

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062203.D
 Acq On : 10 Dec 2024 10:33
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 15:36:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 10 00:32:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91609	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83703	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41515	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28275	4.576	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.907	69	22633	5.150	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.560	65	13181	4.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.624	46	73590	62.142	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.280%
24) Chloroform-d	5.052	84	69796	5.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.692	65	38051	5.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.800%
32) Benzene-d6	5.718	84	121216	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.682	67	36070	5.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.888	98	109653	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.174	79	15614	5.143	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.627	63	58873	64.273	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.540%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	33270	6.198	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.000%#
66) 1,2-Dichlorobenzene-d4	12.184	152	40864	5.342	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	38540	4.491	ug/L	97
3) Chloromethane	1.518	50	34621	5.147	ug/L	98
5) Vinyl chloride	1.599	62	34346	4.904	ug/L #	80
6) Bromomethane	1.853	94	20181	4.323	ug/L	98
8) Chloroethane	1.927	64	19711	5.025	ug/L	93
9) Trichlorofluoromethane	2.129	101	56791	4.672	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27721	4.190	ug/L	92
12) 1,1-Dichloroethene	2.573	96	28243	4.566	ug/L	91
13) Acetone	2.641	43	51295	63.618	ug/L	96
14) Carbon disulfide	2.785	76	84954	4.343	ug/L	99
15) Methyl Acetate	2.952	43	13276	6.570	ug/L #	90
16) Methylene chloride	3.036	84	36674	5.648	ug/L	87
17) Methyl tert-butyl Ether	3.358	73	89464	5.806	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	30731	4.836	ug/L	93
19) 1,1-Dichloroethane	3.859	63	60629	5.205	ug/L	99
21) 2-Butanone	4.705	43	74563	63.677	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	37177	5.219	ug/L	95
23) Bromochloromethane	4.968	128	18151	5.813	ug/L #	80
25) Chloroform	5.078	83	71356	5.438	ug/L	99

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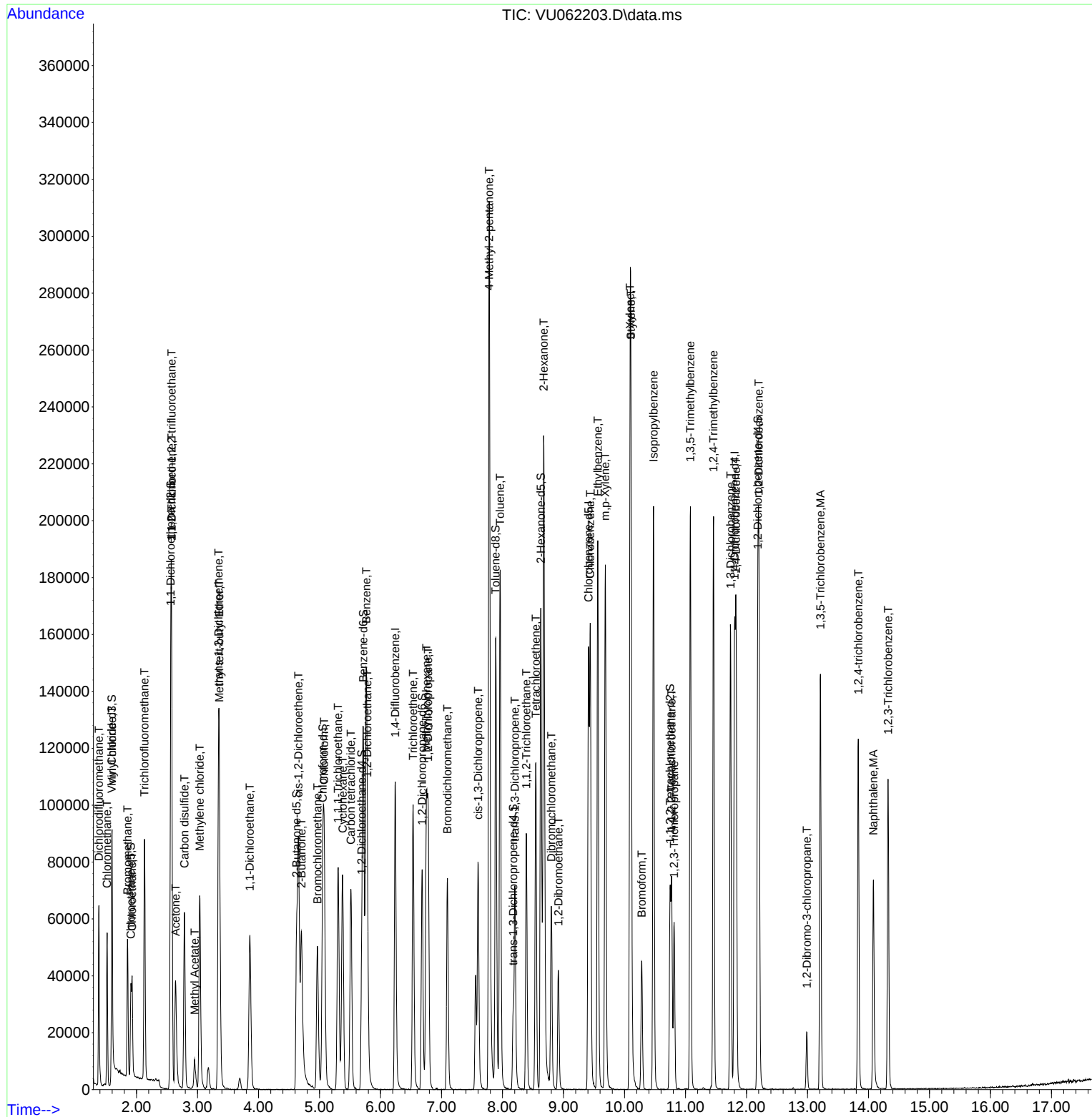
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	46987	5.635	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	60449	5.134	ug/L	94
30) Cyclohexane	5.380	56	36623	3.836	ug/L	91
31) Carbon tetrachloride	5.515	117	51607	4.780	ug/L	99
33) Benzene	5.766	78	132548	5.110	ug/L	100
34) Trichloroethene	6.534	95	36167	4.922	ug/L	98
35) Methylcyclohexane	6.753	83	41156	3.778	ug/L	95
37) 1,2-Dichloropropane	6.782	63	34152	5.407	ug/L	99
38) Bromodichloromethane	7.097	83	50306	5.645	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	50519	4.989	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	187321	63.273	ug/L #	92
42) Toluene	7.962	91	135927	4.860	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	44077	5.331	ug/L	96
45) 1,1,2-Trichloroethane	8.389	97	28498	5.976	ug/L	97
47) Tetrachloroethene	8.547	164	25741	4.537	ug/L	92
48) 2-Hexanone	8.676	43	140699	64.307	ug/L #	95
49) Dibromochloromethane	8.801	129	34549	5.996	ug/L	96
50) 1,2-Dibromoethane	8.917	107	27932	6.096	ug/L #	97
51) Chlorobenzene	9.438	112	88773	4.953	ug/L	96
52) Ethylbenzene	9.563	91	140064	4.466	ug/L	100
53) m,p-Xylene	9.685	106	53327	4.606	ug/L	94
54) o-Xylene	10.090	106	54679	4.856	ug/L	95
55) Styrene	10.106	104	90837	4.894	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	33796	6.089	ug/L #	98
59) Bromoform	10.283	173	20730	6.354	ug/L	99
60) Isopropylbenzene	10.476	105	137052	4.570	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	23977	6.246	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	117095	4.614	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	114750	4.615	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	69129	5.018	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	67652	4.877	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	65583	5.152	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5556	6.635	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.212	180	47580	4.646	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	38384	4.747	ug/L	99
71) Naphthalene	14.081	128	65796	5.419	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	35770	5.017	ug/L	99

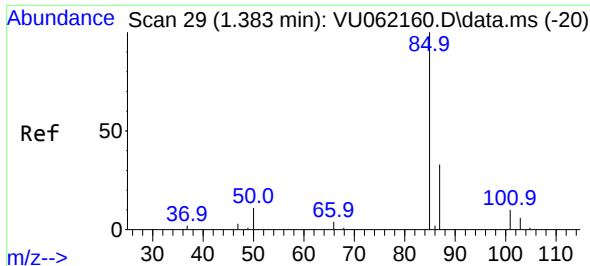
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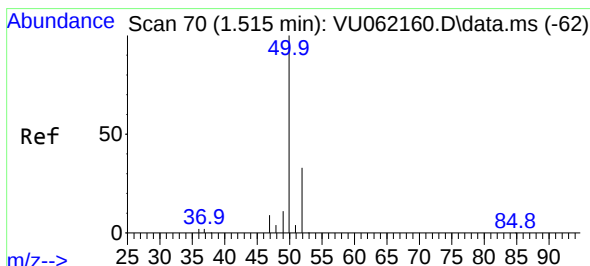
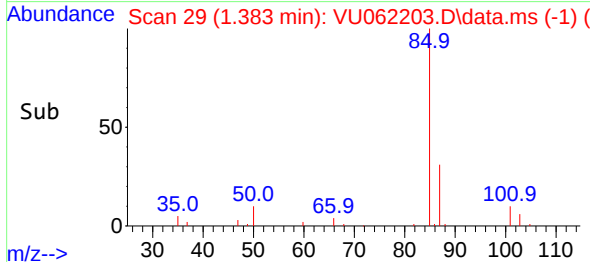
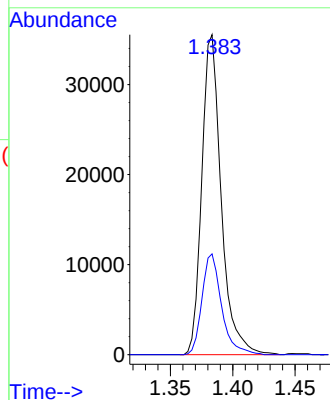
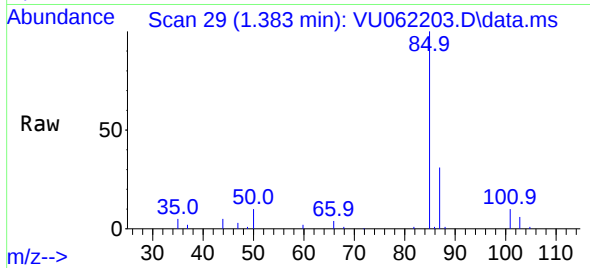




#2
 Dichlorodifluoromethane
 Concen: 4.491 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU062203.D
 Acq: 10 Dec 2024 10:33

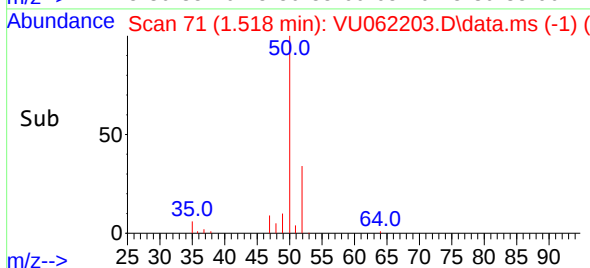
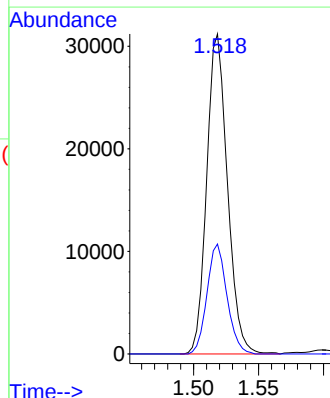
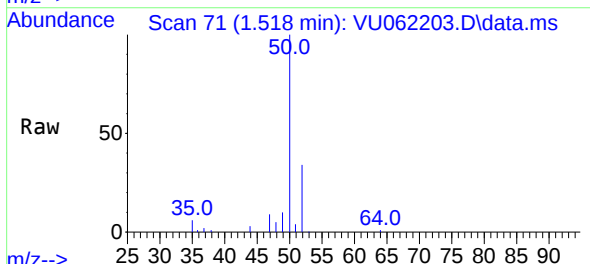
Instrument :
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 ClientSampleId :

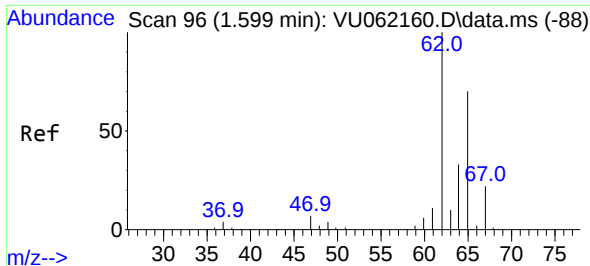
Tgt Ion: 85 Resp: 38540
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.6 40.0



#3
 Chloromethane
 Concen: 5.147 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU062203.D
 Acq: 10 Dec 2024 10:33

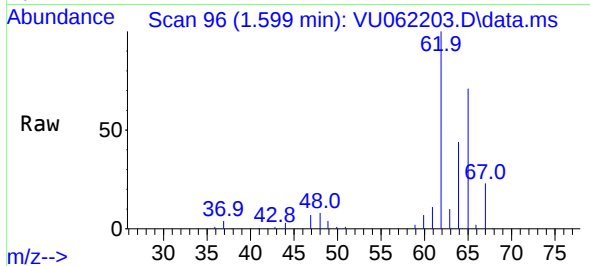
Tgt Ion: 50 Resp: 34621
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.1 42.9



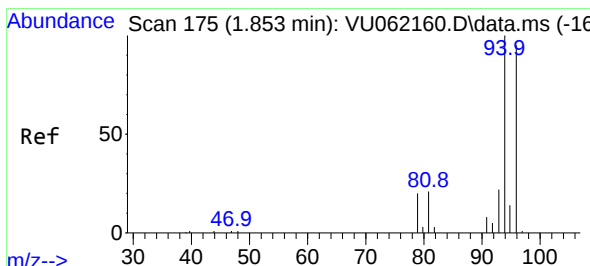
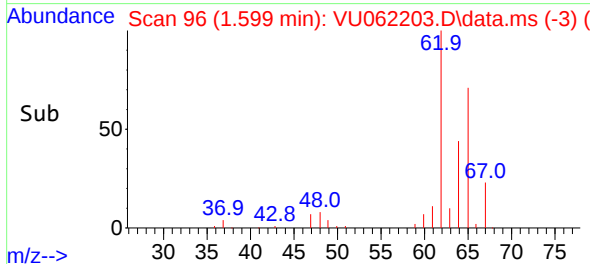
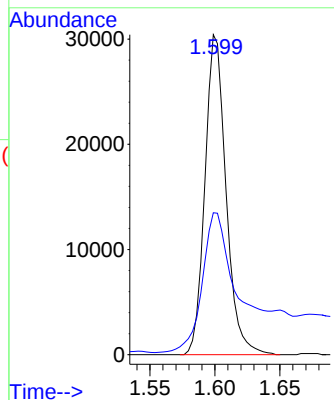


#5
Vinyl chloride
Concen: 4.904 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

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MSVOA_U
ClientSampleId :

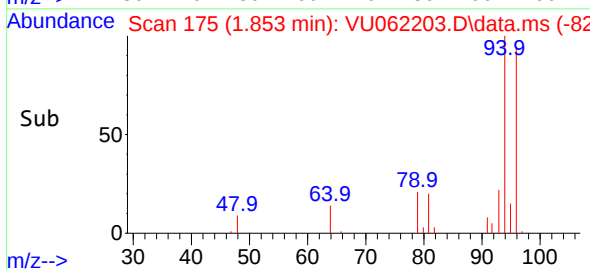
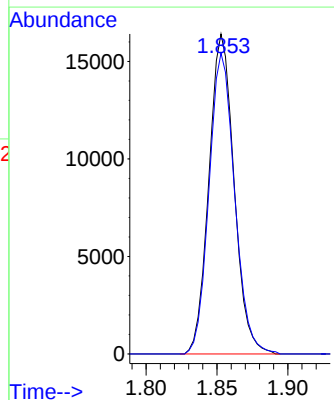
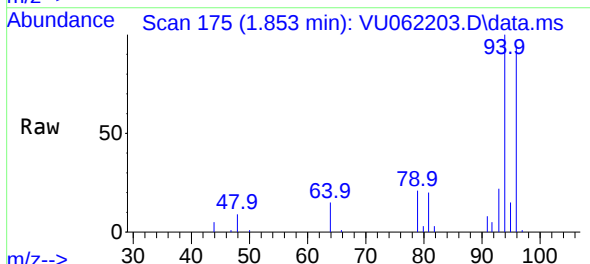


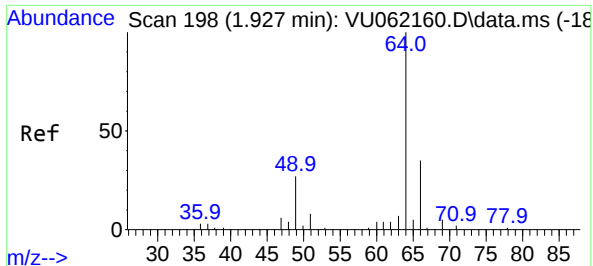
Tgt Ion: 62 Resp: 34346
Ion Ratio Lower Upper
62 100
64 44.4 23.1 42.9#



#6
Bromomethane
Concen: 4.323 ug/L
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion: 94 Resp: 20181
Ion Ratio Lower Upper
94 100
96 94.0 64.5 119.9

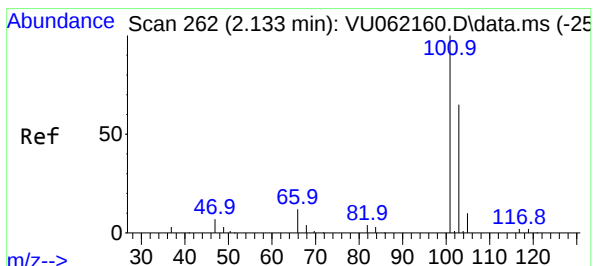
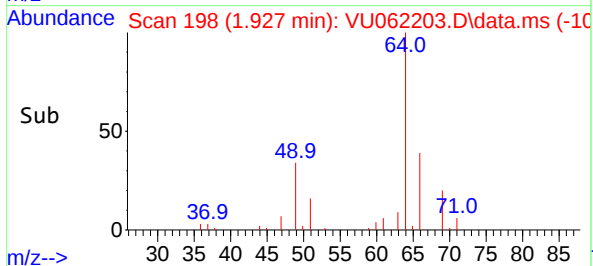
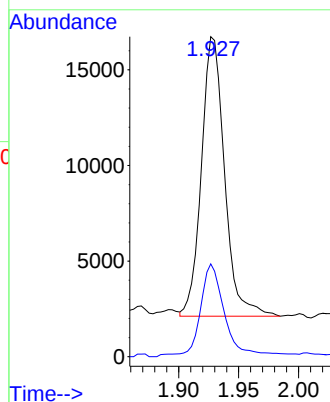
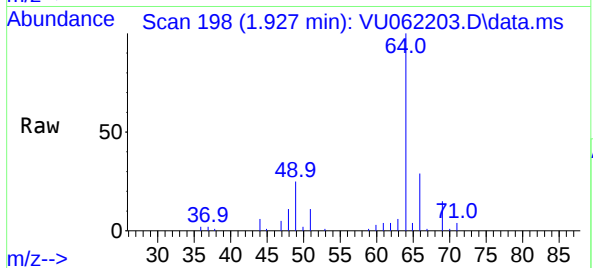




#8
Chloroethane
Concen: 5.025 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

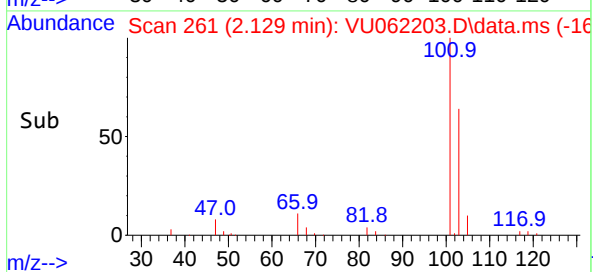
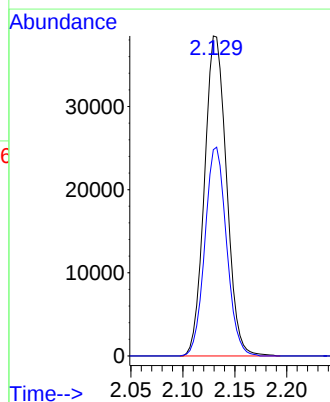
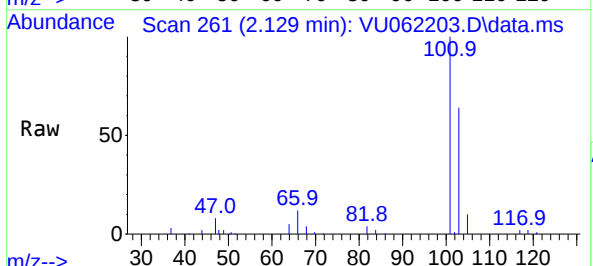
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MSVOA_U
ClientSampleId :

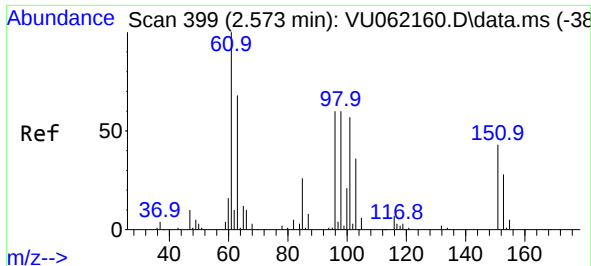
Tgt Ion: 64 Resp: 19711
Ion Ratio Lower Upper
64 100
66 29.0 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.672 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion:101 Resp: 56791
Ion Ratio Lower Upper
101 100
103 64.0 50.6 75.8

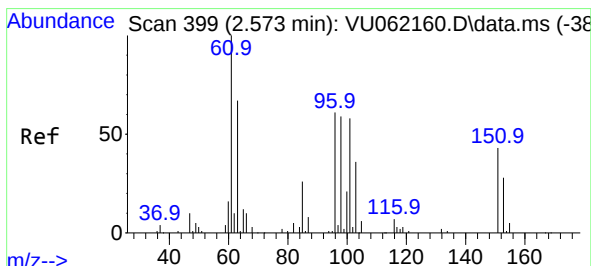
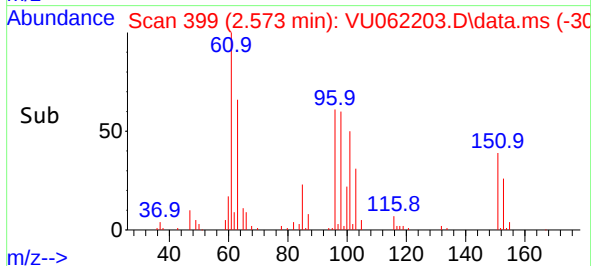
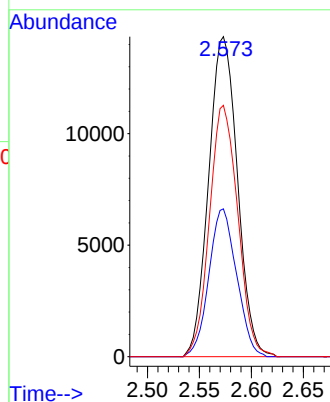
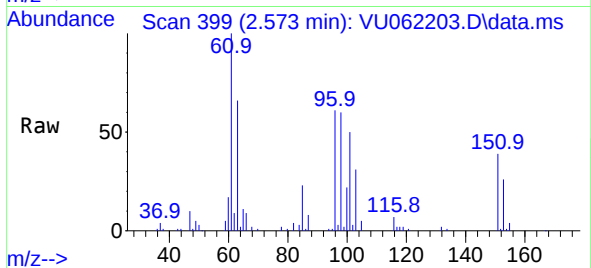




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.190 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062203.D
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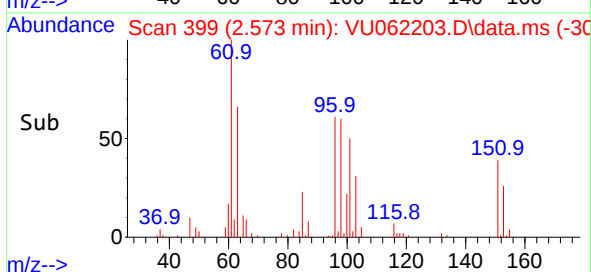
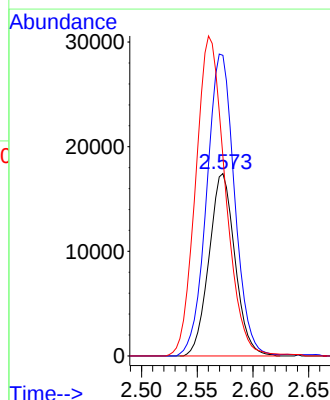
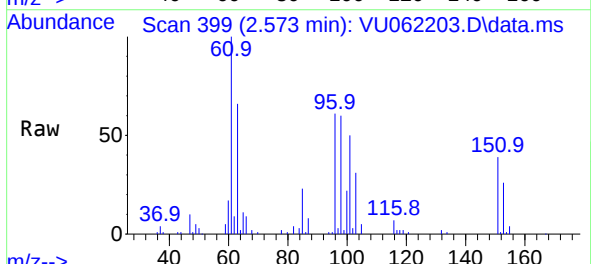
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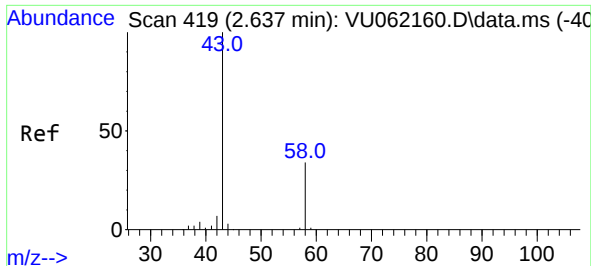
Tgt Ion:	101	Resp:	27721
Ion	Ratio	Lower	Upper
101	100		
85	44.4	38.0	57.0
151	77.1	55.3	82.9



#12
1,1-Dichloroethene
Concen: 4.566 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
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Tgt Ion:	96	Resp:	28243
Ion	Ratio	Lower	Upper
96	100		
61	164.7	119.6	222.2
63	109.2	65.0	120.6

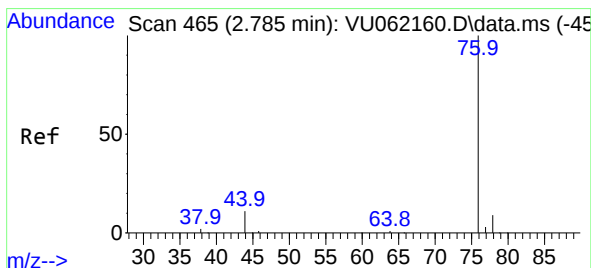
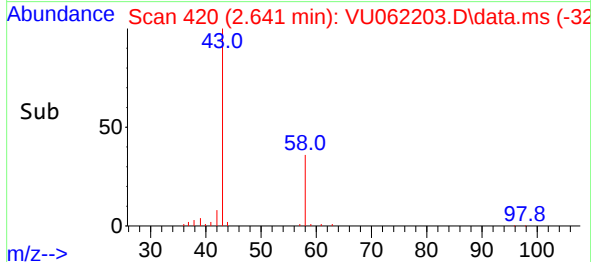
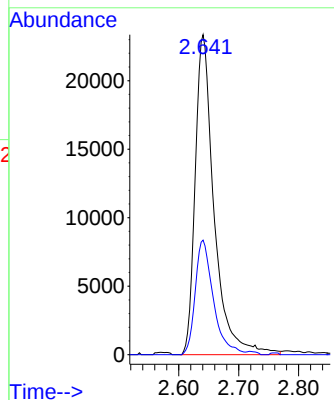
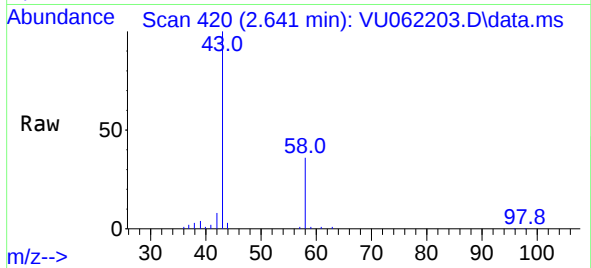




#13
Acetone
Concen: 63.618 ug/L
RT: 2.641 min Scan# 419
Delta R.T. 0.003 min
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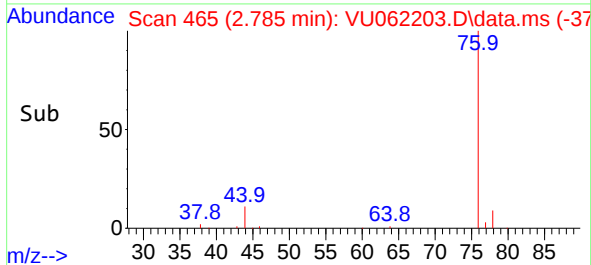
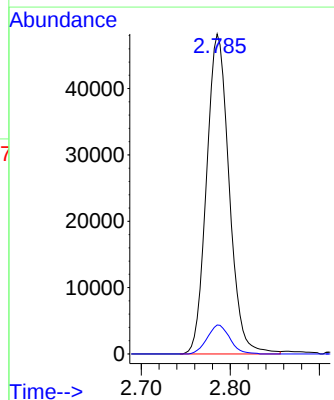
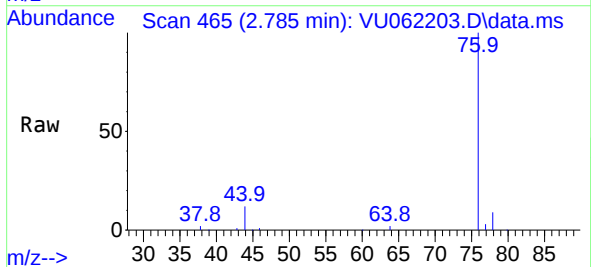
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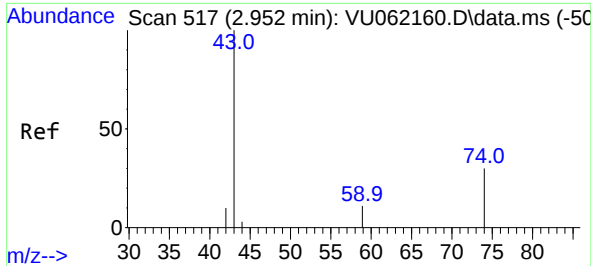
Tgt Ion: 43 Resp: 51295
Ion Ratio Lower Upper
43 100
58 34.4 0.0 64.0



#14
Carbon disulfide
Concen: 4.343 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion: 76 Resp: 84954
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 6.570 ug/L

RT: 2.952 min Scan# 517

Delta R.T. -0.000 min

Lab File: VU062203.D

Acq: 10 Dec 2024 10:33

Instrument :

MSVOA_U

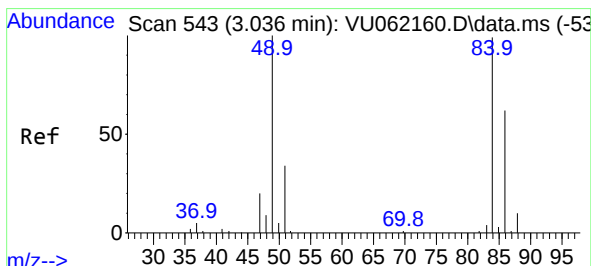
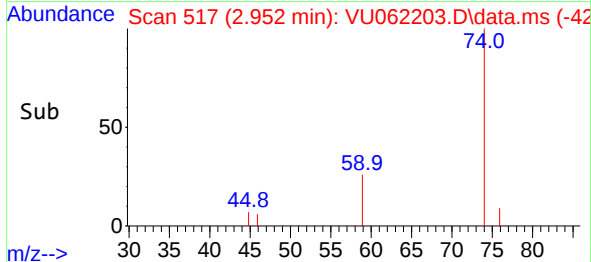
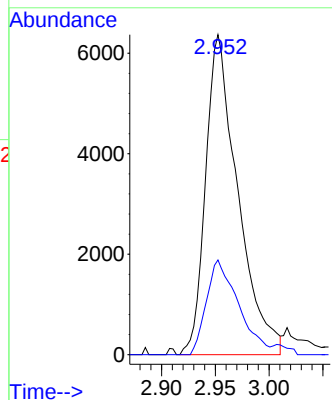
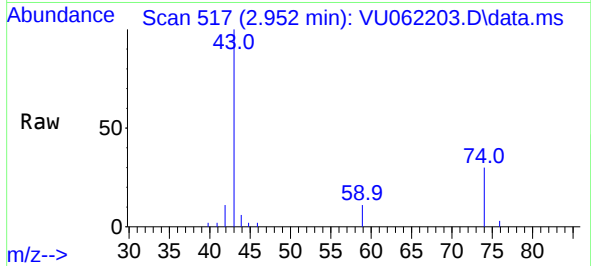
ClientSampleId :

Tgt Ion: 43 Resp: 13276

Ion Ratio Lower Upper

43 100

74 29.4 19.4 29.2#



#16

Methylene chloride

Concen: 5.648 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU062203.D

Acq: 10 Dec 2024 10:33

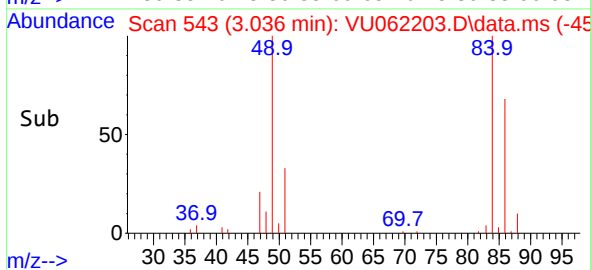
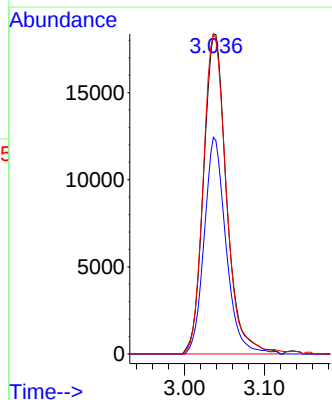
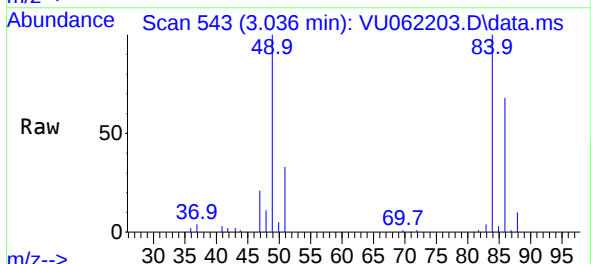
Tgt Ion: 84 Resp: 36674

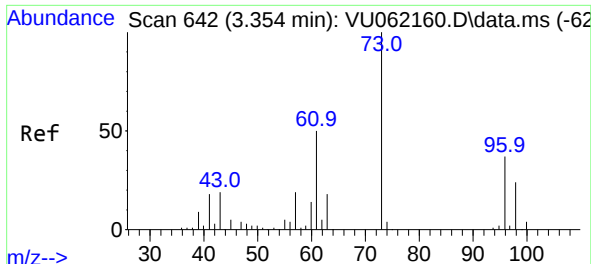
Ion Ratio Lower Upper

84 100

86 67.7 43.5 80.7

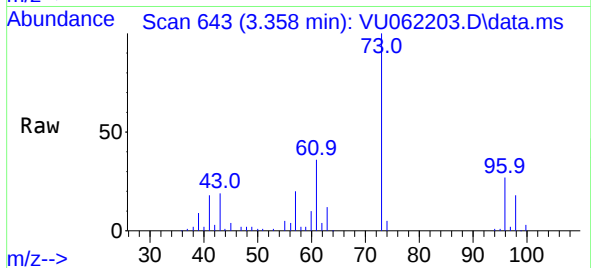
49 100.0 81.9 152.1



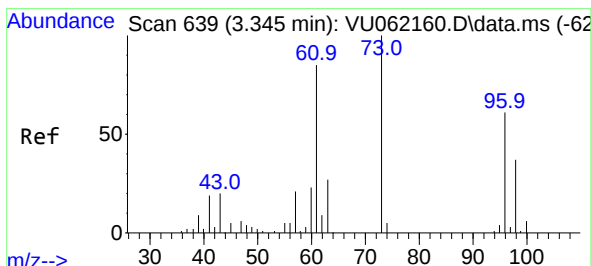
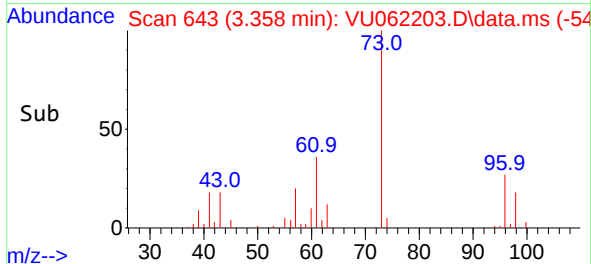
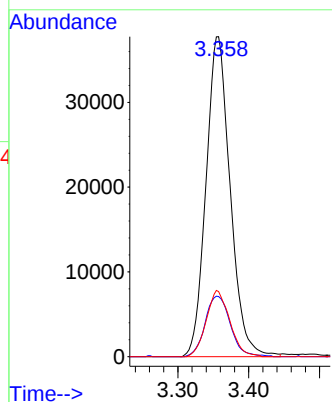


#17
Methyl tert-butyl Ether
Concen: 5.806 ug/L
RT: 3.358 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Instrument :
MSVOA_U
ClientSampleId :

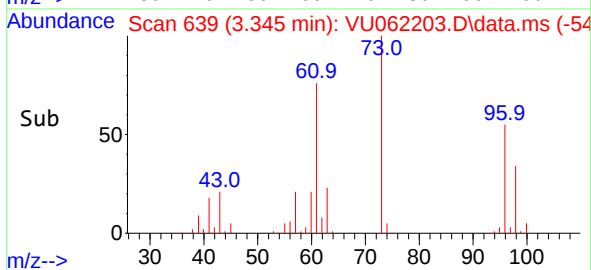
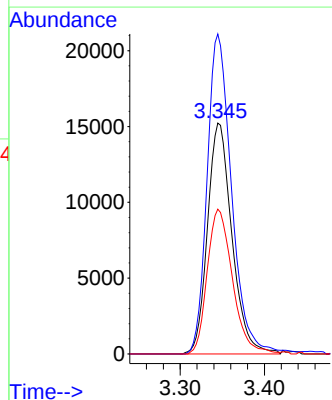
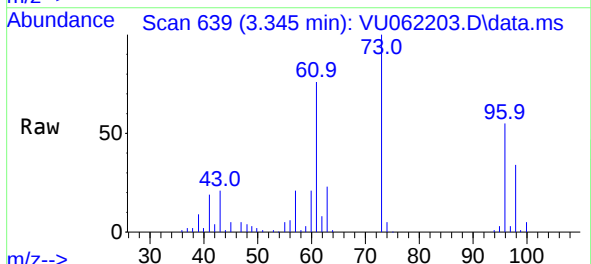


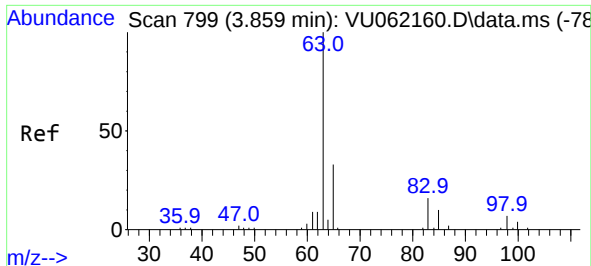
Tgt Ion: 73 Resp: 89464
Ion Ratio Lower Upper
73 100
43 19.8 16.3 24.5
57 20.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.836 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

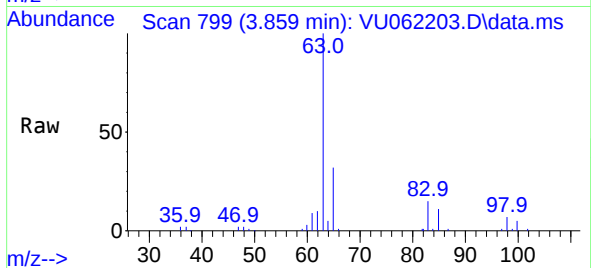
Tgt Ion: 96 Resp: 30731
Ion Ratio Lower Upper
96 100
61 138.6 104.2 193.4
98 62.7 45.7 84.9



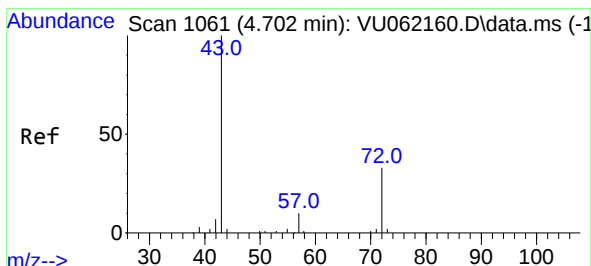
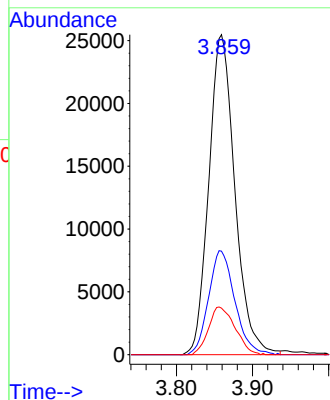
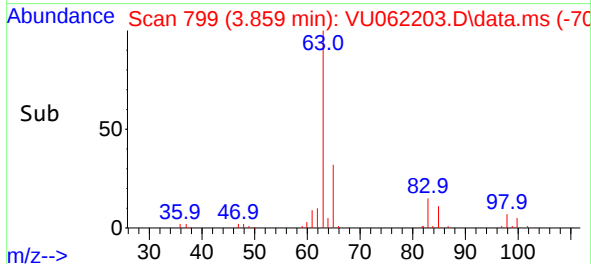


#19
1,1-Dichloroethane
Concen: 5.205 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Instrument :
MSVOA_U
ClientSampleId :

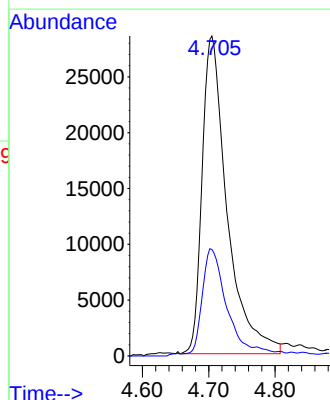
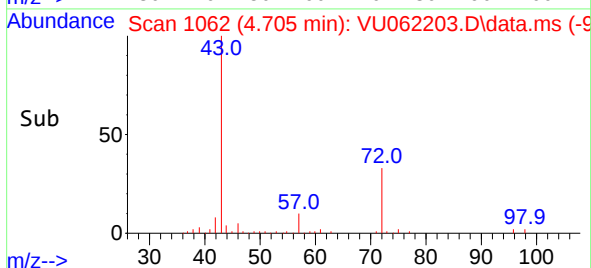
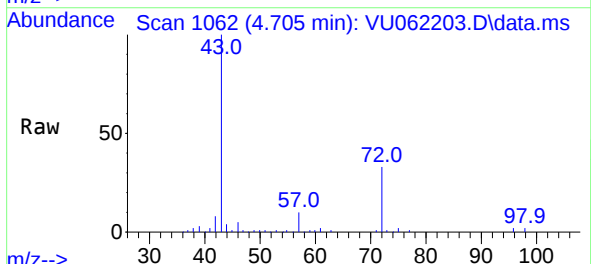


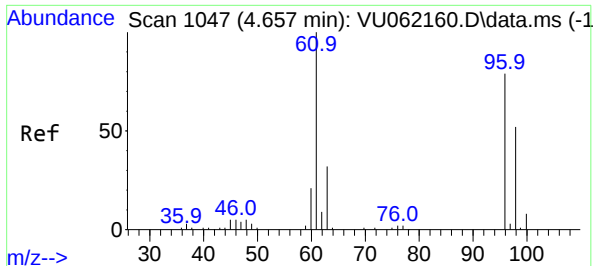
Tgt Ion: 63 Resp: 60629
Ion Ratio Lower Upper
63 100
65 32.3 22.7 42.3
83 14.6 9.9 18.3



#21
2-Butanone
Concen: 63.677 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.003 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion: 43 Resp: 74563
Ion Ratio Lower Upper
43 100
72 30.6 14.8 44.4

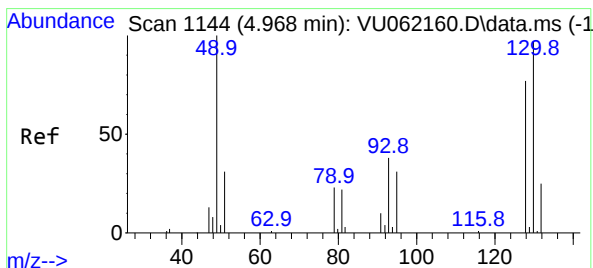
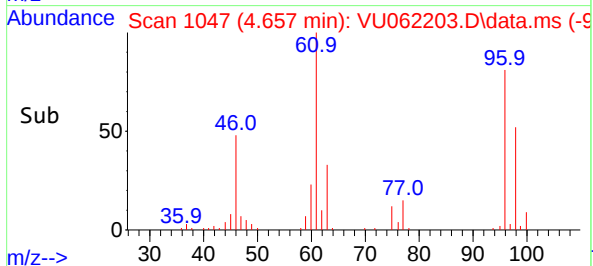
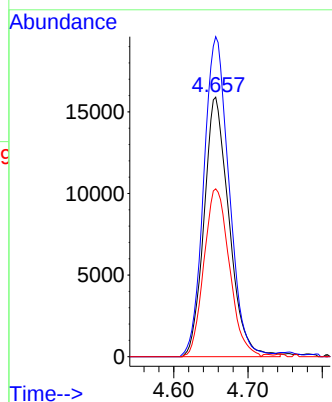
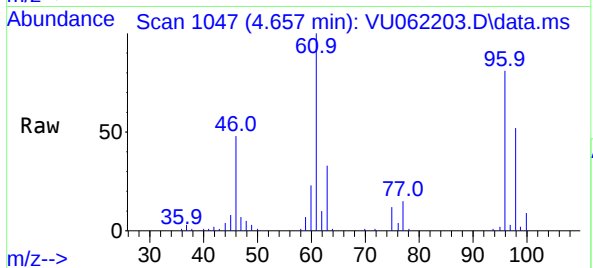




#22
cis-1,2-Dichloroethene
Concen: 5.219 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

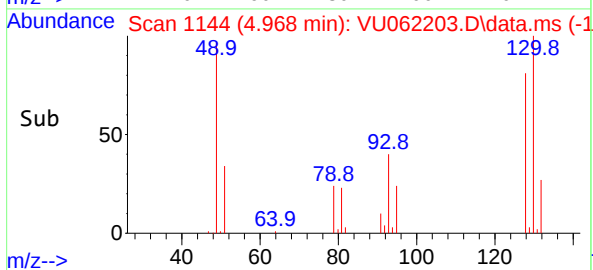
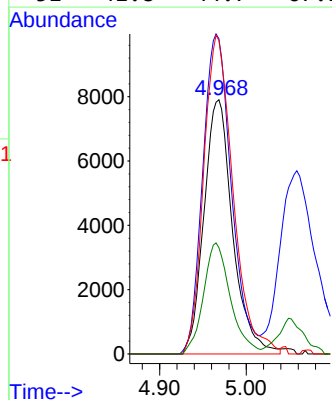
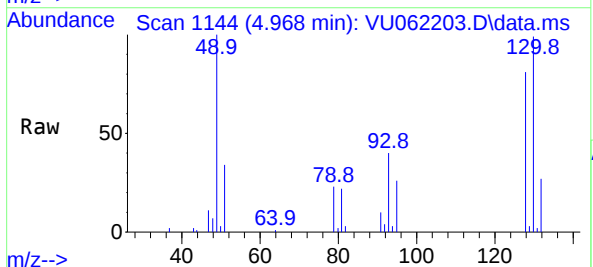
Instrument :
MSVOA_U
ClientSampleId :

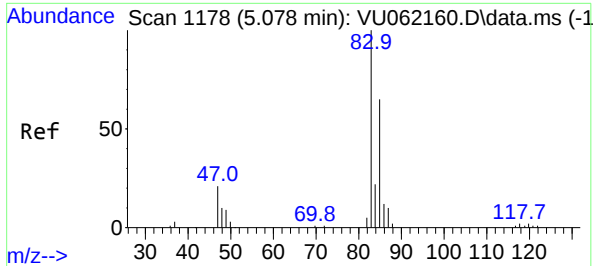
Tgt Ion: 96 Resp: 37177
Ion Ratio Lower Upper
96 100
61 123.3 92.0 170.8
98 64.7 44.5 82.7



#23
Bromochloromethane
Concen: 5.813 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion:128 Resp: 18151
Ion Ratio Lower Upper
128 100
49 124.0 115.3 214.1
130 123.3 92.0 170.8
51 41.8 44.7 67.1#

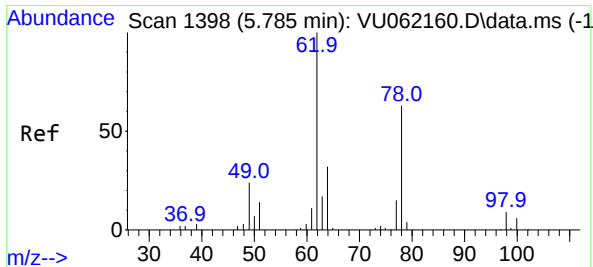
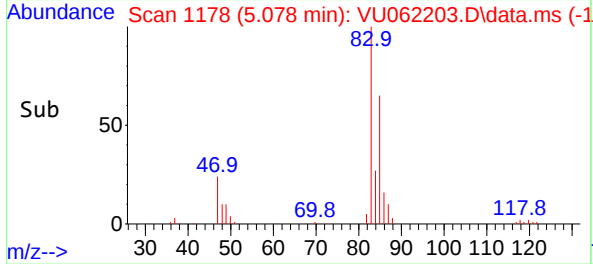
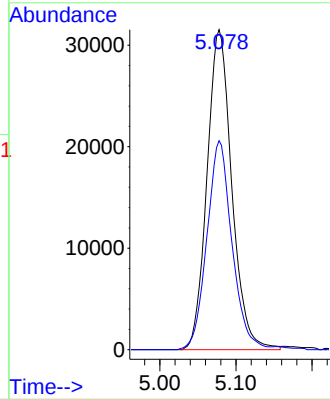
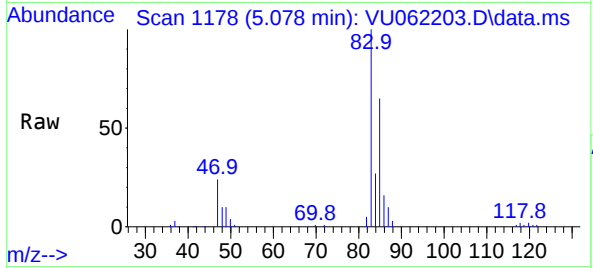




#25
Chloroform
Concen: 5.438 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

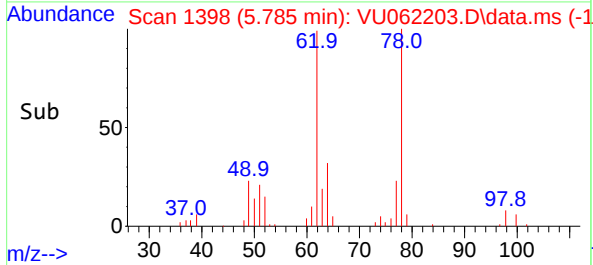
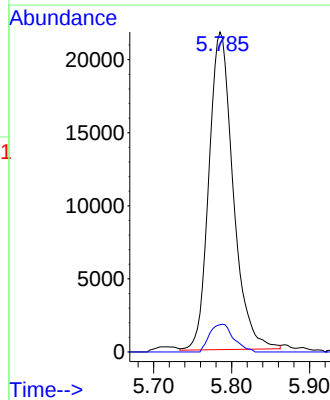
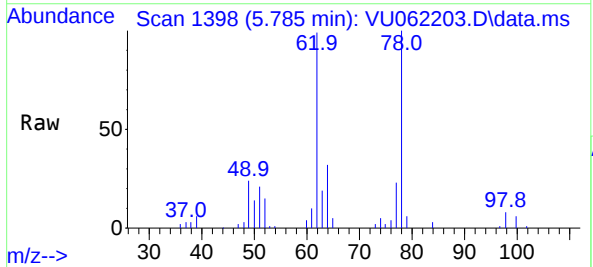
Instrument :
MSVOA_U
ClientSampleId :

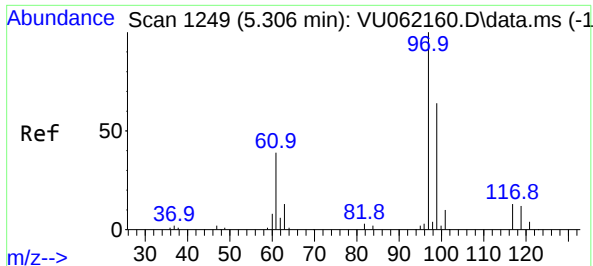
Tgt Ion: 83 Resp: 71356
Ion Ratio Lower Upper
83 100
85 65.3 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.635 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion: 62 Resp: 46987
Ion Ratio Lower Upper
62 100
98 8.5 7.4 11.0

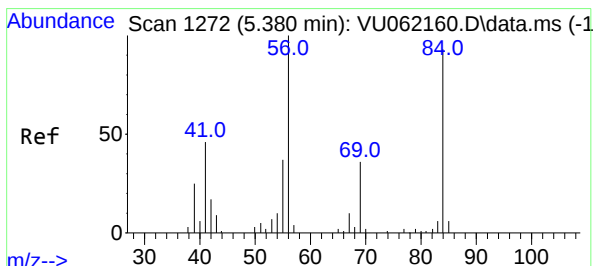
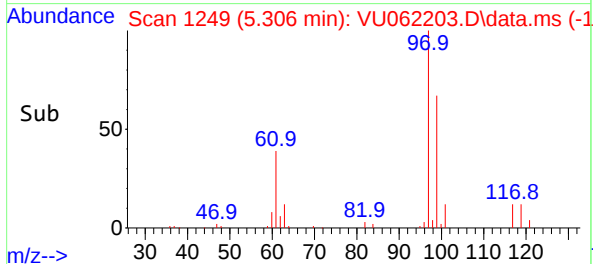
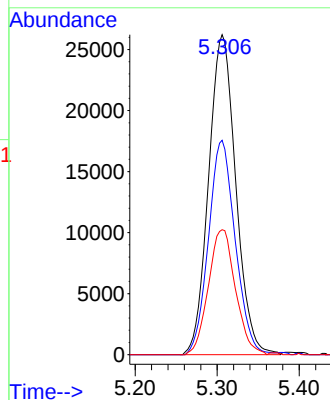
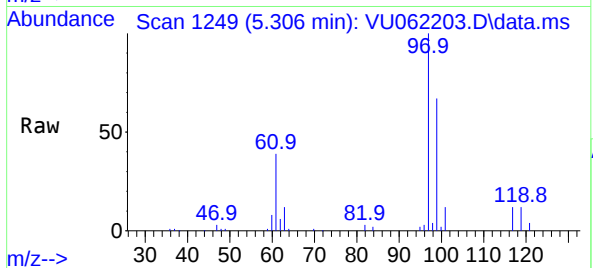




#29
1,1,1-Trichloroethane
Concen: 5.134 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

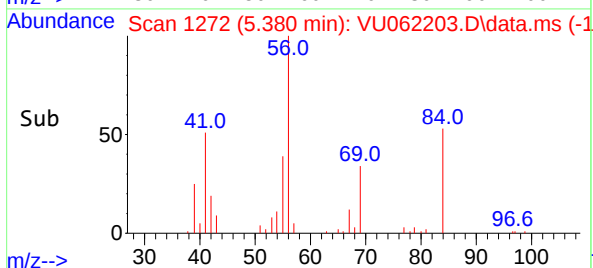
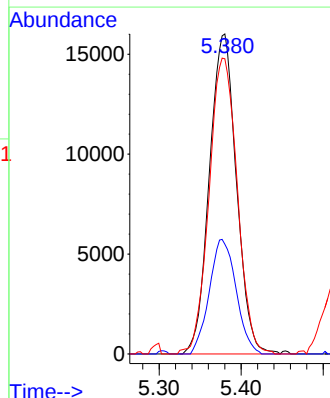
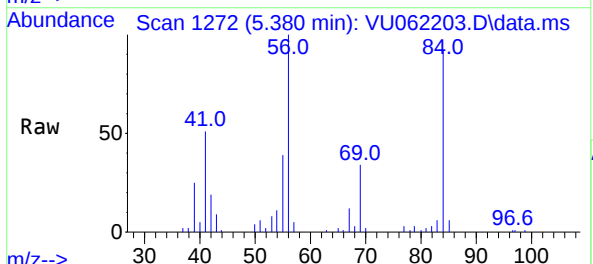
Instrument :
MSVOA_U
ClientSampleId :

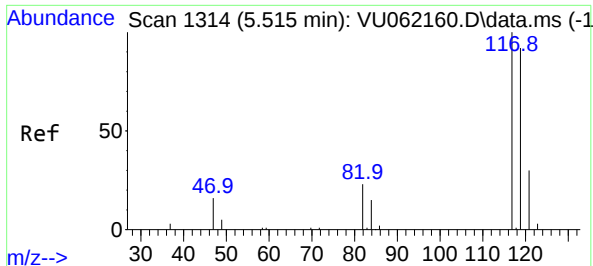
Tgt Ion:	97	Resp:	60449
Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.4	77.2
61	38.9	37.8	56.6



#30
Cyclohexane
Concen: 3.836 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion:	56	Resp:	36623
Ion	Ratio	Lower	Upper
56	100		
69	35.5	25.1	37.7
84	96.6	70.6	105.8

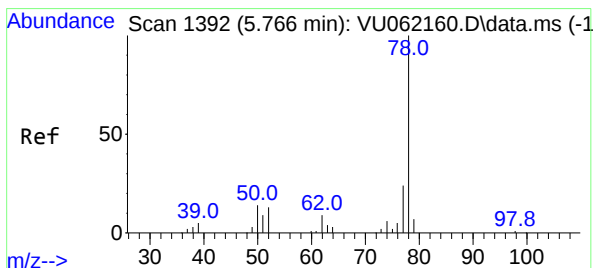
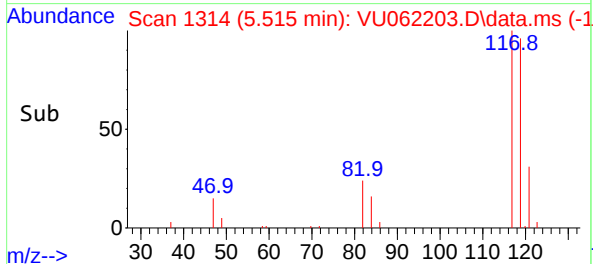
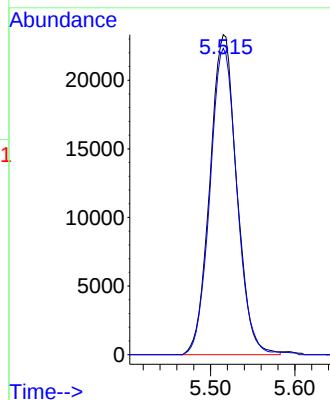
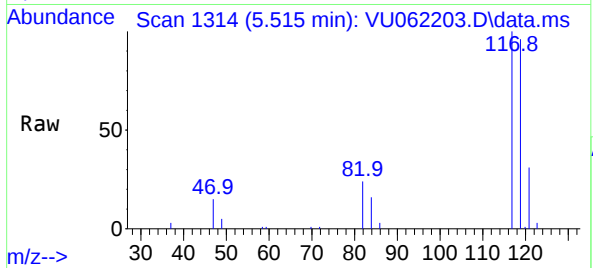




#31
Carbon tetrachloride
Concen: 4.780 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

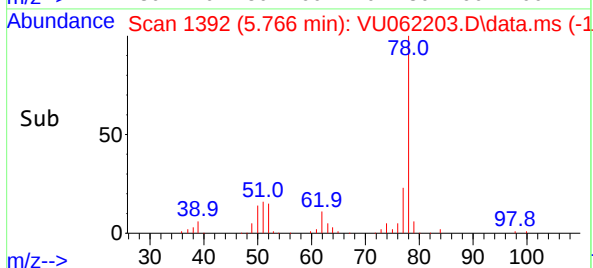
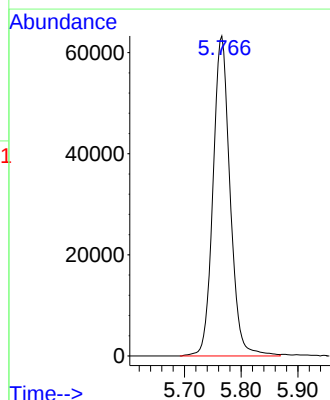
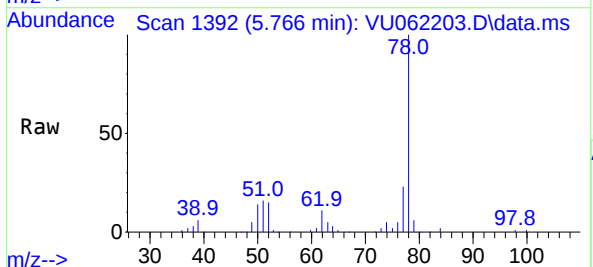
Instrument :
MSVOA_U
ClientSampleId :

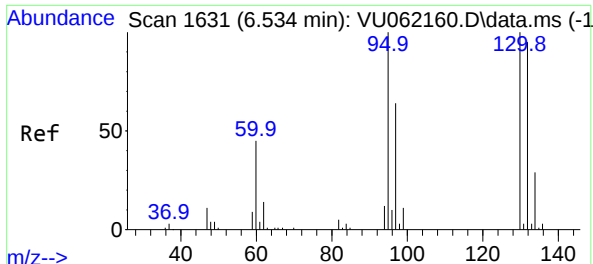
Tgt Ion:117 Resp: 51607
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3



#33
Benzene
Concen: 5.110 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion: 78 Resp: 132548





#34

Trichloroethene

Concen: 4.922 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

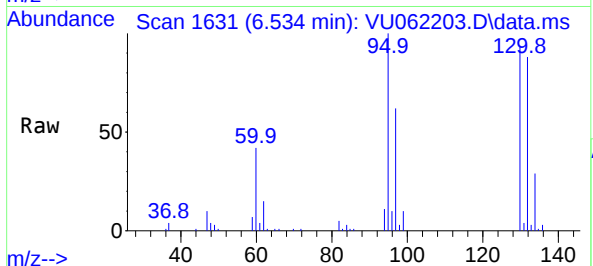
Lab File: VU062203.D

Acq: 10 Dec 2024 10:33

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 36167

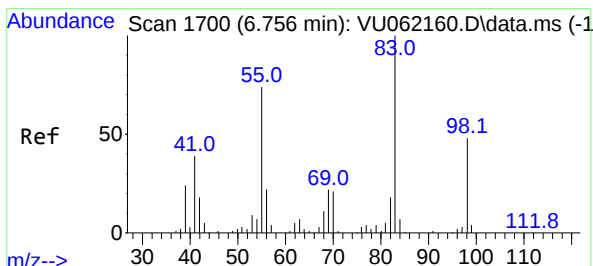
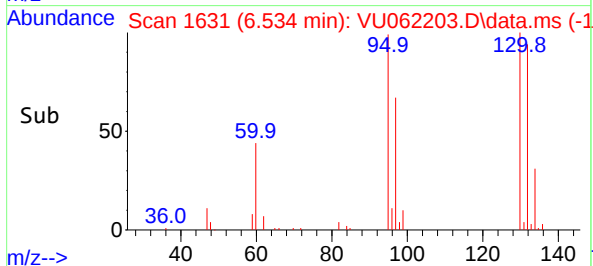
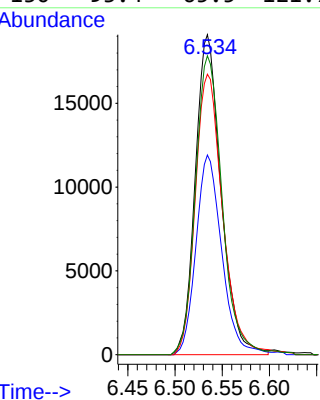
Ion Ratio Lower Upper

95 100

97 62.4 45.9 85.3

132 87.6 63.8 118.4

130 93.4 65.5 121.7



#35

Methylcyclohexane

Concen: 3.778 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU062203.D

Acq: 10 Dec 2024 10:33

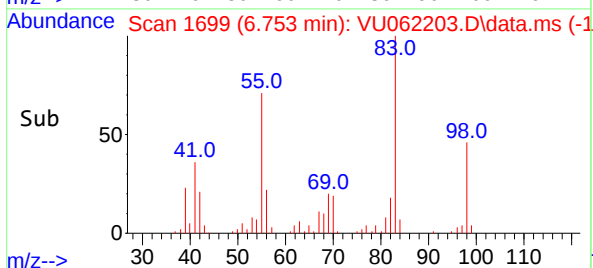
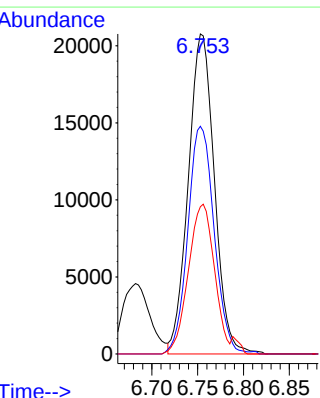
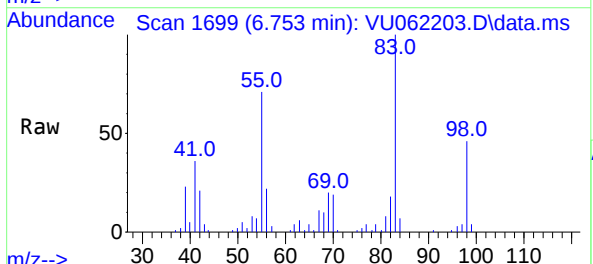
Tgt Ion: 83 Resp: 41156

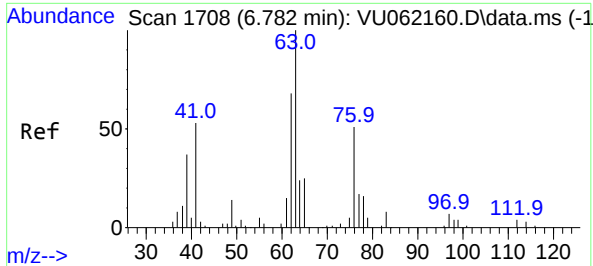
Ion Ratio Lower Upper

83 100

55 71.8 60.7 91.1

98 46.6 34.8 52.2

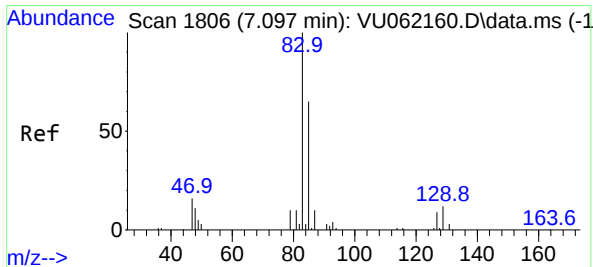
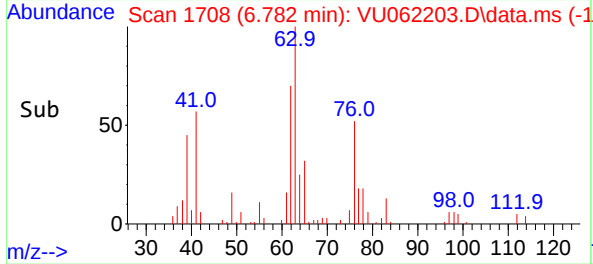
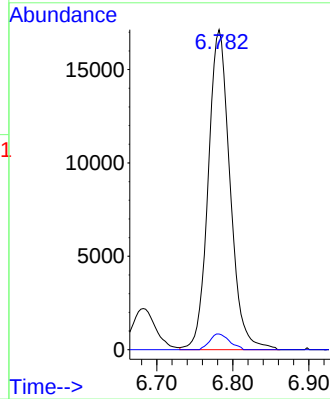
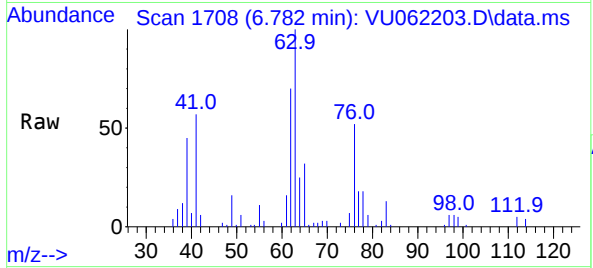




#37
1,2-Dichloropropane
Concen: 5.407 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

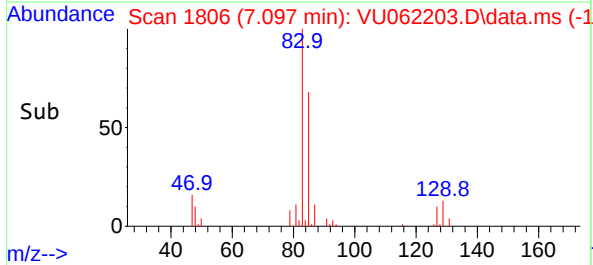
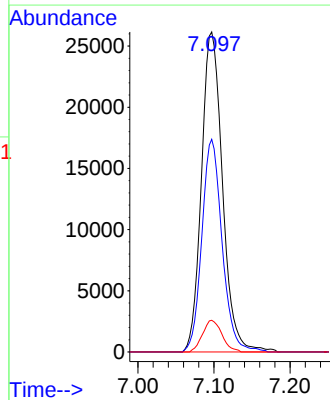
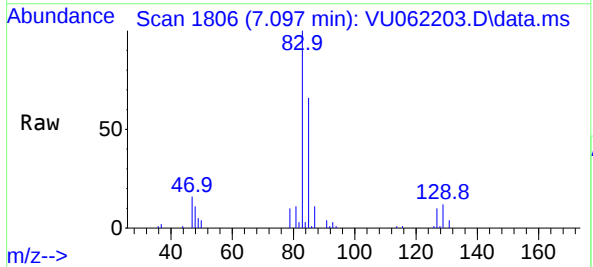
Instrument :
MSVOA_U
ClientSampleId :

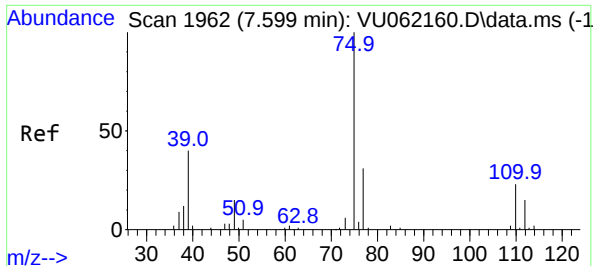
Tgt Ion: 63 Resp: 34152
Ion Ratio Lower Upper
63 100
112 4.4 3.4 5.0



#38
Bromodichloromethane
Concen: 5.645 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion: 83 Resp: 50306
Ion Ratio Lower Upper
83 100
85 66.5 44.1 81.9
127 9.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.989 ug/L

RT: 7.602 min Scan# 1962

Delta R.T. 0.003 min

Lab File: VU062203.D

Acq: 10 Dec 2024 10:33

Instrument :

MSVOA_U

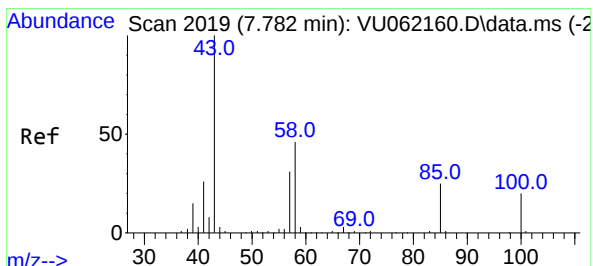
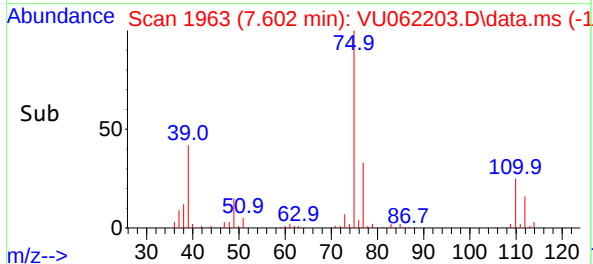
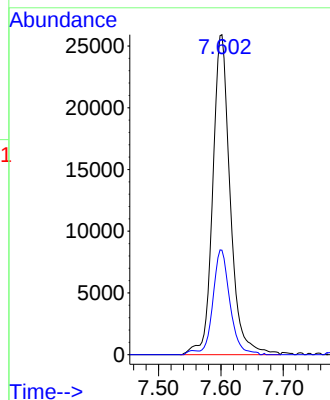
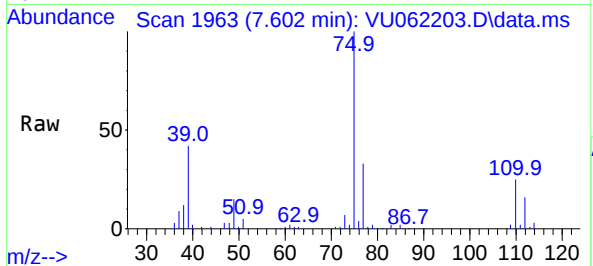
ClientSampleId :

Tgt Ion: 75 Resp: 50519

Ion Ratio Lower Upper

75 100

77 32.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 63.273 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU062203.D

Acq: 10 Dec 2024 10:33

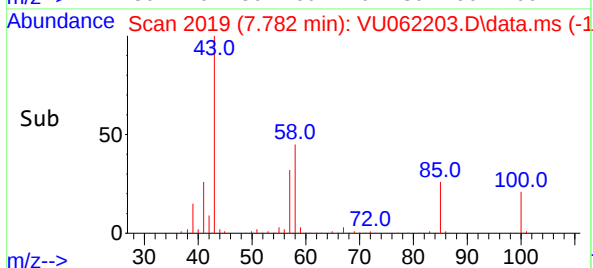
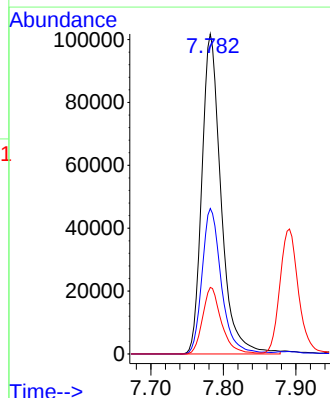
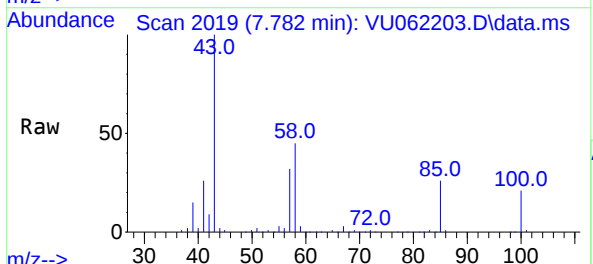
Tgt Ion: 43 Resp: 187321

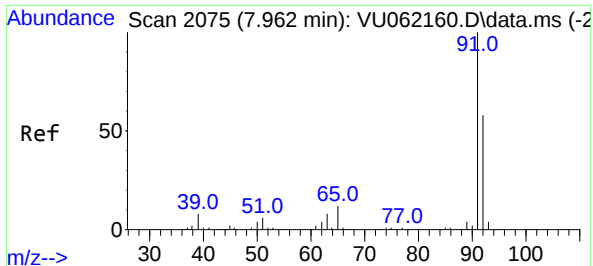
Ion Ratio Lower Upper

43 100

58 45.7 33.3 49.9

100 20.4 12.4 18.6#





#42

Toluene

Concen: 4.860 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062203.D

Acq: 10 Dec 2024 10:33

Instrument :

MSVOA_U

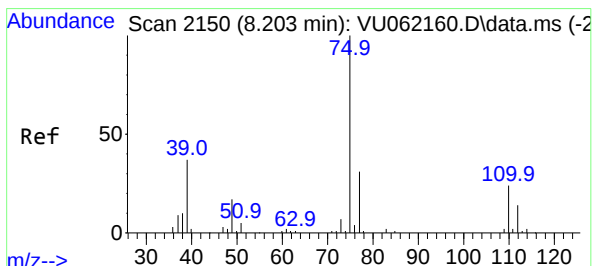
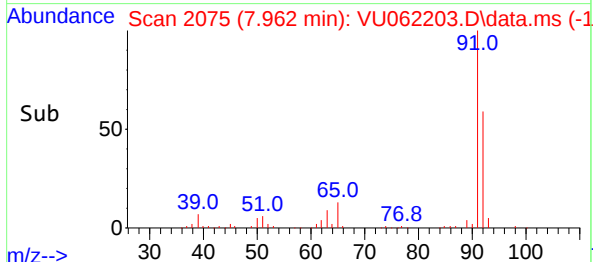
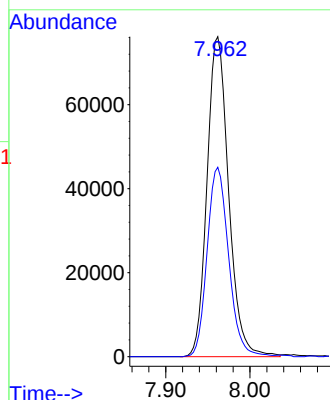
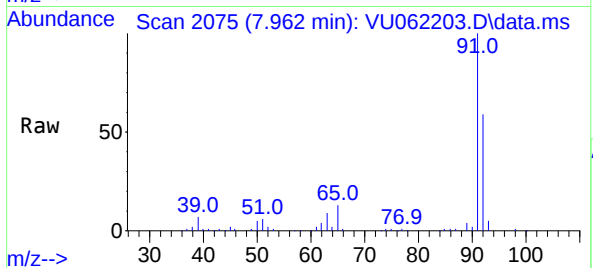
ClientSampleId :

Tgt Ion: 91 Resp: 135927

Ion Ratio Lower Upper

91 100

92 59.2 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.331 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062203.D

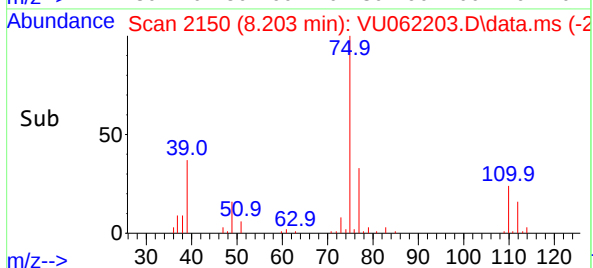
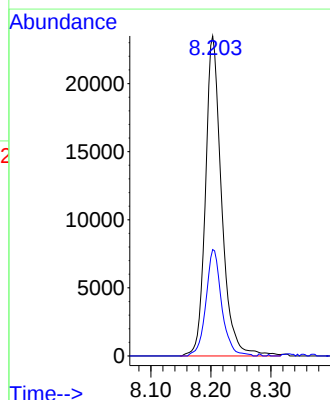
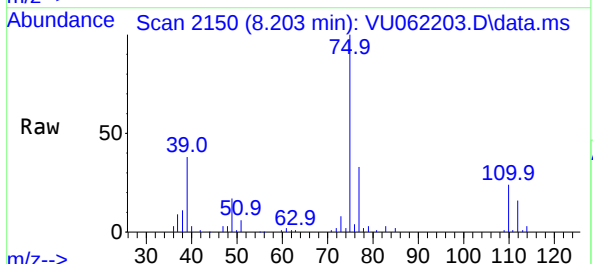
Acq: 10 Dec 2024 10:33

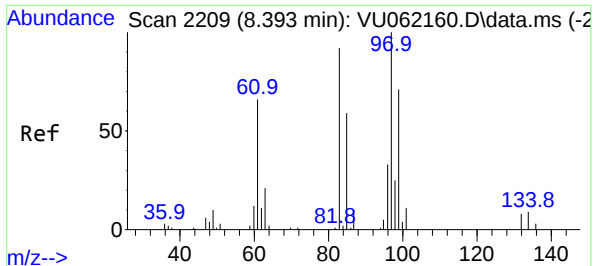
Tgt Ion: 75 Resp: 44077

Ion Ratio Lower Upper

75 100

77 33.3 21.8 40.4



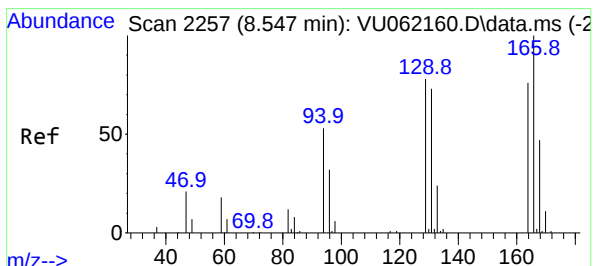
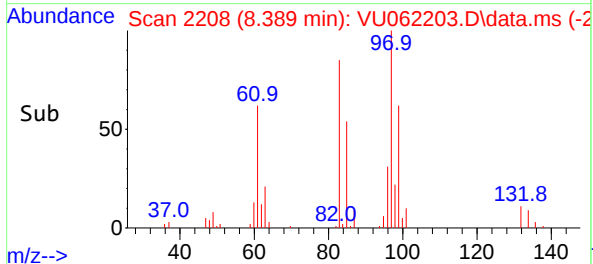
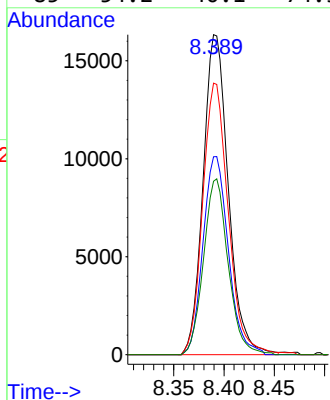
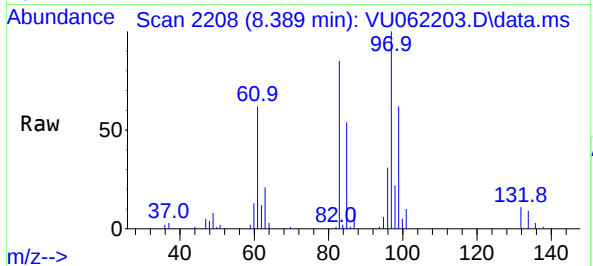


#45
1,1,2-Trichloroethane
Concen: 5.976 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 28498

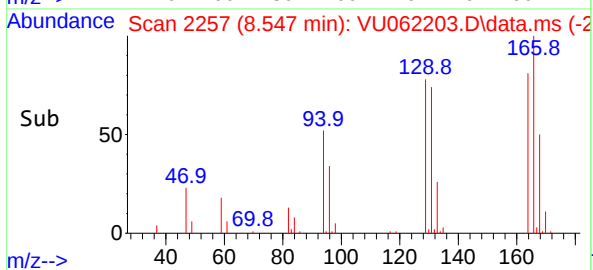
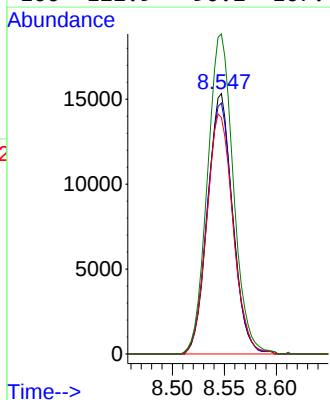
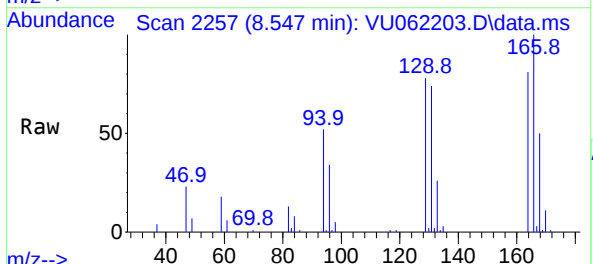
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.0	79.8
83	84.8	61.7	114.5
85	54.2	40.1	74.5

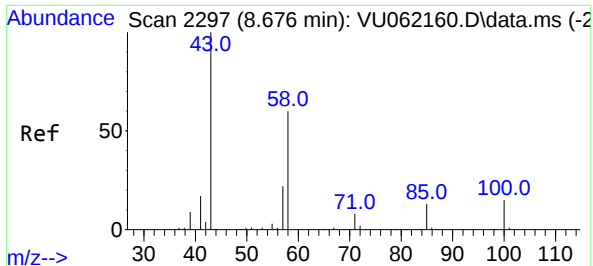


#47
Tetrachloroethene
Concen: 4.537 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion: 164 Resp: 25741

Ion	Ratio	Lower	Upper
164	100		
129	96.4	73.2	136.0
131	90.7	72.3	134.3
166	122.9	90.2	167.4

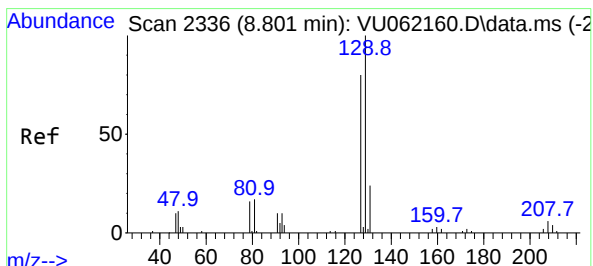
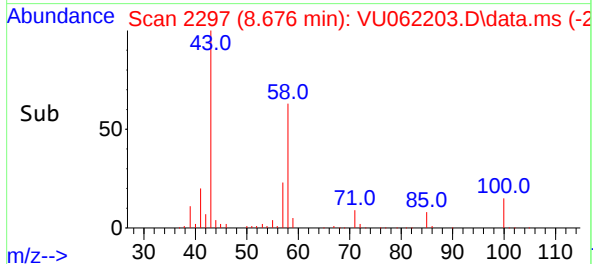
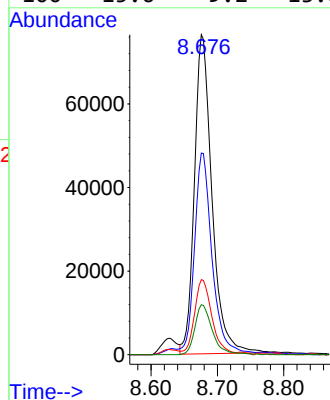
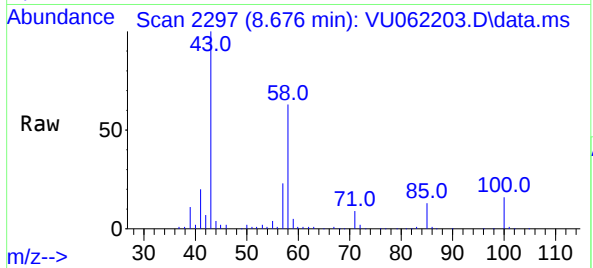




#48
2-Hexanone
Concen: 64.307 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

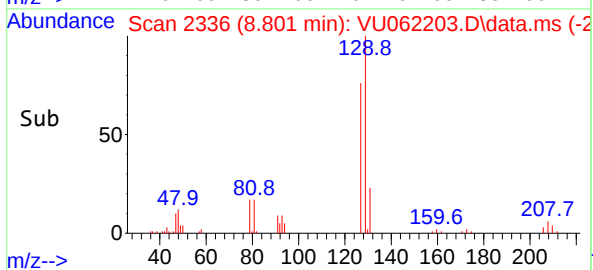
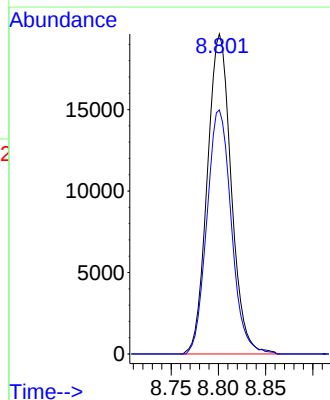
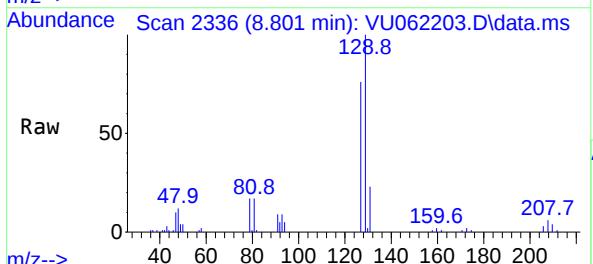
Instrument :
MSVOA_U
ClientSampleId :

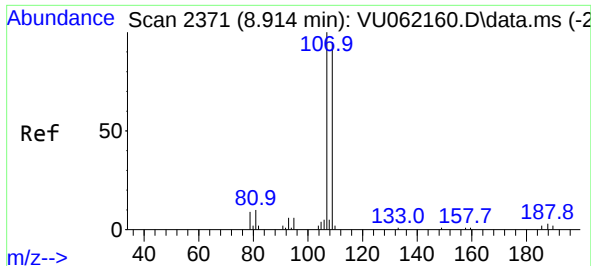
Tgt Ion: 43 Resp: 140699
Ion Ratio Lower Upper
43 100
58 61.7 47.5 71.3
57 23.4 15.6 23.4#
100 15.6 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.996 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

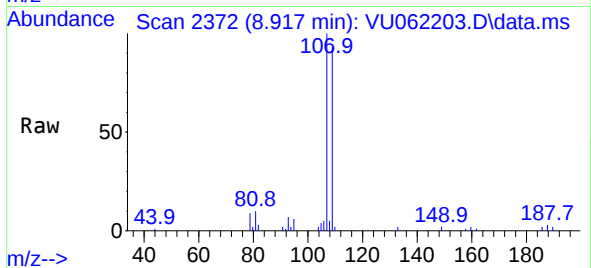
Tgt Ion:129 Resp: 34549
Ion Ratio Lower Upper
129 100
127 76.3 51.1 94.9



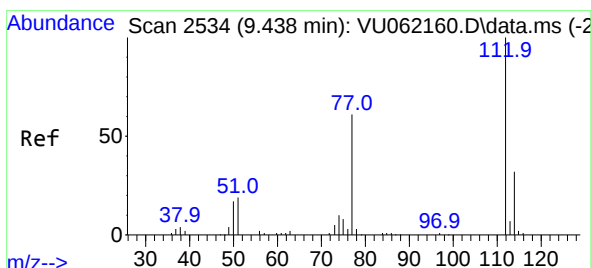
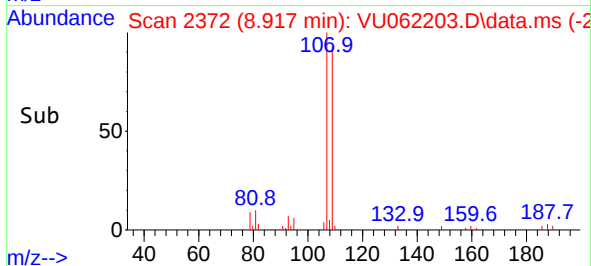
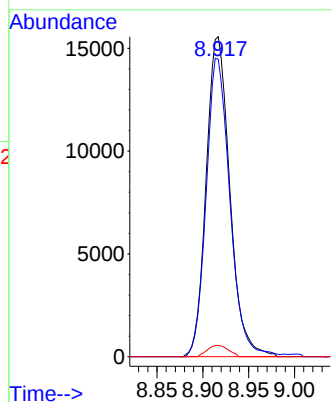


#50
1,2-Dibromoethane
Concen: 6.096 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Instrument :
MSVOA_U
ClientSampleId :

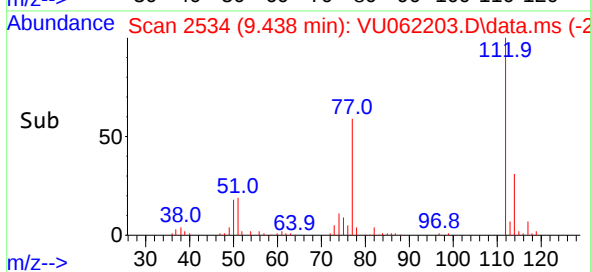
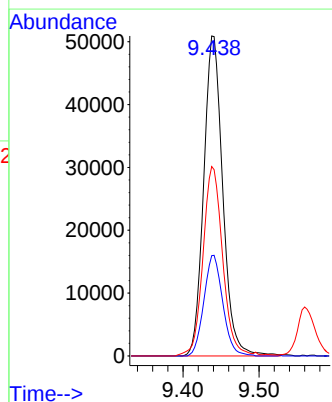
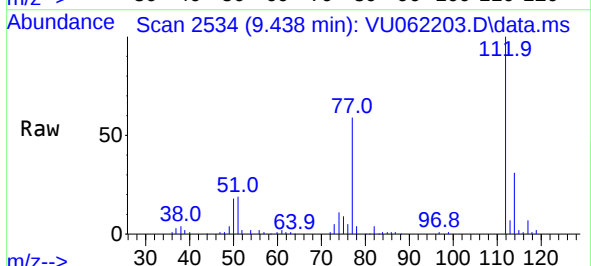


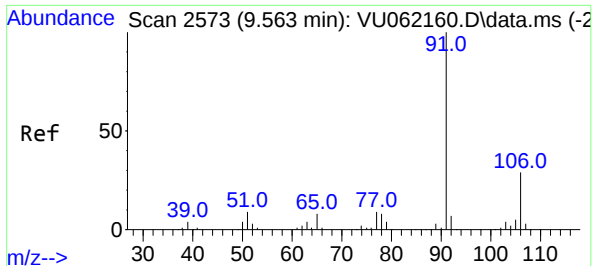
Tgt Ion:107 Resp: 27932
Ion Ratio Lower Upper
107 100
109 92.9 66.8 124.2
188 3.5 2.3 3.5#



#51
Chlorobenzene
Concen: 4.953 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion:112 Resp: 88773
Ion Ratio Lower Upper
112 100
114 31.3 23.0 42.6
77 59.2 50.5 75.7

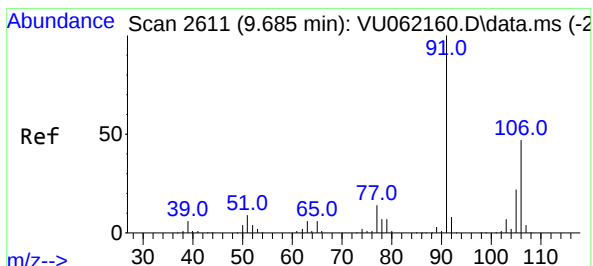
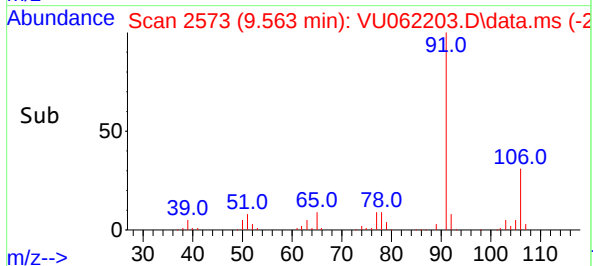
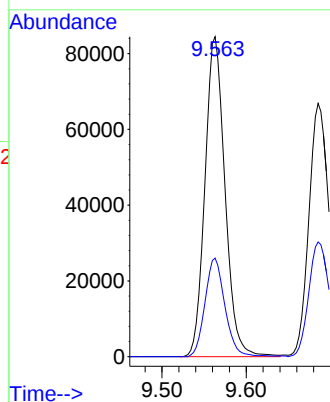
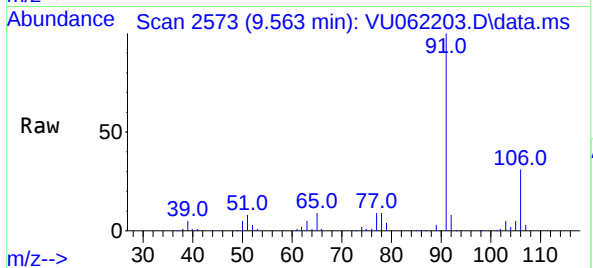




#52
Ethylbenzene
Concen: 4.466 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

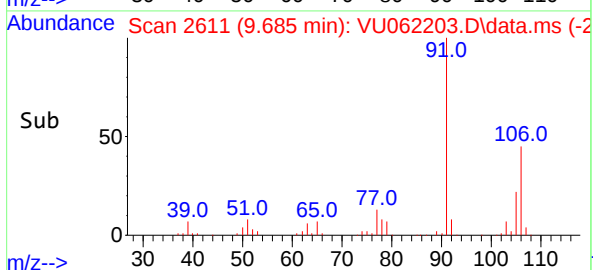
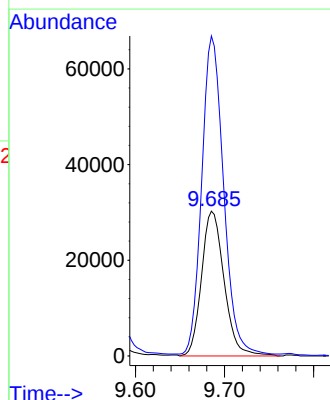
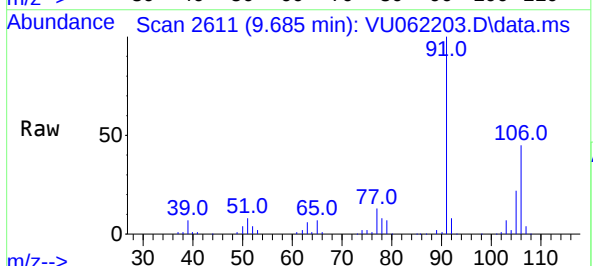
Instrument :
MSVOA_U
ClientSampleId :

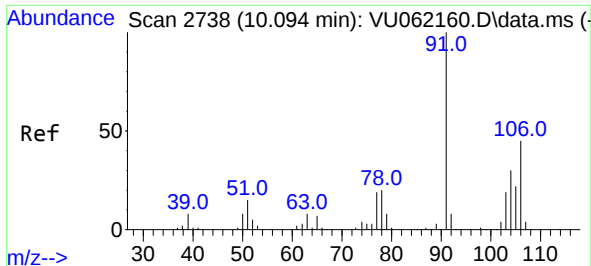
Tgt Ion: 91 Resp: 140064
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.0



#53
m,p-Xylene
Concen: 4.606 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion:106 Resp: 53327
Ion Ratio Lower Upper
106 100
91 220.9 147.6 274.0

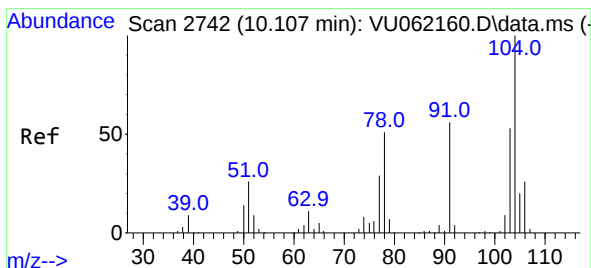
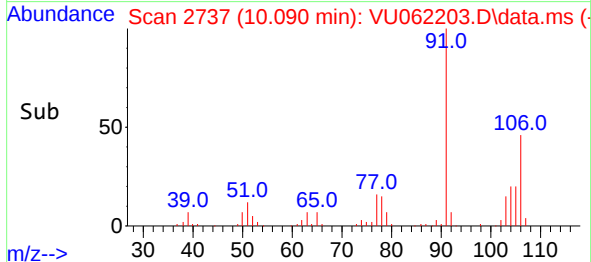
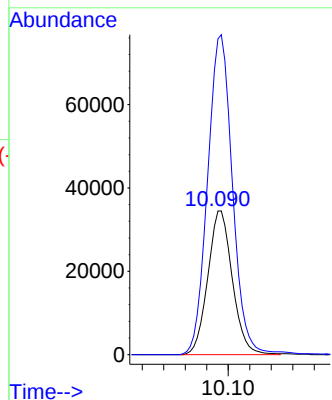
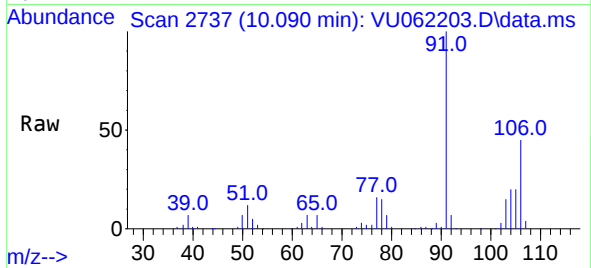




#54
o-Xylene
Concen: 4.856 ug/L
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

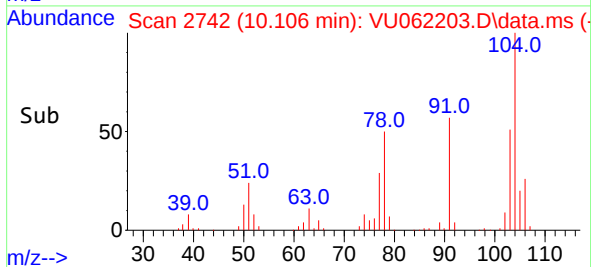
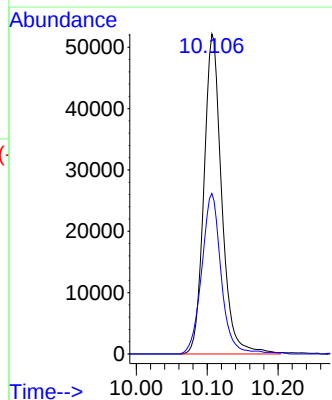
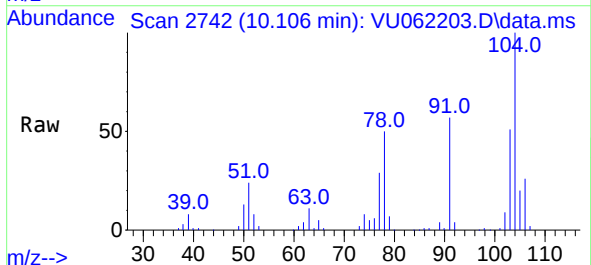
Instrument :
MSVOA_U
ClientSampleId :

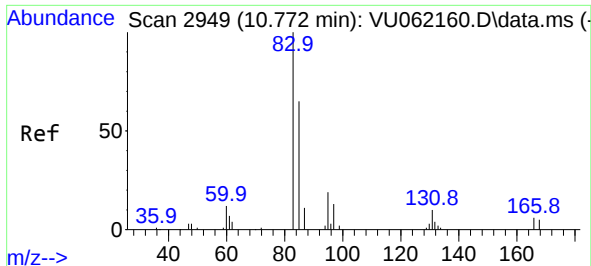
Tgt Ion:106 Resp: 54679
Ion Ratio Lower Upper
106 100
91 219.8 159.8 296.8



#55
Styrene
Concen: 4.894 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion:104 Resp: 90837
Ion Ratio Lower Upper
104 100
78 50.1 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 6.089 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062203.D

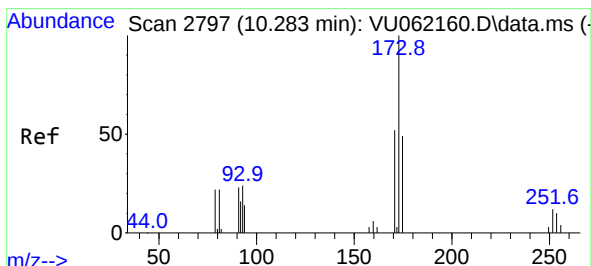
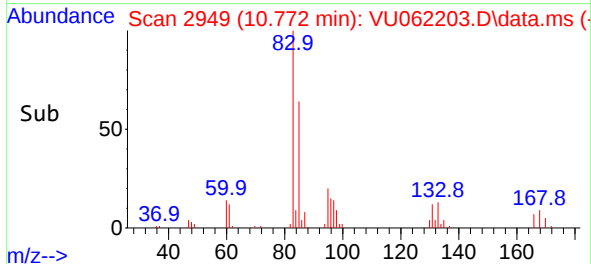
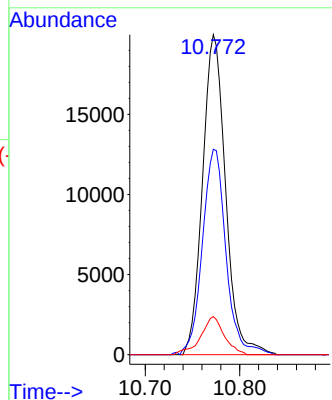
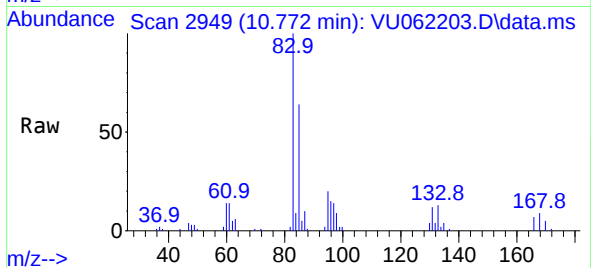
Acq: 10 Dec 2024 10:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	33796
Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.4	82.4
131	11.9	7.3	10.9#



#59

Bromoform

Concen: 6.354 ug/L

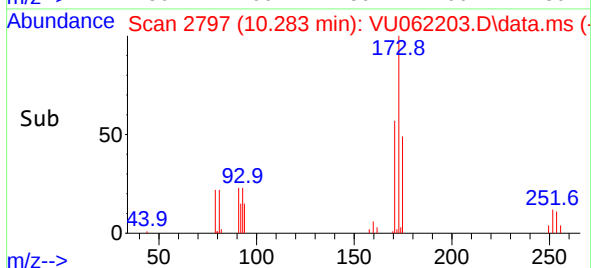
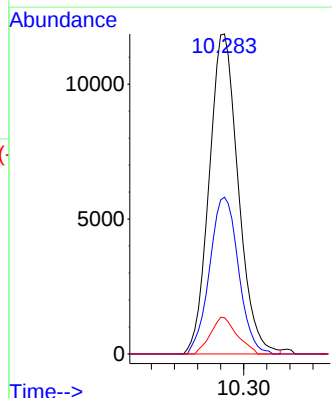
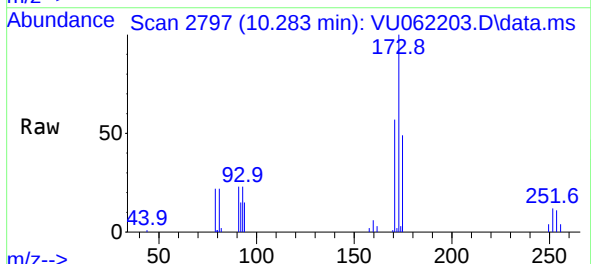
RT: 10.283 min Scan# 2797

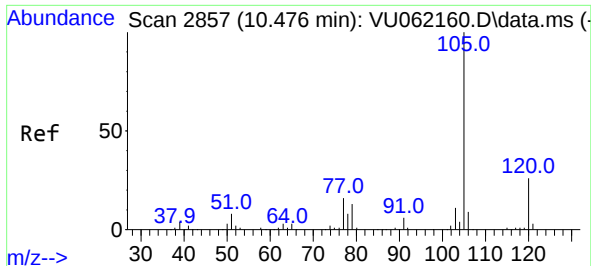
Delta R.T. -0.000 min

Lab File: VU062203.D

Acq: 10 Dec 2024 10:33

Tgt Ion:	173	Resp:	20730
Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.0	58.4
254	10.4	7.4	11.0

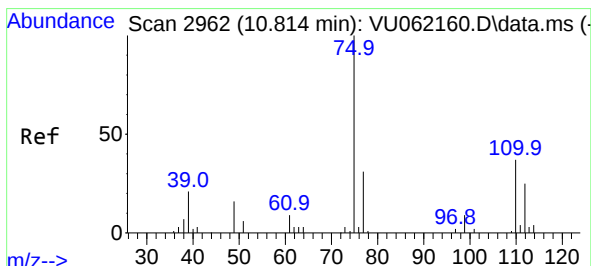
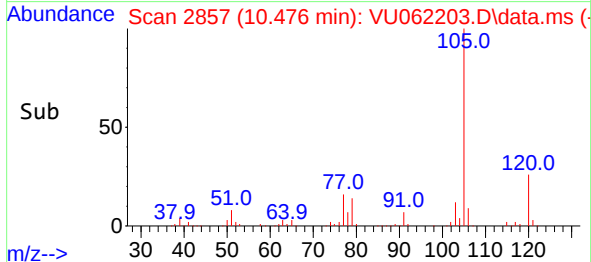
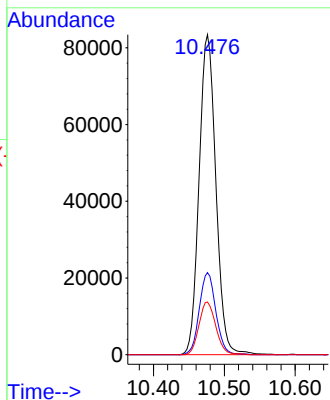
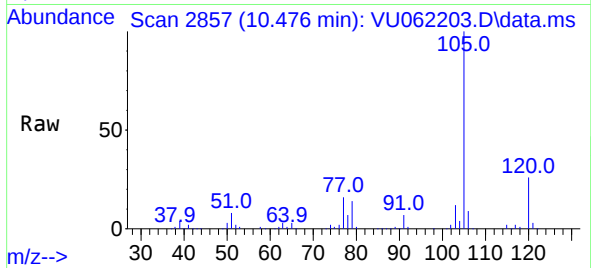




#60
Isopropylbenzene
Concen: 4.570 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

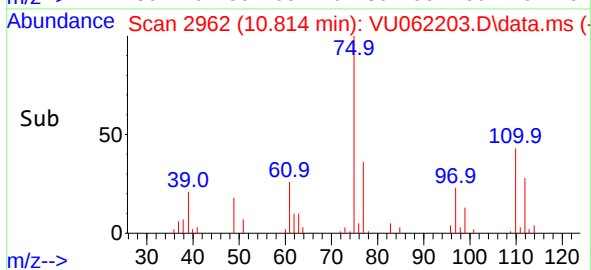
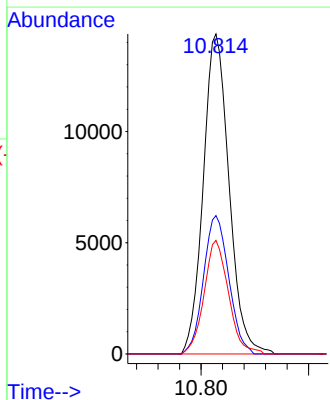
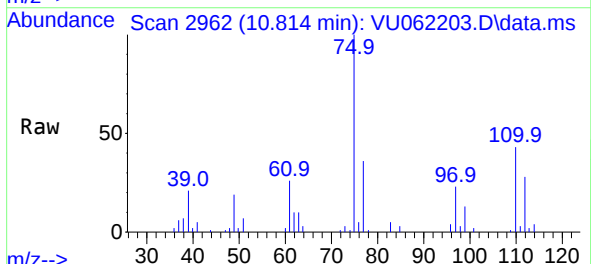
Instrument :
MSVOA_U
ClientSampleId :

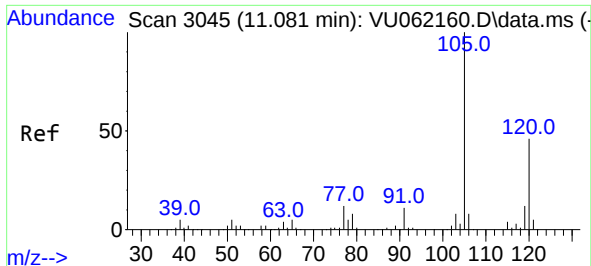
Tgt Ion:105 Resp: 137052
Ion Ratio Lower Upper
105 100
120 25.3 20.6 31.0
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 6.246 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion: 75 Resp: 23977
Ion Ratio Lower Upper
75 100
110 42.3 28.9 43.3
77 33.6 26.5 39.7

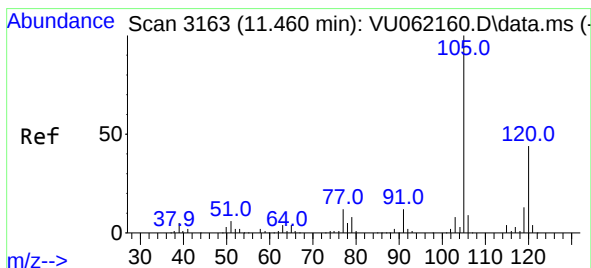
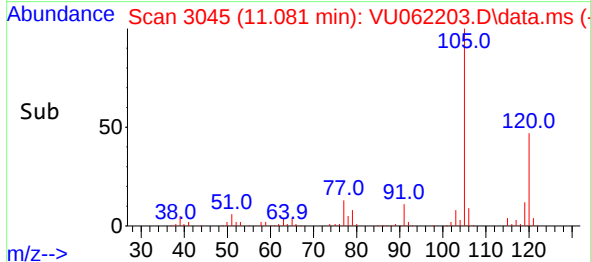
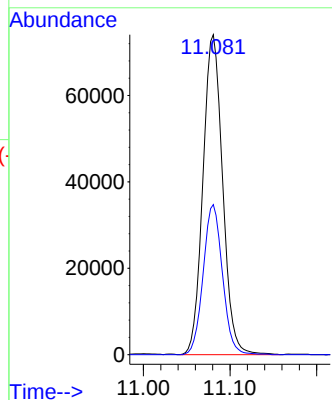
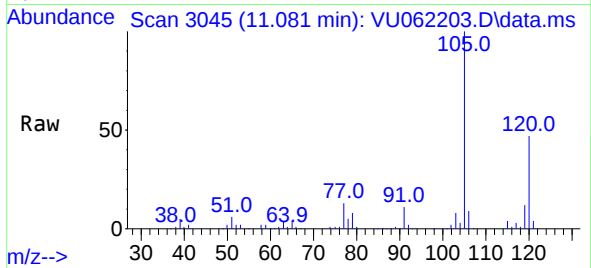




#62
1,3,5-Trimethylbenzene
Concen: 4.614 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

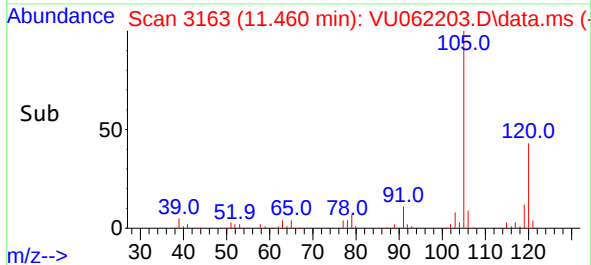
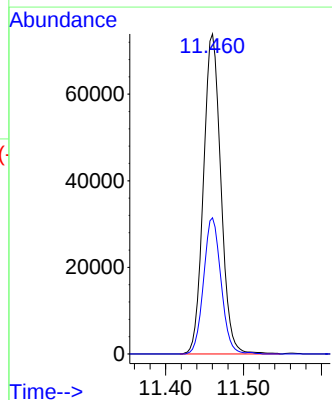
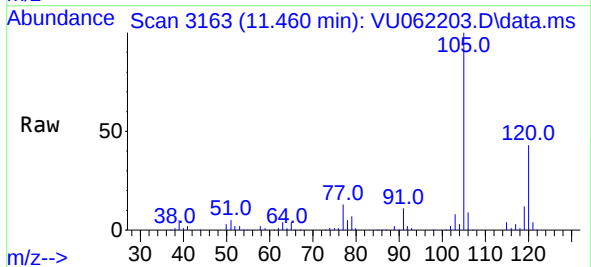
Instrument :
MSVOA_U
ClientSampleId :

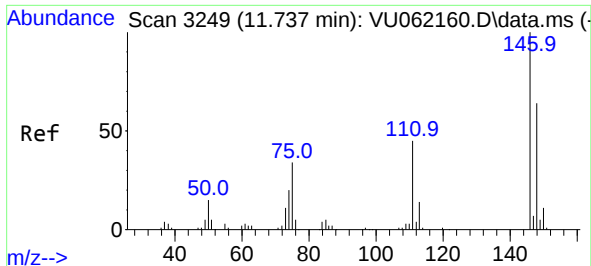
Tgt Ion:105 Resp: 117095
Ion Ratio Lower Upper
105 100
120 45.9 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.615 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion:105 Resp: 114750
Ion Ratio Lower Upper
105 100
120 42.4 34.7 52.1

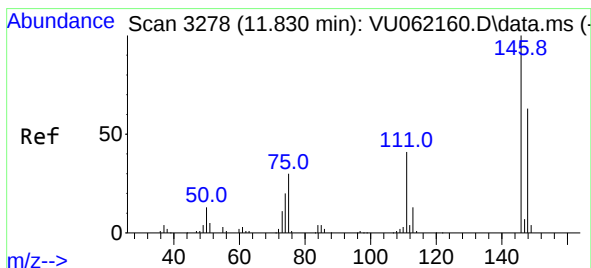
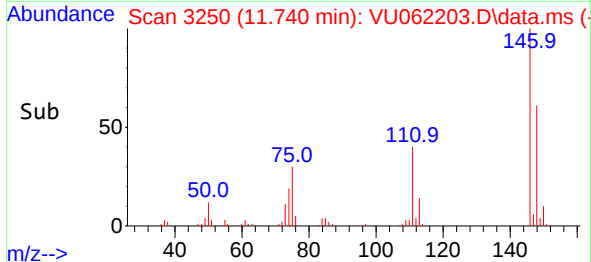
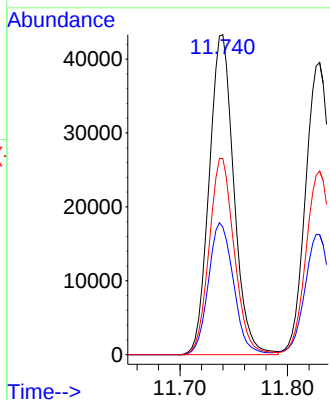
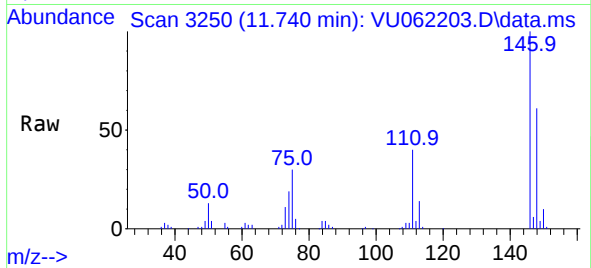




#64
1,3-Dichlorobenzene
Concen: 5.018 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

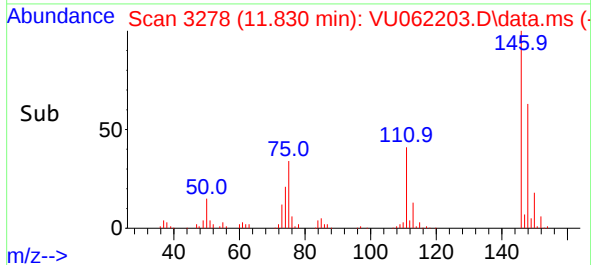
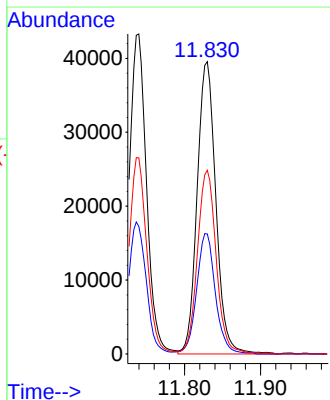
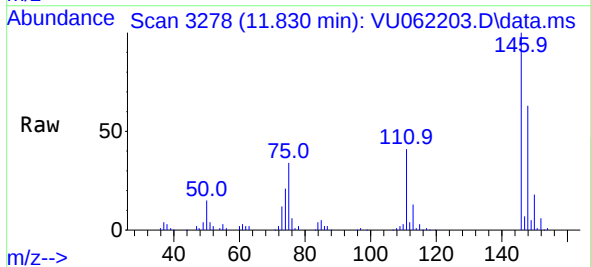
Instrument :
MSVOA_U
ClientSampleId :

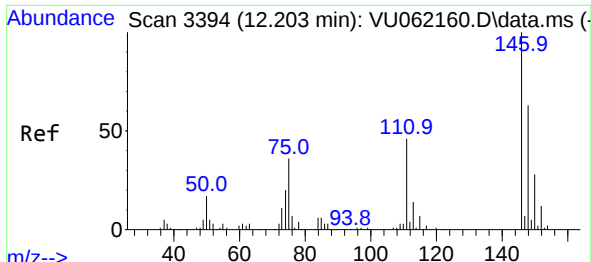
Tgt Ion:146 Resp: 69129
Ion Ratio Lower Upper
146 100
111 39.9 30.7 57.1
148 61.3 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.877 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion:146 Resp: 67652
Ion Ratio Lower Upper
146 100
111 41.1 29.3 54.3
148 62.8 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.152 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

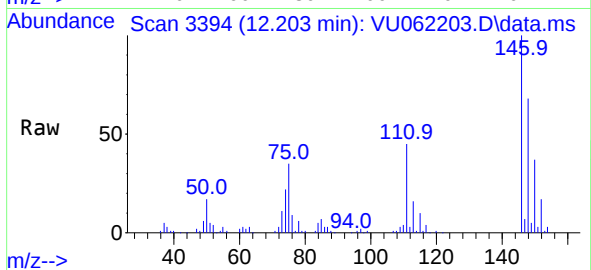
Lab File: VU062203.D

Acq: 10 Dec 2024 10:33

Instrument :

MSVOA_U

ClientSampleId :



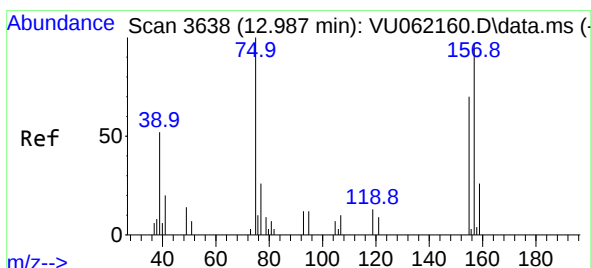
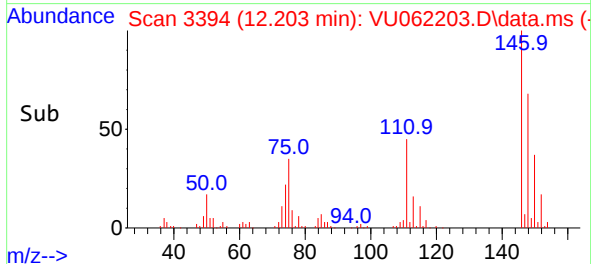
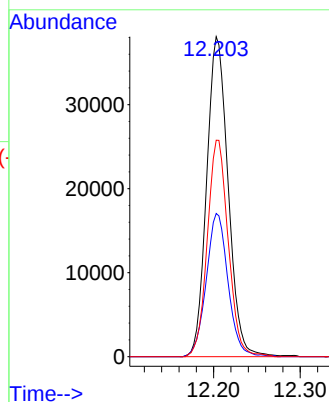
Tgt Ion:146 Resp: 65583

Ion Ratio Lower Upper

146 100

111 44.8 36.0 54.0

148 67.7 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.635 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU062203.D

Acq: 10 Dec 2024 10:33

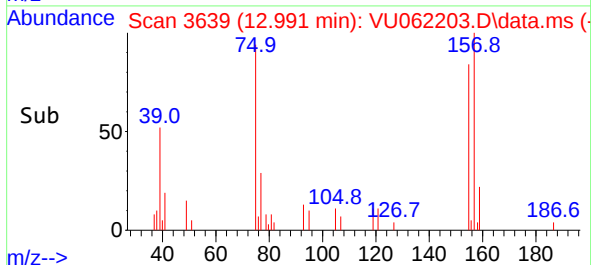
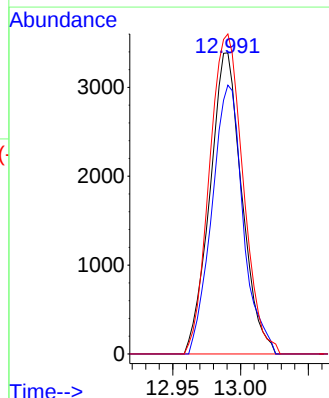
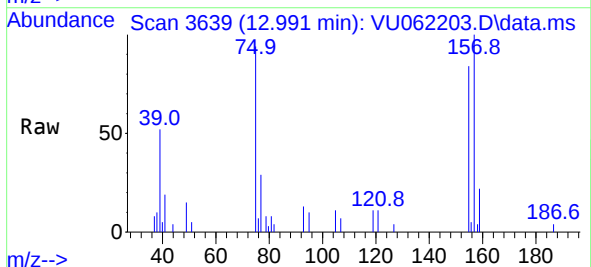
Tgt Ion: 75 Resp: 5556

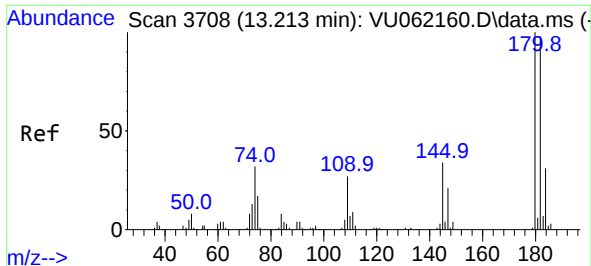
Ion Ratio Lower Upper

75 100

155 89.3 55.2 82.8#

157 106.3 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.646 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

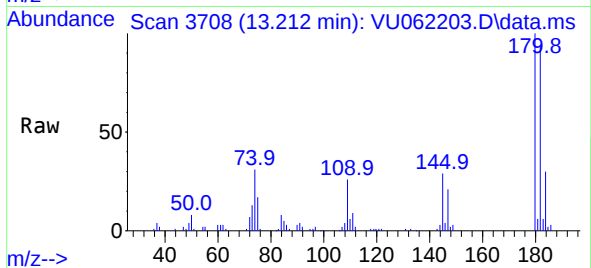
Lab File: VU062203.D

Acq: 10 Dec 2024 10:33

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 47580

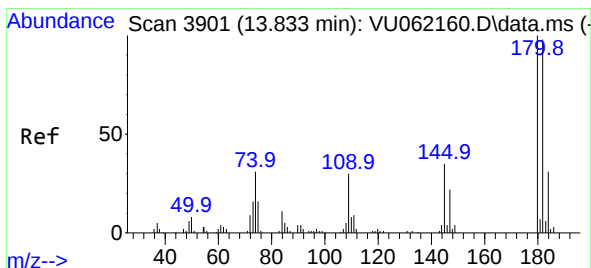
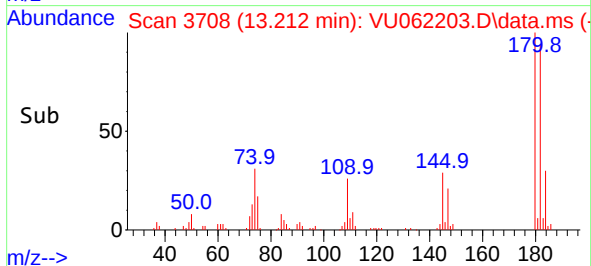
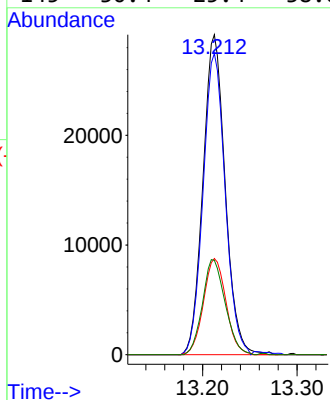
Ion Ratio Lower Upper

180 100

182 93.5 76.7 115.1

184 30.4 24.8 37.2

145 30.4 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.747 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062203.D

Acq: 10 Dec 2024 10:33

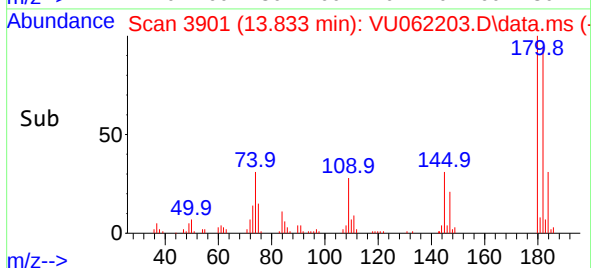
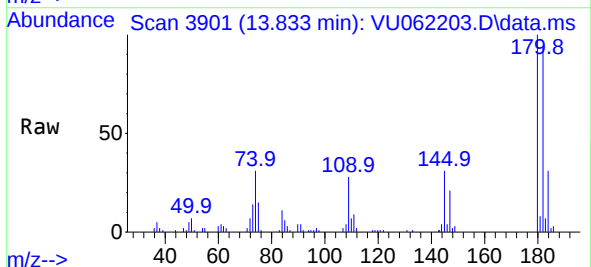
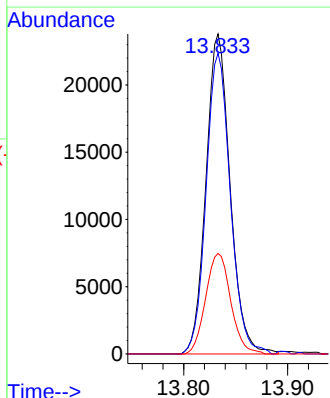
Tgt Ion:180 Resp: 38384

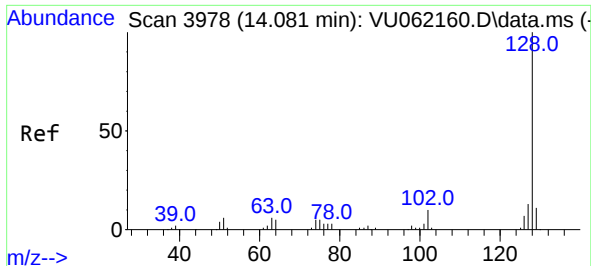
Ion Ratio Lower Upper

180 100

182 94.3 74.5 111.7

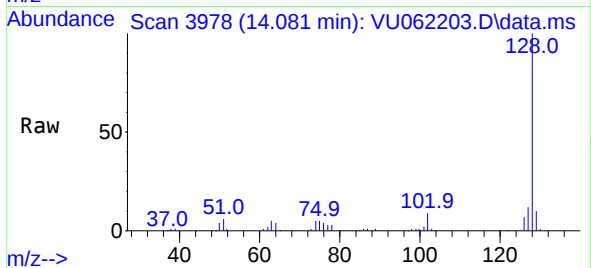
145 32.6 25.6 38.4



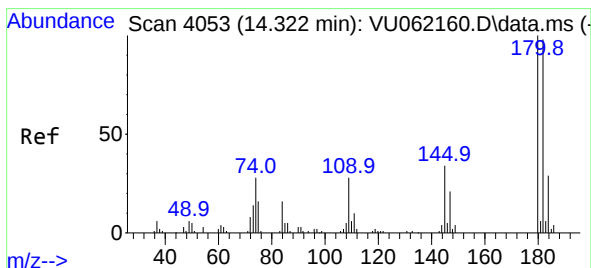
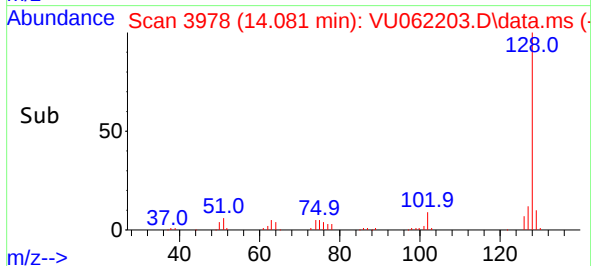
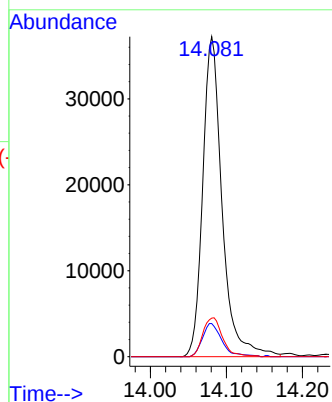


#71
Naphthalene
Concen: 5.419 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 65796
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.017 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062203.D
Acq: 10 Dec 2024 10:33

Tgt Ion:180 Resp: 35770
Ion Ratio Lower Upper
180 100
182 94.1 76.1 114.1
145 34.7 27.4 41.0

