

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062160.D
 Acq On : 09 Dec 2024 15:36
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 00:28:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 10 00:13:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	109906	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	102020	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52004	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36037	4.861	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.908	69	24406	4.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.560	65	17623	4.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	4.621	46	69519	48.932	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.860%
24) Chloroform-d	5.052	84	80740	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.692	65	40079	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.718	84	145408	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.682	67	42354	5.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.891	98	139604	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.174	79	19186	5.185	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.624	63	54761	49.050	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.100%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32976	5.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	49438	5.159	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52081	5.059	ug/L	99
3) Chloromethane	1.515	50	39261	4.865	ug/L	99
5) Vinyl chloride	1.599	62	41500	4.939	ug/L	99
6) Bromomethane	1.853	94	27336	4.881	ug/L	97
8) Chloroethane	1.927	64	21923	4.659	ug/L	96
9) Trichlorofluoromethane	2.133	101	73394	5.033	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	39939	5.032	ug/L	94
12) 1,1-Dichloroethene	2.573	96	36141	4.870	ug/L	90
13) Acetone	2.637	43	46148	47.706	ug/L	93
14) Carbon disulfide	2.785	76	114282	4.870	ug/L	100
15) Methyl Acetate	2.952	43	11270	4.649	ug/L	93
16) Methylene chloride	3.036	84	39515	5.073	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	91397	4.944	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	37853	4.965	ug/L	93
19) 1,1-Dichloroethane	3.859	63	68906	4.931	ug/L	98
21) 2-Butanone	4.702	43	70793	50.393	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	41700	4.879	ug/L	97
23) Bromochloromethane	4.968	128	19226	5.132	ug/L	# 83
25) Chloroform	5.078	83	79309	5.038	ug/L	100

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Quant Time: Dec 10 00:28:10 2024
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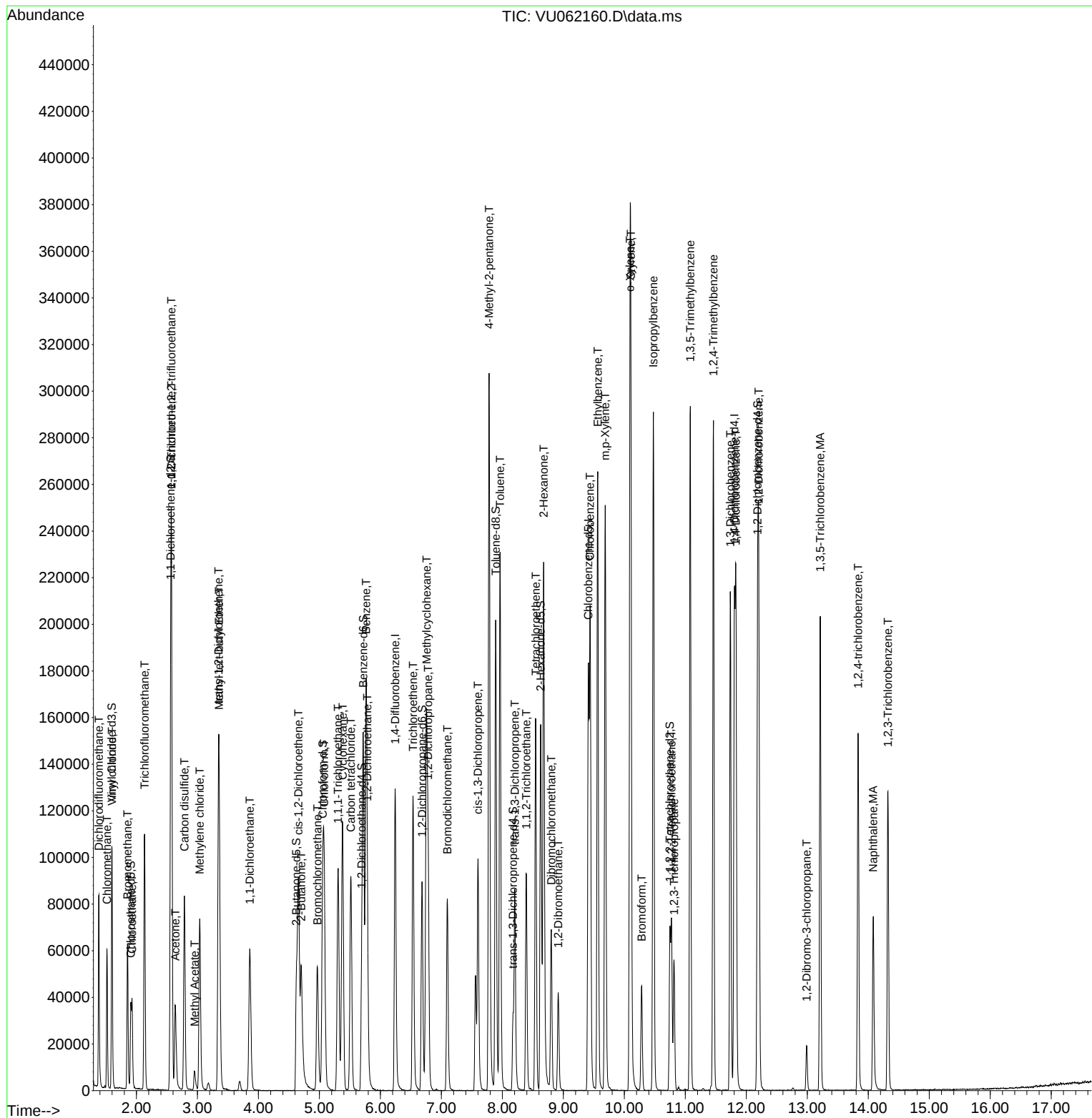
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	49067	4.905	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	73299	5.107	ug/L	95
30) Cyclohexane	5.380	56	57394	4.932	ug/L	95
31) Carbon tetrachloride	5.515	117	67989	5.166	ug/L	98
33) Benzene	5.766	78	158617	5.017	ug/L	100
34) Trichloroethene	6.534	95	44604	4.981	ug/L	96
35) Methylcyclohexane	6.756	83	65590	4.940	ug/L	96
37) 1,2-Dichloropropane	6.782	63	39395	5.117	ug/L	100
38) Bromodichloromethane	7.097	83	55826	5.139	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	62808	5.089	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	180874	50.126	ug/L #	92
42) Toluene	7.962	91	175313	5.142	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	52052	5.165	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	28771	4.950	ug/L	94
47) Tetrachloroethene	8.547	164	35026	5.065	ug/L	96
48) 2-Hexanone	8.676	43	136234	51.087	ug/L #	96
49) Dibromochloromethane	8.801	129	36185	5.153	ug/L	91
50) 1,2-Dibromoethane	8.914	107	28773	5.152	ug/L	99
51) Chlorobenzene	9.438	112	110413	5.055	ug/L	98
52) Ethylbenzene	9.563	91	195791	5.122	ug/L	98
53) m,p-Xylene	9.685	106	71438	5.062	ug/L	98
54) o-Xylene	10.094	106	71767	5.229	ug/L	97
55) Styrene	10.107	104	117745	5.204	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	33752	4.990	ug/L #	97
59) Bromoform	10.283	173	21134	5.171	ug/L	99
60) Isopropylbenzene	10.476	105	194520	5.178	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	24573	5.110	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	163655	5.148	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	158347	5.084	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	88882	5.151	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	86206	4.961	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	80371	5.040	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5620	5.358	ug/L	96
69) 1,3,5-Trichlorobenzene	13.213	180	63559	4.955	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	48112	4.750	ug/L	96
71) Naphthalene	14.081	128	66207	4.353	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	41383	4.633	ug/L	99

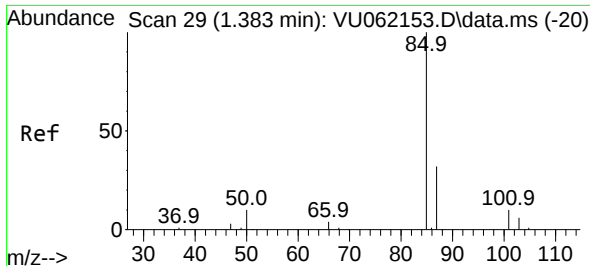
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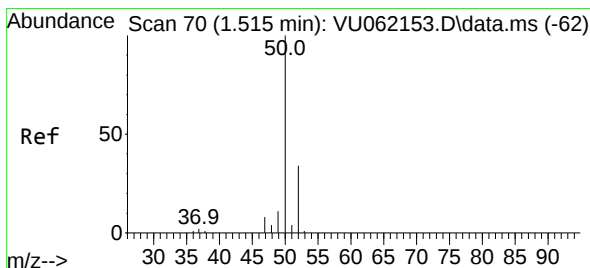
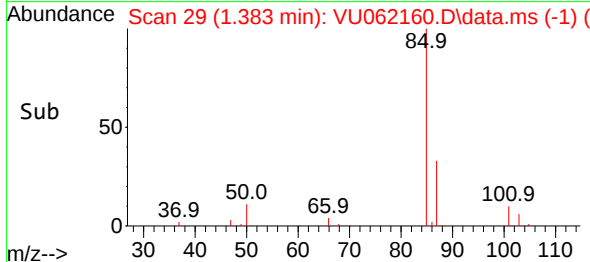
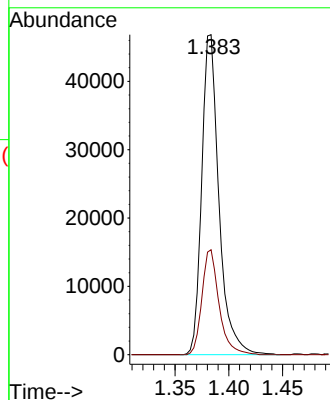
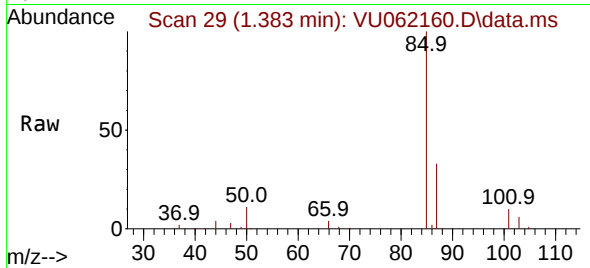




#2
 Dichlorodifluoromethane
 Concen: 5.059 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU062160.D
 Acq: 09 Dec 2024 15:36

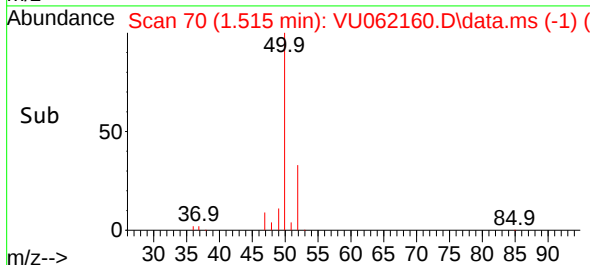
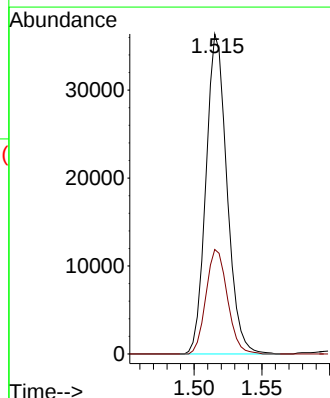
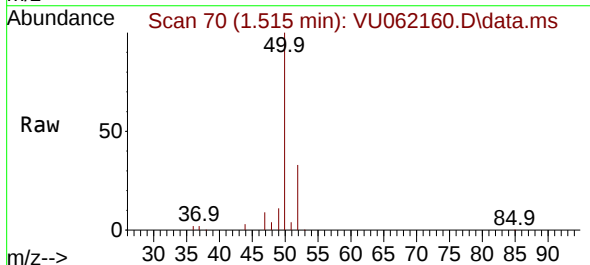
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 MSVOA_U
 ClientSampleId :

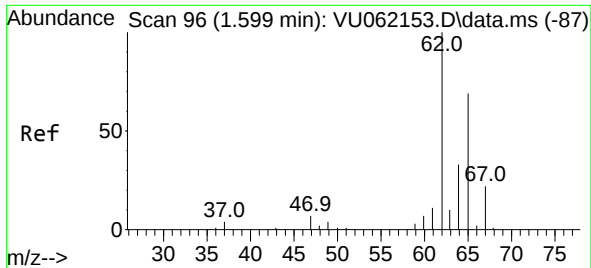
Tgt Ion: 85 Resp: 52081
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.6 40.0



#3
 Chloromethane
 Concen: 4.865 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU062160.D
 Acq: 09 Dec 2024 15:36

Tgt Ion: 50 Resp: 39261
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.1 42.9

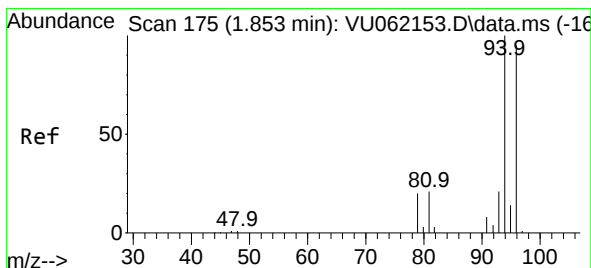
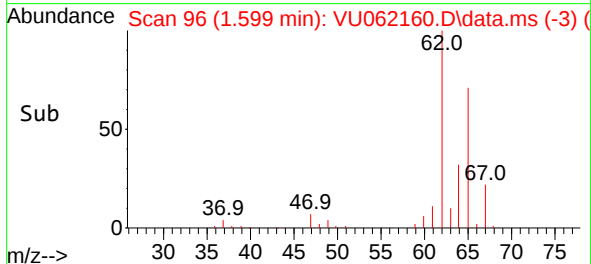
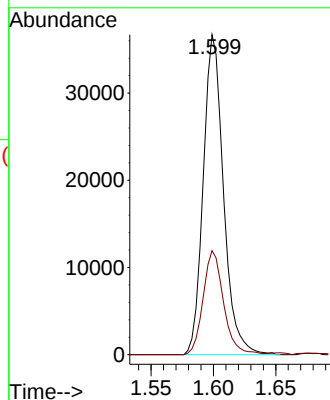
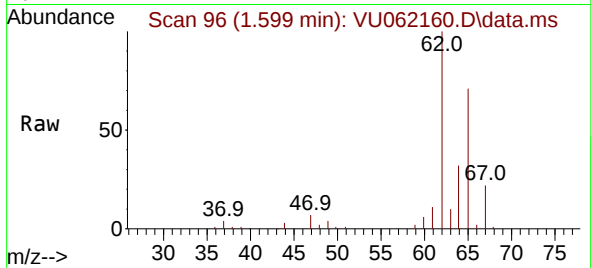




#5
 Vinyl chloride
 Concen: 4.939 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062160.D
 Acq: 09 Dec 2024 15:36

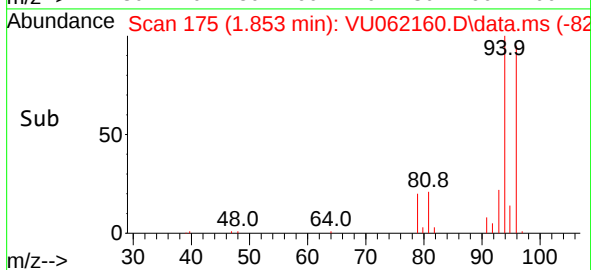
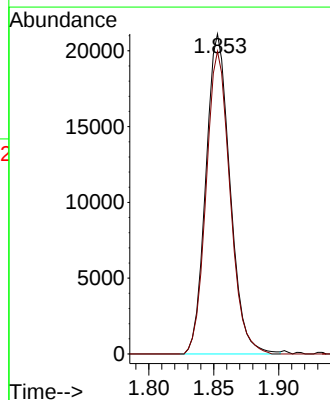
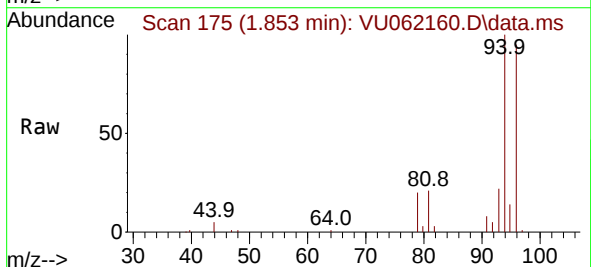
Instrument :
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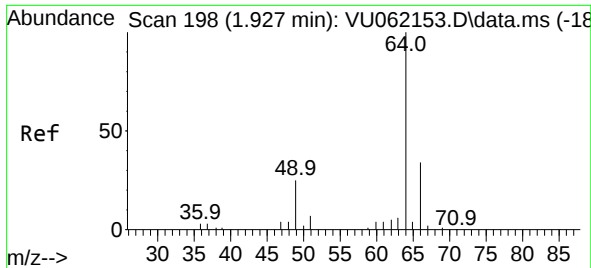
Tgt Ion: 62 Resp: 41500
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.1 42.9



#6
 Bromomethane
 Concen: 4.881 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU062160.D
 Acq: 09 Dec 2024 15:36

Tgt Ion: 94 Resp: 27336
 Ion Ratio Lower Upper
 94 100
 96 94.6 64.5 119.9

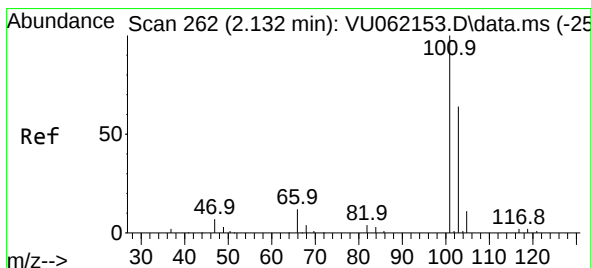
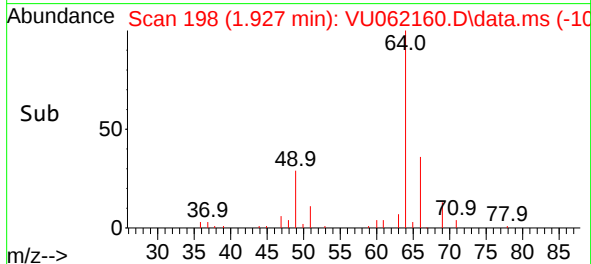
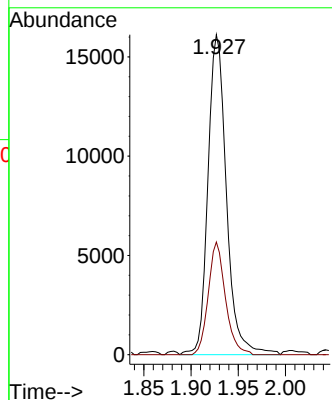
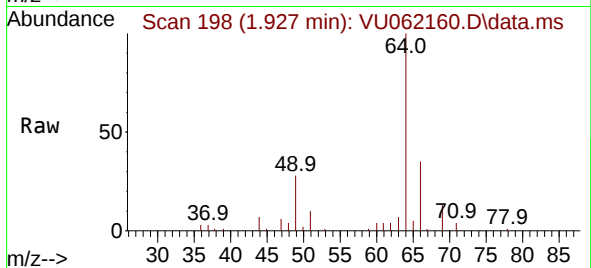




#8
Chloroethane
Concen: 4.659 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

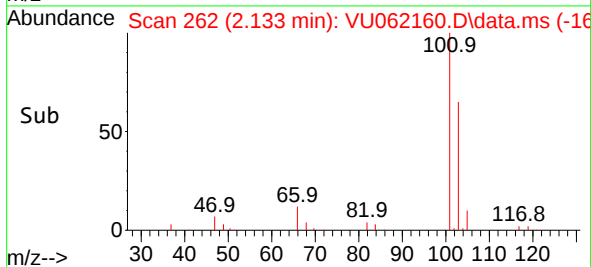
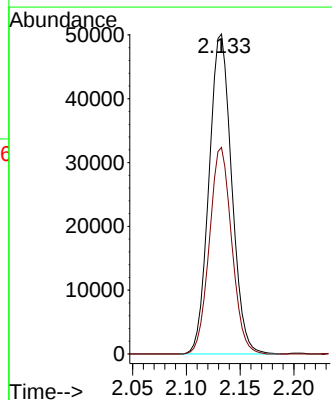
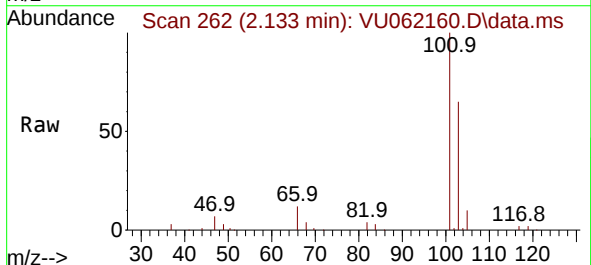
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MSVOA_U
ClientSampleId :

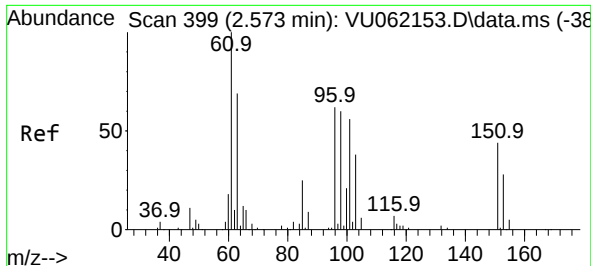
Tgt Ion: 64 Resp: 21923
Ion Ratio Lower Upper
64 100
66 35.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.033 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

Tgt Ion:101 Resp: 73394
Ion Ratio Lower Upper
101 100
103 63.7 50.6 75.8

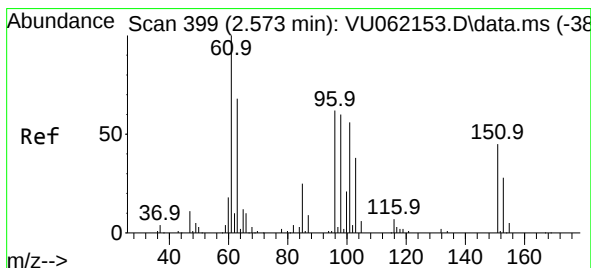
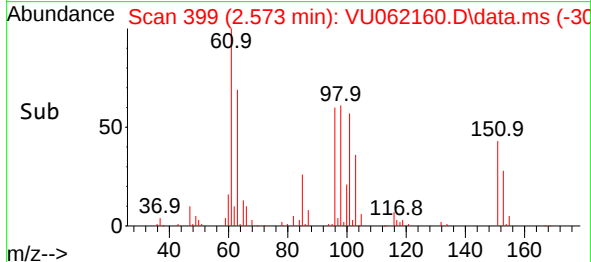
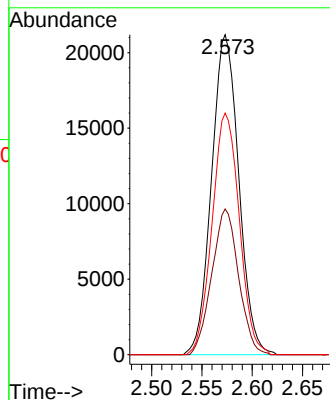
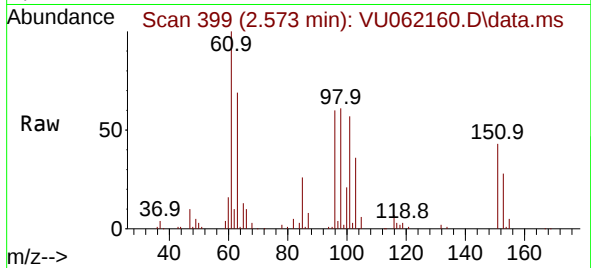




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.032 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062160.D
 Acq: 09 Dec 2024 15:36

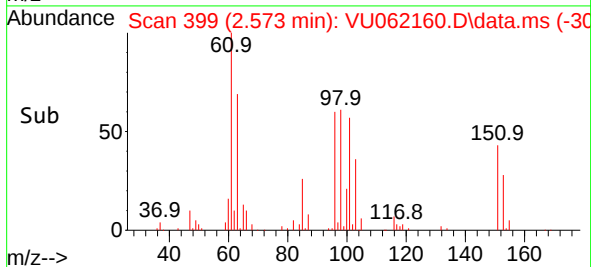
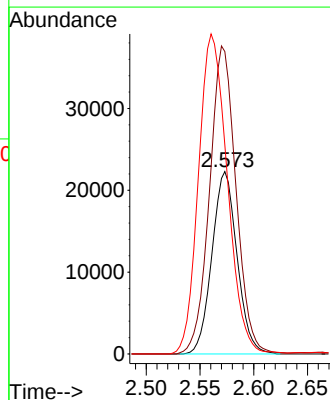
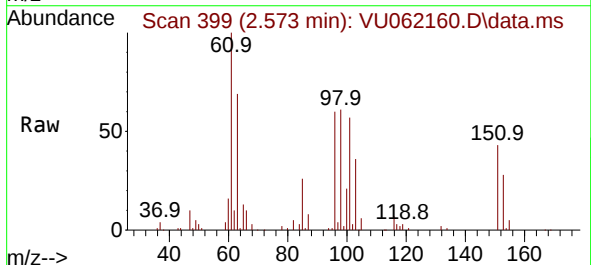
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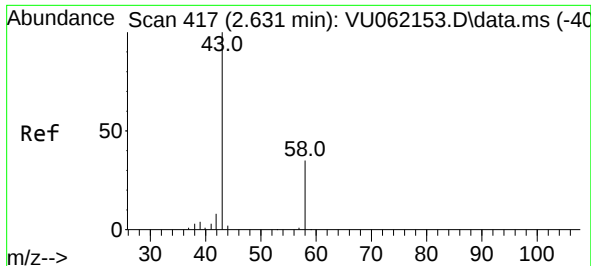
Tgt Ion:101 Resp: 39939
 Ion Ratio Lower Upper
 101 100
 85 44.8 38.0 57.0
 151 75.4 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.870 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062160.D
 Acq: 09 Dec 2024 15:36

Tgt Ion: 96 Resp: 36141
 Ion Ratio Lower Upper
 96 100
 61 165.8 119.6 222.2
 63 114.6 65.0 120.6





#13

Acetone

Concen: 47.706 ug/L

RT: 2.637 min Scan# 417

Delta R.T. 0.007 min

Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

Instrument :

MSVOA_U

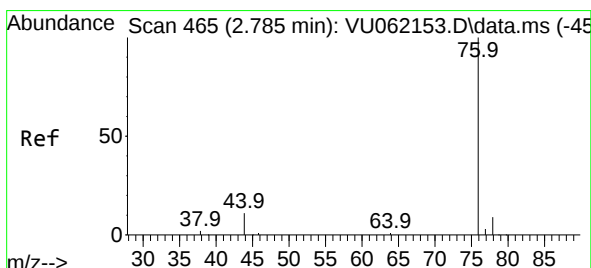
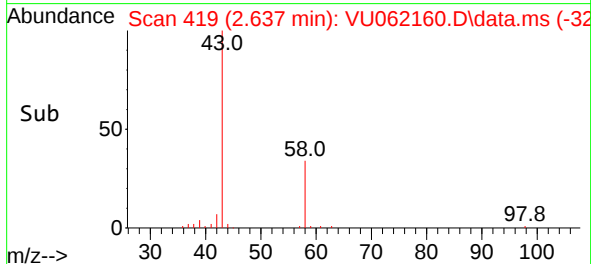
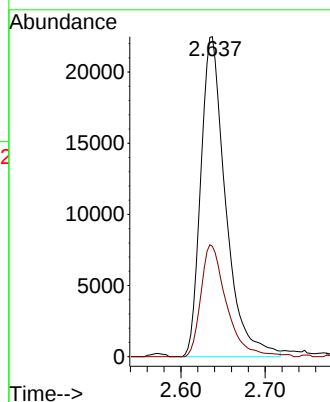
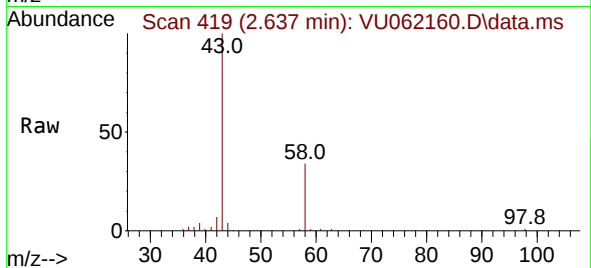
ClientSampleId :

Tgt Ion: 43 Resp: 46148

Ion Ratio Lower Upper

43 100

58 35.8 0.0 64.0



#14

Carbon disulfide

Concen: 4.870 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU062160.D

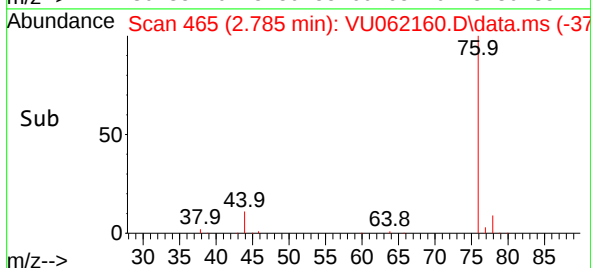
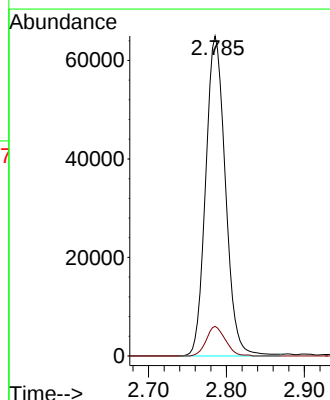
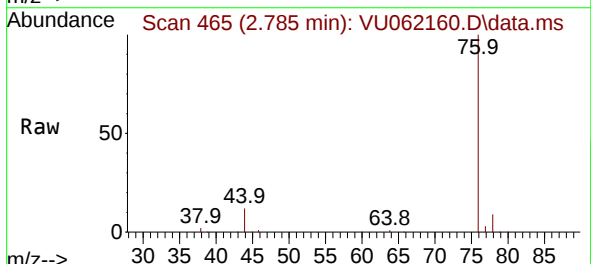
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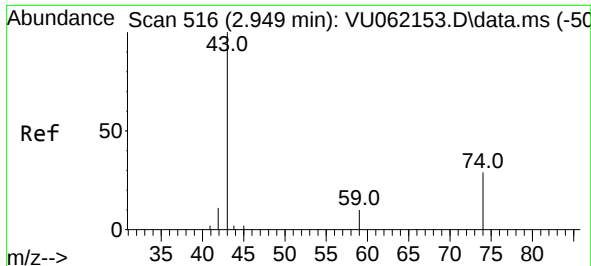
Tgt Ion: 76 Resp: 114282

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

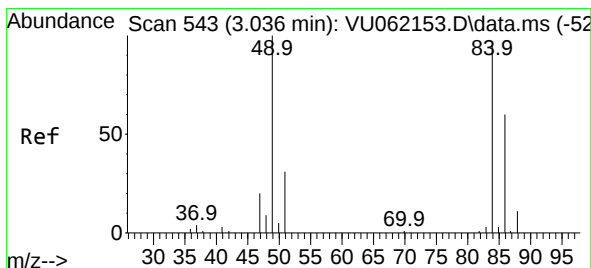
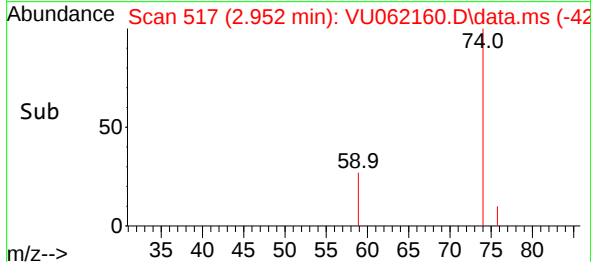
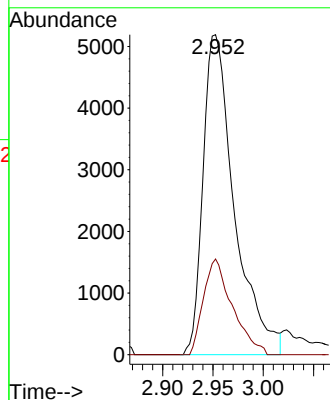
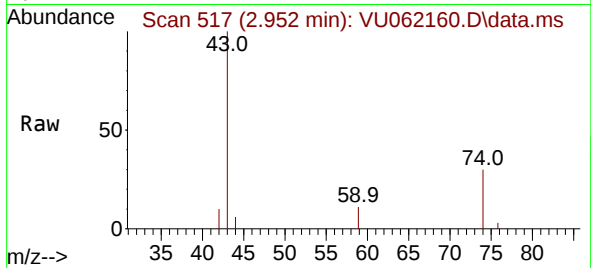




#15
Methyl Acetate
Concen: 4.649 ug/L
RT: 2.952 min Scan# 516
Delta R.T. 0.003 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

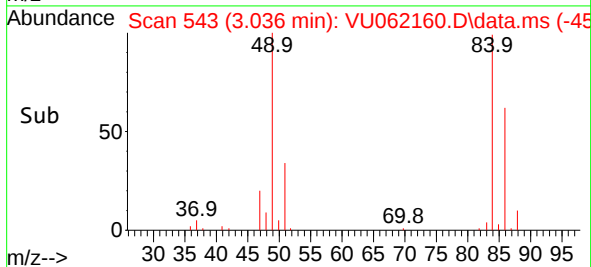
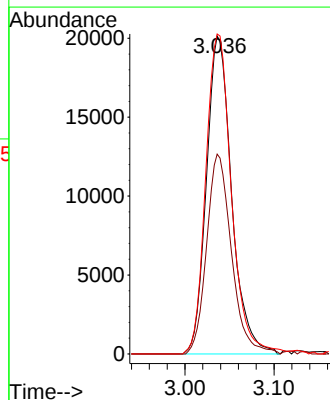
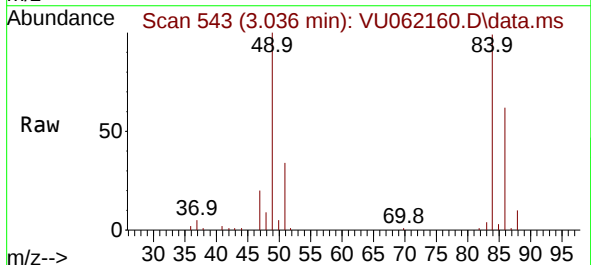
Instrument :
MSVOA_U
ClientSampleId :

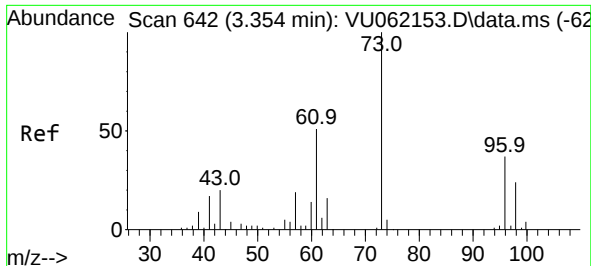
Tgt Ion: 43 Resp: 11270
Ion Ratio Lower Upper
43 100
74 27.6 19.4 29.2



#16
Methylene chloride
Concen: 5.073 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

Tgt Ion: 84 Resp: 39515
Ion Ratio Lower Upper
84 100
86 62.8 43.5 80.7
49 100.6 81.9 152.1

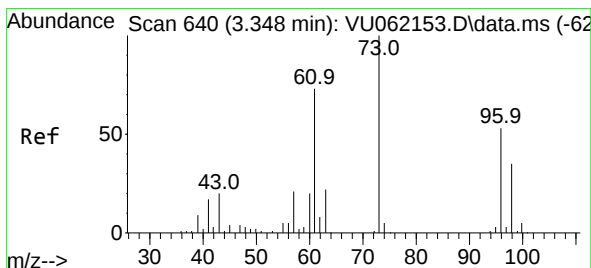
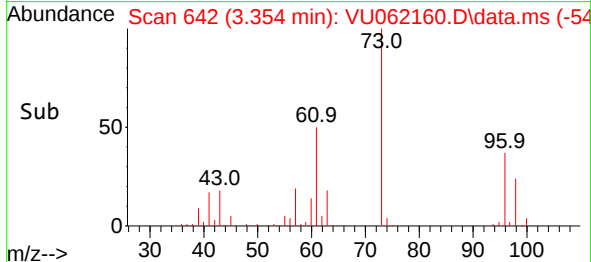
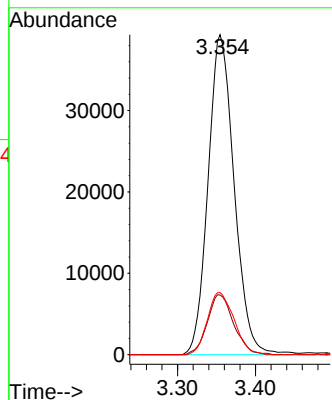
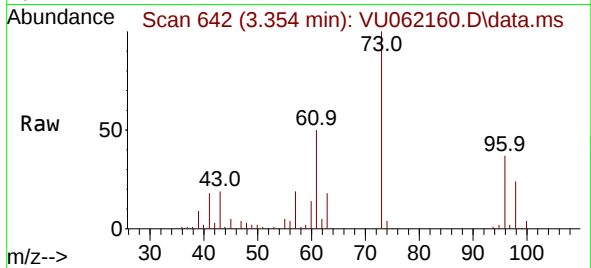




#17
Methyl tert-butyl Ether
Concen: 4.944 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

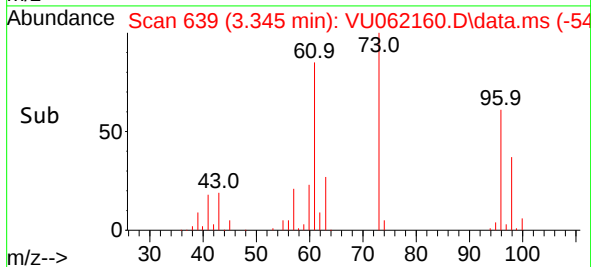
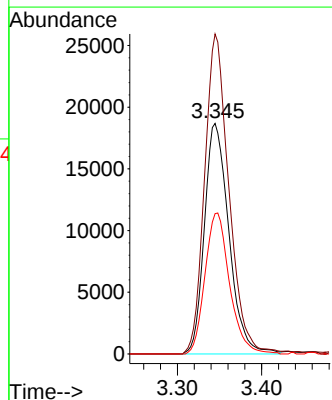
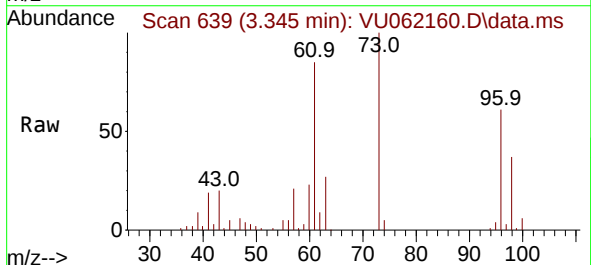
Instrument :
MSVOA_U
ClientSampleId :

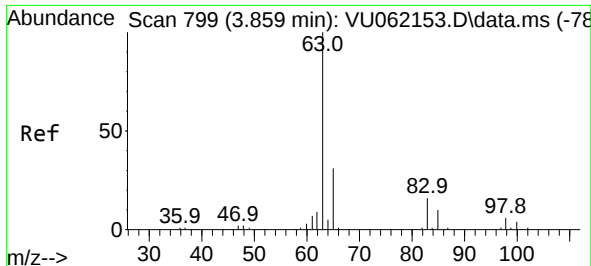
Tgt Ion: 73 Resp: 91397
Ion Ratio Lower Upper
73 100
43 19.0 16.3 24.5
57 19.9 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.965 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

Tgt Ion: 96 Resp: 37853
Ion Ratio Lower Upper
96 100
61 138.8 104.2 193.4
98 60.8 45.7 84.9

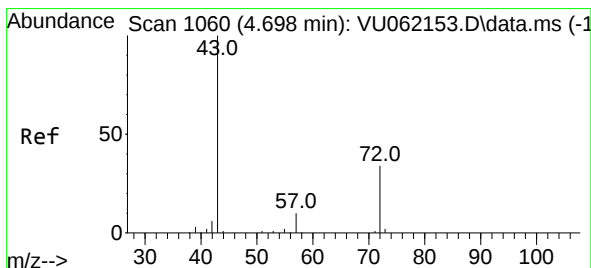
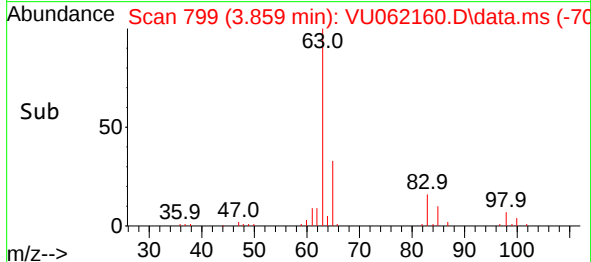
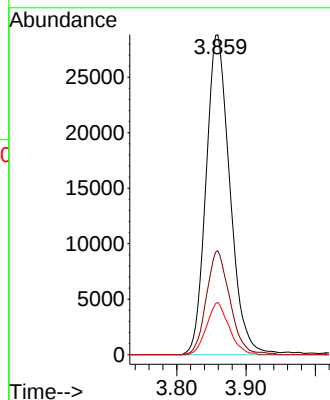
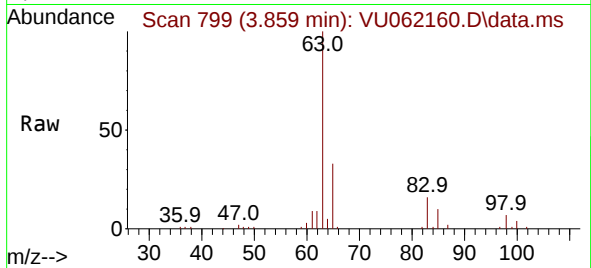




#19
1,1-Dichloroethane
Concen: 4.931 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

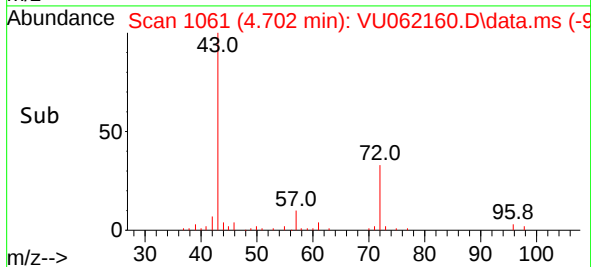
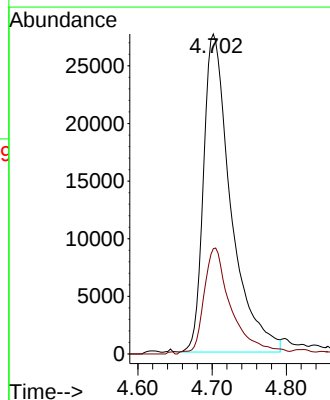
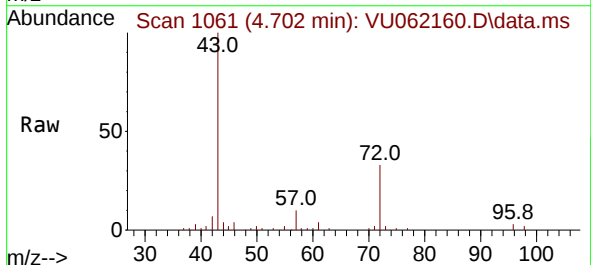
Instrument :
MSVOA_U
ClientSampleId :

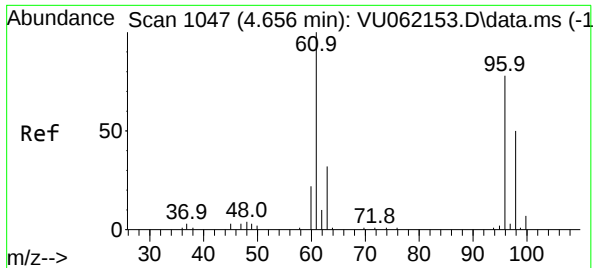
Tgt Ion: 63 Resp: 68906
Ion Ratio Lower Upper
63 100
65 33.1 22.7 42.3
83 16.3 9.9 18.3



#21
2-Butanone
Concen: 50.393 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

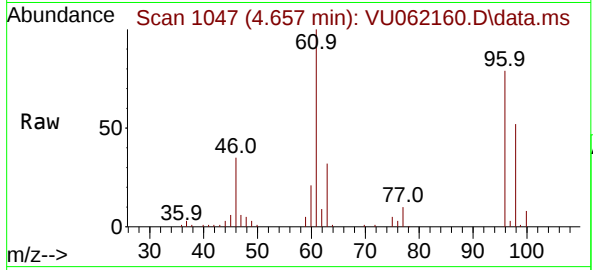
Tgt Ion: 43 Resp: 70793
Ion Ratio Lower Upper
43 100
72 33.3 14.8 44.4



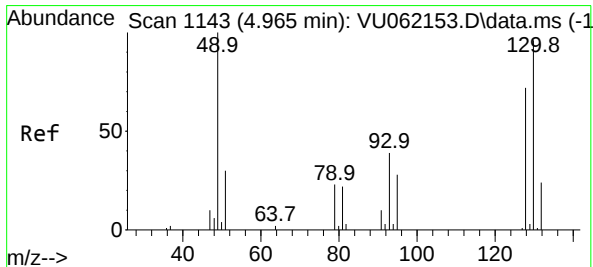
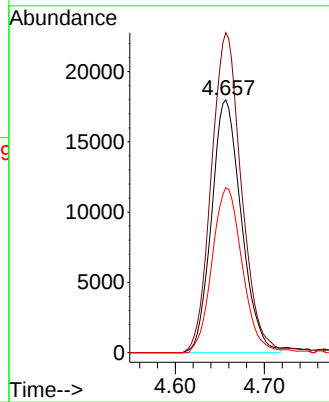
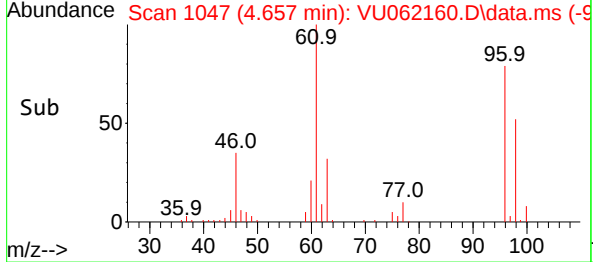


#22
 cis-1,2-Dichloroethene
 Concen: 4.879 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU062160.D
 Acq: 09 Dec 2024 15:36

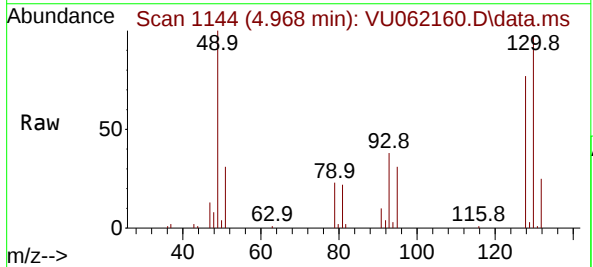
Instrument :
 MSVOA_U
 ClientSampleId :



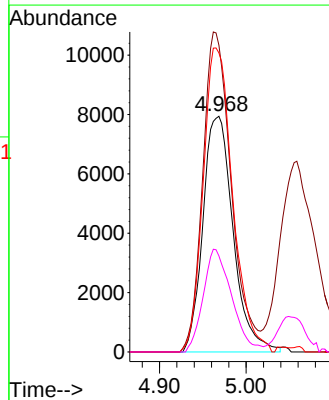
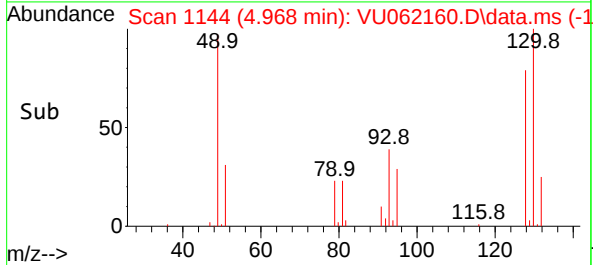
Tgt Ion: 96 Resp: 41700
 Ion Ratio Lower Upper
 96 100
 61 126.6 92.0 170.8
 98 65.3 44.5 82.7

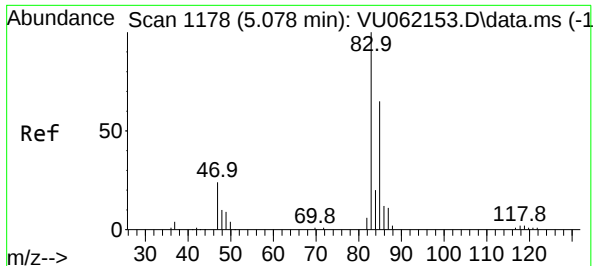


#23
 Bromochloromethane
 Concen: 5.132 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU062160.D
 Acq: 09 Dec 2024 15:36



Tgt Ion: 128 Resp: 19226
 Ion Ratio Lower Upper
 128 100
 49 130.2 115.3 214.1
 130 126.9 92.0 170.8
 51 40.8 44.7 67.1#





#25

Chloroform

Concen: 5.038 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

Instrument :

MSVOA_U

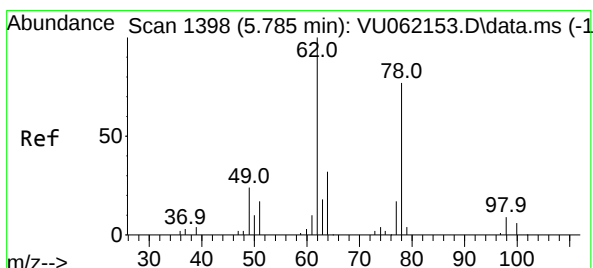
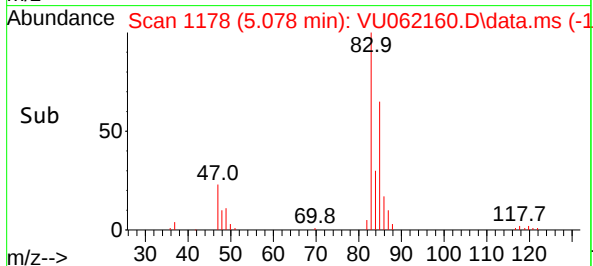
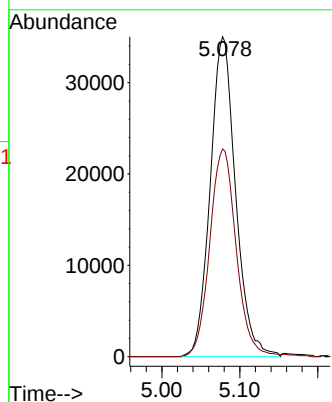
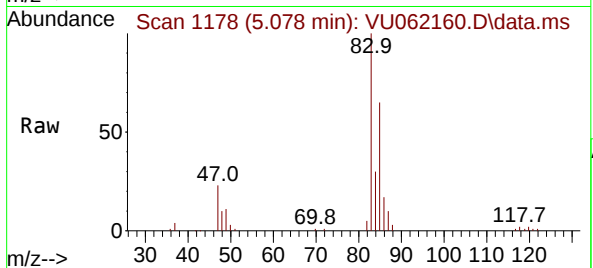
ClientSampleId :

Tgt Ion: 83 Resp: 79309

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.905 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU062160.D

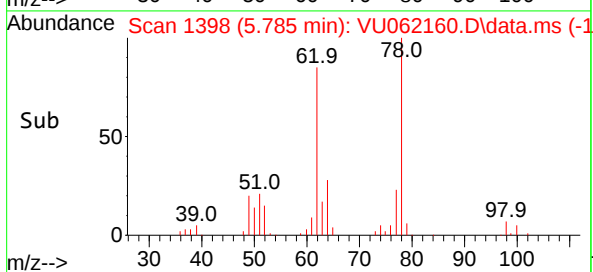
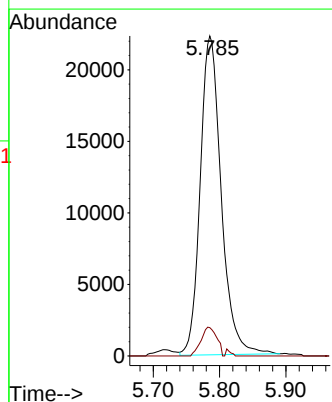
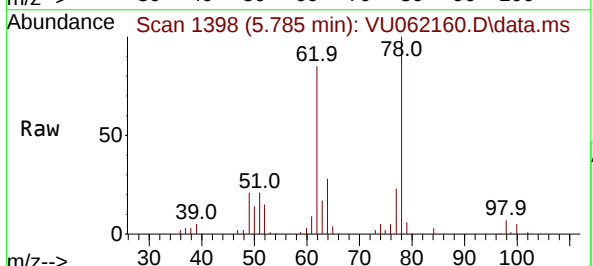
Acq: 09 Dec 2024 15:36

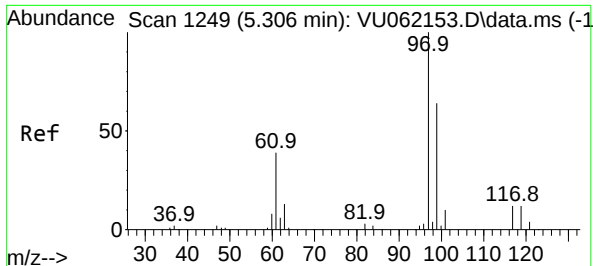
Tgt Ion: 62 Resp: 49067

Ion Ratio Lower Upper

62 100

98 8.8 7.4 11.0

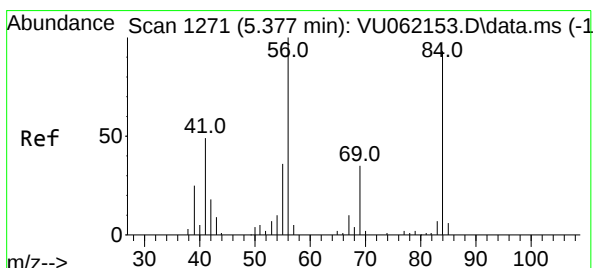
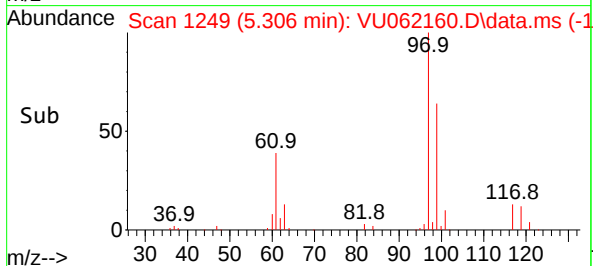
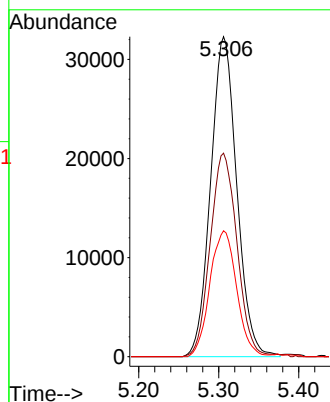
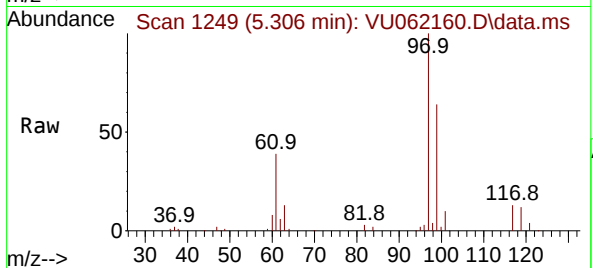




#29
1,1,1-Trichloroethane
Concen: 5.107 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

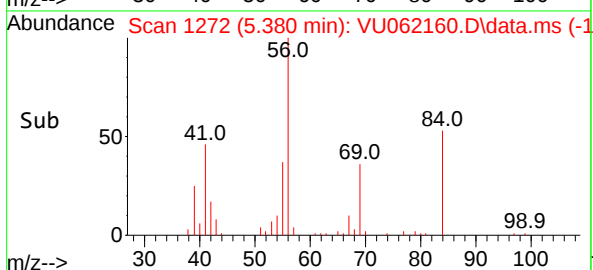
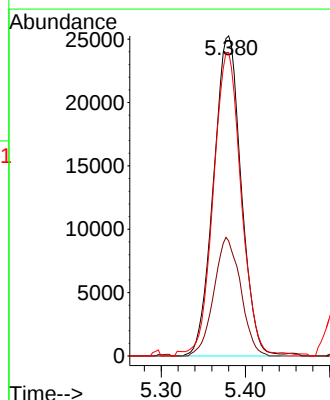
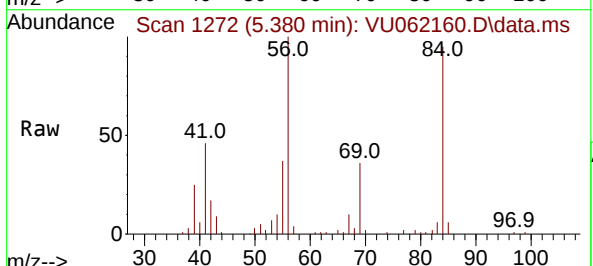
Instrument :
MSVOA_U
ClientSampleId :

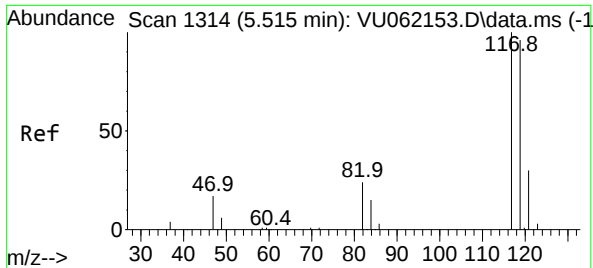
Tgt Ion: 97	Resp: 73299
Ion Ratio	Lower Upper
97 100	
99 65.6	51.4 77.2
61 40.3	37.8 56.6



#30
Cyclohexane
Concen: 4.932 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

Tgt Ion: 56	Resp: 57394
Ion Ratio	Lower Upper
56 100	
69 35.9	25.1 37.7
84 92.4	70.6 105.8

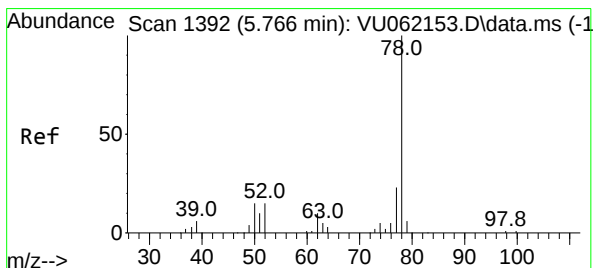
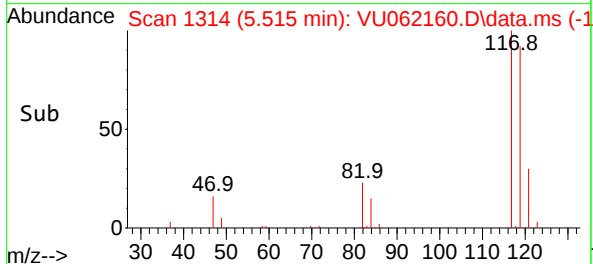
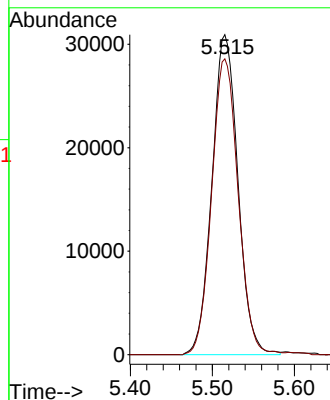
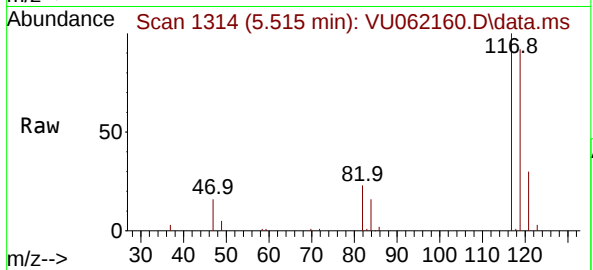




#31
Carbon tetrachloride
Concen: 5.166 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

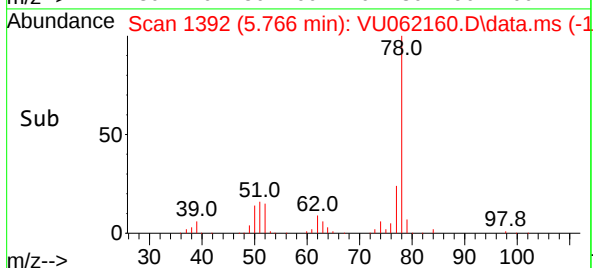
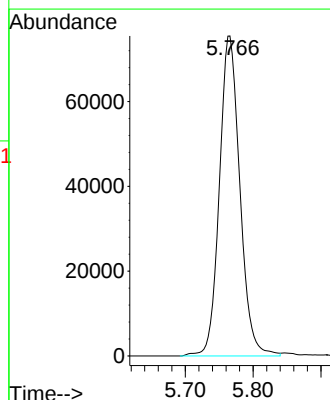
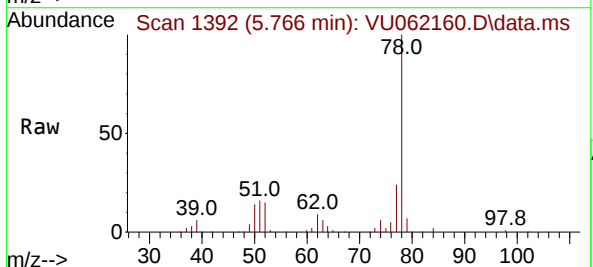
Instrument :
MSVOA_U
ClientSampleId :

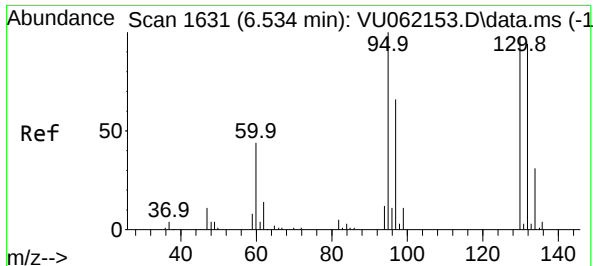
Tgt Ion:117 Resp: 67989
Ion Ratio Lower Upper
117 100
119 94.5 77.5 116.3



#33
Benzene
Concen: 5.017 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

Tgt Ion: 78 Resp: 158617





#34

Trichloroethene

Concen: 4.981 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 44604

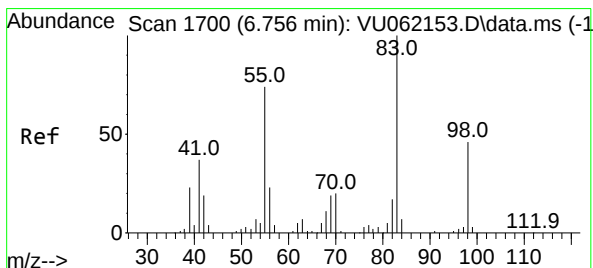
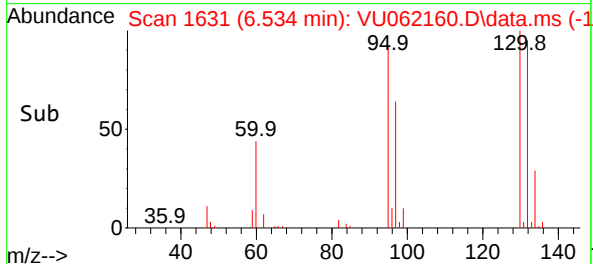
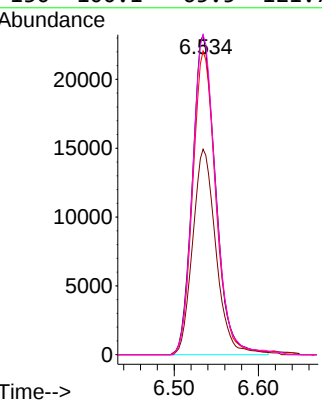
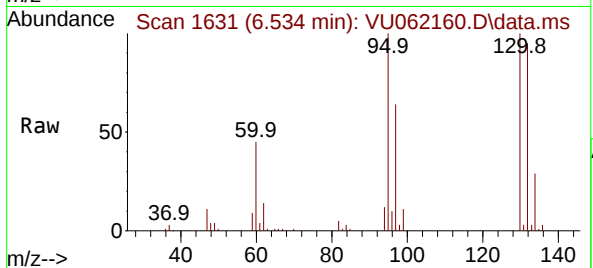
Ion Ratio Lower Upper

95 100

97 64.3 45.9 85.3

132 95.0 63.8 118.4

130 100.1 65.5 121.7



#35

Methylcyclohexane

Concen: 4.940 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

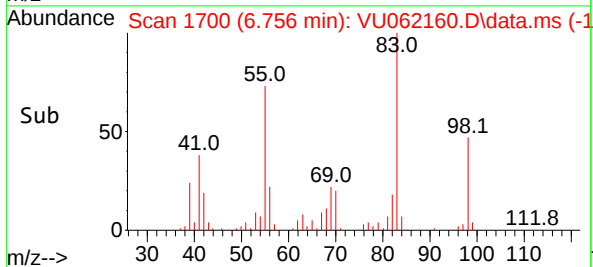
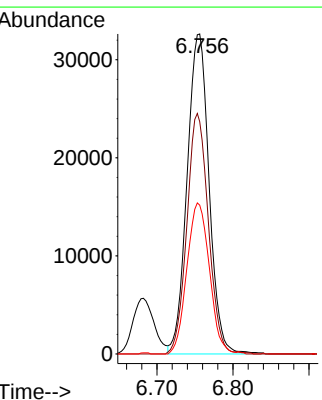
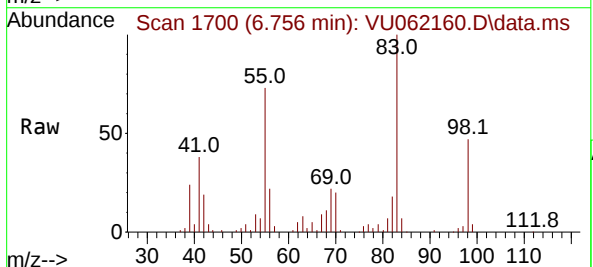
Tgt Ion: 83 Resp: 65590

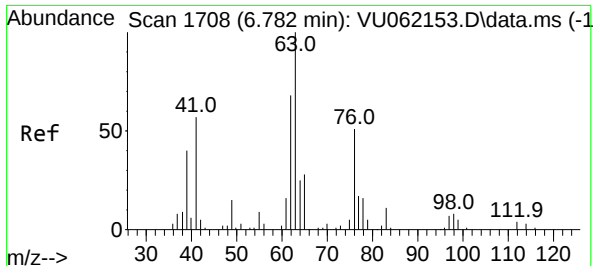
Ion Ratio Lower Upper

83 100

55 73.6 60.7 91.1

98 48.3 34.8 52.2





#37

1,2-Dichloropropane

Concen: 5.117 ug/L

RT: 6.782 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

Instrument :

MSVOA_U

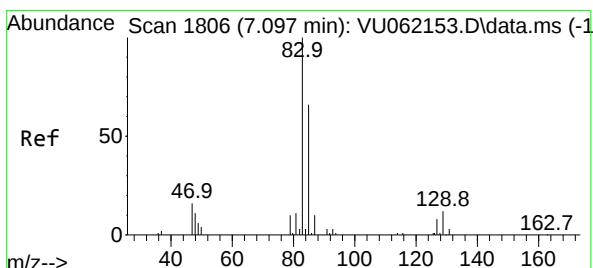
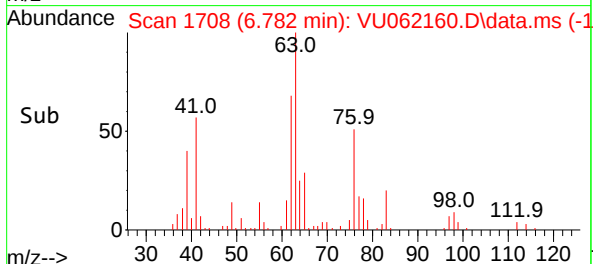
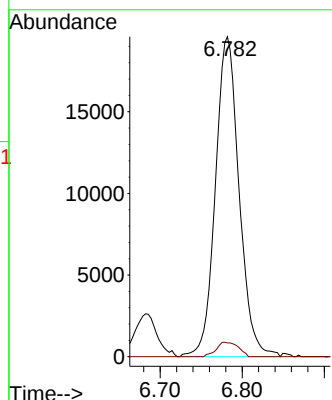
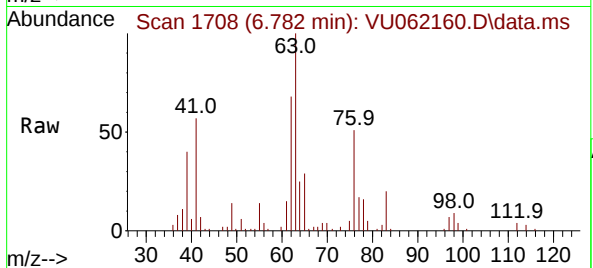
ClientSampleId :

Tgt Ion: 63 Resp: 39395

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 5.139 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

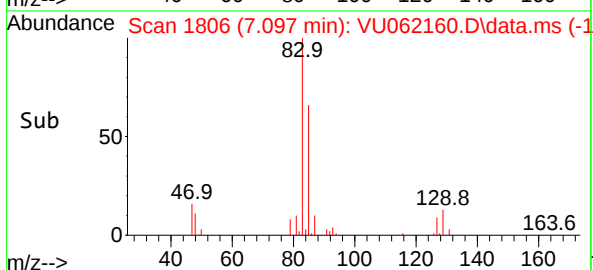
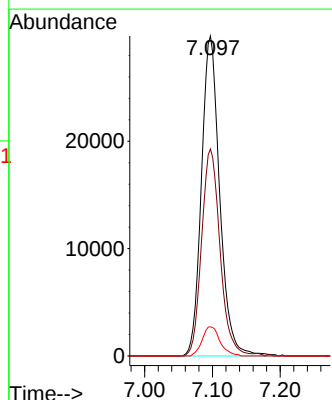
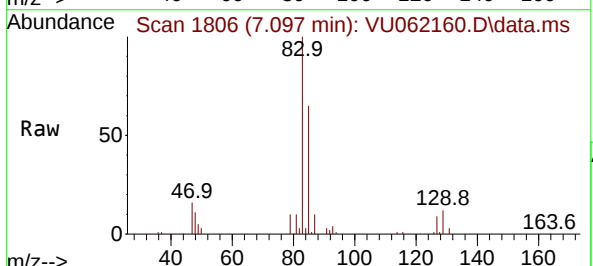
Tgt Ion: 83 Resp: 55826

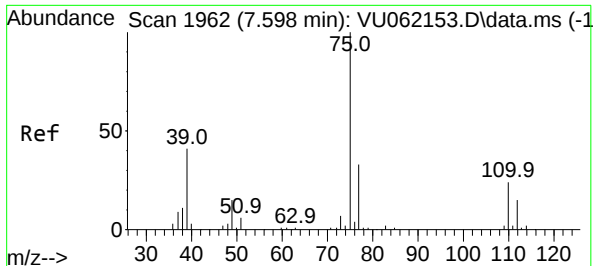
Ion Ratio Lower Upper

83 100

85 64.7 44.1 81.9

127 9.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.089 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

Instrument :

MSVOA_U

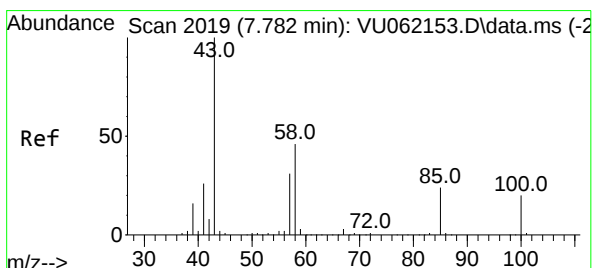
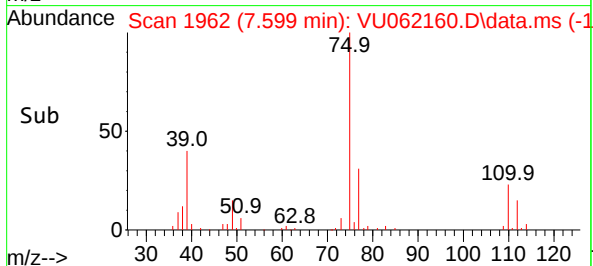
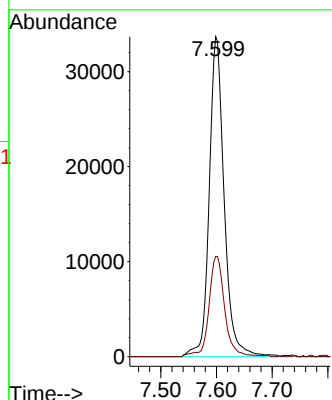
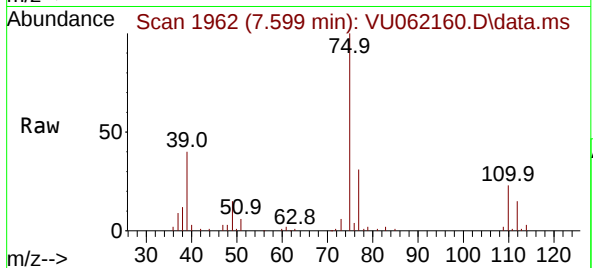
ClientSampleId :

Tgt Ion: 75 Resp: 62808

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 50.126 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

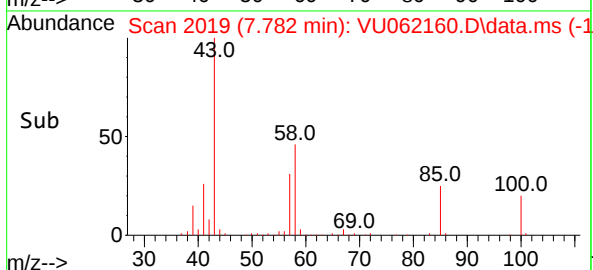
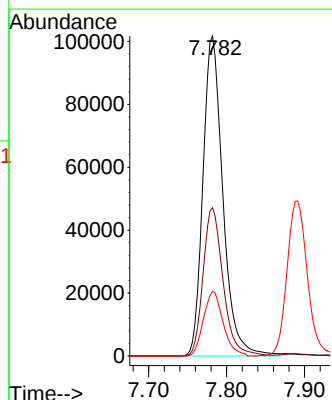
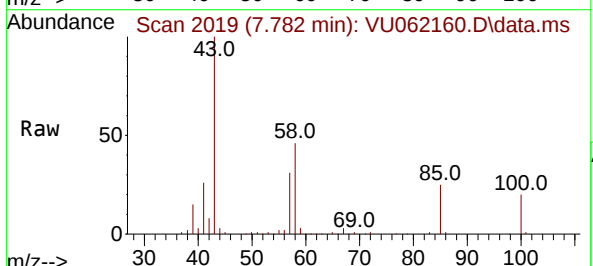
Tgt Ion: 43 Resp: 180874

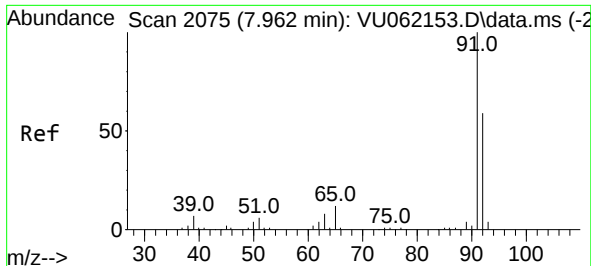
Ion Ratio Lower Upper

43 100

58 46.3 33.3 49.9

100 19.8 12.4 18.6#





#42

Toluene

Concen: 5.142 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

Instrument :

MSVOA_U

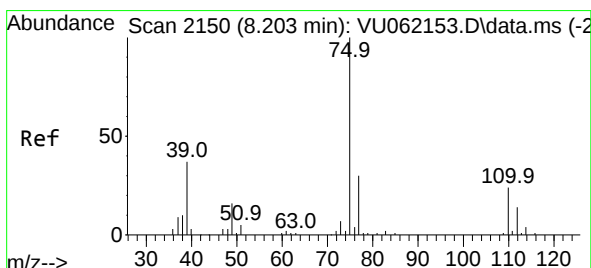
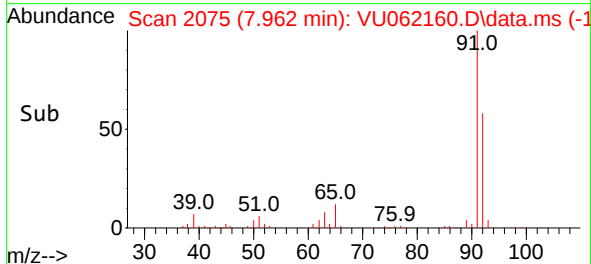
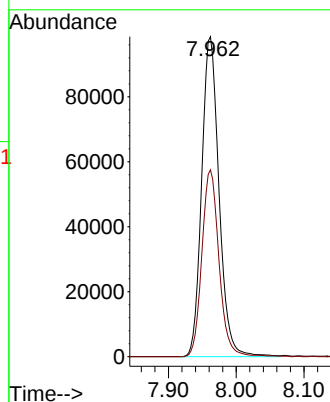
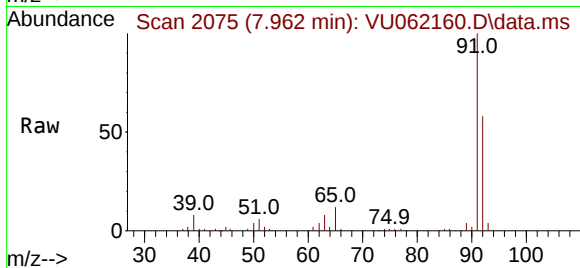
ClientSampleId :

Tgt Ion: 91 Resp: 175313

Ion Ratio Lower Upper

91 100

92 58.4 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.165 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU062160.D

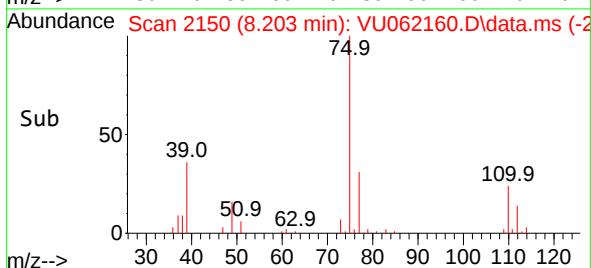
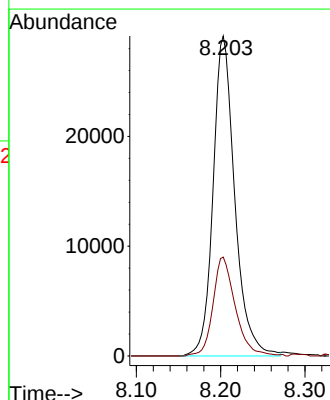
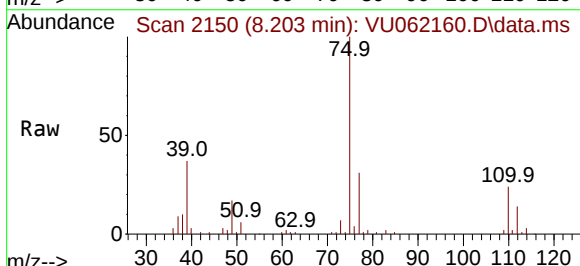
Acq: 09 Dec 2024 15:36

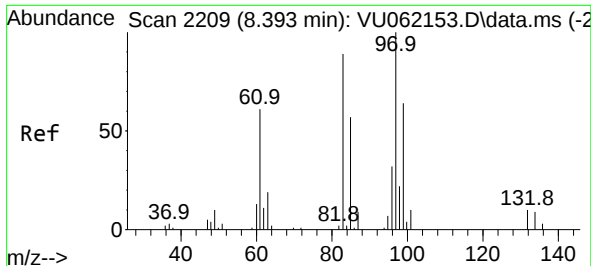
Tgt Ion: 75 Resp: 52052

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.4



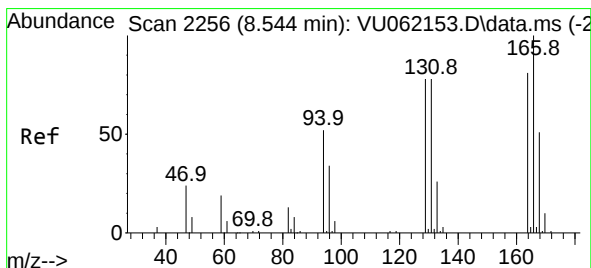
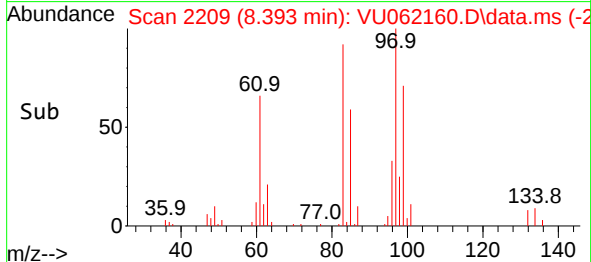
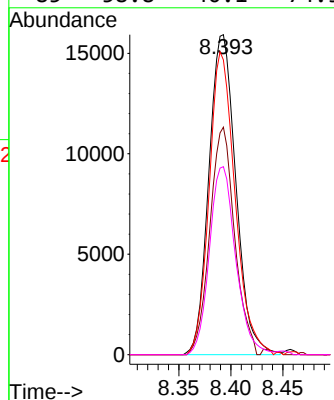
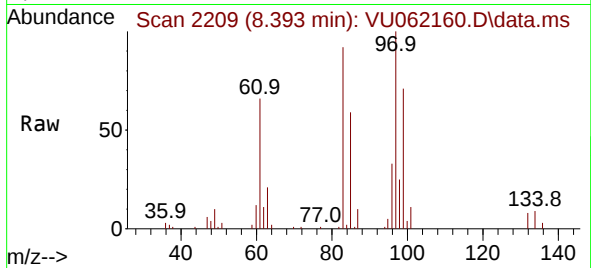


#45
1,1,2-Trichloroethane
Concen: 4.950 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 28771

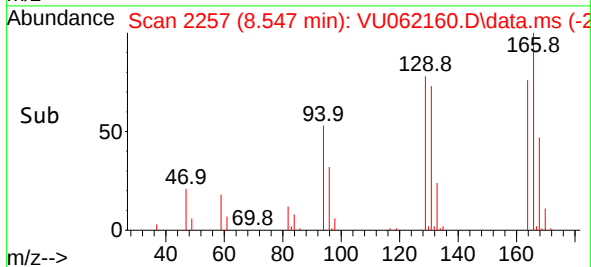
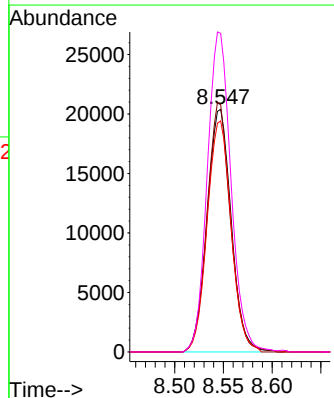
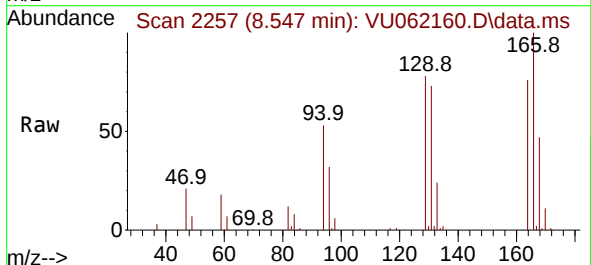
Ion	Ratio	Lower	Upper
97	100		
99	71.1	43.0	79.8
83	92.1	61.7	114.5
85	58.8	40.1	74.5

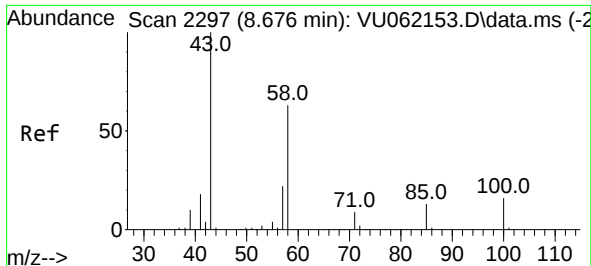


#47
Tetrachloroethene
Concen: 5.065 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

Tgt Ion:164 Resp: 35026

Ion	Ratio	Lower	Upper
164	100		
129	101.9	73.2	136.0
131	95.2	72.3	134.3
166	131.3	90.2	167.4

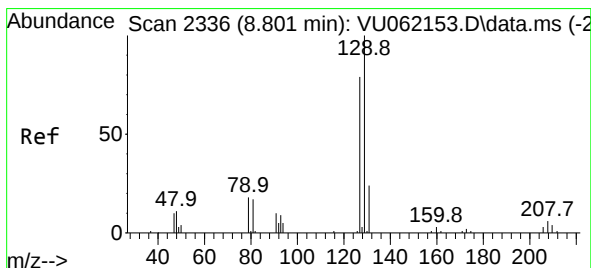
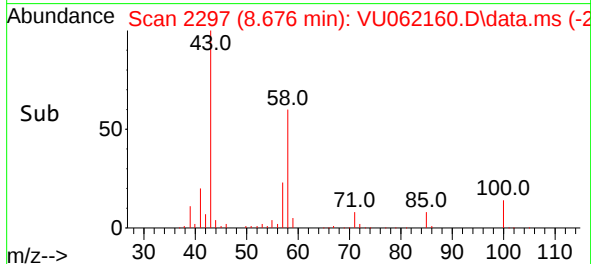
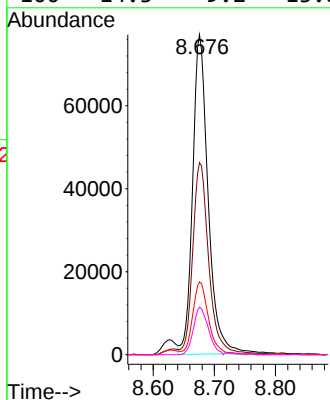
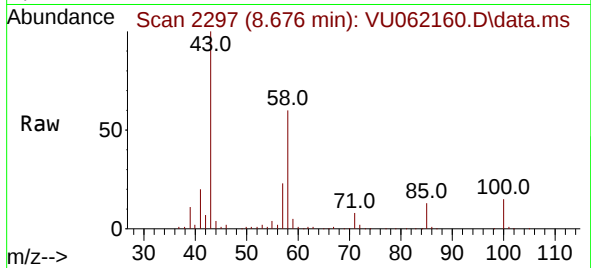




#48
2-Hexanone
Concen: 51.087 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

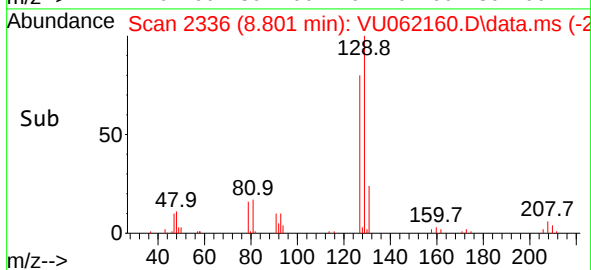
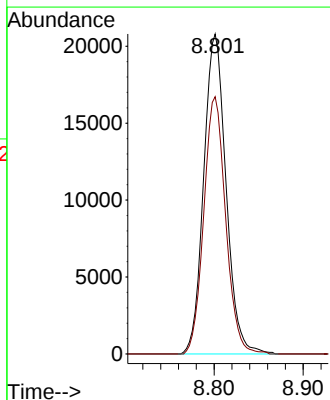
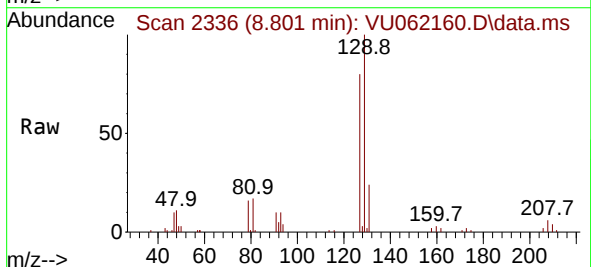
Instrument :
MSVOA_U
ClientSampleId :

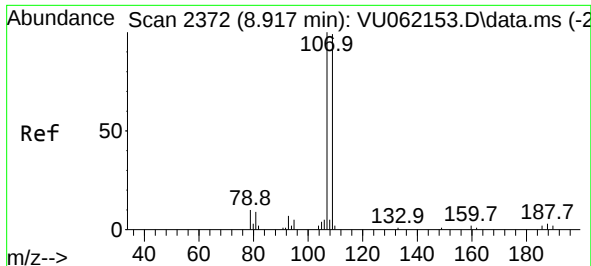
Tgt Ion:	43	Resp:	136234
Ion	Ratio	Lower	Upper
43	100		
58	61.6	47.5	71.3
57	22.7	15.6	23.4
100	14.3	9.2	13.8



#49
Dibromochloromethane
Concen: 5.153 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

Tgt Ion:	129	Resp:	36185
Ion	Ratio	Lower	Upper
129	100		
127	80.4	51.1	94.9





#50

1,2-Dibromoethane

Concen: 5.152 ug/L

RT: 8.914 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

Instrument :

MSVOA_U

ClientSampleId :

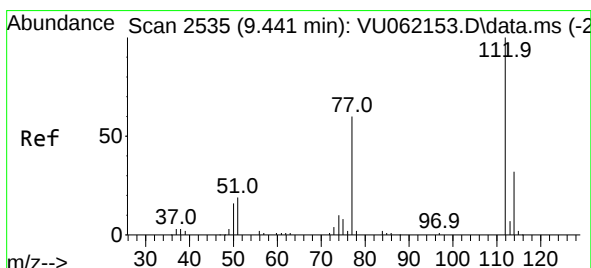
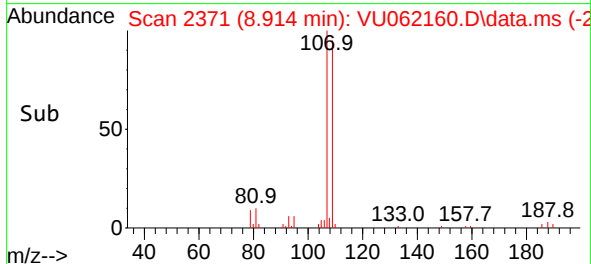
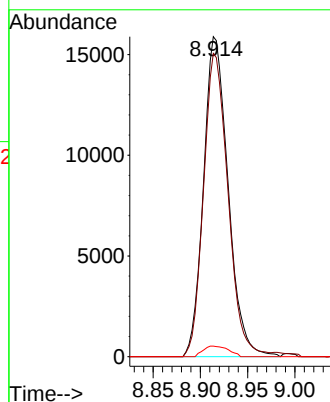
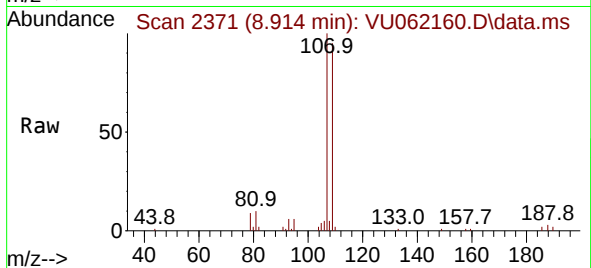
Tgt Ion:107 Resp: 28773

Ion Ratio Lower Upper

107 100

109 94.8 66.8 124.2

188 3.3 2.3 3.5



#51

Chlorobenzene

Concen: 5.055 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.003 min

Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

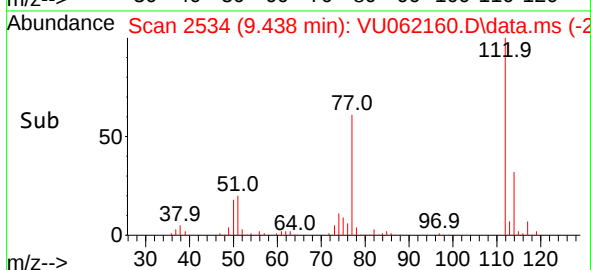
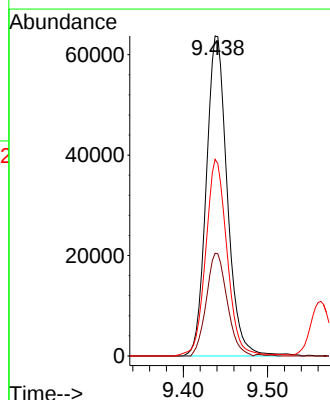
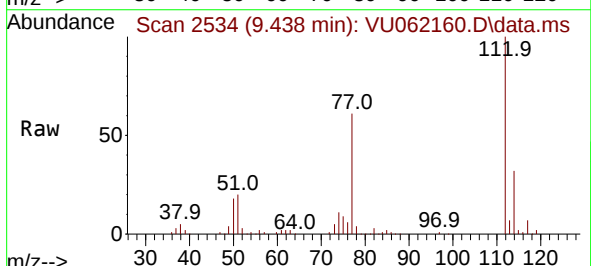
Tgt Ion:112 Resp: 110413

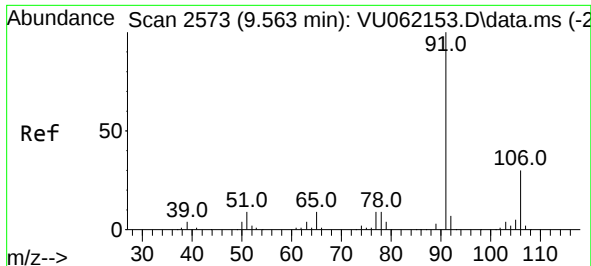
Ion Ratio Lower Upper

112 100

114 32.1 23.0 42.6

77 61.5 50.5 75.7

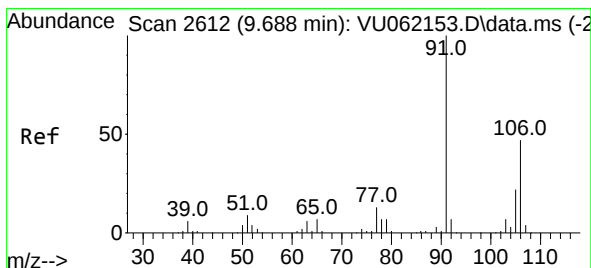
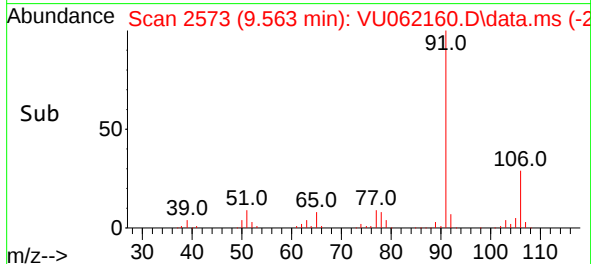
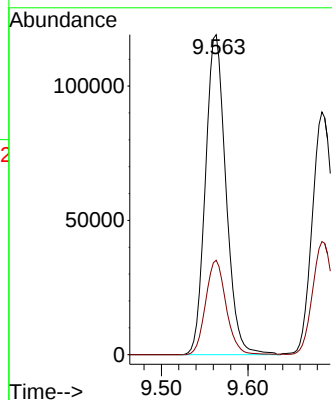
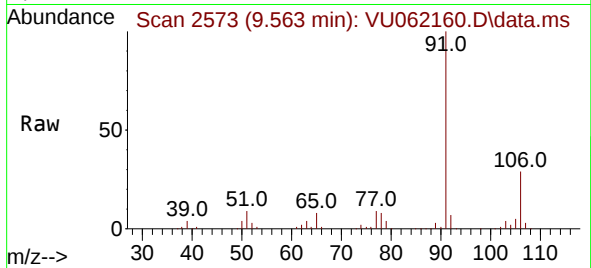




#52
Ethylbenzene
Concen: 5.122 ug/L
RT: 9.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

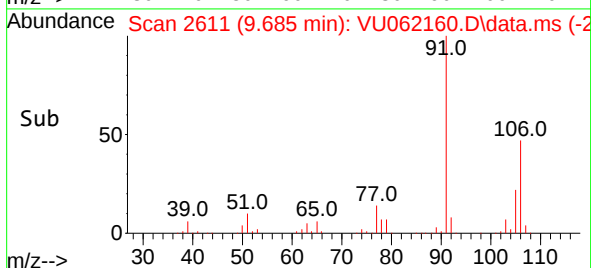
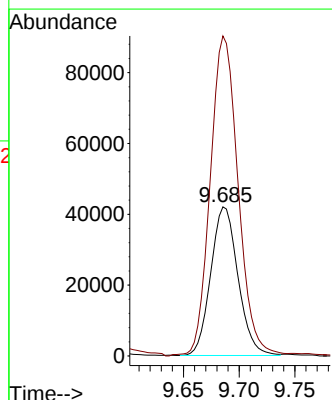
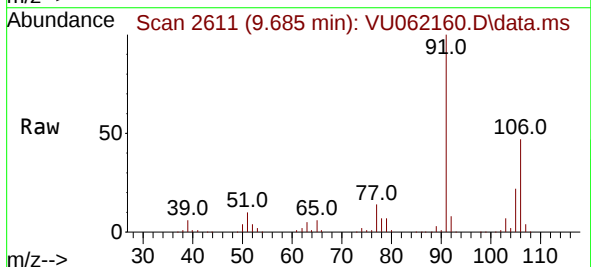
Instrument :
MSVOA_U
ClientSampleId :

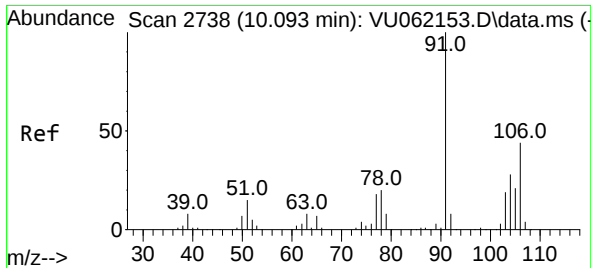
Tgt Ion: 91 Resp: 195791
Ion Ratio Lower Upper
91 100
106 29.5 21.6 40.0



#53
m,p-Xylene
Concen: 5.062 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

Tgt Ion: 106 Resp: 71438
Ion Ratio Lower Upper
106 100
91 214.6 147.6 274.0

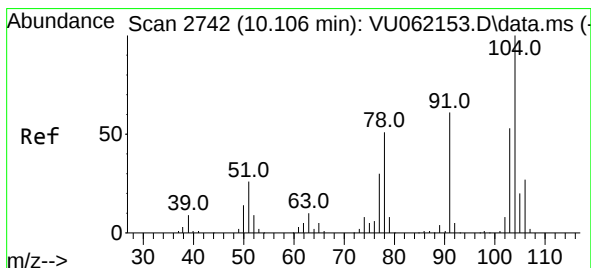
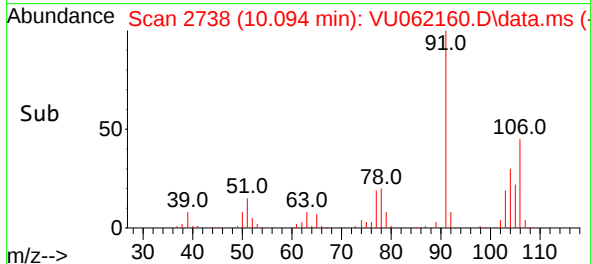
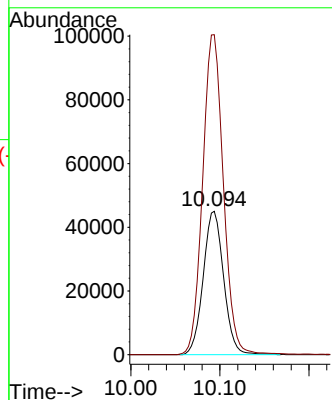
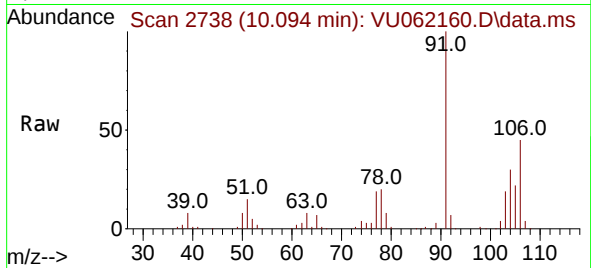




#54
o-Xylene
Concen: 5.229 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

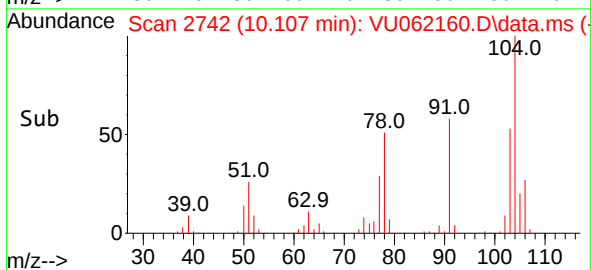
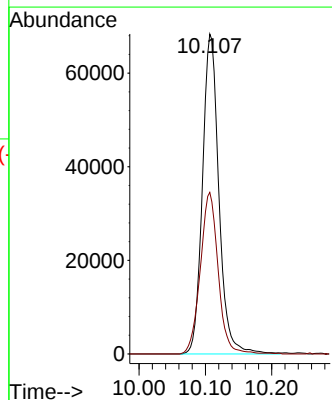
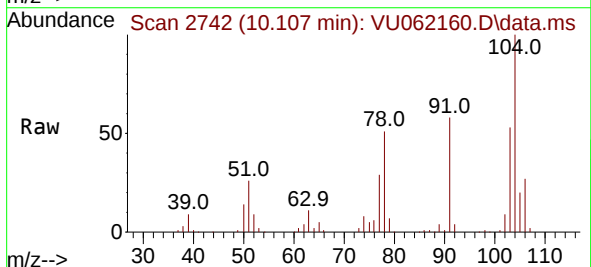
Instrument :
MSVOA_U
ClientSampleId :

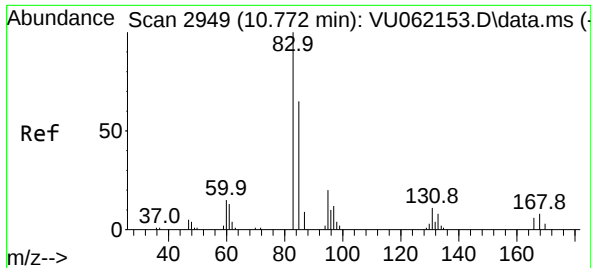
Tgt Ion:106 Resp: 71767
Ion Ratio Lower Upper
106 100
91 223.1 159.8 296.8



#55
Styrene
Concen: 5.204 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

Tgt Ion:104 Resp: 117745
Ion Ratio Lower Upper
104 100
78 50.5 33.2 61.7

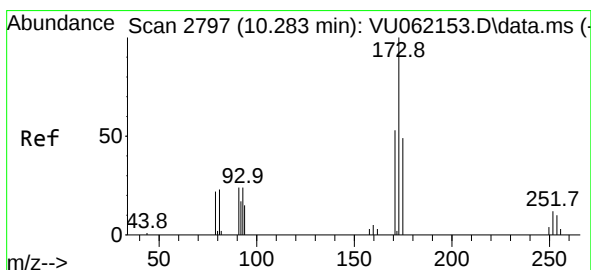
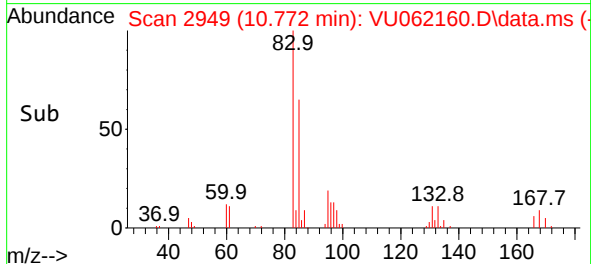
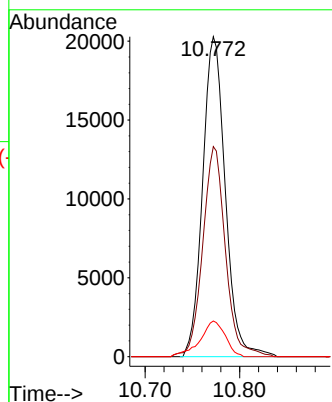
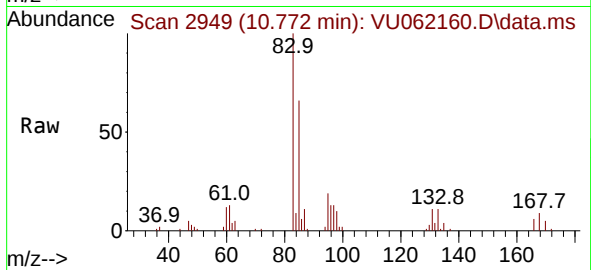




#57
1,1,2,2-Tetrachloroethane
Concen: 4.990 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

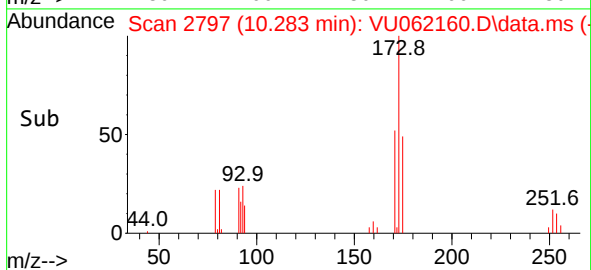
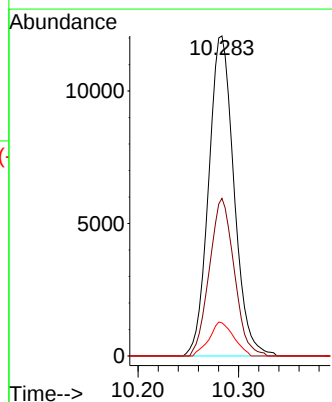
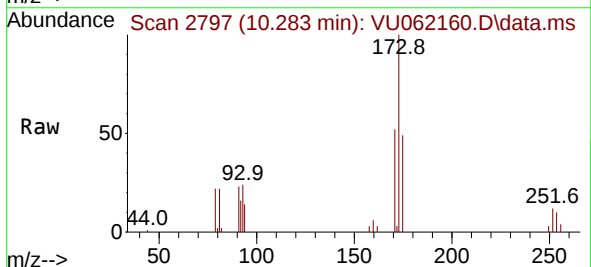
Instrument :
MSVOA_U
ClientSampleId :

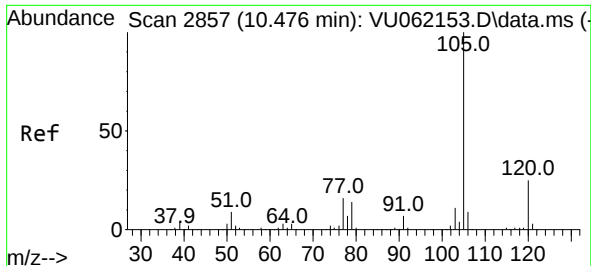
Tgt Ion: 83 Resp: 33752
Ion Ratio Lower Upper
83 100
85 65.7 44.4 82.4
131 11.1 7.3 10.9#



#59
Bromoform
Concen: 5.171 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

Tgt Ion:173 Resp: 21134
Ion Ratio Lower Upper
173 100
175 48.2 39.0 58.4
254 10.2 7.4 11.0

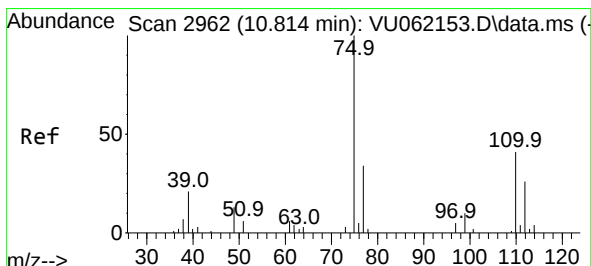
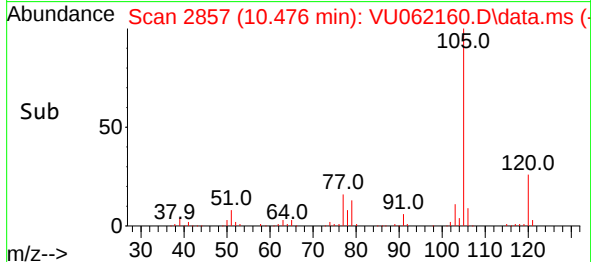
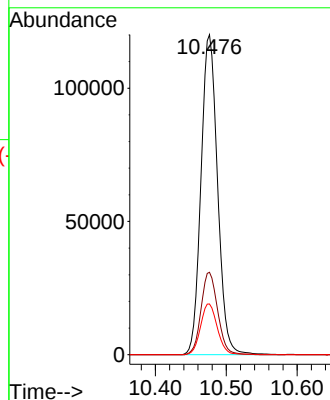
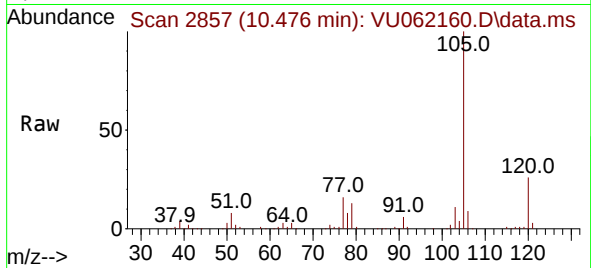




#60
Isopropylbenzene
Concen: 5.178 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

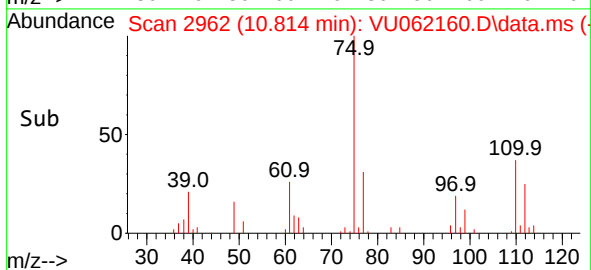
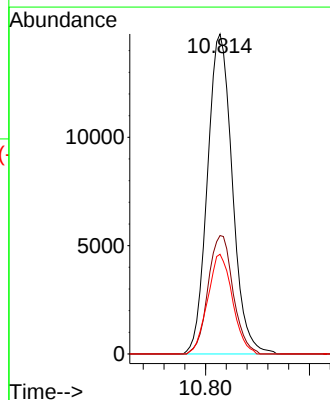
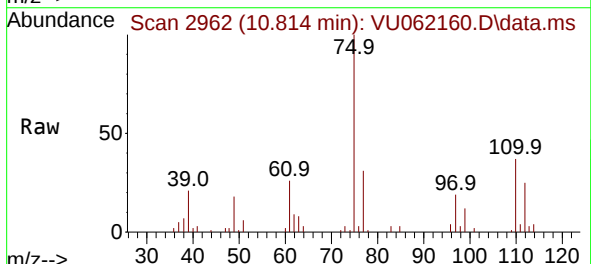
Instrument :
MSVOA_U
ClientSampleId :

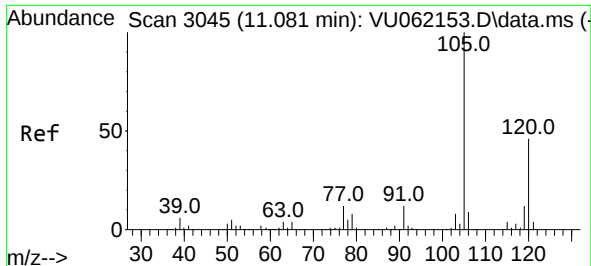
Tgt Ion:105 Resp: 194520
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 16.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.110 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

Tgt Ion: 75 Resp: 24573
Ion Ratio Lower Upper
75 100
110 37.2 28.9 43.3
77 31.0 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.148 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

Instrument :

MSVOA_U

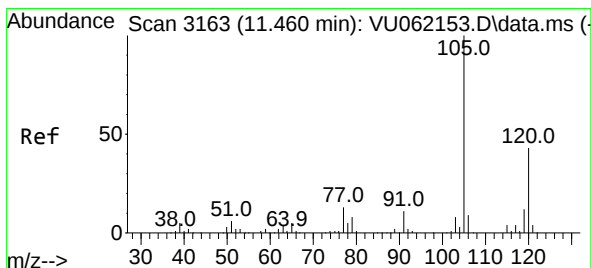
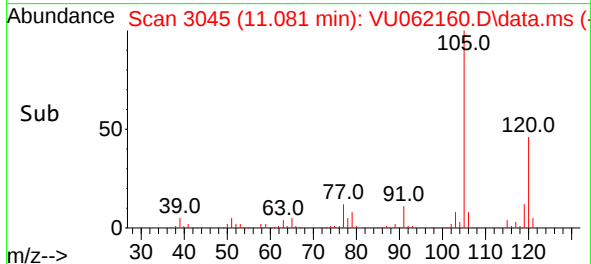
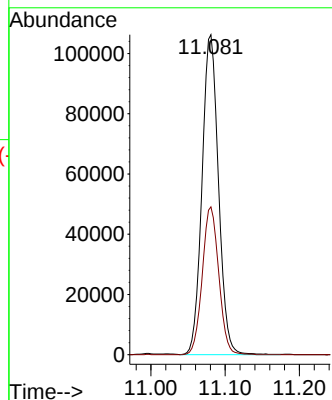
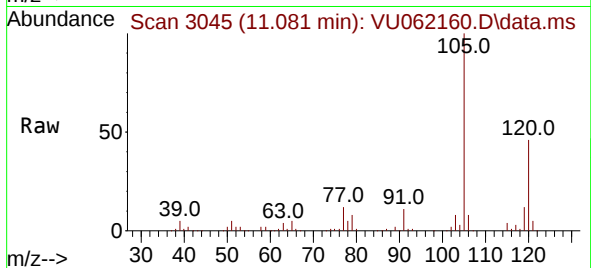
ClientSampleId :

Tgt Ion:105 Resp: 163655

Ion Ratio Lower Upper

105 100

120 46.2 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.084 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU062160.D

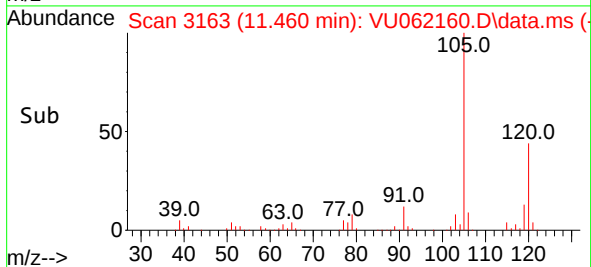
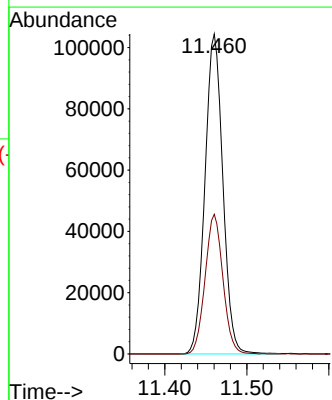
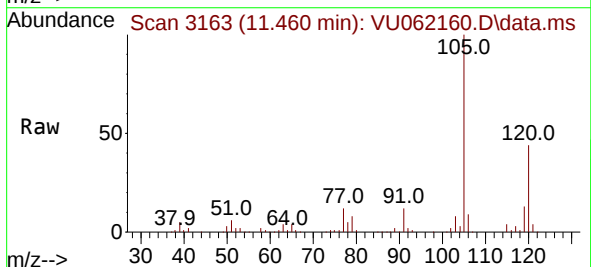
Acq: 09 Dec 2024 15:36

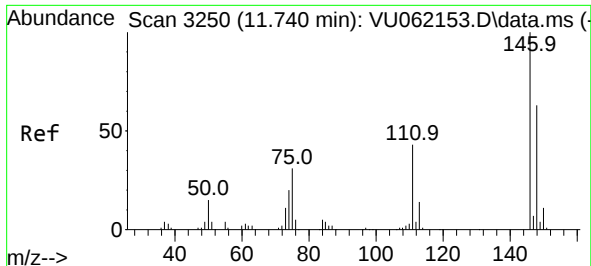
Tgt Ion:105 Resp: 158347

Ion Ratio Lower Upper

105 100

120 43.5 34.7 52.1

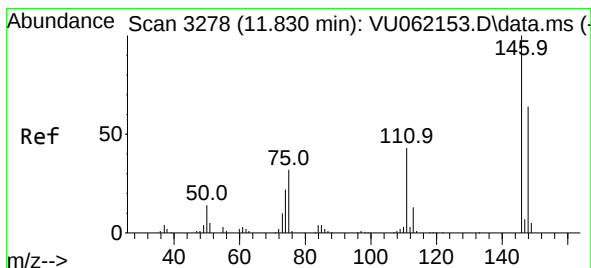
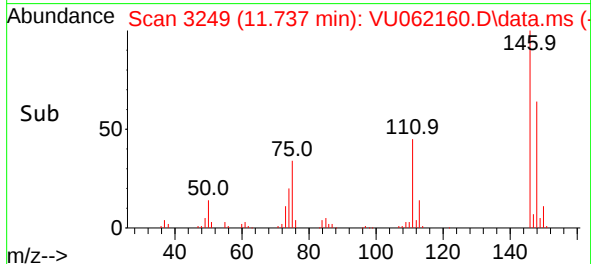
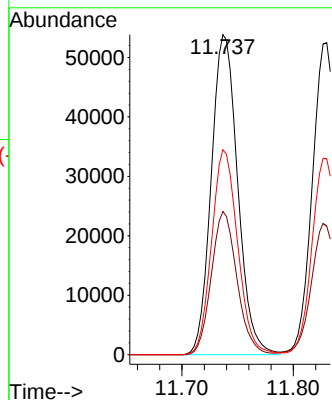
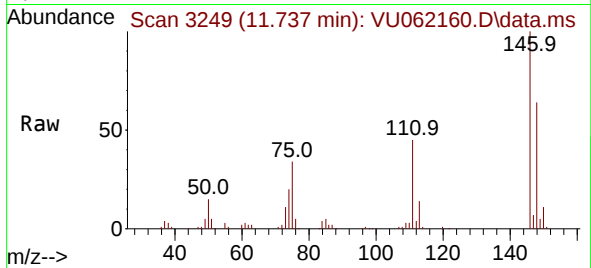




#64
1,3-Dichlorobenzene
Concen: 5.151 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

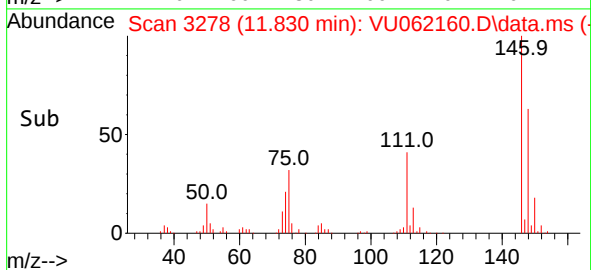
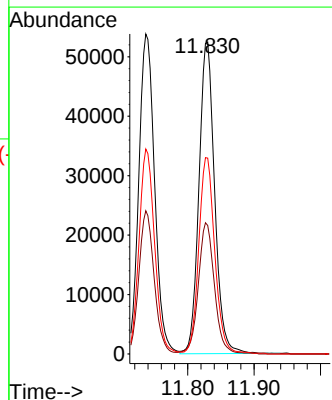
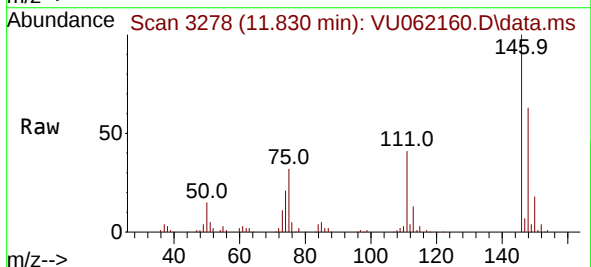
Instrument :
MSVOA_U
ClientSampleId :

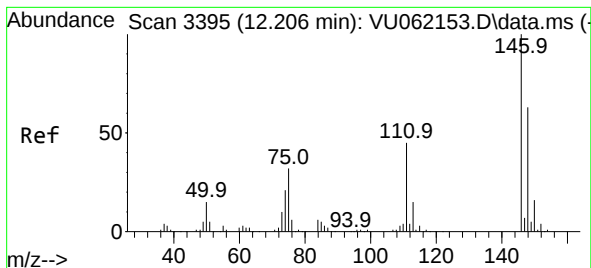
Tgt Ion:146 Resp: 88882
Ion Ratio Lower Upper
146 100
111 44.7 30.7 57.1
148 64.0 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.961 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

Tgt Ion:146 Resp: 86206
Ion Ratio Lower Upper
146 100
111 41.2 29.3 54.3
148 62.8 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.040 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

Instrument :

MSVOA_U

ClientSampleId :

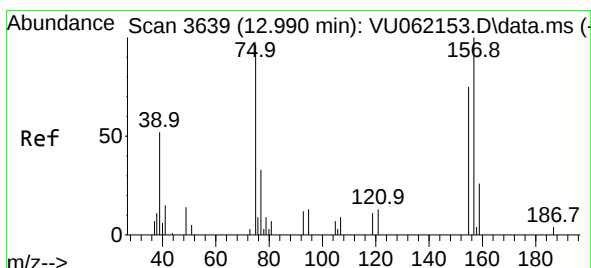
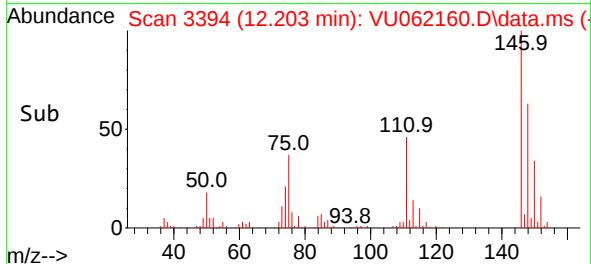
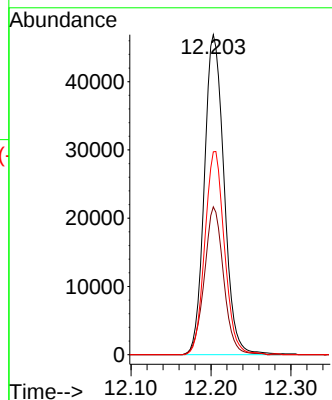
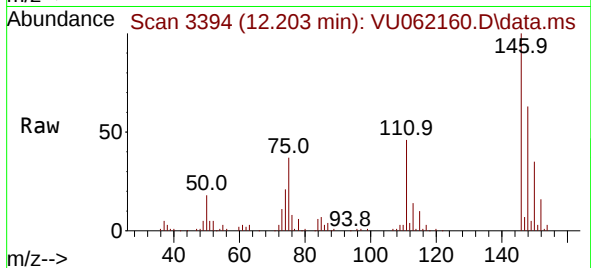
Tgt Ion:146 Resp: 80371

Ion Ratio Lower Upper

146 100

111 46.2 36.0 54.0

148 63.4 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.358 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

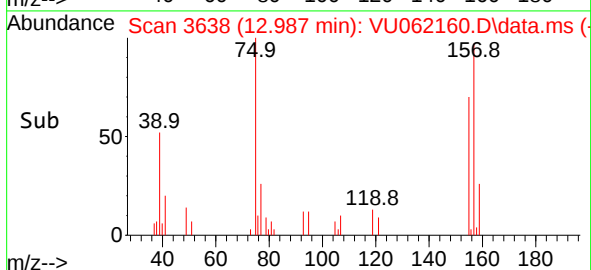
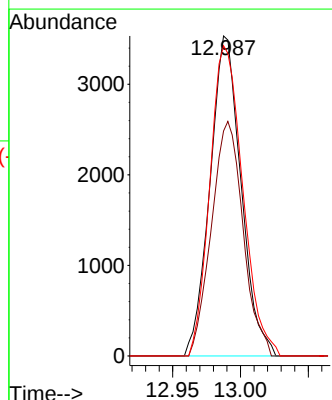
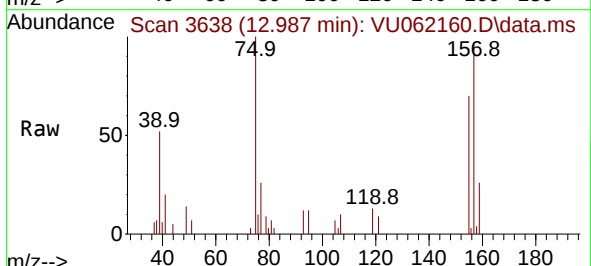
Tgt Ion: 75 Resp: 5620

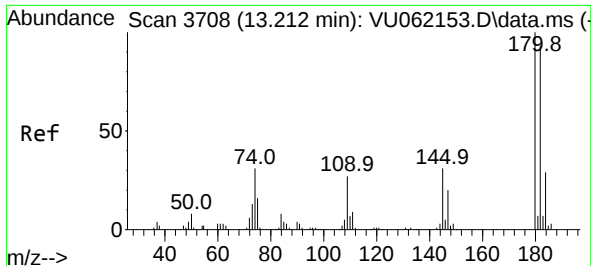
Ion Ratio Lower Upper

75 100

155 70.3 55.2 82.8

157 97.0 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.955 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.000 min

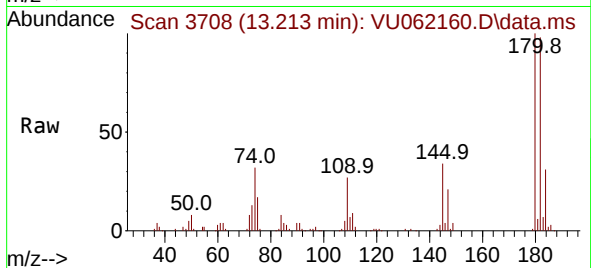
Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 63559

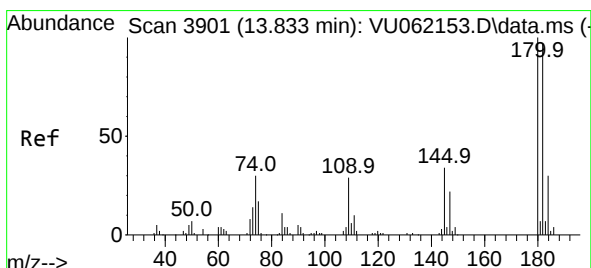
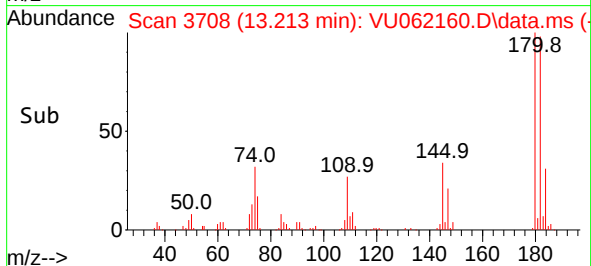
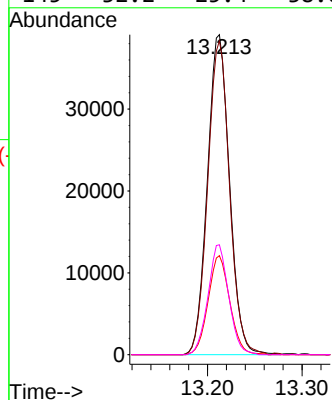
Ion Ratio Lower Upper

180 100

182 96.7 76.7 115.1

184 30.3 24.8 37.2

145 32.2 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.750 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU062160.D

Acq: 09 Dec 2024 15:36

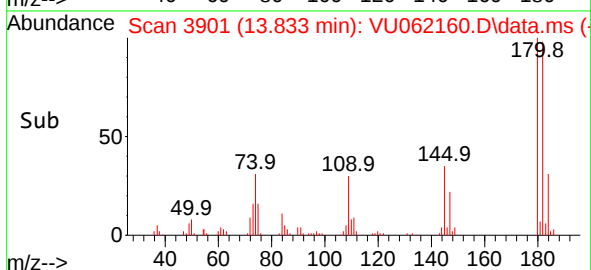
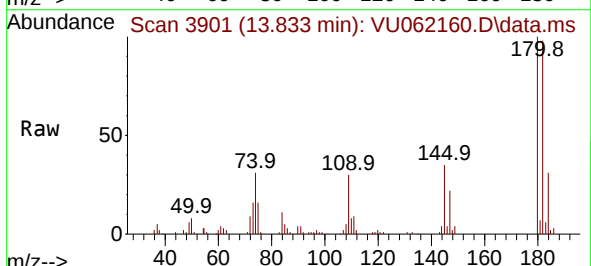
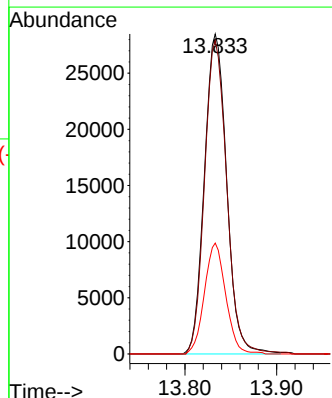
Tgt Ion:180 Resp: 48112

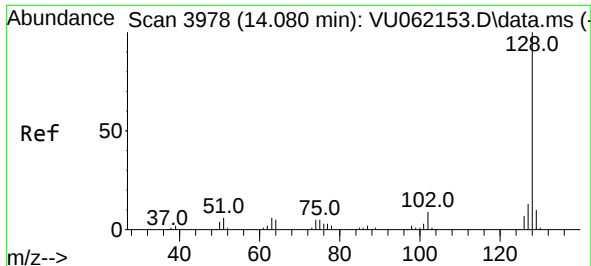
Ion Ratio Lower Upper

180 100

182 97.5 74.5 111.7

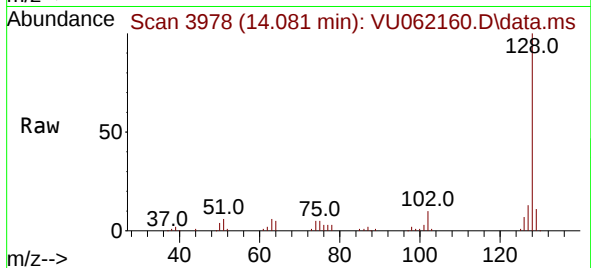
145 33.1 25.6 38.4



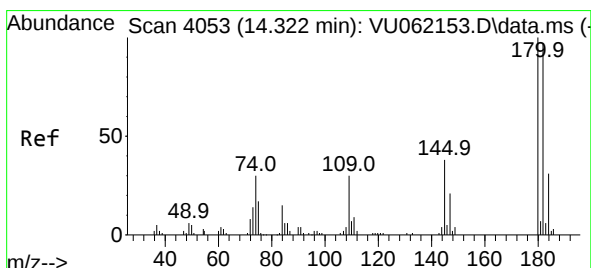
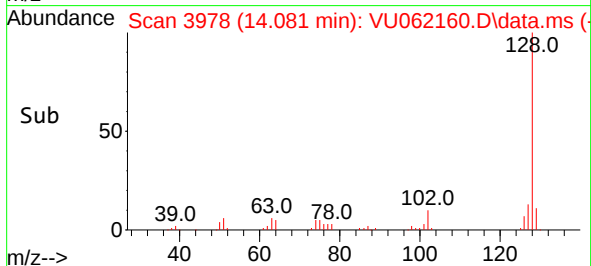
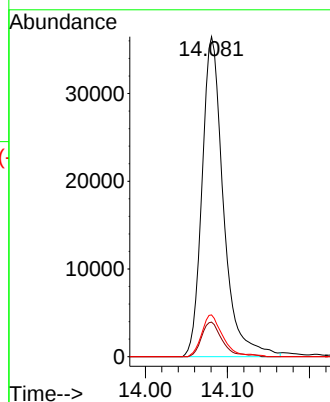


#71
Naphthalene
Concen: 4.353 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 66207
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.633 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU062160.D
Acq: 09 Dec 2024 15:36

Tgt Ion:180 Resp: 41383
Ion Ratio Lower Upper
180 100
182 96.3 76.1 114.1
145 34.1 27.4 41.0

