

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U081424\
 Data File : VU060458.D
 Acq On : 14 Aug 2024 16:57
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 17:19:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 14 01:18:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	84882	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	88235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20668	3.102	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.907	69	21638	3.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.557	65	9636	3.398	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.637	46	66662	47.144	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.280%
24) Chloroform-d	5.055	84	62190	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.695	65	30425	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.721	84	107161	4.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.685	67	36271	4.394	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.891	98	96468	4.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.177	79	11223	4.206	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.627	63	64117	54.144	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	33450	4.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	37954	4.499	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	23155	5.057	ug/L	97
3) Chloromethane	1.515	50	26213	4.603	ug/L	95
5) Vinyl chloride	1.595	62	31750	4.761	ug/L	94
6) Bromomethane	1.849	94	21311	4.513	ug/L	93
8) Chloroethane	1.927	64	21132	4.672	ug/L	100
9) Trichlorofluoromethane	2.129	101	51975	5.560	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31219	5.068	ug/L	100
12) 1,1-Dichloroethene	2.570	96	27719	4.953	ug/L	87
13) Acetone	2.653	43	34365	35.590	ug/L	89
14) Carbon disulfide	2.782	76	60686	4.298	ug/L	100
15) Methyl Acetate	2.959	43	10649	5.323	ug/L	99
16) Methylene chloride	3.039	84	34021	4.276	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	69737	5.285	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	26939	4.907	ug/L	96
19) 1,1-Dichloroethane	3.859	63	60948	5.377	ug/L	99
21) 2-Butanone	4.718	43	56881	39.524	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	33510	5.056	ug/L	98
23) Bromochloromethane	4.968	128	15976	5.222	ug/L	97
25) Chloroform	5.081	83	67457	5.470	ug/L	99

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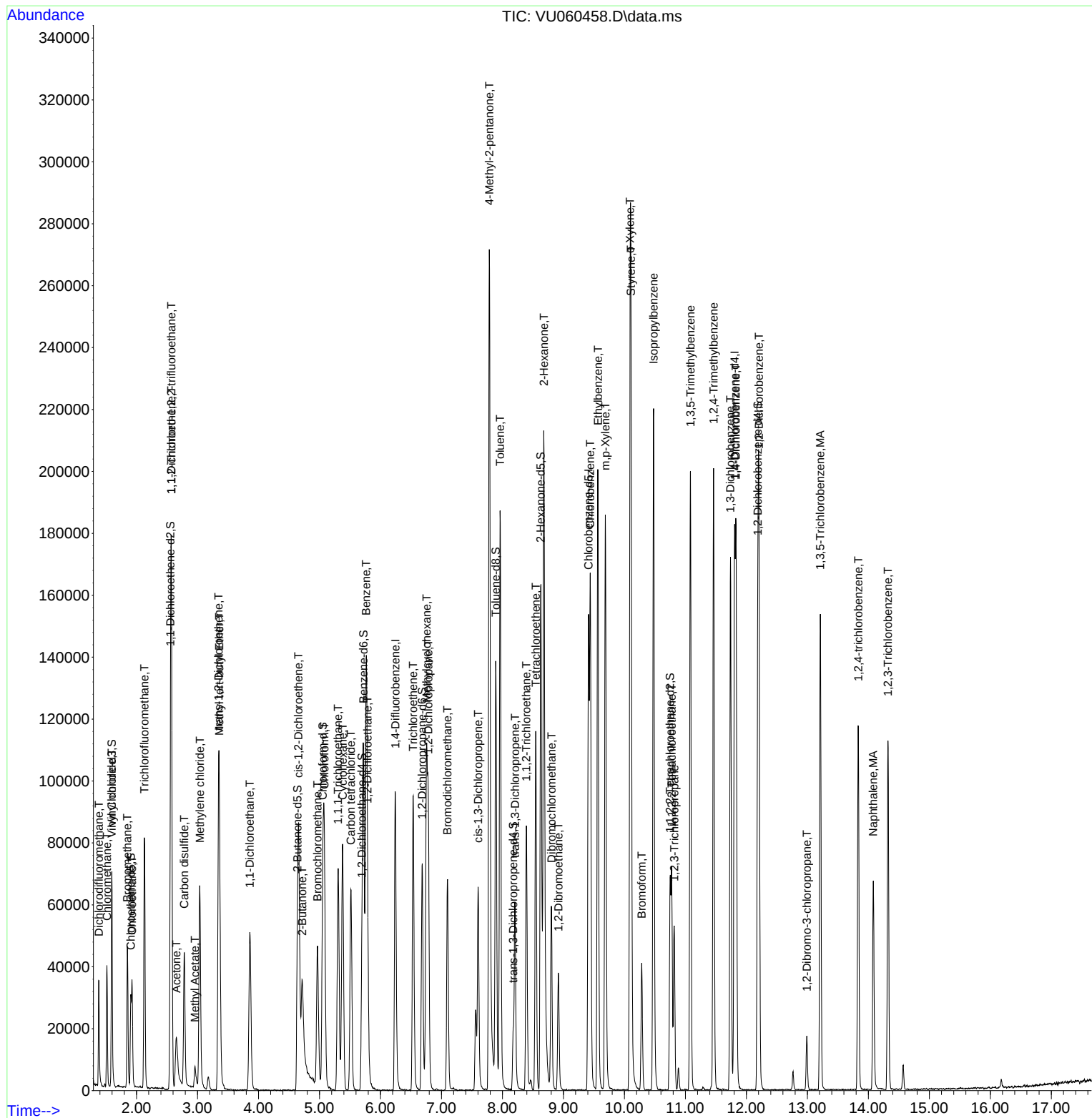
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	38168	5.819	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	54319	5.623	ug/L	99
30) Cyclohexane	5.380	56	34959	4.471	ug/L	95
31) Carbon tetrachloride	5.515	117	47247	5.581	ug/L	100
33) Benzene	5.766	78	130379	5.132	ug/L	100
34) Trichloroethene	6.537	95	33680	5.065	ug/L	100
35) Methylcyclohexane	6.756	83	38695	4.456	ug/L	100
37) 1,2-Dichloropropane	6.785	63	36907	5.338	ug/L	100
38) Bromodichloromethane	7.100	83	47332	5.539	ug/L	92
39) cis-1,3-Dichloropropene	7.602	75	42733	4.550	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	184810	57.264	ug/L	97
42) Toluene	7.962	91	141911	5.287	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	36682	4.728	ug/L	94
45) 1,1,2-Trichloroethane	8.393	97	27686	5.229	ug/L	97
47) Tetrachloroethene	8.547	164	26191	5.035	ug/L	98
48) 2-Hexanone	8.679	43	137827	56.335	ug/L	98
49) Dibromochloromethane	8.804	129	31451	5.586	ug/L	97
50) 1,2-Dibromoethane	8.920	107	24441	5.185	ug/L	99
51) Chlorobenzene	9.441	112	91898	5.074	ug/L	97
52) Ethylbenzene	9.566	91	141644	5.009	ug/L	100
53) m,p-Xylene	9.688	106	53925	5.017	ug/L	99
54) o-Xylene	10.094	106	54456	5.295	ug/L	99
55) Styrene	10.110	104	94235	5.295	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	34533	5.245	ug/L	99
59) Bromoform	10.283	173	19073	5.485	ug/L	97
60) Isopropylbenzene	10.479	105	143314	5.183	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	23992	5.412	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	109907	5.163	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	108136	5.155	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	74410	5.281	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	73078	5.145	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	69032	5.188	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	4810	5.788	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	51511	4.837	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	38868	4.649	ug/L	100
71) Naphthalene	14.081	128	58393	4.912	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	36107	4.821	ug/L	96

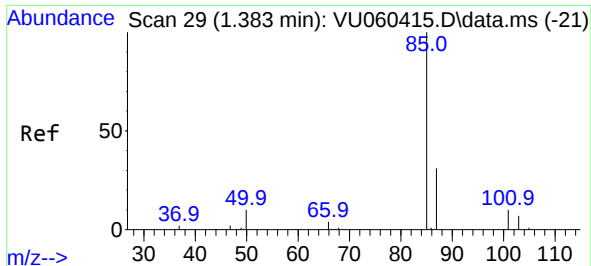
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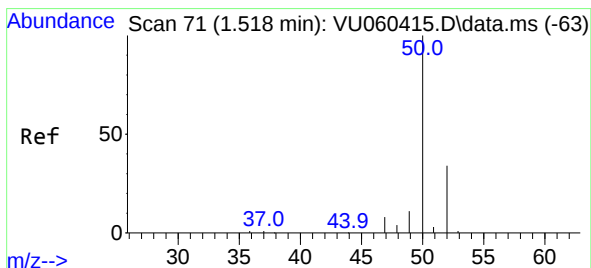
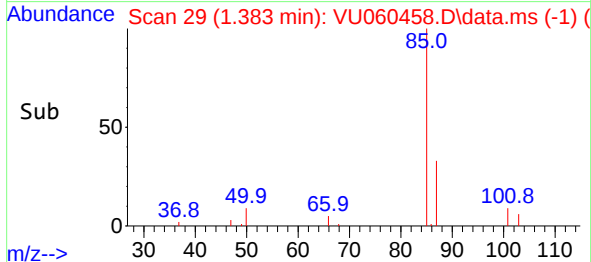
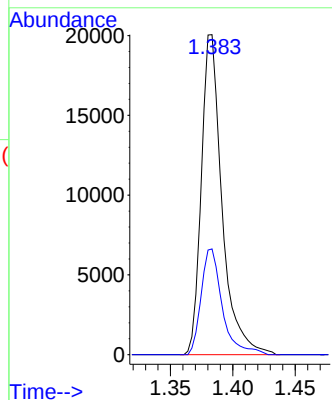
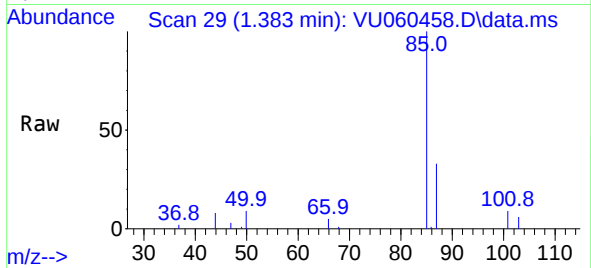




#2
Dichlorodifluoromethane
Concen: 5.057 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

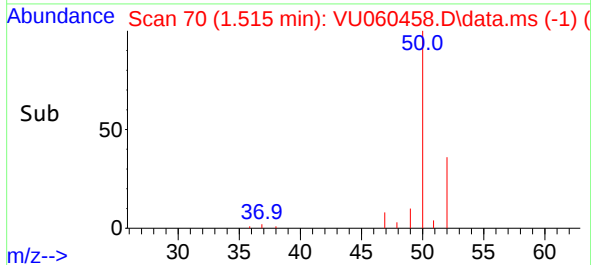
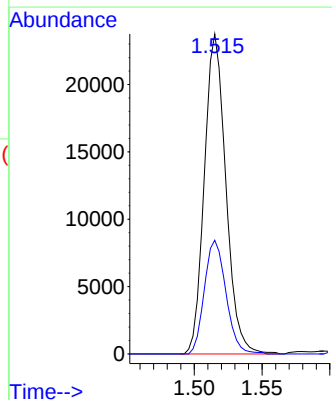
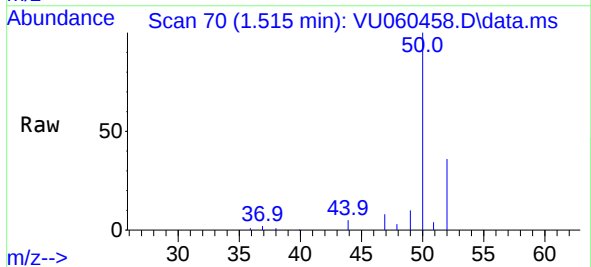
Instrument :
MSVOA_U
ClientSampleId :

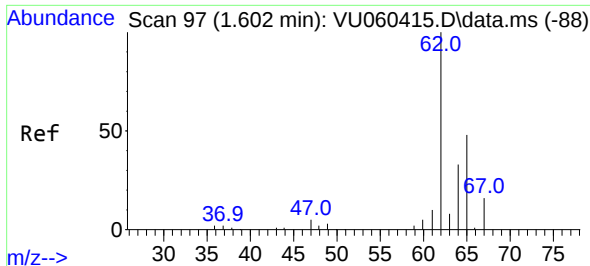
Tgt Ion: 85 Resp: 23155
Ion Ratio Lower Upper
85 100
87 33.7 25.7 38.5



#3
Chloromethane
Concen: 4.603 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion: 50 Resp: 26213
Ion Ratio Lower Upper
50 100
52 35.5 22.8 42.4

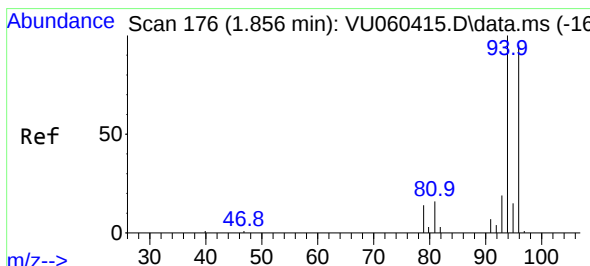
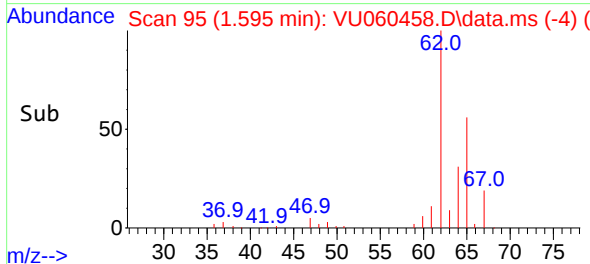
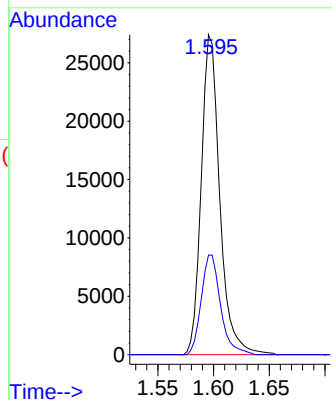
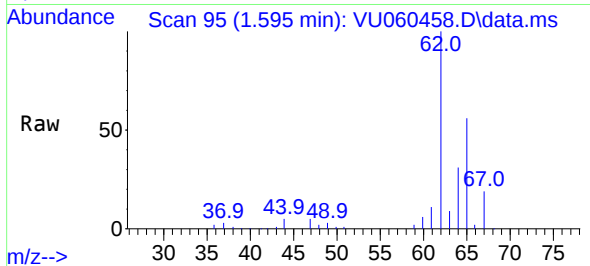




#5
 Vinyl chloride
 Concen: 4.761 ug/L
 RT: 1.595 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VU060458.D
 Acq: 14 Aug 2024 16:57

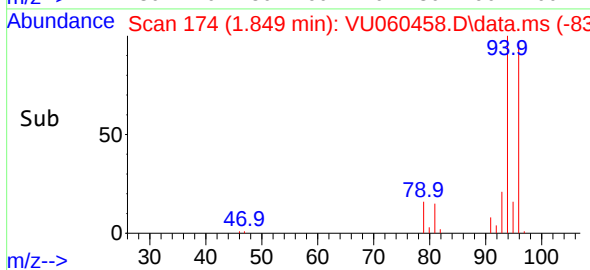
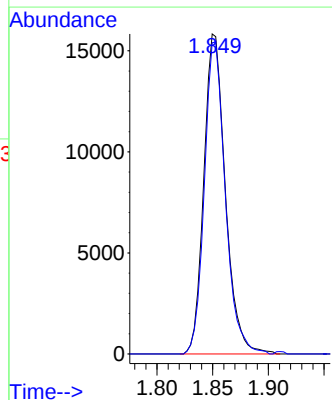
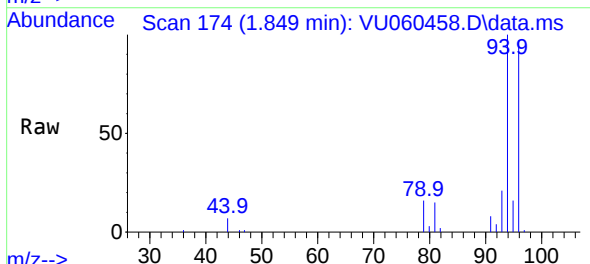
Instrument :
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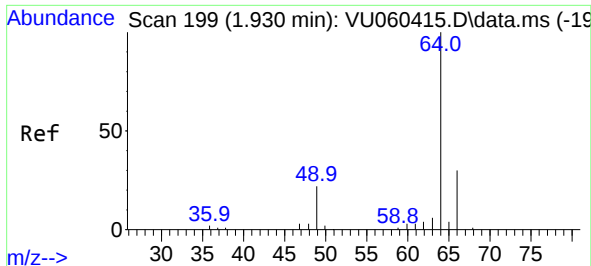
Tgt Ion: 62 Resp: 31750
 Ion Ratio Lower Upper
 62 100
 64 31.2 24.1 44.7



#6
 Bromomethane
 Concen: 4.513 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.006 min
 Lab File: VU060458.D
 Acq: 14 Aug 2024 16:57

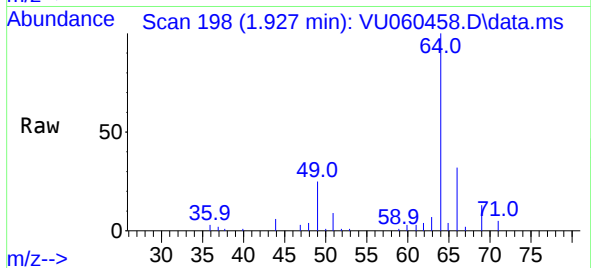
Tgt Ion: 94 Resp: 21311
 Ion Ratio Lower Upper
 94 100
 96 97.2 63.2 117.4



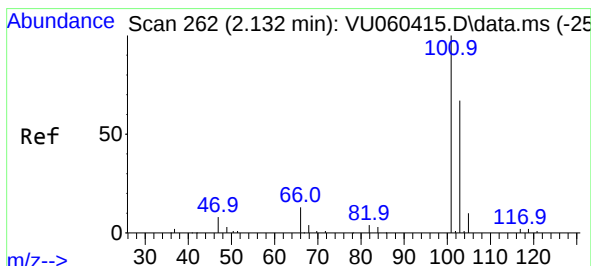
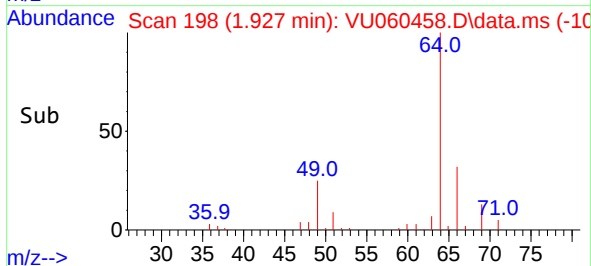
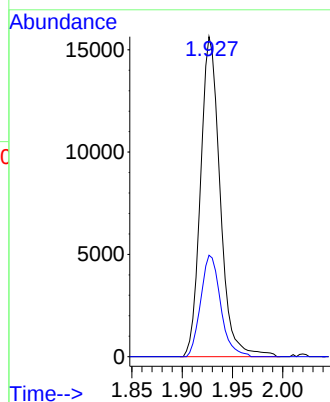


#8
Chloroethane
Concen: 4.672 ug/L
RT: 1.927 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :

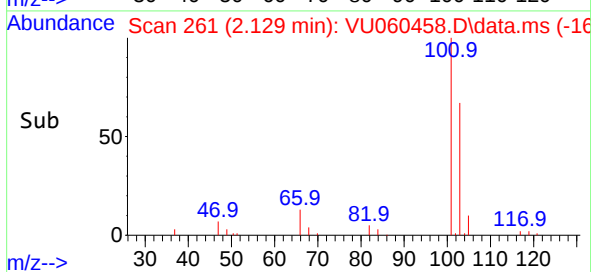
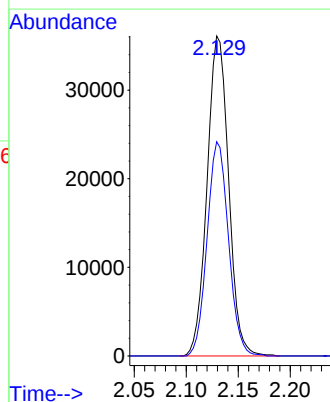
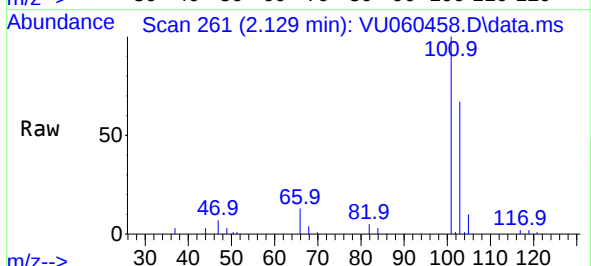


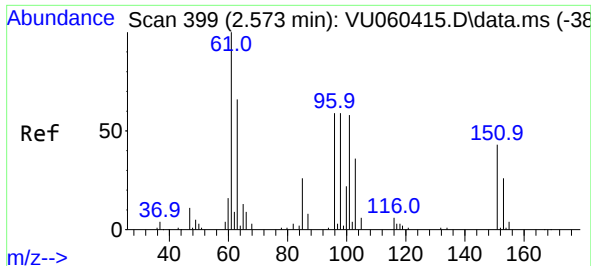
Tgt Ion: 64 Resp: 21132
Ion Ratio Lower Upper
64 100
66 31.7 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.560 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion:101 Resp: 51975
Ion Ratio Lower Upper
101 100
103 66.5 51.7 77.5

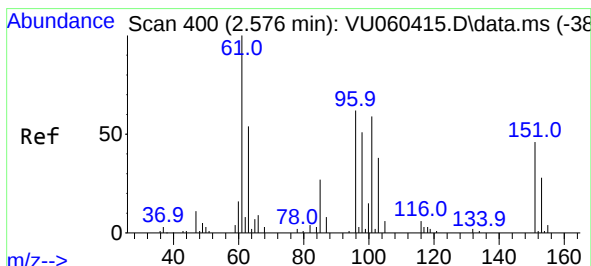
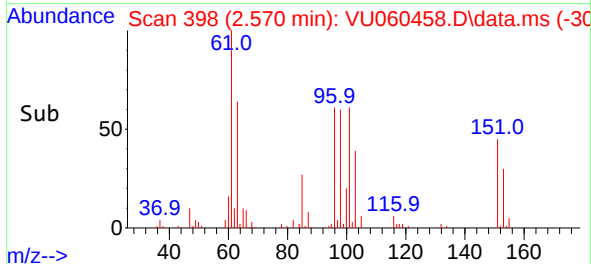
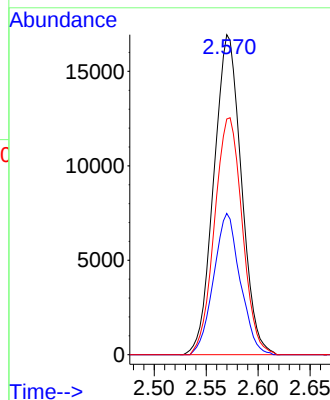
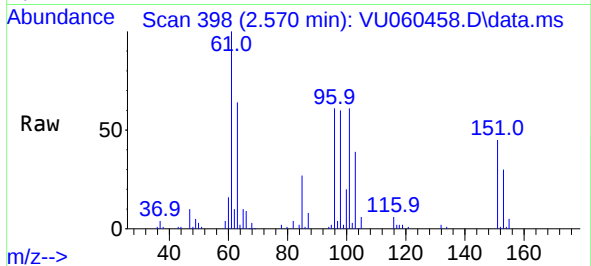




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.068 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

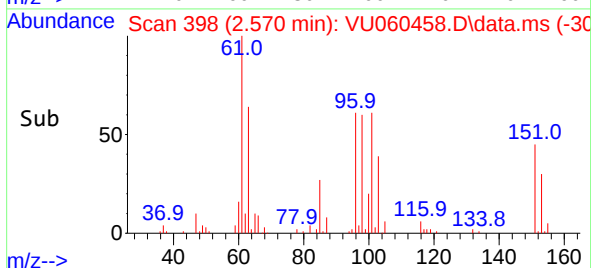
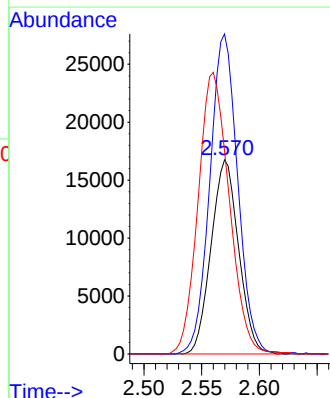
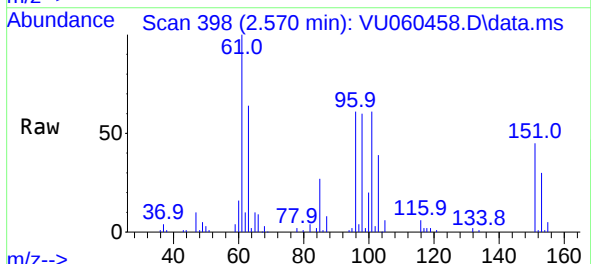
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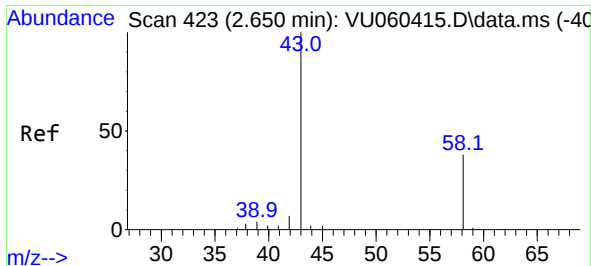
Tgt Ion:101 Resp: 31219
Ion Ratio Lower Upper
101 100
85 42.6 33.5 50.3
151 74.7 59.7 89.5



#12
1,1-Dichloroethene
Concen: 4.953 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion: 96 Resp: 27719
Ion Ratio Lower Upper
96 100
61 164.9 114.4 212.4
63 104.8 96.0 178.4





#13

Acetone

Concen: 35.590 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU060458.D

Acq: 14 Aug 2024 16:57

Instrument :

MSVOA_U

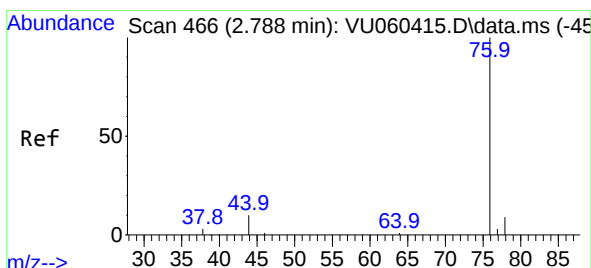
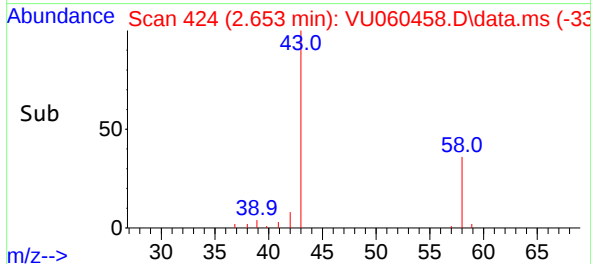
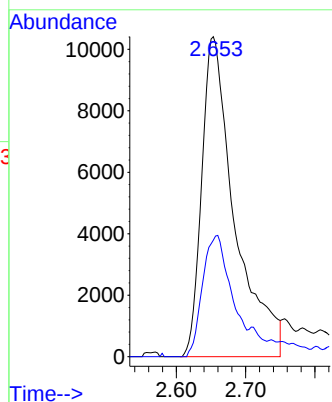
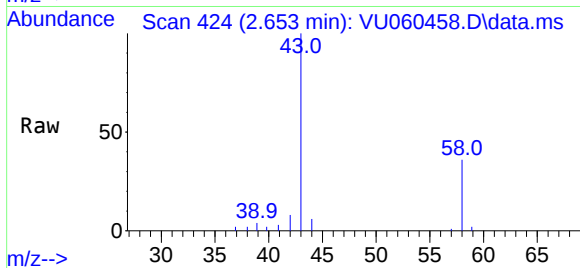
ClientSampleId :

Tgt Ion: 43 Resp: 34365

Ion Ratio Lower Upper

43 100

58 32.8 0.0 78.8



#14

Carbon disulfide

Concen: 4.298 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.006 min

Lab File: VU060458.D

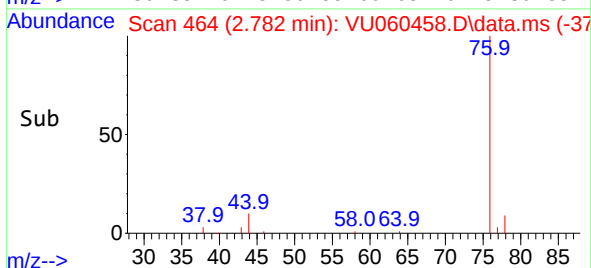
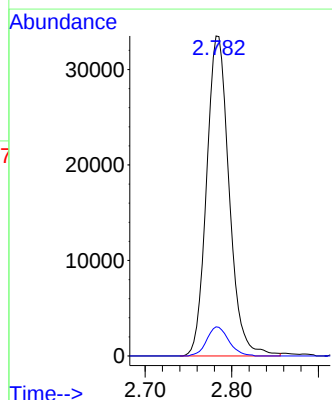
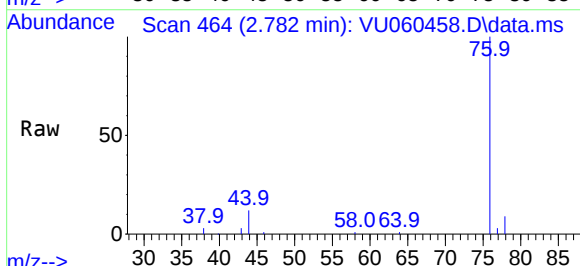
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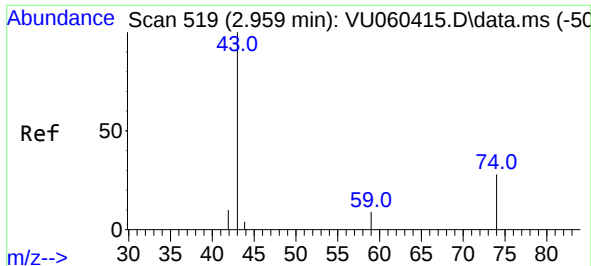
Tgt Ion: 76 Resp: 60686

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 5.323 ug/L

RT: 2.959 min Scan# 519

Delta R.T. 0.000 min

Lab File: VU060458.D

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MSVOA_U

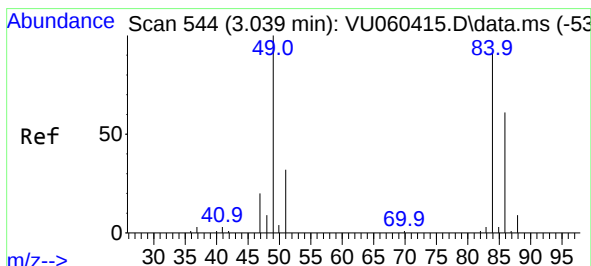
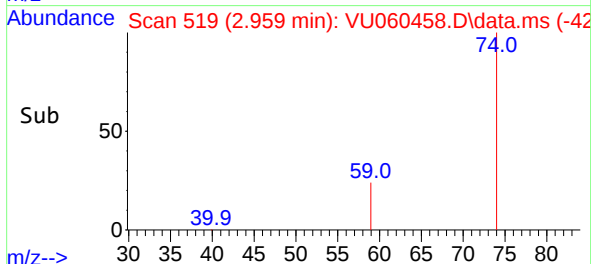
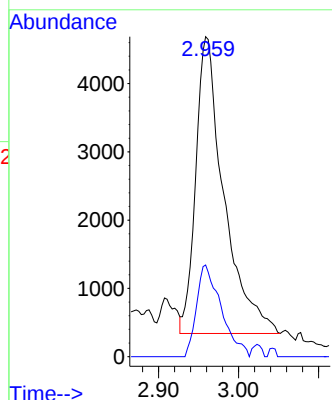
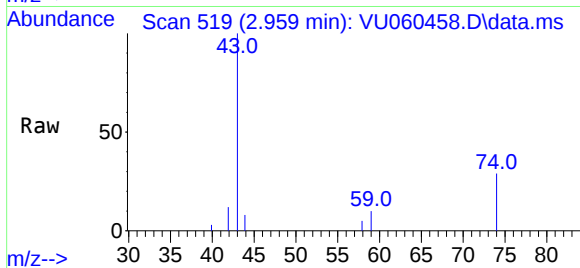
ClientSampleId :

Tgt Ion: 43 Resp: 10649

Ion Ratio Lower Upper

43 100

74 27.0 21.3 31.9



#16

Methylene chloride

Concen: 4.276 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060458.D

Acq: 14 Aug 2024 16:57

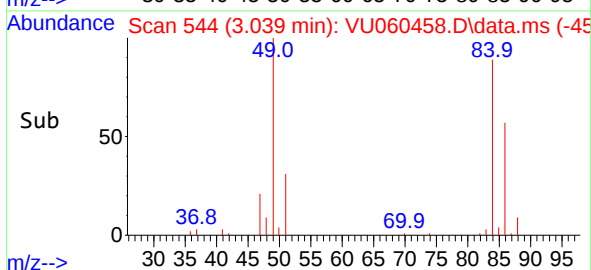
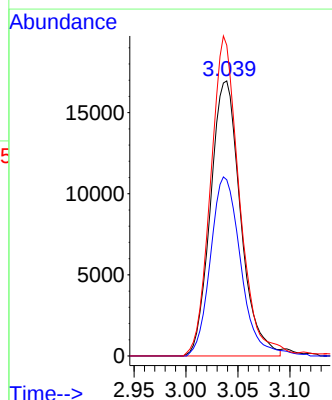
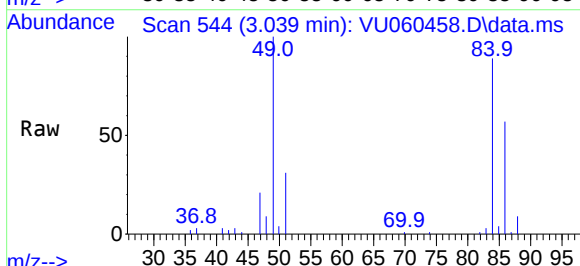
Tgt Ion: 84 Resp: 34021

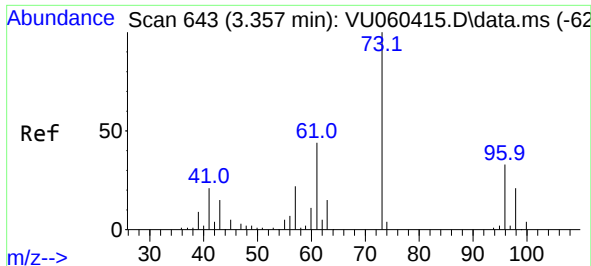
Ion Ratio Lower Upper

84 100

86 64.0 47.1 87.5

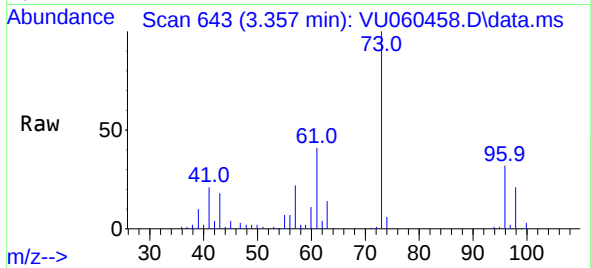
49 113.0 73.9 137.3





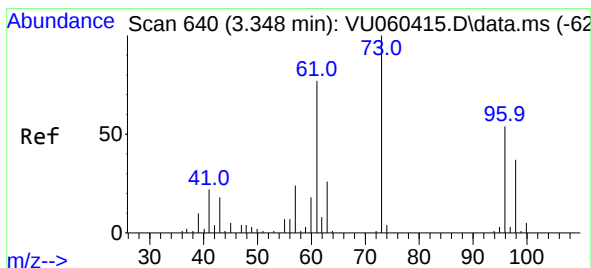
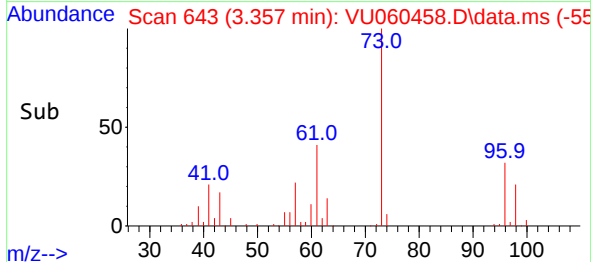
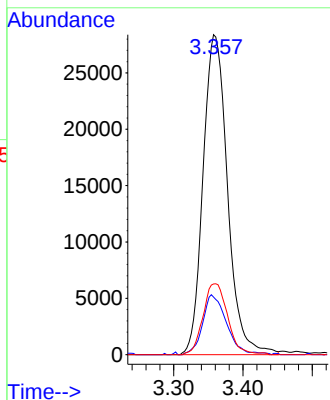
#17
Methyl tert-butyl Ether
Concen: 5.285 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 69737

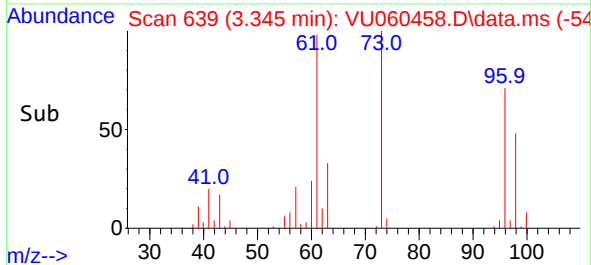
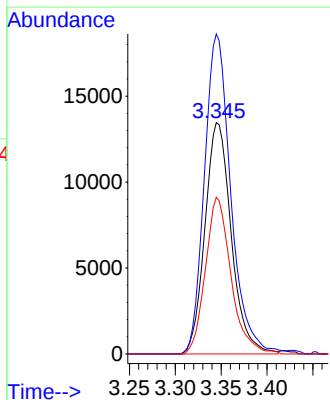
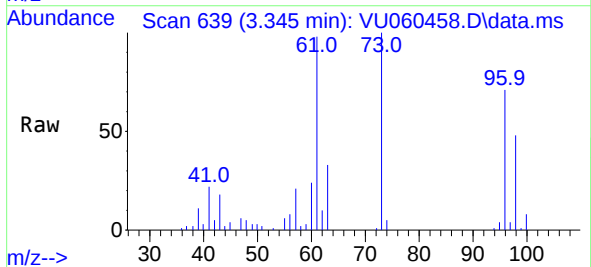
Ion	Ratio	Lower	Upper
73	100		
43	18.0	12.8	19.2
57	22.1	17.5	26.3

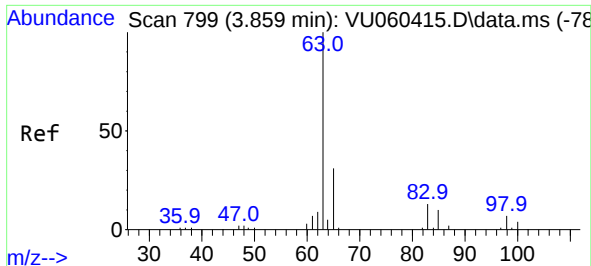


#18
trans-1,2-Dichloroethene
Concen: 4.907 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion: 96 Resp: 26939

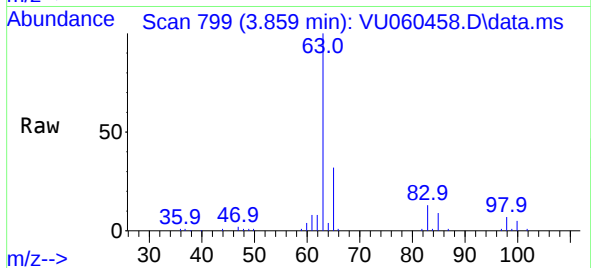
Ion	Ratio	Lower	Upper
96	100		
61	138.3	93.7	174.1
98	67.8	44.7	82.9



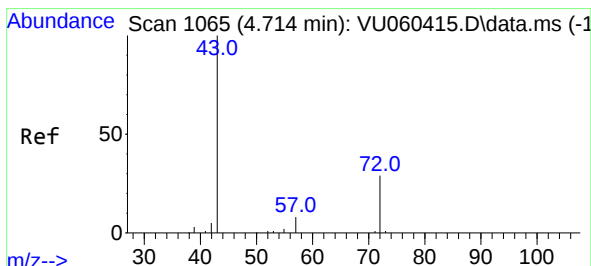
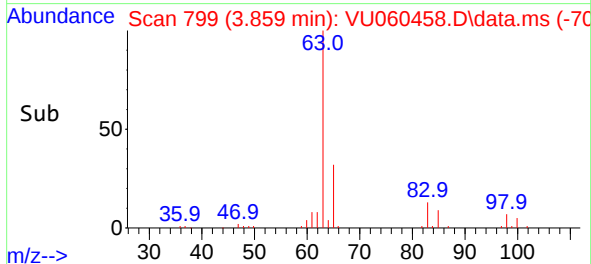
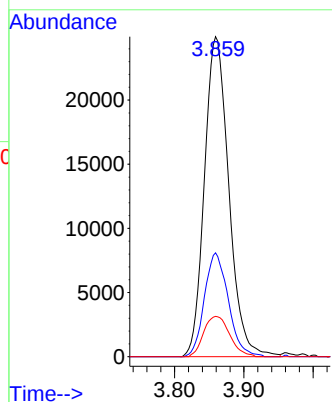


#19
1,1-Dichloroethane
Concen: 5.377 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :

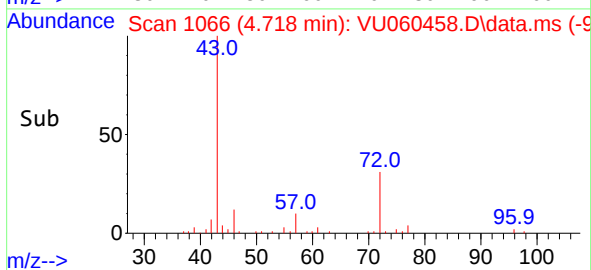
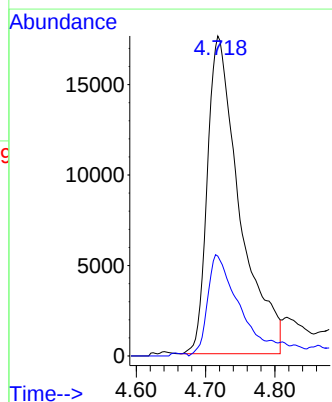
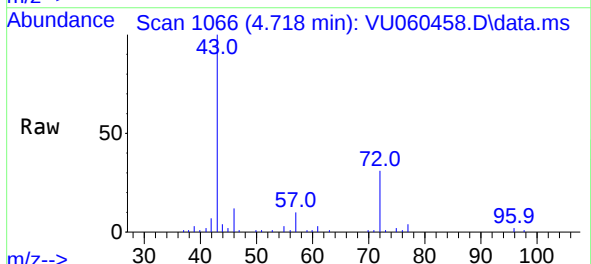


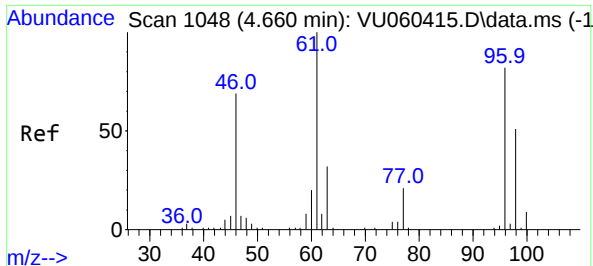
Tgt Ion: 63 Resp: 60948
Ion Ratio Lower Upper
63 100
65 32.5 22.2 41.2
83 12.6 9.1 16.9



#21
2-Butanone
Concen: 39.524 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

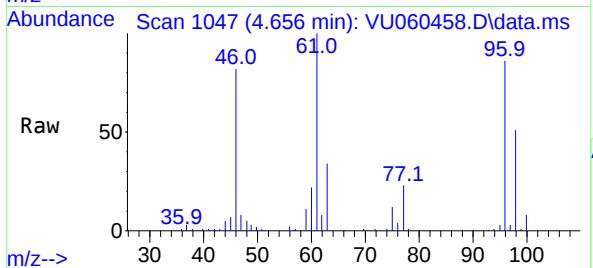
Tgt Ion: 43 Resp: 56881
Ion Ratio Lower Upper
43 100
72 30.0 15.9 47.6





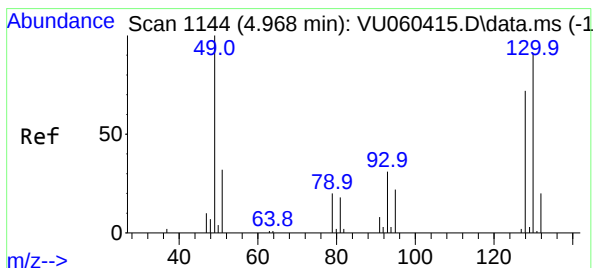
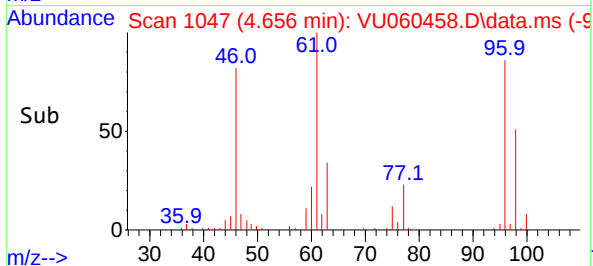
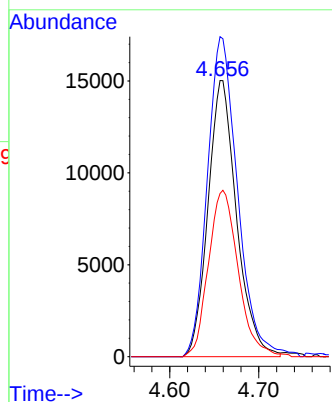
#22
cis-1,2-Dichloroethene
Concen: 5.056 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 33510

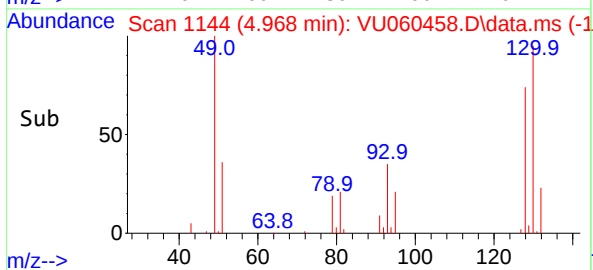
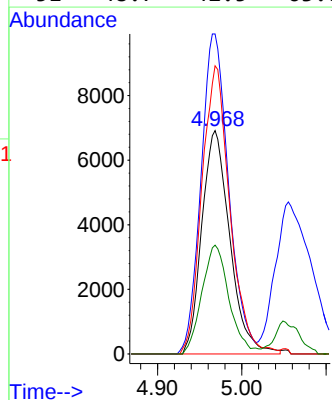
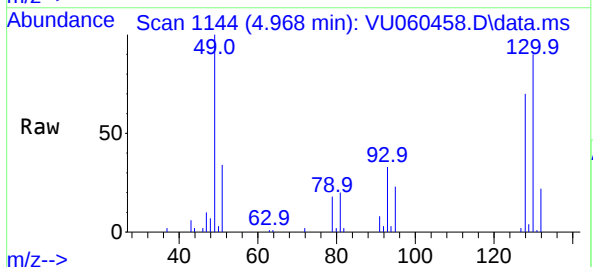
Ion	Ratio	Lower	Upper
96	100		
61	115.9	81.5	151.5
98	59.1	43.5	80.7

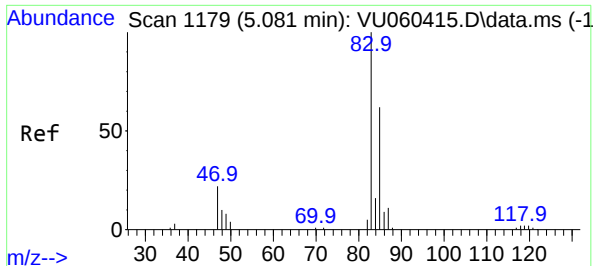


#23
Bromochloromethane
Concen: 5.222 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion: 128 Resp: 15976

Ion	Ratio	Lower	Upper
128	100		
49	143.2	101.0	187.6
130	129.0	92.7	172.1
51	48.7	42.5	63.7

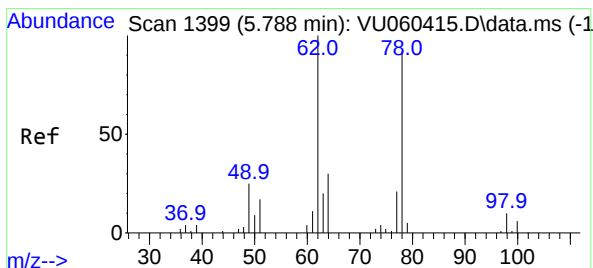
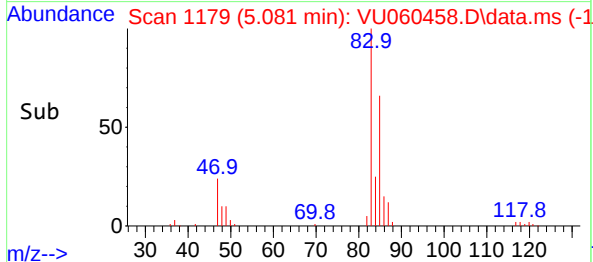
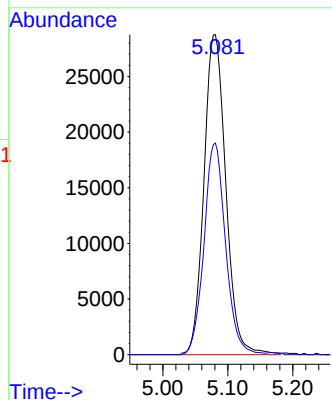
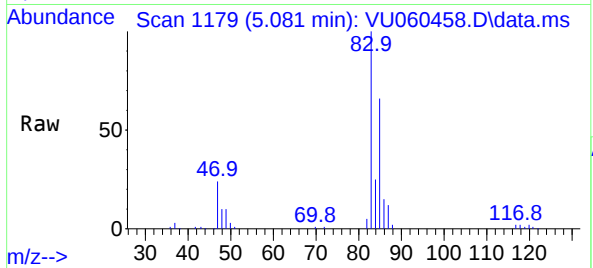




#25
Chloroform
Concen: 5.470 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

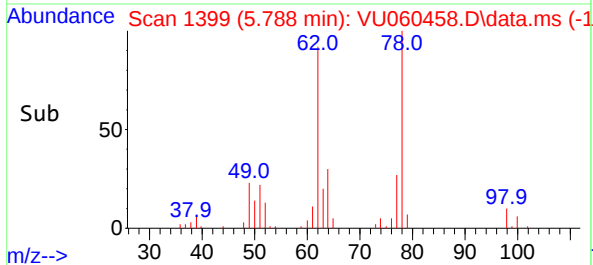
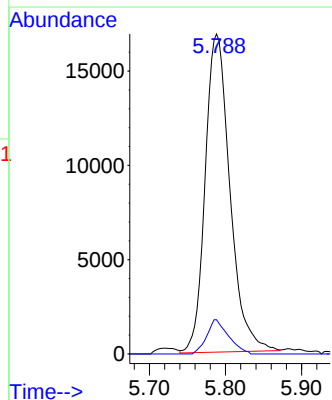
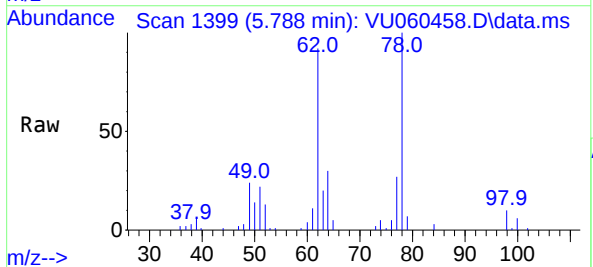
Instrument :
MSVOA_U
ClientSampleId :

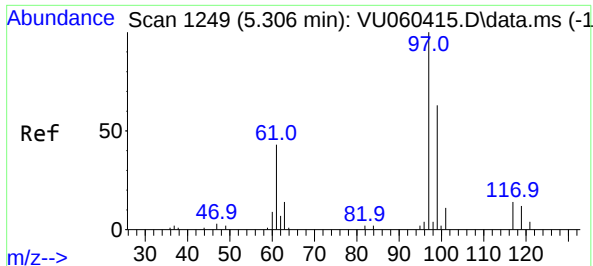
Tgt Ion: 83 Resp: 67457
Ion Ratio Lower Upper
83 100
85 66.1 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.819 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion: 62 Resp: 38168
Ion Ratio Lower Upper
62 100
98 10.7 9.0 13.6

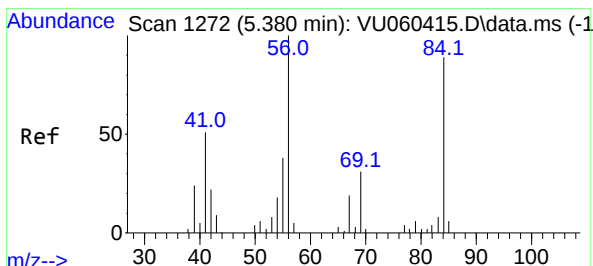
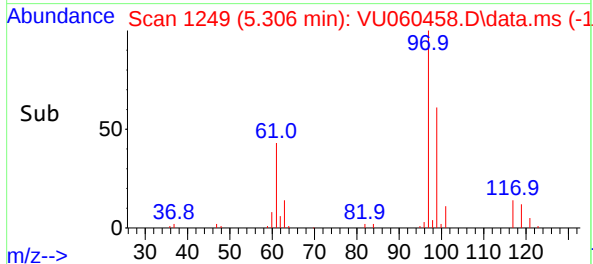
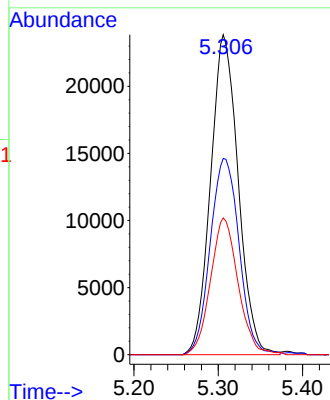
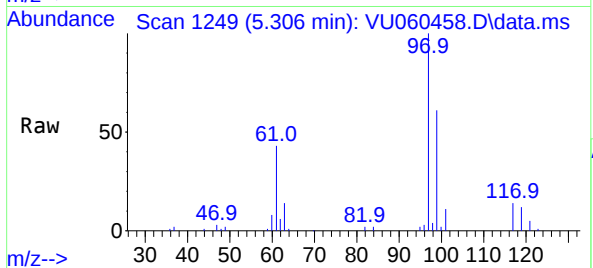




#29
1,1,1-Trichloroethane
Concen: 5.623 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

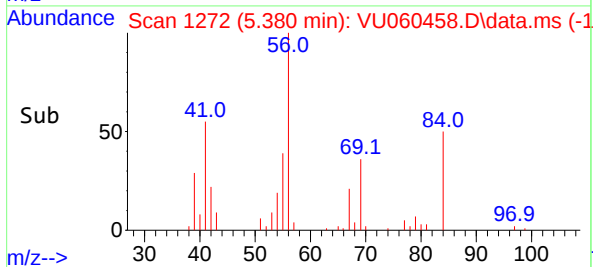
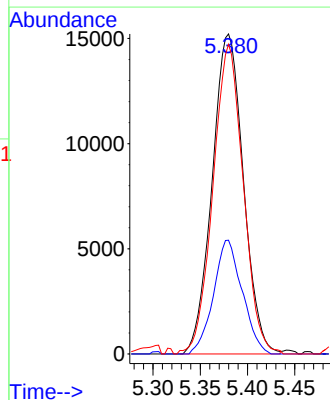
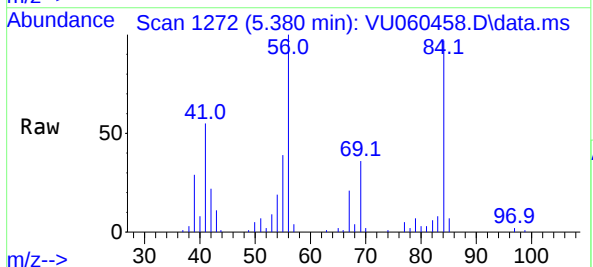
Instrument :
MSVOA_U
ClientSampleId :

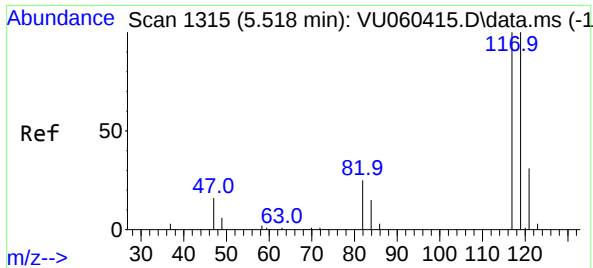
Tgt Ion: 97 Resp: 54319
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 42.8 33.0 49.6



#30
Cyclohexane
Concen: 4.471 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion: 56 Resp: 34959
Ion Ratio Lower Upper
56 100
69 32.7 24.7 37.1
84 93.6 70.7 106.1

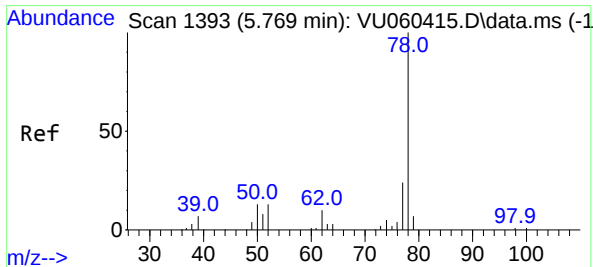
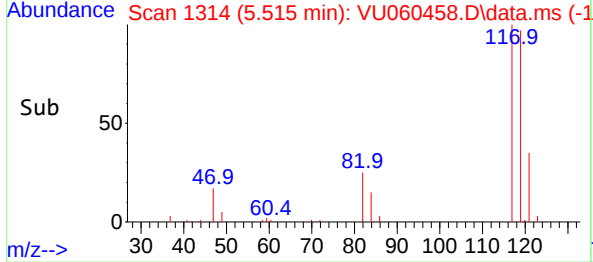
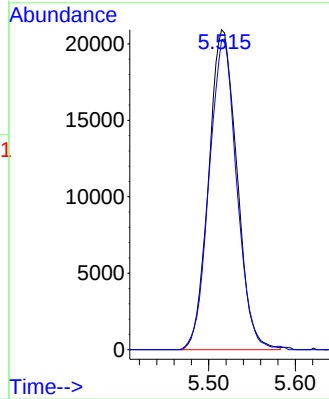
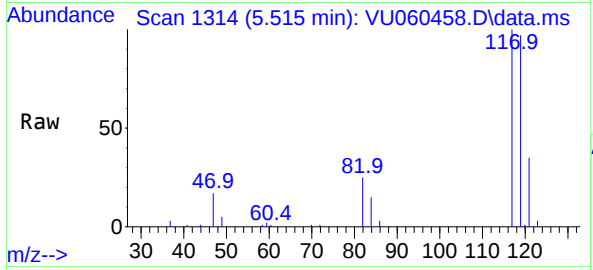




#31
Carbon tetrachloride
Concen: 5.581 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

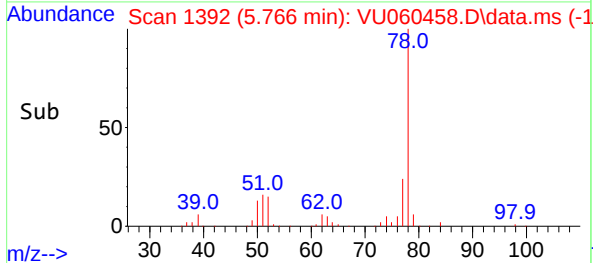
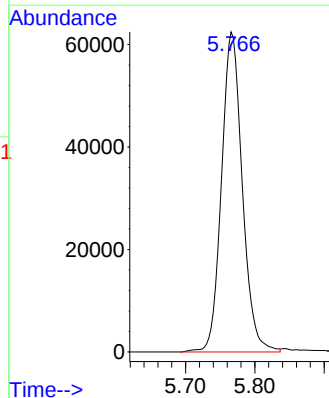
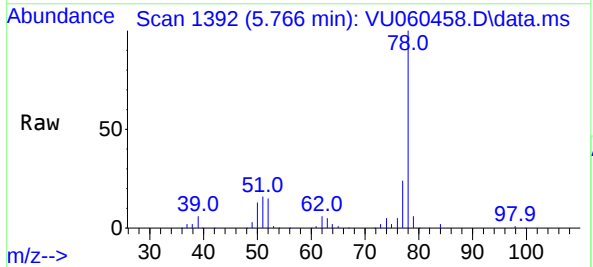
Instrument :
MSVOA_U
ClientSampleId :

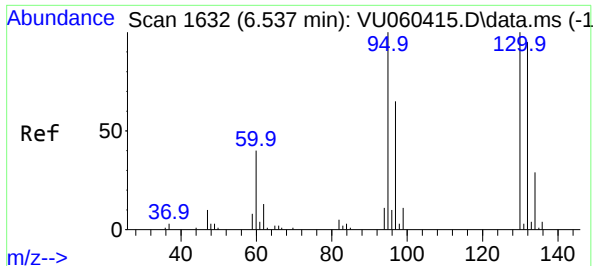
Tgt Ion:117 Resp: 47247
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8



#33
Benzene
Concen: 5.132 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

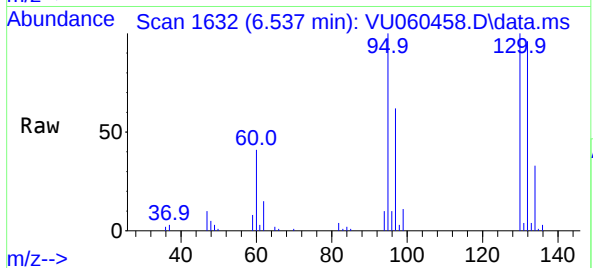
Tgt Ion: 78 Resp: 130379



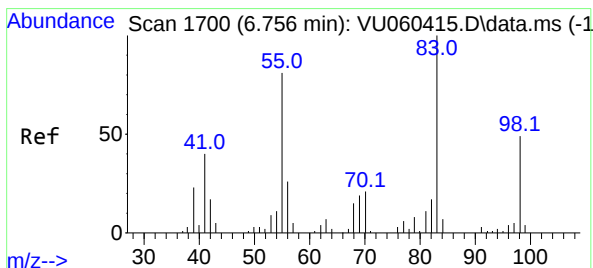
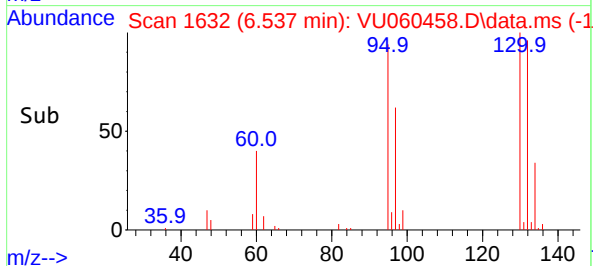
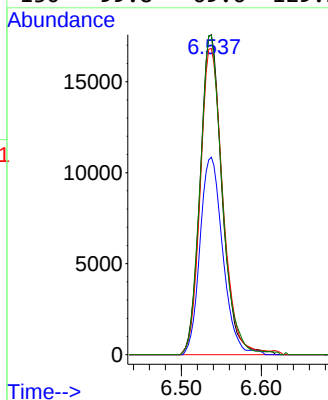


#34
Trichloroethene
Concen: 5.065 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :

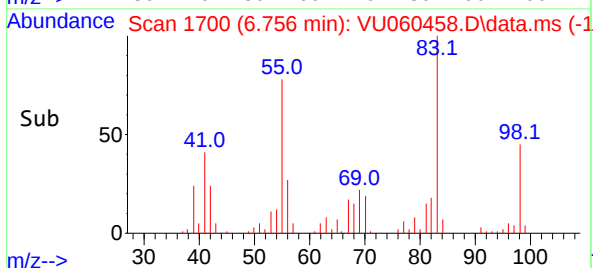
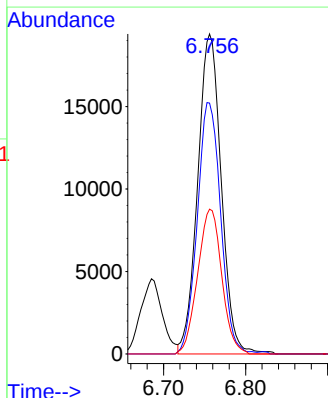
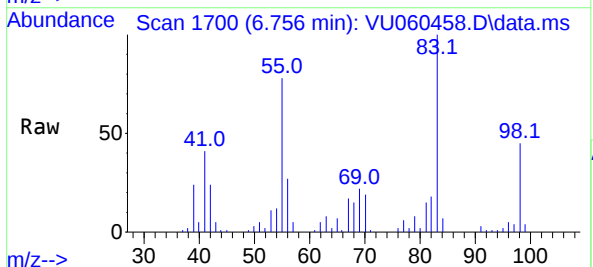


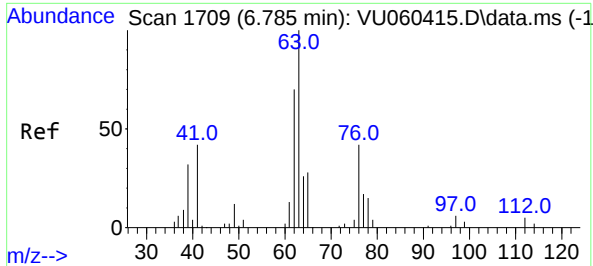
Tgt Ion: 95 Resp: 33680
Ion Ratio Lower Upper
95 100
97 61.7 43.6 81.0
132 95.7 67.1 124.5
130 99.8 69.6 129.2



#35
Methylcyclohexane
Concen: 4.456 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion: 83 Resp: 38695
Ion Ratio Lower Upper
83 100
55 78.1 62.4 93.6
98 46.3 37.3 55.9

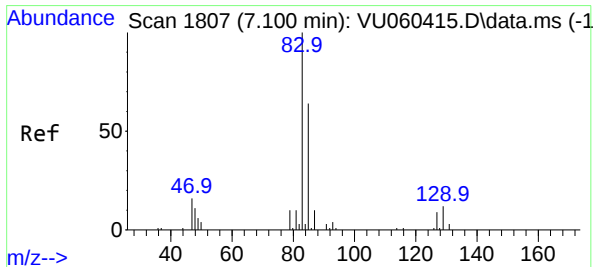
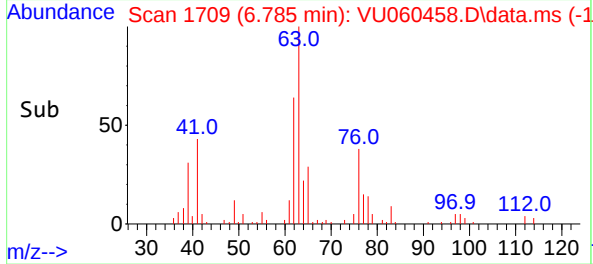
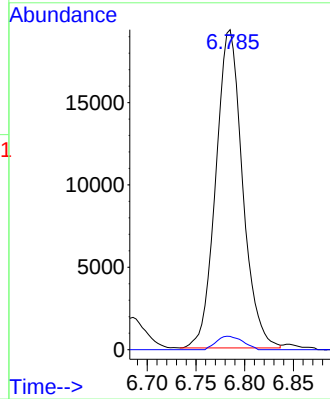
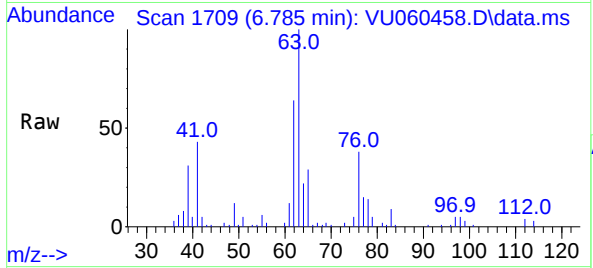




#37
1,2-Dichloropropane
Concen: 5.338 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

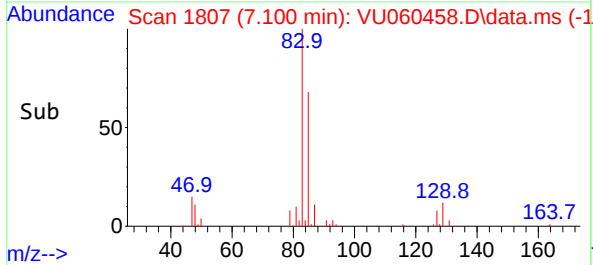
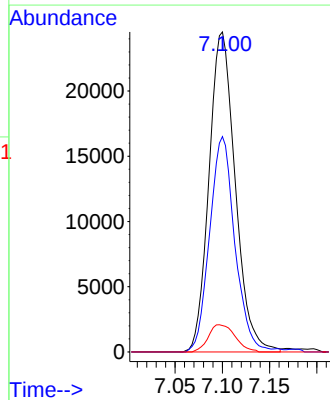
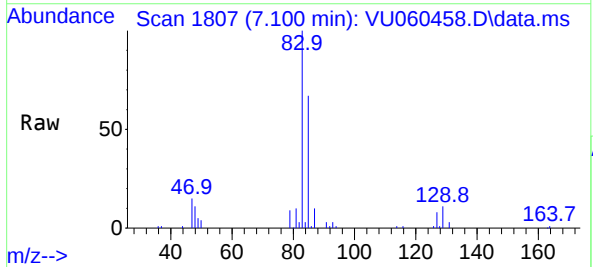
Instrument :
MSVOA_U
ClientSampleId :

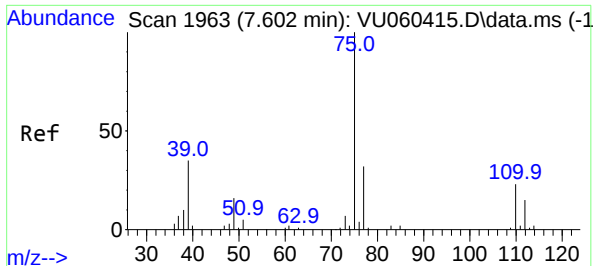
Tgt Ion: 63 Resp: 36907
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 5.539 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion: 83 Resp: 47332
Ion Ratio Lower Upper
83 100
85 67.3 42.4 78.8
127 8.2 7.0 10.4

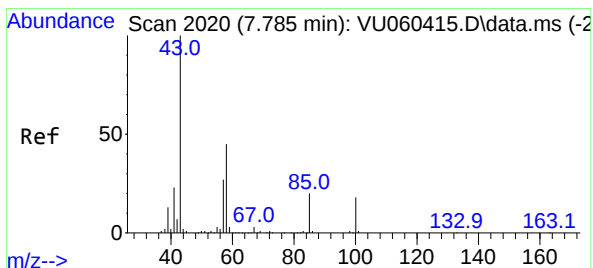
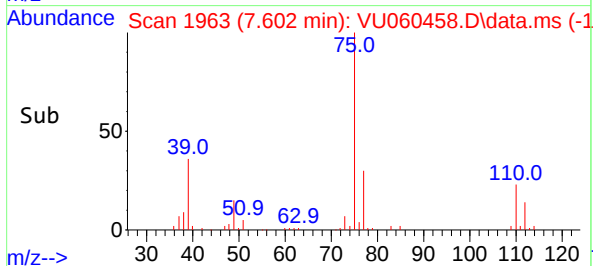
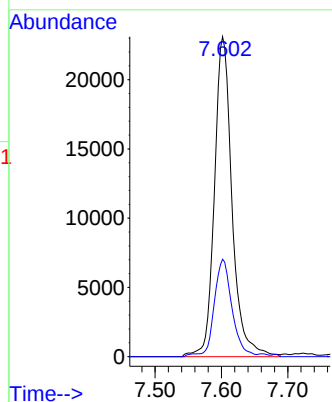
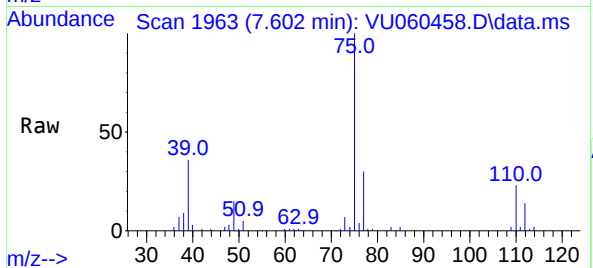




#39
cis-1,3-Dichloropropene
Concen: 4.550 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

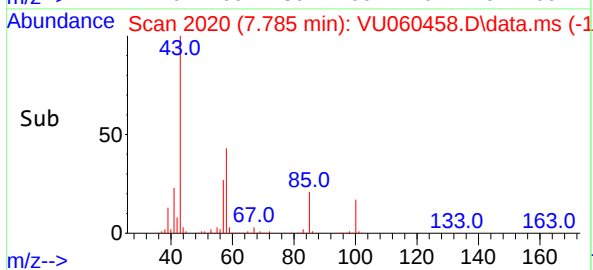
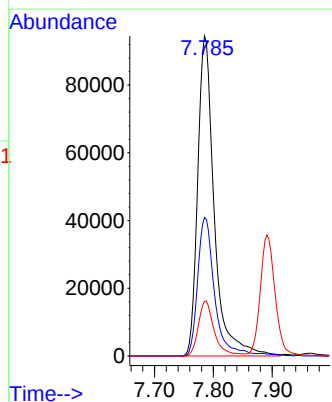
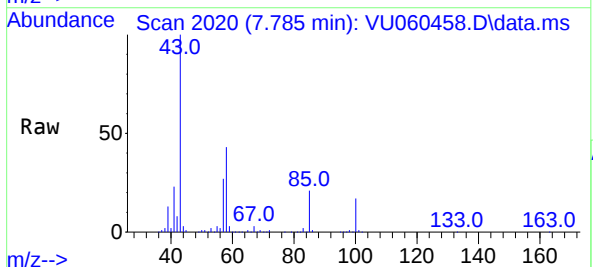
Instrument :
MSVOA_U
ClientSampleId :

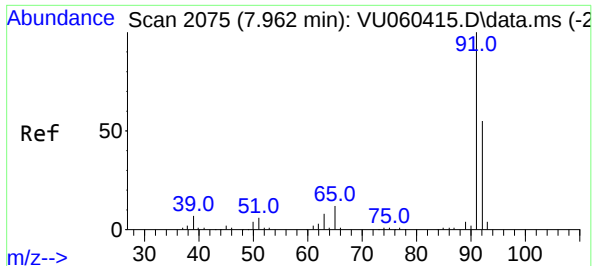
Tgt Ion: 75 Resp: 42733
Ion Ratio Lower Upper
75 100
77 30.4 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 57.264 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion: 43 Resp: 184810
Ion Ratio Lower Upper
43 100
58 43.9 36.6 55.0
100 16.5 14.1 21.1

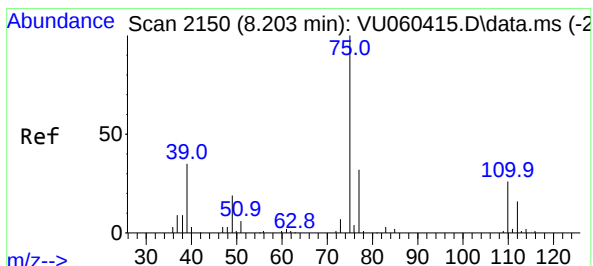
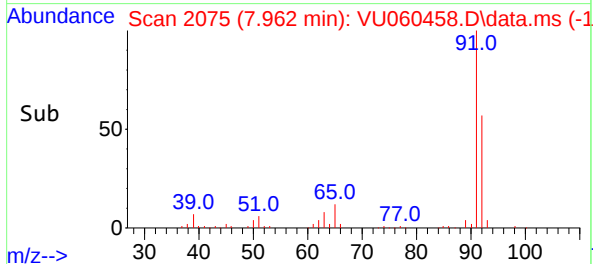
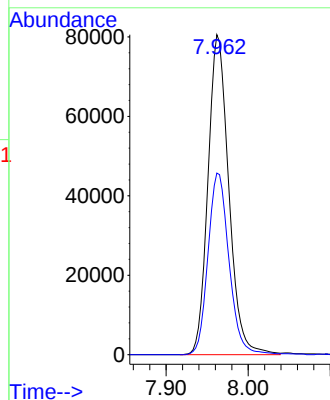
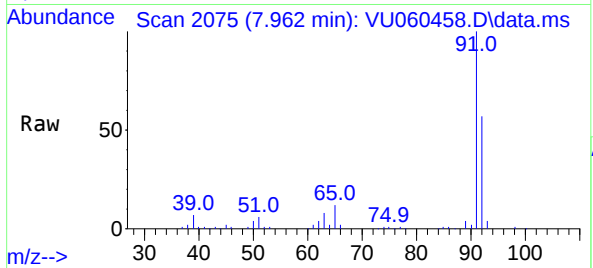




#42
Toluene
Concen: 5.287 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

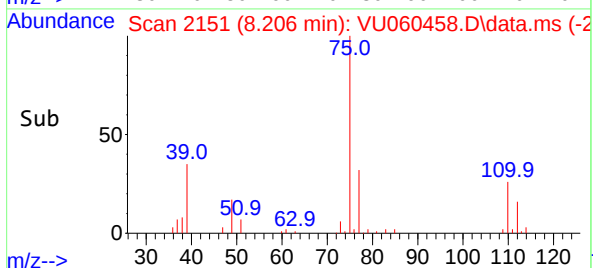
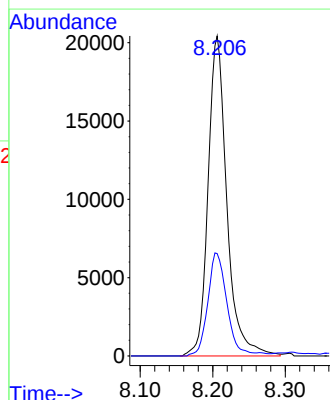
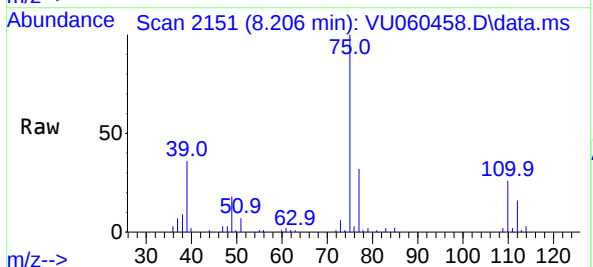
Instrument :
MSVOA_U
ClientSampleId :

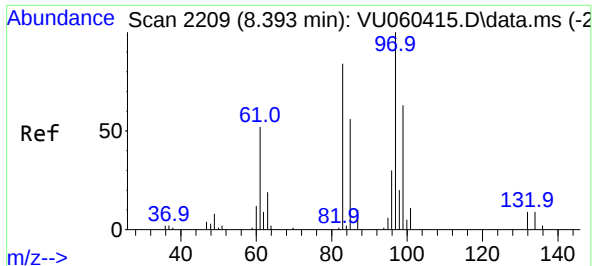
Tgt Ion: 91 Resp: 141911
Ion Ratio Lower Upper
91 100
92 56.7 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 4.728 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion: 75 Resp: 36682
Ion Ratio Lower Upper
75 100
77 32.0 25.0 46.4





#45

1,1,2-Trichloroethane

Concen: 5.229 ug/L

RT: 8.393 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU060458.D

Acq: 14 Aug 2024 16:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 27686

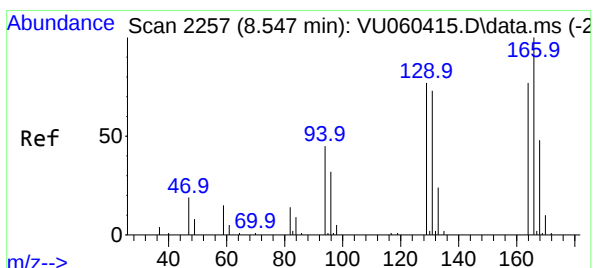
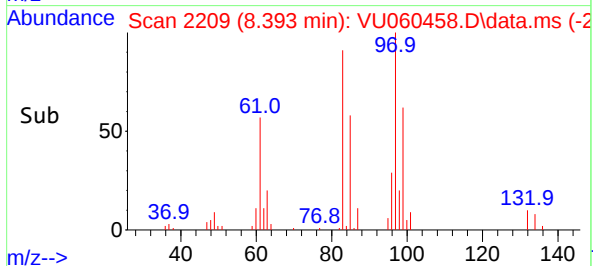
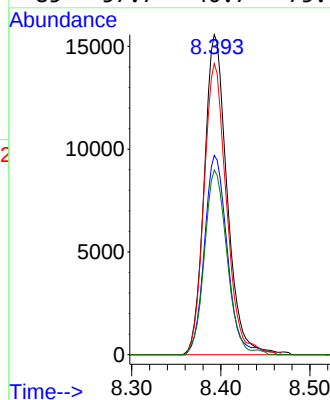
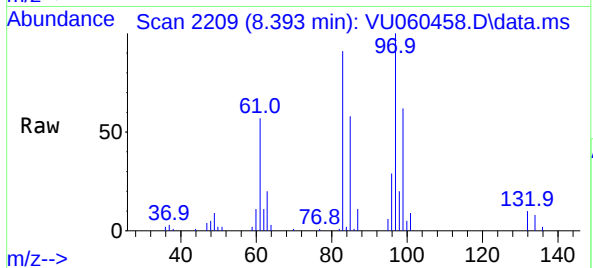
Ion Ratio Lower Upper

97 100

99 62.3 45.8 85.0

83 91.0 61.7 114.5

85 57.7 40.7 75.7



#47

Tetrachloroethene

Concen: 5.035 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060458.D

Acq: 14 Aug 2024 16:57

Tgt Ion:164 Resp: 26191

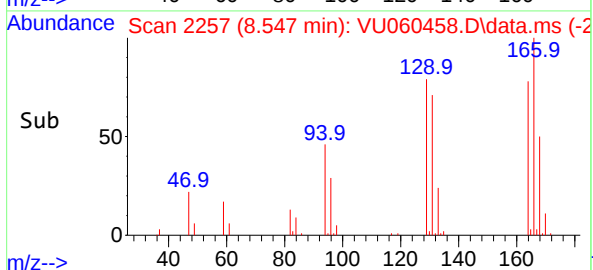
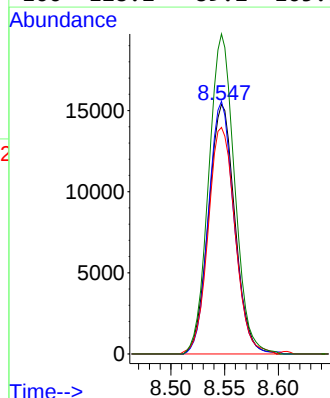
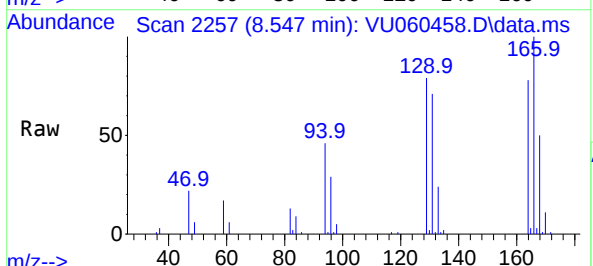
Ion Ratio Lower Upper

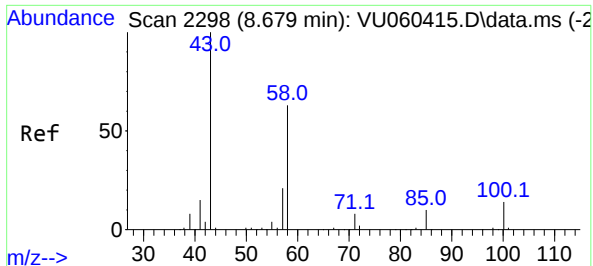
164 100

129 101.3 69.0 128.1

131 90.8 62.6 116.3

166 128.2 89.2 165.8



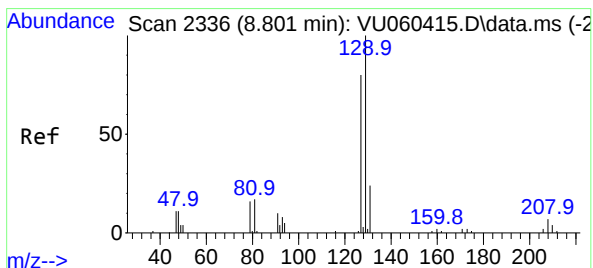
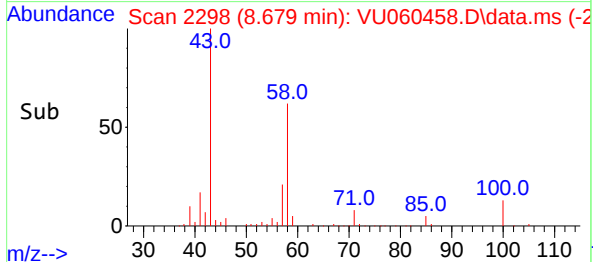
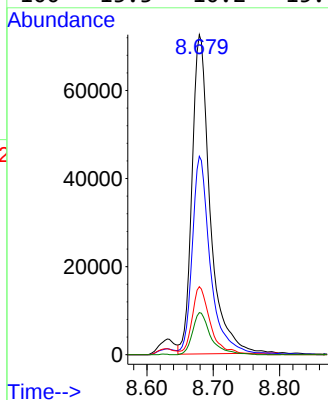
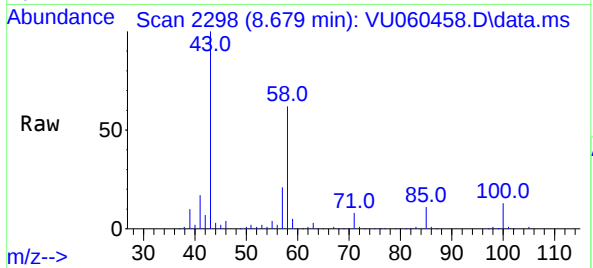


#48
2-Hexanone
Concen: 56.335 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 137827

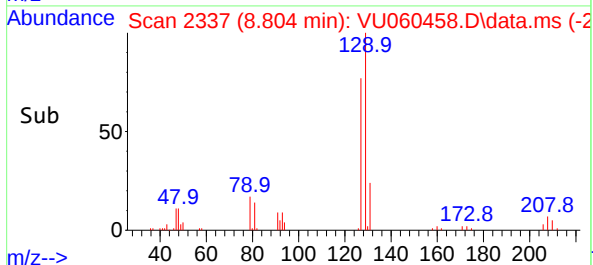
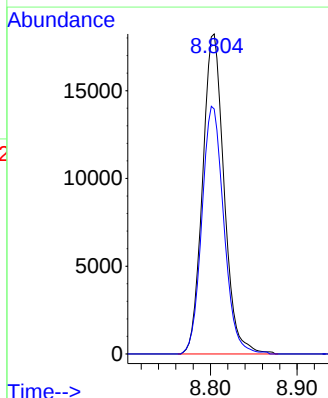
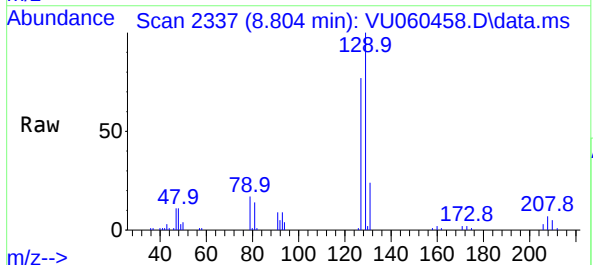
Ion	Ratio	Lower	Upper
43	100		
58	61.9	50.9	76.3
57	21.0	17.4	26.0
100	13.3	10.2	15.4

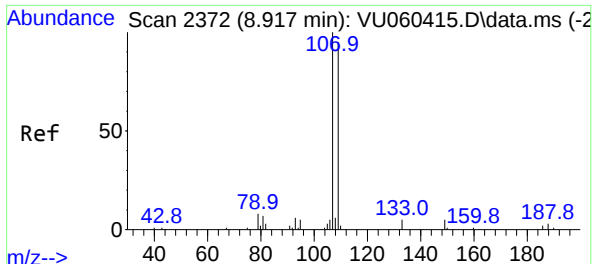


#49
Dibromochloromethane
Concen: 5.586 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion: 129 Resp: 31451

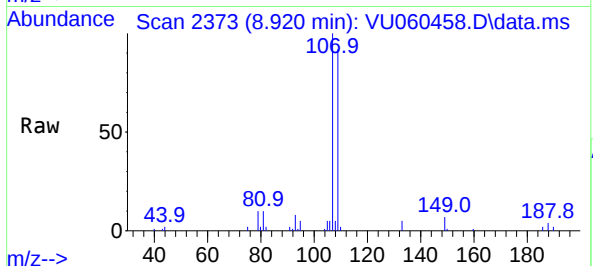
Ion	Ratio	Lower	Upper
129	100		
127	76.6	51.9	96.3



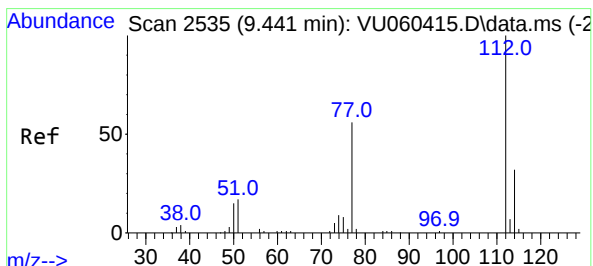
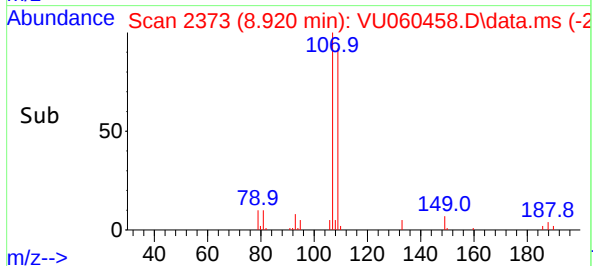
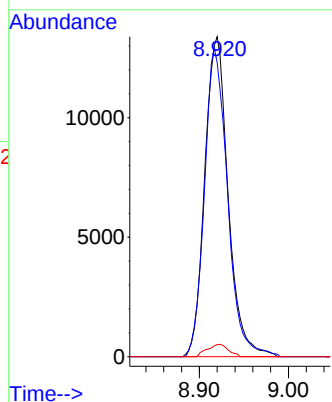


#50
1,2-Dibromoethane
Concen: 5.185 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :

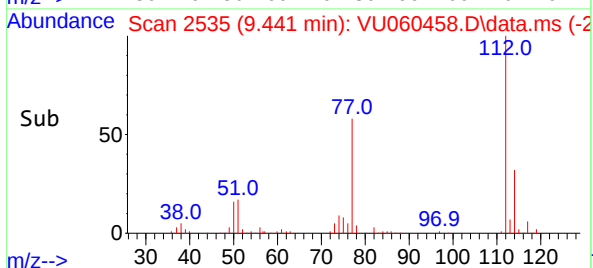
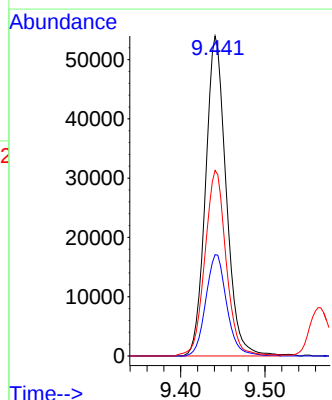
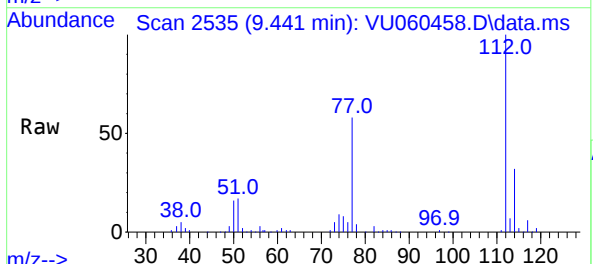


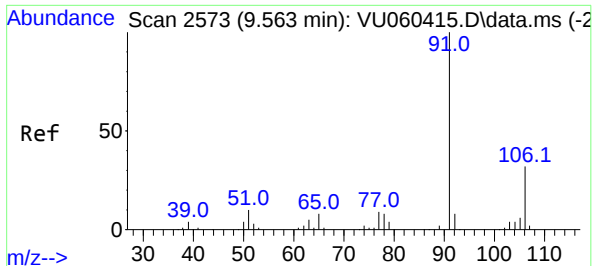
Tgt Ion:107 Resp: 24441
Ion Ratio Lower Upper
107 100
109 91.9 64.8 120.3
188 3.8 2.6 3.8



#51
Chlorobenzene
Concen: 5.074 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion:112 Resp: 91898
Ion Ratio Lower Upper
112 100
114 31.7 21.3 39.5
77 58.0 44.6 67.0

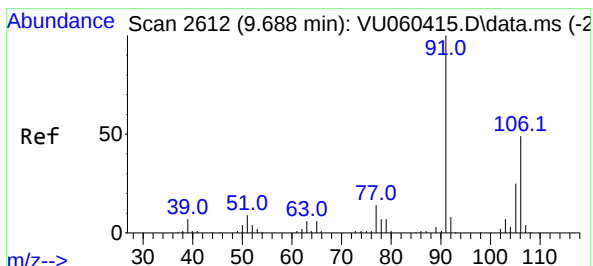
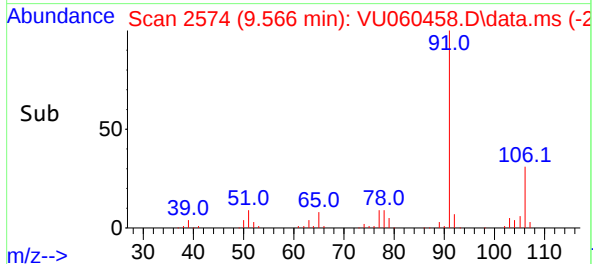
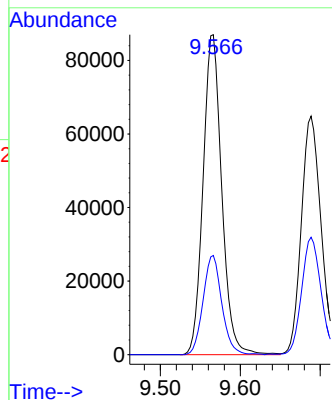
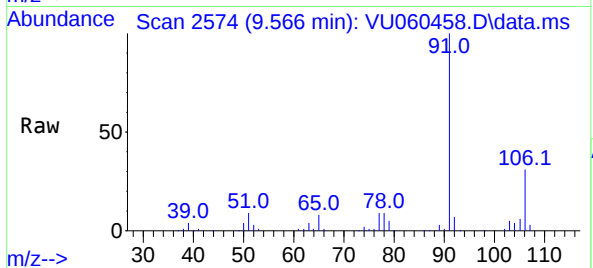




#52
Ethylbenzene
Concen: 5.009 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

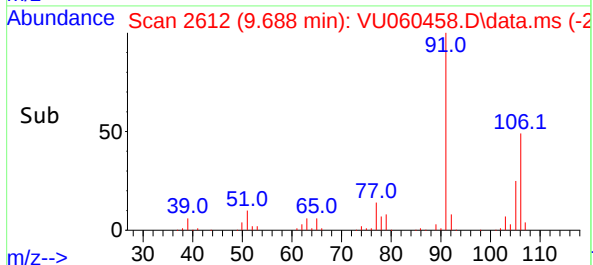
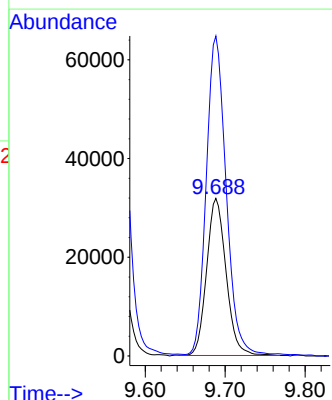
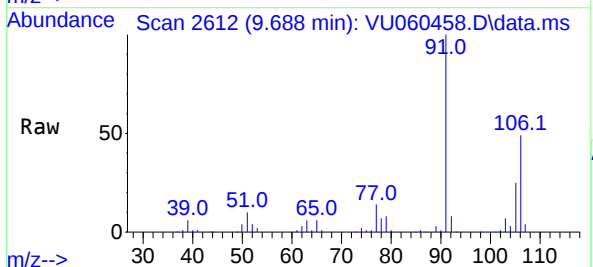
Instrument :
MSVOA_U
ClientSampleId :

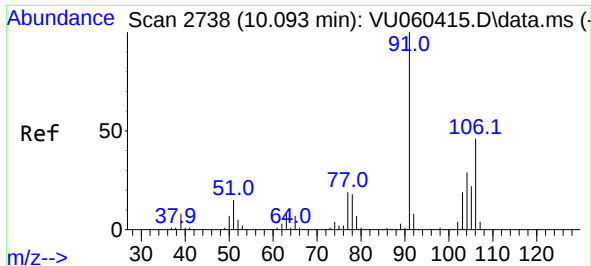
Tgt Ion: 91 Resp: 141644
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.2



#53
m,p-Xylene
Concen: 5.017 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion:106 Resp: 53925
Ion Ratio Lower Upper
106 100
91 203.1 143.2 266.0

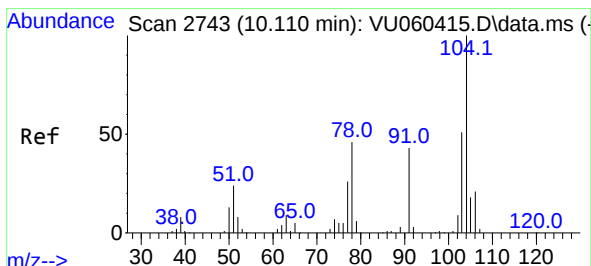
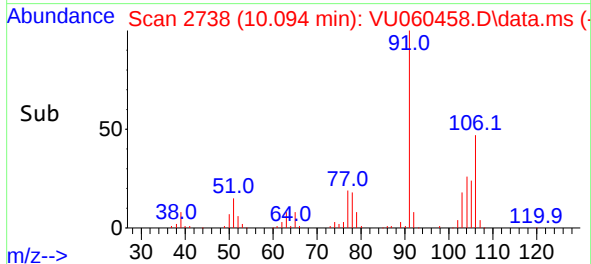
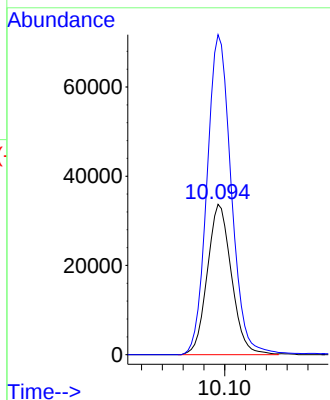
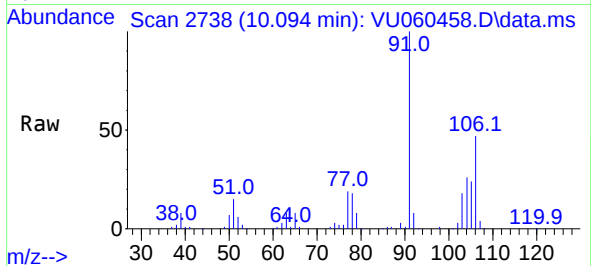




#54
o-Xylene
Concen: 5.295 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

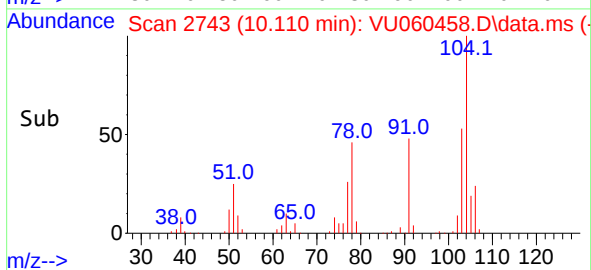
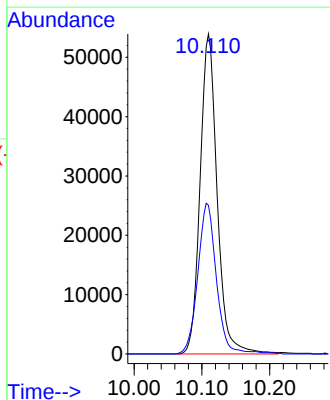
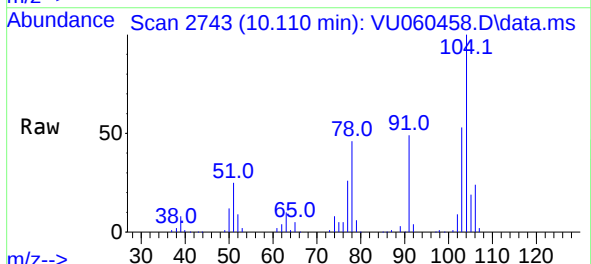
Instrument :
MSVOA_U
ClientSampleId :

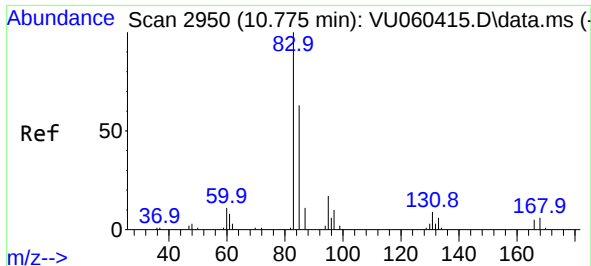
Tgt Ion:106 Resp: 54456
Ion Ratio Lower Upper
106 100
91 212.8 150.2 279.0



#55
Styrene
Concen: 5.295 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion:104 Resp: 94235
Ion Ratio Lower Upper
104 100
78 46.4 32.1 59.7

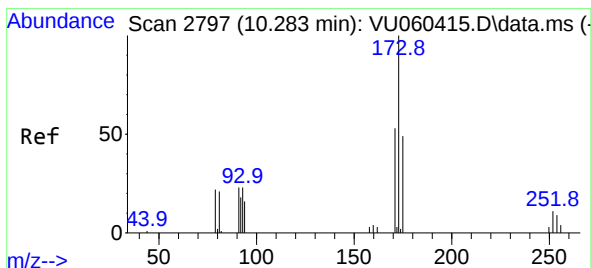
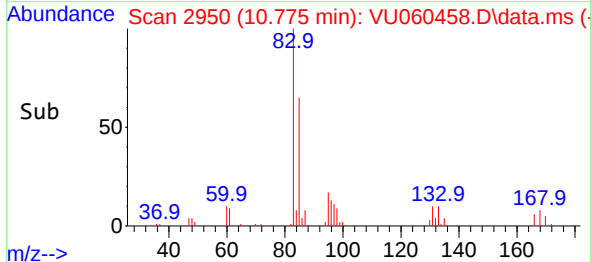
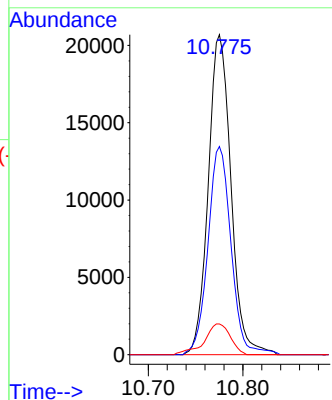
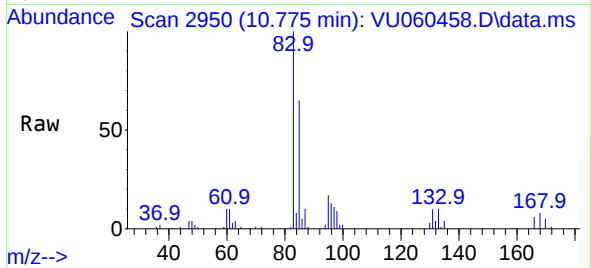




#57
1,1,2,2-Tetrachloroethane
Concen: 5.245 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

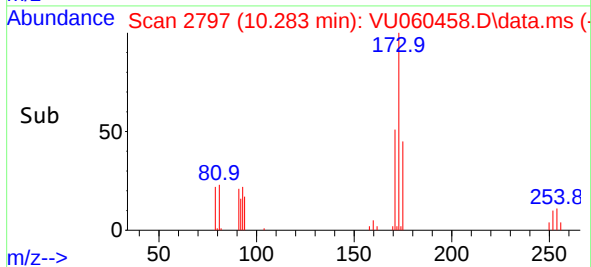
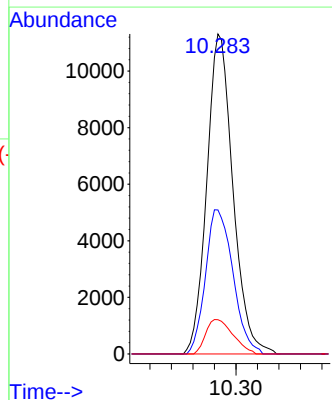
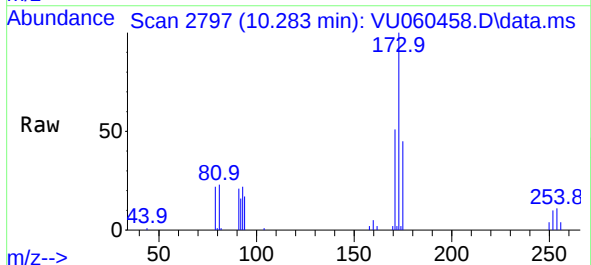
Instrument :
MSVOA_U
ClientSampleId :

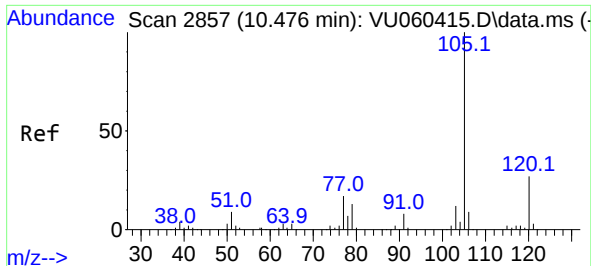
Tgt Ion:	83	Resp:	34533
Ion Ratio	Lower	Upper	
83	100		
85	65.1	46.1	85.5
131	9.6	7.6	11.4



#59
Bromoform
Concen: 5.485 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion:	173	Resp:	19073
Ion Ratio	Lower	Upper	
173	100		
175	47.3	39.7	59.5
254	11.2	8.2	12.4

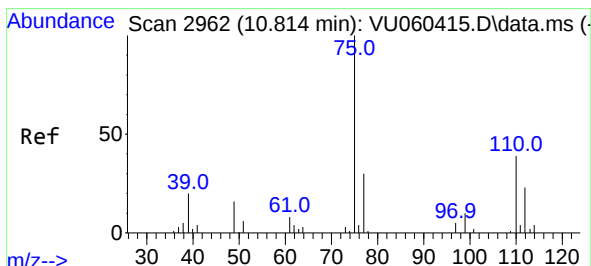
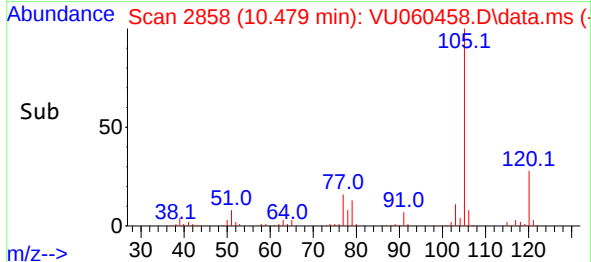
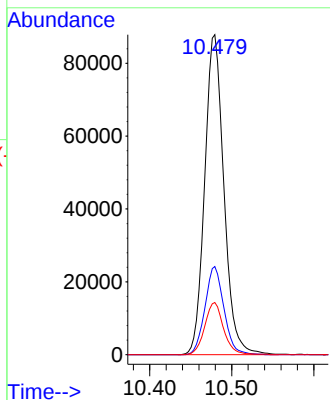
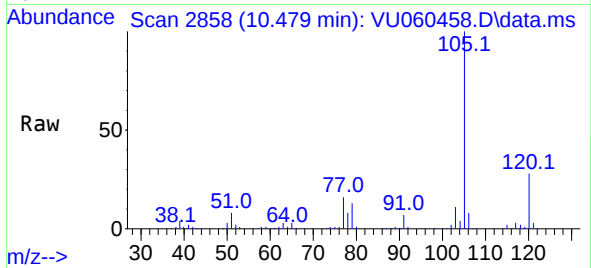




#60
Isopropylbenzene
Concen: 5.183 ug/L
RT: 10.479 min Scan# 2857
Delta R.T. 0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

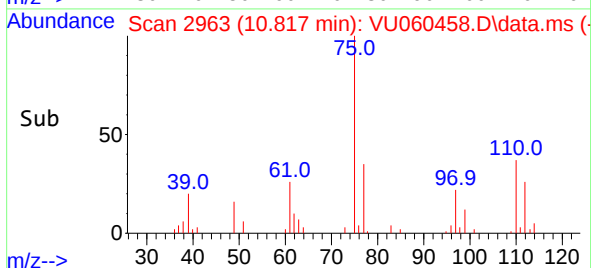
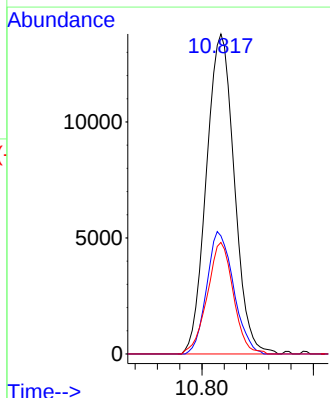
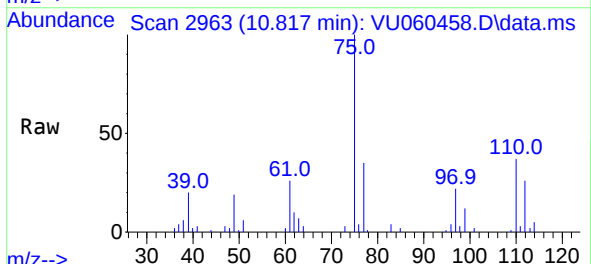
Instrument :
MSVOA_U
ClientSampleId :

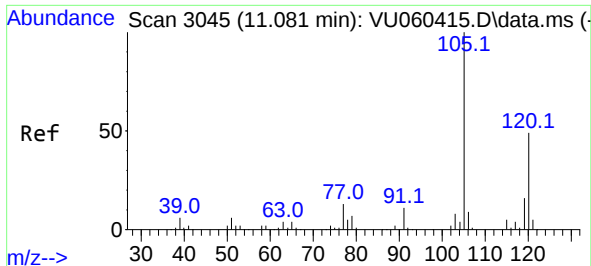
Tgt Ion:	105	Resp:	143314
Ion Ratio	Lower	Upper	
105	100		
120	27.2	21.0	31.6
77	16.1	12.6	19.0



#61
1,2,3-Trichloropropane
Concen: 5.412 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion:	75	Resp:	23992
Ion Ratio	Lower	Upper	
75	100		
110	36.7	29.9	44.9
77	32.6	27.0	40.6

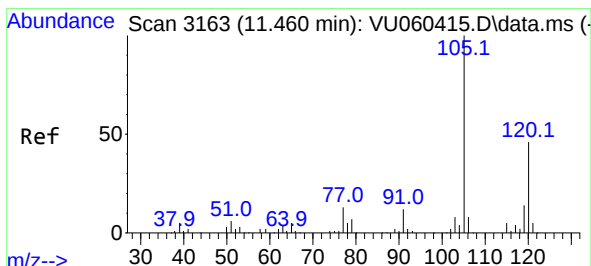
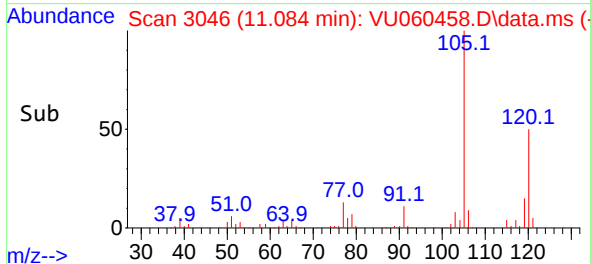
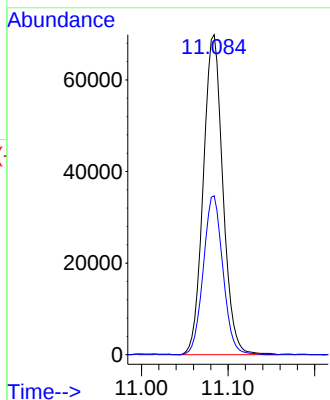
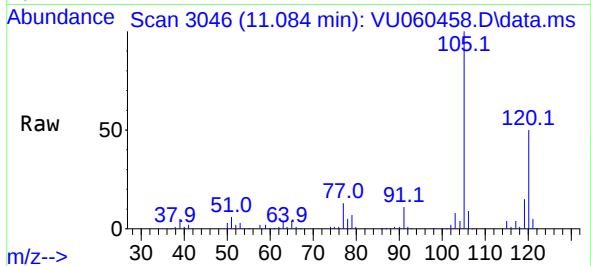




#62
1,3,5-Trimethylbenzene
Concen: 5.163 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

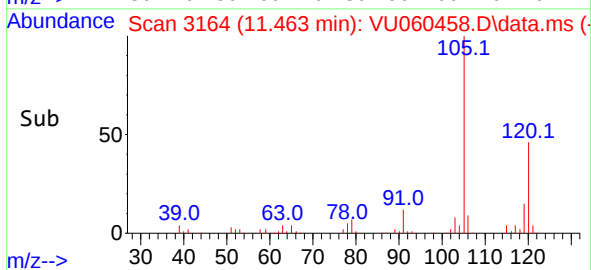
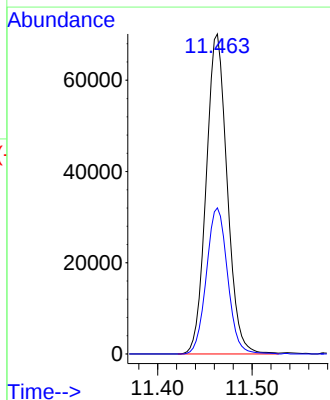
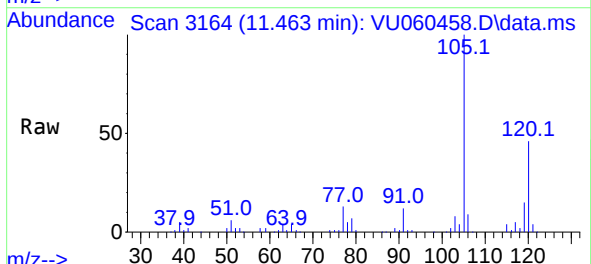
Instrument :
MSVOA_U
ClientSampleId :

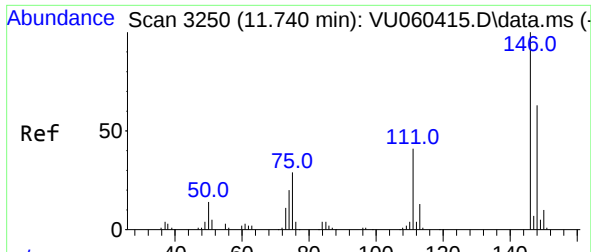
Tgt Ion:105 Resp: 109907
Ion Ratio Lower Upper
105 100
120 49.7 39.3 58.9



#63
1,2,4-Trimethylbenzene
Concen: 5.155 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

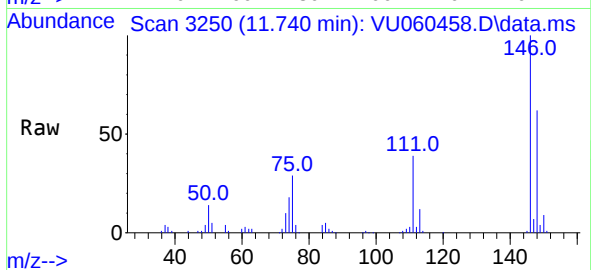
Tgt Ion:105 Resp: 108136
Ion Ratio Lower Upper
105 100
120 46.1 36.1 54.1



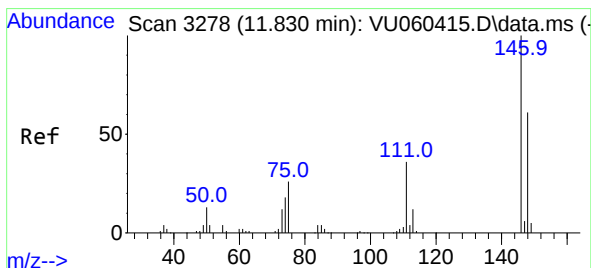
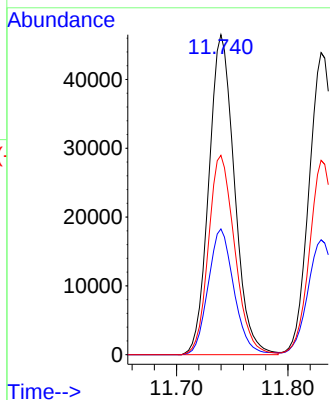
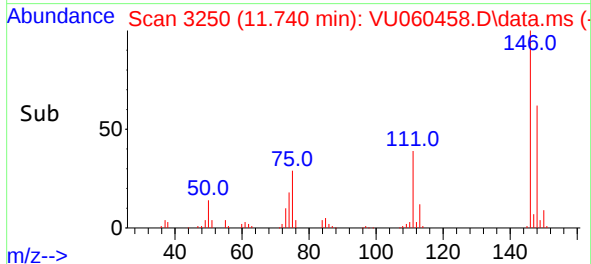


#64
1,3-Dichlorobenzene
Concen: 5.281 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

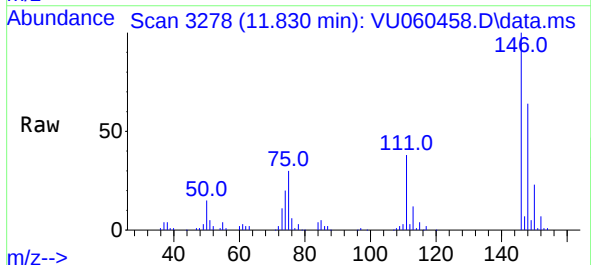
Instrument :
MSVOA_U
ClientSampleId :



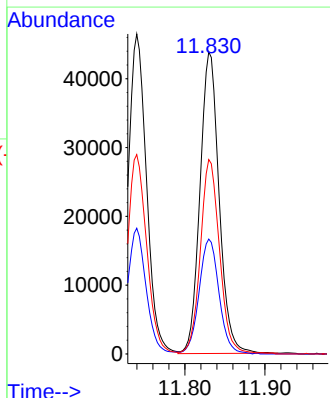
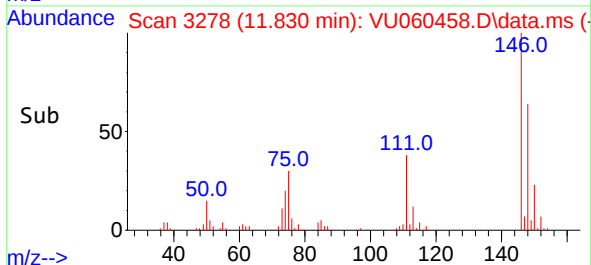
Tgt Ion:146 Resp: 74410
Ion Ratio Lower Upper
146 100
111 39.3 29.2 54.2
148 62.3 44.9 83.3

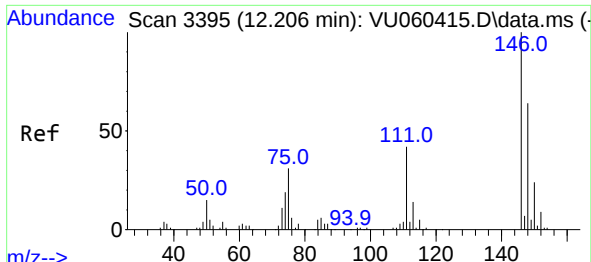


#65
1,4-Dichlorobenzene
Concen: 5.145 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57



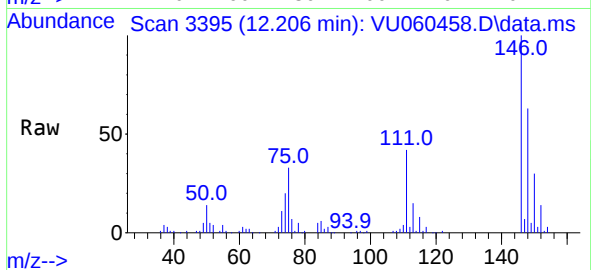
Tgt Ion:146 Resp: 73078
Ion Ratio Lower Upper
146 100
111 38.0 25.8 48.0
148 64.3 44.0 81.6



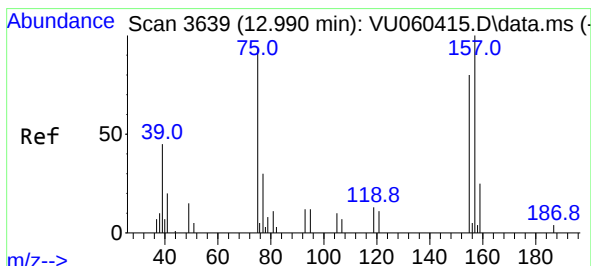
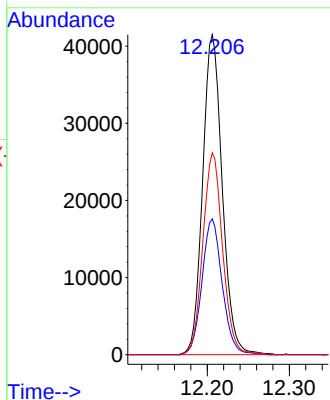
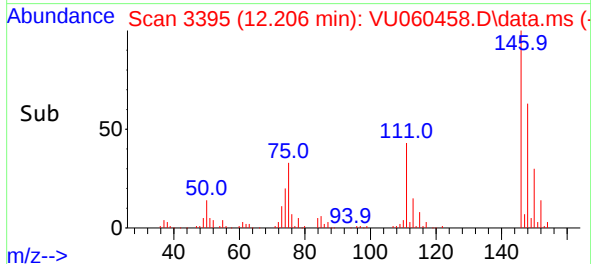


#67
1,2-Dichlorobenzene
Concen: 5.188 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

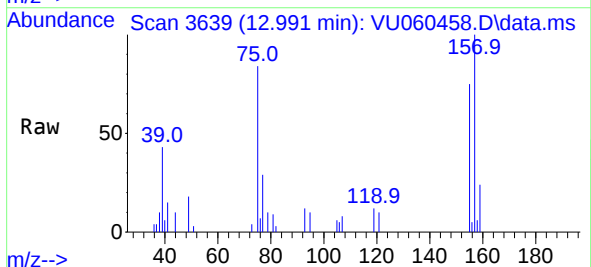
Instrument :
MSVOA_U
ClientSampleId :



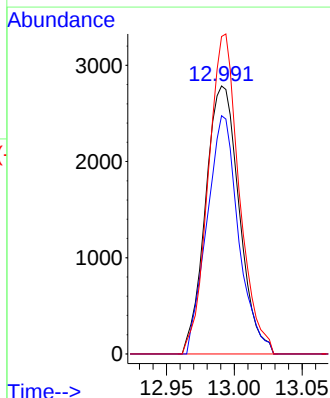
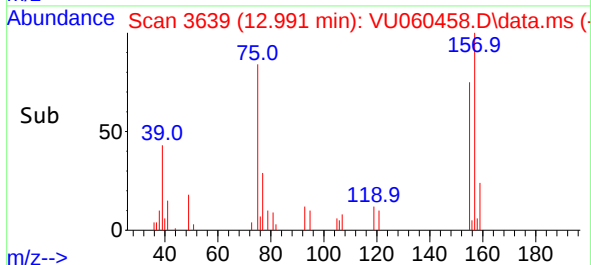
Tgt Ion:146 Resp: 69032
Ion Ratio Lower Upper
146 100
111 42.5 32.0 48.0
148 63.1 51.8 77.8

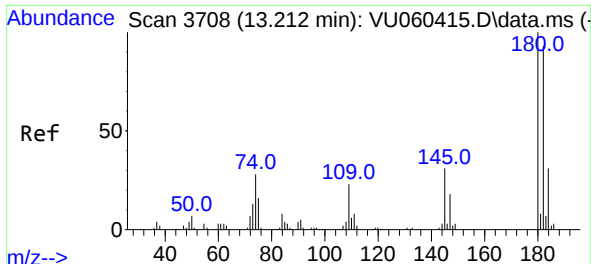


#68
1,2-Dibromo-3-chloropropane
Concen: 5.788 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57



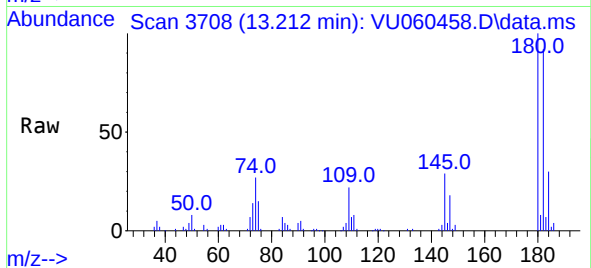
Tgt Ion: 75 Resp: 4810
Ion Ratio Lower Upper
75 100
155 88.9 64.3 96.5
157 118.5 88.0 132.0





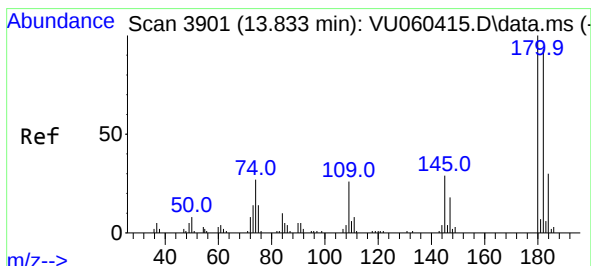
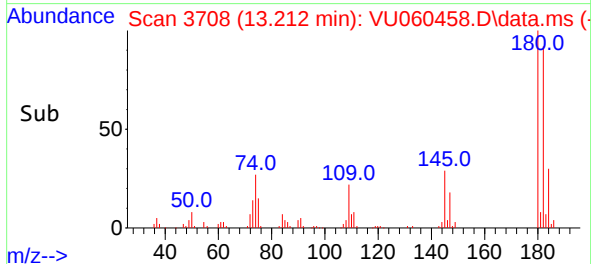
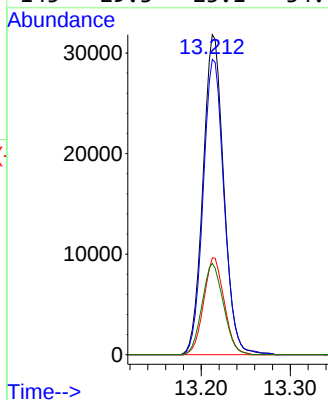
#69
1,3,5-Trichlorobenzene
Concen: 4.837 ug/L
RT: 13.212 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:180 Resp: 51511

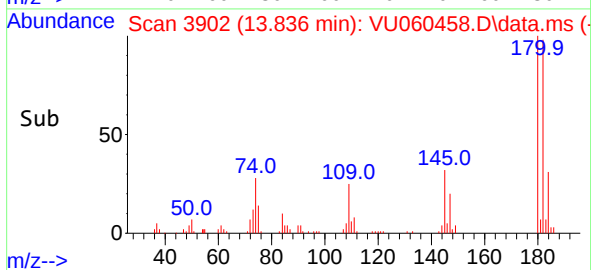
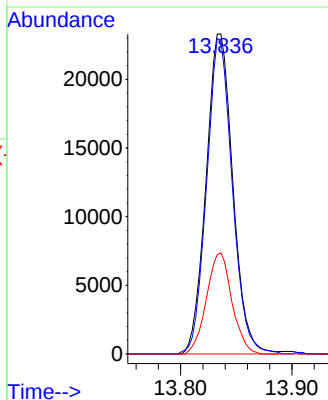
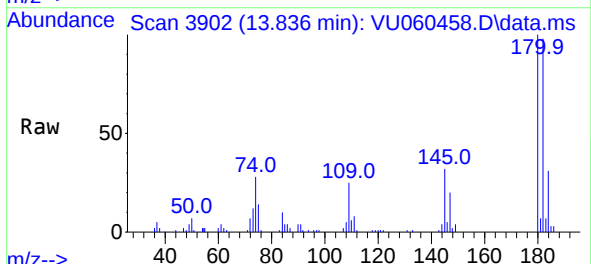
Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.0	114.0
184	29.9	23.8	35.8
145	29.3	23.1	34.7

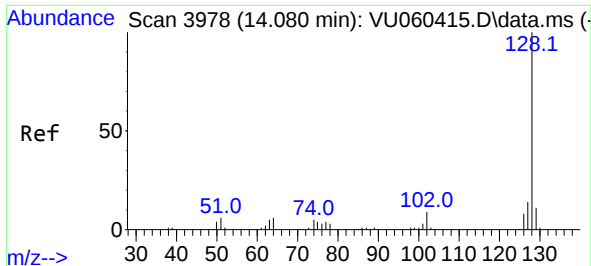


#70
1,2,4-trichlorobenzene
Concen: 4.649 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion:180 Resp: 38868

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.0	114.0
145	30.0	23.7	35.5

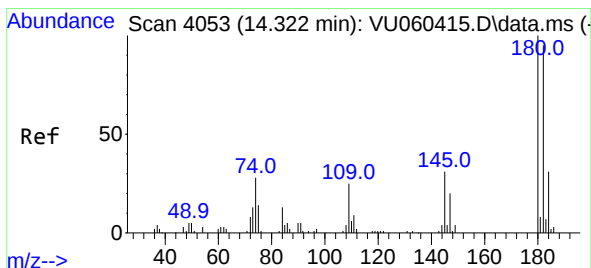
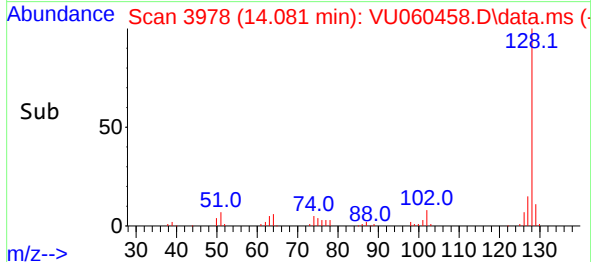
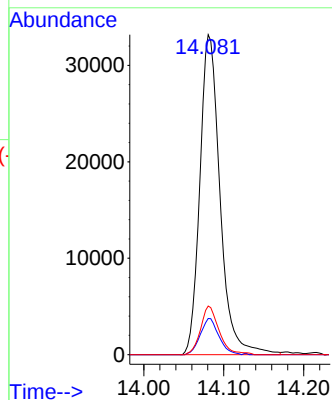
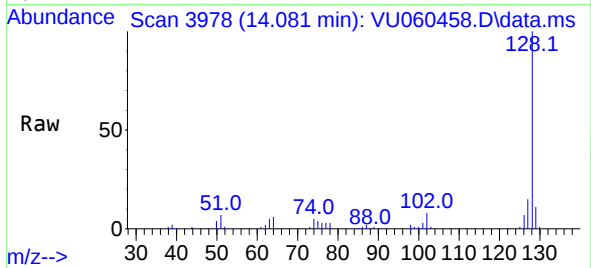




#71
Naphthalene
Concen: 4.912 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 58393
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 14.0 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.821 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060458.D
Acq: 14 Aug 2024 16:57

Tgt Ion:180 Resp: 36107
Ion Ratio Lower Upper
180 100
182 98.8 75.7 113.5
145 31.0 23.7 35.5

