

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072224\
 Data File : VU060081.D
 Acq On : 22 Jul 2024 09:44
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 22 11:14:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	130834	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	131023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65910	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32264	3.544	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.901	69	36437	4.309	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.560	65	13233	3.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.621	46	99196	46.610	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.220%
24) Chloroform-d	5.055	84	83005	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.695	65	40302	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.721	84	158281	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.685	67	53346	4.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.894	98	142812	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.177	79	17479	4.590	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.627	63	82597	48.883	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.760%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47730	4.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	54359	4.569	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	43266	4.373	ug/L	100
3) Chloromethane	1.518	50	53901	4.511	ug/L	100
5) Vinyl chloride	1.602	62	60406	4.509	ug/L	100
6) Bromomethane	1.850	94	43491	4.987	ug/L	100
8) Chloroethane	1.924	64	40880	4.672	ug/L	99
9) Trichlorofluoromethane	2.129	101	80126	4.743	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51293	4.653	ug/L	98
12) 1,1-Dichloroethene	2.573	96	46671	4.673	ug/L	88
13) Acetone	2.628	43	67949	48.266	ug/L	99
14) Carbon disulfide	2.785	76	129651	4.459	ug/L	100
15) Methyl Acetate	2.949	43	16515	4.770	ug/L	99
16) Methylene chloride	3.036	84	57179	4.670	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	105410	4.629	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	48987	4.716	ug/L	94
19) 1,1-Dichloroethane	3.859	63	92376	4.683	ug/L	98
21) 2-Butanone	4.698	43	106145	47.629	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	56733	4.876	ug/L	97
23) Bromochloromethane	4.968	128	27040	4.782	ug/L	95
25) Chloroform	5.081	83	97523	4.496	ug/L	99

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 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 22 11:14:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

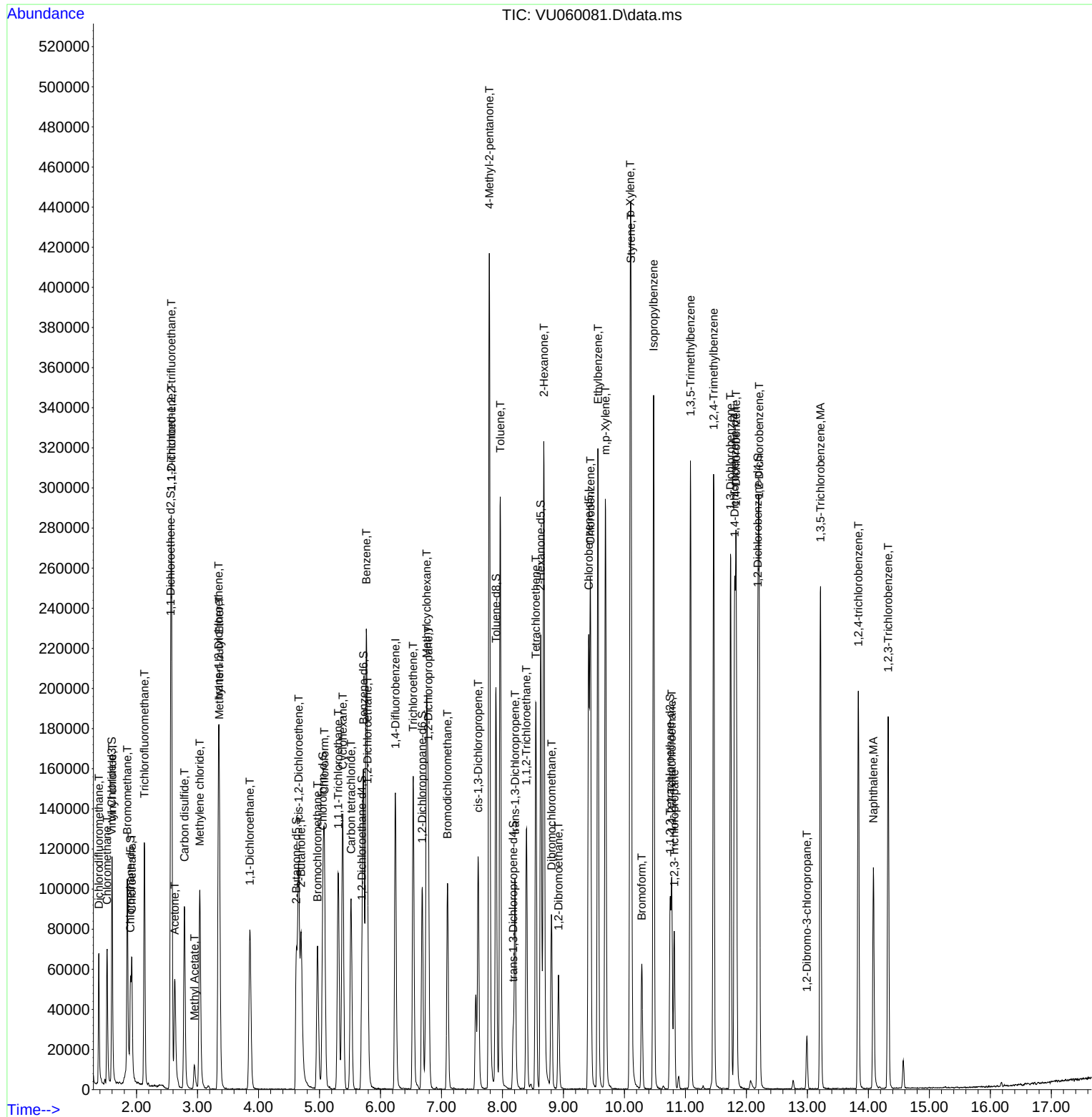
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	55980	4.515	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	79042	4.830	ug/L	97
30) Cyclohexane	5.380	56	64253	4.964	ug/L	99
31) Carbon tetrachloride	5.518	117	66912	4.739	ug/L	98
33) Benzene	5.769	78	215237	4.973	ug/L	100
34) Trichloroethene	6.537	95	54912	4.783	ug/L	99
35) Methylcyclohexane	6.756	83	73732	4.900	ug/L	99
37) 1,2-Dichloropropane	6.785	63	56591	4.840	ug/L	99
38) Bromodichloromethane	7.100	83	70804	4.833	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	74688	4.888	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	251212	48.550	ug/L	99
42) Toluene	7.965	91	230321	5.000	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	61606	4.826	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	43050	4.818	ug/L	98
47) Tetrachloroethene	8.550	164	46619	4.912	ug/L	98
48) 2-Hexanone	8.679	43	189199	49.939	ug/L	99
49) Dibromochloromethane	8.804	129	46469	4.701	ug/L	98
50) 1,2-Dibromoethane	8.920	107	38938	4.820	ug/L	99
51) Chlorobenzene	9.444	112	145942	4.850	ug/L	98
52) Ethylbenzene	9.566	91	227827	4.960	ug/L	98
53) m,p-Xylene	9.688	106	88299	4.976	ug/L	97
54) o-Xylene	10.097	106	87041	5.129	ug/L	99
55) Styrene	10.110	104	146681	5.078	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	51363	4.699	ug/L	99
59) Bromoform	10.283	173	29111	4.860	ug/L	99
60) Isopropylbenzene	10.479	105	227139	5.269	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	35249	5.072	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	170948	5.190	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	169441	5.324	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	115905	4.997	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	116207	4.921	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	111064	5.002	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	6929	5.116	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	87003	4.970	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	67640	5.076	ug/L	98
71) Naphthalene	14.084	128	98513	5.218	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	64648	5.395	ug/L	99

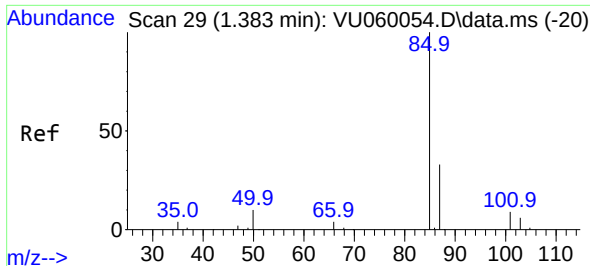
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 22 11:14:32 2024
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QLast Update : Sat Jul 20 01:37:26 2024
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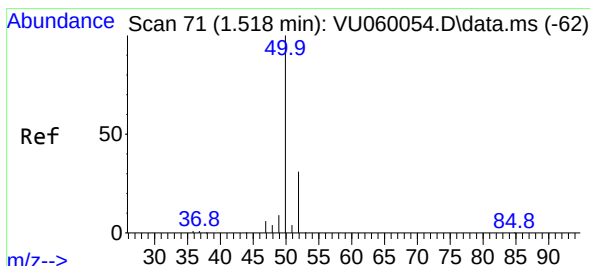
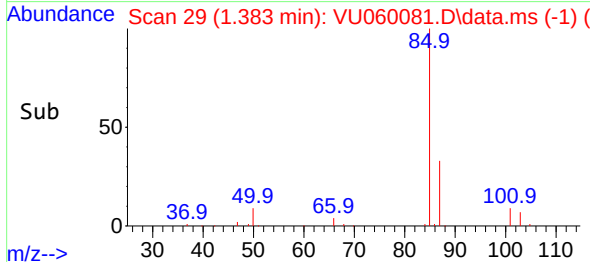
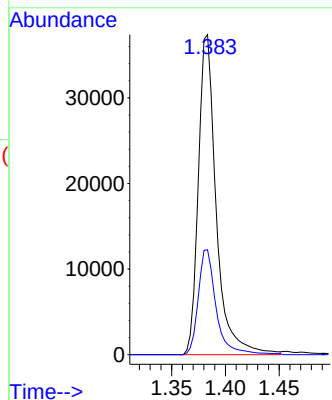
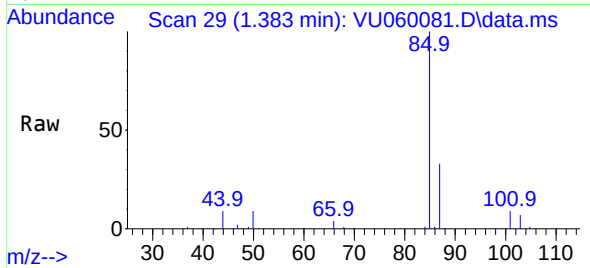




#2
Dichlorodifluoromethane
Concen: 4.373 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

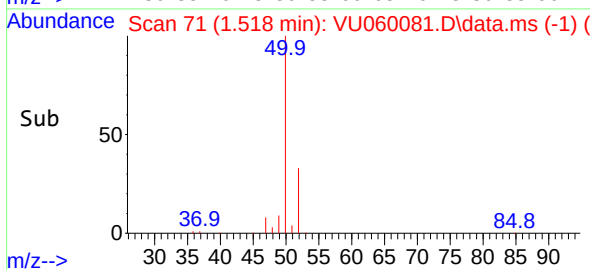
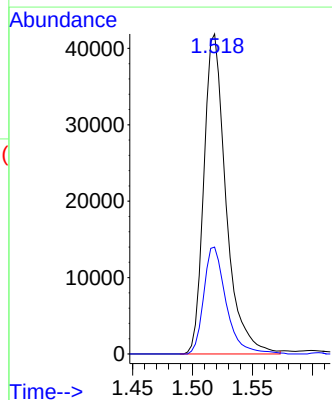
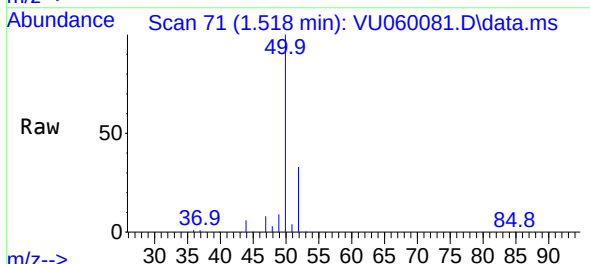
Instrument :
MSVOA_U
ClientSampleId :

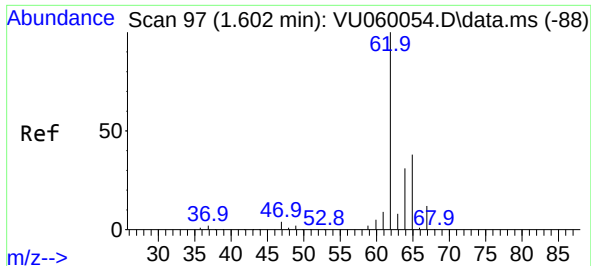
Tgt Ion: 85 Resp: 43266
Ion Ratio Lower Upper
85 100
87 32.9 26.1 39.1



#3
Chloromethane
Concen: 4.511 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

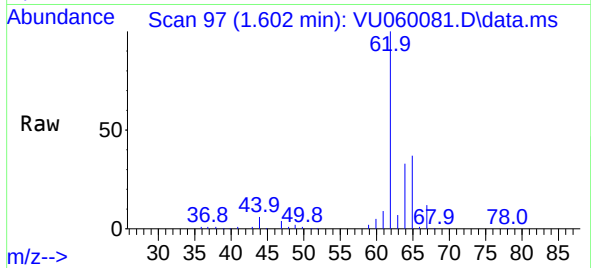
Tgt Ion: 50 Resp: 53901
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.4



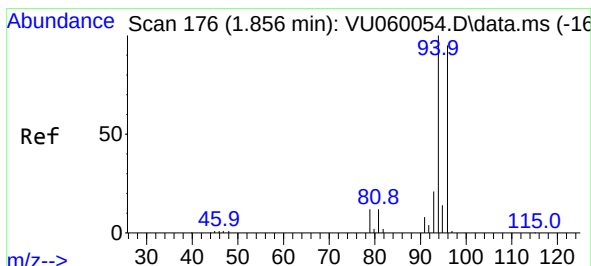
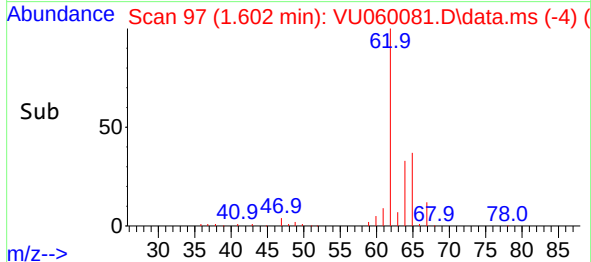
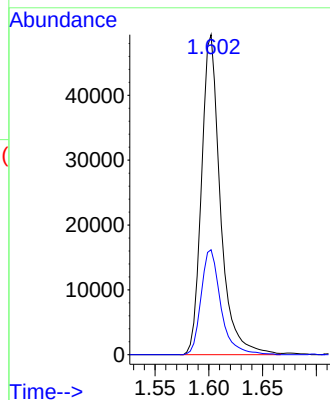


#5
Vinyl chloride
Concen: 4.509 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Instrument :
MSVOA_U
ClientSampleId :

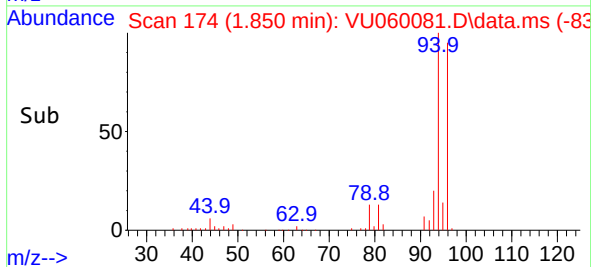
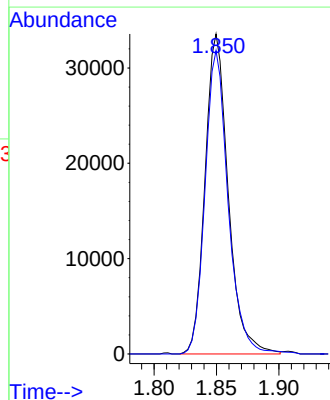
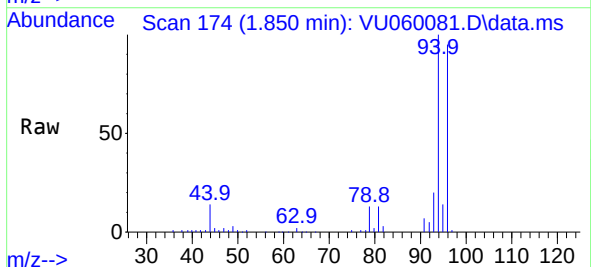


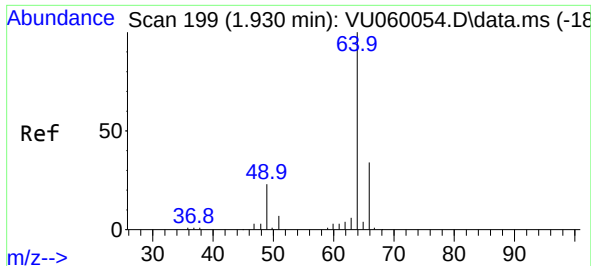
Tgt Ion: 62 Resp: 60406
Ion Ratio Lower Upper
62 100
64 32.8 22.8 42.4



#6
Bromomethane
Concen: 4.987 ug/L
RT: 1.850 min Scan# 174
Delta R.T. -0.006 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion: 94 Resp: 43491
Ion Ratio Lower Upper
94 100
96 94.8 66.6 123.6

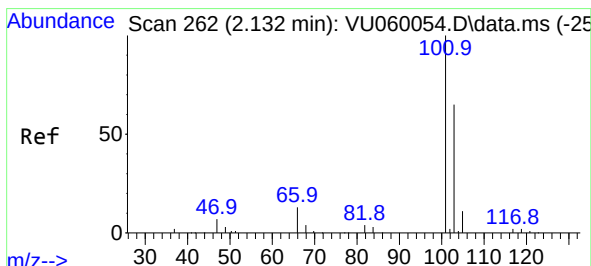
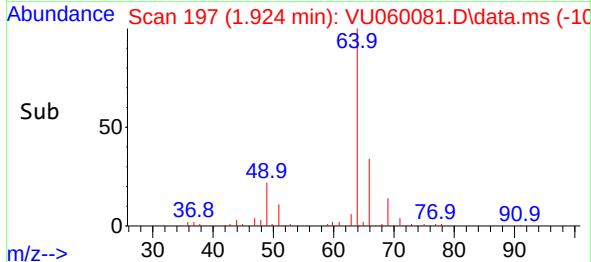
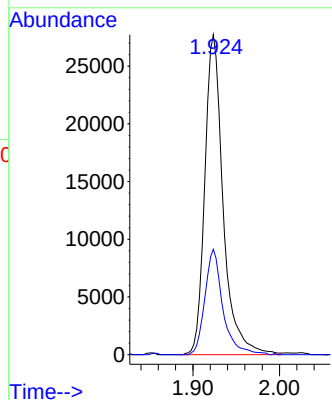
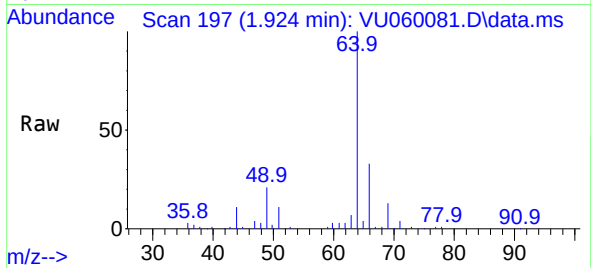




#8
Chloroethane
Concen: 4.672 ug/L
RT: 1.924 min Scan# 19
Delta R.T. -0.006 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

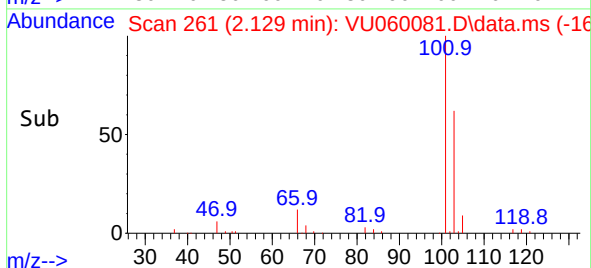
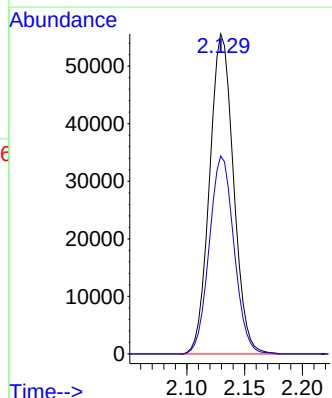
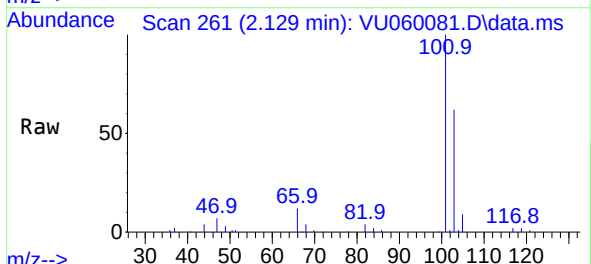
Instrument :
MSVOA_U
ClientSampleId :

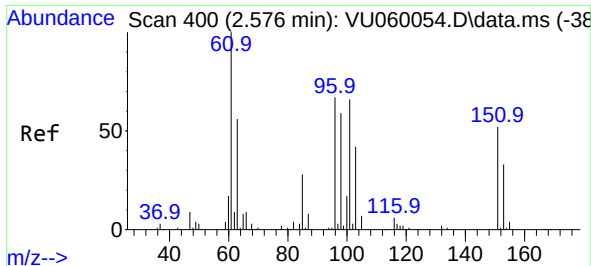
Tgt Ion: 64 Resp: 40880
Ion Ratio Lower Upper
64 100
66 33.0 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.743 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion:101 Resp: 80126
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

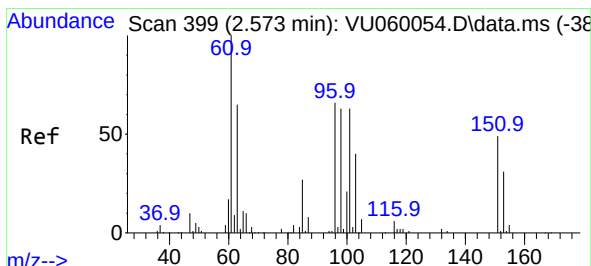
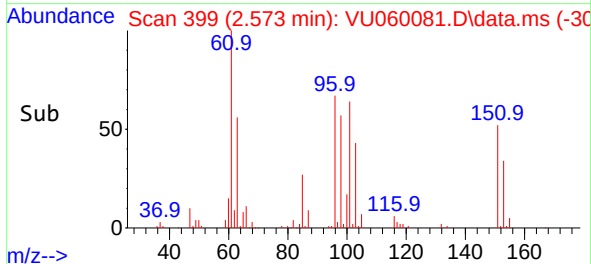
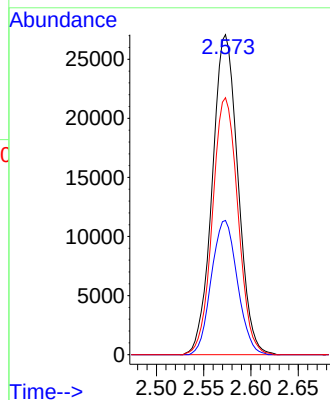
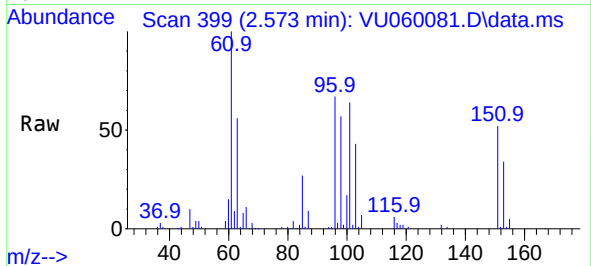




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.653 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

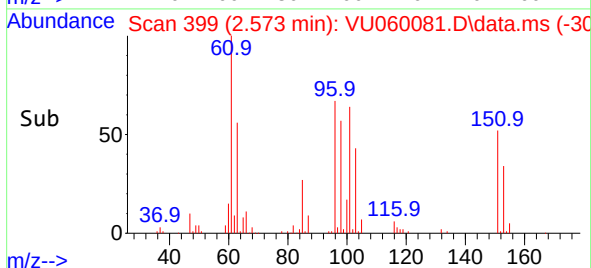
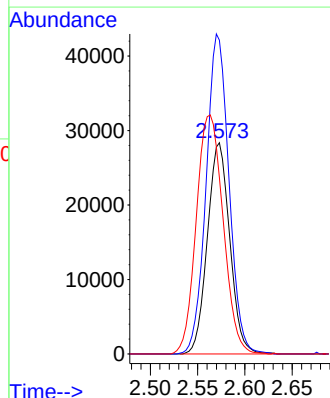
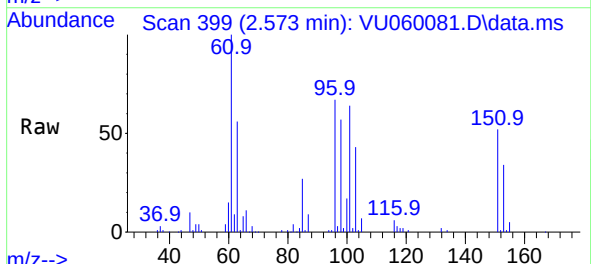
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ClientSampleId :

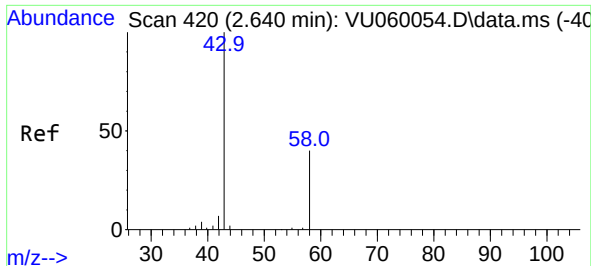
Tgt Ion:101 Resp: 51293
Ion Ratio Lower Upper
101 100
85 42.4 33.2 49.8
151 79.4 61.8 92.8



#12
1,1-Dichloroethene
Concen: 4.673 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion: 96 Resp: 46671
Ion Ratio Lower Upper
96 100
61 148.5 107.0 198.6
63 83.4 76.4 142.0





#13

Acetone

Concen: 48.266 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU060081.D

Acq: 22 Jul 2024 09:44

Instrument :

MSVOA_U

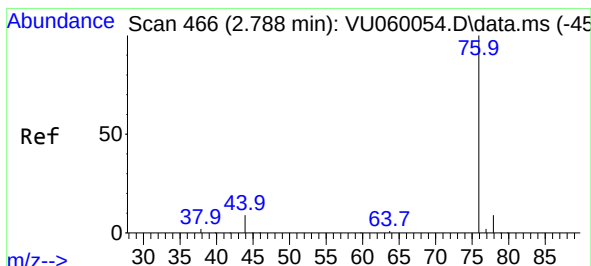
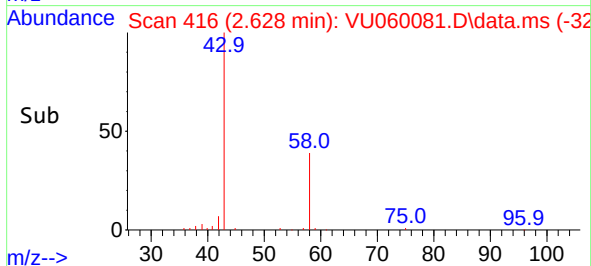
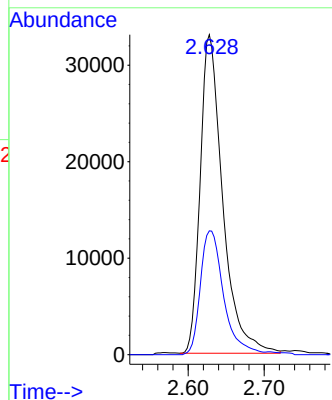
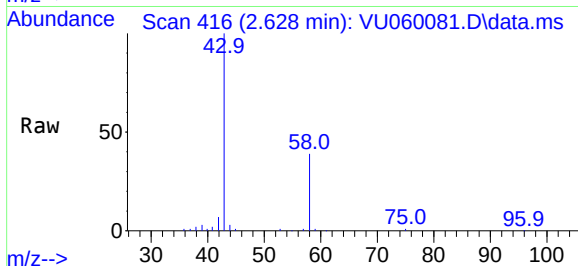
ClientSampleId :

Tgt Ion: 43 Resp: 67949

Ion Ratio Lower Upper

43 100

58 40.2 0.0 82.2



#14

Carbon disulfide

Concen: 4.459 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU060081.D

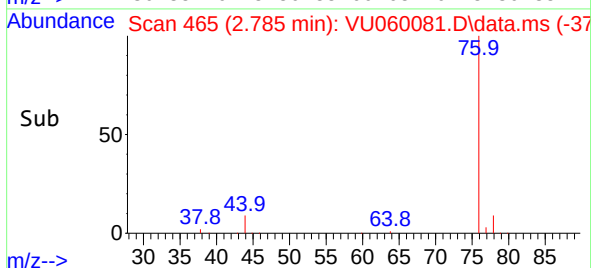
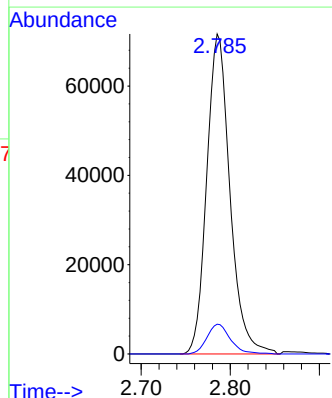
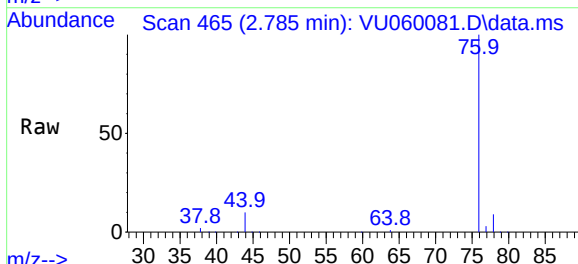
Acq: 22 Jul 2024 09:44

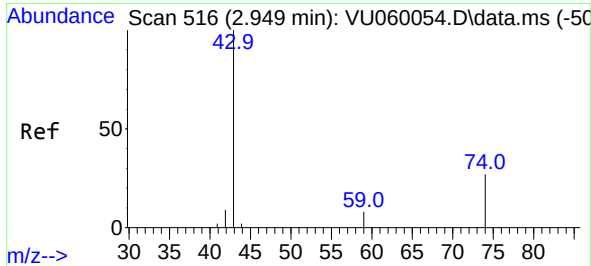
Tgt Ion: 76 Resp: 129651

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

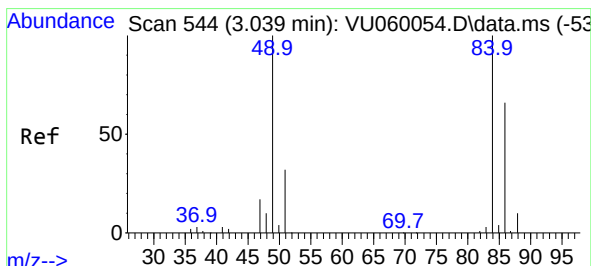
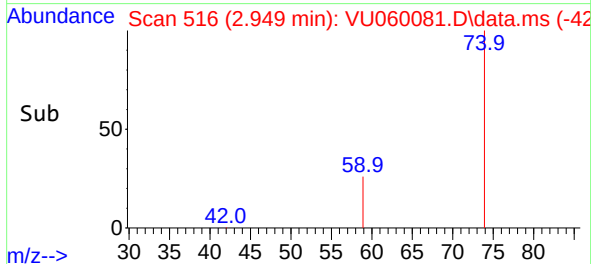
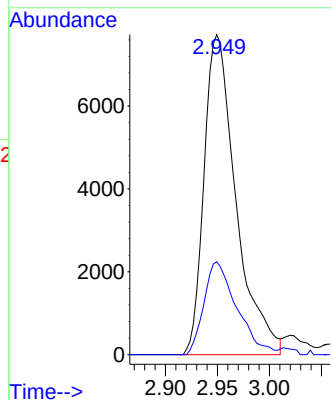
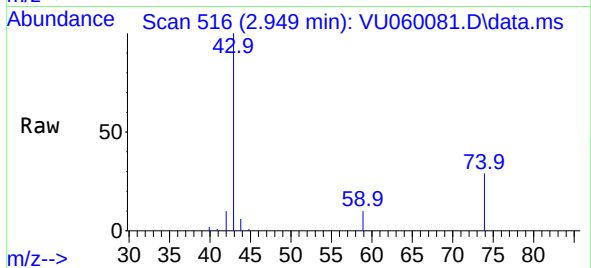




#15
Methyl Acetate
Concen: 4.770 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

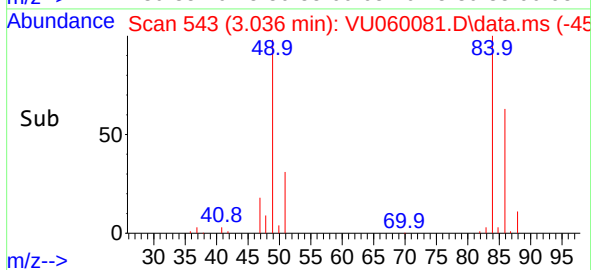
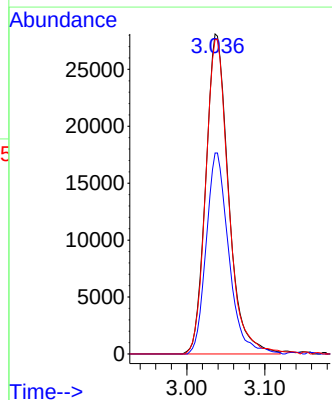
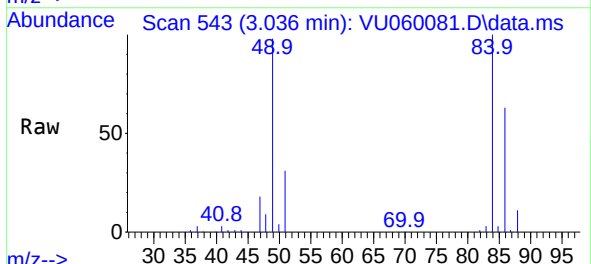
Instrument :
MSVOA_U
ClientSampleId :

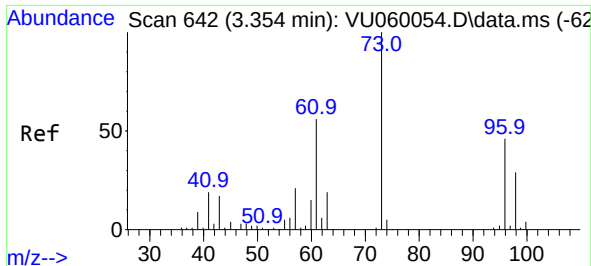
Tgt Ion: 43 Resp: 16515
Ion Ratio Lower Upper
43 100
74 29.9 23.5 35.3



#16
Methylene chloride
Concen: 4.670 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion: 84 Resp: 57179
Ion Ratio Lower Upper
84 100
86 62.8 44.4 82.5
49 98.3 72.0 133.6

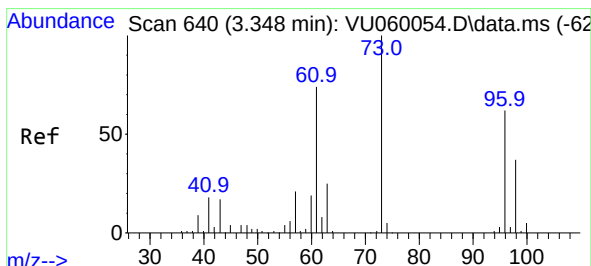
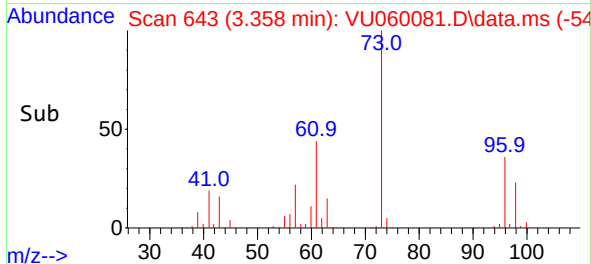
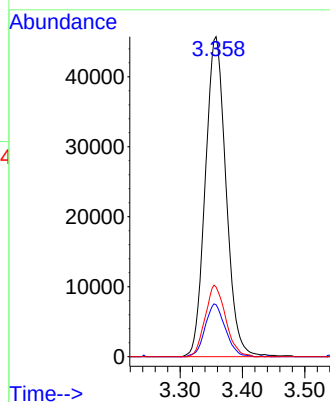
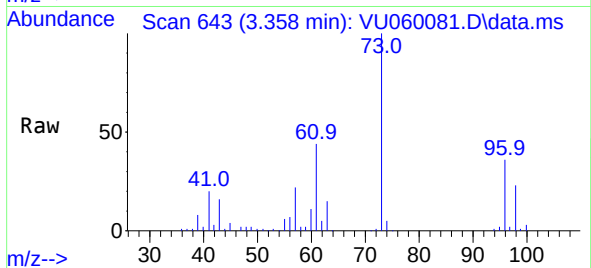




#17
Methyl tert-butyl Ether
Concen: 4.629 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

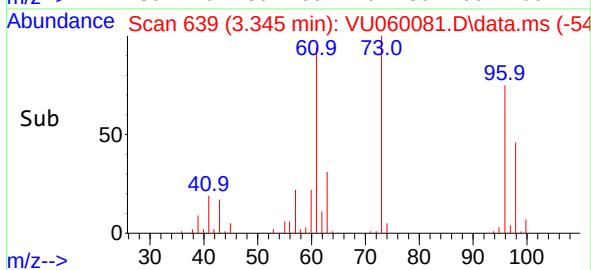
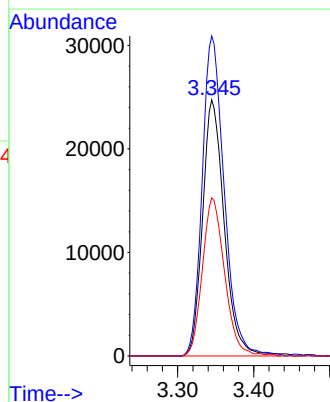
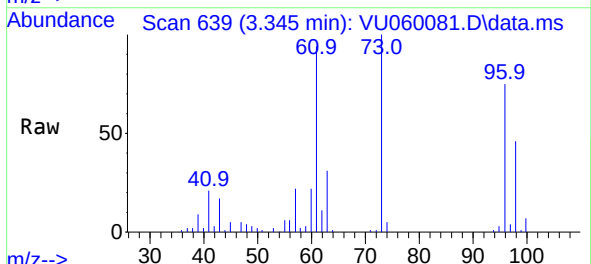
Instrument :
MSVOA_U
ClientSampleId :

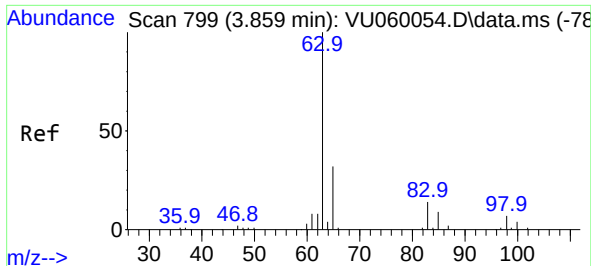
Tgt Ion: 73 Resp: 105410
Ion Ratio Lower Upper
73 100
43 16.1 13.1 19.7
57 22.2 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.716 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

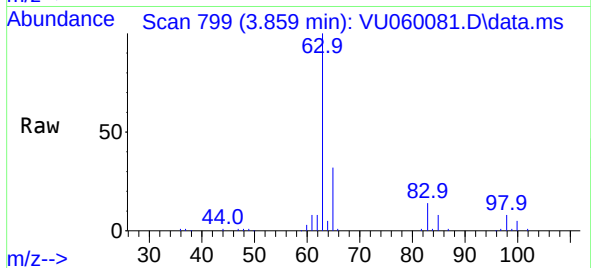
Tgt Ion: 96 Resp: 48987
Ion Ratio Lower Upper
96 100
61 124.9 91.6 170.0
98 61.7 47.7 88.5



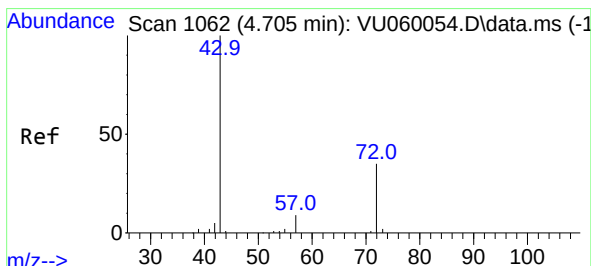
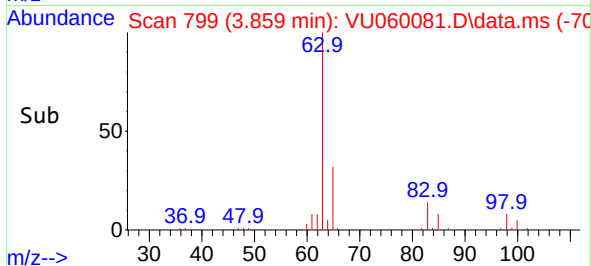
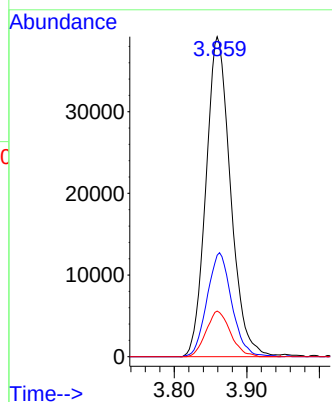


#19
1,1-Dichloroethane
Concen: 4.683 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Instrument :
MSVOA_U
ClientSampleId :

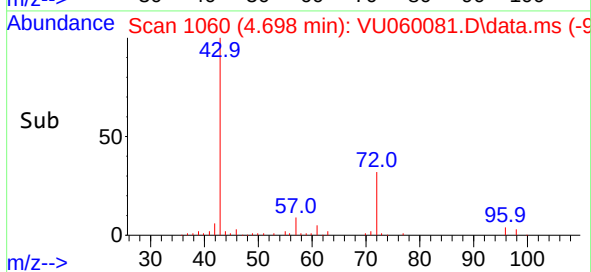
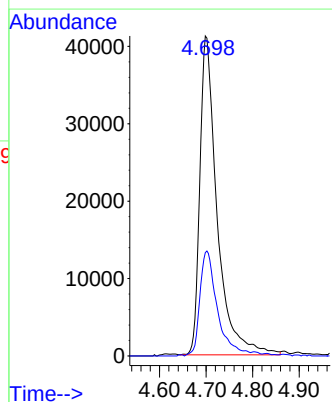
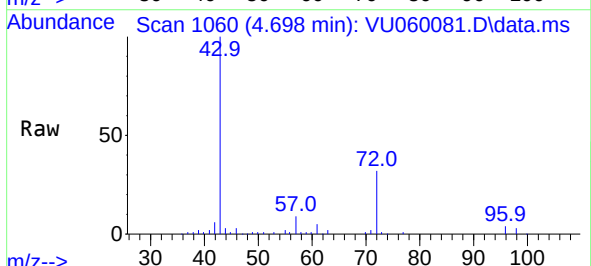


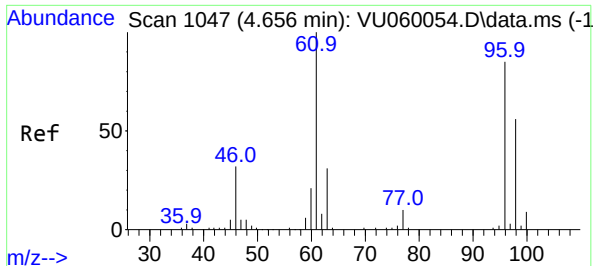
Tgt Ion: 63 Resp: 92376
Ion Ratio Lower Upper
63 100
65 32.6 22.0 40.8
83 14.3 9.7 17.9



#21
2-Butanone
Concen: 47.629 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion: 43 Resp: 106145
Ion Ratio Lower Upper
43 100
72 33.2 16.3 48.9



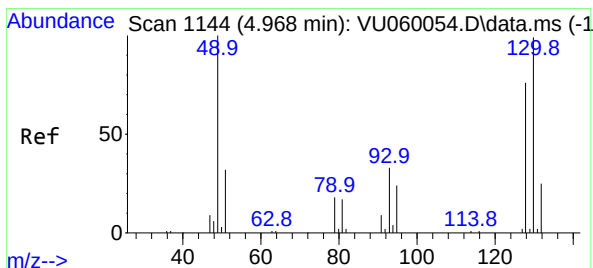
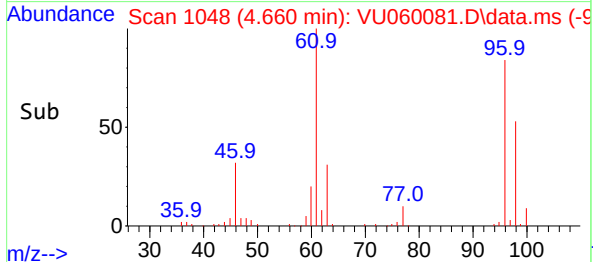
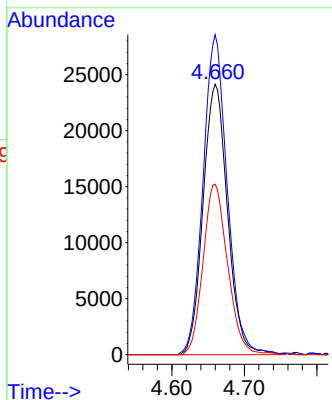
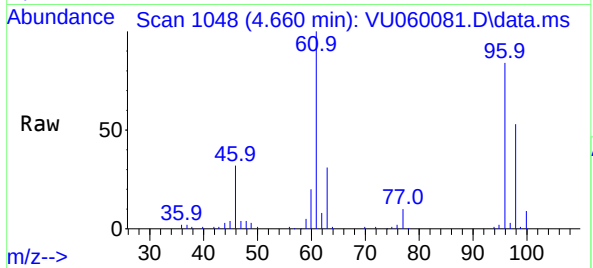


#22
 cis-1,2-Dichloroethene
 Concen: 4.876 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU060081.D
 Acq: 22 Jul 2024 09:44

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 56733

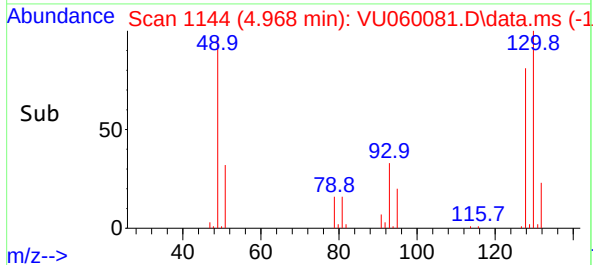
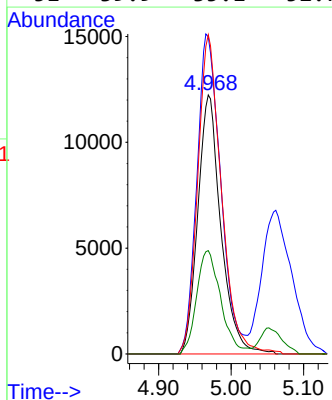
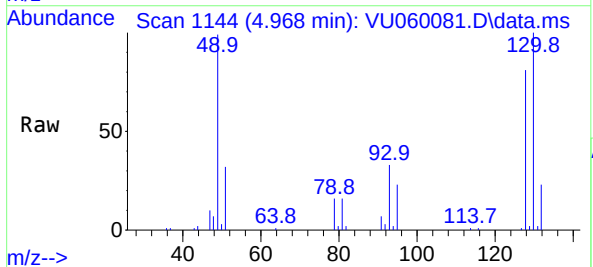
Ion	Ratio	Lower	Upper
96	100		
61	118.4	80.2	148.9
98	63.1	44.7	83.1

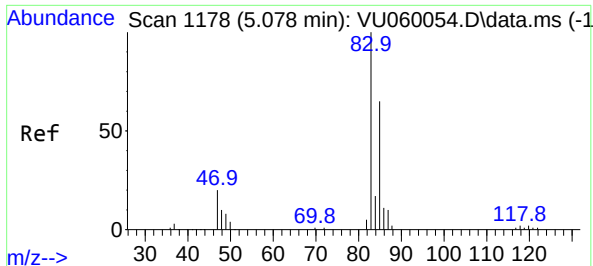


#23
 Bromochloromethane
 Concen: 4.782 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU060081.D
 Acq: 22 Jul 2024 09:44

Tgt Ion: 128 Resp: 27040

Ion	Ratio	Lower	Upper
128	100		
49	122.3	92.3	171.3
130	123.2	87.1	161.7
51	39.9	35.1	52.7





#25

Chloroform

Concen: 4.496 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060081.D

Acq: 22 Jul 2024 09:44

Instrument :

MSVOA_U

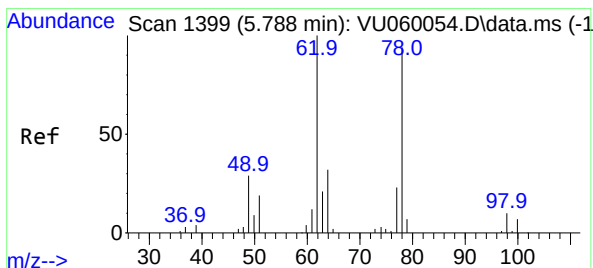
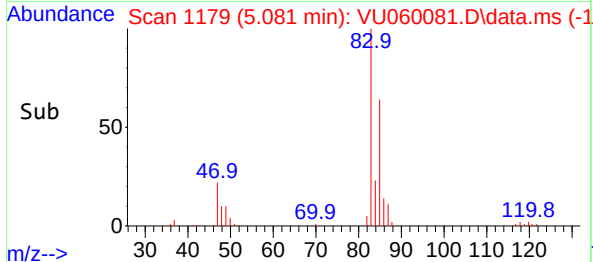
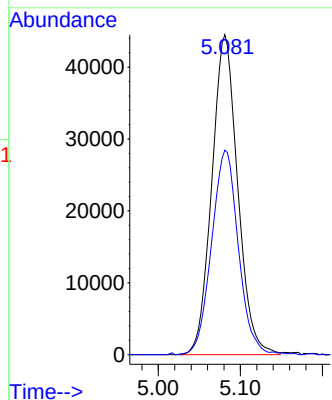
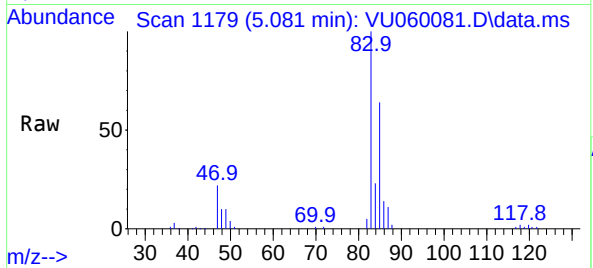
ClientSampleId :

Tgt Ion: 83 Resp: 97523

Ion Ratio Lower Upper

83 100

85 63.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.515 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU060081.D

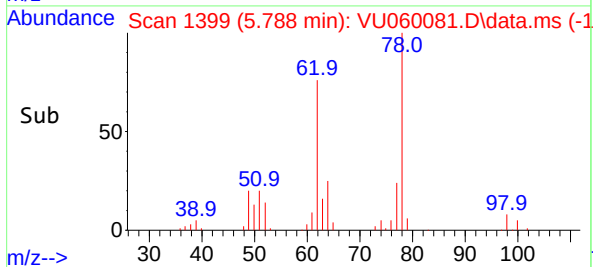
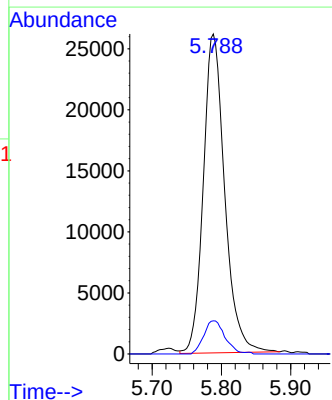
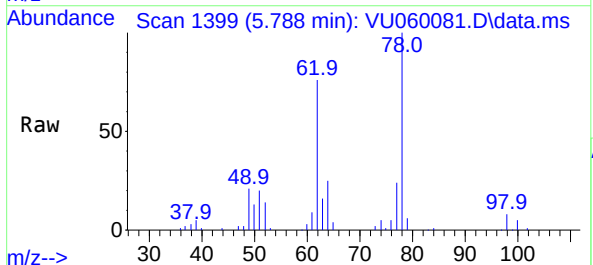
Acq: 22 Jul 2024 09:44

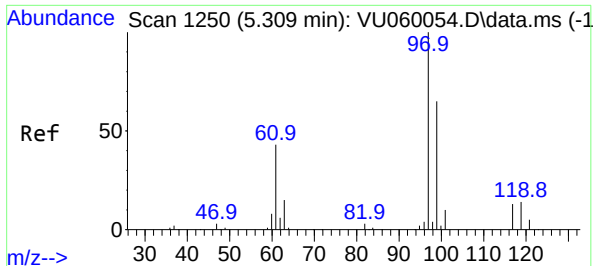
Tgt Ion: 62 Resp: 55980

Ion Ratio Lower Upper

62 100

98 10.4 7.9 11.9

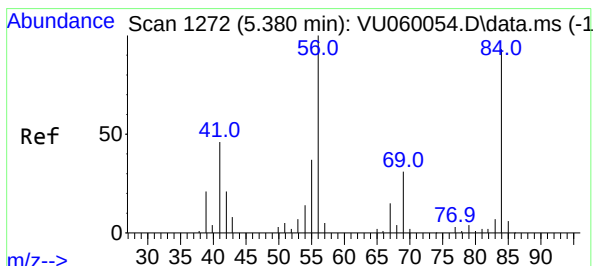
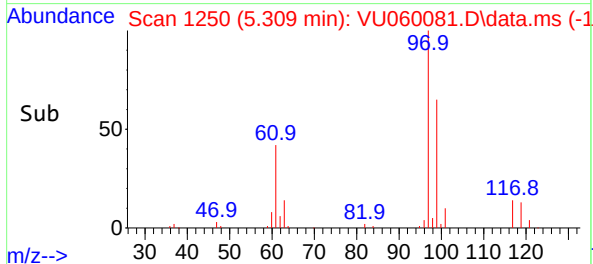
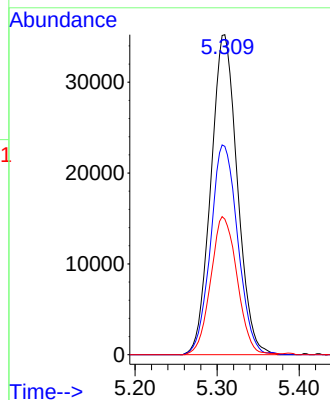
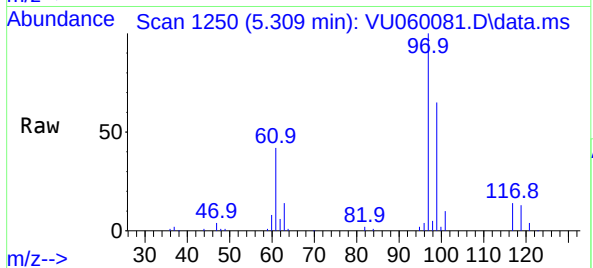




#29
1,1,1-Trichloroethane
Concen: 4.830 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

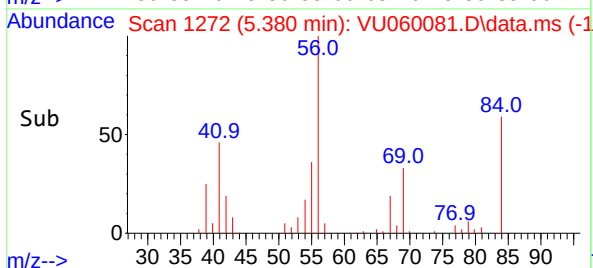
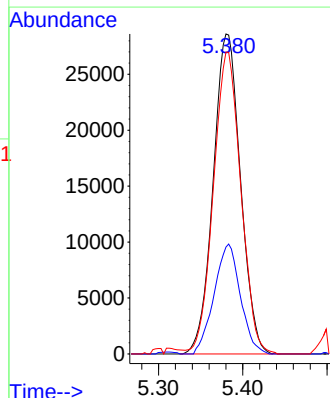
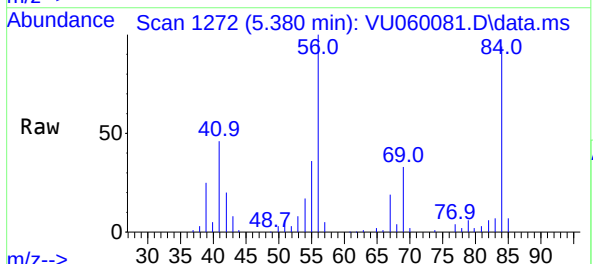
Instrument :
MSVOA_U
ClientSampleId :

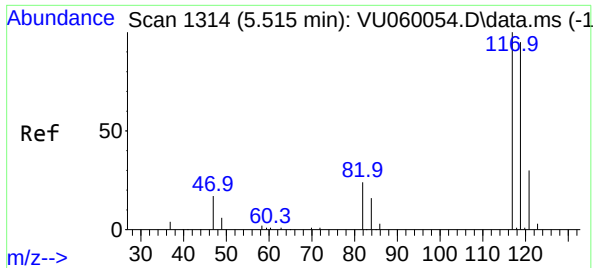
Tgt Ion: 97	Resp: 79042
Ion Ratio	Lower Upper
97 100	
99 67.3	51.0 76.4
61 43.1	34.1 51.1



#30
Cyclohexane
Concen: 4.964 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion: 56	Resp: 64253
Ion Ratio	Lower Upper
56 100	
69 33.0	26.6 39.8
84 94.8	77.2 115.8

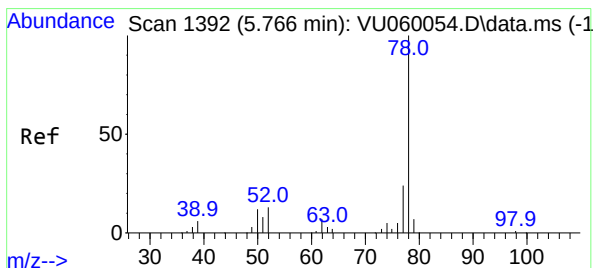
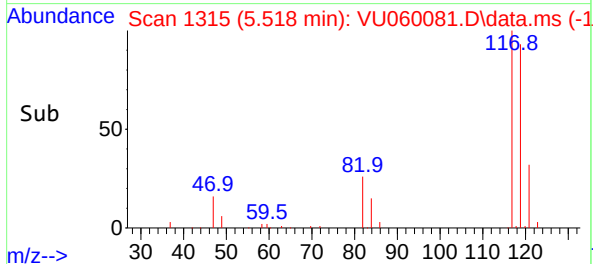
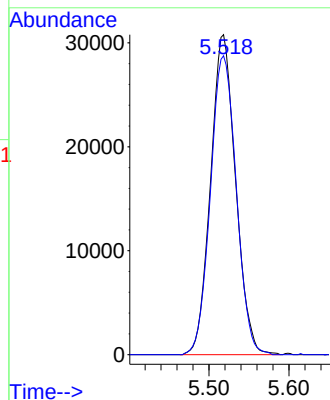
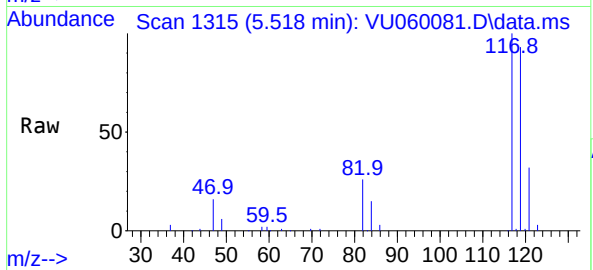




#31
Carbon tetrachloride
Concen: 4.739 ug/L
RT: 5.518 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

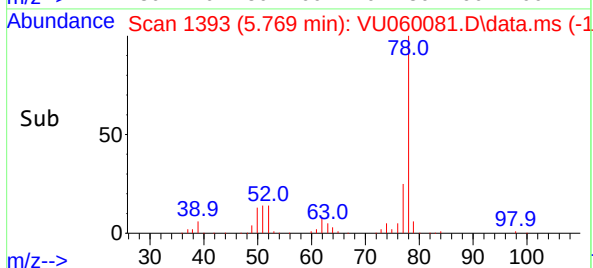
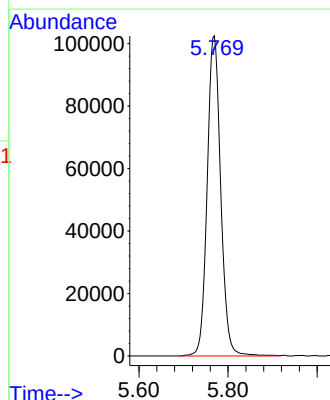
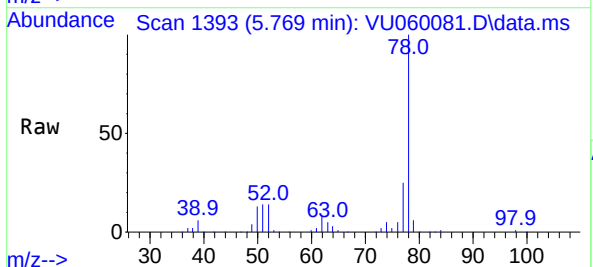
Instrument :
MSVOA_U
ClientSampleId :

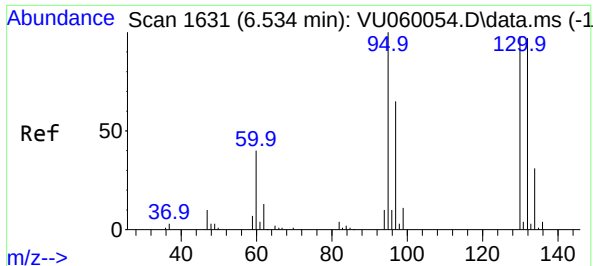
Tgt Ion:117 Resp: 66912
Ion Ratio Lower Upper
117 100
119 96.3 75.6 113.4



#33
Benzene
Concen: 4.973 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion: 78 Resp: 215237

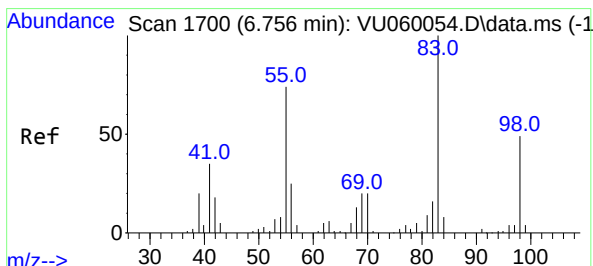
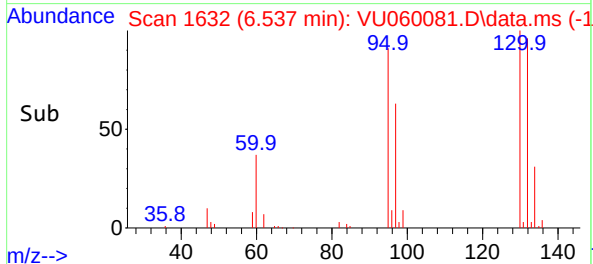
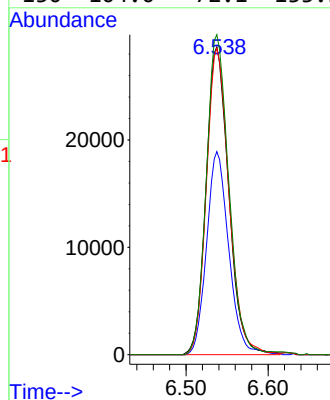
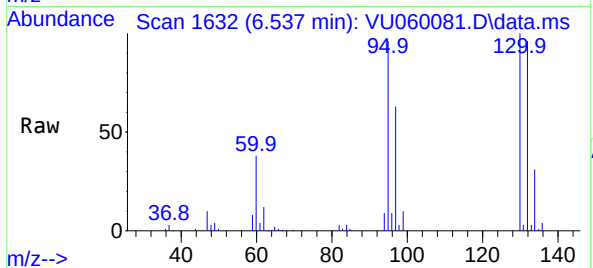




#34
Trichloroethene
Concen: 4.783 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

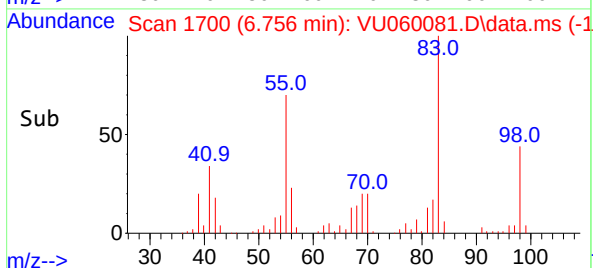
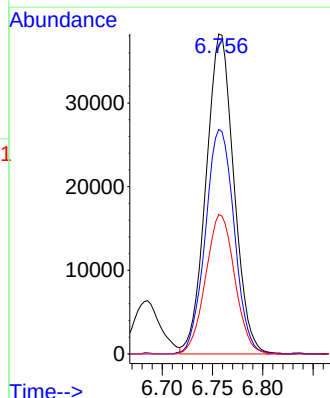
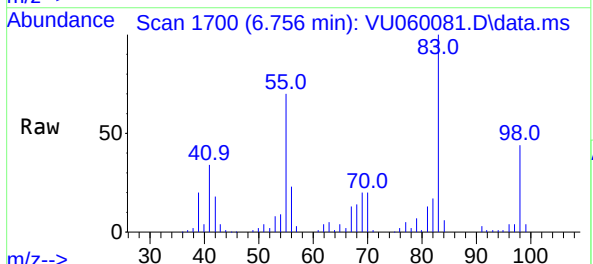
Instrument :
MSVOA_U
ClientSampleId :

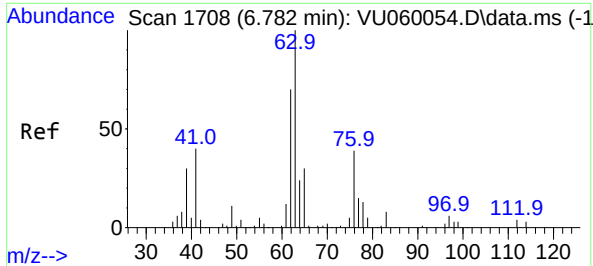
Tgt Ion: 95 Resp: 54912
Ion Ratio Lower Upper
95 100
97 66.0 45.9 85.3
132 99.6 71.4 132.6
130 104.0 72.1 133.9



#35
Methylcyclohexane
Concen: 4.900 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion: 83 Resp: 73732
Ion Ratio Lower Upper
83 100
55 72.7 56.7 85.1
98 45.6 36.6 55.0

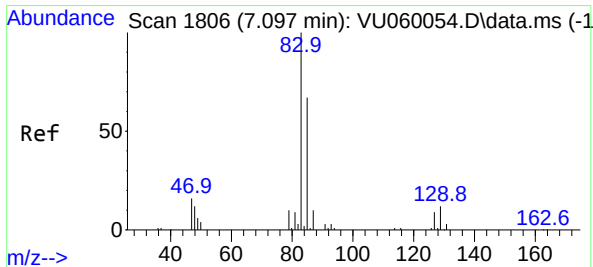
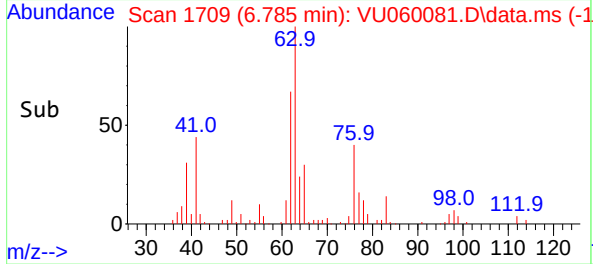
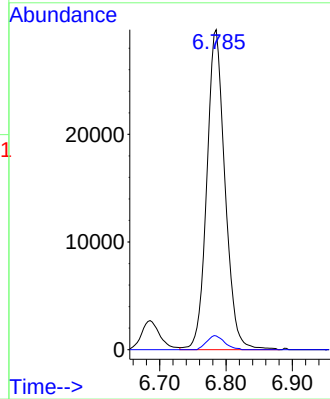
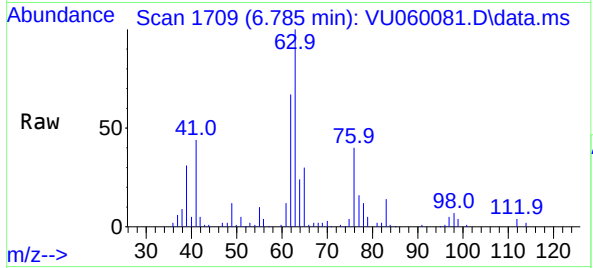




#37
1,2-Dichloropropane
Concen: 4.840 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

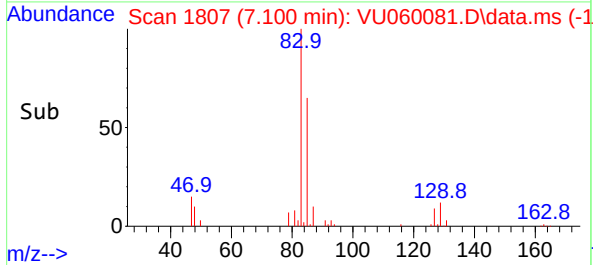
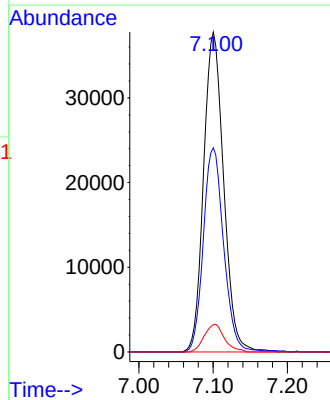
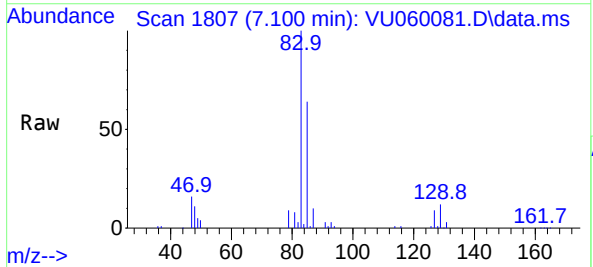
Instrument :
MSVOA_U
ClientSampleId :

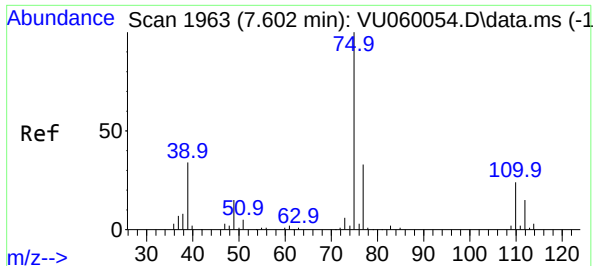
Tgt Ion: 63 Resp: 56591
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9



#38
Bromodichloromethane
Concen: 4.833 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion: 83 Resp: 70804
Ion Ratio Lower Upper
83 100
85 63.8 43.5 80.7
127 8.5 7.1 10.7

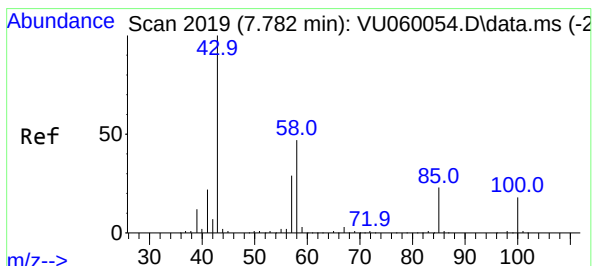
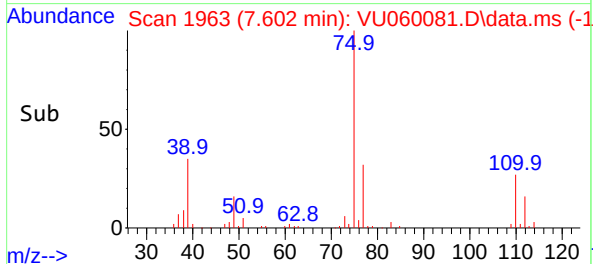
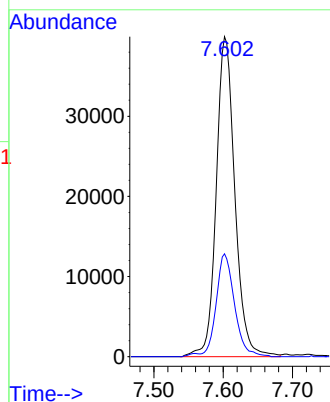
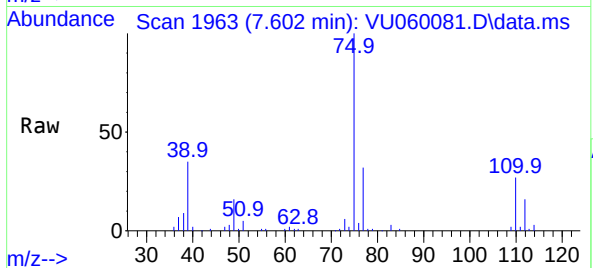




#39
cis-1,3-Dichloropropene
Concen: 4.888 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

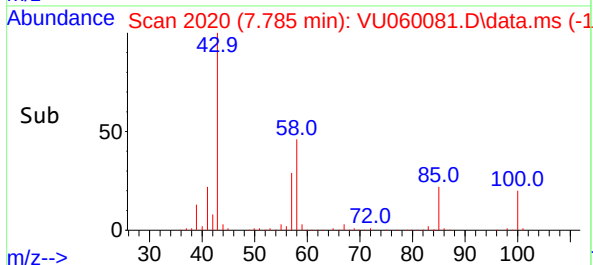
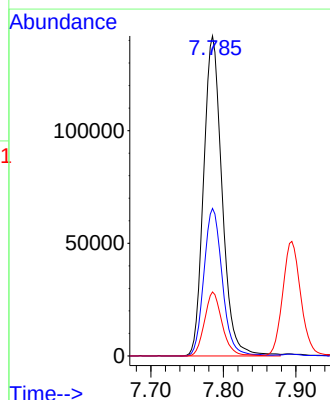
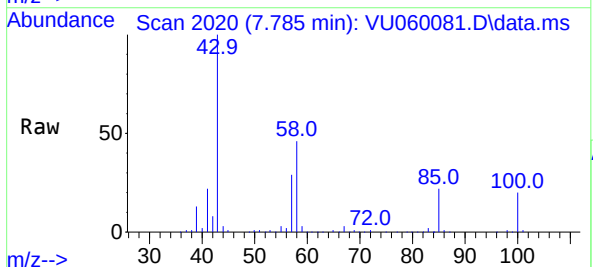
Instrument :
MSVOA_U
ClientSampleId :

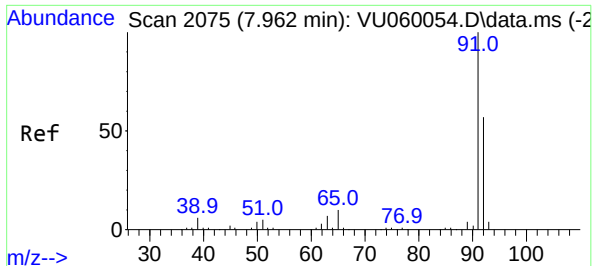
Tgt Ion: 75 Resp: 74688
Ion Ratio Lower Upper
75 100
77 32.2 23.2 43.2



#40
4-Methyl-2-pentanone
Concen: 48.550 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion: 43 Resp: 251212
Ion Ratio Lower Upper
43 100
58 46.0 36.0 54.0
100 19.1 14.9 22.3

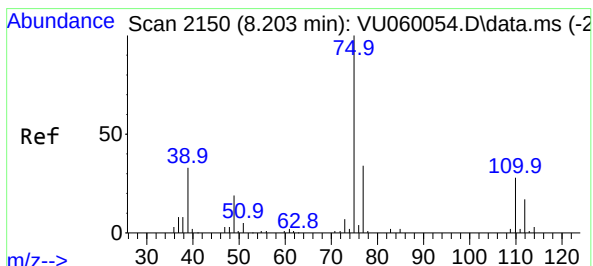
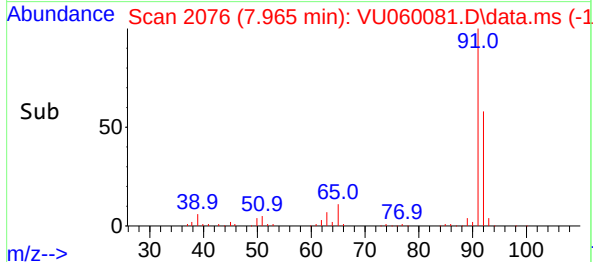
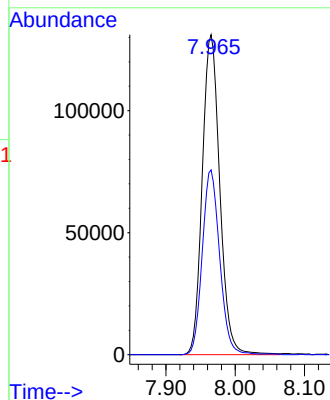
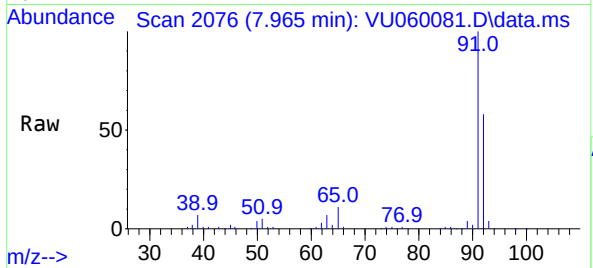




#42
Toluene
Concen: 5.000 ug/L
RT: 7.965 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

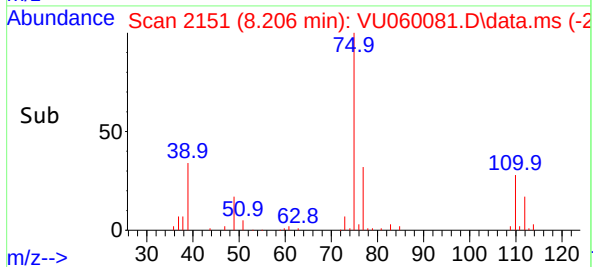
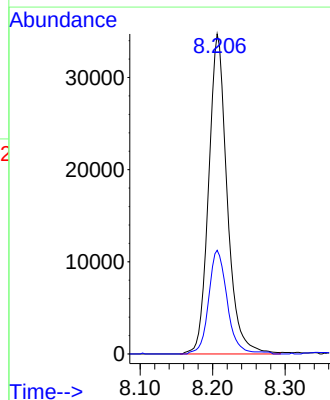
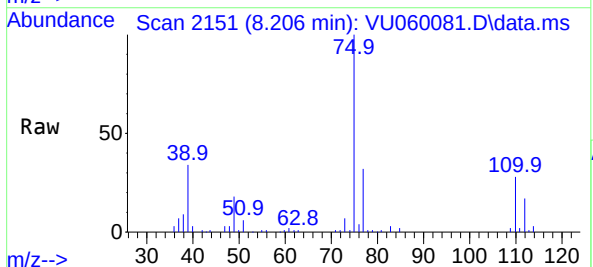
Instrument :
MSVOA_U
ClientSampleId :

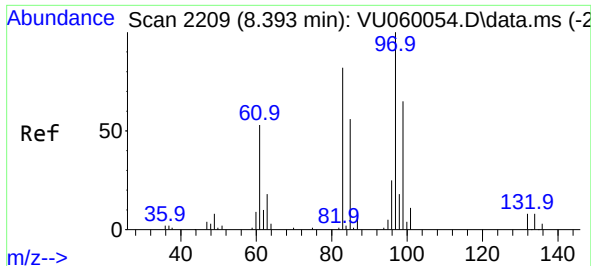
Tgt Ion: 91 Resp: 230321
Ion Ratio Lower Upper
91 100
92 57.7 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 4.826 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion: 75 Resp: 61606
Ion Ratio Lower Upper
75 100
77 32.4 22.6 42.0



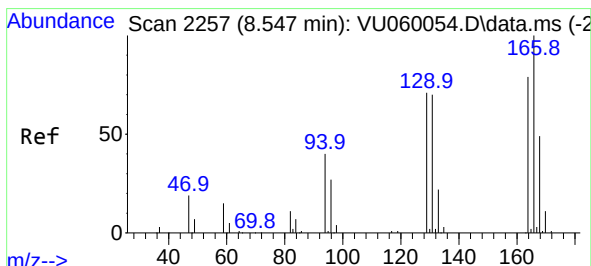
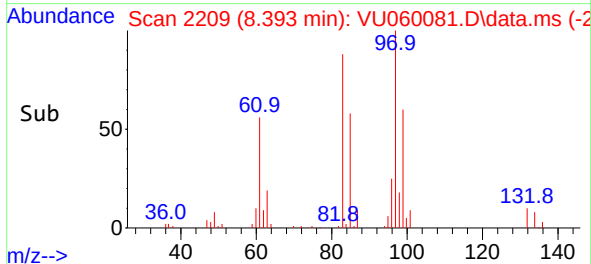
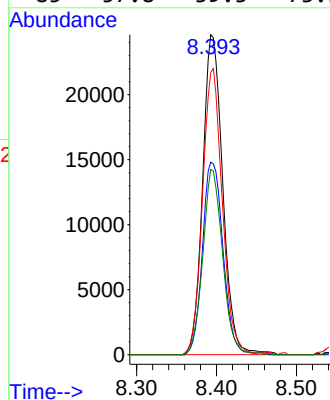
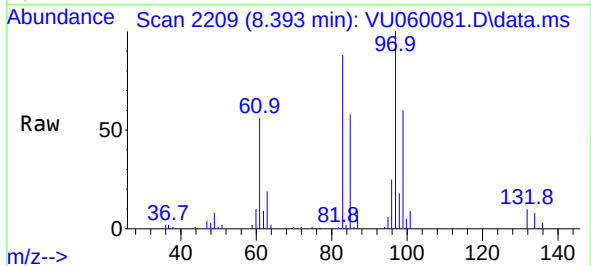


#45
1,1,2-Trichloroethane
Concen: 4.818 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 43050

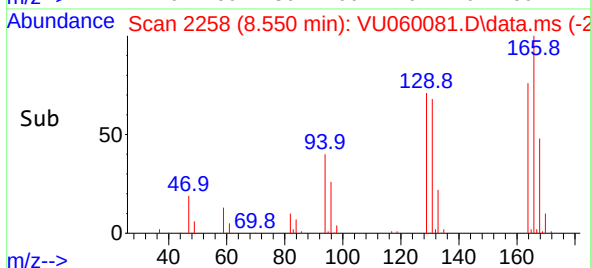
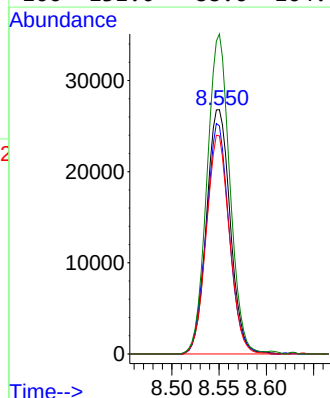
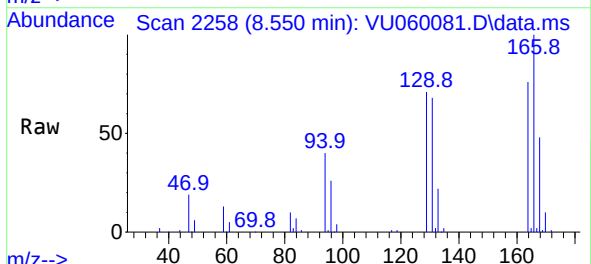
Ion	Ratio	Lower	Upper
97	100		
99	60.1	43.8	81.4
83	88.2	62.1	115.3
85	57.8	39.3	73.1

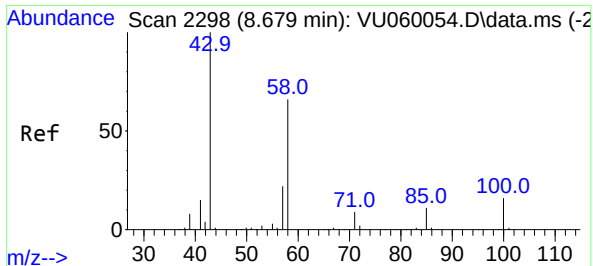


#47
Tetrachloroethene
Concen: 4.912 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion: 164 Resp: 46619

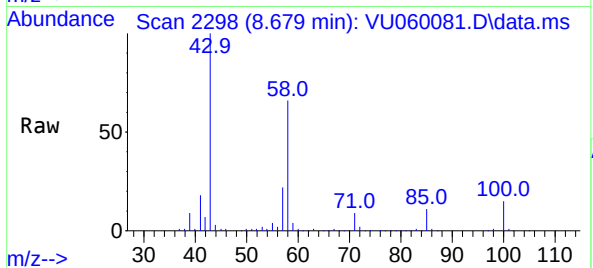
Ion	Ratio	Lower	Upper
164	100		
129	93.4	64.6	120.0
131	89.3	61.2	113.8
166	131.0	88.6	164.6



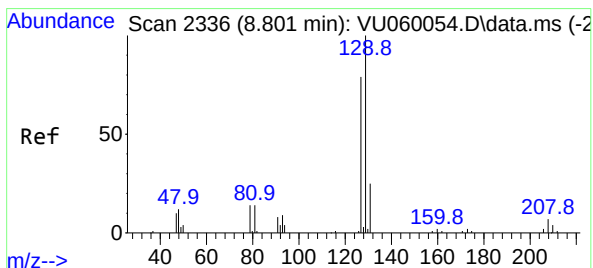
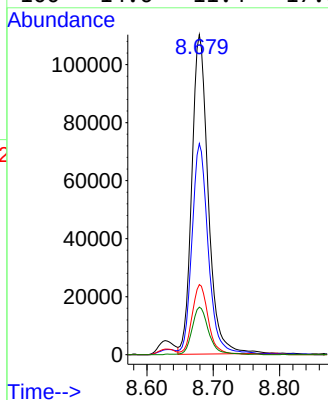
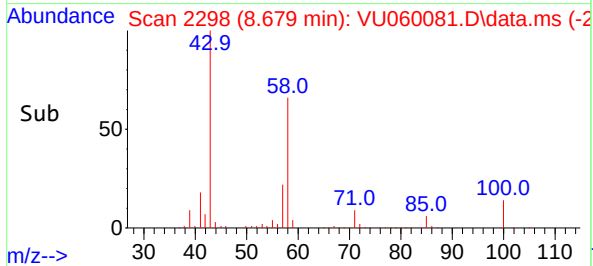


#48
2-Hexanone
Concen: 49.939 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Instrument :
MSVOA_U
ClientSampleId :

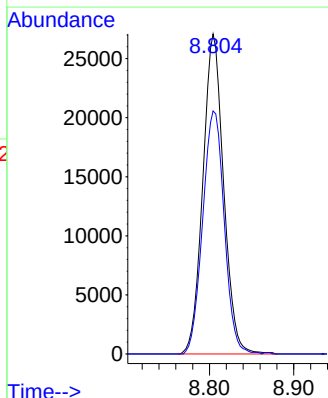
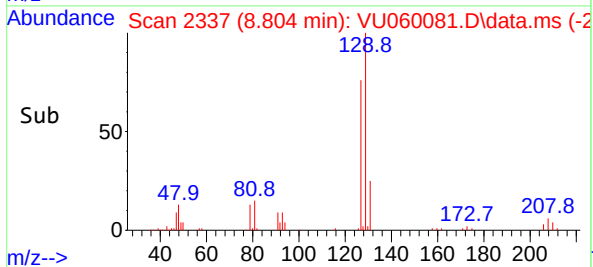
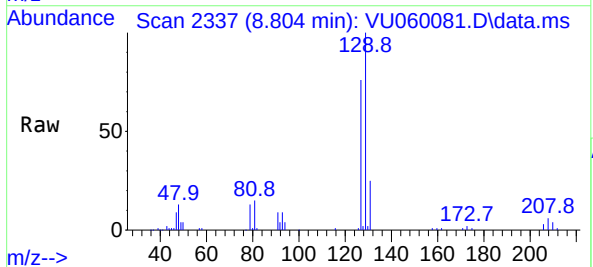


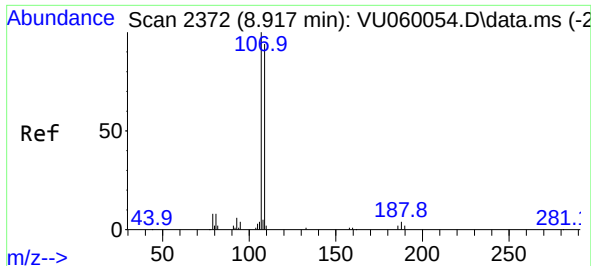
Tgt Ion: 43 Resp: 189199
Ion Ratio Lower Upper
43 100
58 65.2 52.6 78.8
57 21.4 17.8 26.8
100 14.6 11.4 17.0



#49
Dibromochloromethane
Concen: 4.701 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion:129 Resp: 46469
Ion Ratio Lower Upper
129 100
127 75.9 54.6 101.4

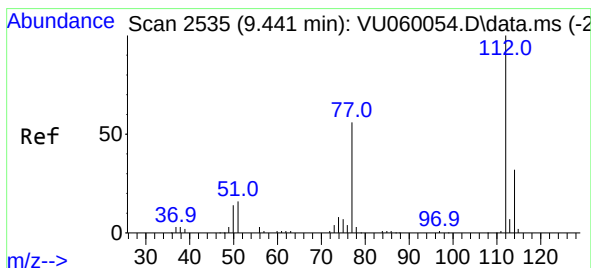
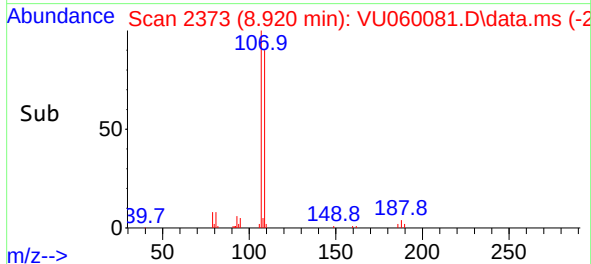
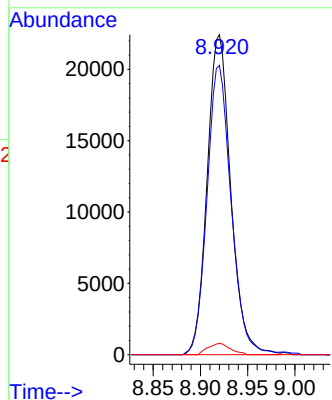
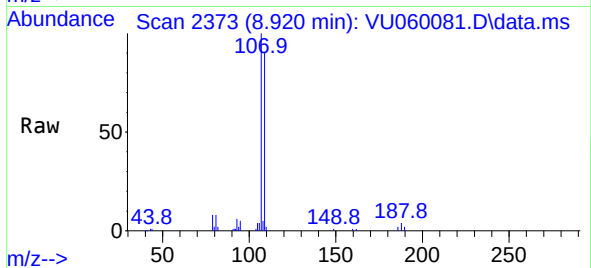




#50
1,2-Dibromoethane
Concen: 4.820 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

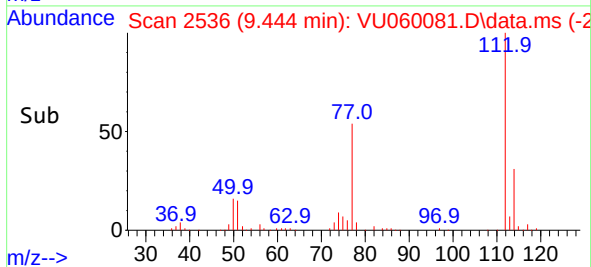
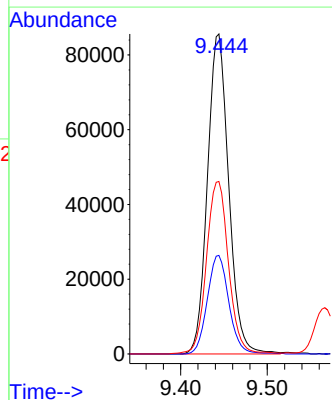
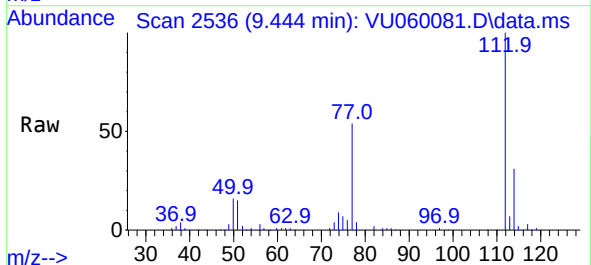
Instrument :
MSVOA_U
ClientSampleId :

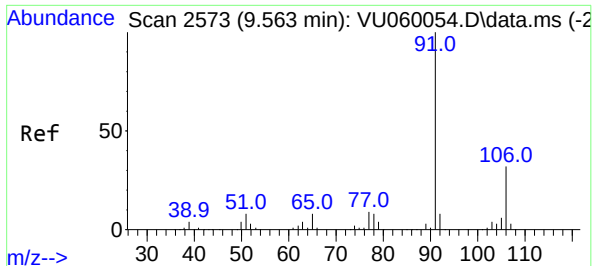
Tgt Ion:107 Resp: 38938
Ion Ratio Lower Upper
107 100
109 90.4 64.0 118.8
188 3.6 3.0 4.6



#51
Chlorobenzene
Concen: 4.850 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion:112 Resp: 145942
Ion Ratio Lower Upper
112 100
114 30.8 22.1 41.1
77 53.9 44.7 67.1





#52

Ethylbenzene

Concen: 4.960 ug/L

RT: 9.566 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060081.D

Acq: 22 Jul 2024 09:44

Instrument :

MSVOA_U

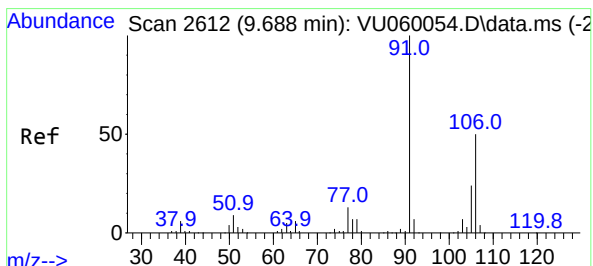
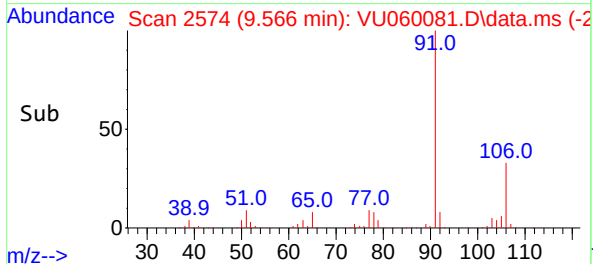
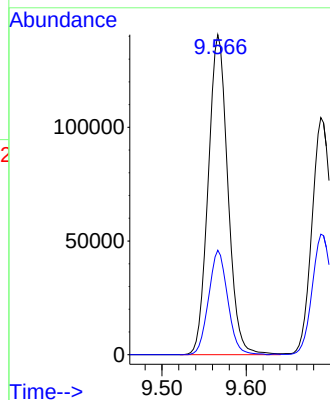
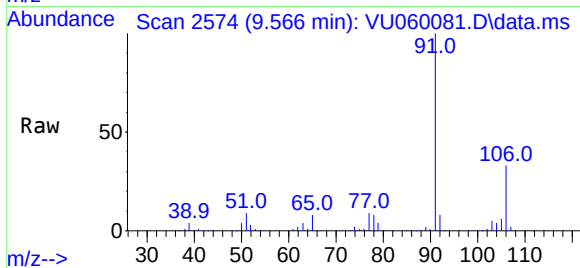
ClientSampleId :

Tgt Ion: 91 Resp: 227827

Ion Ratio Lower Upper

91 100

106 32.6 21.9 40.7



#53

m,p-Xylene

Concen: 4.976 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU060081.D

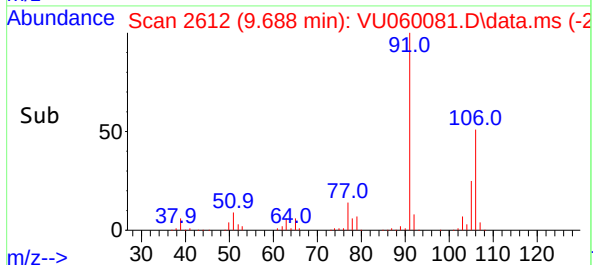
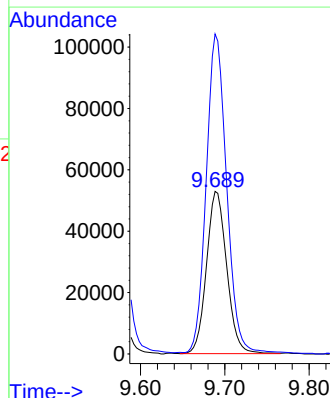
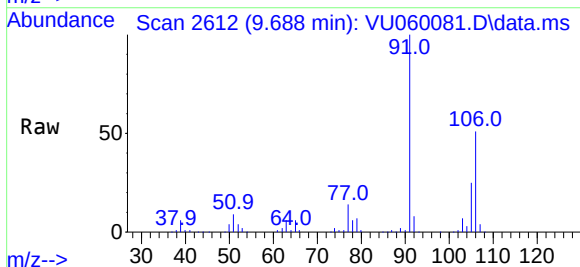
Acq: 22 Jul 2024 09:44

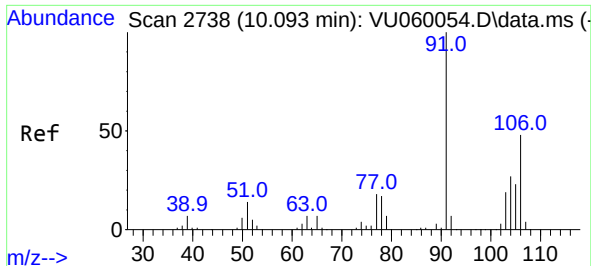
Tgt Ion:106 Resp: 88299

Ion Ratio Lower Upper

106 100

91 196.9 141.3 262.5

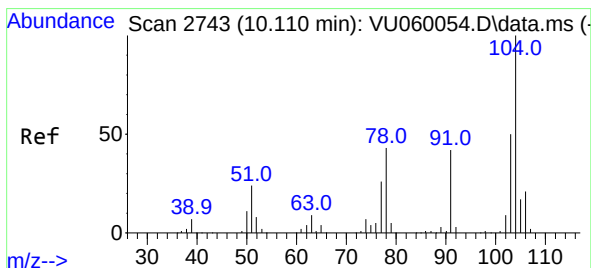
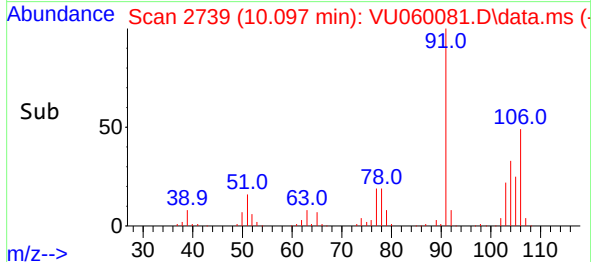
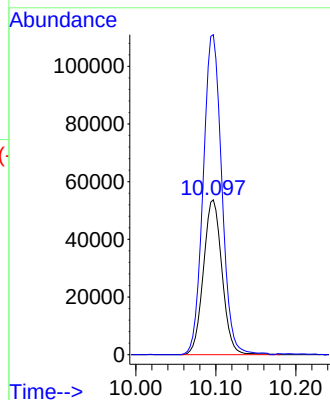
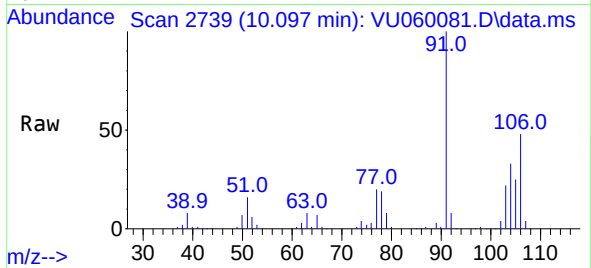




#54
o-Xylene
Concen: 5.129 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

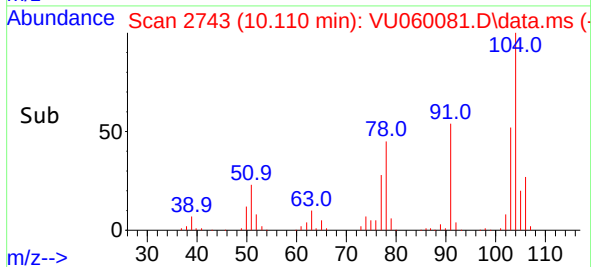
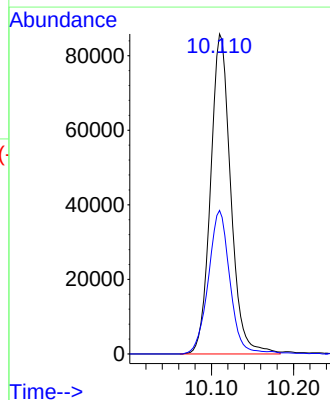
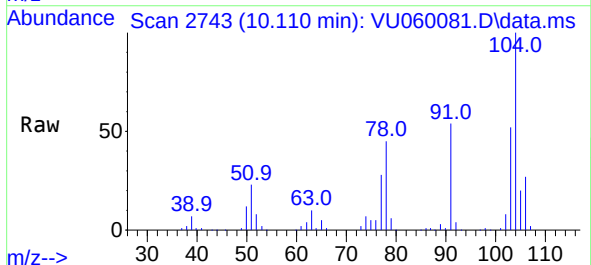
Instrument :
MSVOA_U
ClientSampleId :

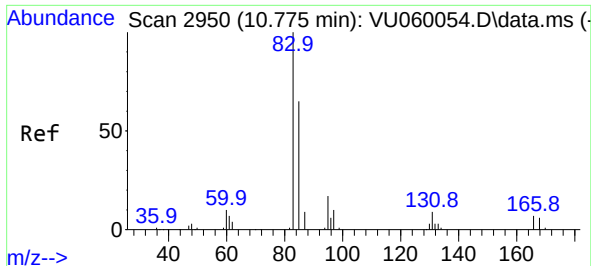
Tgt Ion:106 Resp: 87041
Ion Ratio Lower Upper
106 100
91 206.5 143.6 266.6



#55
Styrene
Concen: 5.078 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

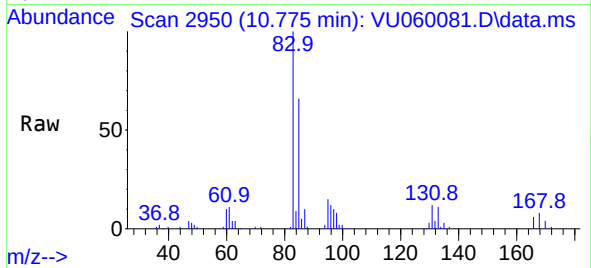
Tgt Ion:104 Resp: 146681
Ion Ratio Lower Upper
104 100
78 44.9 31.4 58.4



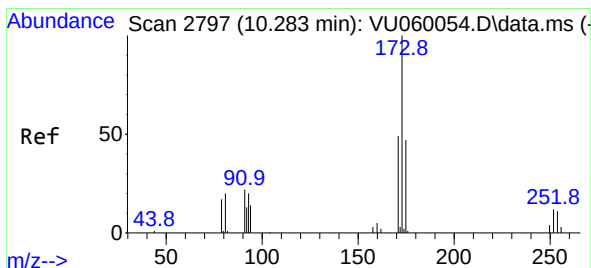
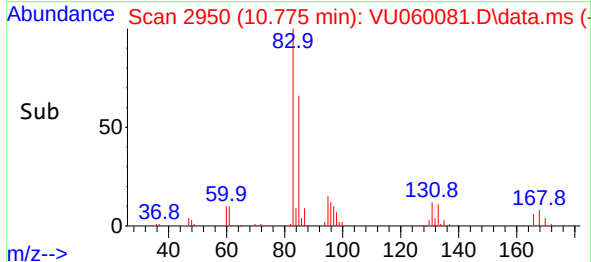
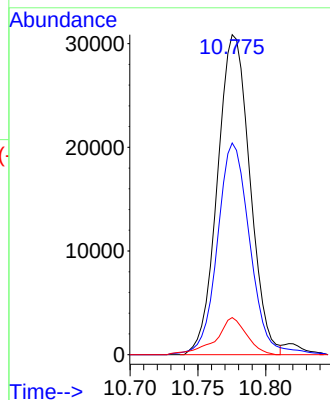


#57
1,1,2,2-Tetrachloroethane
Concen: 4.699 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Instrument :
MSVOA_U
ClientSampleId :

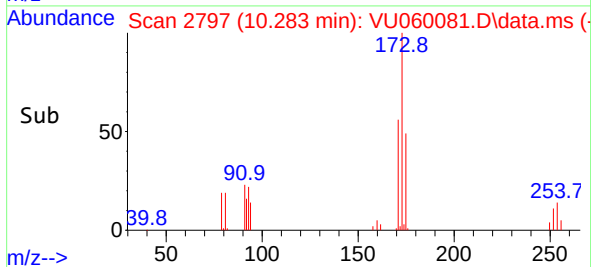
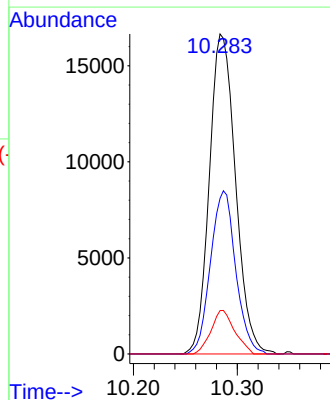
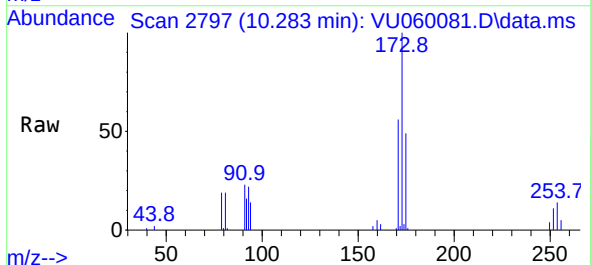


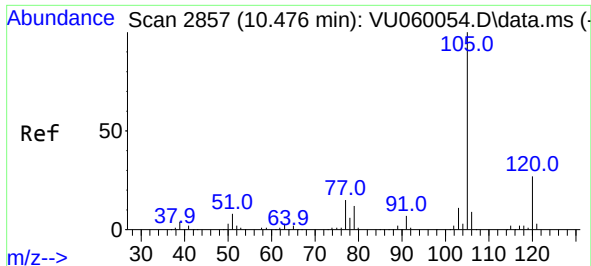
Tgt Ion: 83 Resp: 51363
Ion Ratio Lower Upper
83 100
85 66.1 46.8 87.0
131 11.6 7.8 11.6



#59
Bromoform
Concen: 4.860 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion:173 Resp: 29111
Ion Ratio Lower Upper
173 100
175 49.1 38.7 58.1
254 12.3 9.0 13.4

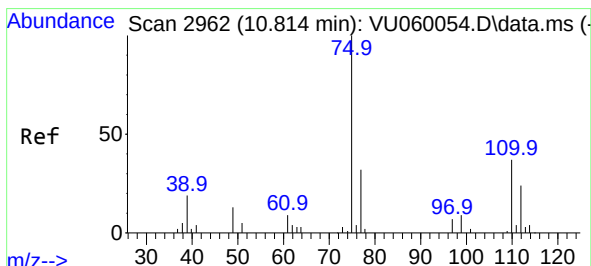
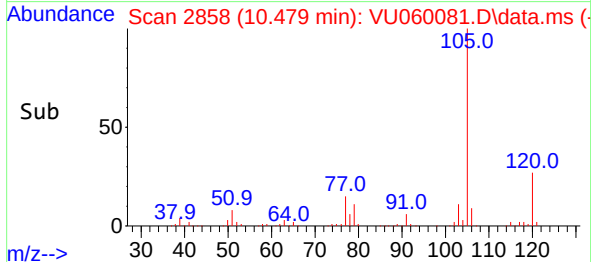
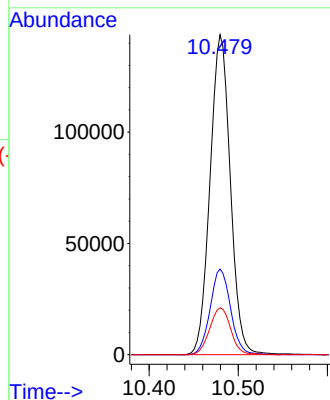
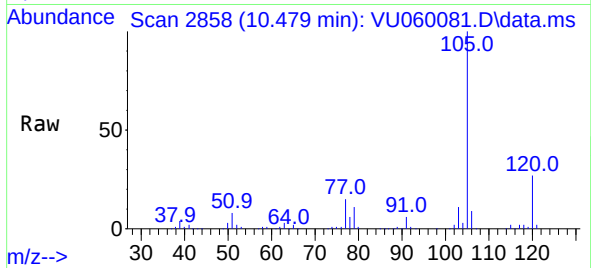




#60
Isopropylbenzene
Concen: 5.269 ug/L
RT: 10.479 min Scan# 2857
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

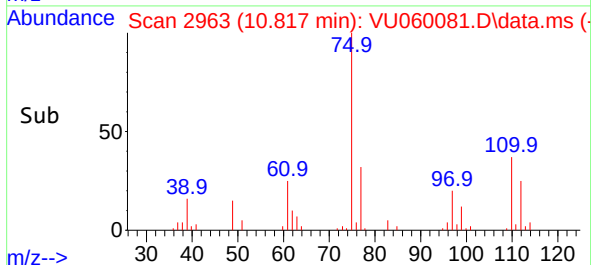
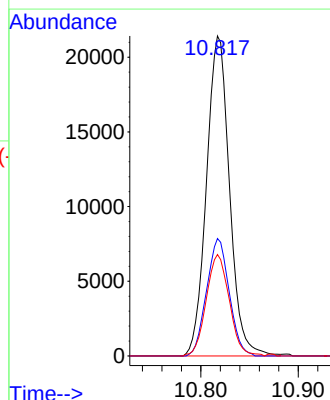
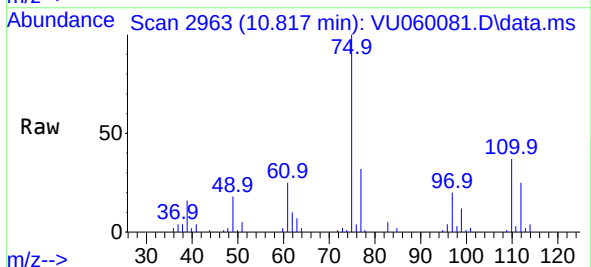
Instrument :
MSVOA_U
ClientSampleId :

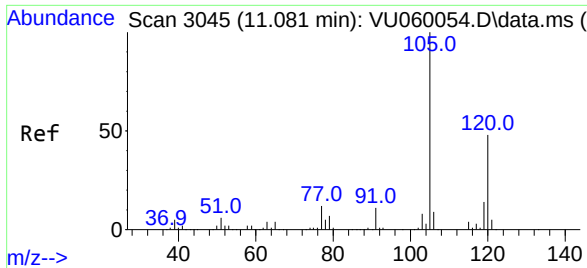
Tgt Ion:105 Resp: 227139
Ion Ratio Lower Upper
105 100
120 27.0 21.9 32.9
77 15.2 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 5.072 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion: 75 Resp: 35249
Ion Ratio Lower Upper
75 100
110 35.9 30.8 46.2
77 31.6 26.2 39.2

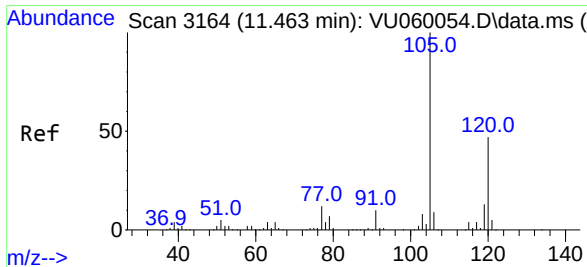
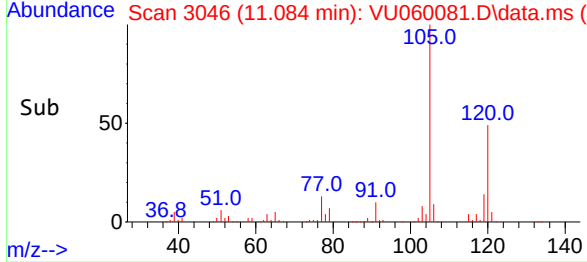
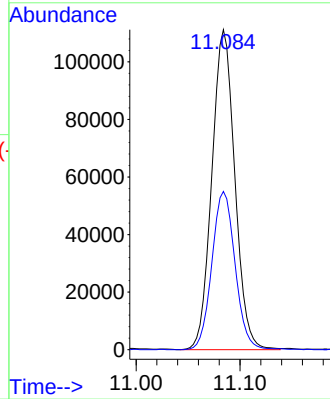
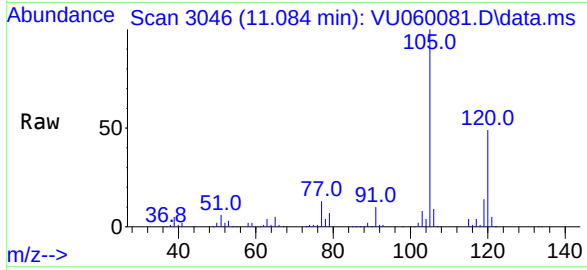




#62
1,3,5-Trimethylbenzene
Concen: 5.190 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

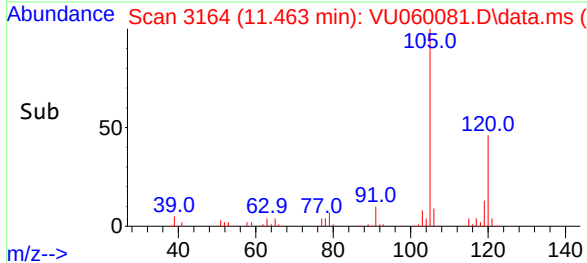
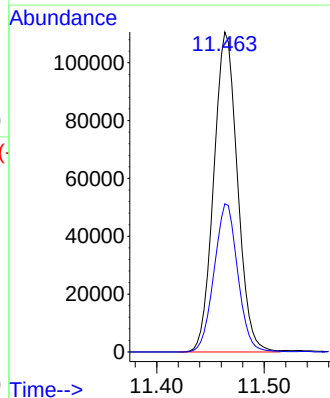
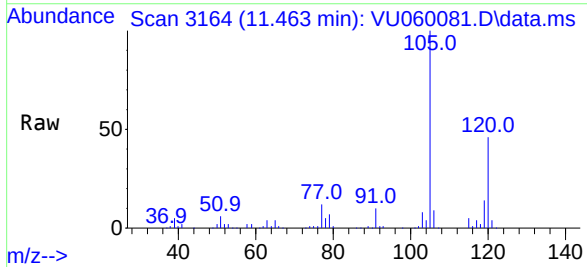
Instrument :
MSVOA_U
ClientSampleId :

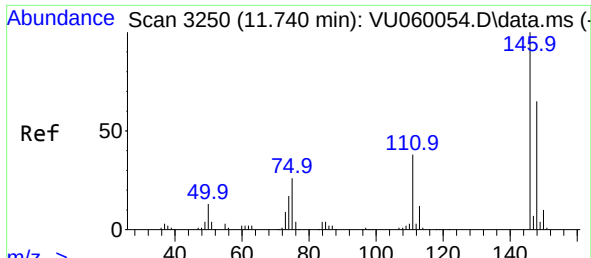
Tgt Ion:105 Resp: 170948
Ion Ratio Lower Upper
105 100
120 50.0 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.324 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

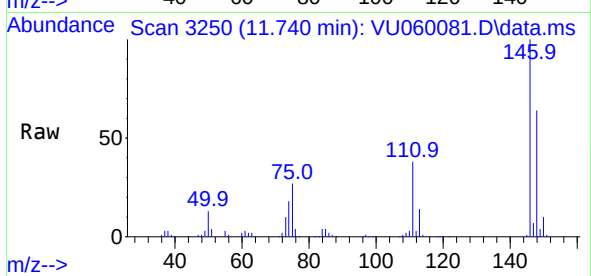
Tgt Ion:105 Resp: 169441
Ion Ratio Lower Upper
105 100
120 46.3 36.7 55.1



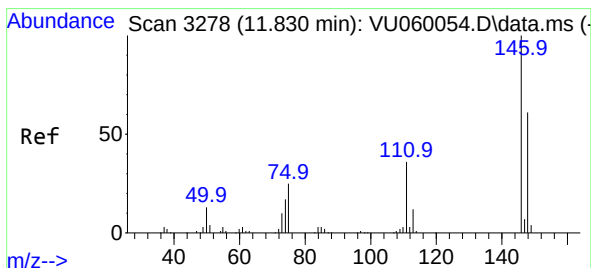
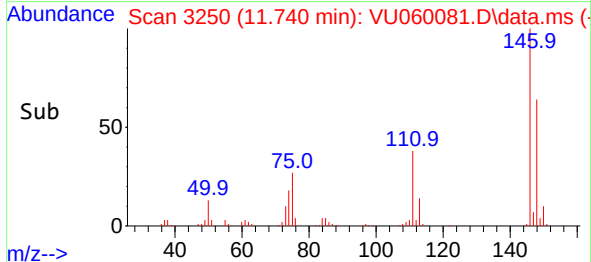
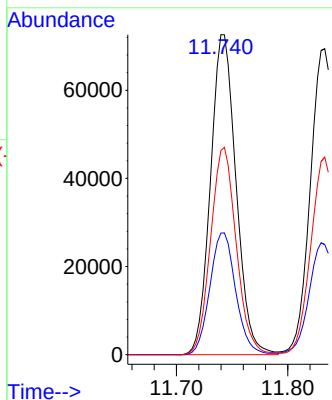


#64
1,3-Dichlorobenzene
Concen: 4.997 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Instrument :
MSVOA_U
ClientSampleId :

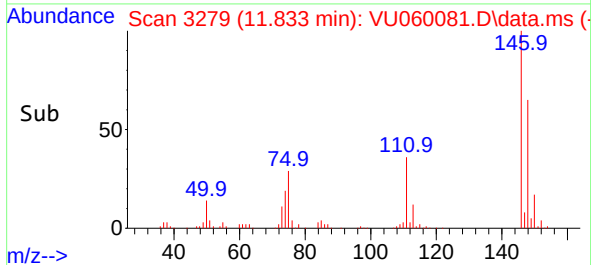
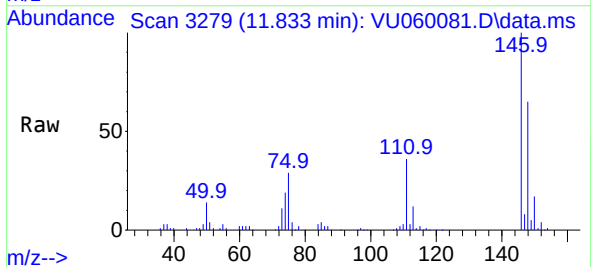
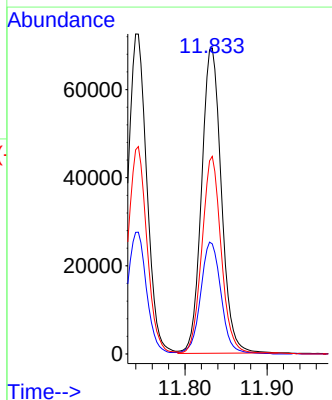


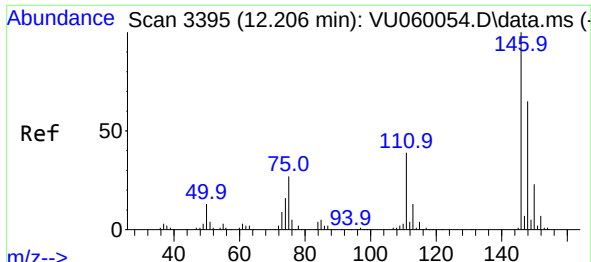
Tgt Ion:146 Resp: 115905
Ion Ratio Lower Upper
146 100
111 38.0 27.2 50.4
148 63.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.921 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion:146 Resp: 116207
Ion Ratio Lower Upper
146 100
111 36.0 26.5 49.1
148 64.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.002 ug/L

RT: 12.209 min Scan# 311

Delta R.T. 0.003 min

Lab File: VU060081.D

Acq: 22 Jul 2024 09:44

Instrument :

MSVOA_U

ClientSampleId :

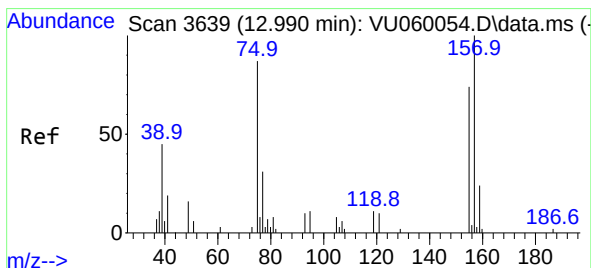
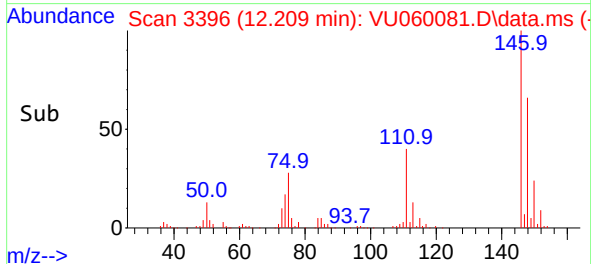
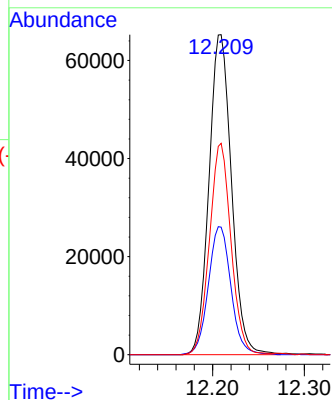
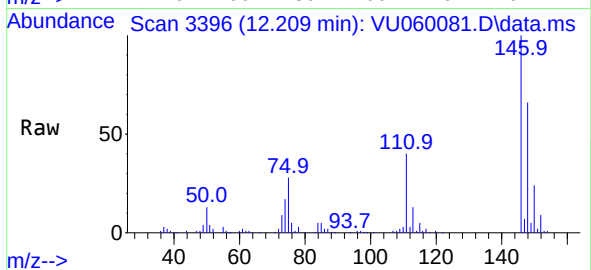
Tgt Ion:146 Resp: 111064

Ion Ratio Lower Upper

146 100

111 39.9 30.9 46.3

148 66.1 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.116 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060081.D

Acq: 22 Jul 2024 09:44

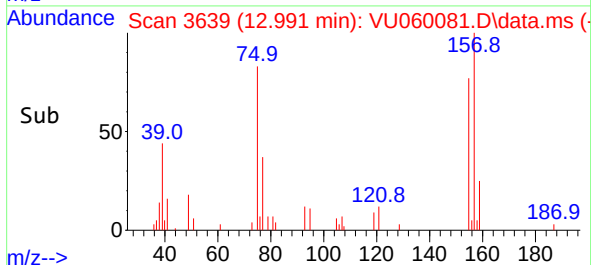
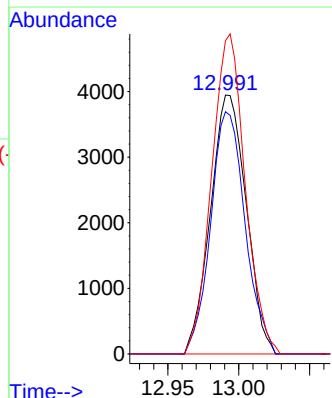
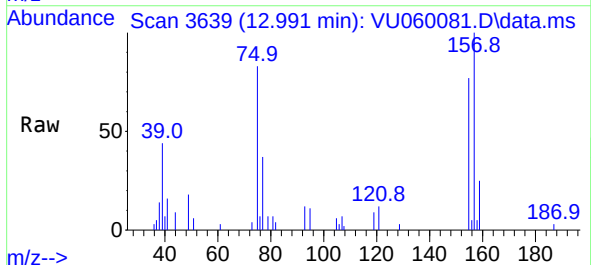
Tgt Ion: 75 Resp: 6929

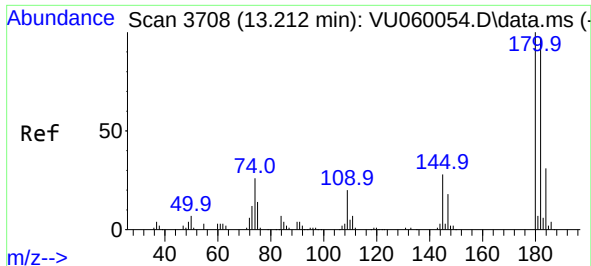
Ion Ratio Lower Upper

75 100

155 93.6 70.6 105.8

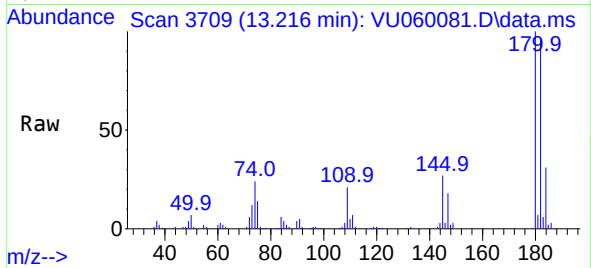
157 121.0 99.4 149.2



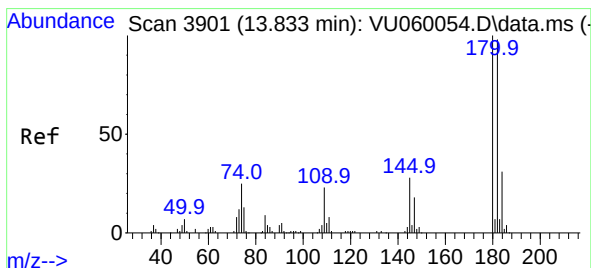
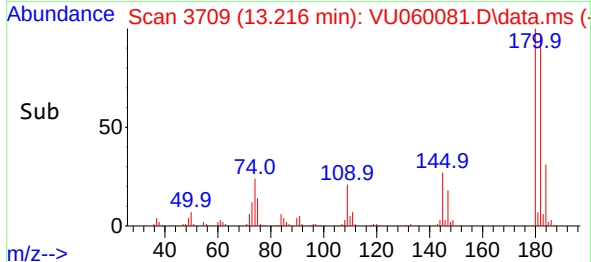
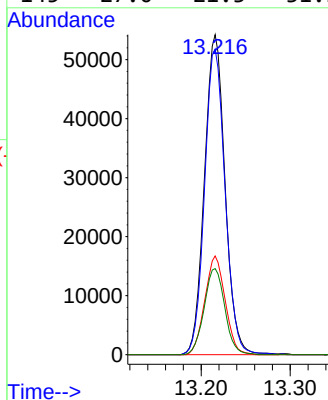


#69
1,3,5-Trichlorobenzene
Concen: 4.970 ug/L
RT: 13.216 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Instrument :
MSVOA_U
ClientSampleId :

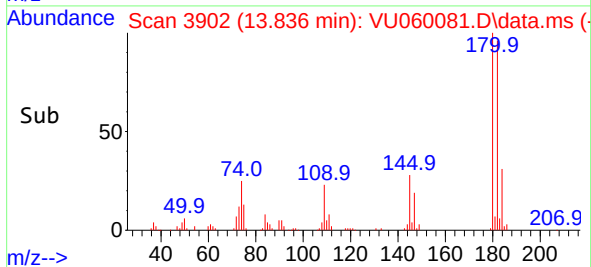
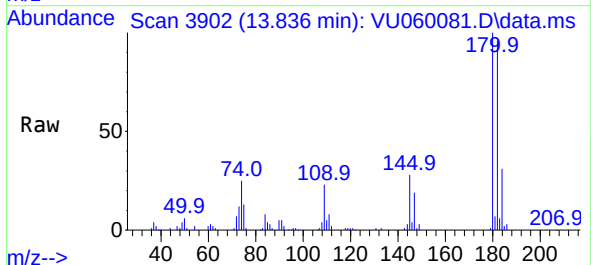
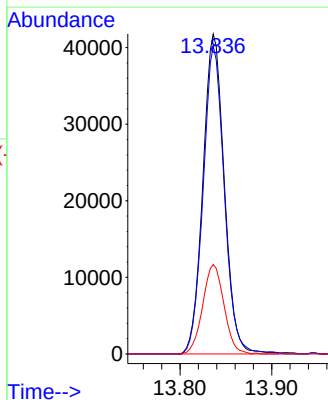


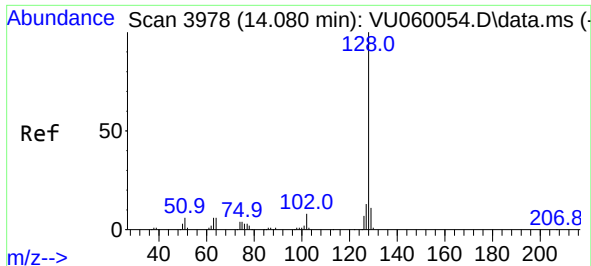
Tgt Ion:180 Resp: 87003
Ion Ratio Lower Upper
180 100
182 95.2 74.6 111.8
184 30.6 23.1 34.7
145 27.0 21.3 31.9



#70
1,2,4-trichlorobenzene
Concen: 5.076 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

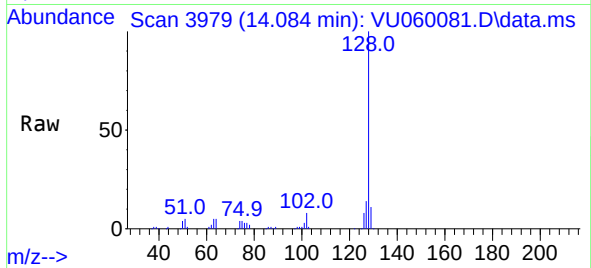
Tgt Ion:180 Resp: 67640
Ion Ratio Lower Upper
180 100
182 95.0 77.2 115.8
145 27.8 23.0 34.4



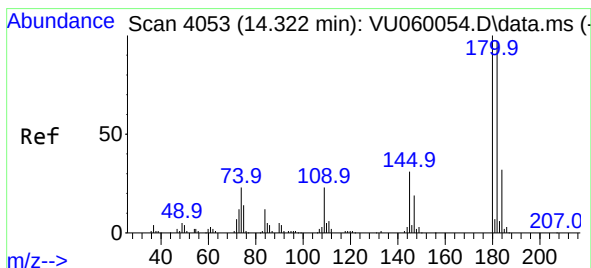
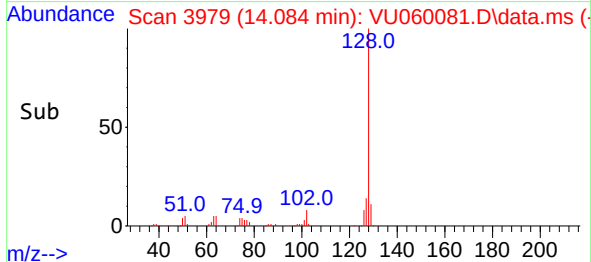
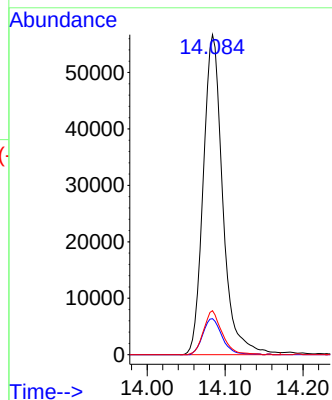


#71
Naphthalene
Concen: 5.218 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 98513
Ion Ratio Lower Upper
128 100
129 11.2 8.2 12.4
127 13.1 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.395 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU060081.D
Acq: 22 Jul 2024 09:44

Tgt Ion:180 Resp: 64648
Ion Ratio Lower Upper
180 100
182 94.2 76.3 114.5
145 29.2 23.9 35.9

