

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111125\
 Data File : VU063698.D
 Acq On : 11 Nov 2025 09:54
 Operator : MD/SY
 Sample : VSTDCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCC050

Quant Time: Nov 12 02:09:00 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	5.344	168	197765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	328241	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	307049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	167947	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.669	65	135748	46.466	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.940%
35) Dibromofluoromethane	5.258	113	110506	48.067	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	7.872	98	383417	46.423	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.840%
62) 4-Bromofluorobenzene	10.608	95	163793	47.941	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.374	85	57119	47.825	ug/l	96
3) Chloromethane	1.509	50	59027	50.576	ug/l	99
4) Vinyl Chloride	1.589	62	69360	47.216	ug/l	99
5) Bromomethane	1.833	94	48844	54.848	ug/l	99
6) Chloroethane	1.914	64	53058	47.760	ug/l	100
7) Trichlorofluoromethane	2.119	101	132640	47.190	ug/l	98
8) Diethyl Ether	2.357	74	56838	47.564	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.557	101	87613	49.058	ug/l	100
10) Methyl Iodide	2.695	142	99147	50.132	ug/l	100
11) Tert butyl alcohol	3.148	59	133365	195.660	ug/l	100
12) 1,1-Dichloroethene	2.557	96	72753	47.311	ug/l	97
13) Acrolein	2.464	56	10376	236.140	ug/l	97
14) Allyl chloride	2.898	41	138251	48.205	ug/l	98
15) Acrylonitrile	3.280	53	338541	242.519	ug/l	97
16) Acetone	2.599	43	433953	270.754	ug/l	98
17) Carbon Disulfide	2.769	76	97431	49.726	ug/l	98
18) Methyl Acetate	2.920	43	246386	48.093	ug/l	99
19) Methyl tert-butyl Ether	3.332	73	342871	49.415	ug/l	99
20) Methylene Chloride	3.017	84	95954	50.935	ug/l	97
21) trans-1,2-Dichloroethene	3.325	96	75242	47.658	ug/l	97
22) Diisopropyl ether	3.955	45	306259	48.485	ug/l	91
23) Vinyl Acetate	3.920	43	1025351	238.022	ug/l	99
24) 1,1-Dichloroethane	3.833	63	178766	49.070	ug/l	99
25) 2-Butanone	4.666	43	467865	232.594	ug/l	98
26) 2,2-Dichloropropane	4.627	77	151101	48.292	ug/l	99
27) cis-1,2-Dichloroethene	4.634	96	109531	47.486	ug/l	97
28) Bromochloromethane	4.939	49	83570	57.323	ug/l	98
29) Tetrahydrofuran	5.016	42	266796	227.940	ug/l	98
30) Chloroform	5.055	83	202088	50.634	ug/l	100
31) Cyclohexane	5.354	56	119010	51.260	ug/l	98
32) 1,1,1-Trichloroethane	5.283	97	160579	49.030	ug/l	99
36) 1,1-Dichloropropene	5.496	75	107711	46.032	ug/l	99
37) Ethyl Acetate	4.775	43	144565	43.632	ug/l	100
38) Carbon Tetrachloride	5.492	117	120018	47.456	ug/l	100
39) Methylcyclohexane	6.733	83	125188	47.123	ug/l	98
40) Benzene	5.743	78	367519	48.672	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.939	41	82647	47.995	ug/l	99
42) 1,2-Dichloroethane	5.762	62	147250	49.444	ug/l	100
43) Isopropyl Acetate	5.881	43	229106	47.176	ug/l	99
44) Trichloroethene	6.515	130	97927	46.225	ug/l	97
45) 1,2-Dichloropropane	6.762	63	100187	48.808	ug/l	99
46) Dibromomethane	6.888	93	75763	49.156	ug/l	98
47) Bromodichloromethane	7.077	83	153023	48.971	ug/l	99
48) Methyl methacrylate	6.933	41	112601	47.236	ug/l	98
49) 1,4-Dioxane	6.936	88	52199	826.526	ug/l	96
51) 4-Methyl-2-Pentanone	7.762	43	859954	231.403	ug/l	99
52) Toluene	7.942	92	237559	48.478	ug/l	98
53) t-1,3-Dichloropropene	8.184	75	124175	47.191	ug/l	98
54) cis-1,3-Dichloropropene	7.579	75	143353	48.607	ug/l	96
55) 1,1,2-Trichloroethane	8.373	97	111587	49.621	ug/l	98
56) Ethyl methacrylate	8.309	69	165090	49.754	ug/l	99
57) 1,3-Dichloropropane	8.547	76	181108	49.365	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.447	63	4612	115.591	ug/l #	86
59) 2-Hexanone	8.656	43	632407	228.477	ug/l	99
60) Dibromochloromethane	8.782	129	116739	49.563	ug/l	99
61) 1,2-Dibromoethane	8.897	107	106893	49.329	ug/l	99
64) Tetrachloroethene	8.528	164	99846	50.403	ug/l	99
65) Chlorobenzene	9.421	112	293075	48.849	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.508	131	101363	49.672	ug/l	99
67) Ethyl Benzene	9.544	91	493438	49.377	ug/l	99
68) m/p-Xylenes	9.669	106	374258	101.462	ug/l	99
69) o-Xylene	10.074	106	188795	49.601	ug/l	98
70) Styrene	10.090	104	312268	51.076	ug/l	100
71) Bromoform	10.264	173	82010	49.907	ug/l #	99
73) Isopropylbenzene	10.460	105	509167	48.255	ug/l	99
74) N-amyl acetate	10.299	43	166198	45.209	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.756	83	184049	45.422	ug/l	100
76) 1,2,3-Trichloropropane	10.798	75	188311	44.494	ug/l #	100
77) Bromobenzene	10.759	156	126496	47.649	ug/l	98
78) n-propylbenzene	10.881	91	589344	48.689	ug/l	99
79) 2-Chlorotoluene	10.962	91	365677	46.739	ug/l	99
80) 1,3,5-Trimethylbenzene	11.061	105	430709	48.682	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.521	75	38619	48.611	ug/l	99
82) 4-Chlorotoluene	11.071	91	421174	47.373	ug/l	100
83) tert-Butylbenzene	11.396	119	438875	47.623	ug/l	99
84) 1,2,4-Trimethylbenzene	11.441	105	420699	48.455	ug/l	100
85) sec-Butylbenzene	11.617	105	564053	48.452	ug/l	100
86) p-Isopropyltoluene	11.769	119	457022	48.904	ug/l	100
87) 1,3-Dichlorobenzene	11.720	146	242643	48.649	ug/l	99
88) 1,4-Dichlorobenzene	11.810	146	242246	46.424	ug/l	99
89) n-Butylbenzene	12.183	91	397121	46.270	ug/l	99
90) Hexachloroethane	12.447	117	69022	48.413	ug/l	99
91) 1,2-Dichlorobenzene	12.187	146	237729	47.739	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.968	75	36796	44.318	ug/l	98
93) 1,2,4-Trichlorobenzene	13.814	180	139265	43.867	ug/l	99
94) Hexachlorobutadiene	13.994	225	76010	47.517	ug/l	98
95) Naphthalene	14.061	128	358472	41.681	ug/l	99
96) 1,2,3-Trichlorobenzene	14.302	180	131581	44.579	ug/l	99

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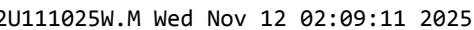
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

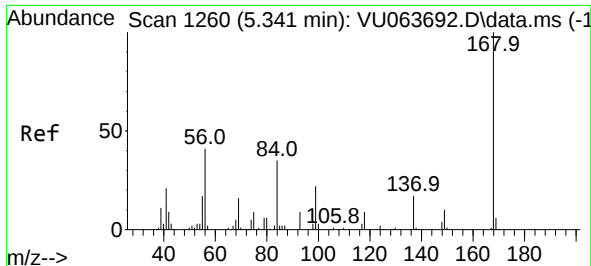
Quant Time: Nov 12 02:09:00 2025
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Quant Title : SW846 8260
QLast Update : Tue Nov 11 01:41:19 2025
Response via : Initial Calibration

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

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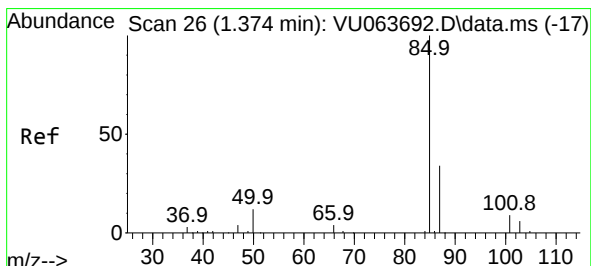
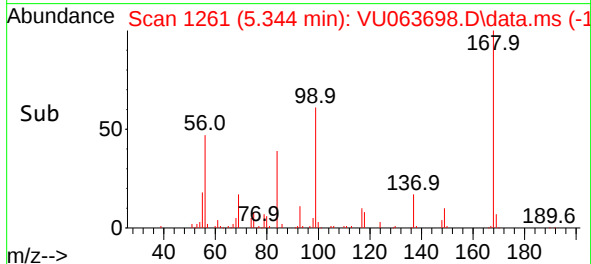
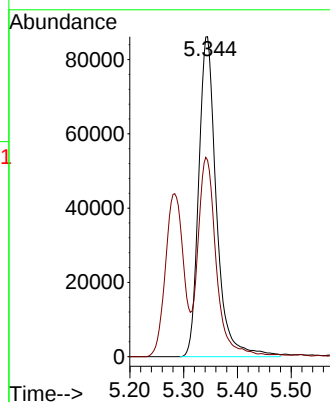
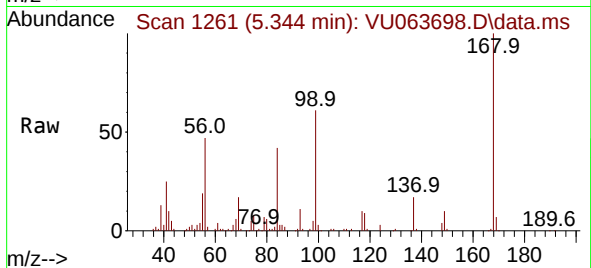




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.344 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

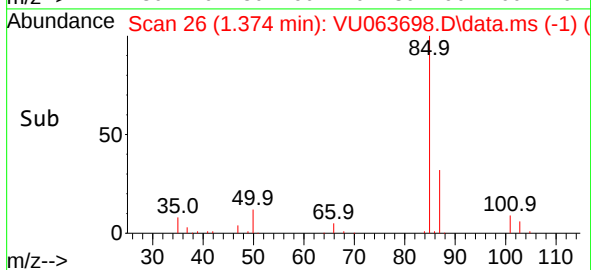
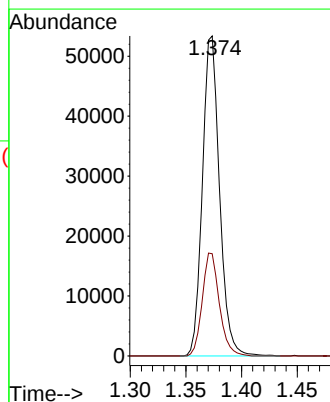
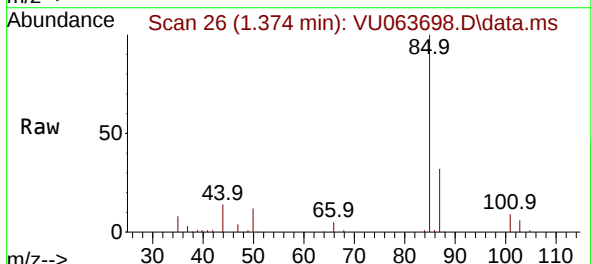
Instrument :
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ClientSampleId :
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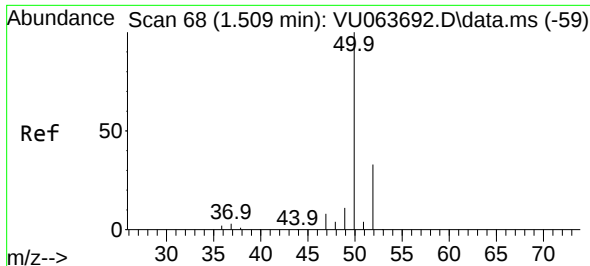
Tgt Ion:168 Resp: 197765
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 47.825 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 85 Resp: 57119
Ion Ratio Lower Upper
85 100
87 31.9 17.0 51.0

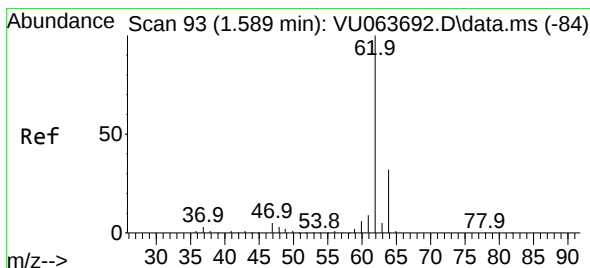
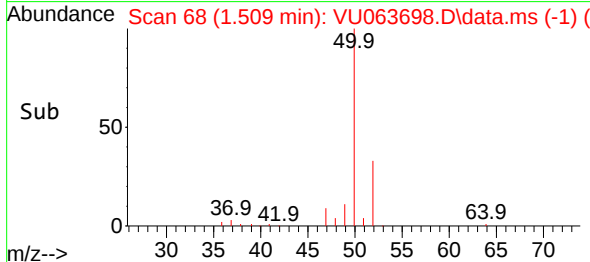
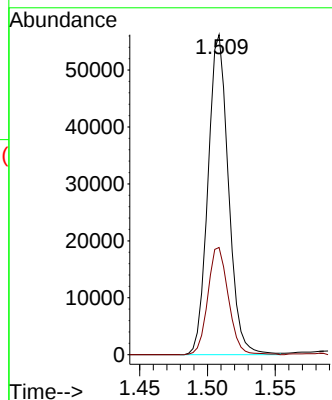
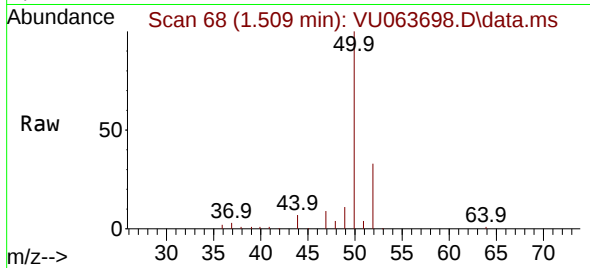




#3
Chloromethane
Concen: 50.576 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

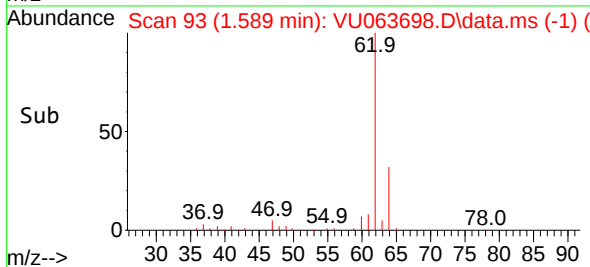
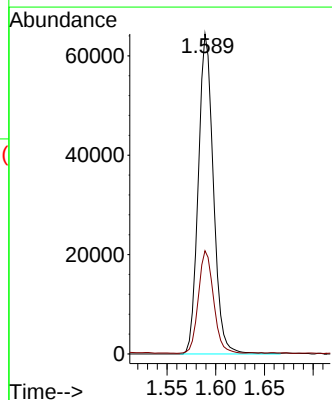
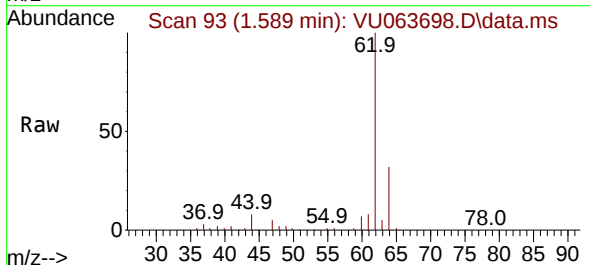
Instrument :
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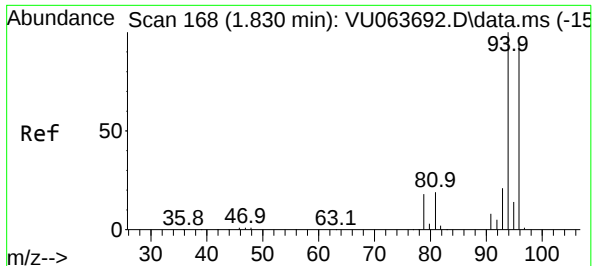
Tgt Ion: 50 Resp: 59027
Ion Ratio Lower Upper
50 100
52 33.5 26.3 39.5



#4
Vinyl Chloride
Concen: 47.216 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 62 Resp: 69360
Ion Ratio Lower Upper
62 100
64 32.0 25.9 38.9

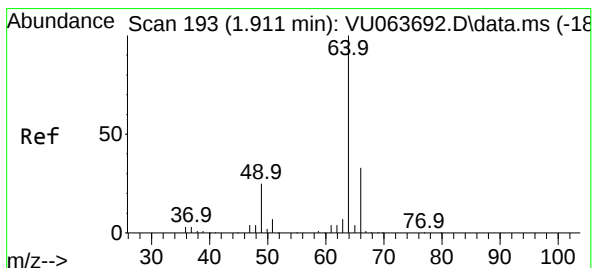
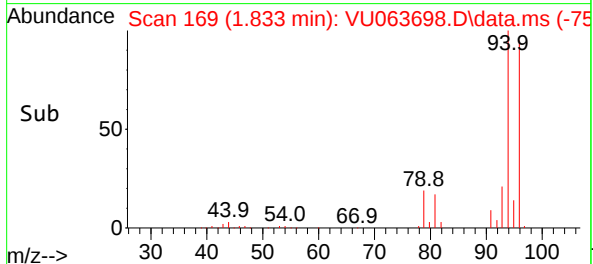
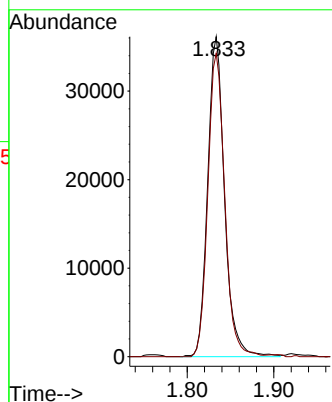
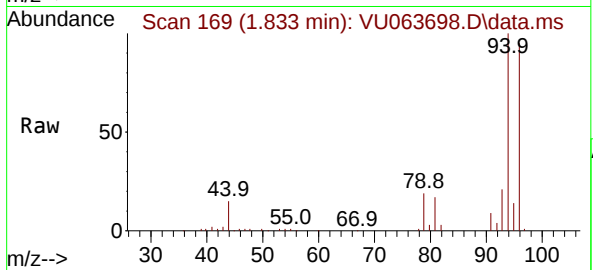




#5
Bromomethane
Concen: 54.848 ug/l
RT: 1.833 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

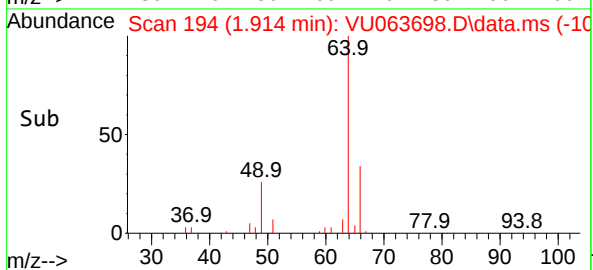
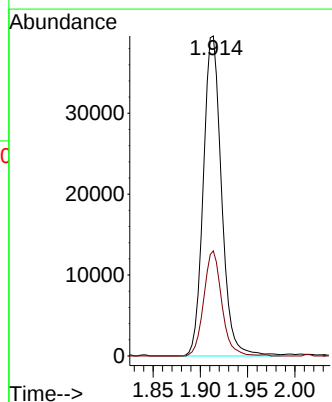
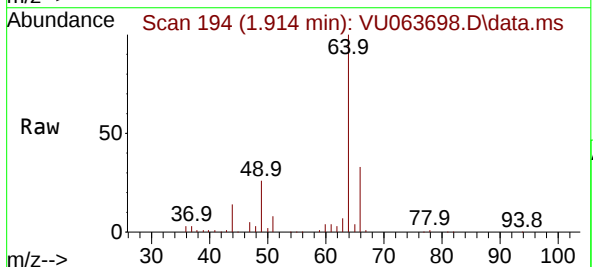
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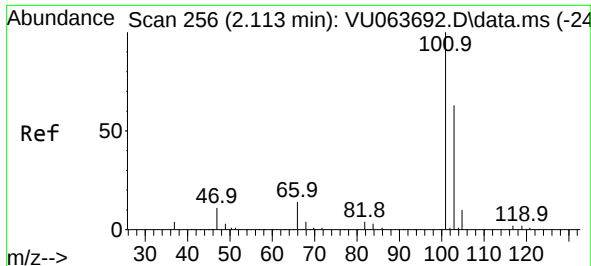
Tgt Ion: 94 Resp: 48844
Ion Ratio Lower Upper
94 100
96 94.8 74.8 112.2



#6
Chloroethane
Concen: 47.760 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.003 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 64 Resp: 53058
Ion Ratio Lower Upper
64 100
66 32.8 26.4 39.6

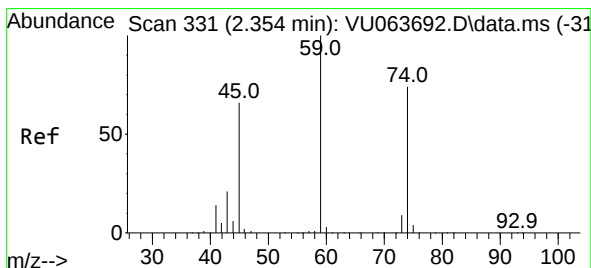
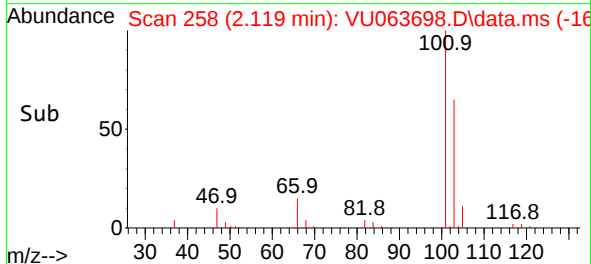
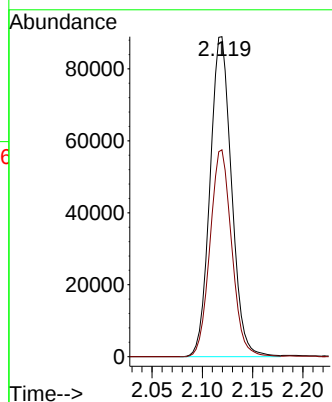
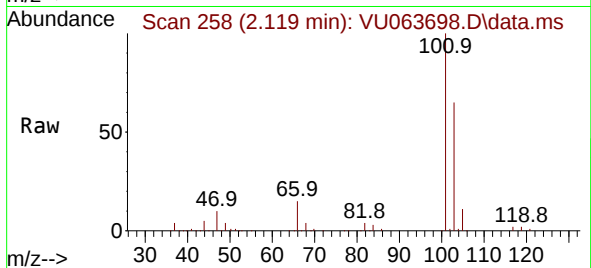




#7
 Trichlorofluoromethane
 Concen: 47.190 ug/l
 RT: 2.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VU063698.D
 Acq: 11 Nov 2025 09:54

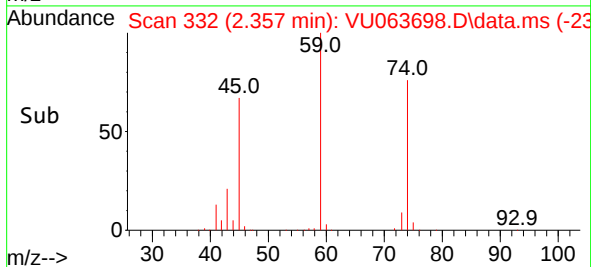
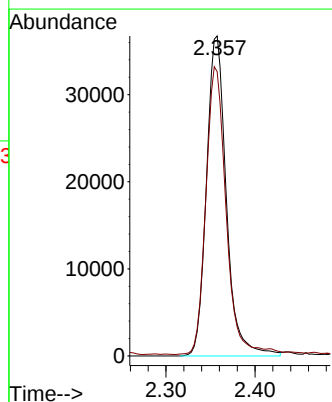
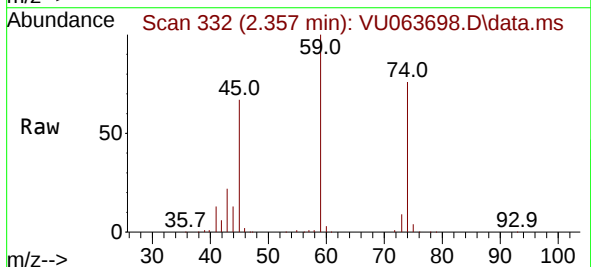
Instrument :
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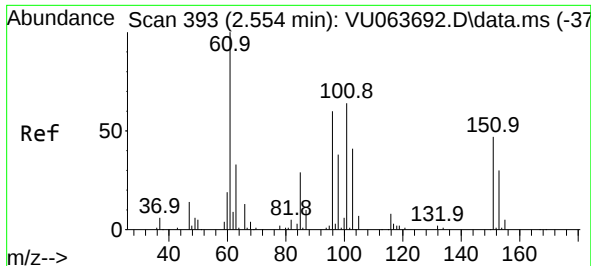
Tgt Ion:101 Resp: 132640
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.3 75.5



#8
 Diethyl Ether
 Concen: 47.564 ug/l
 RT: 2.357 min Scan# 332
 Delta R.T. 0.003 min
 Lab File: VU063698.D
 Acq: 11 Nov 2025 09:54

Tgt Ion: 74 Resp: 56838
 Ion Ratio Lower Upper
 74 100
 45 90.5 44.1 132.4

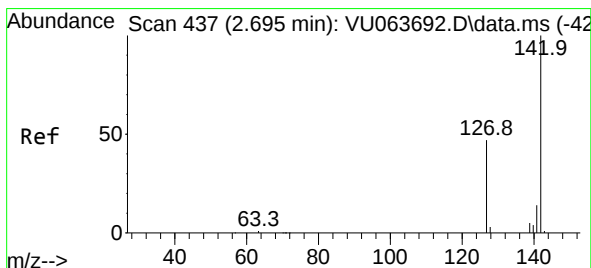
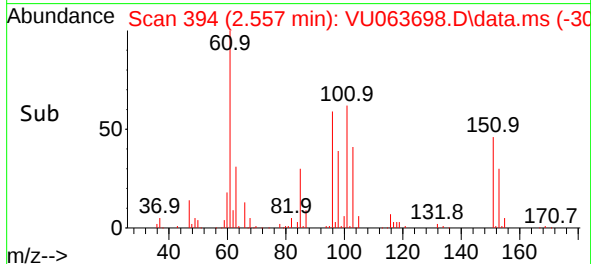
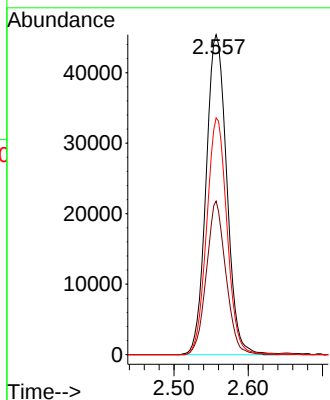
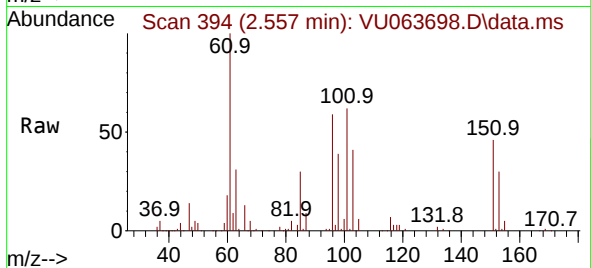




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.058 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

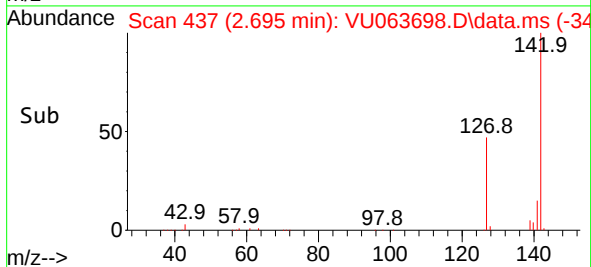
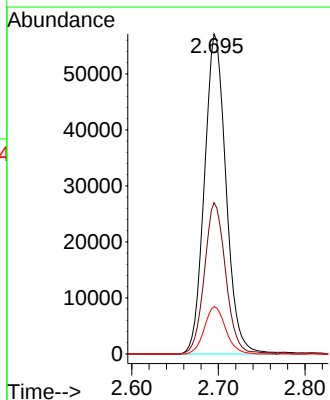
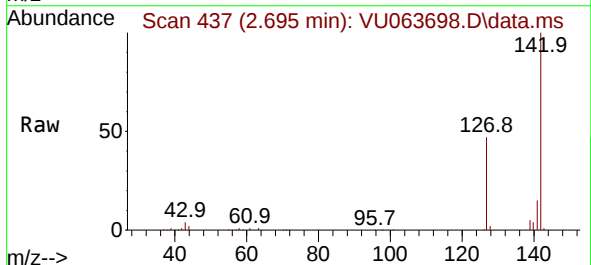
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

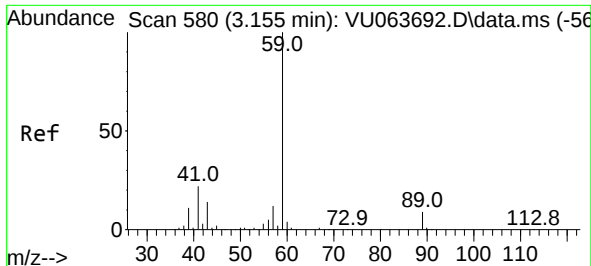
Tgt Ion:101 Resp: 87613
Ion Ratio Lower Upper
101 100
85 45.2 36.2 54.4
151 72.8 58.5 87.7



#10
Methyl Iodide
Concen: 50.132 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion:142 Resp: 99147
Ion Ratio Lower Upper
142 100
127 46.7 37.2 55.8
141 14.6 11.4 17.0





#11

Tert butyl alcohol

Concen: 195.660 ug/l

RT: 3.148 min Scan# 51

Delta R.T. -0.007 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

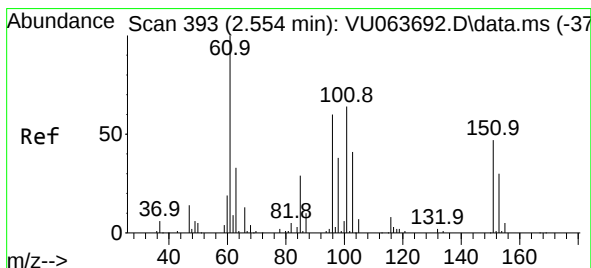
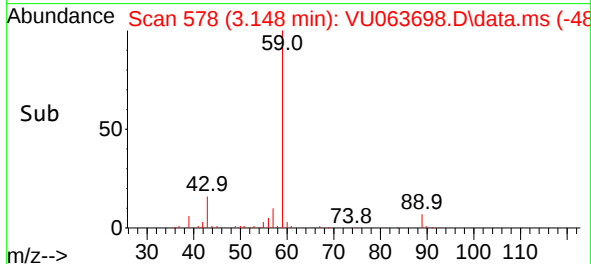
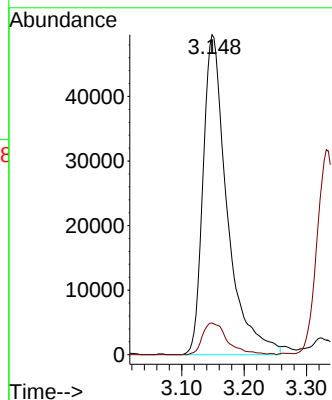
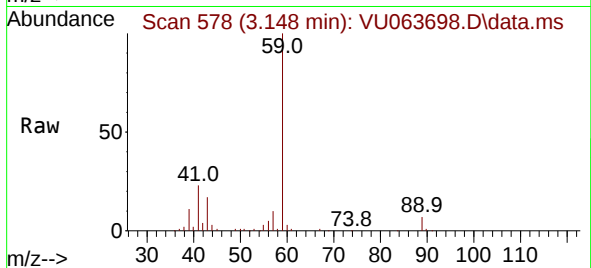
VSTDCCC050

Tgt Ion: 59 Resp: 133365

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.2



#12

1,1-Dichloroethene

Concen: 47.311 ug/l

RT: 2.557 min Scan# 394

Delta R.T. 0.003 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

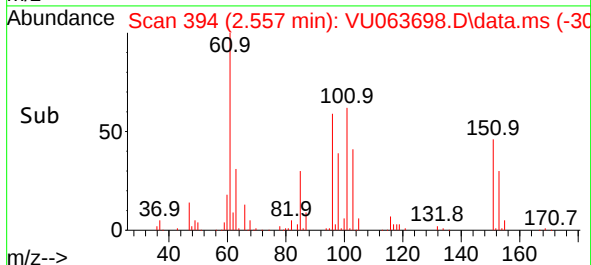
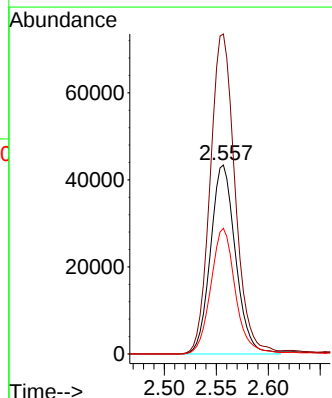
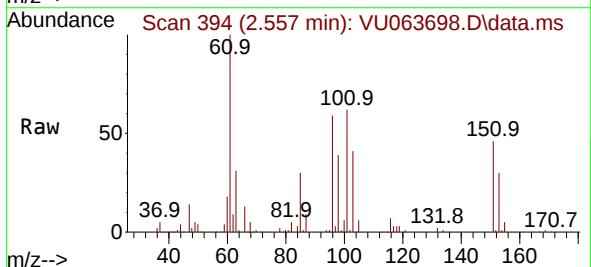
Tgt Ion: 96 Resp: 72753

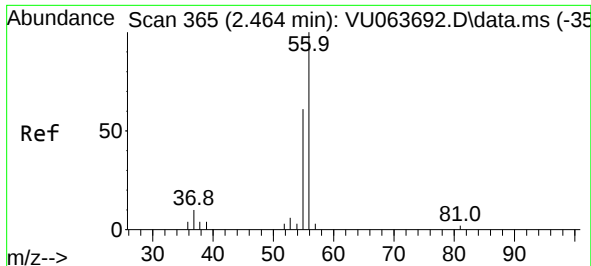
Ion Ratio Lower Upper

96 100

61 169.4 133.1 199.7

98 66.5 50.7 76.1

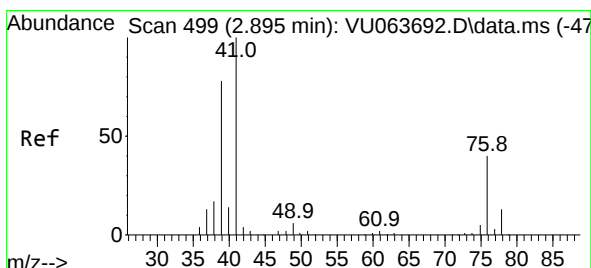
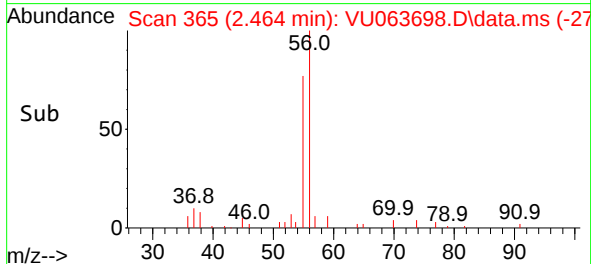
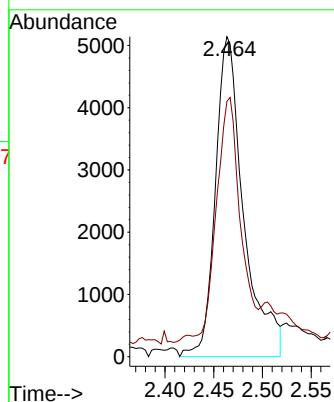
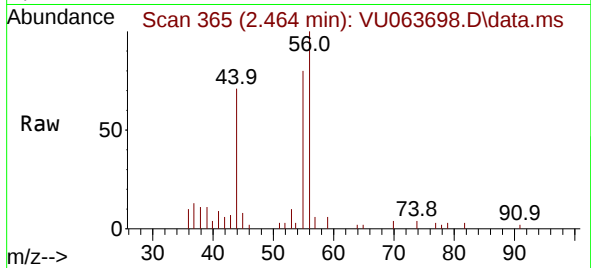




#13
Acrolein
Concen: 236.140 ug/l
RT: 2.464 min Scan# 30
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

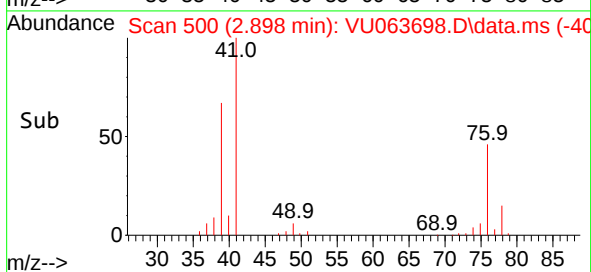
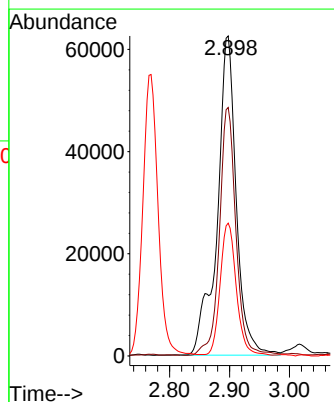
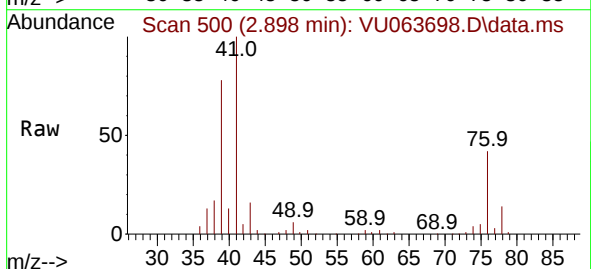
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

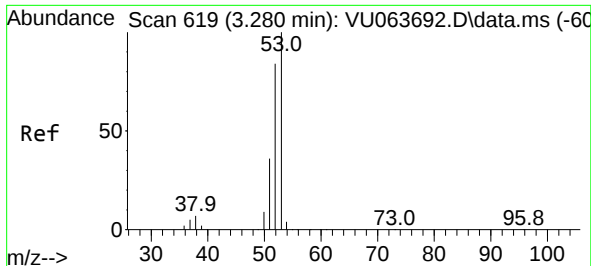
Tgt Ion: 56 Resp: 10376
Ion Ratio Lower Upper
56 100
55 60.9 47.1 70.7



#14
Allyl chloride
Concen: 48.205 ug/l
RT: 2.898 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 41 Resp: 138251
Ion Ratio Lower Upper
41 100
39 67.1 53.1 79.7
76 34.7 26.4 39.6

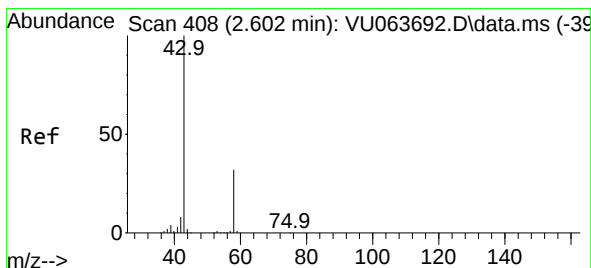
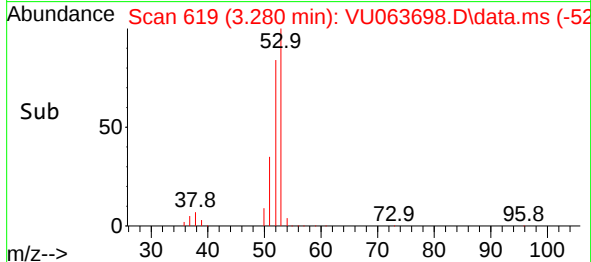
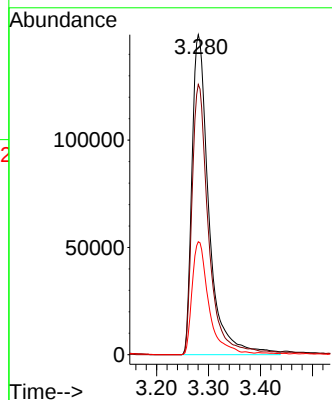
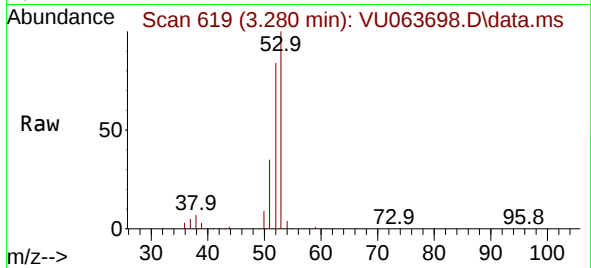




#15
Acrylonitrile
Concen: 242.519 ug/l
RT: 3.280 min Scan# 619
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

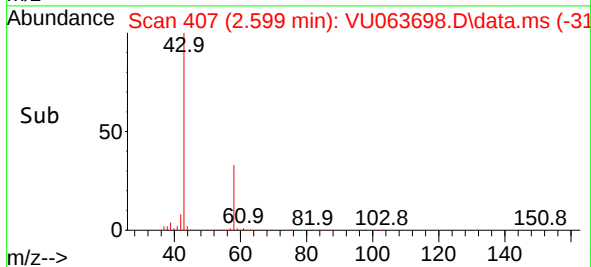
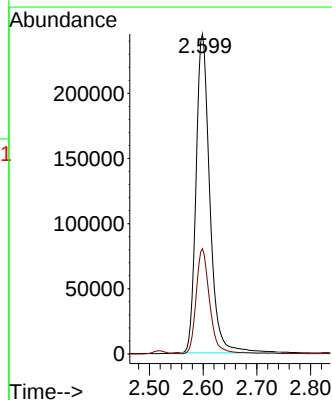
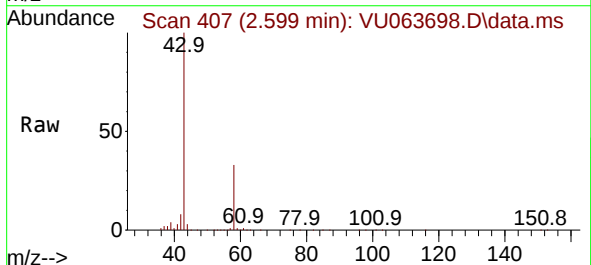
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

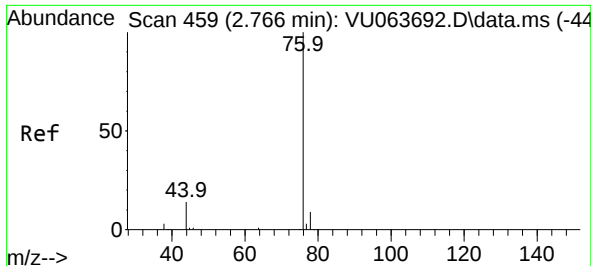
Tgt Ion: 53 Resp: 338541
Ion Ratio Lower Upper
53 100
52 82.0 67.5 101.3
51 34.7 29.0 43.6



#16
Acetone
Concen: 270.754 ug/l
RT: 2.599 min Scan# 407
Delta R.T. -0.003 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 43 Resp: 433953
Ion Ratio Lower Upper
43 100
58 32.9 25.4 38.2

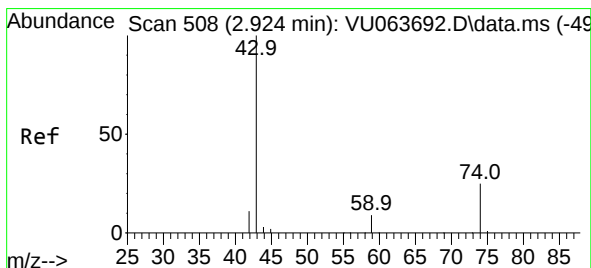
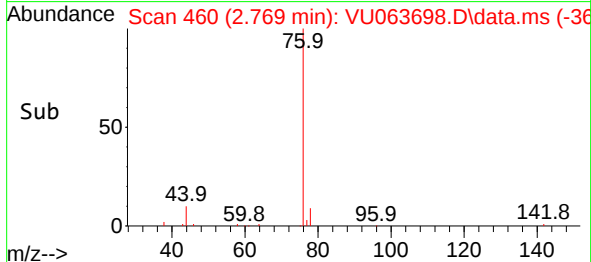
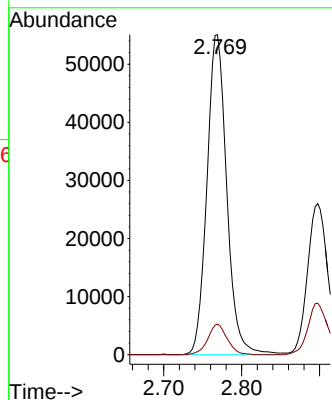
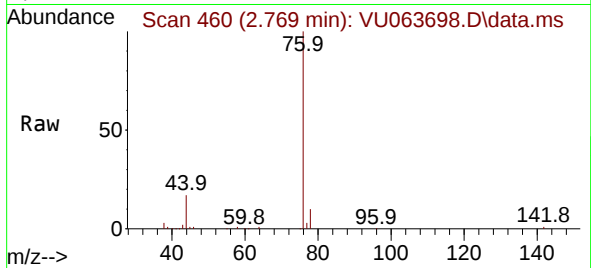




#17
Carbon Disulfide
Concen: 49.726 ug/l
RT: 2.769 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

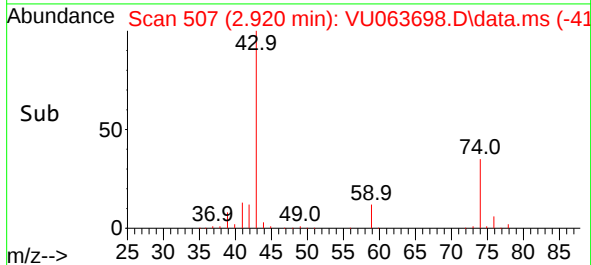
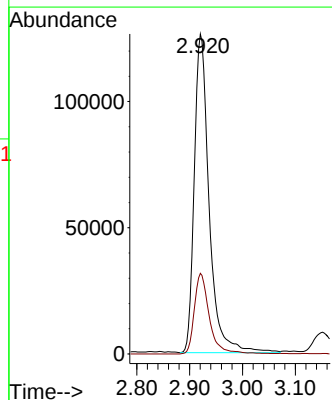
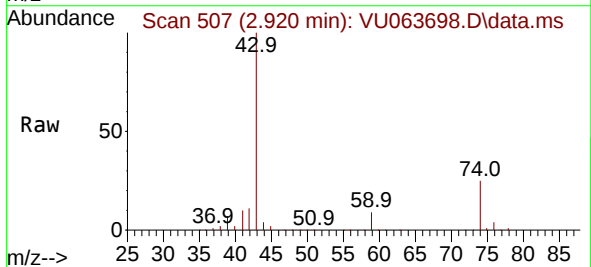
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

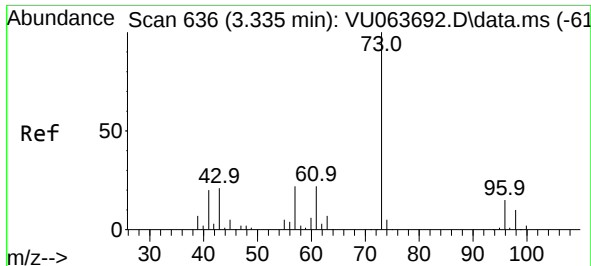
Tgt Ion: 76 Resp: 97431
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 48.093 ug/l
RT: 2.920 min Scan# 507
Delta R.T. -0.004 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 43 Resp: 246386
Ion Ratio Lower Upper
43 100
74 25.3 20.6 31.0

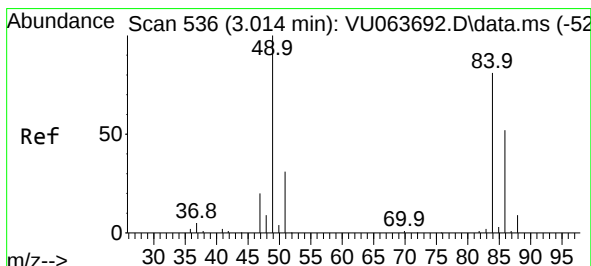
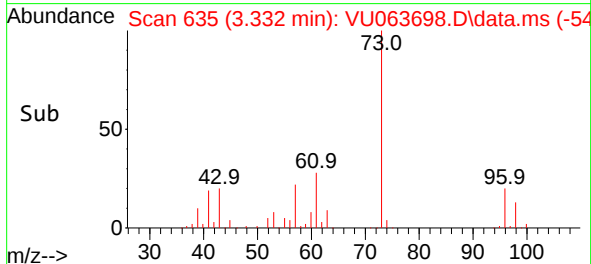
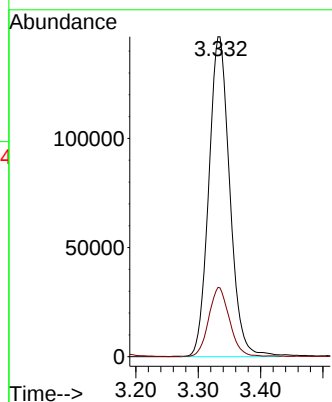
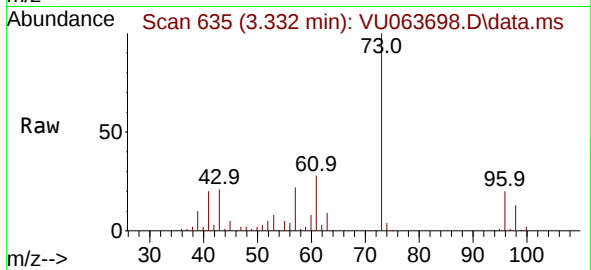




#19
Methyl tert-butyl Ether
Concen: 49.415 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

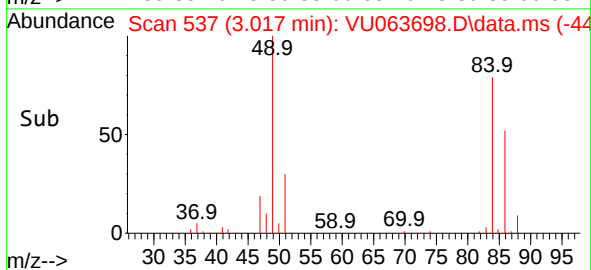
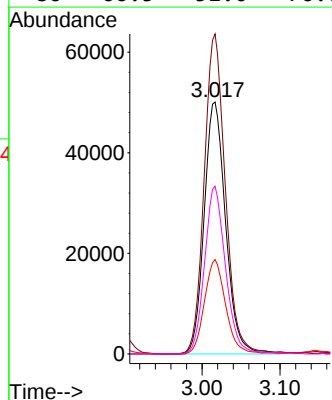
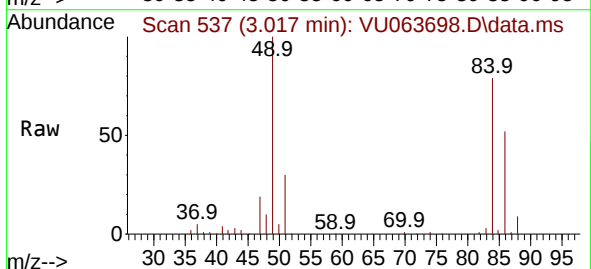
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

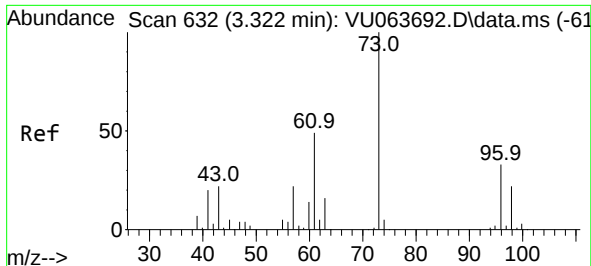
Tgt Ion: 73 Resp: 342871
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.2



#20
Methylene Chloride
Concen: 50.935 ug/l
RT: 3.017 min Scan# 537
Delta R.T. 0.003 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 84 Resp: 95954
Ion Ratio Lower Upper
84 100
49 126.7 98.4 147.6
51 37.5 30.1 45.1
86 66.5 51.0 76.6

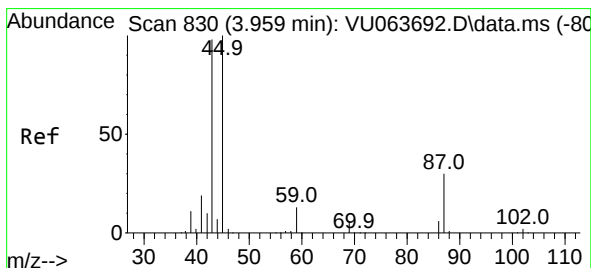
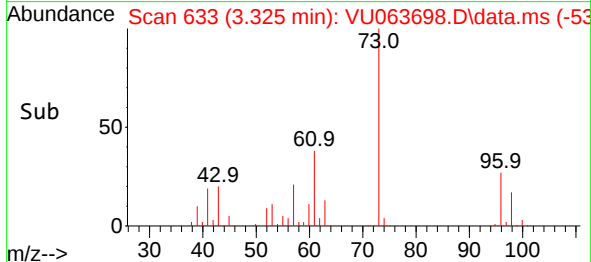
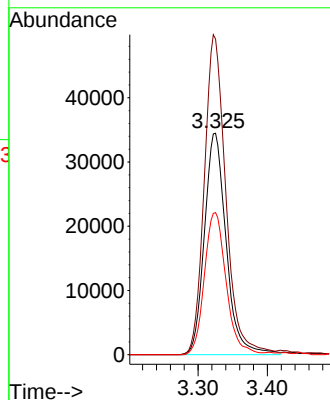
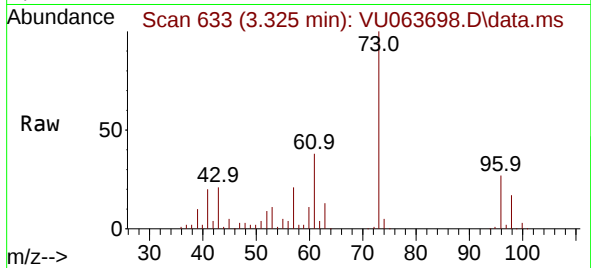




#21
trans-1,2-Dichloroethene
Concen: 47.658 ug/l
RT: 3.325 min Scan# 611
Delta R.T. 0.003 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

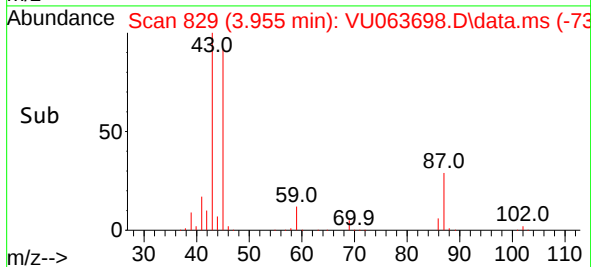
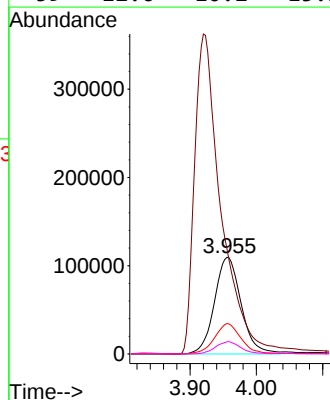
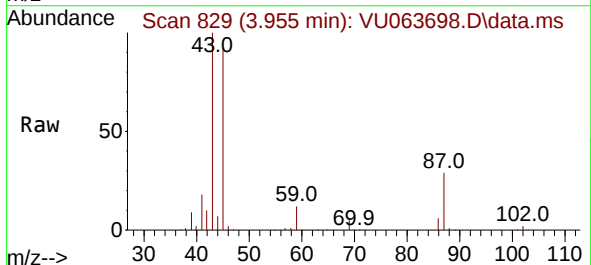
Instrument :
MSVOA_U
ClientSampleId :
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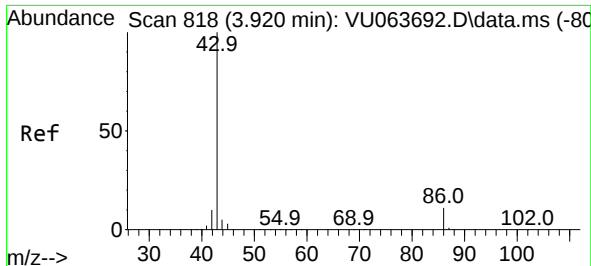
Tgt Ion: 96 Resp: 75242
Ion Ratio Lower Upper
96 100
61 142.6 117.5 176.3
98 64.2 52.7 79.1



#22
Diisopropyl ether
Concen: 48.485 ug/l
RT: 3.955 min Scan# 829
Delta R.T. -0.003 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 45 Resp: 306259
Ion Ratio Lower Upper
45 100
43 108.7 78.1 117.1
87 31.4 23.8 35.8
59 12.6 10.2 15.2

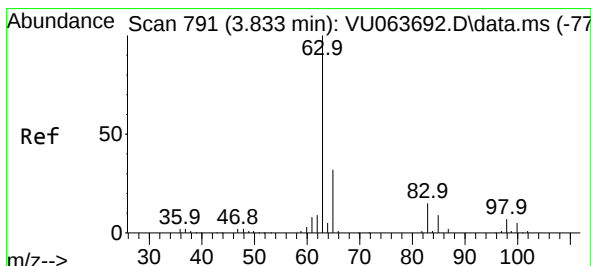
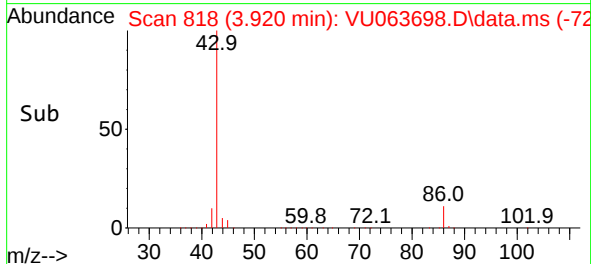
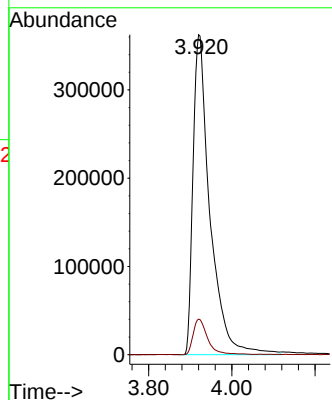
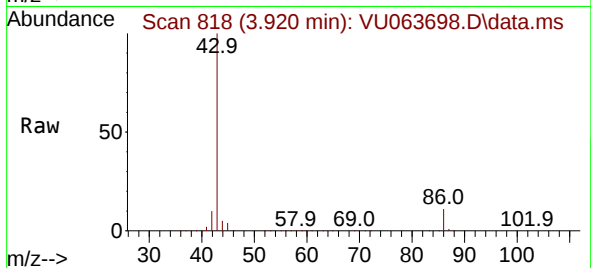




#23
 Vinyl Acetate
 Concen: 238.022 ug/l
 RT: 3.920 min Scan# 818
 Delta R.T. -0.000 min
 Lab File: VU063698.D
 Acq: 11 Nov 2025 09:54

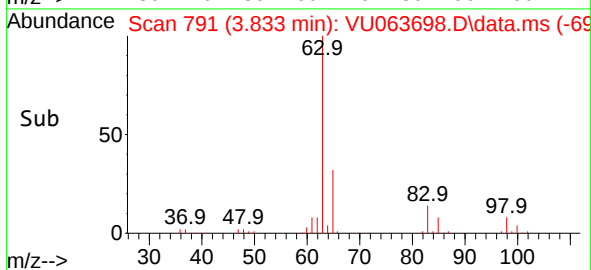
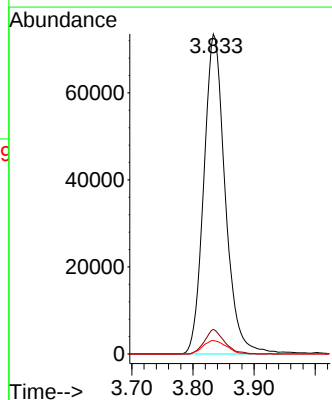
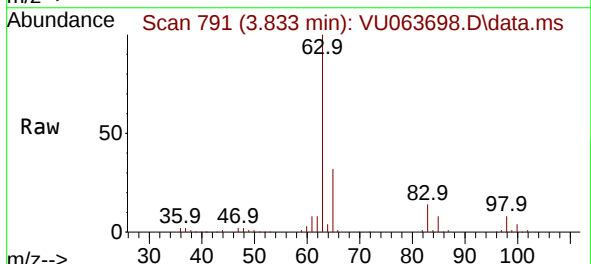
Instrument :
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 ClientSampleId :
 VSTDCCC050

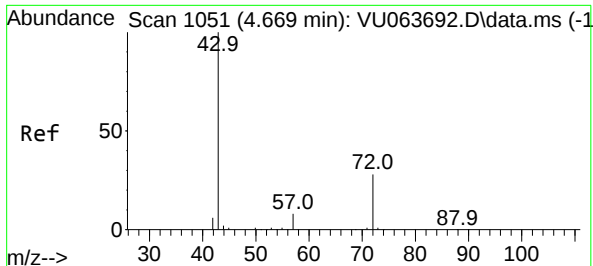
Tgt Ion: 43 Resp: 1025351
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 49.070 ug/l
 RT: 3.833 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VU063698.D
 Acq: 11 Nov 2025 09:54

Tgt Ion: 63 Resp: 178766
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.7 11.1
 100 4.2 2.5 7.5





#25

2-Butanone

Concen: 232.594 ug/l

RT: 4.666 min Scan# 1050

Delta R.T. -0.003 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

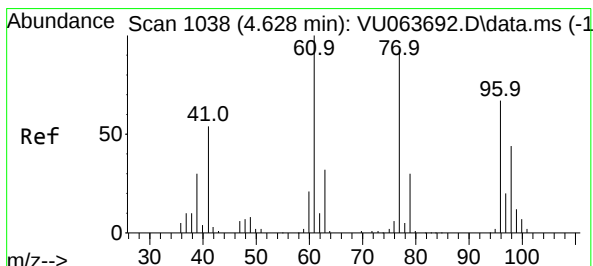
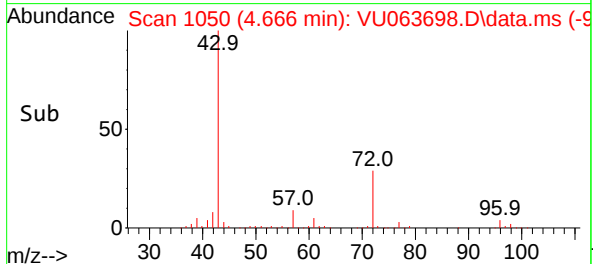
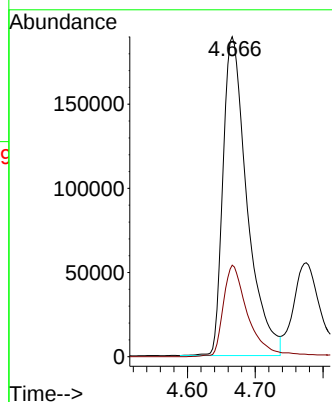
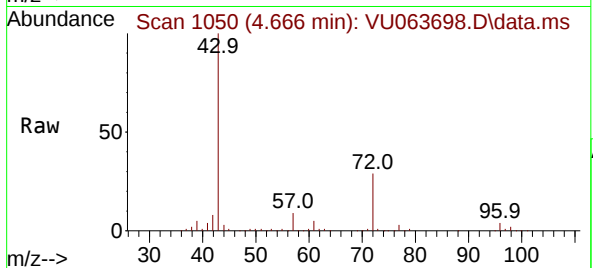
VSTDCCC050

Tgt Ion: 43 Resp: 467865

Ion Ratio Lower Upper

43 100

72 28.7 22.0 33.0



#26

2,2-Dichloropropane

Concen: 48.292 ug/l

RT: 4.627 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VU063698.D

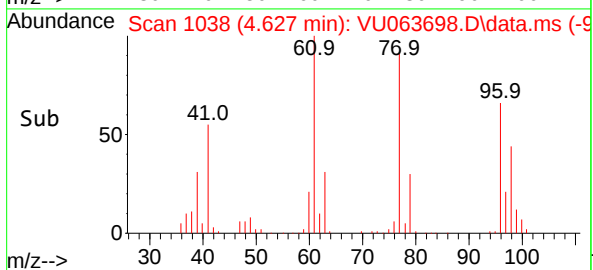
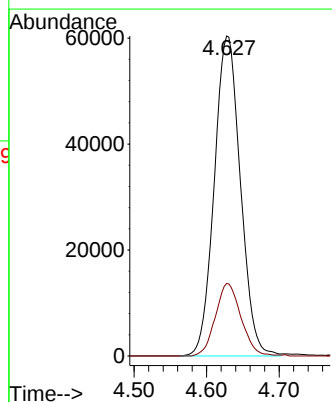
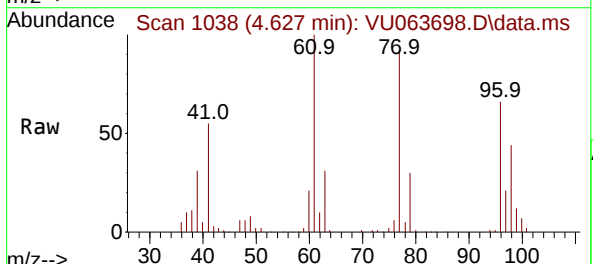
Acq: 11 Nov 2025 09:54

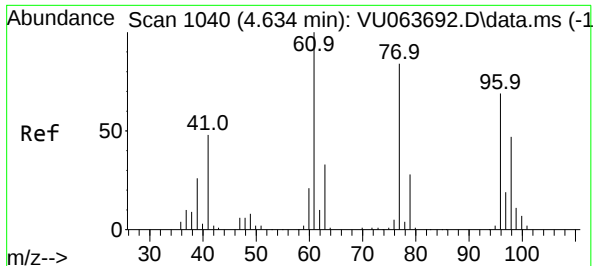
Tgt Ion: 77 Resp: 151101

Ion Ratio Lower Upper

77 100

97 22.2 10.9 32.9

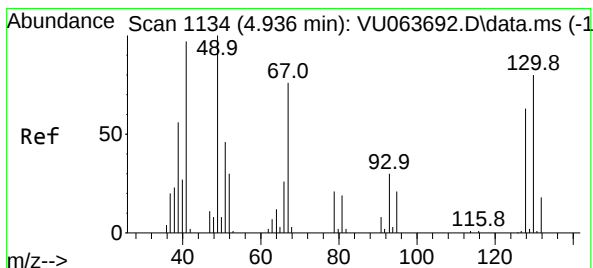
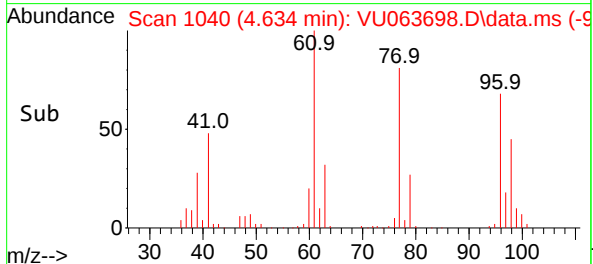
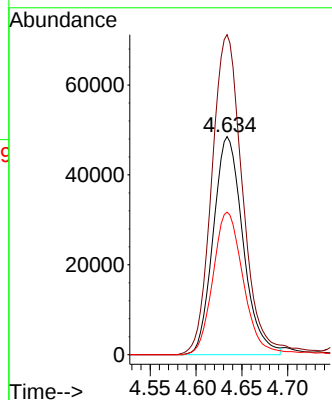
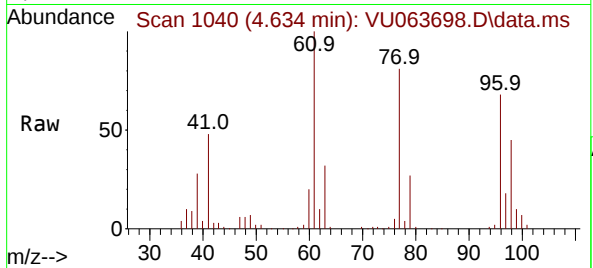




#27
 cis-1,2-Dichloroethene
 Concen: 47.486 ug/l
 RT: 4.634 min Scan# 1040
 Delta R.T. -0.000 min
 Lab File: VU063698.D
 Acq: 11 Nov 2025 09:54

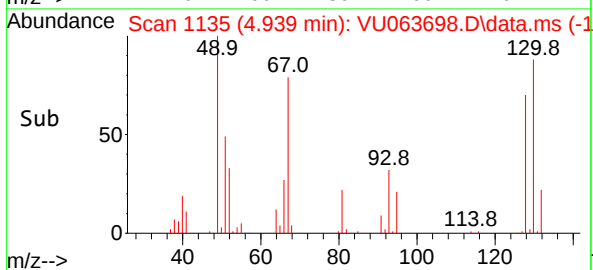
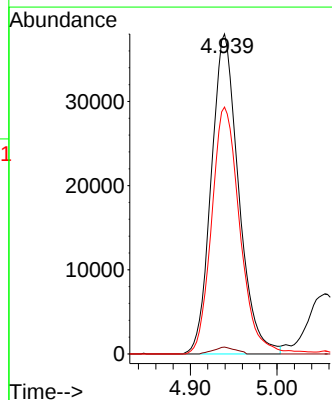
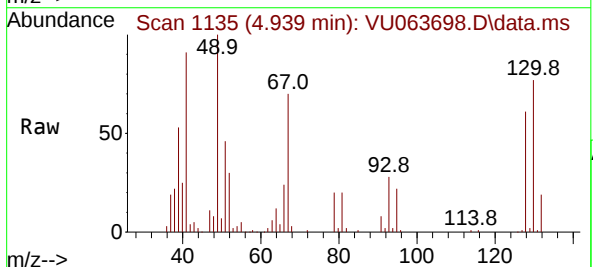
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

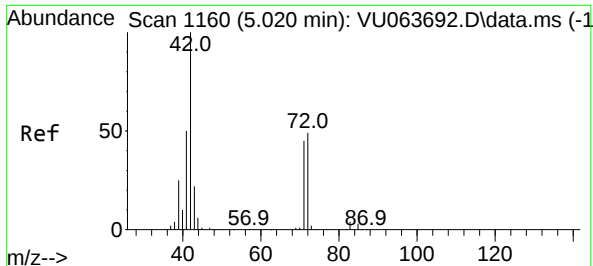
Tgt Ion: 96 Resp: 109531
 Ion Ratio Lower Upper
 96 100
 61 153.2 0.0 295.4
 98 66.8 0.0 131.8



#28
 Bromochloromethane
 Concen: 57.323 ug/l
 RT: 4.939 min Scan# 1135
 Delta R.T. 0.003 min
 Lab File: VU063698.D
 Acq: 11 Nov 2025 09:54

Tgt Ion: 49 Resp: 83570
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 79.7 65.1 97.7





#29

Tetrahydrofuran

Concen: 227.940 ug/l

RT: 5.016 min Scan# 1159

Delta R.T. -0.003 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

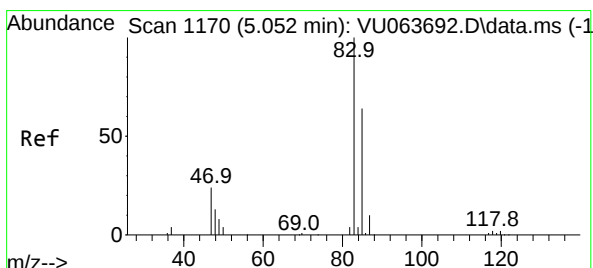
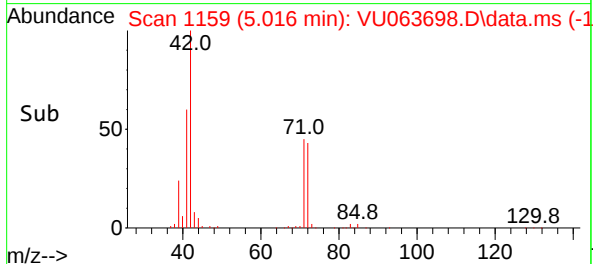
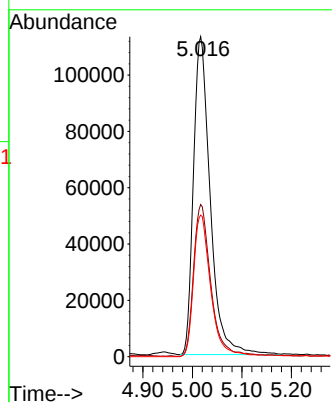
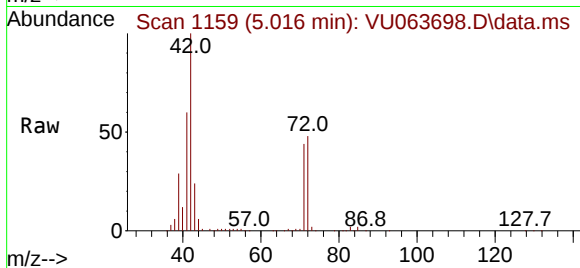
Tgt Ion: 42 Resp: 266796

Ion Ratio Lower Upper

42 100

72 49.0 40.0 60.0

71 45.5 37.4 56.0



#30

Chloroform

Concen: 50.634 ug/l

RT: 5.055 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VU063698.D

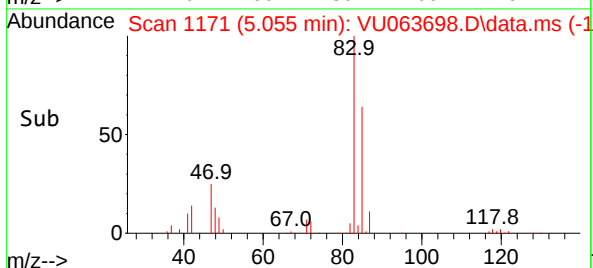
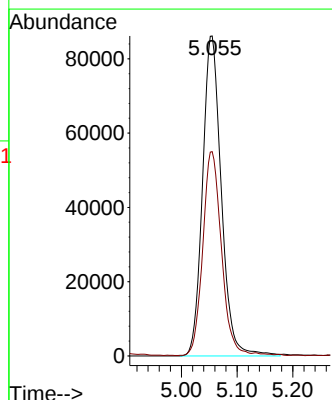
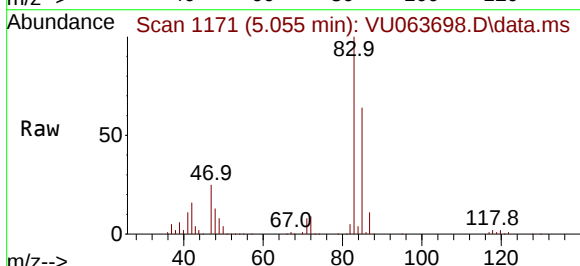
Acq: 11 Nov 2025 09:54

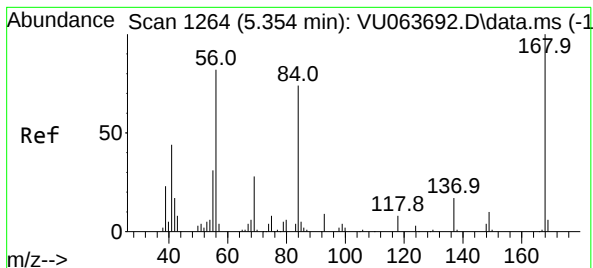
Tgt Ion: 83 Resp: 202088

Ion Ratio Lower Upper

83 100

85 63.7 51.0 76.6





#31

Cyclohexane

Concen: 51.260 ug/l

RT: 5.354 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

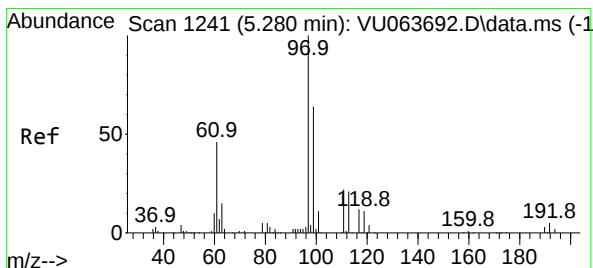
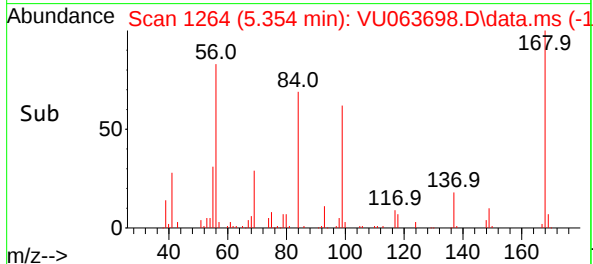
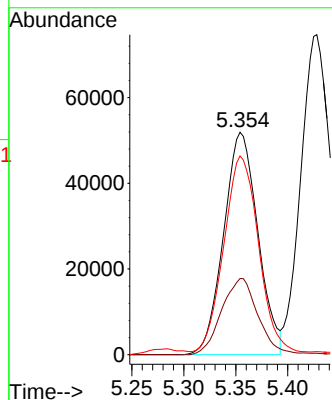
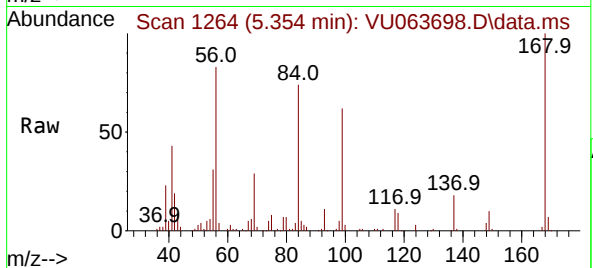
Tgt Ion: 56 Resp: 119010

Ion Ratio Lower Upper

56 100

69 34.3 27.0 40.6

84 87.7 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 49.030 ug/l

RT: 5.283 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

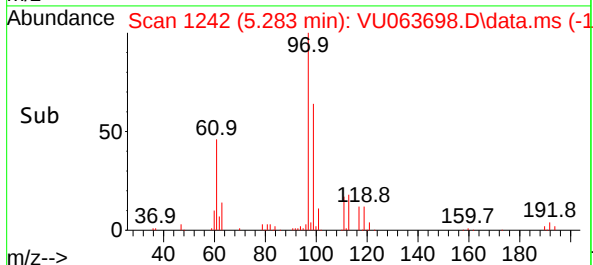
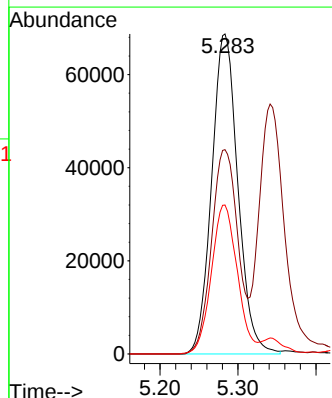
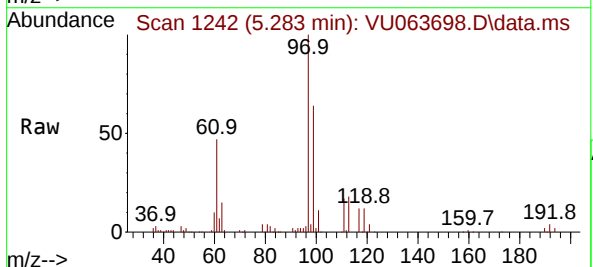
Tgt Ion: 97 Resp: 160579

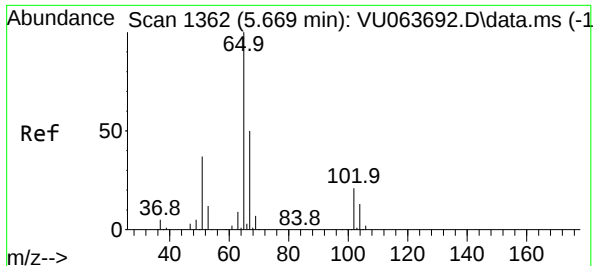
Ion Ratio Lower Upper

97 100

99 63.7 49.8 74.8

61 46.2 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 46.466 ug/l

RT: 5.669 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

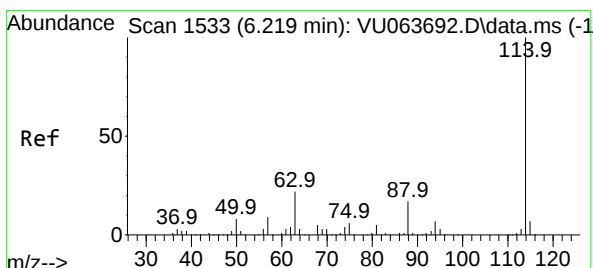
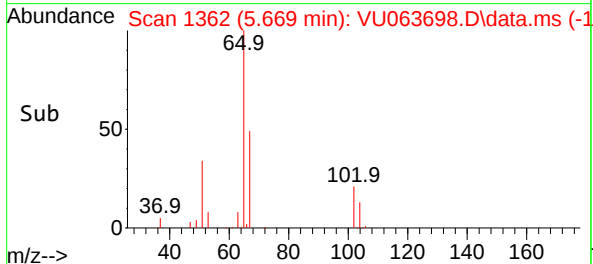
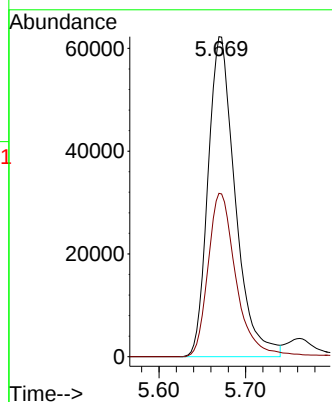
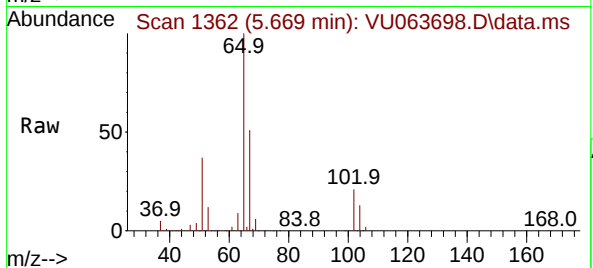
VSTDCCC050

Tgt Ion: 65 Resp: 135748

Ion Ratio Lower Upper

65 100

67 52.8 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: VU063698.D

Acq: 11 Nov 2025 09:54

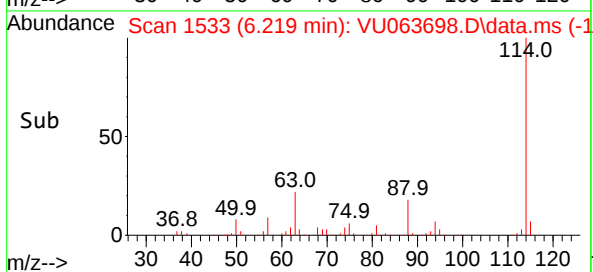
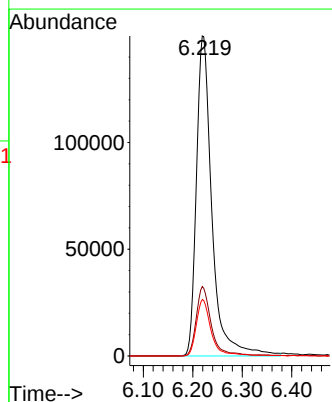
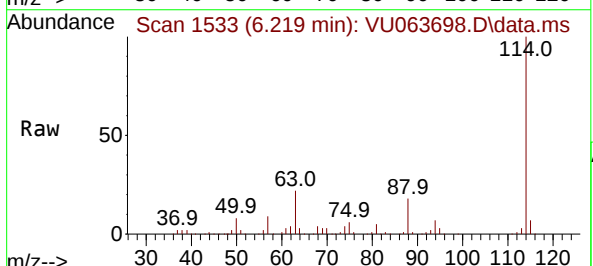
Tgt Ion: 114 Resp: 328241

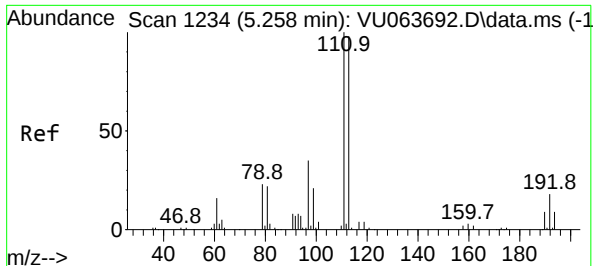
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

88 17.7 0.0 33.6

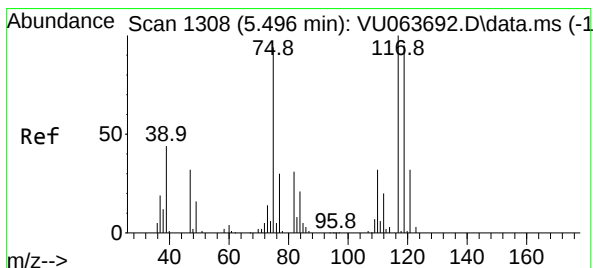
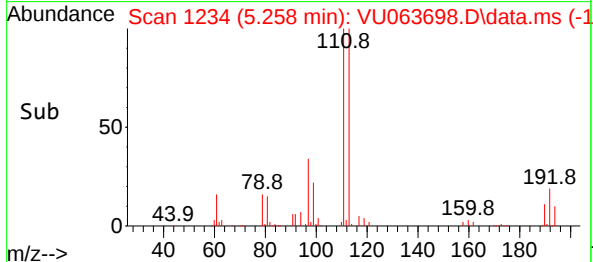
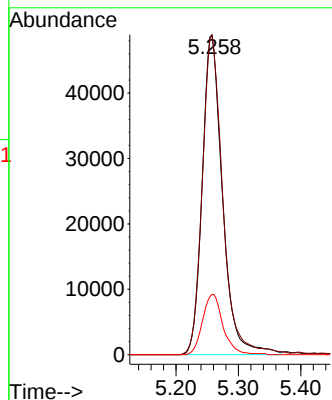
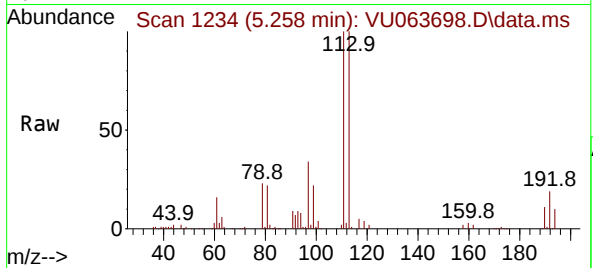




#35
Dibromofluoromethane
Concen: 48.067 ug/l
RT: 5.258 min Scan# 110506
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

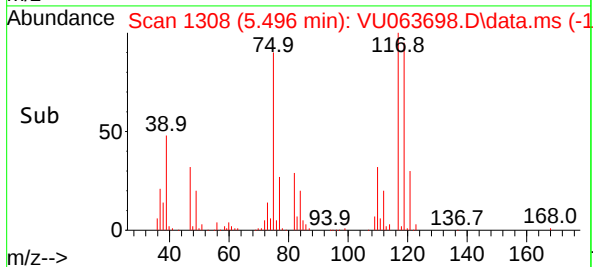
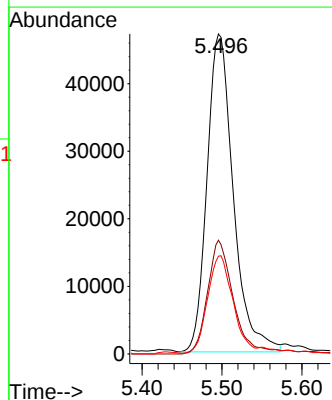
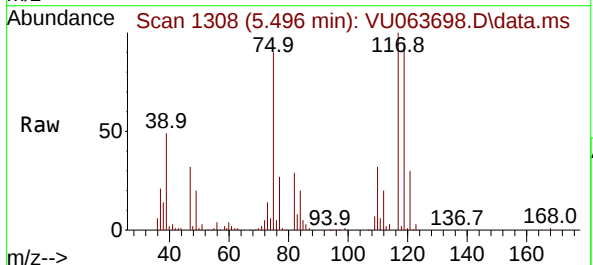
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

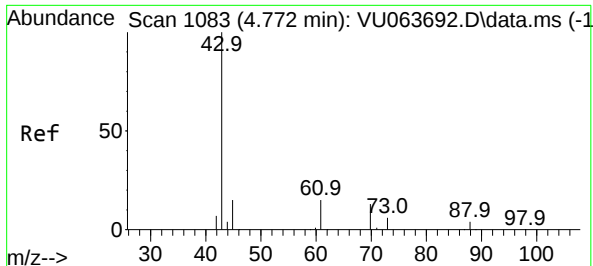
Tgt Ion:113 Resp: 110506
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 18.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 46.032 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 75 Resp: 107711
Ion Ratio Lower Upper
75 100
110 34.9 17.3 51.7
77 29.2 24.4 36.6

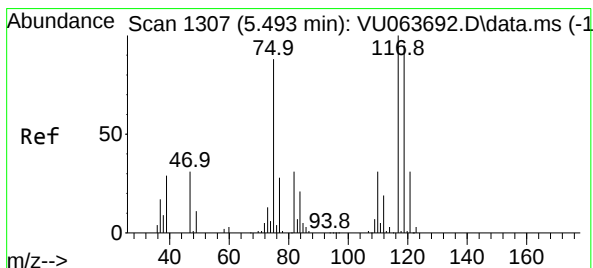
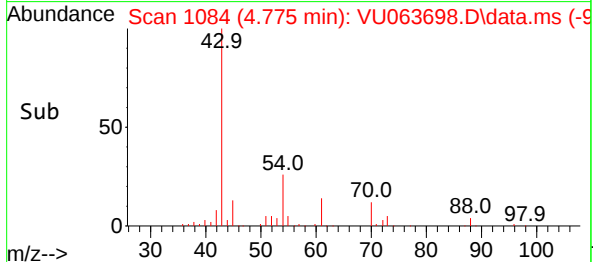
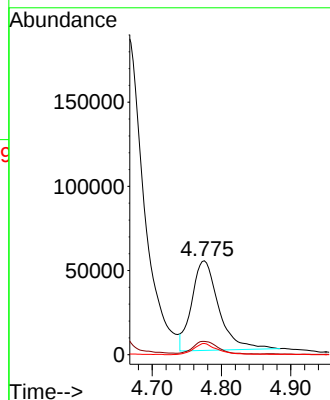
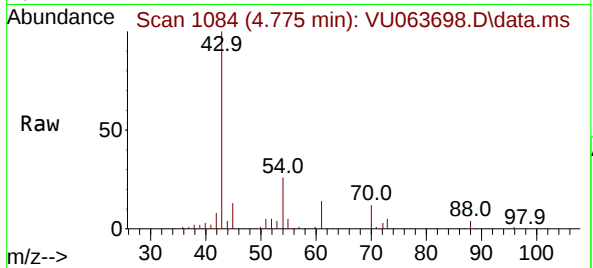




#37
Ethyl Acetate
Concen: 43.632 ug/l
RT: 4.775 min Scan# 1083
Delta R.T. 0.003 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

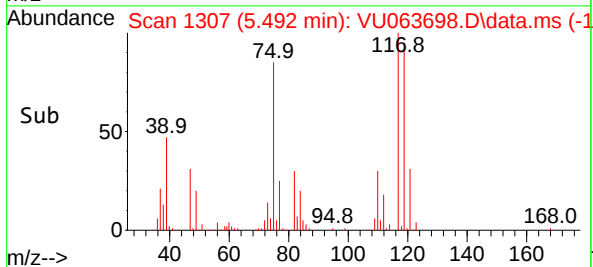
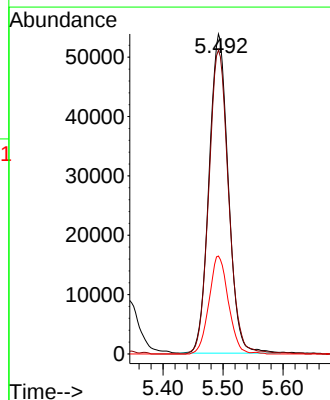
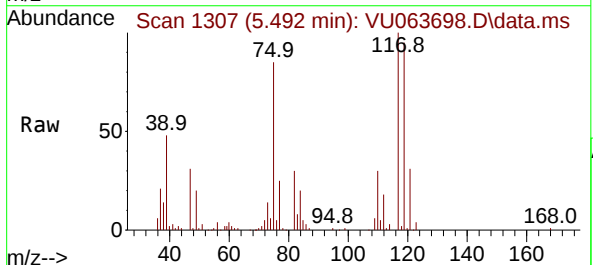
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

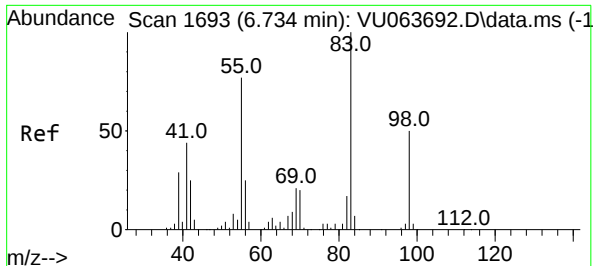
Tgt Ion: 43 Resp: 144565
Ion Ratio Lower Upper
43 100
61 12.9 10.3 15.5
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 47.456 ug/l
RT: 5.492 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 117 Resp: 120018
Ion Ratio Lower Upper
117 100
119 95.2 76.1 114.1
121 30.7 24.6 37.0





#39

Methylcyclohexane

Concen: 47.123 ug/l

RT: 6.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

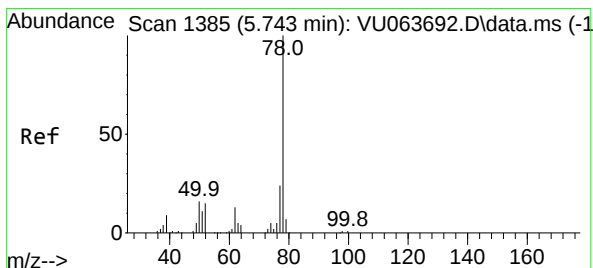
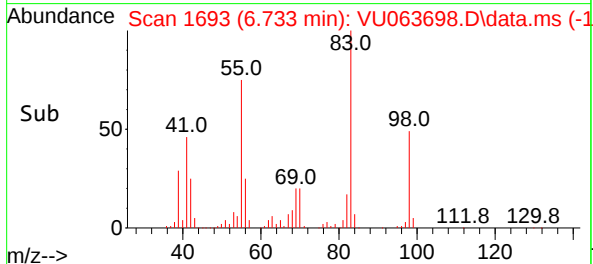
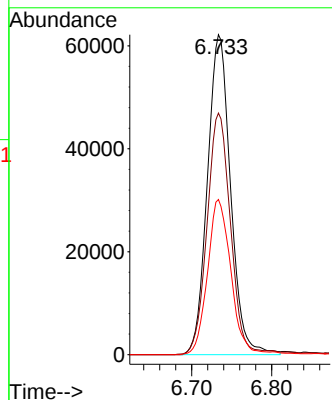
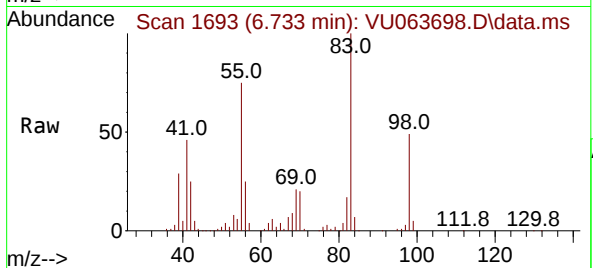
Tgt Ion: 83 Resp: 125188

Ion Ratio Lower Upper

83 100

55 75.3 61.6 92.4

98 48.5 40.0 60.0



#40

Benzene

Concen: 48.672 ug/l

RT: 5.743 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU063698.D

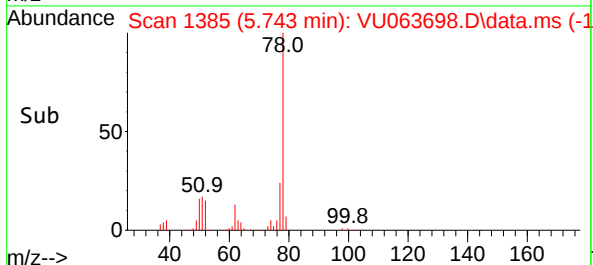
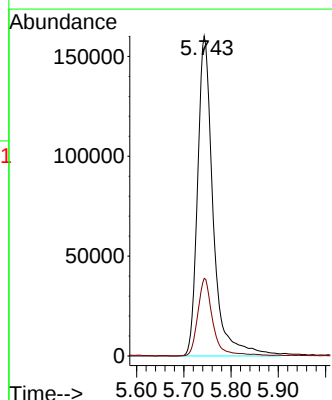
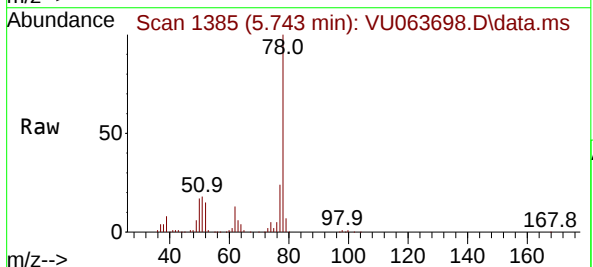
Acq: 11 Nov 2025 09:54

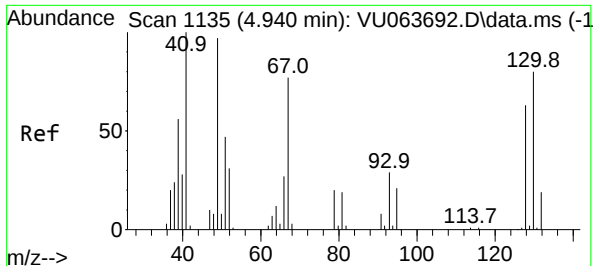
Tgt Ion: 78 Resp: 367519

Ion Ratio Lower Upper

78 100

77 24.2 18.9 28.3



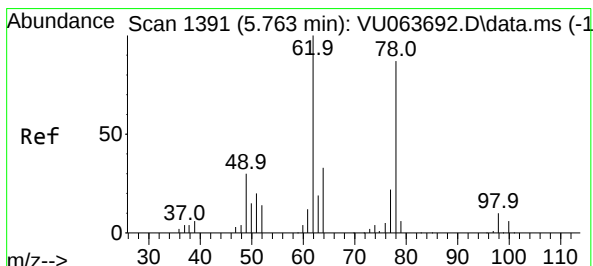
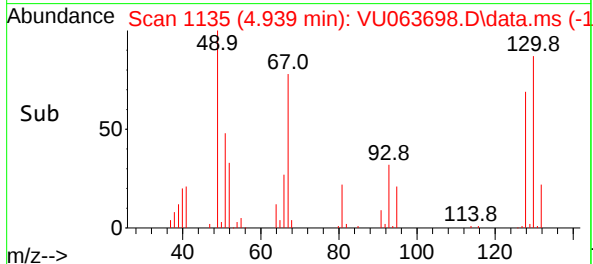
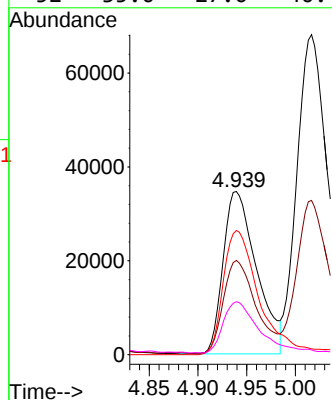
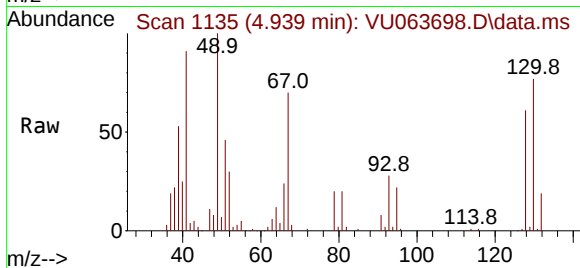


#41
Methacrylonitrile
Concen: 47.995 ug/l
RT: 4.939 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 82647

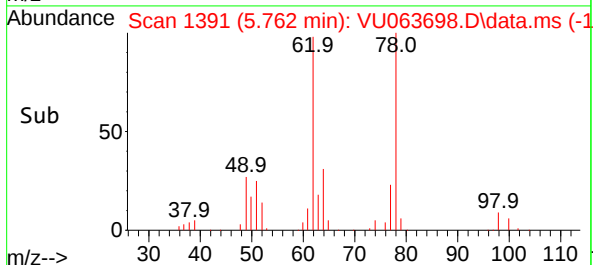
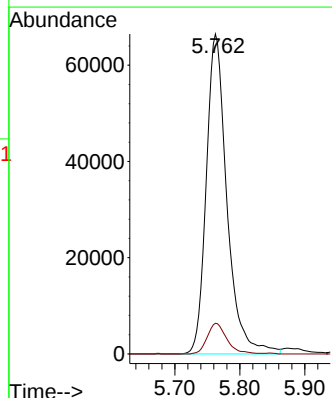
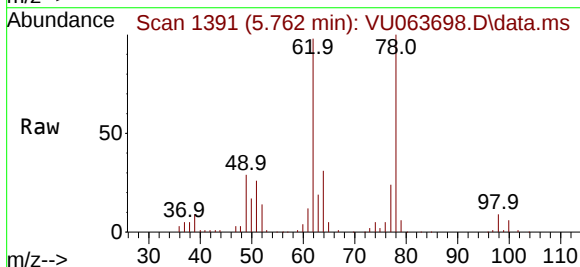
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.7	67.1
67	83.8	67.4	101.2
52	35.0	27.0	40.4

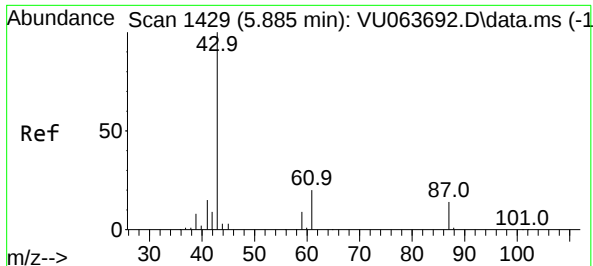


#42
1,2-Dichloroethane
Concen: 49.444 ug/l
RT: 5.762 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 62 Resp: 147250

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

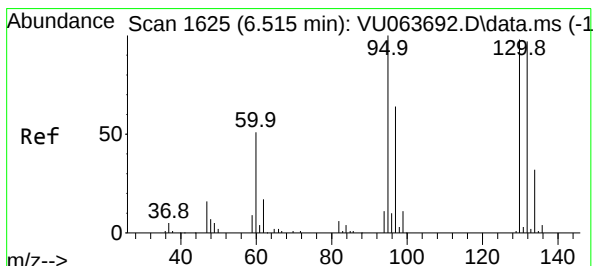
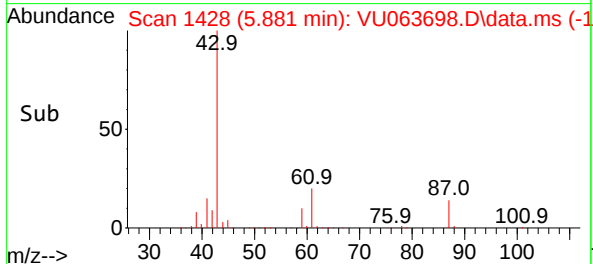
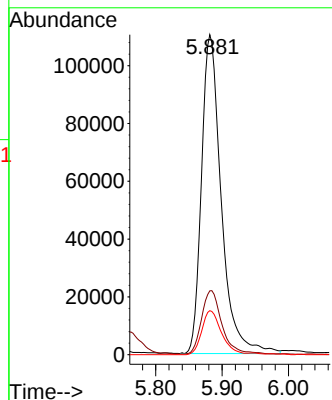
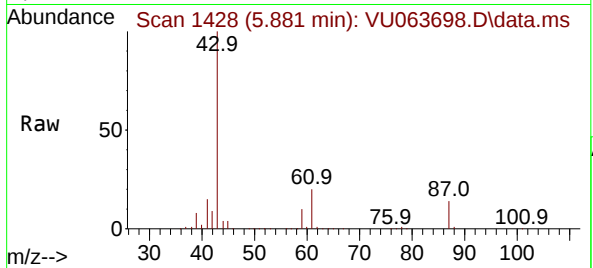




#43
Isopropyl Acetate
Concen: 47.176 ug/l
RT: 5.881 min Scan# 1429
Delta R.T. -0.003 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

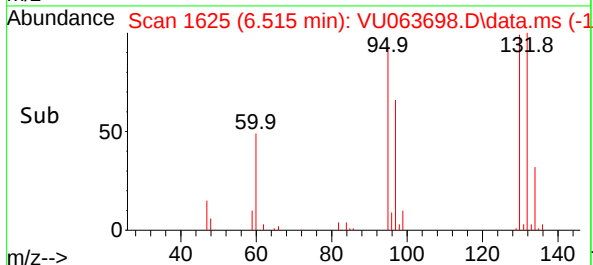
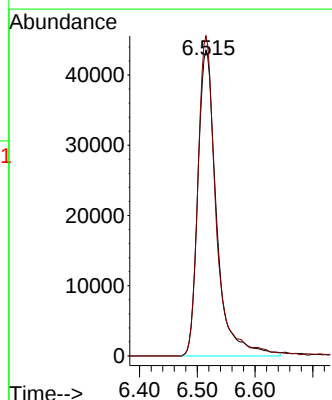
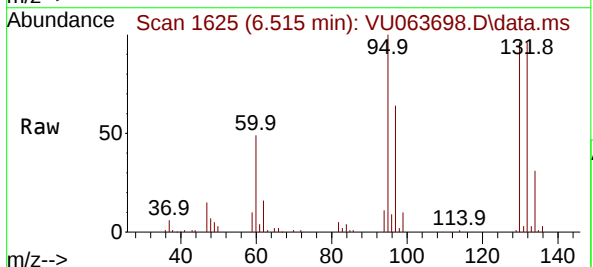
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

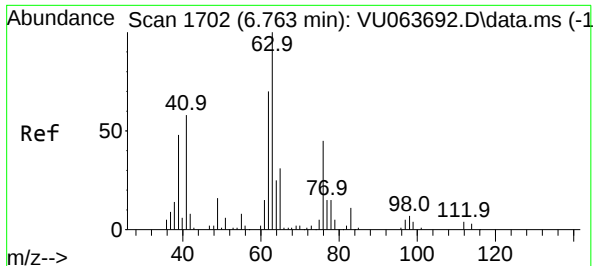
Tgt Ion: 43 Resp: 229106
Ion Ratio Lower Upper
43 100
61 20.4 15.9 23.9
87 13.6 11.0 16.6



#44
Trichloroethene
Concen: 46.225 ug/l
RT: 6.515 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 130 Resp: 97927
Ion Ratio Lower Upper
130 100
95 104.7 0.0 203.6





#45

1,2-Dichloropropane

Concen: 48.808 ug/l

RT: 6.762 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

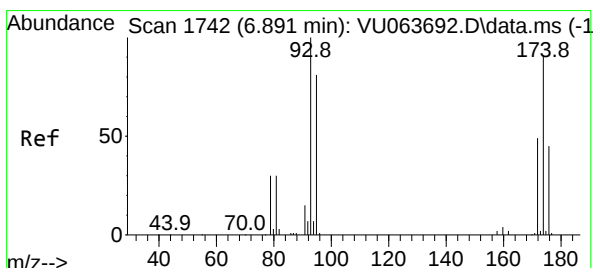
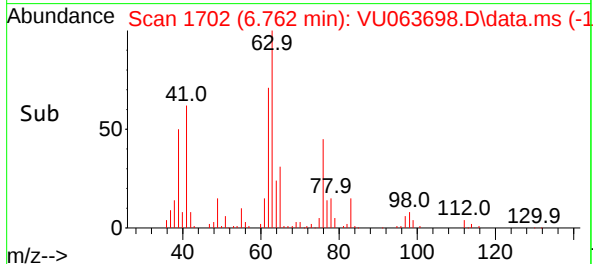
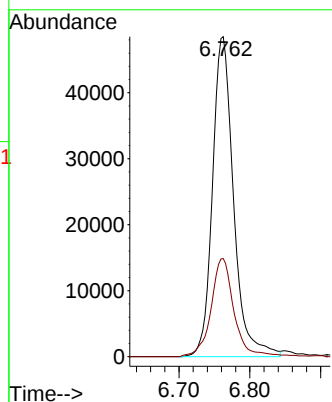
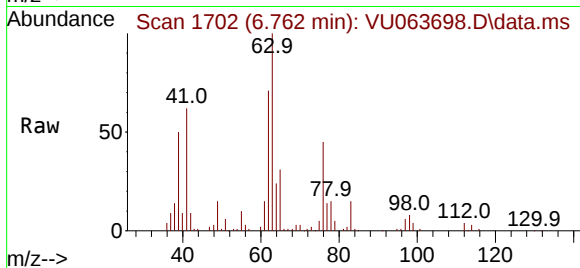
VSTDCCC050

Tgt Ion: 63 Resp: 100187

Ion Ratio Lower Upper

63 100

65 30.6 24.9 37.3



#46

Dibromomethane

Concen: 49.156 ug/l

RT: 6.888 min Scan# 1741

Delta R.T. -0.003 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

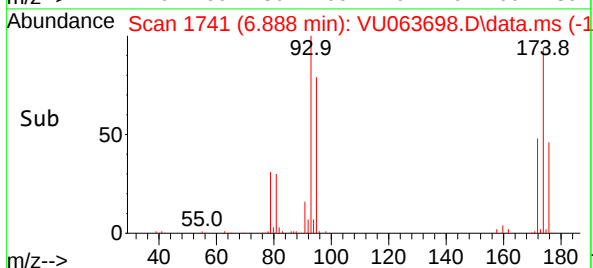
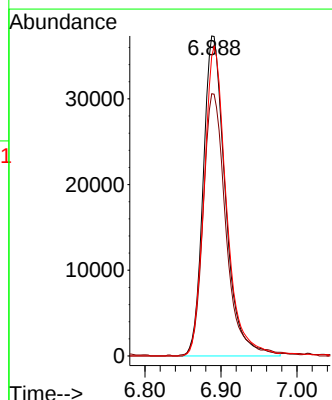
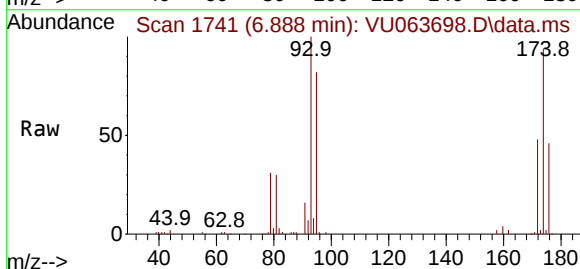
Tgt Ion: 93 Resp: 75763

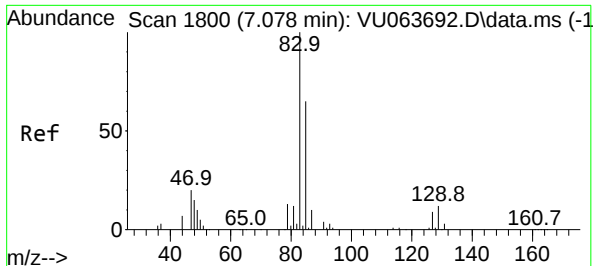
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 97.1 74.9 112.3

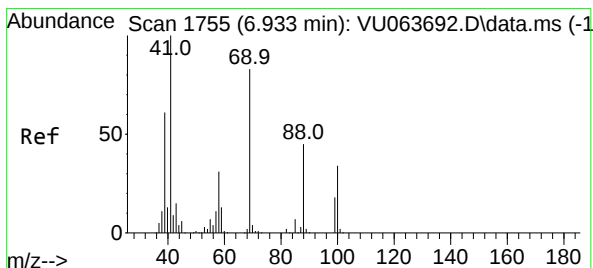
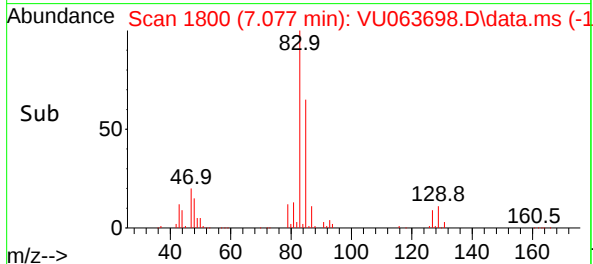
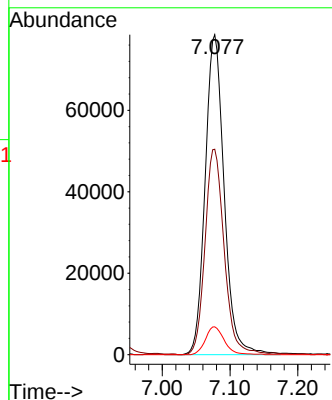
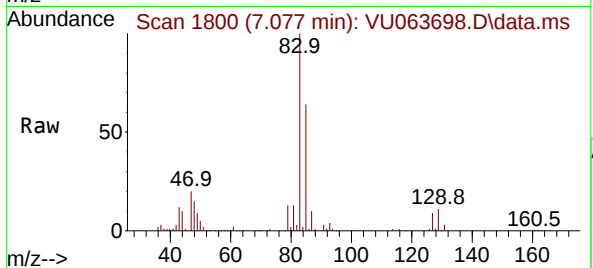




#47
Bromodichloromethane
Concen: 48.971 ug/l
RT: 7.077 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

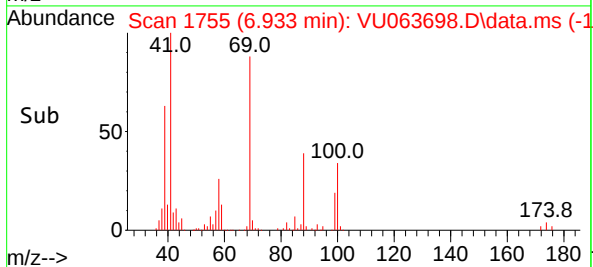
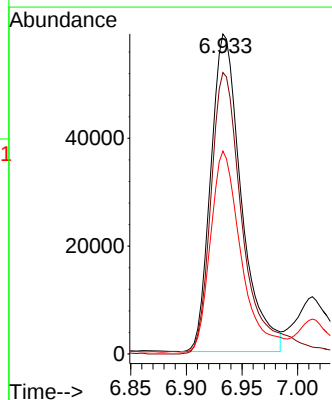
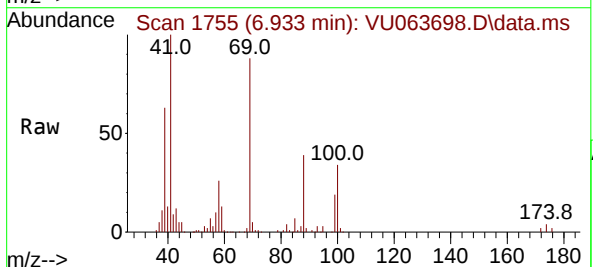
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

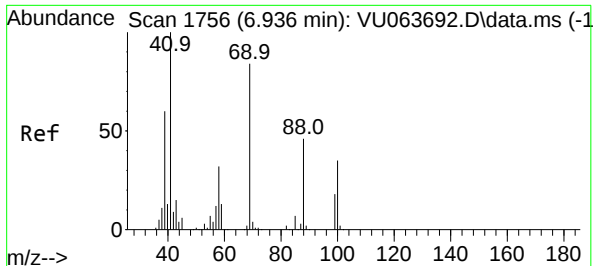
Tgt Ion: 83 Resp: 153023
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9
127 8.7 6.9 10.3



#48
Methyl methacrylate
Concen: 47.236 ug/l
RT: 6.933 min Scan# 1755
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 41 Resp: 112601
Ion Ratio Lower Upper
41 100
69 93.7 72.9 109.3
39 63.8 51.0 76.4

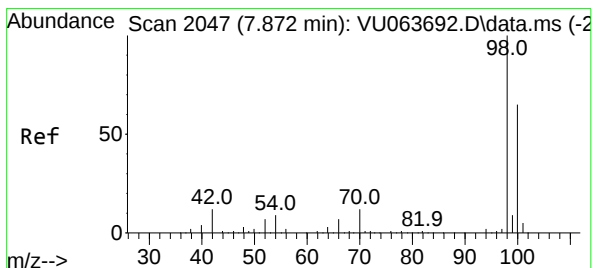
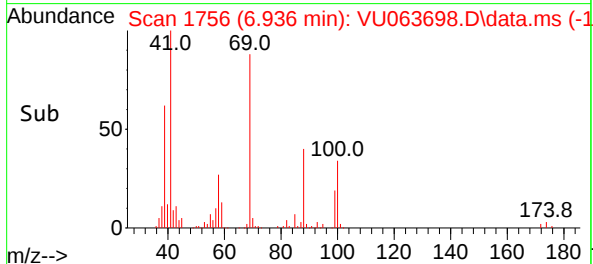
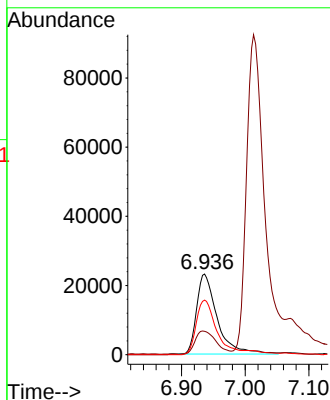
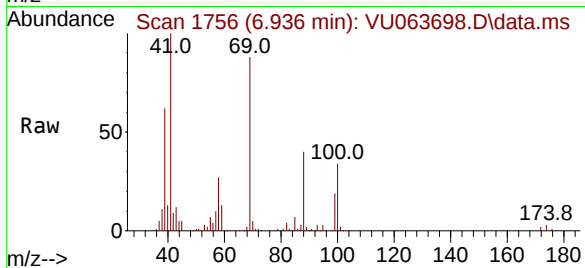




#49
1,4-Dioxane
Concen: 826.526 ug/l
RT: 6.936 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

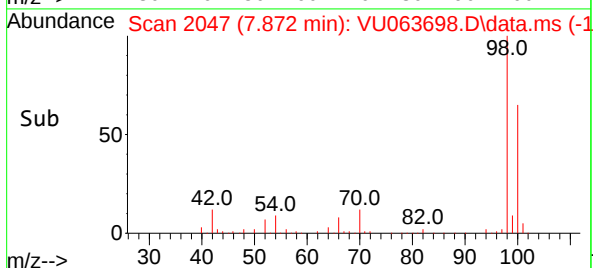
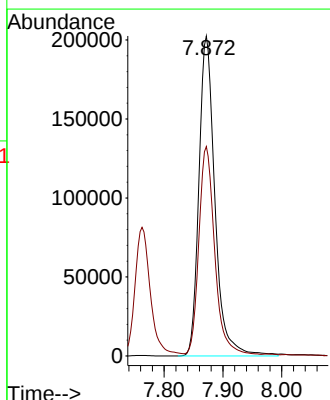
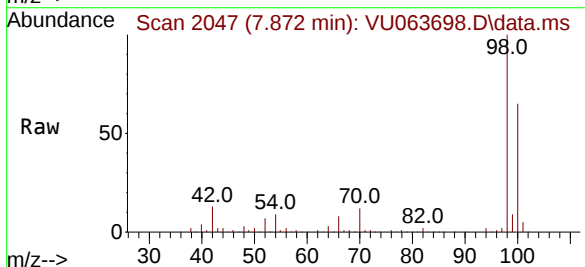
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

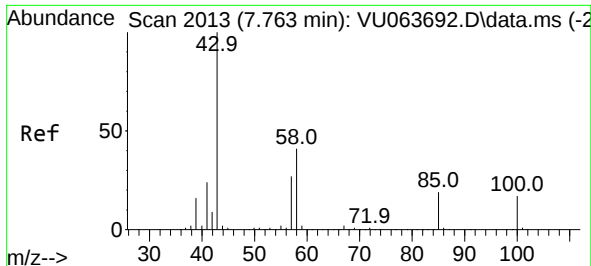
Tgt Ion: 88 Resp: 52199
Ion Ratio Lower Upper
88 100
43 29.2 24.1 36.1
58 71.4 54.2 81.4



#50
Toluene-d8
Concen: 46.423 ug/l
RT: 7.872 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 98 Resp: 383417
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 231.403 ug/l

RT: 7.762 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

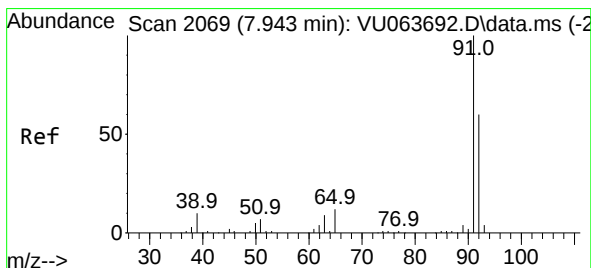
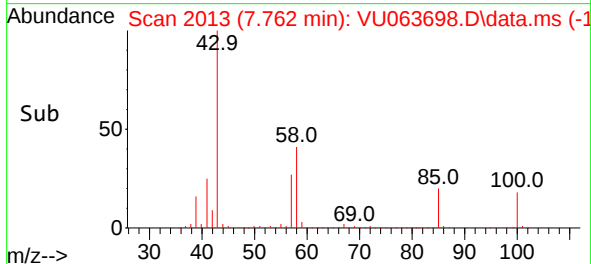
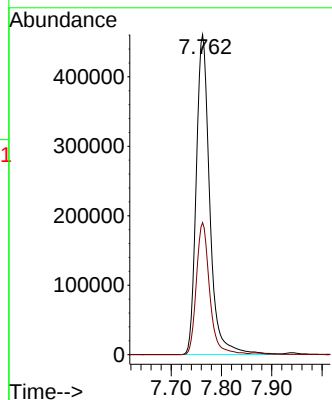
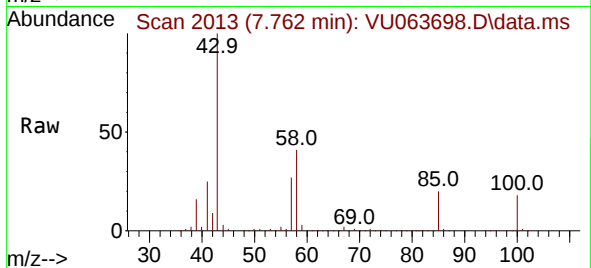
VSTDCCC050

Tgt Ion: 43 Resp: 859954

Ion Ratio Lower Upper

43 100

58 40.7 32.3 48.5



#52

Toluene

Concen: 48.478 ug/l

RT: 7.942 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VU063698.D

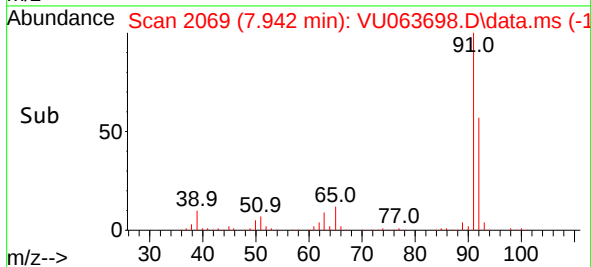
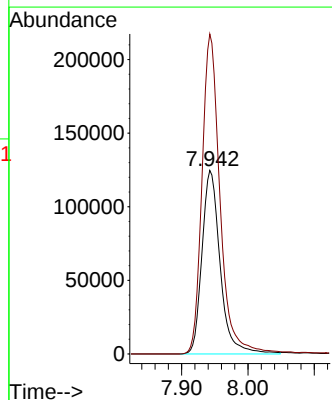
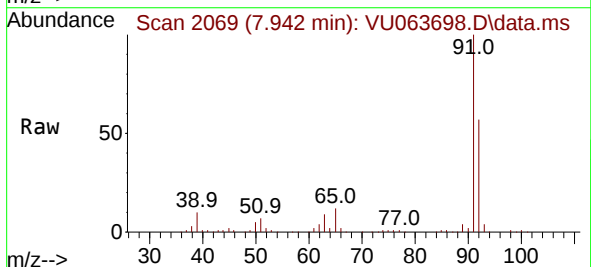
Acq: 11 Nov 2025 09:54

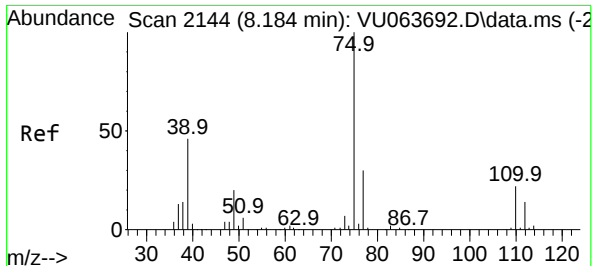
Tgt Ion: 92 Resp: 237559

Ion Ratio Lower Upper

92 100

91 173.5 136.6 204.8

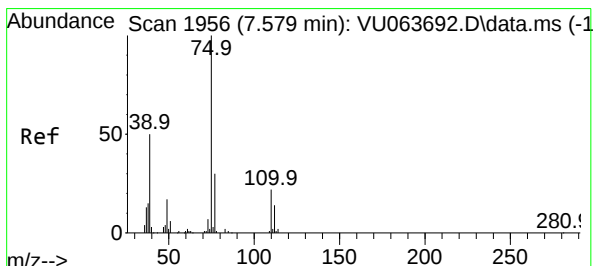
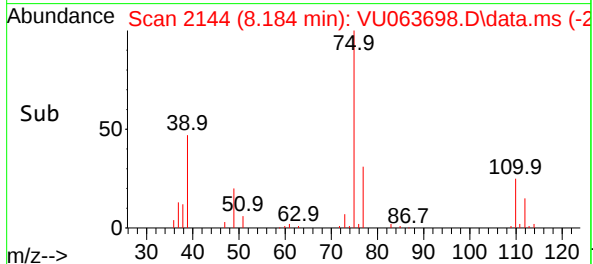
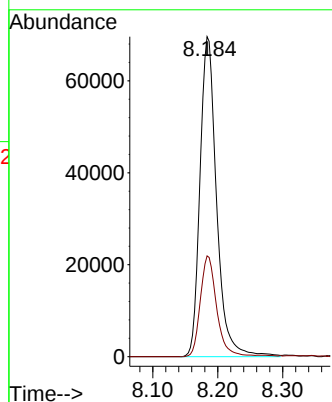
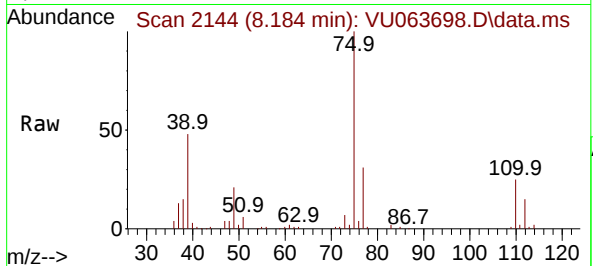




#53
t-1,3-Dichloropropene
Concen: 47.191 ug/l
RT: 8.184 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

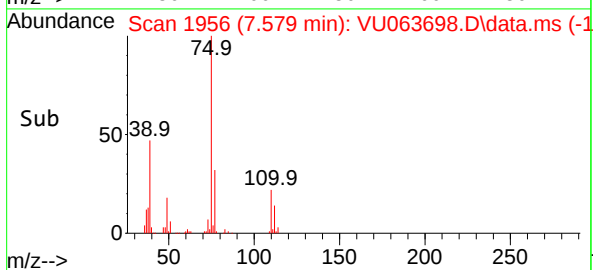
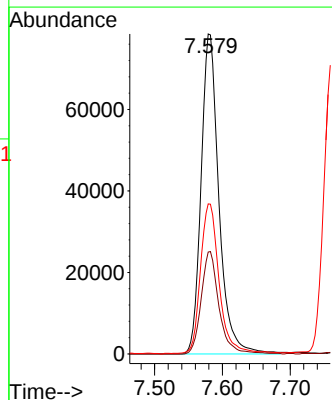
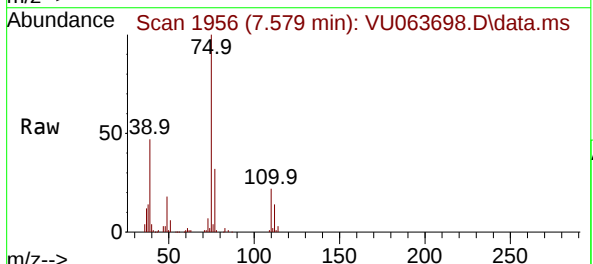
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

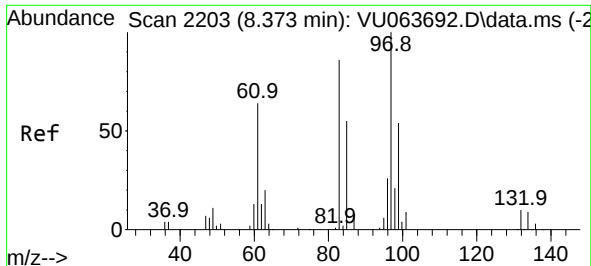
Tgt Ion: 75 Resp: 124175
Ion Ratio Lower Upper
75 100
77 31.5 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 48.607 ug/l
RT: 7.579 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 75 Resp: 143353
Ion Ratio Lower Upper
75 100
77 31.9 24.3 36.5
39 46.7 40.2 60.2

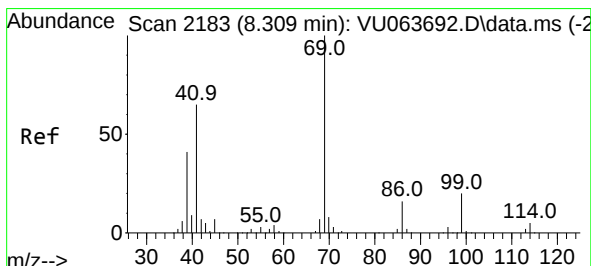
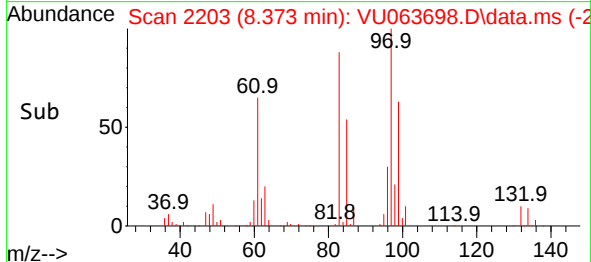
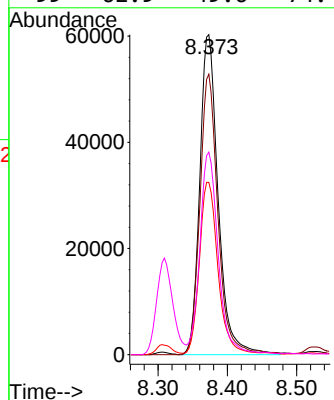
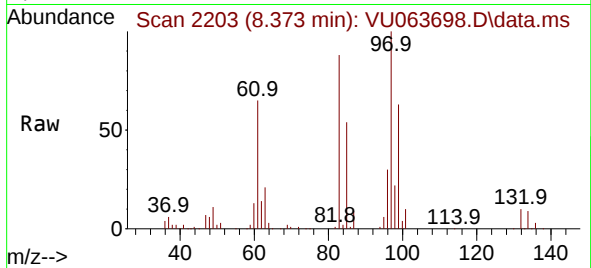




#55
 1,1,2-Trichloroethane
 Concen: 49.621 ug/l
 RT: 8.373 min Scan# 2115
 Delta R.T. -0.000 min
 Lab File: VU063698.D
 Acq: 11 Nov 2025 09:54

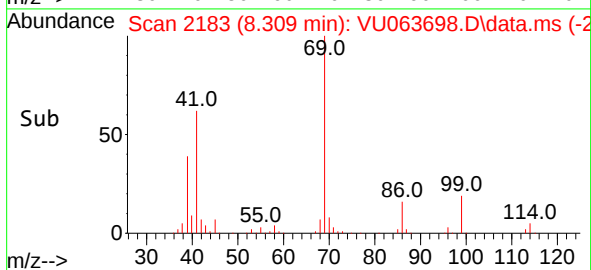
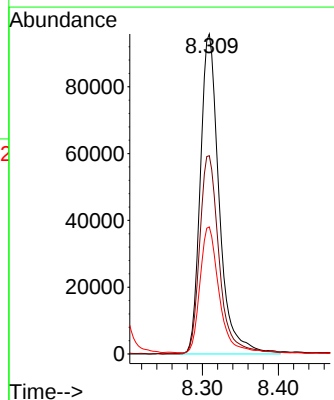
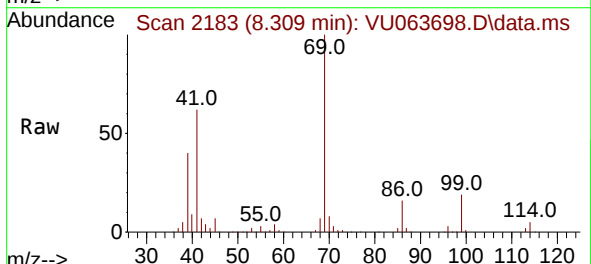
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

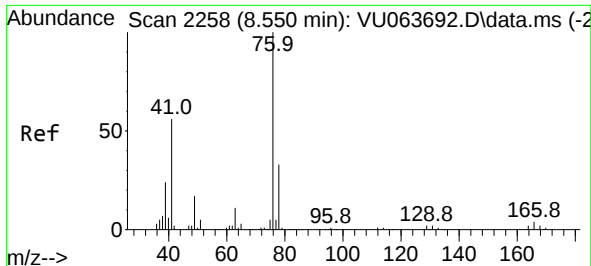
Tgt Ion:	97	Resp:	111587
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.0	103.4
85	53.6	44.2	66.4
99	62.9	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 49.754 ug/l
 RT: 8.309 min Scan# 2183
 Delta R.T. -0.000 min
 Lab File: VU063698.D
 Acq: 11 Nov 2025 09:54

Tgt Ion:	69	Resp:	165090
Ion	Ratio	Lower	Upper
69	100		
41	63.6	51.4	77.2
39	39.7	32.2	48.4





#57

1,3-Dichloropropane

Concen: 49.365 ug/l

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

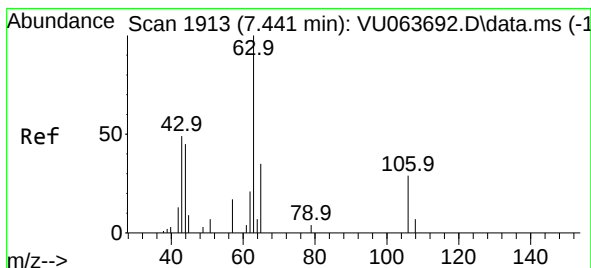
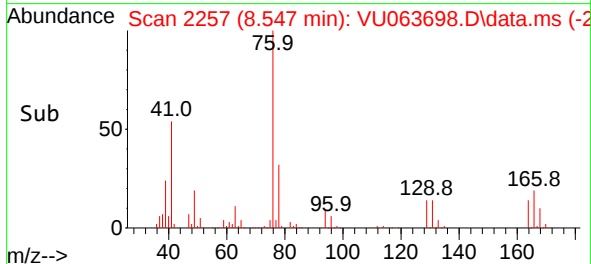
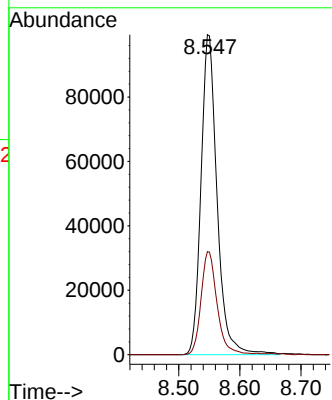
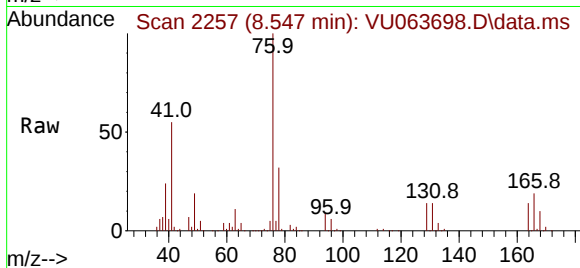
VSTDCCC050

Tgt Ion: 76 Resp: 181108

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 115.591 ug/l

RT: 7.447 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VU063698.D

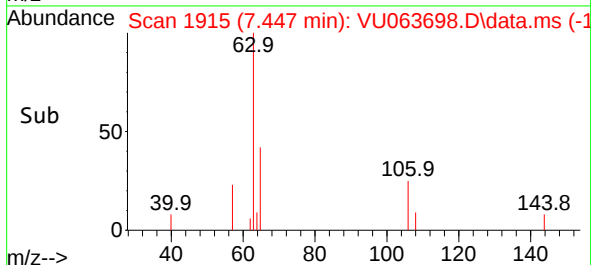
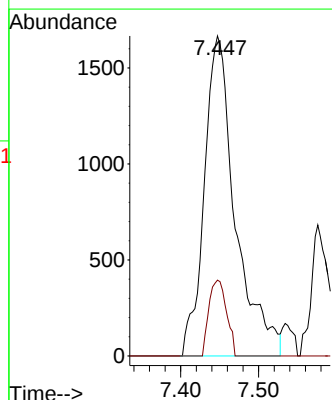
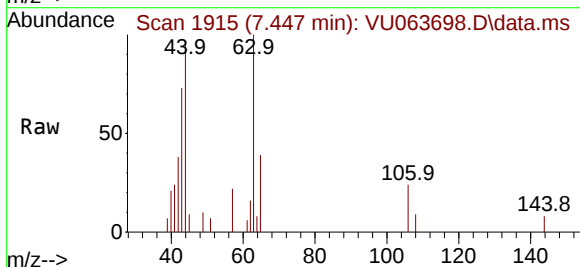
Acq: 11 Nov 2025 09:54

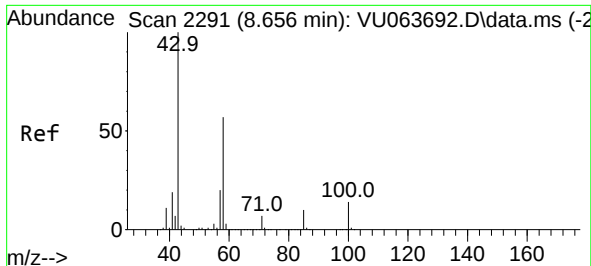
Tgt Ion: 63 Resp: 4612

Ion Ratio Lower Upper

63 100

106 13.4 15.8 23.8#

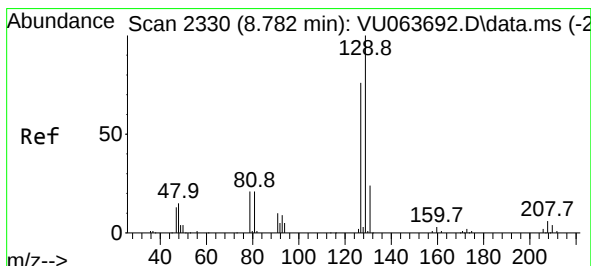
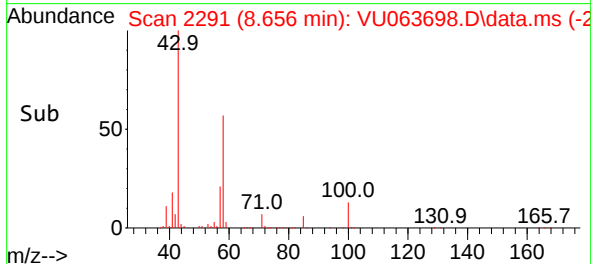
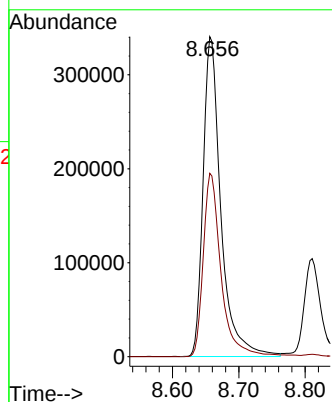
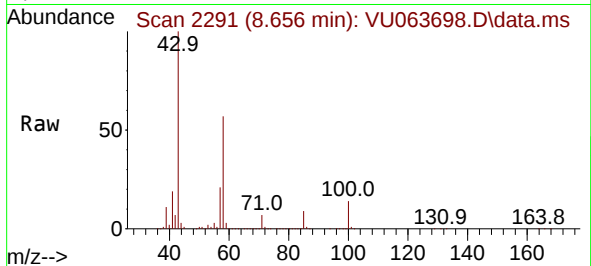




#59
2-Hexanone
Concen: 228.477 ug/l
RT: 8.656 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

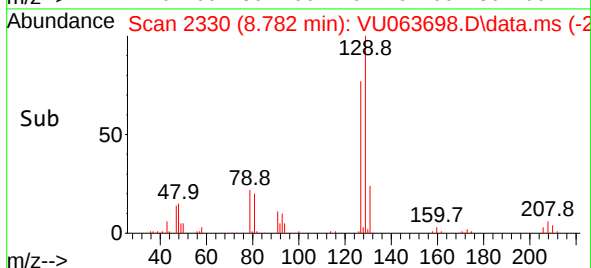
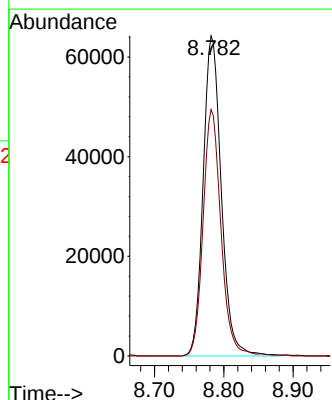
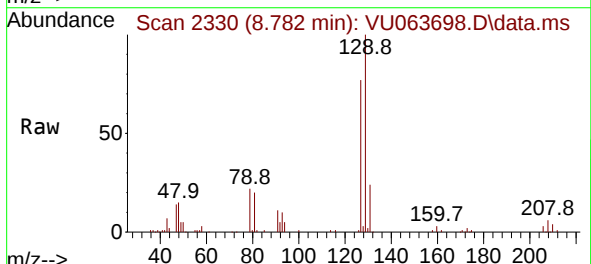
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

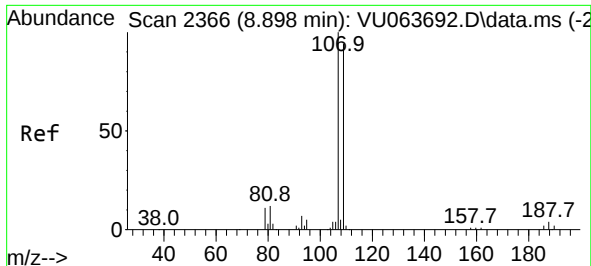
Tgt Ion: 43 Resp: 632407
Ion Ratio Lower Upper
43 100
58 57.9 28.4 85.3



#60
Dibromochloromethane
Concen: 49.563 ug/l
RT: 8.782 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion:129 Resp: 116739
Ion Ratio Lower Upper
129 100
127 75.6 38.2 114.6

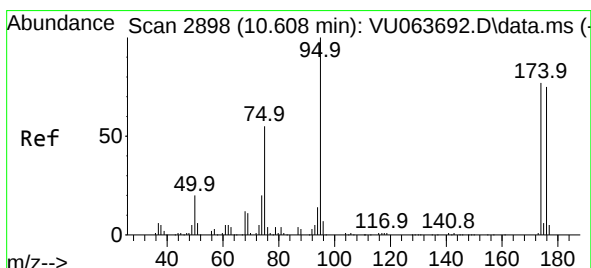
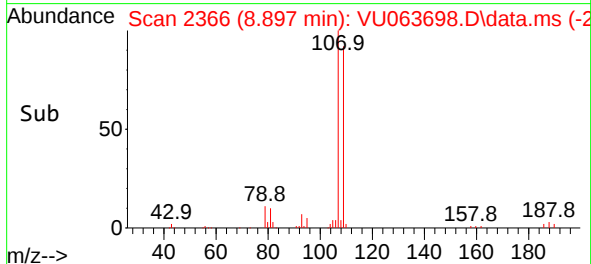
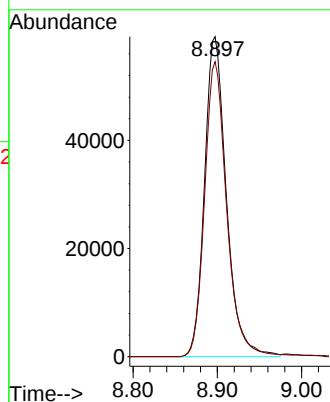
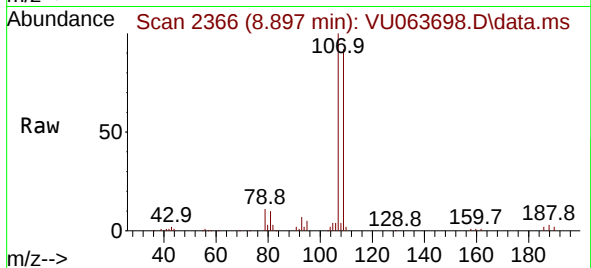




#61
1,2-Dibromoethane
Concen: 49.329 ug/l
RT: 8.897 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

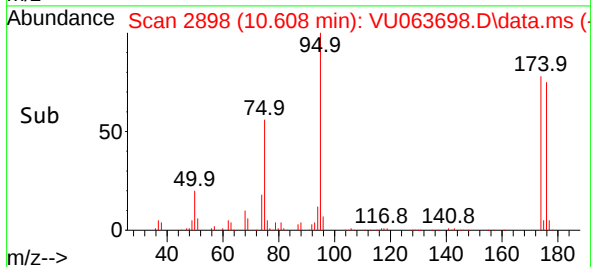
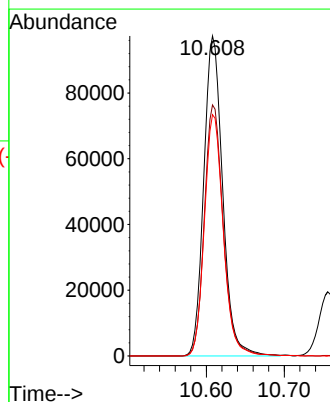
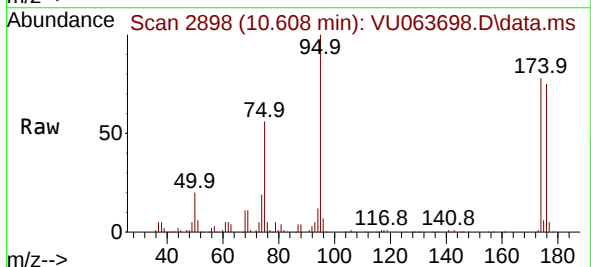
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

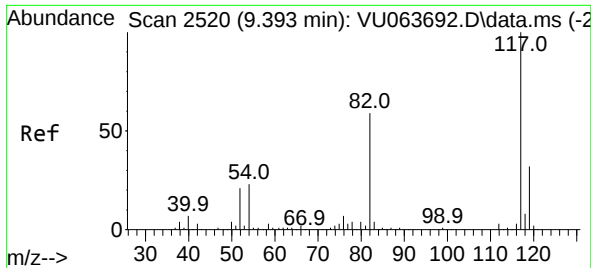
Tgt Ion:107 Resp: 106893
Ion Ratio Lower Upper
107 100
109 93.2 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 47.941 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 95 Resp: 163793
Ion Ratio Lower Upper
95 100
174 78.6 0.0 154.6
176 75.6 0.0 148.4

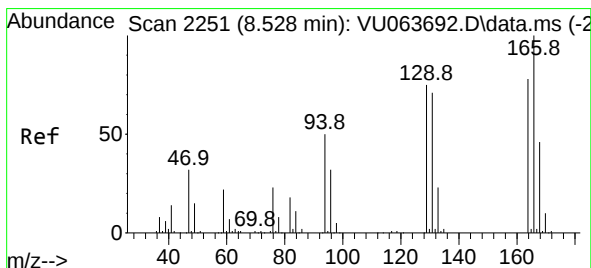
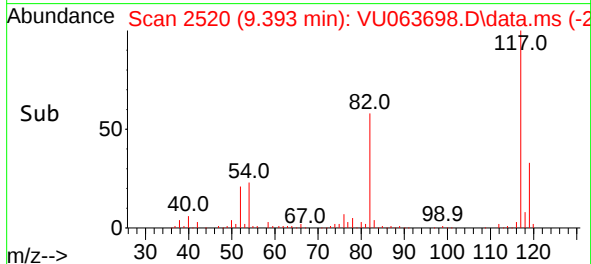
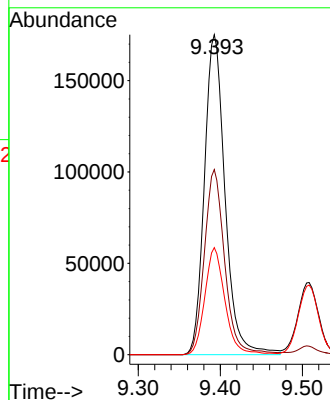
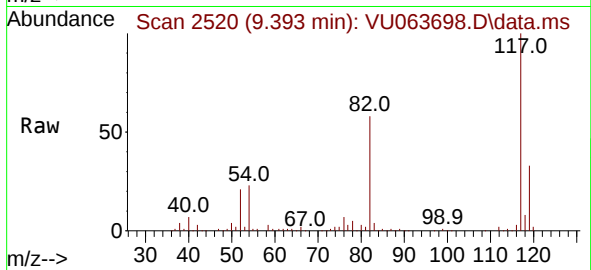




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

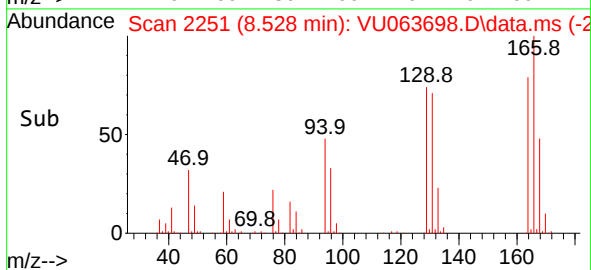
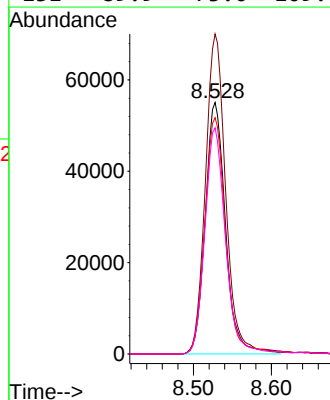
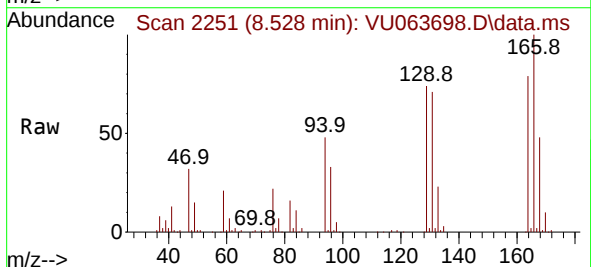
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

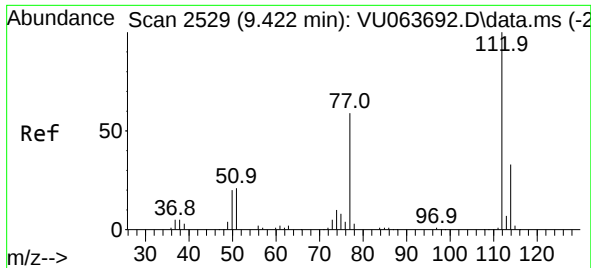
Tgt Ion:117 Resp: 307049
Ion Ratio Lower Upper
117 100
82 57.8 46.9 70.3
119 33.4 25.8 38.8



#64
Tetrachloroethene
Concen: 50.403 ug/l
RT: 8.528 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion:164 Resp: 99846
Ion Ratio Lower Upper
164 100
166 127.2 102.5 153.7
129 94.0 77.1 115.7
131 89.9 73.0 109.6

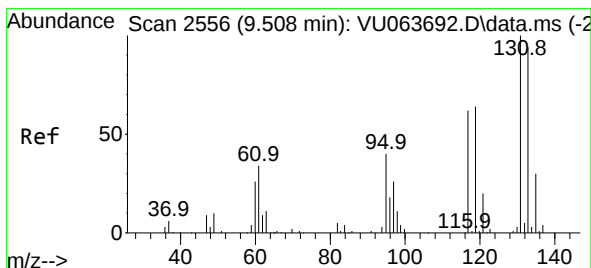
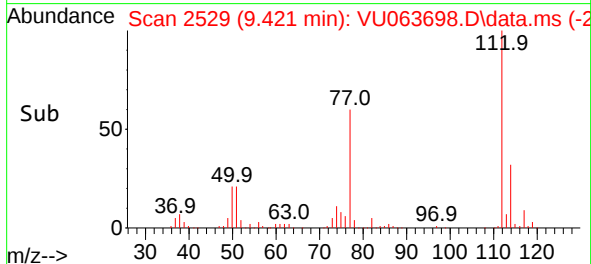
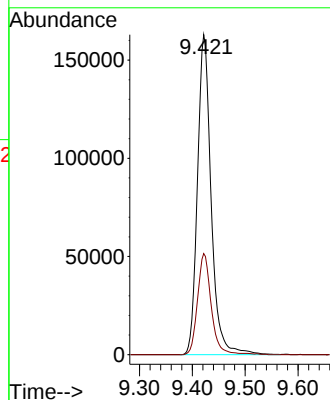
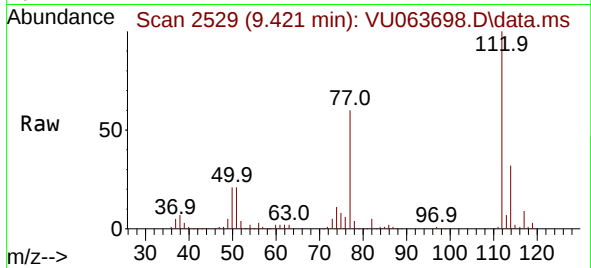




#65
Chlorobenzene
Concen: 48.849 ug/l
RT: 9.421 min Scan# 2529
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

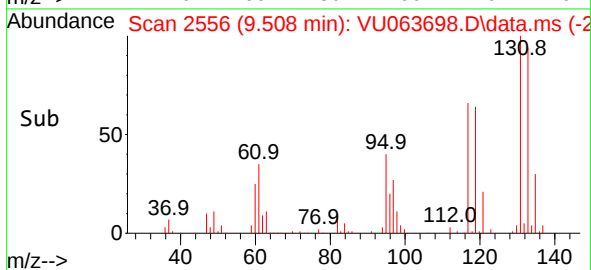
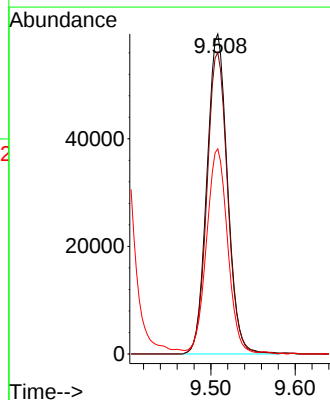
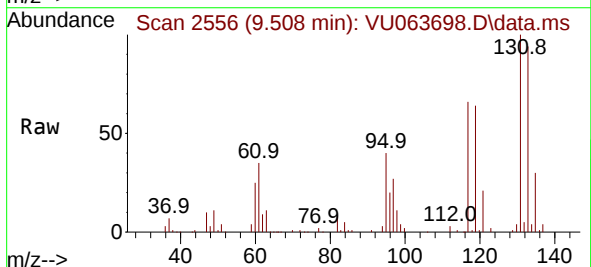
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

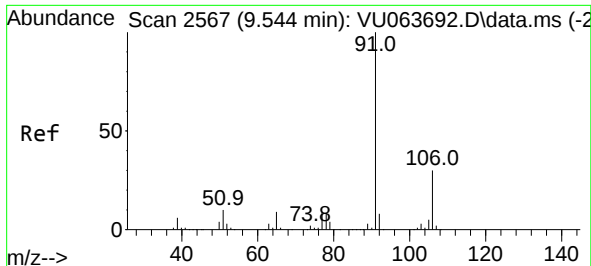
Tgt Ion:112 Resp: 293075
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.672 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion:131 Resp: 101363
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 64.6 33.3 99.8





#67

Ethyl Benzene

Concen: 49.377 ug/l

RT: 9.544 min Scan# 2567

Delta R.T. -0.000 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

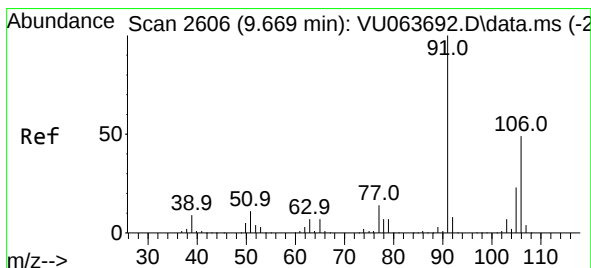
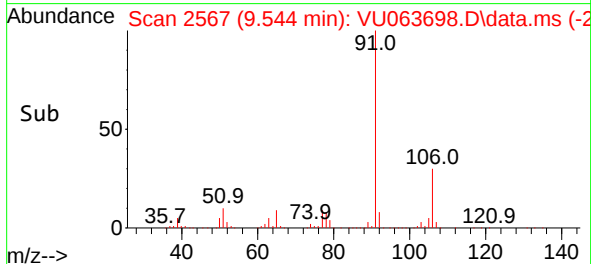
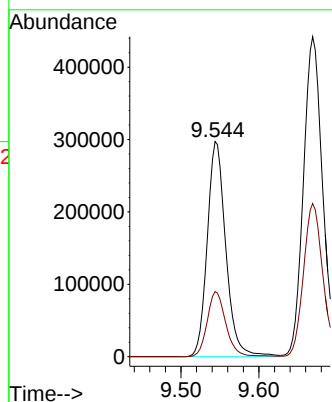
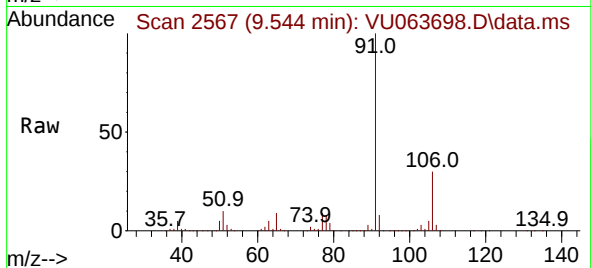
VSTDCCC050

Tgt Ion: 91 Resp: 493438

Ion Ratio Lower Upper

91 100

106 30.2 23.8 35.8



#68

m/p-Xylenes

Concen: 101.462 ug/l

RT: 9.669 min Scan# 2606

Delta R.T. -0.000 min

Lab File: VU063698.D

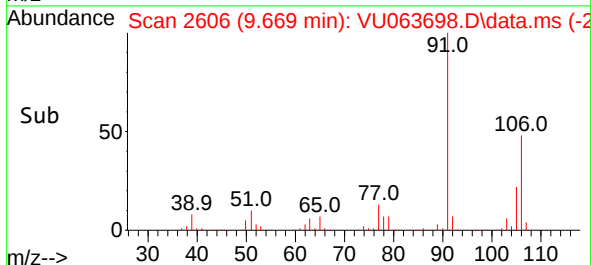
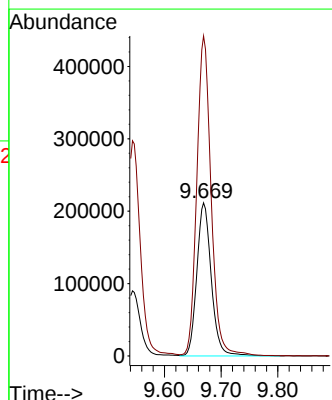
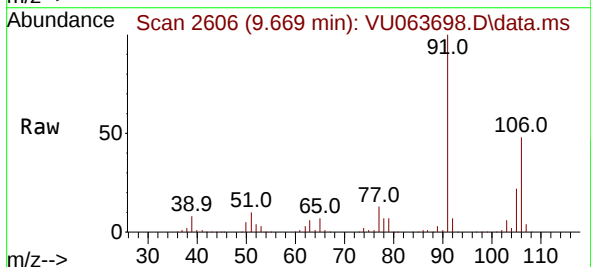
Acq: 11 Nov 2025 09:54

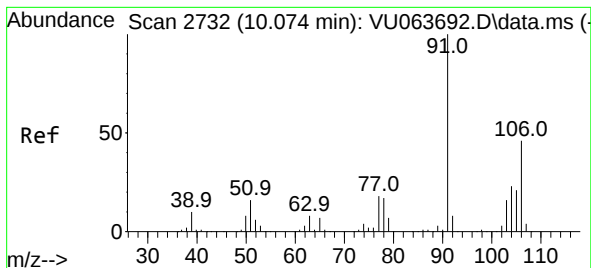
Tgt Ion:106 Resp: 374258

Ion Ratio Lower Upper

106 100

91 205.8 165.7 248.5





#69

o-Xylene

Concen: 49.601 ug/l

RT: 10.074 min Scan# 2732

Delta R.T. -0.000 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

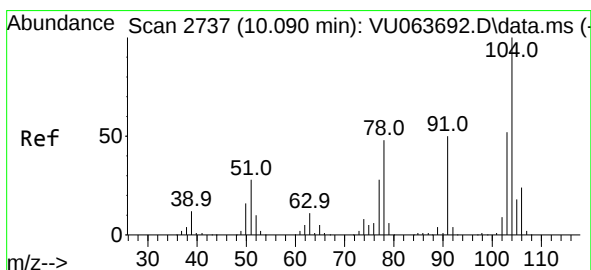
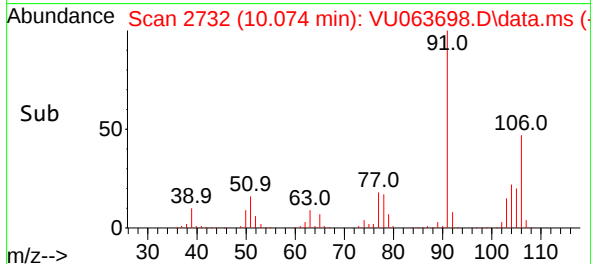
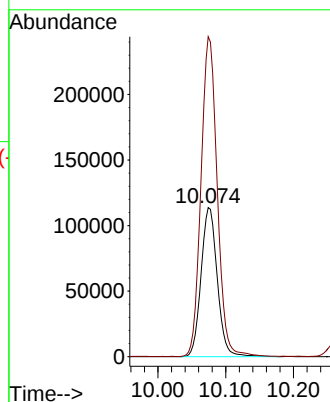
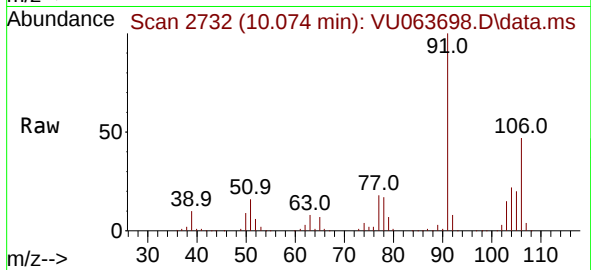
VSTDCCC050

Tgt Ion:106 Resp: 188795

Ion Ratio Lower Upper

106 100

91 214.8 108.7 325.9



#70

Styrene

Concen: 51.076 ug/l

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

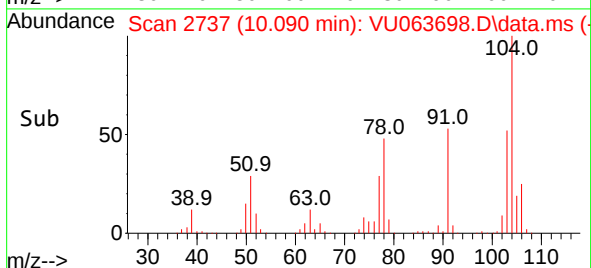
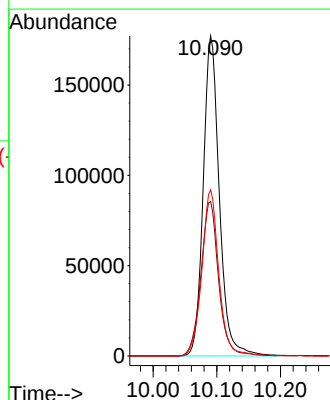
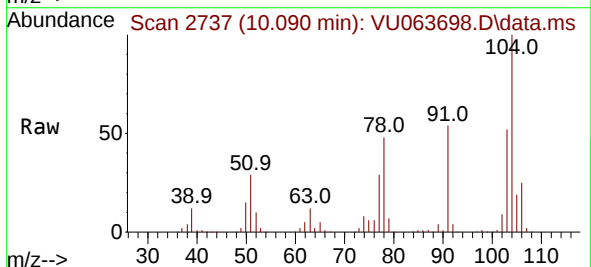
Tgt Ion:104 Resp: 312268

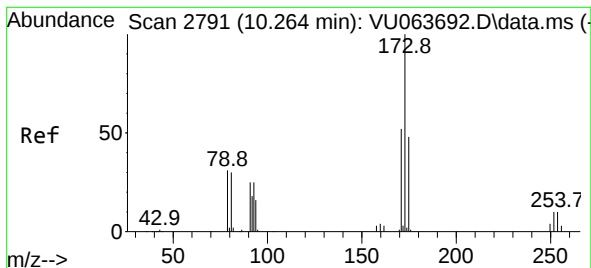
Ion Ratio Lower Upper

104 100

78 53.0 42.7 64.1

103 54.7 44.0 66.0





#71

Bromoform

Concen: 49.907 ug/l

RT: 10.264 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

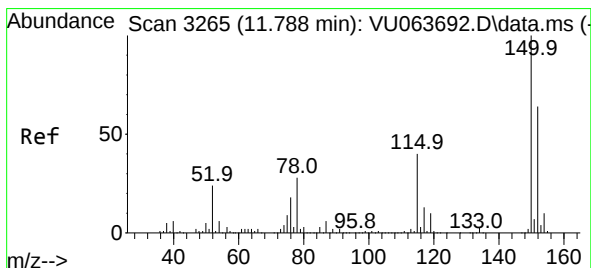
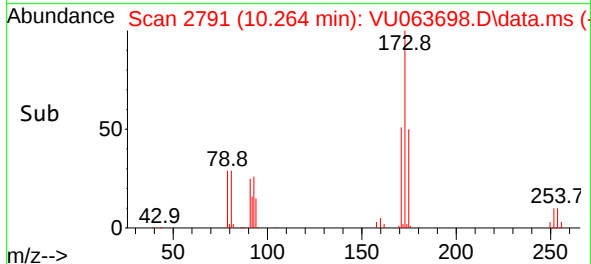
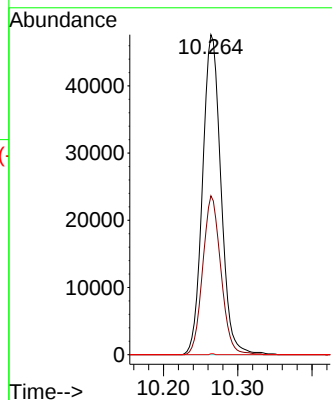
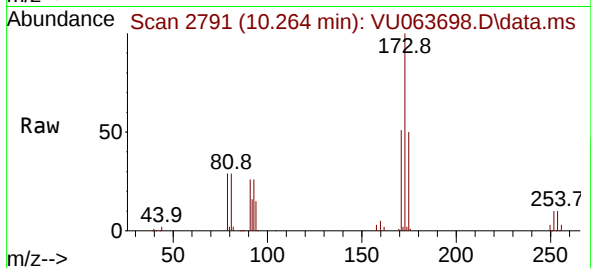
Tgt Ion:173 Resp: 82010

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.2

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

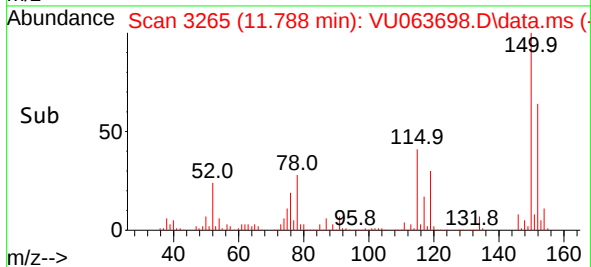
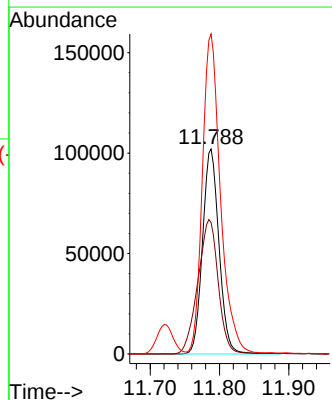
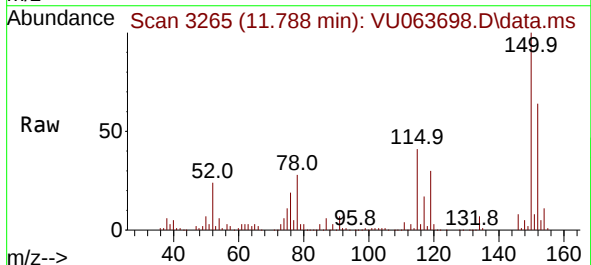
Tgt Ion:152 Resp: 167947

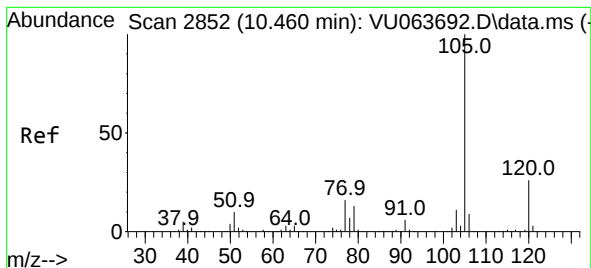
Ion Ratio Lower Upper

152 100

115 81.1 41.0 123.0

150 170.7 0.0 342.2





#73

Isopropylbenzene

Concen: 48.255 ug/l

RT: 10.460 min Scan# 2852

Delta R.T. -0.000 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

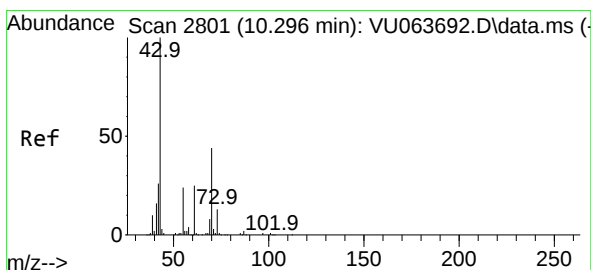
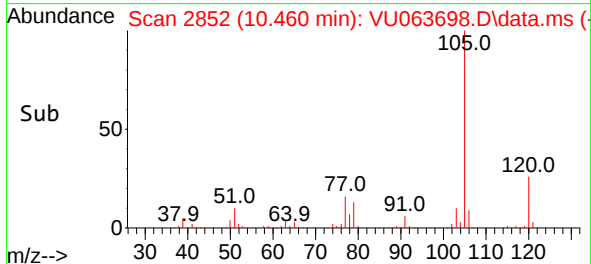
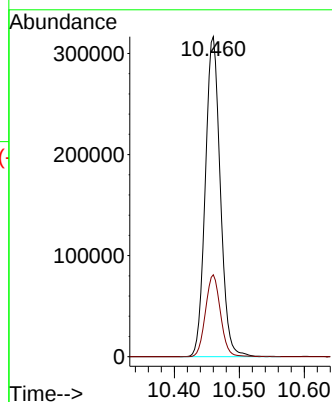
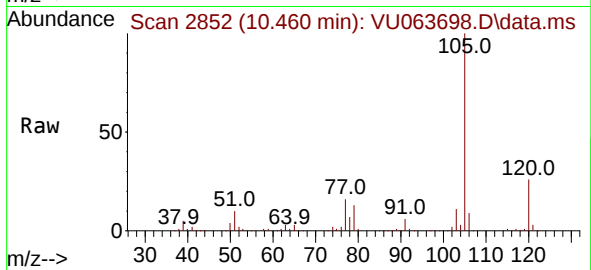
VSTDCCC050

Tgt Ion:105 Resp: 509167

Ion Ratio Lower Upper

105 100

120 25.6 13.0 38.9



#74

N-ethyl acetate

Concen: 45.209 ug/l

RT: 10.299 min Scan# 2802

Delta R.T. 0.003 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Tgt Ion: 43 Resp: 166198

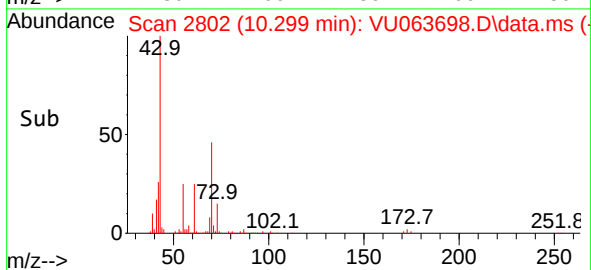
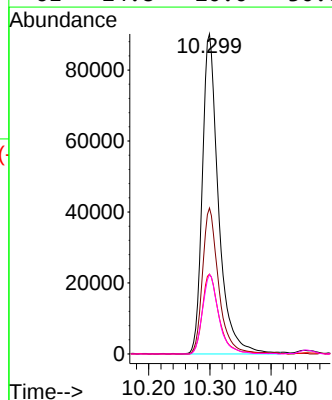
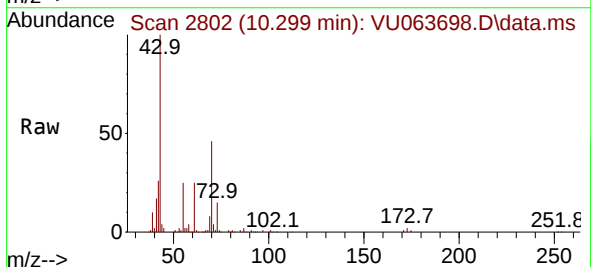
Ion Ratio Lower Upper

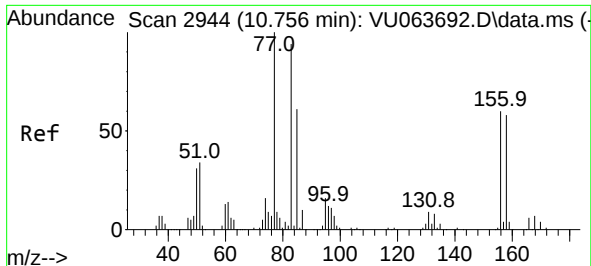
43 100

70 45.1 36.5 54.7

55 25.6 20.6 30.8

61 24.8 20.0 30.0

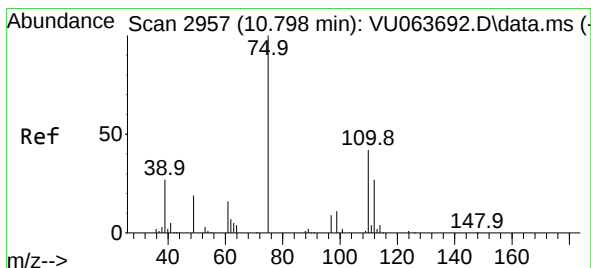
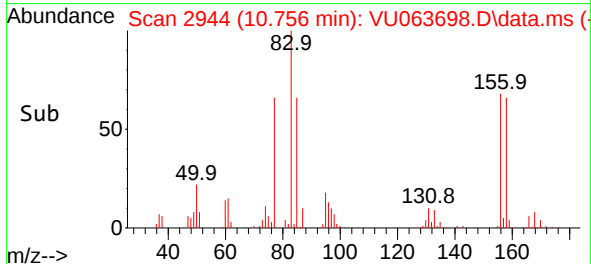
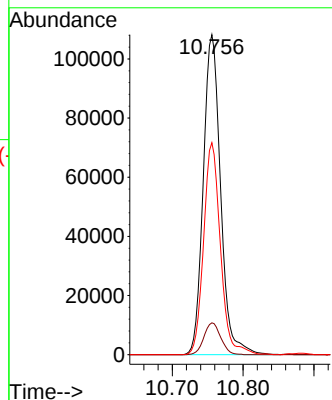
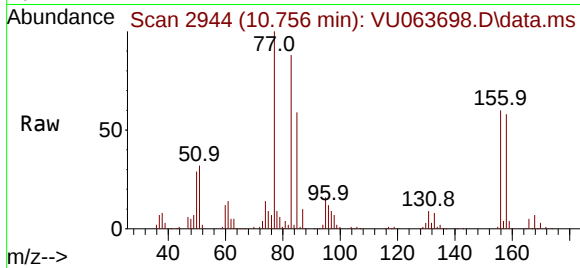




#75
1,1,2,2-Tetrachloroethane
Concen: 45.422 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

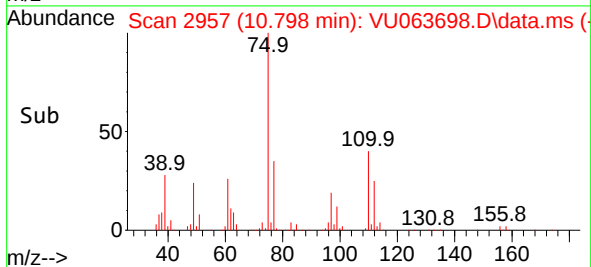
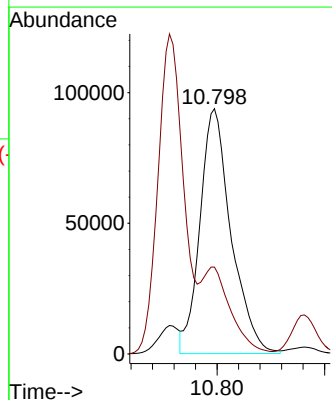
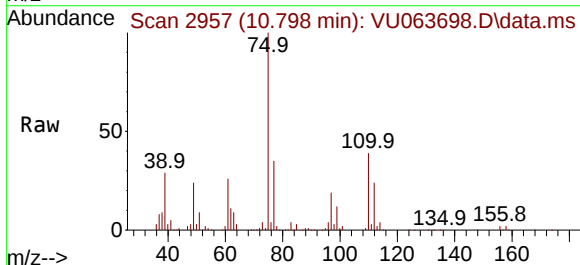
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

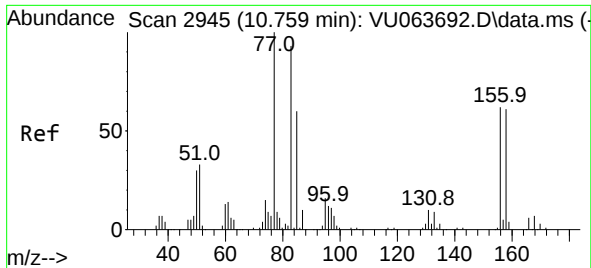
Tgt Ion: 83 Resp: 184049
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 64.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 44.494 ug/l
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 75 Resp: 188311
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

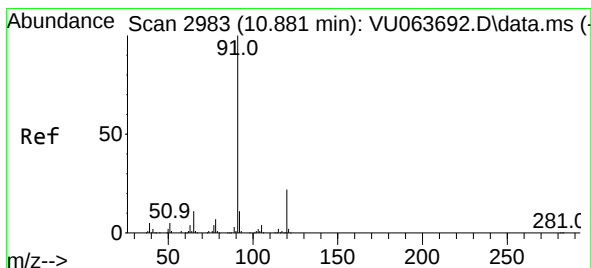
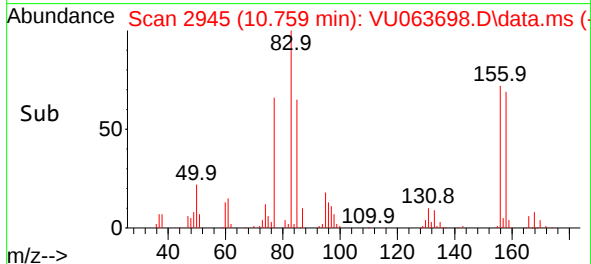
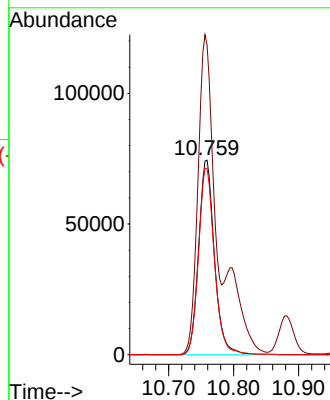
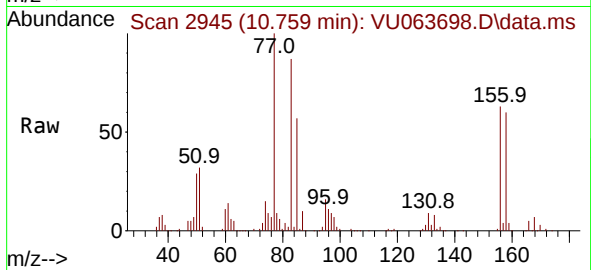




#77
Bromobenzene
Concen: 47.649 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

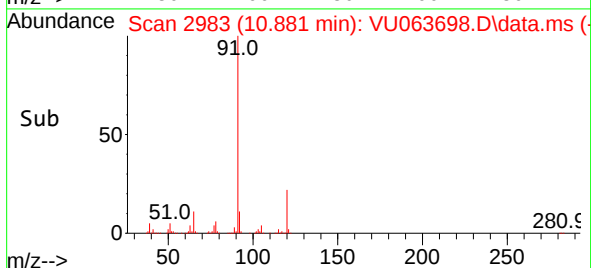
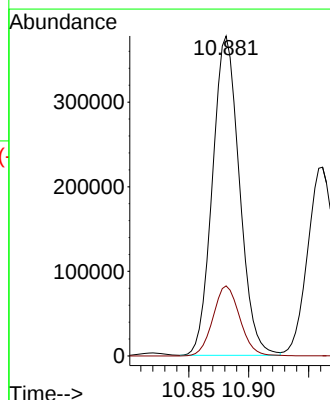
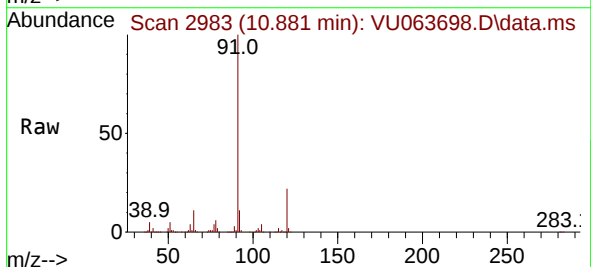
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

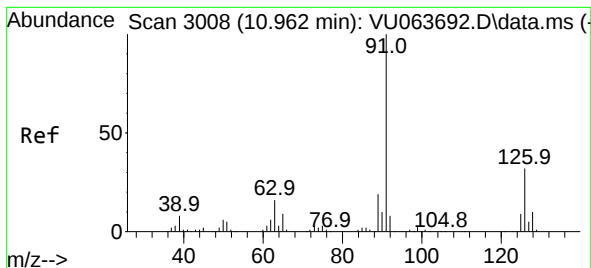
Tgt Ion:156 Resp: 126496
Ion Ratio Lower Upper
156 100
77 160.4 81.4 244.2
158 96.3 48.8 146.3



#78
n-propylbenzene
Concen: 48.689 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion: 91 Resp: 589344
Ion Ratio Lower Upper
91 100
120 21.9 11.2 33.6





#79

2-Chlorotoluene

Concen: 46.739 ug/l

RT: 10.962 min Scan# 3008

Delta R.T. -0.000 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

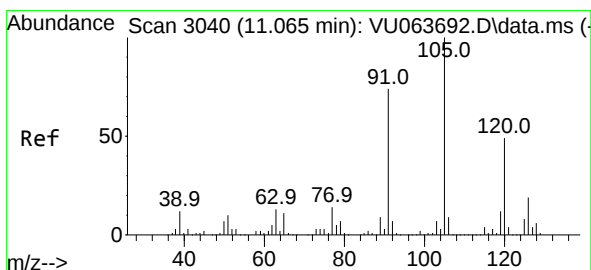
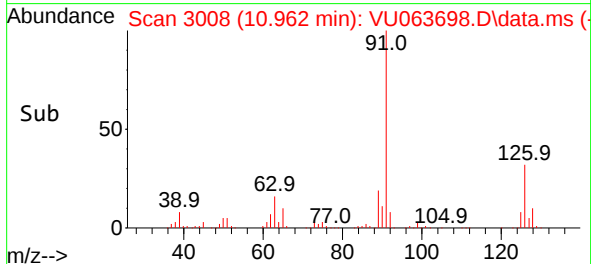
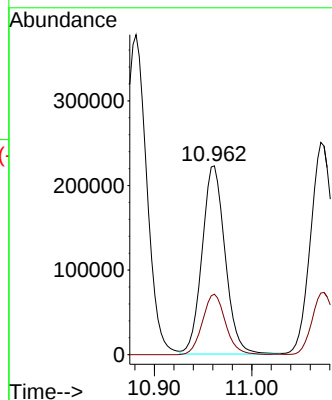
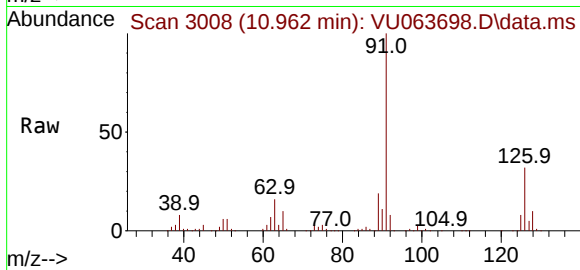
VSTDCCC050

Tgt Ion: 91 Resp: 365677

Ion Ratio Lower Upper

91 100

126 32.2 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 48.682 ug/l

RT: 11.061 min Scan# 3039

Delta R.T. -0.003 min

Lab File: VU063698.D

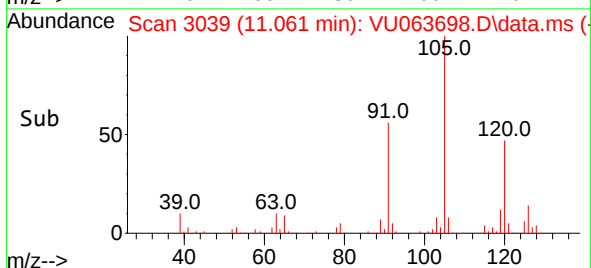
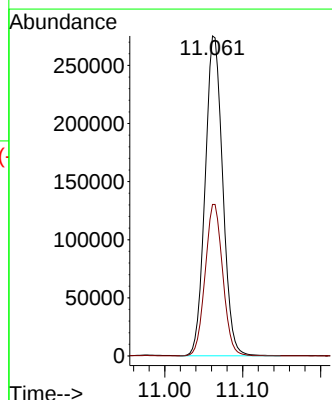
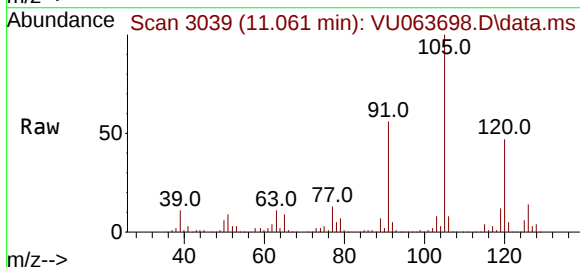
Acq: 11 Nov 2025 09:54

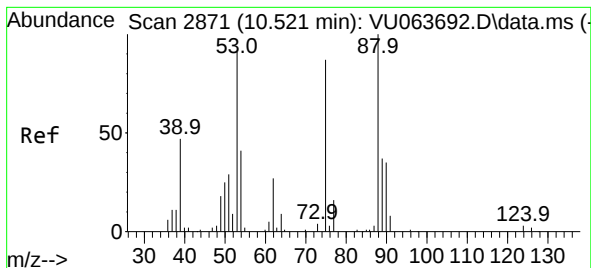
Tgt Ion:105 Resp: 430709

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.2

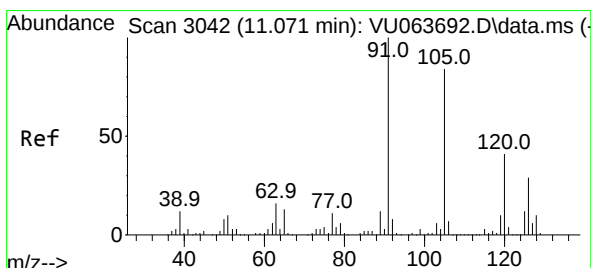
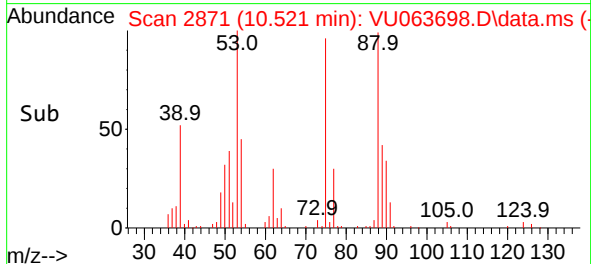
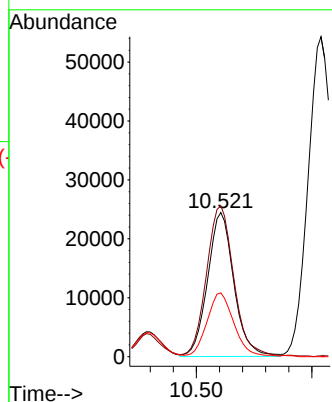
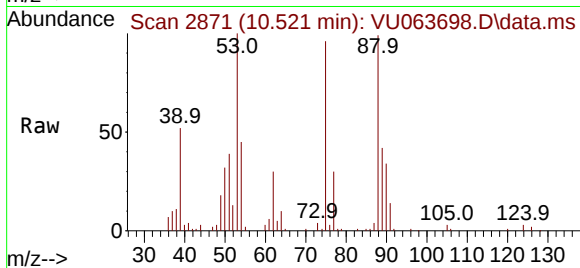




#81
trans-1,4-Dichloro-2-butene
Concen: 48.611 ug/l
RT: 10.521 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

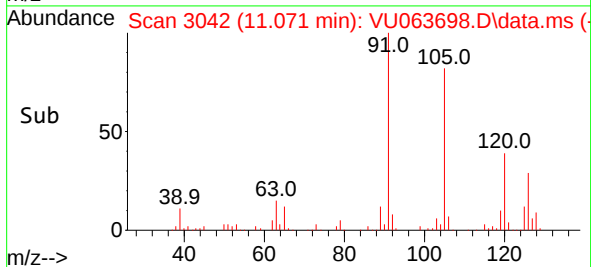
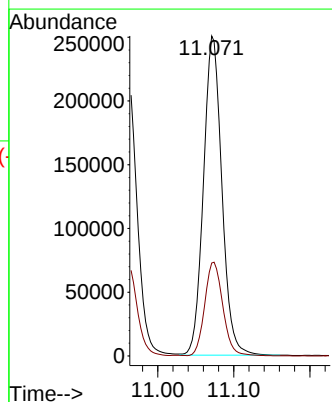
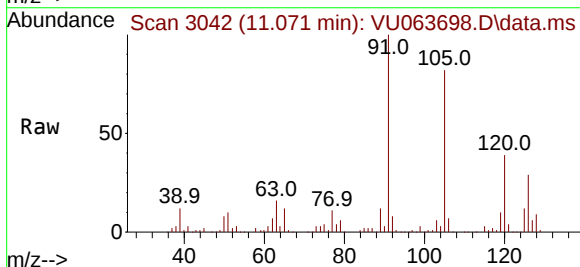
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

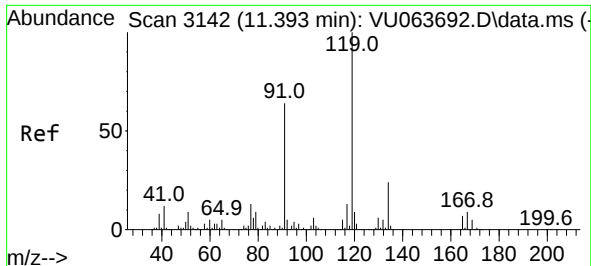
Tgt Ion:	75	Resp:	38619
Ion	Ratio	Lower	Upper
75	100		
53	107.4	86.5	129.7
89	44.5	35.2	52.8



#82
4-Chlorotoluene
Concen: 47.373 ug/l
RT: 11.071 min Scan# 3042
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion:	91	Resp:	421174
Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.2	42.8

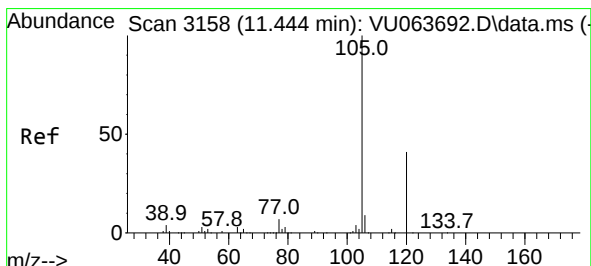
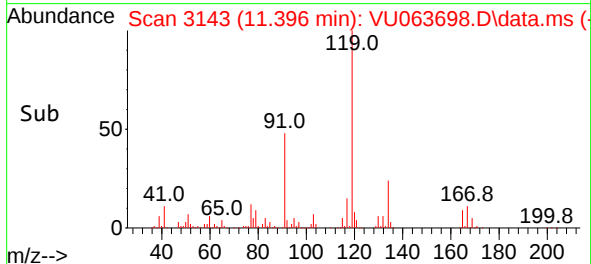
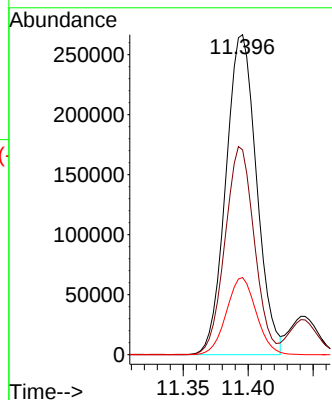
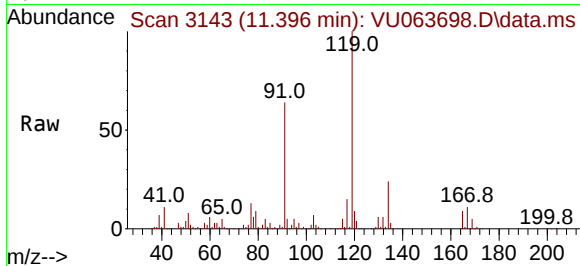




#83
 tert-Butylbenzene
 Concen: 47.623 ug/l
 RT: 11.396 min Scan# 3142
 Delta R.T. 0.003 min
 Lab File: VU063698.D
 Acq: 11 Nov 2025 09:54

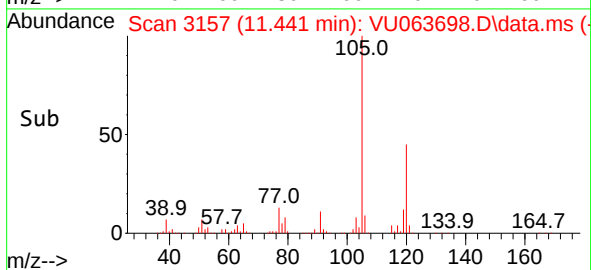
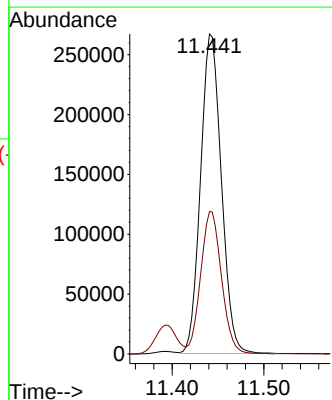
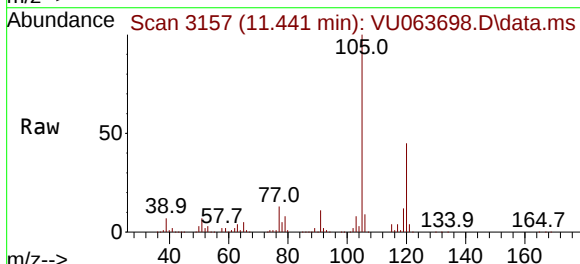
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

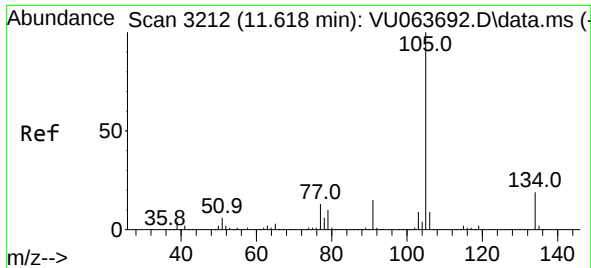
Tgt Ion:119 Resp: 438875
 Ion Ratio Lower Upper
 119 100
 91 61.9 30.8 92.3
 134 23.4 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.455 ug/l
 RT: 11.441 min Scan# 3157
 Delta R.T. -0.003 min
 Lab File: VU063698.D
 Acq: 11 Nov 2025 09:54

Tgt Ion:105 Resp: 420699
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3

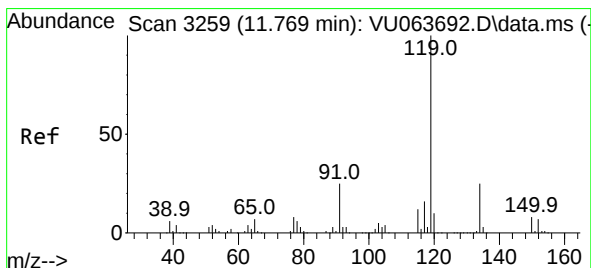
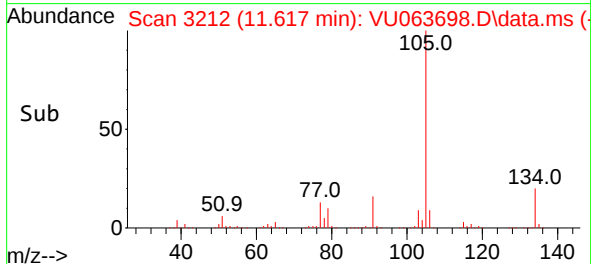
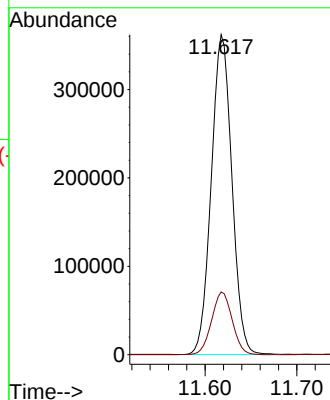
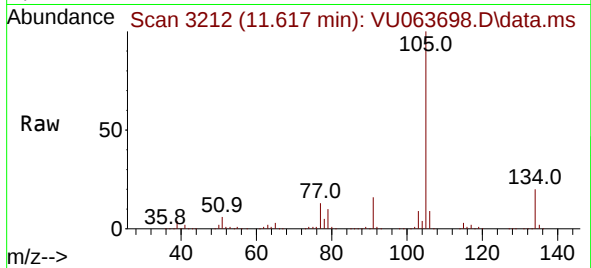




#85
 sec-Butylbenzene
 Concen: 48.452 ug/l
 RT: 11.617 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063698.D
 Acq: 11 Nov 2025 09:54

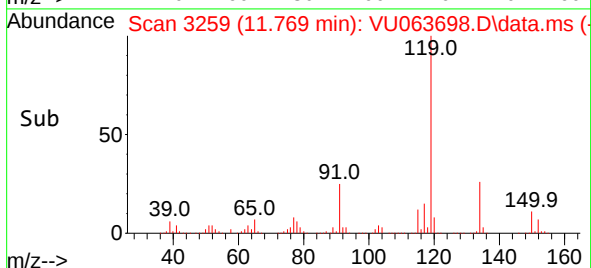
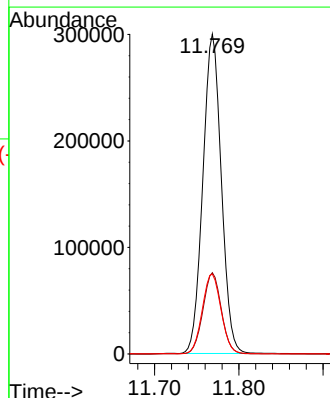
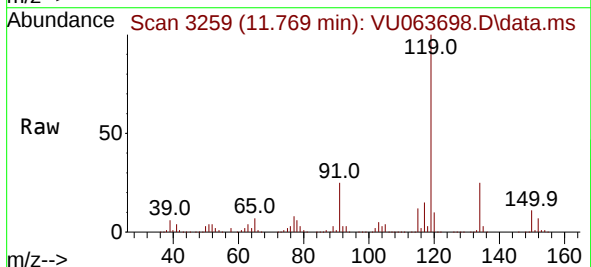
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

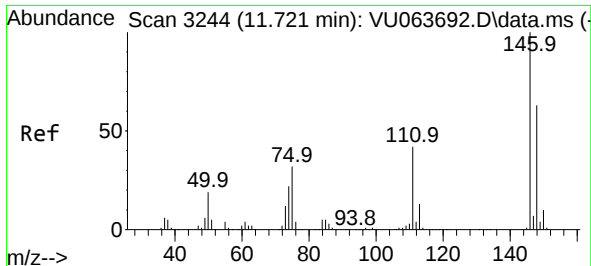
Tgt Ion:105 Resp: 564053
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 48.904 ug/l
 RT: 11.769 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU063698.D
 Acq: 11 Nov 2025 09:54

Tgt Ion:119 Resp: 457022
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.6
 91 25.4 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 48.649 ug/l

RT: 11.720 min Scan# 3244

Delta R.T. -0.000 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

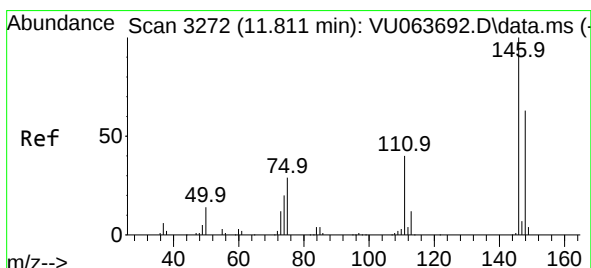
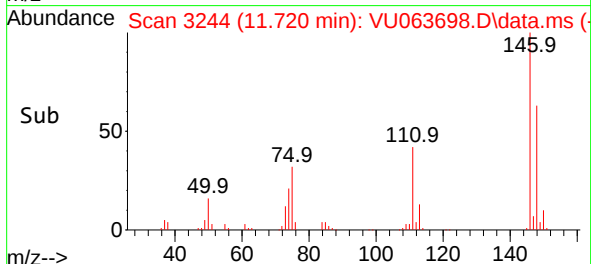
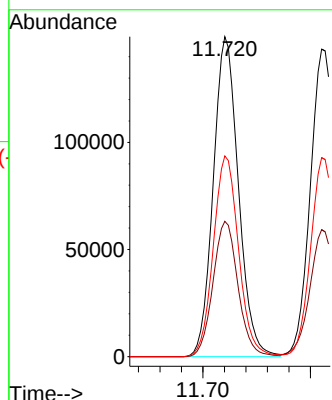
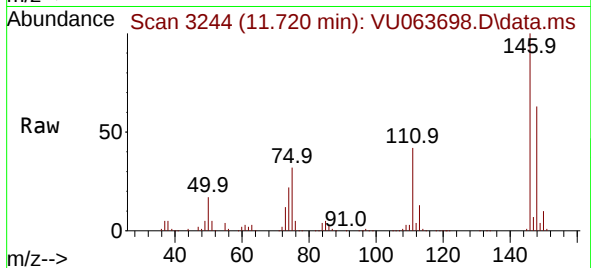
Tgt Ion:146 Resp: 242643

Ion Ratio Lower Upper

146 100

111 42.1 20.6 61.8

148 63.2 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 46.424 ug/l

RT: 11.810 min Scan# 3272

Delta R.T. -0.000 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

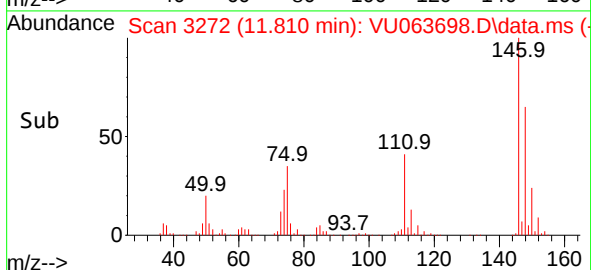
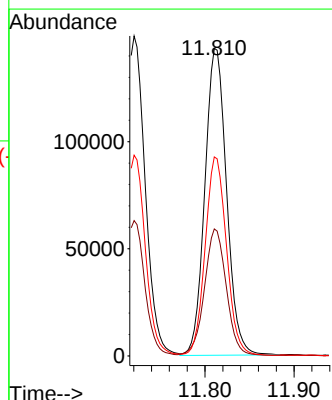
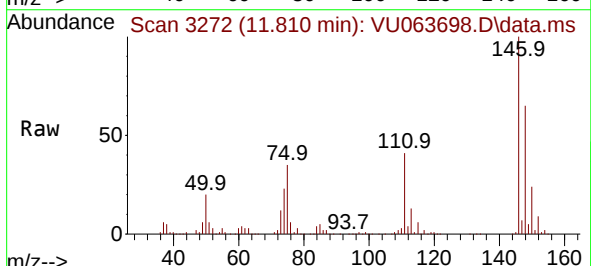
Tgt Ion:146 Resp: 242246

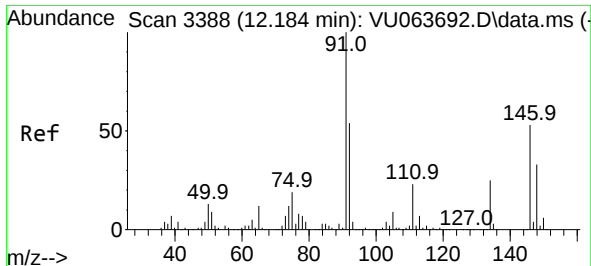
Ion Ratio Lower Upper

146 100

111 41.5 20.4 61.3

148 63.5 31.4 94.3





#89

n-Butylbenzene

Concen: 46.270 ug/l

RT: 12.183 min Scan# 3388

Delta R.T. -0.000 min

Lab File: VU063698.D

Acq: 11 Nov 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

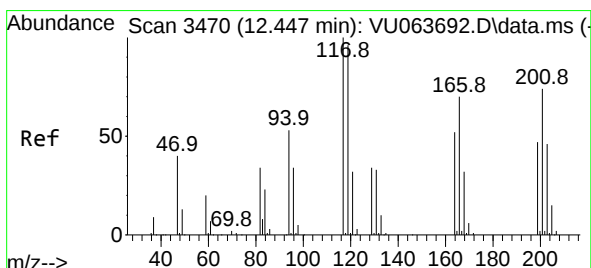
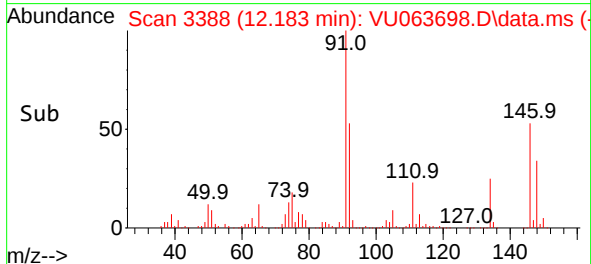
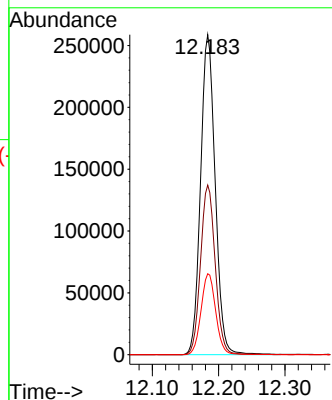
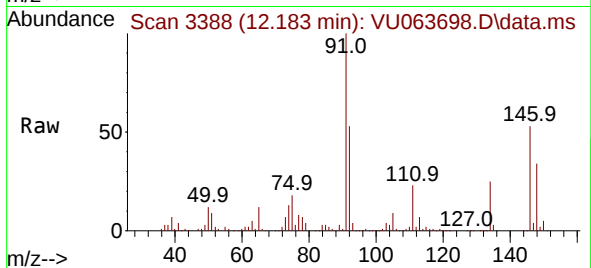
Tgt Ion: 91 Resp: 397121

Ion Ratio Lower Upper

91 100

92 53.2 27.0 81.0

134 25.4 12.4 37.4



#90

Hexachloroethane

Concen: 48.413 ug/l

RT: 12.447 min Scan# 3470

Delta R.T. -0.000 min

Lab File: VU063698.D

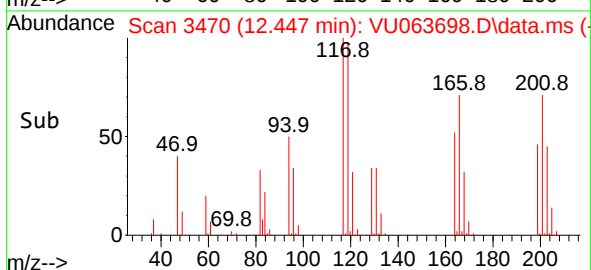
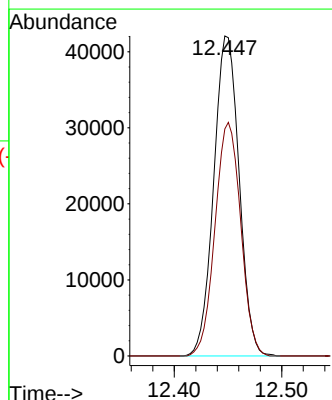
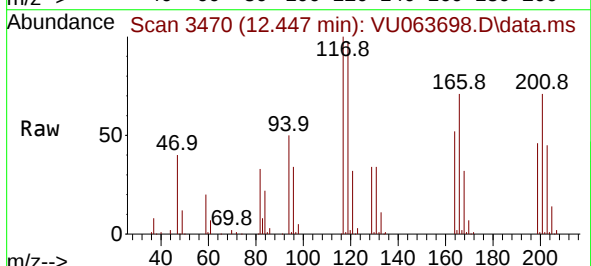
Acq: 11 Nov 2025 09:54

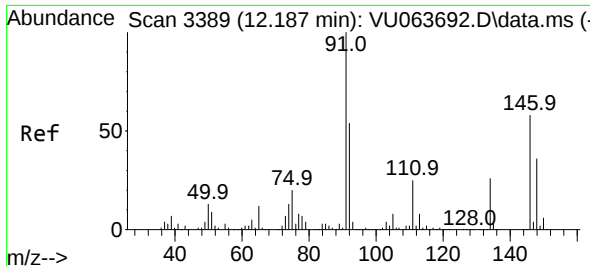
Tgt Ion: 117 Resp: 69022

Ion Ratio Lower Upper

117 100

201 73.8 36.6 109.8

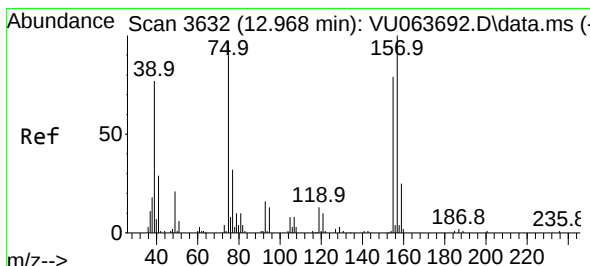
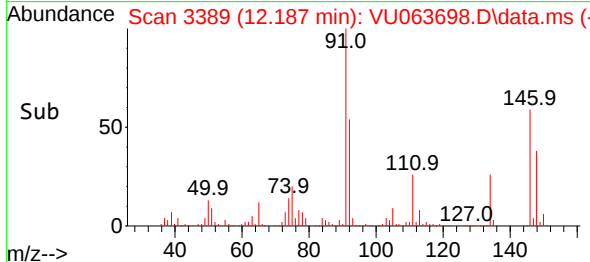
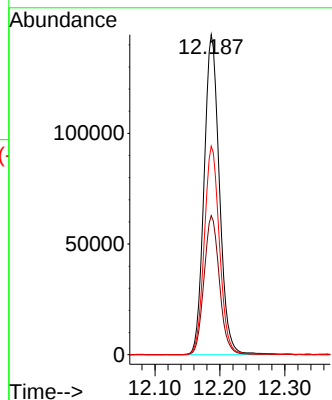
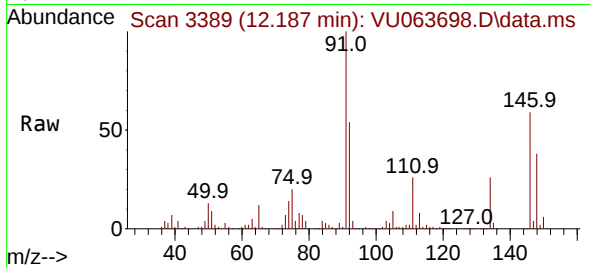




#91
 1,2-Dichlorobenzene
 Concen: 47.739 ug/l
 RT: 12.187 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU063698.D
 Acq: 11 Nov 2025 09:54

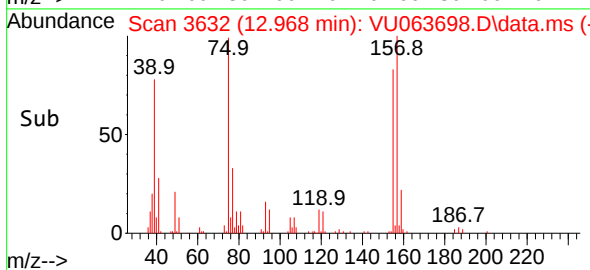
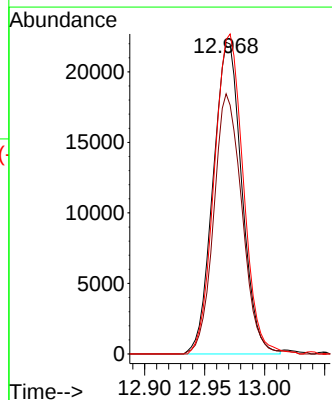
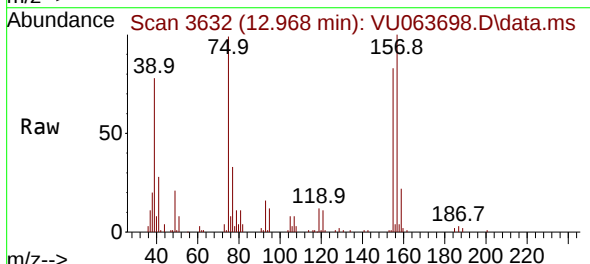
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

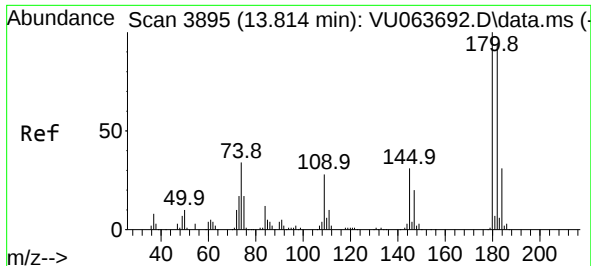
Tgt Ion:146 Resp: 237729
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.8 65.3
 148 64.7 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.318 ug/l
 RT: 12.968 min Scan# 3632
 Delta R.T. -0.000 min
 Lab File: VU063698.D
 Acq: 11 Nov 2025 09:54

Tgt Ion: 75 Resp: 36796
 Ion Ratio Lower Upper
 75 100
 155 82.1 40.5 121.4
 157 103.7 50.4 151.3

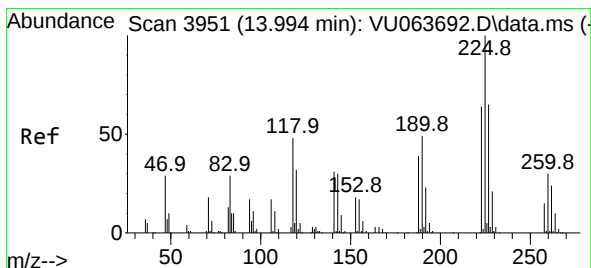
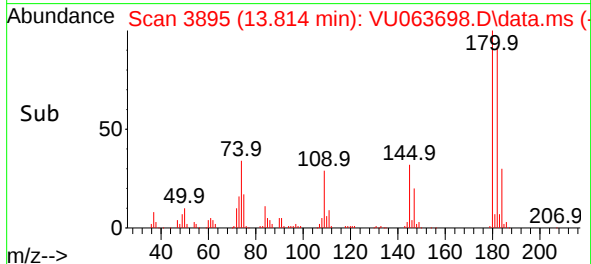
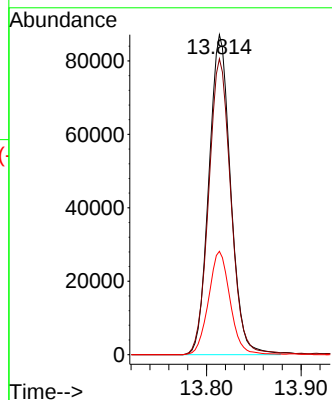
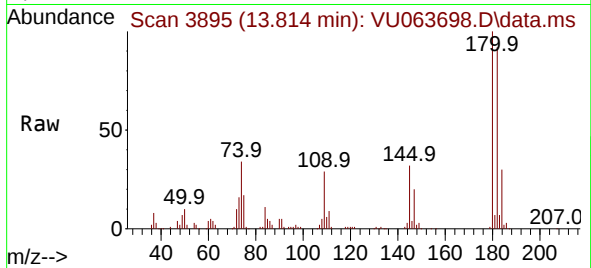




#93
1,2,4-Trichlorobenzene
Concen: 43.867 ug/l
RT: 13.814 min Scan# 3895
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

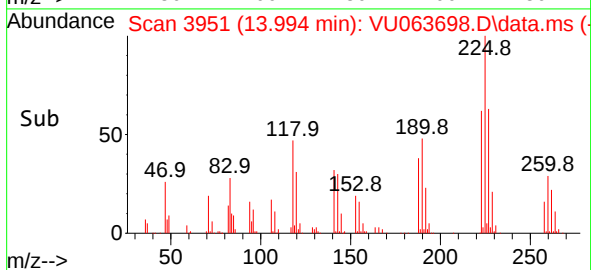
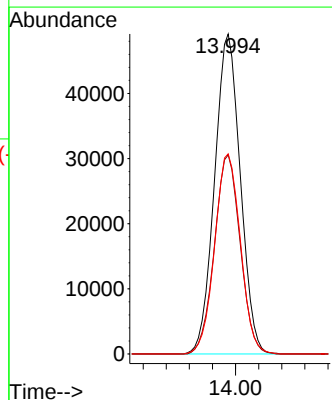
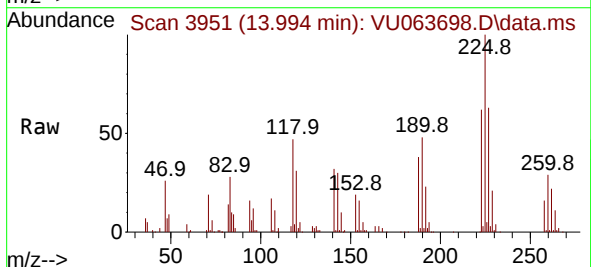
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

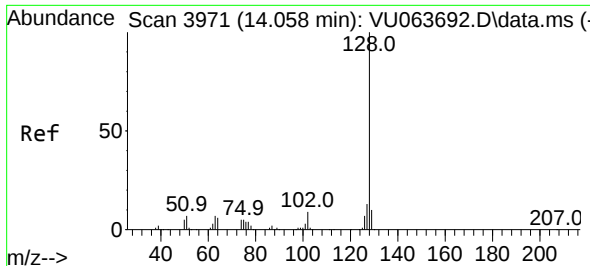
Tgt Ion:180 Resp: 139265
Ion Ratio Lower Upper
180 100
182 94.7 47.6 142.9
145 32.1 15.9 47.6



#94
Hexachlorobutadiene
Concen: 47.517 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion:225 Resp: 76010
Ion Ratio Lower Upper
225 100
223 62.3 31.6 94.8
227 62.6 32.4 97.0

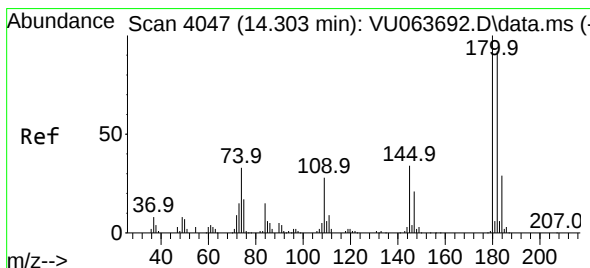
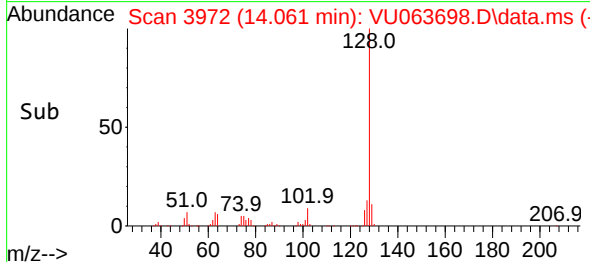
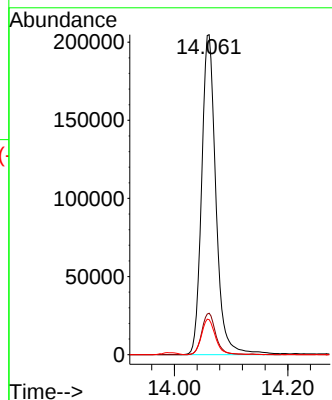
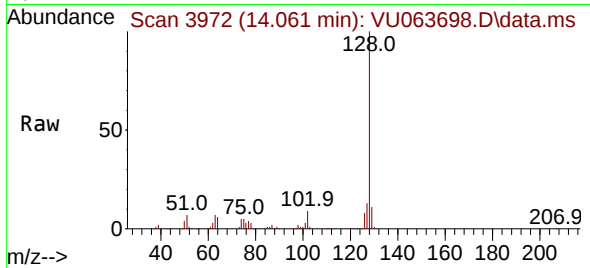




#95
Naphthalene
Concen: 41.681 ug/l
RT: 14.061 min Scan# 3971
Delta R.T. 0.003 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 358472
Ion Ratio Lower Upper
128 100
127 12.6 9.9 14.9
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 44.579 ug/l
RT: 14.302 min Scan# 4047
Delta R.T. -0.000 min
Lab File: VU063698.D
Acq: 11 Nov 2025 09:54

Tgt Ion:180 Resp: 131581
Ion Ratio Lower Upper
180 100
182 93.2 47.3 142.0
145 33.8 16.6 49.7

