

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031524\
 Data File : VU058119.D
 Acq On : 15 Mar 2024 10:45
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 15 23:30:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 14 04:37:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	131773	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	122405	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57166	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	50947	5.374	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.400%
7) Chloroethane-d5	1.904	69	43551	5.589	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.557	65	22385	5.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.200%
20) 2-Butanone-d5	4.611	46	89050	57.005	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.020%
24) Chloroform-d	5.052	84	98134	5.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	5.695	65	44346	5.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	5.721	84	194768	5.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
36) 1,2-Dichloropropane-d6	6.682	67	59132	5.453	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.894	98	172272	5.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	8.177	79	17255	4.627	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.627	63	74441	59.456	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.920%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	36715	5.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	51360	5.455	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	38667	4.843	ug/L	97
3) Chloromethane	1.512	50	45822	4.908	ug/L	100
5) Vinyl chloride	1.599	62	49870	4.966	ug/L	96
6) Bromomethane	1.849	94	27377	5.176	ug/L	100
8) Chloroethane	1.923	64	32821	5.190	ug/L	98
9) Trichlorofluoromethane	2.129	101	75421	5.272	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	48117	5.380	ug/L	98
12) 1,1-Dichloroethene	2.570	96	39496	4.968	ug/L	94
13) Acetone	2.615	43	62966	54.163	ug/L	97
14) Carbon disulfide	2.785	76	101989	4.148	ug/L	99
15) Methyl Acetate	2.943	43	14824	5.746	ug/L	97
16) Methylene chloride	3.033	84	47958	4.963	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	99935	5.315	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	43272	4.997	ug/L	94
19) 1,1-Dichloroethane	3.856	63	94538	5.472	ug/L	99
21) 2-Butanone	4.692	43	97210	53.068	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	50719	5.324	ug/L	97
23) Bromochloromethane	4.965	128	19688	5.565	ug/L	98
25) Chloroform	5.078	83	96287	5.459	ug/L	98

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Quant Time: Mar 15 23:30:25 2024
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 Response via : Initial Calibration

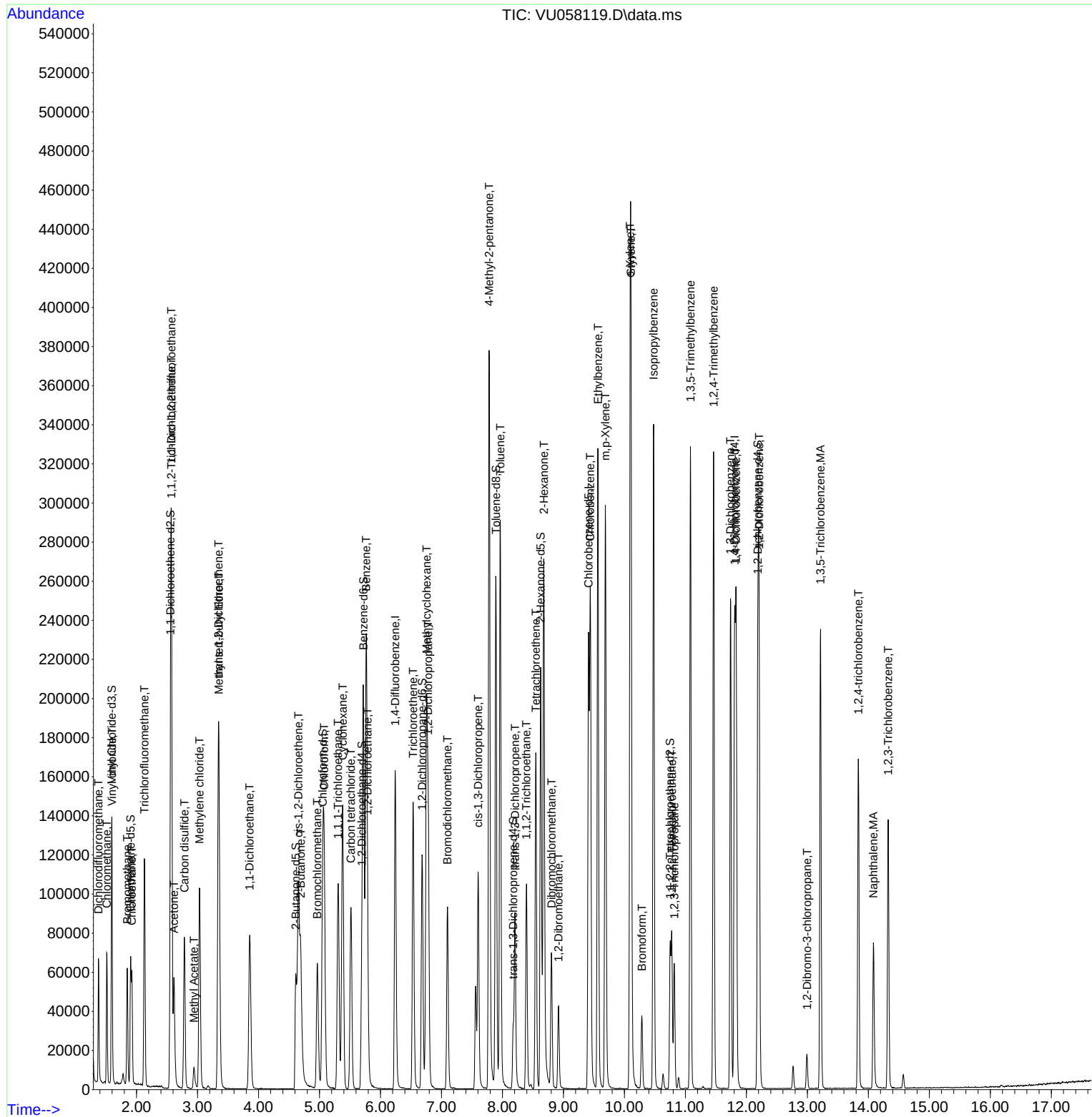
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	53978	5.528	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	77680	5.332	ug/L	99
30) Cyclohexane	5.380	56	71192	4.839	ug/L	99
31) Carbon tetrachloride	5.515	117	63881	5.046	ug/L	99
33) Benzene	5.766	78	203558	5.419	ug/L	100
34) Trichloroethene	6.537	95	52702	5.333	ug/L	98
35) Methylcyclohexane	6.756	83	74240	4.900	ug/L	99
37) 1,2-Dichloropropane	6.782	63	55370	5.717	ug/L	98
38) Bromodichloromethane	7.097	83	60627	5.159	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	67421	5.052	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	250801	56.289	ug/L	99
42) Toluene	7.965	91	214553	5.485	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	53162	4.999	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	32771	5.706	ug/L	94
47) Tetrachloroethene	8.550	164	35300	5.148	ug/L	97
48) 2-Hexanone	8.679	43	180750	55.317	ug/L	100
49) Dibromochloromethane	8.804	129	34747	5.111	ug/L	100
50) 1,2-Dibromoethane	8.920	107	28139	5.521	ug/L #	97
51) Chlorobenzene	9.441	112	129772	5.290	ug/L	98
52) Ethylbenzene	9.566	91	231349	5.285	ug/L	98
53) m,p-Xylene	9.688	106	82859	5.298	ug/L	98
54) o-Xylene	10.094	106	82454	5.290	ug/L	99
55) Styrene	10.110	104	133983	5.477	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	37457	5.537	ug/L	97
59) Bromoform	10.286	173	16388	5.140	ug/L	98
60) Isopropylbenzene	10.479	105	211451	5.554	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	27893	5.957	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	177593	5.531	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	176981	5.584	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	95943	5.544	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	91450	5.399	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	86992	5.758	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	4707	5.066	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	67419	5.416	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	48669	5.204	ug/L	99
71) Naphthalene	14.084	128	63104	4.940	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	39781	5.385	ug/L	98

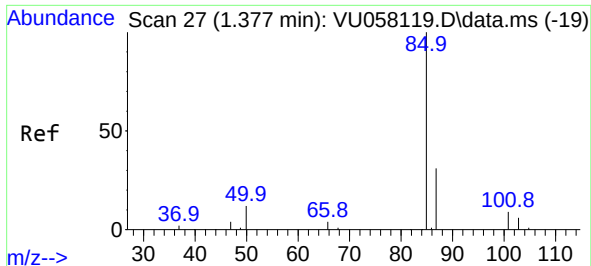
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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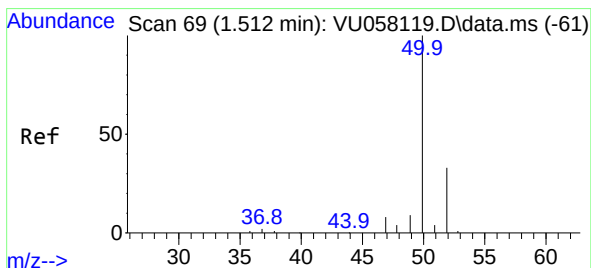
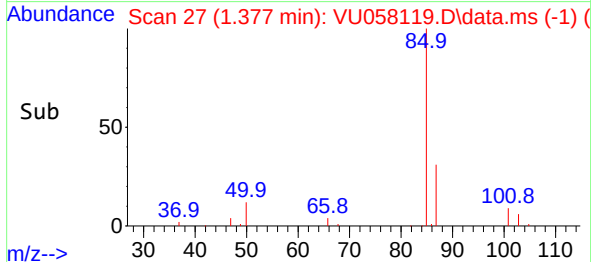
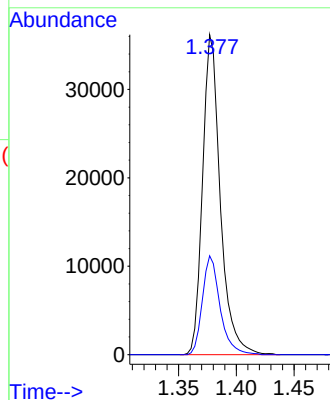
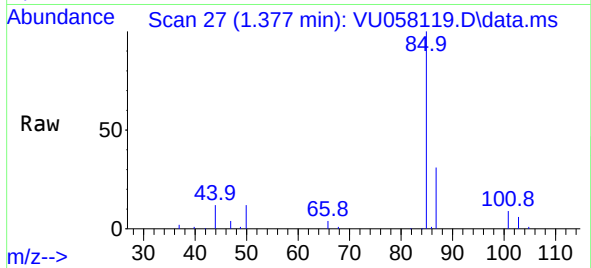




#2
Dichlorodifluoromethane
Concen: 4.843 ug/L
RT: 1.377 min Scan# 27
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

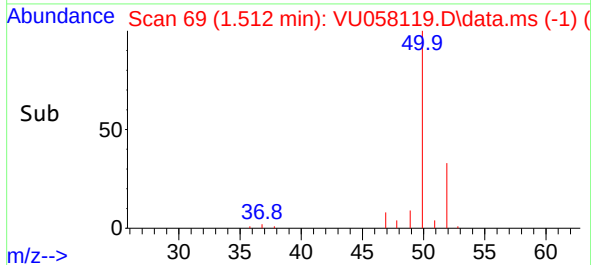
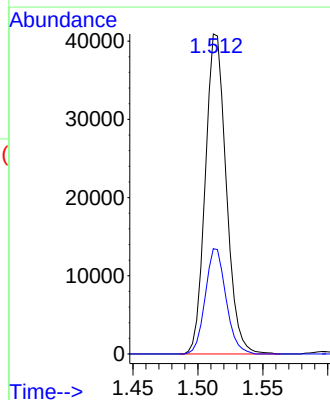
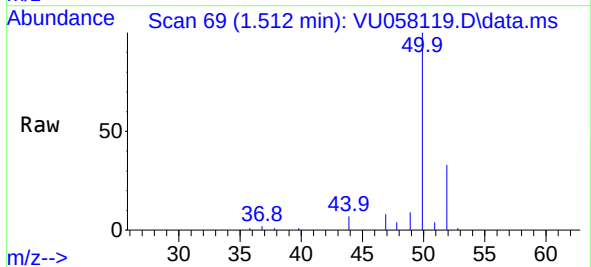
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MSVOA_U
ClientSampleId :

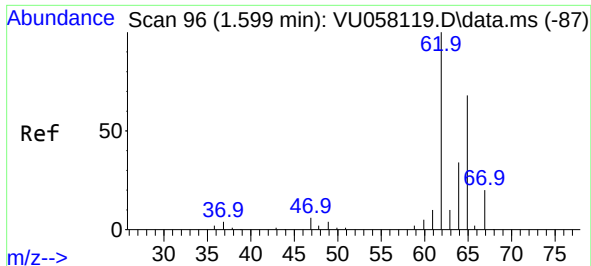
Tgt Ion: 85 Resp: 38667
Ion Ratio Lower Upper
85 100
87 30.8 25.8 38.6



#3
Chloromethane
Concen: 4.908 ug/L
RT: 1.512 min Scan# 69
Delta R.T. -0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion: 50 Resp: 45822
Ion Ratio Lower Upper
50 100
52 32.9 23.1 42.9

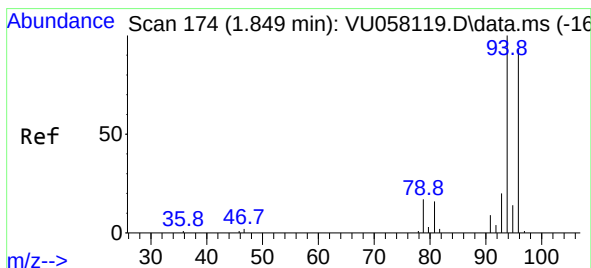
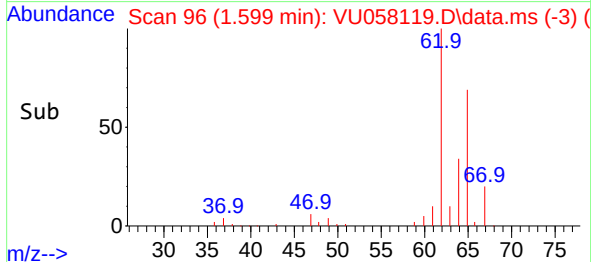
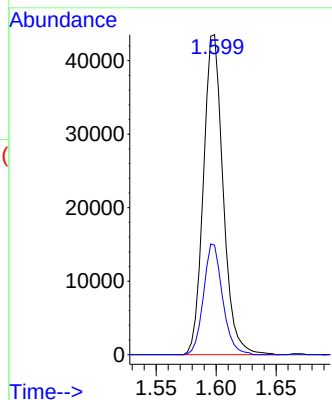
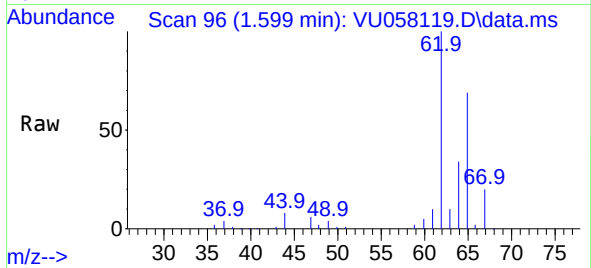




#5
Vinyl chloride
Concen: 4.966 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

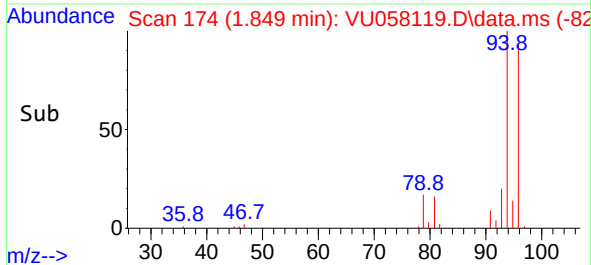
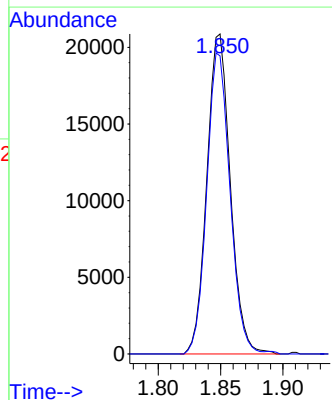
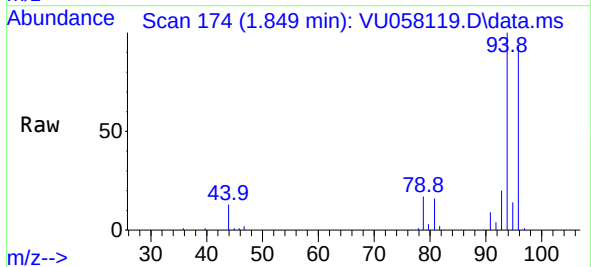
Instrument :
MSVOA_U
ClientSampleId :

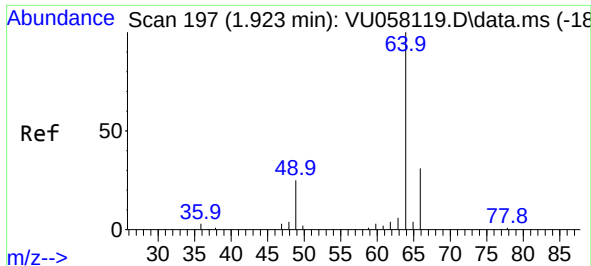
Tgt Ion: 62 Resp: 49870
Ion Ratio Lower Upper
62 100
64 34.2 22.5 41.7



#6
Bromomethane
Concen: 5.176 ug/L
RT: 1.849 min Scan# 174
Delta R.T. -0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion: 94 Resp: 27377
Ion Ratio Lower Upper
94 100
96 93.1 65.2 121.2

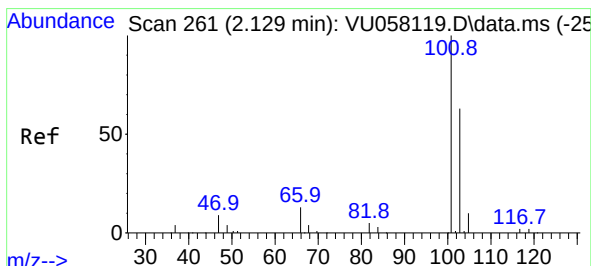
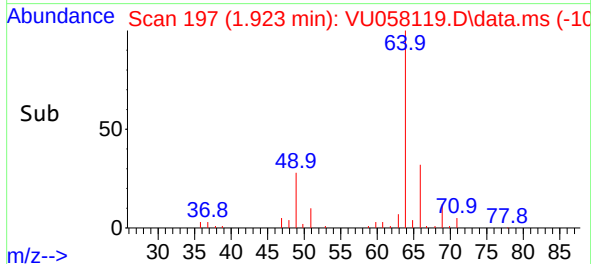
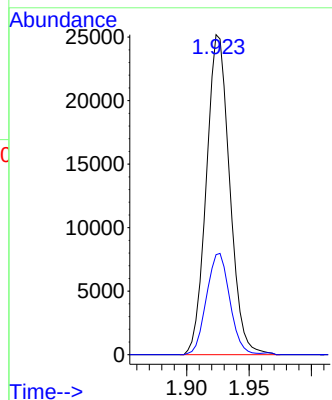
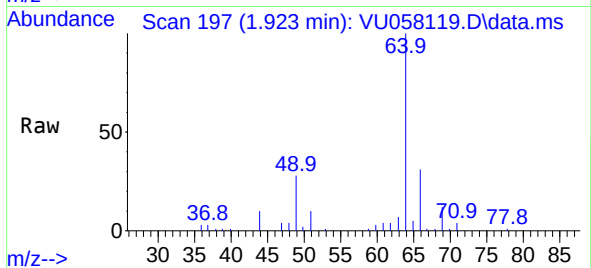




#8
Chloroethane
Concen: 5.190 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

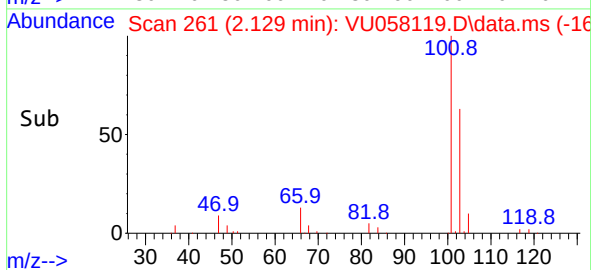
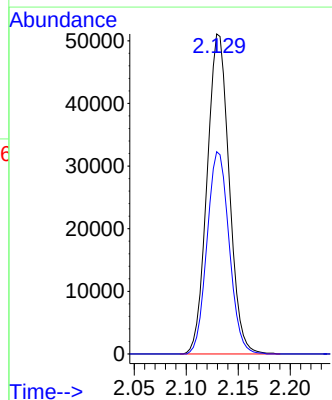
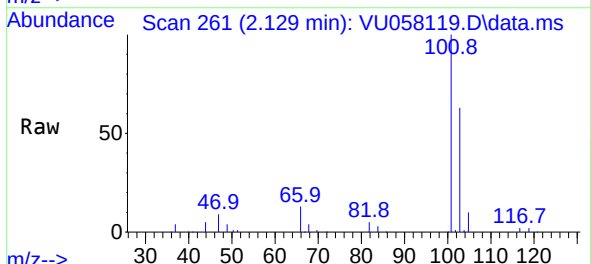
Instrument :
MSVOA_U
ClientSampleId :

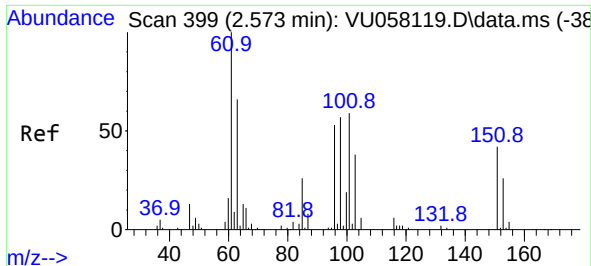
Tgt Ion: 64 Resp: 32821
Ion Ratio Lower Upper
64 100
66 31.2 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.272 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion:101 Resp: 75421
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.2

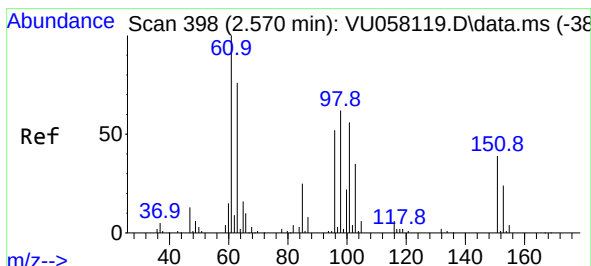
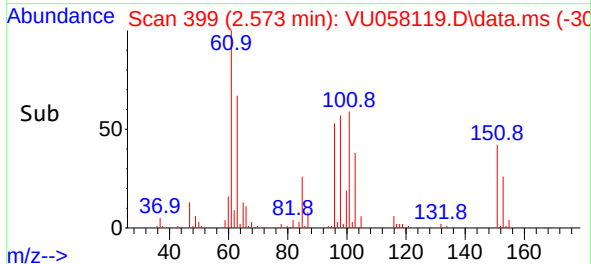
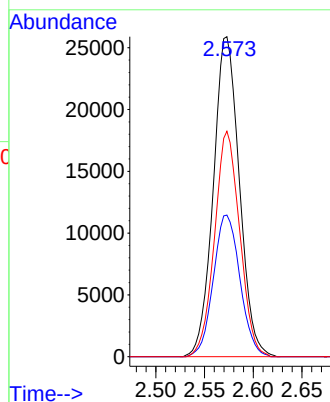
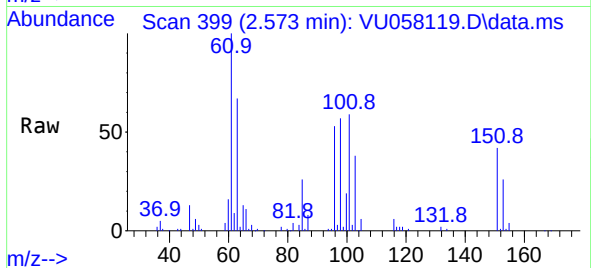




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.380 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

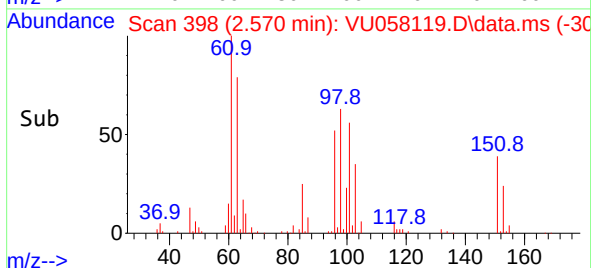
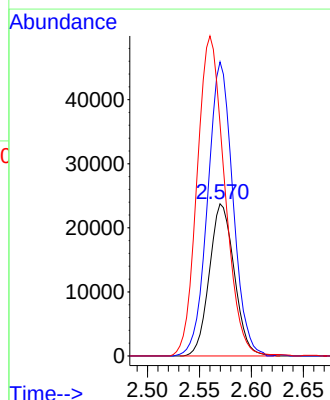
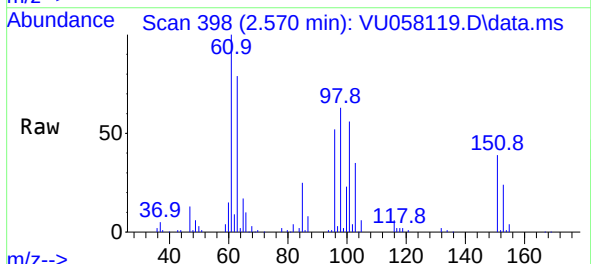
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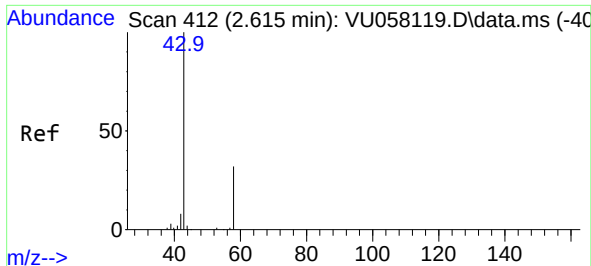
Tgt Ion:101 Resp: 48117
Ion Ratio Lower Upper
101 100
85 45.3 37.3 55.9
151 68.1 56.0 84.0



#12
1,1-Dichloroethene
Concen: 4.968 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion: 96 Resp: 39496
Ion Ratio Lower Upper
96 100
61 193.3 131.8 244.8
63 152.5 98.1 182.1

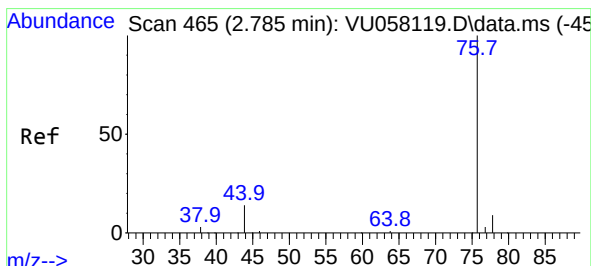
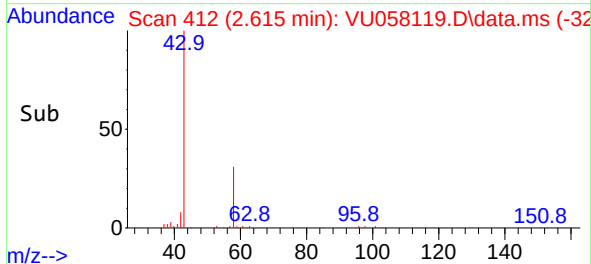
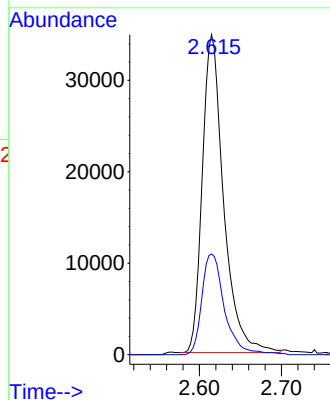
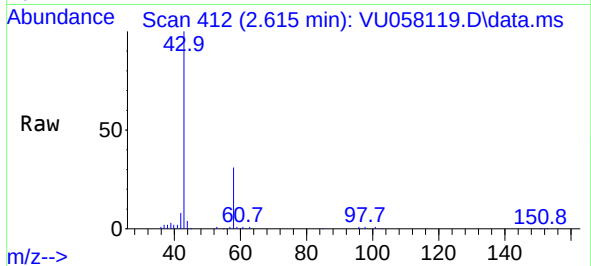




#13
Acetone
Concen: 54.163 ug/L
RT: 2.615 min Scan# 412
Delta R.T. -0.010 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

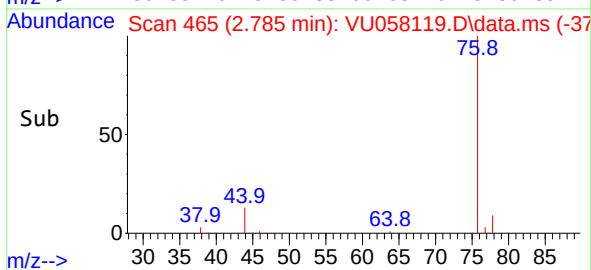
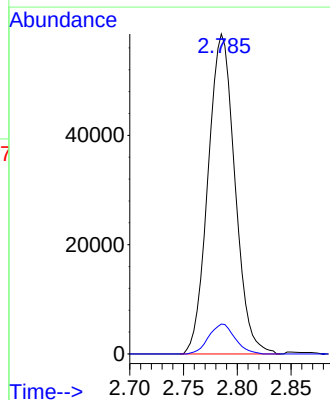
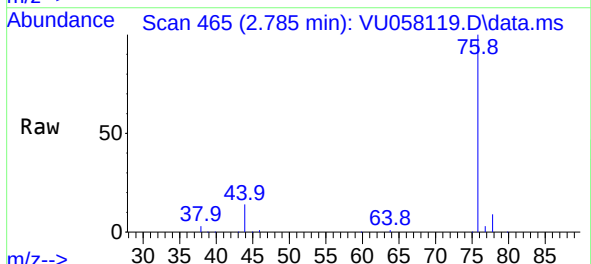
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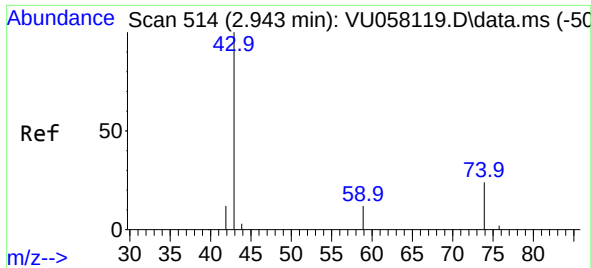
Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.3	0.0	63.6



#14
Carbon disulfide
Concen: 4.148 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.000 min
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Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

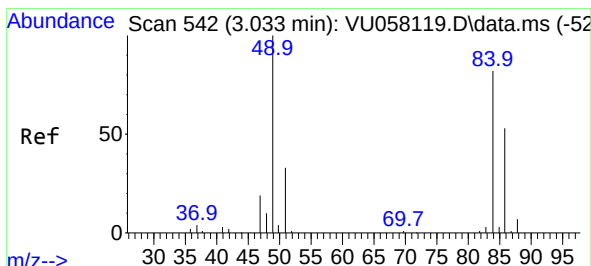
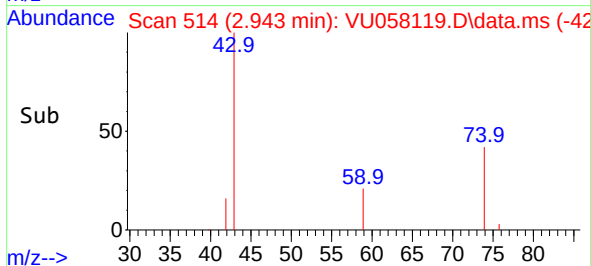
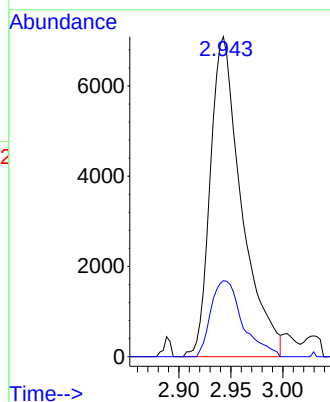
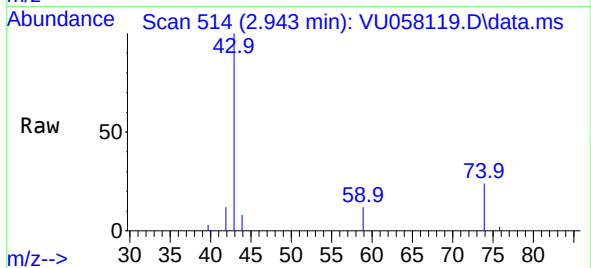




#15
Methyl Acetate
Concen: 5.746 ug/L
RT: 2.943 min Scan# 514
Delta R.T. -0.006 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

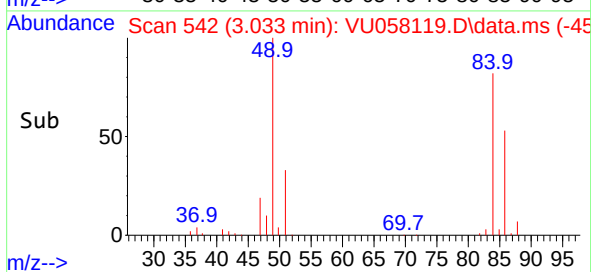
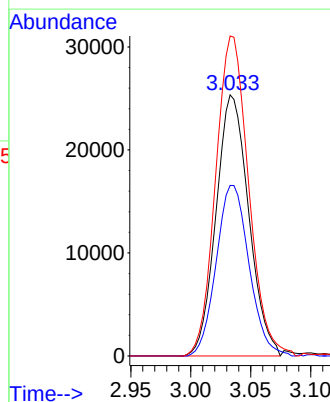
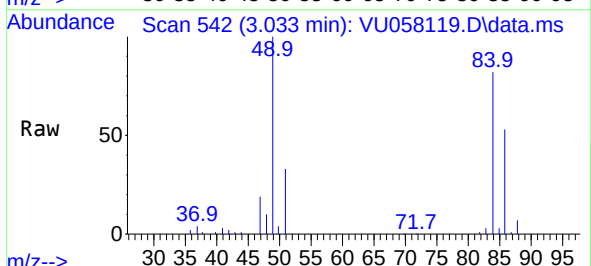
Instrument :
MSVOA_U
ClientSampleId :

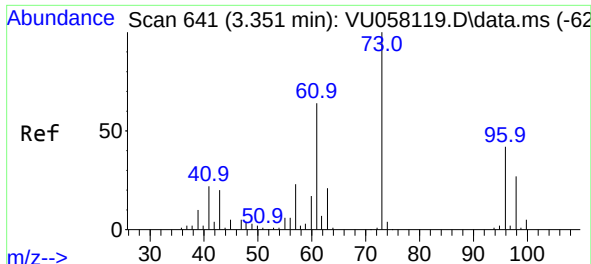
Tgt Ion: 43 Resp: 14824
Ion Ratio Lower Upper
43 100
74 24.0 20.6 31.0



#16
Methylene chloride
Concen: 4.963 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion: 84 Resp: 47958
Ion Ratio Lower Upper
84 100
86 65.3 44.4 82.4
49 127.8 88.8 165.0

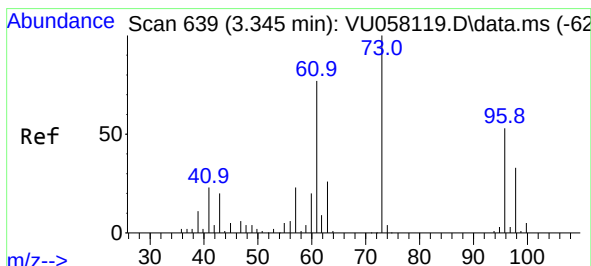
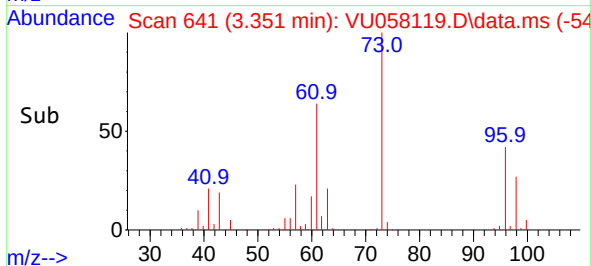
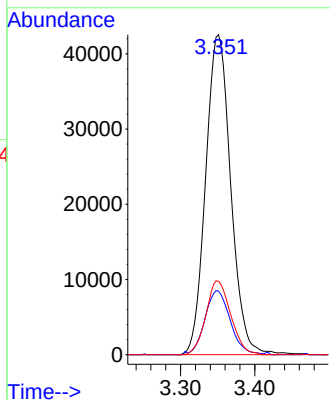
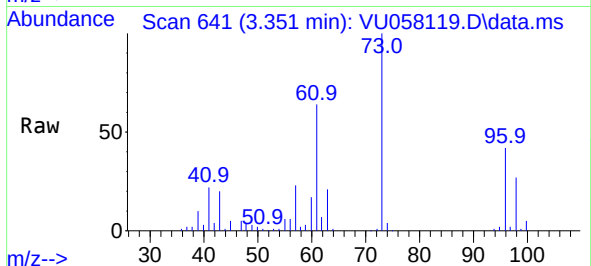




#17
Methyl tert-butyl Ether
Concen: 5.315 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

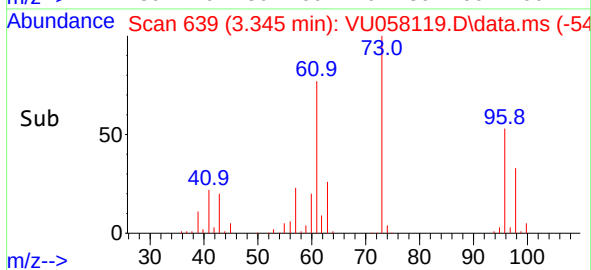
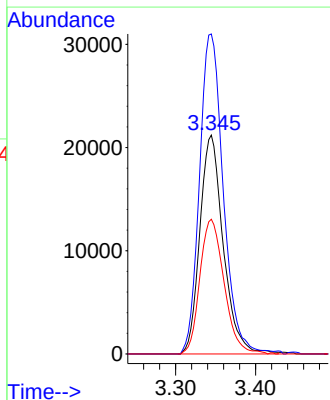
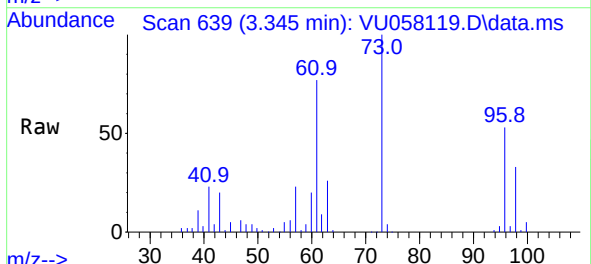
Instrument :
MSVOA_U
ClientSampleId :

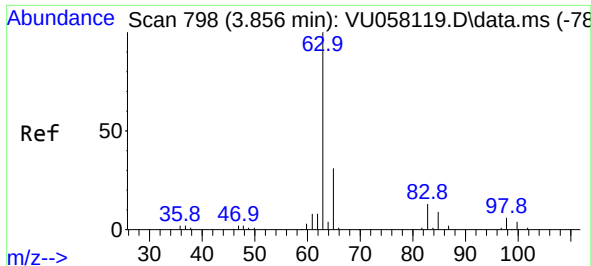
Tgt Ion: 73 Resp: 99935
Ion Ratio Lower Upper
73 100
43 20.2 16.2 24.4
57 22.8 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.997 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion: 96 Resp: 43272
Ion Ratio Lower Upper
96 100
61 146.2 107.7 199.9
98 61.6 45.8 85.0

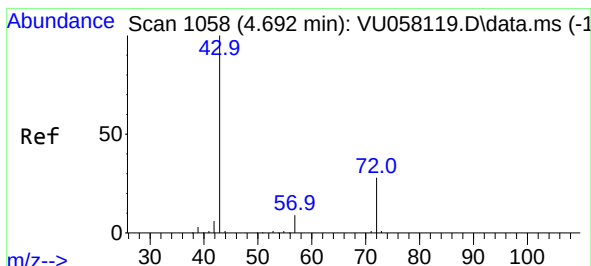
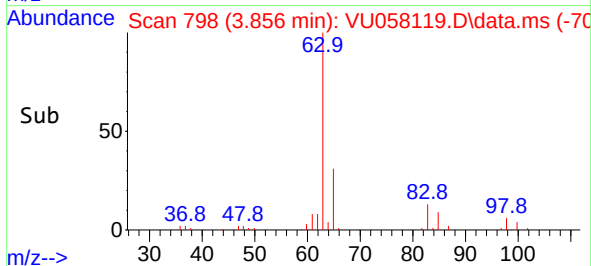
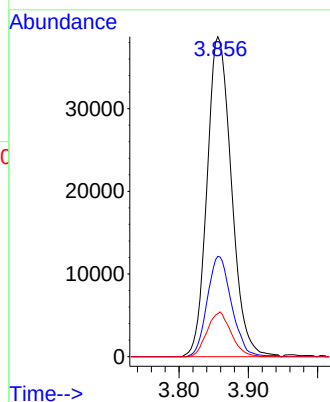
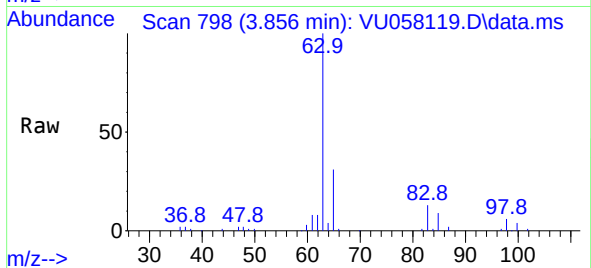




#19
1,1-Dichloroethane
Concen: 5.472 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

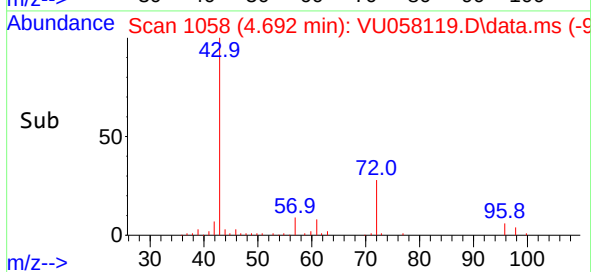
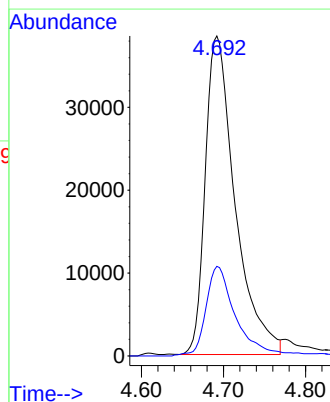
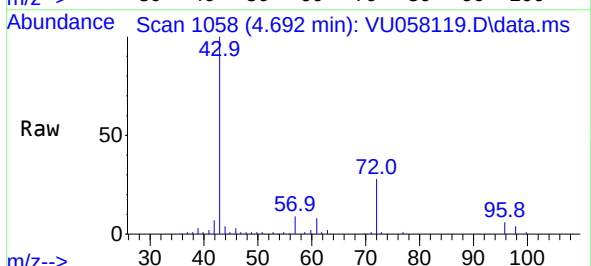
Instrument :
MSVOA_U
ClientSampleId :

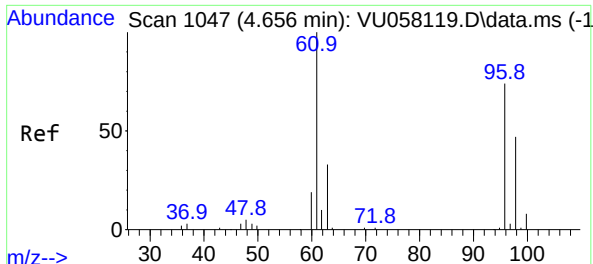
Tgt Ion:	63	Resp:	94538
Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.1	41.1
83	13.4	9.0	16.6



#21
2-Butanone
Concen: 53.068 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion:	43	Resp:	97210
Ion	Ratio	Lower	Upper
43	100		
72	28.2	13.0	39.0



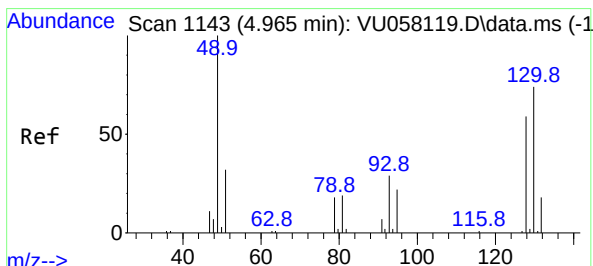
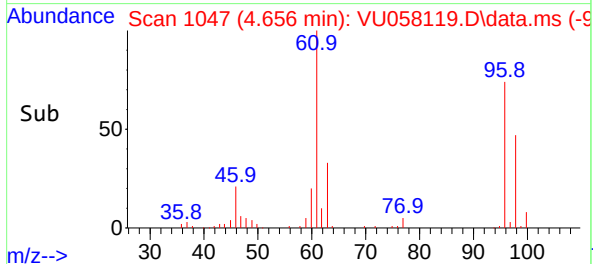
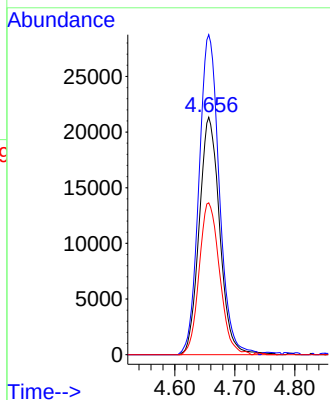
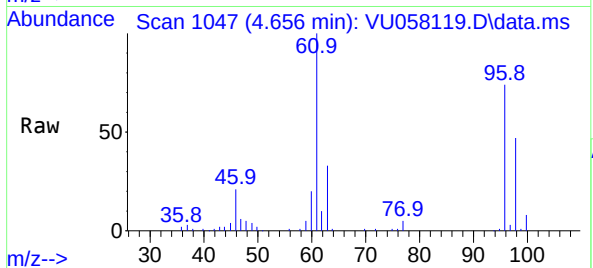


#22
cis-1,2-Dichloroethene
Concen: 5.324 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 50719

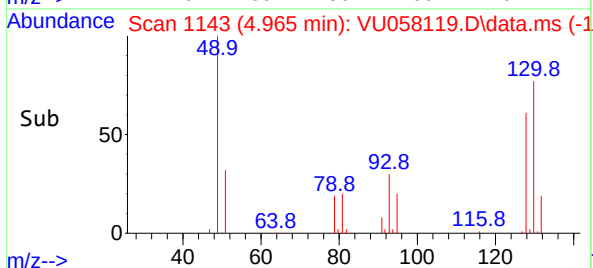
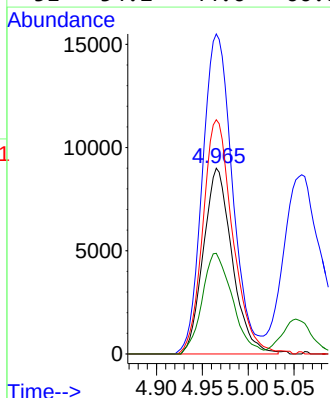
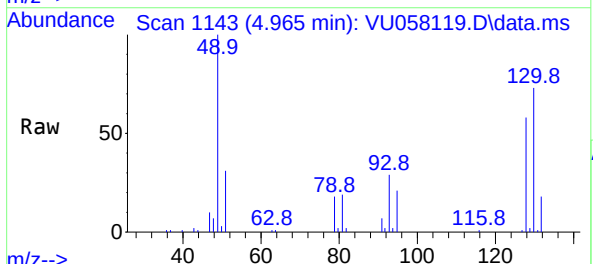
Ion	Ratio	Lower	Upper
96	100		
61	134.8	97.2	180.4
98	63.9	45.5	84.5

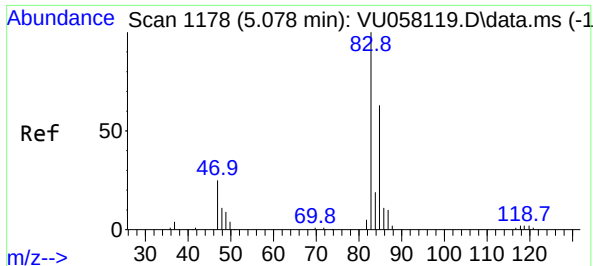


#23
Bromochloromethane
Concen: 5.565 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion: 128 Resp: 19688

Ion	Ratio	Lower	Upper
128	100		
49	172.3	122.0	226.6
130	126.1	86.6	160.8
51	54.2	44.6	66.8

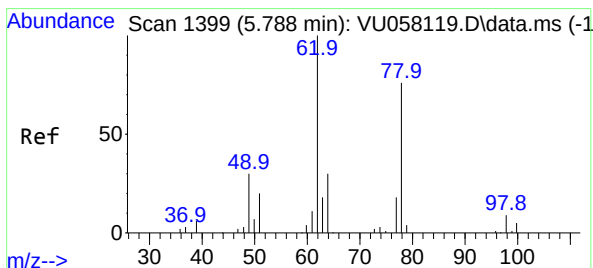
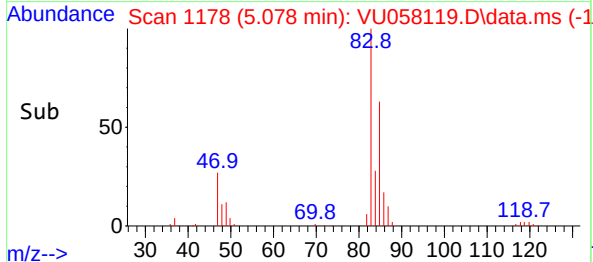
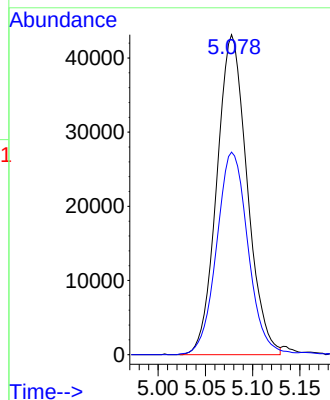
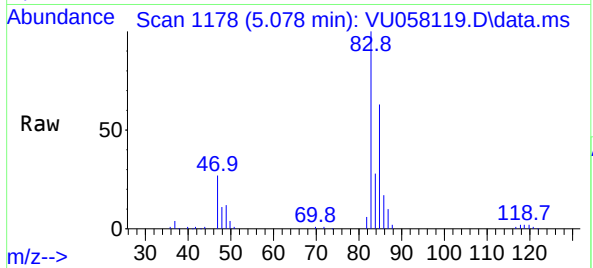




#25
Chloroform
Concen: 5.459 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

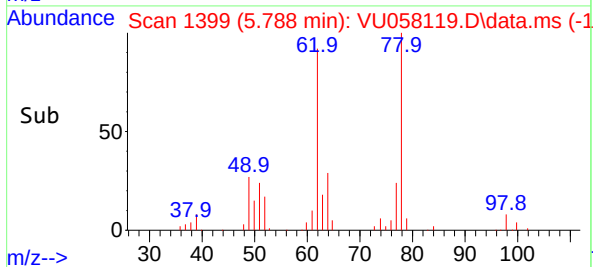
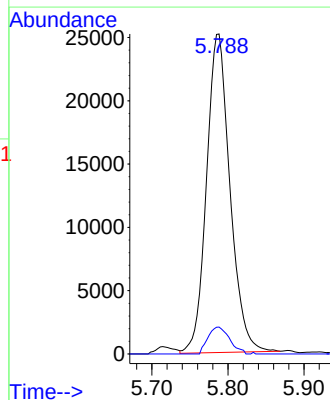
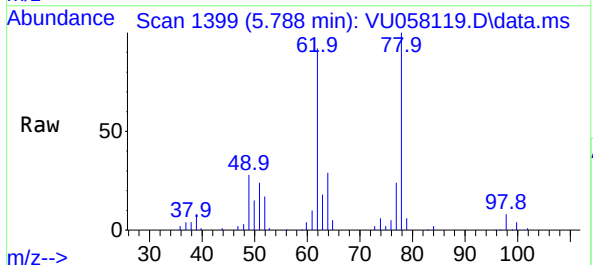
Instrument :
MSVOA_U
ClientSampleId :

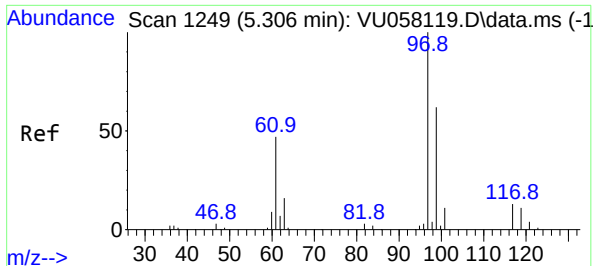
Tgt Ion: 83 Resp: 96287
Ion Ratio Lower Upper
83 100
85 63.3 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.528 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion: 62 Resp: 53978
Ion Ratio Lower Upper
62 100
98 8.4 7.0 10.4

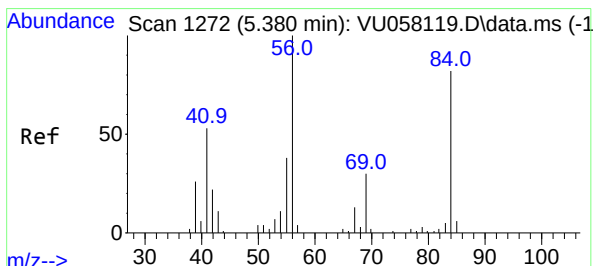
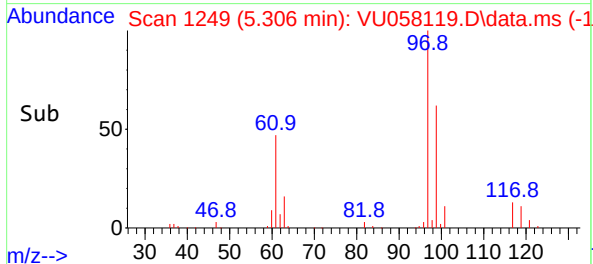
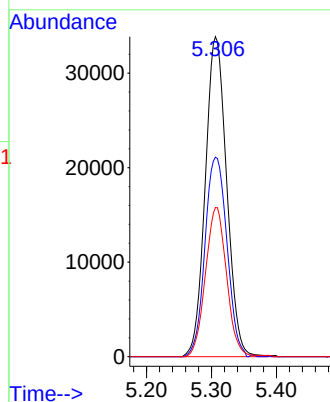
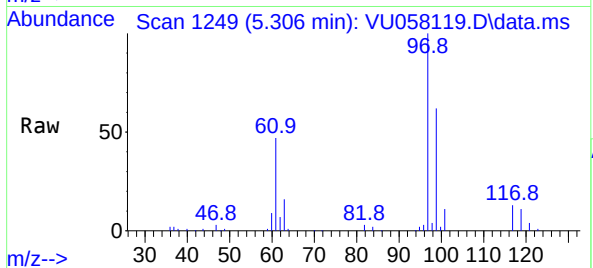




#29
1,1,1-Trichloroethane
Concen: 5.332 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

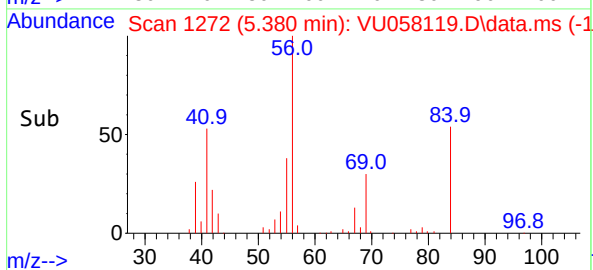
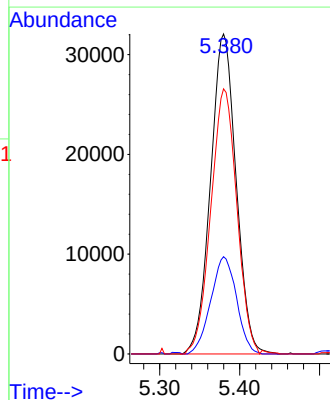
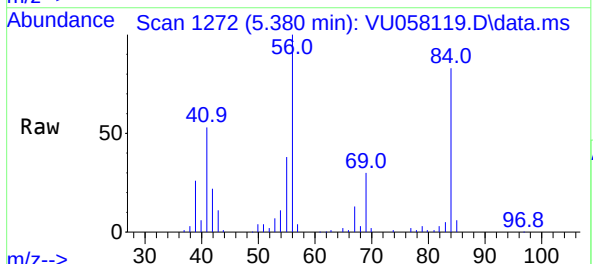
Instrument :
MSVOA_U
ClientSampleId :

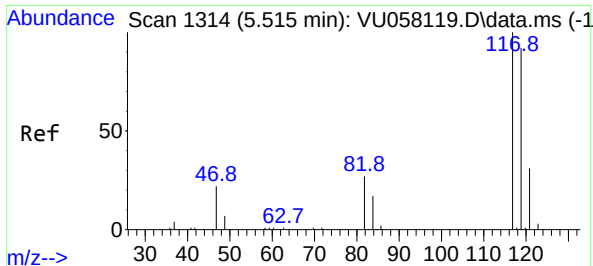
Tgt Ion:	97	Resp:	77680
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.2	76.8
61	46.0	37.4	56.2



#30
Cyclohexane
Concen: 4.839 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion:	56	Resp:	71192
Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.2	36.2
84	84.0	66.6	99.8

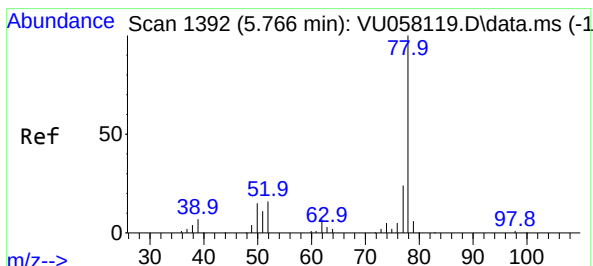
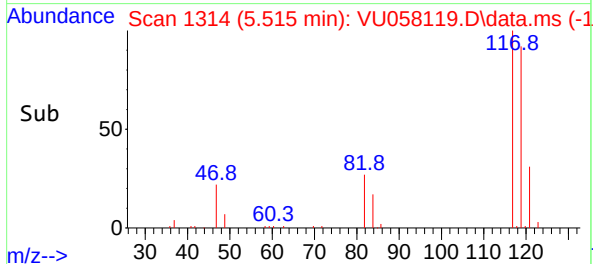
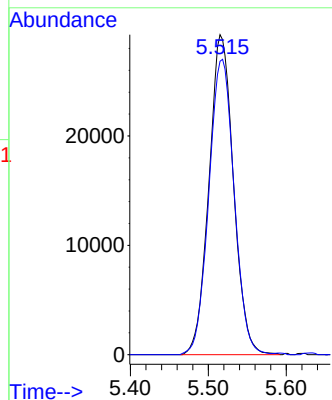
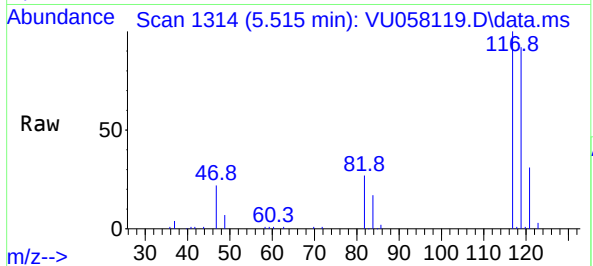




#31
Carbon tetrachloride
Concen: 5.046 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

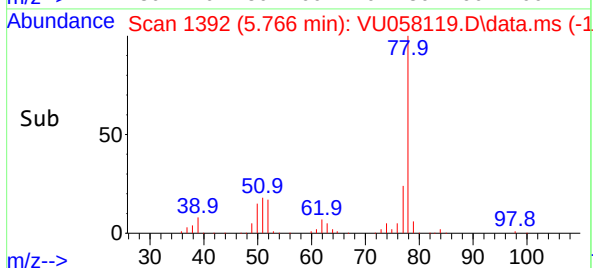
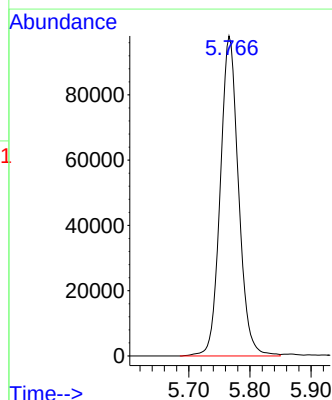
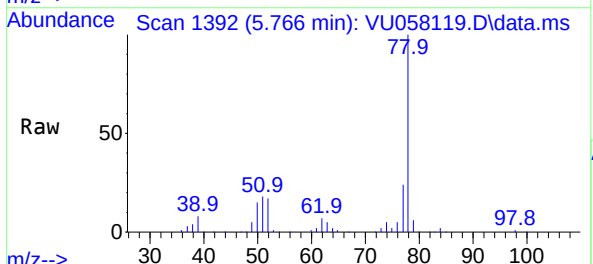
Instrument :
MSVOA_U
ClientSampleId :

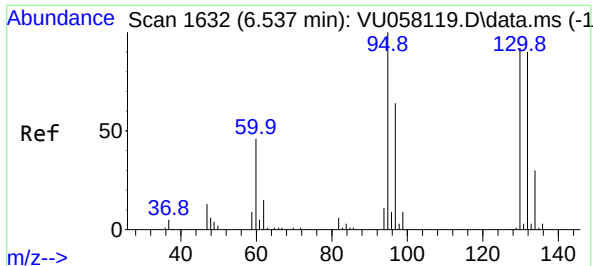
Tgt Ion:117 Resp: 63881
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8



#33
Benzene
Concen: 5.419 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

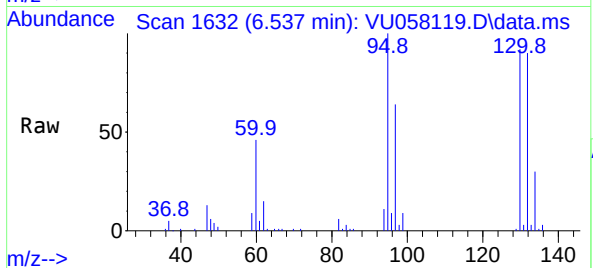
Tgt Ion: 78 Resp: 203558



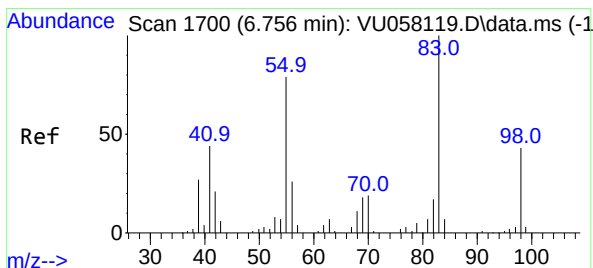
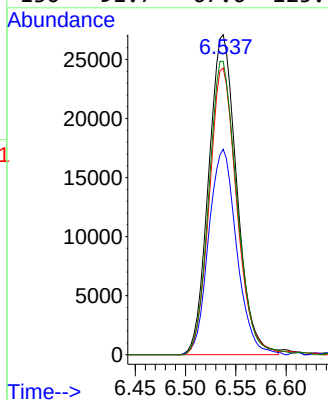
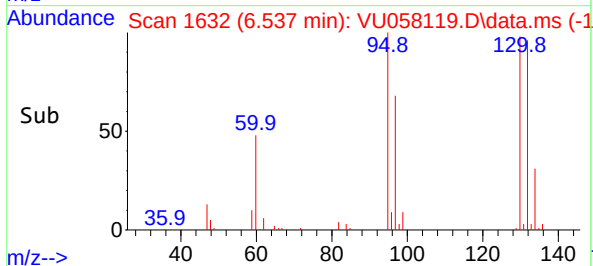


#34
Trichloroethene
Concen: 5.333 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

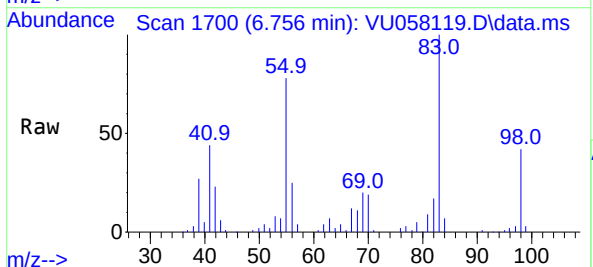
Instrument :
MSVOA_U
ClientSampleId :



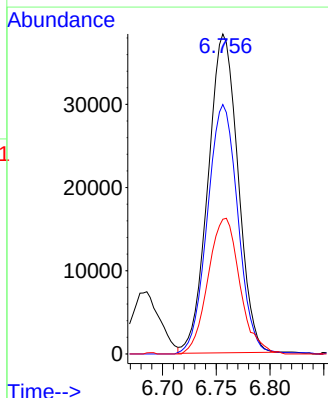
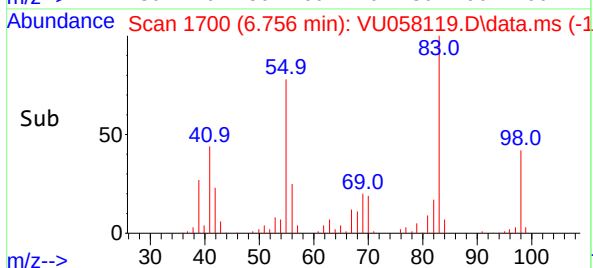
Tgt Ion: 95 Resp: 52702
Ion Ratio Lower Upper
95 100
97 64.2 45.3 84.1
132 89.6 63.1 117.1
130 91.7 67.6 125.6

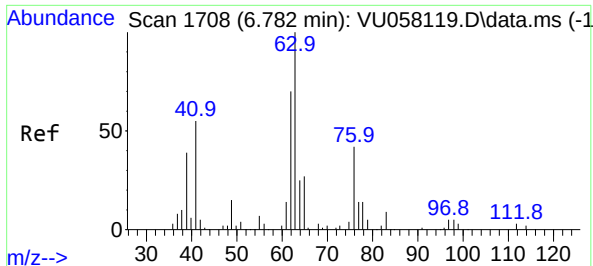


#35
Methylcyclohexane
Concen: 4.900 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45



Tgt Ion: 83 Resp: 74240
Ion Ratio Lower Upper
83 100
55 79.9 63.0 94.6
98 45.1 36.2 54.4

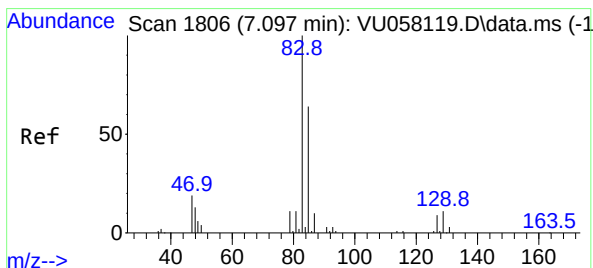
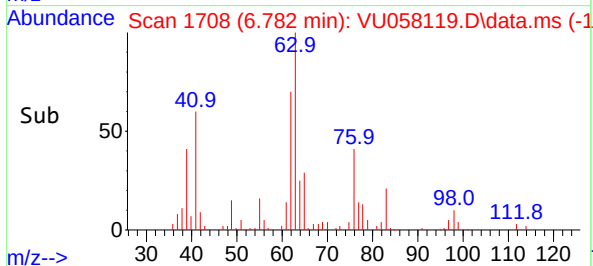
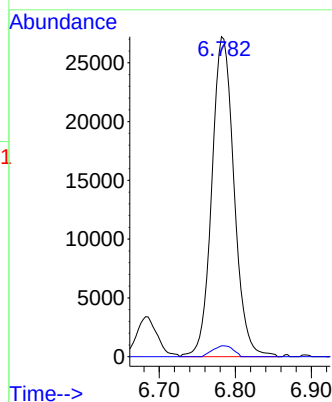
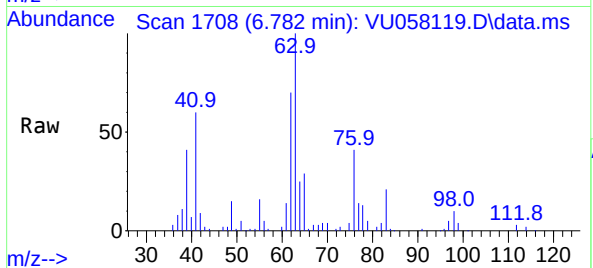




#37
1,2-Dichloropropane
Concen: 5.717 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

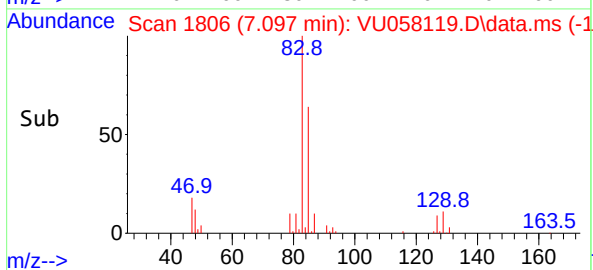
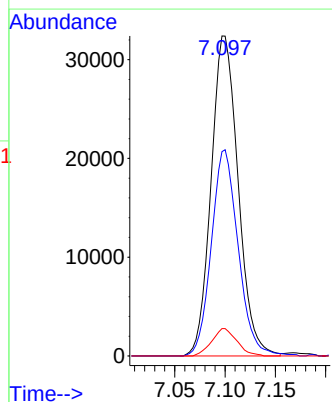
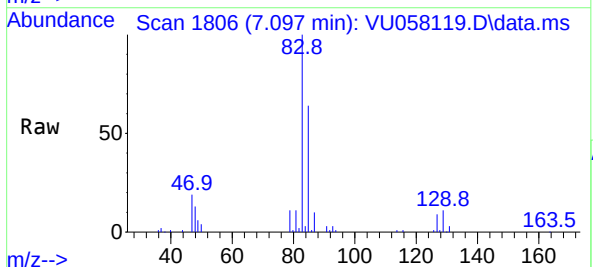
Instrument :
MSVOA_U
ClientSampleId :

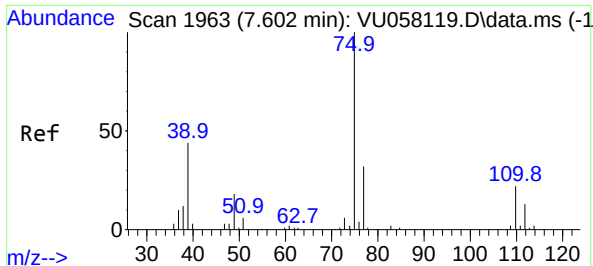
Tgt Ion: 63 Resp: 55370
Ion Ratio Lower Upper
63 100
112 3.1 3.0 4.4



#38
Bromodichloromethane
Concen: 5.159 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion: 83 Resp: 60627
Ion Ratio Lower Upper
83 100
85 63.9 44.5 82.7
127 8.5 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.052 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU058119.D

Acq: 15 Mar 2024 10:45

Instrument :

MSVOA_U

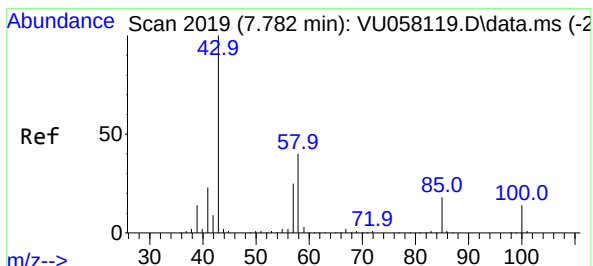
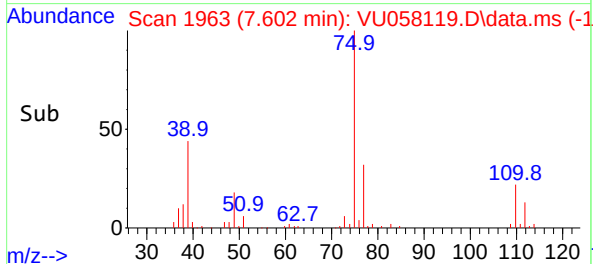
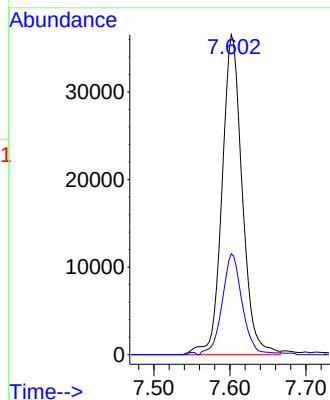
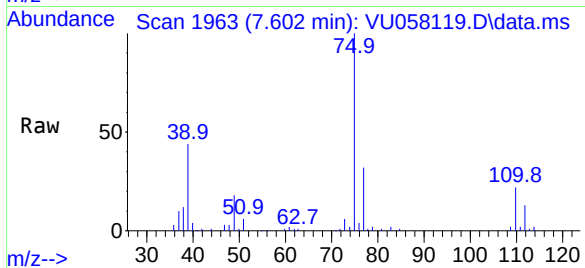
ClientSampleId :

Tgt Ion: 75 Resp: 67421

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 56.289 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU058119.D

Acq: 15 Mar 2024 10:45

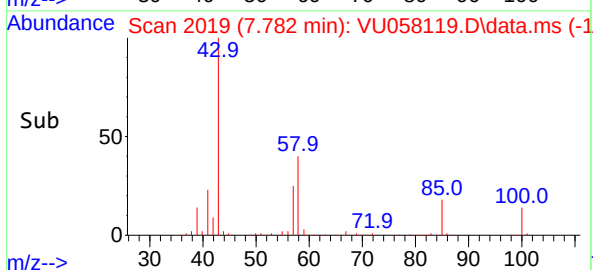
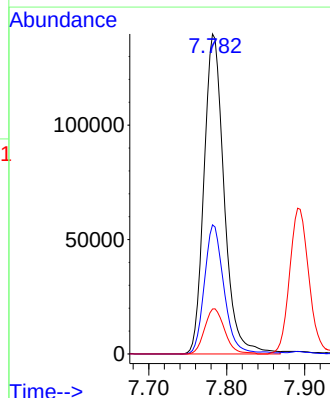
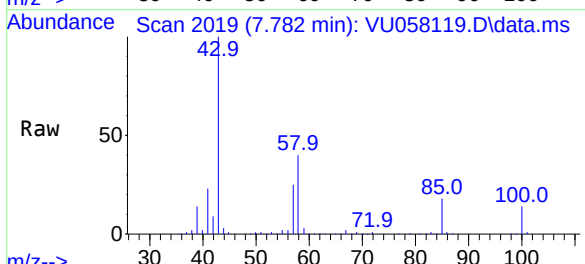
Tgt Ion: 43 Resp: 250801

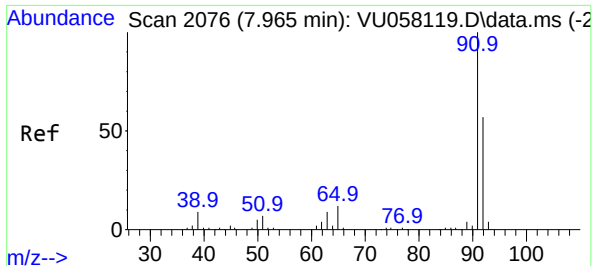
Ion Ratio Lower Upper

43 100

58 39.1 31.7 47.5

100 14.1 11.3 16.9





#42

Toluene

Concen: 5.485 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU058119.D

Acq: 15 Mar 2024 10:45

Instrument :

MSVOA_U

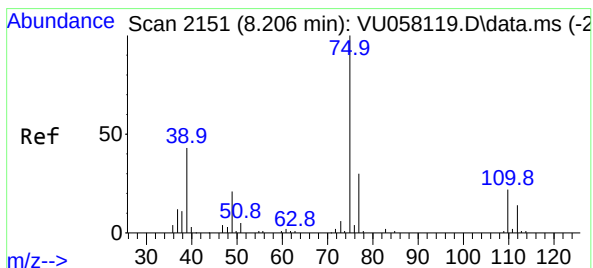
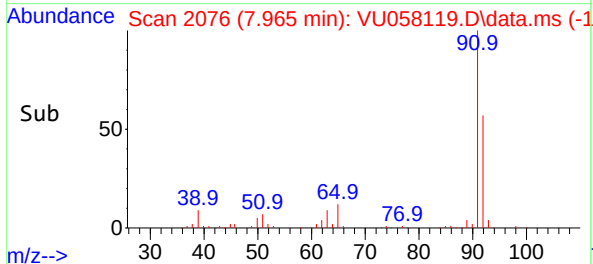
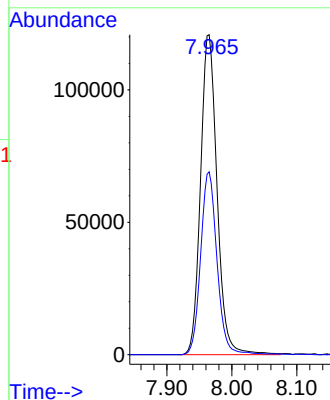
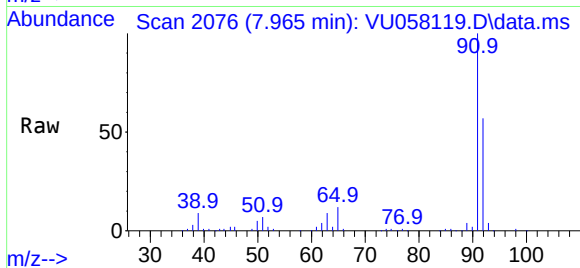
ClientSampleId :

Tgt Ion: 91 Resp: 214553

Ion Ratio Lower Upper

91 100

92 57.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.999 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU058119.D

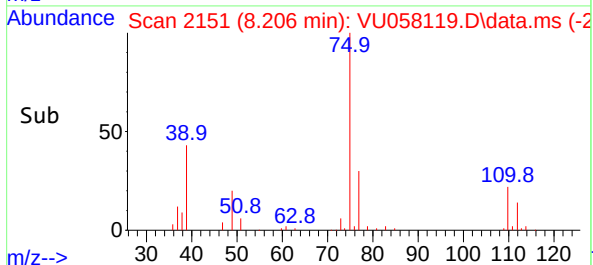
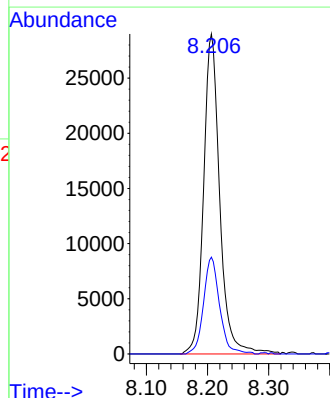
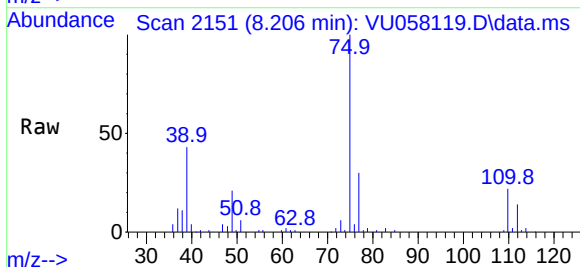
Acq: 15 Mar 2024 10:45

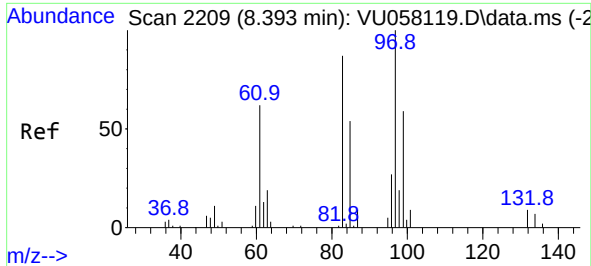
Tgt Ion: 75 Resp: 53162

Ion Ratio Lower Upper

75 100

77 30.2 23.1 42.9



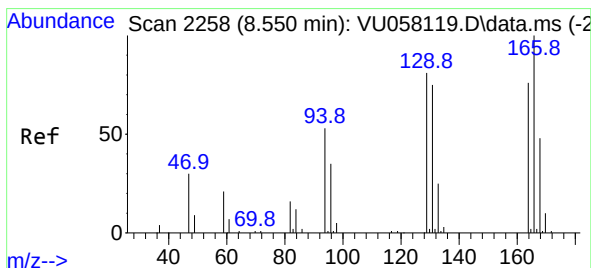
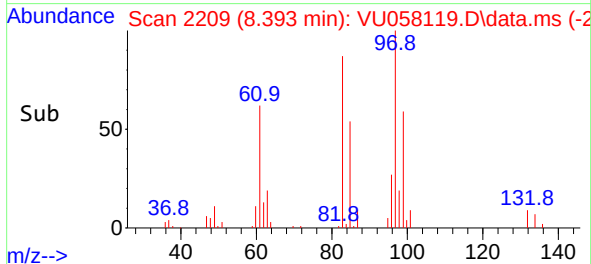
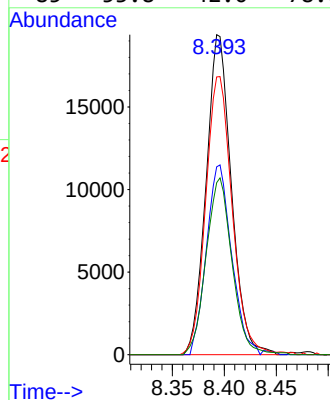
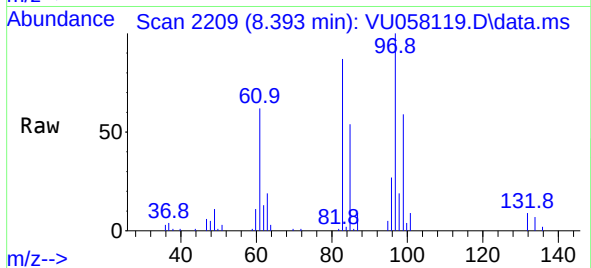


#45
1,1,2-Trichloroethane
Concen: 5.706 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 32771

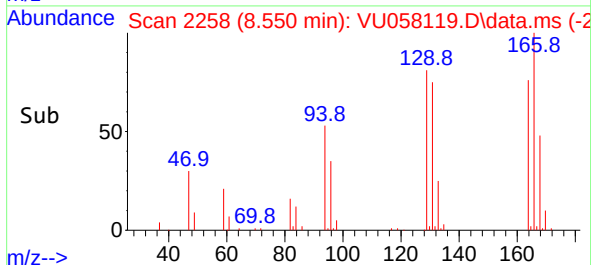
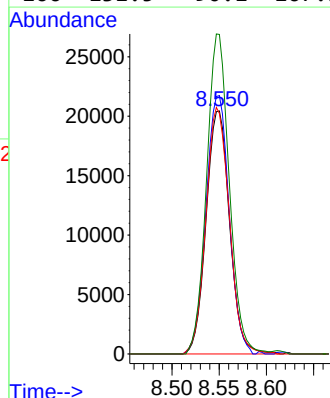
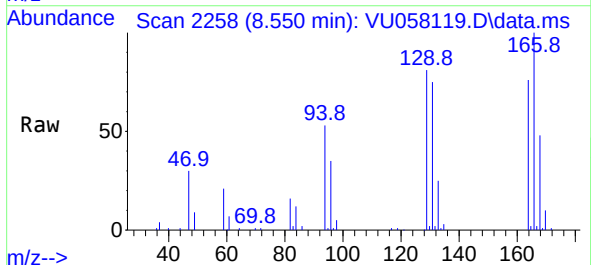
Ion	Ratio	Lower	Upper
97	100		
99	58.7	44.2	82.2
83	86.8	64.2	119.2
85	53.8	42.0	78.0

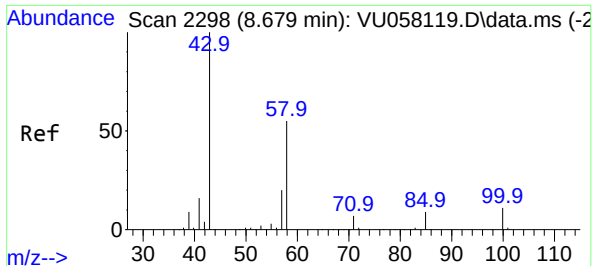


#47
Tetrachloroethene
Concen: 5.148 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion: 164 Resp: 35300

Ion	Ratio	Lower	Upper
164	100		
129	106.3	69.3	128.7
131	98.9	69.9	129.9
166	131.5	90.1	167.3

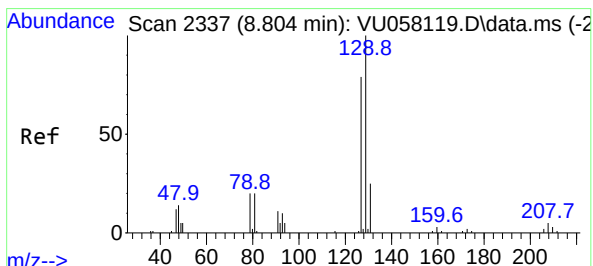
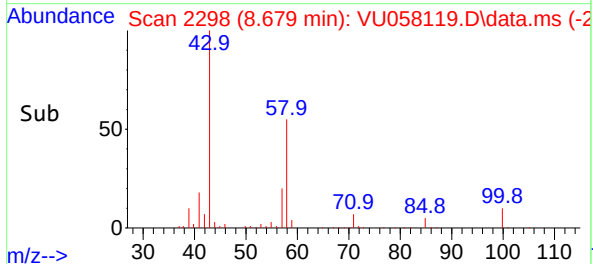
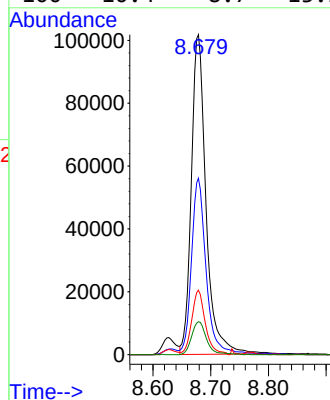
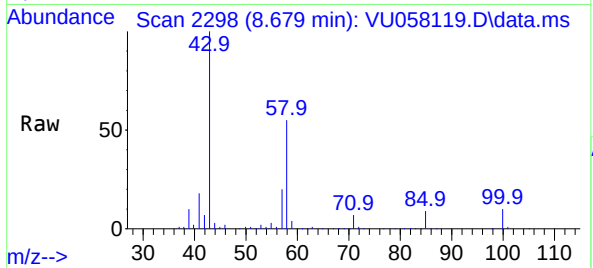




#48
2-Hexanone
Concen: 55.317 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

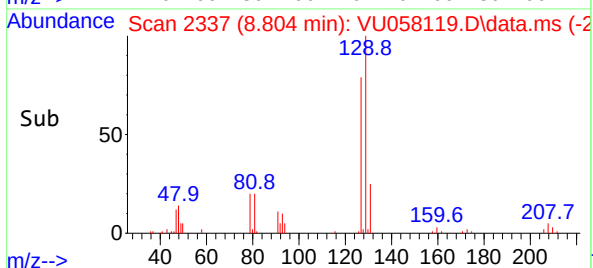
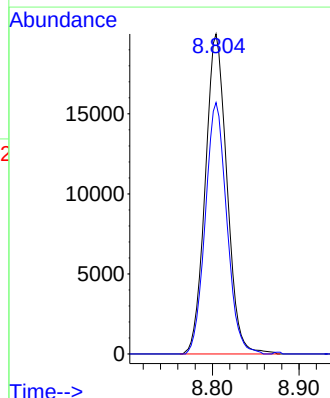
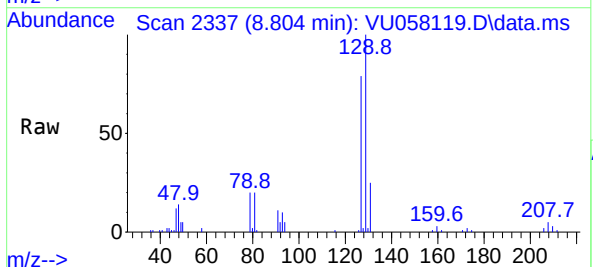
Instrument :
MSVOA_U
ClientSampleId :

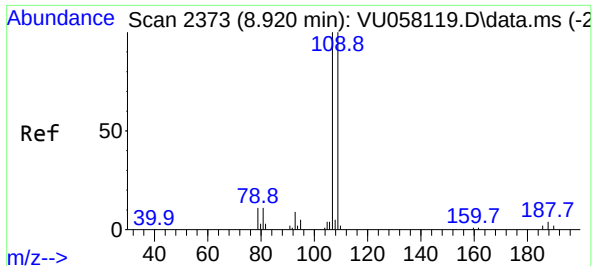
Tgt Ion: 43 Resp: 180750
Ion Ratio Lower Upper
43 100
58 54.2 43.3 64.9
57 18.7 15.2 22.8
100 10.4 8.7 13.1



#49
Dibromochloromethane
Concen: 5.111 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

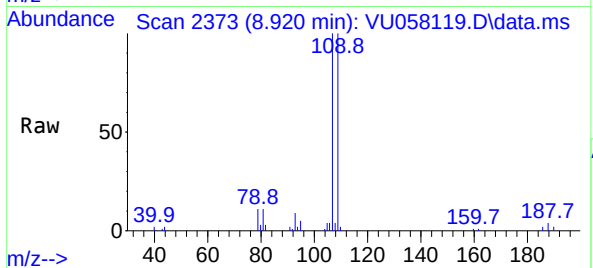
Tgt Ion:129 Resp: 34747
Ion Ratio Lower Upper
129 100
127 78.5 55.2 102.6



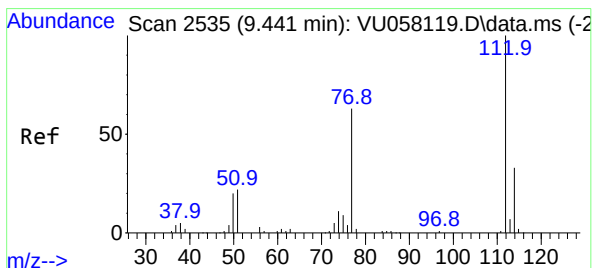
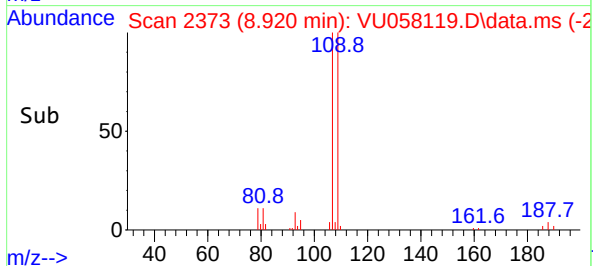
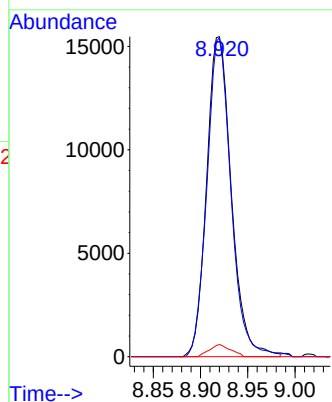


#50
1,2-Dibromoethane
Concen: 5.521 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Instrument :
MSVOA_U
ClientSampleId :

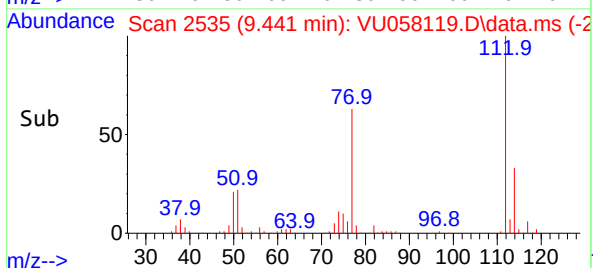
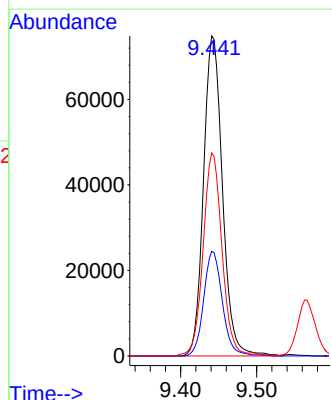
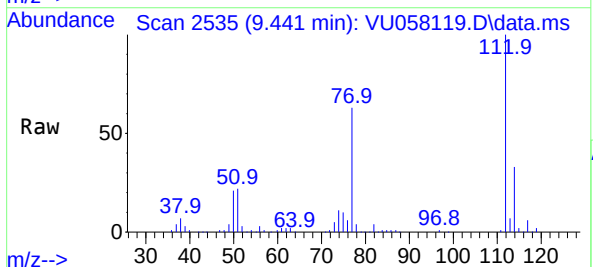


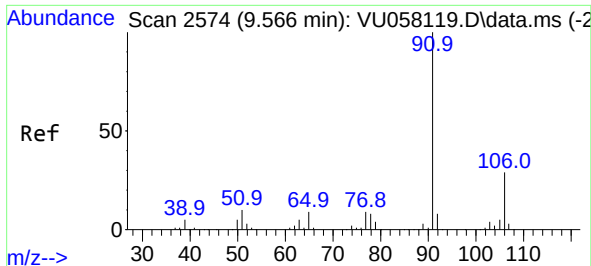
Tgt Ion:107 Resp: 28139
Ion Ratio Lower Upper
107 100
109 99.7 67.8 125.8
188 3.8 2.4 3.6#



#51
Chlorobenzene
Concen: 5.290 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion:112 Resp: 129772
Ion Ratio Lower Upper
112 100
114 32.7 22.7 42.1
77 63.5 52.3 78.5

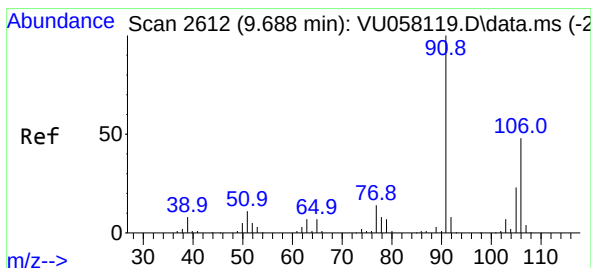
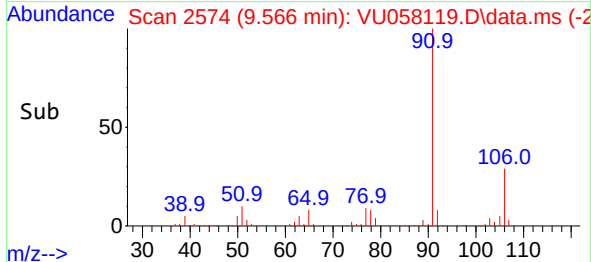
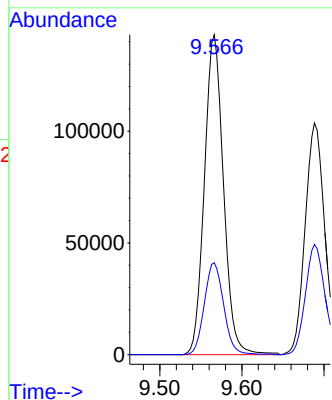
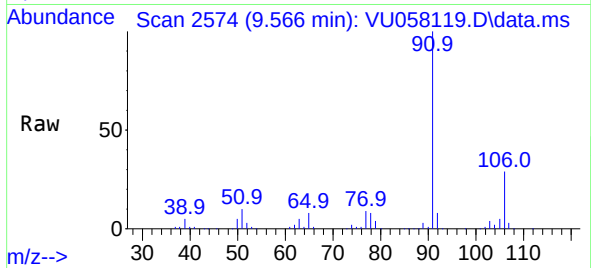




#52
Ethylbenzene
Concen: 5.285 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

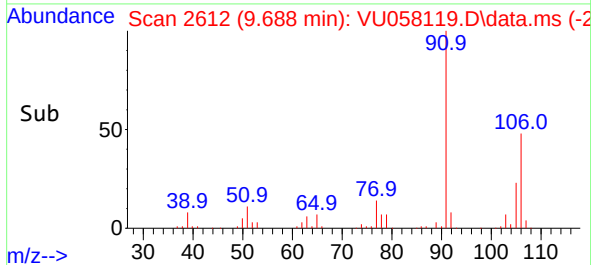
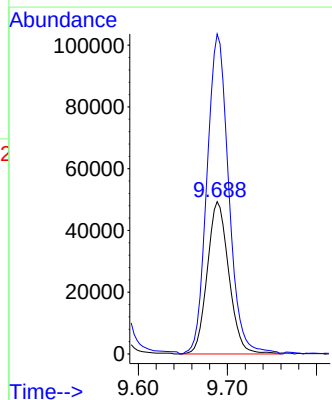
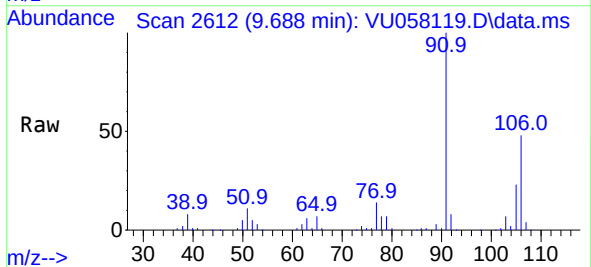
Instrument :
MSVOA_U
ClientSampleId :

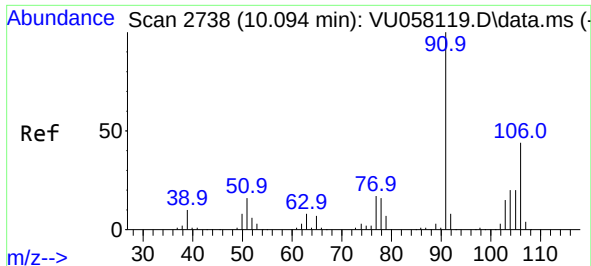
Tgt Ion: 91 Resp: 231349
Ion Ratio Lower Upper
91 100
106 28.8 20.9 38.7



#53
m,p-Xylene
Concen: 5.298 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion:106 Resp: 82859
Ion Ratio Lower Upper
106 100
91 210.0 148.8 276.4

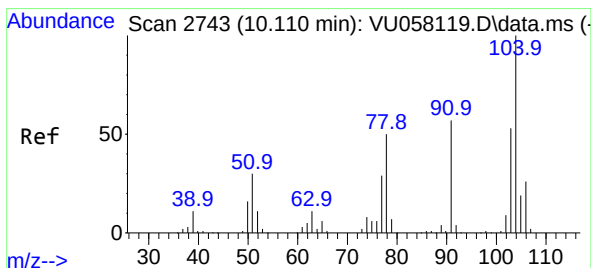
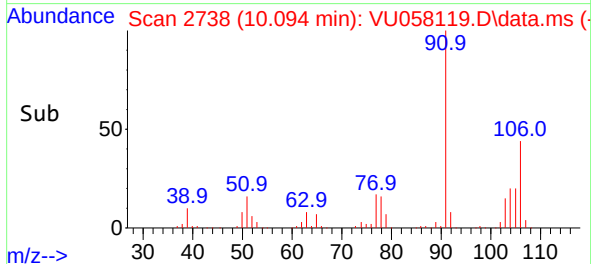
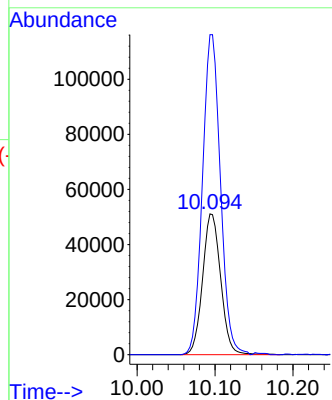
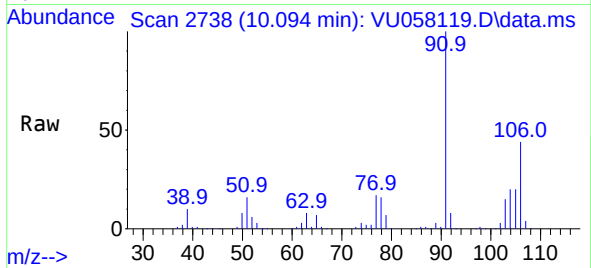




#54
o-Xylene
Concen: 5.290 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

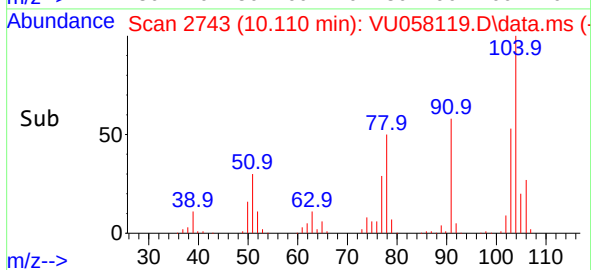
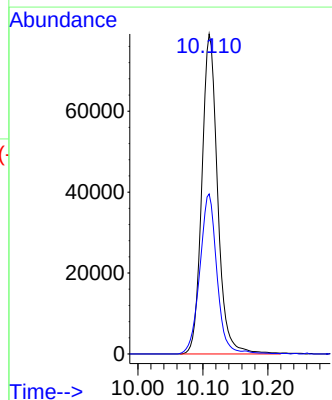
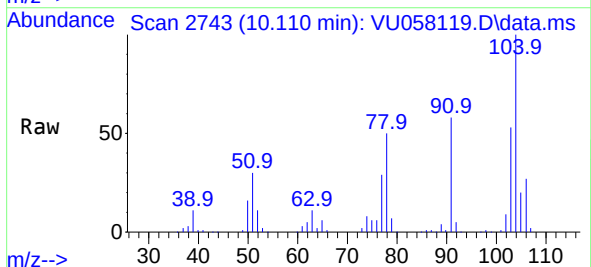
Instrument :
MSVOA_U
ClientSampleId :

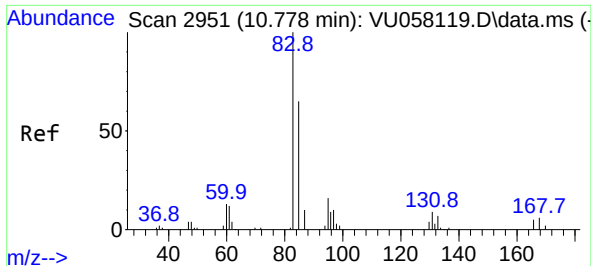
Tgt Ion:106 Resp: 82454
Ion Ratio Lower Upper
106 100
91 227.1 158.3 294.1



#55
Styrene
Concen: 5.477 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion:104 Resp: 133983
Ion Ratio Lower Upper
104 100
78 50.0 34.2 63.4



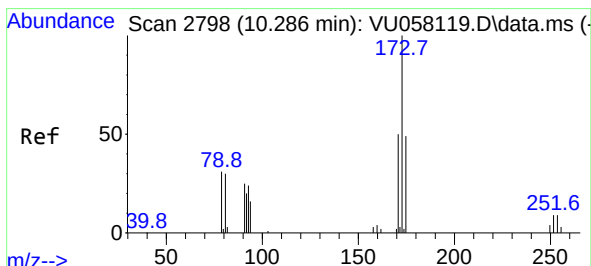
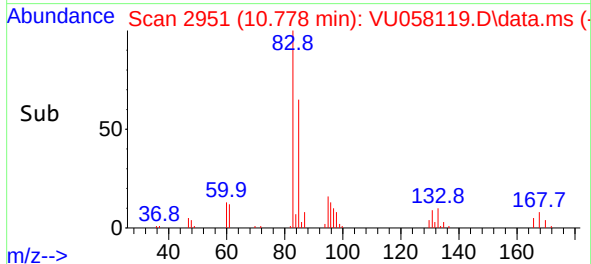
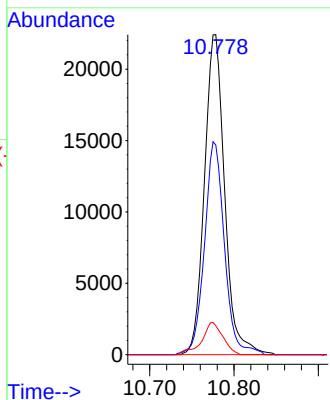
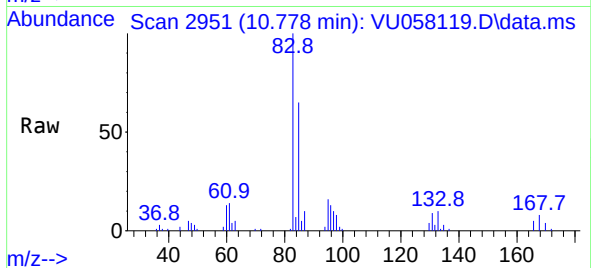


#57
1,1,2,2-Tetrachloroethane
Concen: 5.537 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 37457

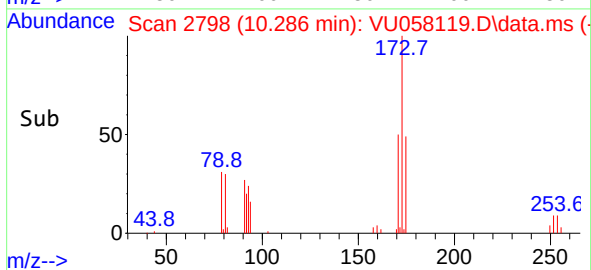
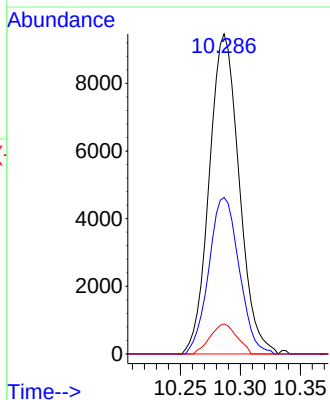
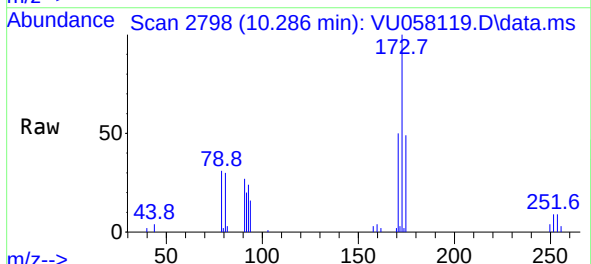
Ion	Ratio	Lower	Upper
83	100		
85	65.5	44.0	81.6
131	9.1	6.9	10.3

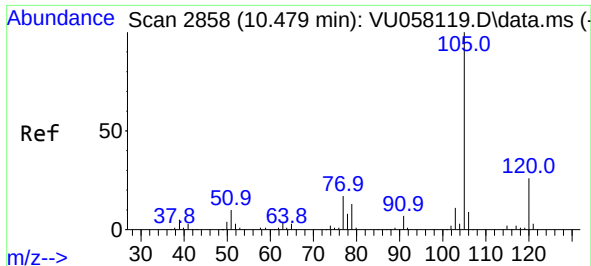


#59
Bromoform
Concen: 5.140 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion: 173 Resp: 16388

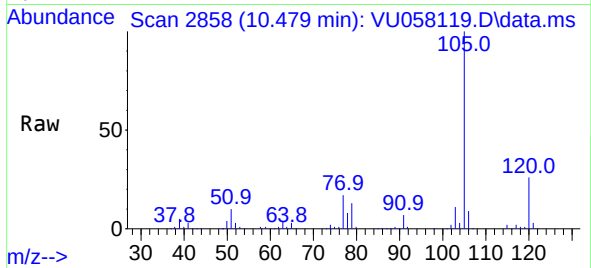
Ion	Ratio	Lower	Upper
173	100		
175	49.6	38.6	57.8
254	8.3	7.3	10.9



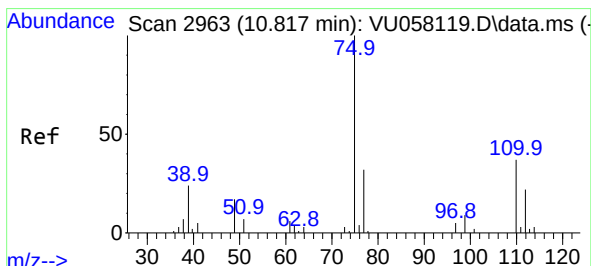
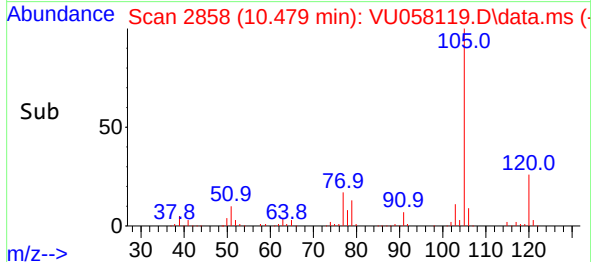
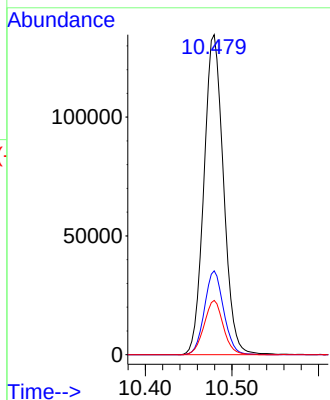


#60
Isopropylbenzene
Concen: 5.554 ug/L
RT: 10.479 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Instrument :
MSVOA_U
ClientSampleId :

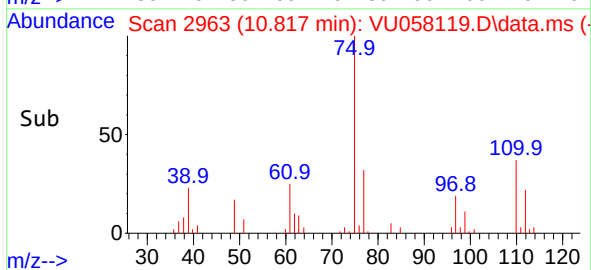
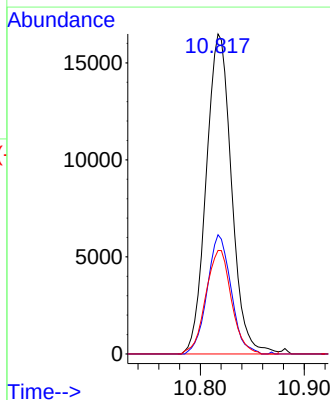
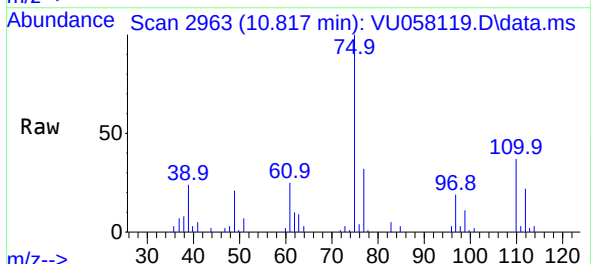


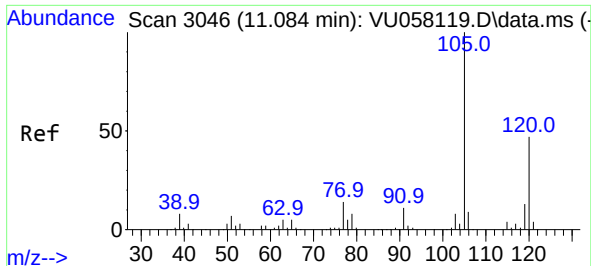
Tgt Ion:105 Resp: 211451
Ion Ratio Lower Upper
105 100
120 25.7 20.4 30.6
77 16.7 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.957 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion: 75 Resp: 27893
Ion Ratio Lower Upper
75 100
110 35.0 28.0 42.0
77 32.7 24.7 37.1

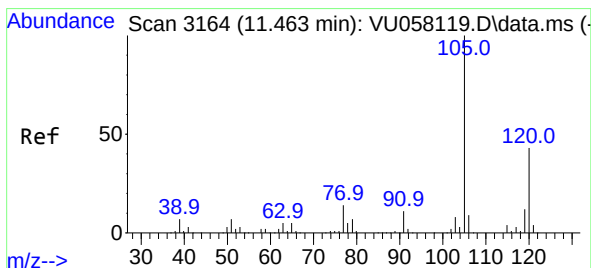
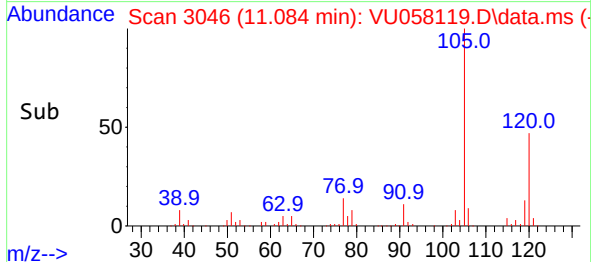
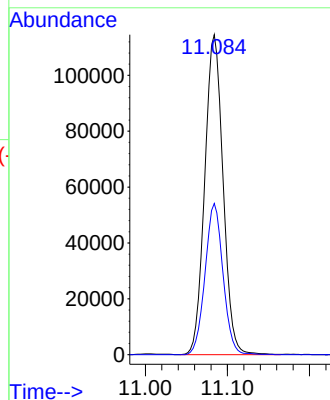
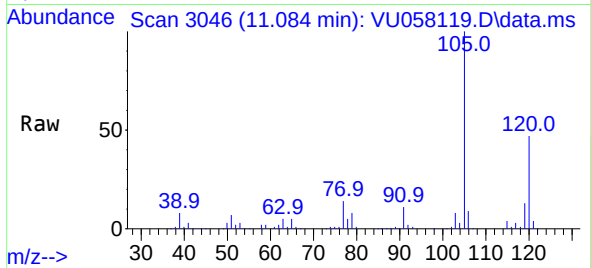




#62
1,3,5-Trimethylbenzene
Concen: 5.531 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

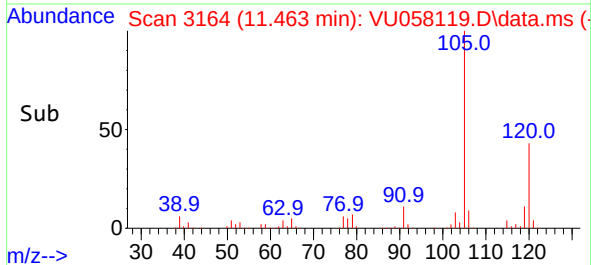
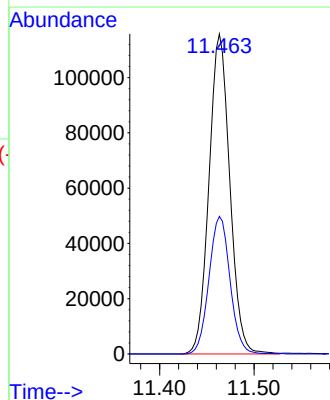
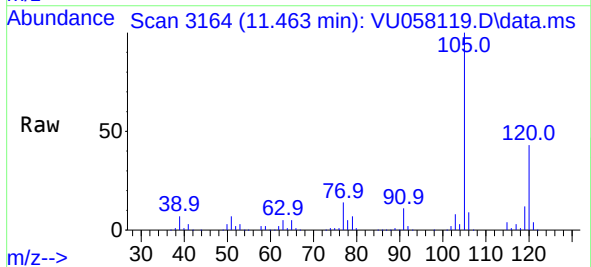
Instrument :
MSVOA_U
ClientSampleId :

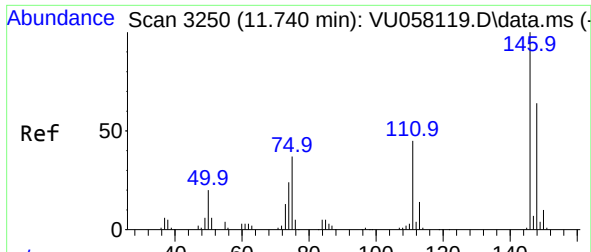
Tgt Ion:105 Resp: 177593
Ion Ratio Lower Upper
105 100
120 46.3 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 5.584 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion:105 Resp: 176981
Ion Ratio Lower Upper
105 100
120 43.5 34.8 52.2

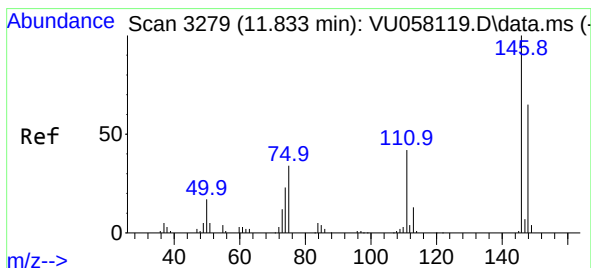
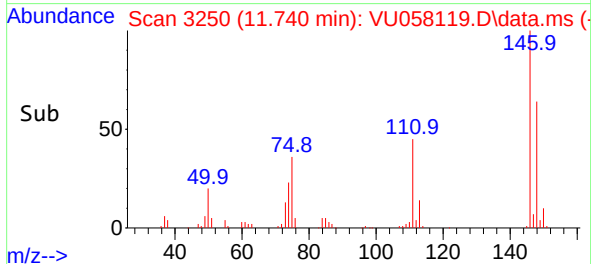
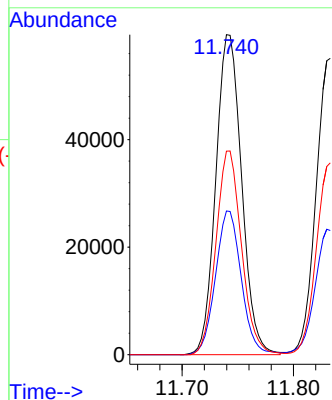
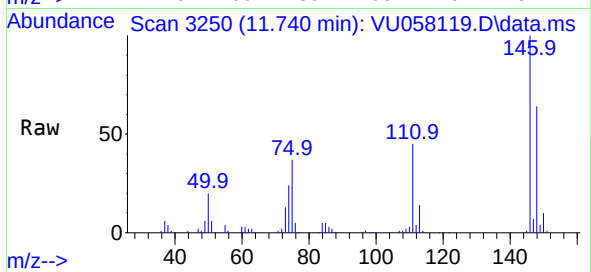




#64
1,3-Dichlorobenzene
Concen: 5.544 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

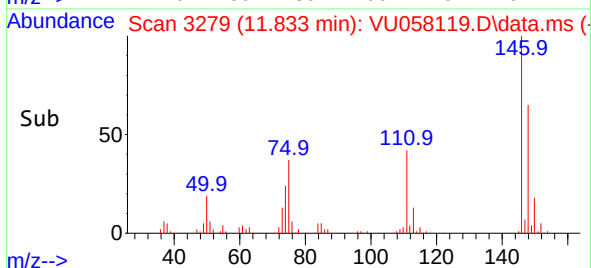
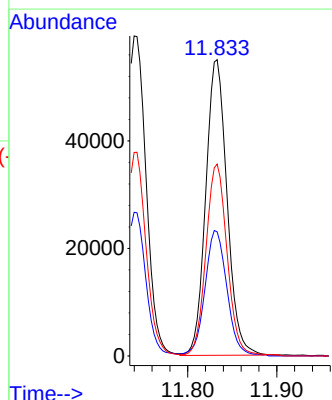
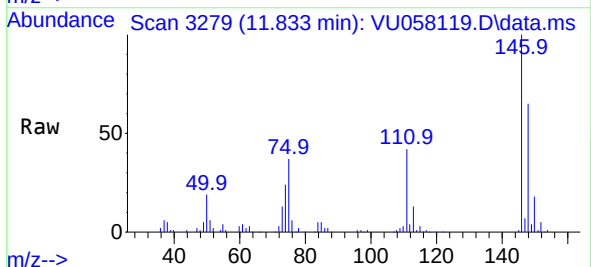
Instrument :
MSVOA_U
ClientSampleId :

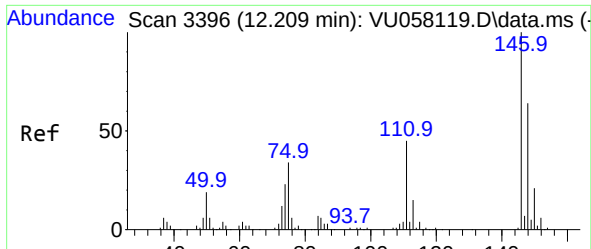
Tgt Ion:146 Resp: 95943
Ion Ratio Lower Upper
146 100
111 44.9 30.9 57.5
148 63.6 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.399 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

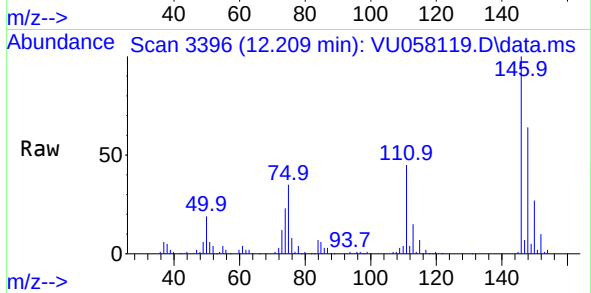
Tgt Ion:146 Resp: 91450
Ion Ratio Lower Upper
146 100
111 41.9 30.1 55.9
148 64.7 45.0 83.6



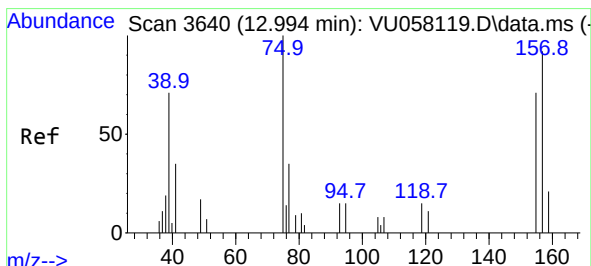
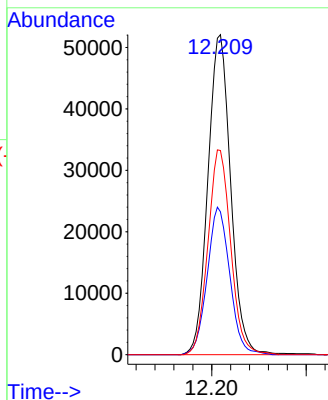
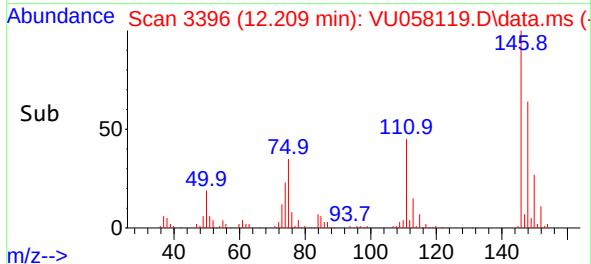


#67
1,2-Dichlorobenzene
Concen: 5.758 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Instrument :
MSVOA_U
ClientSampleId :

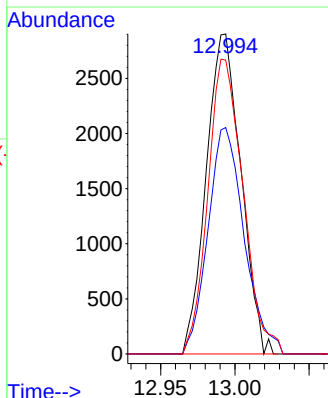
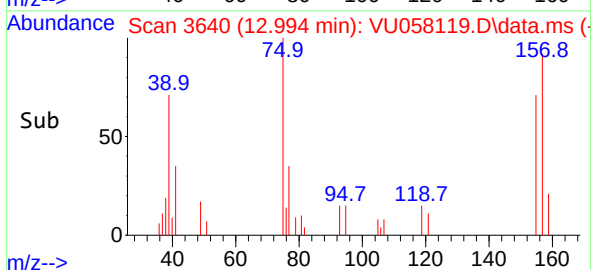
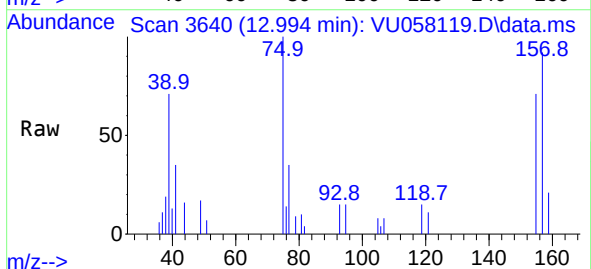


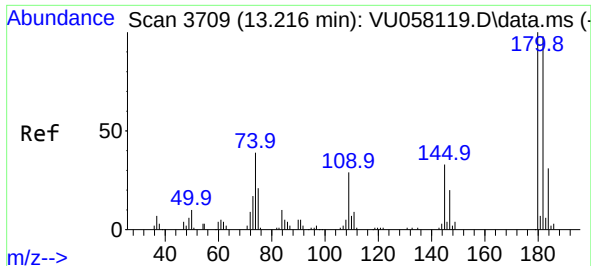
Tgt Ion:146 Resp: 86992
Ion Ratio Lower Upper
146 100
111 44.7 37.4 56.0
148 63.8 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.066 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. 0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

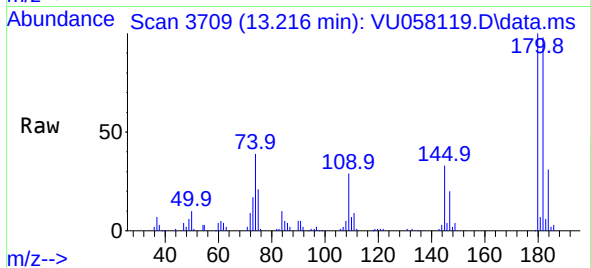
Tgt Ion: 75 Resp: 4707
Ion Ratio Lower Upper
75 100
155 70.8 61.0 91.6
157 91.9 74.6 112.0



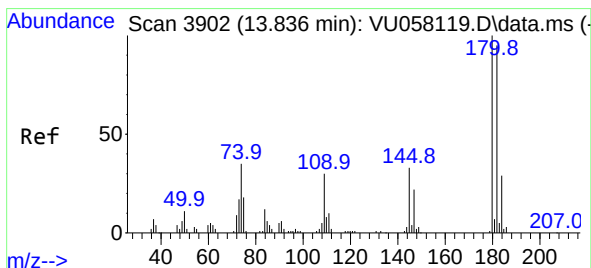
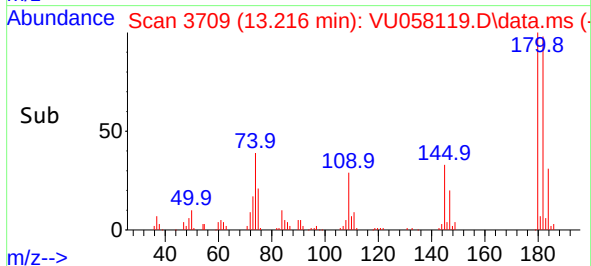
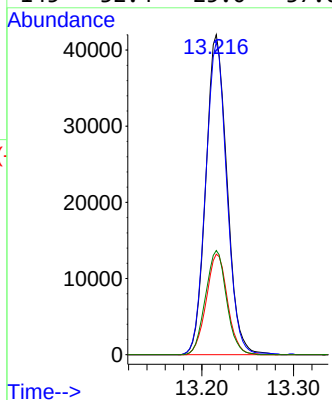


#69
1,3,5-Trichlorobenzene
Concen: 5.416 ug/L
RT: 13.216 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Instrument :
MSVOA_U
ClientSampleId :

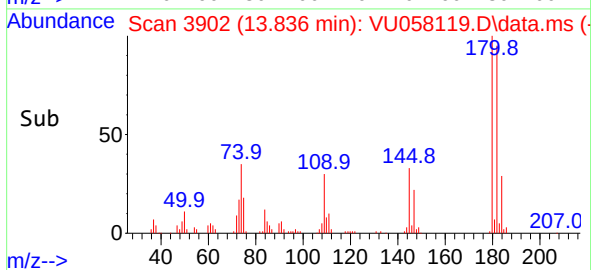
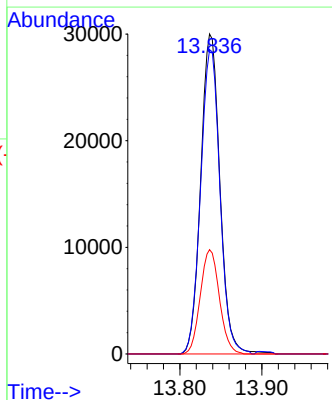
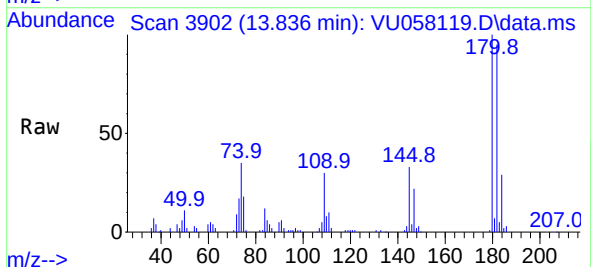


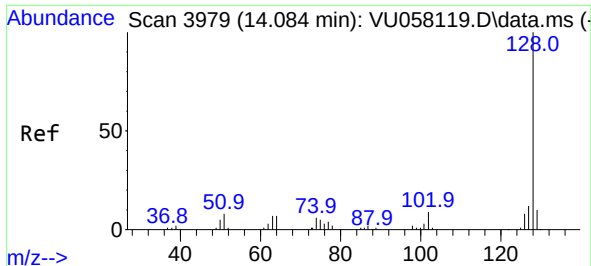
Tgt Ion:180 Resp: 67419
Ion Ratio Lower Upper
180 100
182 97.7 76.3 114.5
184 31.6 24.6 36.8
145 32.4 25.0 37.6



#70
1,2,4-trichlorobenzene
Concen: 5.204 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

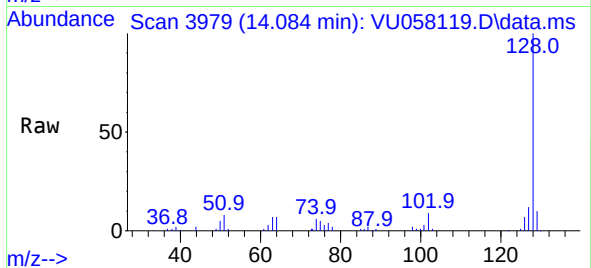
Tgt Ion:180 Resp: 48669
Ion Ratio Lower Upper
180 100
182 95.8 77.9 116.9
145 32.4 25.8 38.8



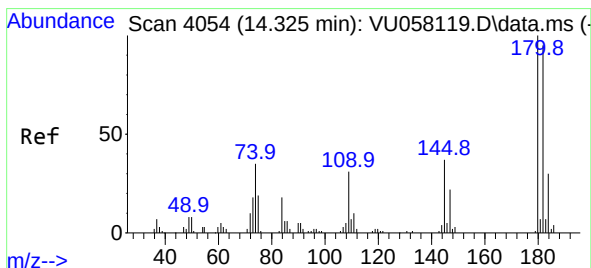
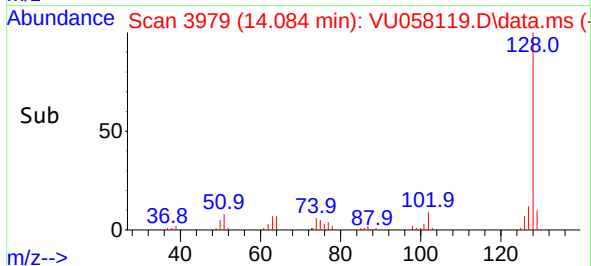
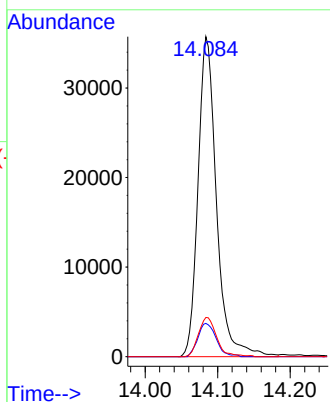


#71
Naphthalene
Concen: 4.940 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 63104
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 12.1 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.385 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU058119.D
Acq: 15 Mar 2024 10:45

Tgt Ion:180 Resp: 39781
Ion Ratio Lower Upper
180 100
182 94.5 77.6 116.4
145 36.2 28.7 43.1

