

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062063.D
 Acq On : 27 Nov 2024 19:54
 Operator : MD/SY
 Sample : P4776-01
 Misc : 5.00g/5mL/100ul/5mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 01:18:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 01:06:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	172898	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	161648	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74882	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56878	47.480	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.960%
7) Chloroethane-d5	1.904	69	39971	46.296	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.560	63	83992	36.979	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.960%
21) 2-Butanone-d5	4.618	46	85646	105.209	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.210%
24) Chloroform-d	5.052	84	115868	46.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.680%
26) 1,2-Dichloroethane-d4	5.689	65	77871	48.819	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.640%
32) Benzene-d6	5.718	84	224855	48.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.280%
36) 1,2-Dichloropropane-d6	6.679	67	72093	49.629	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.260%
41) Toluene-d8	7.888	98	209782	49.023	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.040%
43) trans-1,3-Dichloroprop...	8.171	79	35165	48.438	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.880%
47) 2-Hexanone-d5	8.627	63	55849	102.063	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	102331	48.407	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.820%
66) 1,2-Dichlorobenzene-d4	12.184	152	76226	51.745	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.480%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.383	85	4224	2.559 ug/L	91
3) Chloromethane	1.518	50	3499	2.572 ug/L	95
5) Vinyl chloride	1.602	62	3709	2.644 ug/L #	50
6) Bromomethane	1.853	94	1992	2.585 ug/L	94
8) Chloroethane	1.927	64	2086	2.581 ug/L	86
9) Trichlorofluoromethane	2.133	101	5420	2.527 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3458	2.875 ug/L #	68
12) 1,1-Dichloroethene	2.573	96	3647	3.334 ug/L #	1
13) Acetone	2.631	43	3568	3.660 ug/L	93
14) Carbon disulfide	2.789	76	8960	2.723 ug/L	95
16) Methylene chloride	3.043	84	3103	2.488 ug/L	95
17) trans-1,2-Dichloroethene	3.351	96	2683	2.386 ug/L	96
18) Methyl tert-butyl Ether	3.358	73	8432	2.225 ug/L	97
19) 1,1-Dichloroethane	3.859	63	5031	2.335 ug/L	97
20) cis-1,2-Dichloroethene	4.663	96	3275	2.557 ug/L	92
27) 1,2-Dichloroethane	5.788	62	4622	2.475 ug/L	100
29) Cyclohexane	5.377	56	4290	2.323 ug/L	97
30) 1,1,1-Trichloroethane	5.309	97	4544	2.173 ug/L #	86
31) Carbon tetrachloride	5.515	117	3880	2.076 ug/L	86

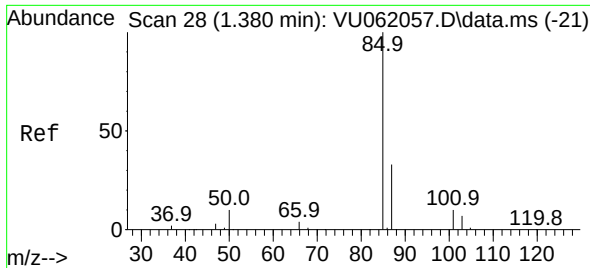
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 Data File : VU062063.D
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 Operator : MD/SY
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 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 01:18:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 01:06:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	6.538	95	3139	2.390	ug/L	93
35) Methylcyclohexane	6.756	83	4490	2.255	ug/L	99
38) Bromodichloromethane	7.097	83	3974	2.317	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	5058	2.461	ug/L	91
40) 4-Methyl-2-pentanone	7.788	43	7476	4.702	ug/L	92
42) Toluene	7.962	91	12214	2.375	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	4607	2.424	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	2933	2.322	ug/L	97
46) Tetrachloroethene	8.547	164	2260	2.264	ug/L	94
48) 2-Hexanone	8.682	43	11544	8.613	ug/L #	86
49) Dibromochloromethane	8.801	129	3118	2.362	ug/L	98
50) 1,2-Dibromoethane	8.920	107	3164	2.306	ug/L #	98
51) Chlorobenzene	9.441	112	8141	2.506	ug/L	96
52) Ethylbenzene	9.563	91	12976	2.297	ug/L	98
53) m,p-Xylene	9.689	106	4859	2.326	ug/L	96
54) o-Xylene	10.094	106	4591	2.247	ug/L	72
55) Styrene	10.113	104	7241	2.106	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	5372	2.577	ug/L #	89
59) Bromoform	10.280	173	2132	2.258	ug/L #	81
60) 1,2,3-Trichloropropane	10.814	75	3802	2.485	ug/L	95
61) Isopropylbenzene	10.476	105	11912	2.363	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	9610	2.239	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	8825	2.135	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	6088	2.613	ug/L	94
65) 1,4-Dichlorobenzene	11.830	146	6541	2.766	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	5936	2.579	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.994	75	1012	2.347	ug/L	84
69) 1,3,5-Trichlorobenzene	13.216	180	3999	2.438	ug/L	95
70) 1,2,4-trichlorobenzene	13.843	180	2753	1.966	ug/L	93
71) Naphthalene	14.094	128	7500	1.977	ug/L #	73
72) 1,2,3-Trichlorobenzene	14.328	180	3002	2.221	ug/L	98

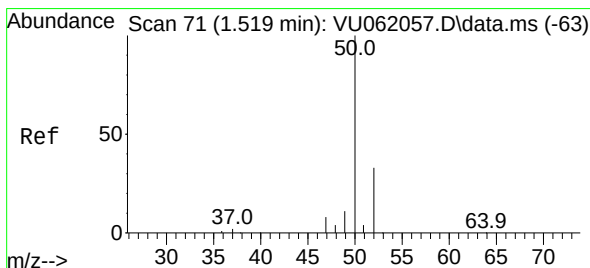
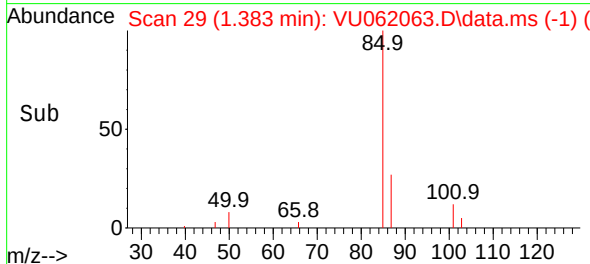
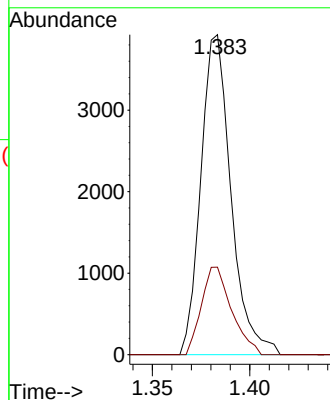
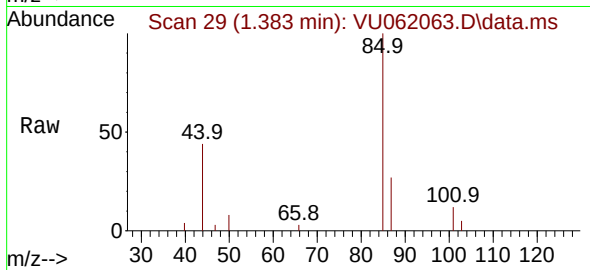
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 2.559 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU062063.D
 Acq: 27 Nov 2024 19:54

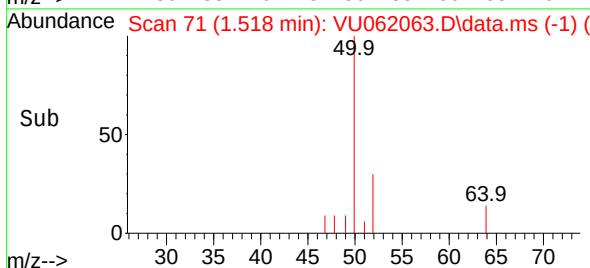
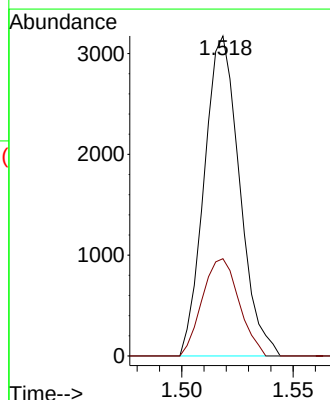
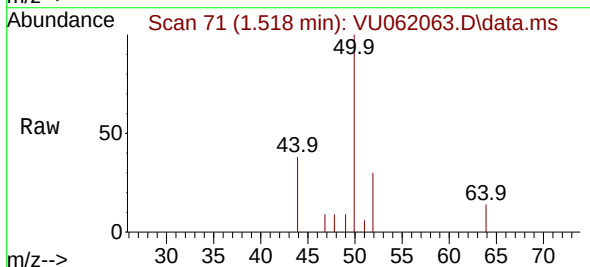
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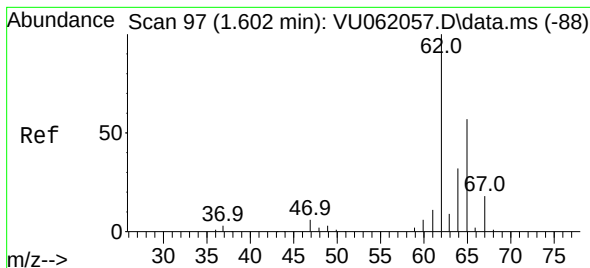
Tgt Ion: 85 Resp: 4224
 Ion Ratio Lower Upper
 85 100
 87 27.4 26.0 39.0



#3
 Chloromethane
 Concen: 2.572 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU062063.D
 Acq: 27 Nov 2024 19:54

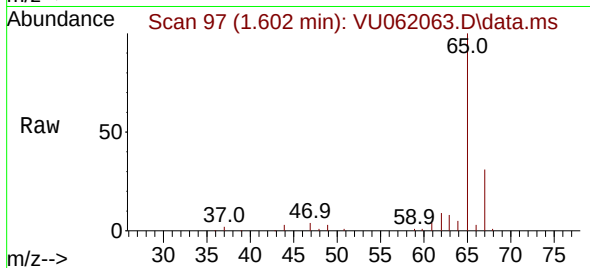
Tgt Ion: 50 Resp: 3499
 Ion Ratio Lower Upper
 50 100
 52 30.4 23.3 43.3



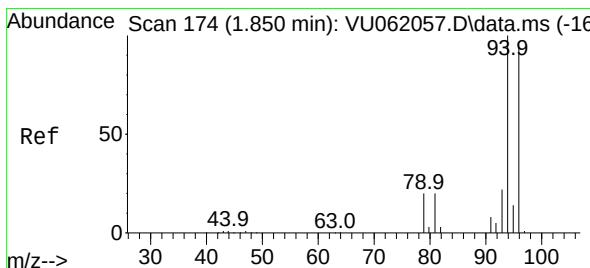
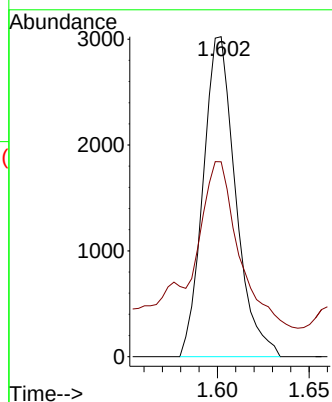
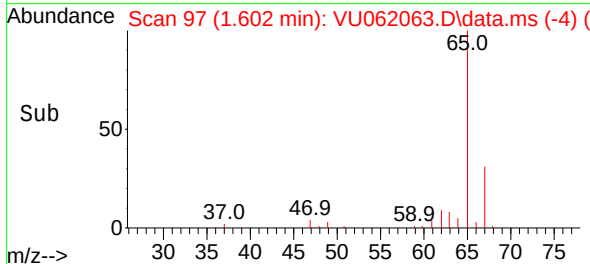


#5
Vinyl chloride
Concen: 2.644 ug/L
RT: 1.602 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

Instrument :
MSVOA_U
ClientSampleId :

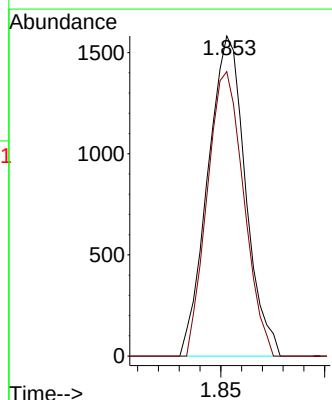
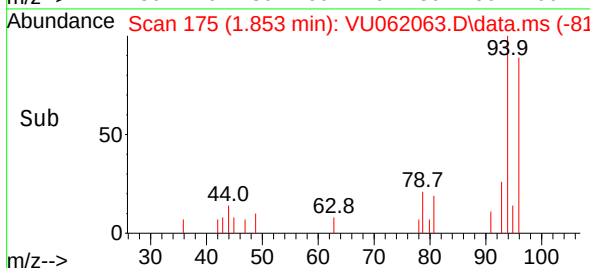
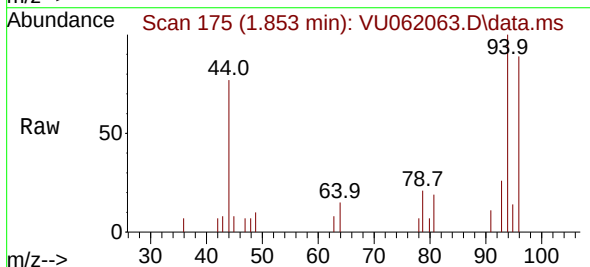


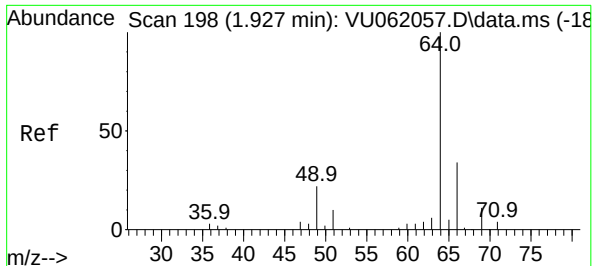
Tgt Ion: 62 Resp: 3709
Ion Ratio Lower Upper
62 100
64 60.9 23.0 42.8#



#6
Bromomethane
Concen: 2.585 ug/L
RT: 1.853 min Scan# 175
Delta R.T. 0.003 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

Tgt Ion: 94 Resp: 1992
Ion Ratio Lower Upper
94 100
96 88.9 66.0 122.6

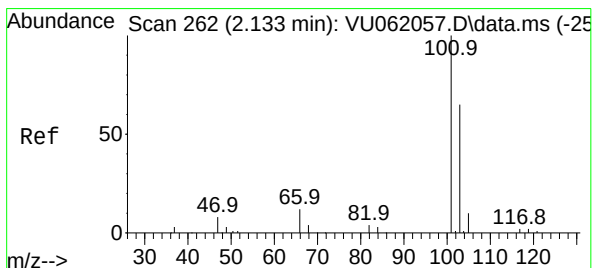
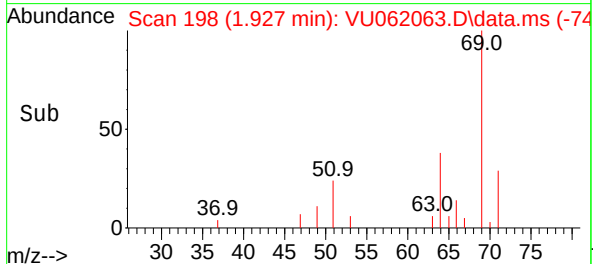
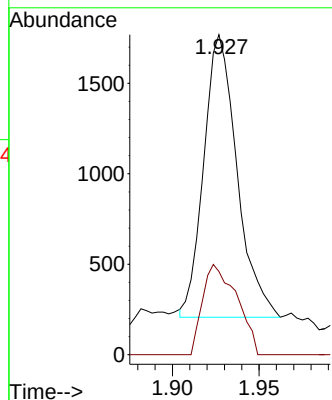
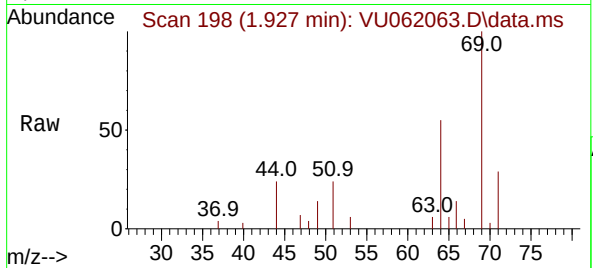




#8
Chloroethane
Concen: 2.581 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

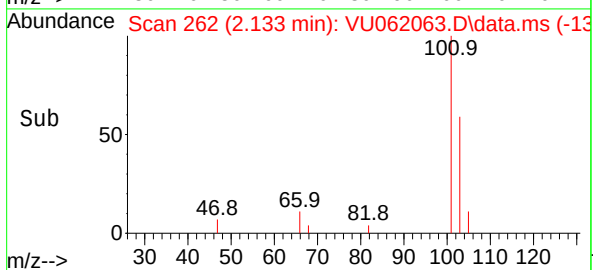
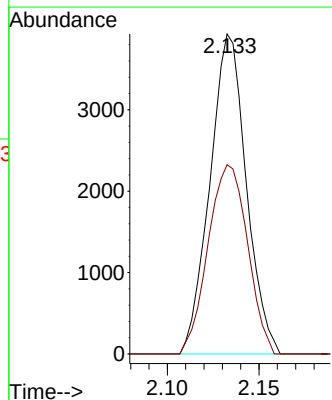
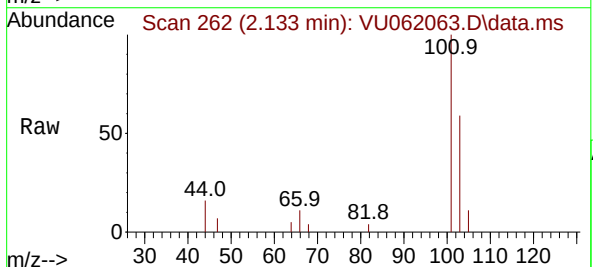
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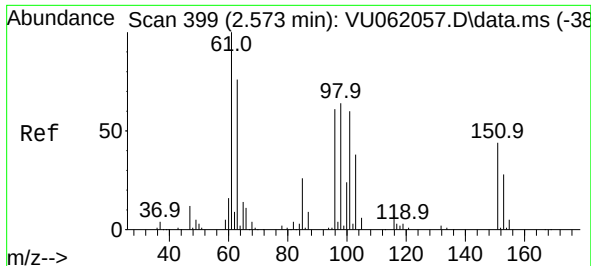
Tgt Ion: 64 Resp: 2086
Ion Ratio Lower Upper
64 100
66 26.0 23.7 44.1



#9
Trichlorofluoromethane
Concen: 2.527 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

Tgt Ion:101 Resp: 5420
Ion Ratio Lower Upper
101 100
103 64.1 52.9 79.3

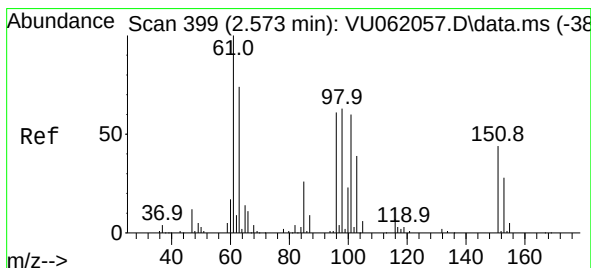
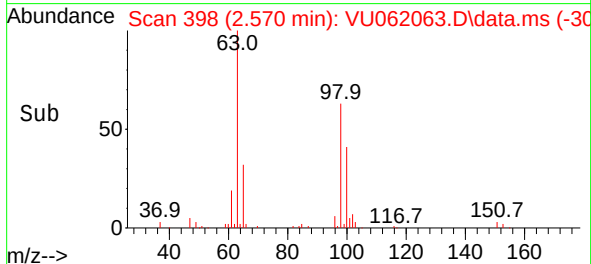
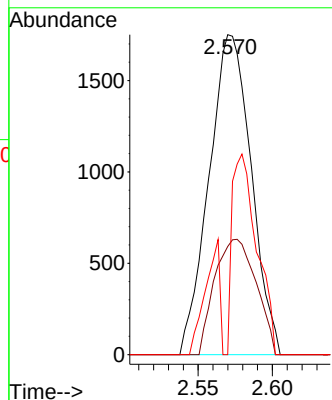
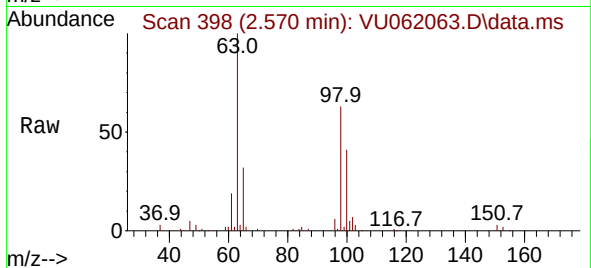




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.875 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

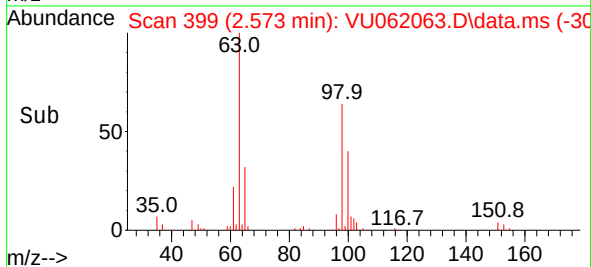
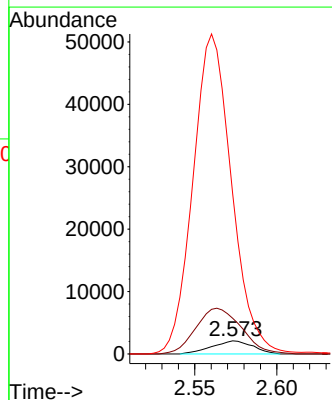
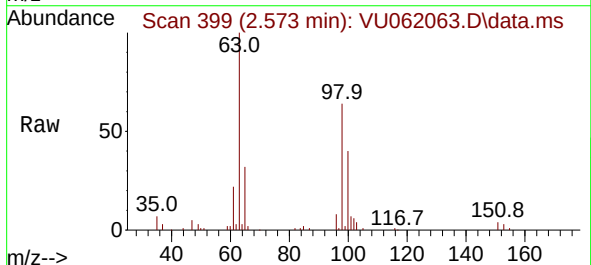
Instrument :
MSVOA_U
ClientSampleId :

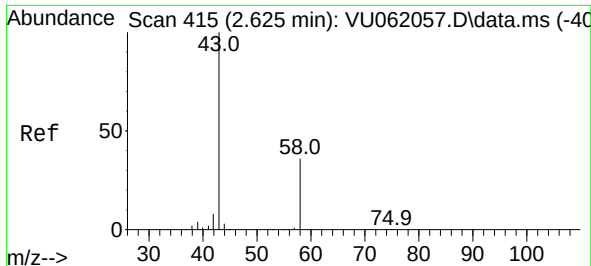
Tgt Ion:101 Resp: 3458
Ion Ratio Lower Upper
101 100
85 35.4 34.7 52.1
151 36.8 59.0 88.4#



#12
1,1-Dichloroethene
Concen: 3.334 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

Tgt Ion: 96 Resp: 3647
Ion Ratio Lower Upper
96 100
61 273.7 115.2 214.0#
63 1226.4 89.3 165.9#





#13

Acetone

Concen: 3.660 ug/L

RT: 2.631 min Scan# 415

Delta R.T. 0.006 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

Instrument :

MSVOA_U

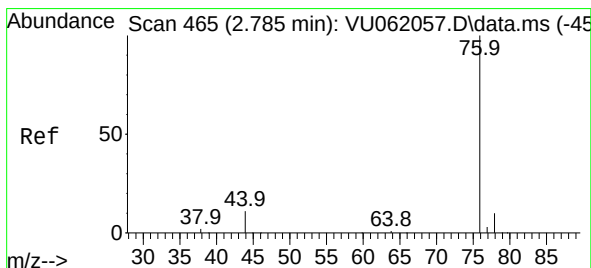
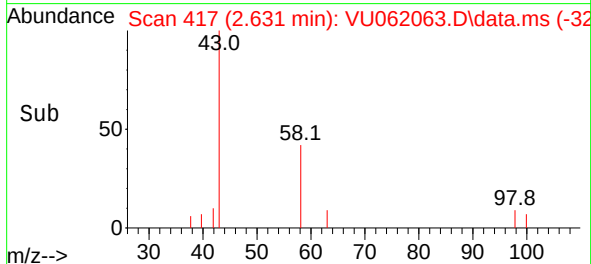
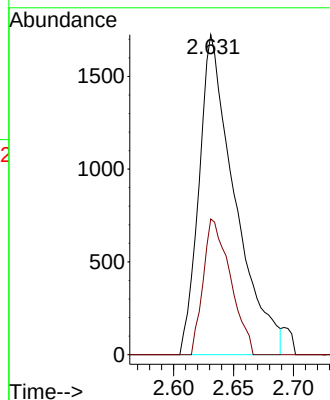
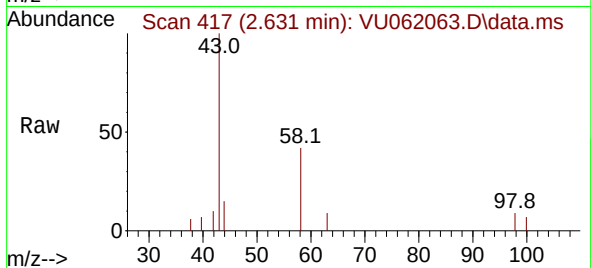
ClientSampleId :

Tgt Ion: 43 Resp: 3568

Ion Ratio Lower Upper

43 100

58 32.2 0.0 72.4



#14

Carbon disulfide

Concen: 2.723 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU062063.D

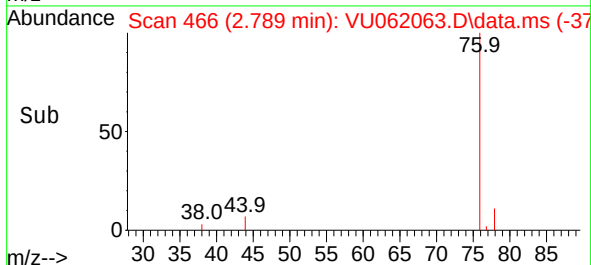
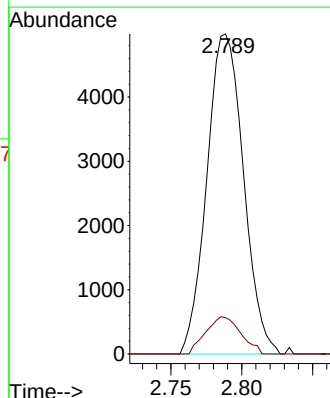
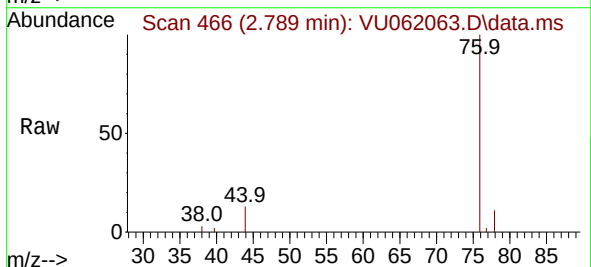
Acq: 27 Nov 2024 19:54

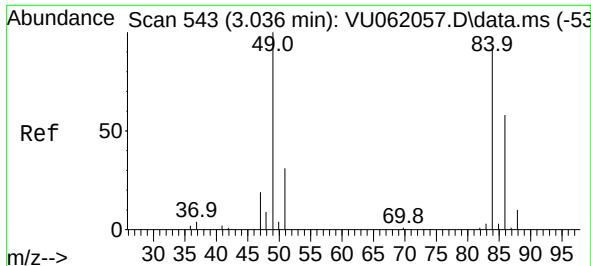
Tgt Ion: 76 Resp: 8960

Ion Ratio Lower Upper

76 100

78 11.4 7.8 11.6

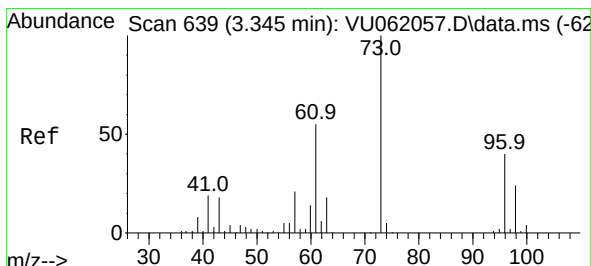
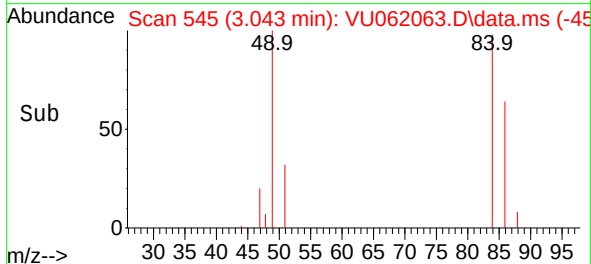
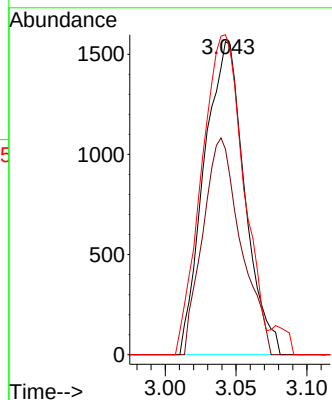
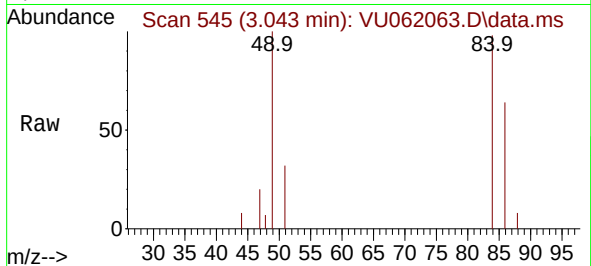




#16
Methylene chloride
Concen: 2.488 ug/L
RT: 3.043 min Scan# 541
Delta R.T. 0.006 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

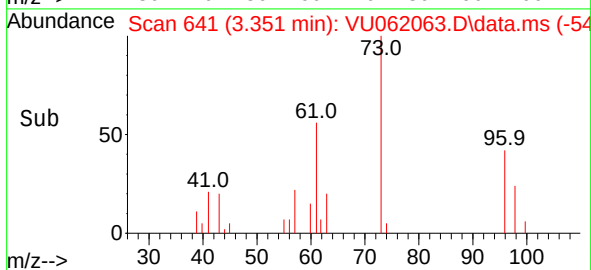
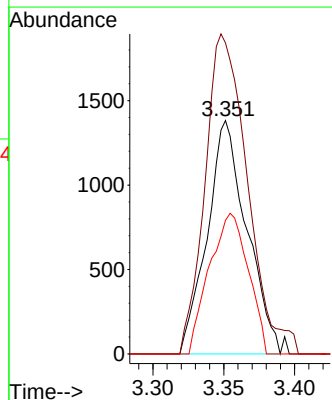
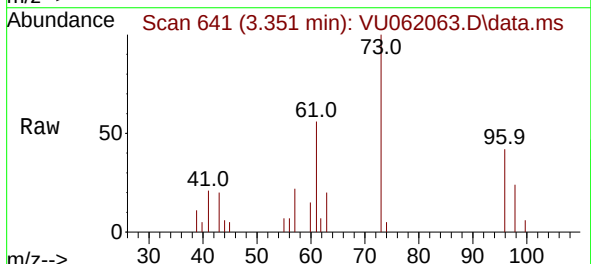
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MSVOA_U
ClientSampleId :

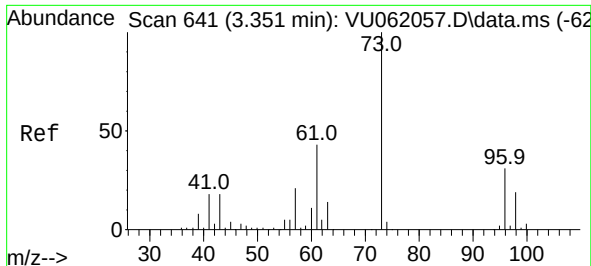
Tgt Ion: 84 Resp: 3103
Ion Ratio Lower Upper
84 100
86 65.6 44.4 82.4
49 102.2 75.9 141.1



#17
trans-1,2-Dichloroethene
Concen: 2.386 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

Tgt Ion: 96 Resp: 2683
Ion Ratio Lower Upper
96 100
61 133.3 96.2 178.6
98 57.2 42.7 79.3

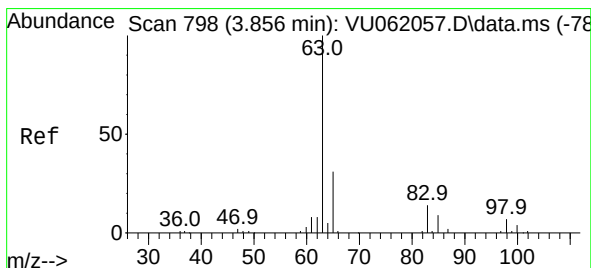
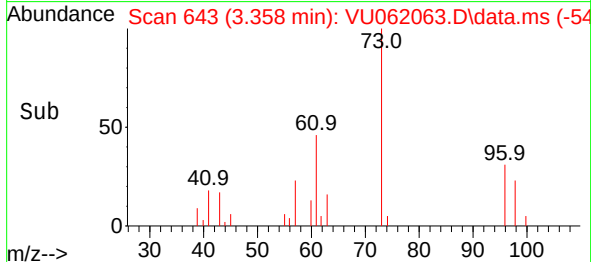
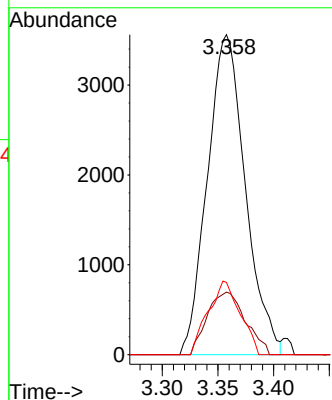
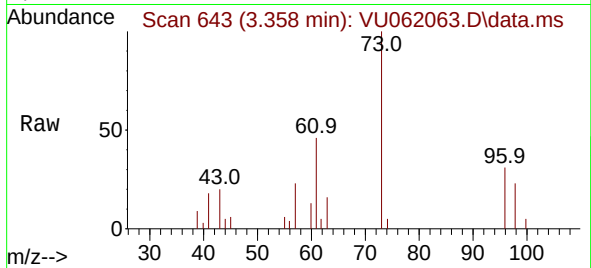




#18
Methyl tert-butyl Ether
Concen: 2.225 ug/L
RT: 3.358 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

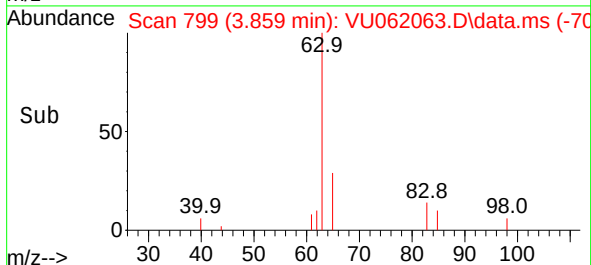
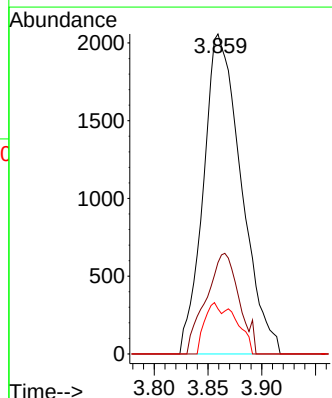
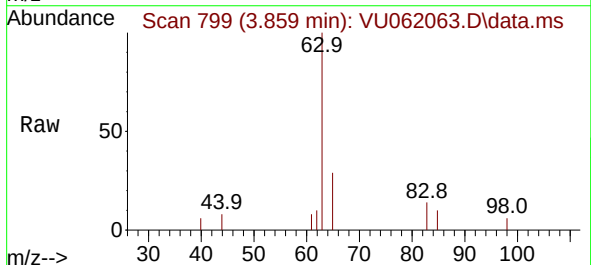
Instrument :
MSVOA_U
ClientSampleId :

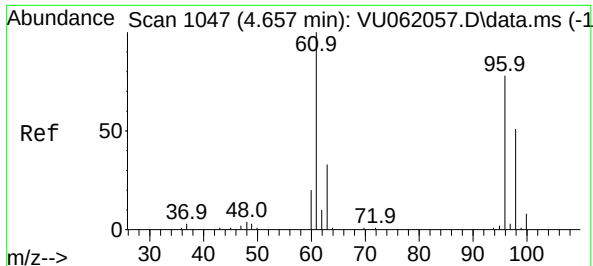
Tgt Ion: 73 Resp: 8432
Ion Ratio Lower Upper
73 100
43 19.8 14.7 22.1
57 19.3 16.4 24.6



#19
1,1-Dichloroethane
Concen: 2.335 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.003 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

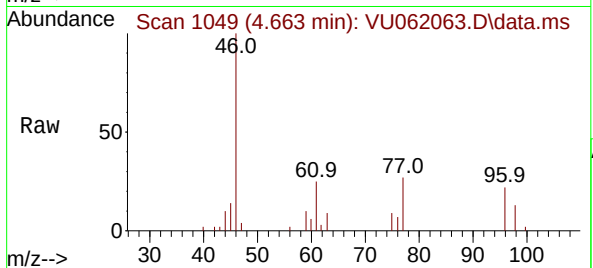
Tgt Ion: 63 Resp: 5031
Ion Ratio Lower Upper
63 100
65 28.5 21.7 40.3
83 14.1 10.0 18.6



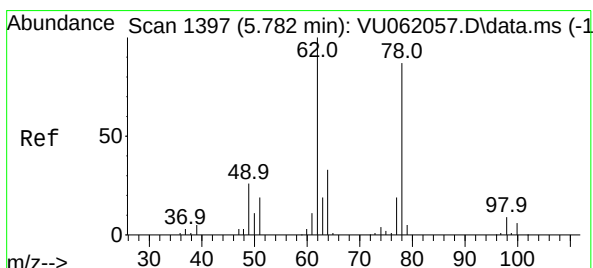
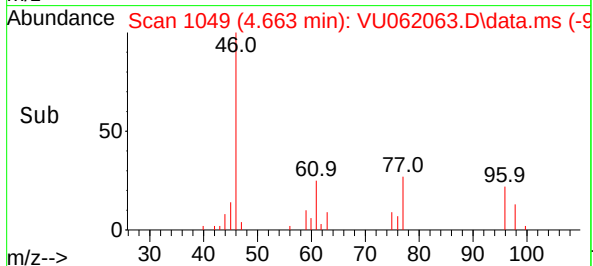
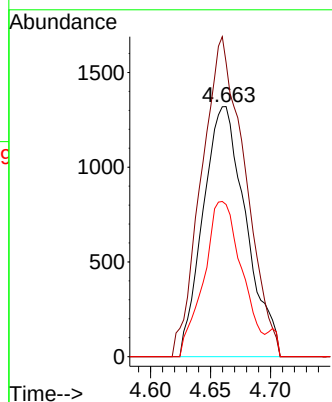


#20
cis-1,2-Dichloroethene
Concen: 2.557 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

Instrument :
MSVOA_U
ClientSampleId :

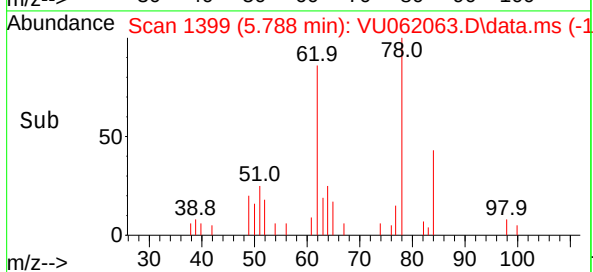
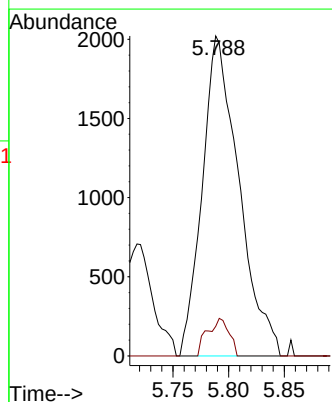
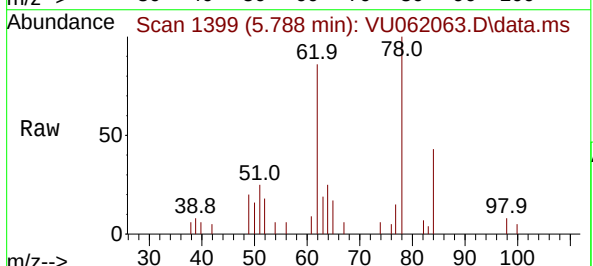


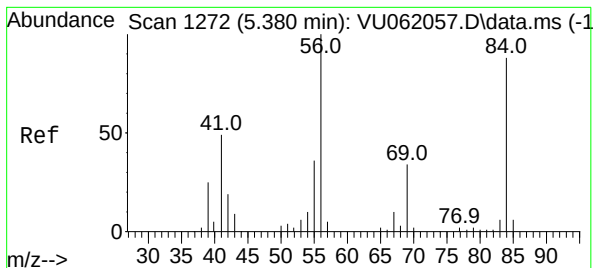
Tgt Ion: 96 Resp: 3275
Ion Ratio Lower Upper
96 100
61 117.5 90.1 167.3
98 60.8 45.3 84.1



#27
1,2-Dichloroethane
Concen: 2.475 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

Tgt Ion: 62 Resp: 4622
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.0





#29

Cyclohexane

Concen: 2.323 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :

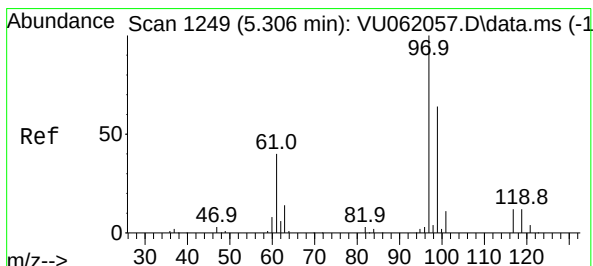
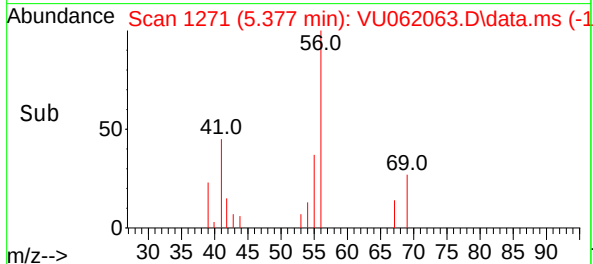
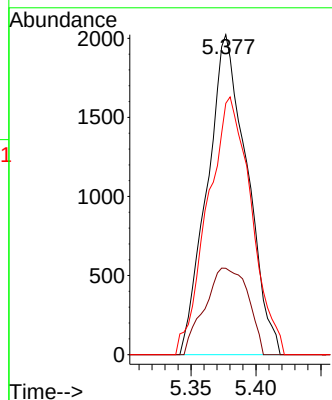
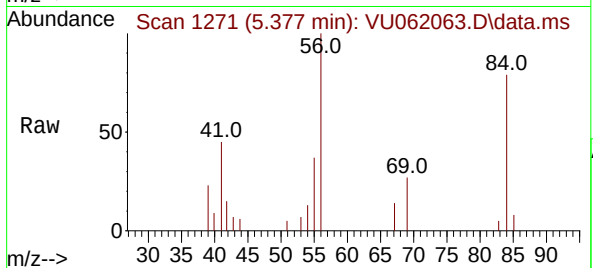
Tgt Ion: 56 Resp: 4290

Ion Ratio Lower Upper

56 100

69 29.4 27.1 40.7

84 88.6 72.1 108.1



#30

1,1,1-Trichloroethane

Concen: 2.173 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.003 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

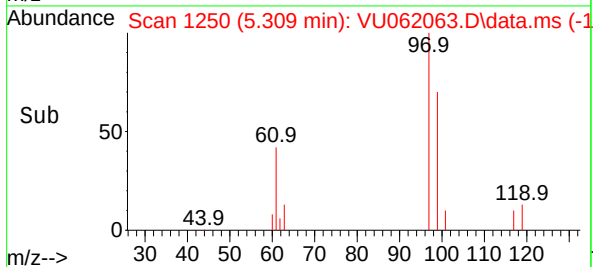
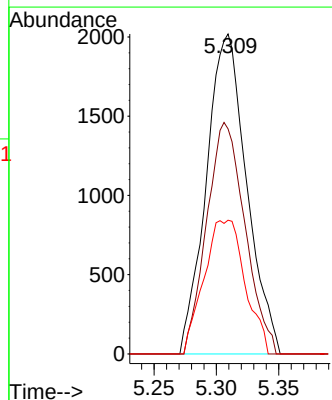
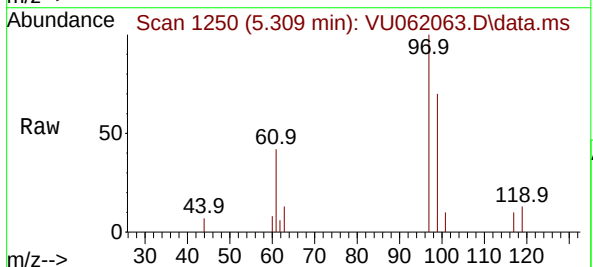
Tgt Ion: 97 Resp: 4544

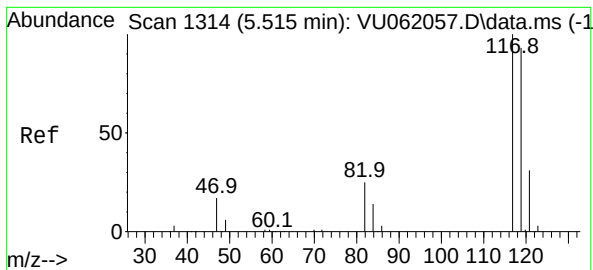
Ion Ratio Lower Upper

97 100

99 68.8 52.0 78.0

61 22.4 32.6 48.8#





#31

Carbon tetrachloride

Concen: 2.076 ug/L

RT: 5.515 min Scan# 117

Delta R.T. -0.000 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

Instrument :

MSVOA_U

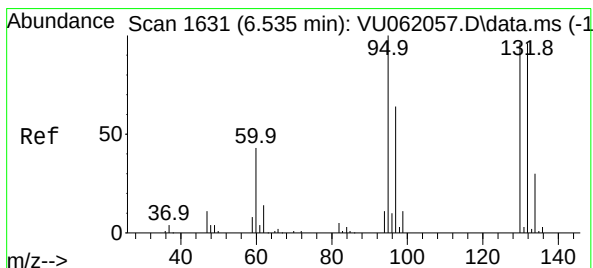
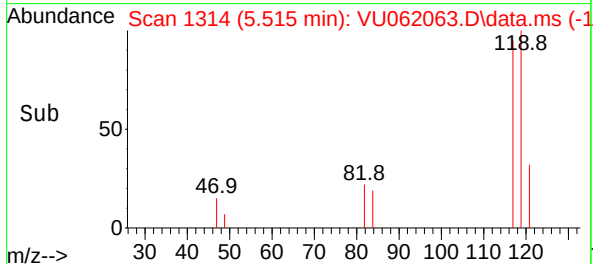
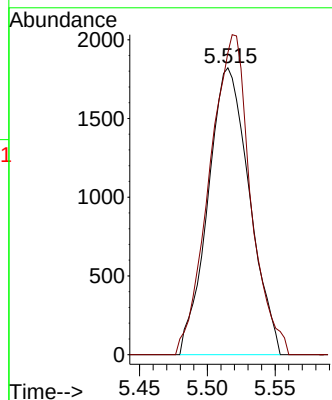
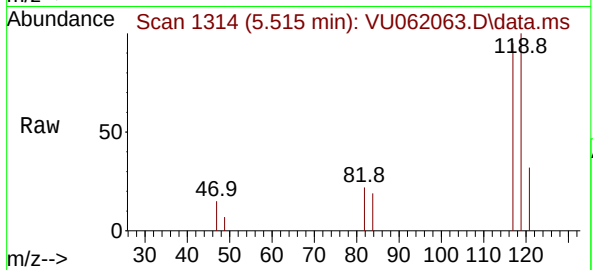
ClientSampleId :

Tgt Ion:117 Resp: 3880

Ion Ratio Lower Upper

117 100

119 110.4 77.0 115.6



#34

Trichloroethene

Concen: 2.390 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. 0.003 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

Tgt Ion: 95 Resp: 3139

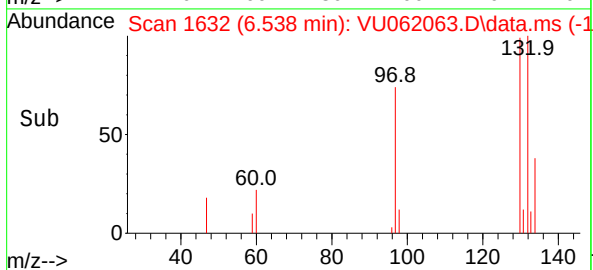
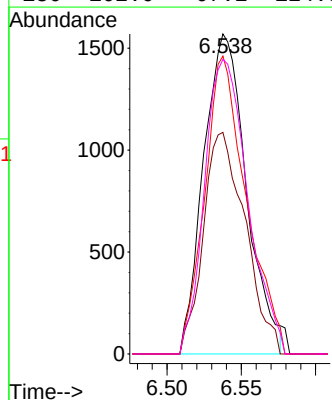
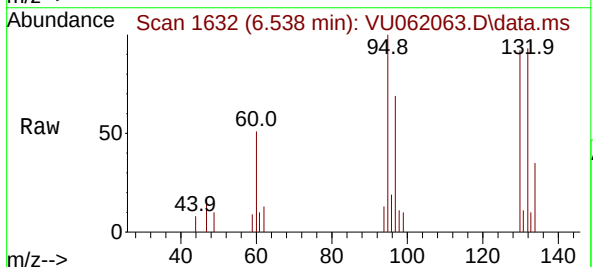
Ion Ratio Lower Upper

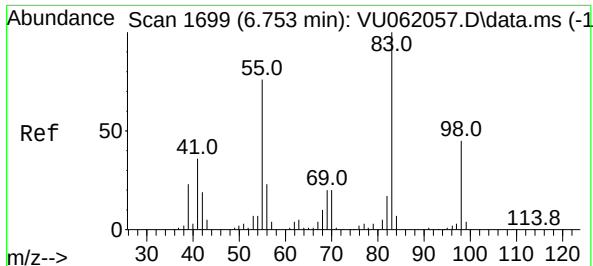
95 100

97 69.2 44.6 82.8

132 103.1 67.3 124.9

130 102.9 67.2 124.8





#35

Methylcyclohexane

Concen: 2.255 ug/L

RT: 6.756 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :

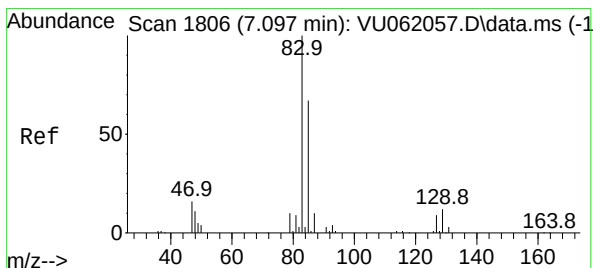
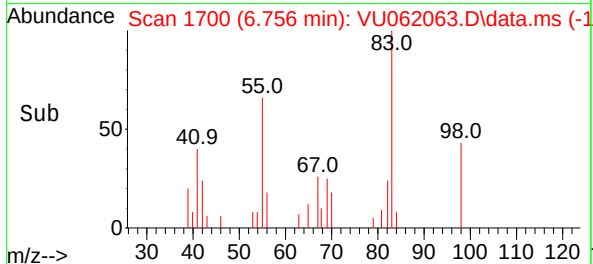
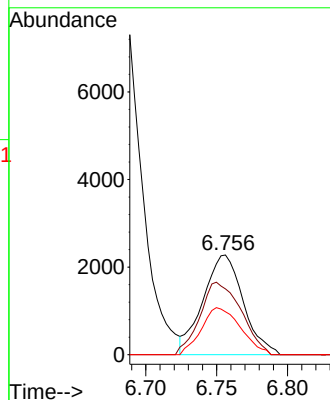
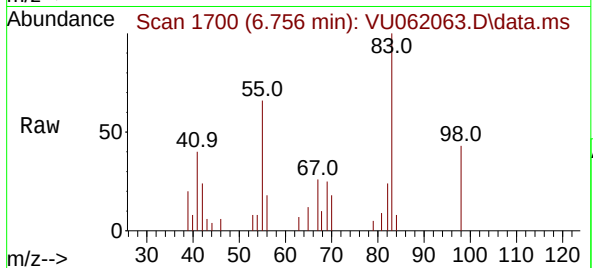
Tgt Ion: 83 Resp: 4490

Ion Ratio Lower Upper

83 100

55 74.5 60.1 90.1

98 46.0 35.8 53.8



#38

Bromodichloromethane

Concen: 2.317 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

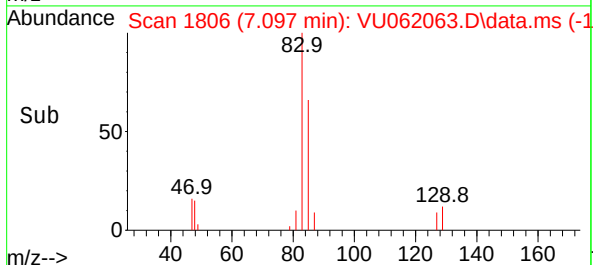
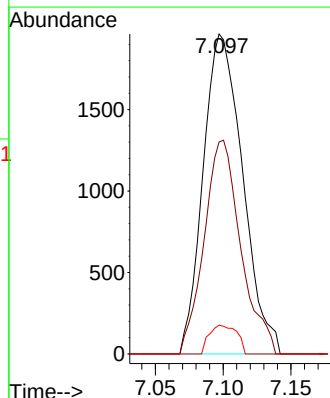
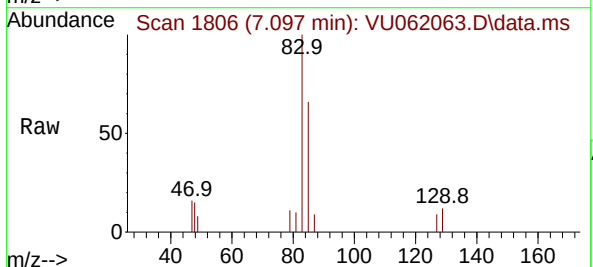
Tgt Ion: 83 Resp: 3974

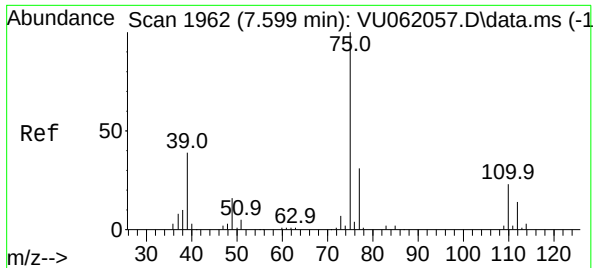
Ion Ratio Lower Upper

83 100

85 66.2 46.8 87.0

127 9.0 6.8 10.2

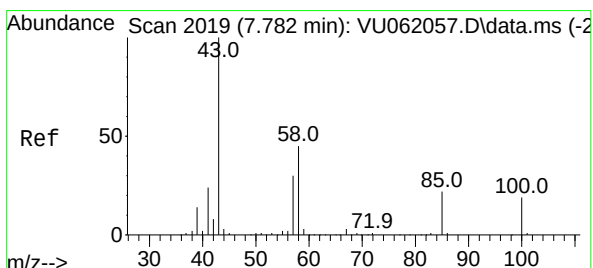
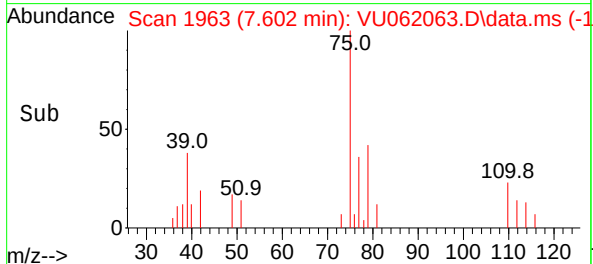
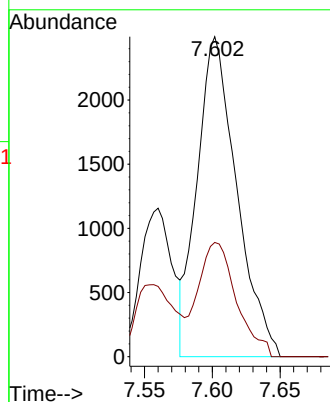
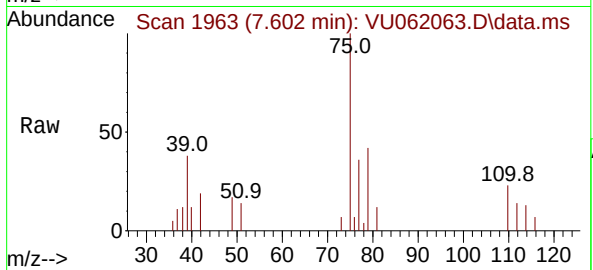




#39
 cis-1,3-Dichloropropene
 Concen: 2.461 ug/L
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU062063.D
 Acq: 27 Nov 2024 19:54

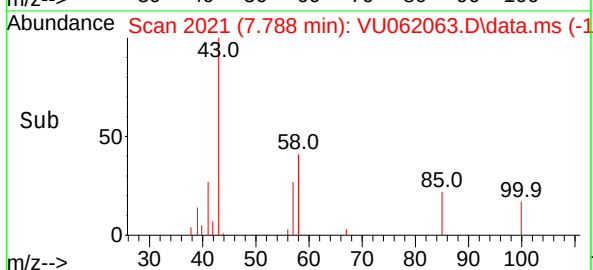
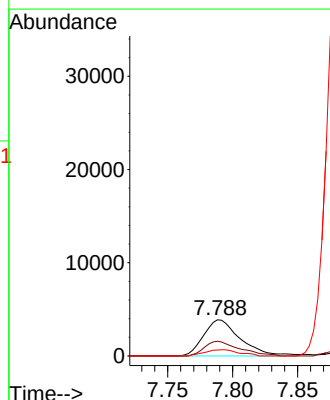
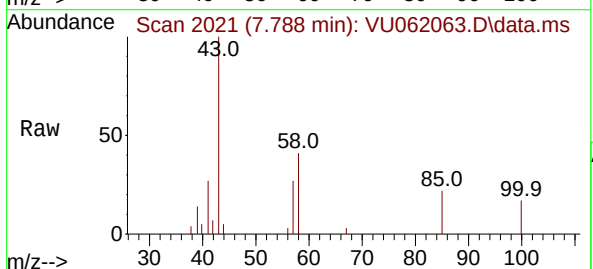
Instrument :
 MSVOA_U
 ClientSampleId :

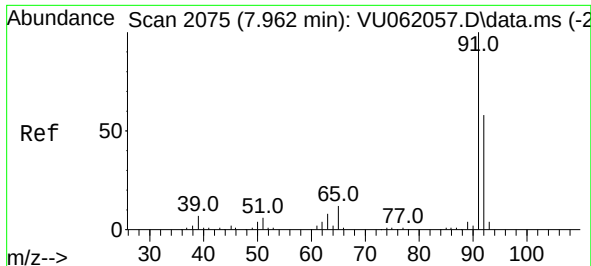
Tgt Ion: 75 Resp: 5058
 Ion Ratio Lower Upper
 75 100
 77 35.7 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 4.702 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: VU062063.D
 Acq: 27 Nov 2024 19:54

Tgt Ion: 43 Resp: 7476
 Ion Ratio Lower Upper
 43 100
 58 39.6 35.7 53.5
 100 14.6 14.6 21.8





#42

Toluene

Concen: 2.375 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

Instrument :

MSVOA_U

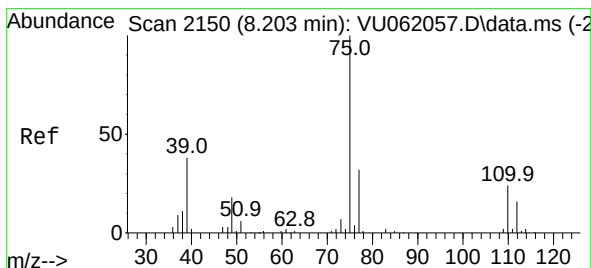
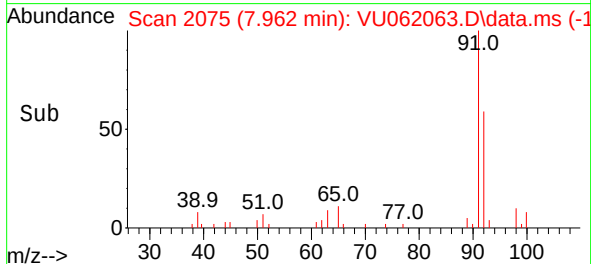
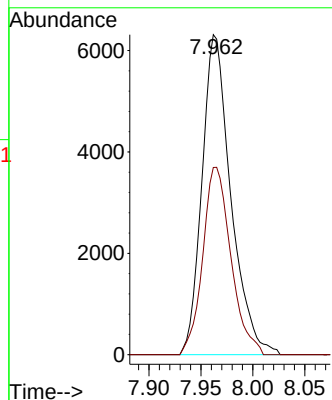
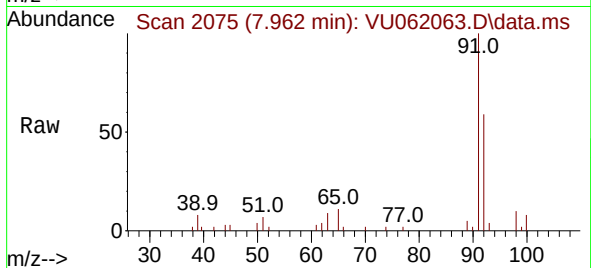
ClientSampleId :

Tgt Ion: 91 Resp: 12214

Ion Ratio Lower Upper

91 100

92 58.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 2.424 ug/L

RT: 8.210 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU062063.D

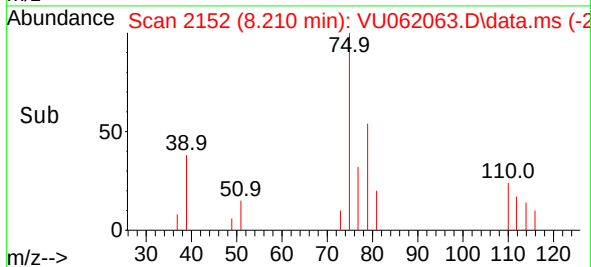
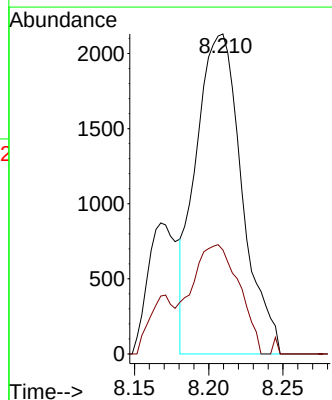
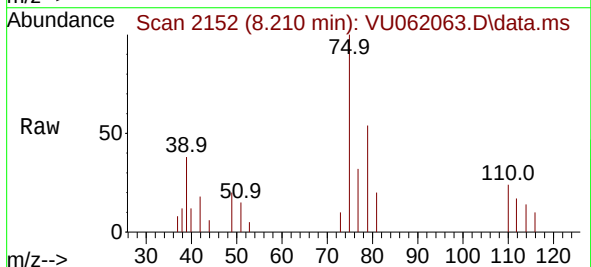
Acq: 27 Nov 2024 19:54

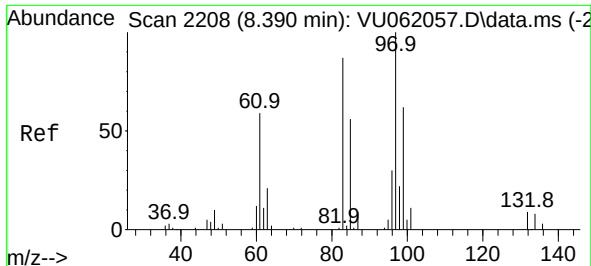
Tgt Ion: 75 Resp: 4607

Ion Ratio Lower Upper

75 100

77 32.5 22.4 41.6

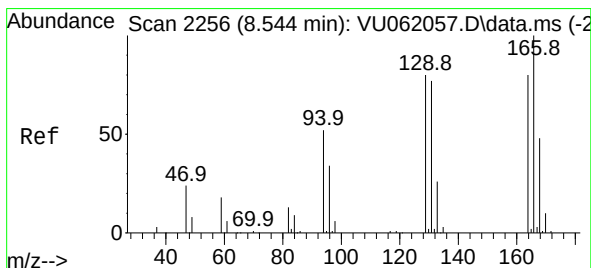
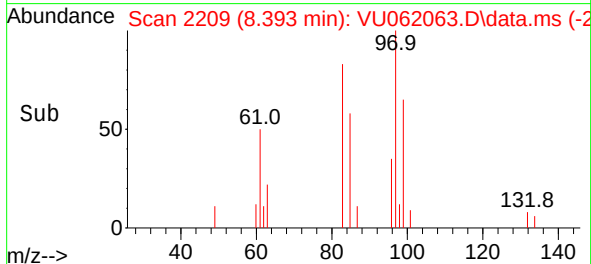
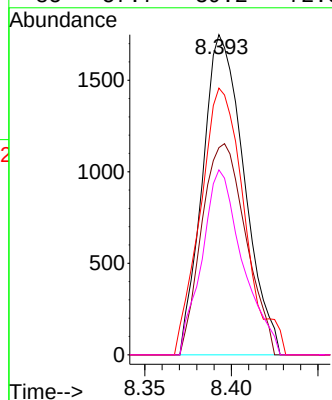
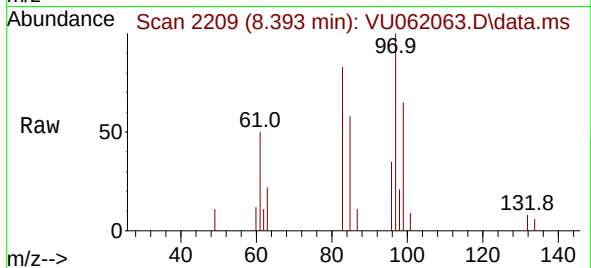




#45
1,1,2-Trichloroethane
Concen: 2.322 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

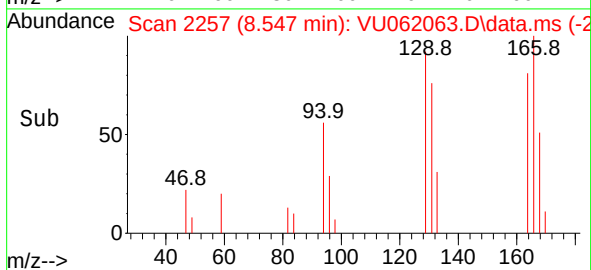
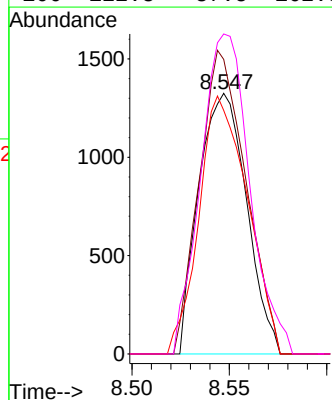
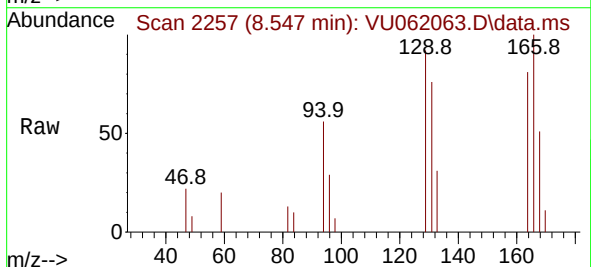
Instrument :
MSVOA_U
ClientSampleId :

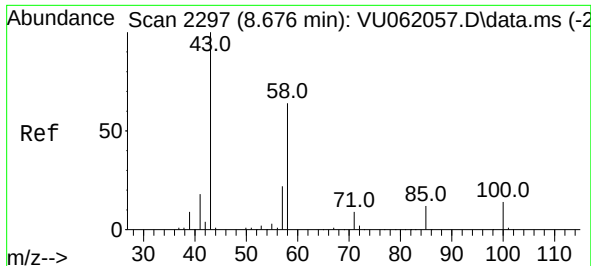
Tgt Ion: 97	Resp: 2933
Ion Ratio	Lower Upper
97 100	
99 64.7	43.5 80.7
83 83.3	60.8 113.0
85 57.7	39.2 72.8



#46
Tetrachloroethene
Concen: 2.264 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

Tgt	Ion:164	Resp:	2260
Ion	Ratio	Lower	Upper
164	100		
129	113.1	70.4	130.8
131	93.4	67.8	125.8
166	122.8	87.5	162.5





#48

2-Hexanone

Concen: 8.613 ug/L

RT: 8.682 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 11544

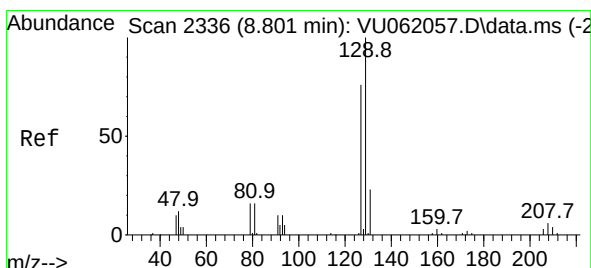
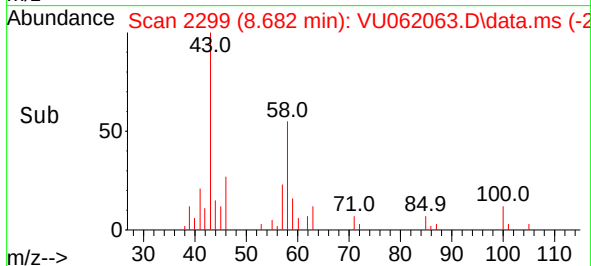
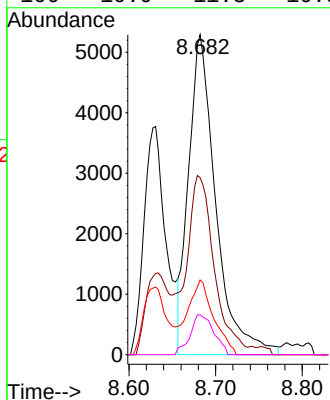
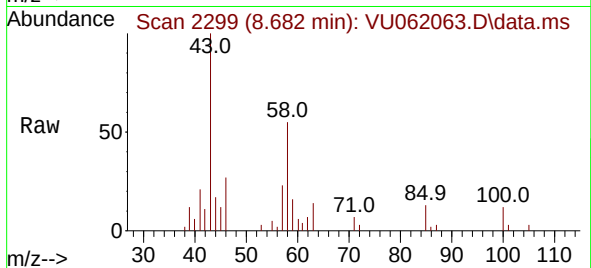
Ion Ratio Lower Upper

43 100

58 49.5 51.7 77.5#

57 21.1 18.5 27.7

100 10.9 11.3 16.9#



#49

Dibromochloromethane

Concen: 2.362 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU062063.D

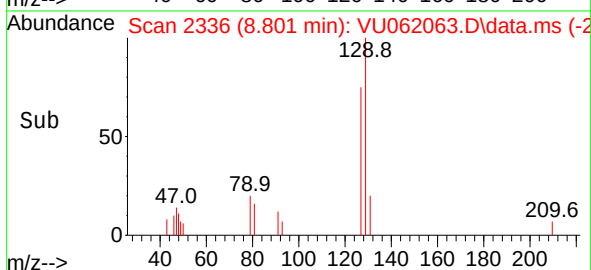
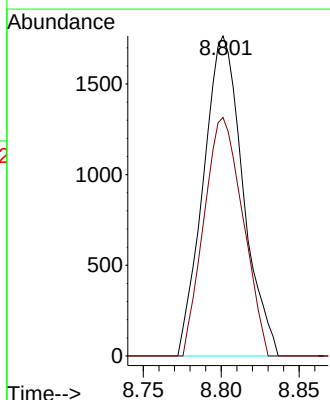
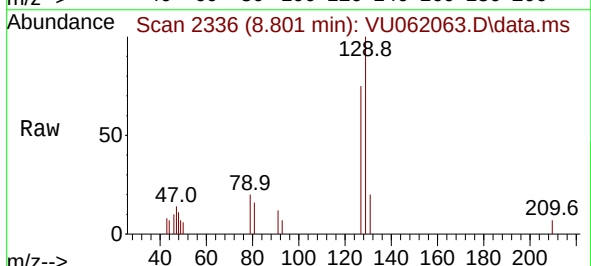
Acq: 27 Nov 2024 19:54

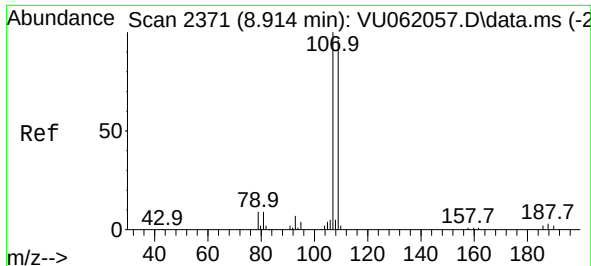
Tgt Ion:129 Resp: 3118

Ion Ratio Lower Upper

129 100

127 74.6 53.3 99.1





#50

1,2-Dibromoethane

Concen: 2.306 ug/L

RT: 8.920 min Scan# 24

Delta R.T. 0.006 min

Lab File: VU062063.D

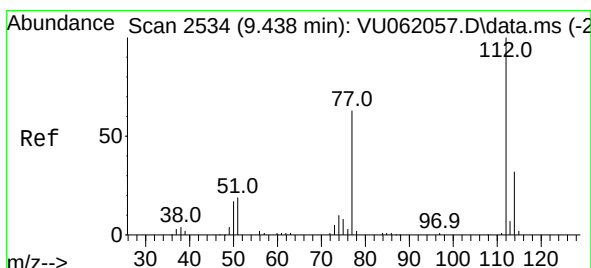
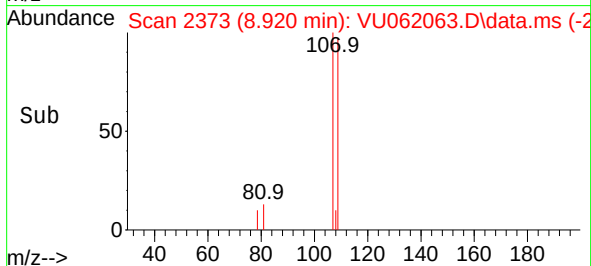
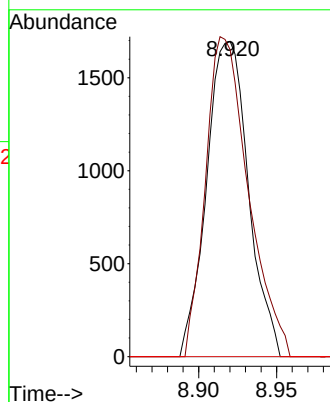
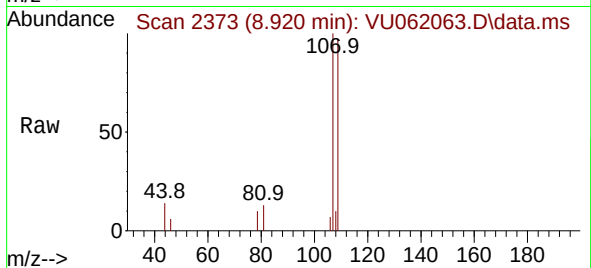
Acq: 27 Nov 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	3164
Ion Ratio	Lower	Upper
107	100	
109	97.3	67.1 124.7
188	0.0	2.6 4.0#



#51

Chlorobenzene

Concen: 2.506 ug/L

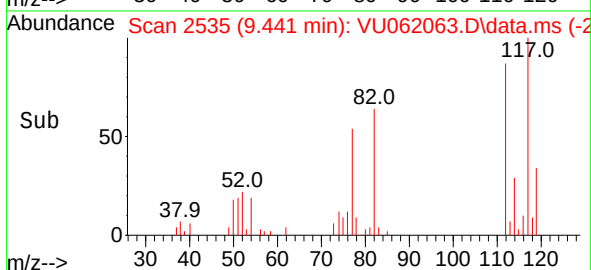
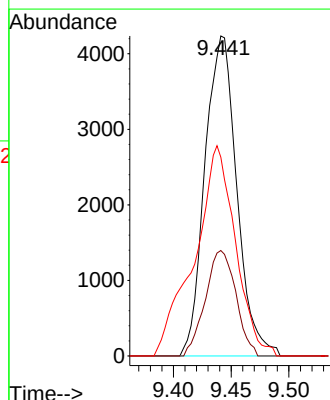
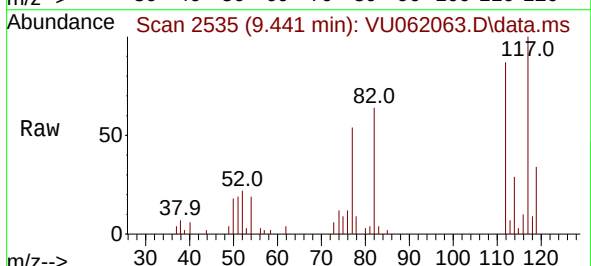
RT: 9.441 min Scan# 2535

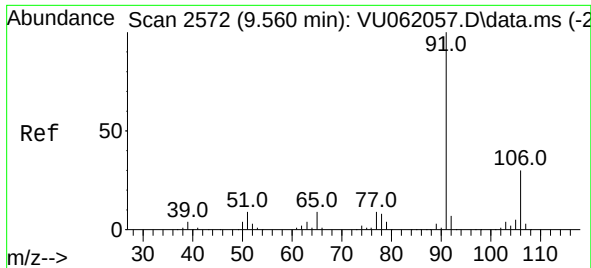
Delta R.T. 0.003 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

Tgt Ion:112	Resp:	8141
Ion Ratio	Lower	Upper
112	100	
114	35.8	22.0 41.0
77	62.1	50.8 76.2

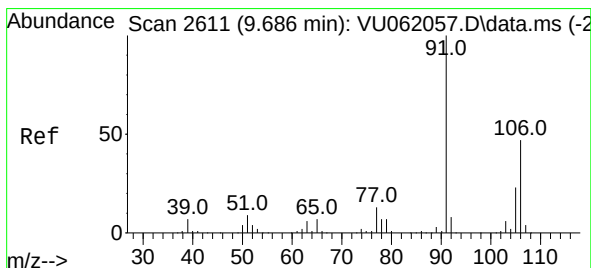
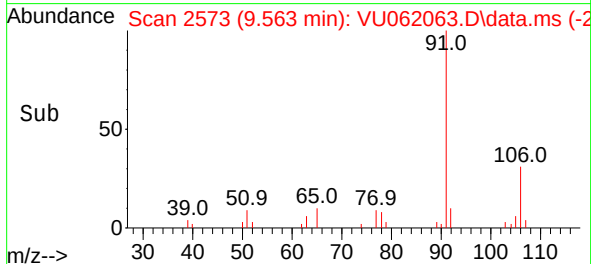
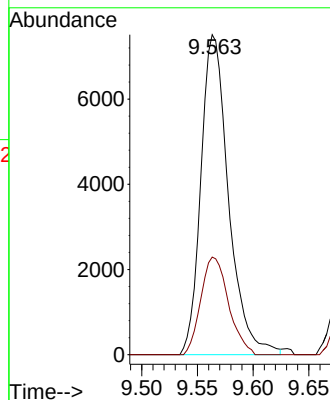
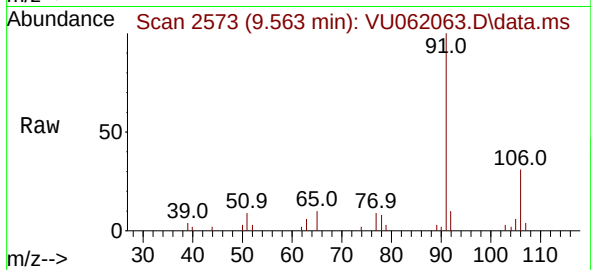




#52
Ethylbenzene
Concen: 2.297 ug/L
RT: 9.563 min Scan# 2572
Delta R.T. 0.003 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

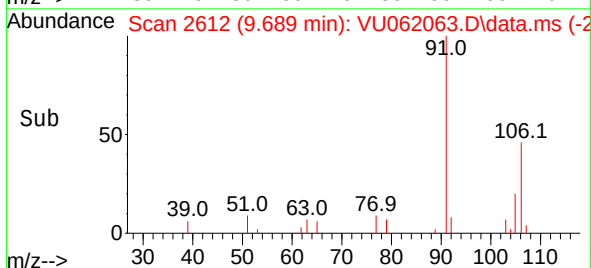
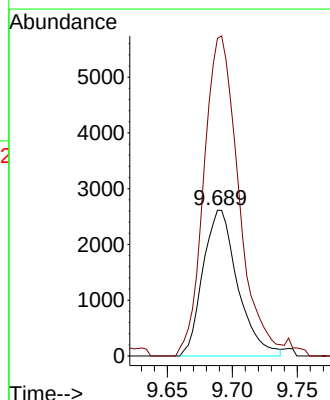
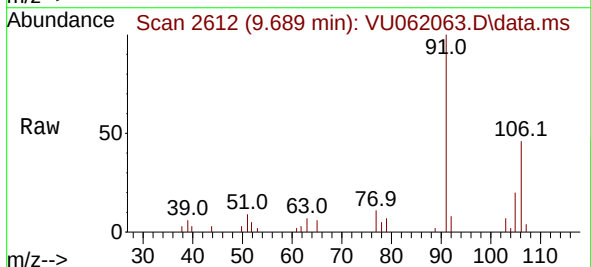
Instrument :
MSVOA_U
ClientSampleId :

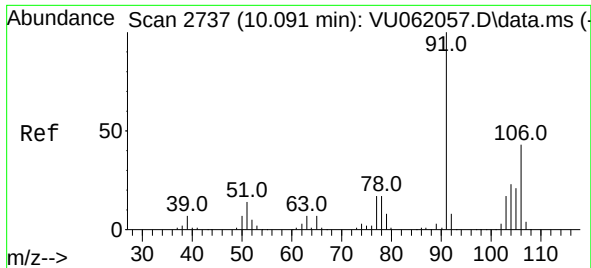
Tgt Ion: 91 Resp: 12976
Ion Ratio Lower Upper
91 100
106 30.5 20.8 38.6



#53
m,p-Xylene
Concen: 2.326 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

Tgt Ion:106 Resp: 4859
Ion Ratio Lower Upper
106 100
91 218.0 147.9 274.7

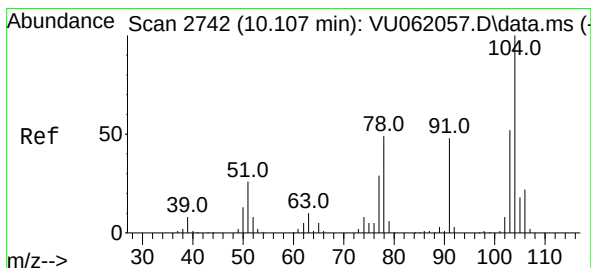
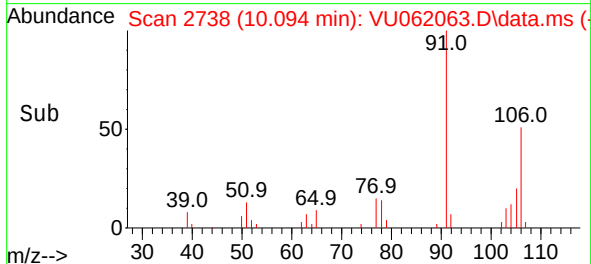
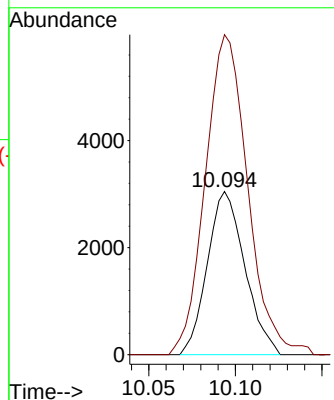
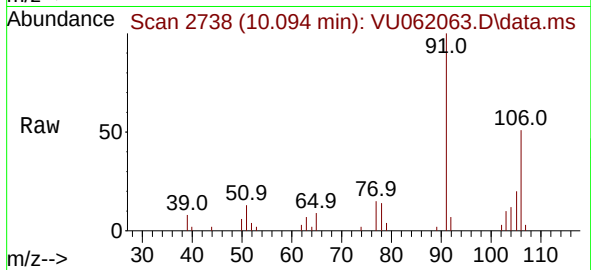




#54
o-Xylene
Concen: 2.247 ug/L
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

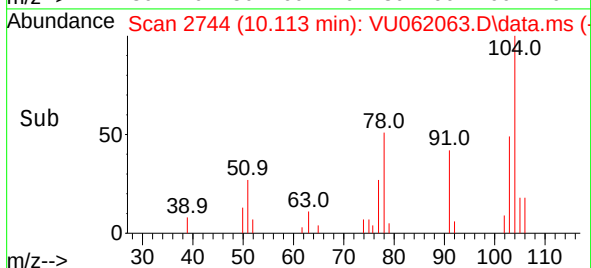
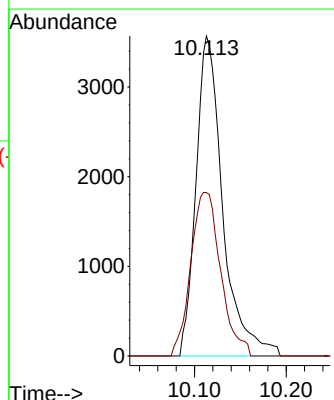
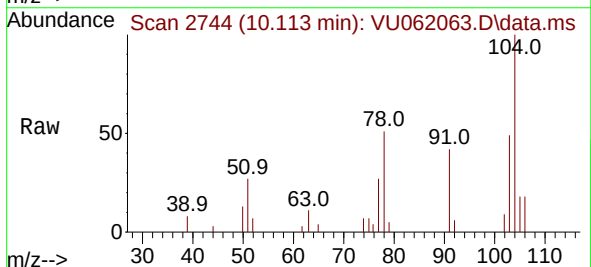
Instrument :
MSVOA_U
ClientSampleId :

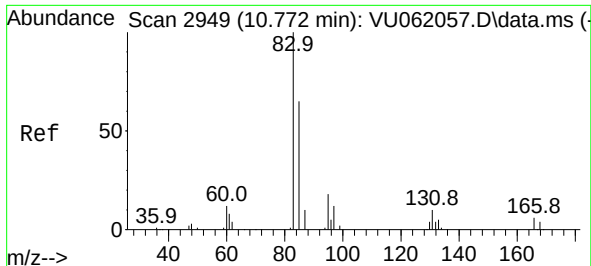
Tgt Ion:106 Resp: 4591
Ion Ratio Lower Upper
106 100
91 184.0 161.0 299.0



#55
Styrene
Concen: 2.106 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

Tgt Ion:104 Resp: 7241
Ion Ratio Lower Upper
104 100
78 51.0 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 2.577 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :

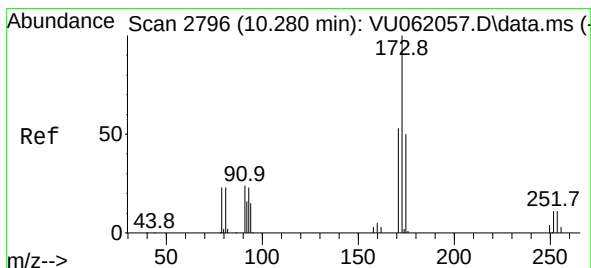
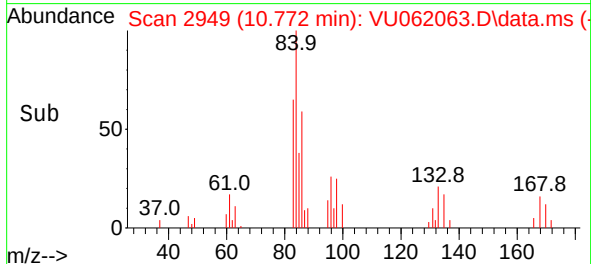
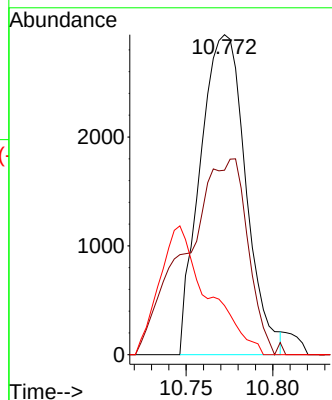
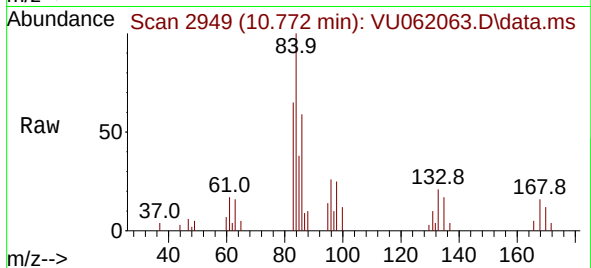
Tgt Ion: 83 Resp: 5372

Ion Ratio Lower Upper

83 100

85 57.7 46.5 86.3

131 15.3 8.4 12.6#



#59

Bromoform

Concen: 2.258 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.000 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

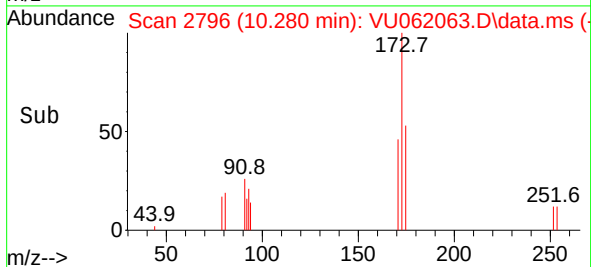
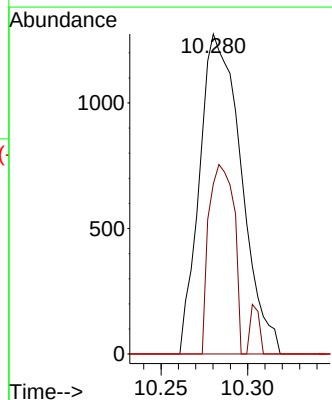
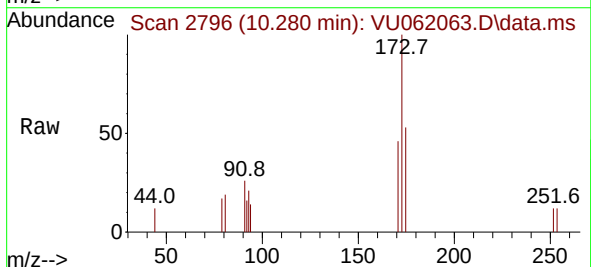
Tgt Ion:173 Resp: 2132

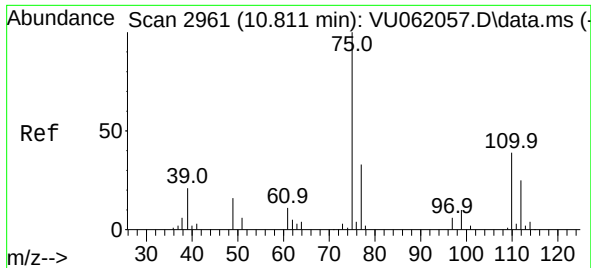
Ion Ratio Lower Upper

173 100

175 35.5 39.2 58.8#

254 0.0 1.7 2.5#





#60

1,2,3-Trichloropropane

Concen: 2.485 ug/L

RT: 10.814 min Scan# 2961

Delta R.T. 0.003 min

Lab File: VU062063.D

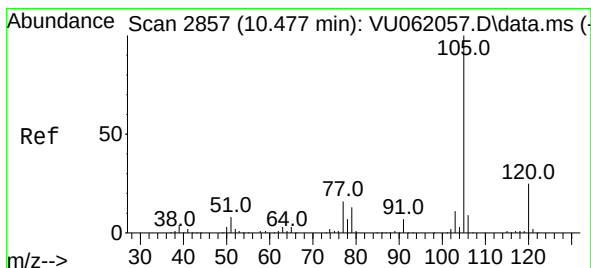
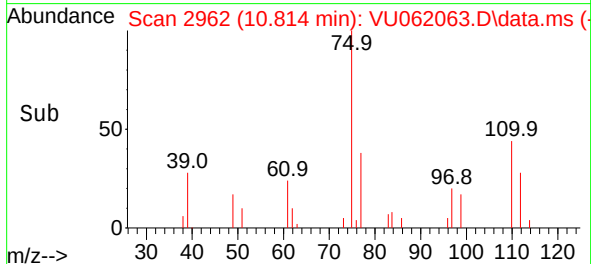
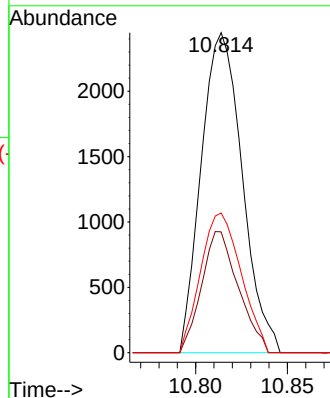
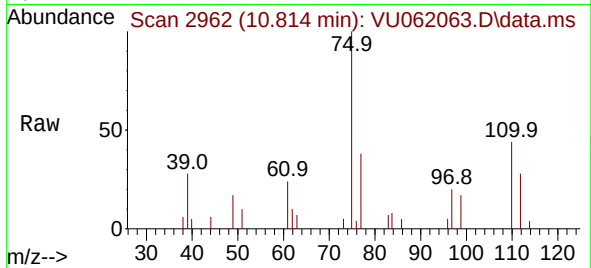
Acq: 27 Nov 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75	Resp:	3802
Ion Ratio	Lower	Upper
75	100	
77	34.0	26.2 39.4
110	43.1	30.7 46.1



#61

Isopropylbenzene

Concen: 2.363 ug/L

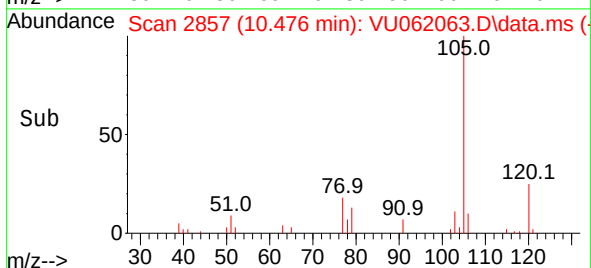
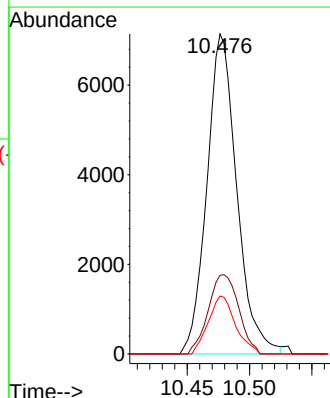
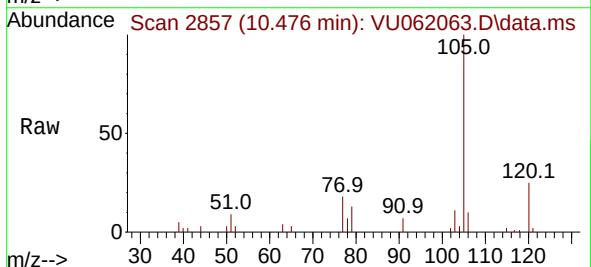
RT: 10.476 min Scan# 2857

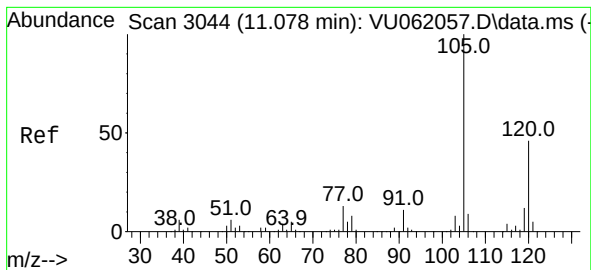
Delta R.T. -0.000 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

Tgt Ion: 105	Resp:	11912
Ion Ratio	Lower	Upper
105	100	
120	25.2	20.0 30.0
77	16.4	13.1 19.7





#62

1,3,5-Trimethylbenzene

Concen: 2.239 ug/L

RT: 11.081 min Scan# 3044

Delta R.T. 0.003 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

Instrument :

MSVOA_U

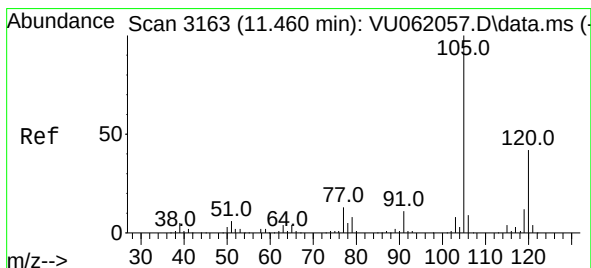
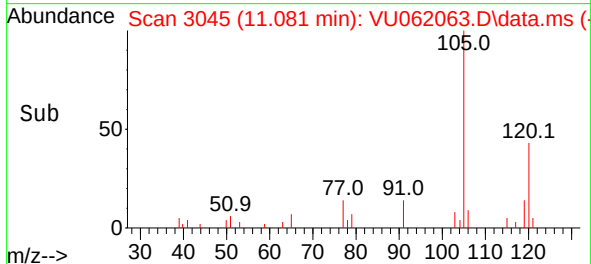
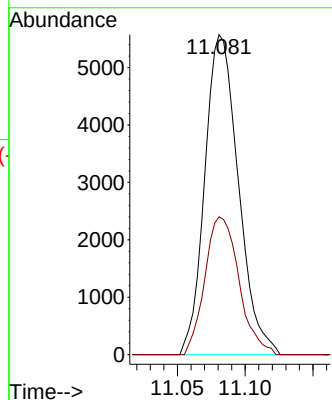
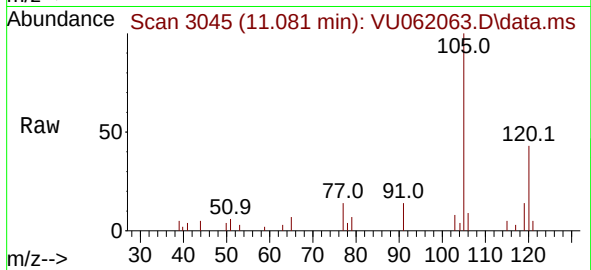
ClientSampleId :

Tgt Ion:105 Resp: 9610

Ion Ratio Lower Upper

105 100

120 43.7 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 2.135 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU062063.D

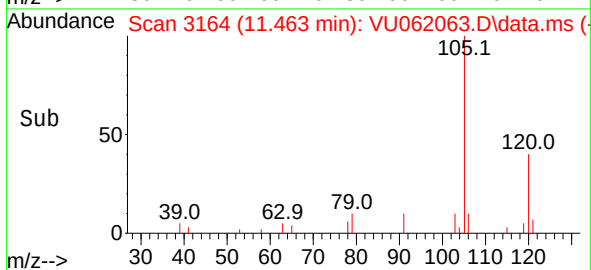
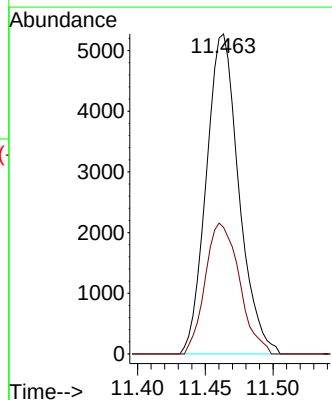
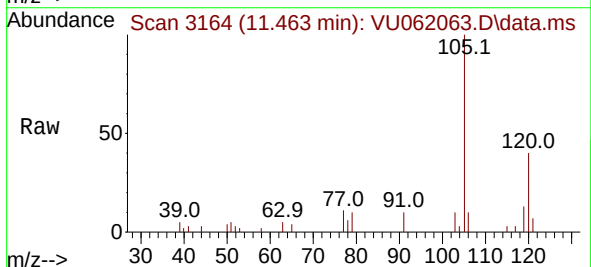
Acq: 27 Nov 2024 19:54

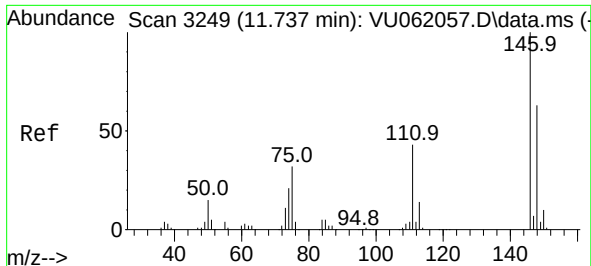
Tgt Ion:105 Resp: 8825

Ion Ratio Lower Upper

105 100

120 42.9 33.8 50.8





#64

1,3-Dichlorobenzene

Concen: 2.613 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.006 min

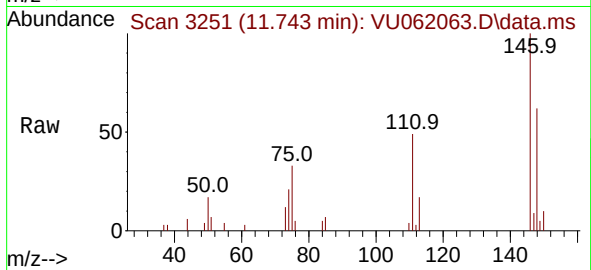
Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :



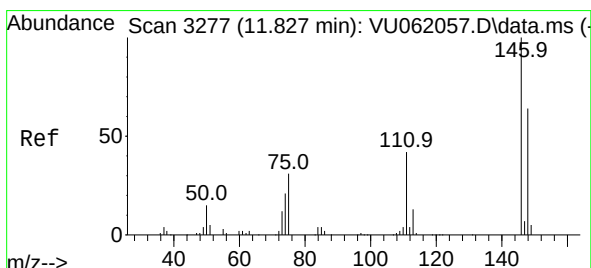
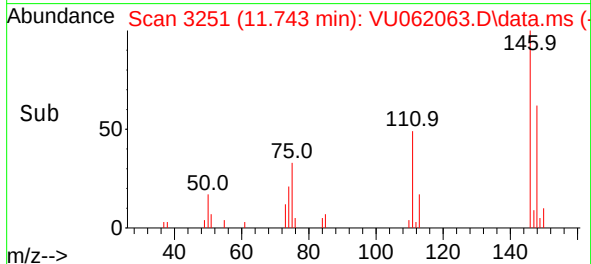
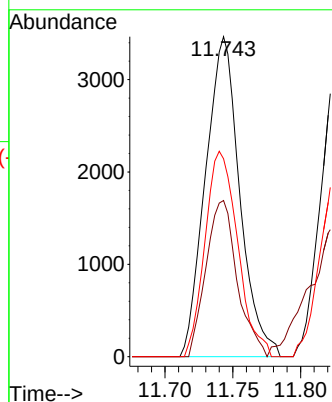
Tgt Ion:146 Resp: 6088

Ion Ratio Lower Upper

146 100

111 48.8 29.8 55.4

148 66.4 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 2.766 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

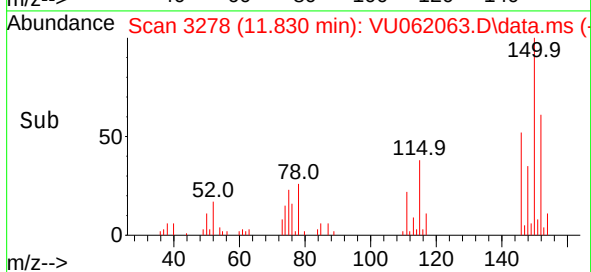
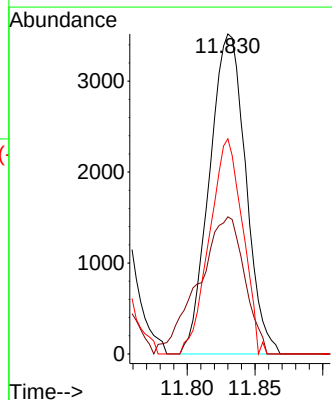
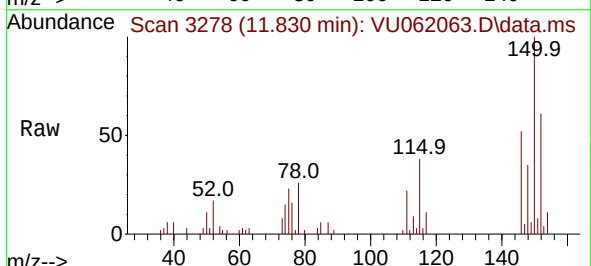
Tgt Ion:146 Resp: 6541

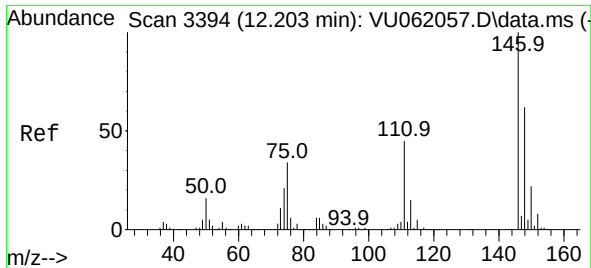
Ion Ratio Lower Upper

146 100

111 42.9 29.4 54.6

148 67.2 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 2.579 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :

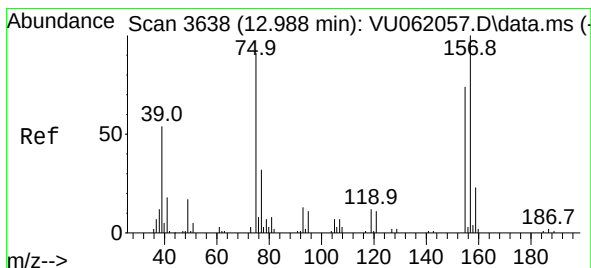
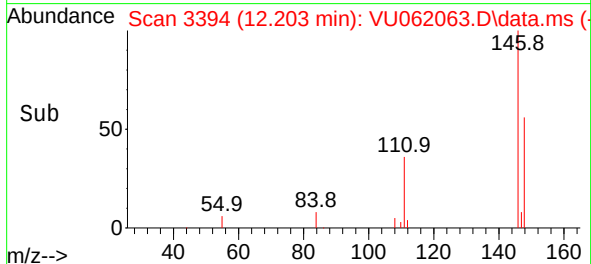
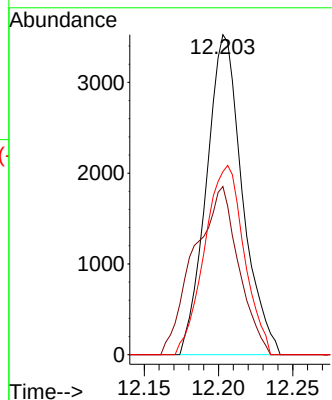
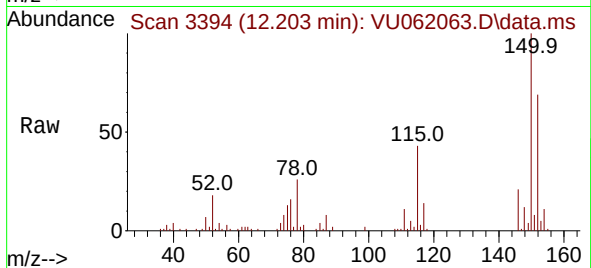
Tgt Ion:146 Resp: 5936

Ion Ratio Lower Upper

146 100

111 52.6 36.1 54.1

148 57.2 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 2.347 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

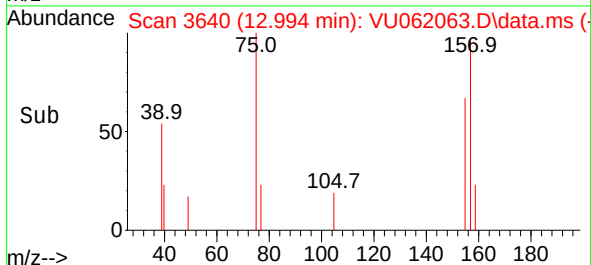
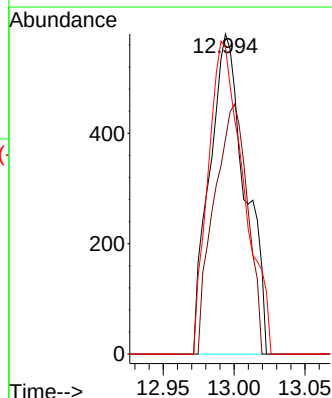
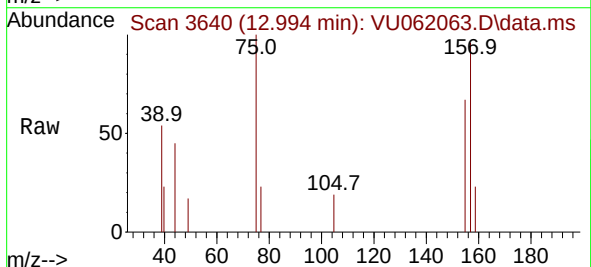
Tgt Ion: 75 Resp: 1012

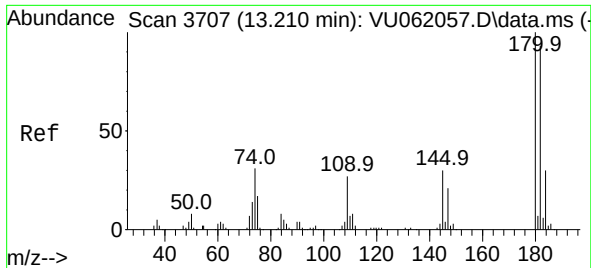
Ion Ratio Lower Upper

75 100

155 67.2 65.1 97.7

157 95.9 91.2 136.8





#69

1,3,5-Trichlorobenzene

Concen: 2.438 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.006 min

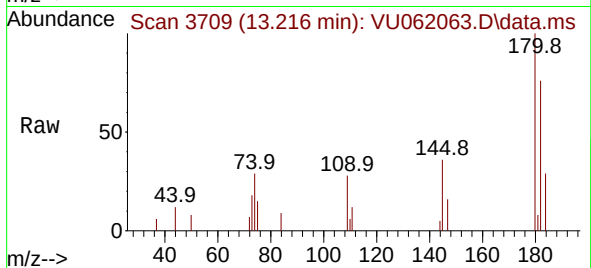
Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 3999

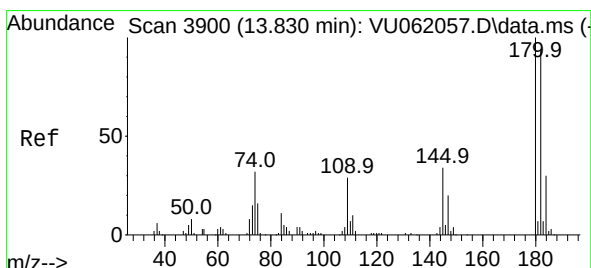
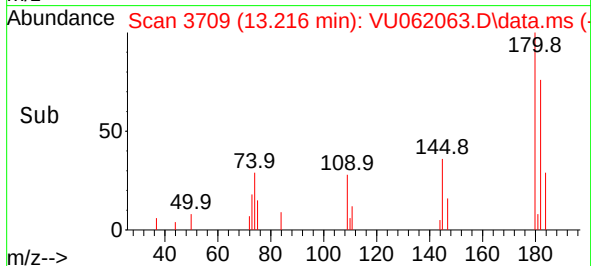
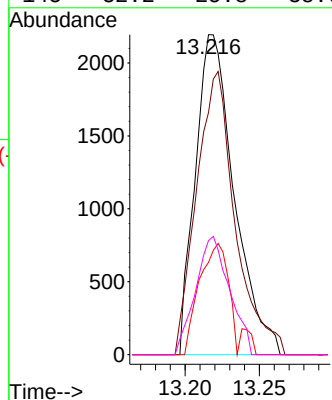
Ion Ratio Lower Upper

180 100

182 87.7 74.6 112.0

184 25.9 24.2 36.2

145 32.2 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 1.966 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.013 min

Lab File: VU062063.D

Acq: 27 Nov 2024 19:54

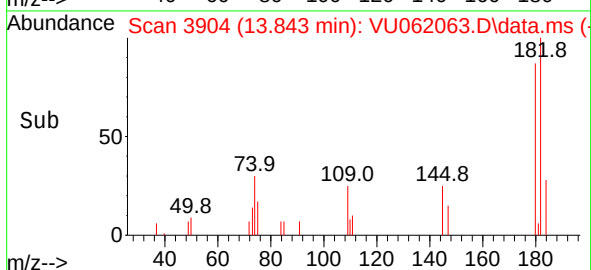
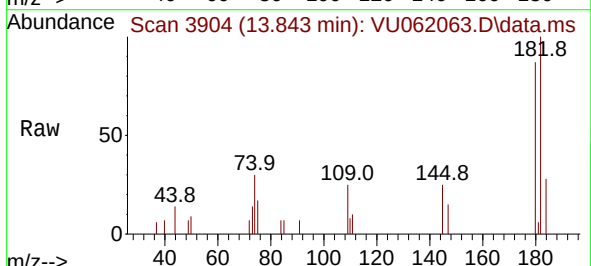
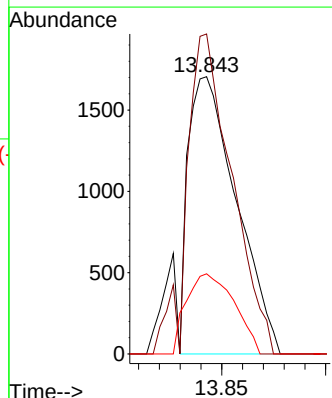
Tgt Ion:180 Resp: 2753

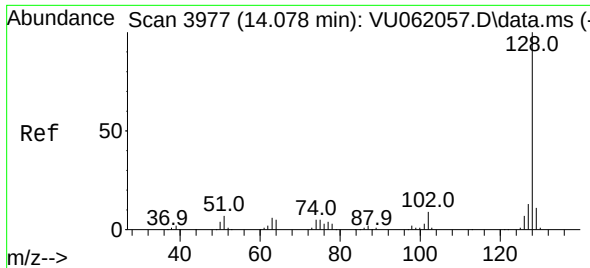
Ion Ratio Lower Upper

180 100

182 101.2 76.6 114.8

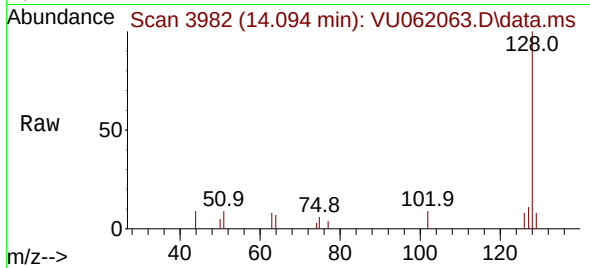
145 28.7 27.1 40.7



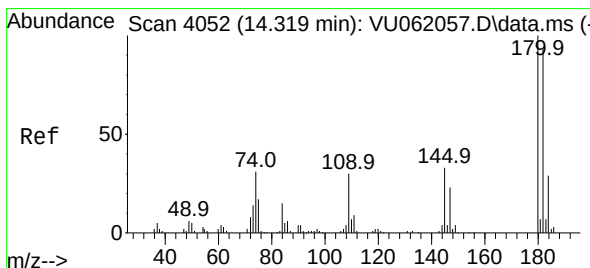
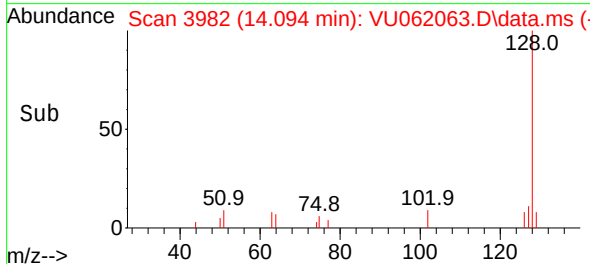
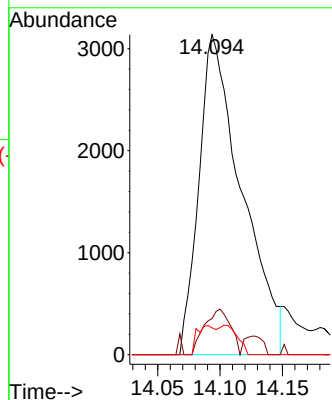


#71
Naphthalene
Concen: 1.977 ug/L
RT: 14.094 min Scan# 3977
Delta R.T. 0.016 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 7500
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 2.8 8.5 12.7#



#72
1,2,3-Trichlorobenzene
Concen: 2.221 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.009 min
Lab File: VU062063.D
Acq: 27 Nov 2024 19:54

Tgt Ion:180 Resp: 3002
Ion Ratio Lower Upper
180 100
182 95.9 75.8 113.6
145 31.9 27.4 41.0

