

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123124\
 Data File : VU062643.D
 Acq On : 31 Dec 2024 13:32
 Operator : MD/SY
 Sample : MDL06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 01 00:17:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 01 00:16:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	98942	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92672	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45572	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20580	3.084	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.901	69	17826	3.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.557	65	11398	3.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	4.615	46	57738	45.143	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.280%
24) Chloroform-d	5.052	84	59251	4.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.692	65	35082	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.718	84	104478	3.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.682	67	30045	3.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.891	98	97887	3.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.177	79	15155	4.508	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.628	63	50457	49.754	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	26001	4.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	38208	4.550	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	1216	0.131	ug/L	98
3) Chloromethane	1.515	50	1140	0.157	ug/L	89
5) Vinyl chloride	1.599	62	1388	0.184	ug/L	95
6) Bromomethane	1.843	94	848	0.168	ug/L	97
9) Trichlorofluoromethane	2.129	101	2536	0.193	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	1385	0.194	ug/L #	87
12) 1,1-Dichloroethene	2.563	96	1400	0.210	ug/L #	1
14) Carbon disulfide	2.785	76	2652	0.126	ug/L	96
16) Methylene chloride	3.036	84	1291	0.184	ug/L	87
17) Methyl tert-butyl Ether	3.361	73	3077	0.185	ug/L #	84
18) trans-1,2-Dichloroethene	3.358	96	1042	0.152	ug/L	83
19) 1,1-Dichloroethane	3.859	63	2001	0.159	ug/L	92
22) cis-1,2-Dichloroethene	4.657	96	1292	0.168	ug/L	82
23) Bromochloromethane	4.975	128	538	0.160	ug/L #	61
25) Chloroform	5.071	83	3057	0.216	ug/L	86
27) 1,2-Dichloroethane	5.804	62	1609	0.179	ug/L #	75
30) Cyclohexane	5.377	56	1422	0.135	ug/L #	87
31) Carbon tetrachloride	5.512	117	1994	0.167	ug/L	98
33) Benzene	5.766	78	4296	0.150	ug/L	100

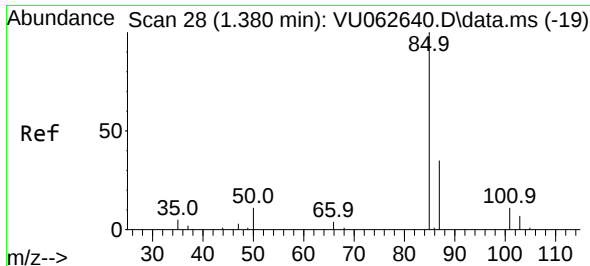
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123124\
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Quant Time: Jan 01 00:17:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 01 00:16:18 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	6.538	95	3826	0.470	ug/L	91
35) Methylcyclohexane	6.753	83	1611	0.134	ug/L	90
37) 1,2-Dichloropropane	6.785	63	1020	0.146	ug/L #	87
38) Bromodichloromethane	7.097	83	1746	0.177	ug/L #	91
39) cis-1,3-Dichloropropene	7.611	75	1952	0.174	ug/L	93
40) 4-Methyl-2-pentanone	7.788	43	5292	1.615	ug/L #	86
42) Toluene	7.968	91	5040	0.163	ug/L	94
44) trans-1,3-Dichloropropene	8.206	75	1764	0.193	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	901	0.171	ug/L	89
49) Dibromochloromethane	8.804	129	1282	0.201	ug/L	87
50) 1,2-Dibromoethane	8.923	107	892	0.176	ug/L #	71
51) Chlorobenzene	9.441	112	3404	0.172	ug/L	92
52) Ethylbenzene	9.566	91	5381	0.155	ug/L	88
53) m,p-Xylene	9.698	106	2052	0.160	ug/L	92
54) o-Xylene	10.094	106	1937	0.155	ug/L	98
55) Styrene	10.119	104	2719	0.132	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	1125	0.183	ug/L #	82
59) Bromoform	10.287	173	599	0.167	ug/L #	79
60) Isopropylbenzene	10.480	105	5551	0.169	ug/L #	95
61) 1,2,3-Trichloropropane	10.817	75	685	0.163	ug/L	97
62) 1,3,5-Trimethylbenzene	11.090	105	4443	0.159	ug/L	100
63) 1,2,4-Trimethylbenzene	11.470	105	4153	0.152	ug/L	94
64) 1,3-Dichlorobenzene	11.746	146	2780	0.184	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	3074	0.202	ug/L	88
67) 1,2-Dichlorobenzene	12.206	146	3004	0.215	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.219	75	286	0.311	ug/L #	9
69) 1,3,5-Trichlorobenzene	13.222	180	1834	0.163	ug/L #	84
72) 1,2,3-Trichlorobenzene	14.335	180	1191	0.152	ug/L	88

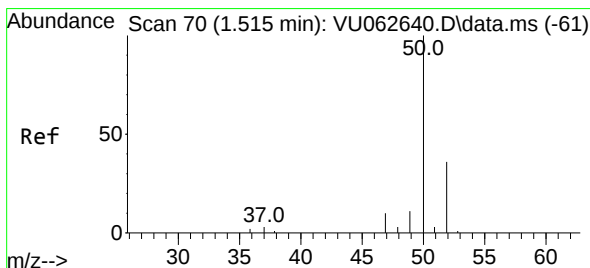
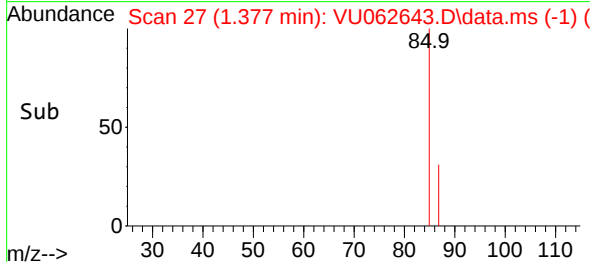
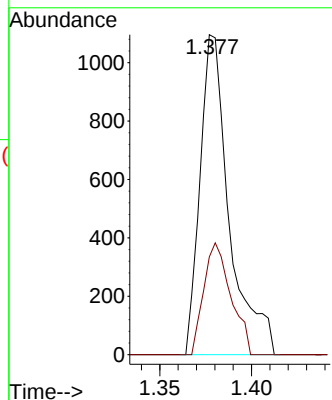
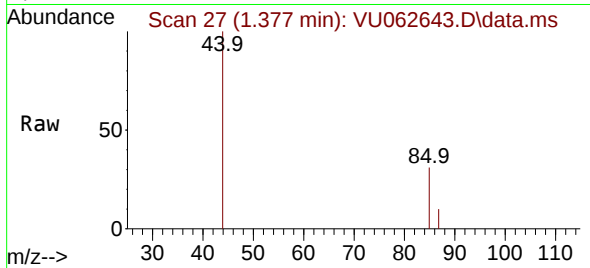
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.131 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU062643.D
 Acq: 31 Dec 2024 13:32

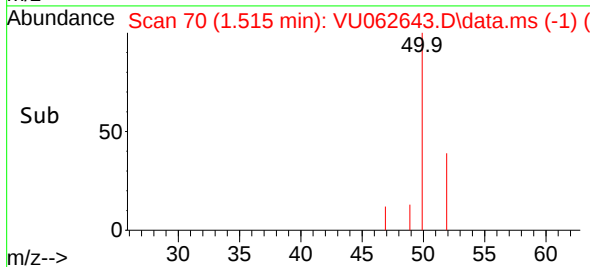
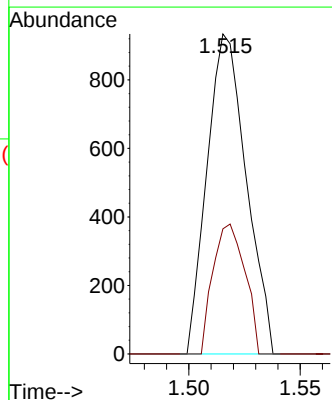
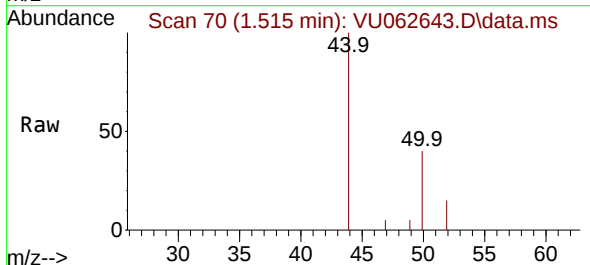
Instrument :
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 ClientSampleId :

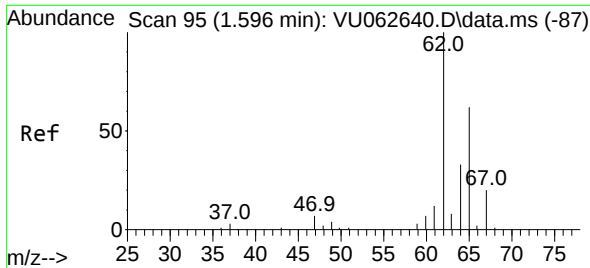
Tgt Ion: 85 Resp: 1216
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.6 40.0



#3
 Chloromethane
 Concen: 0.157 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU062643.D
 Acq: 31 Dec 2024 13:32

Tgt Ion: 50 Resp: 1140
 Ion Ratio Lower Upper
 50 100
 52 39.1 23.1 42.9

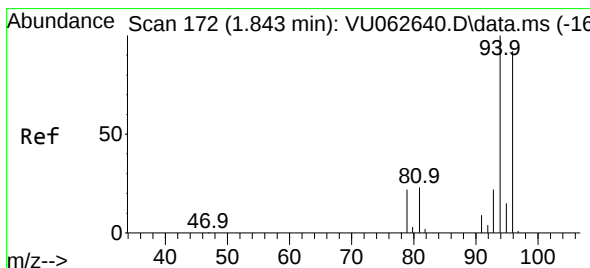
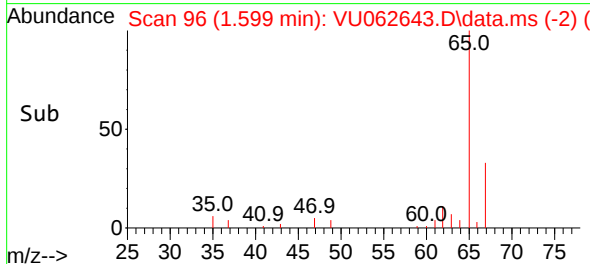
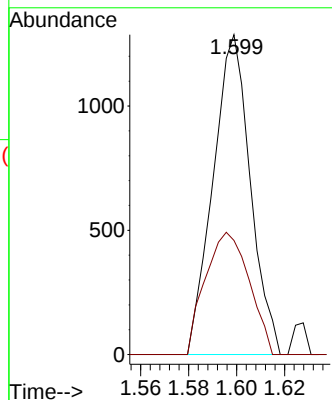
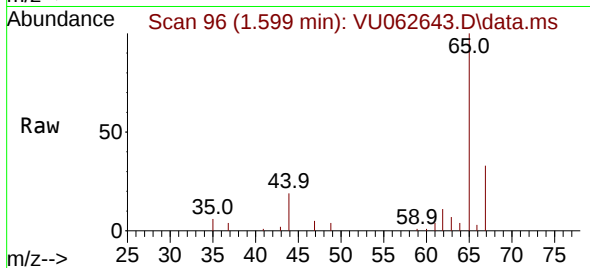




#5
 Vinyl chloride
 Concen: 0.184 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.003 min
 Lab File: VU062643.D
 Acq: 31 Dec 2024 13:32

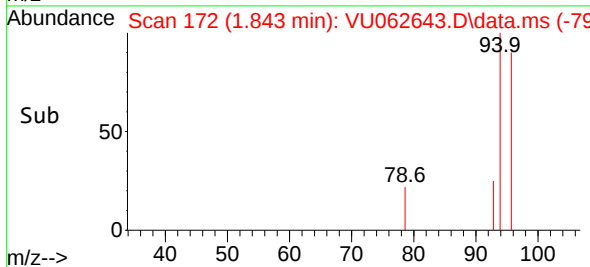
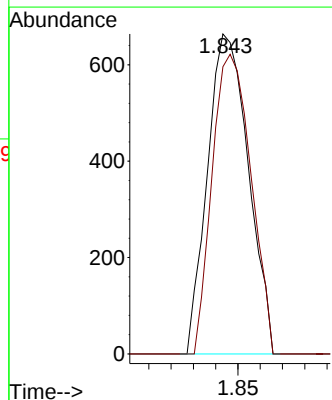
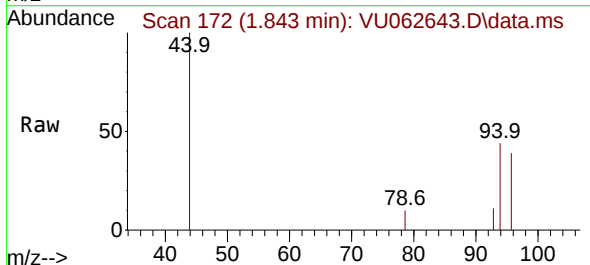
Instrument :
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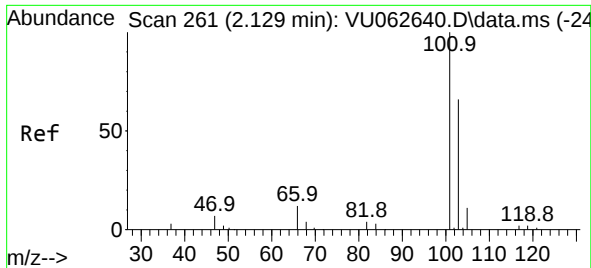
Tgt Ion: 62 Resp: 1388
 Ion Ratio Lower Upper
 62 100
 64 35.7 23.1 42.9



#6
 Bromomethane
 Concen: 0.168 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VU062643.D
 Acq: 31 Dec 2024 13:32

Tgt Ion: 94 Resp: 848
 Ion Ratio Lower Upper
 94 100
 96 89.8 64.5 119.9

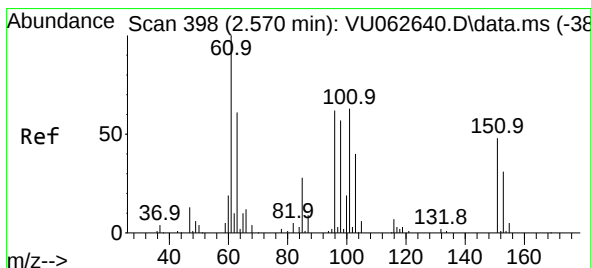
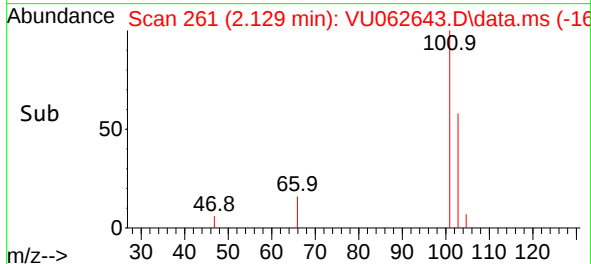
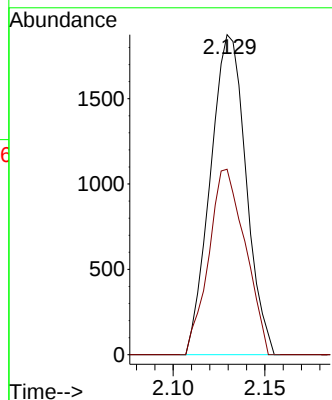
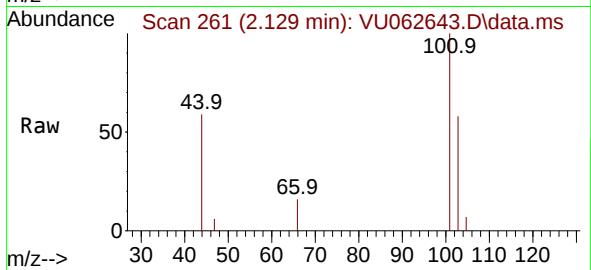




#9
Trichlorofluoromethane
Concen: 0.193 ug/L
RT: 2.129 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

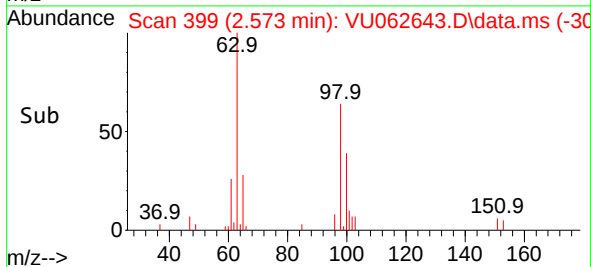
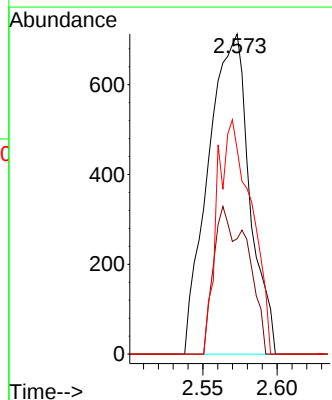
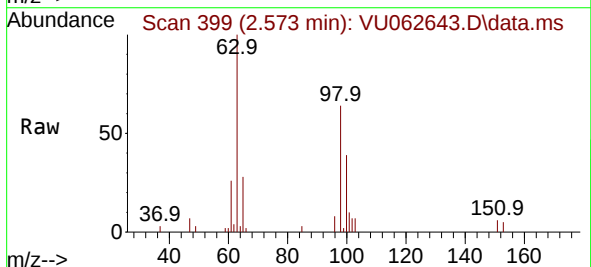
Instrument :
MSVOA_U
ClientSampleId :

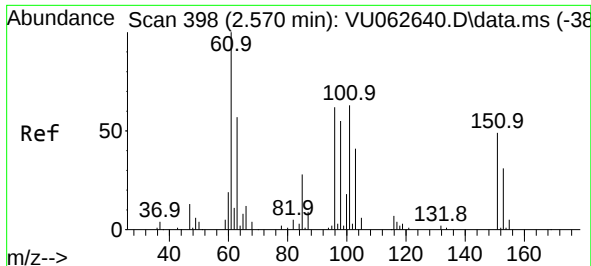
Tgt Ion:101 Resp: 2536
Ion Ratio Lower Upper
101 100
103 59.4 50.6 75.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.194 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

Tgt Ion:101 Resp: 1385
Ion Ratio Lower Upper
101 100
85 37.3 38.0 57.0#
151 60.0 55.3 82.9





#12

1,1-Dichloroethene

Concen: 0.210 ug/L

RT: 2.563 min Scan# 398

Delta R.T. -0.006 min

Lab File: VU062643.D

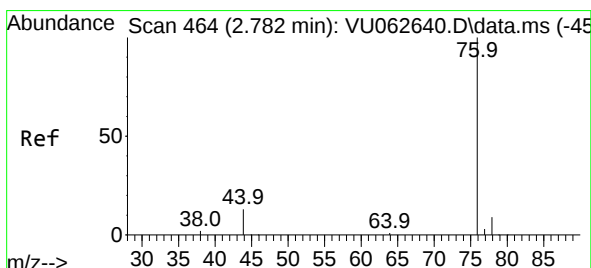
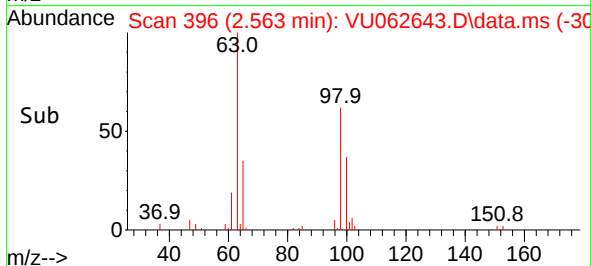
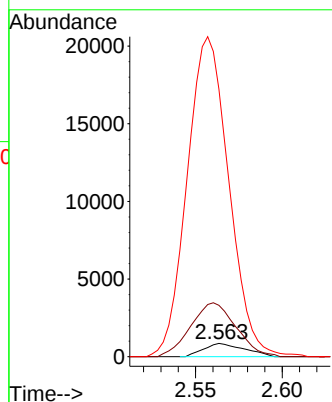
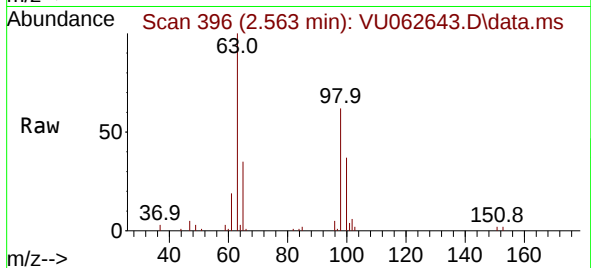
Acq: 31 Dec 2024 13:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1400
 Ion Ratio Lower Upper
 96 100
 61 388.0 119.6 222.2#
 63 2020.2 65.0 120.6#



#14

Carbon disulfide

Concen: 0.126 ug/L

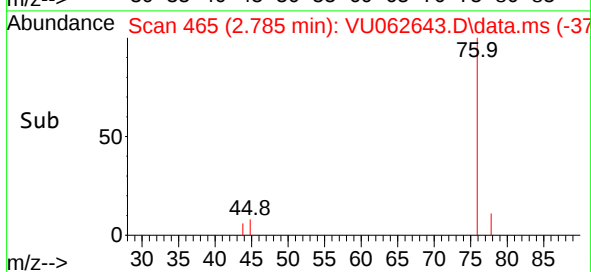
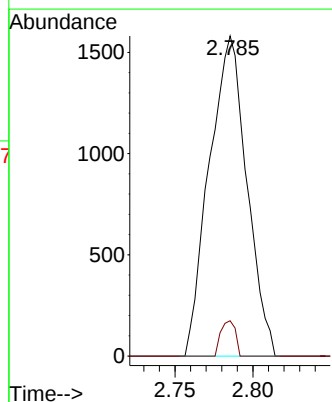
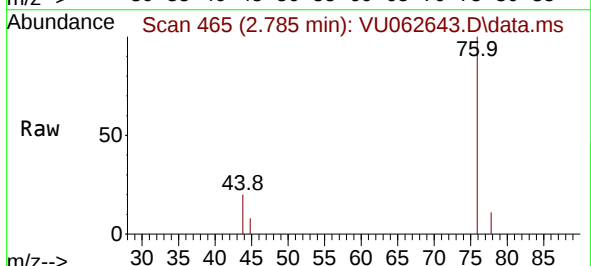
RT: 2.785 min Scan# 465

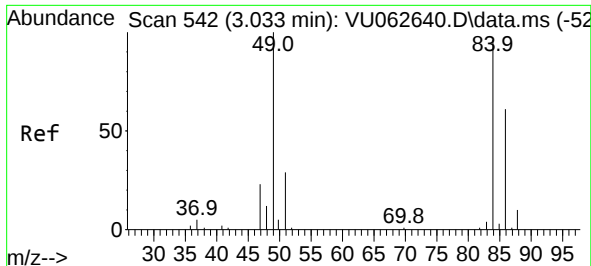
Delta R.T. 0.003 min

Lab File: VU062643.D

Acq: 31 Dec 2024 13:32

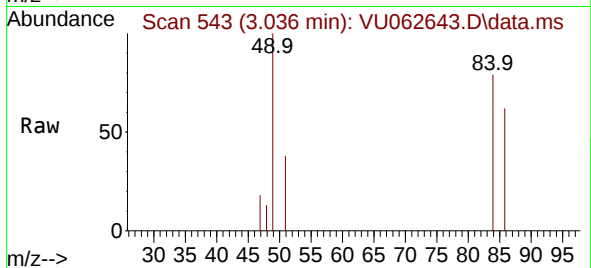
Tgt Ion: 76 Resp: 2652
 Ion Ratio Lower Upper
 76 100
 78 11.0 7.5 11.3





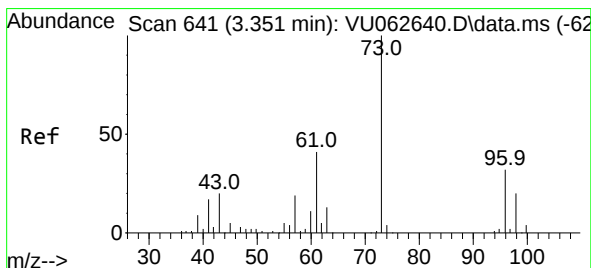
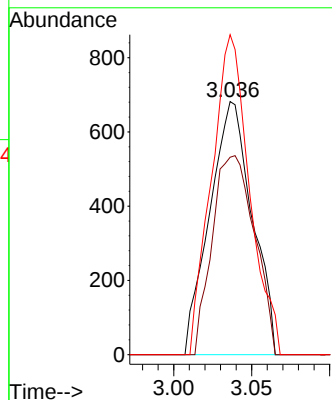
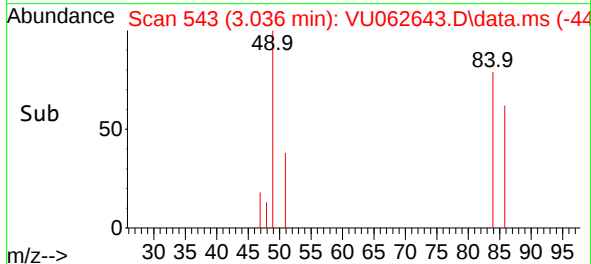
#16
Methylene chloride
Concen: 0.184 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

Instrument :
MSVOA_U
ClientSampleId :

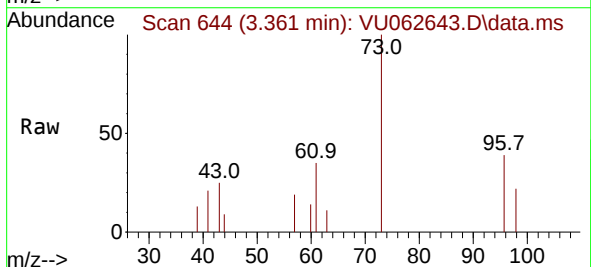


Tgt Ion: 84 Resp: 1291

Ion	Ratio	Lower	Upper
84	100		
86	78.0	43.5	80.7
49	126.4	81.9	152.1

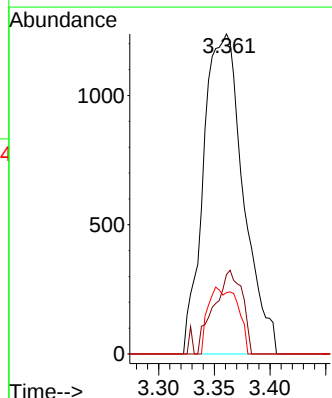
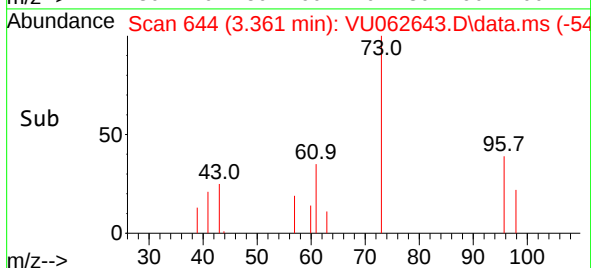


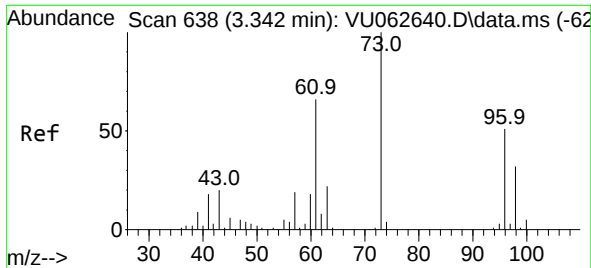
#17
Methyl tert-butyl Ether
Concen: 0.185 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.010 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32



Tgt Ion: 73 Resp: 3077

Ion	Ratio	Lower	Upper
73	100		
43	18.6	16.3	24.5
57	8.2	17.1	25.7

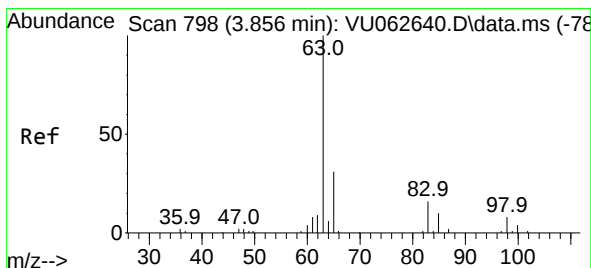
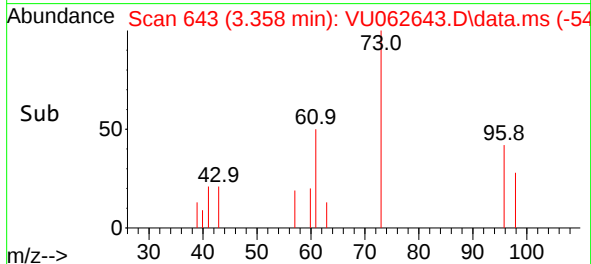
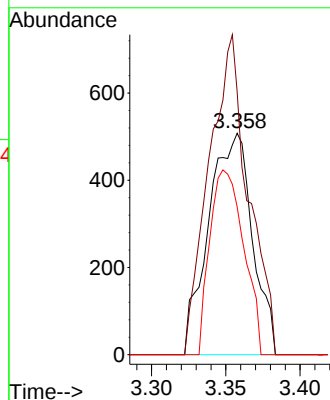
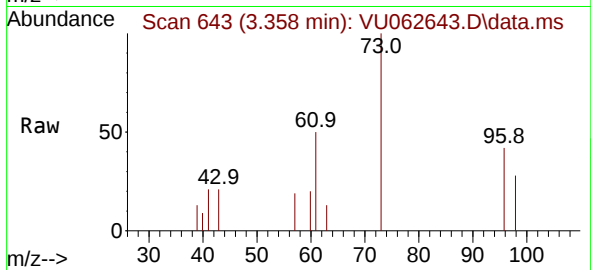




#18
trans-1,2-Dichloroethene
Concen: 0.152 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.016 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

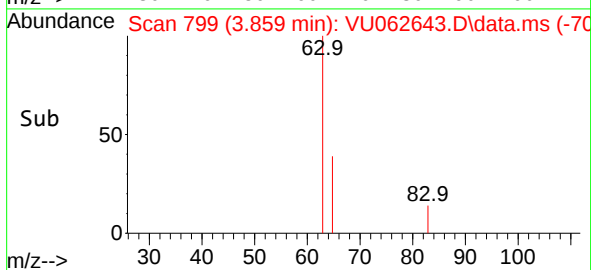
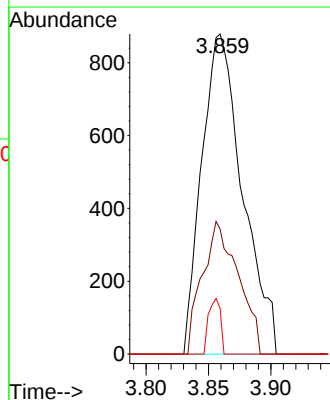
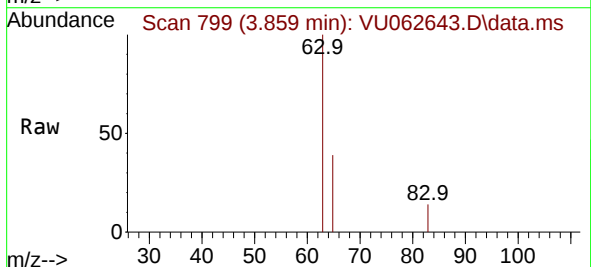
Instrument :
MSVOA_U
ClientSampleId :

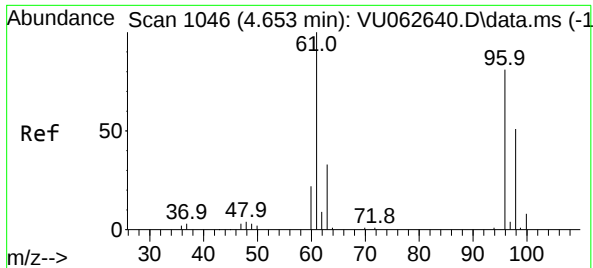
Tgt Ion: 96 Resp: 1042
Ion Ratio Lower Upper
96 100
61 118.7 104.2 193.4
98 66.7 45.7 84.9



#19
1,1-Dichloroethane
Concen: 0.159 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.003 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

Tgt Ion: 63 Resp: 2001
Ion Ratio Lower Upper
63 100
65 39.1 22.7 42.3
83 14.3 9.9 18.3



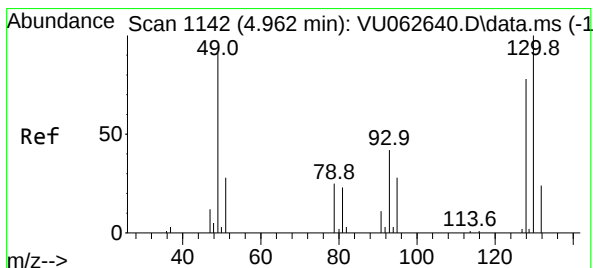
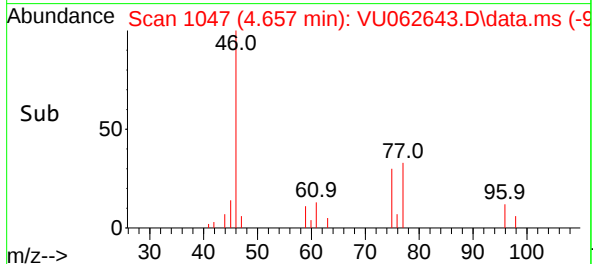
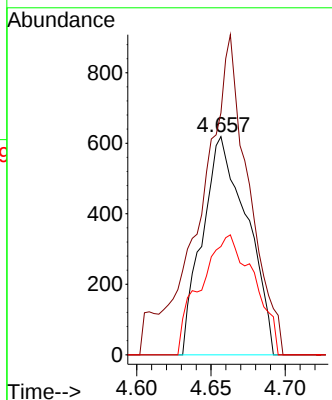
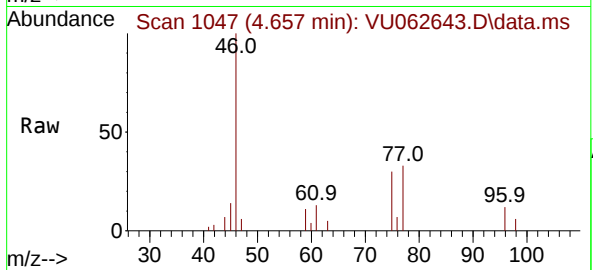


#22
 cis-1,2-Dichloroethene
 Concen: 0.168 ug/L
 RT: 4.657 min Scan# 1104
 Delta R.T. 0.003 min
 Lab File: VU062643.D
 Acq: 31 Dec 2024 13:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 1292

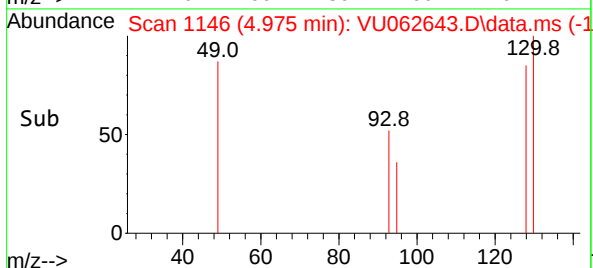
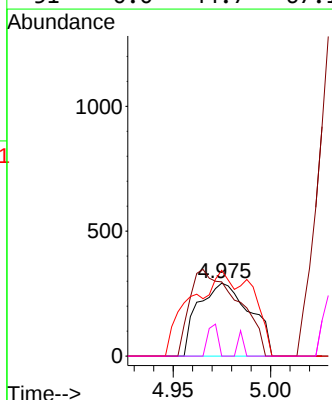
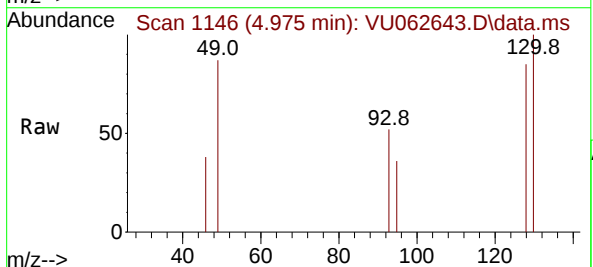
Ion	Ratio	Lower	Upper
96	100		
61	110.8	92.0	170.8
98	49.6	44.5	82.7

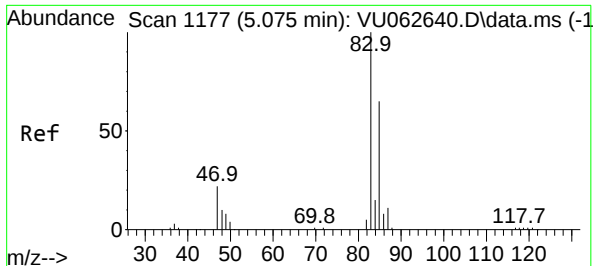


#23
 Bromochloromethane
 Concen: 0.160 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.013 min
 Lab File: VU062643.D
 Acq: 31 Dec 2024 13:32

Tgt Ion: 128 Resp: 538

Ion	Ratio	Lower	Upper
128	100		
49	101.7	115.3	214.1#
130	117.5	92.0	170.8
51	0.0	44.7	67.1#





#25

Chloroform

Concen: 0.216 ug/L

RT: 5.071 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU062643.D

Acq: 31 Dec 2024 13:32

Instrument :

MSVOA_U

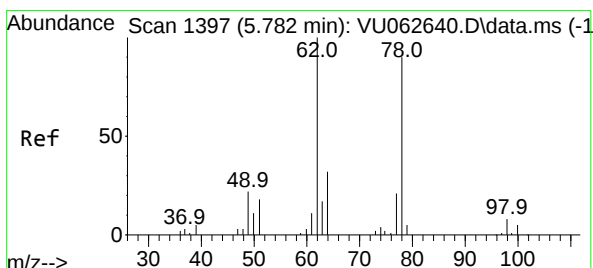
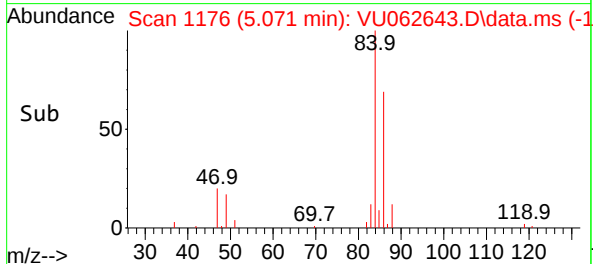
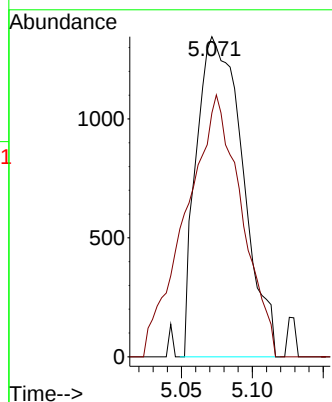
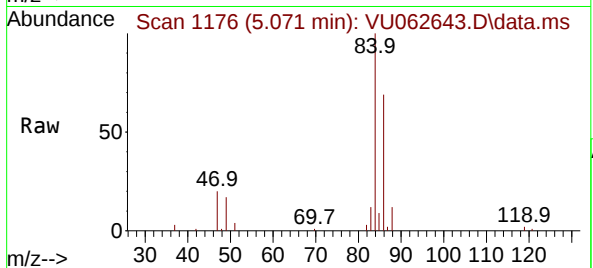
ClientSampleId :

Tgt Ion: 83 Resp: 3057

Ion Ratio Lower Upper

83 100

85 76.2 45.4 84.2



#27

1,2-Dichloroethane

Concen: 0.179 ug/L

RT: 5.804 min Scan# 1404

Delta R.T. 0.023 min

Lab File: VU062643.D

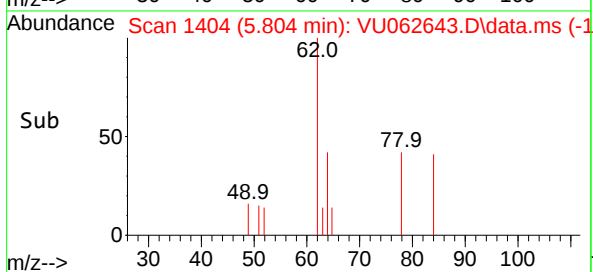
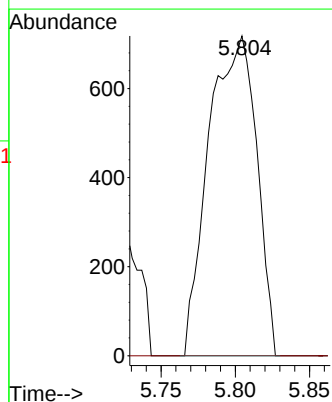
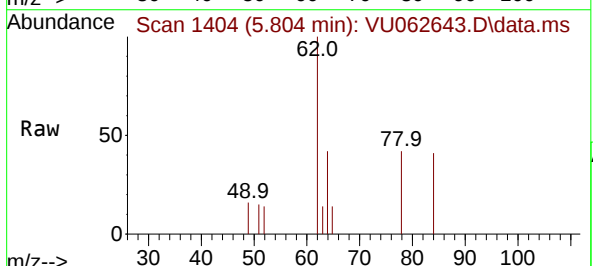
Acq: 31 Dec 2024 13:32

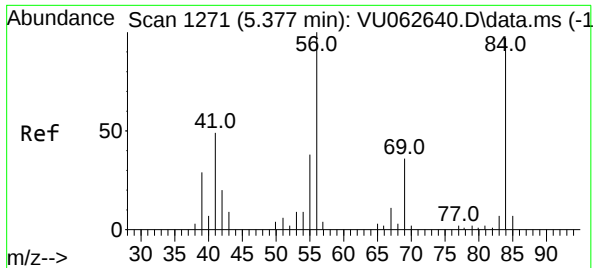
Tgt Ion: 62 Resp: 1609

Ion Ratio Lower Upper

62 100

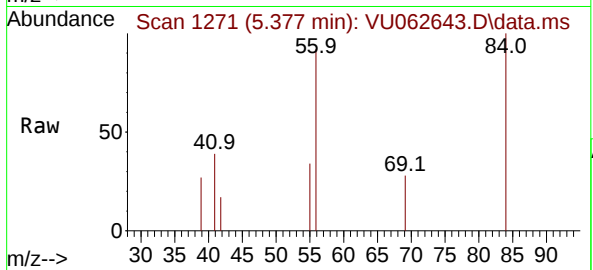
98 0.0 7.4 11.0#



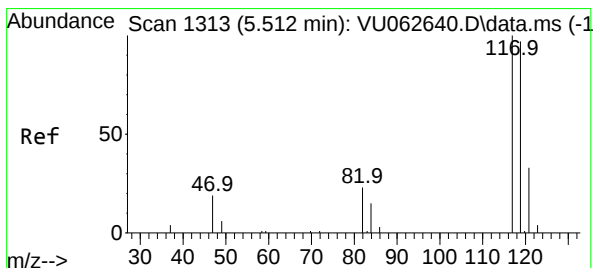
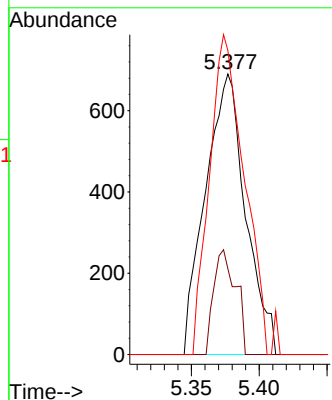
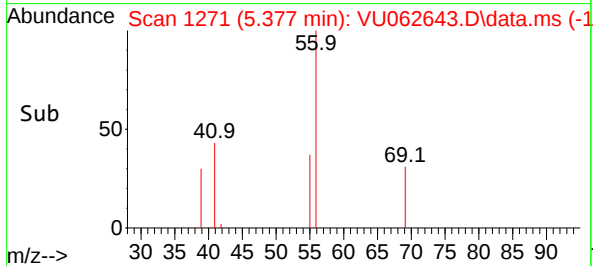


#30
Cyclohexane
Concen: 0.135 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

Instrument :
MSVOA_U
ClientSampleId :

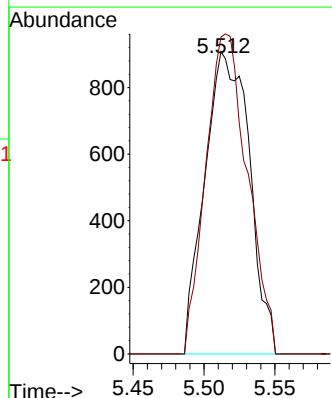
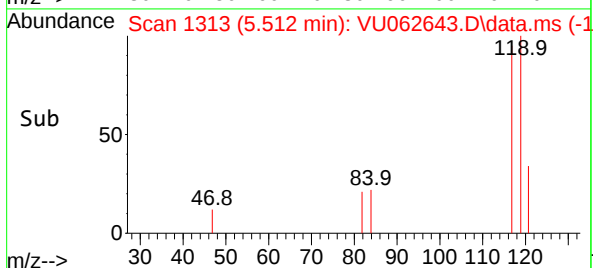
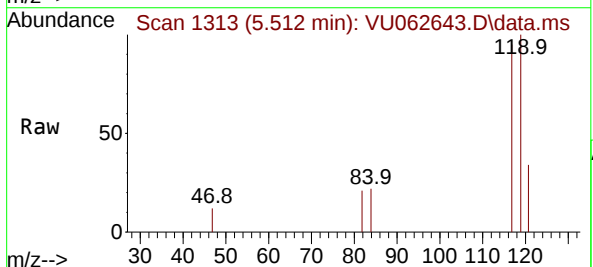


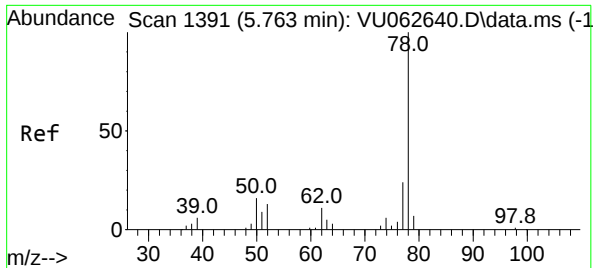
Tgt Ion: 56 Resp: 1422
Ion Ratio Lower Upper
56 100
69 20.4 25.1 37.7#
84 98.3 70.6 105.8



#31
Carbon tetrachloride
Concen: 0.167 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

Tgt Ion: 117 Resp: 1994
Ion Ratio Lower Upper
117 100
119 98.7 77.5 116.3

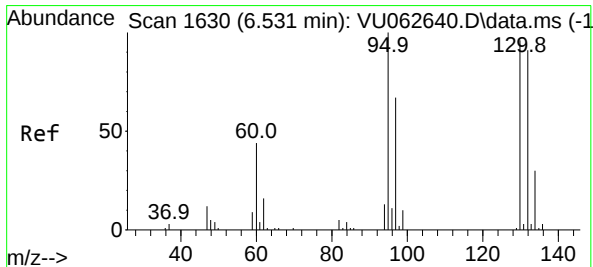
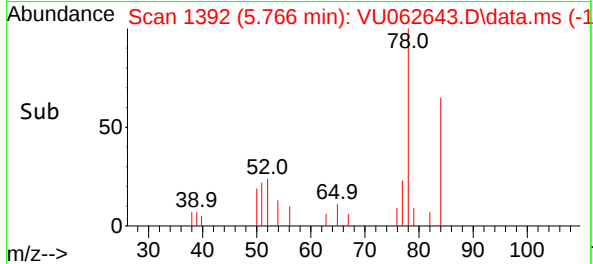
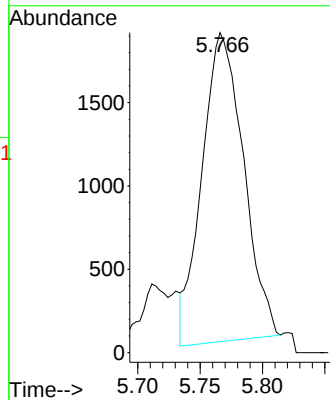
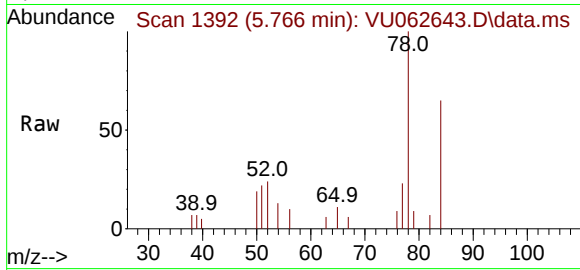




#33
Benzene
Concen: 0.150 ug/L
RT: 5.766 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

Instrument :
MSVOA_U
ClientSampleId :

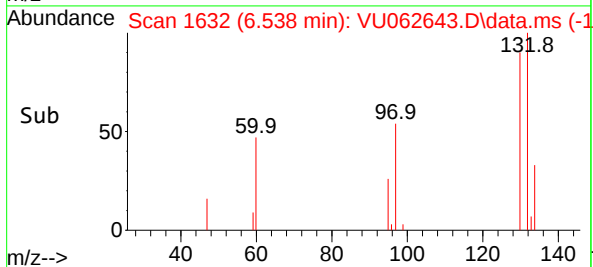
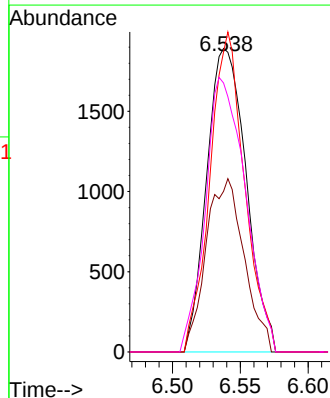
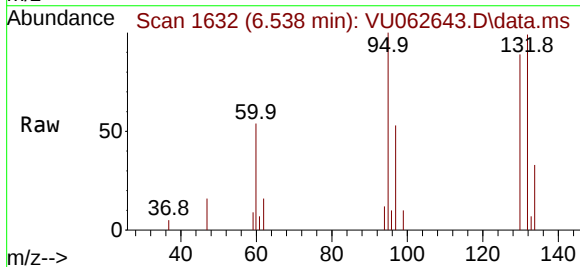
Tgt Ion: 78 Resp: 4296

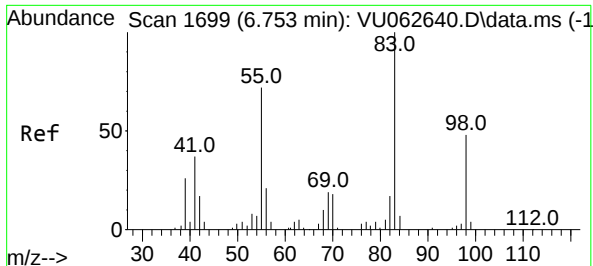


#34
Trichloroethene
Concen: 0.470 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

Tgt Ion: 95 Resp: 3826

Ion	Ratio	Lower	Upper
95	100		
97	52.9	45.9	85.3
132	98.8	63.8	118.4
130	88.6	65.5	121.7

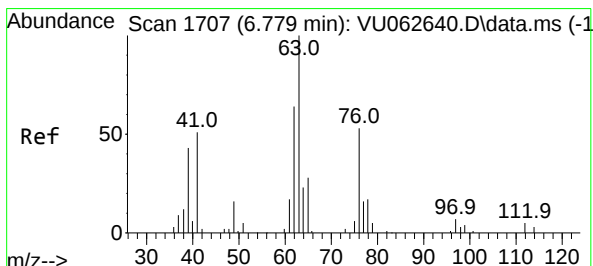
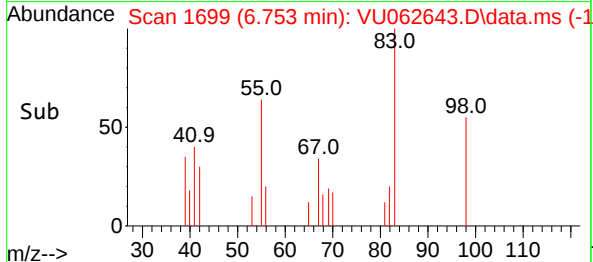
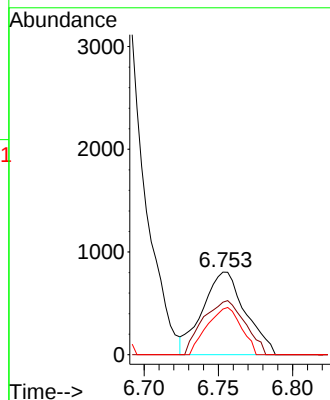
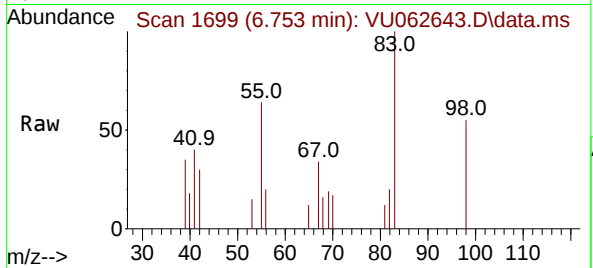




#35
Methylcyclohexane
Concen: 0.134 ug/L
RT: 6.753 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

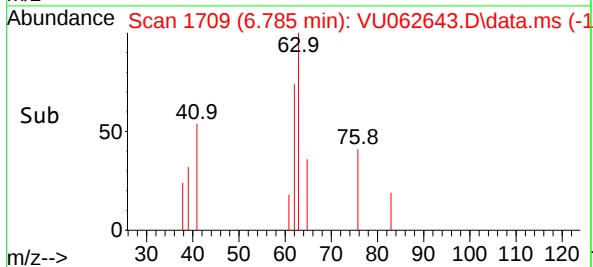
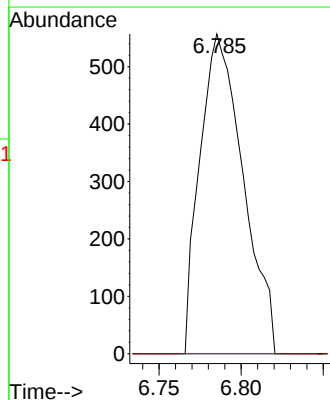
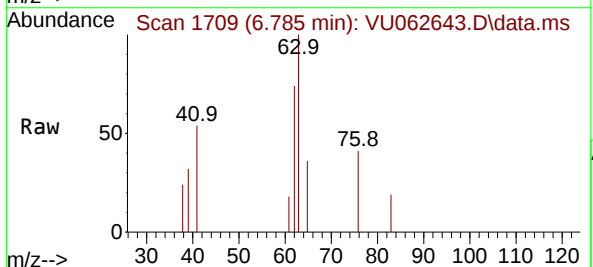
Instrument :
MSVOA_U
ClientSampleId :

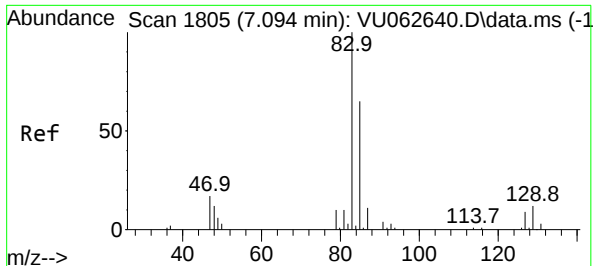
Tgt Ion: 83 Resp: 1611
Ion Ratio Lower Upper
83 100
55 64.2 60.7 91.1
98 45.5 34.8 52.2



#37
1,2-Dichloropropane
Concen: 0.146 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.006 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

Tgt Ion: 63 Resp: 1020
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#38

Bromodichloromethane

Concen: 0.177 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU062643.D

Acq: 31 Dec 2024 13:32

Instrument :

MSVOA_U

ClientSampleId :

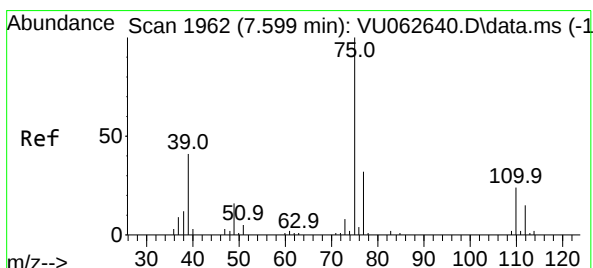
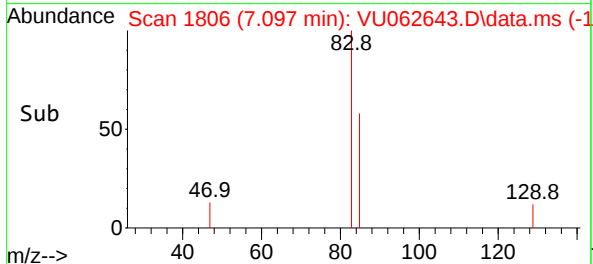
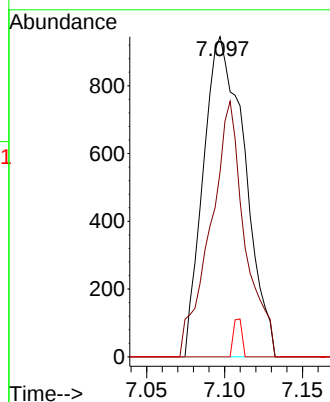
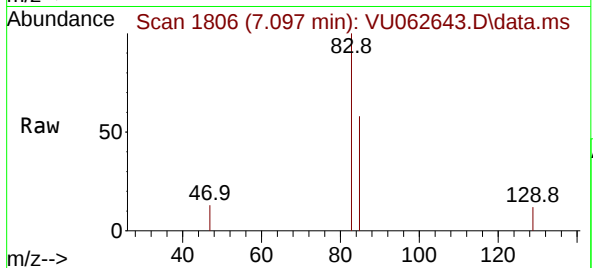
Tgt Ion: 83 Resp: 1746

Ion Ratio Lower Upper

83 100

85 57.7 44.1 81.9

127 0.0 6.9 10.3#



#39

cis-1,3-Dichloropropene

Concen: 0.174 ug/L

RT: 7.611 min Scan# 1966

Delta R.T. 0.013 min

Lab File: VU062643.D

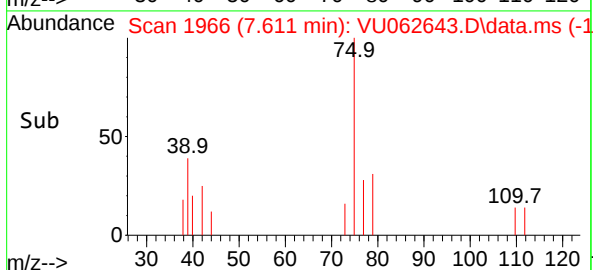
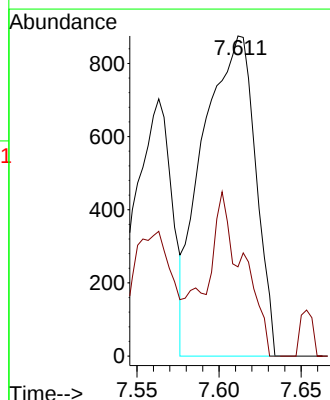
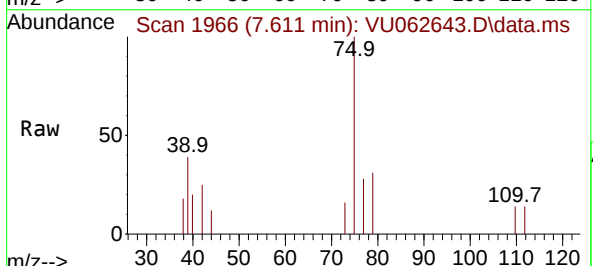
Acq: 31 Dec 2024 13:32

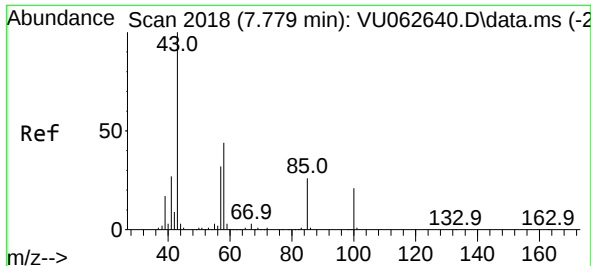
Tgt Ion: 75 Resp: 1952

Ion Ratio Lower Upper

75 100

77 27.9 22.3 41.3





#40

4-Methyl-2-pentanone

Concen: 1.615 ug/L

RT: 7.788 min Scan# 2018

Delta R.T. 0.010 min

Lab File: VU062643.D

Acq: 31 Dec 2024 13:32

Instrument :

MSVOA_U

ClientSampleId :

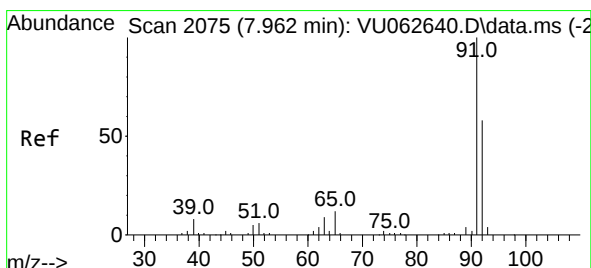
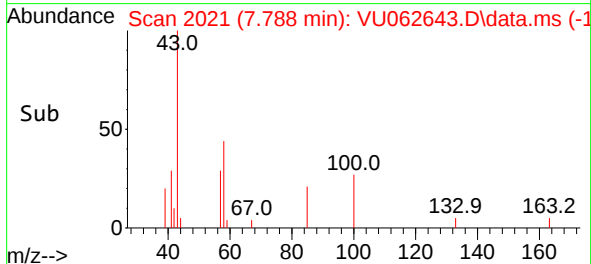
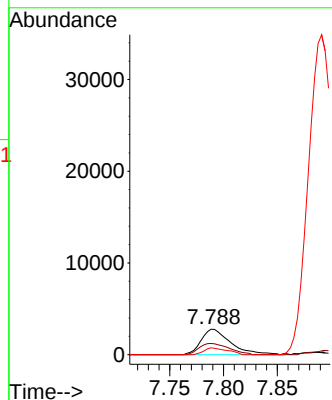
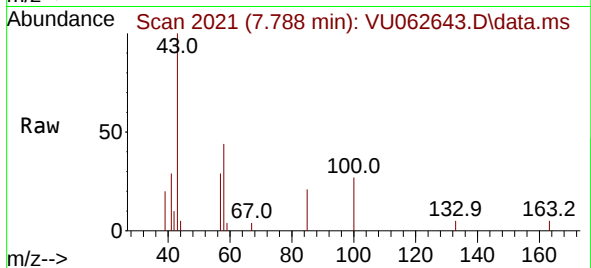
Tgt Ion: 43 Resp: 5292

Ion Ratio Lower Upper

43 100

58 45.0 33.3 49.9

100 0.0 12.4 18.6#



#42

Toluene

Concen: 0.163 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.006 min

Lab File: VU062643.D

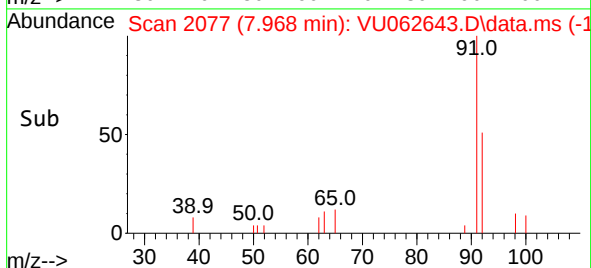
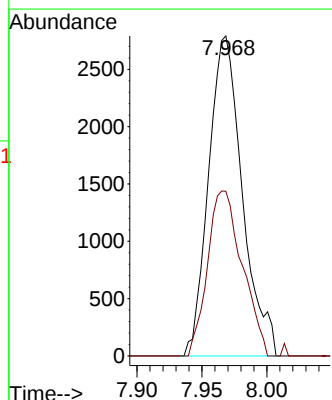
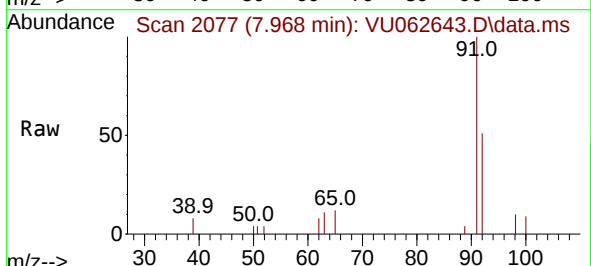
Acq: 31 Dec 2024 13:32

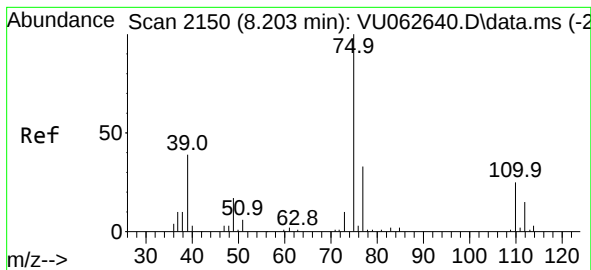
Tgt Ion: 91 Resp: 5040

Ion Ratio Lower Upper

91 100

92 51.5 39.0 72.4





#44

trans-1,3-Dichloropropene

Concen: 0.193 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU062643.D

Acq: 31 Dec 2024 13:32

Instrument :

MSVOA_U

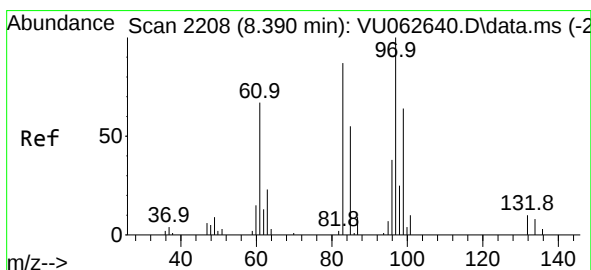
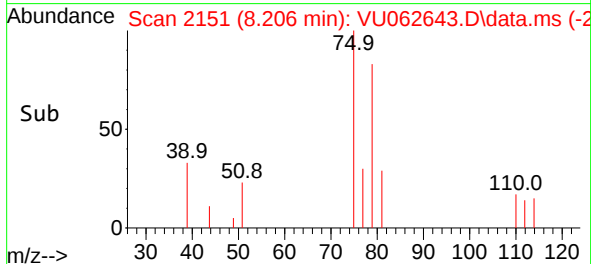
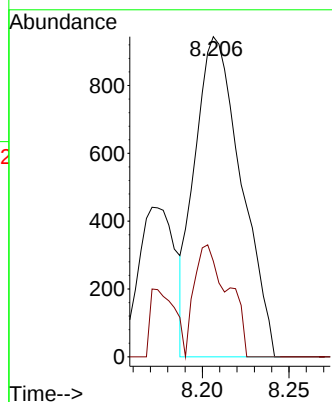
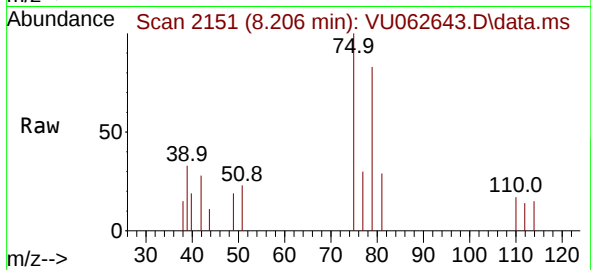
ClientSampleId :

Tgt Ion: 75 Resp: 1764

Ion Ratio Lower Upper

75 100

77 29.9 21.8 40.4



#45

1,1,2-Trichloroethane

Concen: 0.171 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VU062643.D

Acq: 31 Dec 2024 13:32

Tgt Ion: 97 Resp: 901

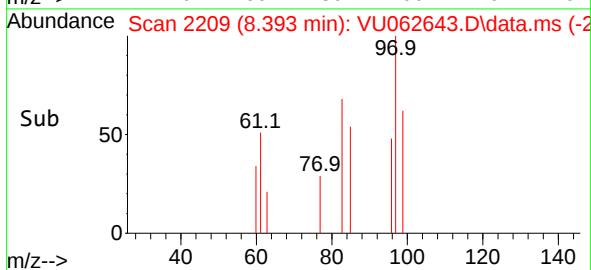
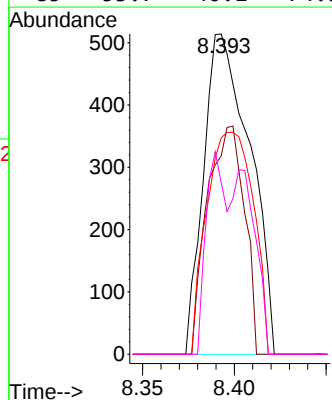
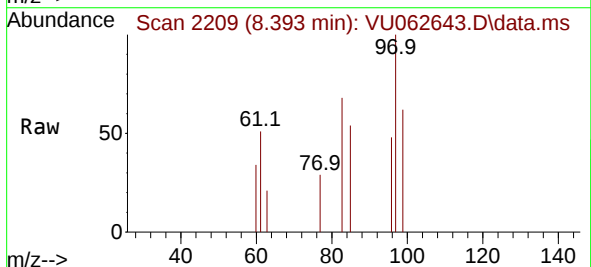
Ion Ratio Lower Upper

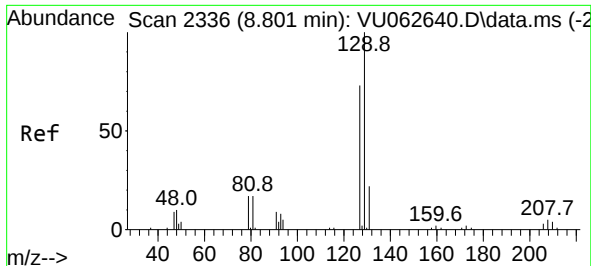
97 100

99 61.9 43.0 79.8

83 67.5 61.7 114.5

85 53.7 40.1 74.5

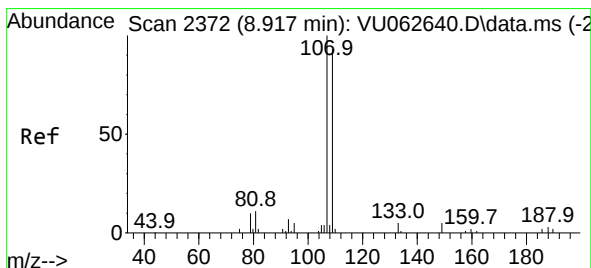
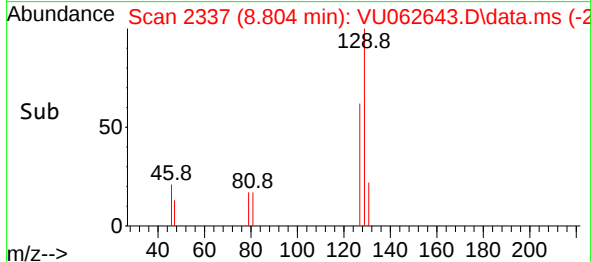
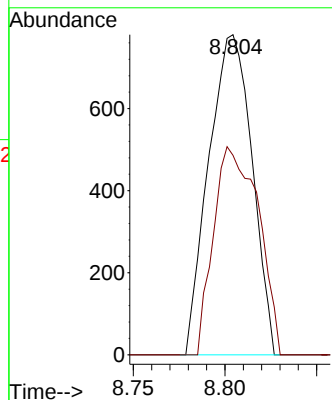
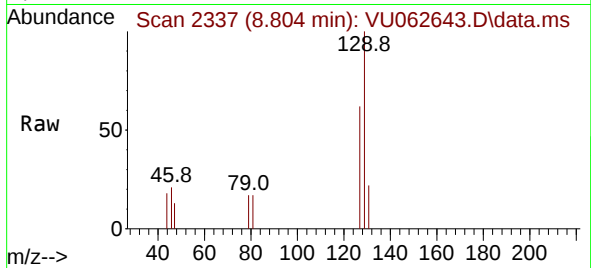




#49
Dibromochloromethane
Concen: 0.201 ug/L
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

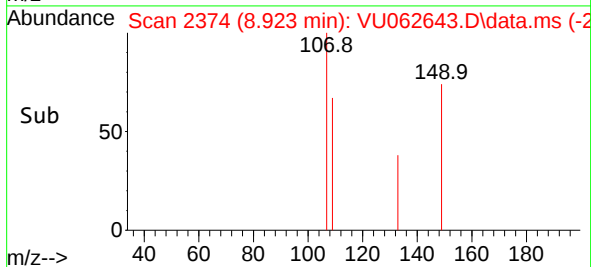
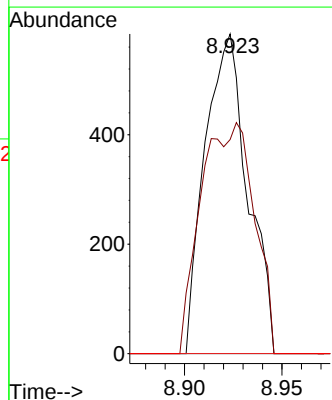
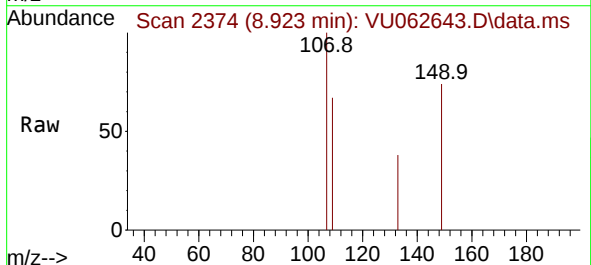
Instrument :
MSVOA_U
ClientSampleId :

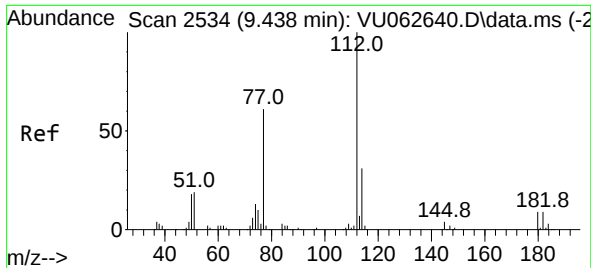
Tgt Ion:129 Resp: 1282
Ion Ratio Lower Upper
129 100
127 62.3 51.1 94.9



#50
1,2-Dibromoethane
Concen: 0.176 ug/L
RT: 8.923 min Scan# 2374
Delta R.T. 0.006 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

Tgt Ion:107 Resp: 892
Ion Ratio Lower Upper
107 100
109 67.0 66.8 124.2
188 0.0 2.3 3.5#

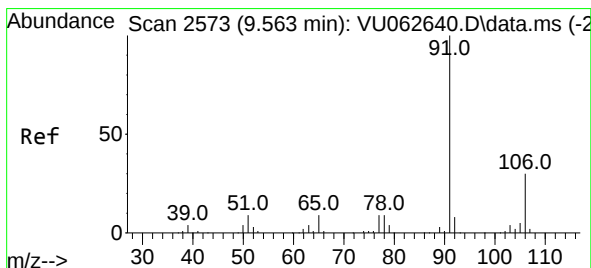
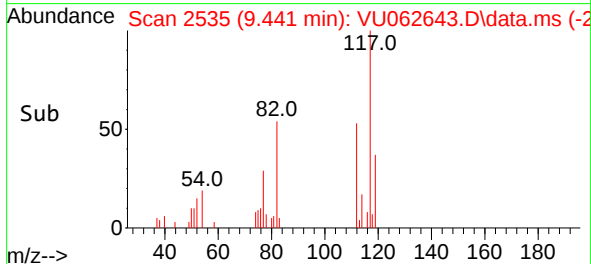
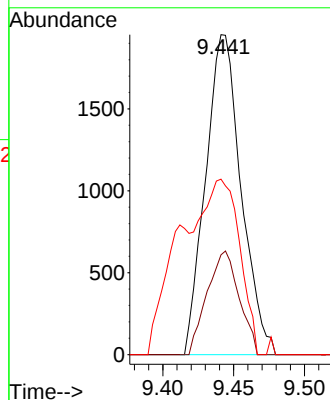
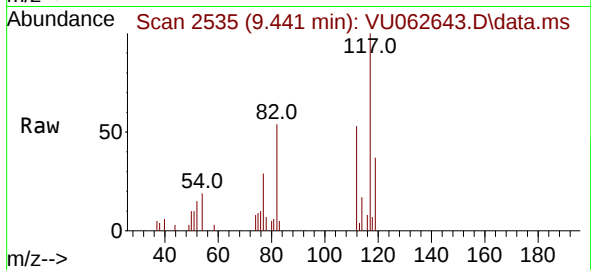




#51
Chlorobenzene
Concen: 0.172 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

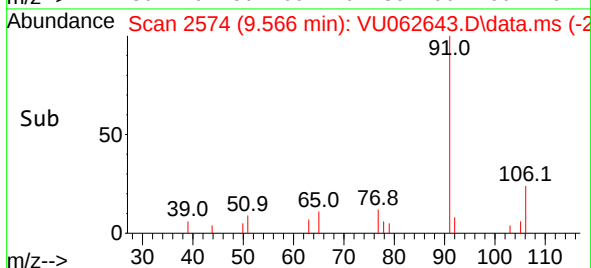
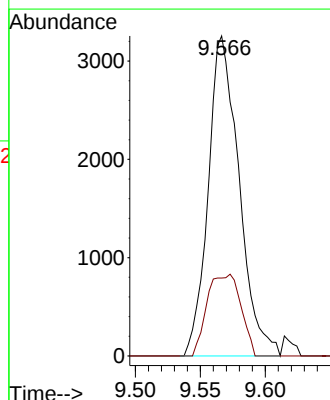
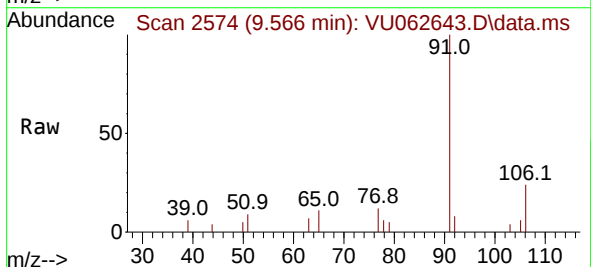
Instrument :
MSVOA_U
ClientSampleId :

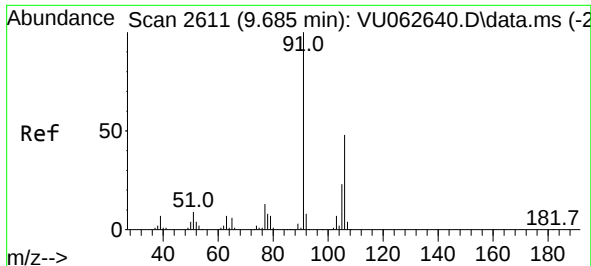
Tgt Ion:112 Resp: 3404
Ion Ratio Lower Upper
112 100
114 31.2 23.0 42.6
77 54.8 50.5 75.7



#52
Ethylbenzene
Concen: 0.155 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

Tgt Ion: 91 Resp: 5381
Ion Ratio Lower Upper
91 100
106 24.3 21.6 40.0

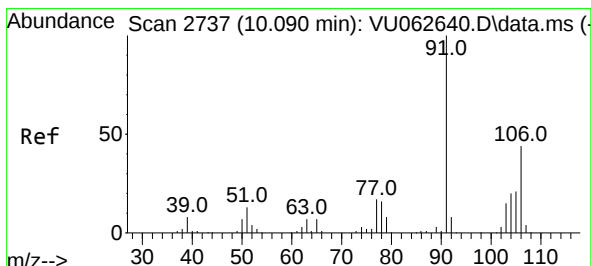
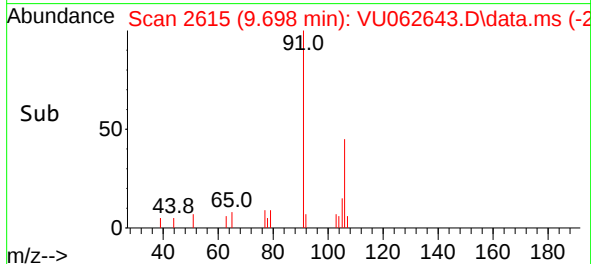
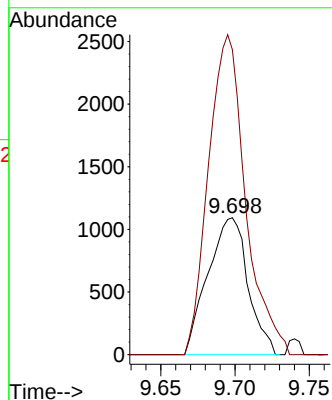
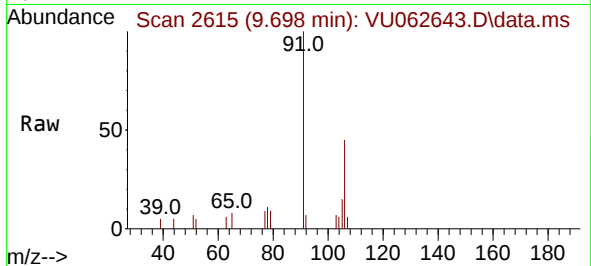




#53
m,p-Xylene
Concen: 0.160 ug/L
RT: 9.698 min Scan# 2052
Delta R.T. 0.013 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

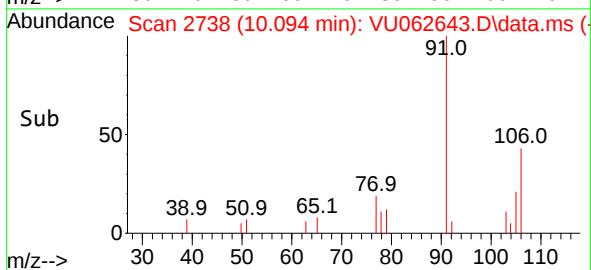
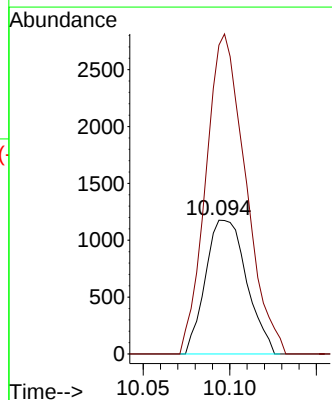
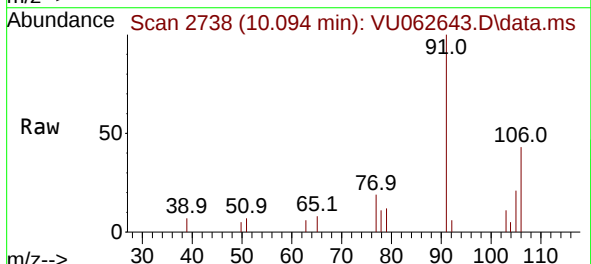
Instrument :
MSVOA_U
ClientSampleId :

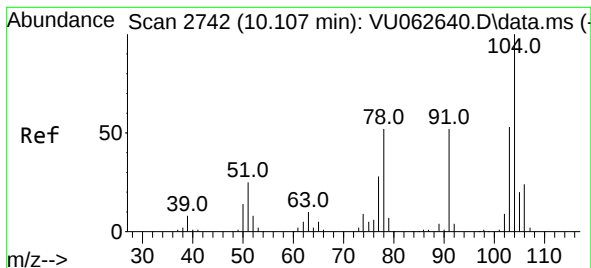
Tgt Ion:106 Resp: 2052
Ion Ratio Lower Upper
106 100
91 222.7 147.6 274.0



#54
o-Xylene
Concen: 0.155 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

Tgt Ion:106 Resp: 1937
Ion Ratio Lower Upper
106 100
91 230.9 159.8 296.8





#55

Styrene

Concen: 0.132 ug/L

RT: 10.119 min Scan# 21

Delta R.T. 0.013 min

Lab File: VU062643.D

Acq: 31 Dec 2024 13:32

Instrument :

MSVOA_U

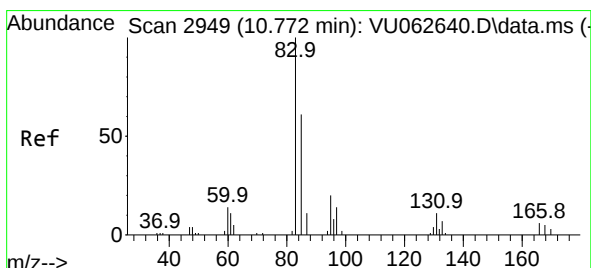
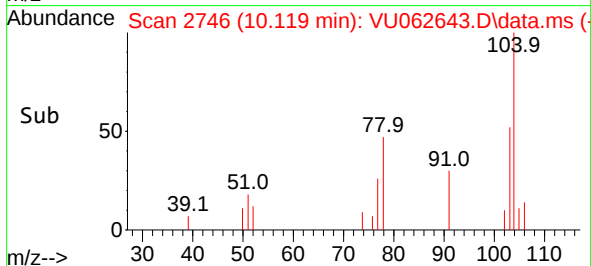
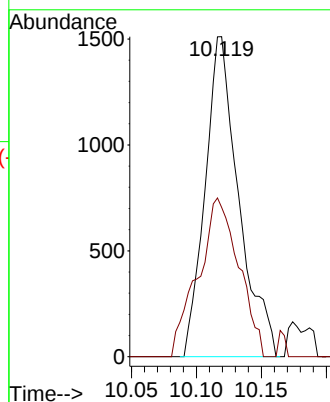
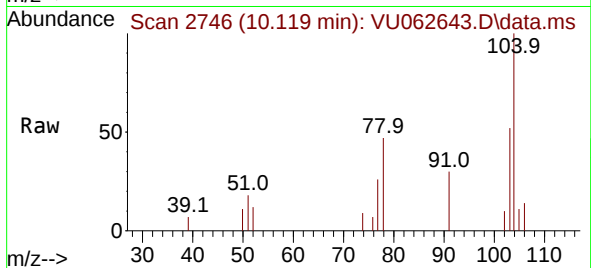
ClientSampleId :

Tgt Ion:104 Resp: 2719

Ion Ratio Lower Upper

104 100

78 46.7 33.2 61.7



#57

1,1,2,2-Tetrachloroethane

Concen: 0.183 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU062643.D

Acq: 31 Dec 2024 13:32

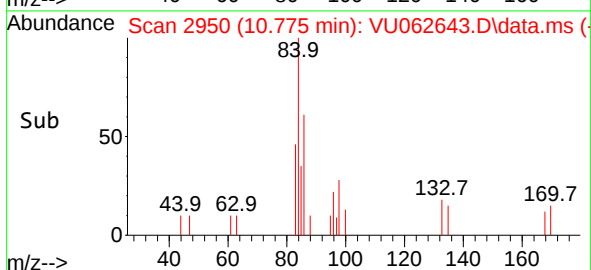
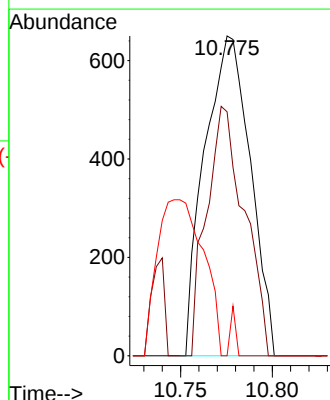
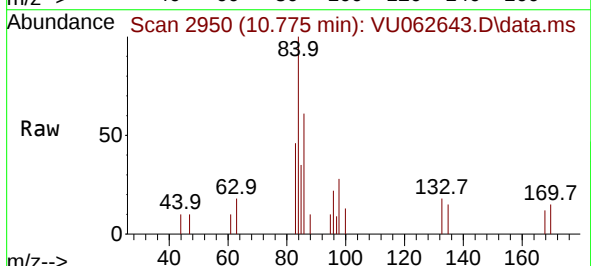
Tgt Ion: 83 Resp: 1125

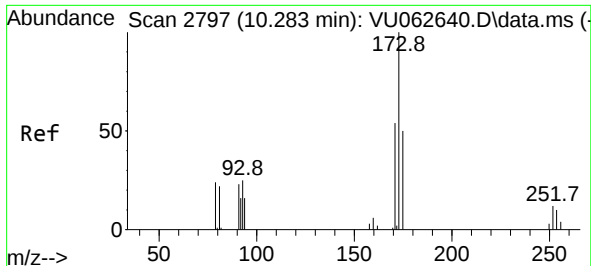
Ion Ratio Lower Upper

83 100

85 76.3 44.4 82.4

131 0.0 7.3 10.9#





#59

Bromoform

Concen: 0.167 ug/L

RT: 10.287 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU062643.D

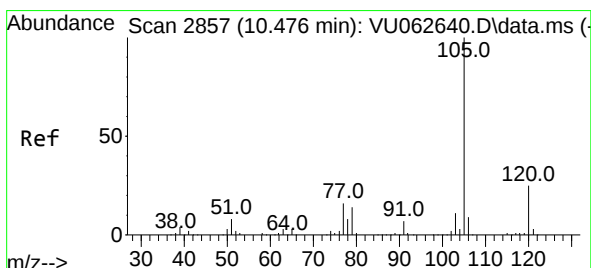
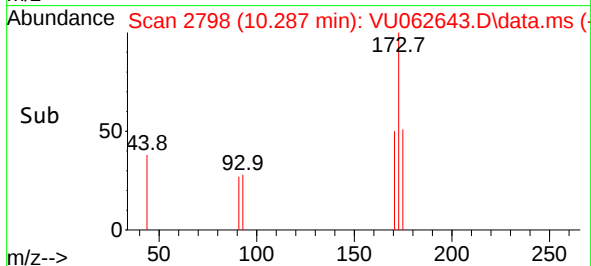
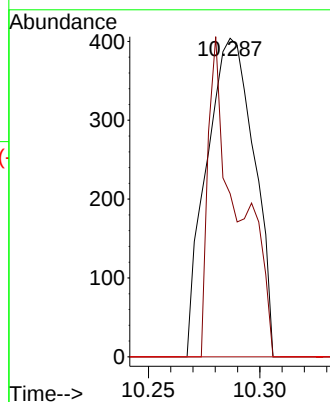
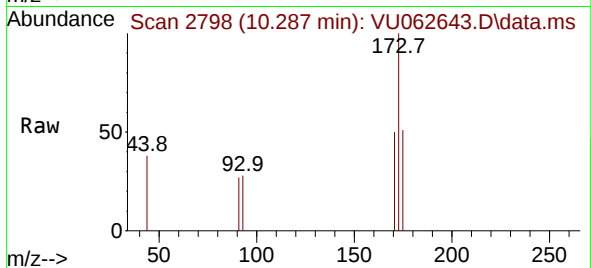
Acq: 31 Dec 2024 13:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	599
Ion Ratio	Lower	Upper
173	100	
175	62.4	39.0 58.4#
254	0.0	7.4 11.0#



#60

Isopropylbenzene

Concen: 0.169 ug/L

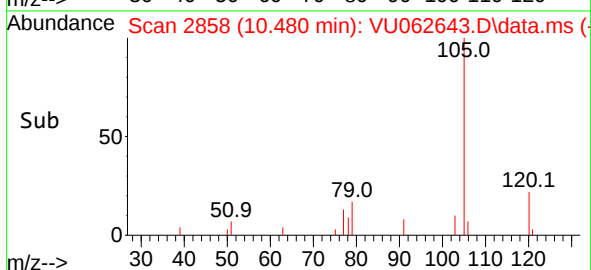
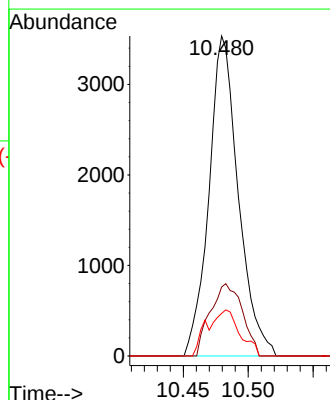
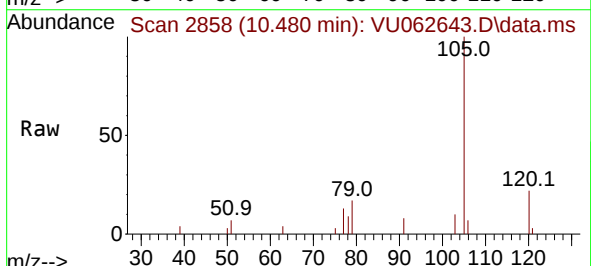
RT: 10.480 min Scan# 2858

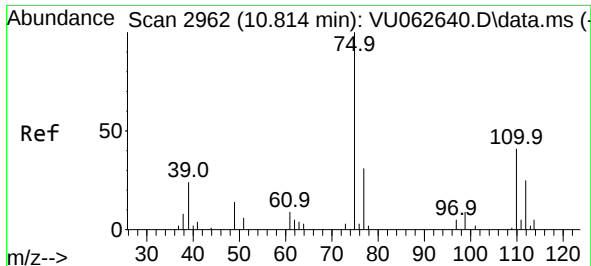
Delta R.T. 0.003 min

Lab File: VU062643.D

Acq: 31 Dec 2024 13:32

Tgt Ion:105	Resp:	5551
Ion Ratio	Lower	Upper
105	100	
120	24.7	20.6 31.0
77	12.3	13.0 19.6#

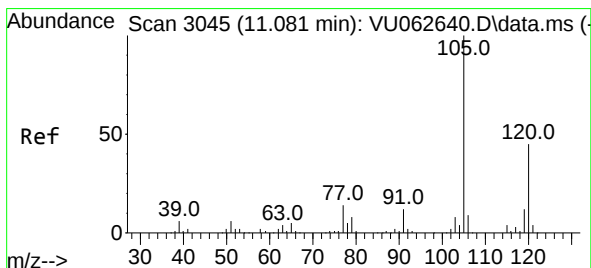
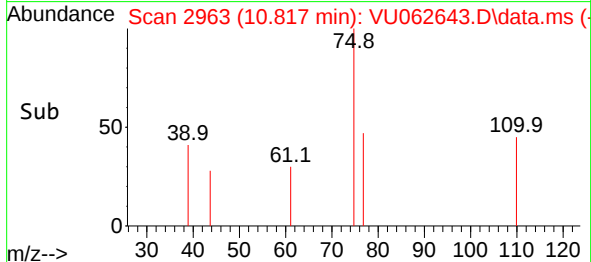
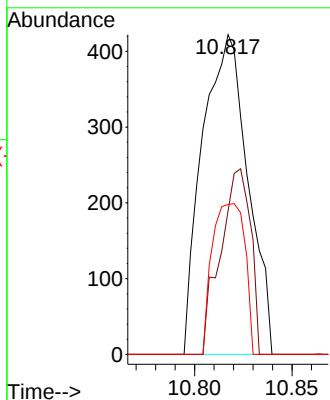
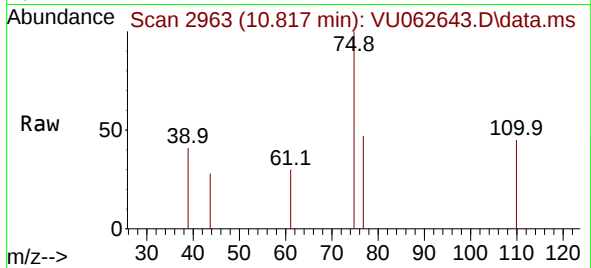




#61
 1,2,3-Trichloropropane
 Concen: 0.163 ug/L
 RT: 10.817 min Scan# 2963
 Delta R.T. 0.003 min
 Lab File: VU062643.D
 Acq: 31 Dec 2024 13:32

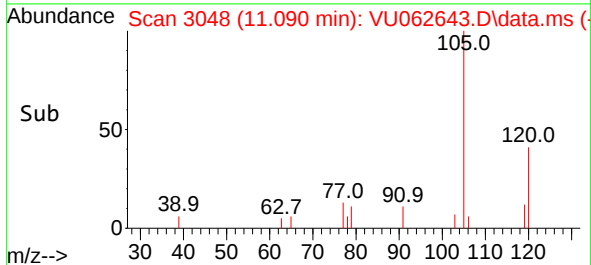
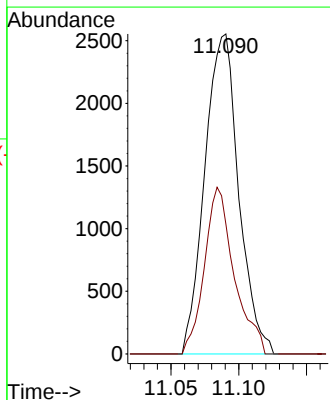
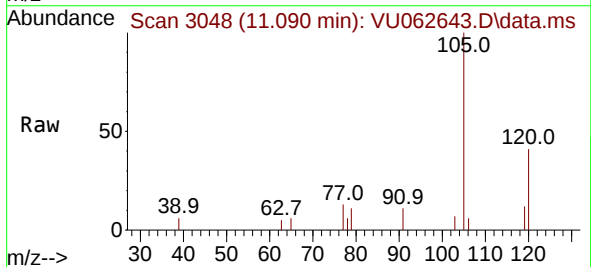
Instrument :
 MSVOA_U
 ClientSampleId :

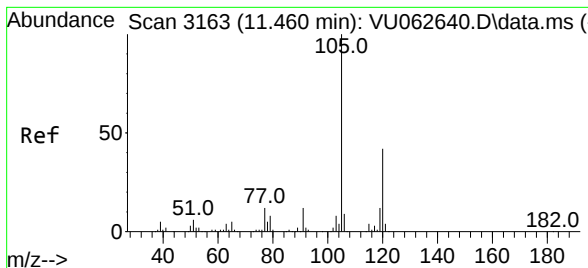
Tgt Ion: 75 Resp: 685
 Ion Ratio Lower Upper
 75 100
 110 38.5 28.9 43.3
 77 33.7 26.5 39.7



#62
 1,3,5-Trimethylbenzene
 Concen: 0.159 ug/L
 RT: 11.090 min Scan# 3048
 Delta R.T. 0.010 min
 Lab File: VU062643.D
 Acq: 31 Dec 2024 13:32

Tgt Ion: 105 Resp: 4443
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.7 55.1

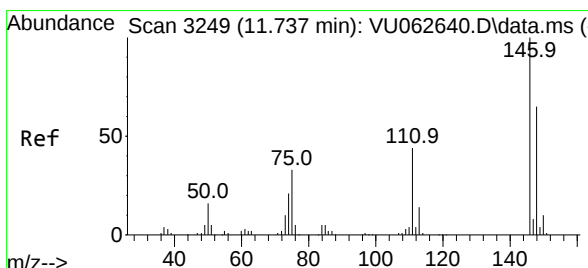
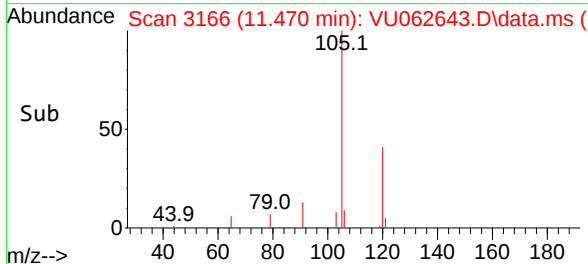
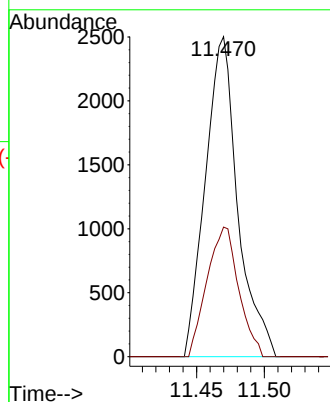
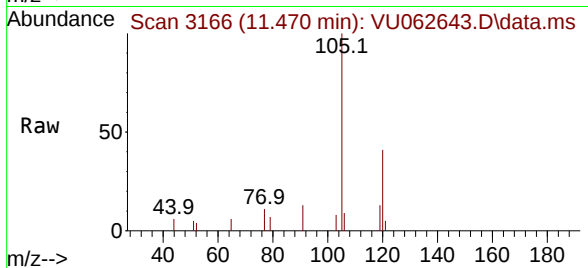




#63
1,2,4-Trimethylbenzene
Concen: 0.152 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.010 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

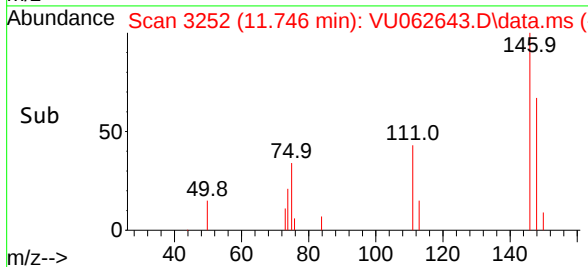
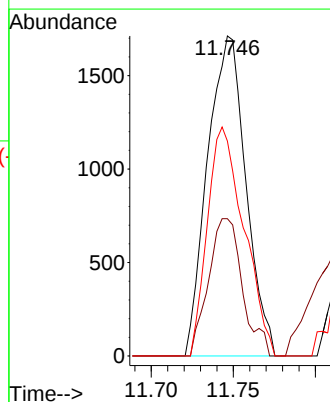
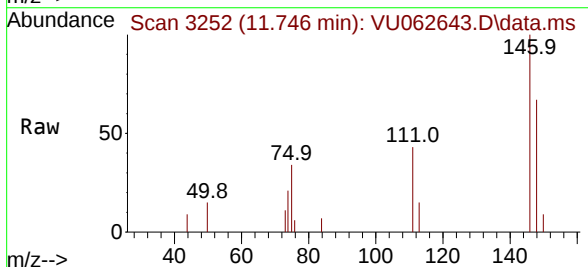
Instrument :
MSVOA_U
ClientSampleId :

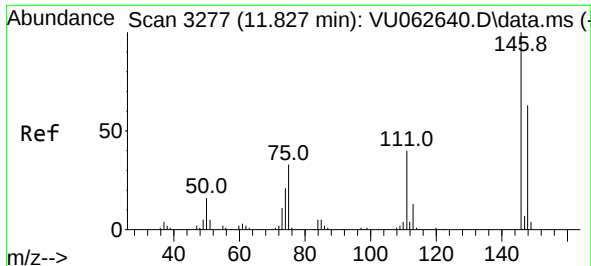
Tgt Ion:105 Resp: 4153
Ion Ratio Lower Upper
105 100
120 39.6 34.7 52.1



#64
1,3-Dichlorobenzene
Concen: 0.184 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.010 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

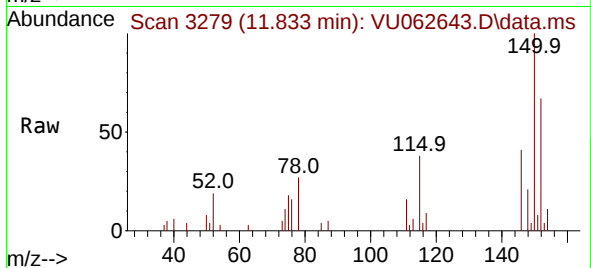
Tgt Ion:146 Resp: 2780
Ion Ratio Lower Upper
146 100
111 42.9 30.7 57.1
148 67.2 45.1 83.7



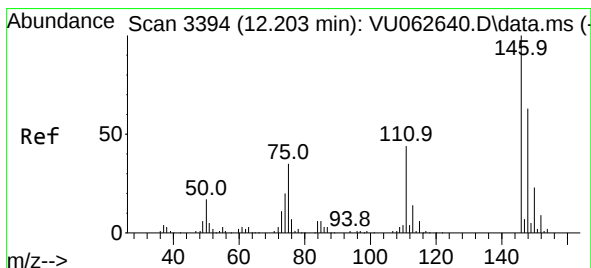
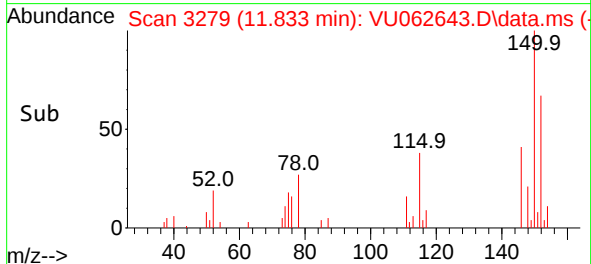
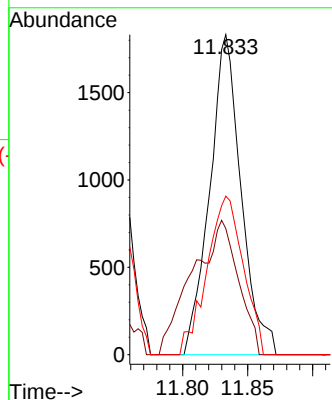


#65
1,4-Dichlorobenzene
Concen: 0.202 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

Instrument :
MSVOA_U
ClientSampleId :

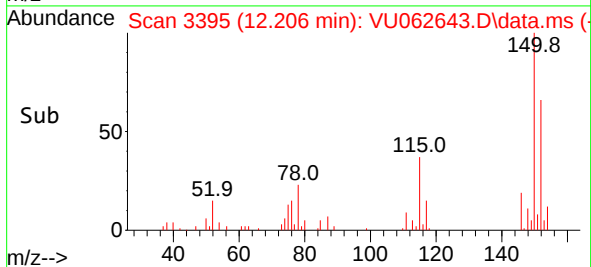
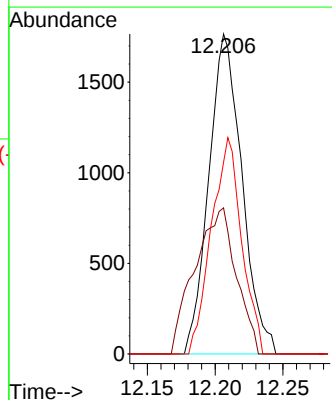
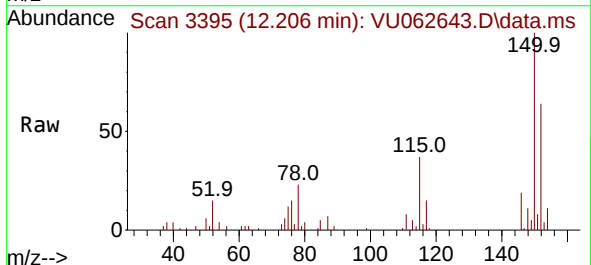


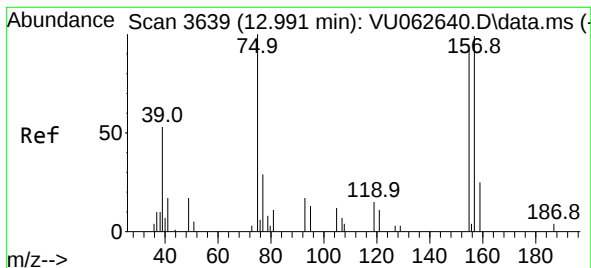
Tgt Ion:146 Resp: 3074
Ion Ratio Lower Upper
146 100
111 39.4 29.3 54.3
148 49.6 44.6 82.8



#67
1,2-Dichlorobenzene
Concen: 0.215 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU062643.D
Acq: 31 Dec 2024 13:32

Tgt Ion:146 Resp: 3004
Ion Ratio Lower Upper
146 100
111 45.6 36.0 54.0
148 59.9 52.3 78.5

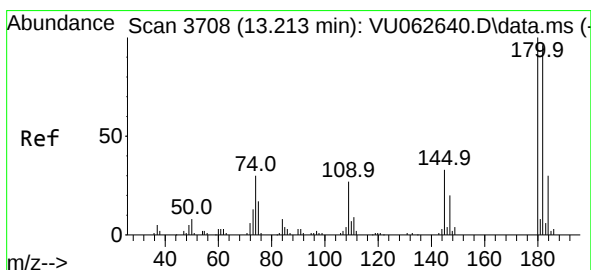
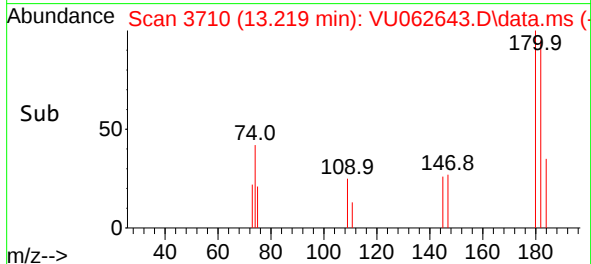
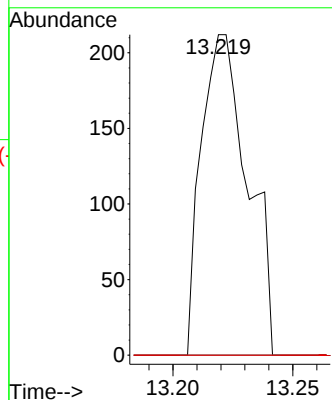
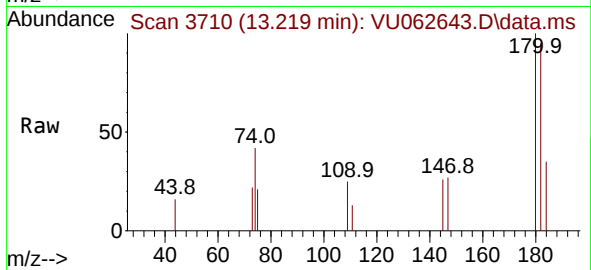




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.311 ug/L
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.228 min
 Lab File: VU062643.D
 Acq: 31 Dec 2024 13:32

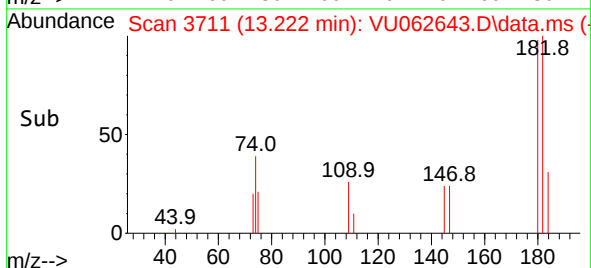
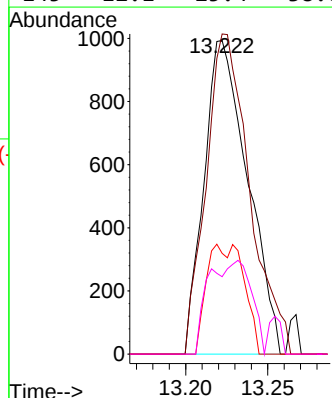
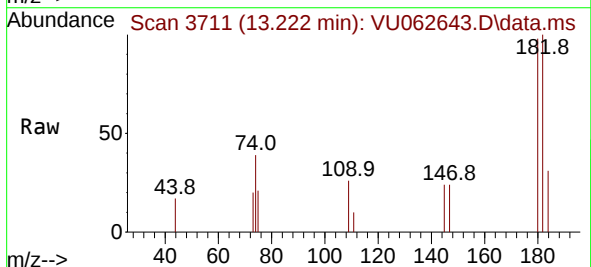
Instrument :
 MSVOA_U
 ClientSampleId :

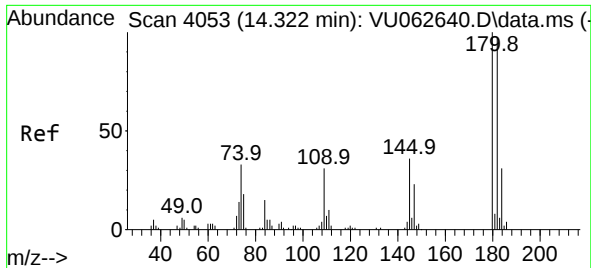
Tgt Ion: 75 Resp: 286
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.2 82.8#
 157 0.0 73.5 110.3#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.163 ug/L
 RT: 13.222 min Scan# 3711
 Delta R.T. 0.010 min
 Lab File: VU062643.D
 Acq: 31 Dec 2024 13:32

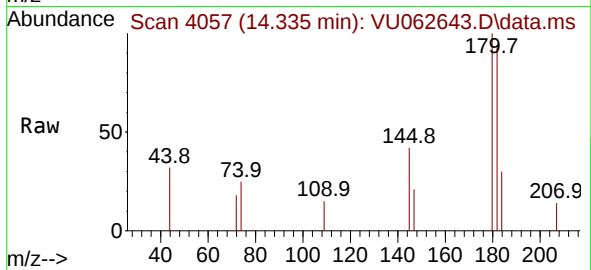
Tgt Ion: 180 Resp: 1834
 Ion Ratio Lower Upper
 180 100
 182 101.7 76.7 115.1
 184 17.4 24.8 37.2#
 145 12.1 25.4 38.0#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.152 ug/L
 RT: 14.335 min Scan# 4057
 Delta R.T. 0.013 min
 Lab File: VU062643.D
 Acq: 31 Dec 2024 13:32

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	1191
Ion	Ratio	Lower	Upper
180	100		
182	108.1	76.1	114.1
145	38.1	27.4	41.0

