

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020325\
 Data File : VU063109p.D
 Acq On : 03 Feb 2025 09:10
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 04 07:28:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020325WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 04 07:26:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	63049	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	59366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	24670	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	2134	0.816	ug/L	0.00
7) Chloroethane-d5	1.904	69	1771	0.856	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	925	0.636	ug/L	0.00
20) 2-Butanone-d5	4.647	46	4200	5.589	ug/L	0.04
24) Chloroform-d	5.055	84	4140	0.459	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	1800	0.363	ug/L	0.00
32) Benzene-d6	5.721	84	8105	0.559	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	2718	0.677	ug/L	0.00
41) Toluene-d8	7.894	98	6748	0.483	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	937	0.433	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	3172	5.129	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.750	84	2037	0.564	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	2238	0.503	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	2017	0.390	ug/L	99
3) Chloromethane	1.515	50	2568	0.836	ug/L	98
5) Vinyl chloride	1.599	62	2321	0.685	ug/L	91
6) Bromomethane	1.846	94	1294	0.754	ug/L	90
8) Chloroethane	1.924	64	1464	0.822	ug/L	98
9) Trichlorofluoromethane	2.129	101	3445	0.466	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	2036	0.529	ug/L	95
12) 1,1-Dichloroethene	2.570	96	1975	0.577	ug/L	97
13) Acetone	2.628	43	3485	7.692	ug/L	99
14) Carbon disulfide	2.782	76	6171	0.681	ug/L	98
15) Methyl Acetate	2.956	43	566	0.583	ug/L #	47
16) Methylene chloride	3.033	84	2503	0.676	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	4653	0.465	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	2020	0.554	ug/L	88
19) 1,1-Dichloroethane	3.856	63	3896	0.594	ug/L	94
21) 2-Butanone	4.718	43	3920	5.913	ug/L	77
22) cis-1,2-Dichloroethene	4.666	96	2220	0.504	ug/L	97
23) Bromochloromethane	4.968	128	974	0.461	ug/L	95
25) Chloroform	5.078	83	4170	0.473	ug/L	99
27) 1,2-Dichloroethane	5.792	62	2272	0.383	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	3320	0.379	ug/L	98
30) Cyclohexane	5.370	56	2792	0.582	ug/L	91
31) Carbon tetrachloride	5.515	117	2842	0.345	ug/L	96
33) Benzene	5.766	78	8334	0.540	ug/L	100
34) Trichloroethene	6.534	95	2653	0.535	ug/L	91
35) Methylcyclohexane	6.750	83	3291	0.515	ug/L	96
37) 1,2-Dichloropropane	6.785	63	2421	0.661	ug/L #	90
38) Bromodichloromethane	7.097	83	3026	0.467	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	3188	0.498	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	10275	5.744	ug/L	99
42) Toluene	7.965	91	8836	0.495	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	2616	0.457	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020325\
 Data File : VU063109p.D
 Acq On : 03 Feb 2025 09:10
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

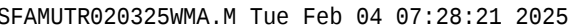
Quant Time: Feb 04 07:28:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020325WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 04 07:26:50 2025
 Response via : Initial Calibration

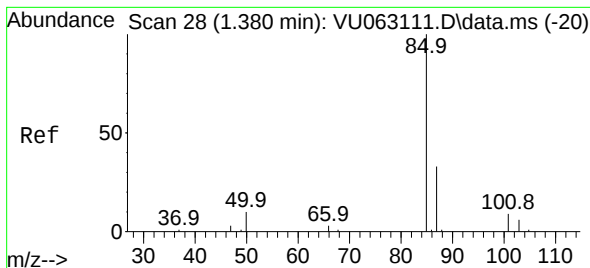
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.393	97	1693	0.525	ug/L	93
47) Tetrachloroethene	8.544	164	1555	0.384	ug/L	95
48) 2-Hexanone	8.685	43	6076	4.864	ug/L	96
49) Dibromochloromethane	8.801	129	1831	0.398	ug/L	87
50) 1,2-Dibromoethane	8.920	107	1503	0.475	ug/L #	96
51) Chlorobenzene	9.441	112	5587	0.464	ug/L	88
52) Ethylbenzene	9.563	91	9068	0.446	ug/L	97
53) m,p-Xylene	9.688	106	3023	0.391	ug/L	93
54) o-Xylene	10.090	106	3238	0.451	ug/L	93
55) Styrene	10.113	104	4676	0.385	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	2125	0.570	ug/L #	89
59) Bromoform	10.283	173	1047	0.456	ug/L #	96
60) Isopropylbenzene	10.476	105	8658	0.535	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	1290	0.598	ug/L #	87
62) 1,3,5-Trimethylbenzene	11.081	105	6128	0.441	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	5800	0.442	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	4061	0.509	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	4175	0.524	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	3643	0.484	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.000	75	87	0.162	ug/L #	74
69) 1,3,5-Trichlorobenzene	13.843	180	1584	0.256	ug/L	91
70) 1,2,4-trichlorobenzene	13.843	180	1584	0.325	ug/L	88
71) Naphthalene	14.097	128	1655	0.254	ug/L #	76
72) 1,2,3-Trichlorobenzene	14.325	180	1498	0.355	ug/L	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

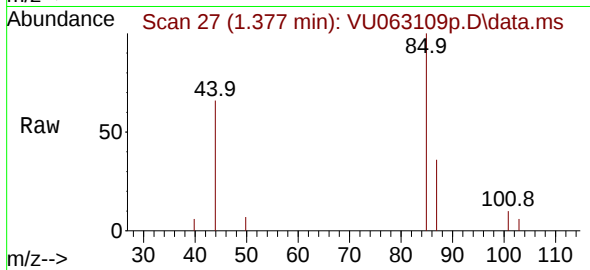
Quant Time: Feb 04 07:28:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020325WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 04 07:26:50 2025
Response via : Initial Calibration



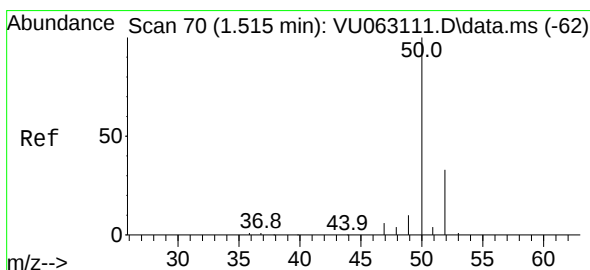
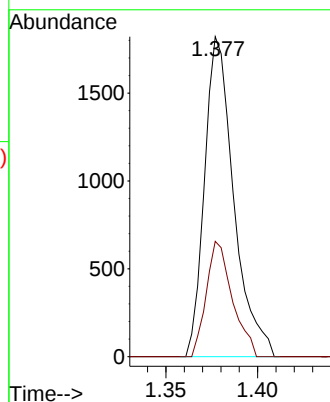
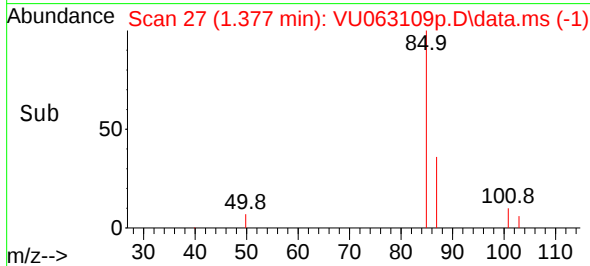


#2
 Dichlorodifluoromethane
 Concen: 0.390 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU063109p.D
 Acq: 03 Feb 2025 09:10

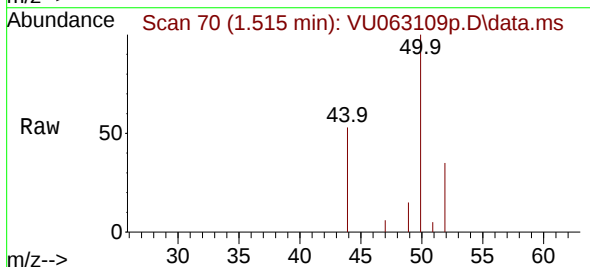
Instrument :
 MSVOA_U
 ClientSampleId :



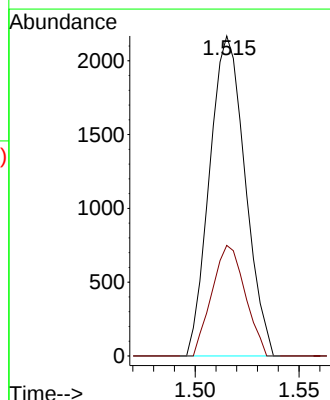
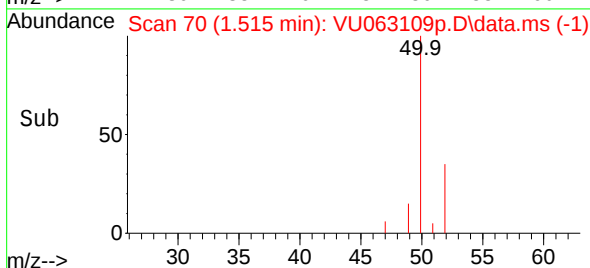
Tgt Ion: 85 Resp: 2017
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.4 38.0

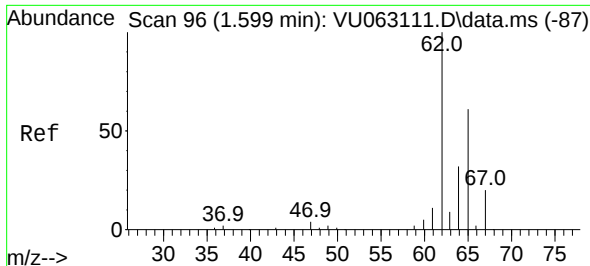


#3
 Chloromethane
 Concen: 0.836 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU063109p.D
 Acq: 03 Feb 2025 09:10



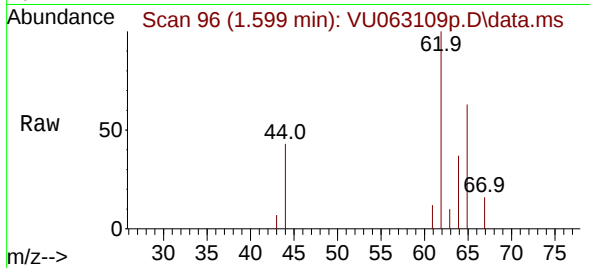
Tgt Ion: 50 Resp: 2568
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.2 43.2



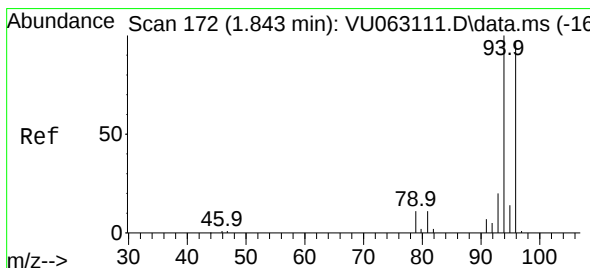
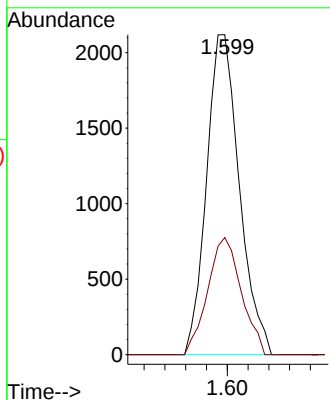
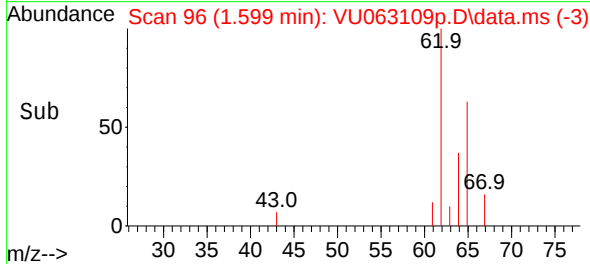


#5
 Vinyl chloride
 Concen: 0.685 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU063109p.D
 Acq: 03 Feb 2025 09:10

Instrument :
 MSVOA_U
 ClientSampleId :

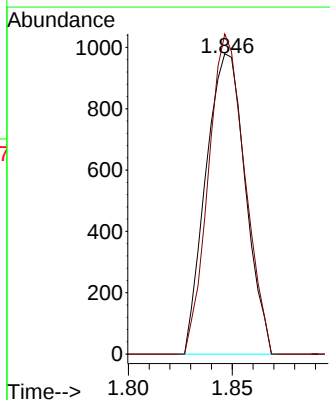
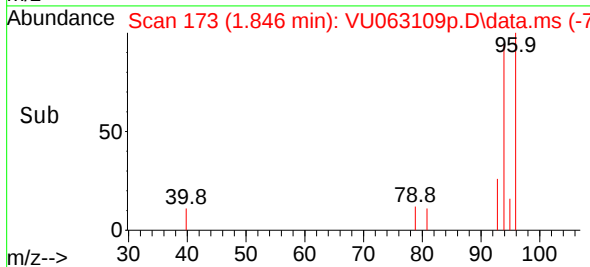
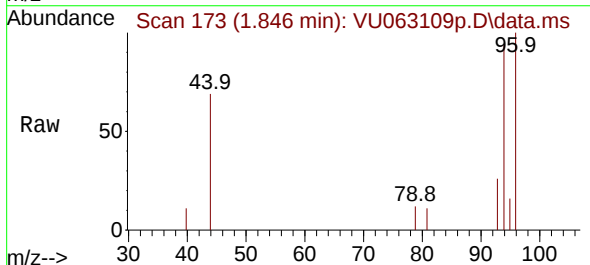


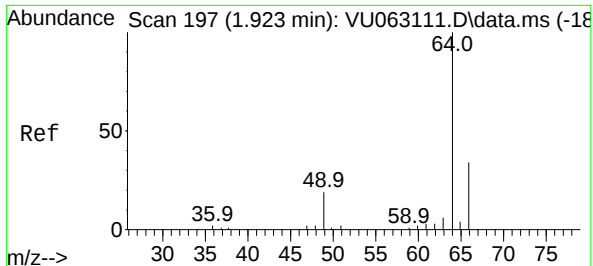
Tgt Ion: 62 Resp: 2321
 Ion Ratio Lower Upper
 62 100
 64 36.6 22.3 41.3



#6
 Bromomethane
 Concen: 0.754 ug/L
 RT: 1.846 min Scan# 173
 Delta R.T. 0.003 min
 Lab File: VU063109p.D
 Acq: 03 Feb 2025 09:10

Tgt Ion: 94 Resp: 1294
 Ion Ratio Lower Upper
 94 100
 96 106.5 67.8 125.8

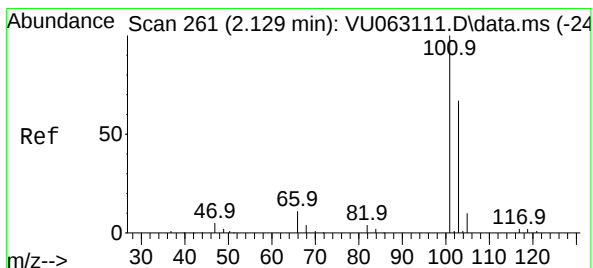
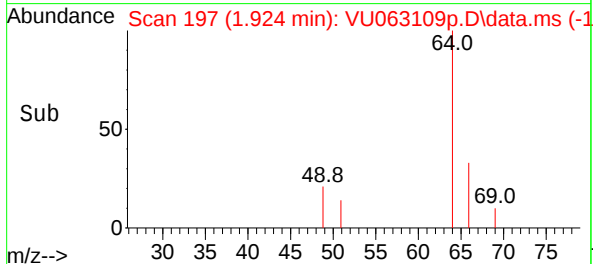
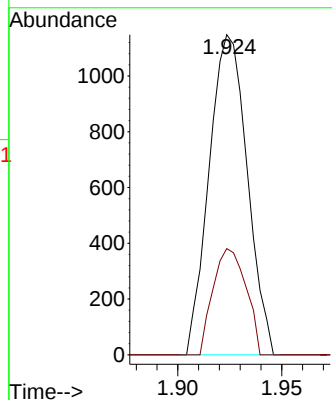
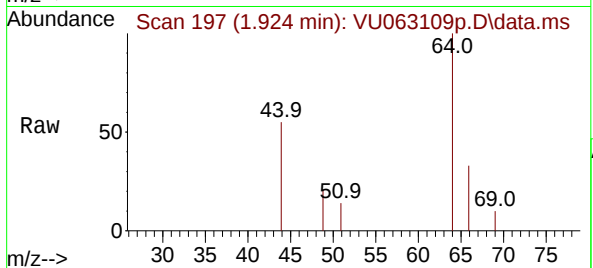




#8
Chloroethane
Concen: 0.822 ug/L
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

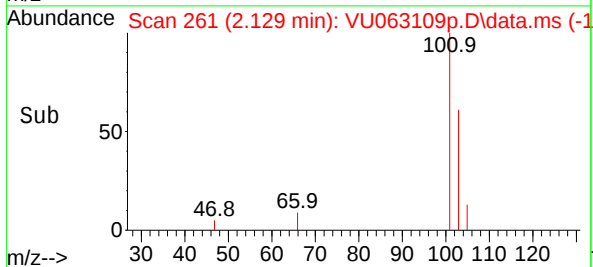
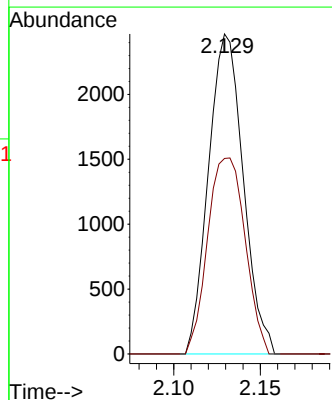
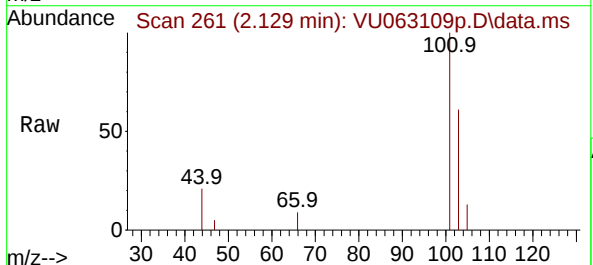
Instrument :
MSVOA_U
ClientSampleId :

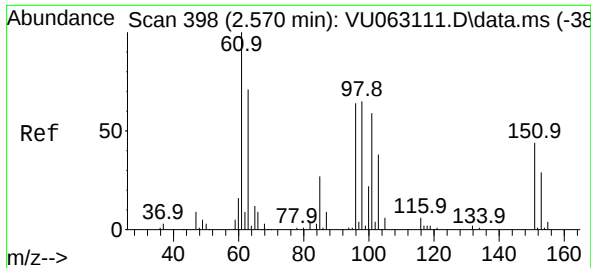
Tgt Ion: 64 Resp: 1464
Ion Ratio Lower Upper
64 100
66 33.2 24.1 44.7



#9
Trichlorofluoromethane
Concen: 0.466 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

Tgt Ion:101 Resp: 3445
Ion Ratio Lower Upper
101 100
103 66.0 53.0 79.4

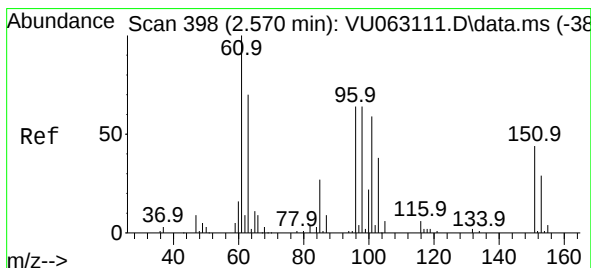
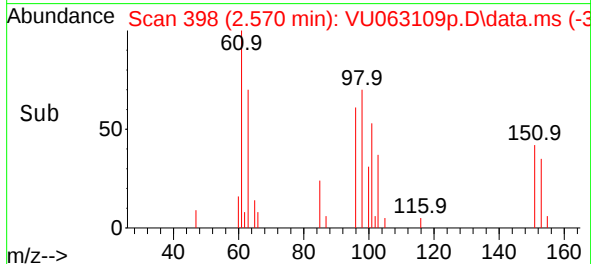
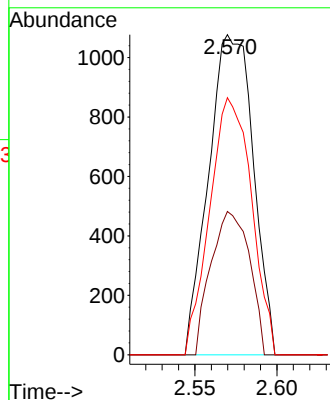
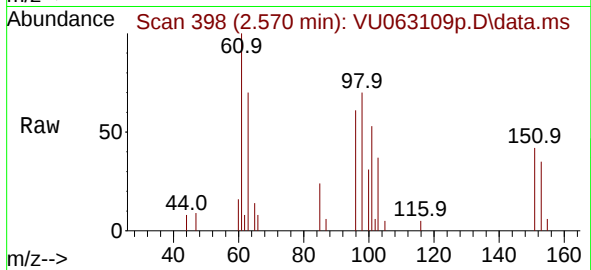




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.529 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063109p.D
 Acq: 03 Feb 2025 09:10

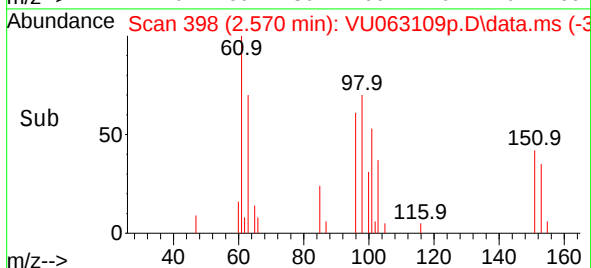
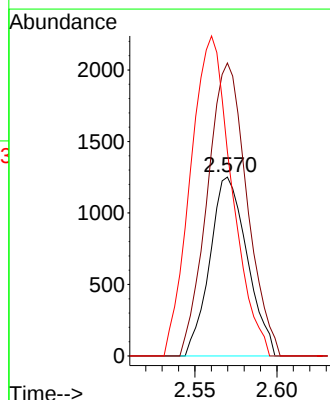
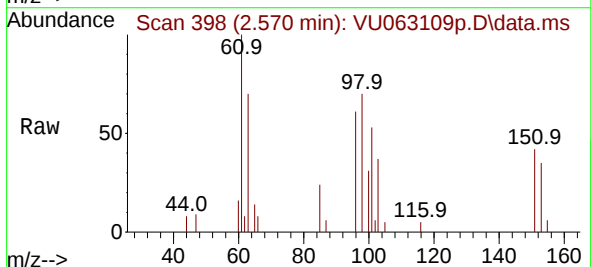
Instrument :
 MSVOA_U
 ClientSampleId :

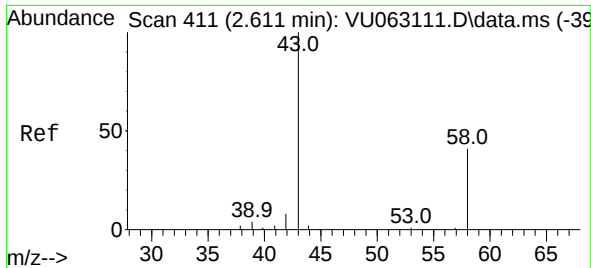
Tgt Ion:101 Resp: 2036
 Ion Ratio Lower Upper
 101 100
 85 38.7 34.0 51.0
 151 75.1 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 0.577 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063109p.D
 Acq: 03 Feb 2025 09:10

Tgt Ion: 96 Resp: 1975
 Ion Ratio Lower Upper
 96 100
 61 163.8 110.2 204.6
 63 114.2 79.6 147.8





#13

Acetone

Concen: 7.692 ug/L

RT: 2.628 min Scan# 411

Delta R.T. 0.016 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Instrument :

MSVOA_U

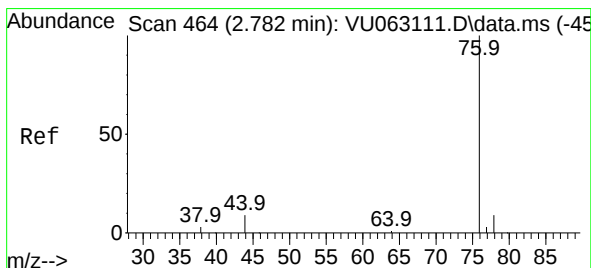
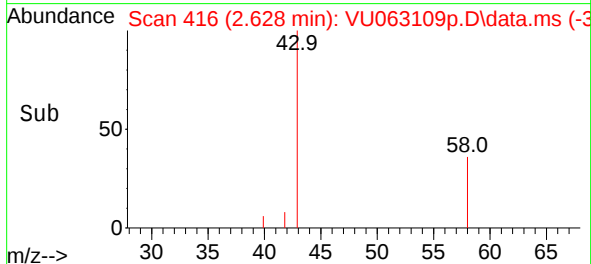
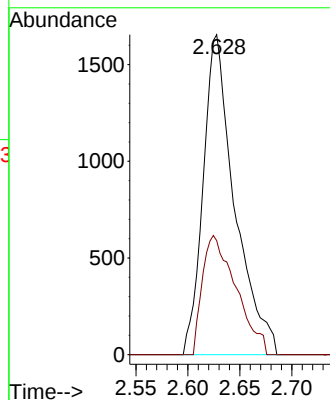
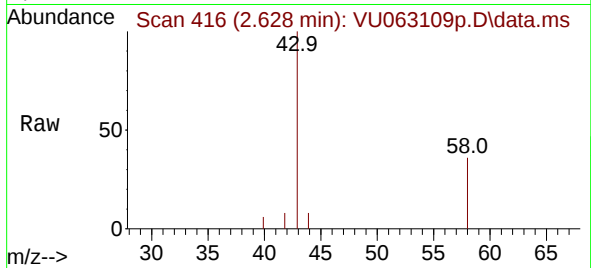
ClientSampleId :

Tgt Ion: 43 Resp: 3485

Ion Ratio Lower Upper

43 100

58 39.8 0.0 81.0



#14

Carbon disulfide

Concen: 0.681 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU063109p.D

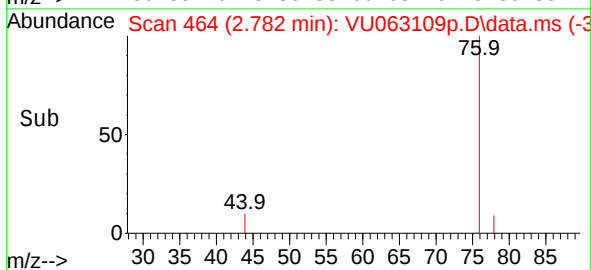
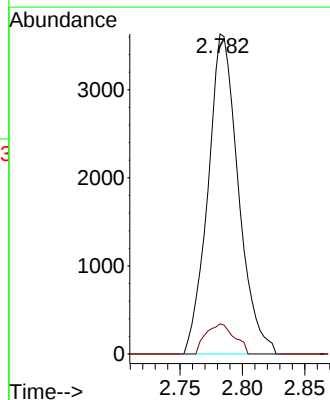
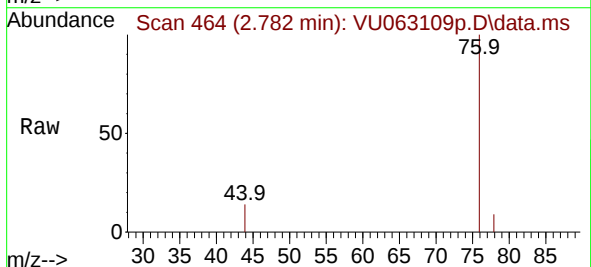
Acq: 03 Feb 2025 09:10

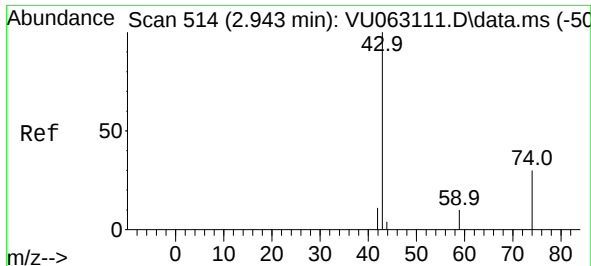
Tgt Ion: 76 Resp: 6171

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6





#15

Methyl Acetate

Concen: 0.583 ug/L

RT: 2.956 min Scan# 514

Delta R.T. 0.013 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Instrument :

MSVOA_U

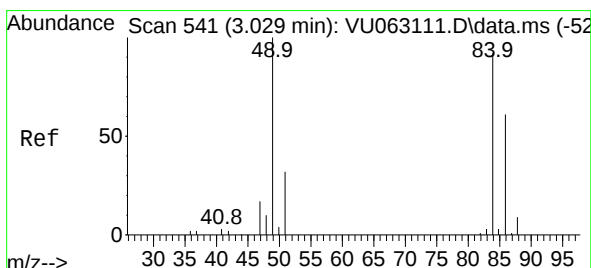
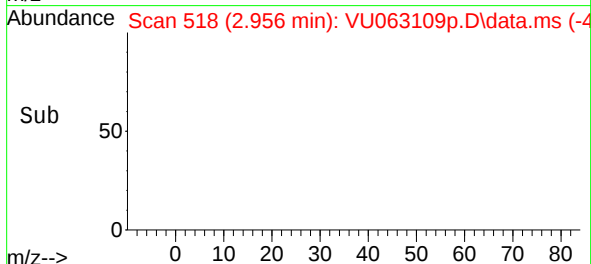
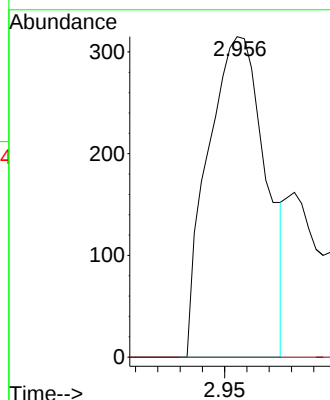
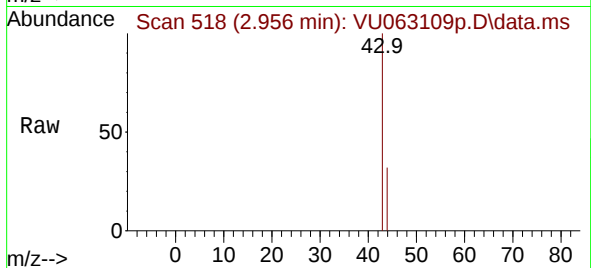
ClientSampleId :

Tgt Ion: 43 Resp: 566

Ion Ratio Lower Upper

43 100

74 0.0 22.3 33.5#



#16

Methylene chloride

Concen: 0.676 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.003 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

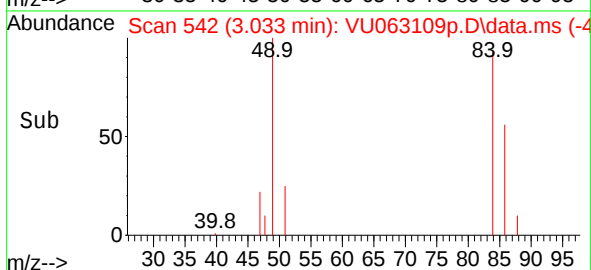
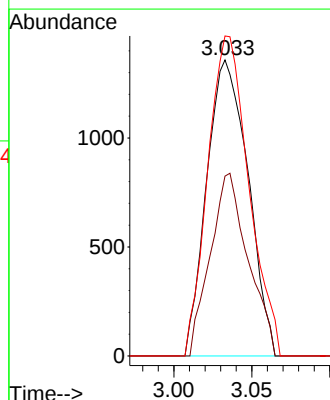
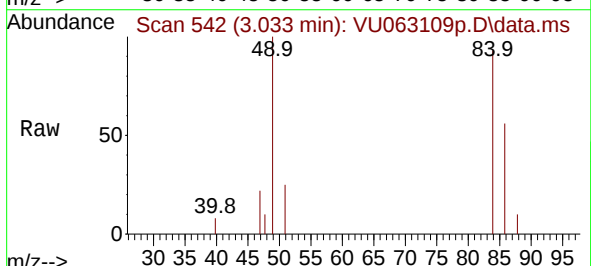
Tgt Ion: 84 Resp: 2503

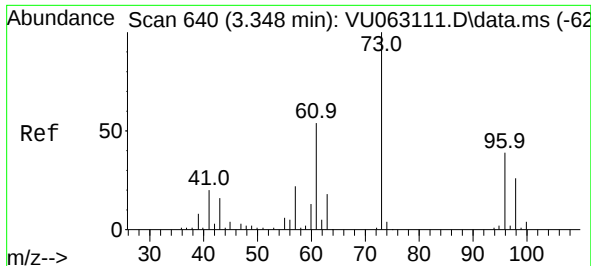
Ion Ratio Lower Upper

84 100

86 60.8 46.3 86.1

49 108.1 75.9 141.1

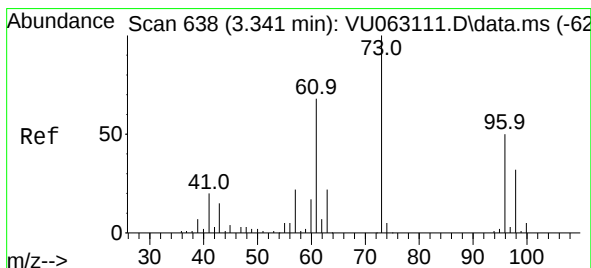
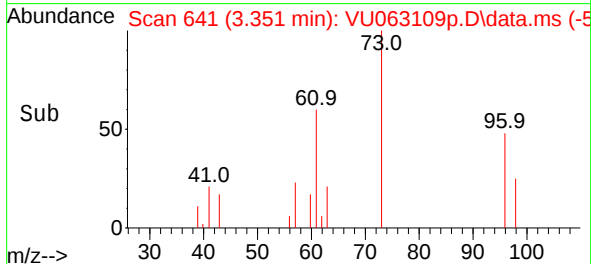
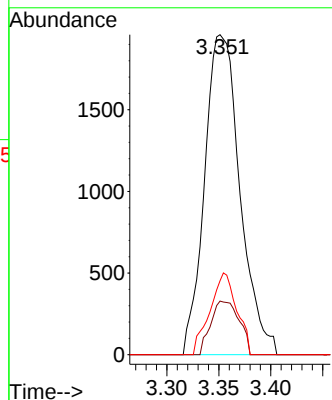
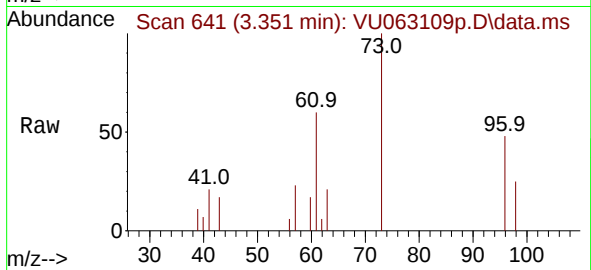




#17
Methyl tert-butyl Ether
Concen: 0.465 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

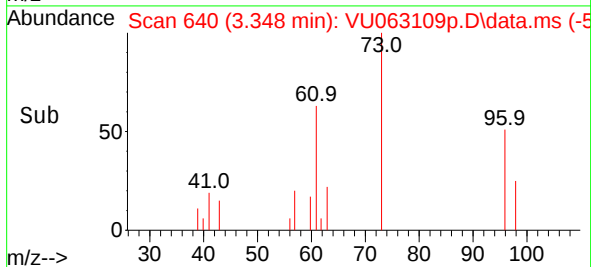
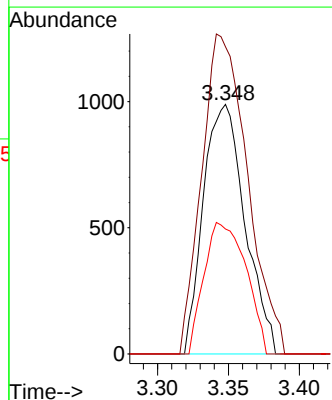
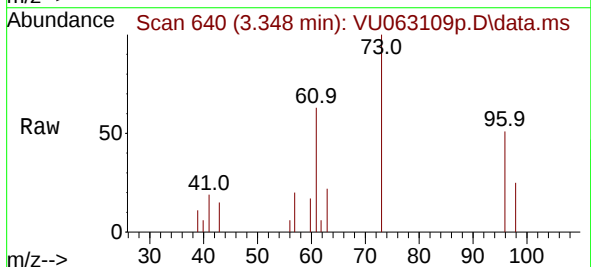
Instrument :
MSVOA_U
ClientSampleId :

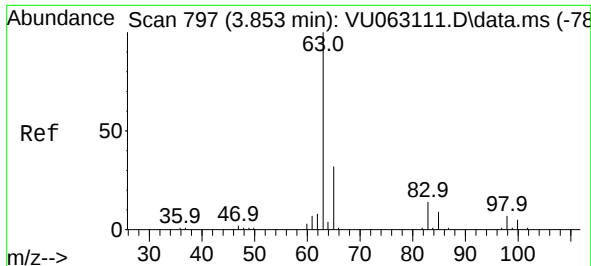
Tgt Ion: 73 Resp: 4653
Ion Ratio Lower Upper
73 100
43 13.4 12.5 18.7
57 19.3 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.554 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.007 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

Tgt Ion: 96 Resp: 2020
Ion Ratio Lower Upper
96 100
61 123.1 94.6 175.6
98 50.1 44.4 82.5





#19

1,1-Dichloroethane

Concen: 0.594 ug/L

RT: 3.856 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU063109p.D

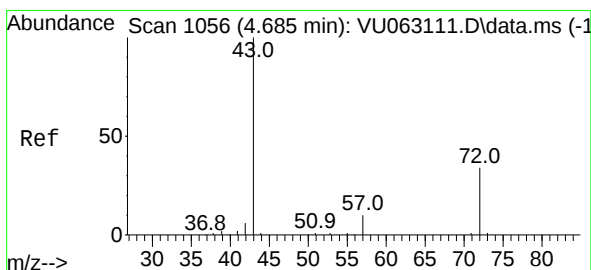
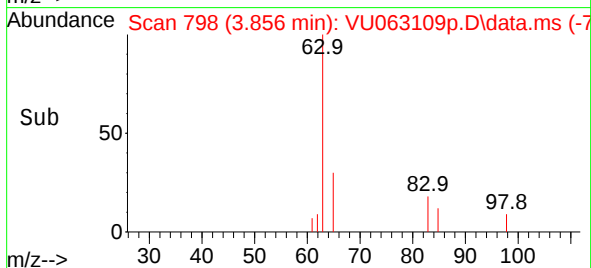
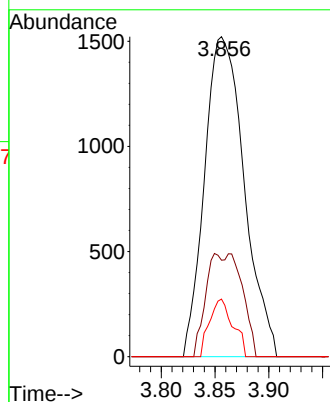
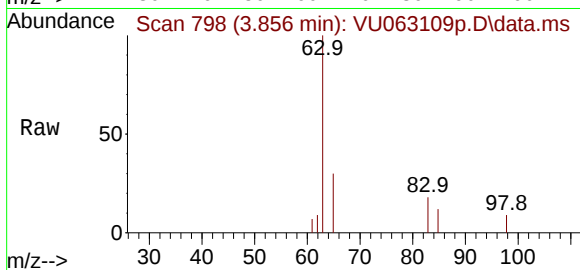
Acq: 03 Feb 2025 09:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	3896
Ion	Ratio	Lower	Upper
63	100		
65	30.2	22.7	42.1
83	18.0	9.9	18.3



#21

2-Butanone

Concen: 5.913 ug/L

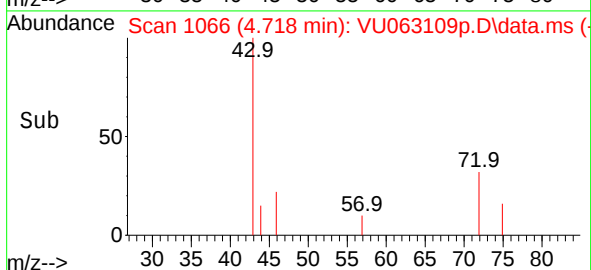
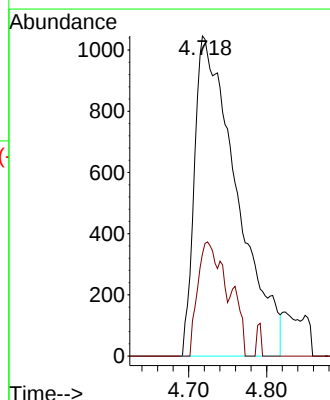
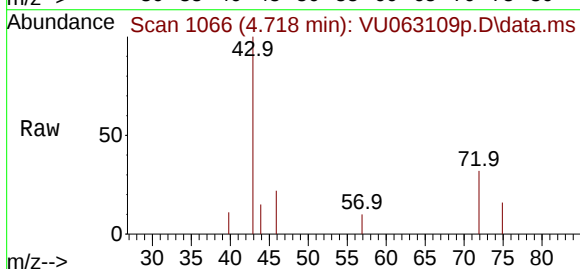
RT: 4.718 min Scan# 1066

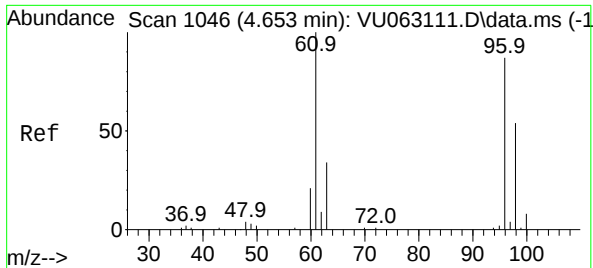
Delta R.T. 0.032 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Tgt Ion:	43	Resp:	3920
Ion	Ratio	Lower	Upper
43	100		
72	20.5	16.7	50.0





#22

cis-1,2-Dichloroethene

Concen: 0.504 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.013 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Instrument :

MSVOA_U

ClientSampleId :

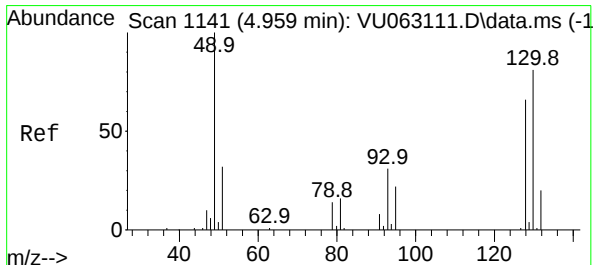
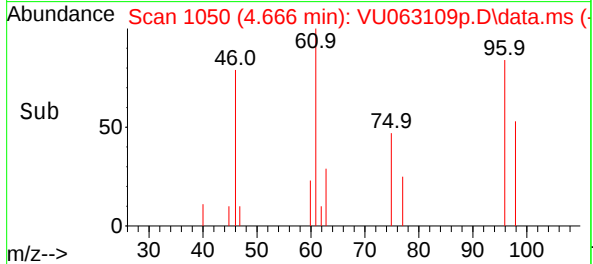
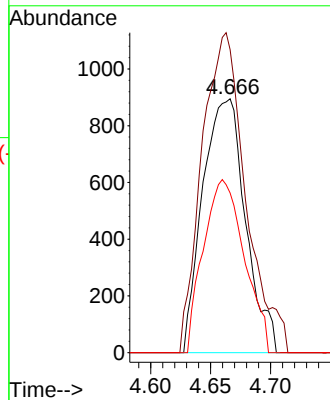
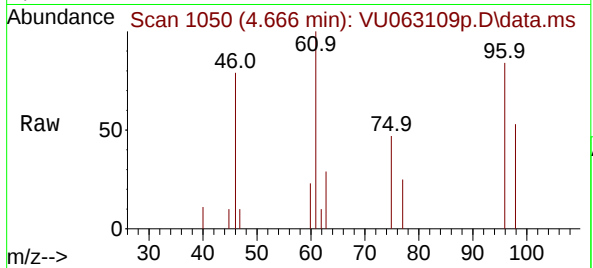
Tgt Ion: 96 Resp: 2220

Ion Ratio Lower Upper

96 100

61 119.3 80.8 150.2

98 62.9 43.4 80.6



#23

Bromochloromethane

Concen: 0.461 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.010 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Tgt Ion:128 Resp: 974

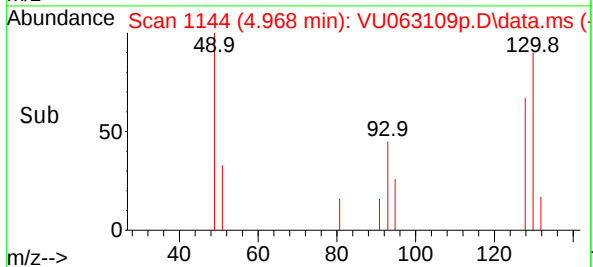
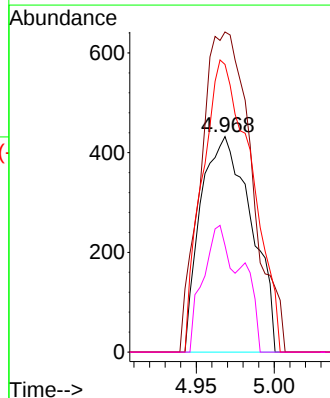
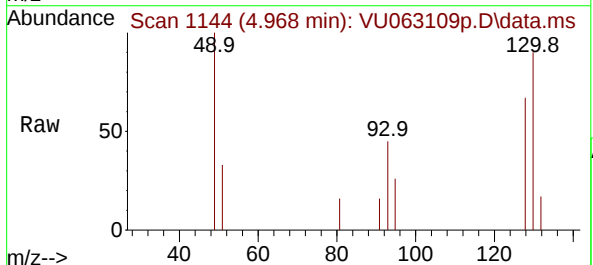
Ion Ratio Lower Upper

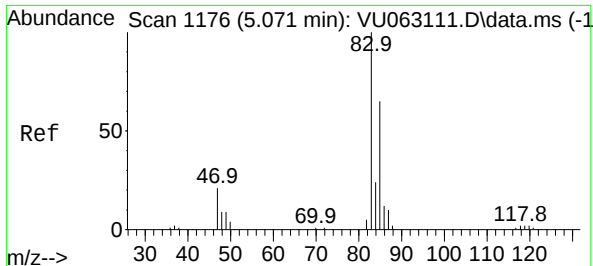
128 100

49 148.6 105.4 195.8

130 133.6 85.0 157.8

51 49.5 38.7 58.1





#25

Chloroform

Concen: 0.473 ug/L

RT: 5.078 min Scan# 1176

Delta R.T. 0.007 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Instrument :

MSVOA_U

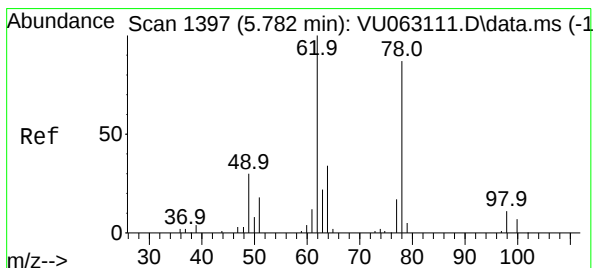
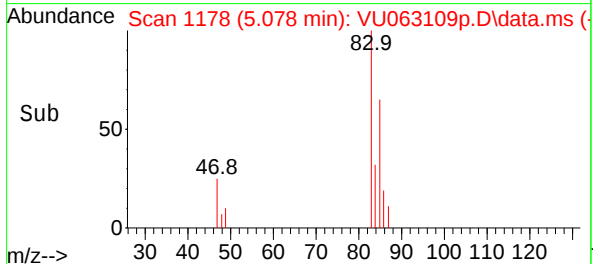
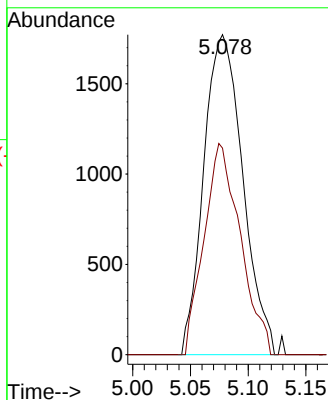
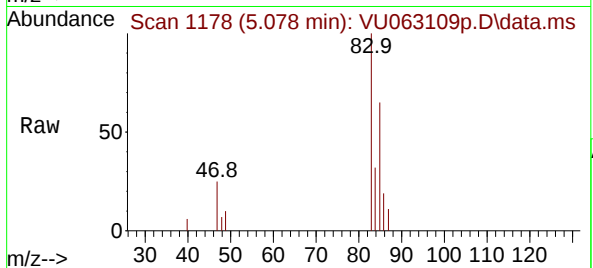
ClientSampleId :

Tgt Ion: 83 Resp: 4170

Ion Ratio Lower Upper

83 100

85 64.6 45.7 84.9



#27

1,2-Dichloroethane

Concen: 0.383 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.010 min

Lab File: VU063109p.D

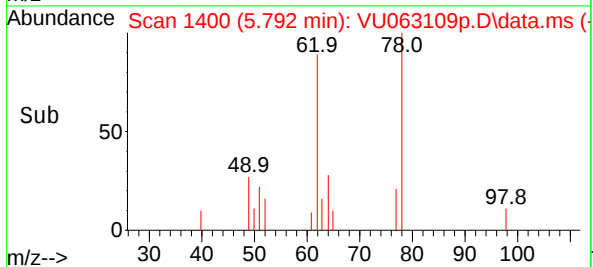
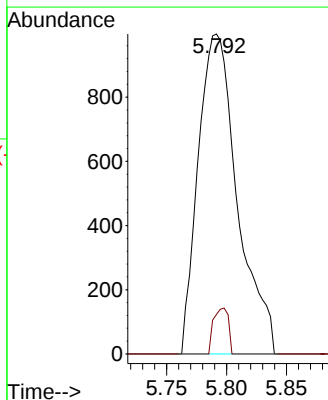
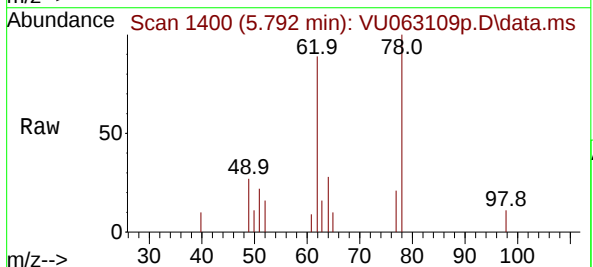
Acq: 03 Feb 2025 09:10

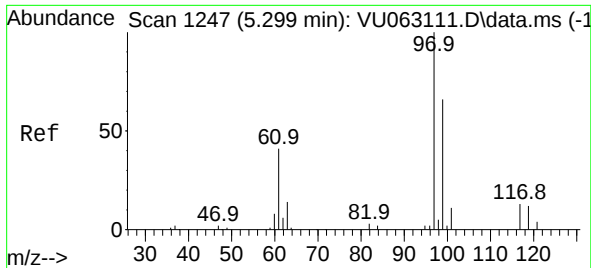
Tgt Ion: 62 Resp: 2272

Ion Ratio Lower Upper

62 100

98 12.3 8.6 12.8

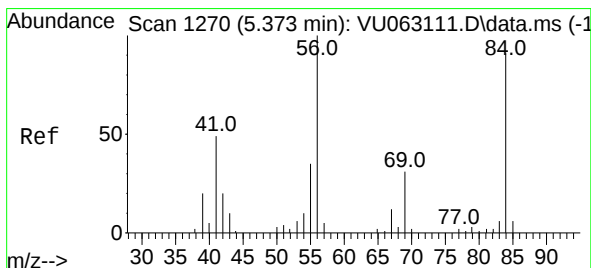
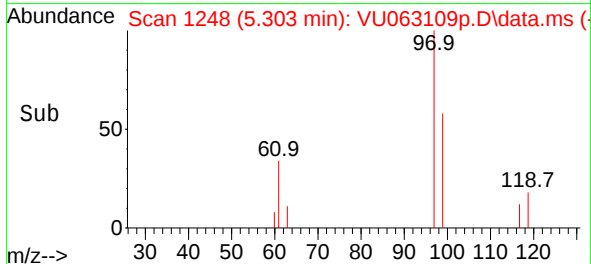
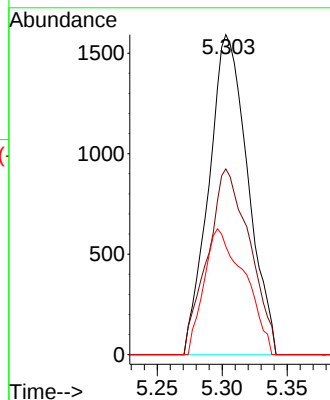
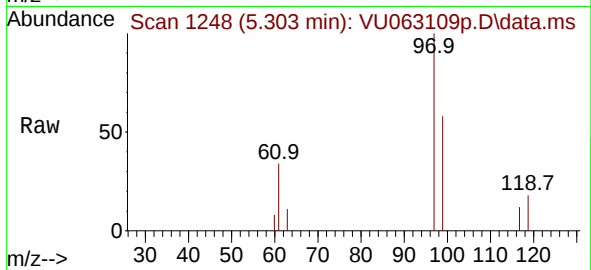




#29
1,1,1-Trichloroethane
Concen: 0.379 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

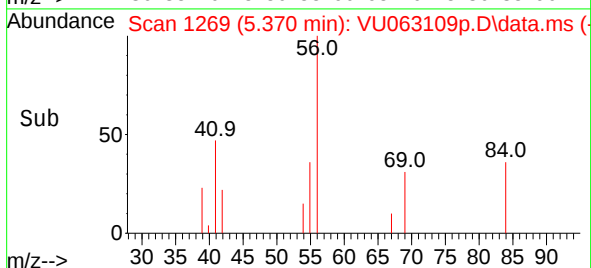
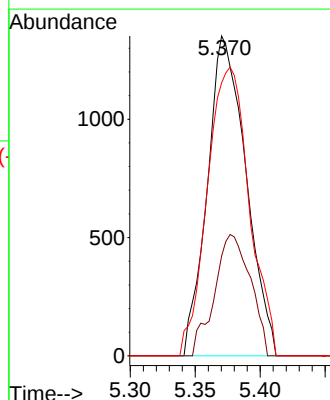
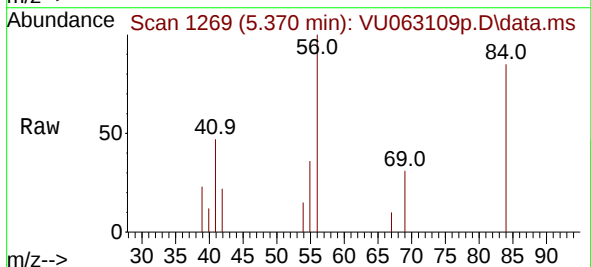
Instrument :
MSVOA_U
ClientSampleId :

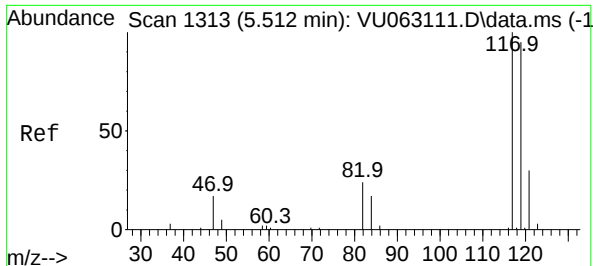
Tgt Ion: 97 Resp: 3320
Ion Ratio Lower Upper
97 100
99 62.8 52.3 78.5
61 41.0 33.2 49.8



#30
Cyclohexane
Concen: 0.582 ug/L
RT: 5.370 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

Tgt Ion: 56 Resp: 2792
Ion Ratio Lower Upper
56 100
69 35.4 25.1 37.7
84 97.9 71.4 107.2





#31

Carbon tetrachloride

Concen: 0.345 ug/L

RT: 5.515 min Scan# 1313

Delta R.T. 0.003 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Instrument :

MSVOA_U

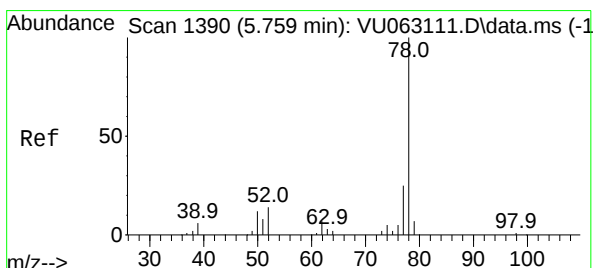
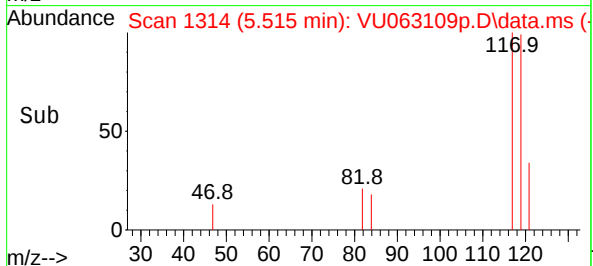
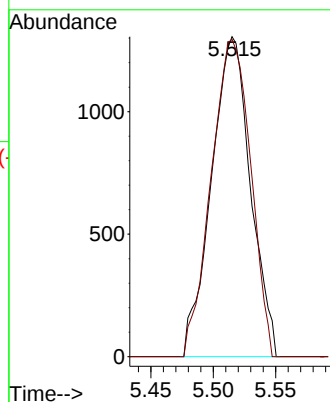
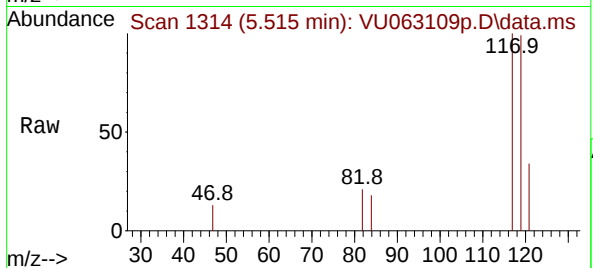
ClientSampleId :

Tgt Ion:117 Resp: 2842

Ion Ratio Lower Upper

117 100

119 100.4 77.0 115.6



#33

Benzene

Concen: 0.540 ug/L

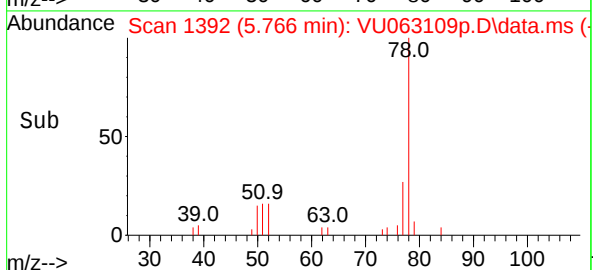
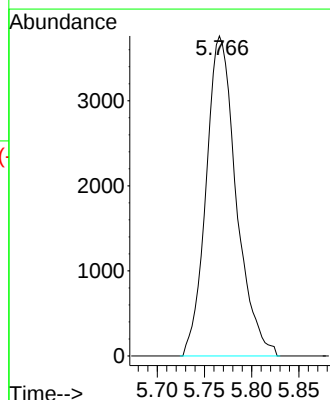
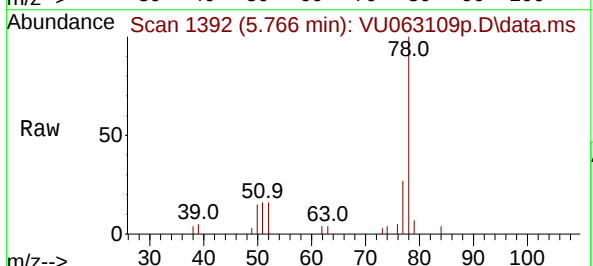
RT: 5.766 min Scan# 1392

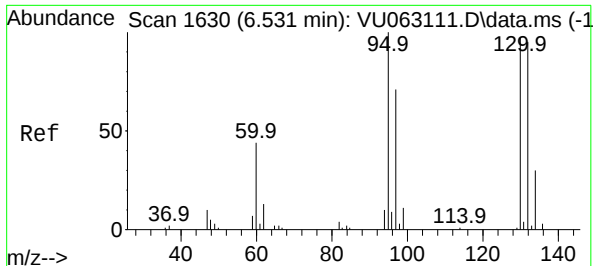
Delta R.T. 0.007 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

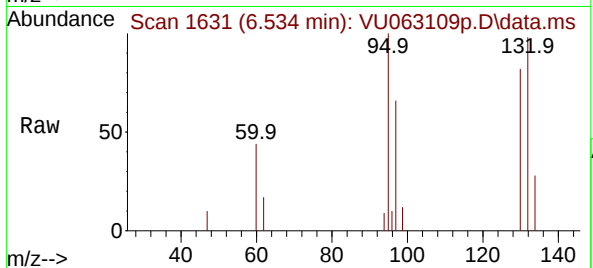
Tgt Ion: 78 Resp: 8334



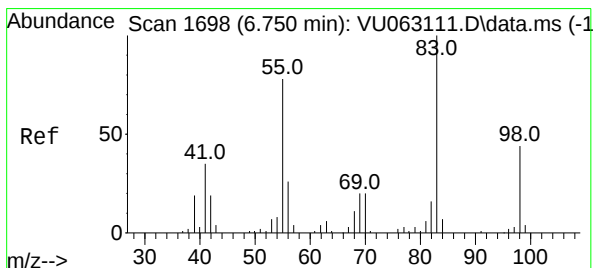
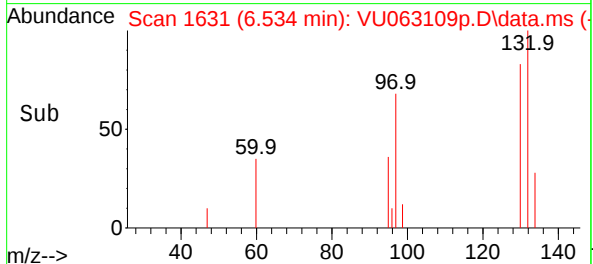
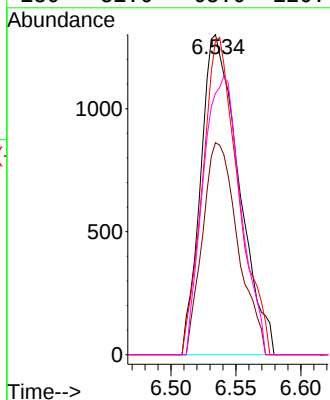


#34
Trichloroethene
Concen: 0.535 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

Instrument :
MSVOA_U
ClientSampleId :

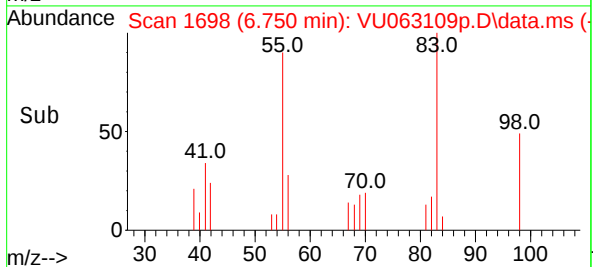
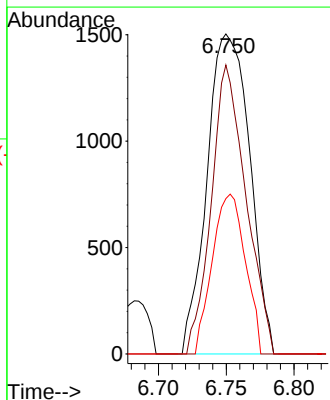
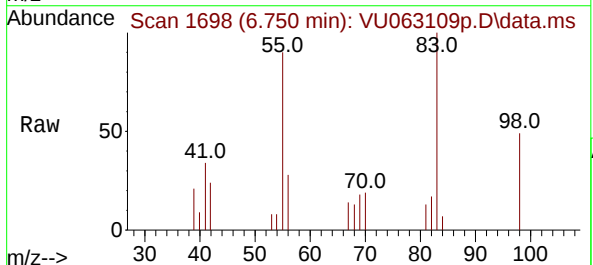


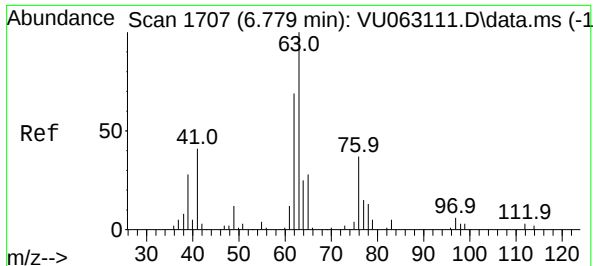
Tgt Ion: 95 Resp: 2653
Ion Ratio Lower Upper
95 100
97 66.3 49.6 92.0
132 98.1 66.4 123.2
130 81.6 68.0 126.4



#35
Methylcyclohexane
Concen: 0.515 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

Tgt Ion: 83 Resp: 3291
Ion Ratio Lower Upper
83 100
55 73.4 59.4 89.0
98 38.7 35.8 53.8

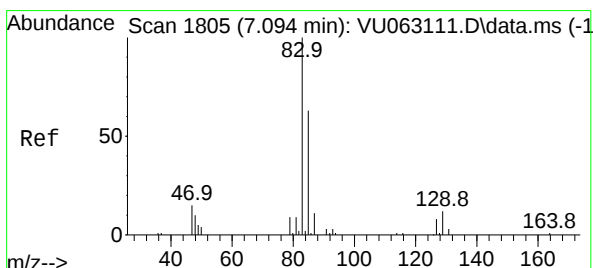
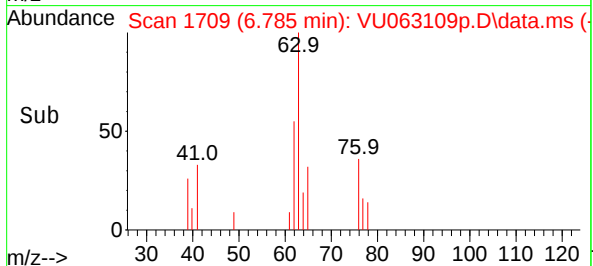
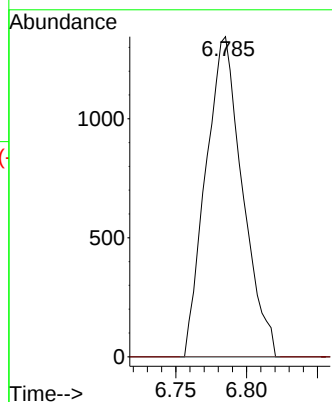
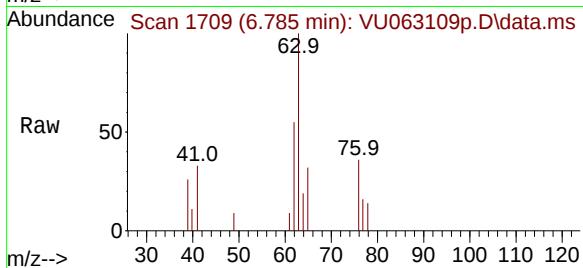




#37
1,2-Dichloropropane
Concen: 0.661 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.007 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

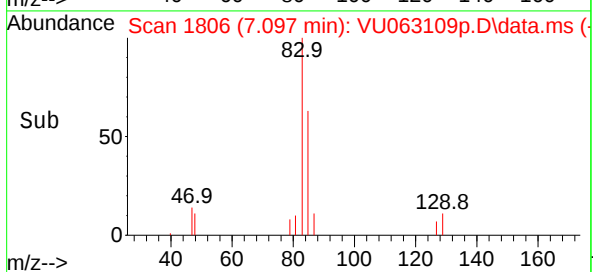
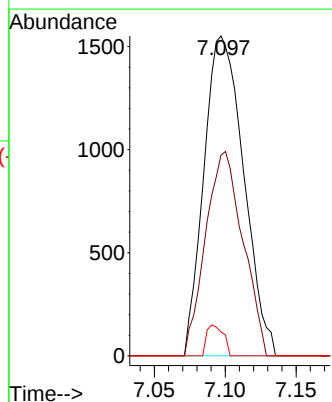
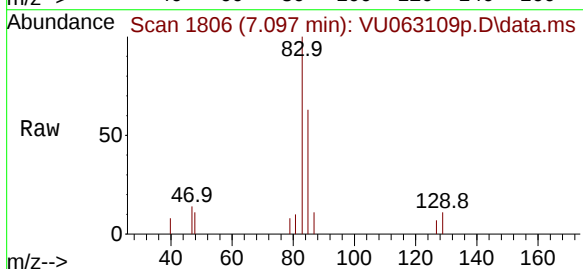
Instrument :
MSVOA_U
ClientSampleId :

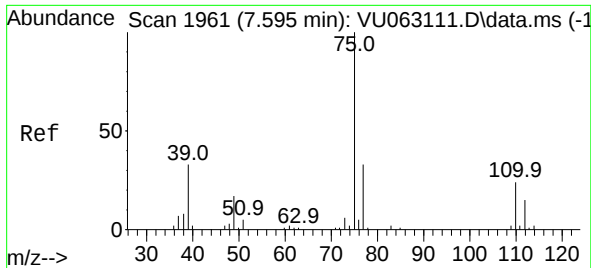
Tgt Ion: 63 Resp: 2421
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#38
Bromodichloromethane
Concen: 0.467 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

Tgt Ion: 83 Resp: 3026
Ion Ratio Lower Upper
83 100
85 62.8 44.0 81.8
127 7.5 6.1 9.1

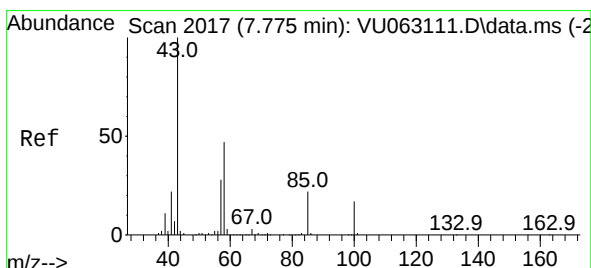
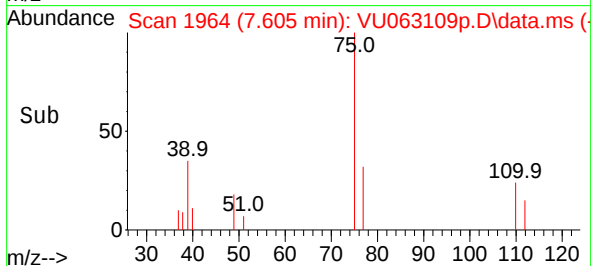
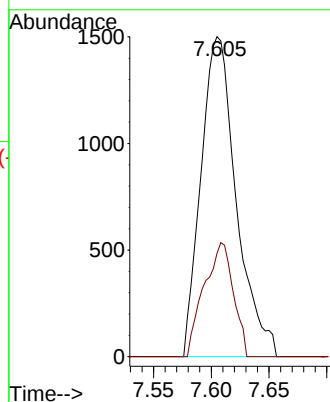
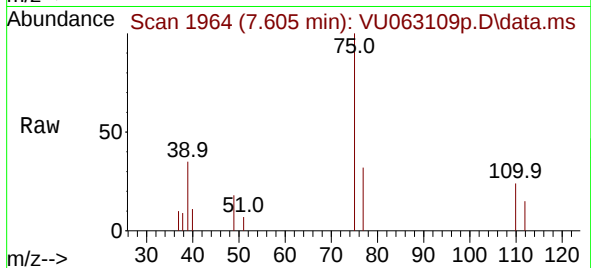




#39
 cis-1,3-Dichloropropene
 Concen: 0.498 ug/L
 RT: 7.605 min Scan# 1961
 Delta R.T. 0.010 min
 Lab File: VU063109p.D
 Acq: 03 Feb 2025 09:10

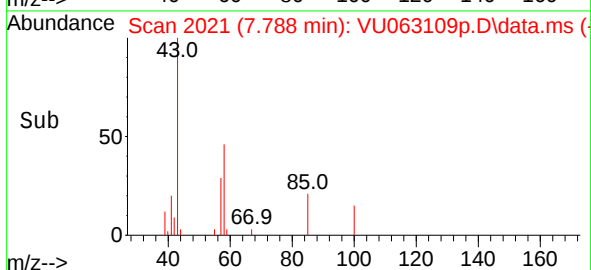
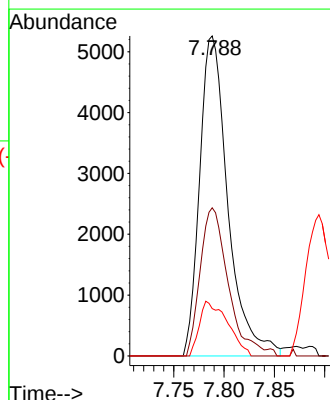
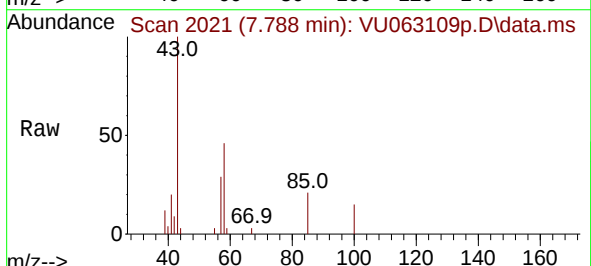
Instrument :
 MSVOA_U
 ClientSampleId :

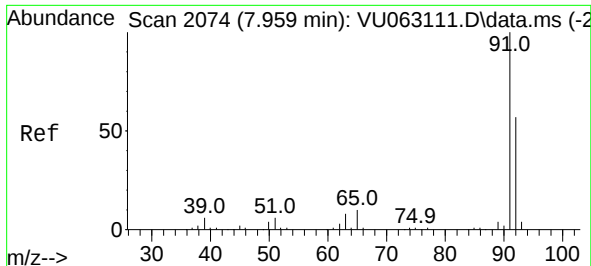
Tgt Ion: 75 Resp: 3188
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 5.744 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.013 min
 Lab File: VU063109p.D
 Acq: 03 Feb 2025 09:10

Tgt Ion: 43 Resp: 10275
 Ion Ratio Lower Upper
 43 100
 58 46.2 37.7 56.5
 100 17.1 13.7 20.5





#42

Toluene

Concen: 0.495 ug/L

RT: 7.965 min Scan# 210

Delta R.T. 0.007 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Instrument :

MSVOA_U

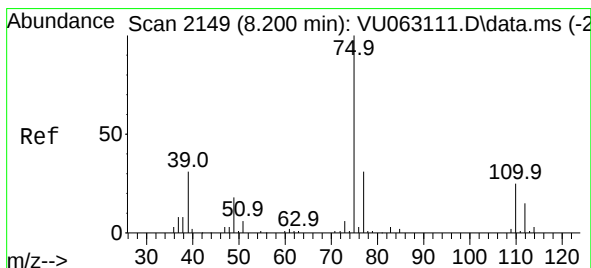
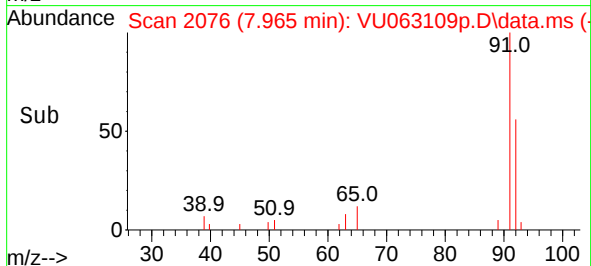
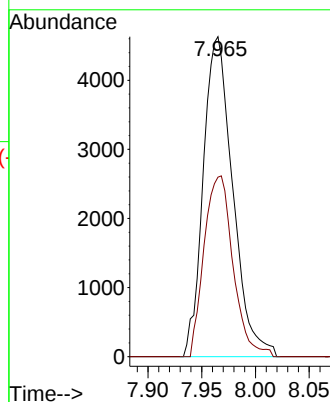
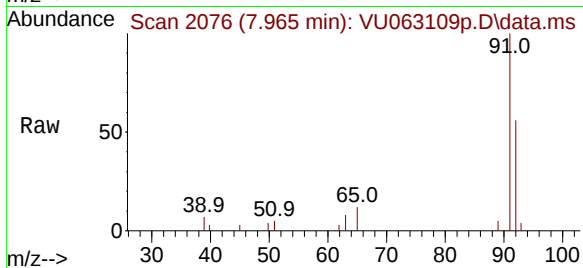
ClientSampleId :

Tgt Ion: 91 Resp: 8836

Ion Ratio Lower Upper

91 100

92 56.1 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 0.457 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.010 min

Lab File: VU063109p.D

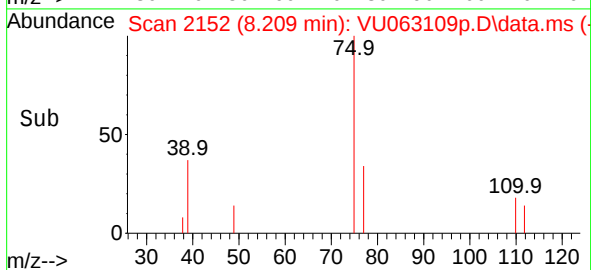
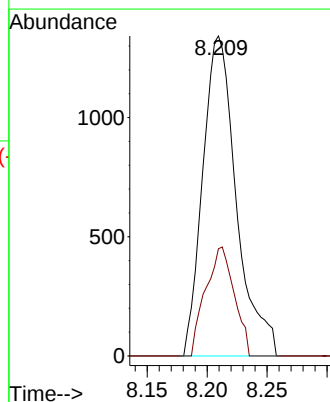
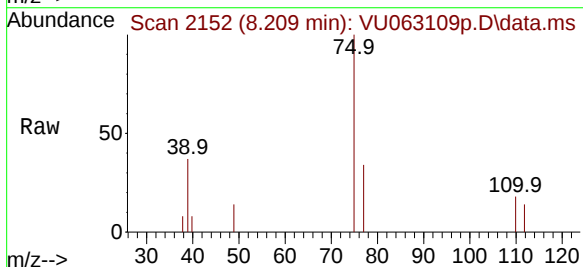
Acq: 03 Feb 2025 09:10

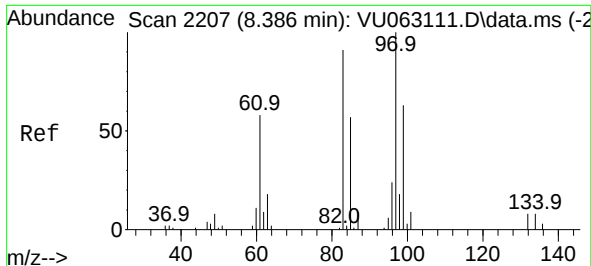
Tgt Ion: 75 Resp: 2616

Ion Ratio Lower Upper

75 100

77 33.5 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 0.525 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.007 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 1693

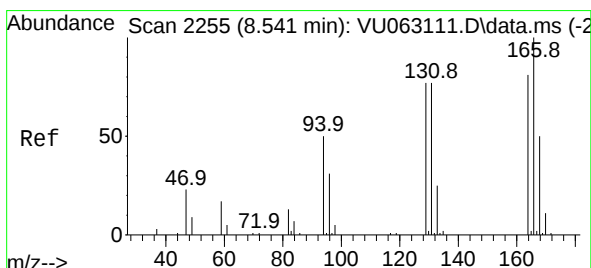
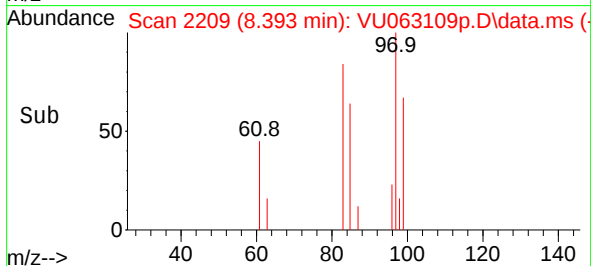
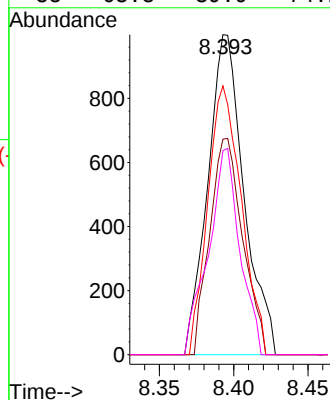
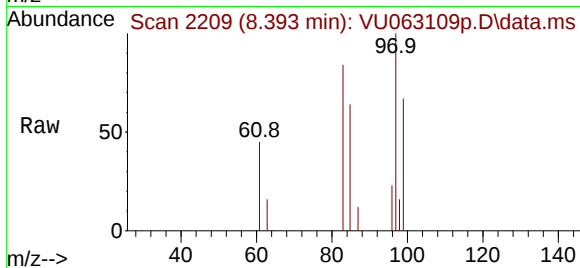
Ion Ratio Lower Upper

97 100

99 67.4 43.9 81.5

83 84.0 63.4 117.8

85 63.8 39.9 74.1



#47

Tetrachloroethene

Concen: 0.384 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.003 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Tgt Ion: 164 Resp: 1555

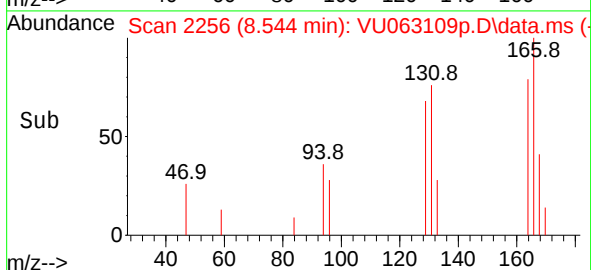
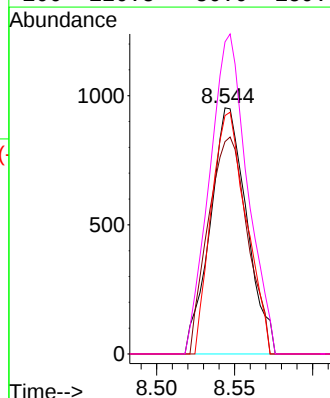
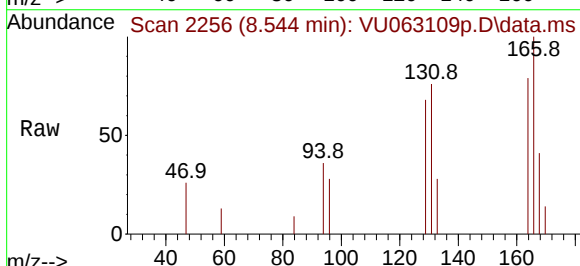
Ion Ratio Lower Upper

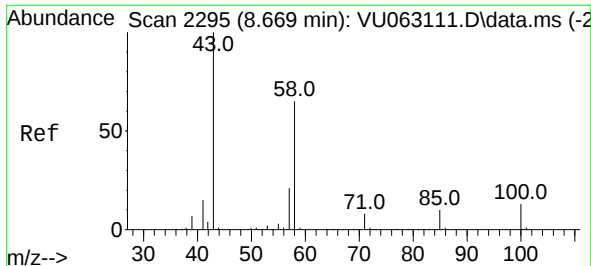
164 100

129 86.3 66.2 123.0

131 96.9 66.4 123.4

166 126.8 86.0 159.8





#48

2-Hexanone

Concen: 4.864 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.016 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 6076

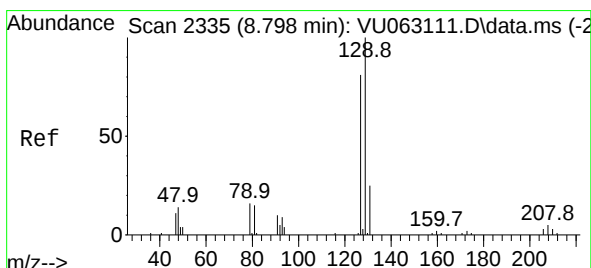
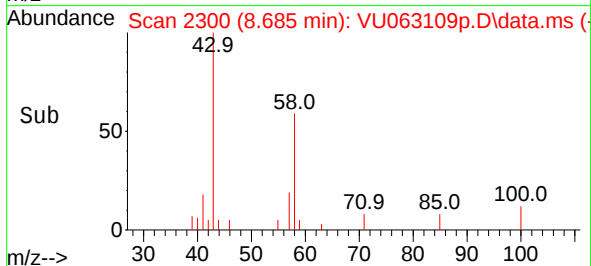
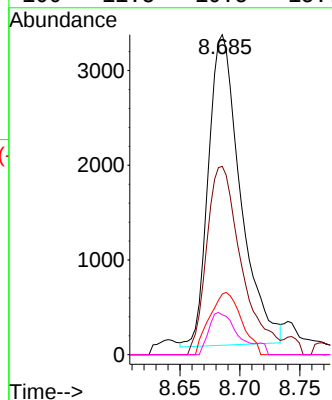
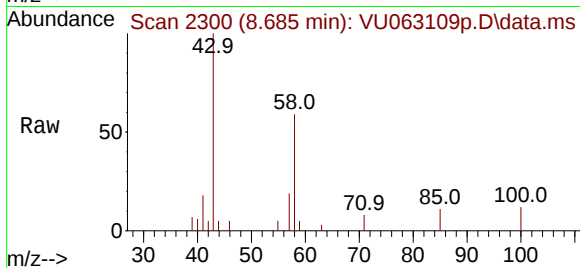
Ion Ratio Lower Upper

43 100

58 65.9 50.0 75.0

57 20.0 16.6 24.8

100 11.8 10.5 15.7



#49

Dibromochloromethane

Concen: 0.398 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.003 min

Lab File: VU063109p.D

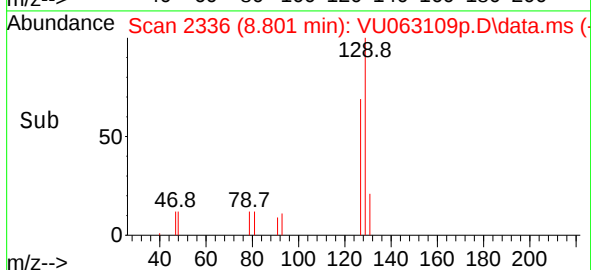
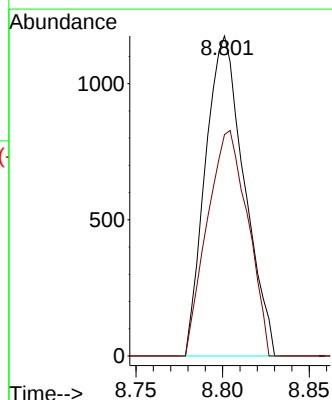
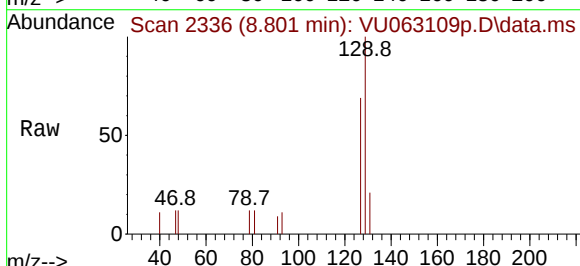
Acq: 03 Feb 2025 09:10

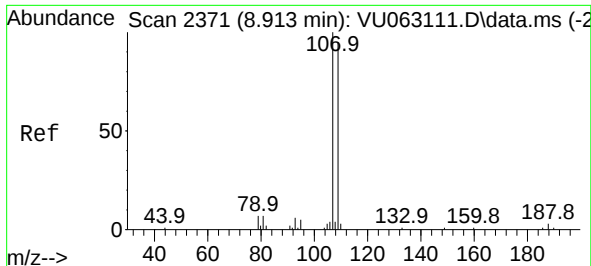
Tgt Ion: 129 Resp: 1831

Ion Ratio Lower Upper

129 100

127 69.2 56.8 105.4





#50

1,2-Dibromoethane

Concen: 0.475 ug/L

RT: 8.920 min Scan# 24

Delta R.T. 0.007 min

Lab File: VU063109p.D

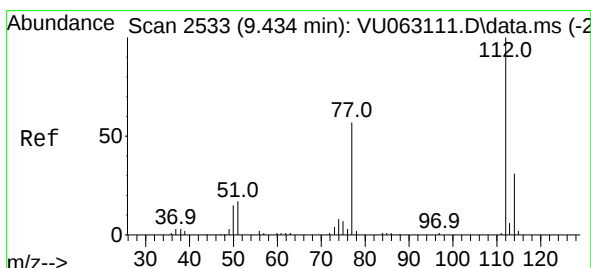
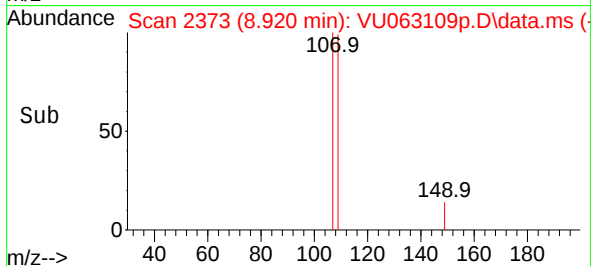
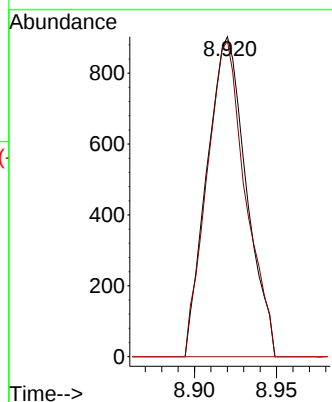
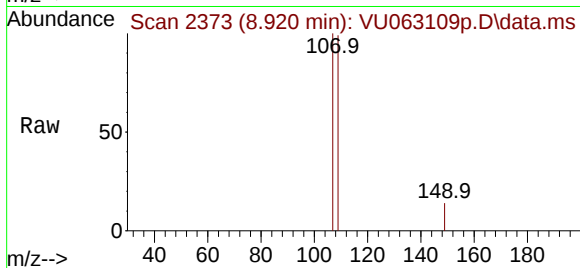
Acq: 03 Feb 2025 09:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	1503
Ion	Ratio	Lower	Upper
107	100		
109	98.7	66.3	123.1
188	0.0	2.6	4.0#



#51

Chlorobenzene

Concen: 0.464 ug/L

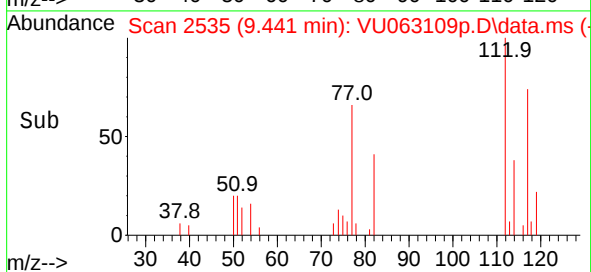
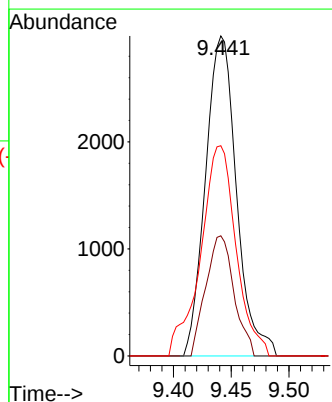
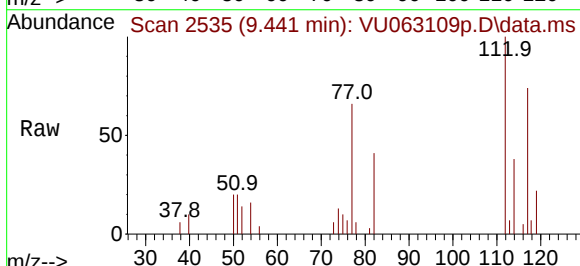
RT: 9.441 min Scan# 2535

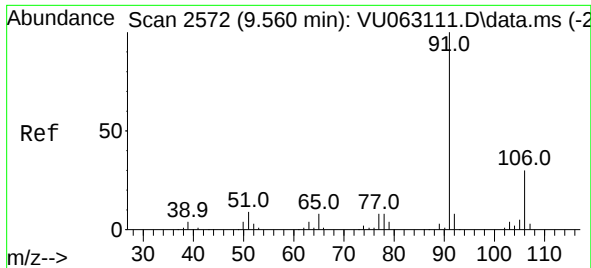
Delta R.T. 0.007 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Tgt Ion:	112	Resp:	5587
Ion	Ratio	Lower	Upper
112	100		
114	37.5	21.6	40.2
77	65.7	45.8	68.8





#52

Ethylbenzene

Concen: 0.446 ug/L

RT: 9.563 min Scan# 2109

Delta R.T. 0.003 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Instrument :

MSVOA_U

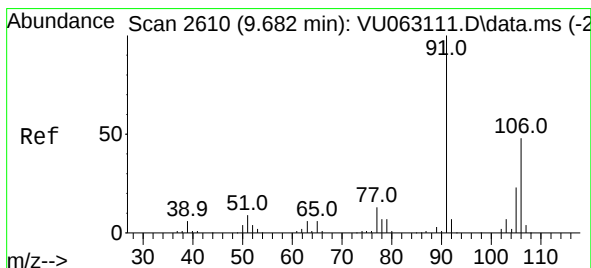
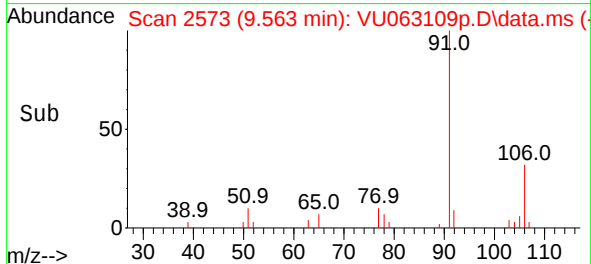
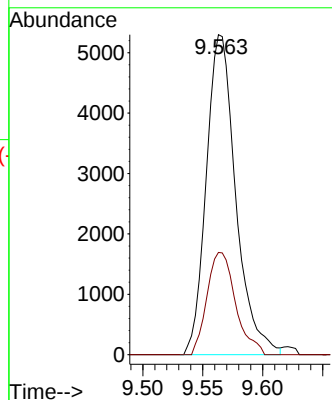
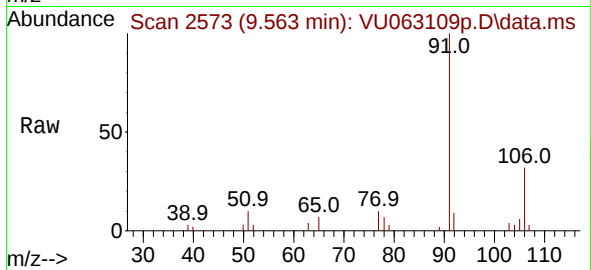
ClientSampleId :

Tgt Ion: 91 Resp: 9068

Ion Ratio Lower Upper

91 100

106 32.0 21.1 39.3



#53

m,p-Xylene

Concen: 0.391 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.007 min

Lab File: VU063109p.D

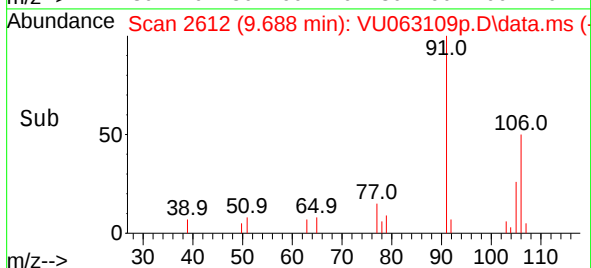
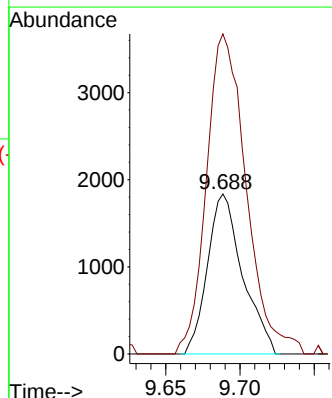
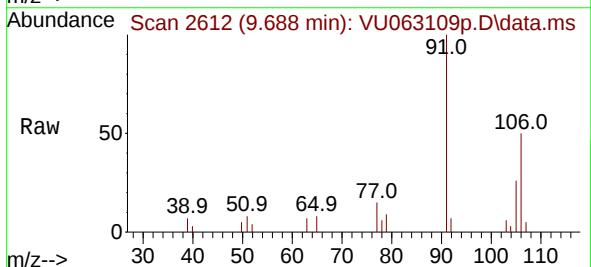
Acq: 03 Feb 2025 09:10

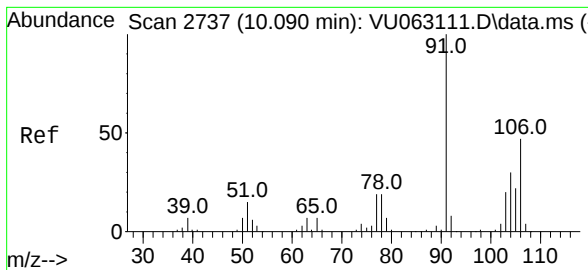
Tgt Ion:106 Resp: 3023

Ion Ratio Lower Upper

106 100

91 199.9 147.7 274.3

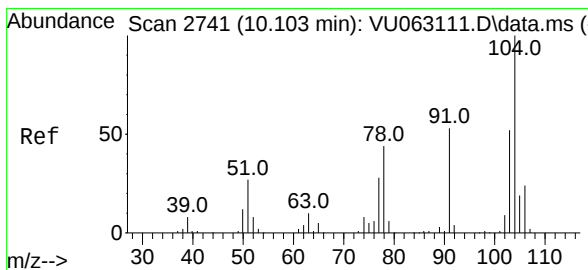
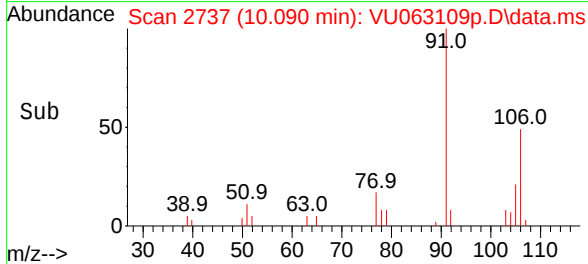
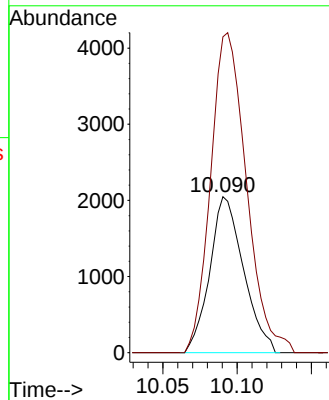
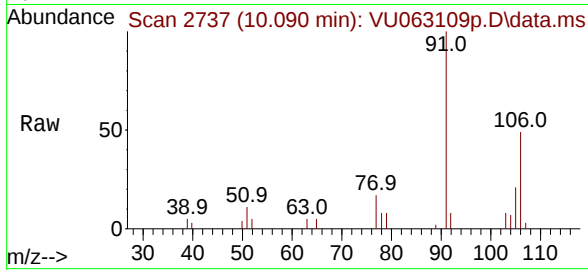




#54
o-Xylene
Concen: 0.451 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

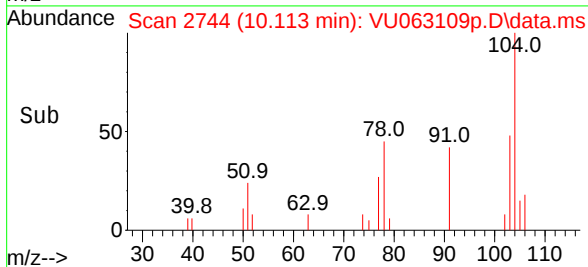
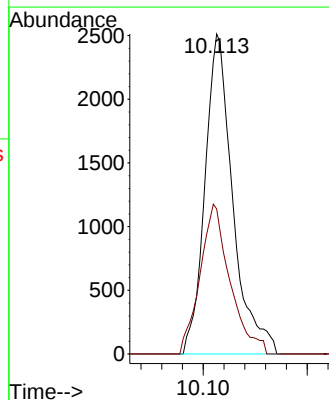
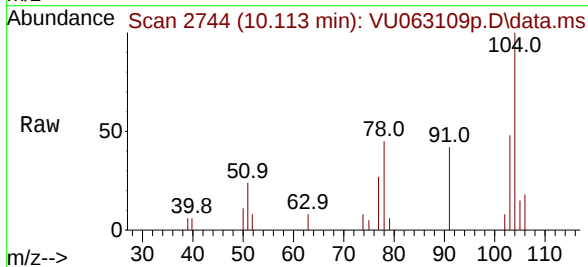
Instrument :
MSVOA_U
ClientSampleId :

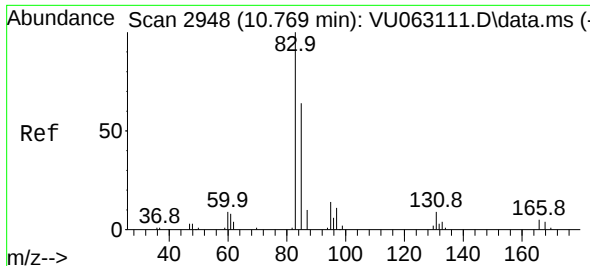
Tgt Ion:106 Resp: 3238
Ion Ratio Lower Upper
106 100
91 202.5 149.9 278.5



#55
Styrene
Concen: 0.385 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.010 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

Tgt Ion:104 Resp: 4676
Ion Ratio Lower Upper
104 100
78 45.3 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 0.570 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.003 min

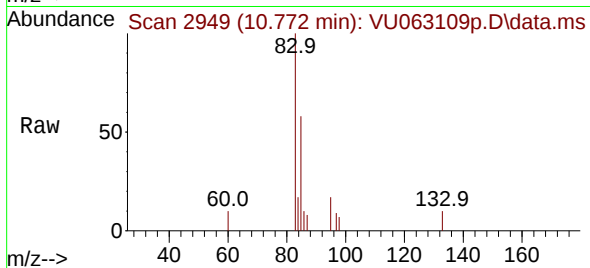
Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

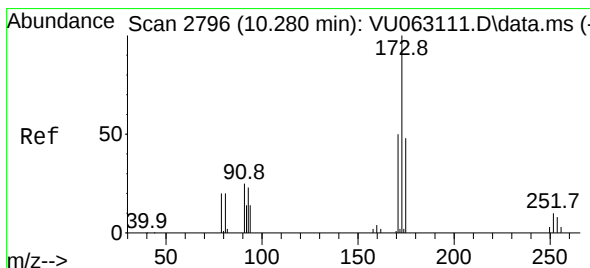
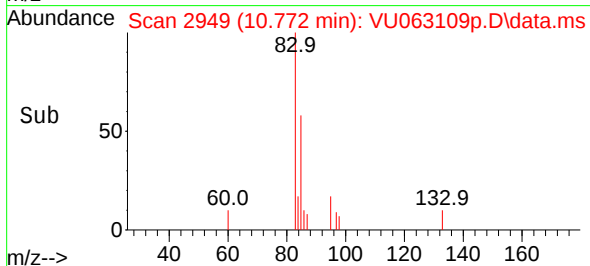
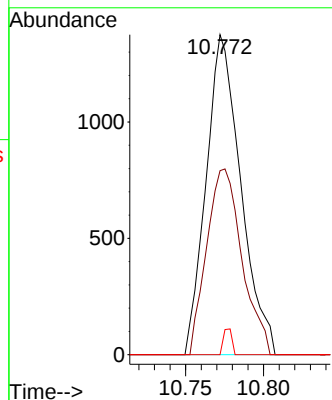
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	83	Resp:	2125
Ion Ratio	Lower	Upper	
83	100		
85	57.5	45.2	84.0
131	0.0	7.4	11.0#



#59

Bromoform

Concen: 0.456 ug/L

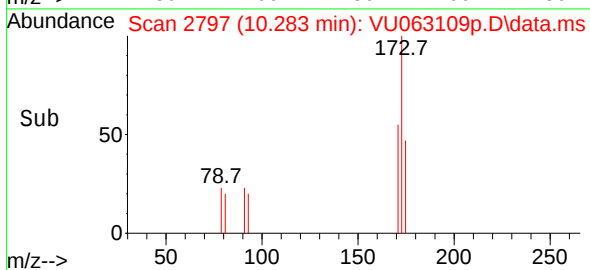
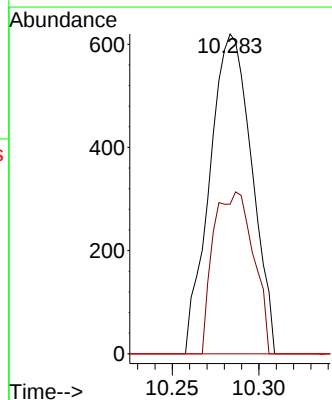
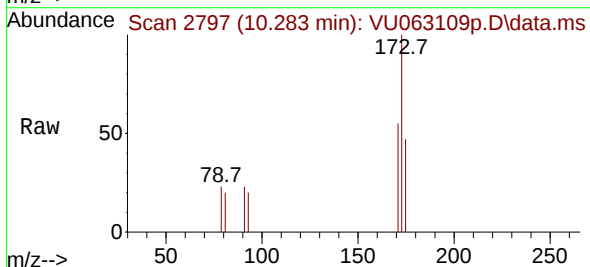
RT: 10.283 min Scan# 2797

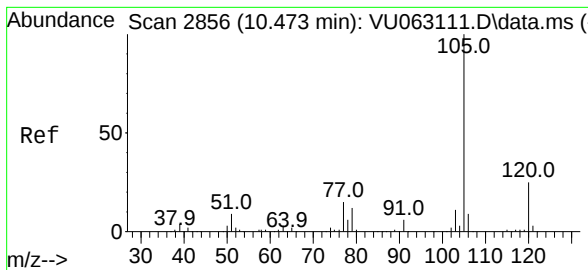
Delta R.T. 0.003 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Tgt Ion:	173	Resp:	1047
Ion Ratio	Lower	Upper	
173	100		
175	47.9	38.6	58.0
254	0.0	6.5	9.7#





#60

Isopropylbenzene

Concen: 0.535 ug/L

RT: 10.476 min Scan# 2856

Delta R.T. 0.003 min

Lab File: VU063109p.D

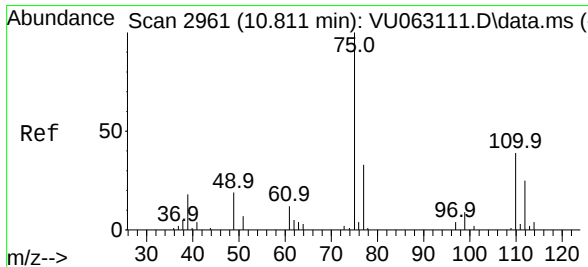
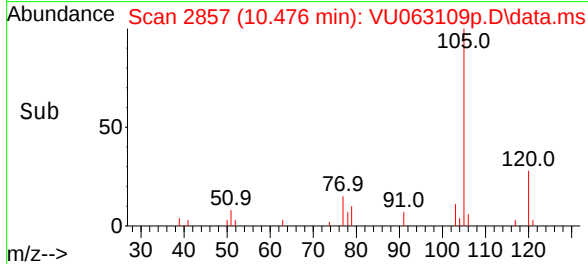
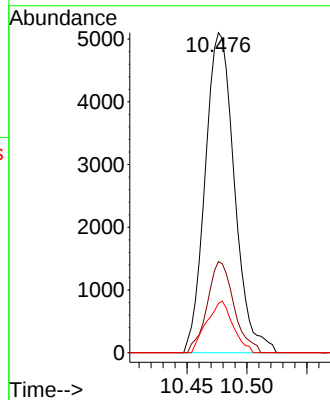
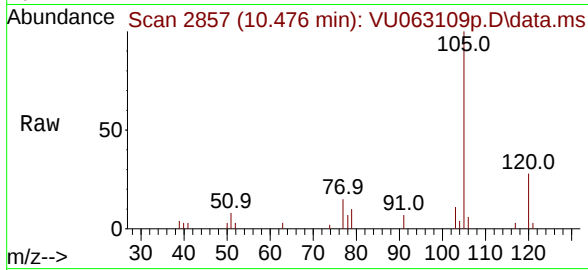
Acq: 03 Feb 2025 09:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	8658
Ion Ratio	Lower	Upper
105	100	
120	26.0	20.5 30.7
77	14.5	12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 0.598 ug/L

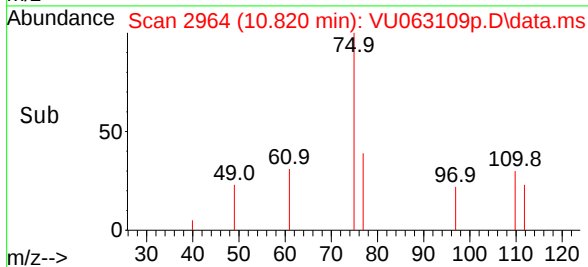
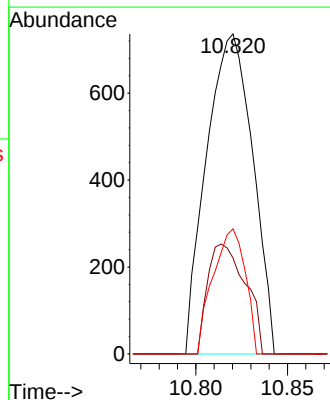
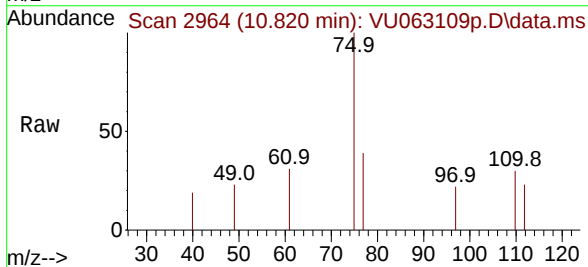
RT: 10.820 min Scan# 2964

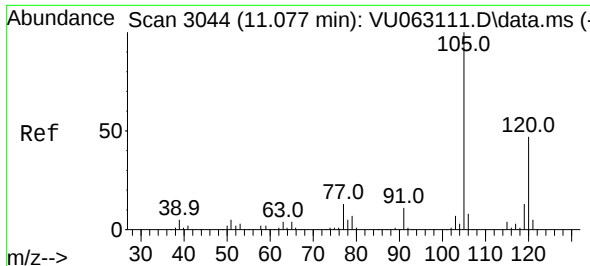
Delta R.T. 0.010 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Tgt Ion: 75	Resp:	1290
Ion Ratio	Lower	Upper
75	100	
110	28.1	30.0 45.0#
77	27.2	26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 0.441 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Instrument :

MSVOA_U

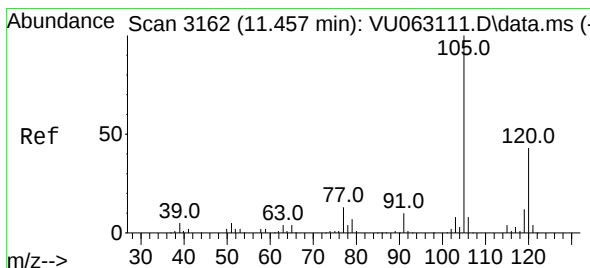
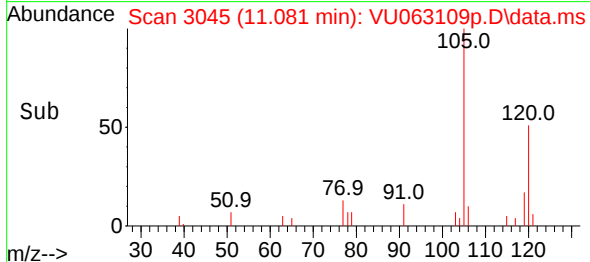
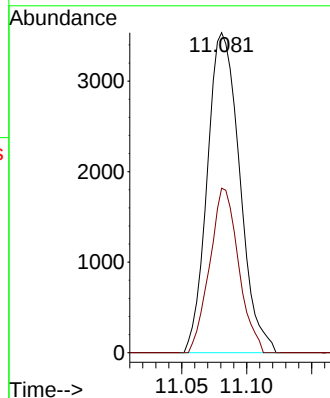
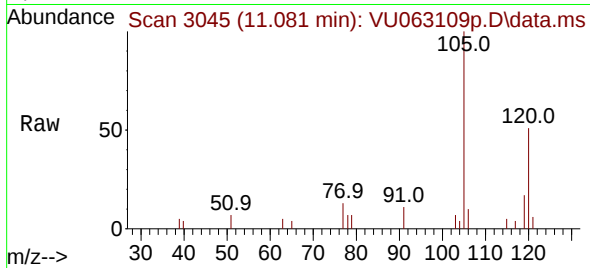
ClientSampleId :

Tgt Ion:105 Resp: 6128

Ion Ratio Lower Upper

105 100

120 45.8 37.3 55.9



#63

1,2,4-Trimethylbenzene

Concen: 0.442 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.007 min

Lab File: VU063109p.D

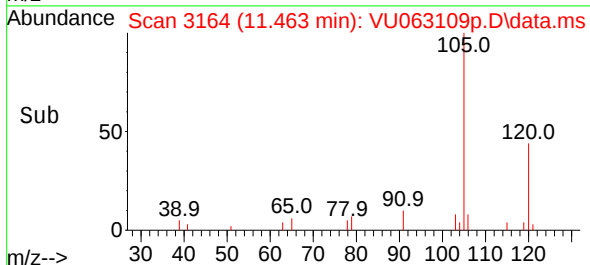
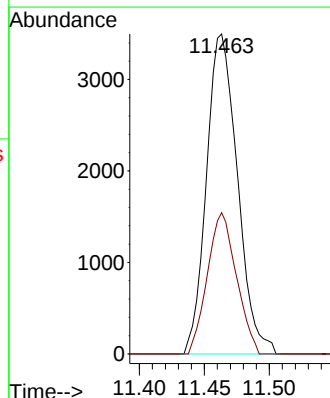
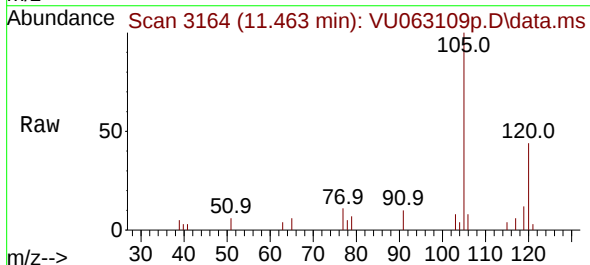
Acq: 03 Feb 2025 09:10

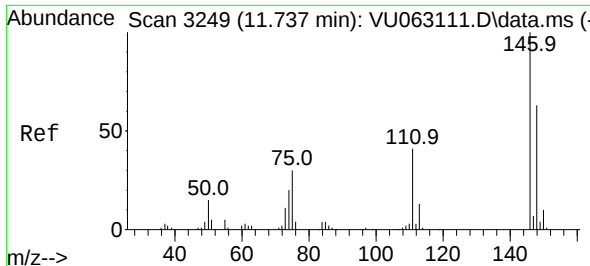
Tgt Ion:105 Resp: 5800

Ion Ratio Lower Upper

105 100

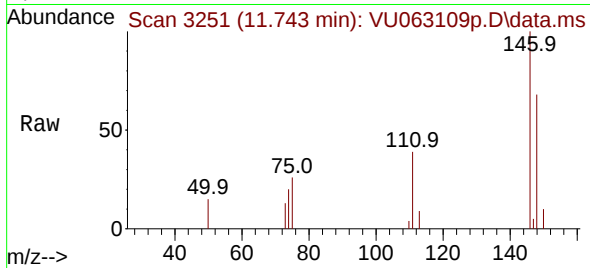
120 41.3 34.8 52.2



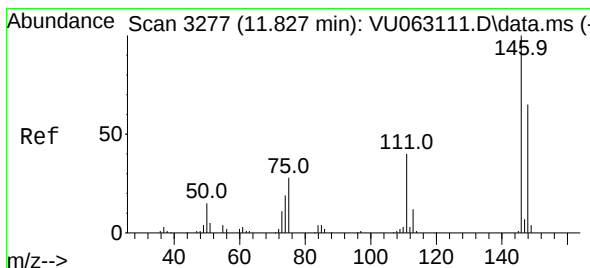
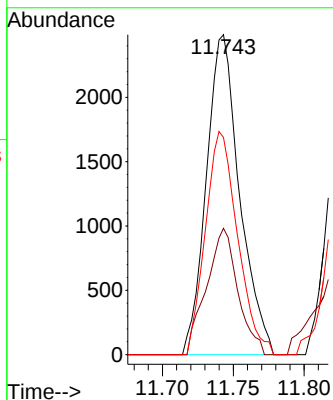
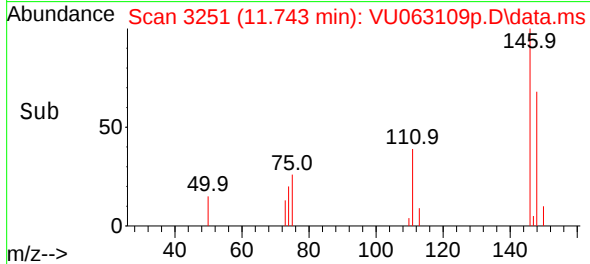


#64
1,3-Dichlorobenzene
Concen: 0.509 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

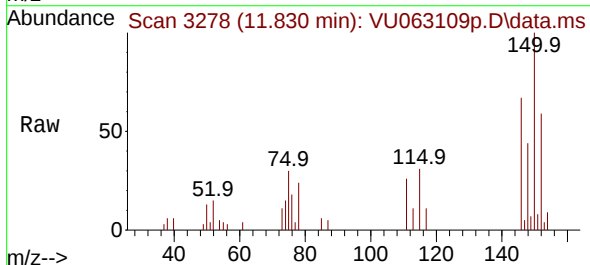
Instrument :
MSVOA_U
ClientSampleId :



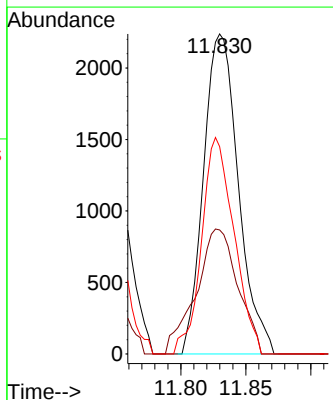
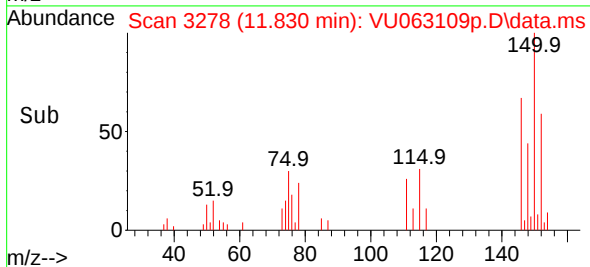
Tgt Ion:146 Resp: 4061
Ion Ratio Lower Upper
146 100
111 39.5 28.6 53.0
148 67.9 44.2 82.0

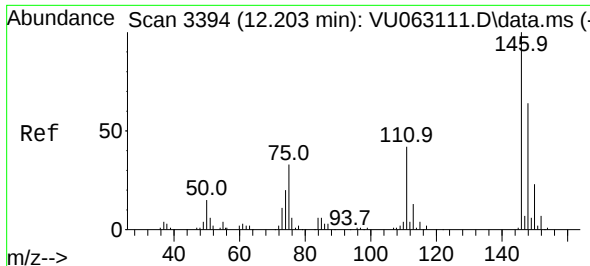


#65
1,4-Dichlorobenzene
Concen: 0.524 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10



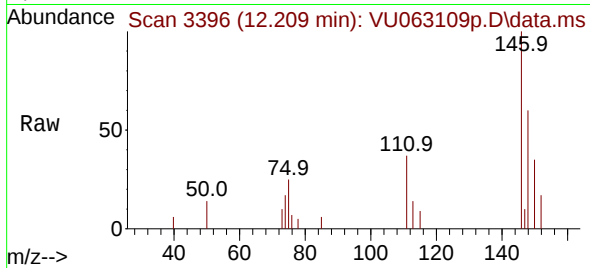
Tgt Ion:146 Resp: 4175
Ion Ratio Lower Upper
146 100
111 38.7 28.1 52.1
148 64.8 45.4 84.2



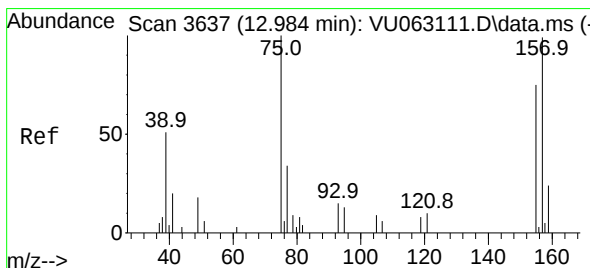
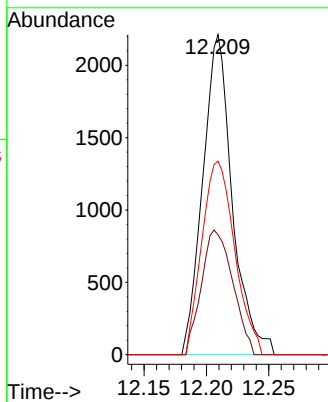
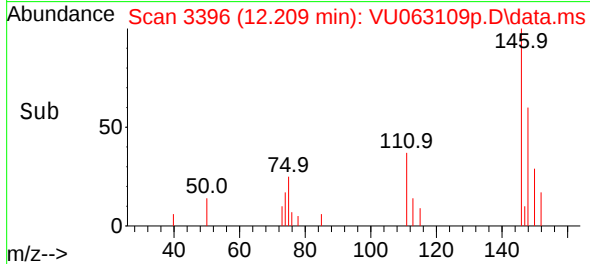


#67
1,2-Dichlorobenzene
Concen: 0.484 ug/L
RT: 12.209 min Scan# 3643
Delta R.T. 0.007 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

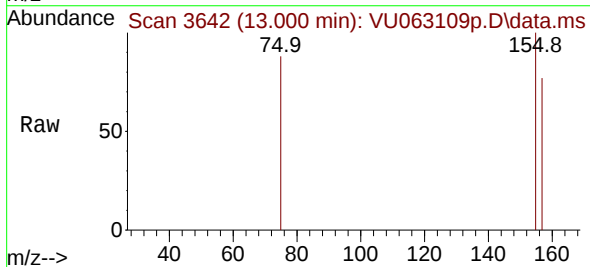
Instrument :
MSVOA_U
ClientSampleId :



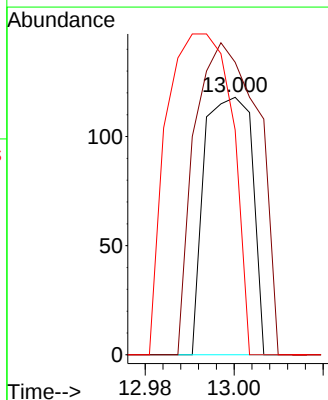
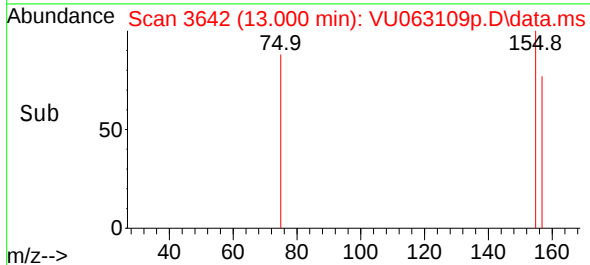
Tgt Ion:146 Resp: 3643
Ion Ratio Lower Upper
146 100
111 37.5 33.8 50.8
148 60.4 51.5 77.3

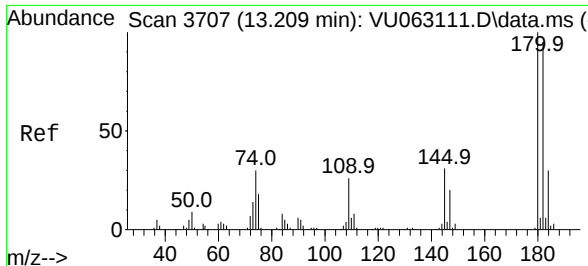


#68
1,2-Dibromo-3-chloropropane
Concen: 0.162 ug/L
RT: 13.000 min Scan# 3642
Delta R.T. 0.016 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10



Tgt Ion: 75 Resp: 87
Ion Ratio Lower Upper
75 100
155 113.6 59.9 89.9#
157 87.3 79.2 118.8





#69

1,3,5-Trichlorobenzene

Concen: 0.256 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.634 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 1584

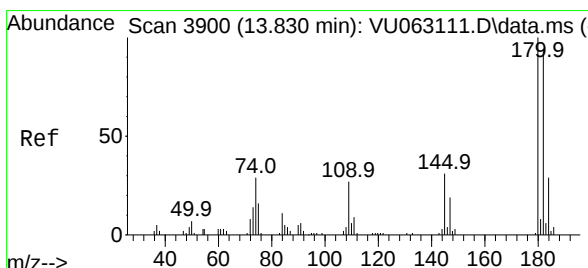
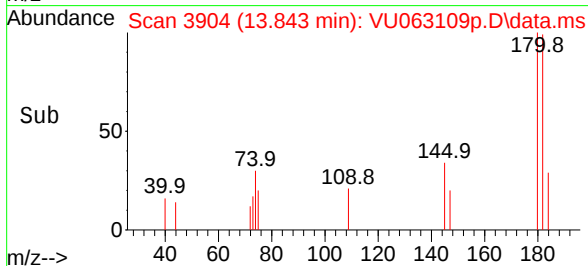
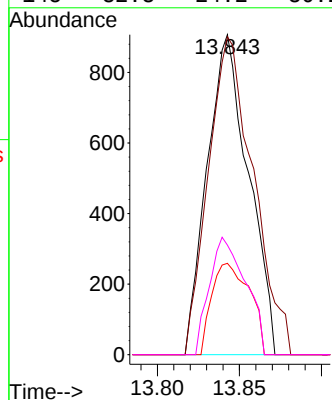
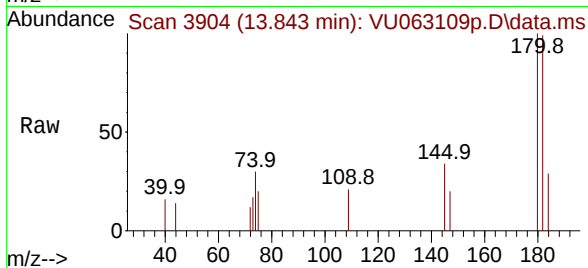
Ion Ratio Lower Upper

180 100

182 107.8 77.8 116.8

184 26.2 24.6 37.0

145 32.3 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 0.325 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.013 min

Lab File: VU063109p.D

Acq: 03 Feb 2025 09:10

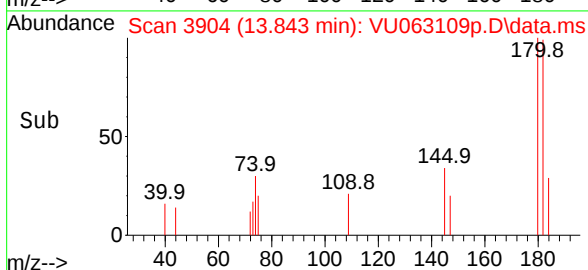
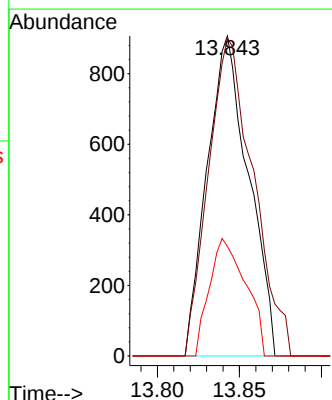
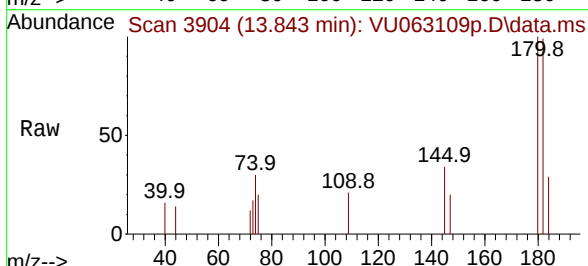
Tgt Ion:180 Resp: 1584

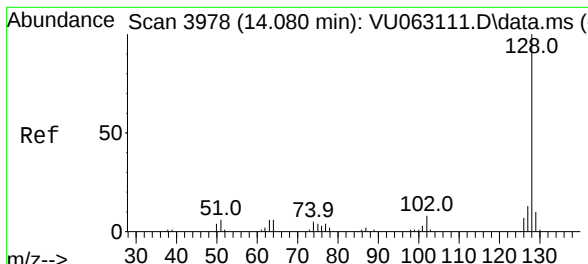
Ion Ratio Lower Upper

180 100

182 107.8 74.4 111.6

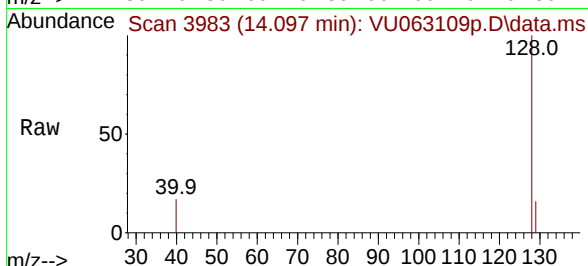
145 32.3 25.1 37.7



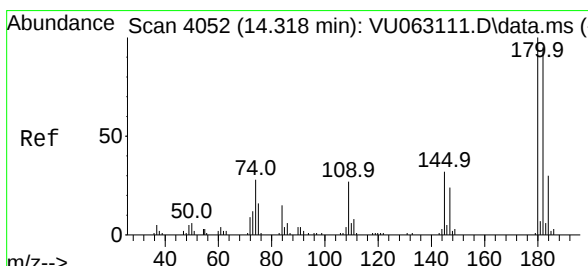
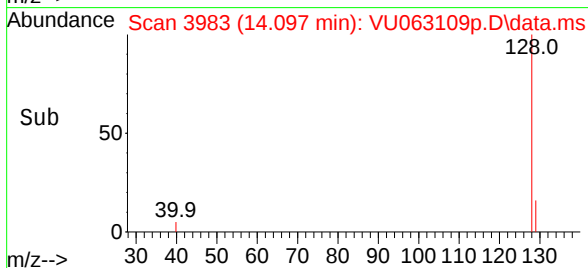
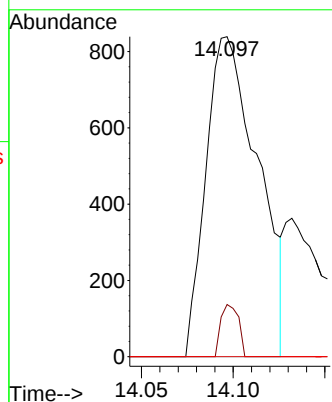


#71
Naphthalene
Concen: 0.254 ug/L
RT: 14.097 min Scan# 3978
Delta R.T. 0.016 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1655
Ion Ratio Lower Upper
128 100
129 5.5 8.2 12.2#
127 0.0 10.5 15.7#



#72
1,2,3-Trichlorobenzene
Concen: 0.355 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.007 min
Lab File: VU063109p.D
Acq: 03 Feb 2025 09:10

Tgt Ion:180 Resp: 1498
Ion Ratio Lower Upper
180 100
182 89.5 77.0 115.6
145 26.8 25.6 38.4

