

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111125\
 Data File : VU063707.D
 Acq On : 11 Nov 2025 15:46
 Operator : MD/SY
 Sample : VSTDCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 12 02:12:46 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	181289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	302912	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.390	117	287098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.785	152	165543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.669	65	133600	49.887	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.780%
35) Dibromofluoromethane	5.255	113	108287	51.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.080%
50) Toluene-d8	7.872	98	360878	47.348	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.700%
62) 4-Bromofluorobenzene	10.608	95	157761	50.037	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	48063	43.900	ug/l	99
3) Chloromethane	1.509	50	51941	48.526	ug/l	99
4) Vinyl Chloride	1.589	62	61055	45.340	ug/l	100
5) Bromomethane	1.834	94	44714	54.768	ug/l	98
6) Chloroethane	1.911	64	48010	47.144	ug/l	98
7) Trichlorofluoromethane	2.117	101	121386	47.111	ug/l	99
8) Diethyl Ether	2.354	74	54471	49.726	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.554	101	78813	48.141	ug/l	99
10) Methyl Iodide	2.695	142	90366	49.861	ug/l	98
11) Tert butyl alcohol	3.152	59	151243	242.055	ug/l	98
12) 1,1-Dichloroethene	2.554	96	65598	46.535	ug/l	99
13) Acrolein	2.461	56	9858	245.562	ug/l	98
14) Allyl chloride	2.895	41	126578	48.146	ug/l	99
15) Acrylonitrile	3.280	53	342496	267.651	ug/l	98
16) Acetone	2.599	43	369907	251.441	ug/l	98
17) Carbon Disulfide	2.766	76	80828	44.991	ug/l	98
18) Methyl Acetate	2.920	43	243971	51.824	ug/l	99
19) Methyl tert-butyl Ether	3.332	73	335953	52.819	ug/l	98
20) Methylene Chloride	3.014	84	93278	54.049	ug/l	98
21) trans-1,2-Dichloroethene	3.322	96	67276	46.485	ug/l	97
22) Diisopropyl ether	3.956	45	292093	50.445	ug/l	92
23) Vinyl Acetate	3.920	43	982006	248.677	ug/l	98
24) 1,1-Dichloroethane	3.833	63	165615	49.592	ug/l	99
25) 2-Butanone	4.666	43	456892	247.781	ug/l	100
26) 2,2-Dichloropropane	4.628	77	133548	46.561	ug/l	100
27) cis-1,2-Dichloroethene	4.631	96	104533	49.438	ug/l	99
28) Bromochloromethane	4.940	49	77542	58.022	ug/l	97
29) Tetrahydrofuran	5.017	42	271123	252.689	ug/l	99
30) Chloroform	5.055	83	189894	51.902	ug/l	99
31) Cyclohexane	5.354	56	103808	48.687	ug/l	98
32) 1,1,1-Trichloroethane	5.280	97	147879	49.256	ug/l	100
36) 1,1-Dichloropropene	5.496	75	99069	45.879	ug/l	100
37) Ethyl Acetate	4.772	43	152713	49.945	ug/l	98
38) Carbon Tetrachloride	5.493	117	104782	44.896	ug/l	97
39) Methylcyclohexane	6.734	83	115455	47.093	ug/l	98
40) Benzene	5.743	78	339835	48.769	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	81614	51.358	ug/l	99
42) 1,2-Dichloroethane	5.763	62	142941	52.011	ug/l	100
43) Isopropyl Acetate	5.882	43	229853	51.288	ug/l	99
44) Trichloroethene	6.512	130	90677	46.382	ug/l	96
45) 1,2-Dichloropropane	6.759	63	95429	50.378	ug/l	99
46) Dibromomethane	6.888	93	72641	51.071	ug/l	96
47) Bromodichloromethane	7.075	83	148224	51.401	ug/l	98
48) Methyl methacrylate	6.933	41	113578	51.630	ug/l	99
49) 1,4-Dioxane	6.936	88	56788	974.378	ug/l	98
51) 4-Methyl-2-Pentanone	7.763	43	881202	256.948	ug/l	99
52) Toluene	7.943	92	223796	49.488	ug/l	99
53) t-1,3-Dichloropropene	8.184	75	114558	47.176	ug/l	98
54) cis-1,3-Dichloropropene	7.579	75	133111	48.908	ug/l	100
55) 1,1,2-Trichloroethane	8.370	97	107992	52.038	ug/l	98
56) Ethyl methacrylate	8.309	69	166049	54.228	ug/l	97
57) 1,3-Dichloropropane	8.547	76	174857	51.647	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.441	63	8522	231.448	ug/l	94
59) 2-Hexanone	8.656	43	648555	253.904	ug/l	100
60) Dibromochloromethane	8.782	129	109674	50.457	ug/l	99
61) 1,2-Dibromoethane	8.894	107	103087	51.551	ug/l	97
64) Tetrachloroethene	8.525	164	90069	48.627	ug/l	98
65) Chlorobenzene	9.422	112	271529	48.402	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.505	131	93153	48.821	ug/l	98
67) Ethyl Benzene	9.544	91	454737	48.667	ug/l	100
68) m/p-Xylenes	9.669	106	342793	99.390	ug/l	100
69) o-Xylene	10.074	106	175826	49.404	ug/l	100
70) Styrene	10.090	104	294967	51.599	ug/l	99
71) Bromoform	10.264	173	77440	50.401	ug/l #	98
73) Isopropylbenzene	10.457	105	473793	45.555	ug/l	100
74) N-amyl acetate	10.299	43	162484	44.840	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.756	83	185718	46.500	ug/l	99
76) 1,2,3-Trichloropropane	10.795	75	187013	44.829	ug/l #	100
77) Bromobenzene	10.756	156	118545	45.303	ug/l	99
78) n-propylbenzene	10.881	91	543046	45.516	ug/l	100
79) 2-Chlorotoluene	10.959	91	345065	44.745	ug/l	99
80) 1,3,5-Trimethylbenzene	11.062	105	402846	46.194	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.518	75	34777	44.411	ug/l	89
82) 4-Chlorotoluene	11.071	91	395188	45.095	ug/l	99
83) tert-Butylbenzene	11.393	119	412960	45.461	ug/l	100
84) 1,2,4-Trimethylbenzene	11.441	105	392322	45.843	ug/l	100
85) sec-Butylbenzene	11.618	105	521842	45.477	ug/l	100
86) p-Isopropyltoluene	11.766	119	423038	45.924	ug/l	99
87) 1,3-Dichlorobenzene	11.721	146	229982	46.780	ug/l	99
88) 1,4-Dichlorobenzene	11.811	146	229757	44.670	ug/l	98
89) n-Butylbenzene	12.184	91	365260	43.176	ug/l	99
90) Hexachloroethane	12.447	117	60323	42.926	ug/l	98
91) 1,2-Dichlorobenzene	12.187	146	229095	46.673	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.968	75	38025	46.464	ug/l	97
93) 1,2,4-Trichlorobenzene	13.814	180	138382	44.221	ug/l	99
94) Hexachlorobutadiene	13.991	225	71159	45.130	ug/l	99
95) Naphthalene	14.058	128	378042	44.595	ug/l	99
96) 1,2,3-Trichlorobenzene	14.299	180	131511	45.203	ug/l	99

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QLast Update : Tue Nov 11 01:41:19 2025
Response via : Initial Calibration

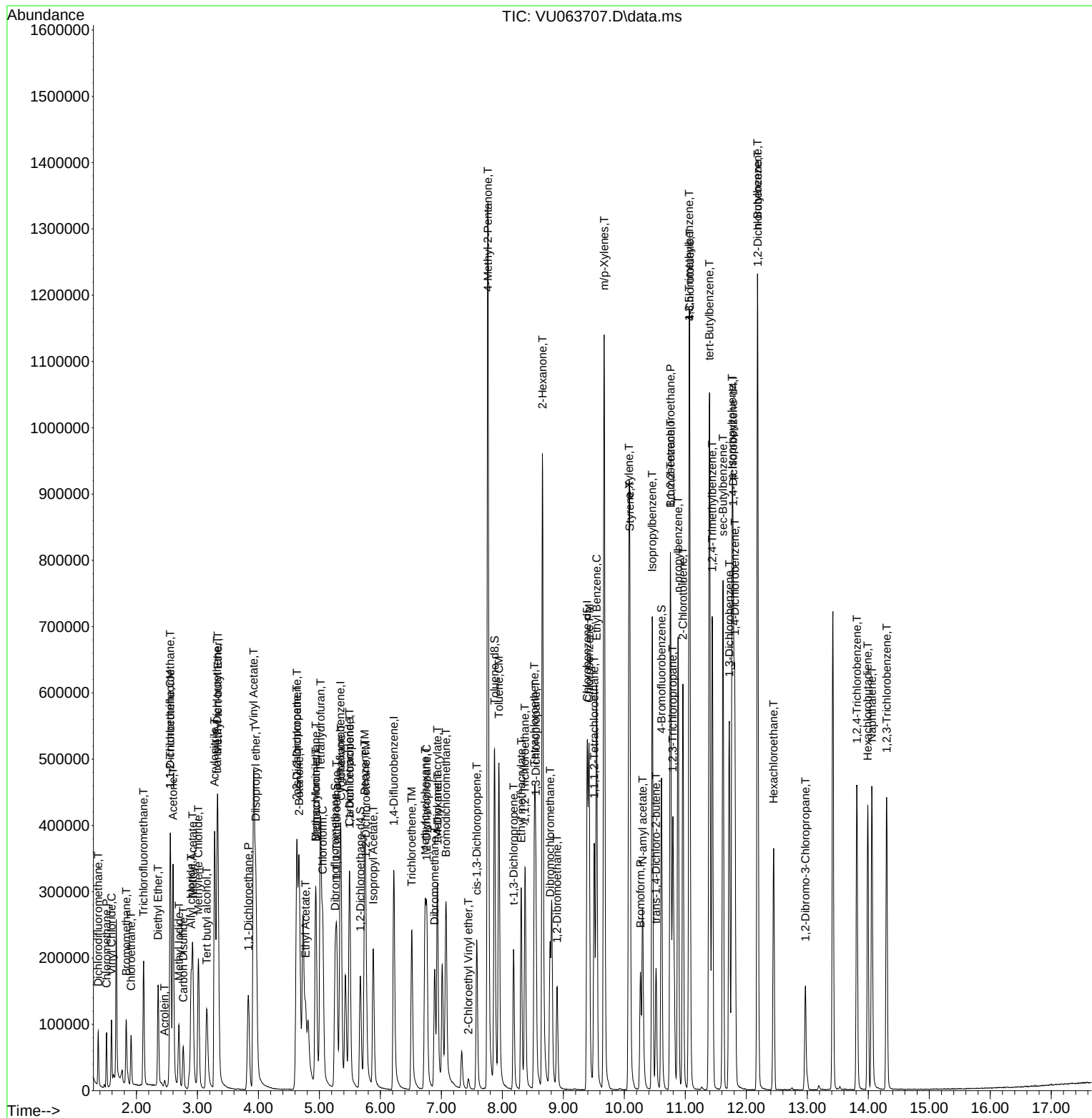
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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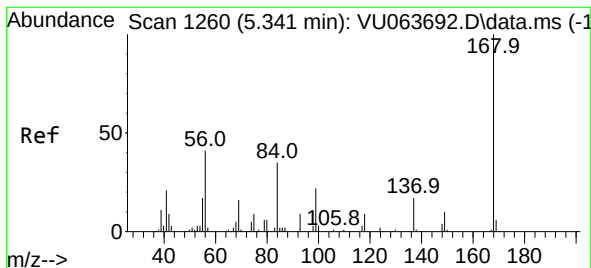
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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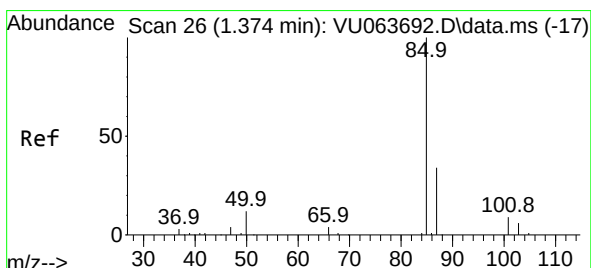
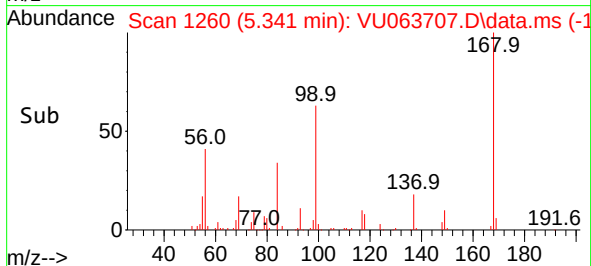
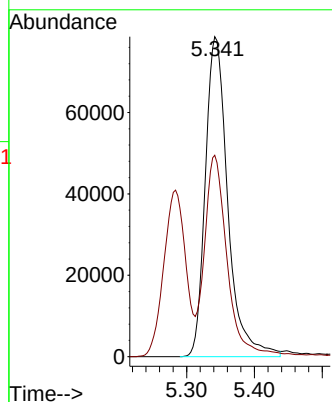
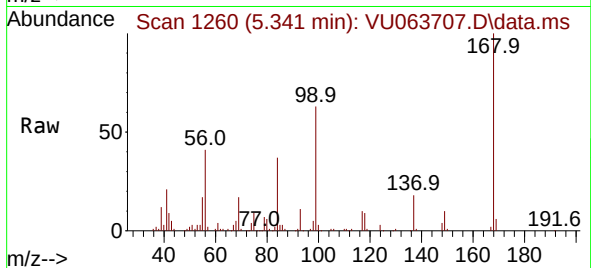




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.341 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063707.D
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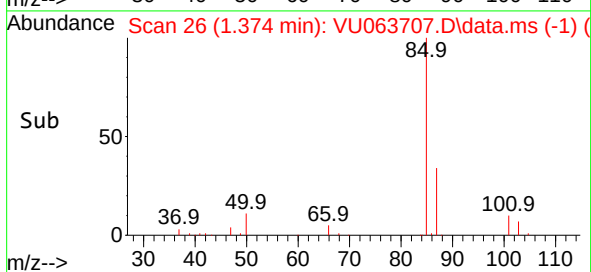
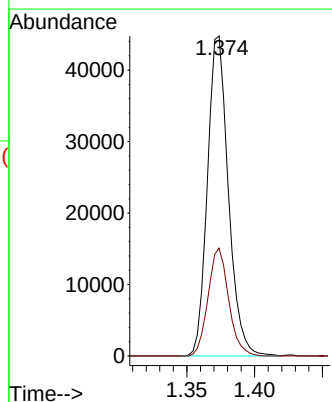
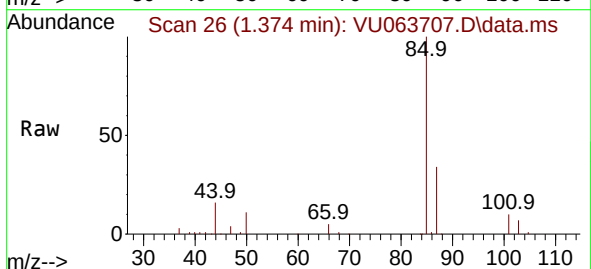
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

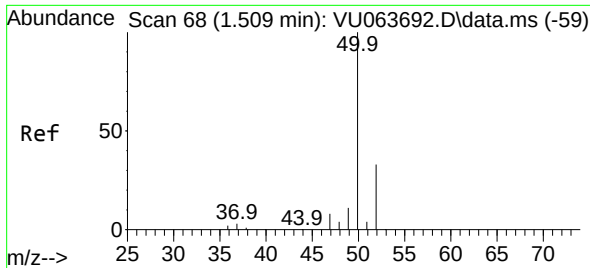
Tgt Ion:168 Resp: 181289
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 43.900 ug/l
RT: 1.374 min Scan# 26
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 85 Resp: 48063
Ion Ratio Lower Upper
85 100
87 33.7 17.0 51.0

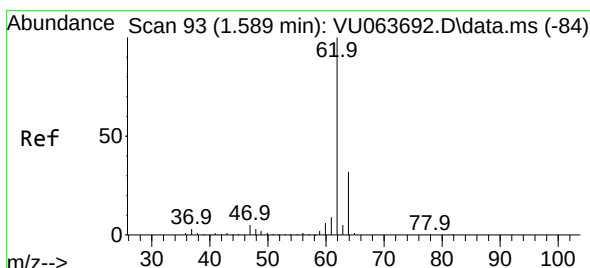
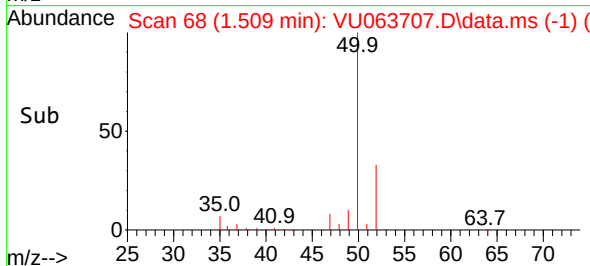
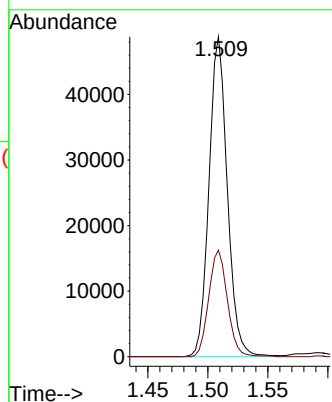
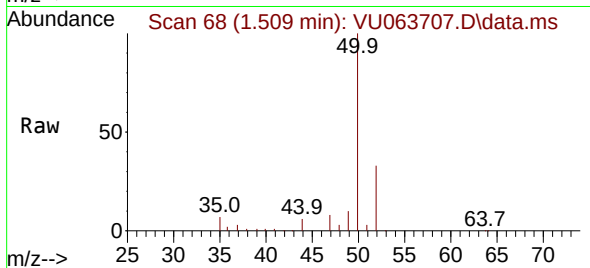




#3
Chloromethane
Concen: 48.526 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

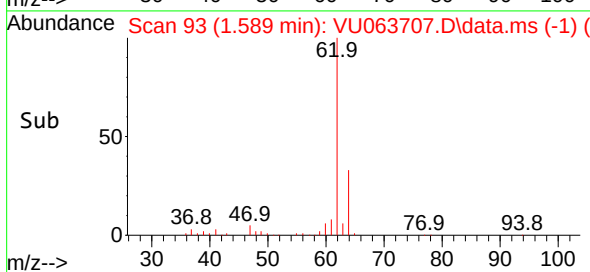
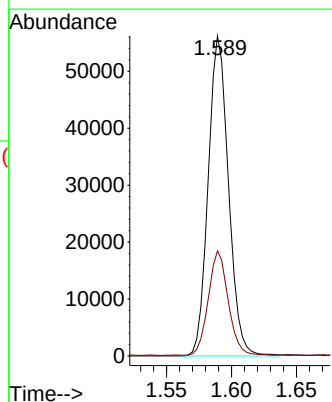
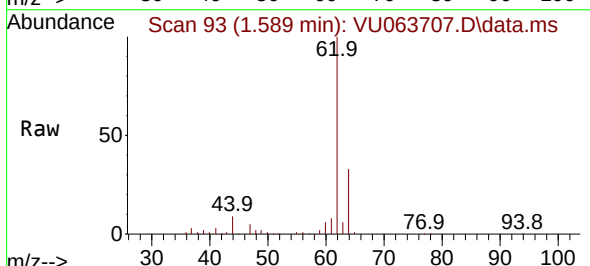
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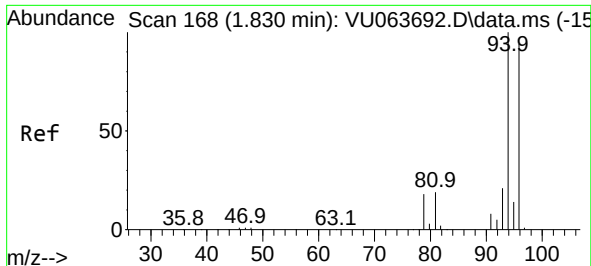
Tgt Ion: 50 Resp: 51941
Ion Ratio Lower Upper
50 100
52 33.3 26.3 39.5



#4
Vinyl Chloride
Concen: 45.340 ug/l
RT: 1.589 min Scan# 93
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 62 Resp: 61055
Ion Ratio Lower Upper
62 100
64 32.6 25.9 38.9

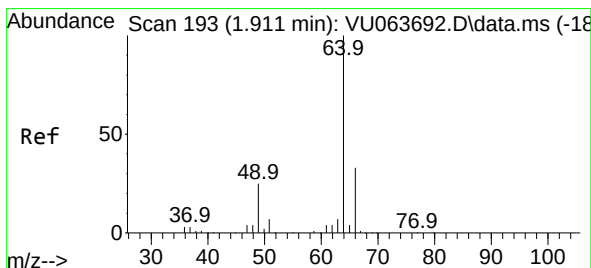
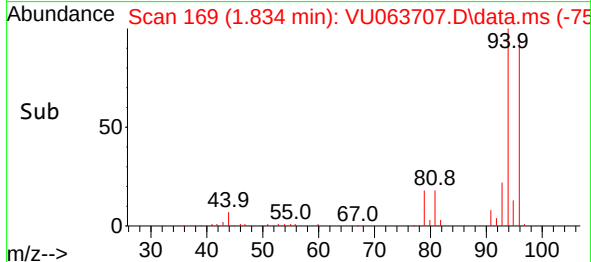
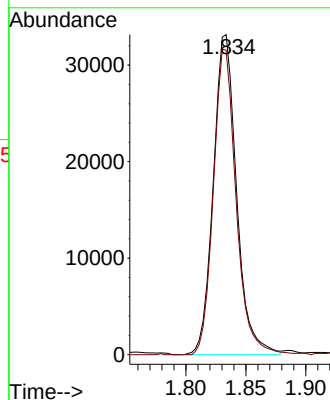
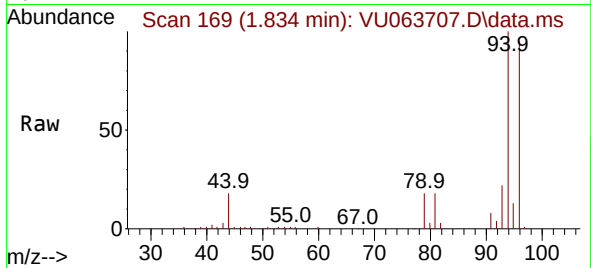




#5
Bromomethane
Concen: 54.768 ug/l
RT: 1.834 min Scan# 168
Delta R.T. 0.004 min
Lab File: VU063707.D
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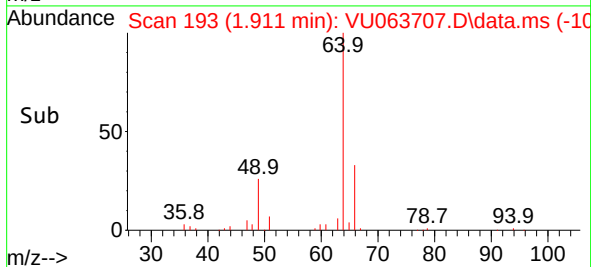
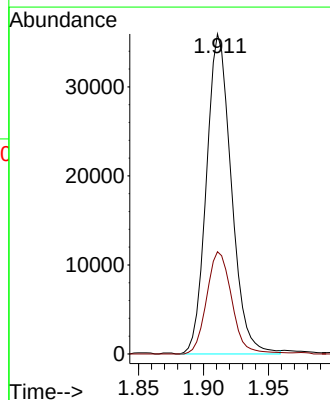
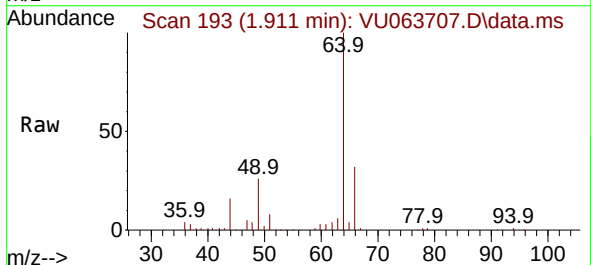
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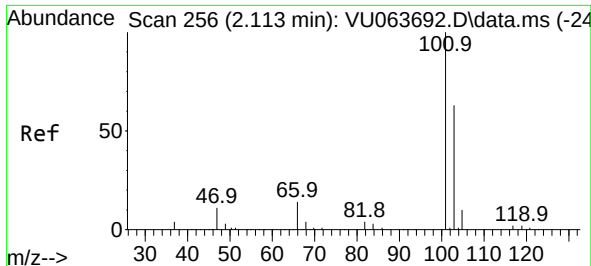
Tgt Ion: 94 Resp: 44714
Ion Ratio Lower Upper
94 100
96 95.1 74.8 112.2



#6
Chloroethane
Concen: 47.144 ug/l
RT: 1.911 min Scan# 193
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 64 Resp: 48010
Ion Ratio Lower Upper
64 100
66 32.0 26.4 39.6

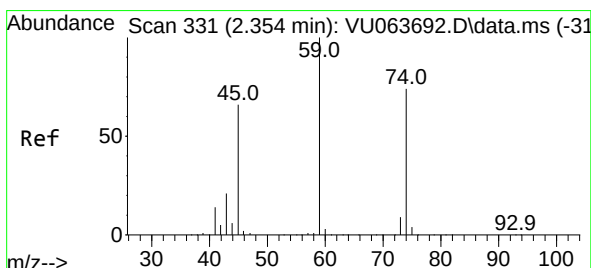
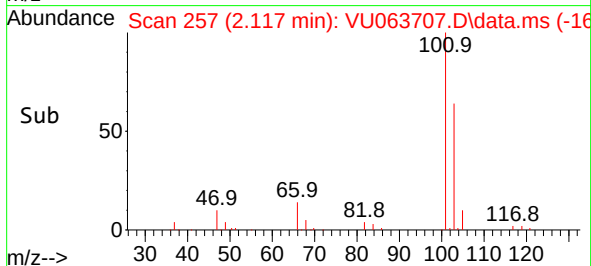
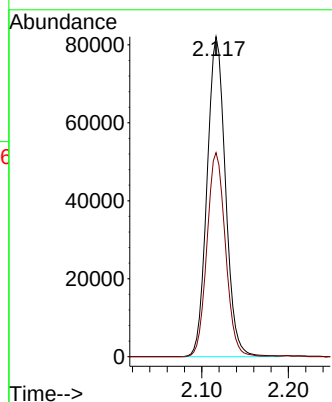
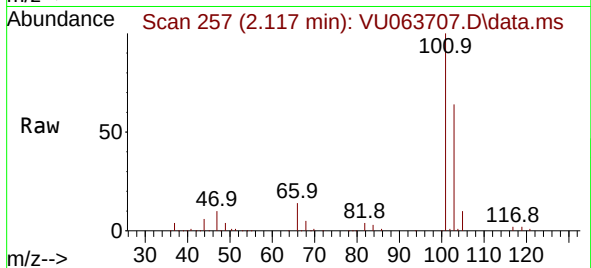




#7
 Trichlorofluoromethane
 Concen: 47.111 ug/l
 RT: 2.117 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU063707.D
 Acq: 11 Nov 2025 15:46

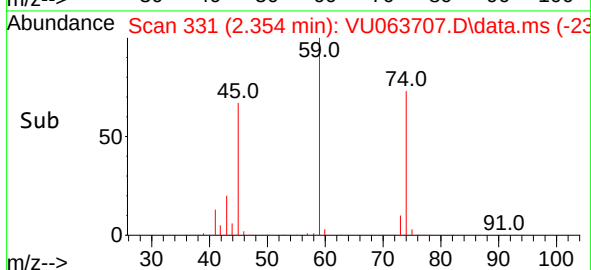
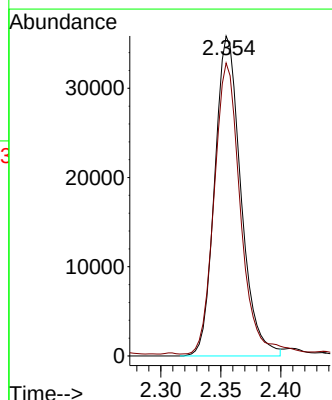
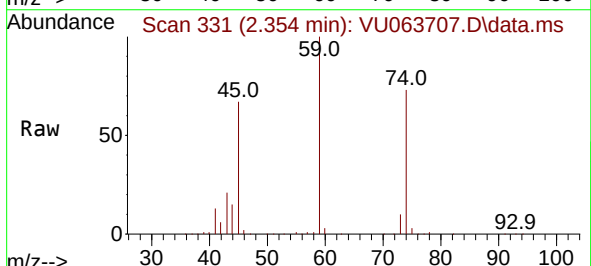
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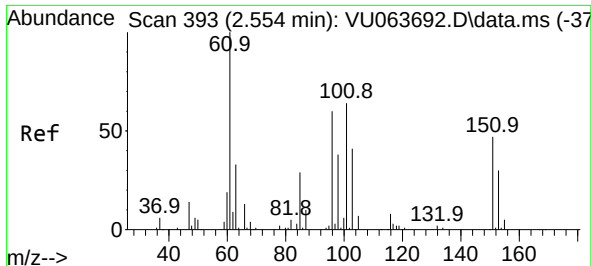
Tgt Ion:101 Resp: 121386
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.3 75.5



#8
 Diethyl Ether
 Concen: 49.726 ug/l
 RT: 2.354 min Scan# 331
 Delta R.T. 0.000 min
 Lab File: VU063707.D
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Tgt Ion: 74 Resp: 54471
 Ion Ratio Lower Upper
 74 100
 45 91.2 44.1 132.4

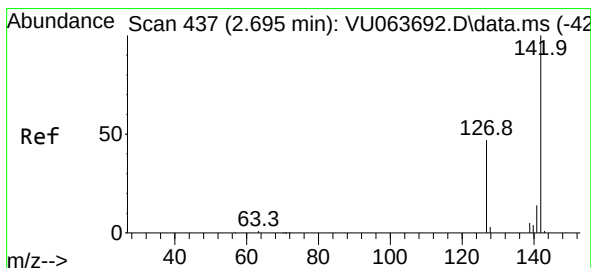
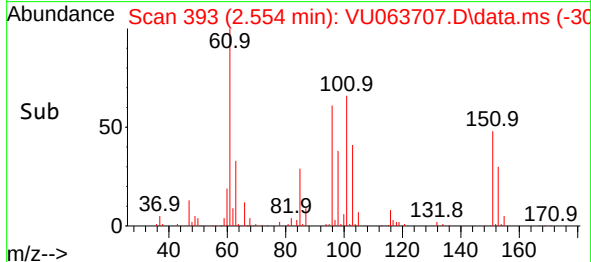
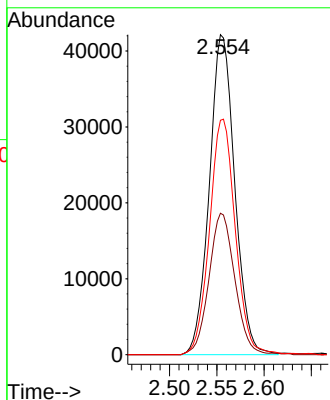
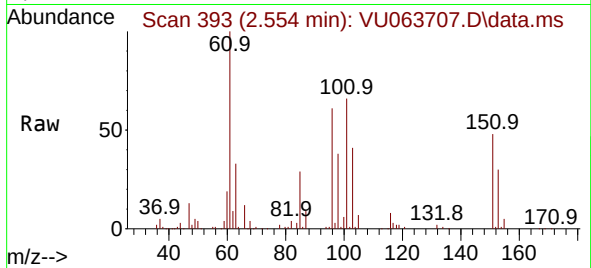




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.141 ug/l
RT: 2.554 min Scan# 393
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

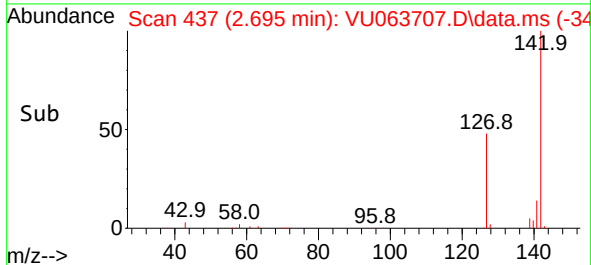
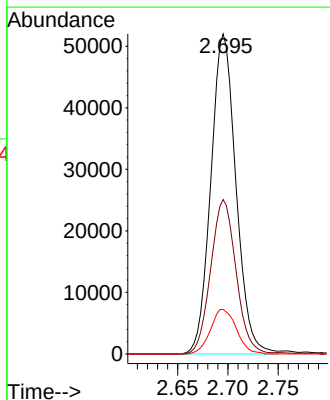
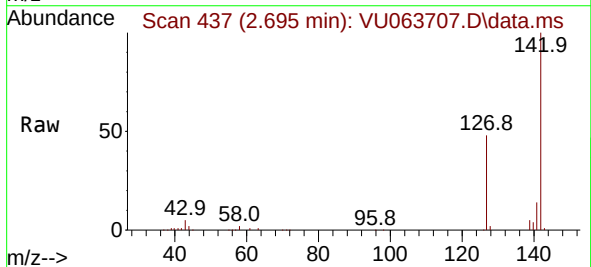
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

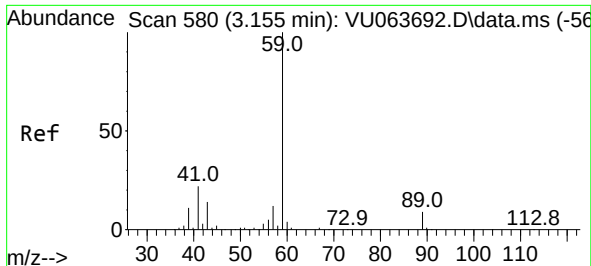
Tgt Ion:101 Resp: 78813
Ion Ratio Lower Upper
101 100
85 45.1 36.2 54.4
151 74.8 58.5 87.7



#10
Methyl Iodide
Concen: 49.861 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion:142 Resp: 90366
Ion Ratio Lower Upper
142 100
127 48.5 37.2 55.8
141 14.4 11.4 17.0

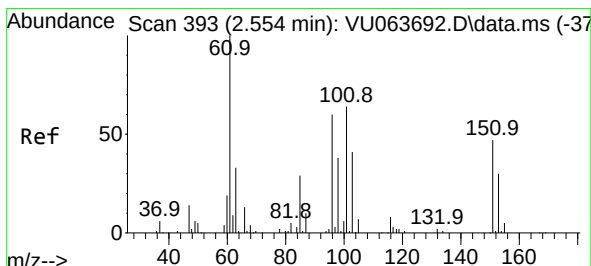
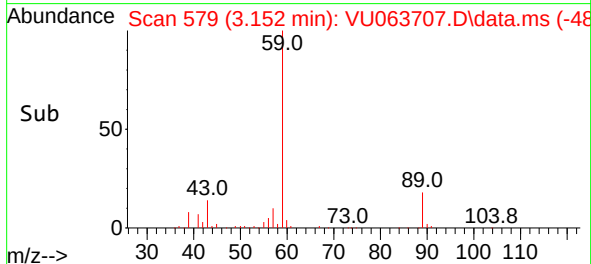
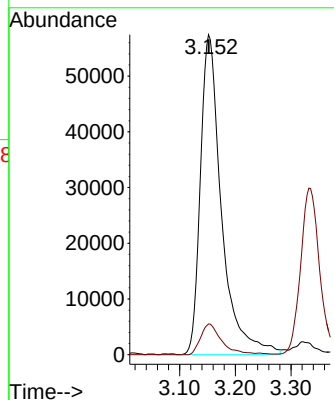
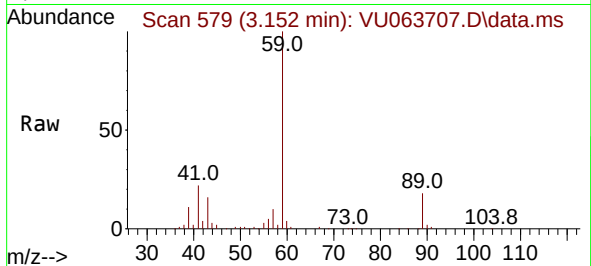




#11
Tert butyl alcohol
Concen: 242.055 ug/l
RT: 3.152 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

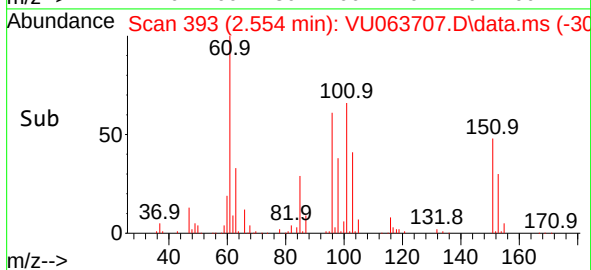
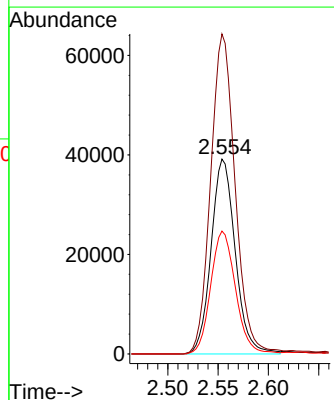
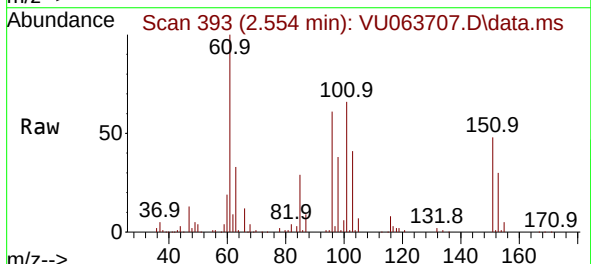
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

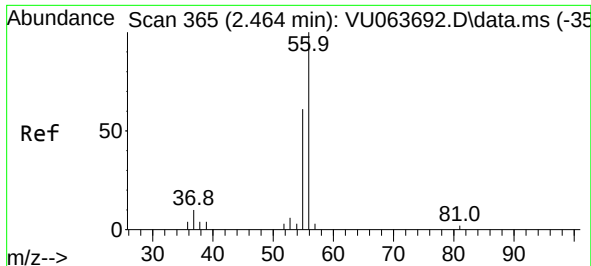
Tgt Ion: 59 Resp: 151243
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.535 ug/l
RT: 2.554 min Scan# 393
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 96 Resp: 65598
Ion Ratio Lower Upper
96 100
61 164.2 133.1 199.7
98 63.1 50.7 76.1





#13

Acrolein

Concen: 245.562 ug/l

RT: 2.461 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

Instrument :

MSVOA_U

ClientSampleId :

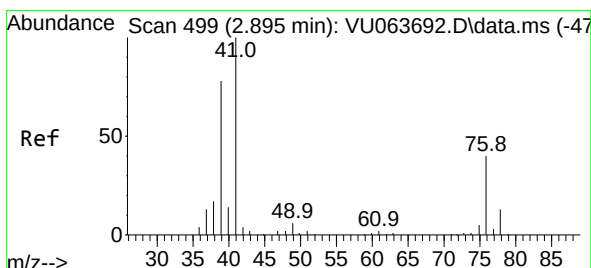
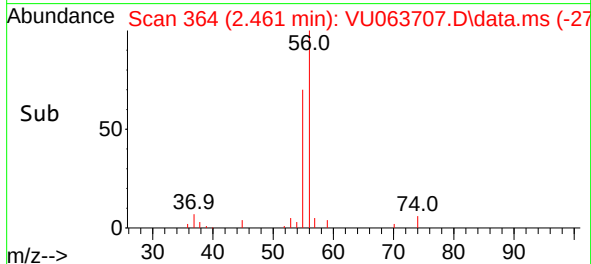
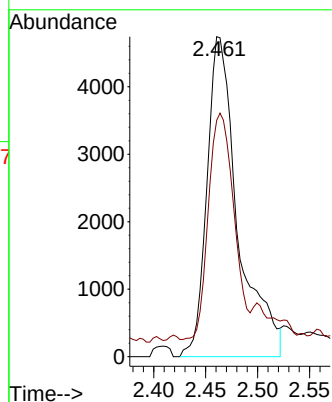
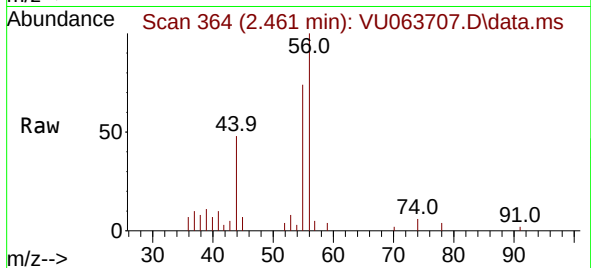
VSTDCCC050EC

Tgt Ion: 56 Resp: 9858

Ion Ratio Lower Upper

56 100

55 57.3 47.1 70.7



#14

Allyl chloride

Concen: 48.146 ug/l

RT: 2.895 min Scan# 499

Delta R.T. 0.000 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

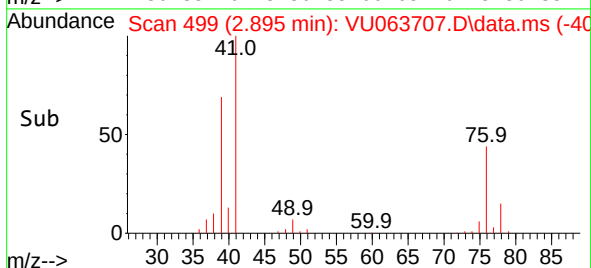
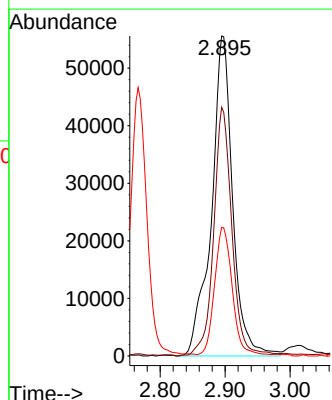
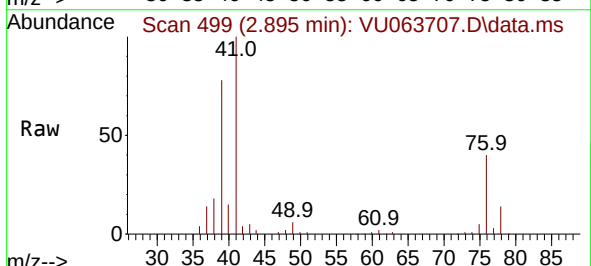
Tgt Ion: 41 Resp: 126578

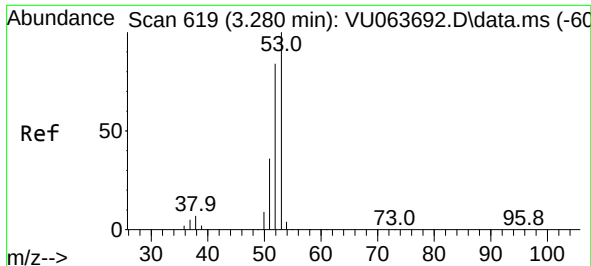
Ion Ratio Lower Upper

41 100

39 66.5 53.1 79.7

76 32.3 26.4 39.6

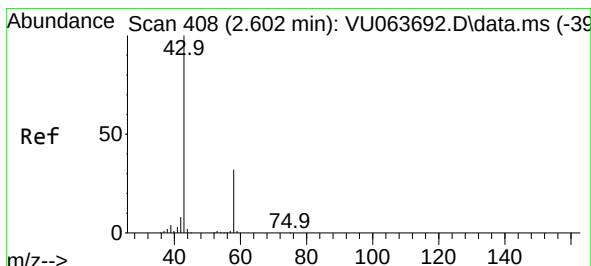
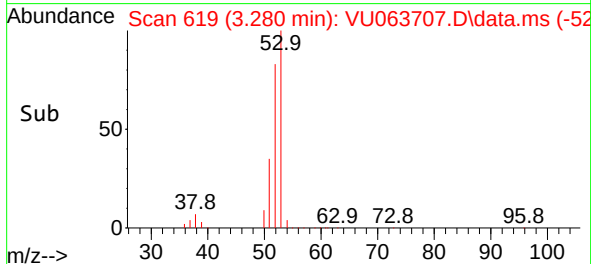
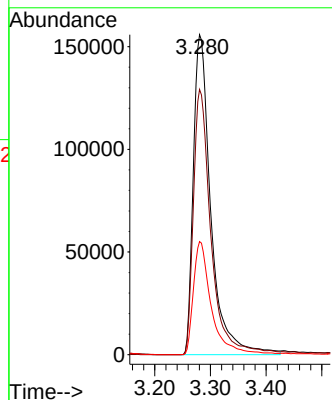
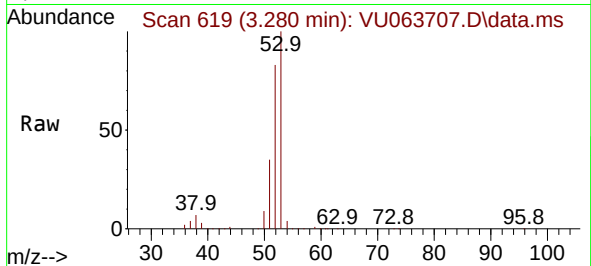




#15
Acrylonitrile
Concen: 267.651 ug/l
RT: 3.280 min Scan# 619
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

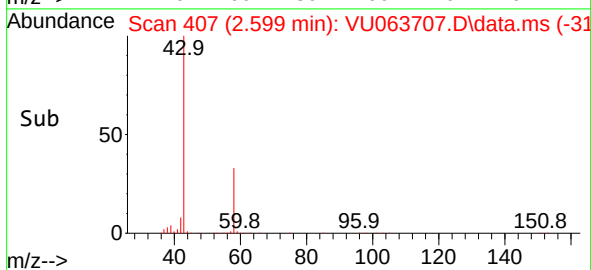
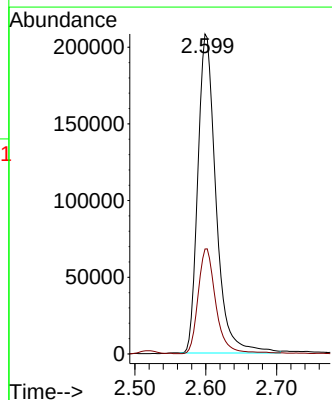
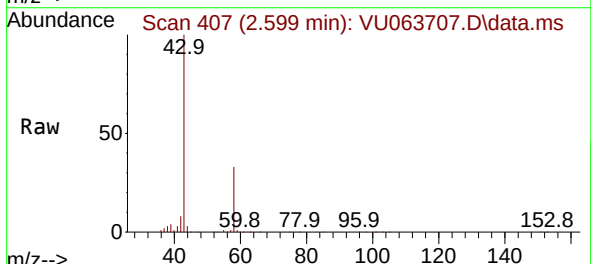
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

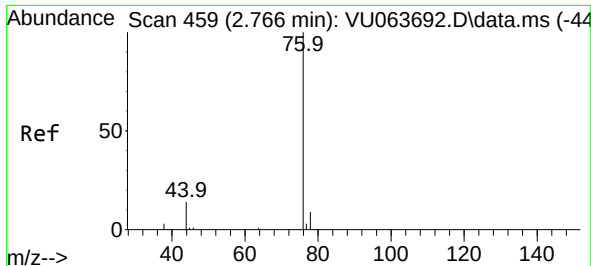
Tgt Ion: 53 Resp: 342496
Ion Ratio Lower Upper
53 100
52 82.1 67.5 101.3
51 35.9 29.0 43.6



#16
Acetone
Concen: 251.441 ug/l
RT: 2.599 min Scan# 407
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 43 Resp: 369907
Ion Ratio Lower Upper
43 100
58 32.8 25.4 38.2

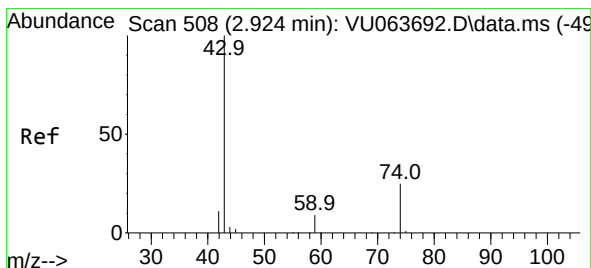
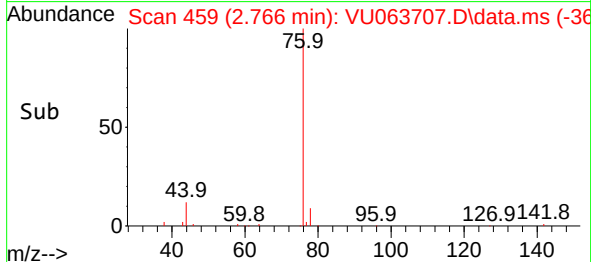
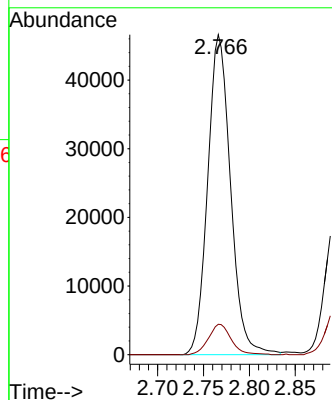
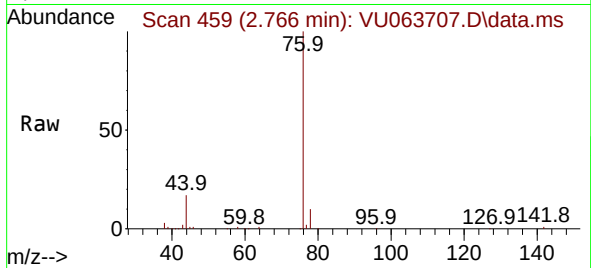




#17
Carbon Disulfide
Concen: 44.991 ug/l
RT: 2.766 min Scan# 459
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

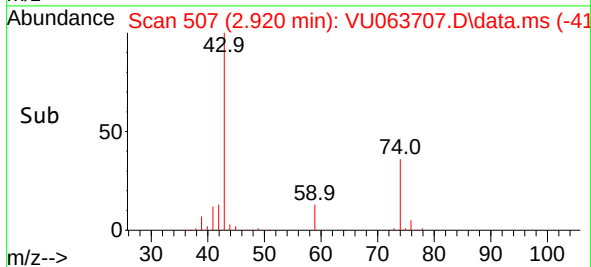
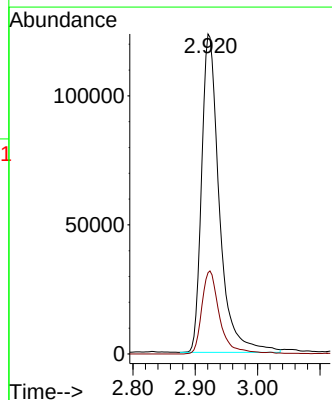
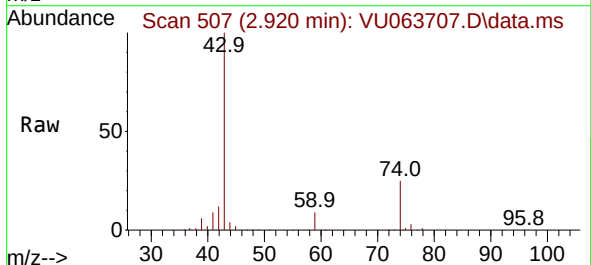
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

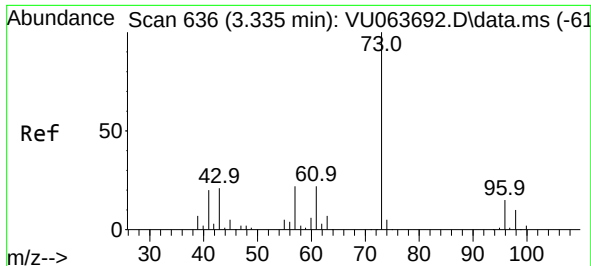
Tgt Ion: 76 Resp: 80828
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 51.824 ug/l
RT: 2.920 min Scan# 507
Delta R.T. -0.004 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 43 Resp: 243971
Ion Ratio Lower Upper
43 100
74 26.1 20.6 31.0

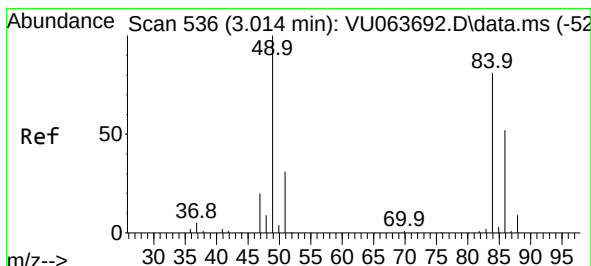
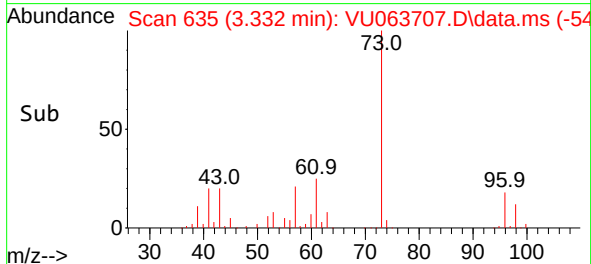
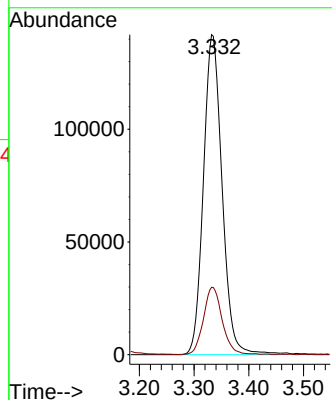
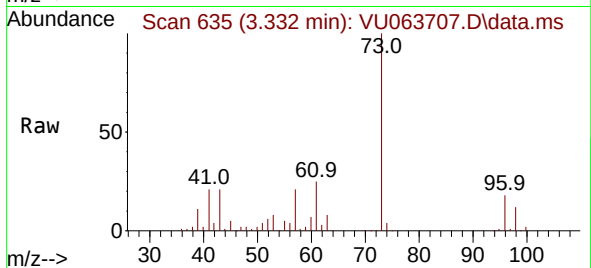




#19
Methyl tert-butyl Ether
Concen: 52.819 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

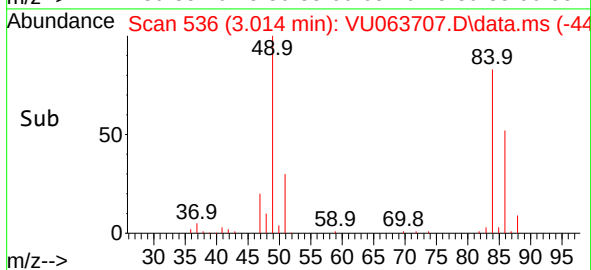
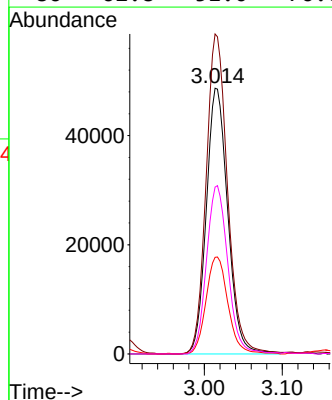
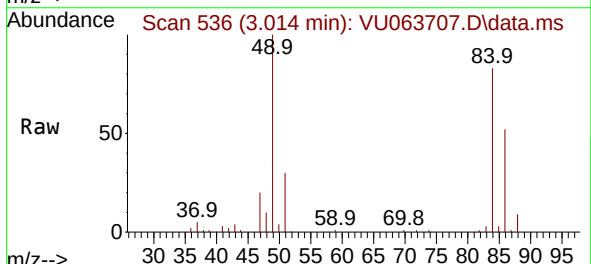
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

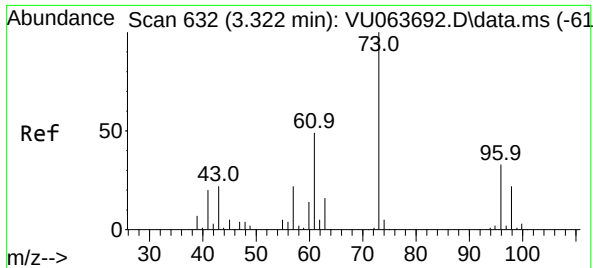
Tgt Ion: 73 Resp: 335953
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.2



#20
Methylene Chloride
Concen: 54.049 ug/l
RT: 3.014 min Scan# 536
Delta R.T. -0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 84 Resp: 93278
Ion Ratio Lower Upper
84 100
49 120.4 98.4 147.6
51 36.4 30.1 45.1
86 62.8 51.0 76.6

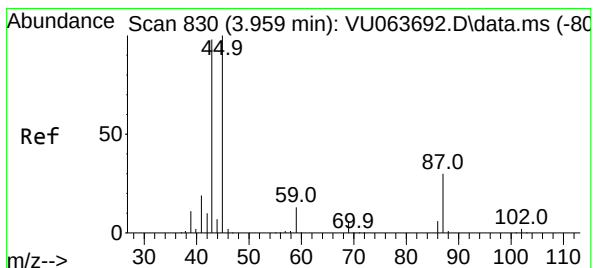
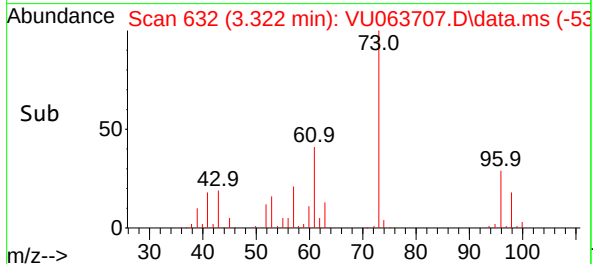
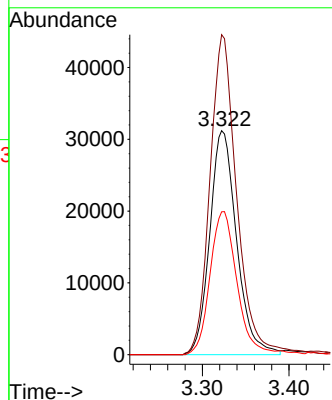
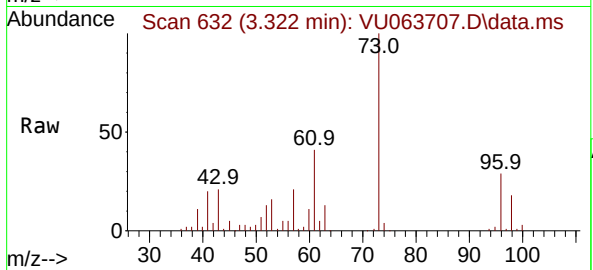




#21
trans-1,2-Dichloroethene
Concen: 46.485 ug/l
RT: 3.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

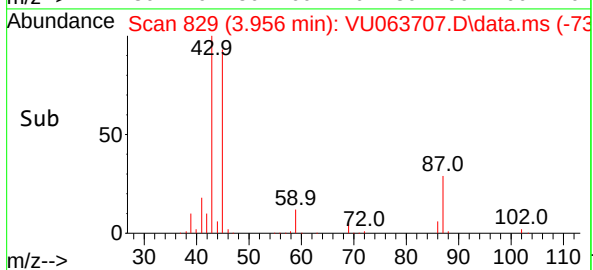
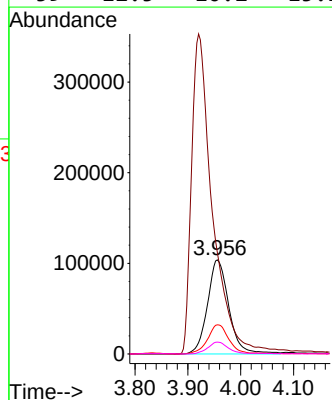
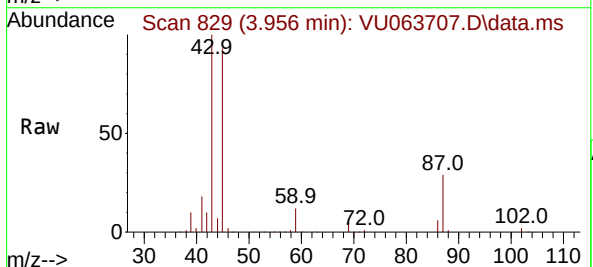
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

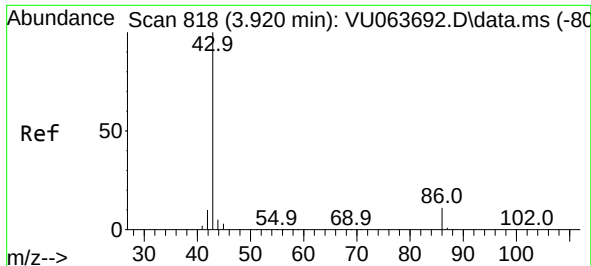
Tgt Ion: 96 Resp: 67276
Ion Ratio Lower Upper
96 100
61 142.8 117.5 176.3
98 63.8 52.7 79.1



#22
Diisopropyl ether
Concen: 50.445 ug/l
RT: 3.956 min Scan# 829
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 45 Resp: 292093
Ion Ratio Lower Upper
45 100
43 107.9 78.1 117.1
87 31.1 23.8 35.8
59 12.5 10.2 15.2

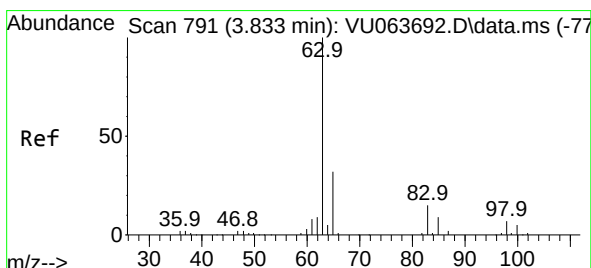
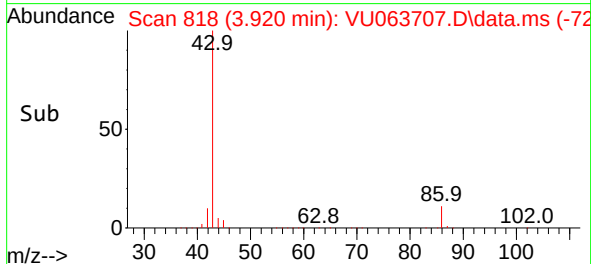
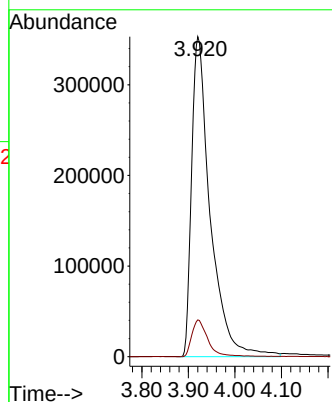
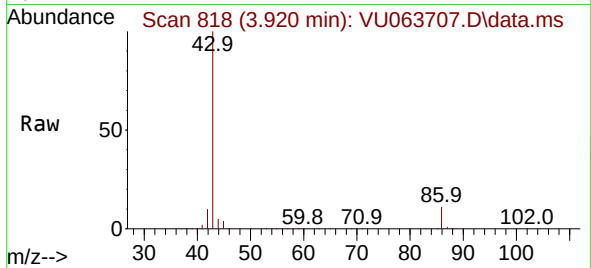




#23
 Vinyl Acetate
 Concen: 248.677 ug/l
 RT: 3.920 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: VU063707.D
 Acq: 11 Nov 2025 15:46

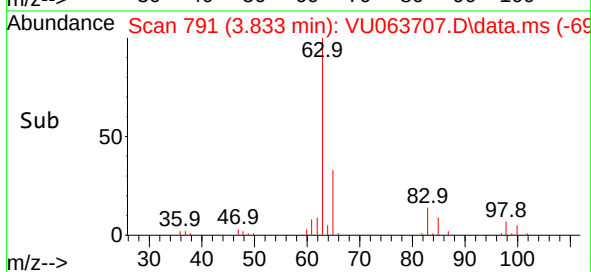
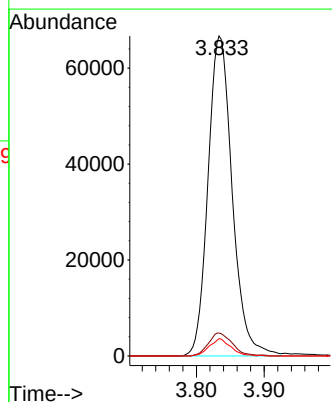
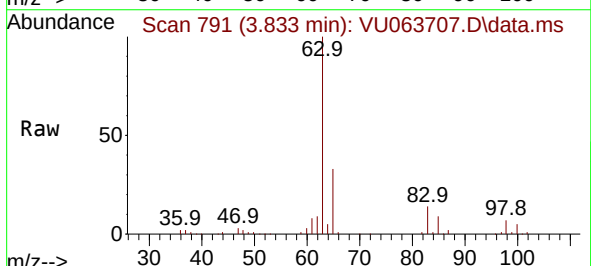
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

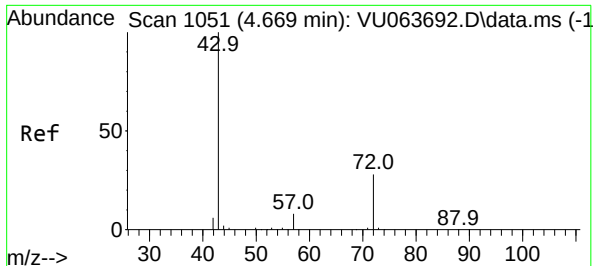
Tgt Ion: 43 Resp: 982006
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 49.592 ug/l
 RT: 3.833 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VU063707.D
 Acq: 11 Nov 2025 15:46

Tgt Ion: 63 Resp: 165615
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 5.4 2.5 7.5

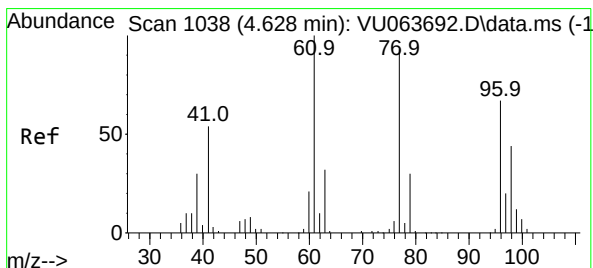
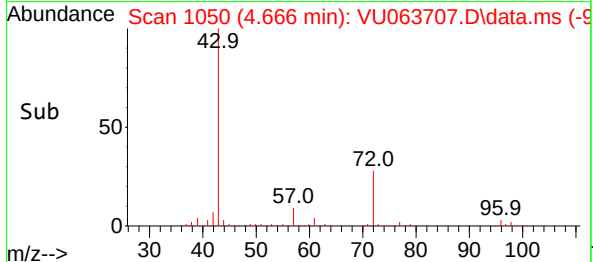
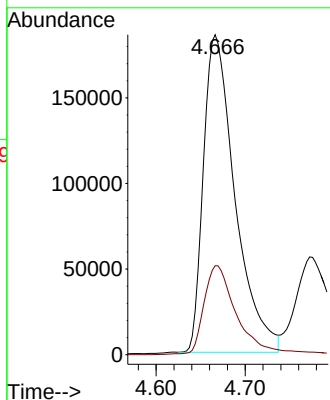
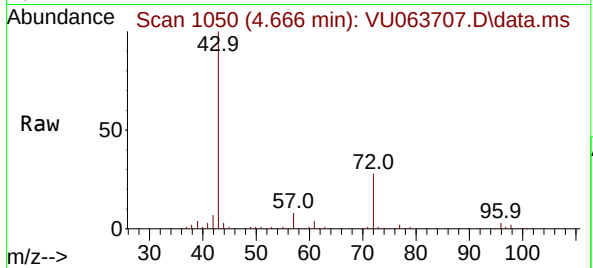




#25
2-Butanone
Concen: 247.781 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

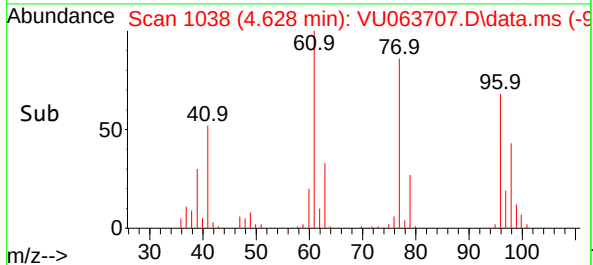
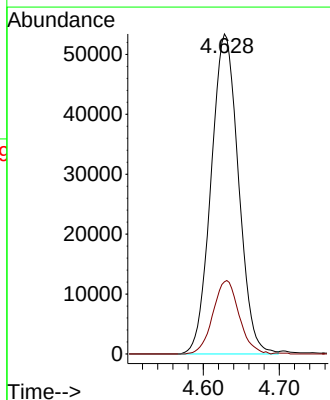
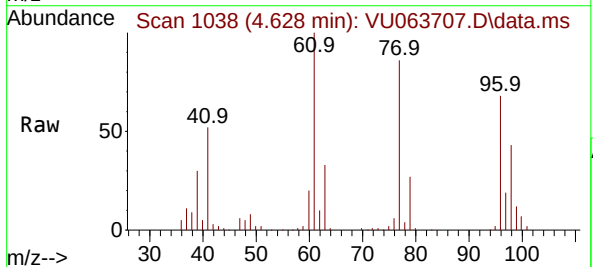
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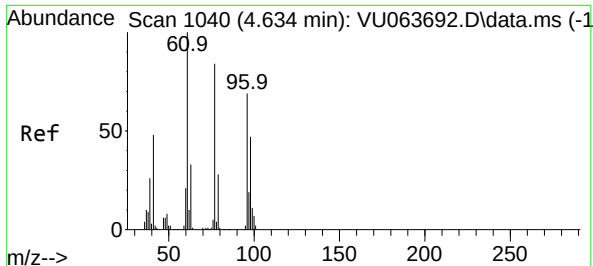
Tgt Ion: 43 Resp: 456892
Ion Ratio Lower Upper
43 100
72 27.7 22.0 33.0



#26
2,2-Dichloropropane
Concen: 46.561 ug/l
RT: 4.628 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 77 Resp: 133548
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9



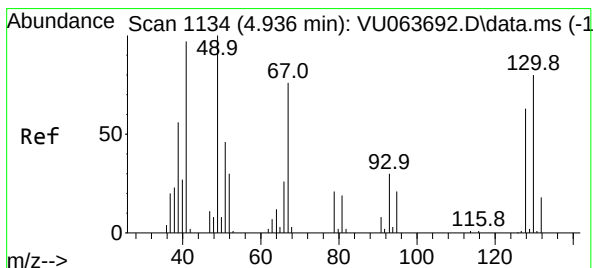
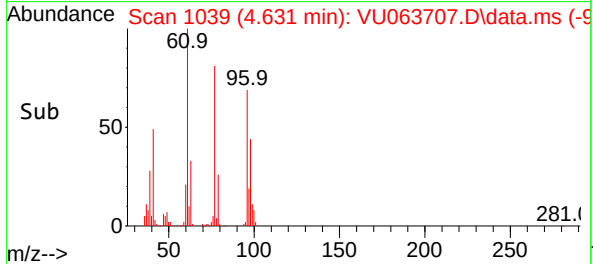
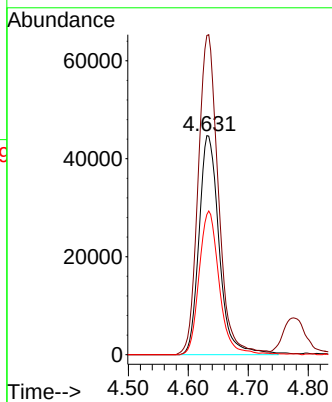
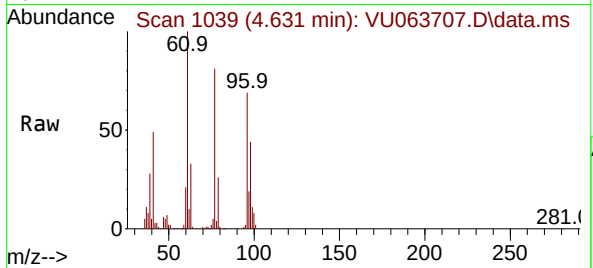


#27
 cis-1,2-Dichloroethene
 Concen: 49.438 ug/l
 RT: 4.631 min Scan# 1039
 Delta R.T. -0.003 min
 Lab File: VU063707.D
 Acq: 11 Nov 2025 15:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 104533

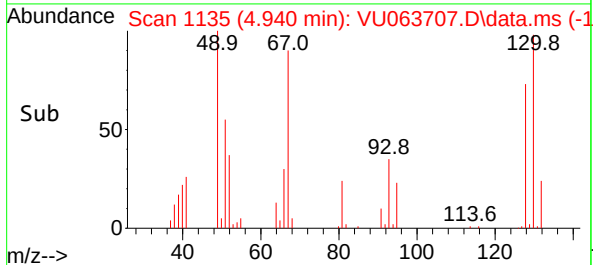
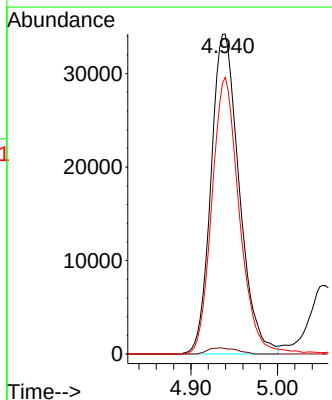
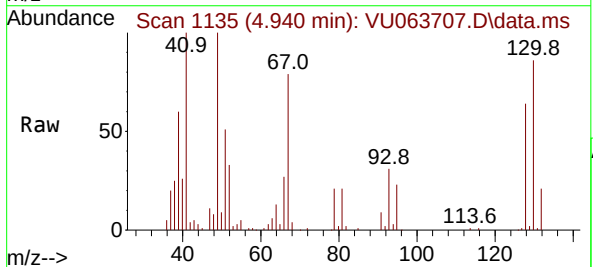
Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	295.4
98	64.9	0.0	131.8

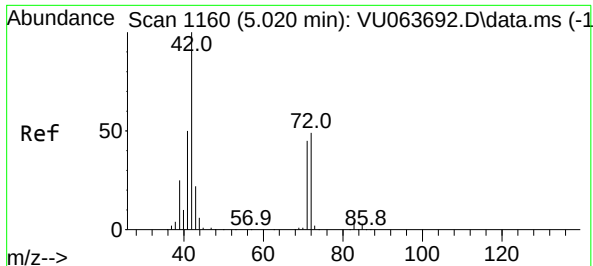


#28
 Bromochloromethane
 Concen: 58.022 ug/l
 RT: 4.940 min Scan# 1135
 Delta R.T. 0.003 min
 Lab File: VU063707.D
 Acq: 11 Nov 2025 15:46

Tgt Ion: 49 Resp: 77542

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	83.9	65.1	97.7

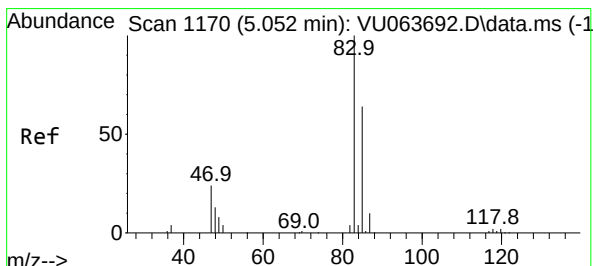
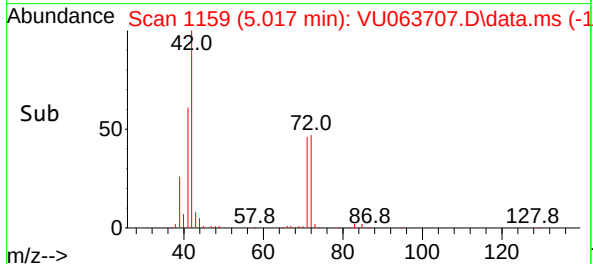
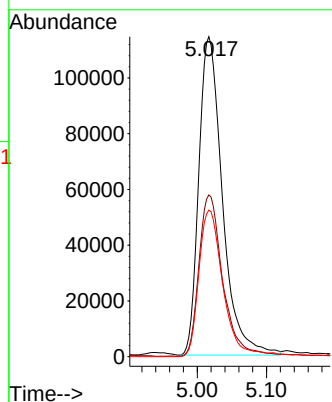
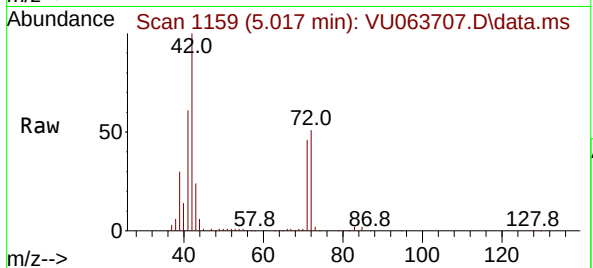




#29
Tetrahydrofuran
Concen: 252.689 ug/l
RT: 5.017 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

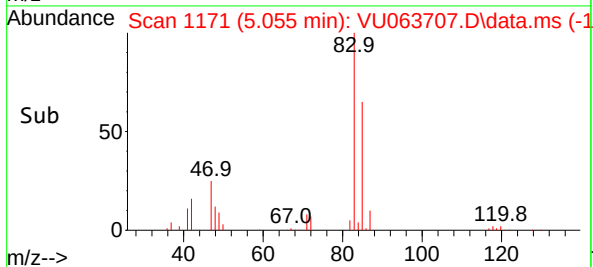
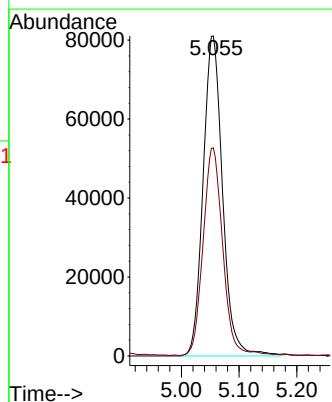
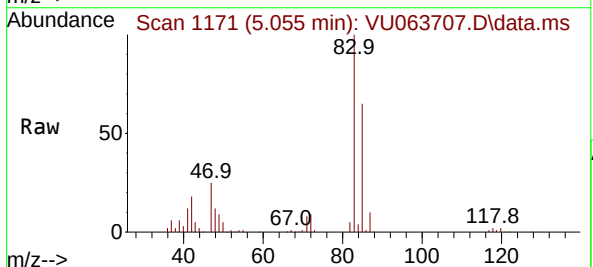
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

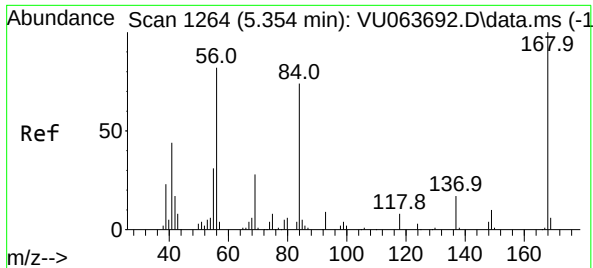
Tgt Ion: 42 Resp: 271123
Ion Ratio Lower Upper
42 100
72 51.2 40.0 60.0
71 46.4 37.4 56.0



#30
Chloroform
Concen: 51.902 ug/l
RT: 5.055 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 83 Resp: 189894
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.6

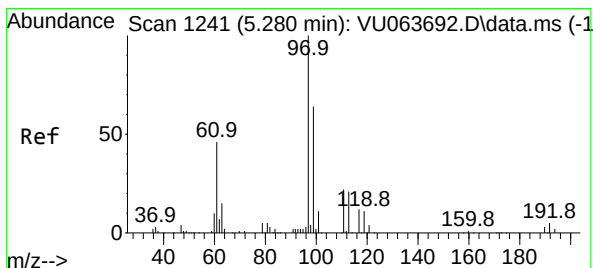
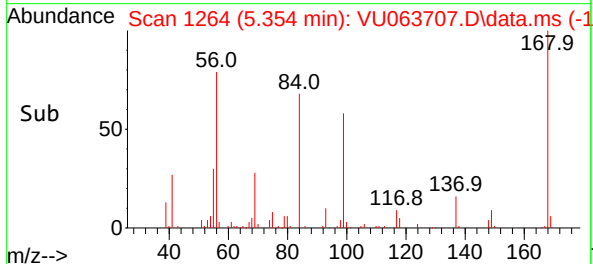
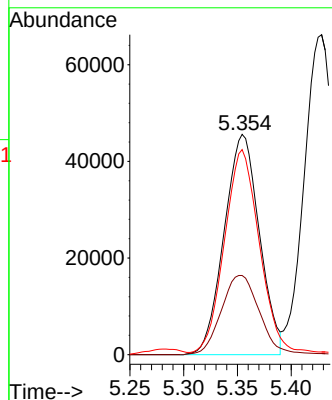
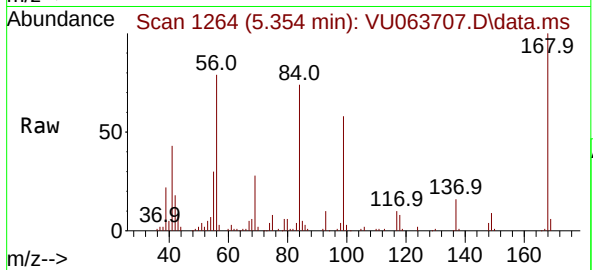




#31
Cyclohexane
Concen: 48.687 ug/l
RT: 5.354 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

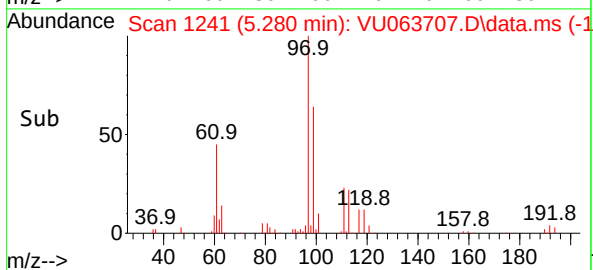
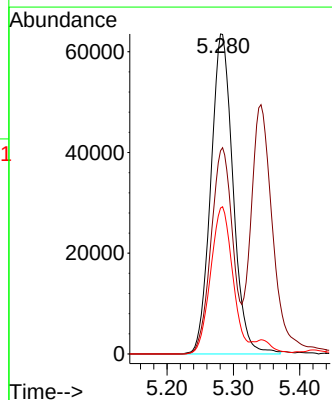
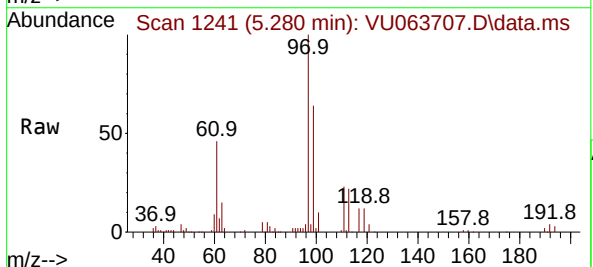
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

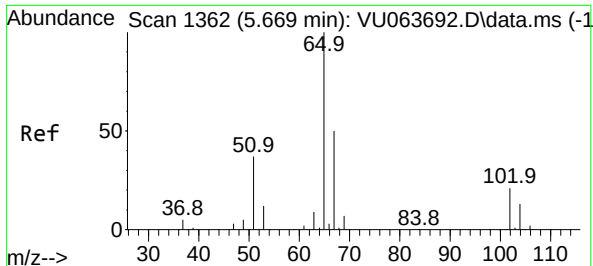
Tgt Ion: 56 Resp: 103808
Ion Ratio Lower Upper
56 100
69 36.0 27.0 40.6
84 91.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.256 ug/l
RT: 5.280 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 97 Resp: 147879
Ion Ratio Lower Upper
97 100
99 62.6 49.8 74.8
61 45.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 49.887 ug/l

RT: 5.669 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

Instrument :

MSVOA_U

ClientSampleId :

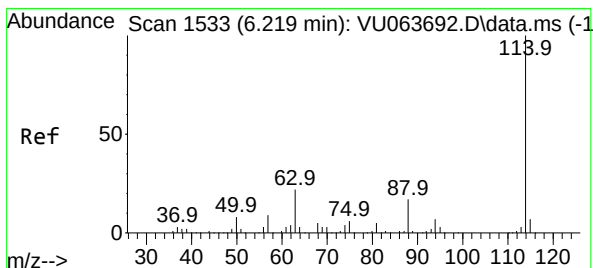
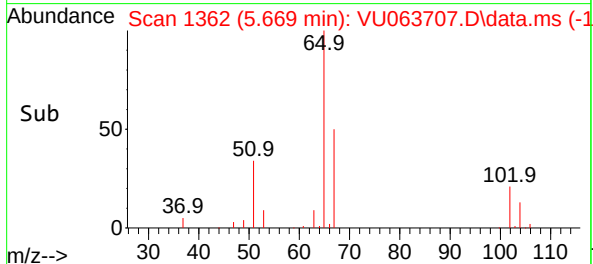
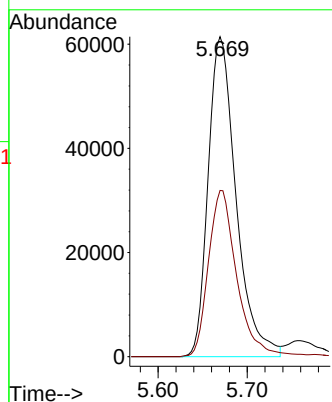
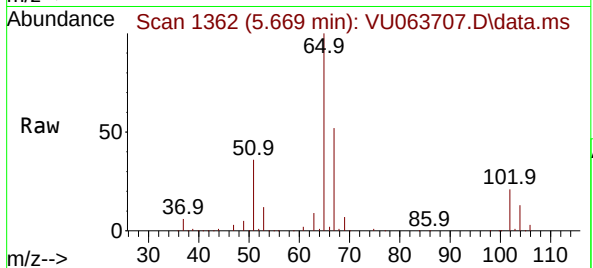
VSTDCCC050EC

Tgt Ion: 65 Resp: 133600

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.219 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

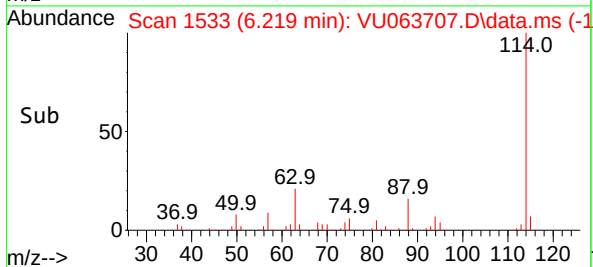
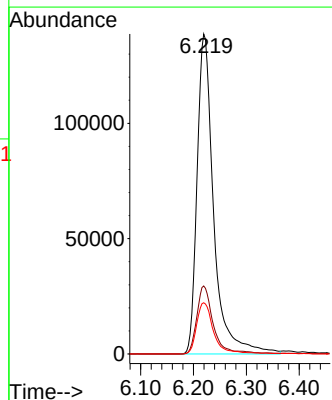
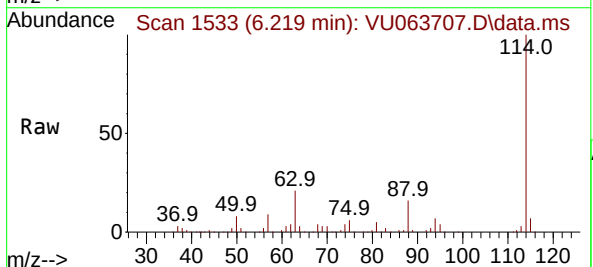
Tgt Ion: 114 Resp: 302912

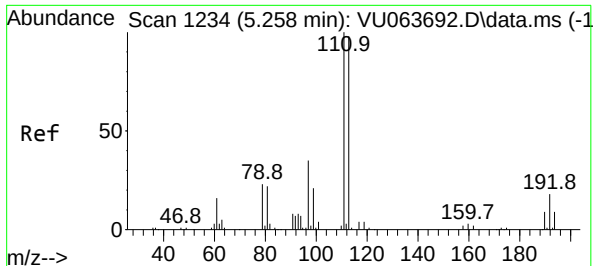
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 16.0 0.0 33.6

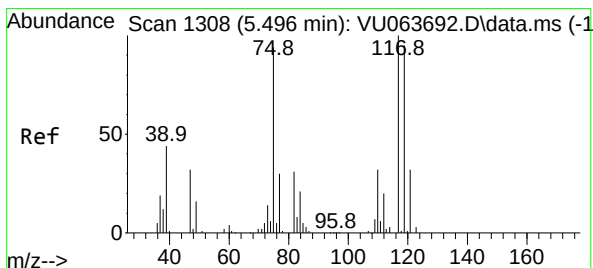
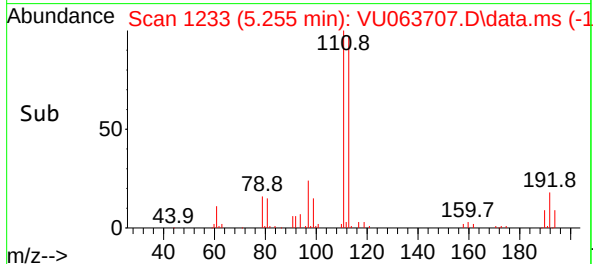
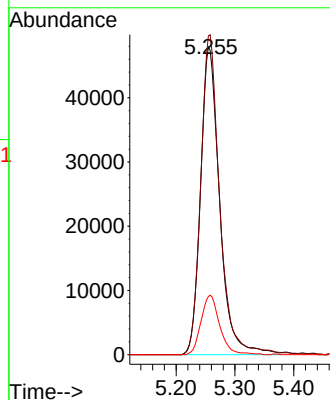
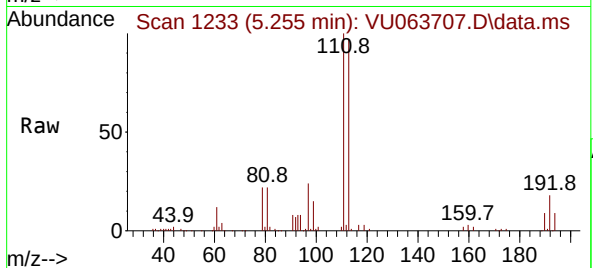




#35
Dibromofluoromethane
Concen: 51.040 ug/l
RT: 5.255 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

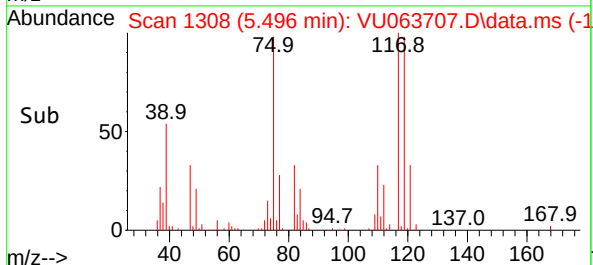
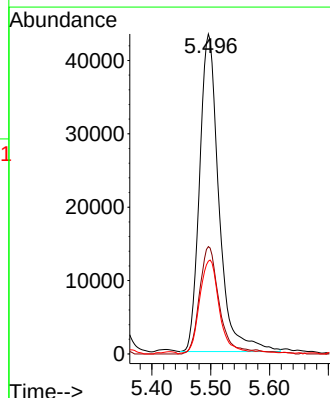
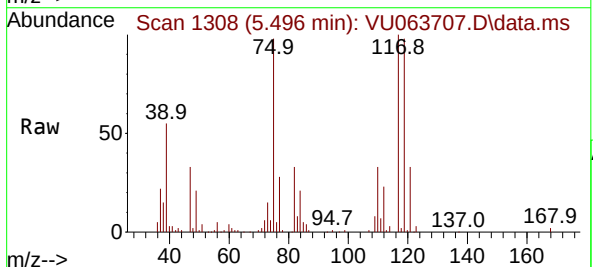
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

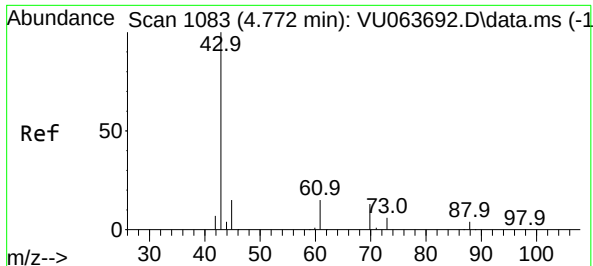
Tgt Ion:113 Resp: 108287
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 18.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 45.879 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 75 Resp: 99069
Ion Ratio Lower Upper
75 100
110 34.2 17.3 51.7
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 49.945 ug/l

RT: 4.772 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

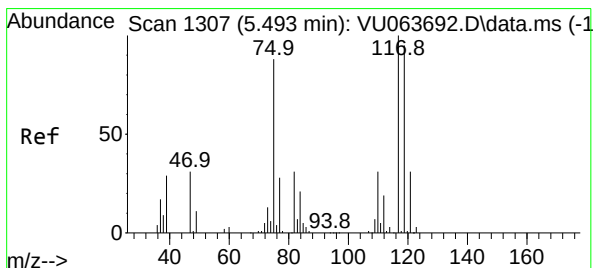
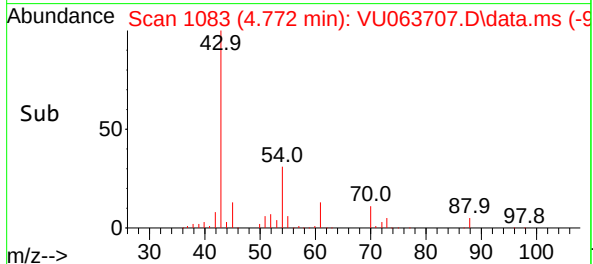
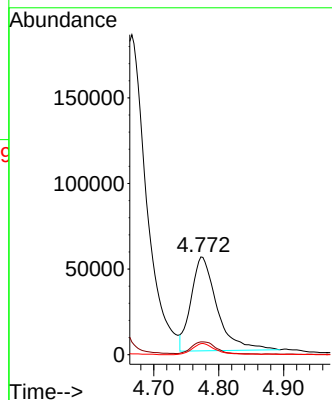
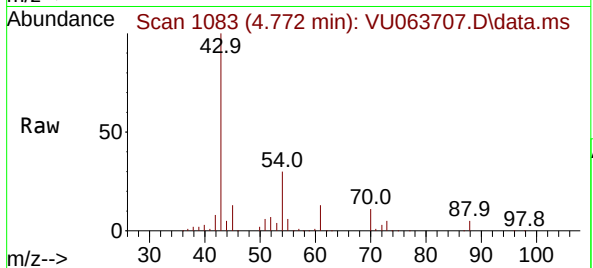
Tgt Ion: 43 Resp: 152713

Ion Ratio Lower Upper

43 100

61 11.9 10.3 15.5

70 10.5 8.9 13.3



#38

Carbon Tetrachloride

Concen: 44.896 ug/l

RT: 5.493 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

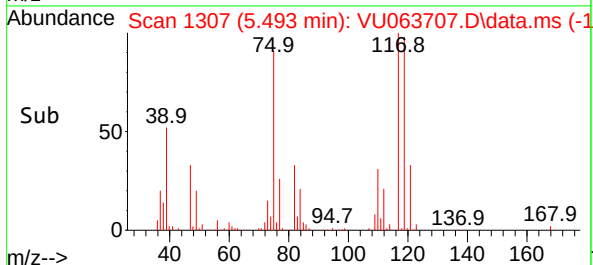
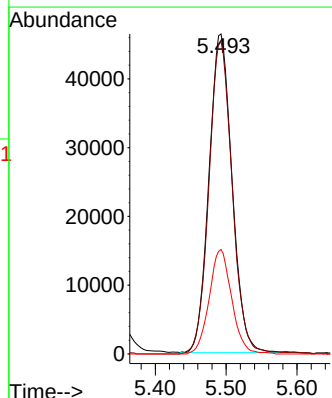
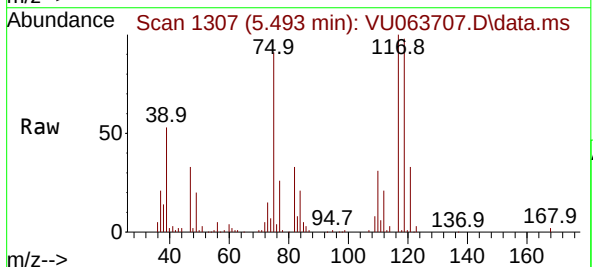
Tgt Ion: 117 Resp: 104782

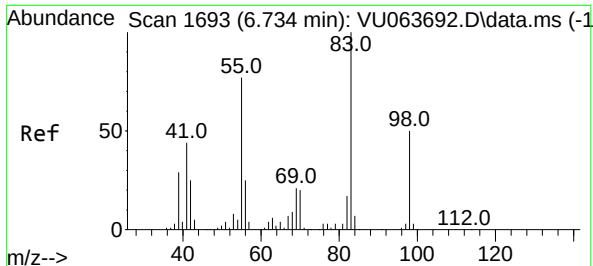
Ion Ratio Lower Upper

117 100

119 98.2 76.1 114.1

121 32.8 24.6 37.0





#39

Methylcyclohexane

Concen: 47.093 ug/l

RT: 6.734 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

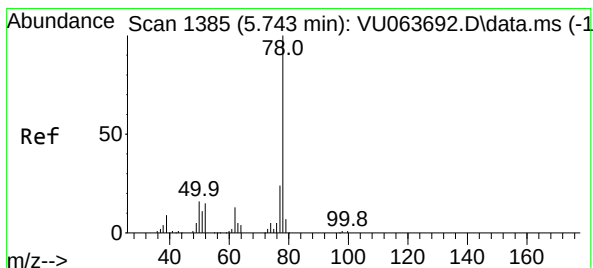
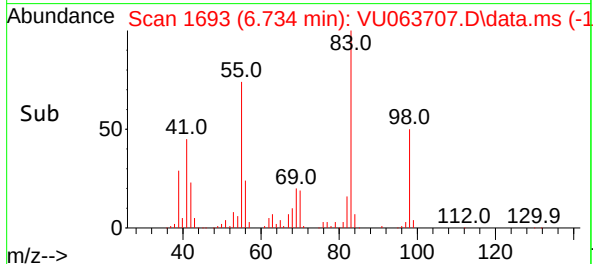
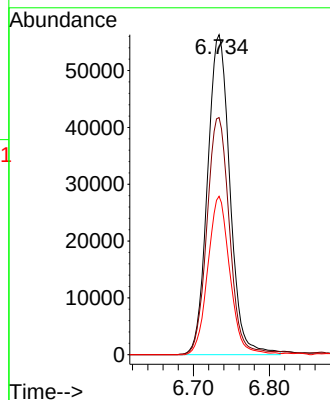
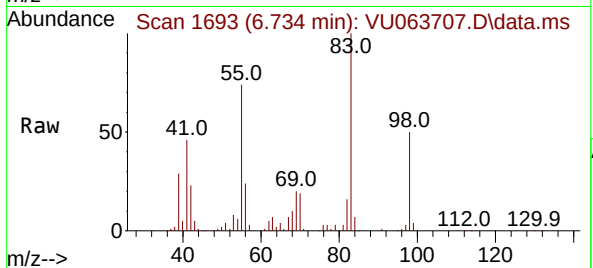
Tgt Ion: 83 Resp: 115455

Ion Ratio Lower Upper

83 100

55 73.9 61.6 92.4

98 49.5 40.0 60.0



#40

Benzene

Concen: 48.769 ug/l

RT: 5.743 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU063707.D

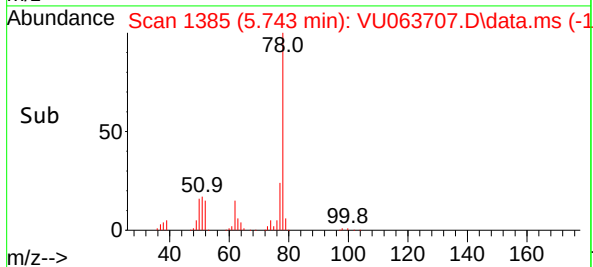
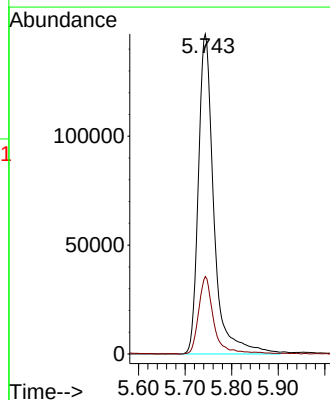
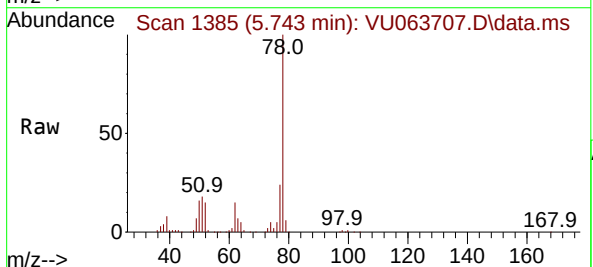
Acq: 11 Nov 2025 15:46

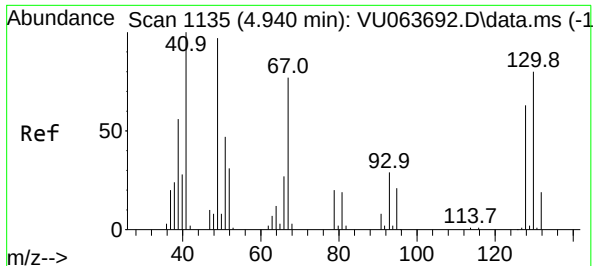
Tgt Ion: 78 Resp: 339835

Ion Ratio Lower Upper

78 100

77 24.2 18.9 28.3



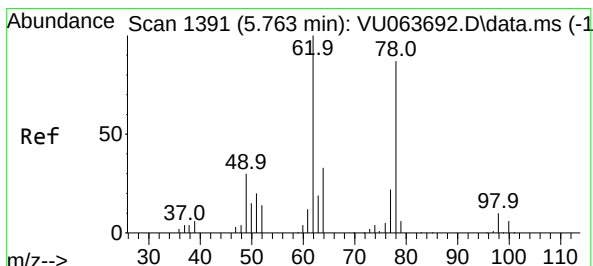
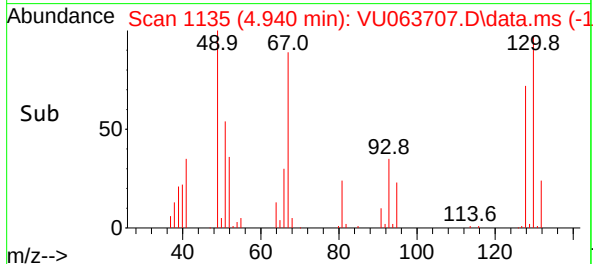
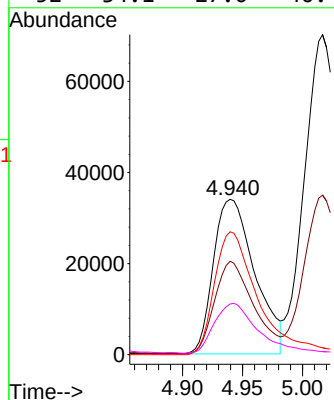
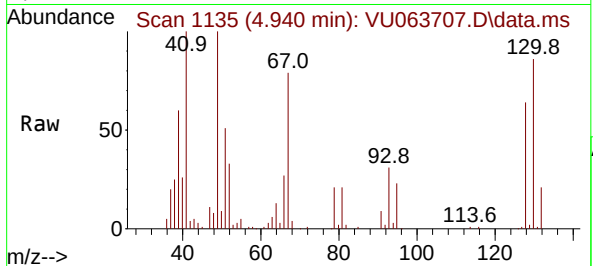


#41
Methacrylonitrile
Concen: 51.358 ug/l
RT: 4.940 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 81614

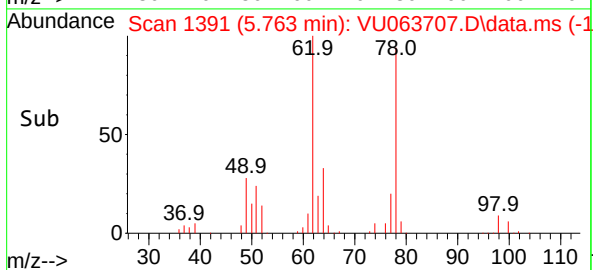
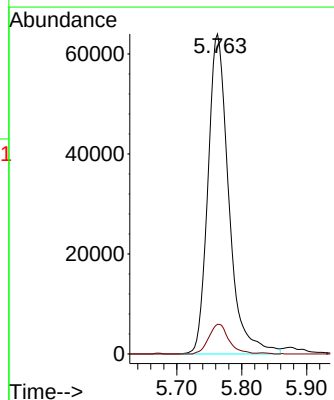
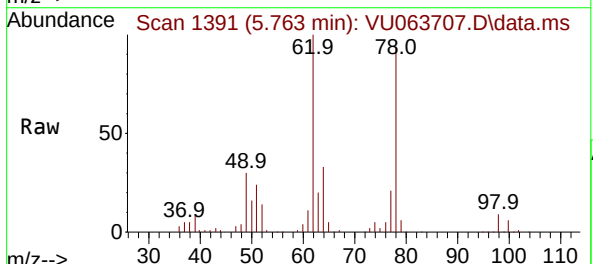
Ion	Ratio	Lower	Upper
41	100		
39	56.0	44.7	67.1
67	85.7	67.4	101.2
52	34.1	27.0	40.4

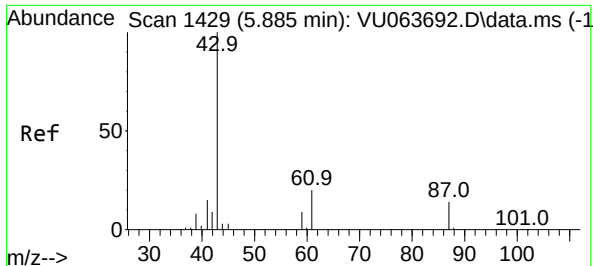


#42
1,2-Dichloroethane
Concen: 52.011 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 62 Resp: 142941

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2

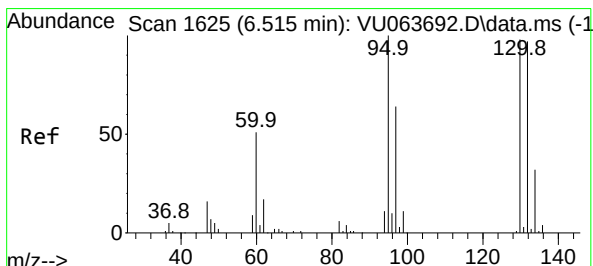
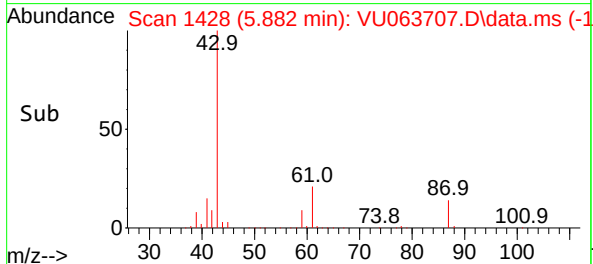
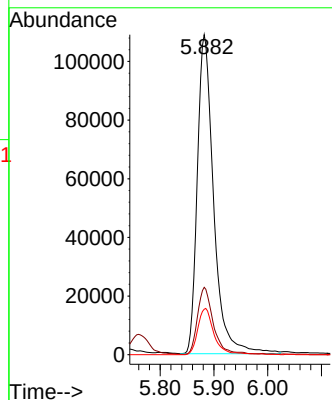
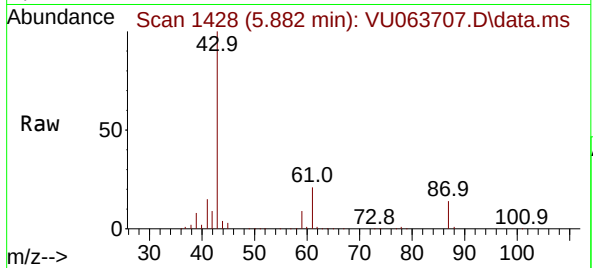




#43
Isopropyl Acetate
Concen: 51.288 ug/l
RT: 5.882 min Scan# 1429
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

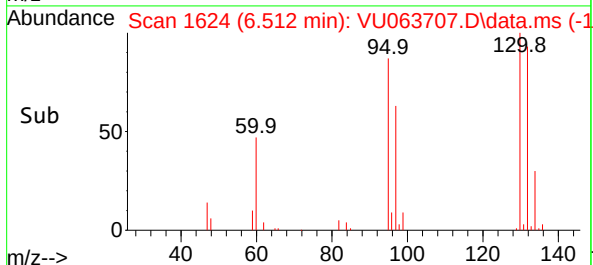
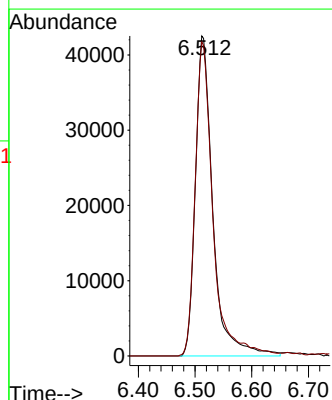
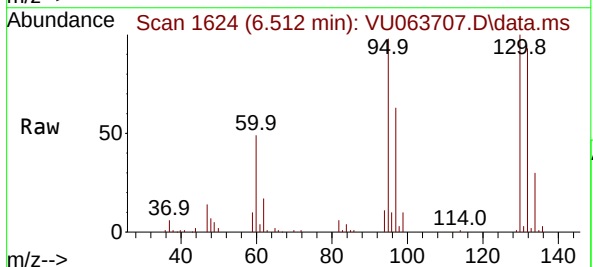
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

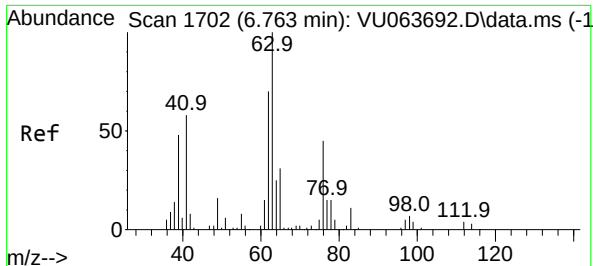
Tgt Ion: 43 Resp: 229853
Ion Ratio Lower Upper
43 100
61 20.3 15.9 23.9
87 14.5 11.0 16.6



#44
Trichloroethene
Concen: 46.382 ug/l
RT: 6.512 min Scan# 1624
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion:130 Resp: 90677
Ion Ratio Lower Upper
130 100
95 97.9 0.0 203.6





#45

1,2-Dichloropropane

Concen: 50.378 ug/l

RT: 6.759 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

Instrument :

MSVOA_U

ClientSampleId :

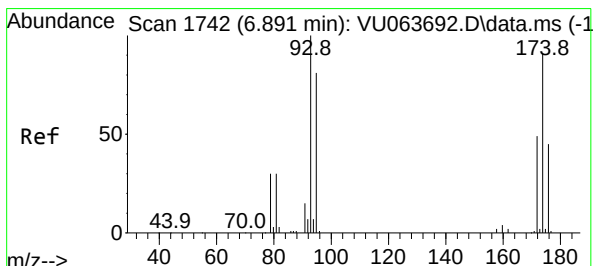
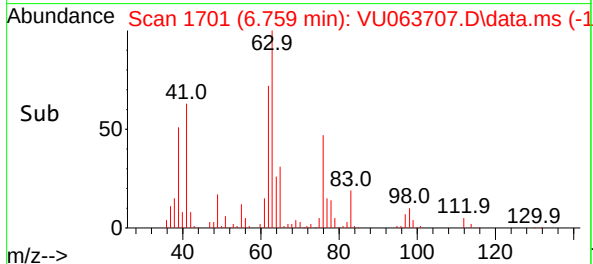
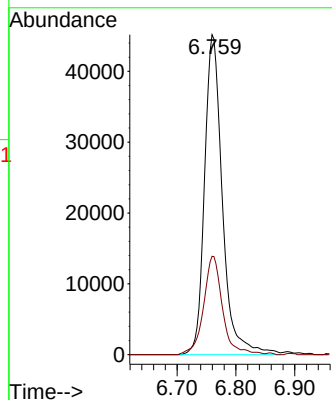
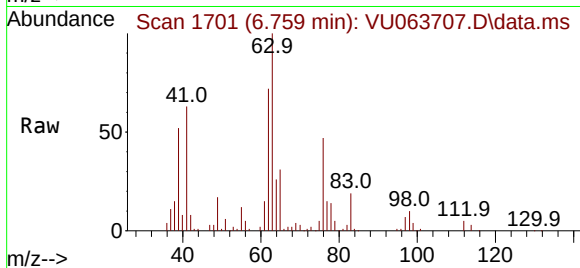
VSTDCCC050EC

Tgt Ion: 63 Resp: 95429

Ion Ratio Lower Upper

63 100

65 30.7 24.9 37.3



#46

Dibromomethane

Concen: 51.071 ug/l

RT: 6.888 min Scan# 1741

Delta R.T. -0.003 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

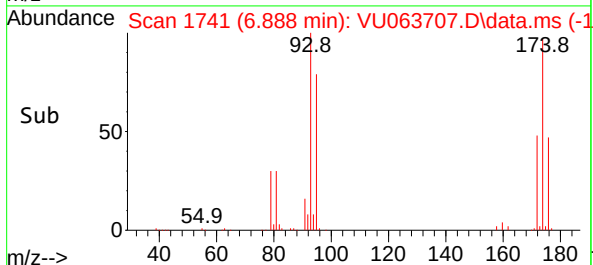
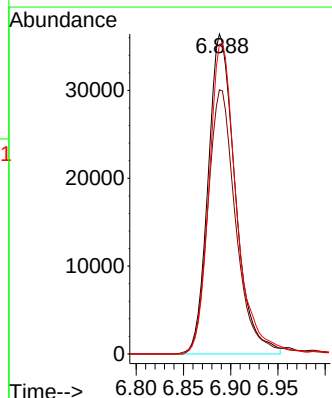
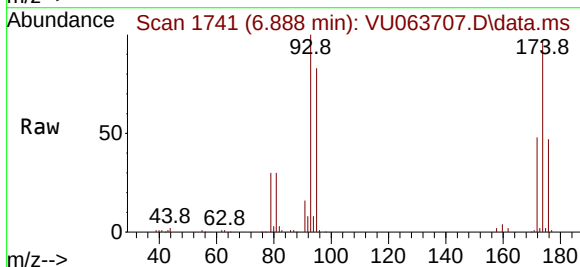
Tgt Ion: 93 Resp: 72641

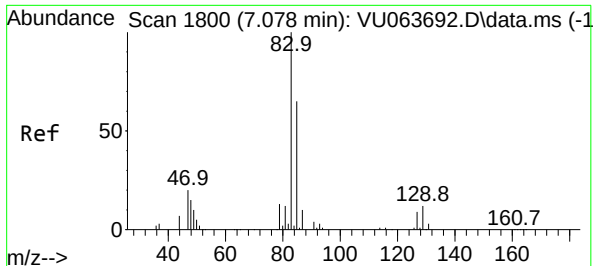
Ion Ratio Lower Upper

93 100

95 85.7 65.9 98.9

174 98.1 74.9 112.3

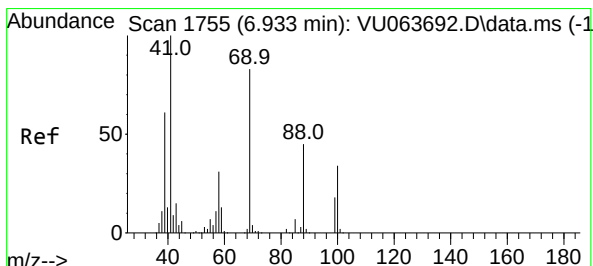
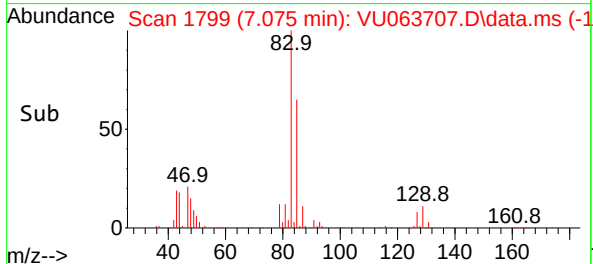
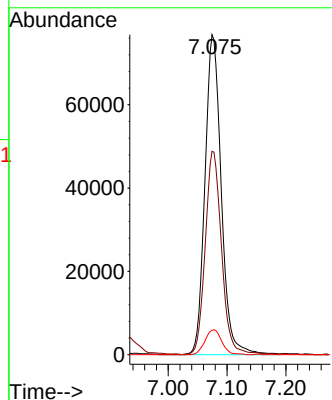
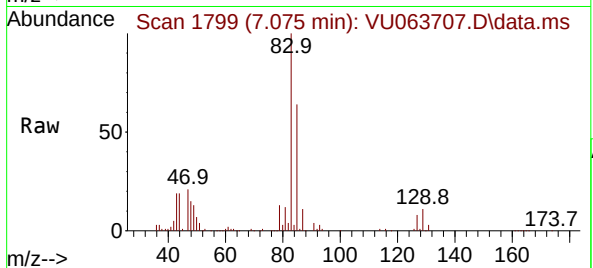




#47
Bromodichloromethane
Concen: 51.401 ug/l
RT: 7.075 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

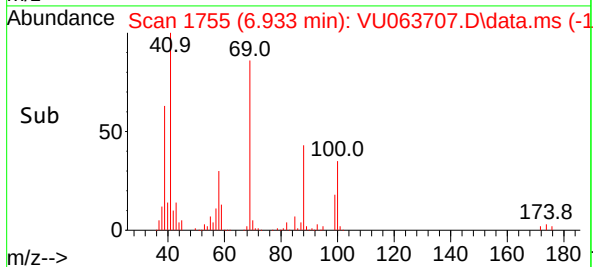
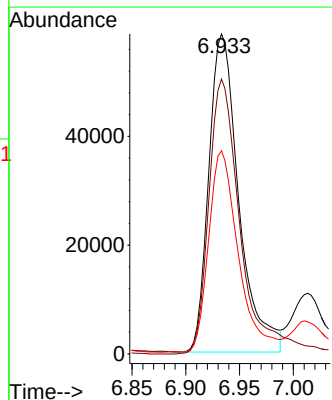
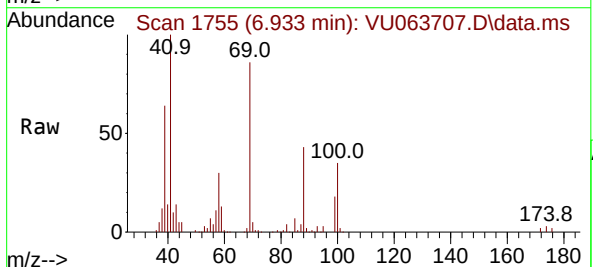
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

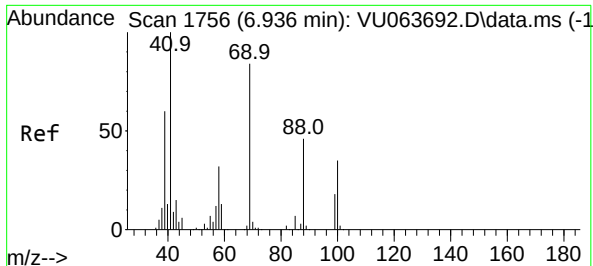
Tgt Ion: 83 Resp: 148224
Ion Ratio Lower Upper
83 100
85 63.5 51.9 77.9
127 7.6 6.9 10.3



#48
Methyl methacrylate
Concen: 51.630 ug/l
RT: 6.933 min Scan# 1755
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 41 Resp: 113578
Ion Ratio Lower Upper
41 100
69 92.0 72.9 109.3
39 62.6 51.0 76.4





#49

1,4-Dioxane

Concen: 974.378 ug/l

RT: 6.936 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

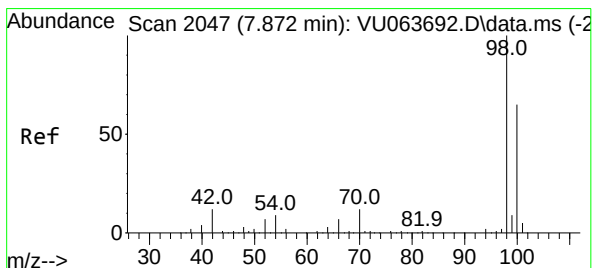
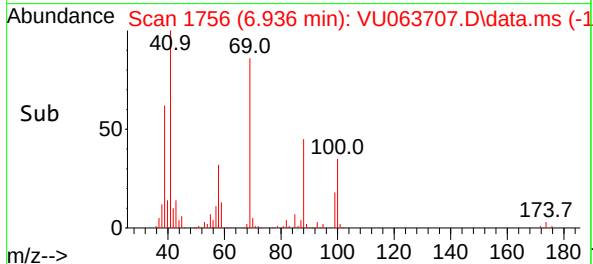
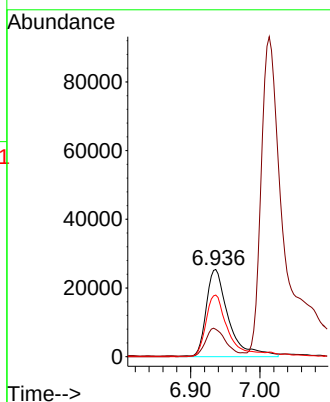
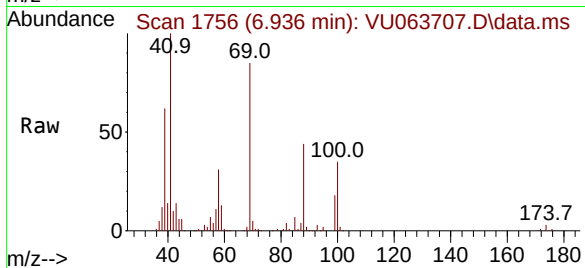
Tgt Ion: 88 Resp: 56788

Ion Ratio Lower Upper

88 100

43 29.4 24.1 36.1

58 69.2 54.2 81.4



#50

Toluene-d8

Concen: 47.348 ug/l

RT: 7.872 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VU063707.D

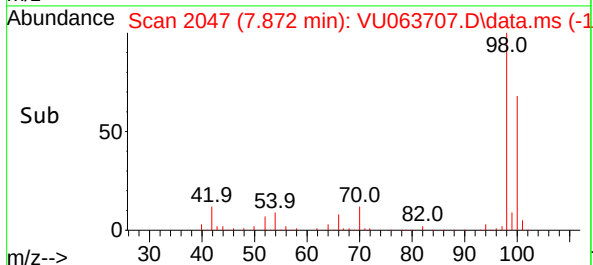
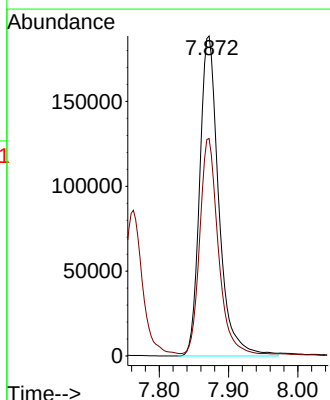
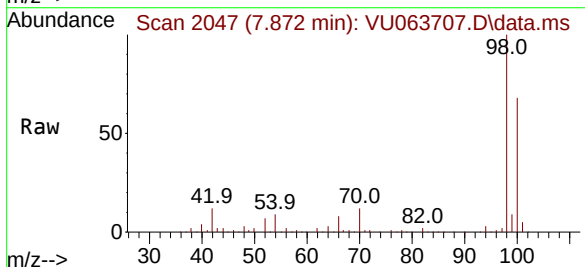
Acq: 11 Nov 2025 15:46

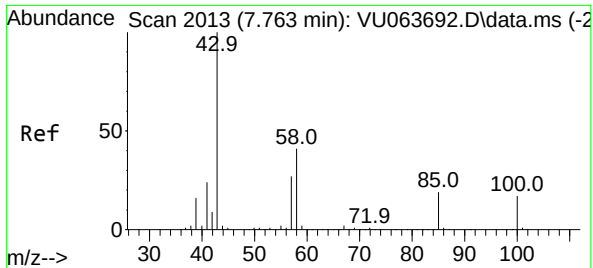
Tgt Ion: 98 Resp: 360878

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7

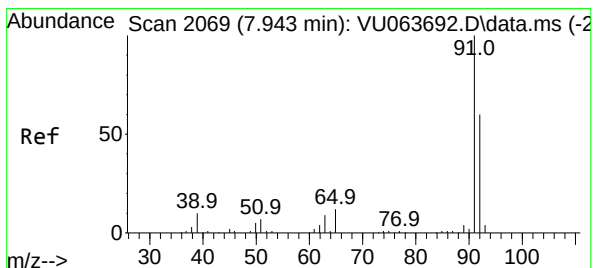
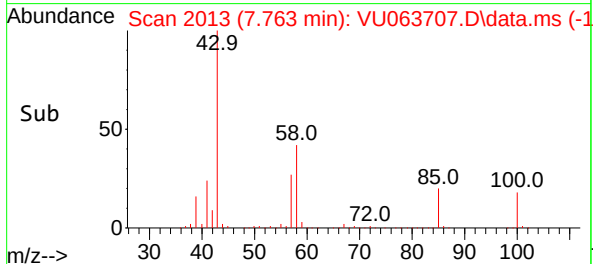
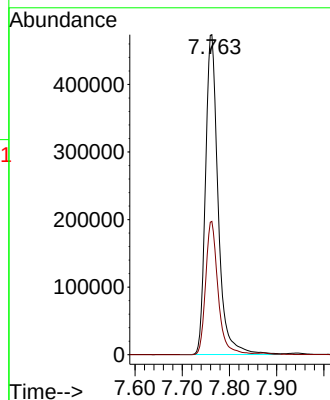
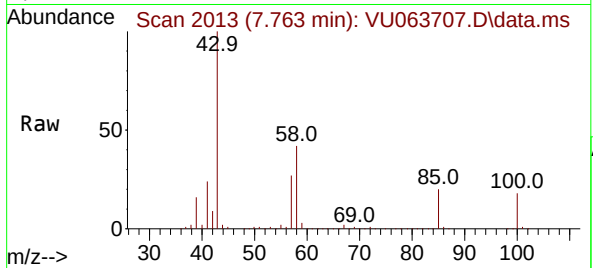




#51
4-Methyl-2-Pentanone
Concen: 256.948 ug/l
RT: 7.763 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

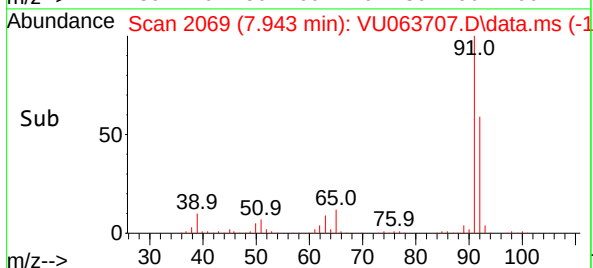
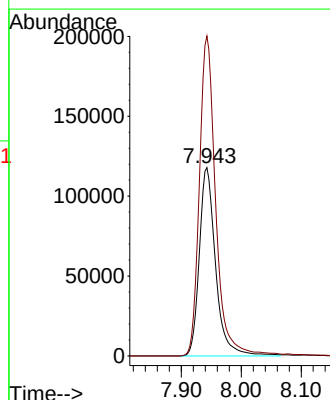
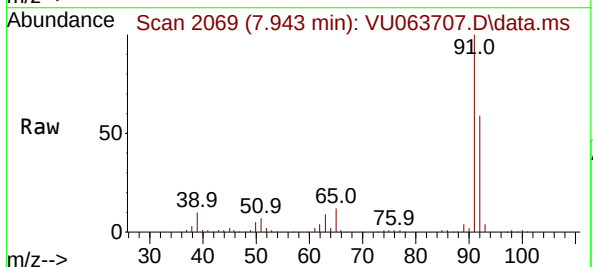
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

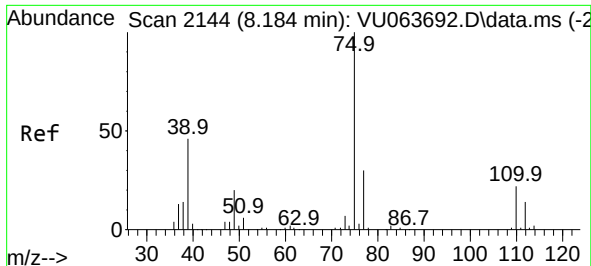
Tgt Ion: 43 Resp: 881202
Ion Ratio Lower Upper
43 100
58 40.9 32.3 48.5



#52
Toluene
Concen: 49.488 ug/l
RT: 7.943 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 92 Resp: 223796
Ion Ratio Lower Upper
92 100
91 170.0 136.6 204.8

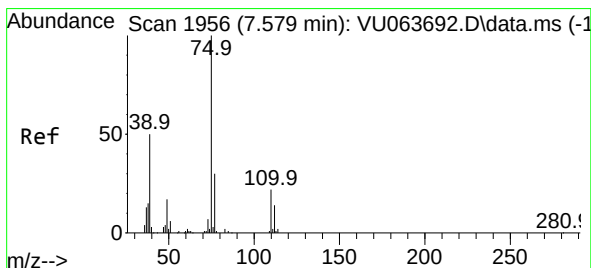
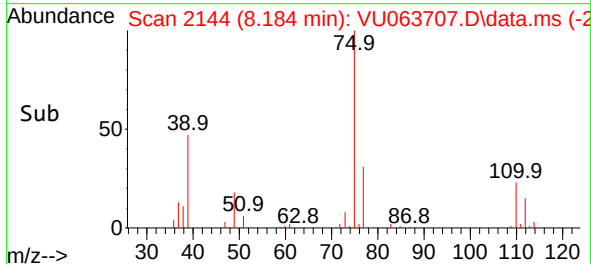
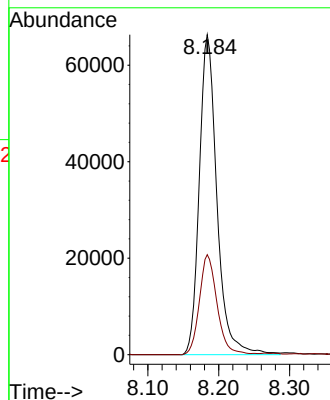
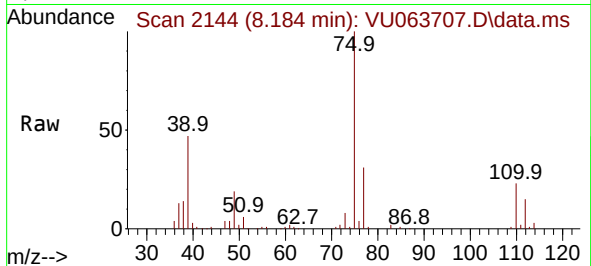




#53
 t-1,3-Dichloropropene
 Concen: 47.176 ug/l
 RT: 8.184 min Scan# 2144
 Delta R.T. 0.000 min
 Lab File: VU063707.D
 Acq: 11 Nov 2025 15:46

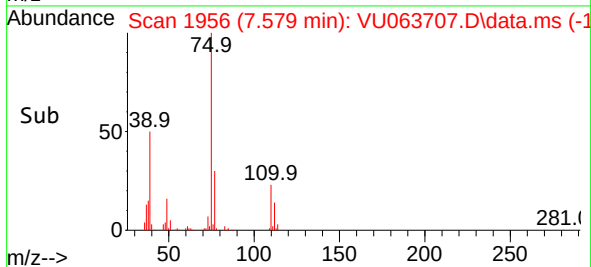
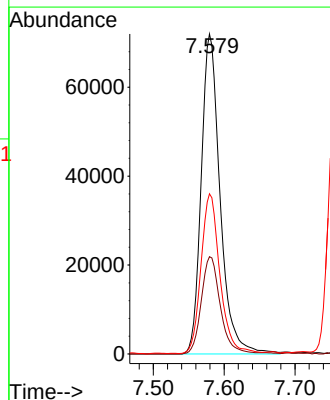
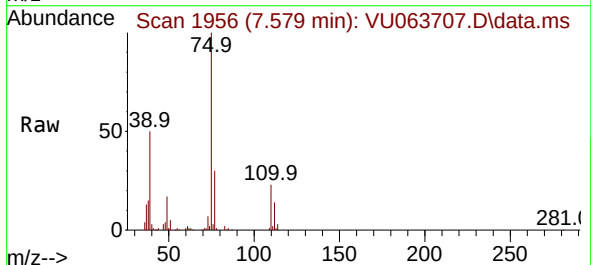
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

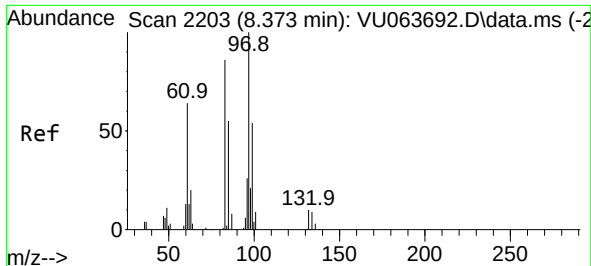
Tgt Ion: 75 Resp: 114558
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 48.908 ug/l
 RT: 7.579 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VU063707.D
 Acq: 11 Nov 2025 15:46

Tgt Ion: 75 Resp: 133111
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.3 36.5
 39 49.9 40.2 60.2



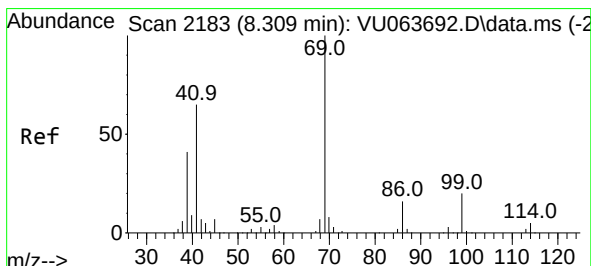
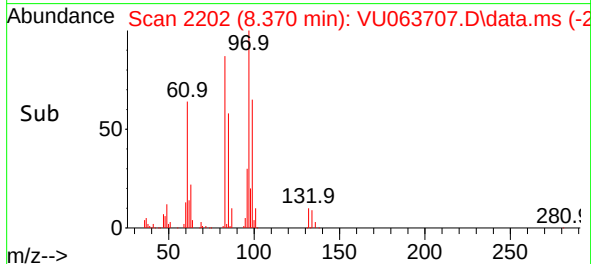
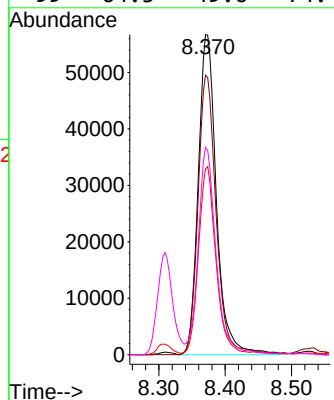
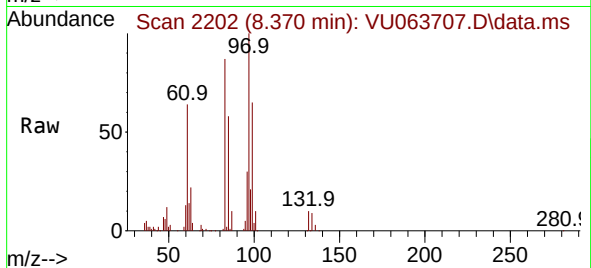


#55
1,1,2-Trichloroethane
Concen: 52.038 ug/l
RT: 8.370 min Scan# 2183
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 107992

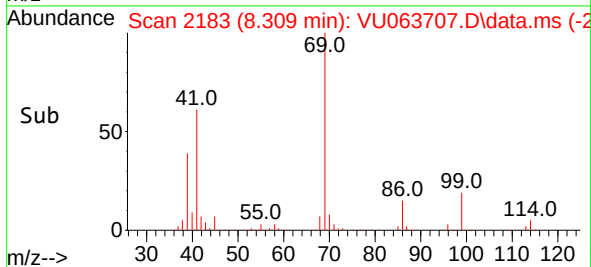
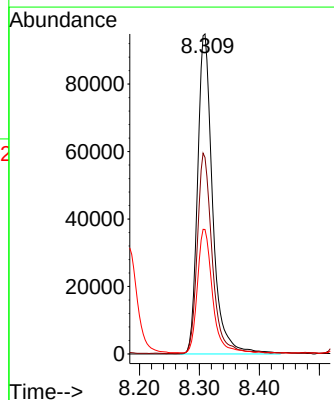
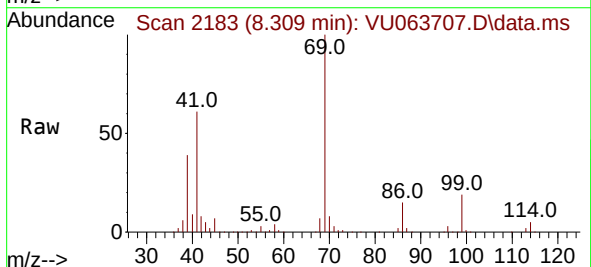
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.0	103.4
85	57.7	44.2	66.4
99	64.3	49.6	74.4

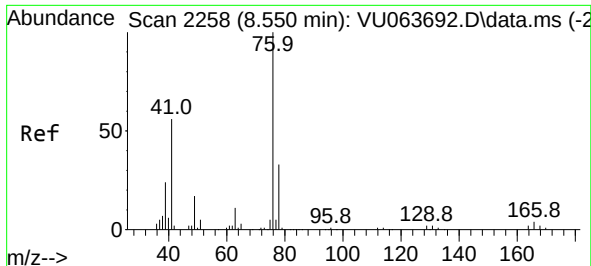


#56
Ethyl methacrylate
Concen: 54.228 ug/l
RT: 8.309 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 69 Resp: 166049

Ion	Ratio	Lower	Upper
69	100		
41	62.4	51.4	77.2
39	38.5	32.2	48.4





#57

1,3-Dichloropropane

Concen: 51.647 ug/l

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

Instrument :

MSVOA_U

ClientSampleId :

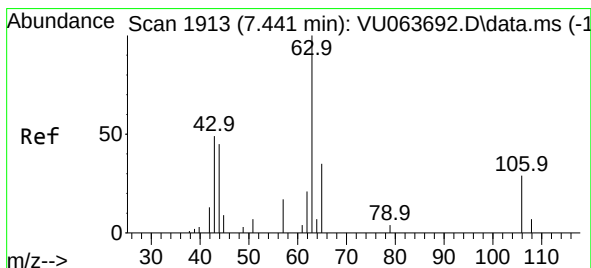
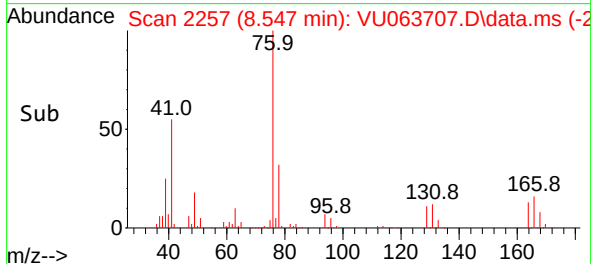
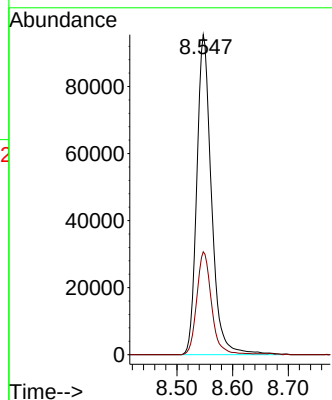
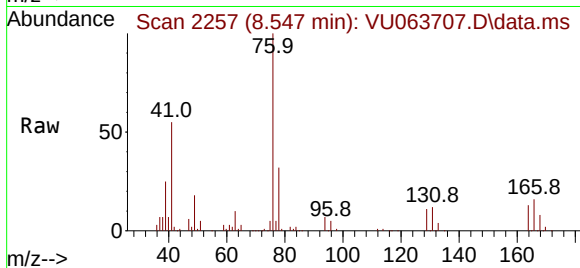
VSTDCCC050EC

Tgt Ion: 76 Resp: 174857

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 231.448 ug/l

RT: 7.441 min Scan# 1913

Delta R.T. 0.000 min

Lab File: VU063707.D

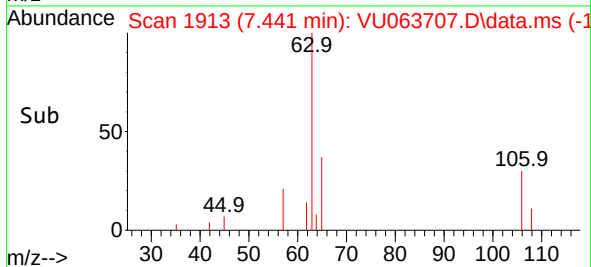
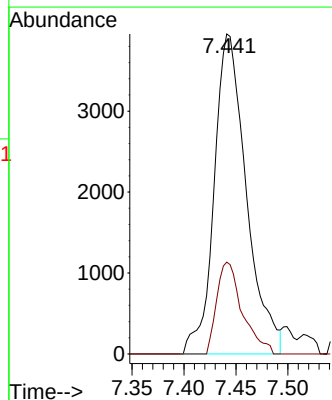
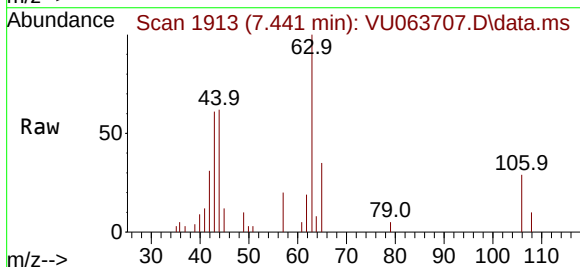
Acq: 11 Nov 2025 15:46

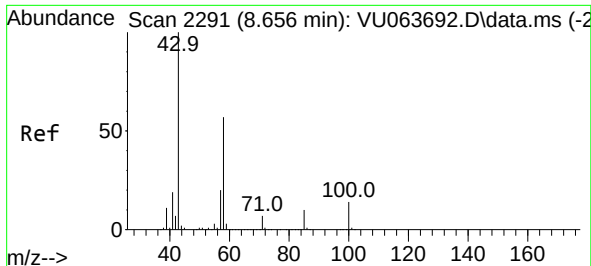
Tgt Ion: 63 Resp: 8522

Ion Ratio Lower Upper

63 100

106 22.8 15.8 23.8

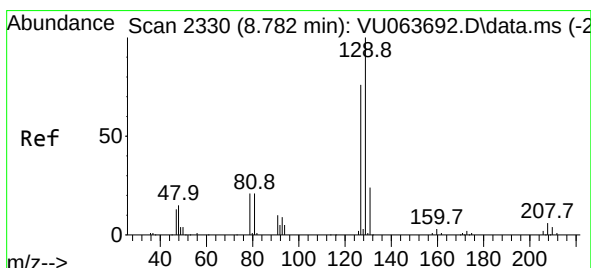
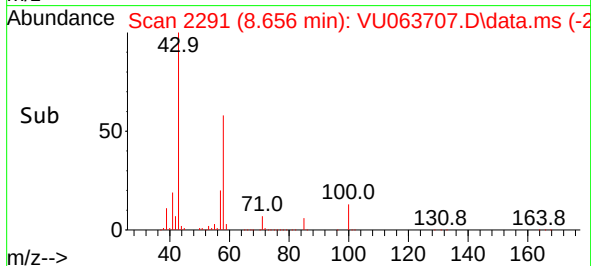
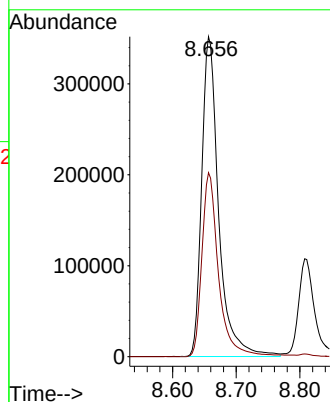
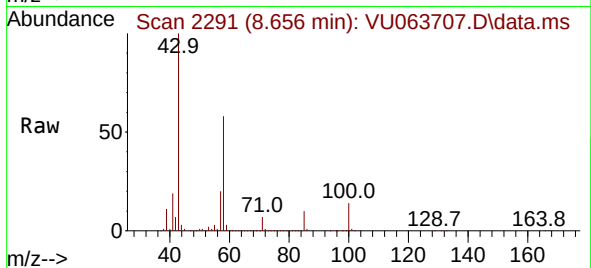




#59
2-Hexanone
Concen: 253.904 ug/l
RT: 8.656 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

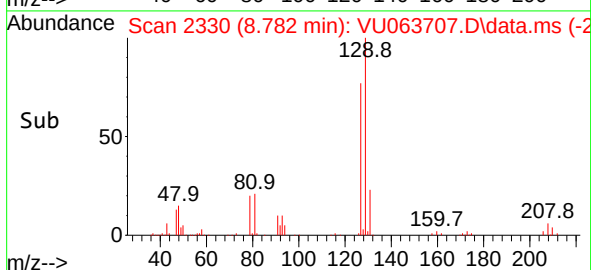
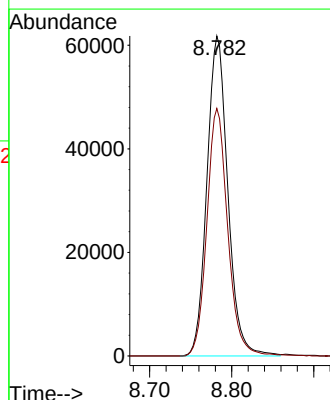
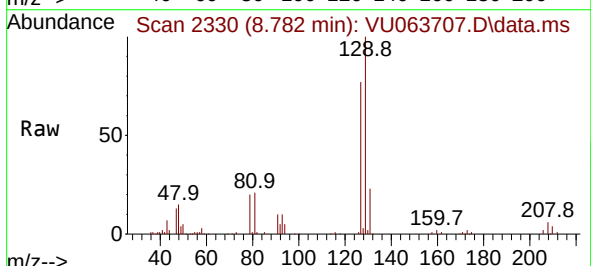
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

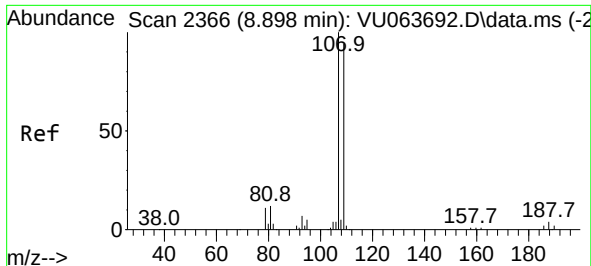
Tgt Ion: 43 Resp: 648555
Ion Ratio Lower Upper
43 100
58 57.1 28.4 85.3



#60
Dibromochloromethane
Concen: 50.457 ug/l
RT: 8.782 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 129 Resp: 109674
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6

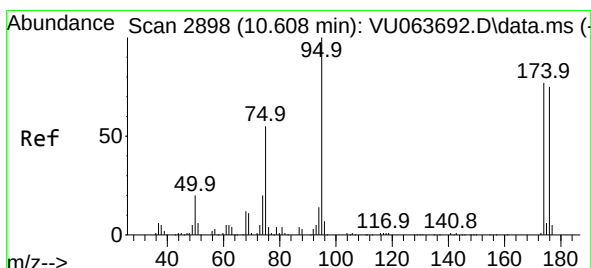
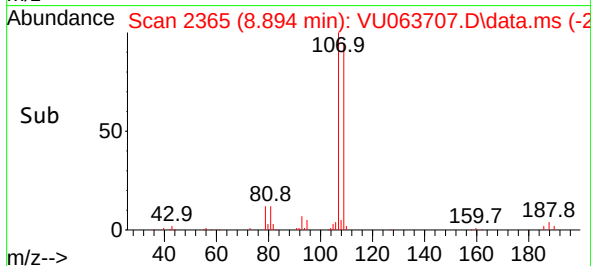
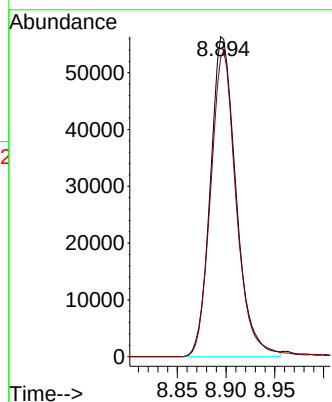
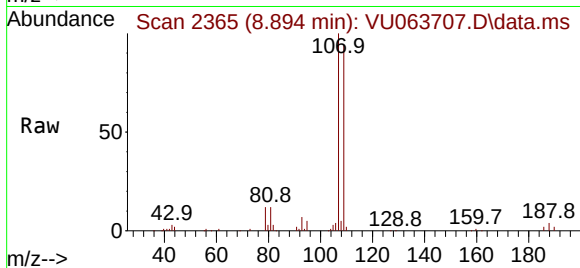




#61
1,2-Dibromoethane
Concen: 51.551 ug/l
RT: 8.894 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

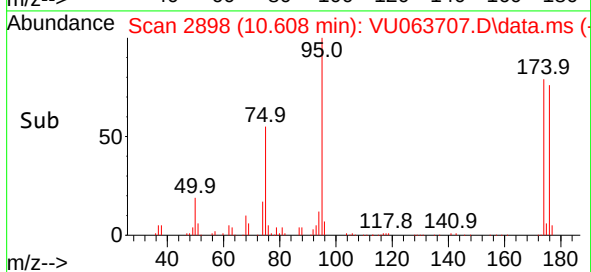
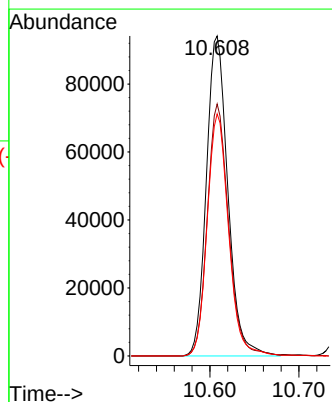
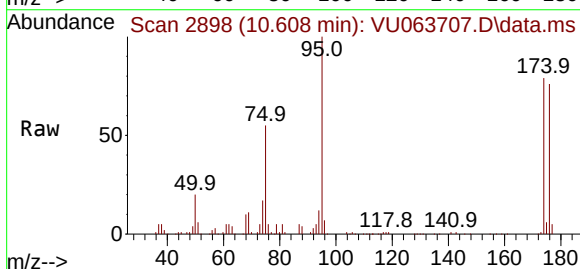
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

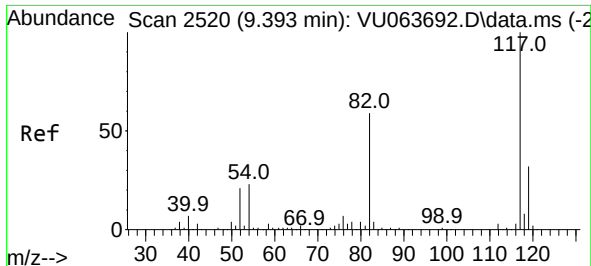
Tgt Ion:107 Resp: 103087
Ion Ratio Lower Upper
107 100
109 95.6 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 50.037 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 95 Resp: 157761
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 75.1 0.0 148.4

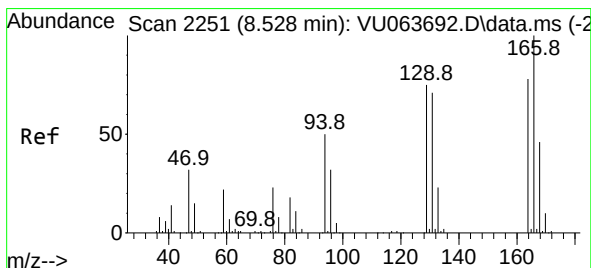
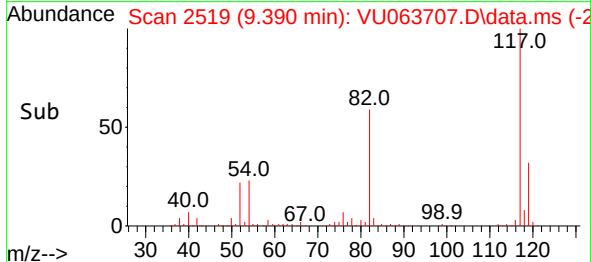
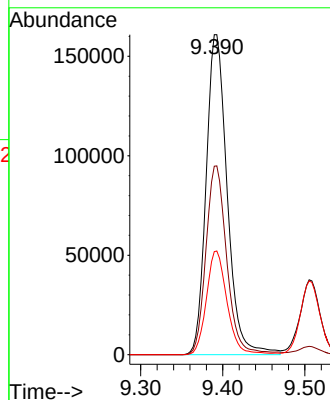
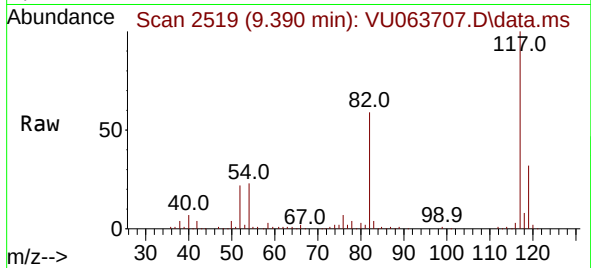




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.390 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

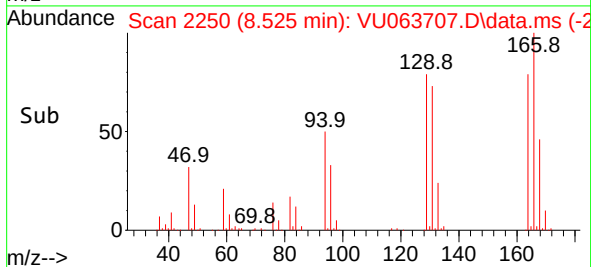
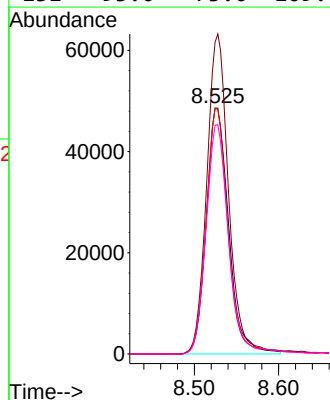
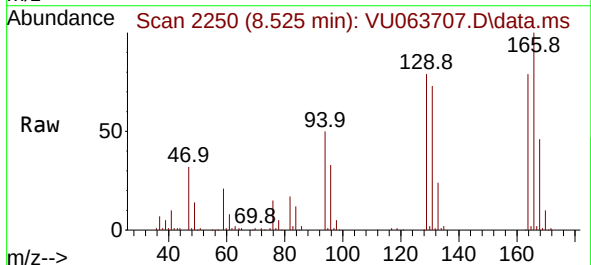
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

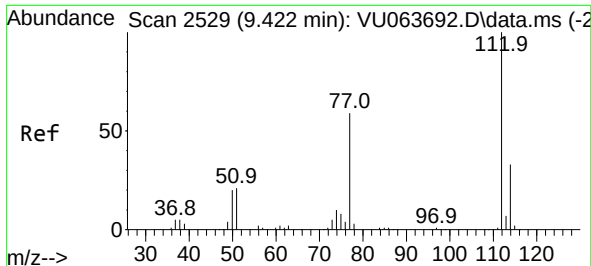
Tgt Ion:117 Resp: 287098
Ion Ratio Lower Upper
117 100
82 58.9 46.9 70.3
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 48.627 ug/l
RT: 8.525 min Scan# 2250
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion:164 Resp: 90069
Ion Ratio Lower Upper
164 100
166 126.7 102.5 153.7
129 99.8 77.1 115.7
131 93.0 73.0 109.6

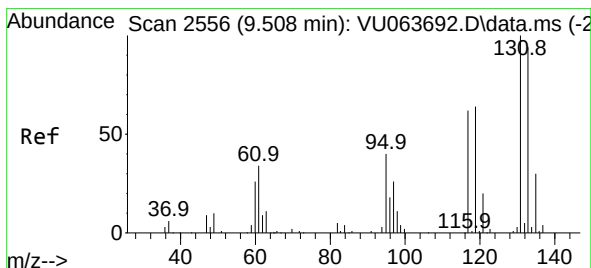
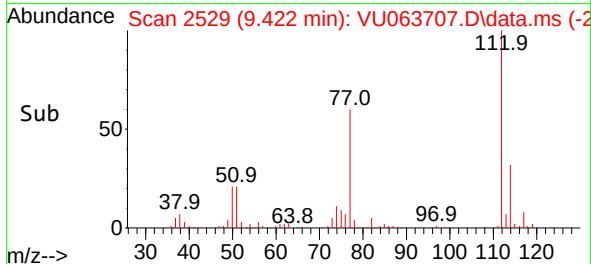
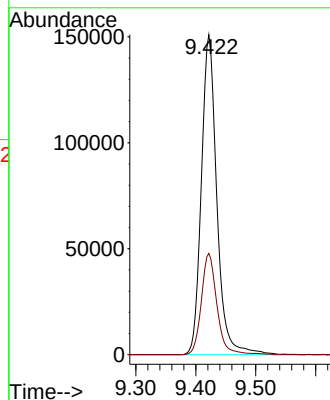
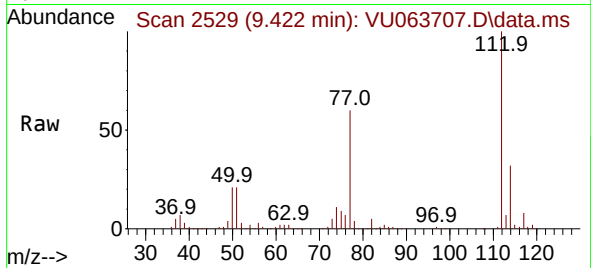




#65
Chlorobenzene
Concen: 48.402 ug/l
RT: 9.422 min Scan# 2529
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

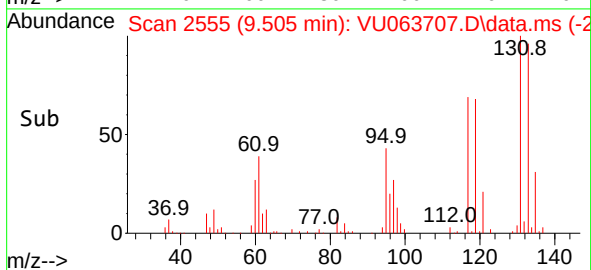
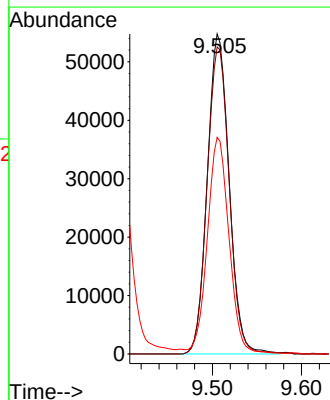
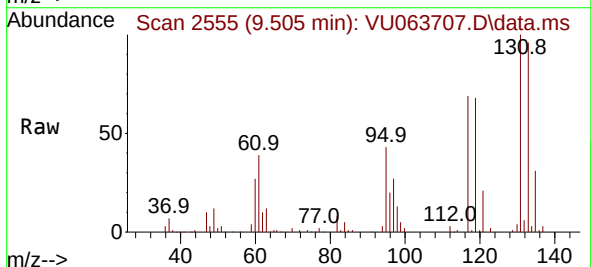
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

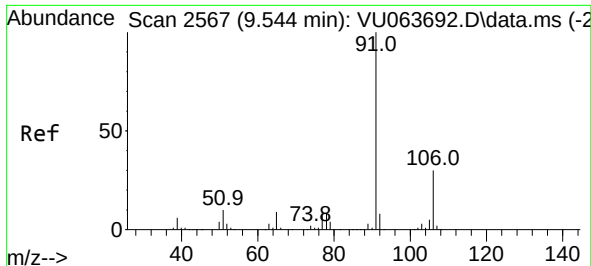
Tgt Ion:112 Resp: 271529
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.821 ug/l
RT: 9.505 min Scan# 2555
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion:131 Resp: 93153
Ion Ratio Lower Upper
131 100
133 97.5 47.5 142.5
119 66.7 33.3 99.8

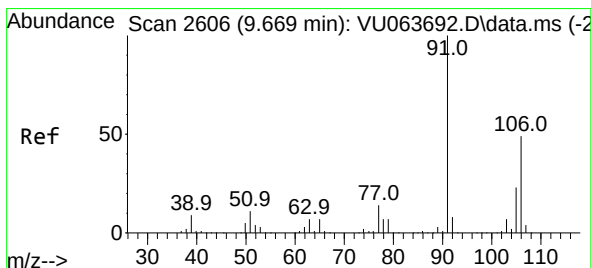
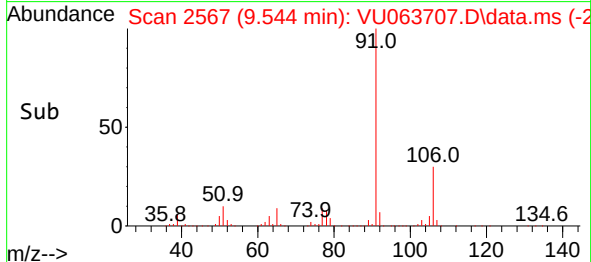
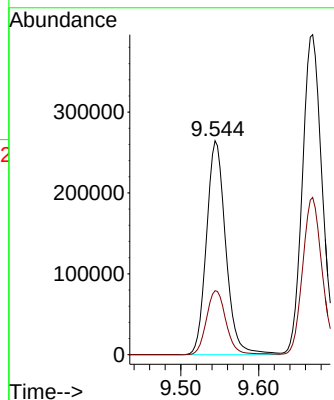
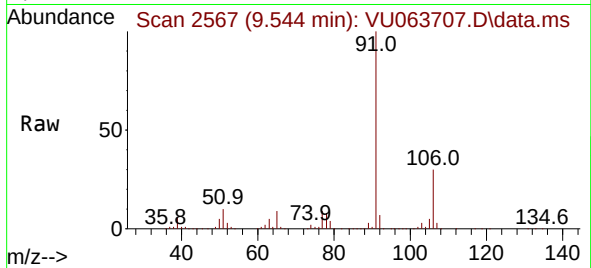




#67
Ethyl Benzene
Concen: 48.667 ug/l
RT: 9.544 min Scan# 2567
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

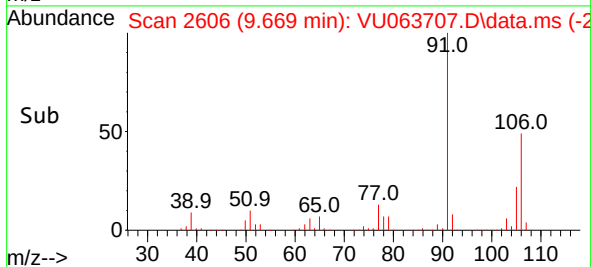
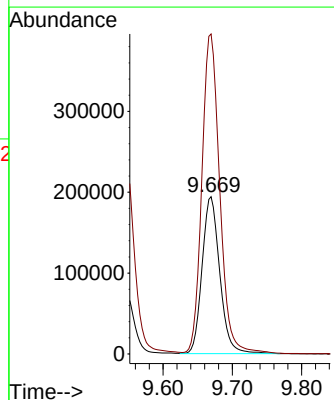
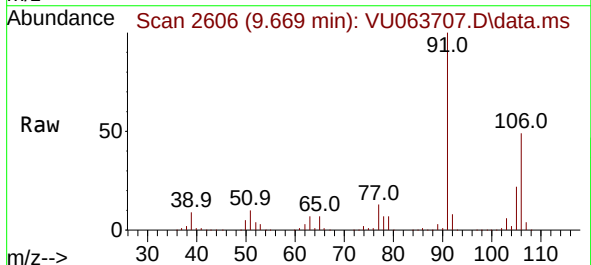
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

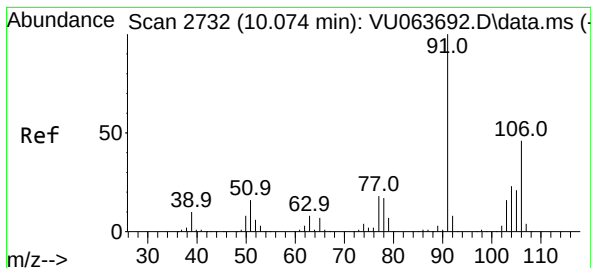
Tgt Ion: 91 Resp: 454737
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.8



#68
m/p-Xylenes
Concen: 99.390 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 106 Resp: 342793
Ion Ratio Lower Upper
106 100
91 207.4 165.7 248.5

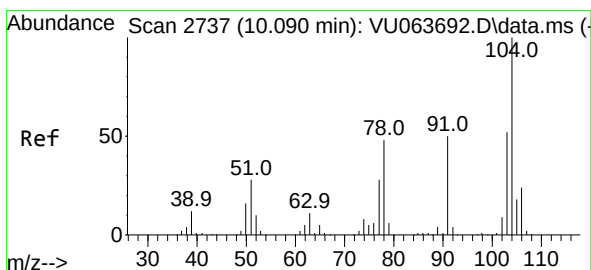
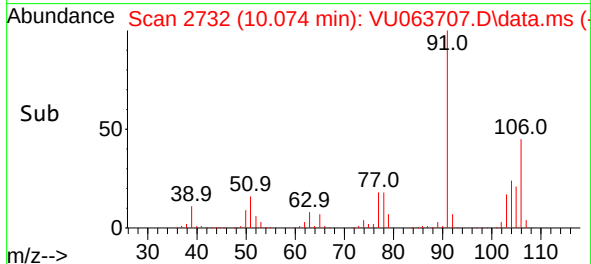
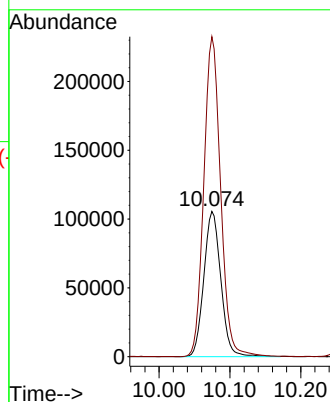
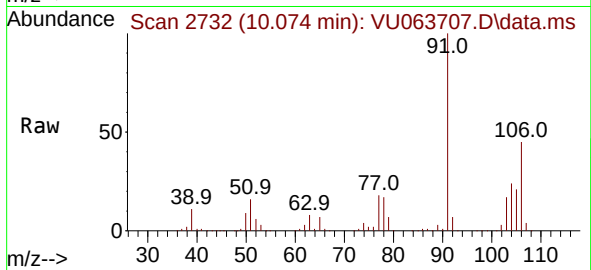




#69
o-Xylene
Concen: 49.404 ug/l
RT: 10.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

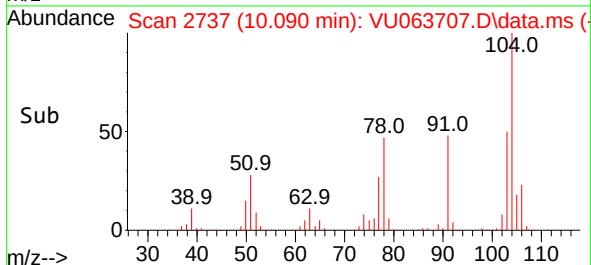
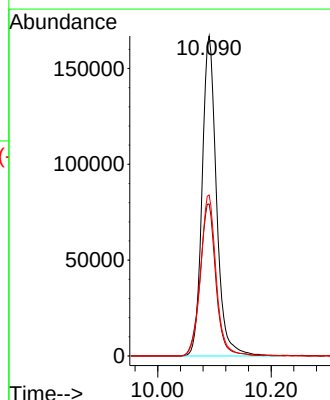
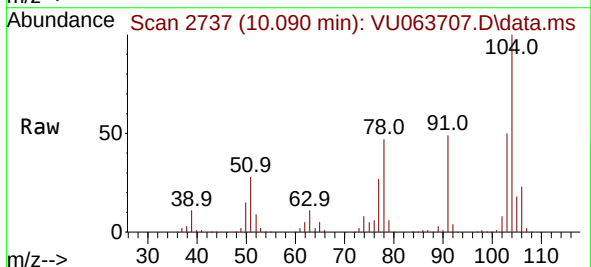
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

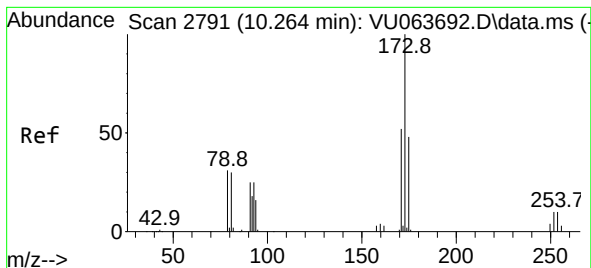
Tgt Ion:106 Resp: 175826
Ion Ratio Lower Upper
106 100
91 217.8 108.7 325.9



#70
Styrene
Concen: 51.599 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion:104 Resp: 294967
Ion Ratio Lower Upper
104 100
78 52.1 42.7 64.1
103 54.3 44.0 66.0





#71

Bromoform

Concen: 50.401 ug/l

RT: 10.264 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

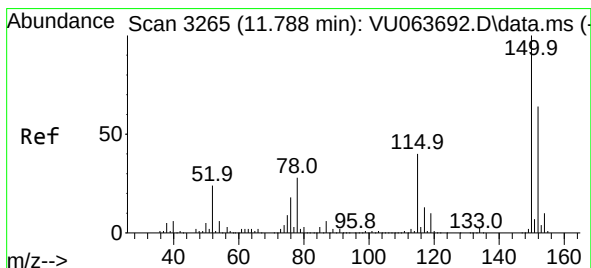
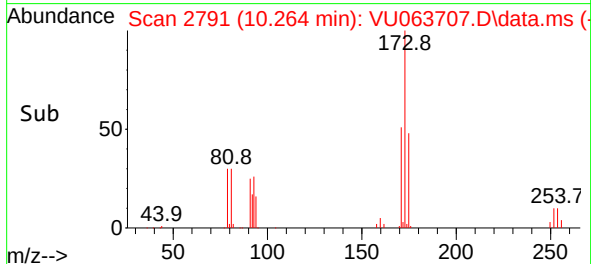
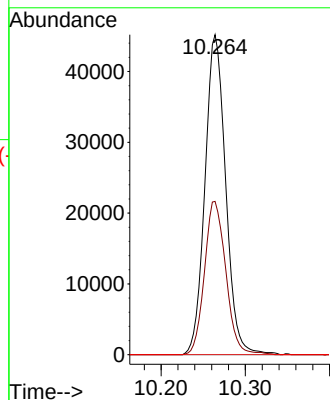
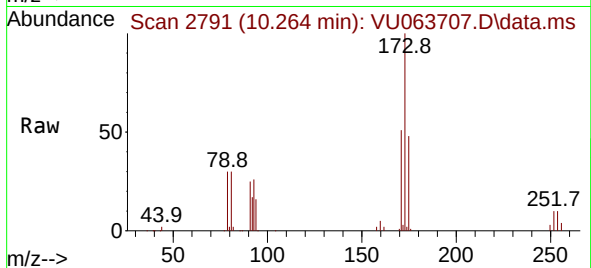
Tgt Ion:173 Resp: 77440

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.785 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

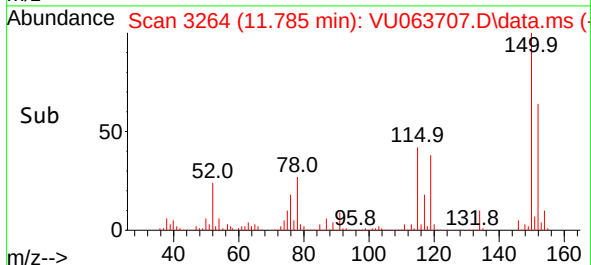
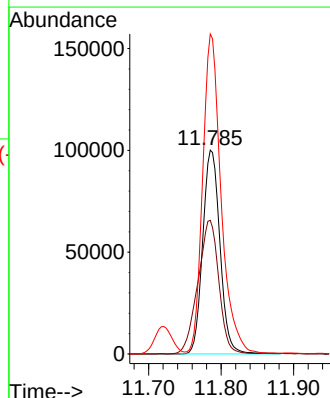
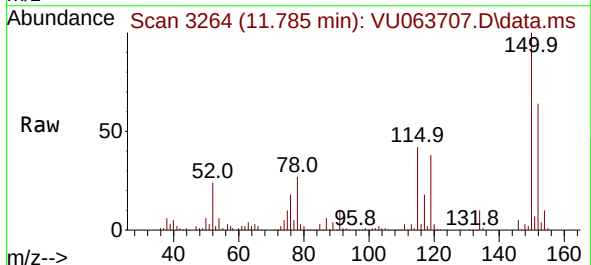
Tgt Ion:152 Resp: 165543

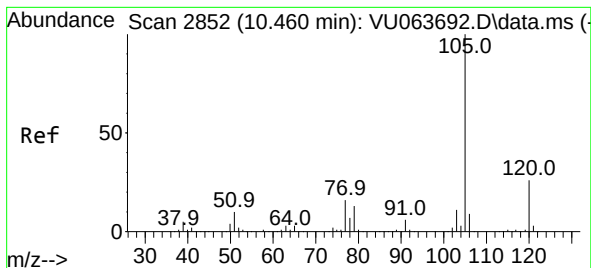
Ion Ratio Lower Upper

152 100

115 79.5 41.0 123.0

150 167.1 0.0 342.2





#73

Isopropylbenzene

Concen: 45.555 ug/l

RT: 10.457 min Scan# 2851

Delta R.T. -0.003 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

Instrument :

MSVOA_U

ClientSampleId :

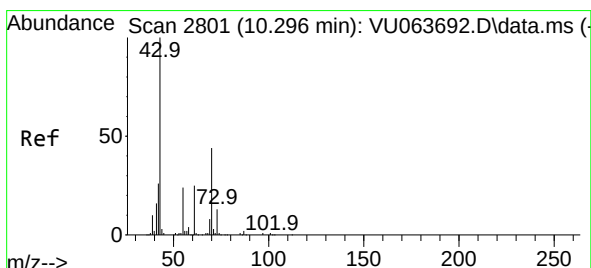
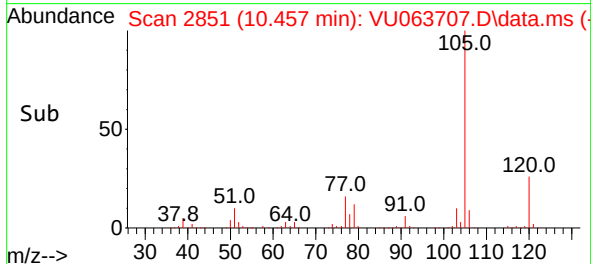
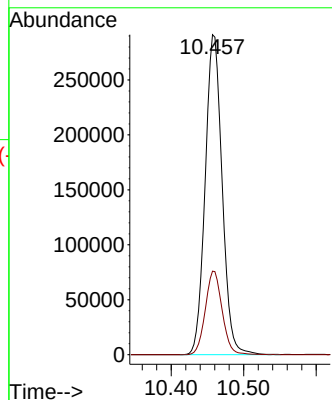
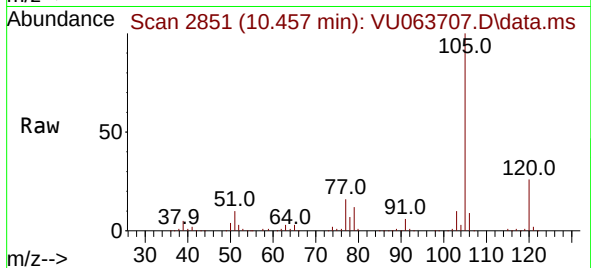
VSTDCCC050EC

Tgt Ion:105 Resp: 473793

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



#74

N-ethyl acetate

Concen: 44.840 ug/l

RT: 10.299 min Scan# 2802

Delta R.T. 0.003 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

Tgt Ion: 43 Resp: 162484

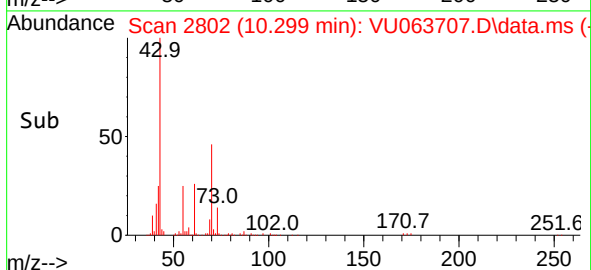
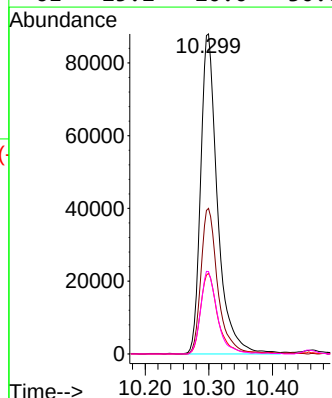
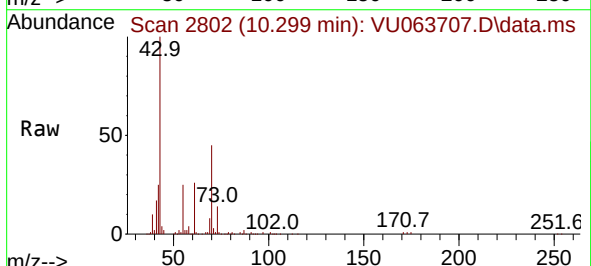
Ion Ratio Lower Upper

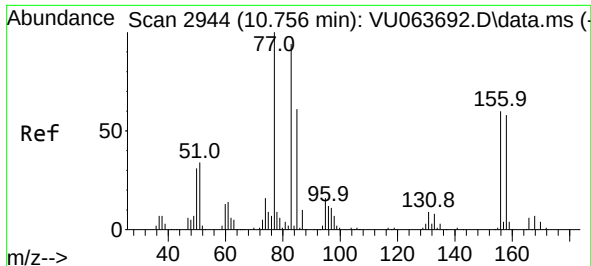
43 100

70 45.3 36.5 54.7

55 25.7 20.6 30.8

61 25.2 20.0 30.0

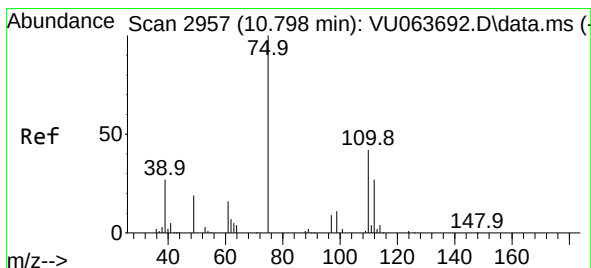
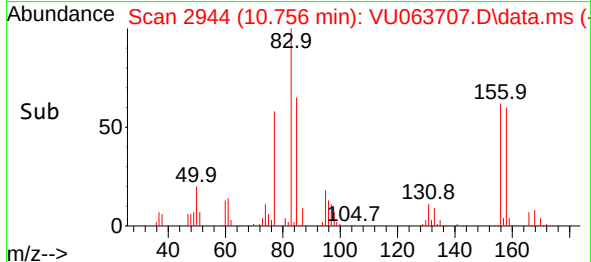
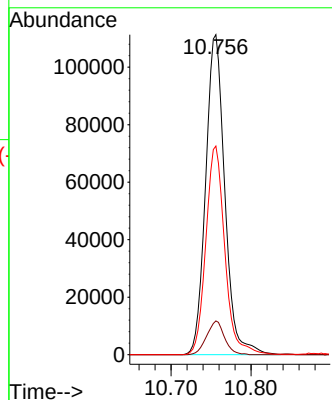
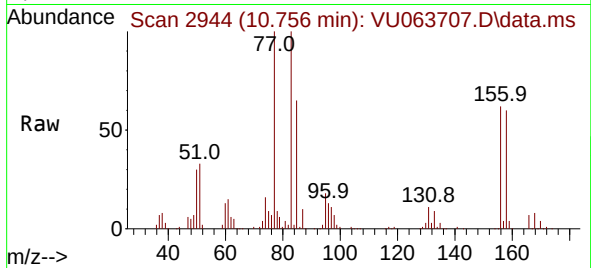




#75
1,1,2,2-Tetrachloroethane
Concen: 46.500 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

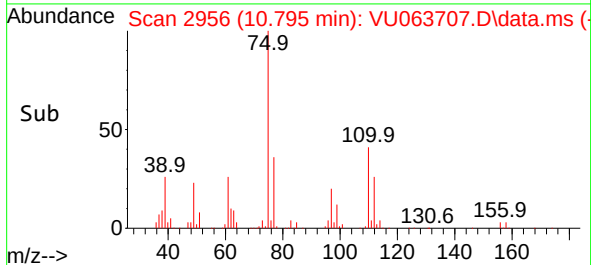
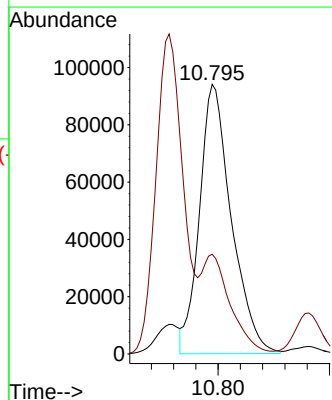
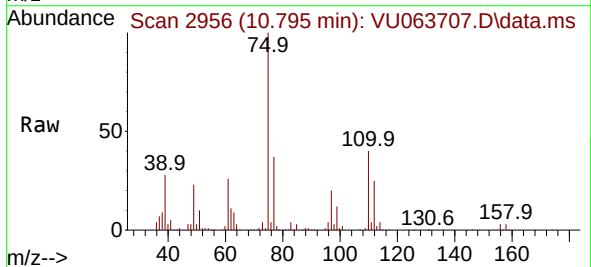
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

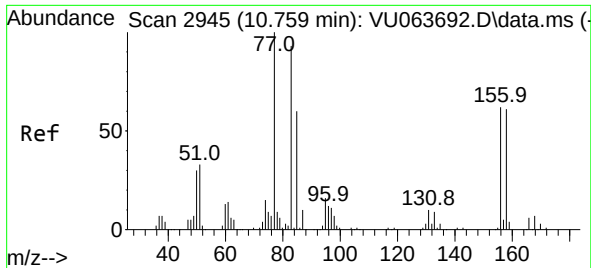
Tgt Ion: 83 Resp: 185718
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.4
85 64.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 44.829 ug/l
RT: 10.795 min Scan# 2956
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 75 Resp: 187013
Ion Ratio Lower Upper
75 100
77 29.9 0.0 0.0#

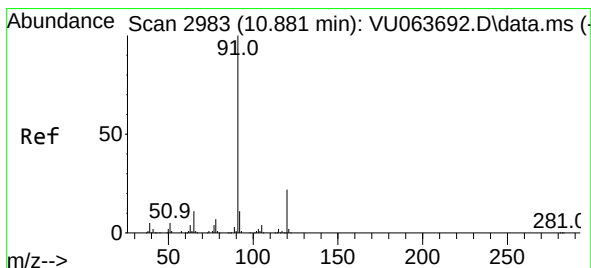
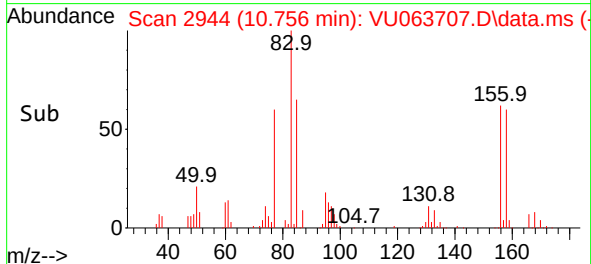
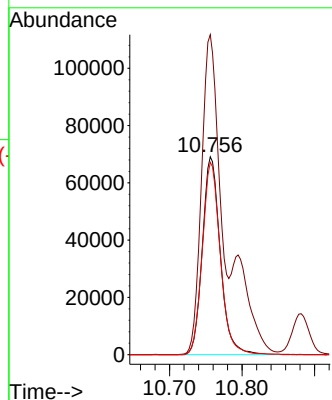
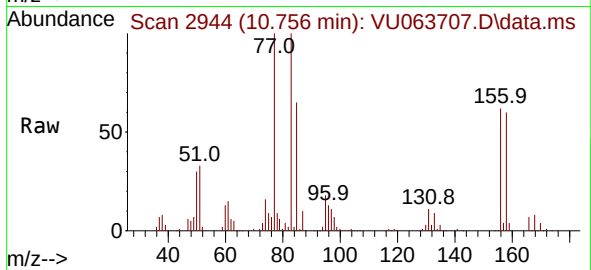




#77
Bromobenzene
Concen: 45.303 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

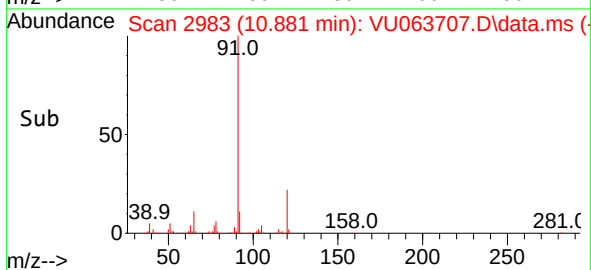
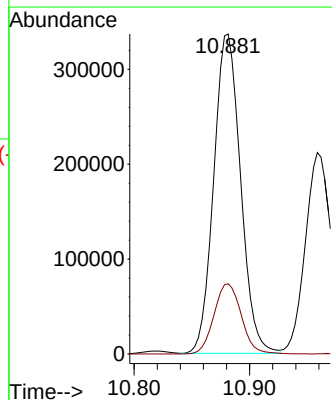
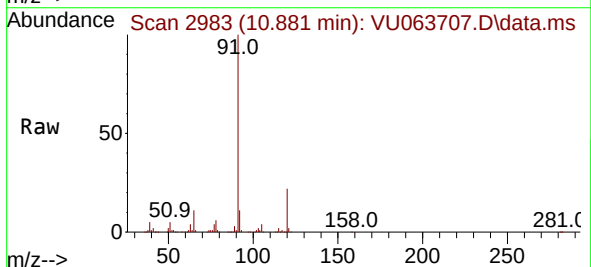
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

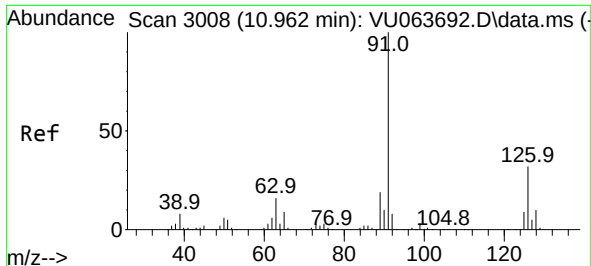
Tgt Ion:156 Resp: 118545
Ion Ratio Lower Upper
156 100
77 161.8 81.4 244.2
158 97.8 48.8 146.3



#78
n-propylbenzene
Concen: 45.516 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 91 Resp: 543046
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.6

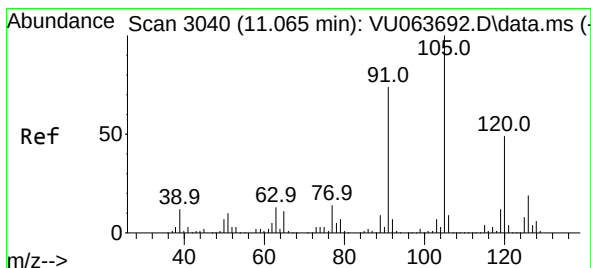
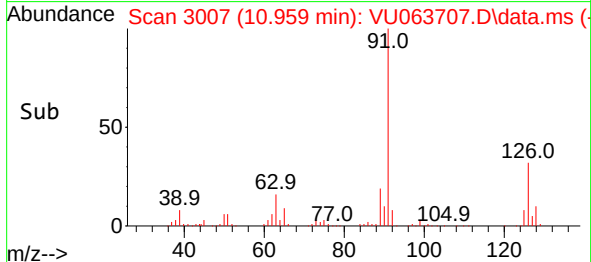
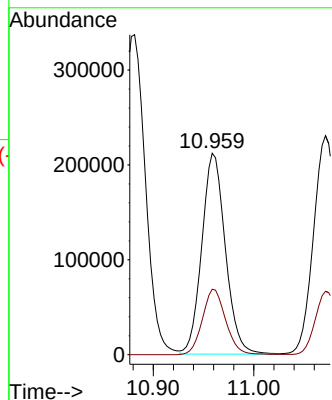
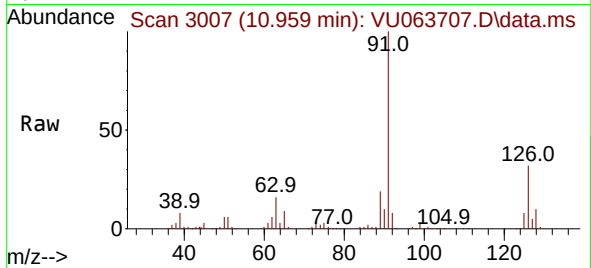




#79
2-Chlorotoluene
Concen: 44.745 ug/l
RT: 10.959 min Scan# 3007
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

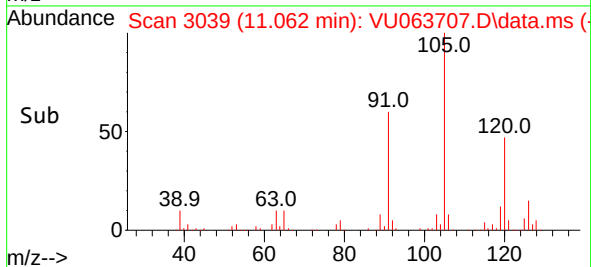
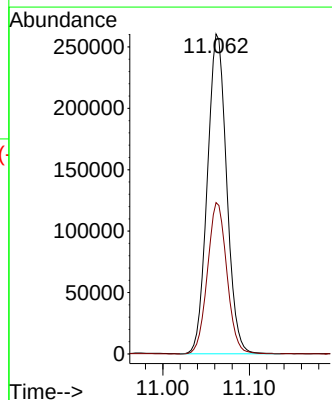
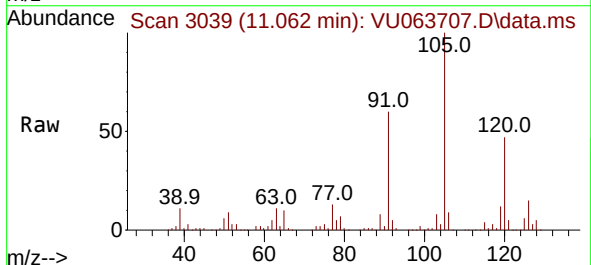
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

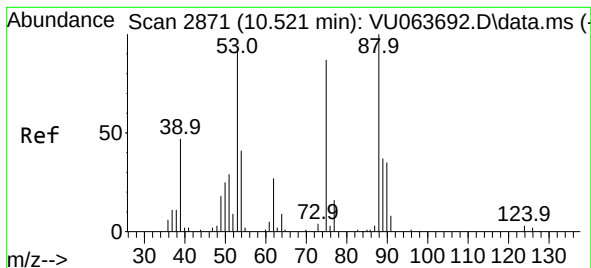
Tgt Ion: 91 Resp: 345065
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 46.194 ug/l
RT: 11.062 min Scan# 3039
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 105 Resp: 402846
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.2

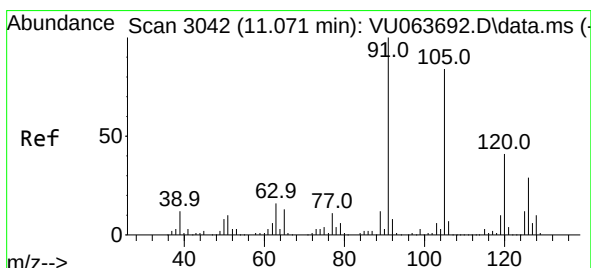
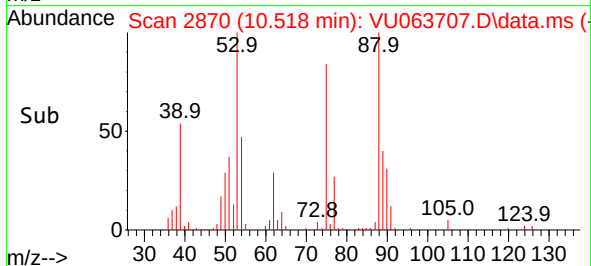
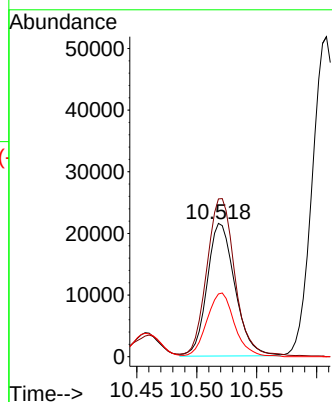
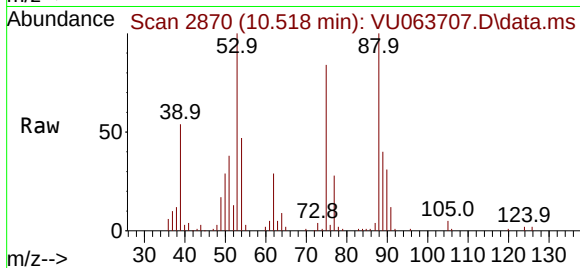




#81
trans-1,4-Dichloro-2-butene
Concen: 44.411 ug/l
RT: 10.518 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

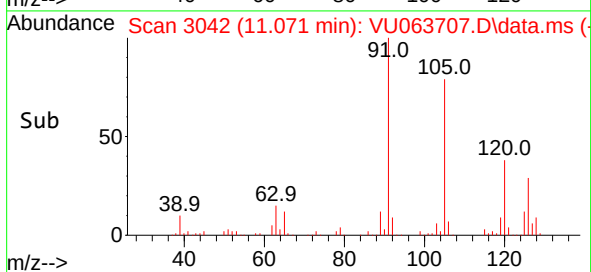
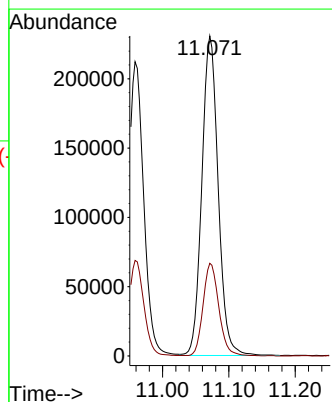
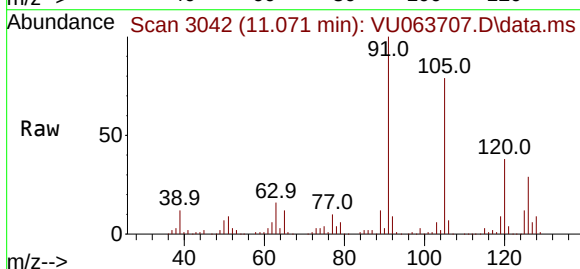
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

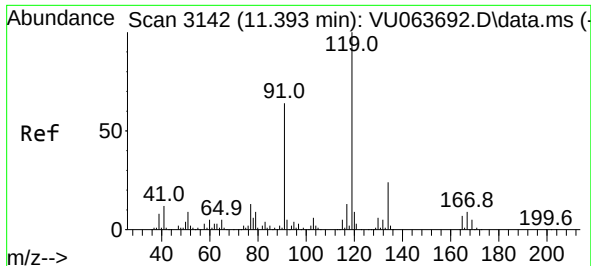
Tgt Ion: 75 Resp: 34777
Ion Ratio Lower Upper
75 100
53 121.8 86.5 129.7
89 47.9 35.2 52.8



#82
4-Chlorotoluene
Concen: 45.095 ug/l
RT: 11.071 min Scan# 3042
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion: 91 Resp: 395188
Ion Ratio Lower Upper
91 100
126 27.9 14.2 42.8

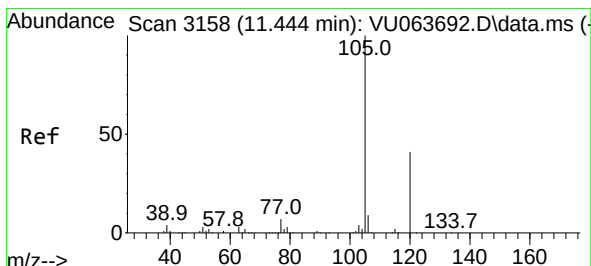
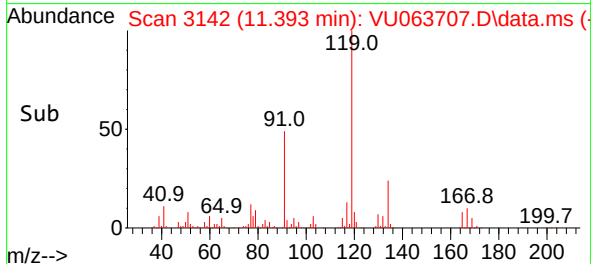
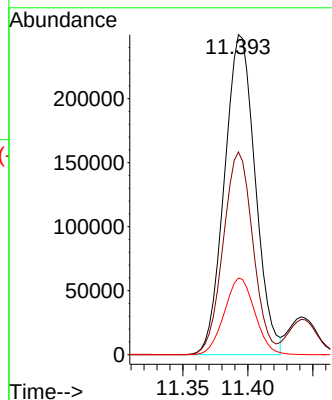
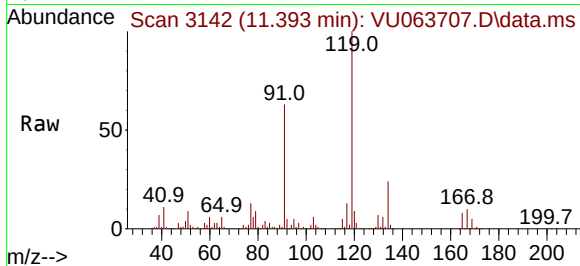




#83
 tert-Butylbenzene
 Concen: 45.461 ug/l
 RT: 11.393 min Scan# 3142
 Delta R.T. 0.000 min
 Lab File: VU063707.D
 Acq: 11 Nov 2025 15:46

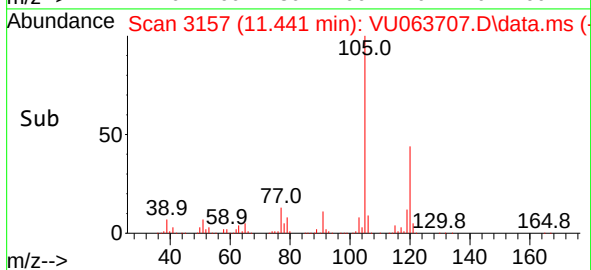
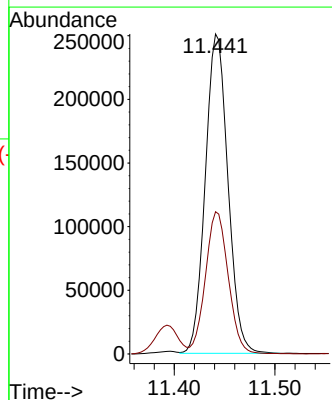
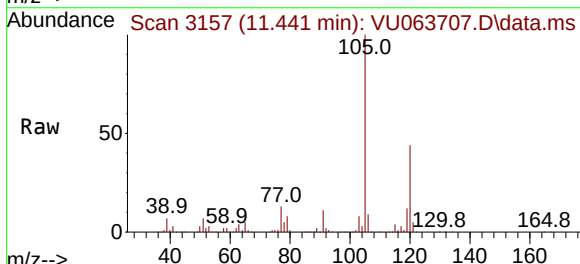
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

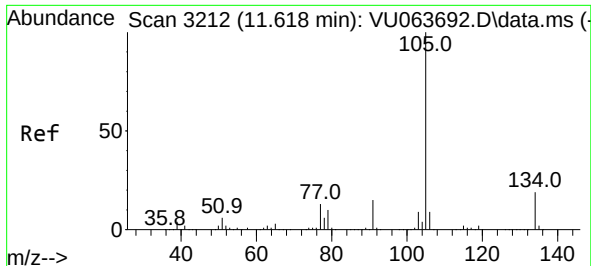
Tgt Ion:119 Resp: 412960
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.8 92.3
 134 23.7 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 45.843 ug/l
 RT: 11.441 min Scan# 3157
 Delta R.T. -0.003 min
 Lab File: VU063707.D
 Acq: 11 Nov 2025 15:46

Tgt Ion:105 Resp: 392322
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

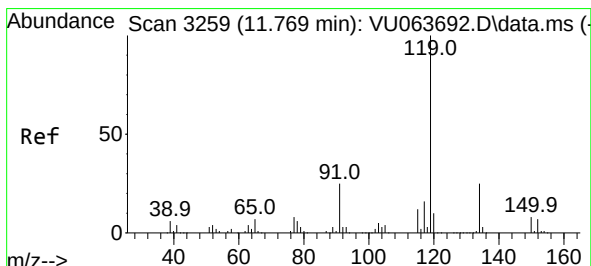
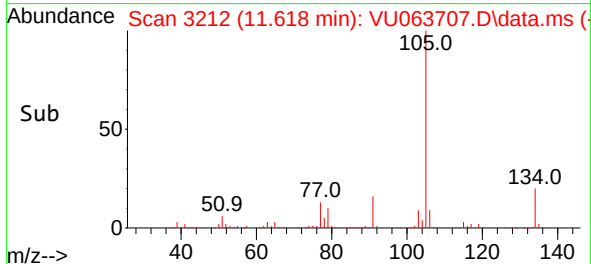
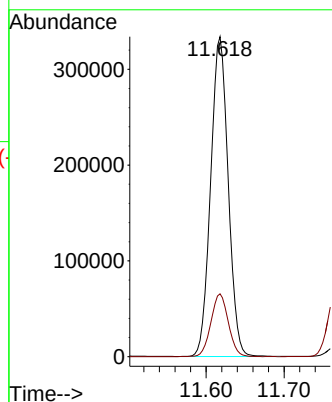
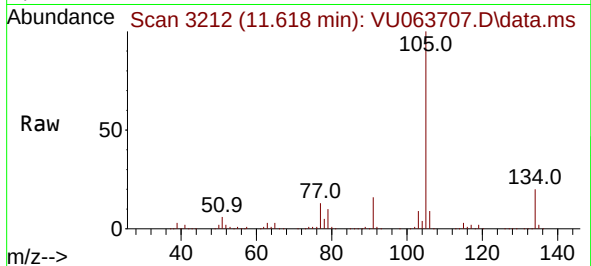




#85
 sec-Butylbenzene
 Concen: 45.477 ug/l
 RT: 11.618 min Scan# 3212
 Delta R.T. 0.000 min
 Lab File: VU063707.D
 Acq: 11 Nov 2025 15:46

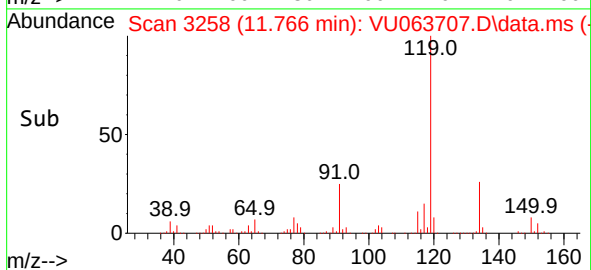
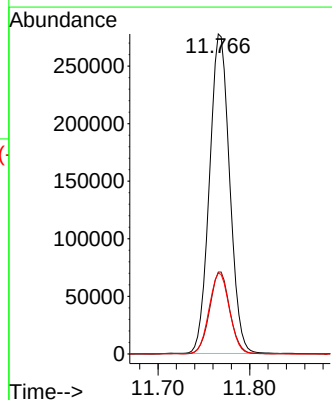
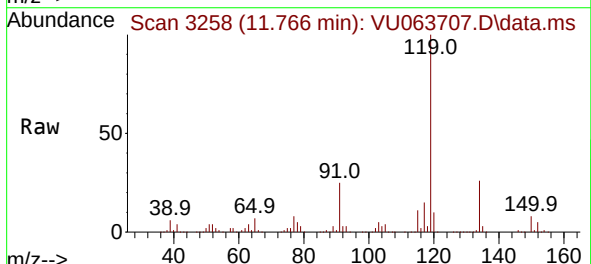
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

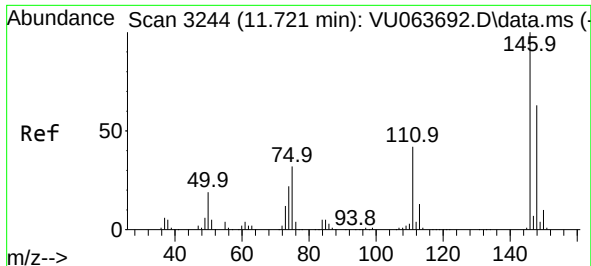
Tgt Ion:105 Resp: 521842
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 45.924 ug/l
 RT: 11.766 min Scan# 3258
 Delta R.T. -0.003 min
 Lab File: VU063707.D
 Acq: 11 Nov 2025 15:46

Tgt Ion:119 Resp: 423038
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.6
 91 25.5 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 46.780 ug/l

RT: 11.721 min Scan# 3244

Delta R.T. 0.000 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

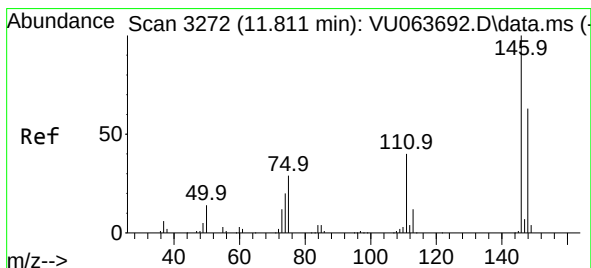
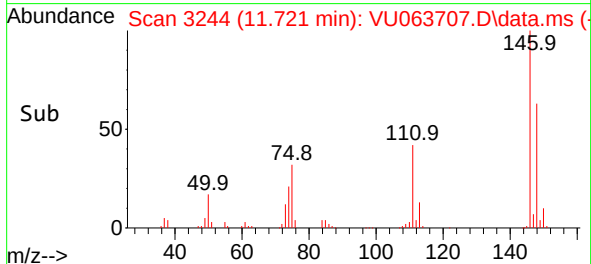
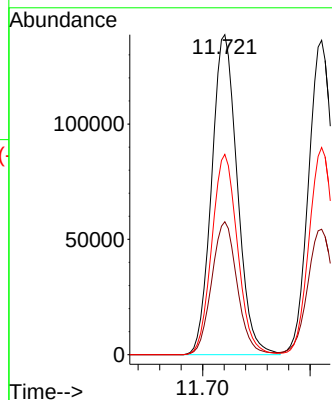
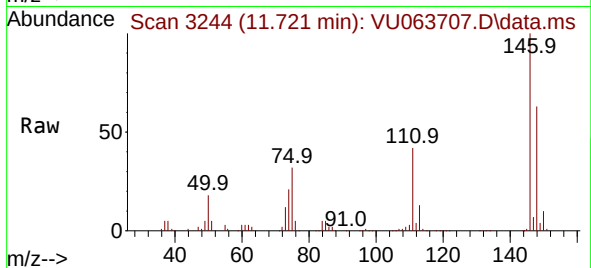
Tgt Ion:146 Resp: 229982

Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.8

148 62.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 44.670 ug/l

RT: 11.811 min Scan# 3272

Delta R.T. 0.000 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

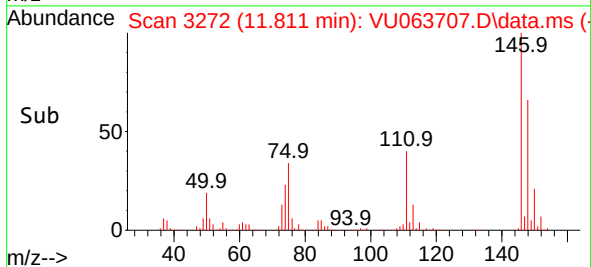
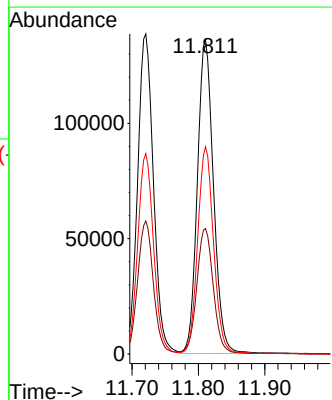
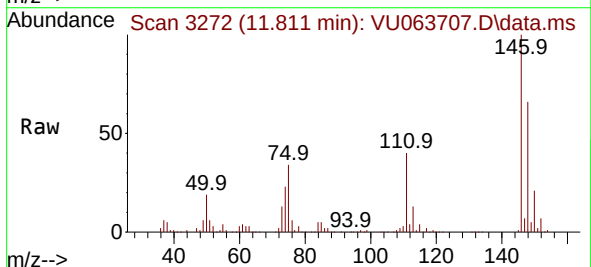
Tgt Ion:146 Resp: 229757

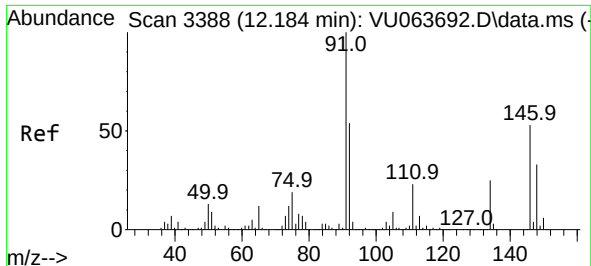
Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.3

148 65.0 31.4 94.3





#89

n-Butylbenzene

Concen: 43.176 ug/l

RT: 12.184 min Scan# 3388

Delta R.T. 0.000 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

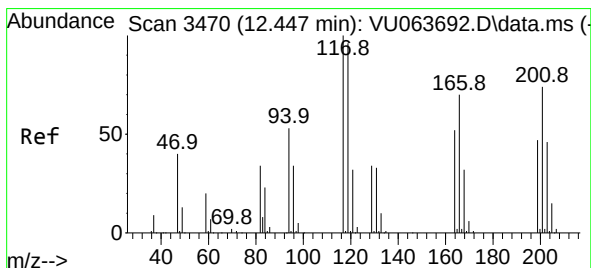
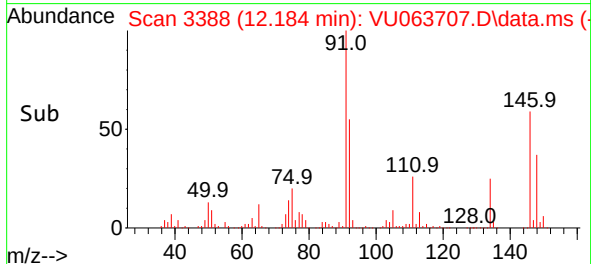
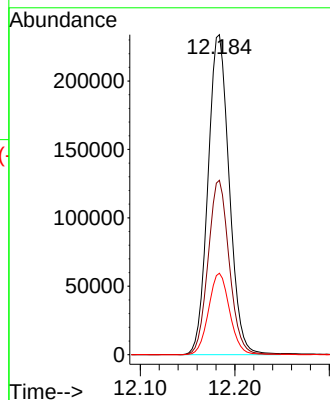
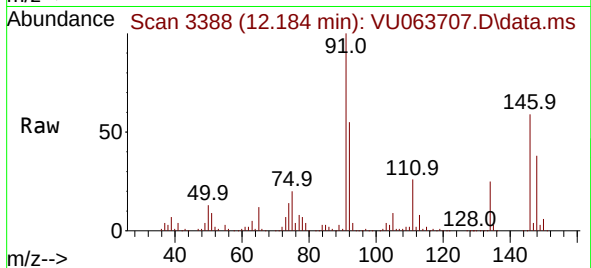
Tgt Ion: 91 Resp: 365260

Ion Ratio Lower Upper

91 100

92 54.2 27.0 81.0

134 25.4 12.4 37.4



#90

Hexachloroethane

Concen: 42.926 ug/l

RT: 12.447 min Scan# 3470

Delta R.T. 0.000 min

Lab File: VU063707.D

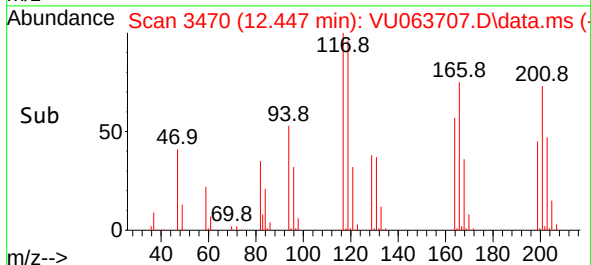
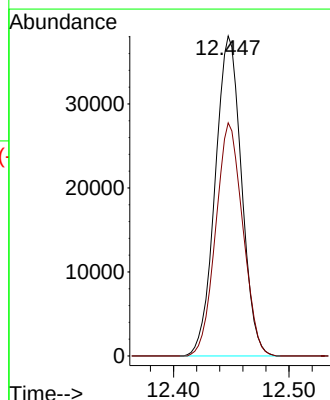
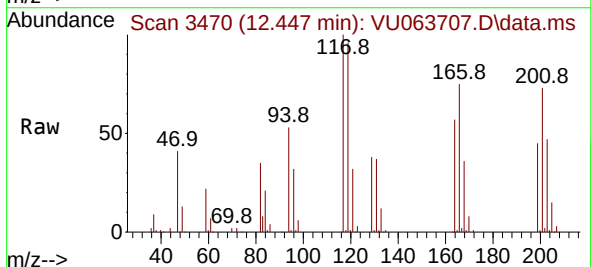
Acq: 11 Nov 2025 15:46

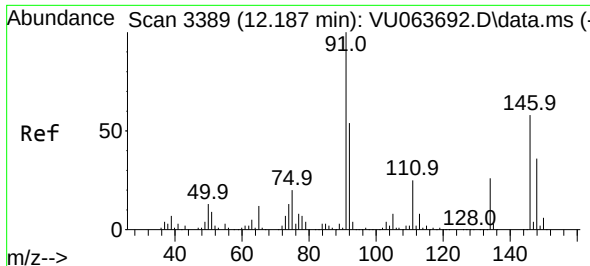
Tgt Ion: 117 Resp: 60323

Ion Ratio Lower Upper

117 100

201 74.9 36.6 109.8

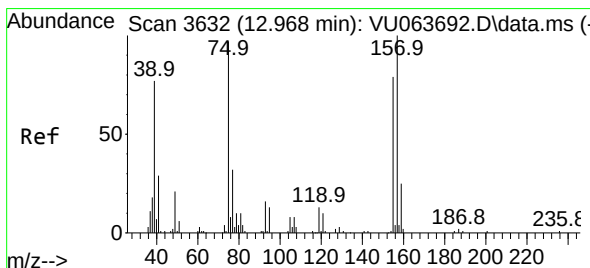
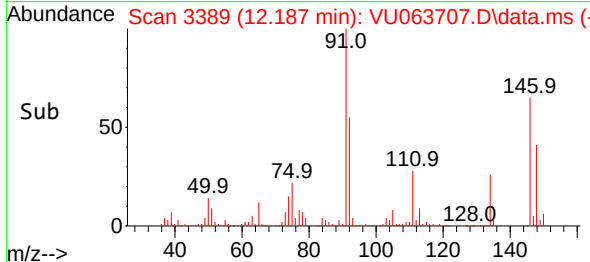
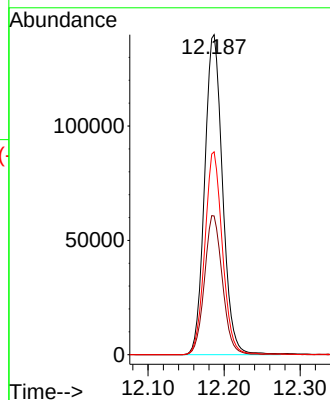
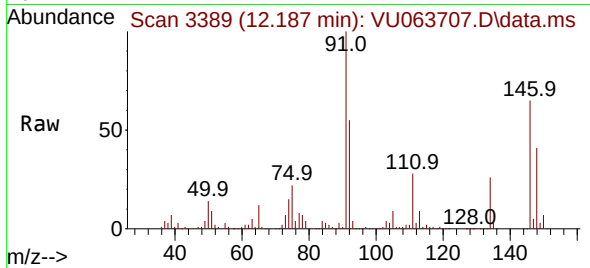




#91
 1,2-Dichlorobenzene
 Concen: 46.673 ug/l
 RT: 12.187 min Scan# 3389
 Delta R.T. 0.000 min
 Lab File: VU063707.D
 Acq: 11 Nov 2025 15:46

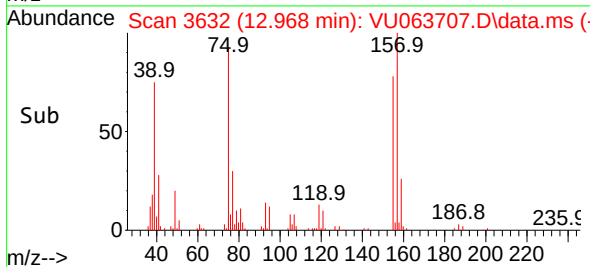
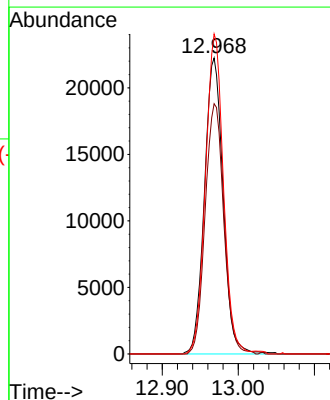
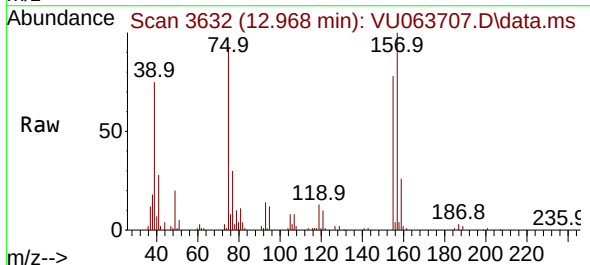
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

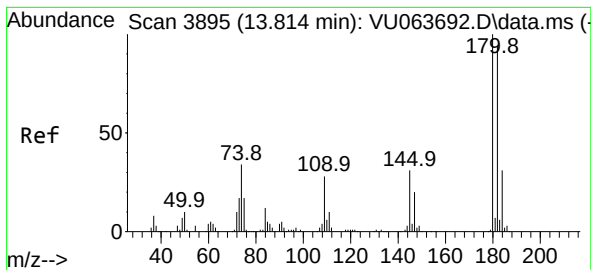
Tgt Ion:146 Resp: 229095
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.8 65.3
 148 62.3 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.464 ug/l
 RT: 12.968 min Scan# 3632
 Delta R.T. 0.000 min
 Lab File: VU063707.D
 Acq: 11 Nov 2025 15:46

Tgt Ion: 75 Resp: 38025
 Ion Ratio Lower Upper
 75 100
 155 84.0 40.5 121.4
 157 103.6 50.4 151.3





#93

1,2,4-Trichlorobenzene

Concen: 44.221 ug/l

RT: 13.814 min Scan# 3895

Delta R.T. 0.000 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

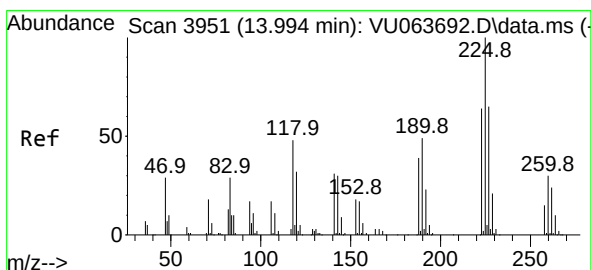
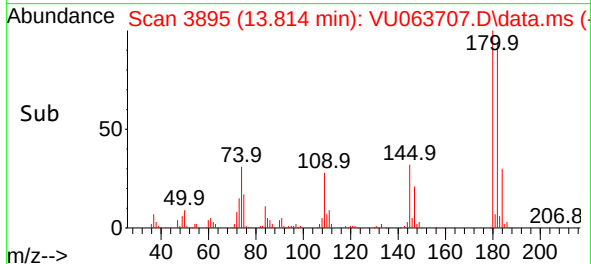
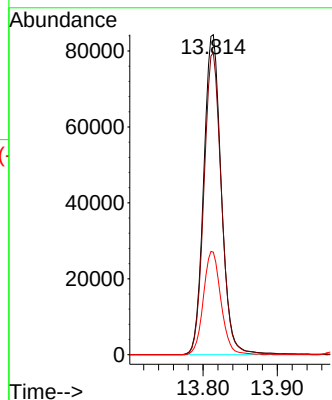
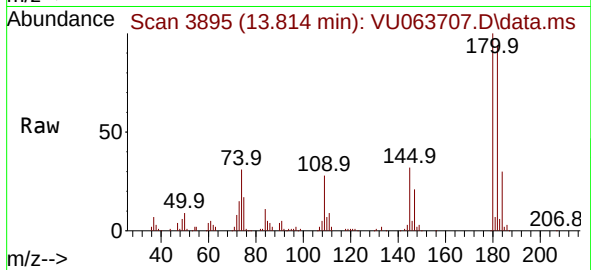
Tgt Ion:180 Resp: 138382

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 32.3 15.9 47.6



#94

Hexachlorobutadiene

Concen: 45.130 ug/l

RT: 13.991 min Scan# 3950

Delta R.T. -0.003 min

Lab File: VU063707.D

Acq: 11 Nov 2025 15:46

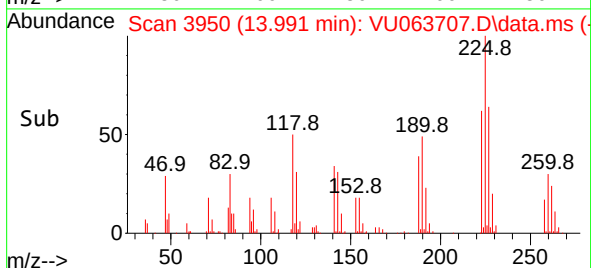
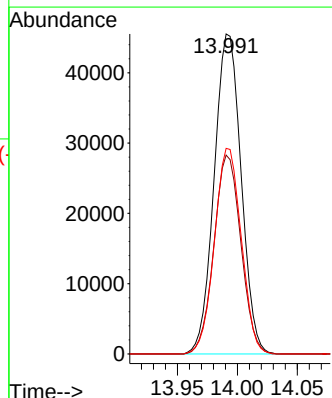
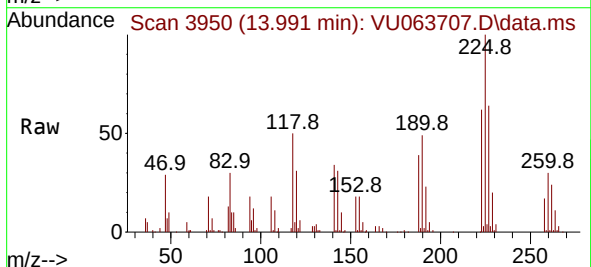
Tgt Ion:225 Resp: 71159

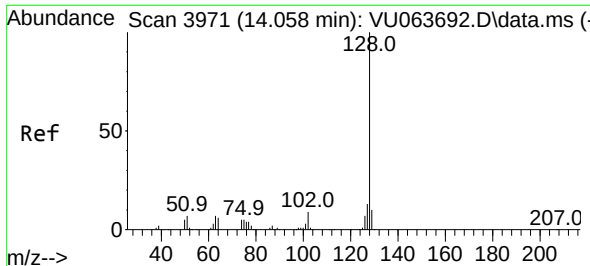
Ion Ratio Lower Upper

225 100

223 62.1 31.6 94.8

227 63.9 32.4 97.0

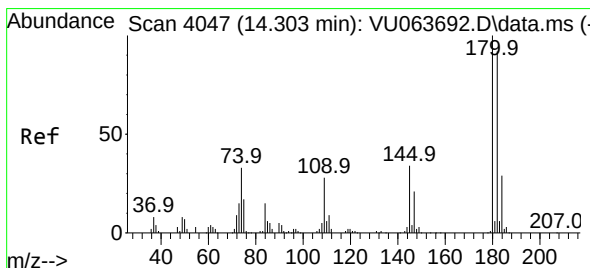
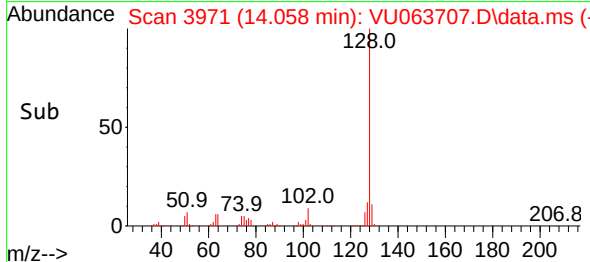
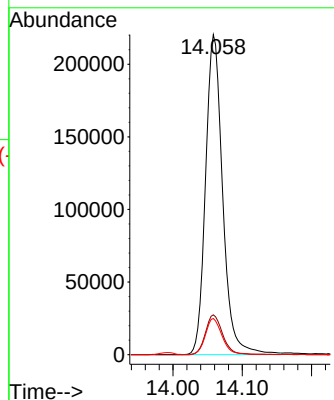
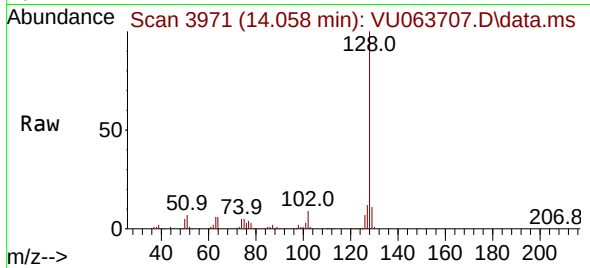




#95
Naphthalene
Concen: 44.595 ug/l
RT: 14.058 min Scan# 3971
Delta R.T. 0.000 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 378042
Ion Ratio Lower Upper
128 100
127 12.5 9.9 14.9
129 11.1 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 45.203 ug/l
RT: 14.299 min Scan# 4046
Delta R.T. -0.003 min
Lab File: VU063707.D
Acq: 11 Nov 2025 15:46

Tgt Ion:180 Resp: 131511
Ion Ratio Lower Upper
180 100
182 95.1 47.3 142.0
145 33.9 16.6 49.7

