

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111225\
 Data File : VU063709.D
 Acq On : 12 Nov 2025 08:58
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 14 04:40:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:41:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.341	168	188544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	316275	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	296738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	161006	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.669	65	137380	49.324	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.640%
35) Dibromofluoromethane	5.255	113	108822	49.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.260%
50) Toluene-d8	7.872	98	370632	46.573	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.140%
62) 4-Bromofluorobenzene	10.608	95	163172	49.566	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.140%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.374	85	52399	46.018	ug/l	96
3) Chloromethane	1.509	50	53967	48.478	ug/l	99
4) Vinyl Chloride	1.589	62	63780	45.541	ug/l	99
5) Bromomethane	1.830	94	46803	55.148	ug/l	99
6) Chloroethane	1.911	64	50816	47.979	ug/l	99
7) Trichlorofluoromethane	2.116	101	128209	47.844	ug/l	100
8) Diethyl Ether	2.354	74	56157	49.292	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.554	101	84077	49.380	ug/l	98
10) Methyl Iodide	2.695	142	94964	50.351	ug/l	99
11) Tert butyl alcohol	3.152	59	140117	215.620	ug/l	99
12) 1,1-Dichloroethene	2.554	96	68580	46.779	ug/l	98
13) Acrolein	2.464	56	9389	222.981	ug/l #	83
14) Allyl chloride	2.895	41	129623	47.407	ug/l	98
15) Acrylonitrile	3.280	53	337432	253.547	ug/l	100
16) Acetone	2.599	43	442233	289.738	ug/l	98
17) Carbon Disulfide	2.766	76	84906	45.443	ug/l	100
18) Methyl Acetate	2.920	43	249367	50.959	ug/l	100
19) Methyl tert-butyl Ether	3.332	73	335269	50.683	ug/l	100
20) Methylene Chloride	3.014	84	92205	51.344	ug/l	98
21) trans-1,2-Dichloroethene	3.322	96	70258	46.678	ug/l	94
22) Diisopropyl ether	3.956	45	299923	49.804	ug/l	95
23) Vinyl Acetate	3.920	43	992081	241.562	ug/l	99
24) 1,1-Dichloroethane	3.833	63	169336	48.755	ug/l	100
25) 2-Butanone	4.666	43	490482	255.762	ug/l	98
26) 2,2-Dichloropropane	4.628	77	141312	47.372	ug/l	99
27) cis-1,2-Dichloroethene	4.634	96	108624	49.396	ug/l	100
28) Bromochloromethane	4.936	49	84278	60.636	ug/l	98
29) Tetrahydrofuran	5.017	42	272571	244.263	ug/l	99
30) Chloroform	5.055	83	193988	50.981	ug/l	100
31) Cyclohexane	5.354	56	109628	49.467	ug/l	99
32) 1,1,1-Trichloroethane	5.280	97	155341	49.750	ug/l	99
36) 1,1-Dichloropropene	5.496	75	102234	45.344	ug/l	98
37) Ethyl Acetate	4.776	43	147133	46.087	ug/l	99
38) Carbon Tetrachloride	5.493	117	114195	46.862	ug/l	98
39) Methylcyclohexane	6.734	83	117135	45.760	ug/l	98
40) Benzene	5.743	78	352691	48.475	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.939	41	81684	49.231	ug/l	99
42) 1,2-Dichloroethane	5.763	62	146489	51.050	ug/l	98
43) Isopropyl Acetate	5.882	43	231338	49.438	ug/l	99
44) Trichloroethene	6.515	130	96667	47.357	ug/l	98
45) 1,2-Dichloropropane	6.759	63	97355	49.223	ug/l	100
46) Dibromomethane	6.888	93	77793	52.382	ug/l	99
47) Bromodichloromethane	7.074	83	151889	50.447	ug/l	99
48) Methyl methacrylate	6.933	41	113906	49.591	ug/l	97
49) 1,4-Dioxane	6.933	88	57196	939.914	ug/l	99
51) 4-Methyl-2-Pentanone	7.759	43	890026	248.556	ug/l	100
52) Toluene	7.943	92	230231	48.760	ug/l	99
53) t-1,3-Dichloropropene	8.184	75	119553	47.153	ug/l	95
54) cis-1,3-Dichloropropene	7.579	75	137972	48.552	ug/l	99
55) 1,1,2-Trichloroethane	8.370	97	111022	51.238	ug/l	98
56) Ethyl methacrylate	8.309	69	165571	51.787	ug/l	98
57) 1,3-Dichloropropane	8.547	76	176560	49.946	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.444	63	9494	246.952	ug/l	97
59) 2-Hexanone	8.656	43	669965	251.204	ug/l	100
60) Dibromochloromethane	8.782	129	116194	51.198	ug/l	99
61) 1,2-Dibromoethane	8.898	107	107223	51.354	ug/l	97
64) Tetrachloroethene	8.528	164	95641	49.958	ug/l	97
65) Chlorobenzene	9.422	112	280657	48.404	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.505	131	99298	50.351	ug/l	98
67) Ethyl Benzene	9.544	91	471009	48.770	ug/l	99
68) m/p-Xylenes	9.669	106	356964	100.137	ug/l	99
69) o-Xylene	10.074	106	180987	49.202	ug/l	97
70) Styrene	10.090	104	305709	51.740	ug/l	99
71) Bromoform	10.264	173	80134	50.460	ug/l #	97
73) Isopropylbenzene	10.457	105	493499	48.787	ug/l	99
74) N-amyl acetate	10.299	43	167730	47.592	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.756	83	191054	49.184	ug/l	100
76) 1,2,3-Trichloropropane	10.798	75	193513	47.695	ug/l #	100
77) Bromobenzene	10.756	156	125087	49.150	ug/l	98
78) n-propylbenzene	10.881	91	564300	48.630	ug/l	100
79) 2-Chlorotoluene	10.959	91	357194	47.623	ug/l	99
80) 1,3,5-Trimethylbenzene	11.061	105	422325	49.792	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.518	75	37457	49.181	ug/l	94
82) 4-Chlorotoluene	11.071	91	412203	48.362	ug/l	99
83) tert-Butylbenzene	11.393	119	427490	48.387	ug/l	99
84) 1,2,4-Trimethylbenzene	11.441	105	408355	49.061	ug/l	99
85) sec-Butylbenzene	11.618	105	539844	48.371	ug/l	99
86) p-Isopropyltoluene	11.766	119	445232	49.696	ug/l	99
87) 1,3-Dichlorobenzene	11.721	146	236399	49.440	ug/l	99
88) 1,4-Dichlorobenzene	11.811	146	239796	47.935	ug/l	99
89) n-Butylbenzene	12.184	91	380678	46.266	ug/l	100
90) Hexachloroethane	12.447	117	65546	47.957	ug/l	100
91) 1,2-Dichlorobenzene	12.187	146	233668	48.946	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.968	75	39554	49.694	ug/l	98
93) 1,2,4-Trichlorobenzene	13.810	180	143242	47.064	ug/l	99
94) Hexachlorobutadiene	13.994	225	74557	48.617	ug/l	98
95) Naphthalene	14.058	128	375193	45.506	ug/l	99
96) 1,2,3-Trichlorobenzene	14.299	180	134395	47.496	ug/l	100

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Nov 11 01:41:19 2025
Response via : Initial Calibration

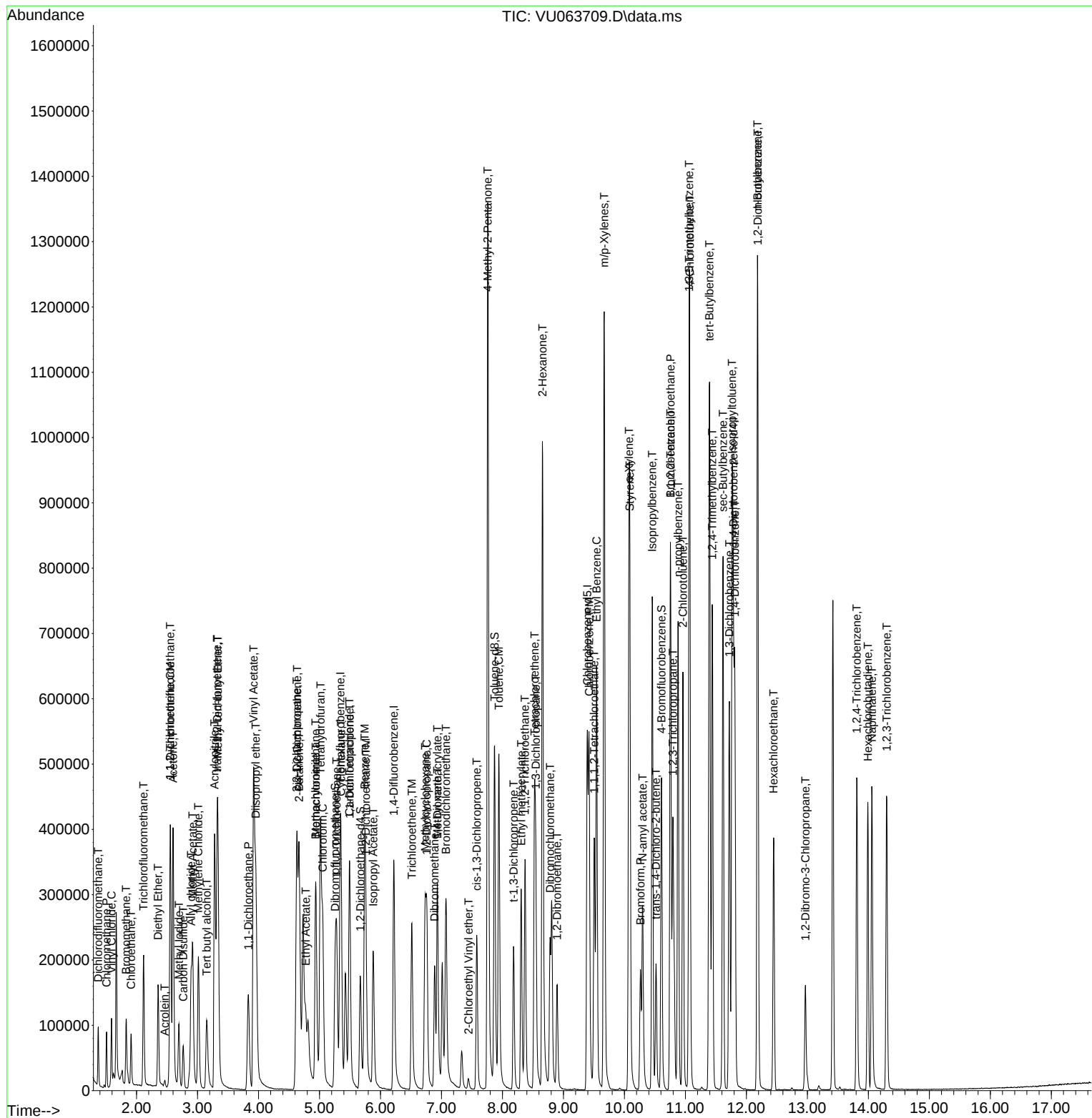
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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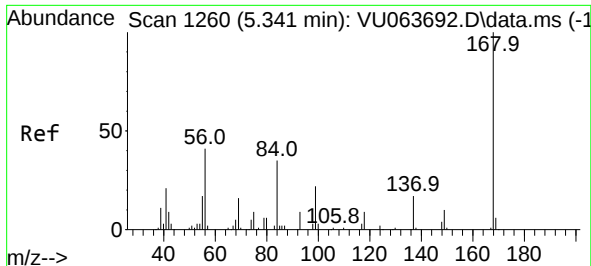
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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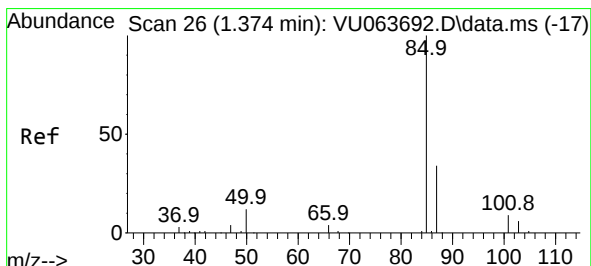
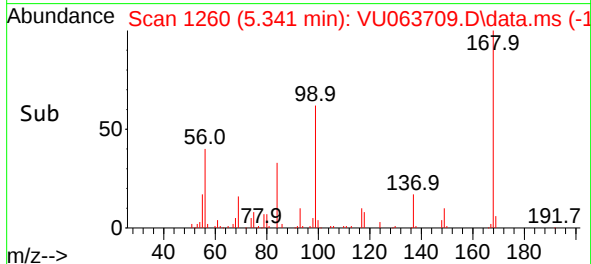
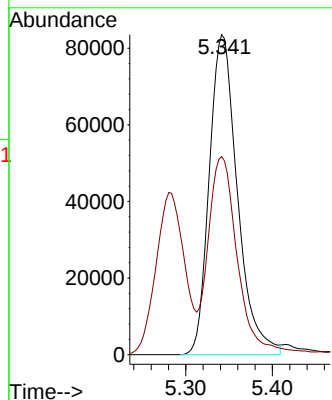
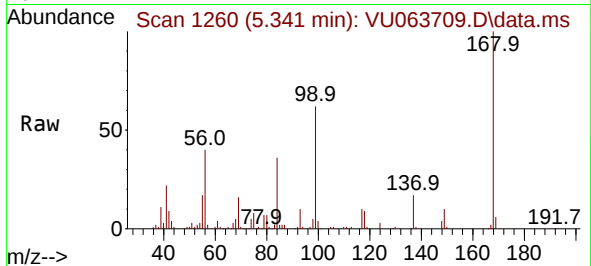




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.341 min Scan# 11
Delta R.T. 0.000 min
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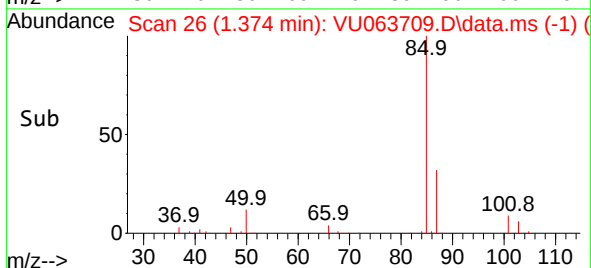
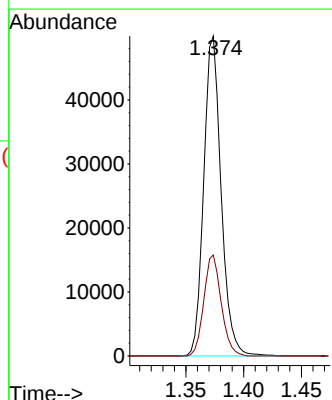
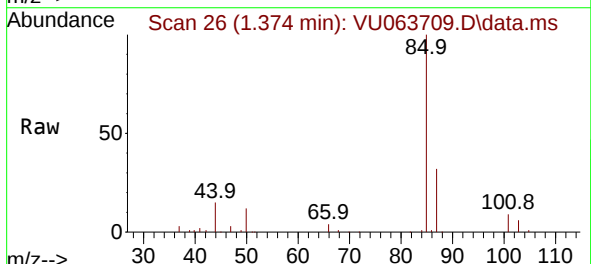
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

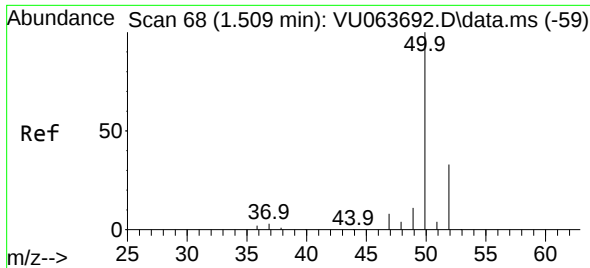
Tgt Ion:168 Resp: 188544
Ion Ratio Lower Upper
168 100
99 59.8 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 46.018 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 85 Resp: 52399
Ion Ratio Lower Upper
85 100
87 31.5 17.0 51.0

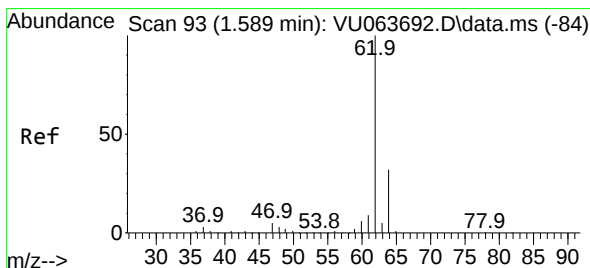
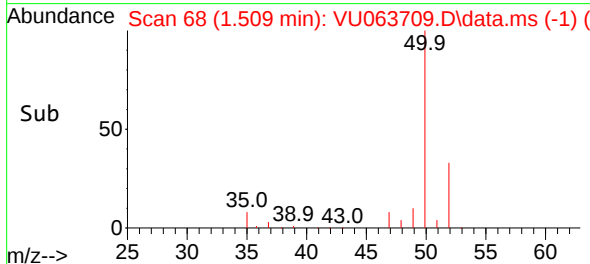
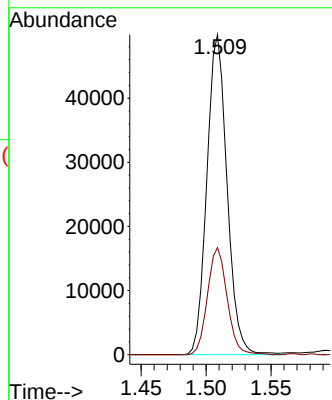
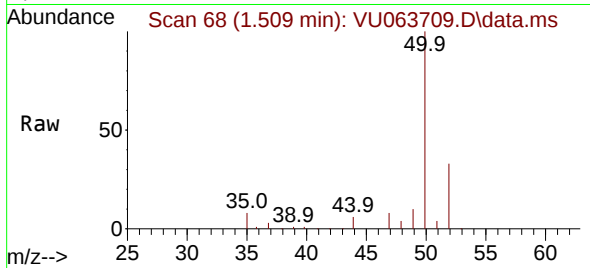




#3
Chloromethane
Concen: 48.478 ug/l
RT: 1.509 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

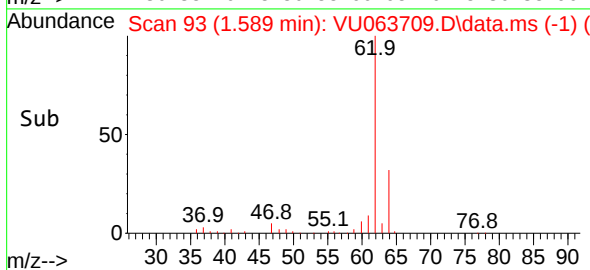
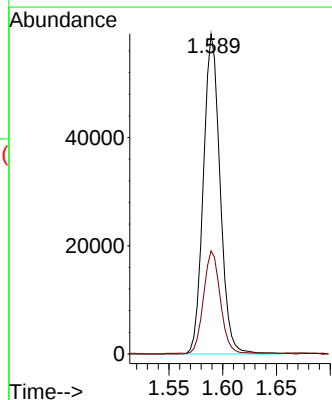
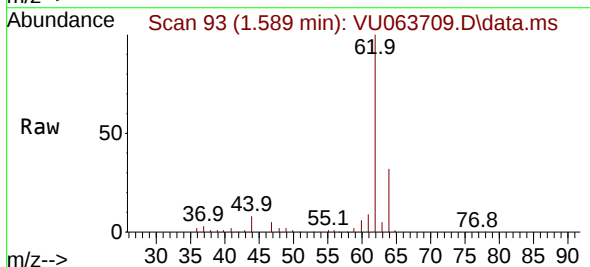
Instrument :
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ClientSampleId :
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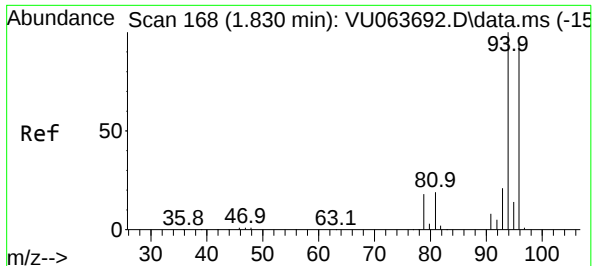
Tgt Ion: 50 Resp: 53967
Ion Ratio Lower Upper
50 100
52 33.4 26.3 39.5



#4
Vinyl Chloride
Concen: 45.541 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 62 Resp: 63780
Ion Ratio Lower Upper
62 100
64 32.0 25.9 38.9

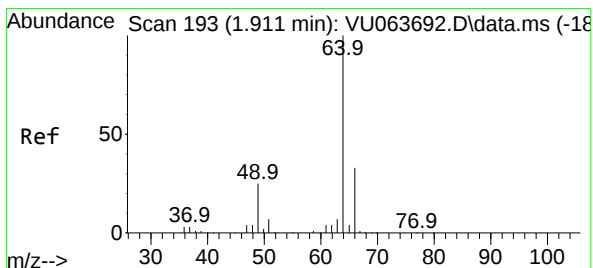
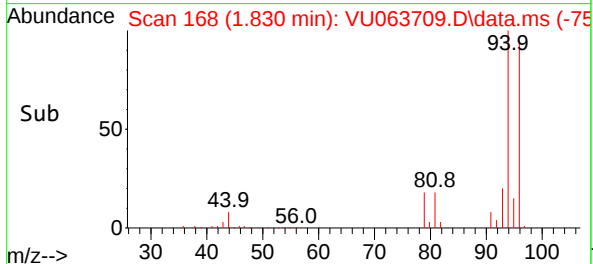
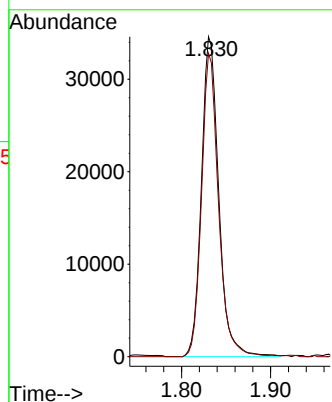
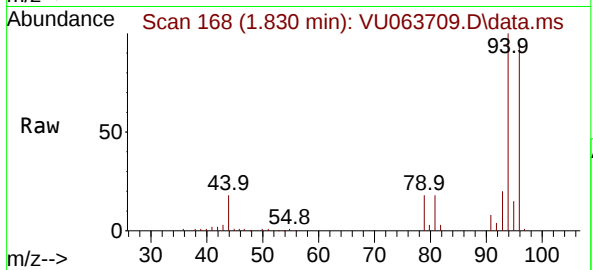




#5
Bromomethane
Concen: 55.148 ug/l
RT: 1.830 min Scan# 168
Delta R.T. 0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

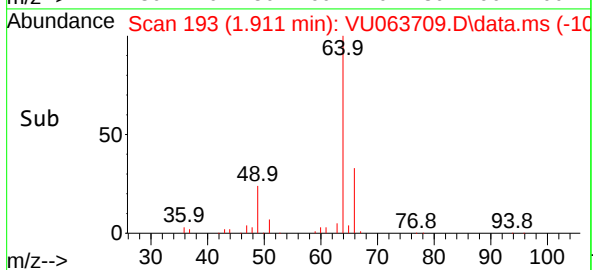
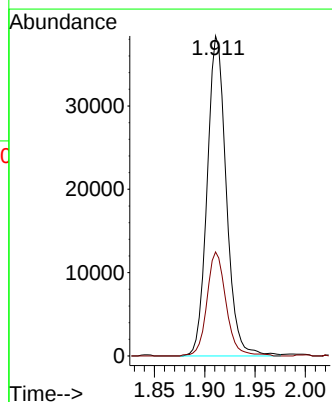
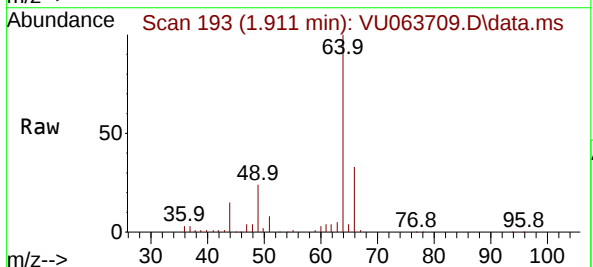
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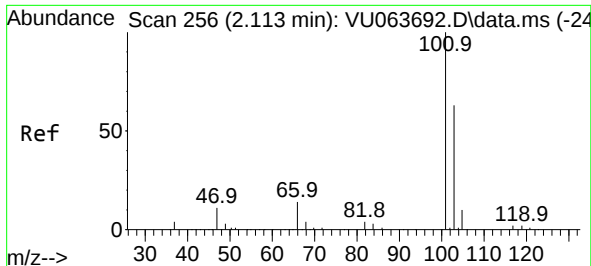
Tgt Ion: 94 Resp: 46803
Ion Ratio Lower Upper
94 100
96 94.8 74.8 112.2



#6
Chloroethane
Concen: 47.979 ug/l
RT: 1.911 min Scan# 193
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 64 Resp: 50816
Ion Ratio Lower Upper
64 100
66 32.5 26.4 39.6

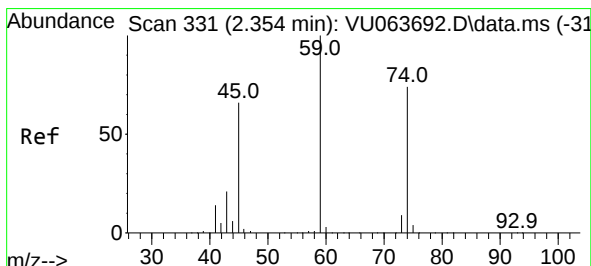
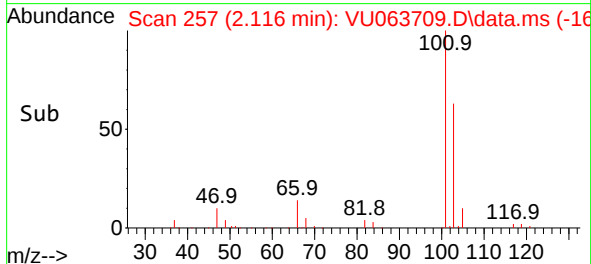
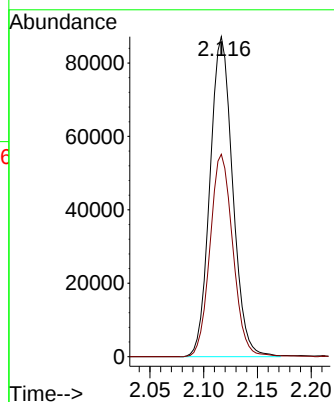
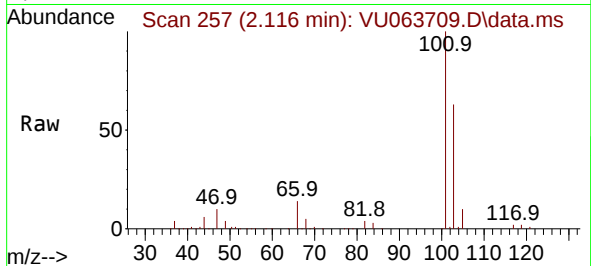




#7
 Trichlorofluoromethane
 Concen: 47.844 ug/l
 RT: 2.116 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU063709.D
 Acq: 12 Nov 2025 08:58

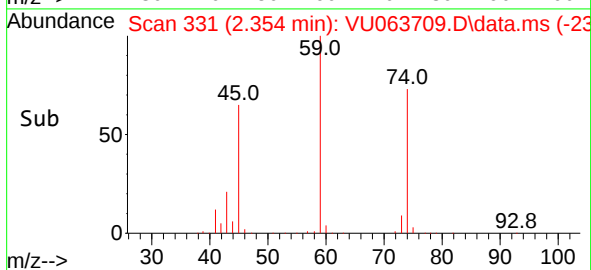
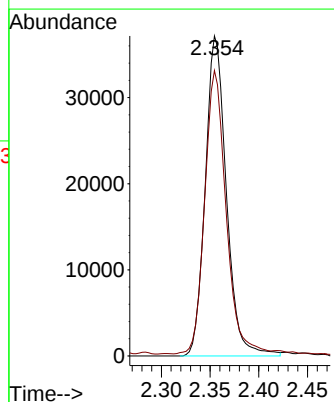
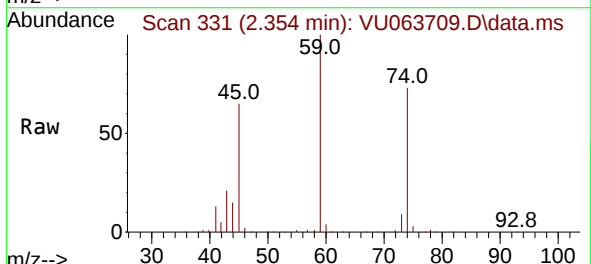
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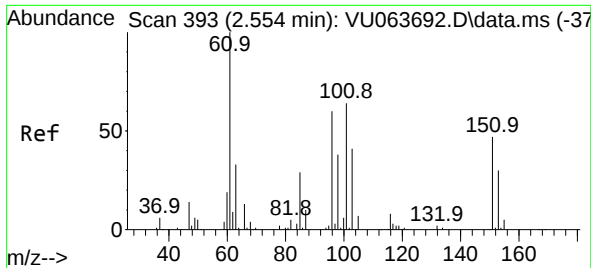
Tgt Ion:101 Resp: 128209
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.3 75.5



#8
 Diethyl Ether
 Concen: 49.292 ug/l
 RT: 2.354 min Scan# 331
 Delta R.T. -0.000 min
 Lab File: VU063709.D
 Acq: 12 Nov 2025 08:58

Tgt Ion: 74 Resp: 56157
 Ion Ratio Lower Upper
 74 100
 45 89.2 44.1 132.4

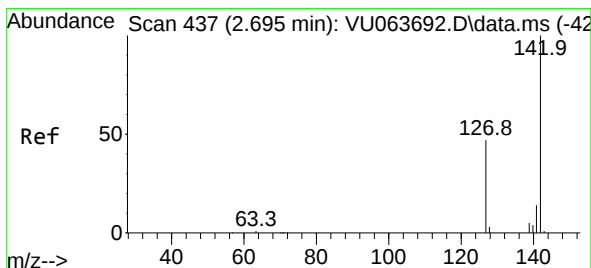
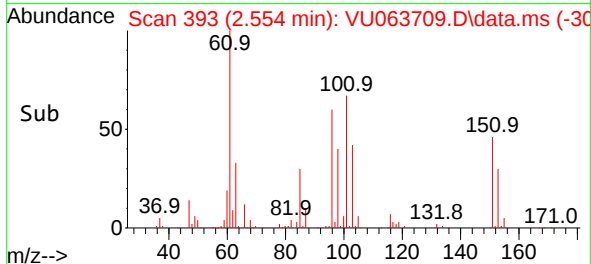
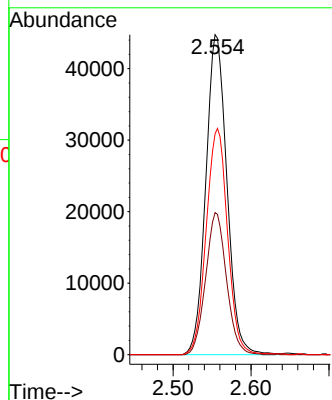
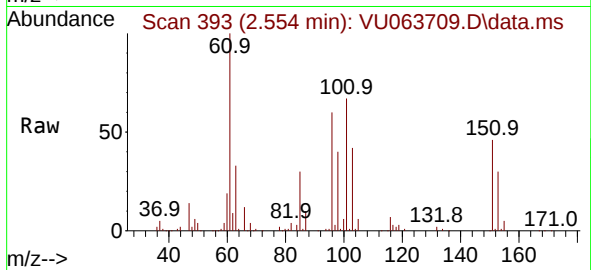




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.380 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

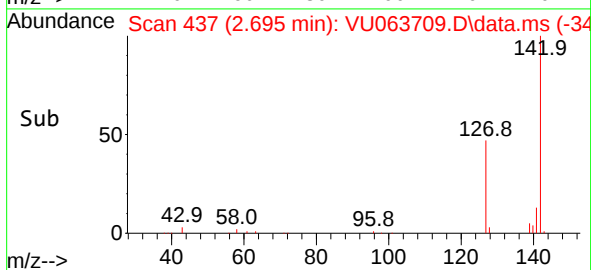
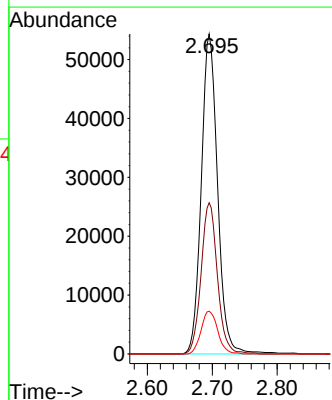
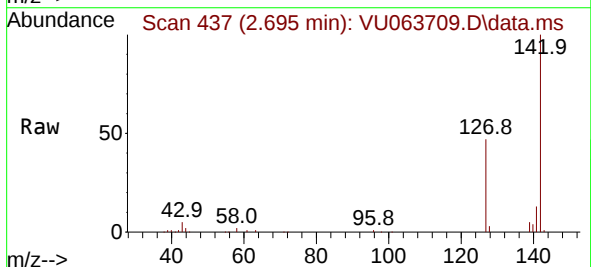
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

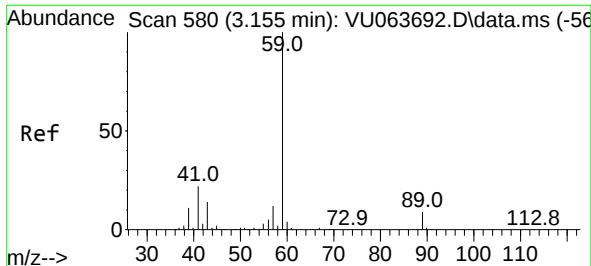
Tgt Ion:101 Resp: 84077
Ion Ratio Lower Upper
101 100
85 43.9 36.2 54.4
151 71.7 58.5 87.7



#10
Methyl Iodide
Concen: 50.351 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion:142 Resp: 94964
Ion Ratio Lower Upper
142 100
127 47.2 37.2 55.8
141 13.7 11.4 17.0

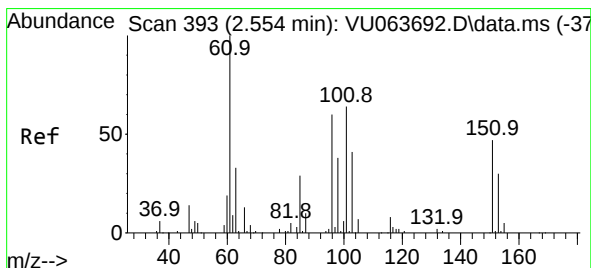
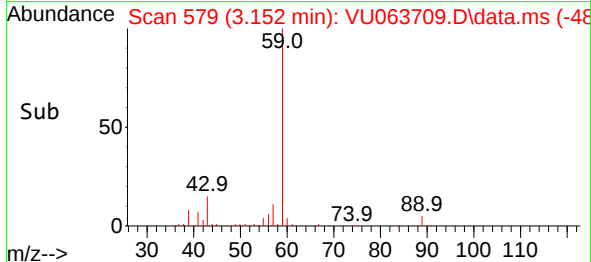
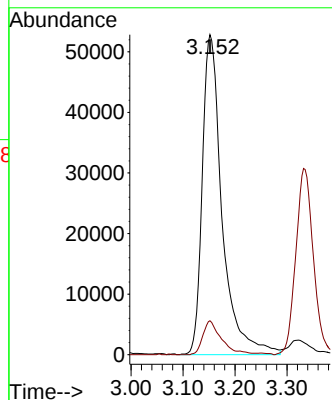
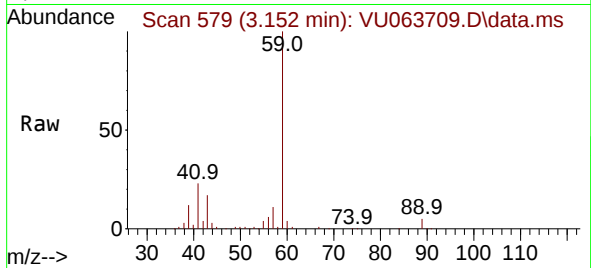




#11
Tert butyl alcohol
Concen: 215.620 ug/l
RT: 3.152 min Scan# 511
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

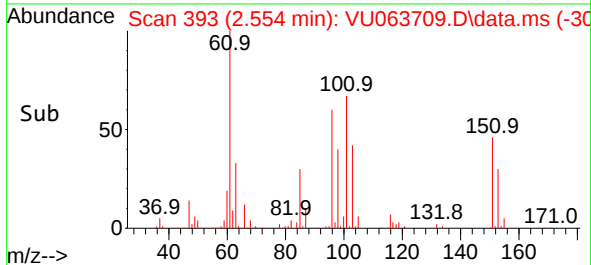
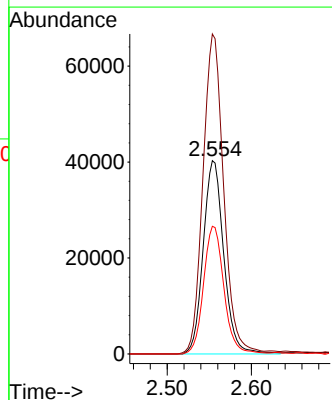
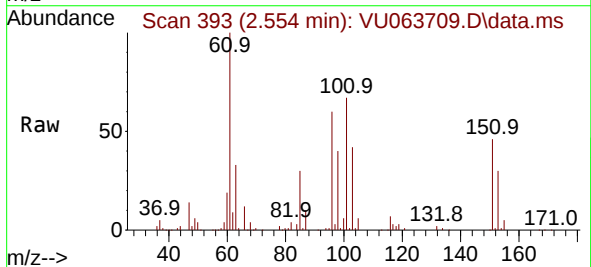
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

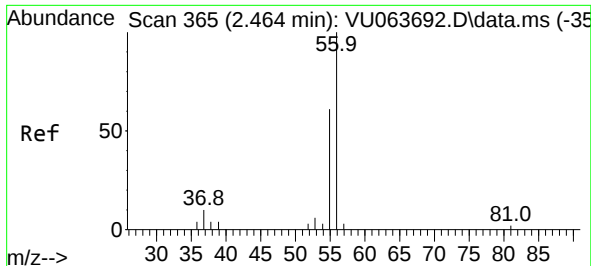
Tgt Ion: 59 Resp: 140117
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.779 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 96 Resp: 68580
Ion Ratio Lower Upper
96 100
61 165.2 133.1 199.7
98 66.0 50.7 76.1

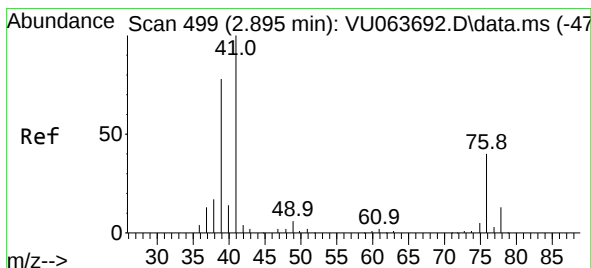
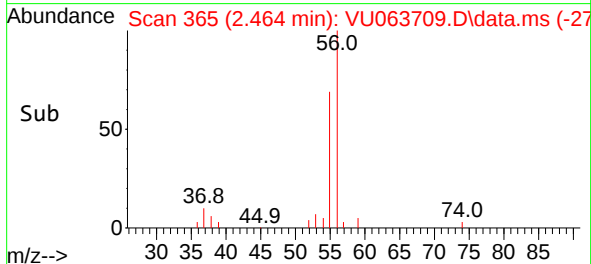
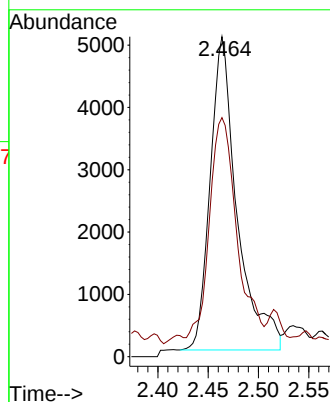
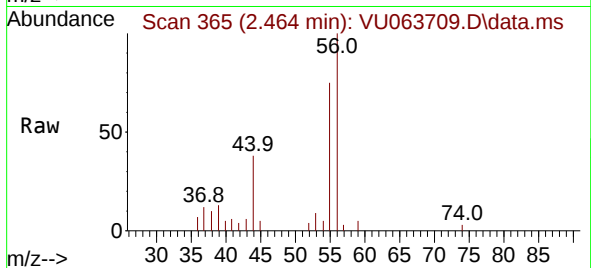




#13
Acrolein
Concen: 222.981 ug/l
RT: 2.464 min Scan# 365
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

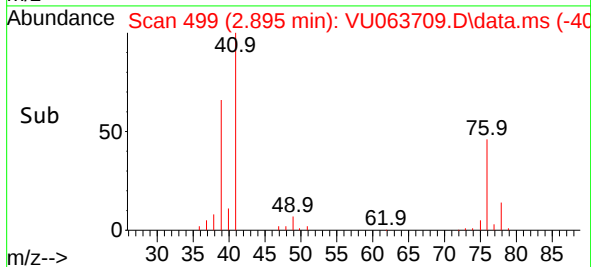
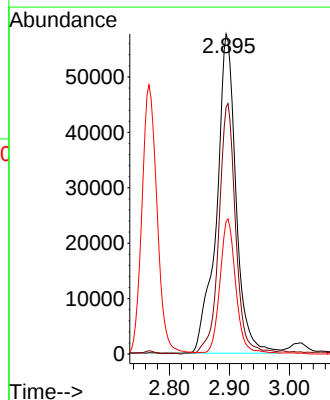
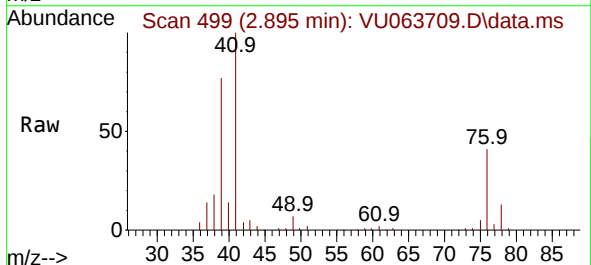
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

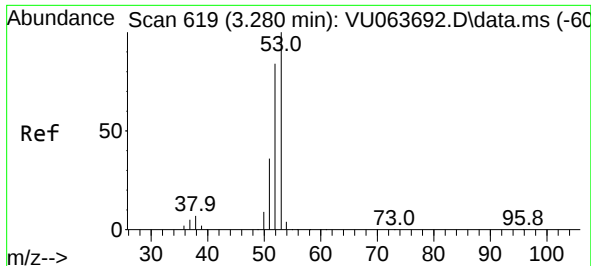
Tgt Ion: 56 Resp: 9389
Ion Ratio Lower Upper
56 100
55 72.0 47.1 70.7#



#14
Allyl chloride
Concen: 47.407 ug/l
RT: 2.895 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 41 Resp: 129623
Ion Ratio Lower Upper
41 100
39 67.9 53.1 79.7
76 33.9 26.4 39.6

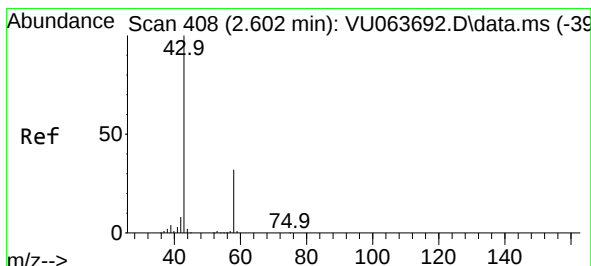
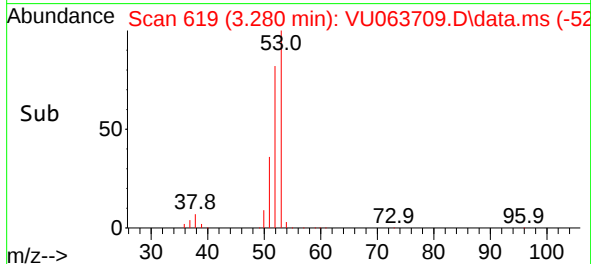
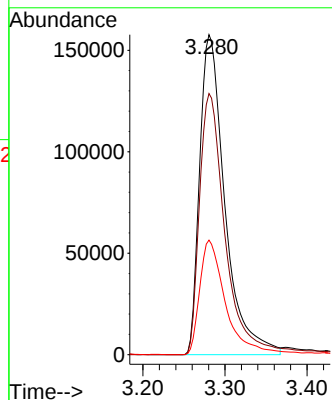
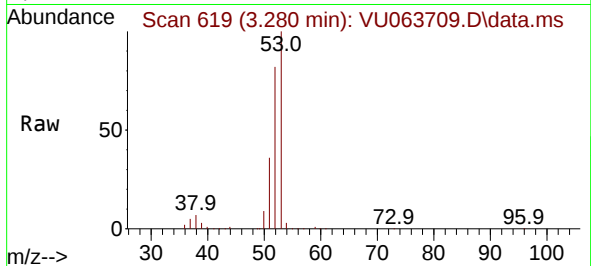




#15
Acrylonitrile
Concen: 253.547 ug/l
RT: 3.280 min Scan# 619
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

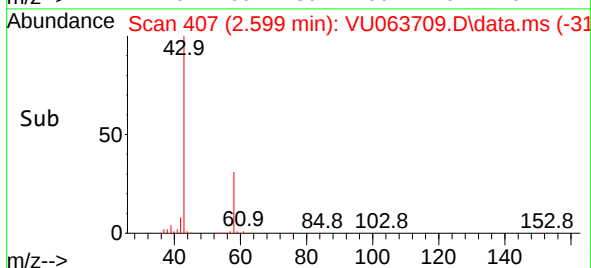
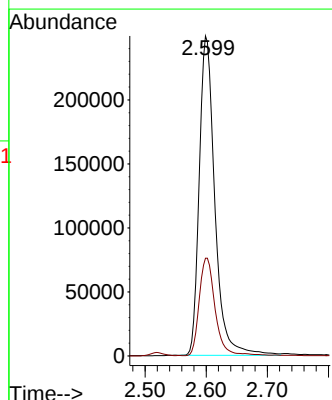
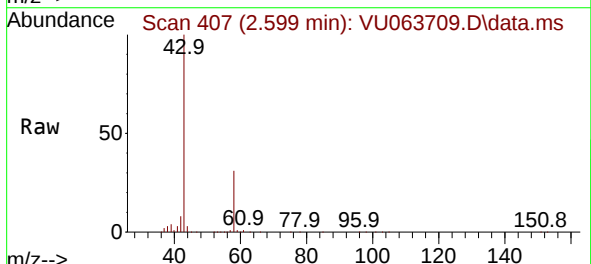
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

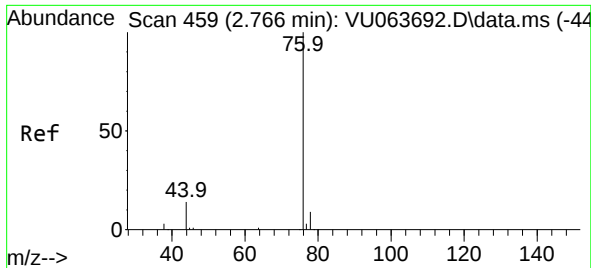
Tgt Ion: 53 Resp: 337432
Ion Ratio Lower Upper
53 100
52 84.5 67.5 101.3
51 37.0 29.0 43.6



#16
Acetone
Concen: 289.738 ug/l
RT: 2.599 min Scan# 407
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 43 Resp: 442233
Ion Ratio Lower Upper
43 100
58 30.4 25.4 38.2

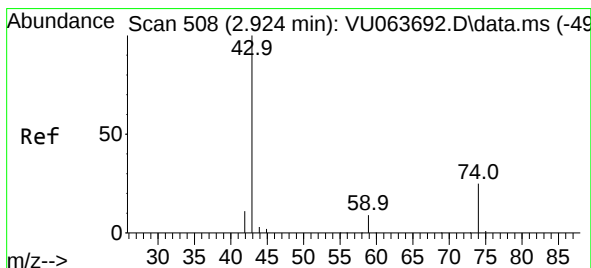
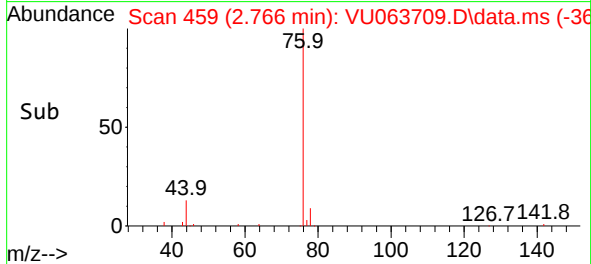
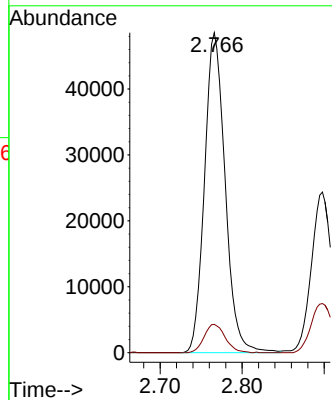
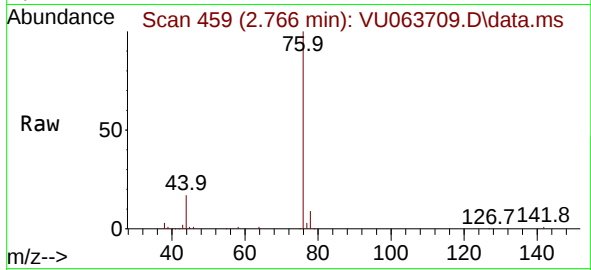




#17
Carbon Disulfide
Concen: 45.443 ug/l
RT: 2.766 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

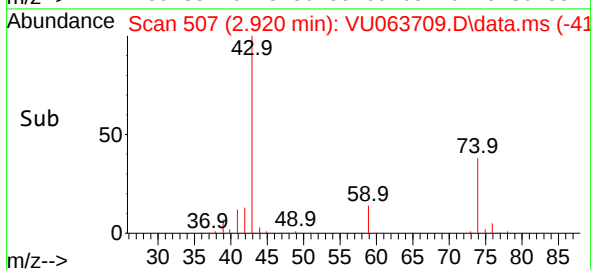
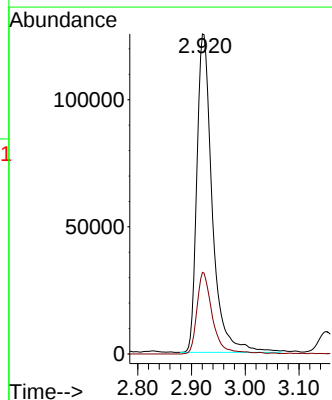
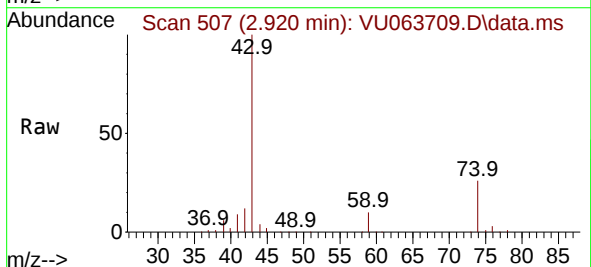
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

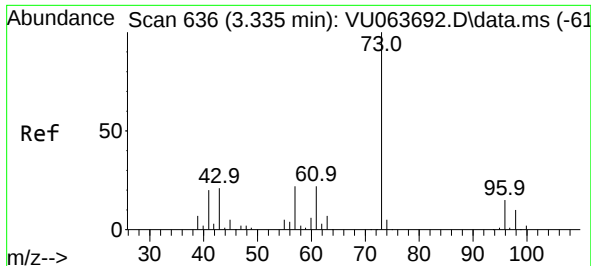
Tgt Ion: 76 Resp: 84906
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 50.959 ug/l
RT: 2.920 min Scan# 507
Delta R.T. -0.004 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 43 Resp: 249367
Ion Ratio Lower Upper
43 100
74 25.6 20.6 31.0

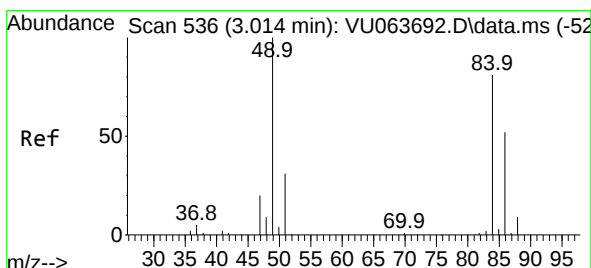
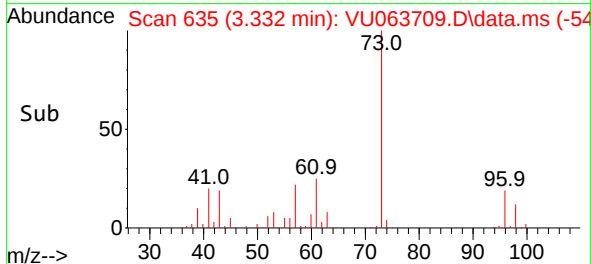
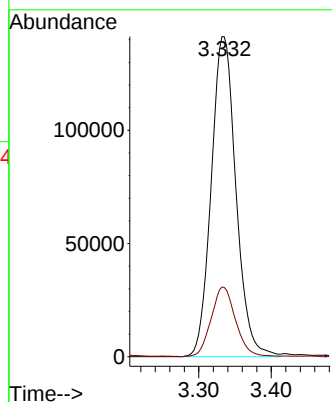
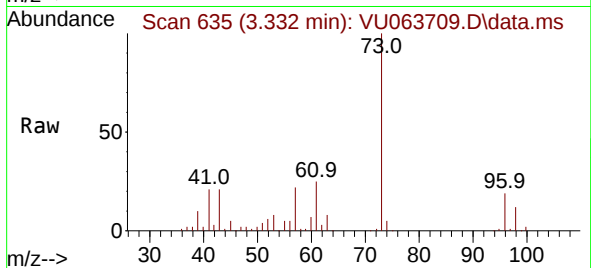




#19
Methyl tert-butyl Ether
Concen: 50.683 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

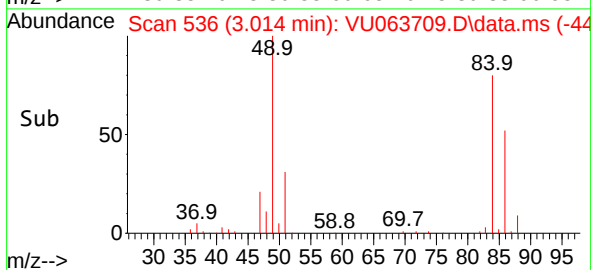
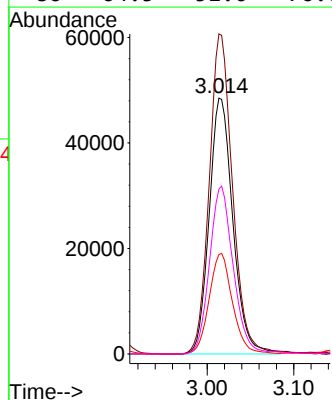
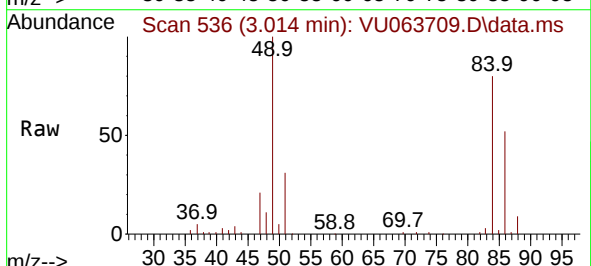
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

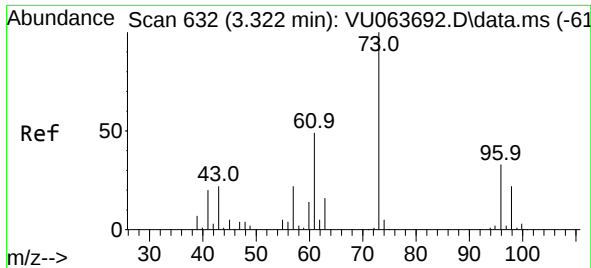
Tgt Ion: 73 Resp: 335269
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 51.344 ug/l
RT: 3.014 min Scan# 536
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 84 Resp: 92205
Ion Ratio Lower Upper
84 100
49 125.1 98.4 147.6
51 38.8 30.1 45.1
86 64.5 51.0 76.6

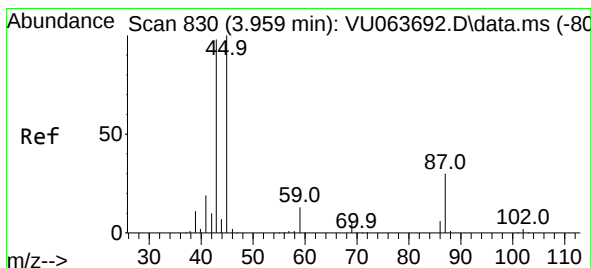
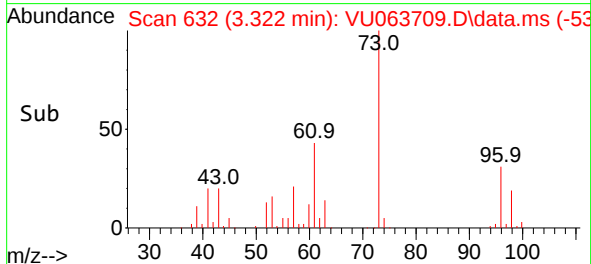
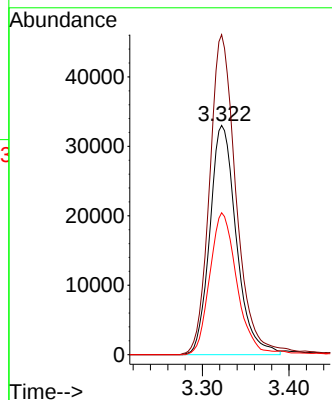
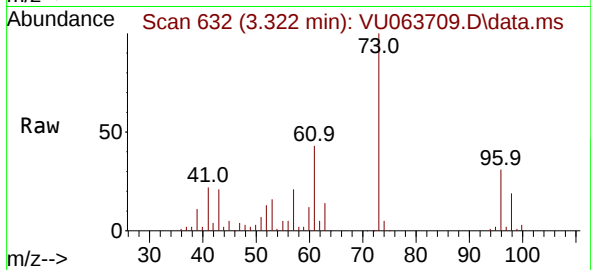




#21
trans-1,2-Dichloroethene
Concen: 46.678 ug/l
RT: 3.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

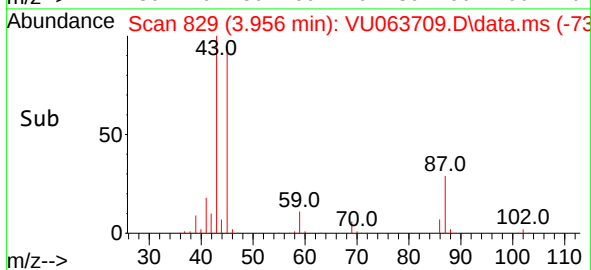
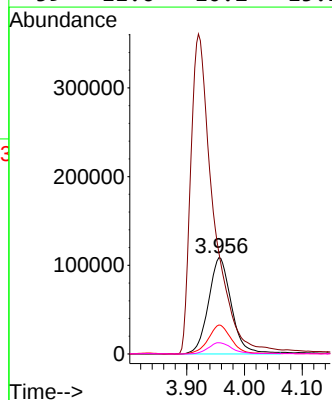
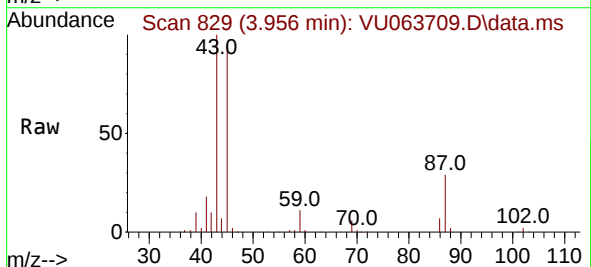
Instrument :
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ClientSampleId :
VSTDCCC050

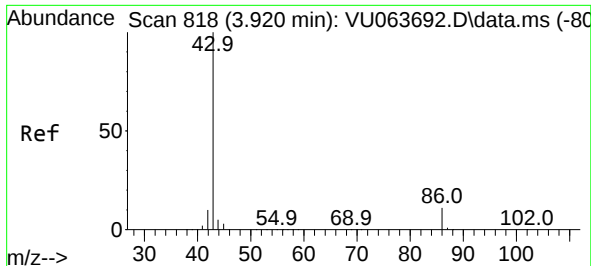
Tgt Ion: 96 Resp: 70258
Ion Ratio Lower Upper
96 100
61 139.6 117.5 176.3
98 61.9 52.7 79.1



#22
Diisopropyl ether
Concen: 49.804 ug/l
RT: 3.956 min Scan# 829
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 45 Resp: 299923
Ion Ratio Lower Upper
45 100
43 103.9 78.1 117.1
87 30.0 23.8 35.8
59 11.6 10.2 15.2

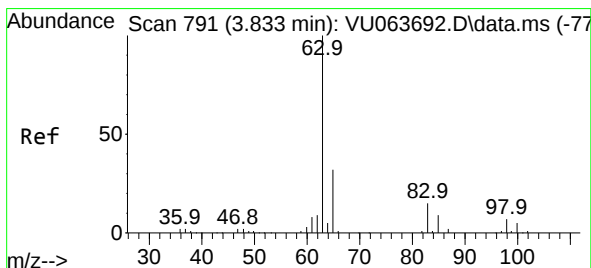
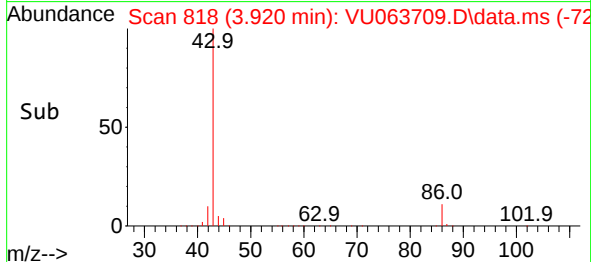
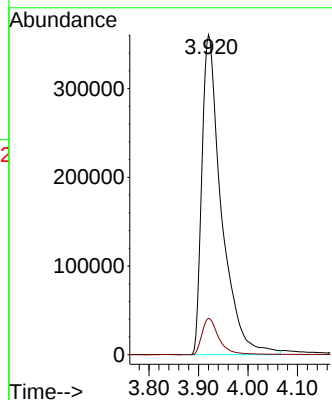
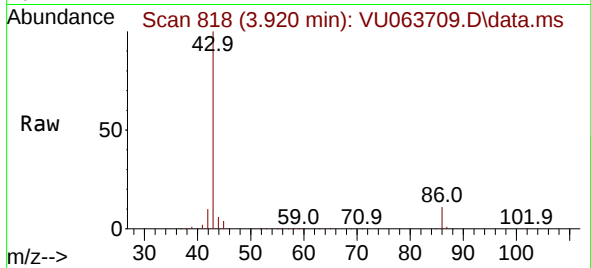




#23
 Vinyl Acetate
 Concen: 241.562 ug/l
 RT: 3.920 min Scan# 818
 Delta R.T. -0.000 min
 Lab File: VU063709.D
 Acq: 12 Nov 2025 08:58

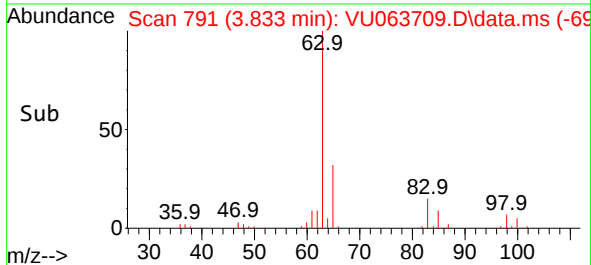
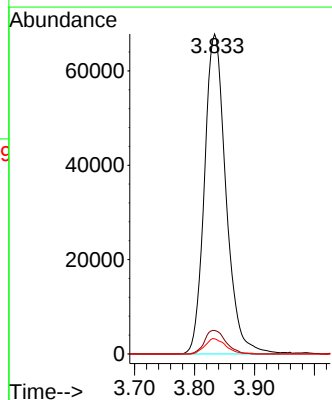
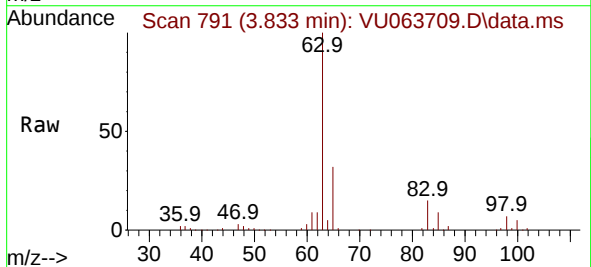
Instrument :
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 ClientSampleId :
 VSTDCCC050

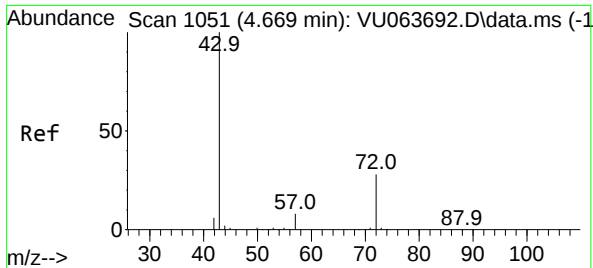
Tgt Ion: 43 Resp: 992081
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 48.755 ug/l
 RT: 3.833 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VU063709.D
 Acq: 12 Nov 2025 08:58

Tgt Ion: 63 Resp: 169336
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 255.762 ug/l

RT: 4.666 min Scan# 1050

Delta R.T. -0.003 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

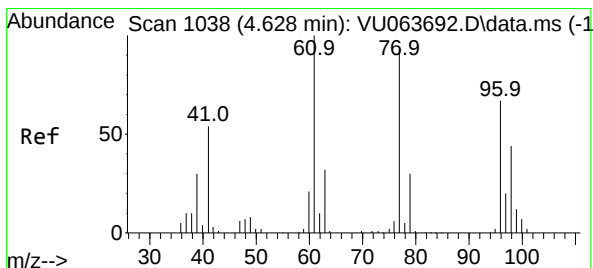
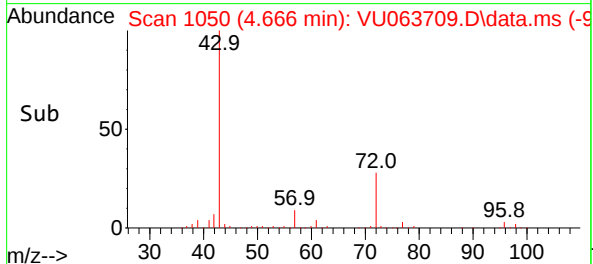
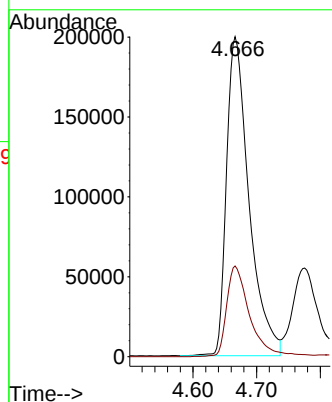
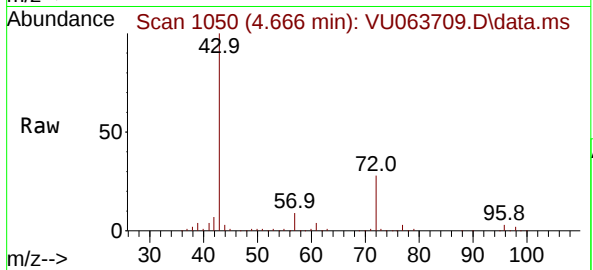
VSTDCCC050

Tgt Ion: 43 Resp: 490482

Ion Ratio Lower Upper

43 100

72 28.4 22.0 33.0



#26

2,2-Dichloropropane

Concen: 47.372 ug/l

RT: 4.628 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VU063709.D

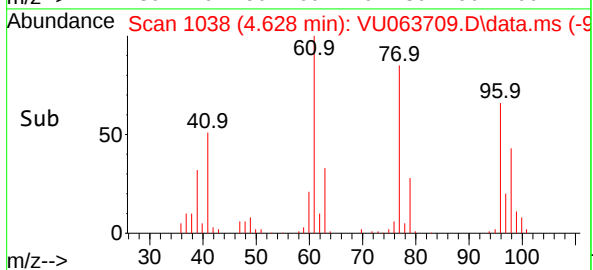
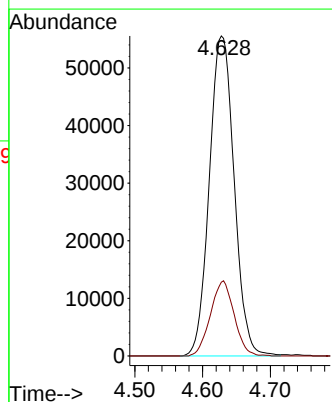
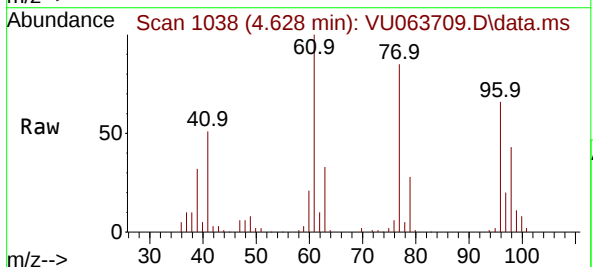
Acq: 12 Nov 2025 08:58

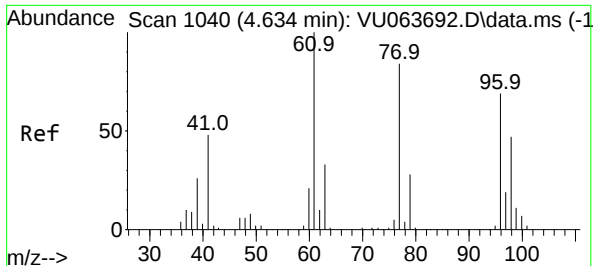
Tgt Ion: 77 Resp: 141312

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.9

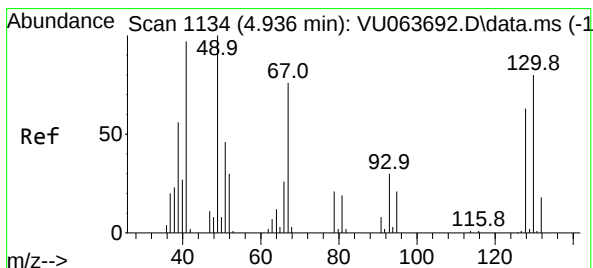
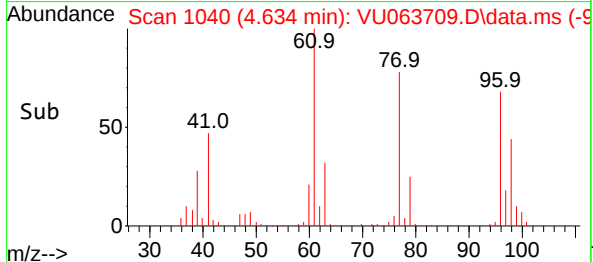
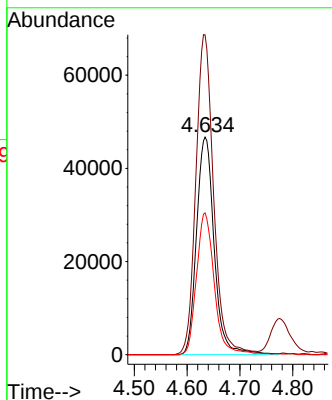
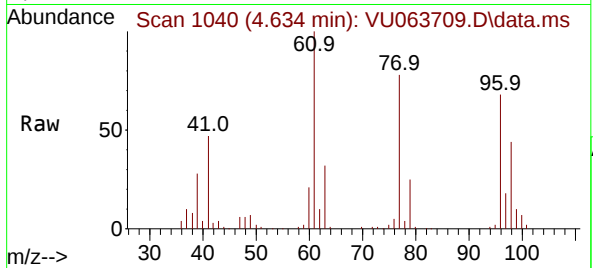




#27
 cis-1,2-Dichloroethene
 Concen: 49.396 ug/l
 RT: 4.634 min Scan# 1040
 Delta R.T. -0.000 min
 Lab File: VU063709.D
 Acq: 12 Nov 2025 08:58

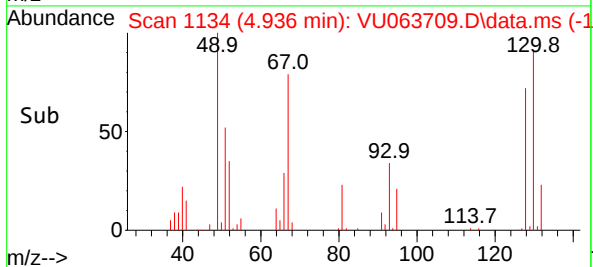
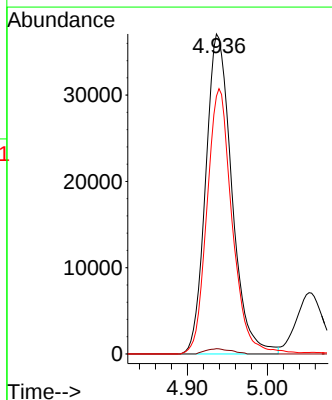
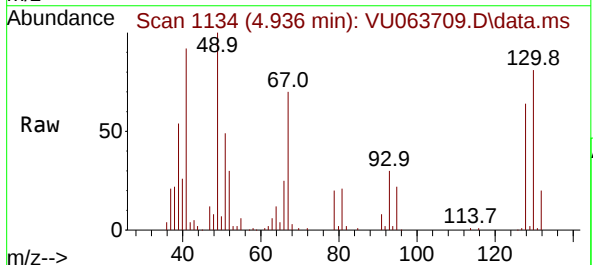
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

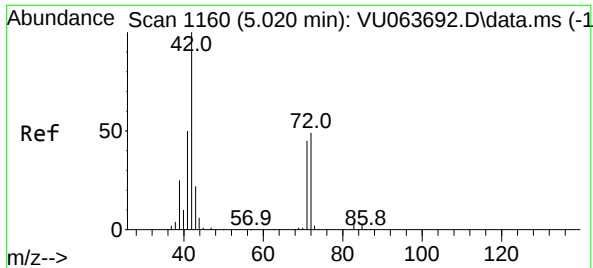
Tgt Ion: 96 Resp: 108624
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 295.4
 98 65.2 0.0 131.8



#28
 Bromochloromethane
 Concen: 60.636 ug/l
 RT: 4.936 min Scan# 1134
 Delta R.T. -0.000 min
 Lab File: VU063709.D
 Acq: 12 Nov 2025 08:58

Tgt Ion: 49 Resp: 84278
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.6
 130 79.9 65.1 97.7

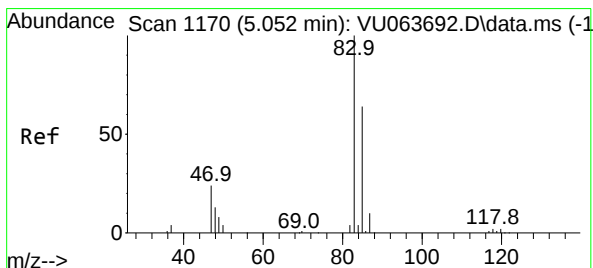
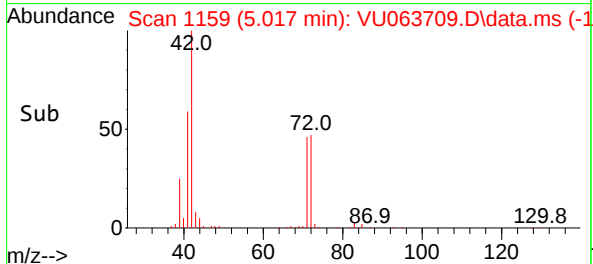
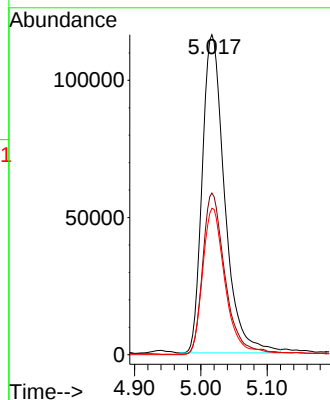
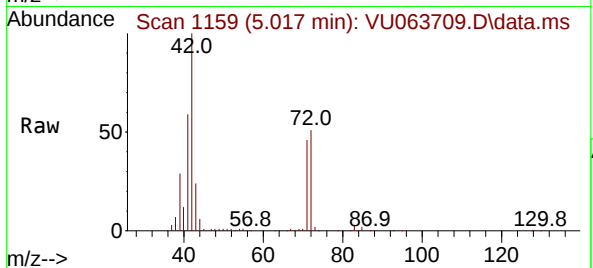




#29
Tetrahydrofuran
Concen: 244.263 ug/l
RT: 5.017 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

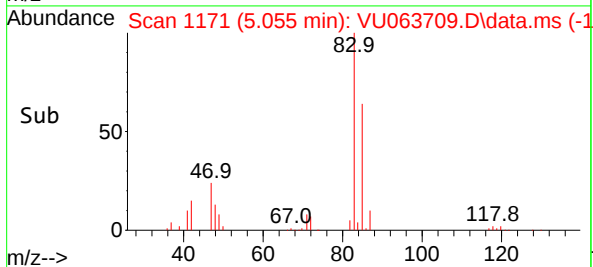
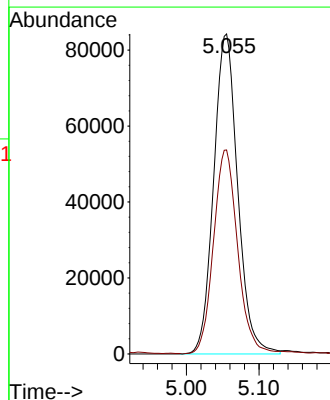
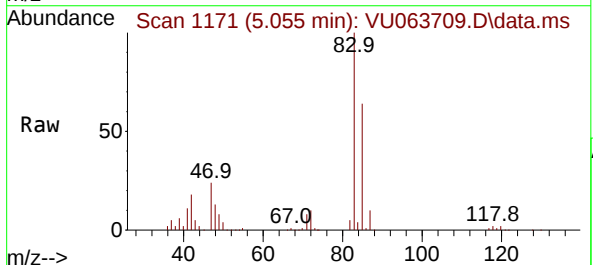
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

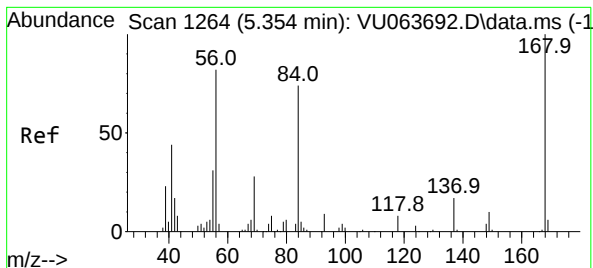
Tgt Ion: 42 Resp: 272571
Ion Ratio Lower Upper
42 100
72 50.8 40.0 60.0
71 46.5 37.4 56.0



#30
Chloroform
Concen: 50.981 ug/l
RT: 5.055 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 83 Resp: 193988
Ion Ratio Lower Upper
83 100
85 63.6 51.0 76.6





#31

Cyclohexane

Concen: 49.467 ug/l

RT: 5.354 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

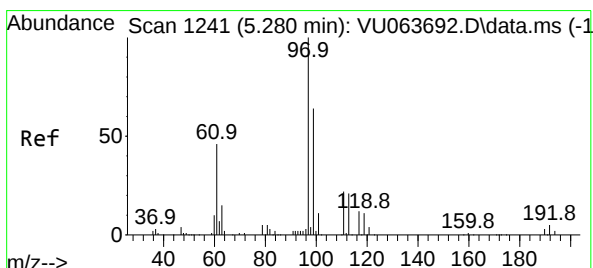
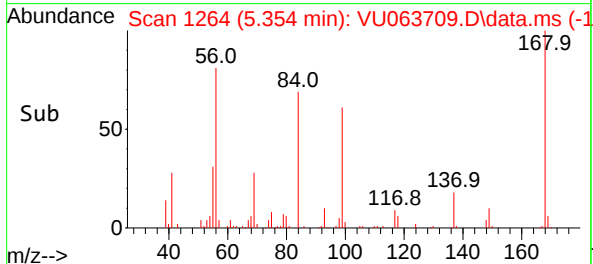
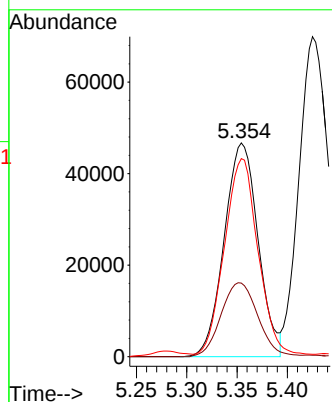
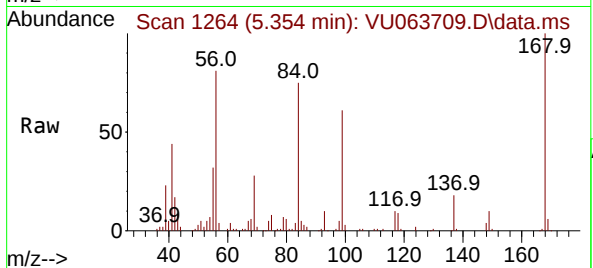
Tgt Ion: 56 Resp: 109628

Ion Ratio Lower Upper

56 100

69 34.4 27.0 40.6

84 91.0 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 49.750 ug/l

RT: 5.280 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

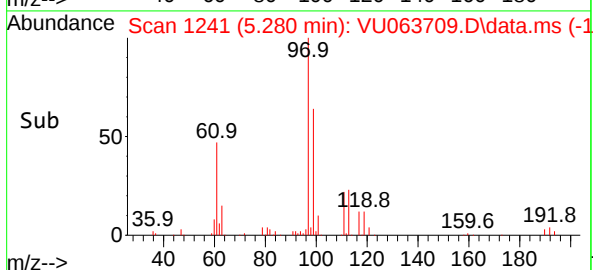
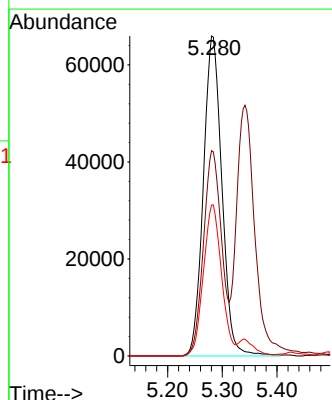
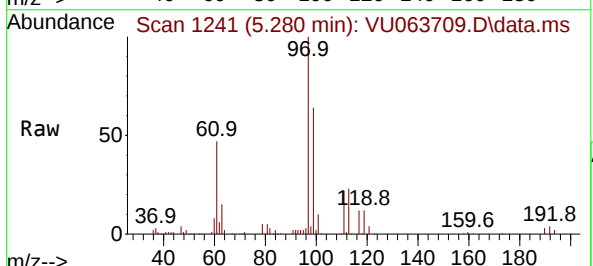
Tgt Ion: 97 Resp: 155341

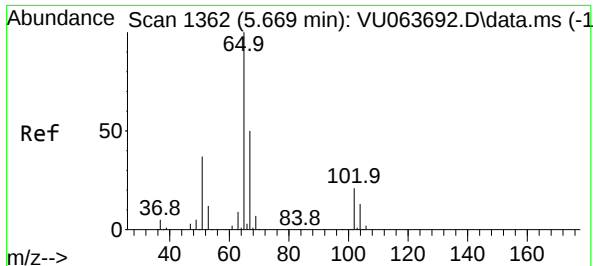
Ion Ratio Lower Upper

97 100

99 62.6 49.8 74.8

61 46.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 49.324 ug/l

RT: 5.669 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

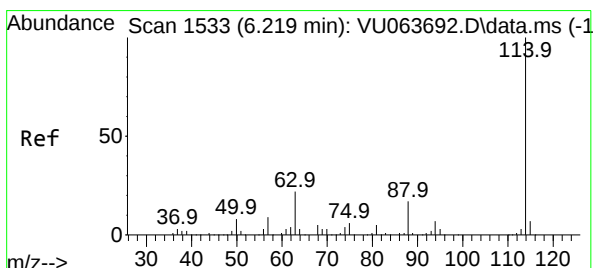
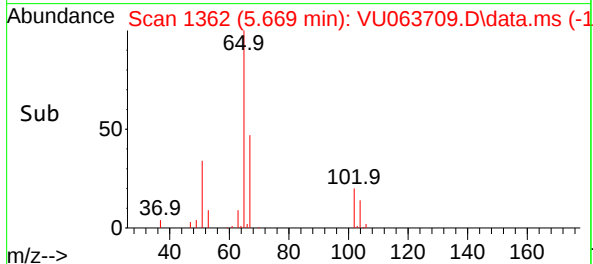
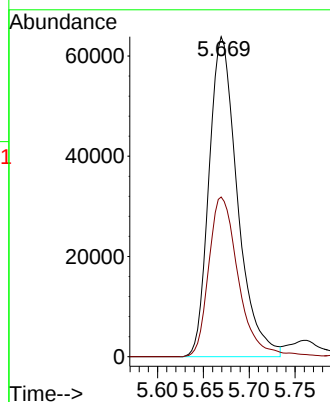
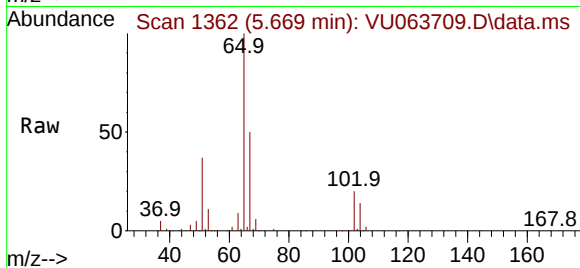
VSTDCCC050

Tgt Ion: 65 Resp: 137380

Ion Ratio Lower Upper

65 100

67 52.3 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: VU063709.D

Acq: 12 Nov 2025 08:58

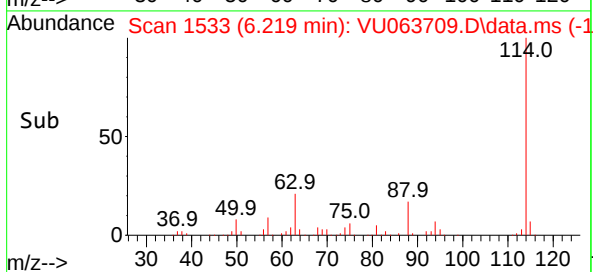
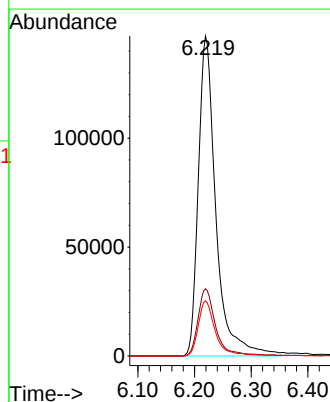
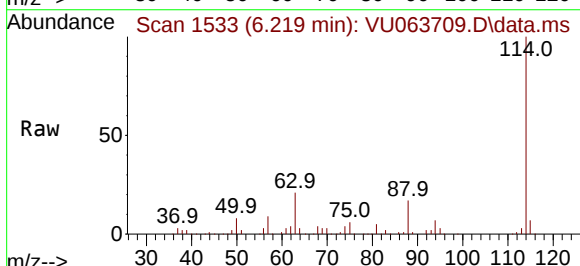
Tgt Ion: 114 Resp: 316275

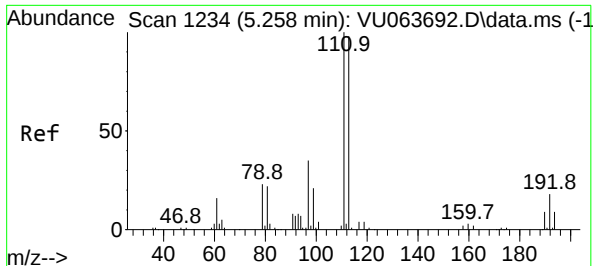
Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.0

88 17.2 0.0 33.6

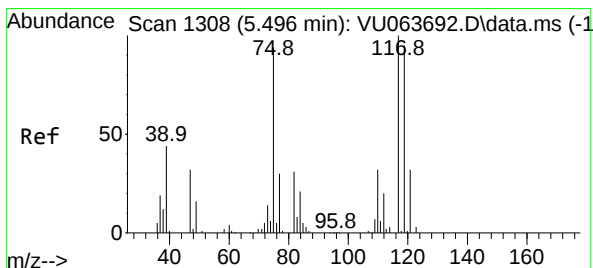
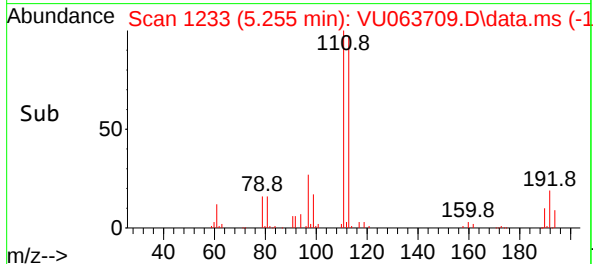
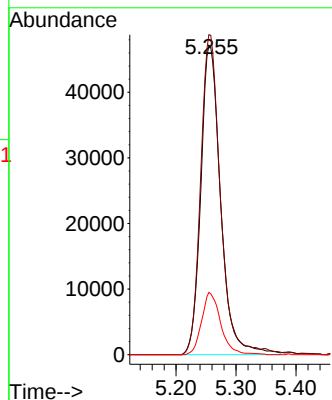
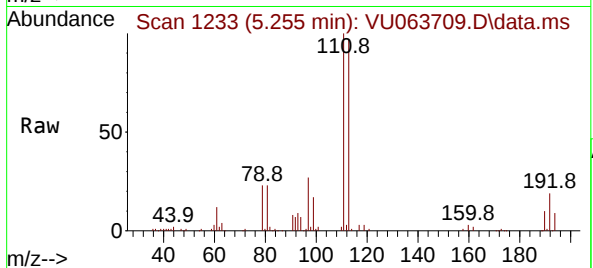




#35
Dibromofluoromethane
Concen: 49.125 ug/l
RT: 5.255 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

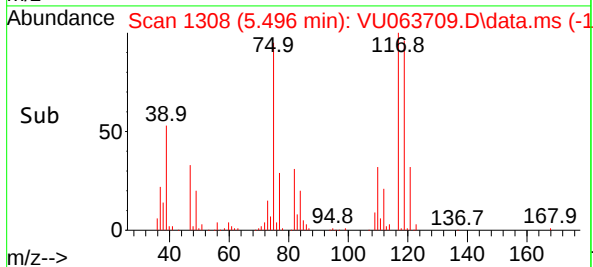
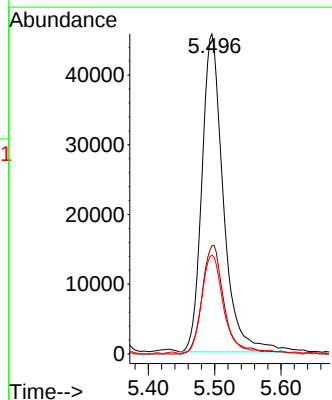
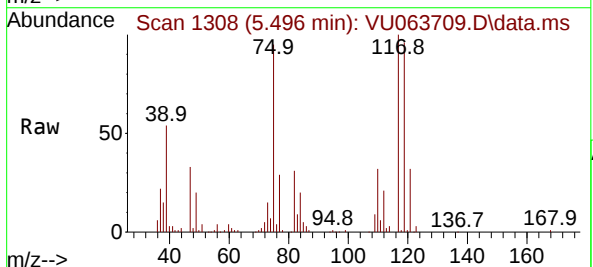
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

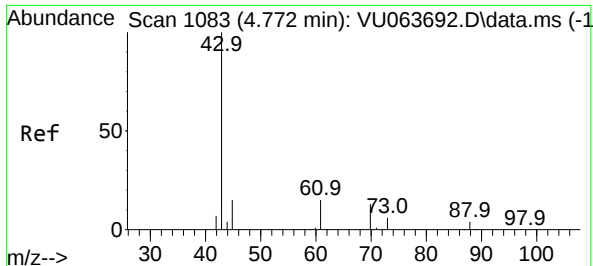
Tgt Ion:113 Resp: 108822
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 45.344 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 75 Resp: 102234
Ion Ratio Lower Upper
75 100
110 35.7 17.3 51.7
77 32.0 24.4 36.6





#37

Ethyl Acetate

Concen: 46.087 ug/l

RT: 4.776 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

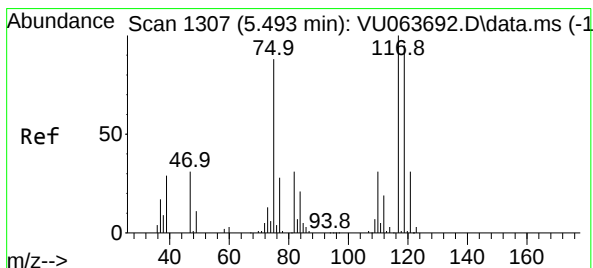
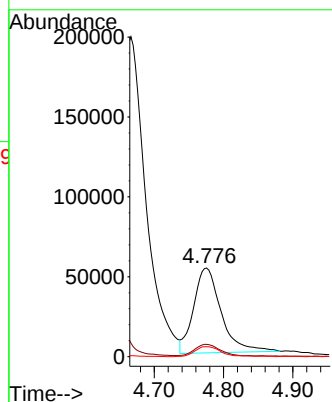
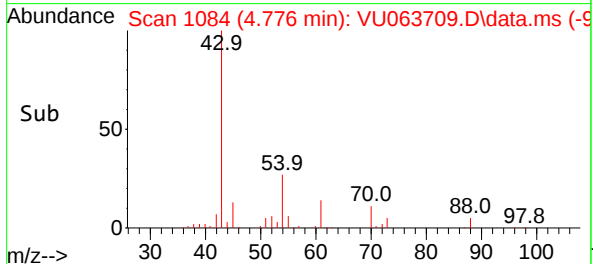
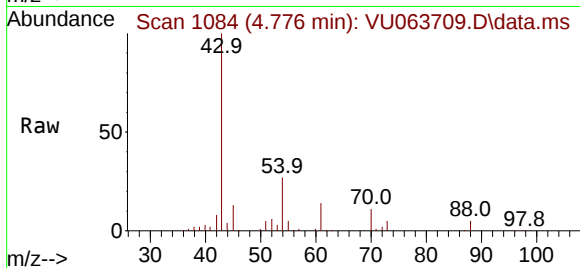
Tgt Ion: 43 Resp: 147133

Ion Ratio Lower Upper

43 100

61 12.3 10.3 15.5

70 11.4 8.9 13.3



#38

Carbon Tetrachloride

Concen: 46.862 ug/l

RT: 5.493 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

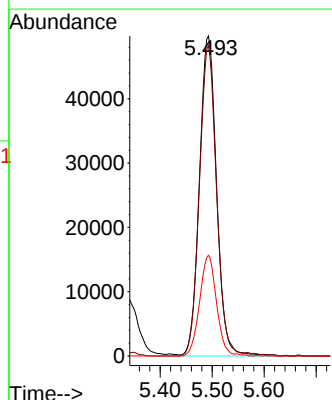
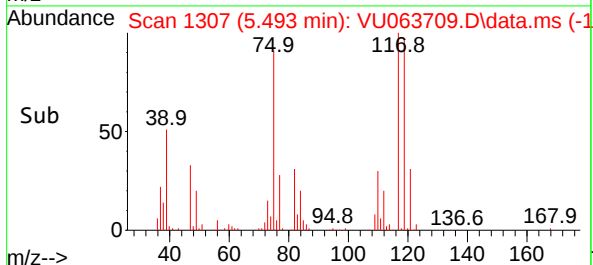
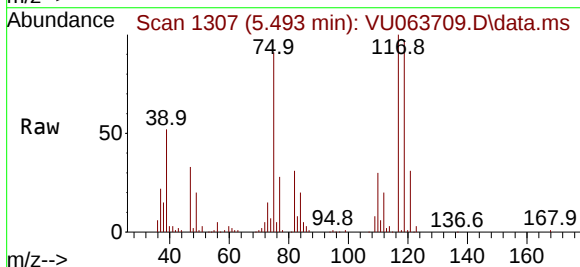
Tgt Ion: 117 Resp: 114195

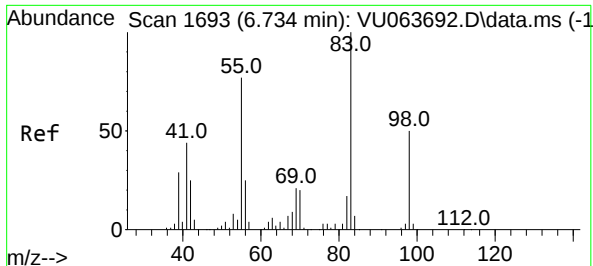
Ion Ratio Lower Upper

117 100

119 97.0 76.1 114.1

121 31.5 24.6 37.0





#39

Methylcyclohexane

Concen: 45.760 ug/l

RT: 6.734 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

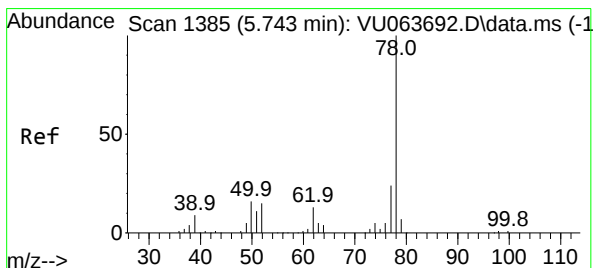
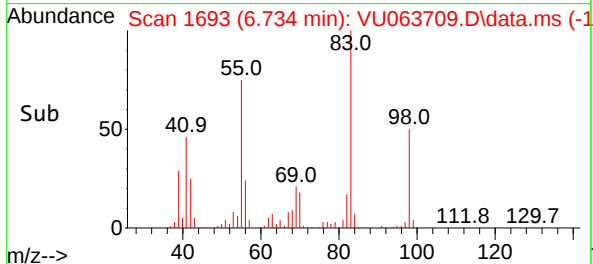
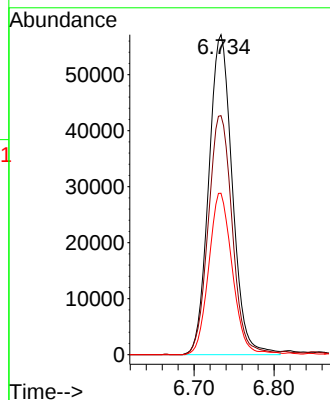
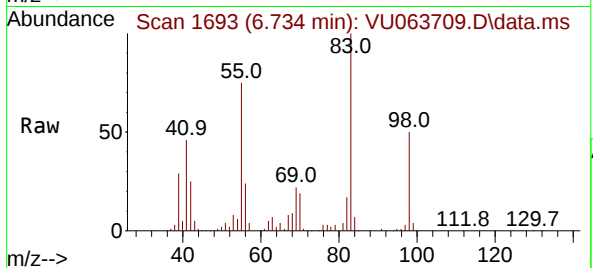
Tgt Ion: 83 Resp: 117135

Ion Ratio Lower Upper

83 100

55 74.7 61.6 92.4

98 50.4 40.0 60.0



#40

Benzene

Concen: 48.475 ug/l

RT: 5.743 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU063709.D

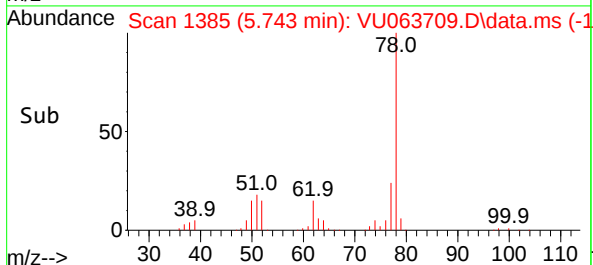
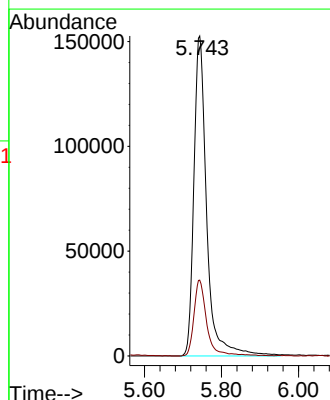
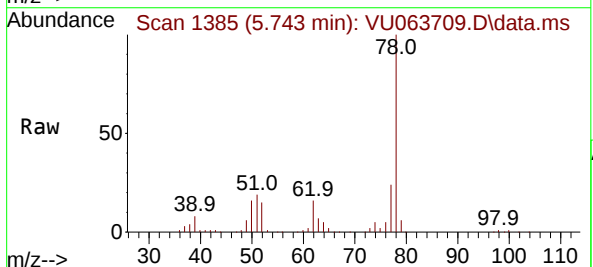
Acq: 12 Nov 2025 08:58

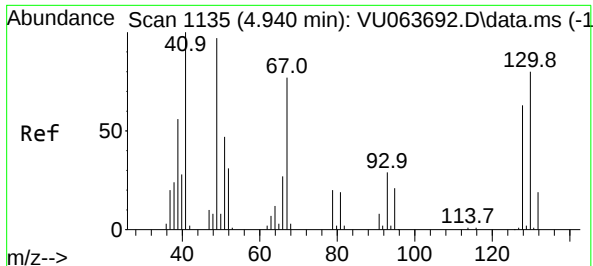
Tgt Ion: 78 Resp: 352691

Ion Ratio Lower Upper

78 100

77 23.7 18.9 28.3



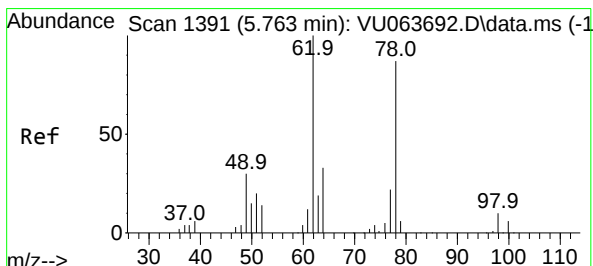
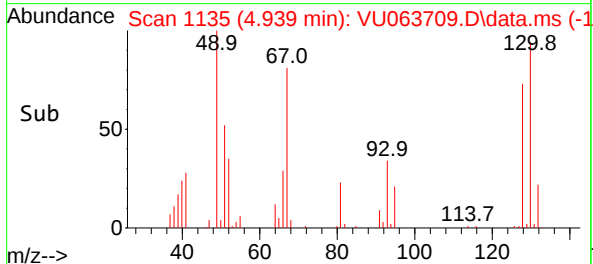
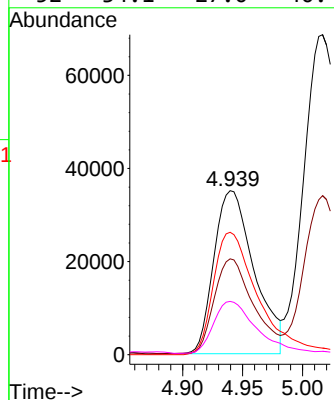
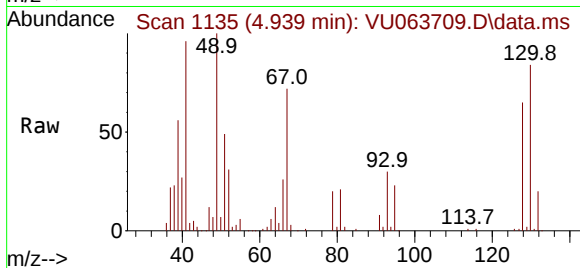


#41
Methacrylonitrile
Concen: 49.231 ug/l
RT: 4.939 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 81684

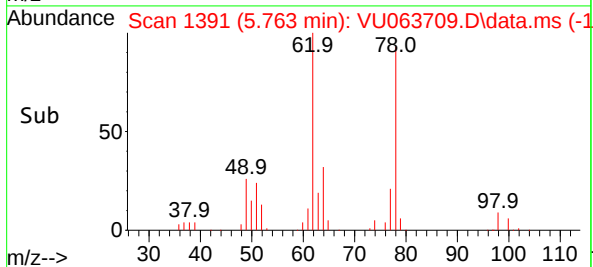
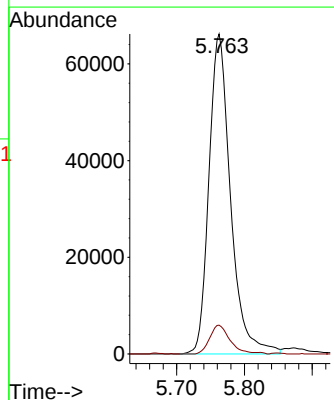
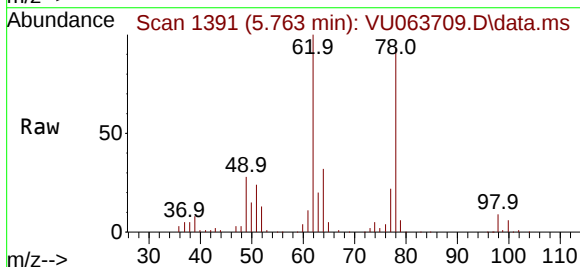
Ion	Ratio	Lower	Upper
41	100		
39	56.9	44.7	67.1
67	84.5	67.4	101.2
52	34.1	27.0	40.4

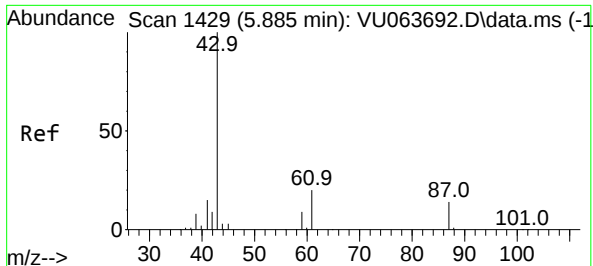


#42
1,2-Dichloroethane
Concen: 51.050 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 62 Resp: 146489

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2

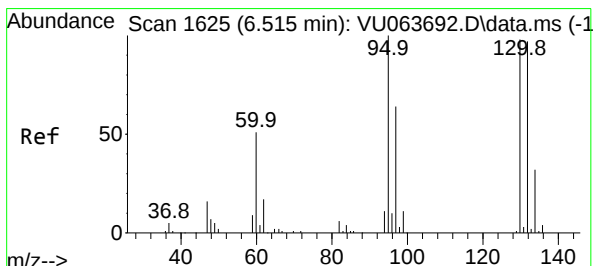
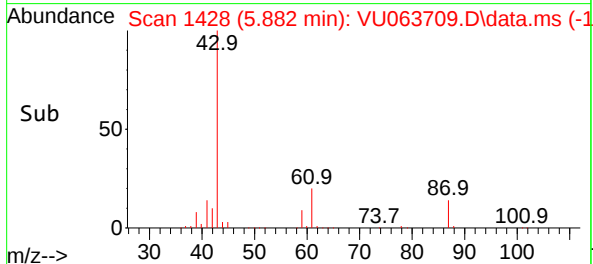
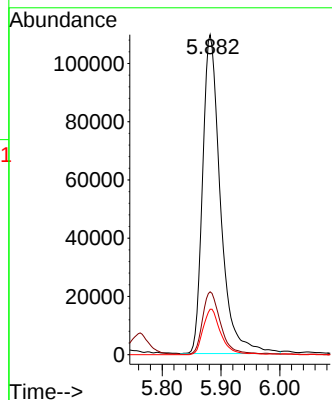
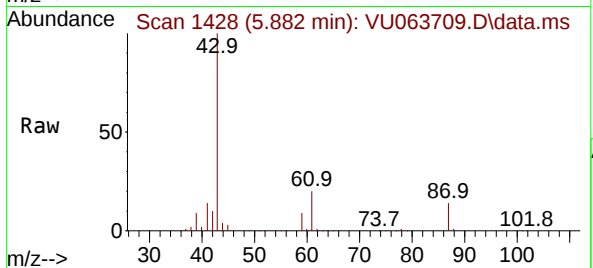




#43
Isopropyl Acetate
Concen: 49.438 ug/l
RT: 5.882 min Scan# 1429
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

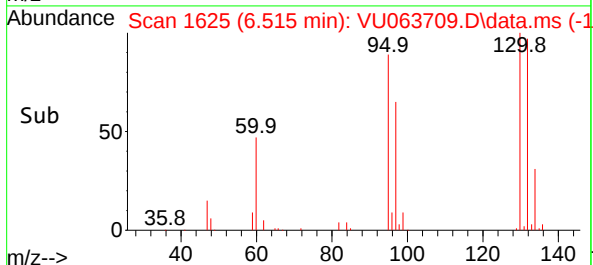
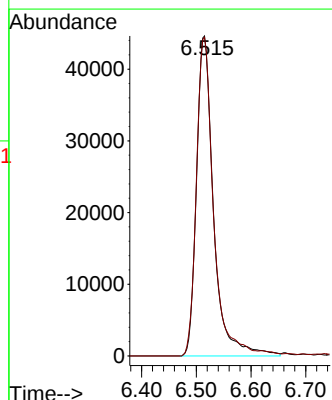
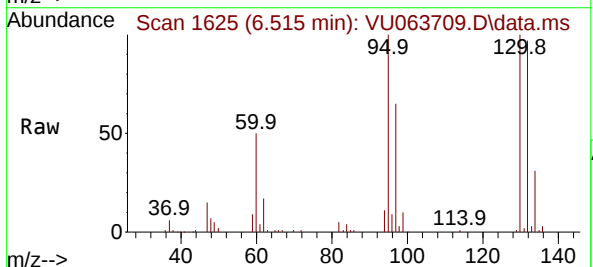
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

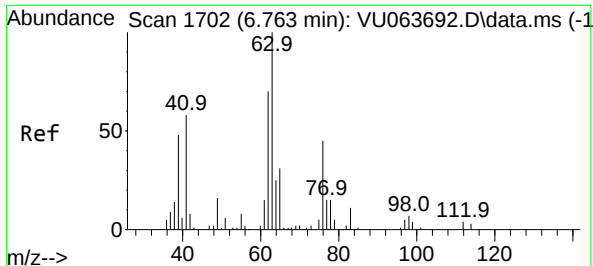
Tgt Ion: 43 Resp: 231338
Ion Ratio Lower Upper
43 100
61 19.6 15.9 23.9
87 14.0 11.0 16.6



#44
Trichloroethene
Concen: 47.357 ug/l
RT: 6.515 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion:130 Resp: 96667
Ion Ratio Lower Upper
130 100
95 99.6 0.0 203.6





#45

1,2-Dichloropropane

Concen: 49.223 ug/l

RT: 6.759 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

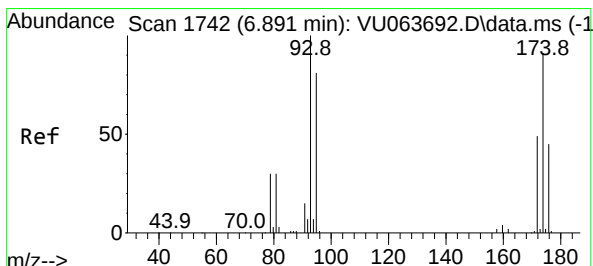
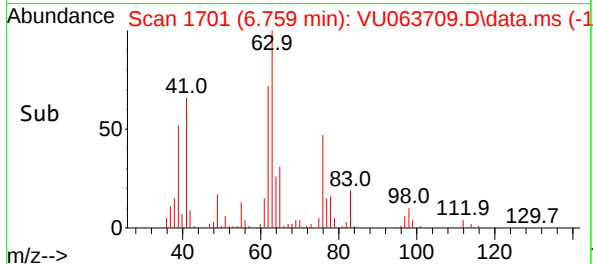
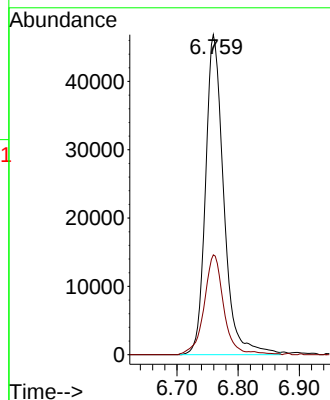
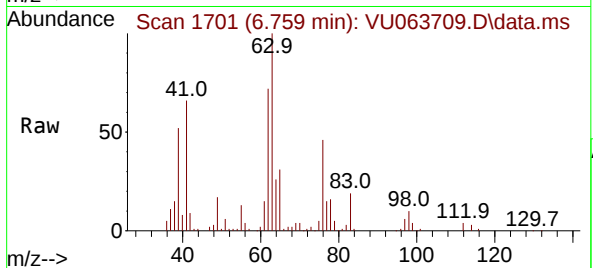
VSTDCCC050

Tgt Ion: 63 Resp: 97355

Ion Ratio Lower Upper

63 100

65 31.0 24.9 37.3



#46

Dibromomethane

Concen: 52.382 ug/l

RT: 6.888 min Scan# 1741

Delta R.T. -0.003 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

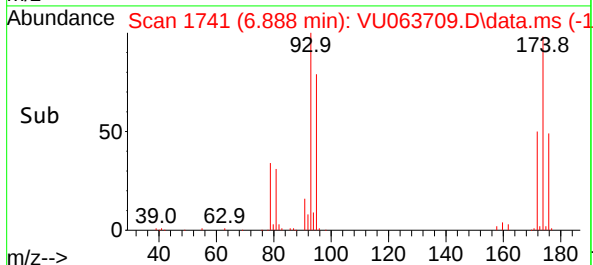
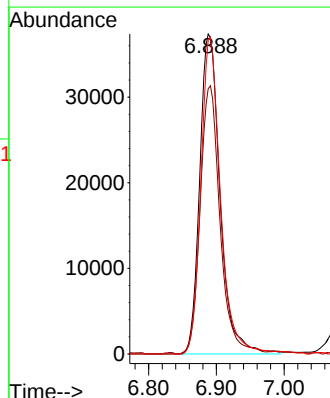
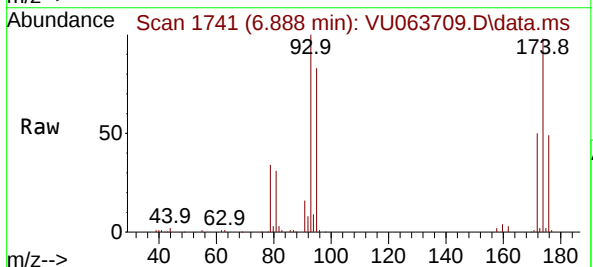
Tgt Ion: 93 Resp: 77793

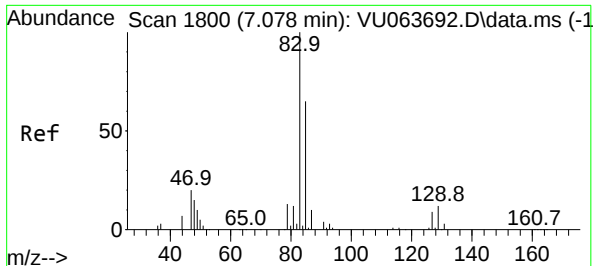
Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

174 95.7 74.9 112.3

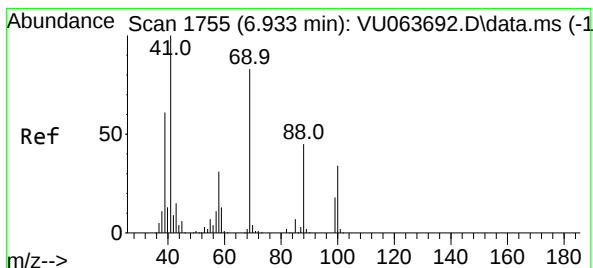
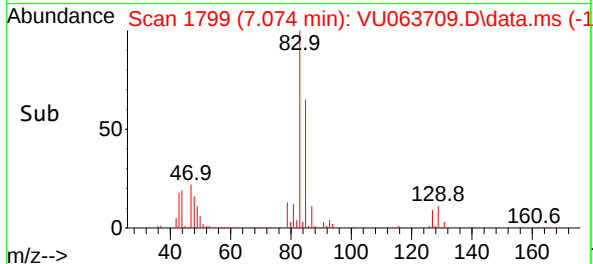
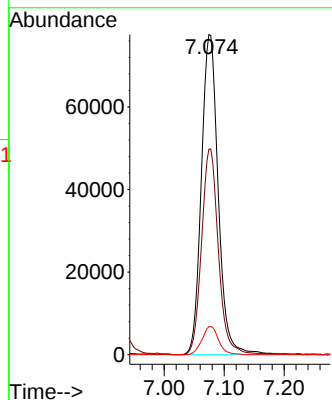
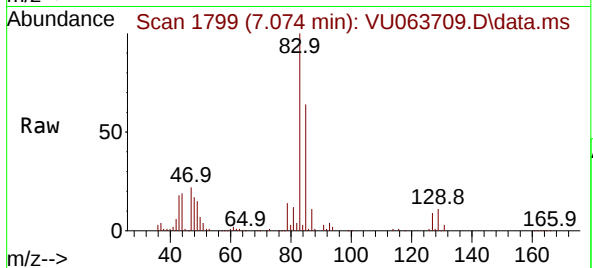




#47
Bromodichloromethane
Concen: 50.447 ug/l
RT: 7.074 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

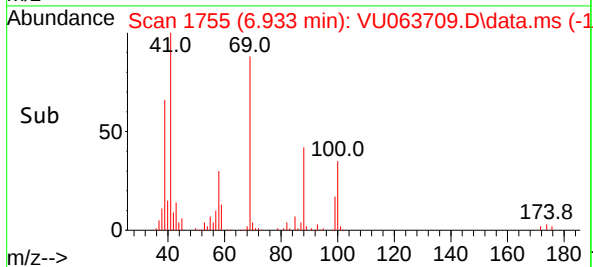
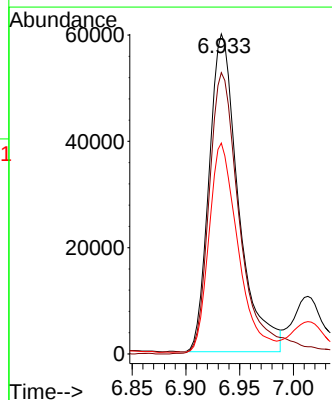
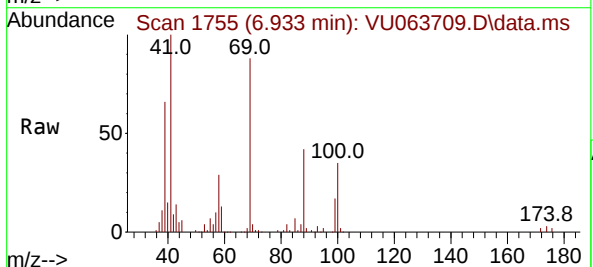
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

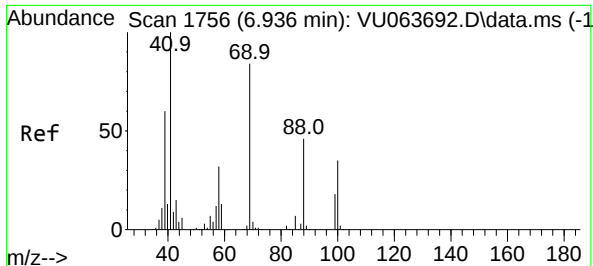
Tgt Ion: 83 Resp: 151889
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9
127 8.7 6.9 10.3



#48
Methyl methacrylate
Concen: 49.591 ug/l
RT: 6.933 min Scan# 1755
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 41 Resp: 113906
Ion Ratio Lower Upper
41 100
69 95.5 72.9 109.3
39 64.5 51.0 76.4

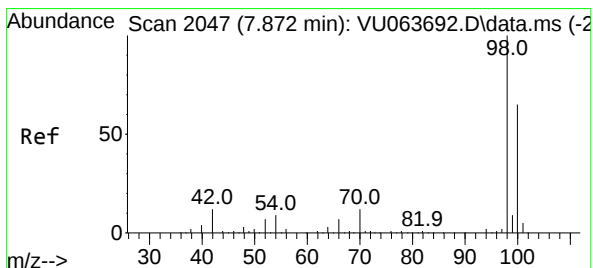
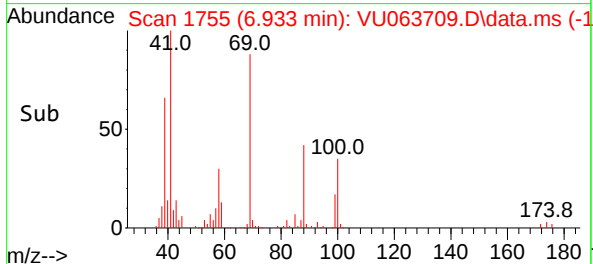
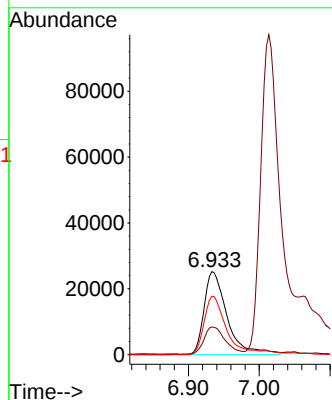
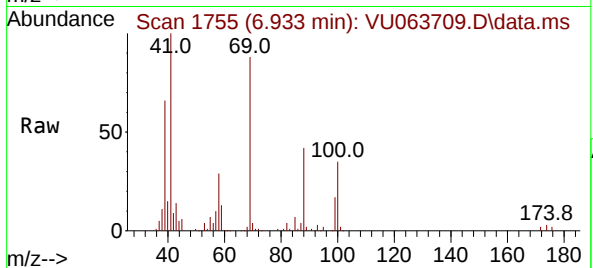




#49
1,4-Dioxane
Concen: 939.914 ug/l
RT: 6.933 min Scan# 1755
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

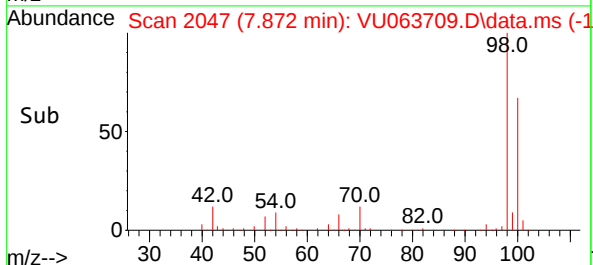
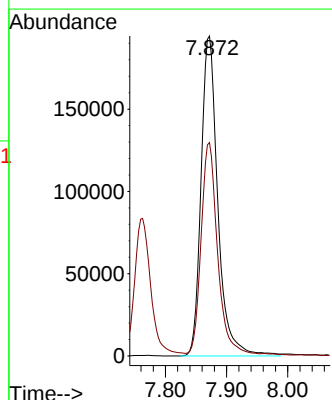
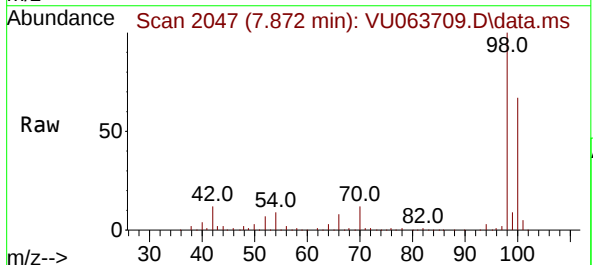
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

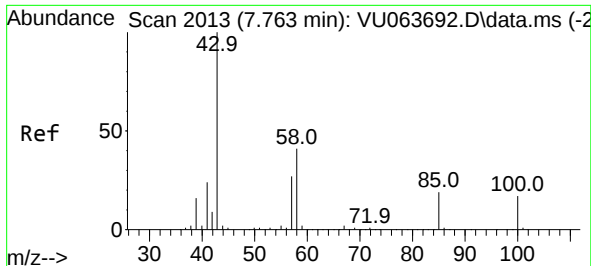
Tgt Ion: 88 Resp: 57196
Ion Ratio Lower Upper
88 100
43 30.1 24.1 36.1
58 66.6 54.2 81.4



#50
Toluene-d8
Concen: 46.573 ug/l
RT: 7.872 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 98 Resp: 370632
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7

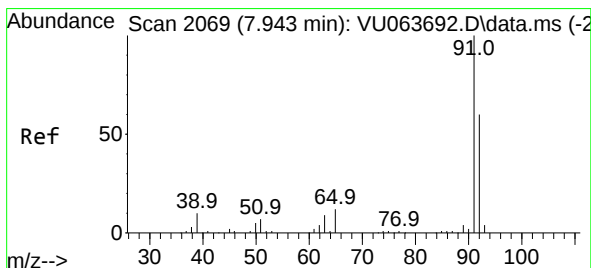
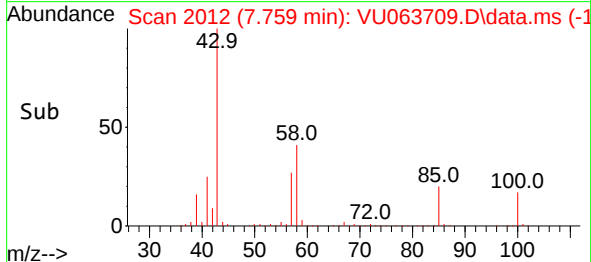
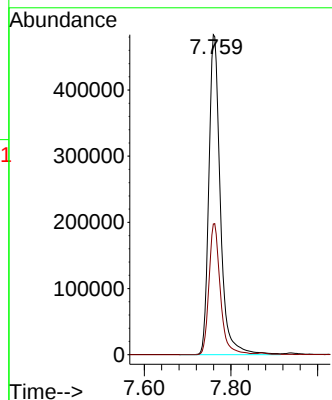
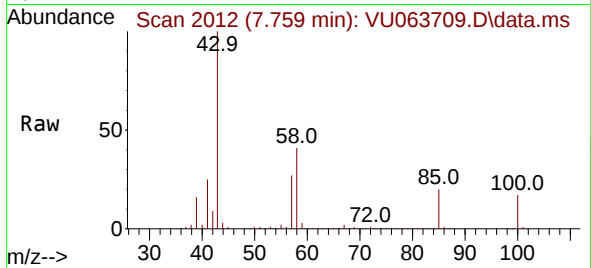




#51
4-Methyl-2-Pentanone
Concen: 248.556 ug/l
RT: 7.759 min Scan# 2012
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

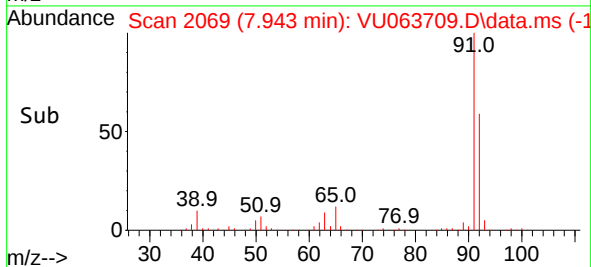
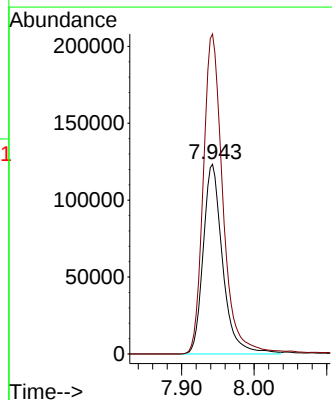
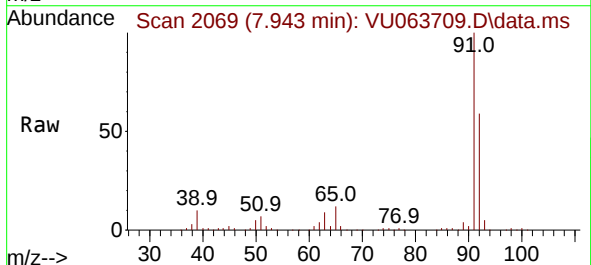
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

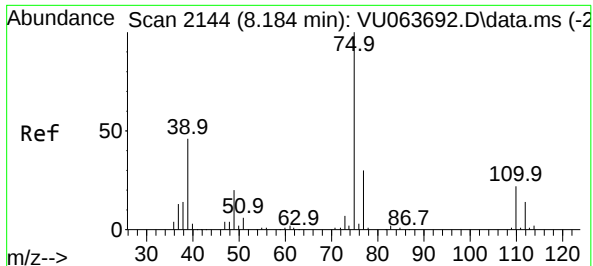
Tgt Ion: 43 Resp: 890026
Ion Ratio Lower Upper
43 100
58 40.6 32.3 48.5



#52
Toluene
Concen: 48.760 ug/l
RT: 7.943 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 92 Resp: 230231
Ion Ratio Lower Upper
92 100
91 169.9 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 47.153 ug/l

RT: 8.184 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

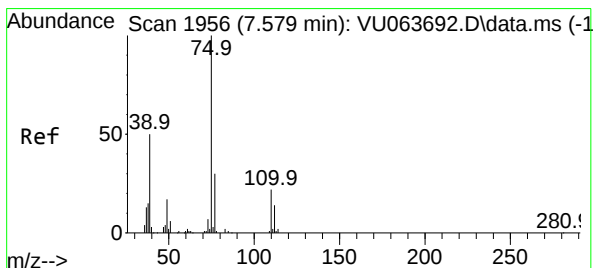
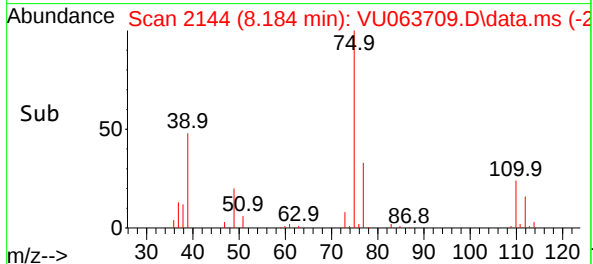
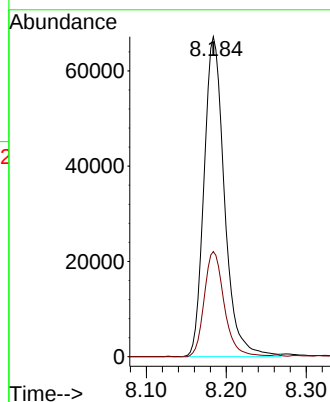
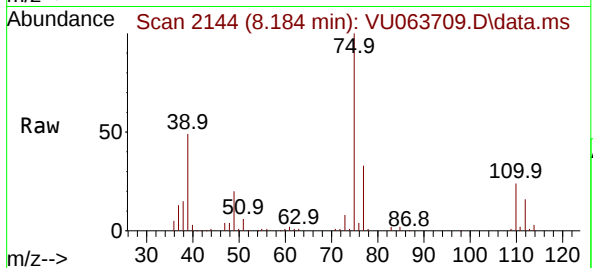
VSTDCCC050

Tgt Ion: 75 Resp: 119553

Ion Ratio Lower Upper

75 100

77 32.9 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 48.552 ug/l

RT: 7.579 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

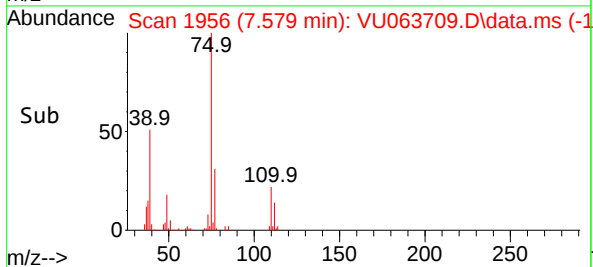
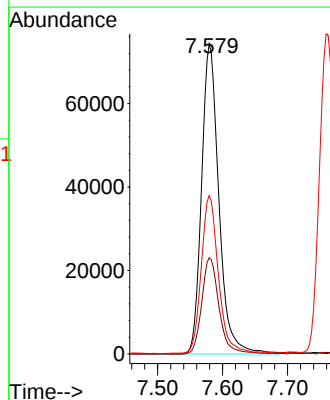
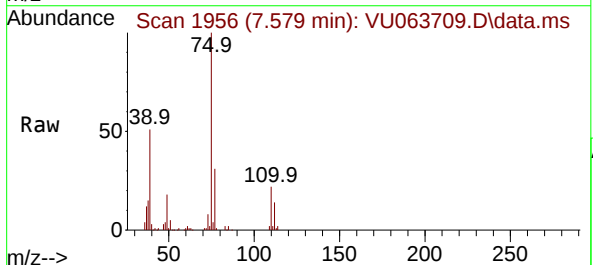
Tgt Ion: 75 Resp: 137972

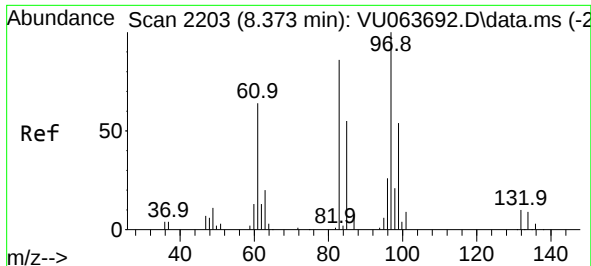
Ion Ratio Lower Upper

75 100

77 31.0 24.3 36.5

39 50.8 40.2 60.2

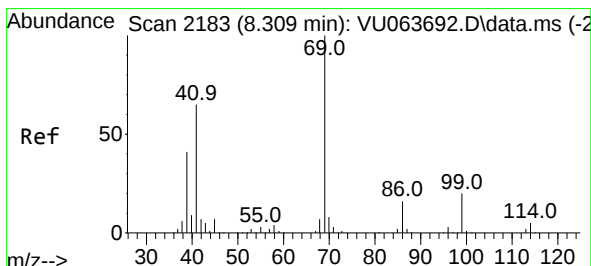
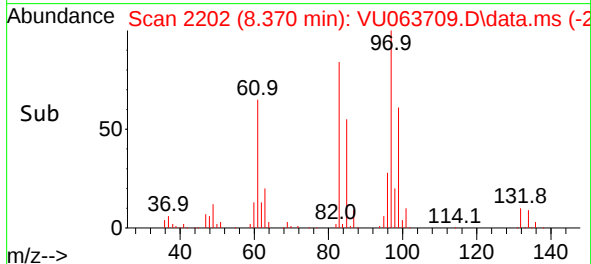
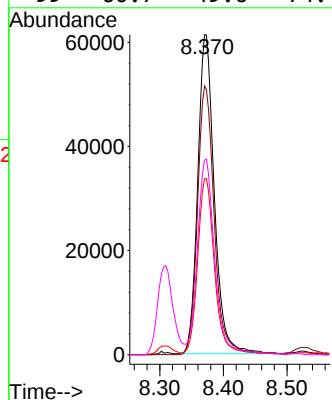
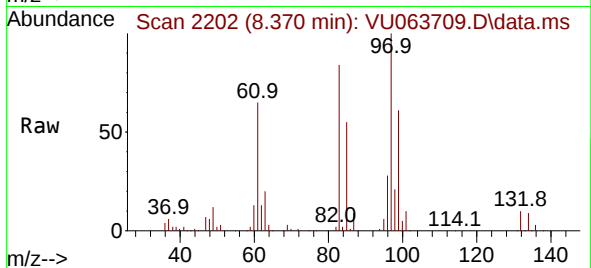




#55
1,1,2-Trichloroethane
Concen: 51.238 ug/l
RT: 8.370 min Scan# 2110
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

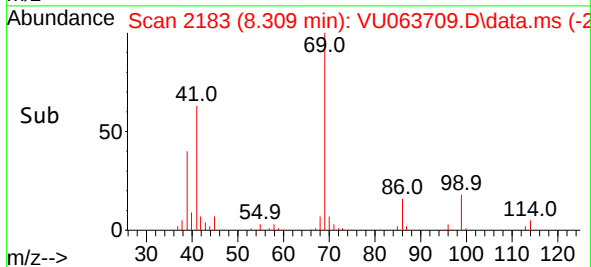
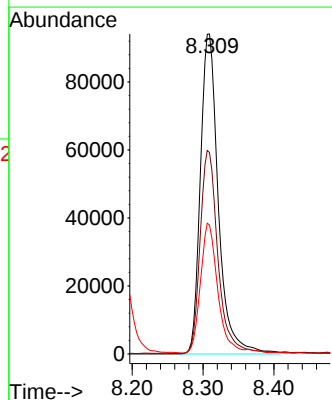
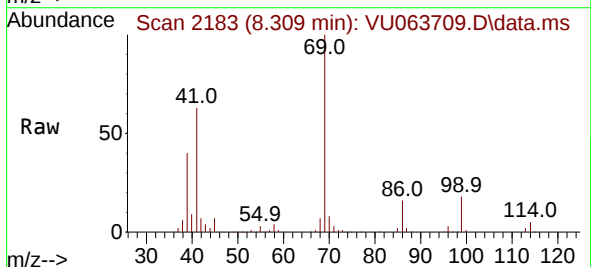
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

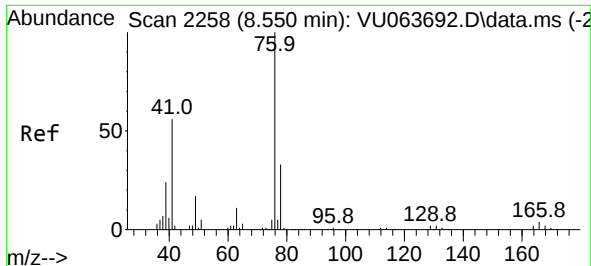
Tgt Ion:	97	Resp:	111022
Ion	Ratio	Lower	Upper
97	100		
83	84.2	69.0	103.4
85	54.8	44.2	66.4
99	60.7	49.6	74.4



#56
Ethyl methacrylate
Concen: 51.787 ug/l
RT: 8.309 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion:	69	Resp:	165571
Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.4	77.2
39	38.6	32.2	48.4





#57

1,3-Dichloropropane

Concen: 49.946 ug/l

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

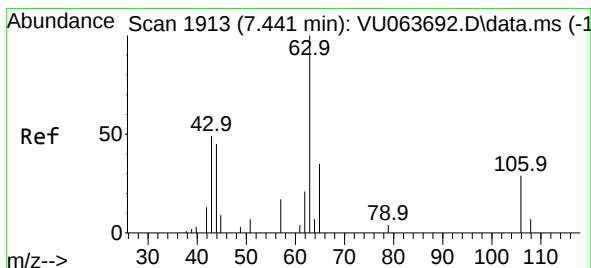
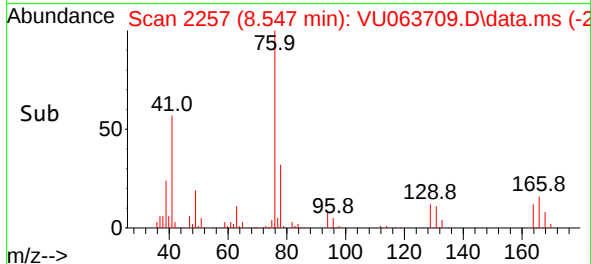
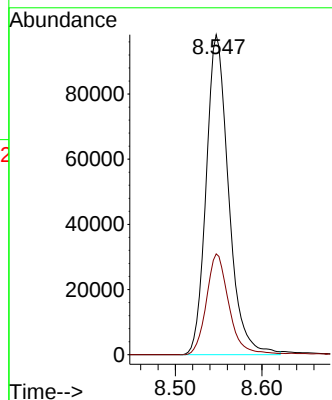
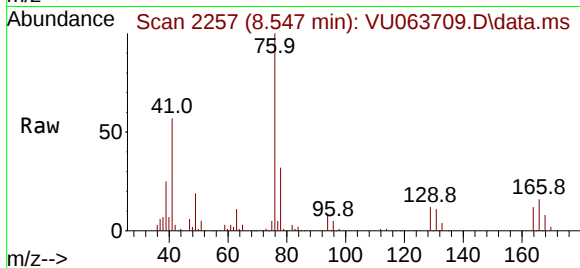
VSTDCCC050

Tgt Ion: 76 Resp: 176560

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 246.952 ug/l

RT: 7.444 min Scan# 1914

Delta R.T. 0.003 min

Lab File: VU063709.D

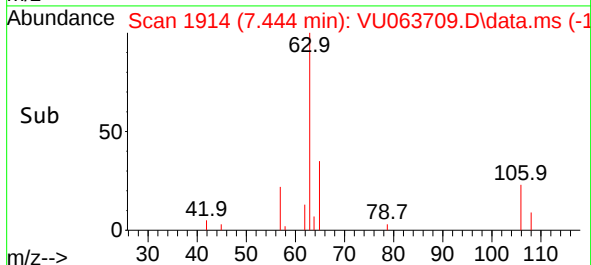
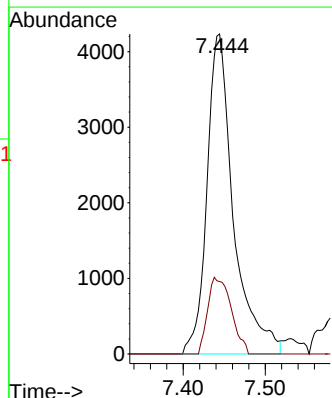
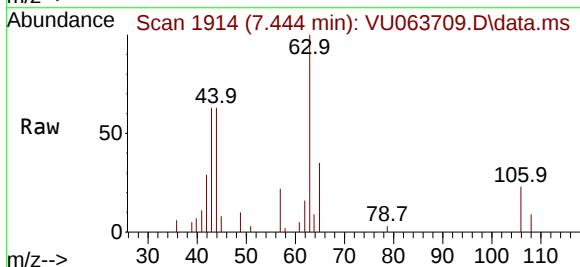
Acq: 12 Nov 2025 08:58

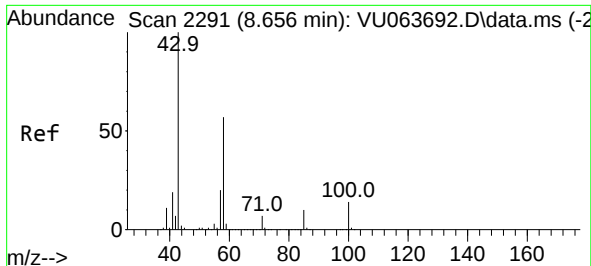
Tgt Ion: 63 Resp: 9494

Ion Ratio Lower Upper

63 100

106 21.2 15.8 23.8

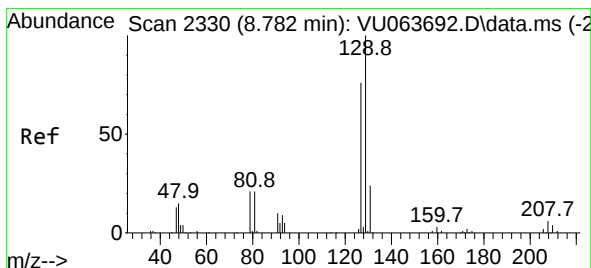
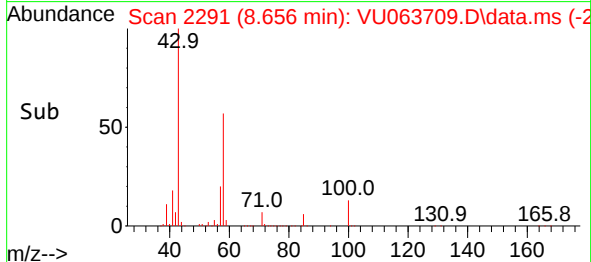
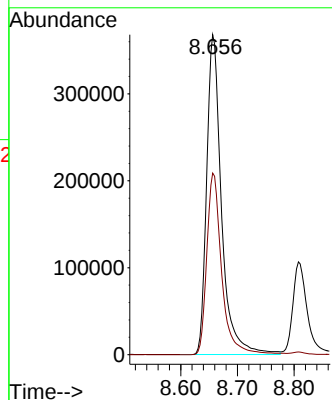
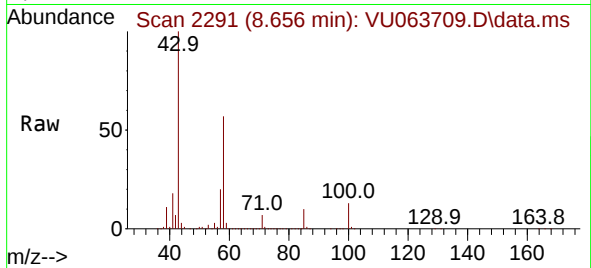




#59
2-Hexanone
Concen: 251.204 ug/l
RT: 8.656 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

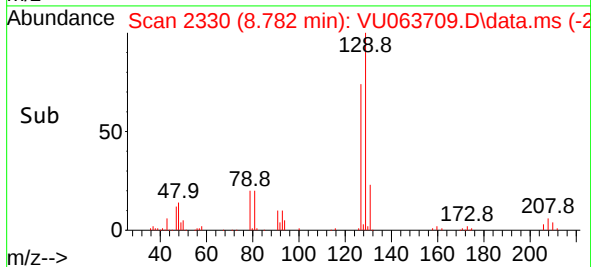
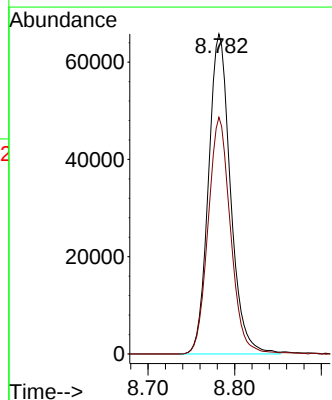
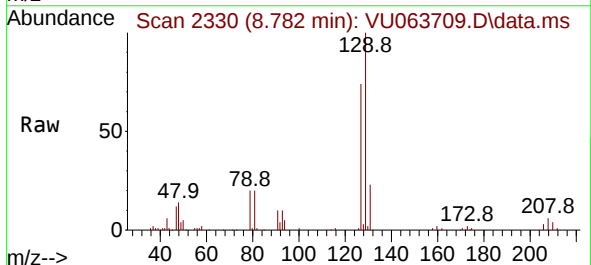
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

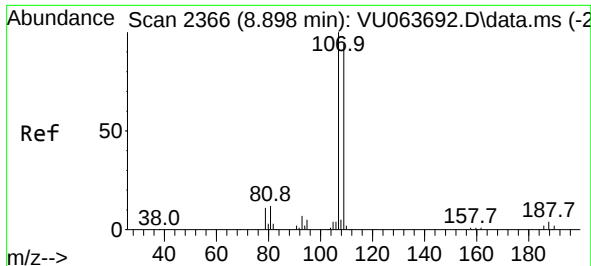
Tgt Ion: 43 Resp: 669965
Ion Ratio Lower Upper
43 100
58 57.0 28.4 85.3



#60
Dibromochloromethane
Concen: 51.198 ug/l
RT: 8.782 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 129 Resp: 116194
Ion Ratio Lower Upper
129 100
127 75.4 38.2 114.6

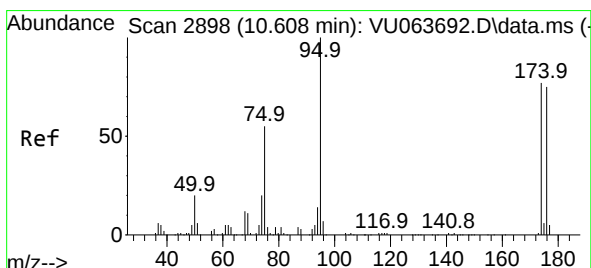
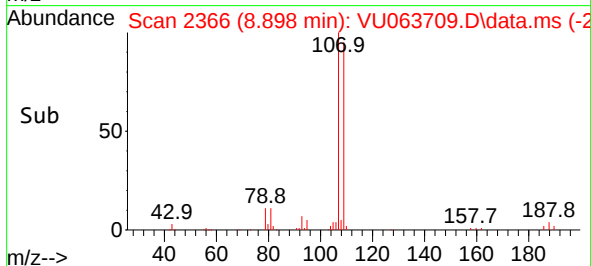
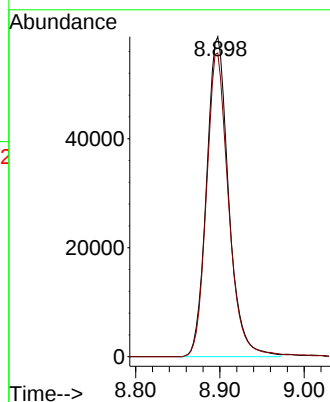
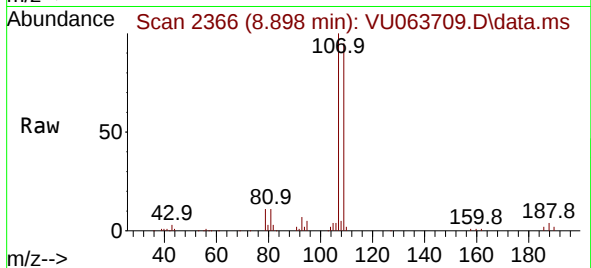




#61
1,2-Dibromoethane
Concen: 51.354 ug/l
RT: 8.898 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

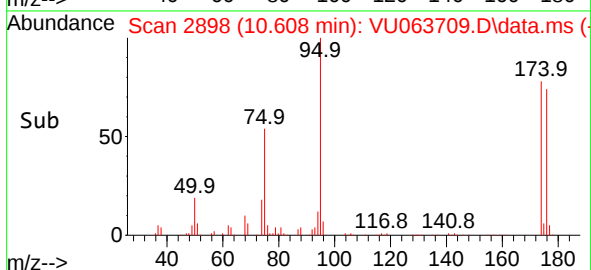
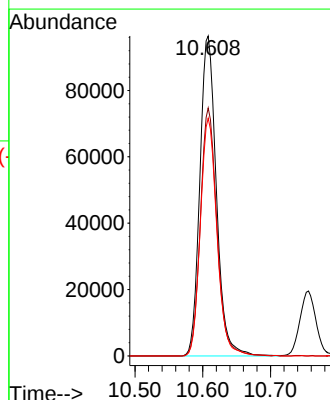
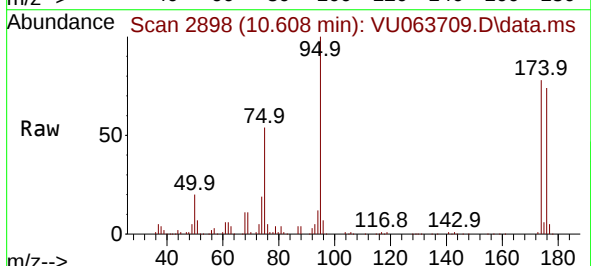
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

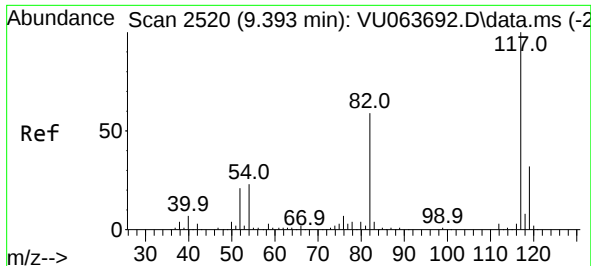
Tgt Ion:107 Resp: 107223
Ion Ratio Lower Upper
107 100
109 94.9 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 49.566 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 95 Resp: 163172
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 74.6 0.0 148.4

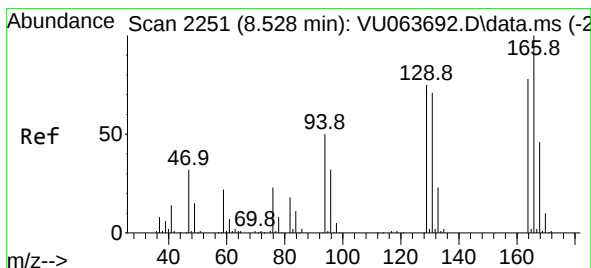
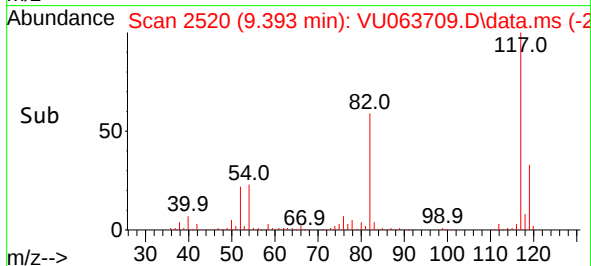
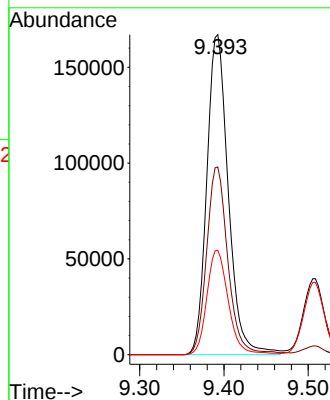
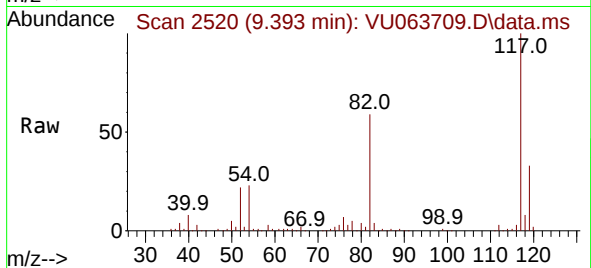




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

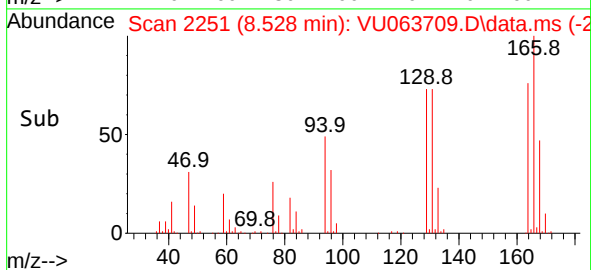
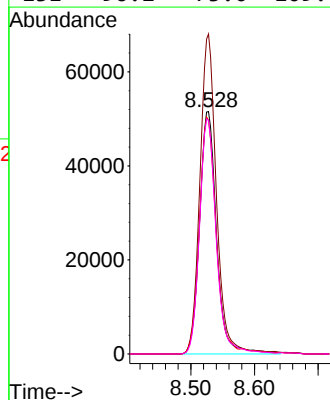
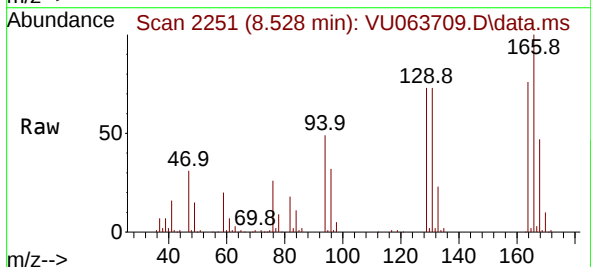
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

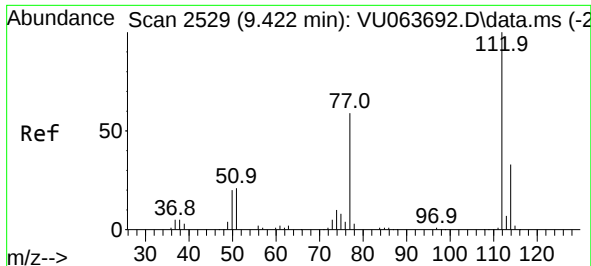
Tgt Ion:117 Resp: 296738
Ion Ratio Lower Upper
117 100
82 58.6 46.9 70.3
119 32.7 25.8 38.8



#64
Tetrachloroethene
Concen: 49.958 ug/l
RT: 8.528 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion:164 Resp: 95641
Ion Ratio Lower Upper
164 100
166 132.0 102.5 153.7
129 96.3 77.1 115.7
131 96.2 73.0 109.6

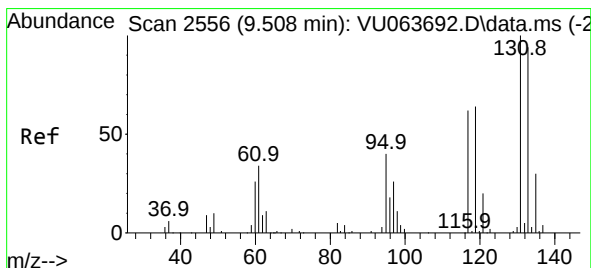
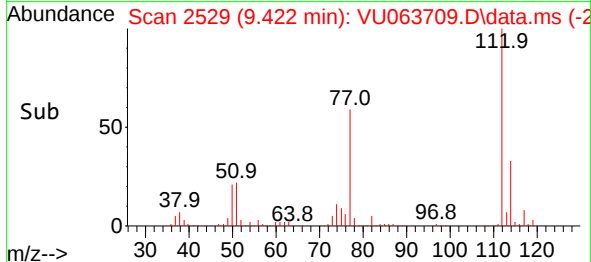
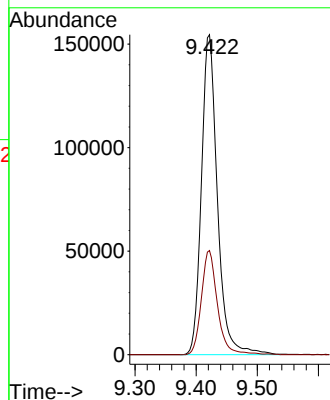
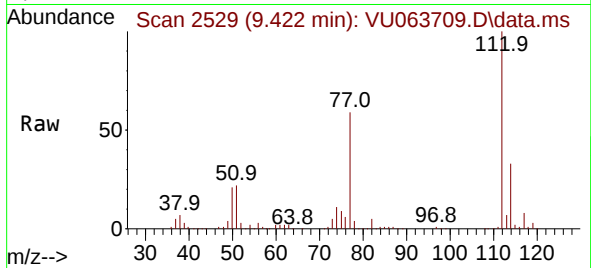




#65
Chlorobenzene
Concen: 48.404 ug/l
RT: 9.422 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

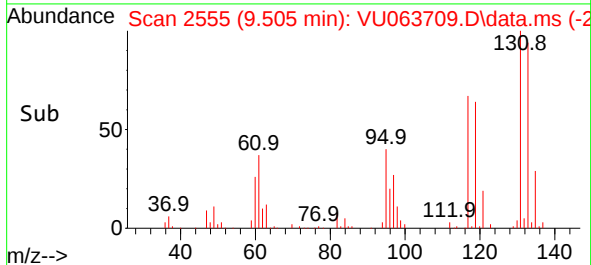
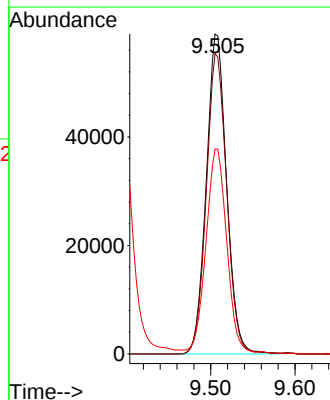
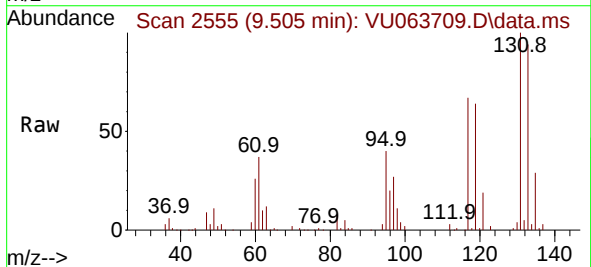
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

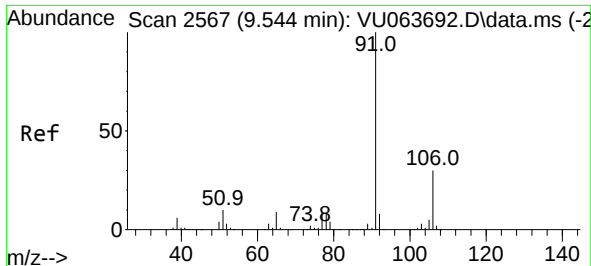
Tgt Ion:112 Resp: 280657
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.351 ug/l
RT: 9.505 min Scan# 2555
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion:131 Resp: 99298
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.5
119 64.4 33.3 99.8





#67

Ethyl Benzene

Concen: 48.770 ug/l

RT: 9.544 min Scan# 2567

Delta R.T. -0.000 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

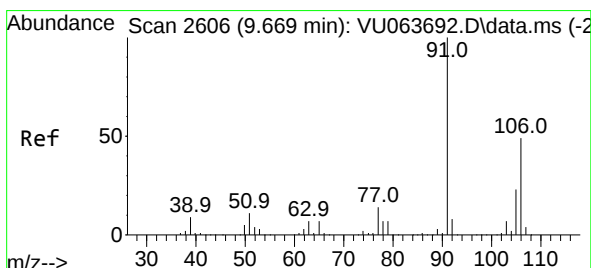
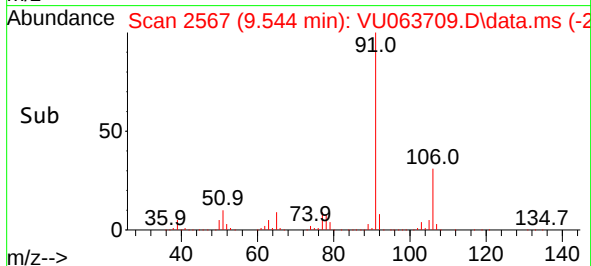
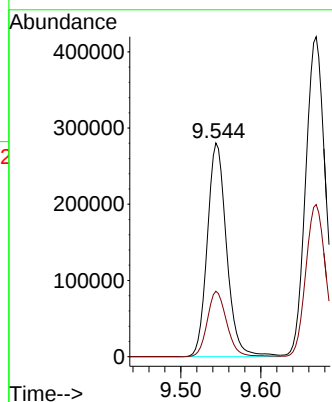
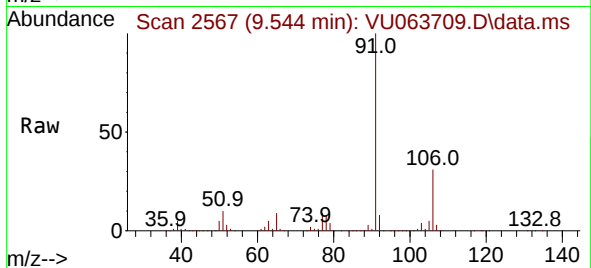
VSTDCCC050

Tgt Ion: 91 Resp: 471009

Ion Ratio Lower Upper

91 100

106 30.6 23.8 35.8



#68

m/p-Xylenes

Concen: 100.137 ug/l

RT: 9.669 min Scan# 2606

Delta R.T. -0.000 min

Lab File: VU063709.D

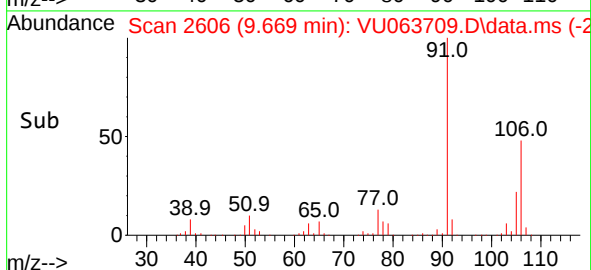
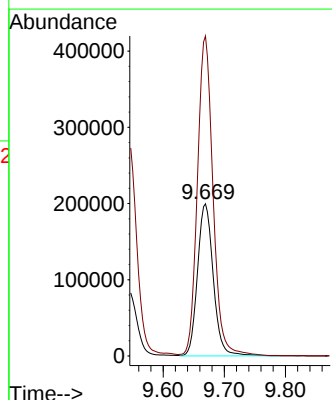
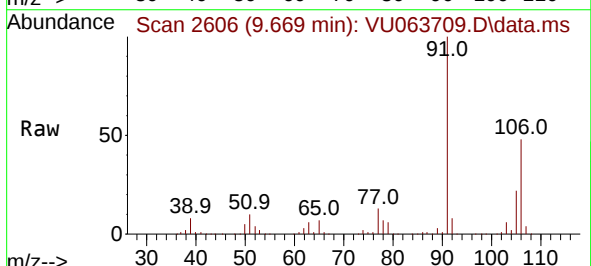
Acq: 12 Nov 2025 08:58

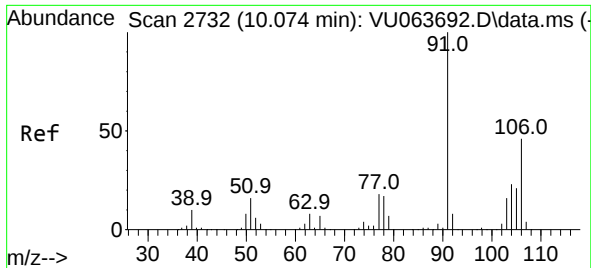
Tgt Ion:106 Resp: 356964

Ion Ratio Lower Upper

106 100

91 208.0 165.7 248.5

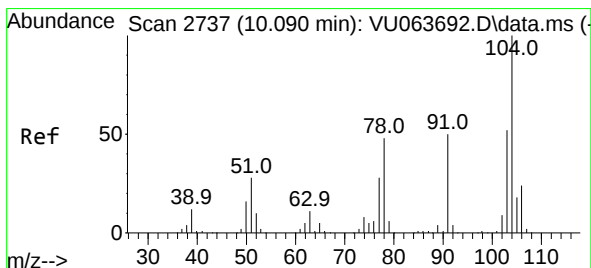
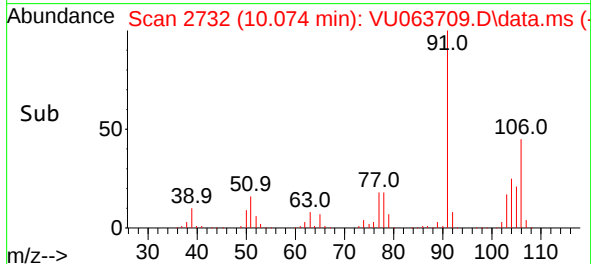
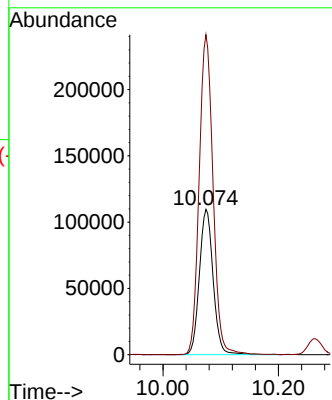
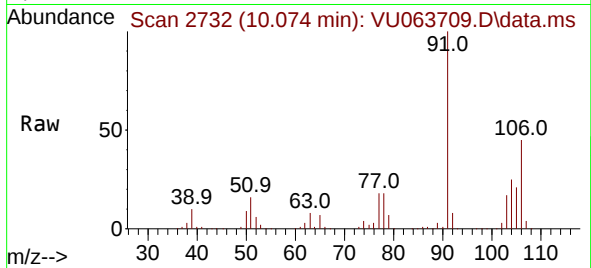




#69
o-Xylene
Concen: 49.202 ug/l
RT: 10.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

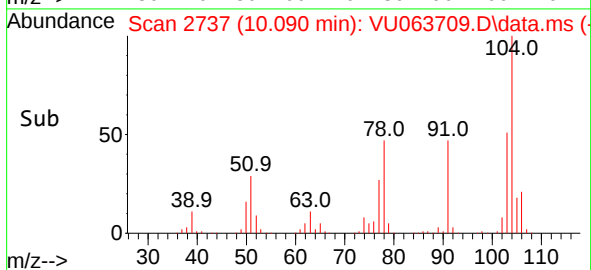
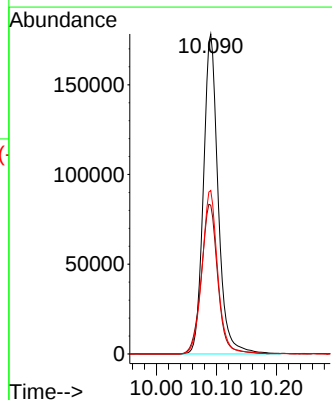
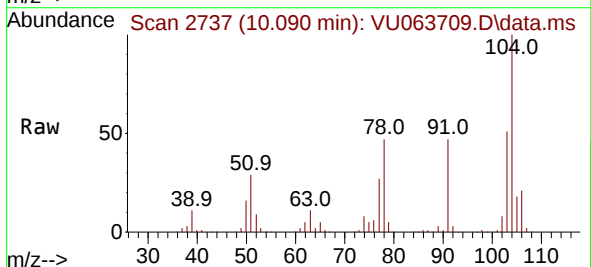
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

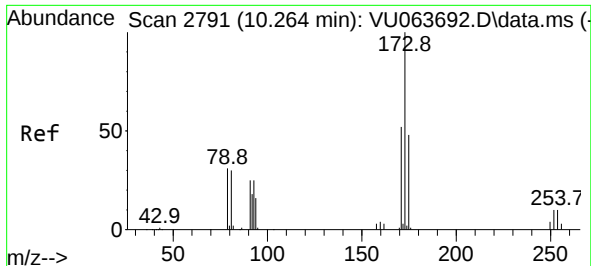
Tgt Ion:106 Resp: 180987
Ion Ratio Lower Upper
106 100
91 221.6 108.7 325.9



#70
Styrene
Concen: 51.740 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion:104 Resp: 305709
Ion Ratio Lower Upper
104 100
78 52.2 42.7 64.1
103 54.6 44.0 66.0

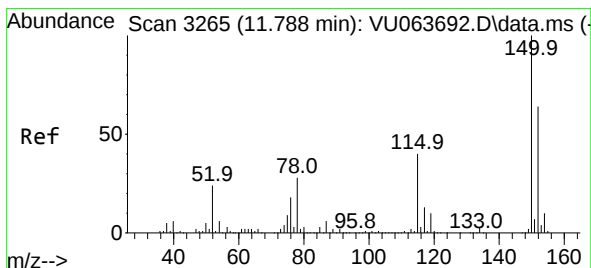
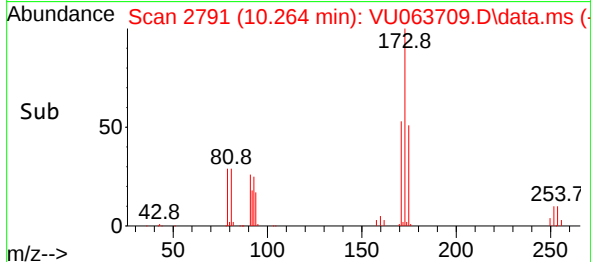
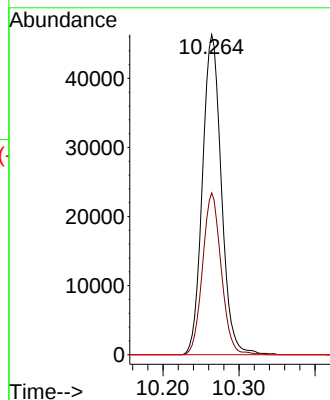
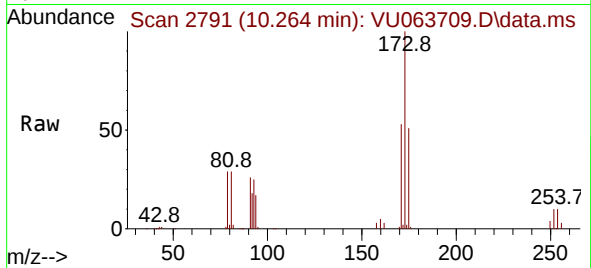




#71
Bromoform
Concen: 50.460 ug/l
RT: 10.264 min Scan# 2791
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

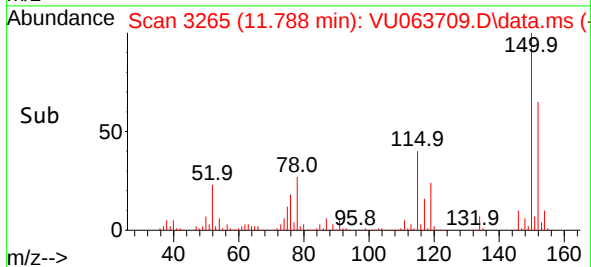
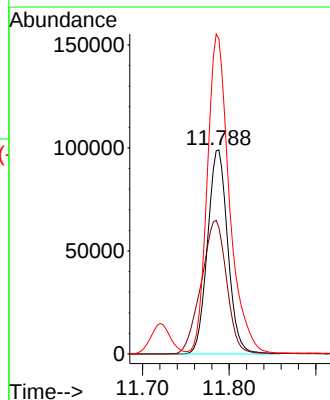
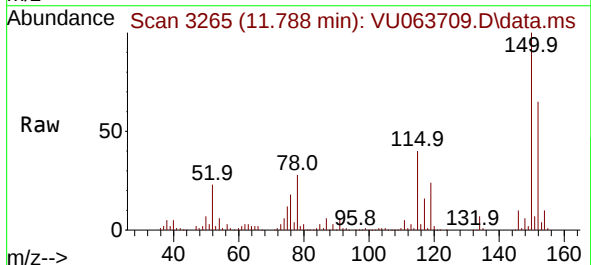
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

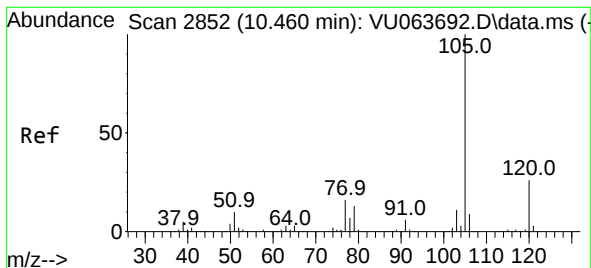
Tgt Ion:173 Resp: 80134
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.788 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion:152 Resp: 161006
Ion Ratio Lower Upper
152 100
115 82.1 41.0 123.0
150 170.0 0.0 342.2





#73

Isopropylbenzene

Concen: 48.787 ug/l

RT: 10.457 min Scan# 2851

Delta R.T. -0.003 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

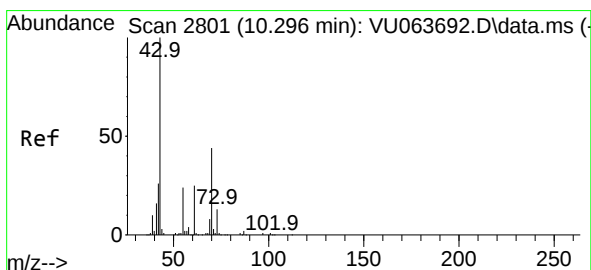
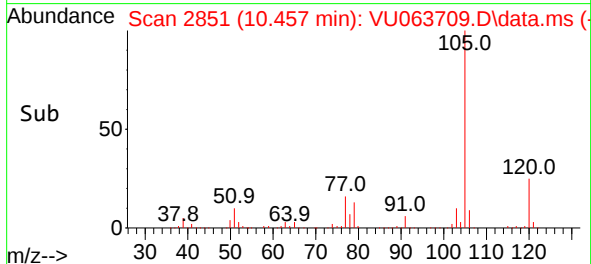
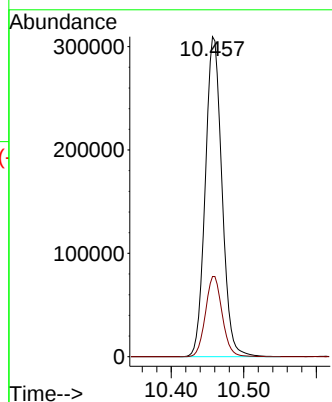
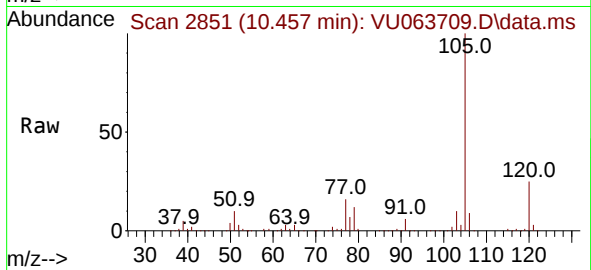
VSTDCCC050

Tgt Ion:105 Resp: 493499

Ion Ratio Lower Upper

105 100

120 25.2 13.0 38.9



#74

N-ethyl acetate

Concen: 47.592 ug/l

RT: 10.299 min Scan# 2802

Delta R.T. 0.003 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

Tgt Ion: 43 Resp: 167730

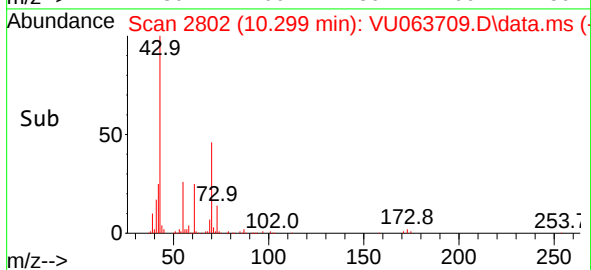
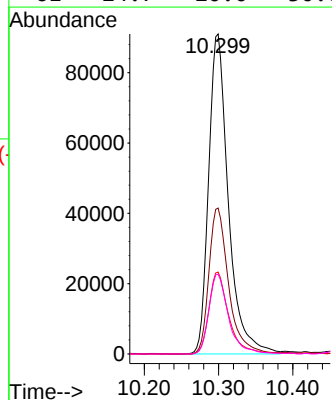
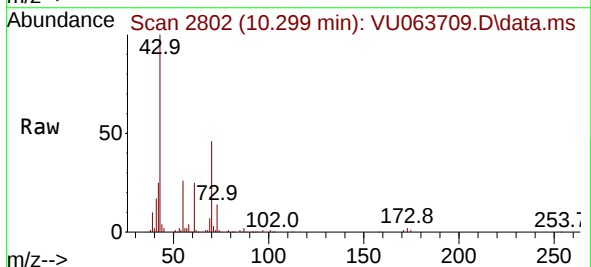
Ion Ratio Lower Upper

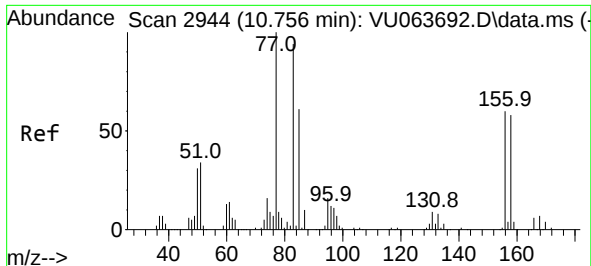
43 100

70 45.7 36.5 54.7

55 25.8 20.6 30.8

61 24.7 20.0 30.0

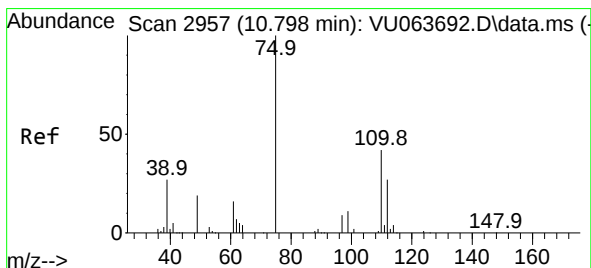
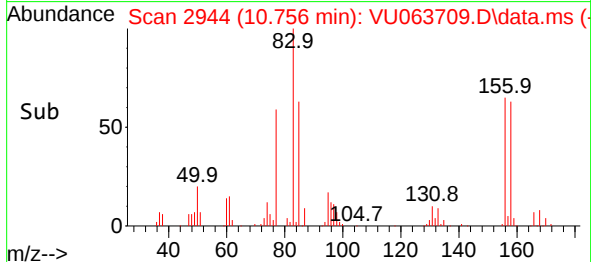
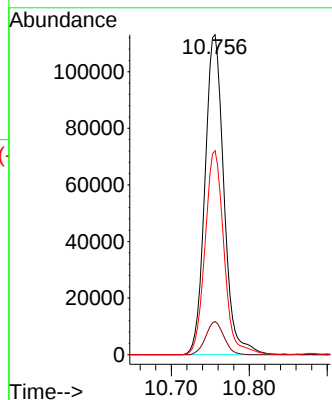
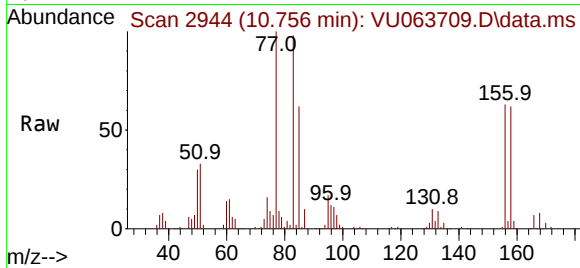




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.184 ug/l
 RT: 10.756 min Scan# 2944
 Delta R.T. -0.000 min
 Lab File: VU063709.D
 Acq: 12 Nov 2025 08:58

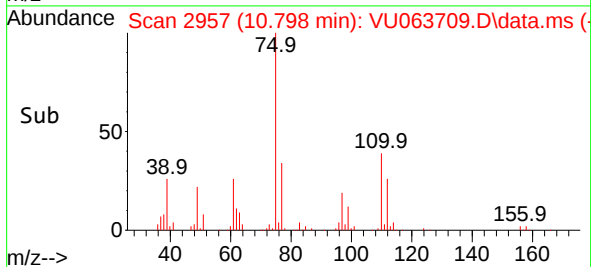
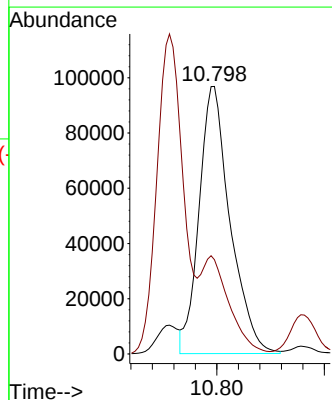
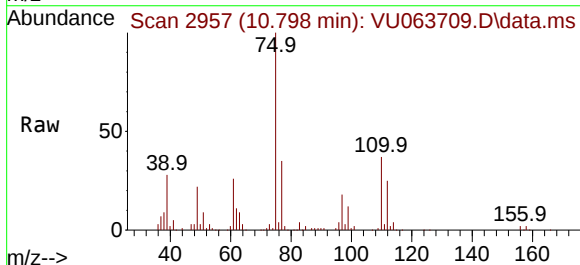
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

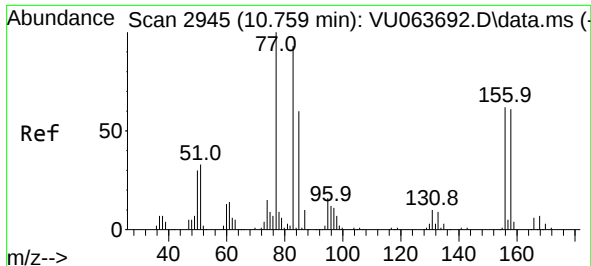
Tgt Ion: 83 Resp: 191054
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.8 14.4
 85 63.7 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 47.695 ug/l
 RT: 10.798 min Scan# 2957
 Delta R.T. -0.000 min
 Lab File: VU063709.D
 Acq: 12 Nov 2025 08:58

Tgt Ion: 75 Resp: 193513
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

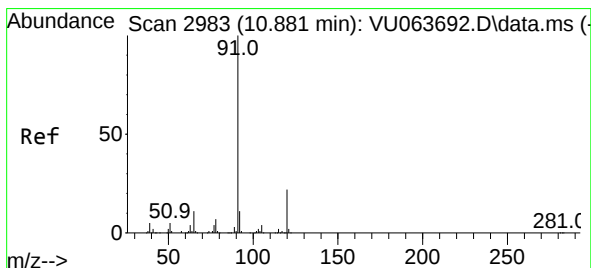
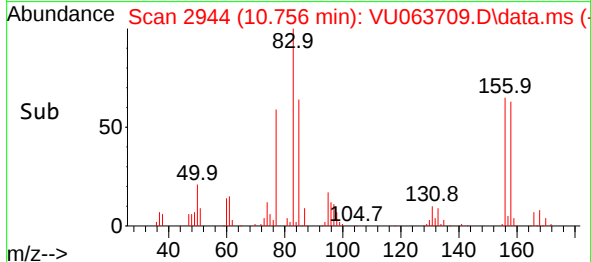
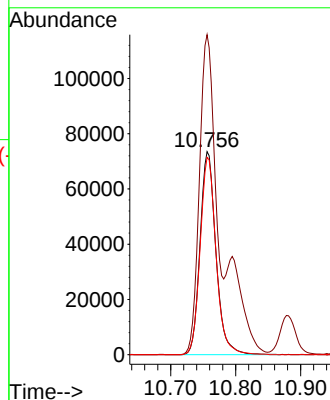
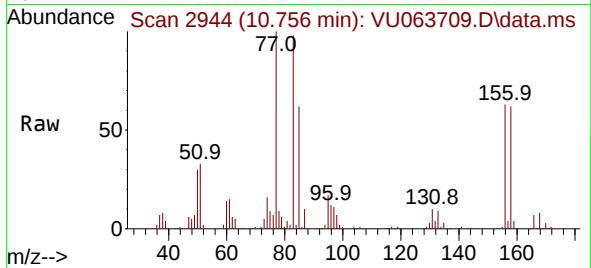




#77
Bromobenzene
Concen: 49.150 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

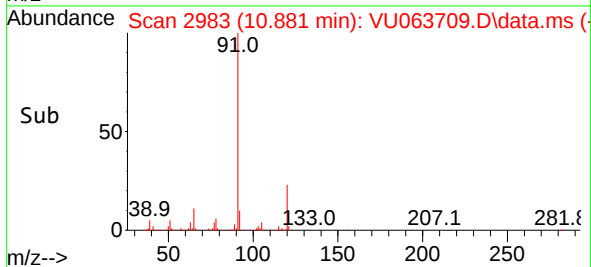
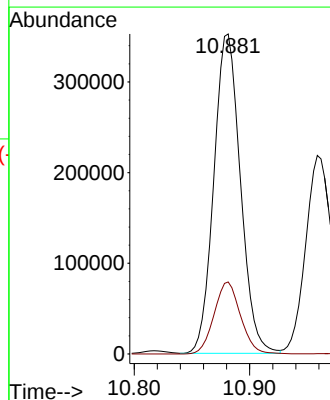
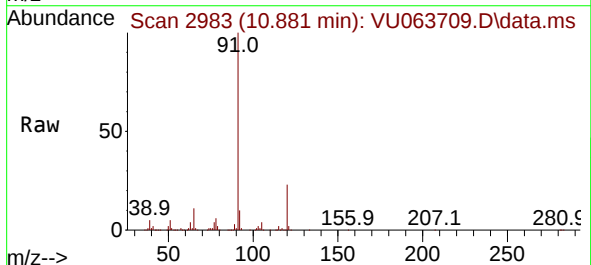
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

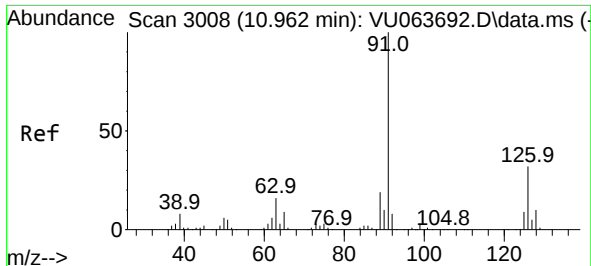
Tgt Ion:156 Resp: 125087
Ion Ratio Lower Upper
156 100
77 158.8 81.4 244.2
158 97.7 48.8 146.3



#78
n-propylbenzene
Concen: 48.630 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 91 Resp: 564300
Ion Ratio Lower Upper
91 100
120 22.5 11.2 33.6

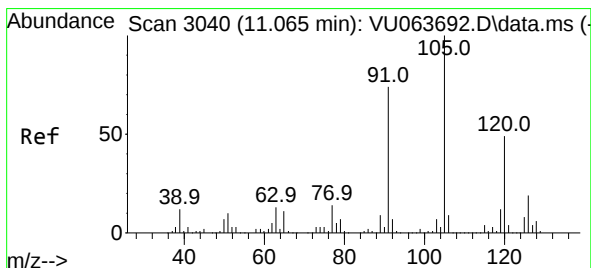
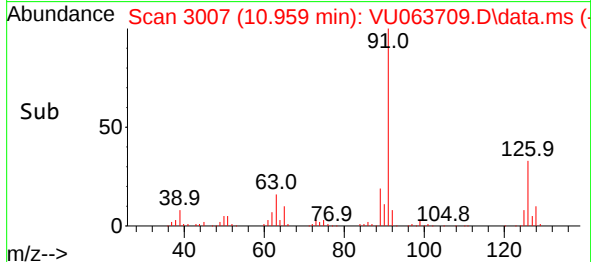
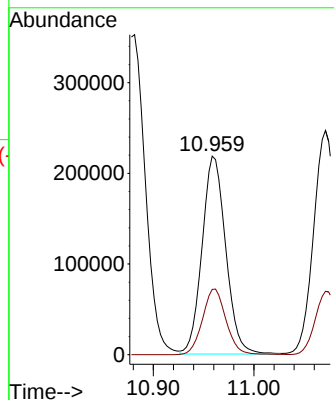
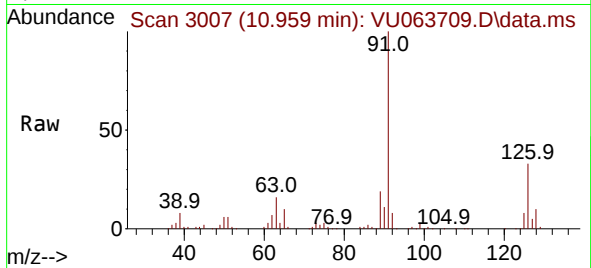




#79
2-Chlorotoluene
Concen: 47.623 ug/l
RT: 10.959 min Scan# 3007
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

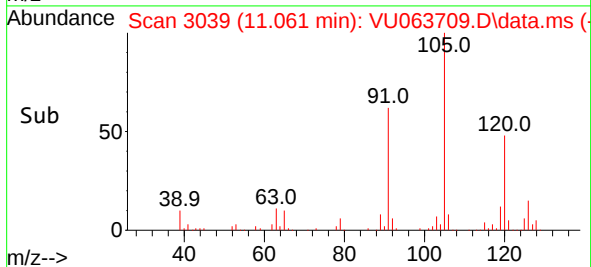
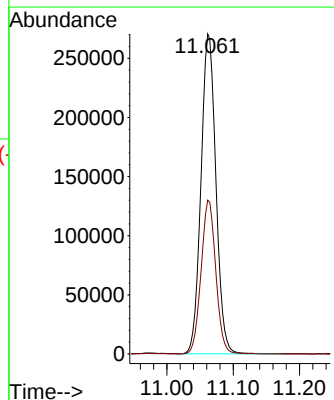
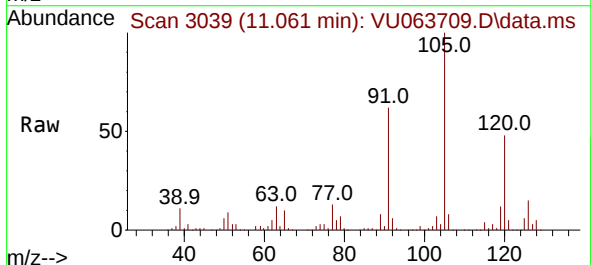
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

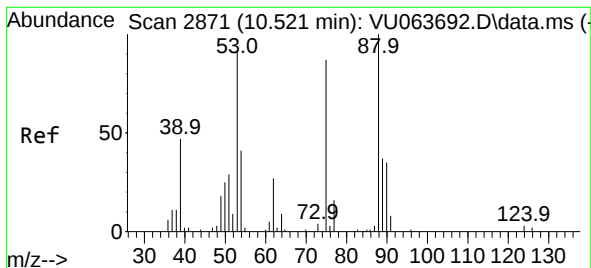
Tgt Ion: 91 Resp: 357194
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 49.792 ug/l
RT: 11.061 min Scan# 3039
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 105 Resp: 422325
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.2

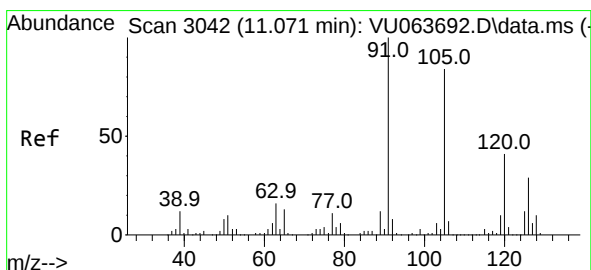
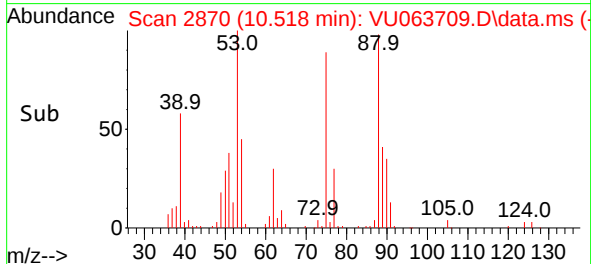
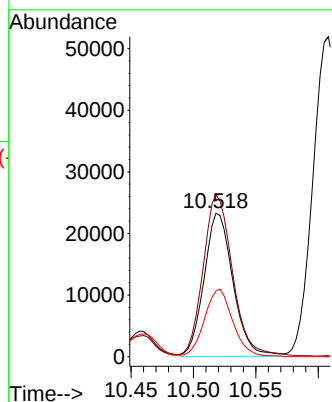
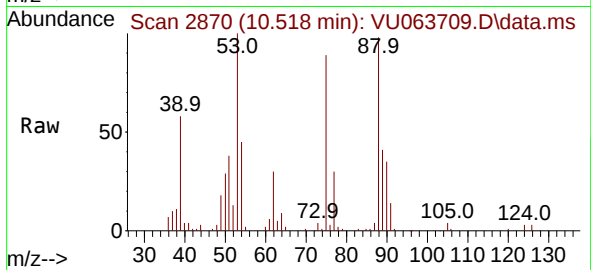




#81
trans-1,4-Dichloro-2-butene
Concen: 49.181 ug/l
RT: 10.518 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

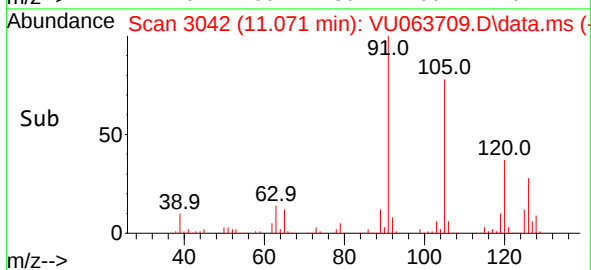
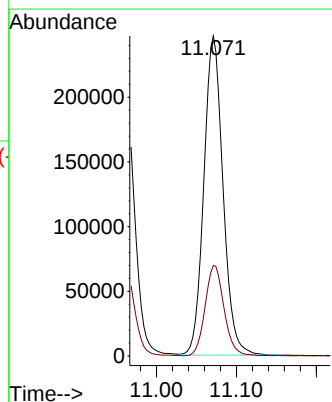
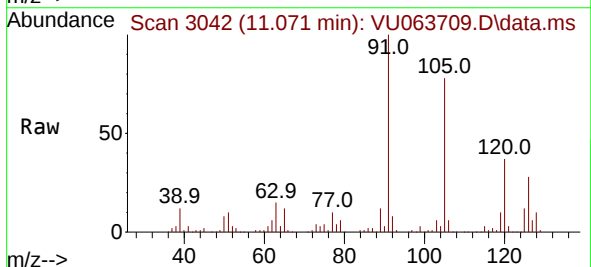
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

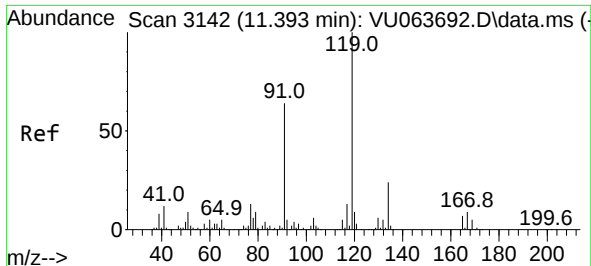
Tgt Ion: 75 Resp: 37457
Ion Ratio Lower Upper
75 100
53 115.0 86.5 129.7
89 46.3 35.2 52.8



#82
4-Chlorotoluene
Concen: 48.362 ug/l
RT: 11.071 min Scan# 3042
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 91 Resp: 412203
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.8

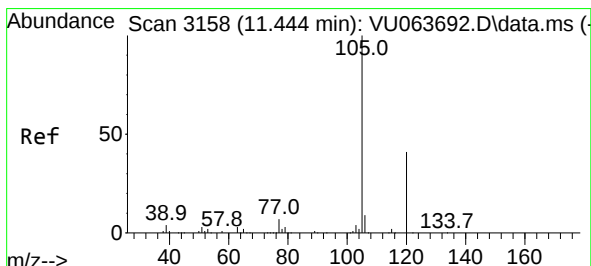
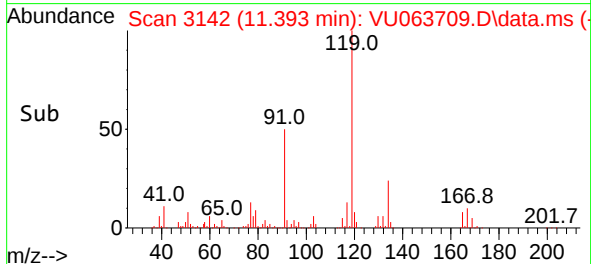
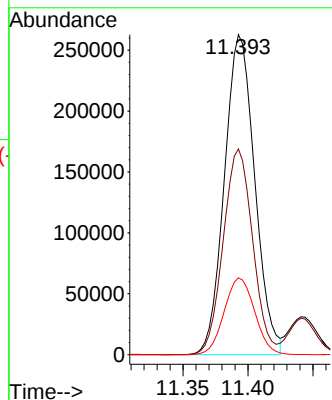
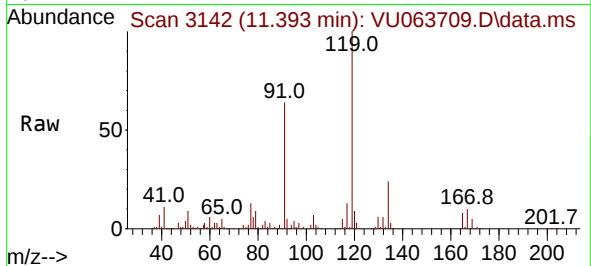




#83
 tert-Butylbenzene
 Concen: 48.387 ug/l
 RT: 11.393 min Scan# 3142
 Delta R.T. -0.000 min
 Lab File: VU063709.D
 Acq: 12 Nov 2025 08:58

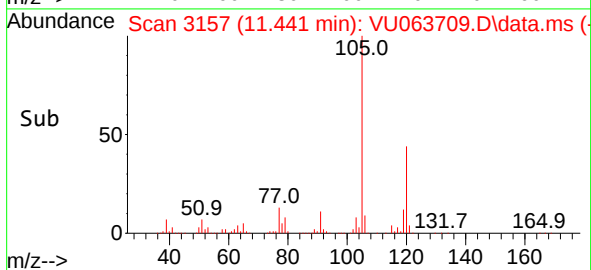
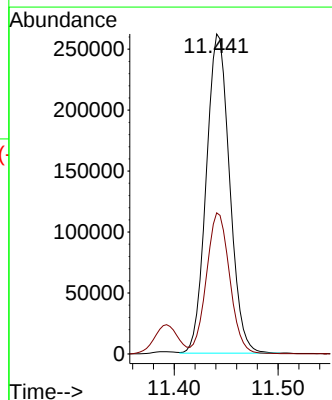
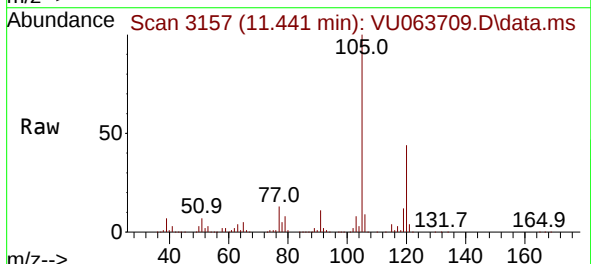
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

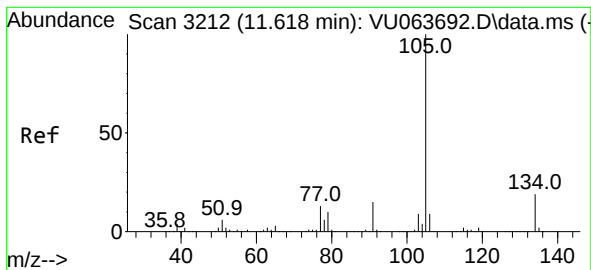
Tgt Ion:119 Resp: 427490
 Ion Ratio Lower Upper
 119 100
 91 62.4 30.8 92.3
 134 24.1 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.061 ug/l
 RT: 11.441 min Scan# 3157
 Delta R.T. -0.003 min
 Lab File: VU063709.D
 Acq: 12 Nov 2025 08:58

Tgt Ion:105 Resp: 408355
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.3

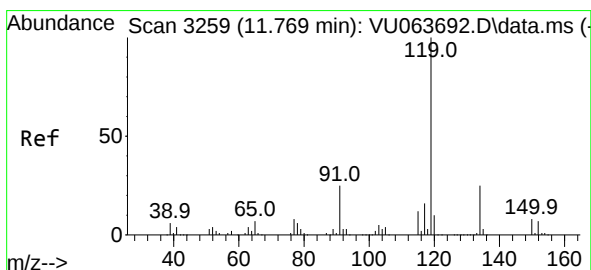
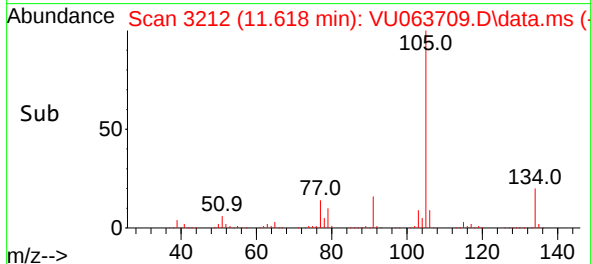
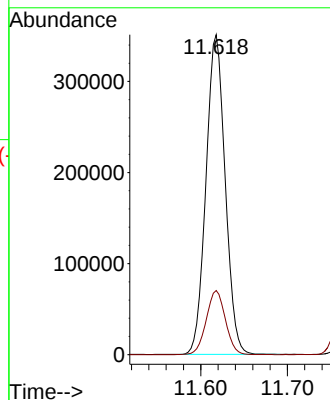
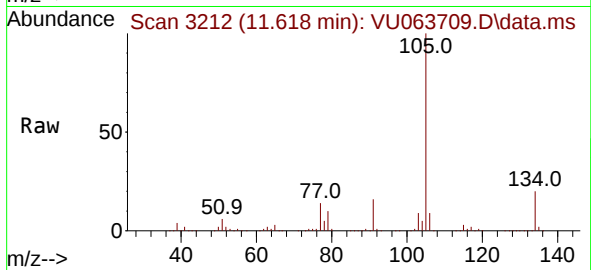




#85
sec-Butylbenzene
Concen: 48.371 ug/l
RT: 11.618 min Scan# 3212
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

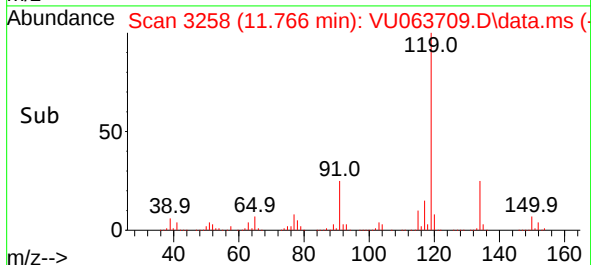
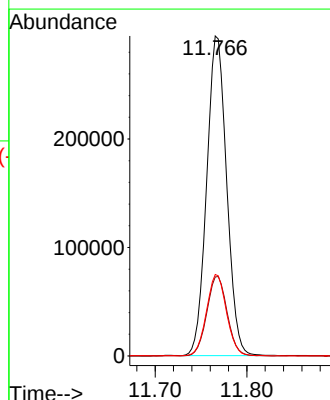
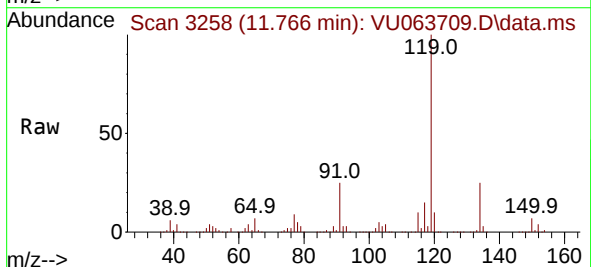
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

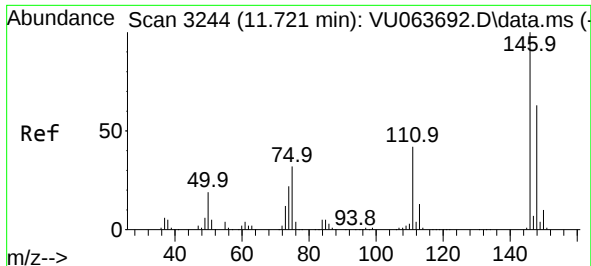
Tgt Ion:105 Resp: 539844
Ion Ratio Lower Upper
105 100
134 20.0 9.8 29.4



#86
p-Isopropyltoluene
Concen: 49.696 ug/l
RT: 11.766 min Scan# 3258
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion:119 Resp: 445232
Ion Ratio Lower Upper
119 100
134 25.4 12.6 37.6
91 25.5 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 49.440 ug/l

RT: 11.721 min Scan# 3244

Delta R.T. -0.000 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

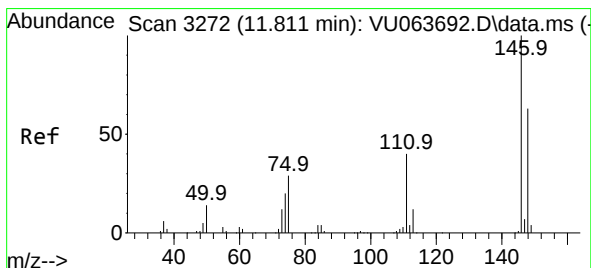
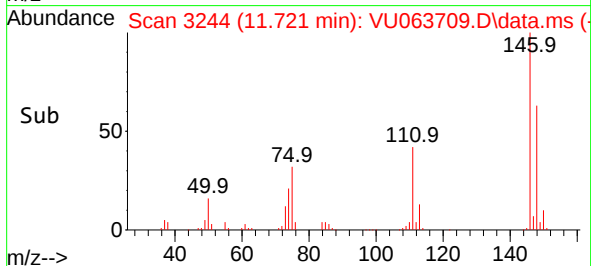
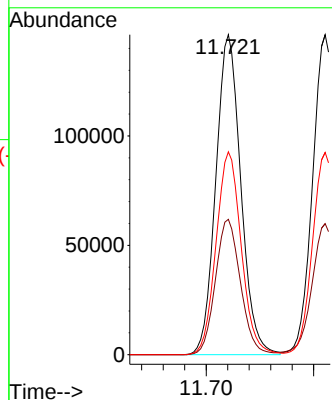
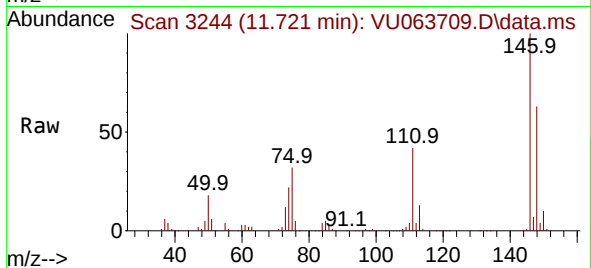
Tgt Ion:146 Resp: 236399

Ion Ratio Lower Upper

146 100

111 42.4 20.6 61.8

148 63.9 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 47.935 ug/l

RT: 11.811 min Scan# 3272

Delta R.T. -0.000 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

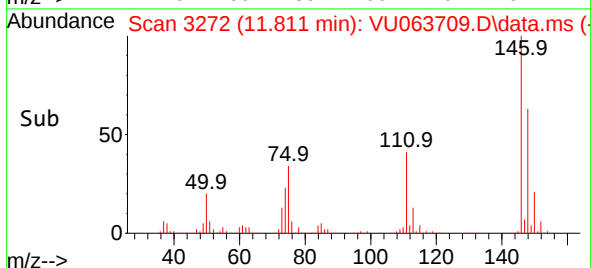
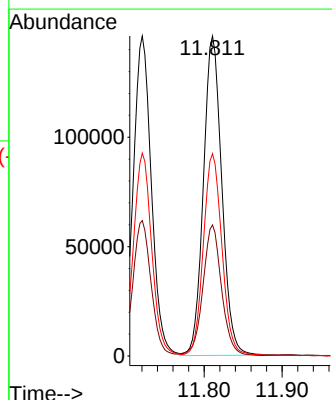
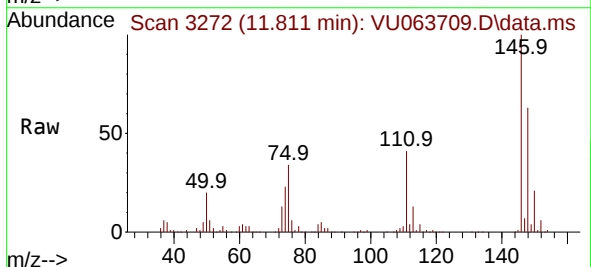
Tgt Ion:146 Resp: 239796

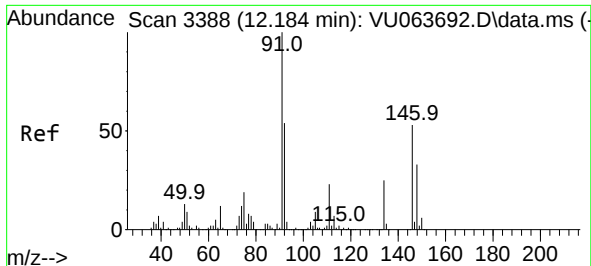
Ion Ratio Lower Upper

146 100

111 41.5 20.4 61.3

148 63.4 31.4 94.3

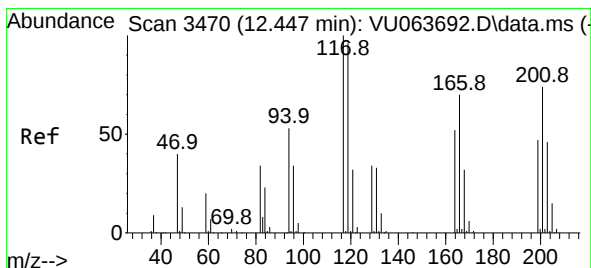
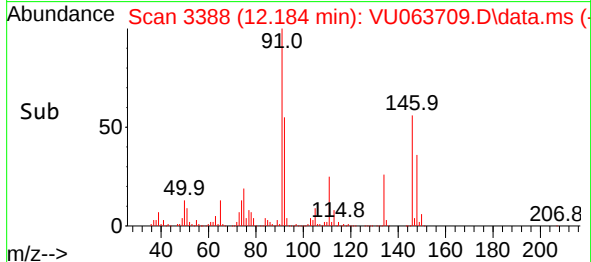
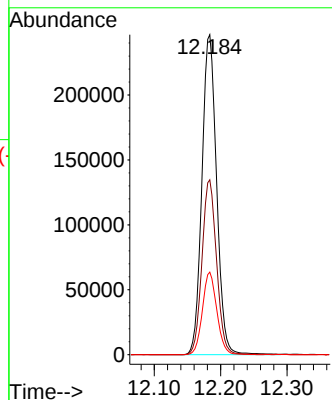
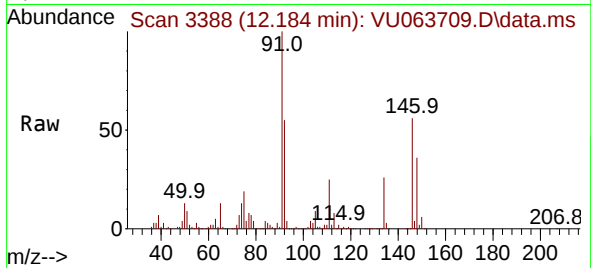




#89
n-Butylbenzene
Concen: 46.266 ug/l
RT: 12.184 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

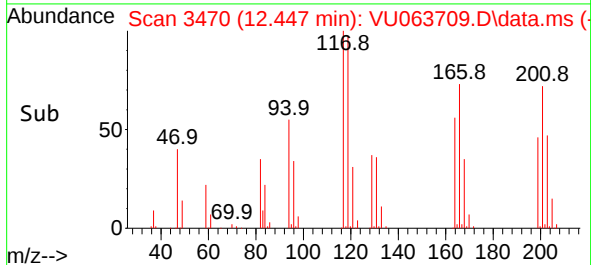
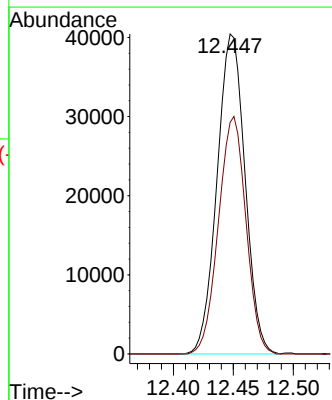
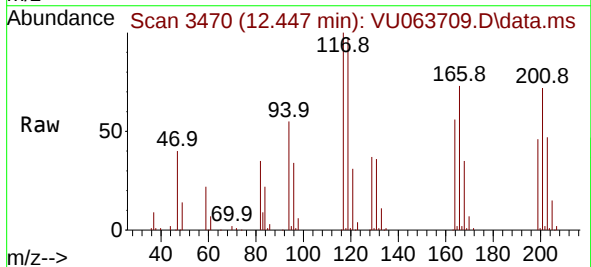
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

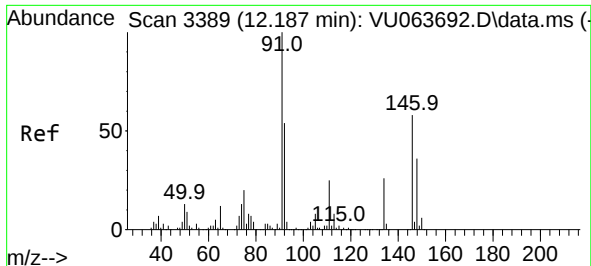
Tgt Ion: 91 Resp: 380678
Ion Ratio Lower Upper
91 100
92 54.1 27.0 81.0
134 25.3 12.4 37.4



#90
Hexachloroethane
Concen: 47.957 ug/l
RT: 12.447 min Scan# 3470
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 117 Resp: 65546
Ion Ratio Lower Upper
117 100
201 72.9 36.6 109.8

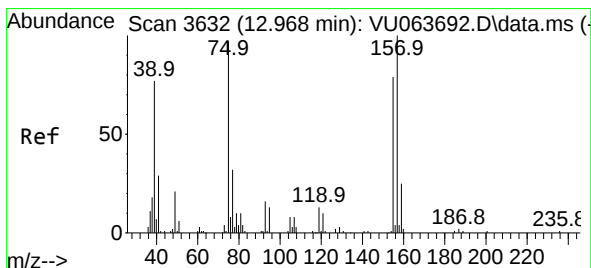
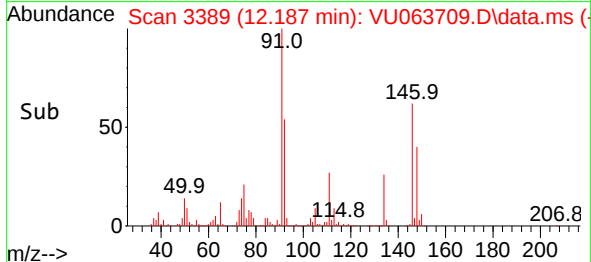
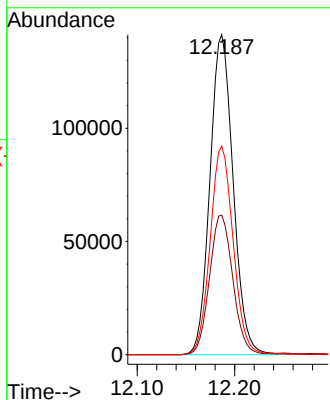
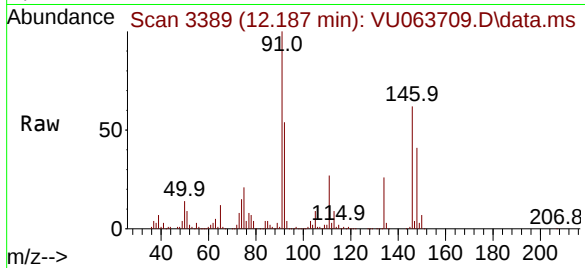




#91
1,2-Dichlorobenzene
Concen: 48.946 ug/l
RT: 12.187 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

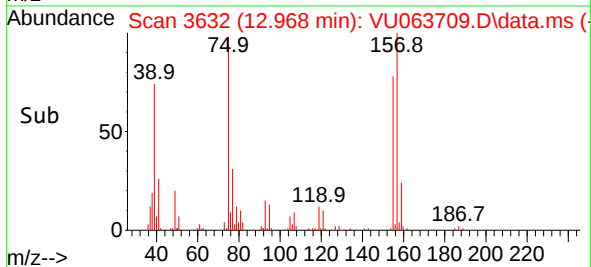
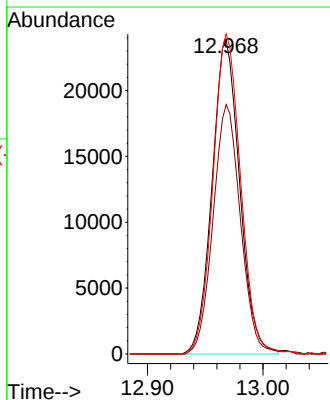
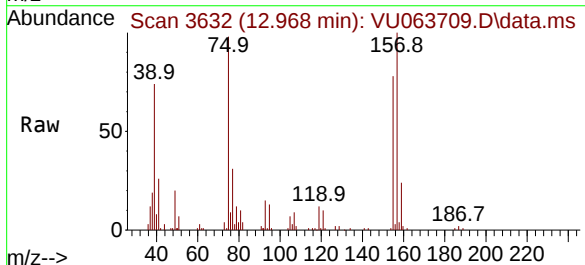
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

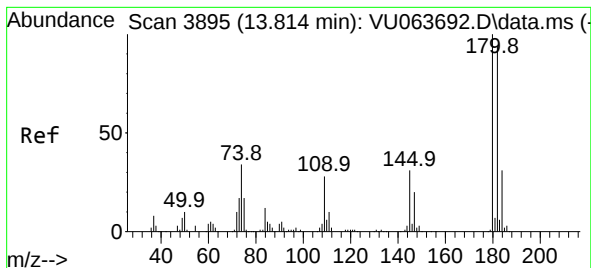
Tgt Ion:146 Resp: 233668
Ion Ratio Lower Upper
146 100
111 44.0 21.8 65.3
148 65.1 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.694 ug/l
RT: 12.968 min Scan# 3632
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion: 75 Resp: 39554
Ion Ratio Lower Upper
75 100
155 79.1 40.5 121.4
157 102.2 50.4 151.3





#93

1,2,4-Trichlorobenzene

Concen: 47.064 ug/l

RT: 13.810 min Scan# 3895

Delta R.T. -0.003 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

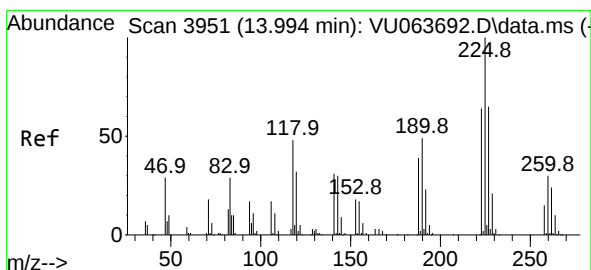
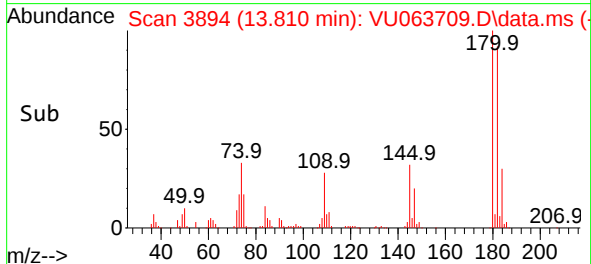
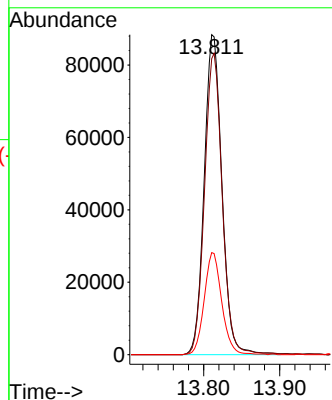
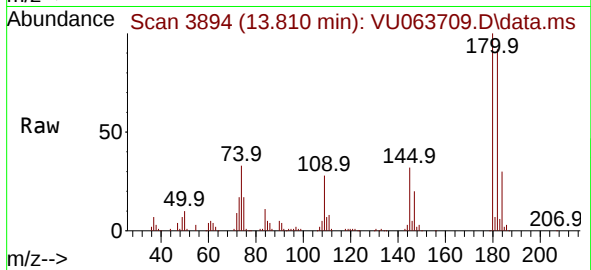
Tgt Ion:180 Resp: 143242

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 31.6 15.9 47.6



#94

Hexachlorobutadiene

Concen: 48.617 ug/l

RT: 13.994 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VU063709.D

Acq: 12 Nov 2025 08:58

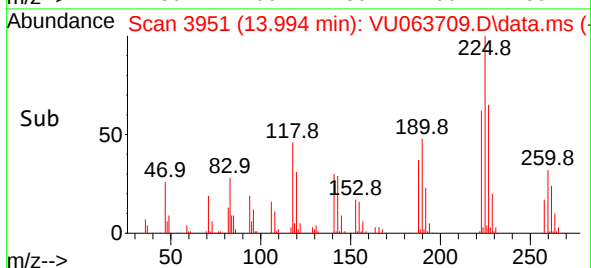
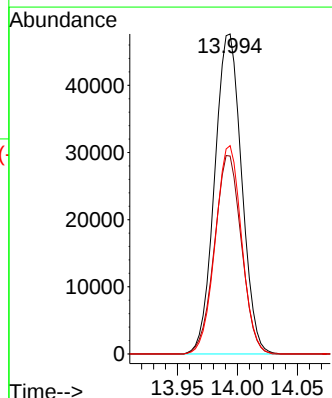
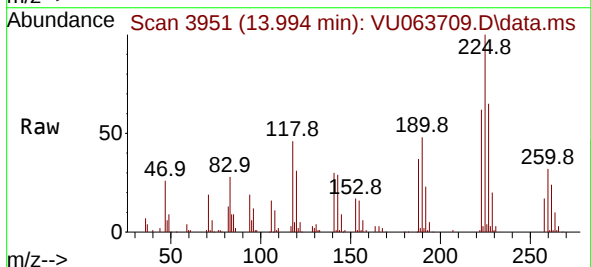
Tgt Ion:225 Resp: 74557

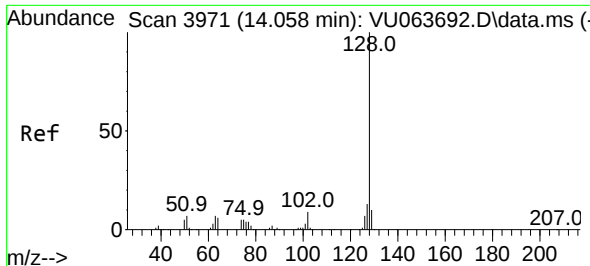
Ion Ratio Lower Upper

225 100

223 62.0 31.6 94.8

227 63.4 32.4 97.0

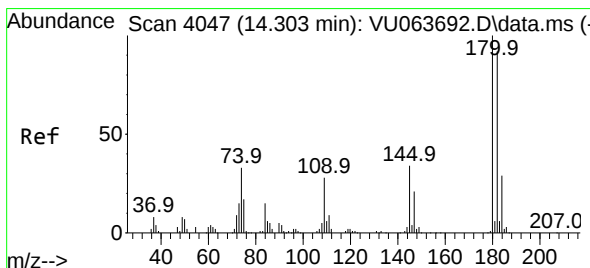
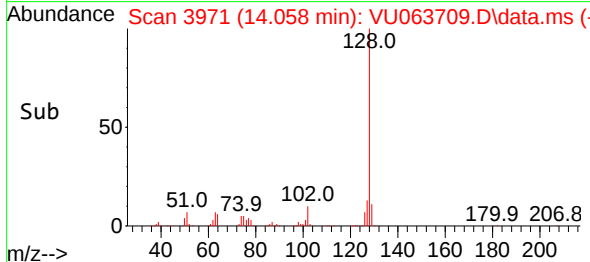
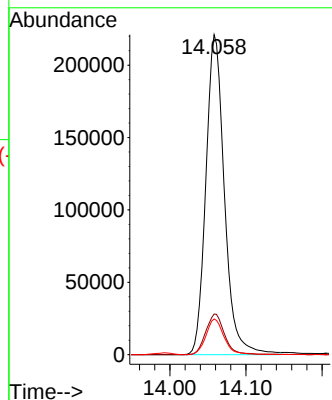
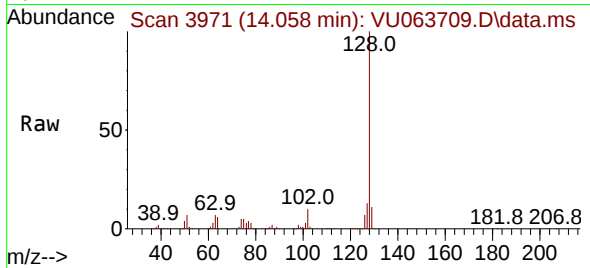




#95
Naphthalene
Concen: 45.506 ug/l
RT: 14.058 min Scan# 3971
Delta R.T. -0.000 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 375193
Ion Ratio Lower Upper
128 100
127 13.0 9.9 14.9
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 47.496 ug/l
RT: 14.299 min Scan# 4046
Delta R.T. -0.003 min
Lab File: VU063709.D
Acq: 12 Nov 2025 08:58

Tgt Ion:180 Resp: 134395
Ion Ratio Lower Upper
180 100
182 94.6 47.3 142.0
145 34.0 16.6 49.7

