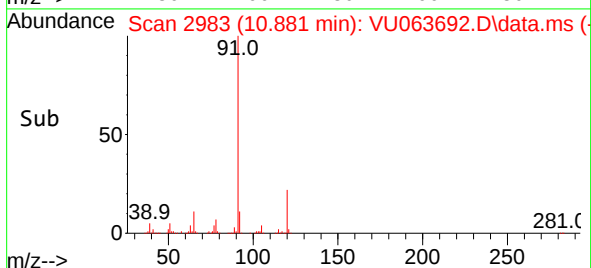
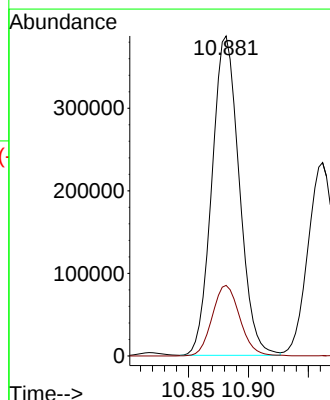
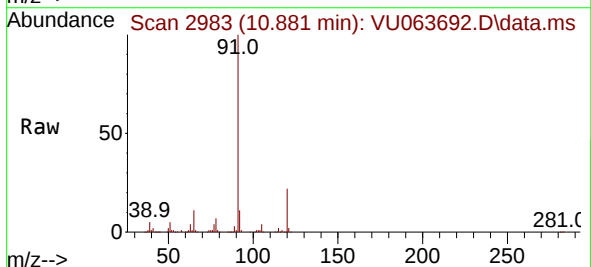
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

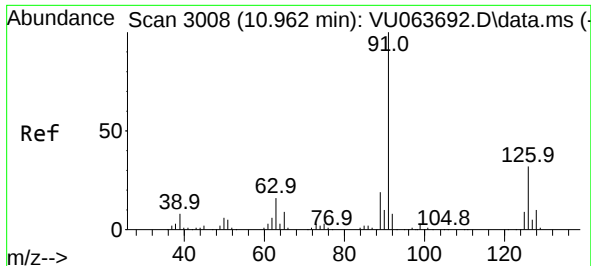
Tgt Ion:156 Resp: 128360
Ion Ratio Lower Upper
156 100
77 162.8 81.4 244.2
158 97.5 48.8 146.3



#78
n-propylbenzene
Concen: 49.229 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 91 Resp: 612182
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.6

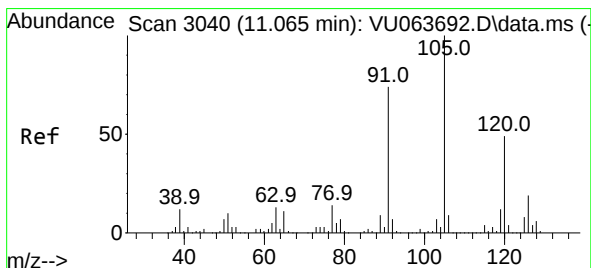
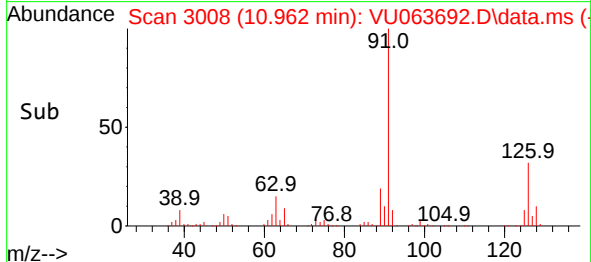
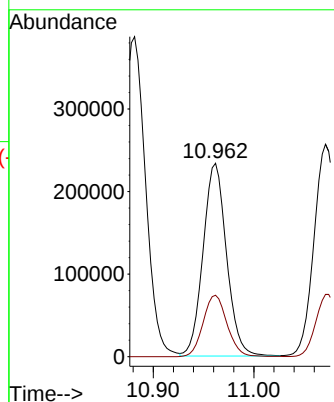
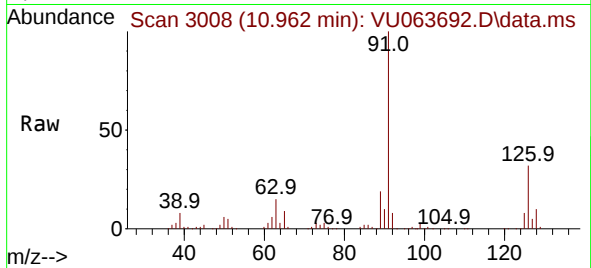




#79
2-Chlorotoluene
Concen: 47.044 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

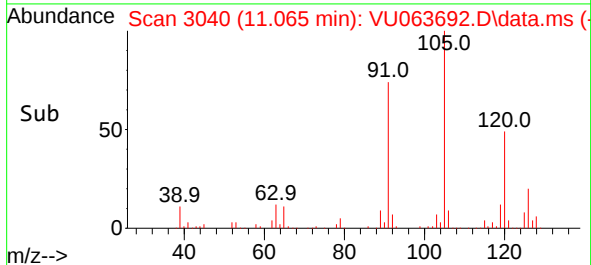
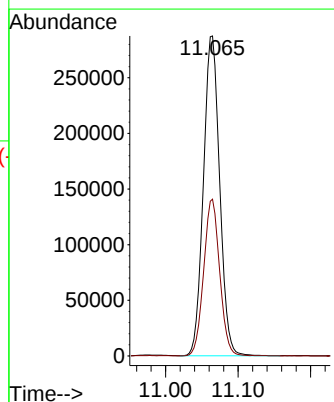
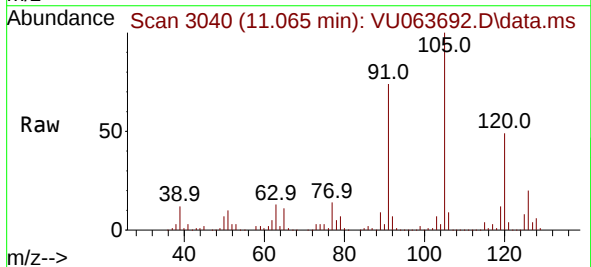
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

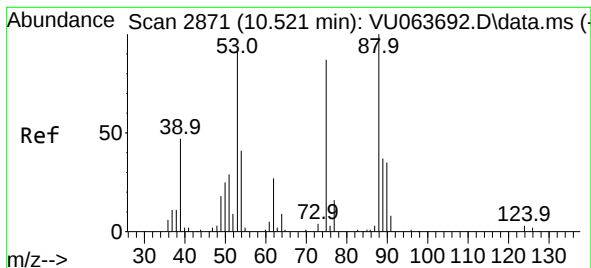
Tgt Ion: 91 Resp: 378135
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 49.244 ug/l
RT: 11.065 min Scan# 3040
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 105 Resp: 447606
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.2

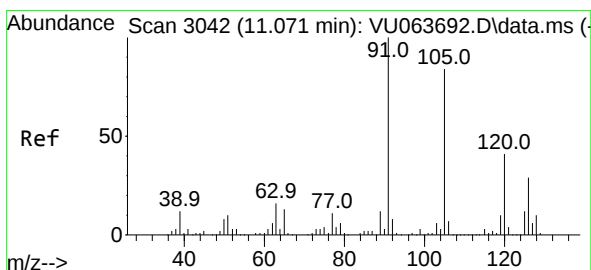
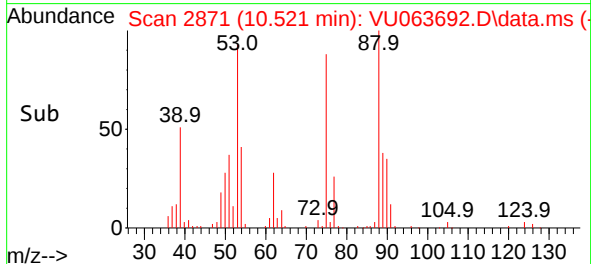
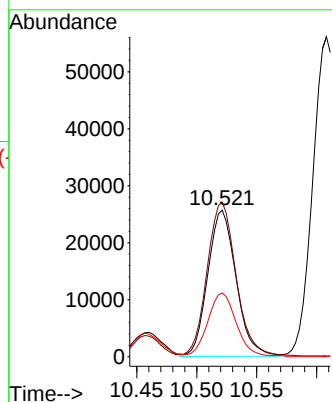
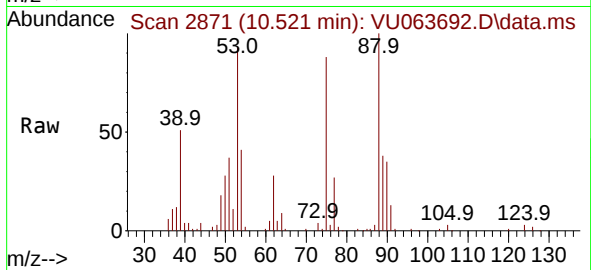




#81
trans-1,4-Dichloro-2-butene
Concen: 51.593 ug/l
RT: 10.521 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

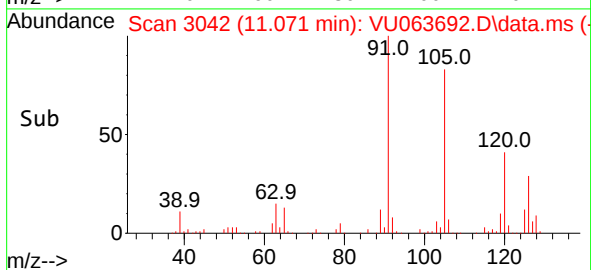
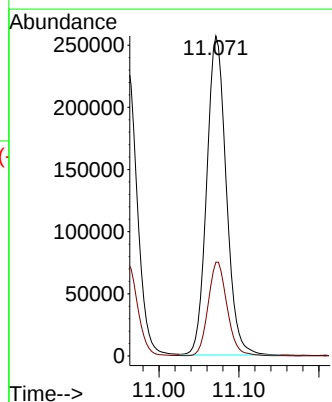
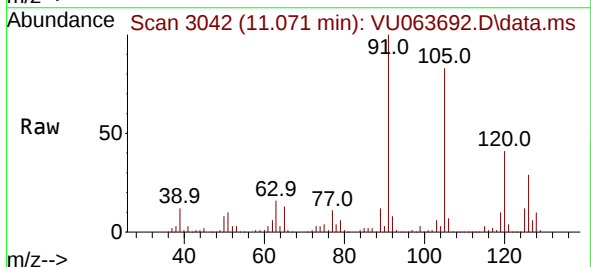
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

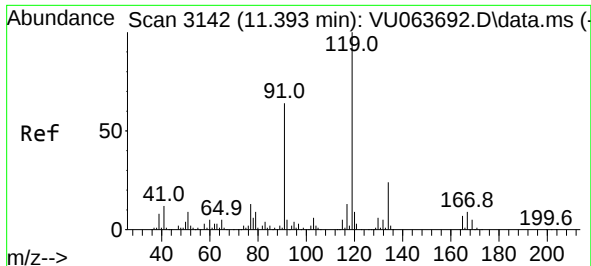
Tgt Ion: 75 Resp: 42110
Ion Ratio Lower Upper
75 100
53 108.1 86.5 129.7
89 44.0 35.2 52.8



#82
4-Chlorotoluene
Concen: 47.632 ug/l
RT: 11.071 min Scan# 3042
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 91 Resp: 435066
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.8

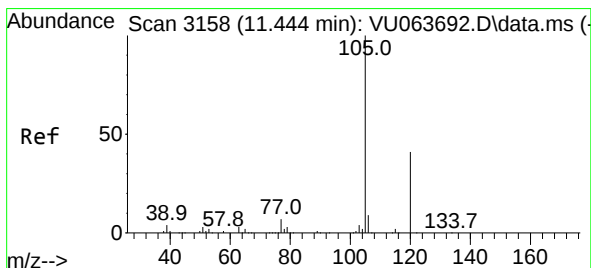
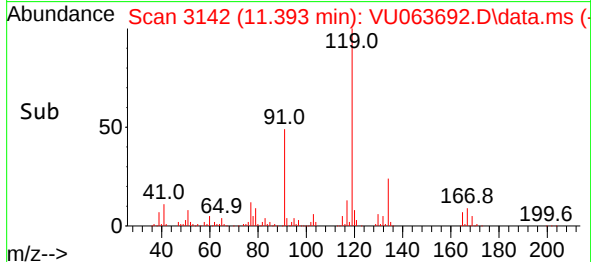
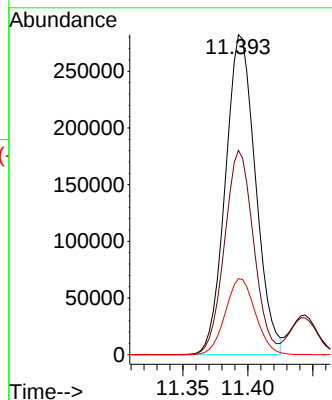
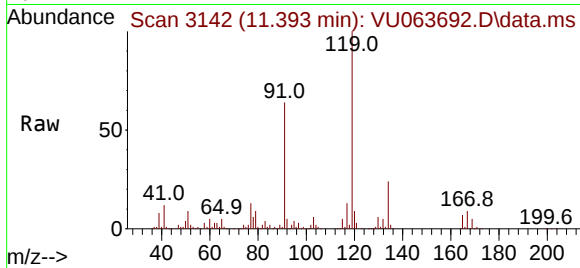




#83
 tert-Butylbenzene
 Concen: 48.170 ug/l
 RT: 11.393 min Scan# 3142
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

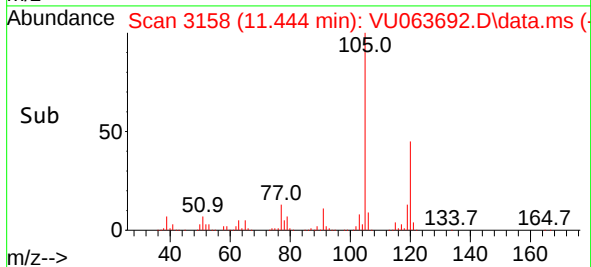
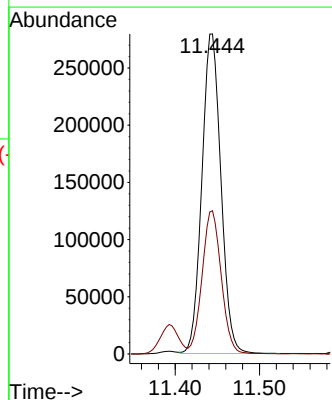
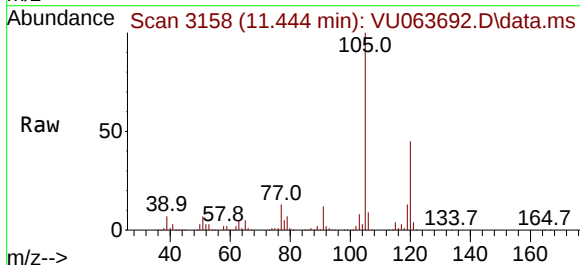
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

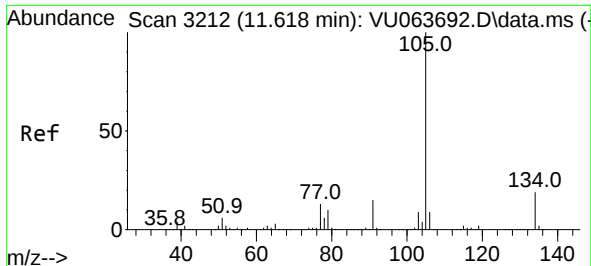
Tgt Ion:119 Resp: 456064
 Ion Ratio Lower Upper
 119 100
 91 61.5 30.8 92.3
 134 23.7 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.315 ug/l
 RT: 11.444 min Scan# 3158
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

Tgt Ion:105 Resp: 439882
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

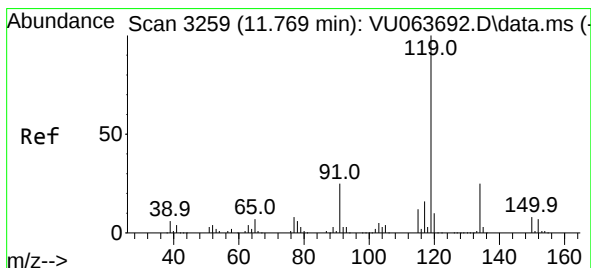
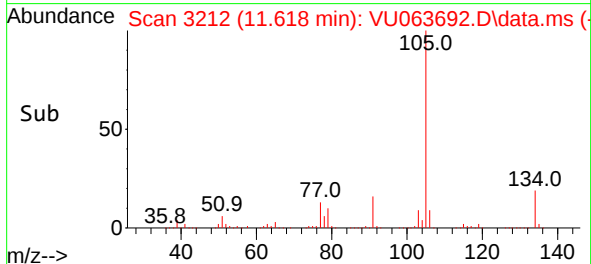
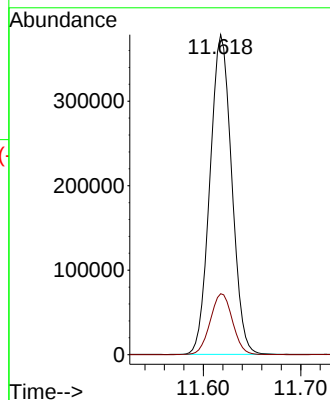
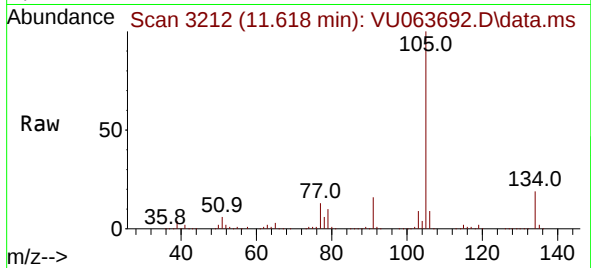




#85
 sec-Butylbenzene
 Concen: 49.044 ug/l
 RT: 11.618 min Scan# 3212
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

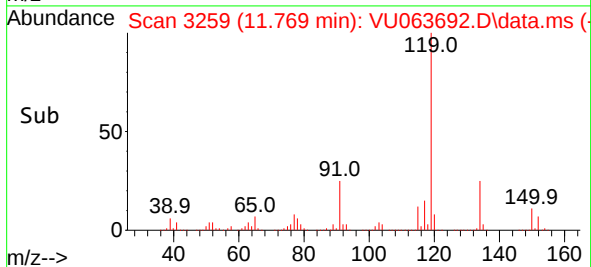
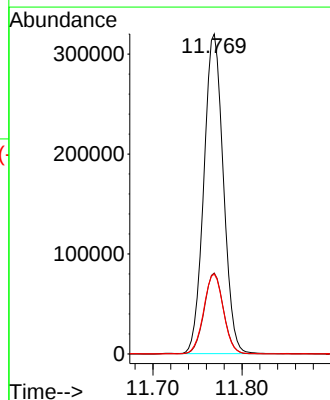
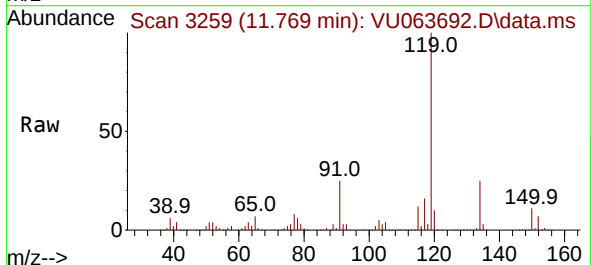
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

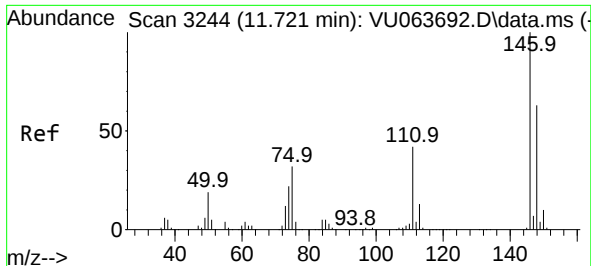
Tgt Ion:105 Resp: 586569
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 50.499 ug/l
 RT: 11.769 min Scan# 3259
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

Tgt Ion:119 Resp: 484842
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.6
 91 25.2 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 49.101 ug/l

RT: 11.721 min Scan# 3244

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

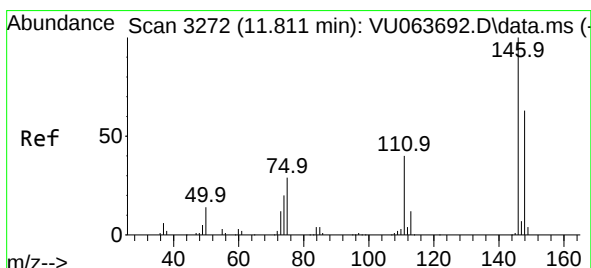
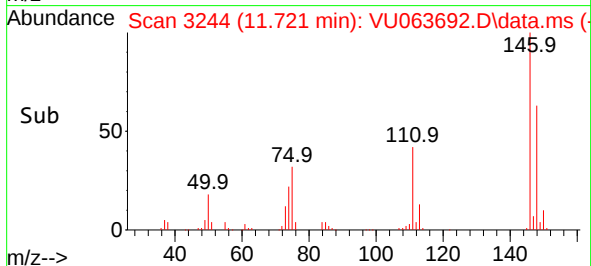
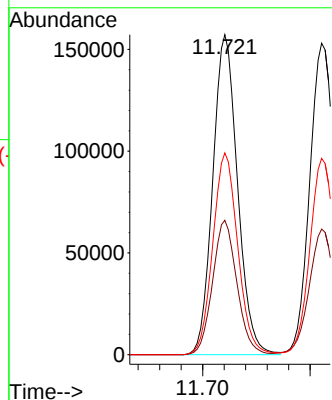
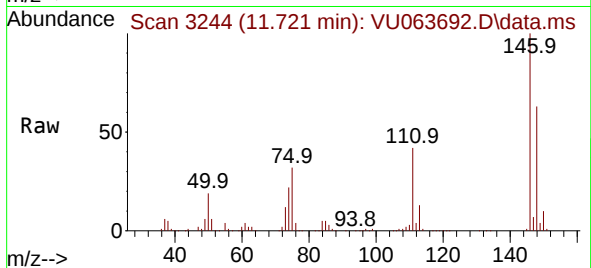
Tgt Ion:146 Resp: 251600

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

148 63.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 47.351 ug/l

RT: 11.811 min Scan# 3272

Delta R.T. 0.000 min

Lab File: VU063692.D

Acq: 10 Nov 2025 13:10

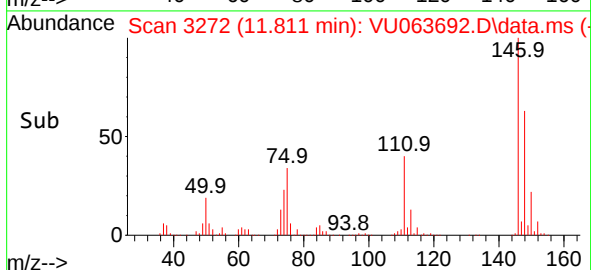
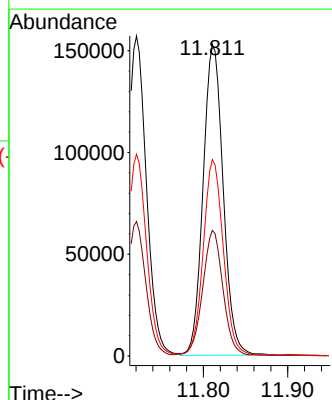
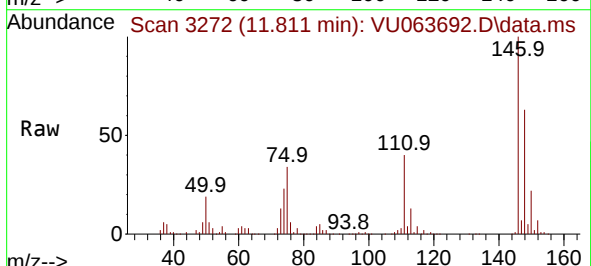
Tgt Ion:146 Resp: 253846

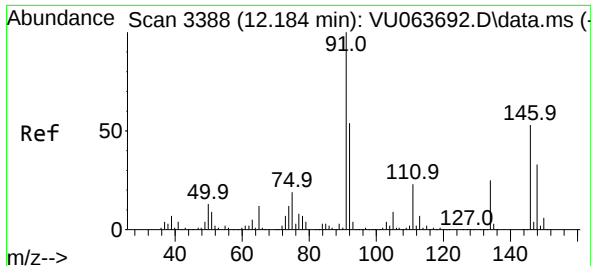
Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.3

148 62.9 31.4 94.3

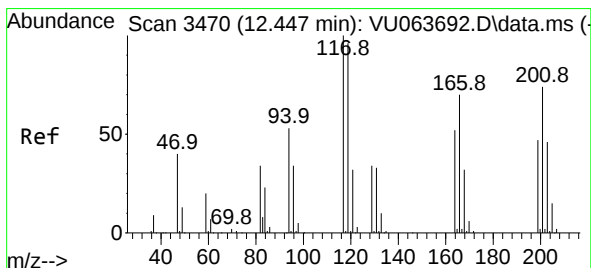
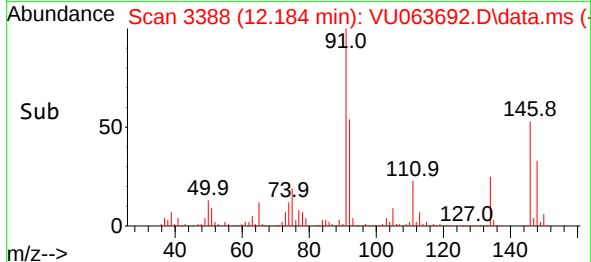
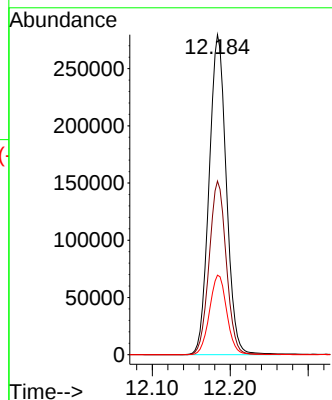
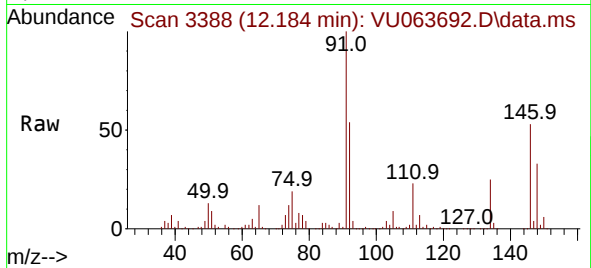




#89
n-Butylbenzene
Concen: 48.716 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

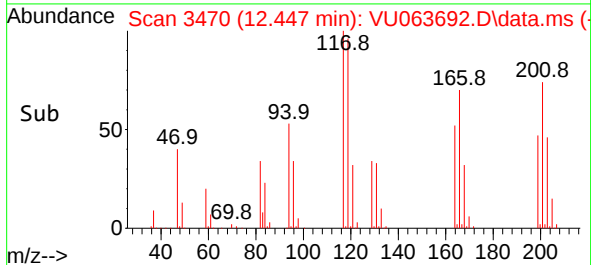
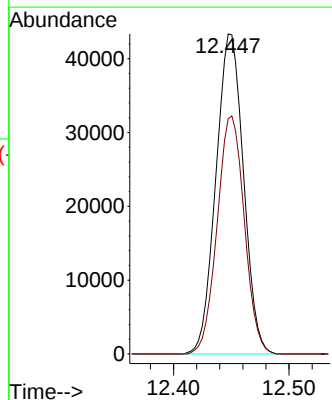
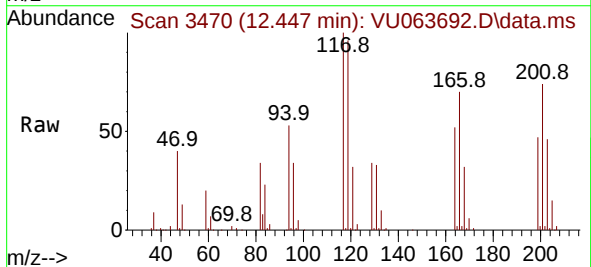
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MSVOA_U
ClientSampleId :
VSTDICCC050

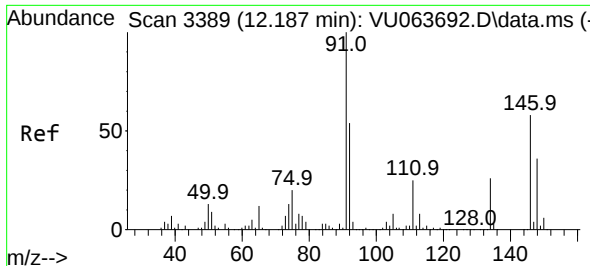
Tgt Ion: 91 Resp: 429557
Ion Ratio Lower Upper
91 100
92 54.0 27.0 81.0
134 24.9 12.4 37.4



#90
Hexachloroethane
Concen: 49.136 ug/l
RT: 12.447 min Scan# 3470
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion: 117 Resp: 71970
Ion Ratio Lower Upper
117 100
201 73.2 36.6 109.8

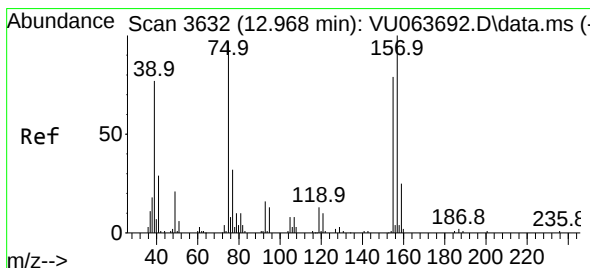
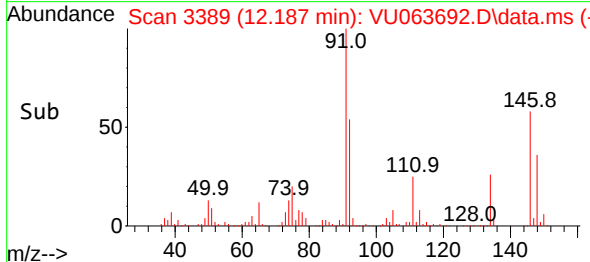
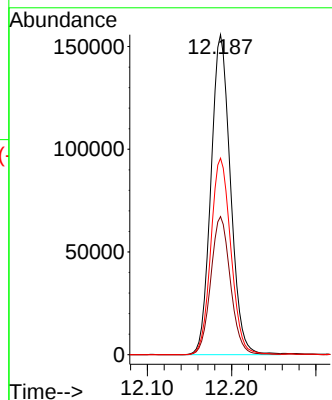
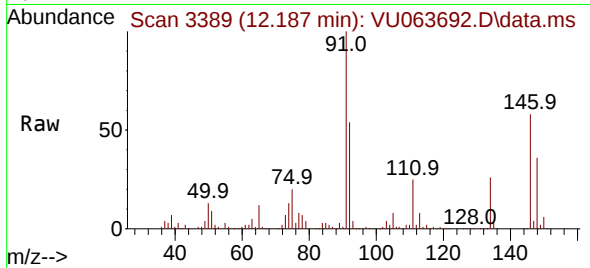




#91
 1,2-Dichlorobenzene
 Concen: 49.013 ug/l
 RT: 12.187 min Scan# 3389
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

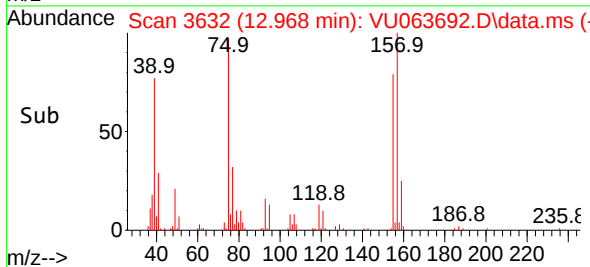
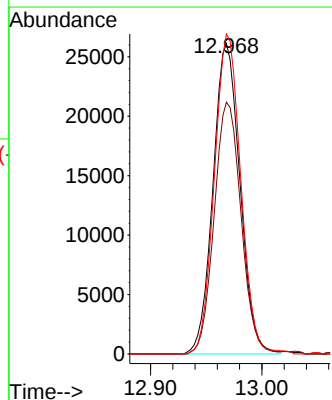
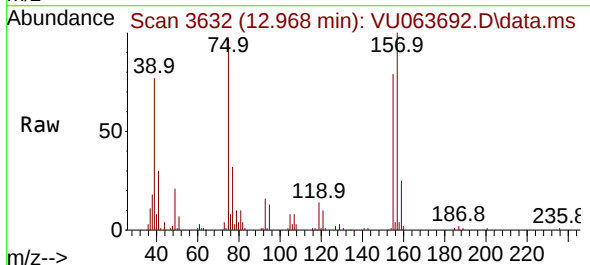
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

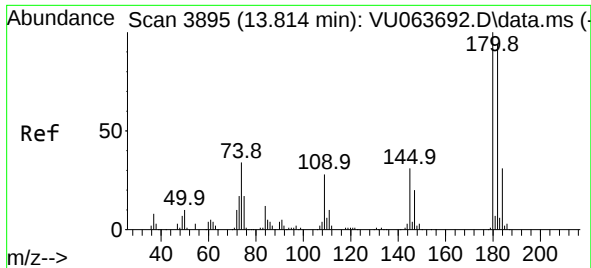
Tgt Ion:146 Resp: 250751
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.8 65.3
 148 63.1 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.445 ug/l
 RT: 12.968 min Scan# 3632
 Delta R.T. 0.000 min
 Lab File: VU063692.D
 Acq: 10 Nov 2025 13:10

Tgt Ion: 75 Resp: 43882
 Ion Ratio Lower Upper
 75 100
 155 80.9 40.5 121.4
 157 100.9 50.4 151.3

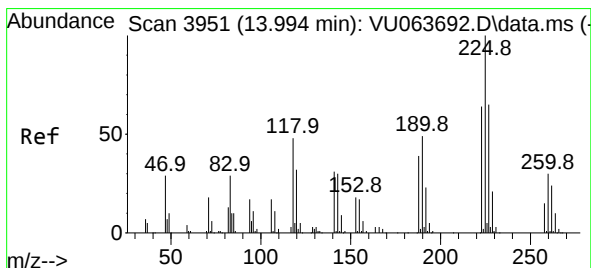
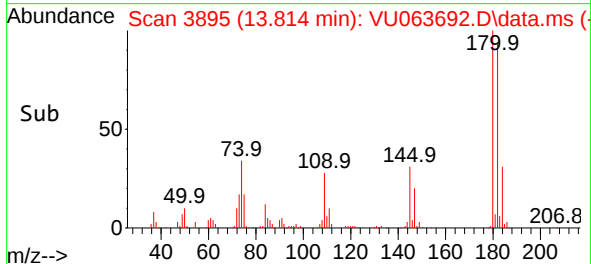
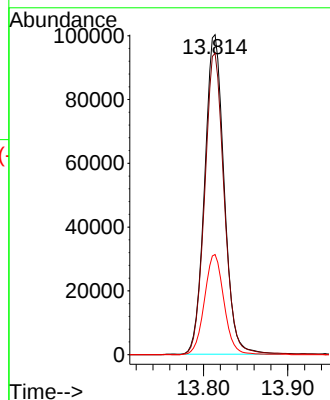
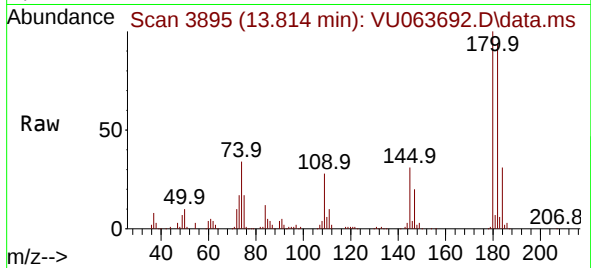




#93
1,2,4-Trichlorobenzene
Concen: 49.417 ug/l
RT: 13.814 min Scan# 3895
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

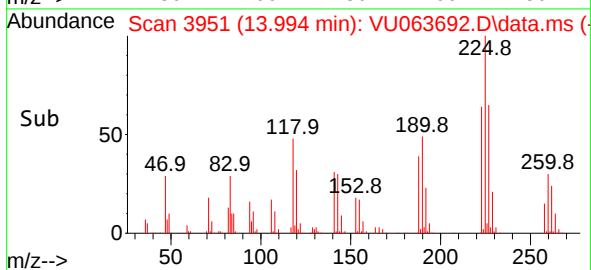
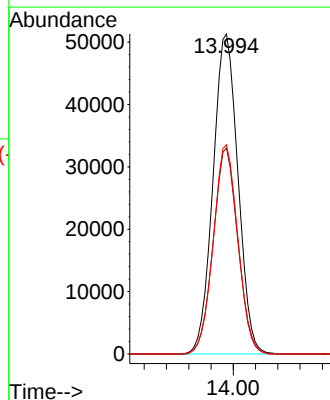
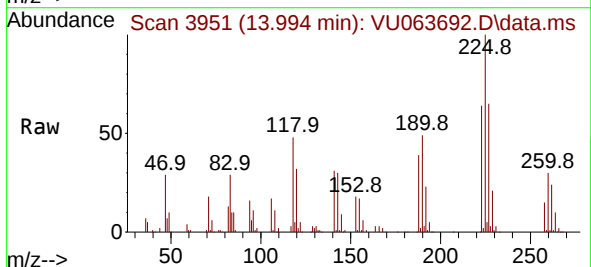
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

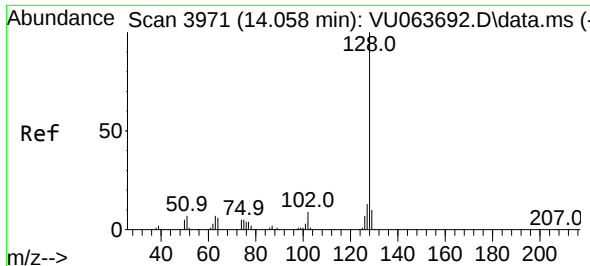
Tgt Ion:180 Resp: 161180
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 31.7 15.9 47.6



#94
Hexachlorobutadiene
Concen: 48.569 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion:225 Resp: 79820
Ion Ratio Lower Upper
225 100
223 63.2 31.6 94.8
227 64.7 32.4 97.0

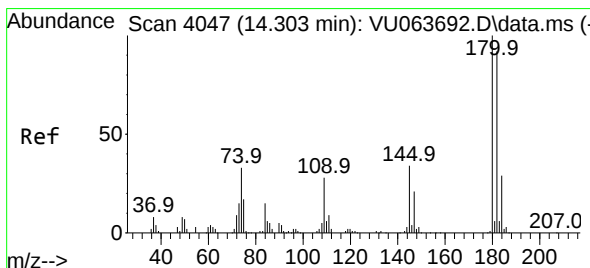
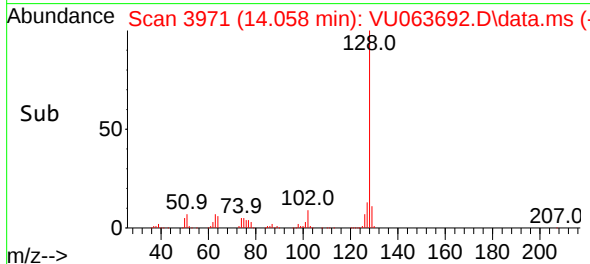
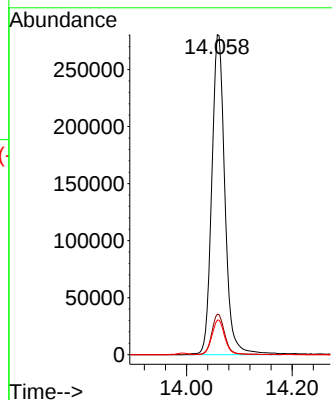
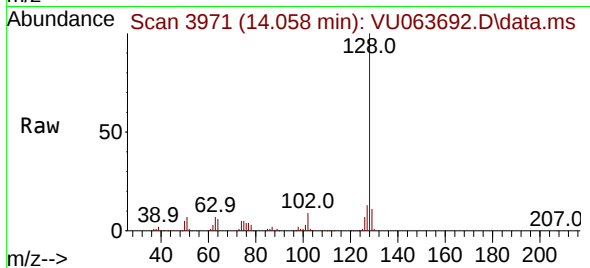




#95
Naphthalene
Concen: 54.706 ug/l
RT: 14.058 min Scan# 3971
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 483363
Ion Ratio Lower Upper
128 100
127 12.4 9.9 14.9
129 10.5 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 50.977 ug/l
RT: 14.303 min Scan# 4047
Delta R.T. 0.000 min
Lab File: VU063692.D
Acq: 10 Nov 2025 13:10

Tgt Ion:180 Resp: 154581
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 33.1 16.6 49.7

