

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055132.D
 Acq On : 06 Sep 2023 09:24
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 20:39:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188420	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	194386	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	100236	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38813	4.395	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.907	69	45423	4.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.563	65	23375	4.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.627	46	139269	54.346	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.700%
24) Chloroform-d	5.062	84	118118	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.701	65	59813	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.727	84	223639	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.688	67	71744	4.701	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.897	98	204013	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.180	79	16458	3.916	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.630	63	85188	49.927	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.860%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54191	5.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	70175	4.796	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52348	4.781	ug/L	98
3) Chloromethane	1.518	50	54966	4.931	ug/L	99
5) Vinyl chloride	1.599	62	57025	4.849	ug/L	98
6) Bromomethane	1.853	94	29887	4.214	ug/L	98
8) Chloroethane	1.930	64	35910	4.690	ug/L	95
9) Trichlorofluoromethane	2.132	101	82312	4.814	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	46276	4.651	ug/L	99
12) 1,1-Dichloroethene	2.576	96	40500	4.649	ug/L	95
13) Acetone	2.631	43	80235	46.715	ug/L	97
14) Carbon disulfide	2.788	76	99512	4.665	ug/L	99
15) Methyl Acetate	2.952	43	20092	5.715	ug/L	99
16) Methylene chloride	3.042	84	60753	4.564	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	115387	5.051	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	42217	4.777	ug/L	96
19) 1,1-Dichloroethane	3.865	63	93166	4.878	ug/L	97
21) 2-Butanone	4.705	43	125811	49.855	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	51866	4.794	ug/L	96
23) Bromochloromethane	4.971	128	22927	5.153	ug/L	95
25) Chloroform	5.087	83	97130	4.883	ug/L	99

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 20:39:39 2023
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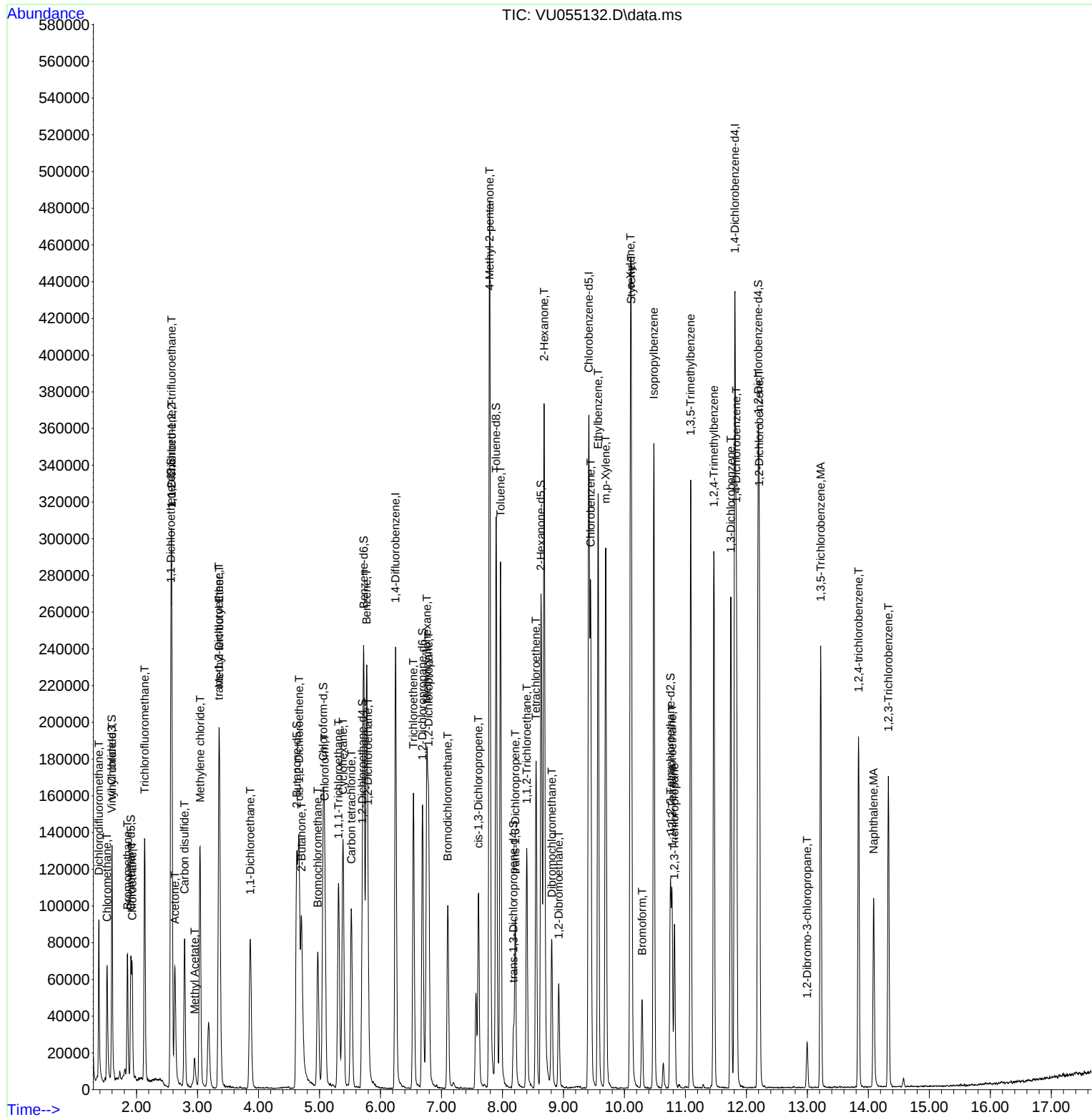
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	62606	5.156	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	79073	4.703	ug/L	99
30) Cyclohexane	5.386	56	65204	4.361	ug/L	99
31) Carbon tetrachloride	5.521	117	63728	4.558	ug/L	97
33) Benzene	5.772	78	196192	4.742	ug/L	100
34) Trichloroethene	6.541	95	54362	4.728	ug/L	96
35) Methylcyclohexane	6.762	83	66136	4.100	ug/L	97
37) 1,2-Dichloropropane	6.788	63	54531	4.841	ug/L	98
38) Bromodichloromethane	7.103	83	66196	4.922	ug/L	99
39) cis-1,3-Dichloropropene	7.608	75	58858	3.842	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	324177	50.456	ug/L	99
42) Toluene	7.968	91	209784	4.756	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	49713	4.134	ug/L	94
45) 1,1,2-Trichloroethane	8.399	97	39979	5.270	ug/L	96
47) Tetrachloroethene	8.550	164	36651	4.612	ug/L	97
48) 2-Hexanone	8.685	43	238810	47.453	ug/L	98
49) Dibromochloromethane	8.811	129	38561	4.656	ug/L	97
50) 1,2-Dibromoethane	8.923	107	35992	5.210	ug/L #	92
51) Chlorobenzene	9.447	112	133156	4.559	ug/L	99
52) Ethylbenzene	9.569	91	224989	4.560	ug/L	99
53) m,p-Xylene	9.695	106	82986	4.545	ug/L	96
54) o-Xylene	10.100	106	81334	4.527	ug/L	91
55) Styrene	10.113	104	133512	4.500	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.782	83	49157	5.202	ug/L	98
59) Bromoform	10.290	173	20765	5.185	ug/L	95
60) Isopropylbenzene	10.483	105	218836	4.682	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	34710	5.218	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	181613	4.671	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	163540	4.268	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	102535	4.570	ug/L	100
65) 1,4-Dichlorobenzene	11.836	146	101314	4.530	ug/L	98
67) 1,2-Dichlorobenzene	12.212	146	98156	4.666	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	6612	5.160	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.219	180	67854	4.002	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	53214	3.347	ug/L	97
71) Naphthalene	14.087	128	83720	2.897	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	47659	3.453	ug/L	98

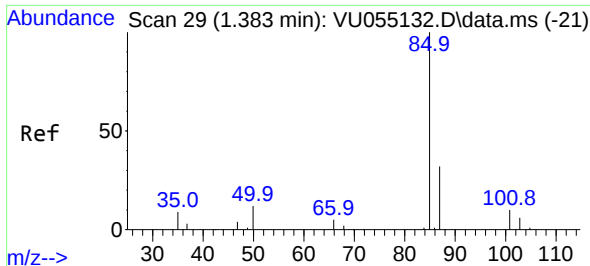
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VU055132.D
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

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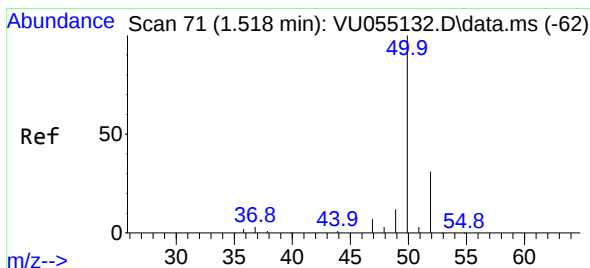
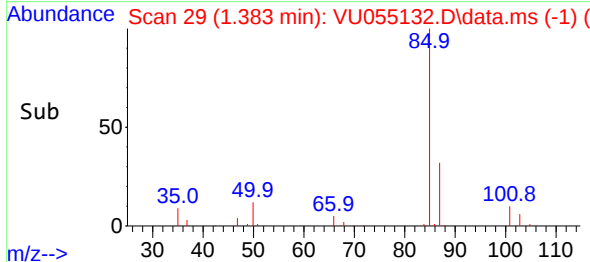
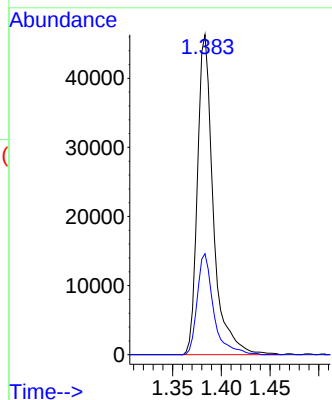
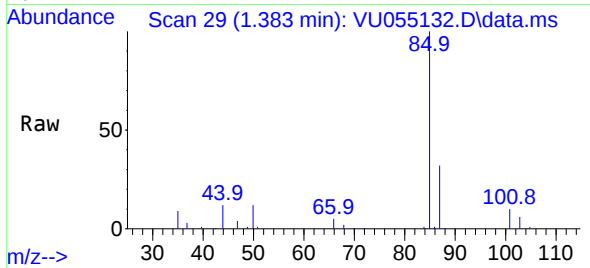




#2
Dichlorodifluoromethane
Concen: 4.781 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

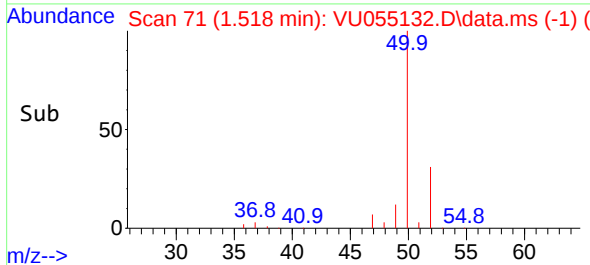
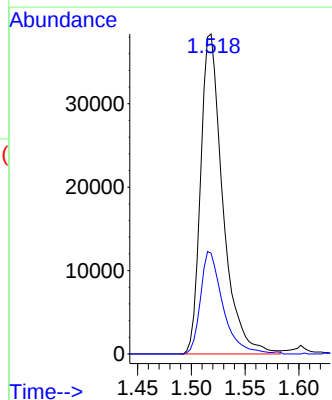
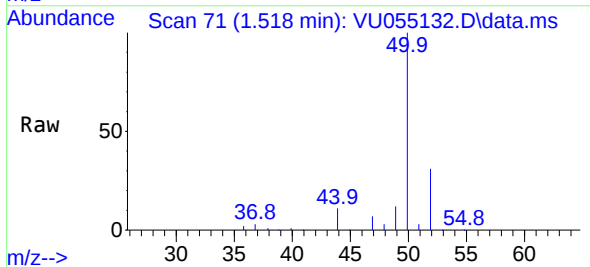
Instrument :
MSVOA_U
ClientSampleId :

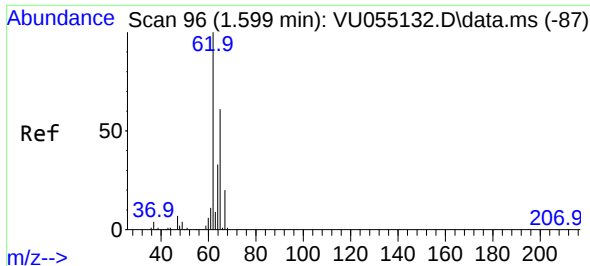
Tgt Ion: 85 Resp: 52348
Ion Ratio Lower Upper
85 100
87 32.6 25.1 37.7



#3
Chloromethane
Concen: 4.931 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion: 50 Resp: 54966
Ion Ratio Lower Upper
50 100
52 31.5 22.5 41.7

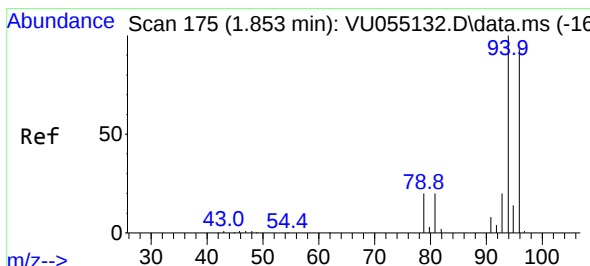
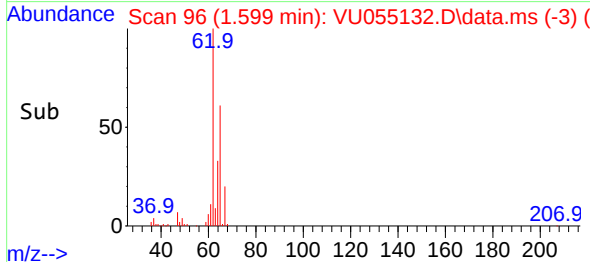
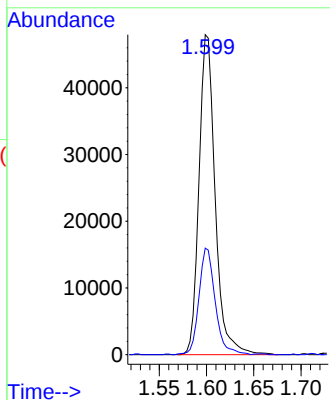
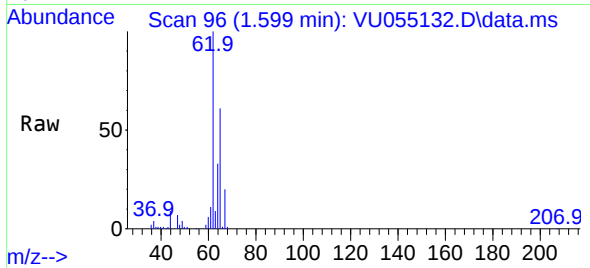




#5
 Vinyl chloride
 Concen: 4.849 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU055132.D
 Acq: 06 Sep 2023 09:24

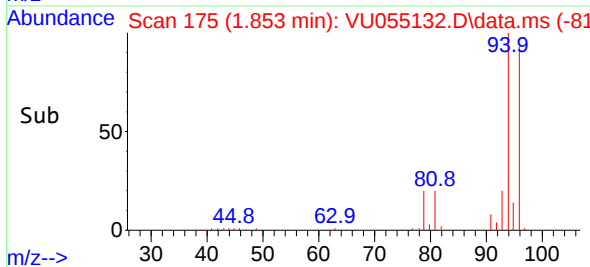
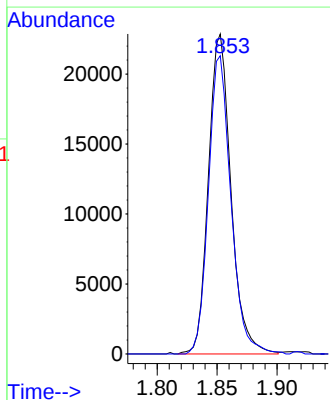
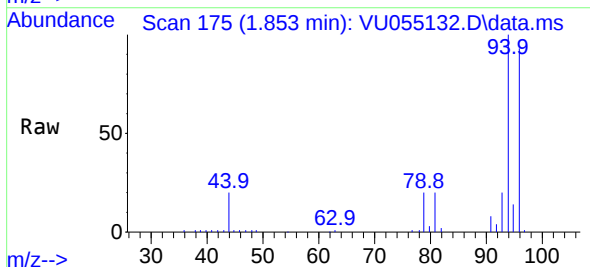
Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 62 Resp: 57025
 Ion Ratio Lower Upper
 62 100
 64 33.3 24.2 45.0

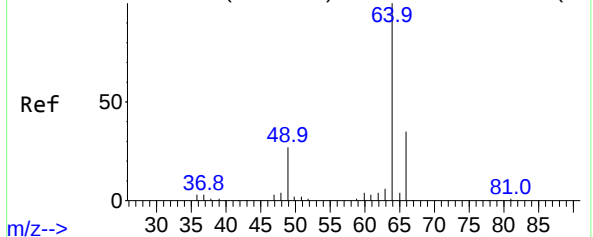


#6
 Bromomethane
 Concen: 4.214 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.003 min
 Lab File: VU055132.D
 Acq: 06 Sep 2023 09:24

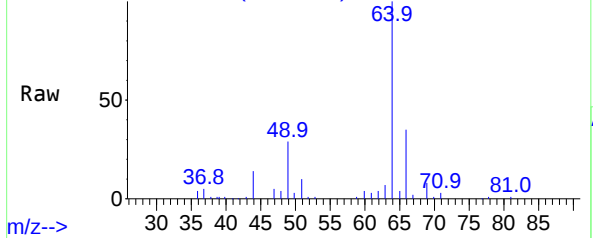
Tgt Ion: 94 Resp: 29887
 Ion Ratio Lower Upper
 94 100
 96 93.2 63.8 118.4



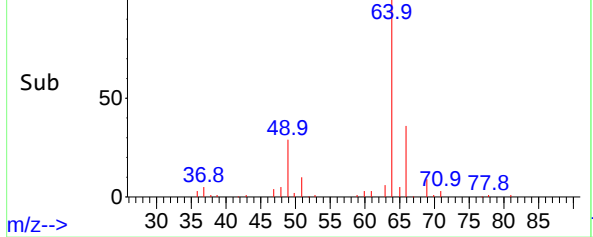
Abundance Scan 199 (1.930 min): VU055132.D\data.ms (-18



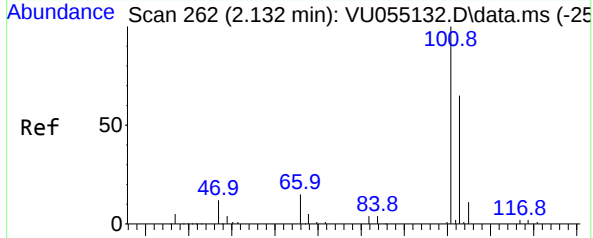
m/z--> Abundance Scan 199 (1.930 min): VU055132.D\data.ms



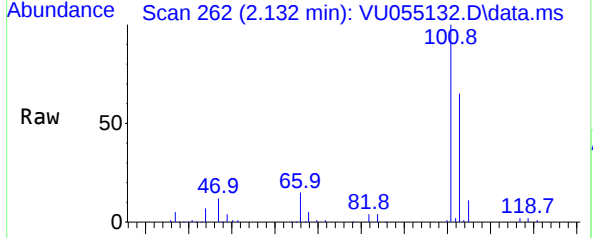
m/z--> Abundance Scan 199 (1.930 min): VU055132.D\data.ms (-10



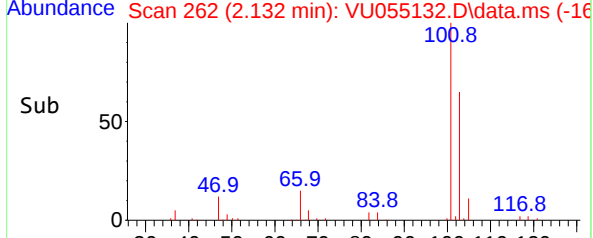
m/z--> Abundance Scan 262 (2.132 min): VU055132.D\data.ms (-25



m/z--> Abundance Scan 262 (2.132 min): VU055132.D\data.ms



m/z--> Abundance Scan 262 (2.132 min): VU055132.D\data.ms (-16



m/z--> Abundance

#8

Chloroethane

Concen: 4.690 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.003 min

Lab File: VU055132.D

Acq: 06 Sep 2023 09:24

Instrument :

MSVOA_U

ClientSampleId :

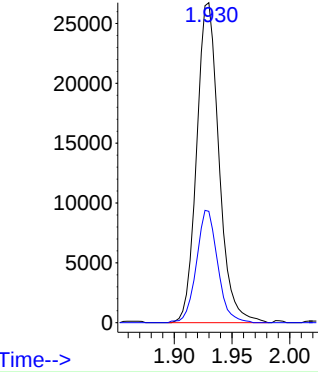
Tgt Ion: 64 Resp: 35910

Ion Ratio Lower Upper

64 100

66 34.8 22.4 41.6

Abundance



Time-->

#9

Trichlorofluoromethane

Concen: 4.814 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU055132.D

Acq: 06 Sep 2023 09:24

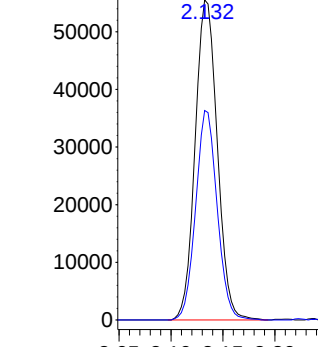
Tgt Ion:101 Resp: 82312

Ion Ratio Lower Upper

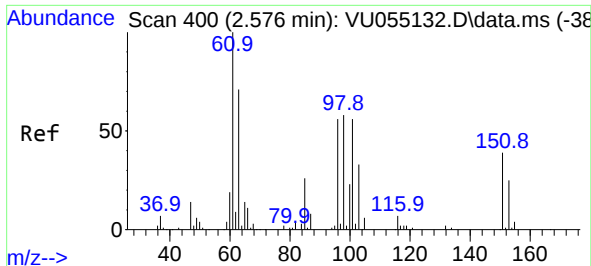
101 100

103 63.5 51.9 77.9

Abundance



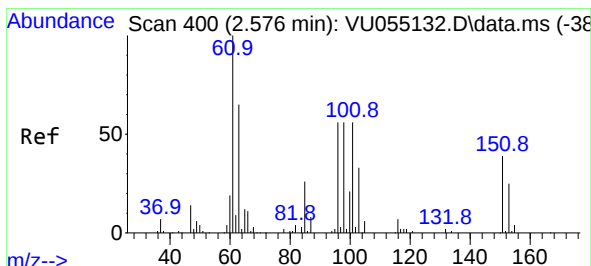
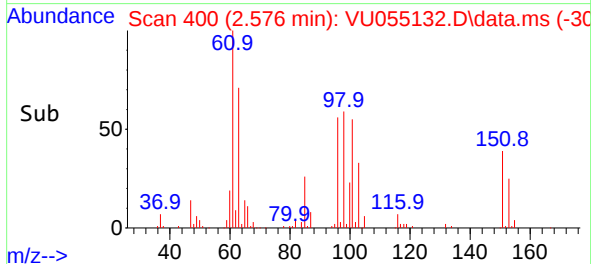
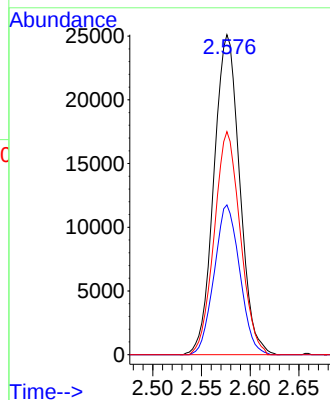
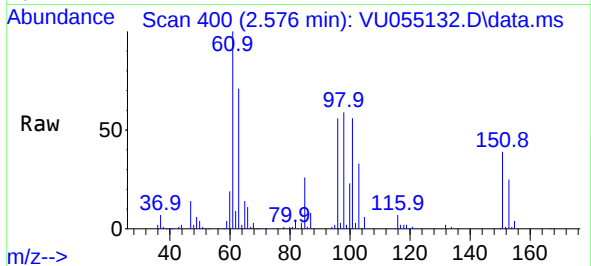
Time-->



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.651 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

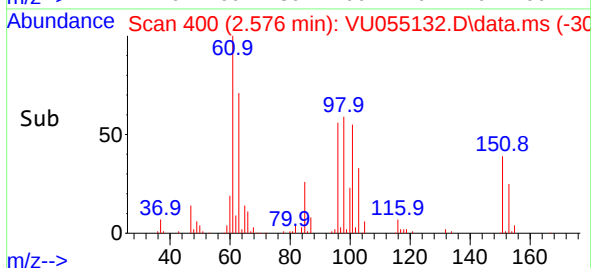
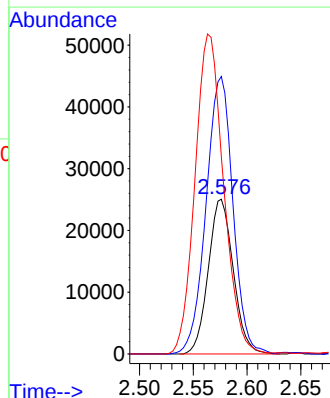
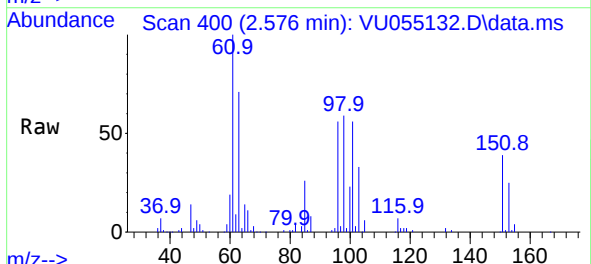
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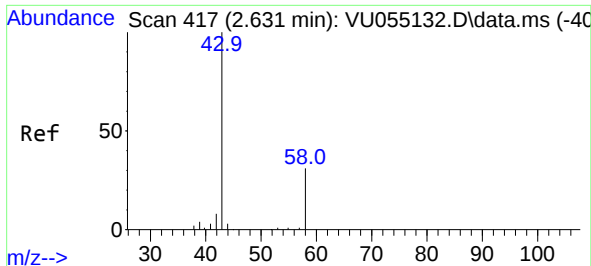
Tgt Ion:101 Resp: 46276
Ion Ratio Lower Upper
101 100
85 46.3 37.3 55.9
151 70.3 57.6 86.4



#12
1,1-Dichloroethene
Concen: 4.649 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion: 96 Resp: 40500
Ion Ratio Lower Upper
96 100
61 179.3 120.8 224.4
63 127.7 94.5 175.5





#13

Acetone

Concen: 46.715 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.000 min

Lab File: VU055132.D

Acq: 06 Sep 2023 09:24

Instrument :

MSVOA_U

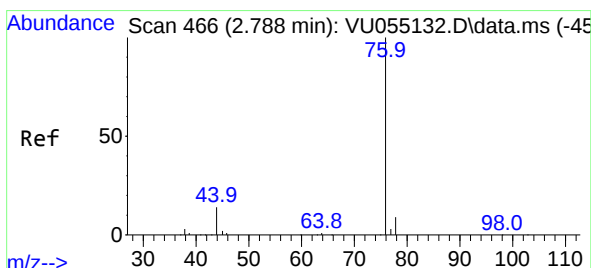
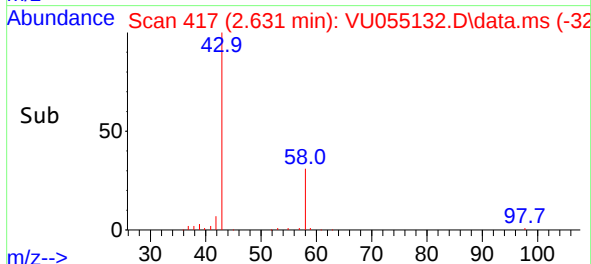
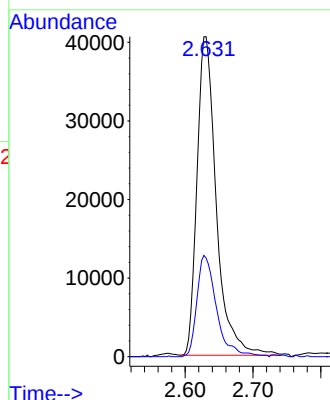
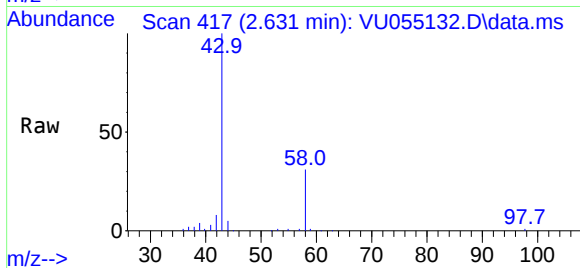
ClientSampleId :

Tgt Ion: 43 Resp: 80235

Ion Ratio Lower Upper

43 100

58 32.3 0.0 67.8



#14

Carbon disulfide

Concen: 4.665 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU055132.D

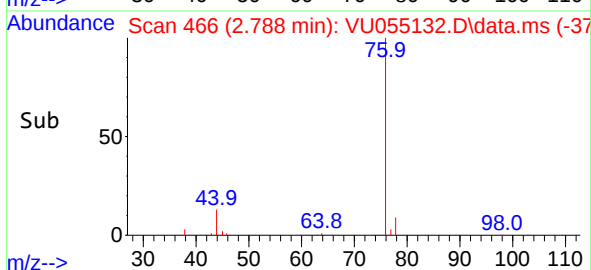
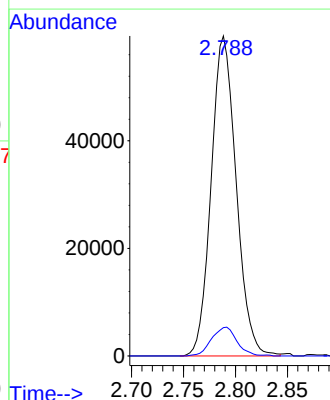
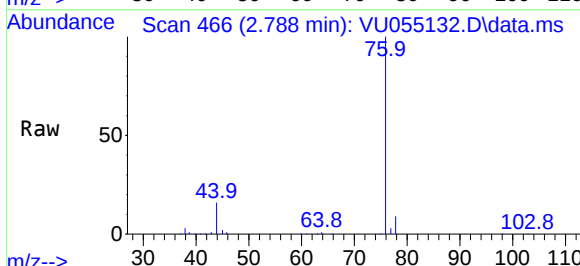
Acq: 06 Sep 2023 09:24

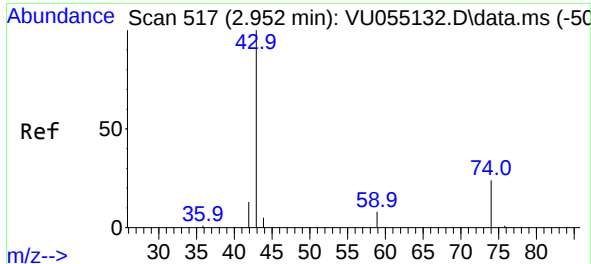
Tgt Ion: 76 Resp: 99512

Ion Ratio Lower Upper

76 100

78 8.9 6.8 10.2

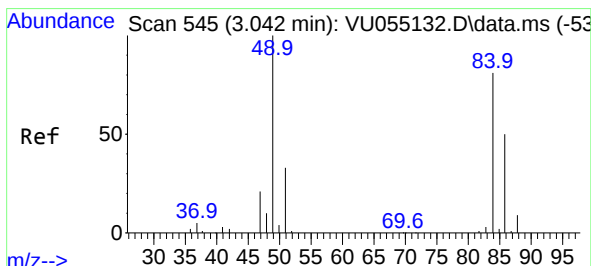
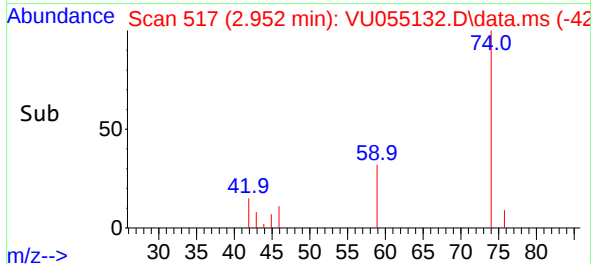
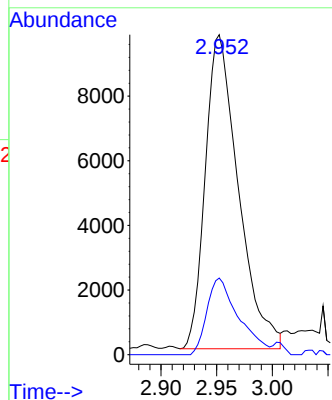
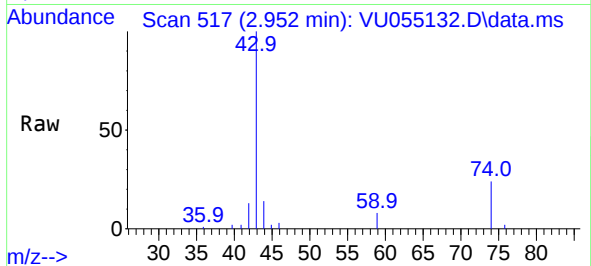




#15
Methyl Acetate
Concen: 5.715 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

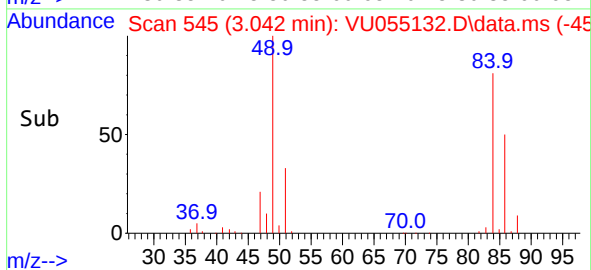
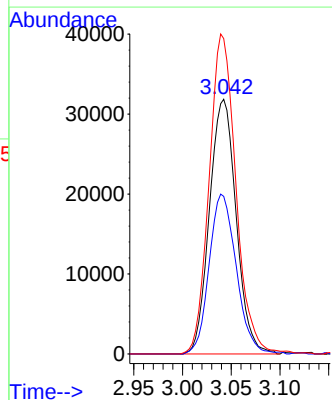
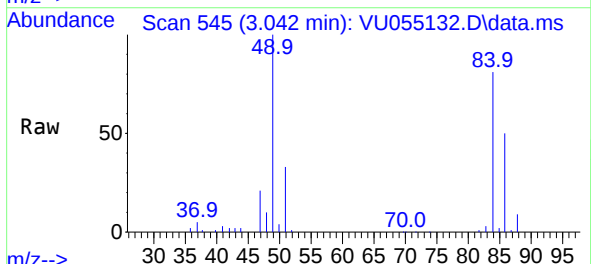
Instrument :
MSVOA_U
ClientSampleId :

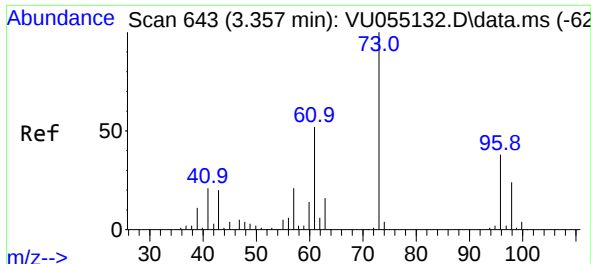
Tgt Ion: 43 Resp: 20092
Ion Ratio Lower Upper
43 100
74 23.4 18.4 27.6



#16
Methylene chloride
Concen: 4.564 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

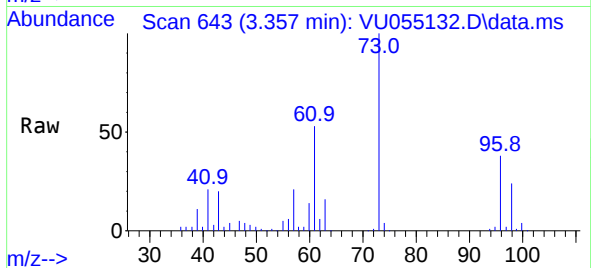
Tgt Ion: 84 Resp: 60753
Ion Ratio Lower Upper
84 100
86 61.9 43.4 80.6
49 123.8 87.7 162.9



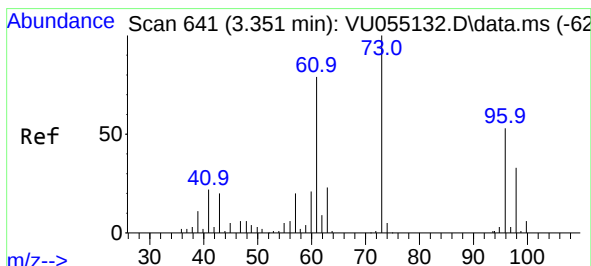
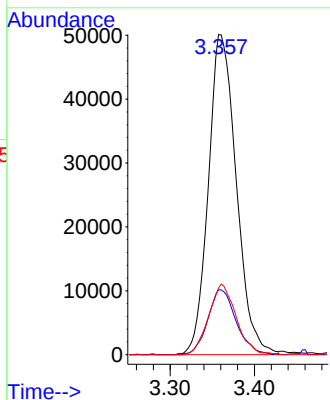
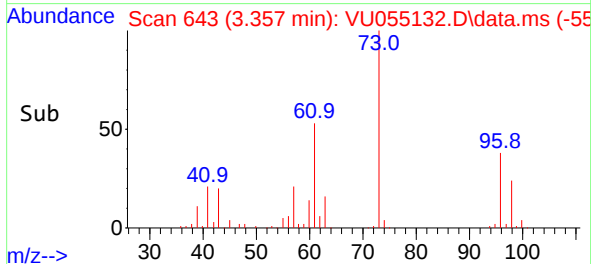


#17
Methyl tert-butyl Ether
Concen: 5.051 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.006 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

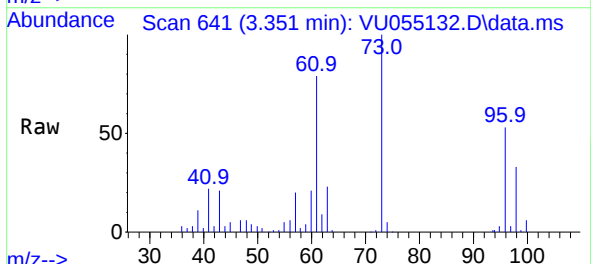
Instrument :
MSVOA_U
ClientSampleId :



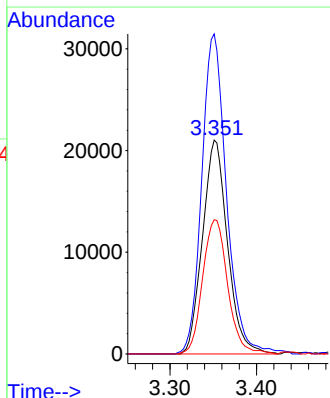
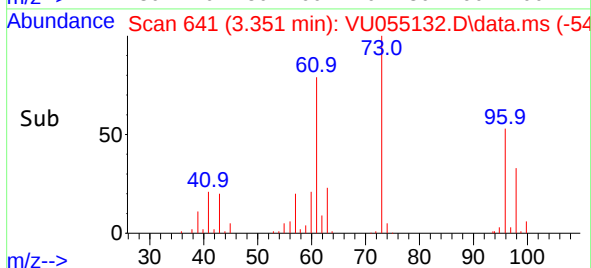
Tgt Ion: 73 Resp: 115387
Ion Ratio Lower Upper
73 100
43 20.7 16.2 24.2
57 21.7 17.4 26.2

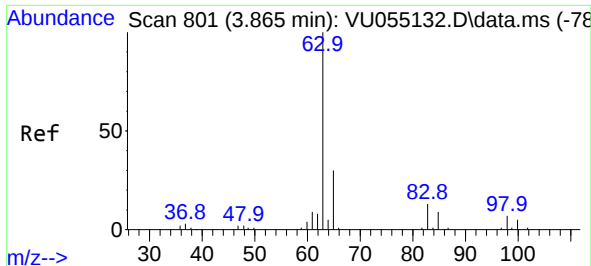


#18
trans-1,2-Dichloroethene
Concen: 4.777 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24



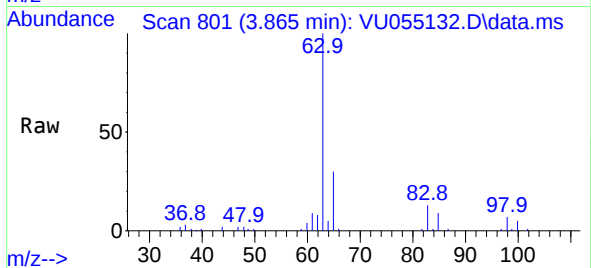
Tgt Ion: 96 Resp: 42217
Ion Ratio Lower Upper
96 100
61 149.5 108.1 200.9
98 62.8 45.4 84.4



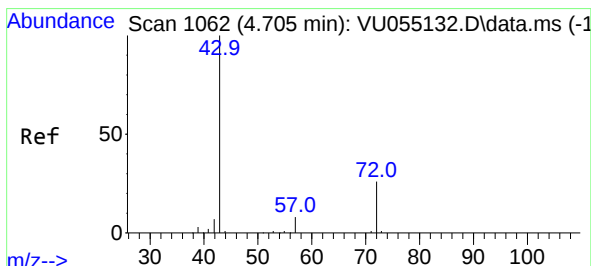
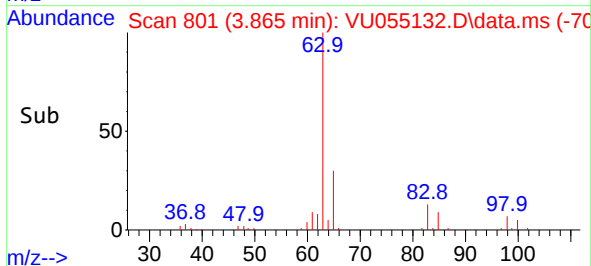
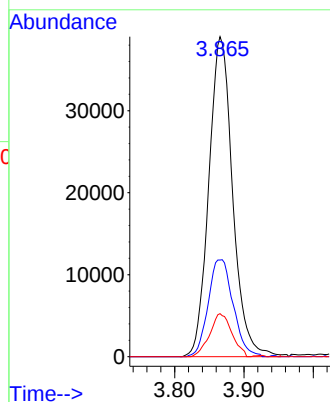


#19
1,1-Dichloroethane
Concen: 4.878 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Instrument :
MSVOA_U
ClientSampleId :

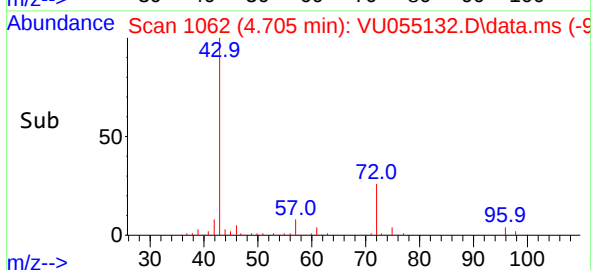
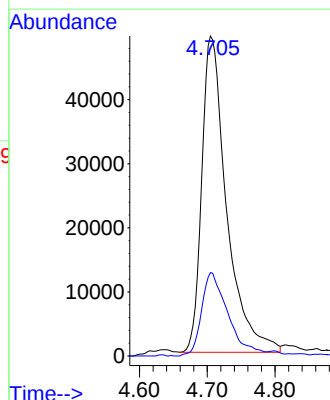
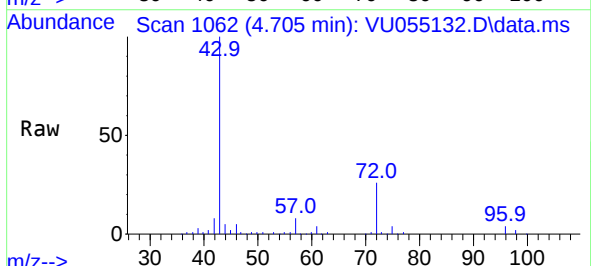


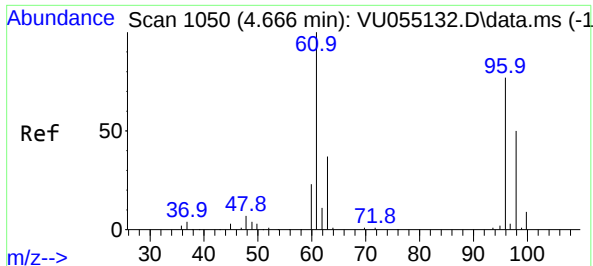
Tgt Ion: 63 Resp: 93166
Ion Ratio Lower Upper
63 100
65 30.2 22.2 41.2
83 13.4 10.6 19.8



#21
2-Butanone
Concen: 49.855 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion: 43 Resp: 125811
Ion Ratio Lower Upper
43 100
72 28.1 13.5 40.5

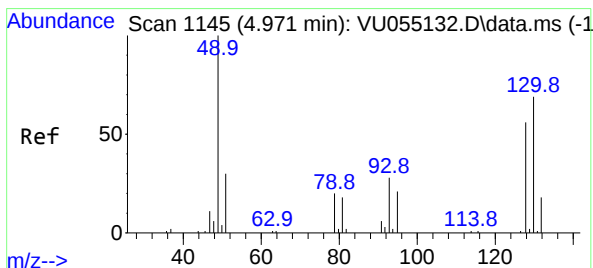
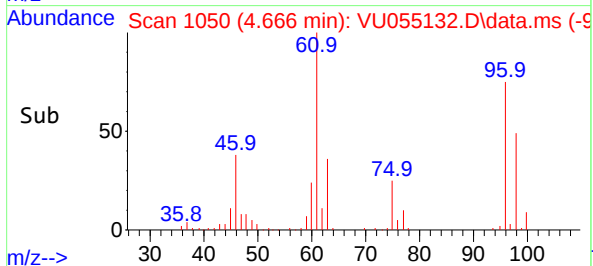
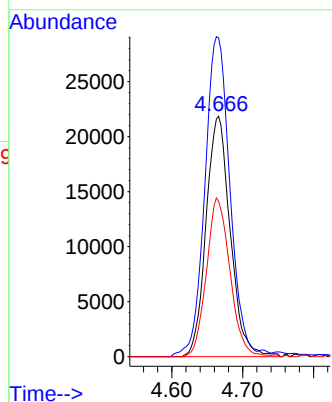
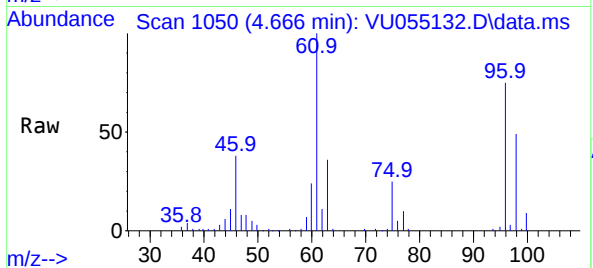




#22
 cis-1,2-Dichloroethene
 Concen: 4.794 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU055132.D
 Acq: 06 Sep 2023 09:24

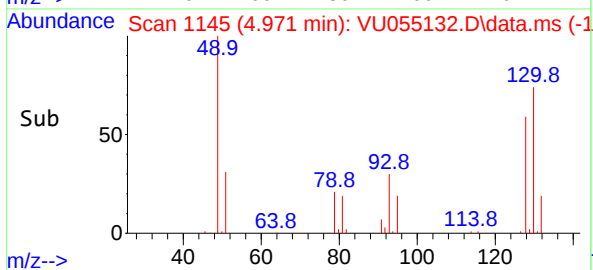
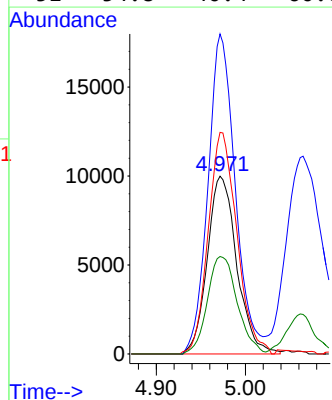
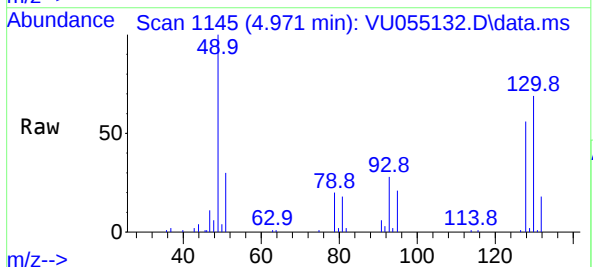
Instrument :
 MSVOA_U
 ClientSampleId :

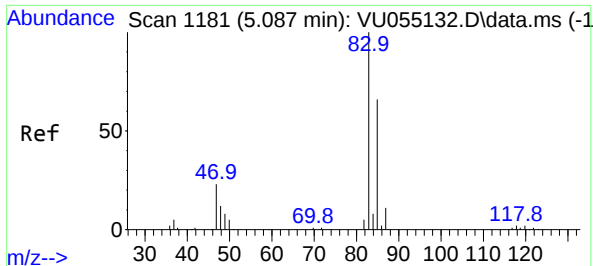
Tgt Ion: 96 Resp: 51866
 Ion Ratio Lower Upper
 96 100
 61 132.6 97.2 180.4
 98 64.6 46.1 85.7



#23
 Bromochloromethane
 Concen: 5.153 ug/L
 RT: 4.971 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VU055132.D
 Acq: 06 Sep 2023 09:24

Tgt Ion: 128 Resp: 22927
 Ion Ratio Lower Upper
 128 100
 49 180.0 118.9 220.9
 130 124.7 88.0 163.4
 51 54.8 40.4 60.6





#25

Chloroform

Concen: 4.883 ug/L

RT: 5.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VU055132.D

Acq: 06 Sep 2023 09:24

Instrument :

MSVOA_U

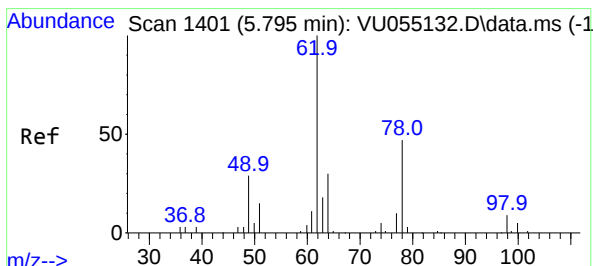
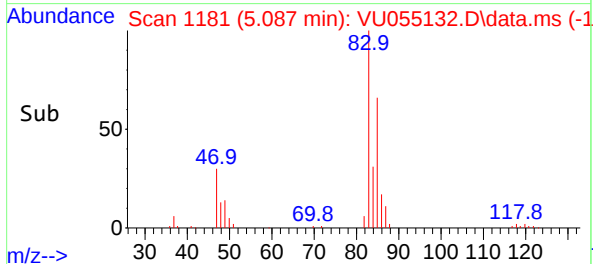
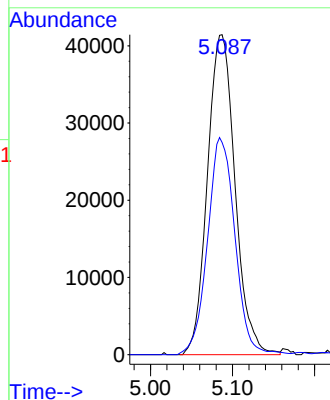
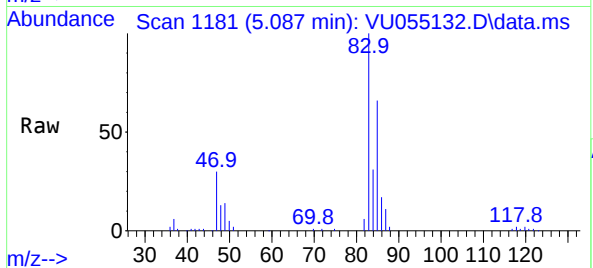
ClientSampleId :

Tgt Ion: 83 Resp: 97130

Ion Ratio Lower Upper

83 100

85 66.3 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.156 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VU055132.D

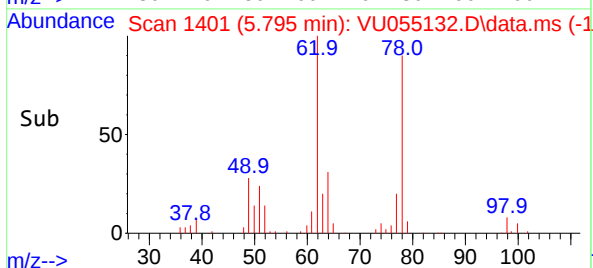
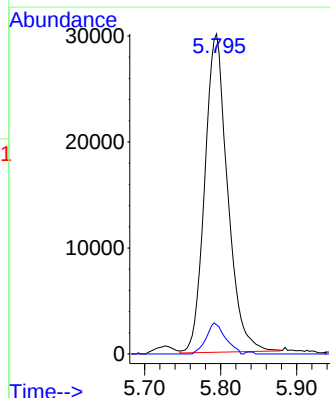
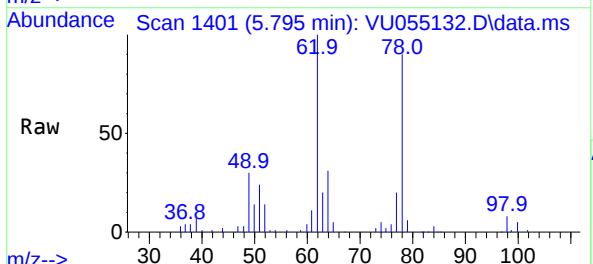
Acq: 06 Sep 2023 09:24

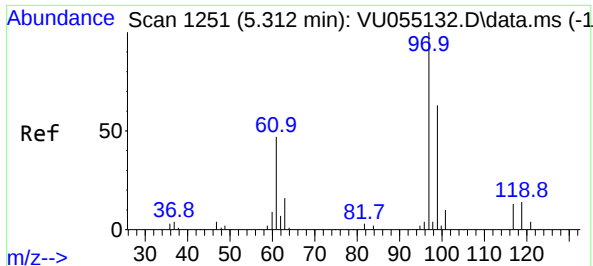
Tgt Ion: 62 Resp: 62606

Ion Ratio Lower Upper

62 100

98 9.1 6.9 10.3

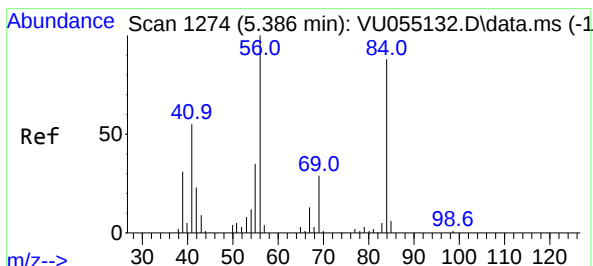
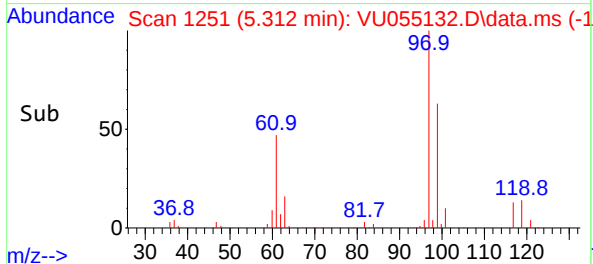
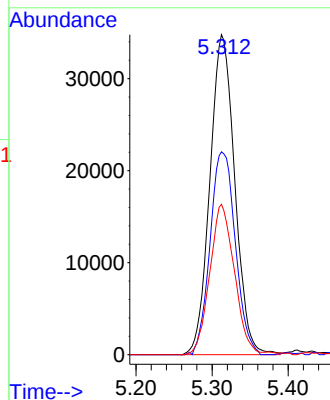
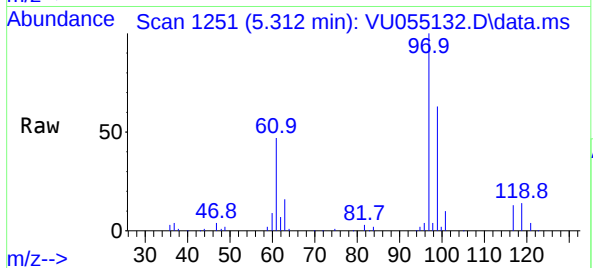




#29
1,1,1-Trichloroethane
Concen: 4.703 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

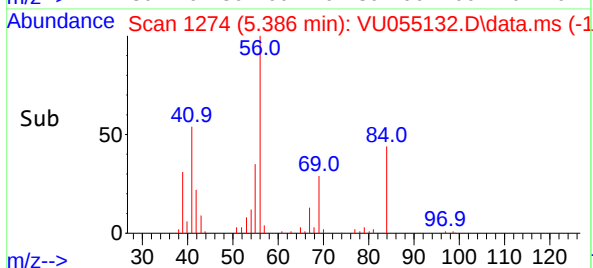
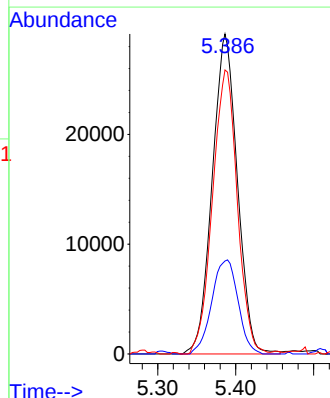
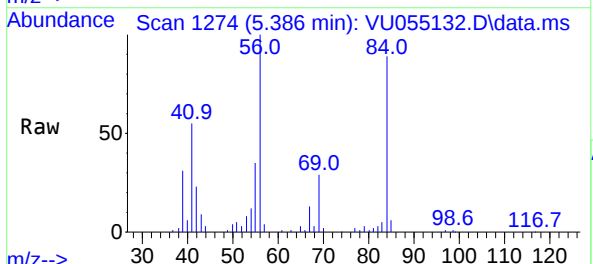
Instrument :
MSVOA_U
ClientSampleId :

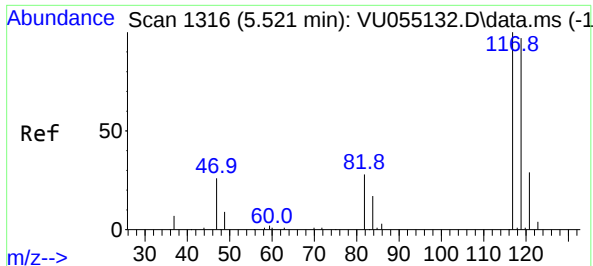
Tgt Ion: 97 Resp: 79073
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.8
61 46.4 36.8 55.2



#30
Cyclohexane
Concen: 4.361 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion: 56 Resp: 65204
Ion Ratio Lower Upper
56 100
69 30.7 24.6 37.0
84 87.7 68.8 103.2

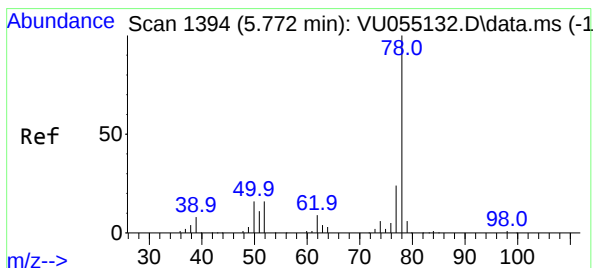
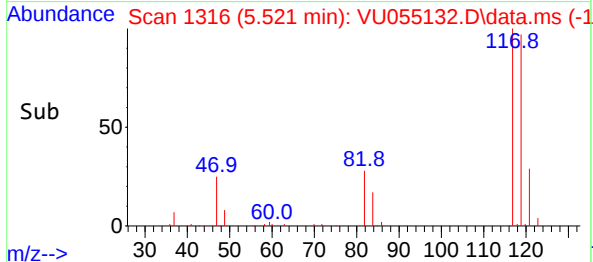
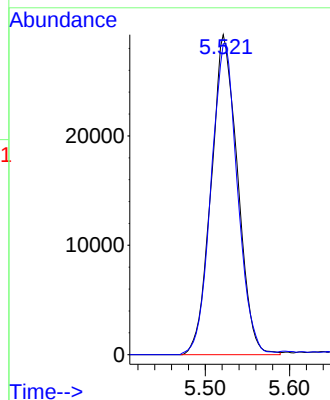
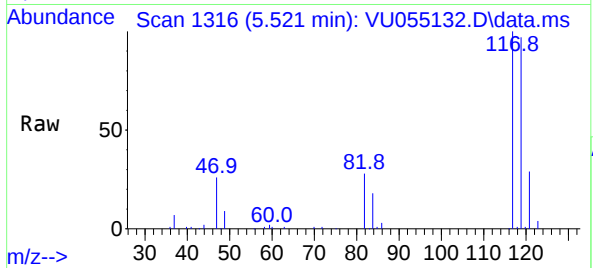




#31
Carbon tetrachloride
Concen: 4.558 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

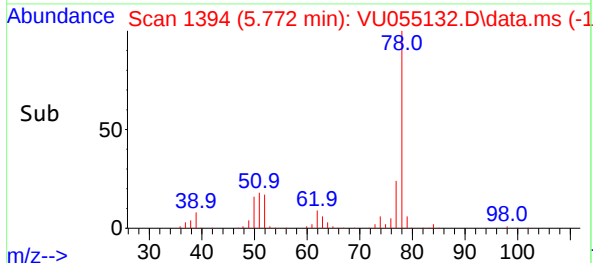
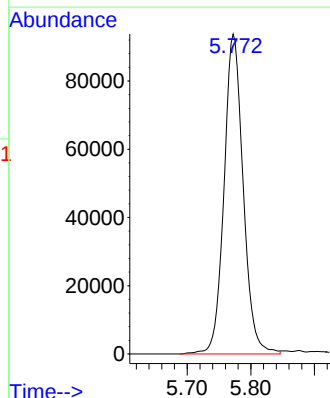
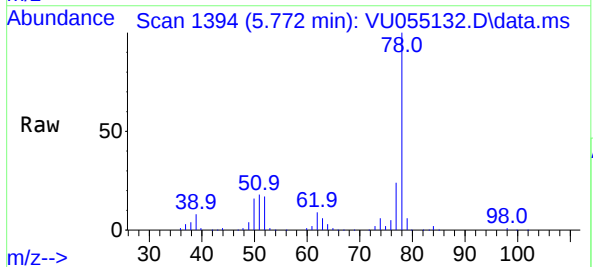
Instrument :
MSVOA_U
ClientSampleId :

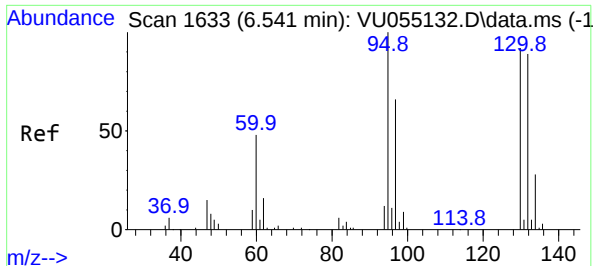
Tgt Ion:117 Resp: 63728
Ion Ratio Lower Upper
117 100
119 97.3 75.4 113.0



#33
Benzene
Concen: 4.742 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

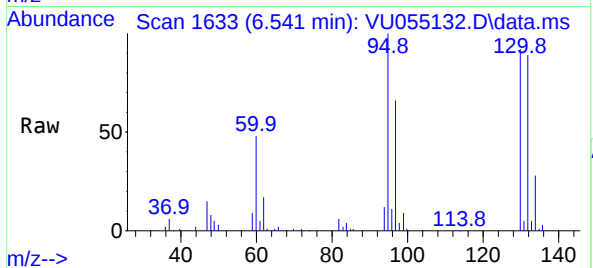
Tgt Ion: 78 Resp: 196192



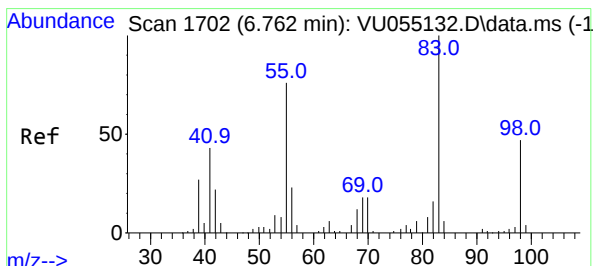
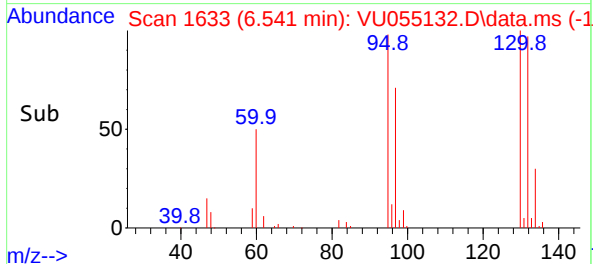
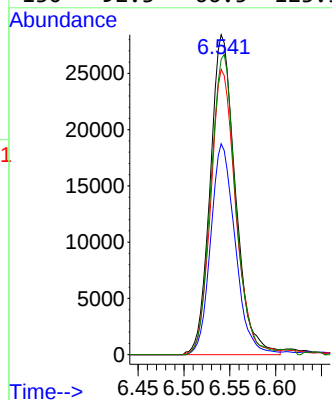


#34
Trichloroethene
Concen: 4.728 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Instrument :
MSVOA_U
ClientSampleId :

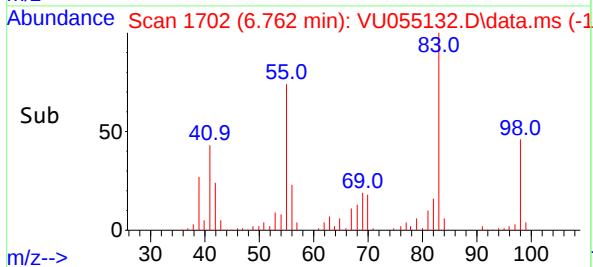
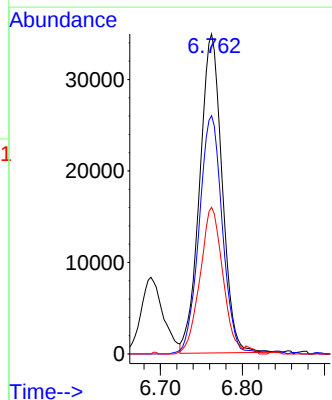
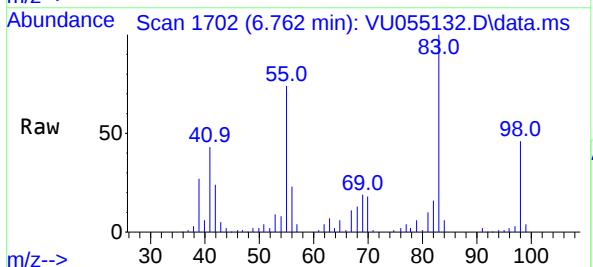


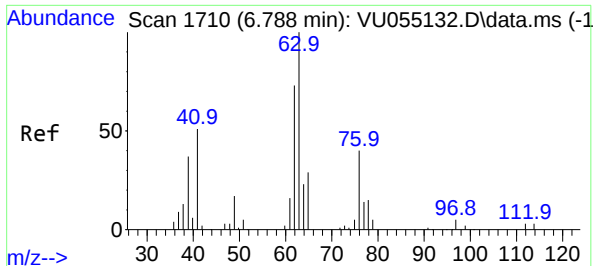
Tgt Ion: 95 Resp: 54362
Ion Ratio Lower Upper
95 100
97 65.9 44.7 83.1
132 89.2 66.6 123.6
130 92.3 66.5 123.5



#35
Methylcyclohexane
Concen: 4.100 ug/L
RT: 6.762 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion: 83 Resp: 66136
Ion Ratio Lower Upper
83 100
55 77.4 60.4 90.6
98 46.7 35.3 52.9

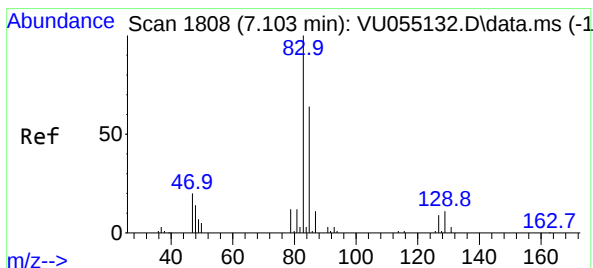
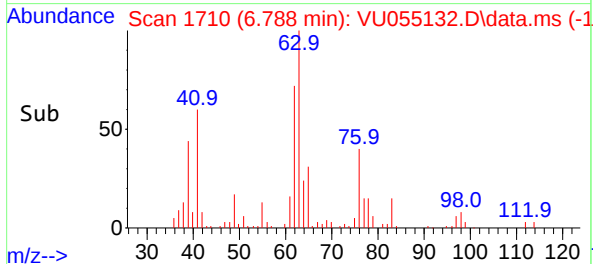
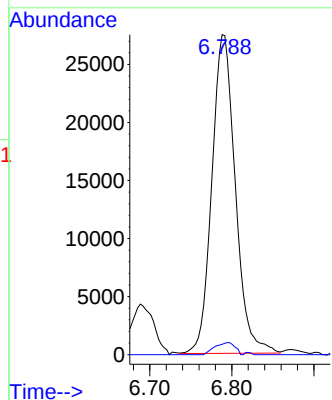
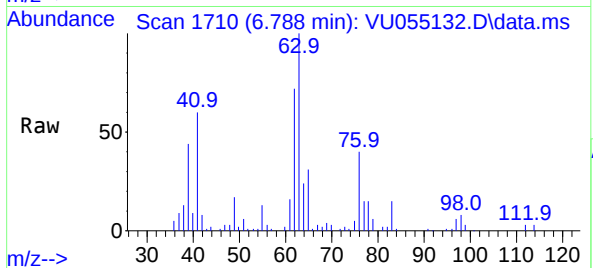




#37
1,2-Dichloropropane
Concen: 4.841 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

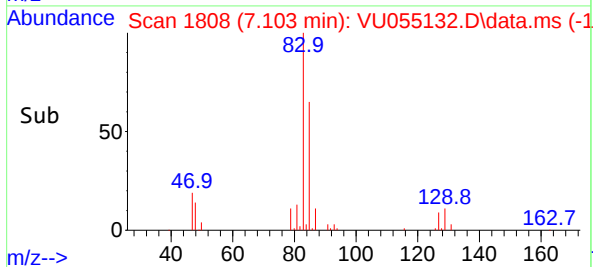
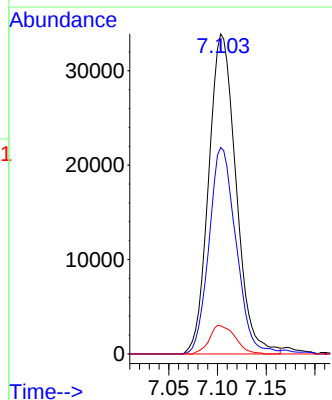
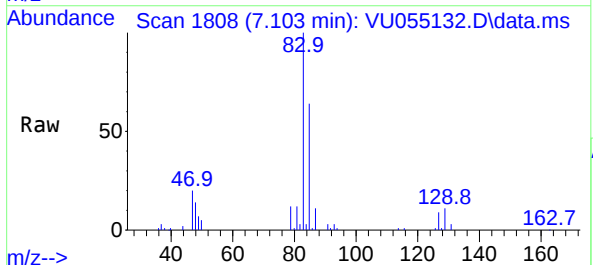
Instrument :
MSVOA_U
ClientSampleId :

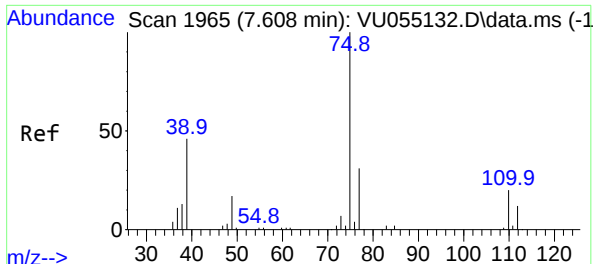
Tgt Ion: 63 Resp: 54531
Ion Ratio Lower Upper
63 100
112 3.2 3.2 4.8



#38
Bromodichloromethane
Concen: 4.922 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion: 83 Resp: 66196
Ion Ratio Lower Upper
83 100
85 64.5 44.9 83.5
127 8.8 7.8 11.8

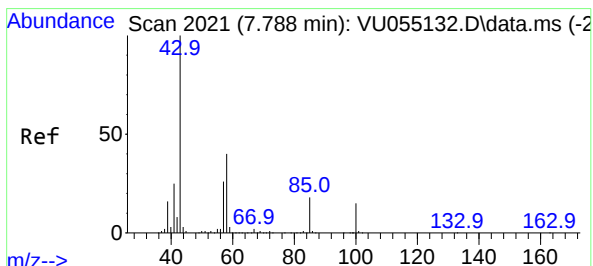
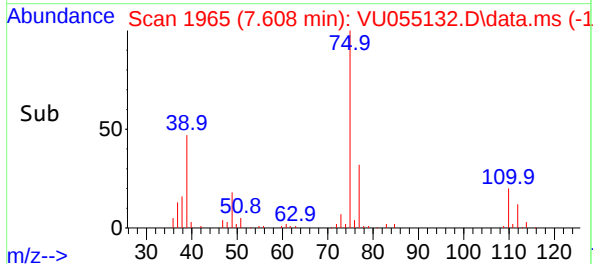
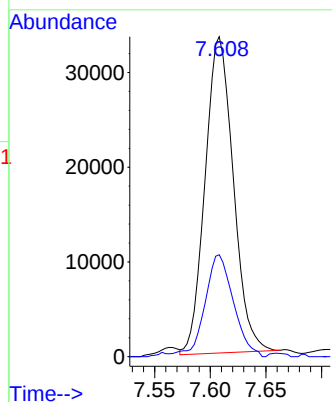
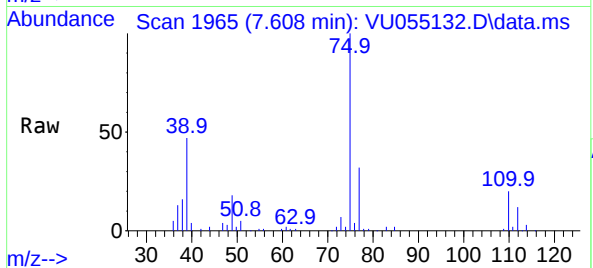




#39
cis-1,3-Dichloropropene
Concen: 3.842 ug/L
RT: 7.608 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

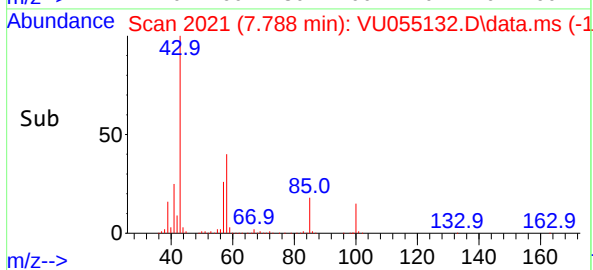
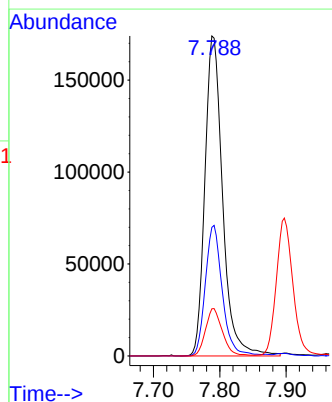
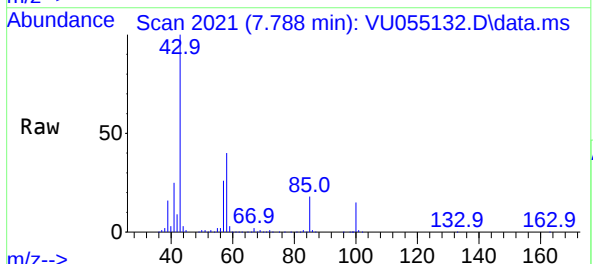
Instrument :
MSVOA_U
ClientSampleId :

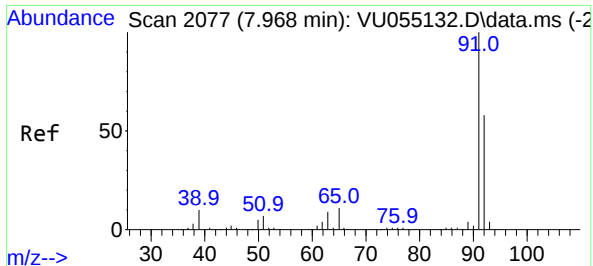
Tgt Ion: 75 Resp: 58858
Ion Ratio Lower Upper
75 100
77 31.9 20.9 38.9



#40
4-Methyl-2-pentanone
Concen: 50.456 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. -0.003 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion: 43 Resp: 324177
Ion Ratio Lower Upper
43 100
58 39.0 31.5 47.3
100 14.1 11.8 17.8





#42

Toluene

Concen: 4.756 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU055132.D

Acq: 06 Sep 2023 09:24

Instrument :

MSVOA_U

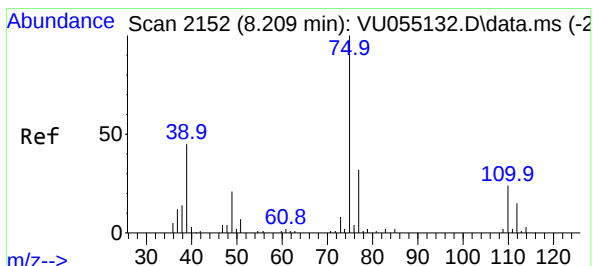
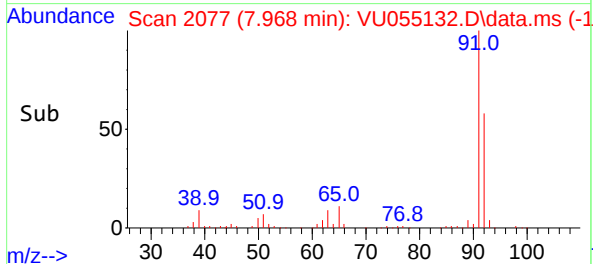
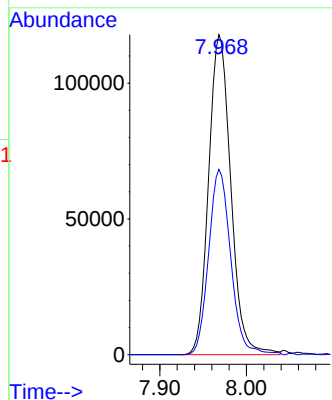
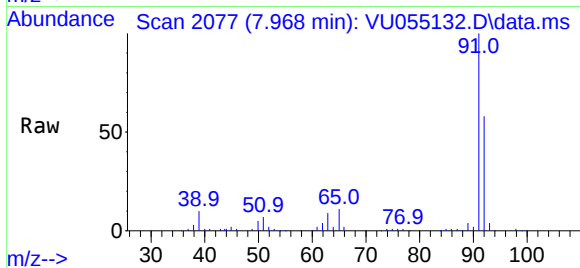
ClientSampleId :

Tgt Ion: 91 Resp: 209784

Ion Ratio Lower Upper

91 100

92 57.9 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 4.134 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055132.D

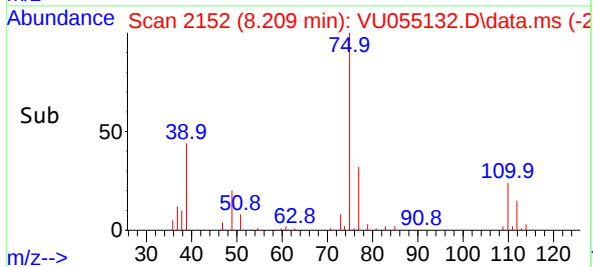
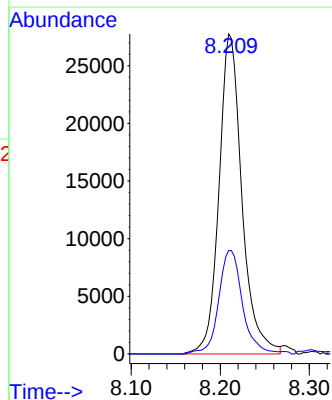
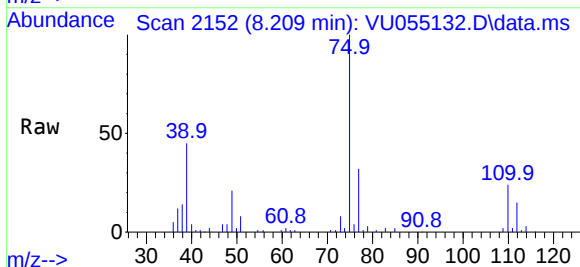
Acq: 06 Sep 2023 09:24

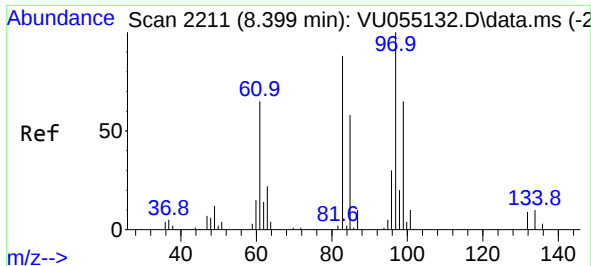
Tgt Ion: 75 Resp: 49713

Ion Ratio Lower Upper

75 100

77 32.3 20.5 38.1



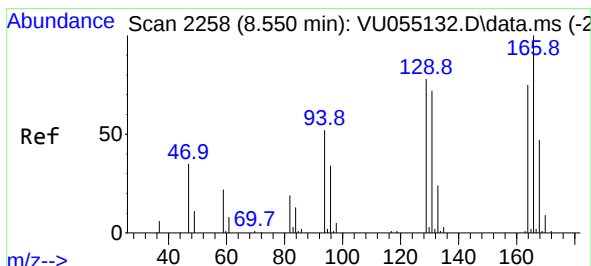
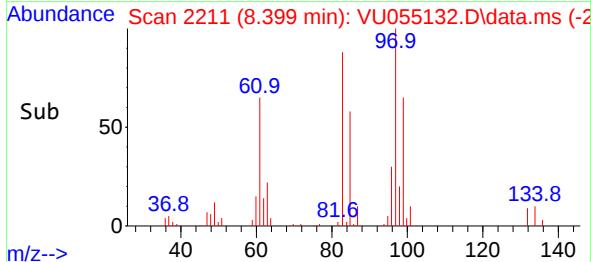
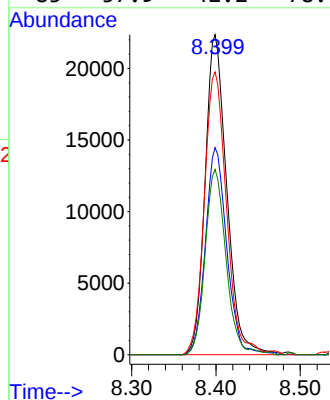
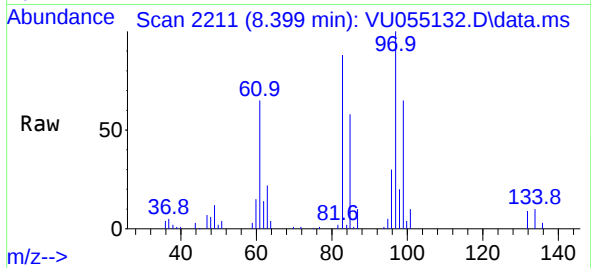


#45
1,1,2-Trichloroethane
Concen: 5.270 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 39979

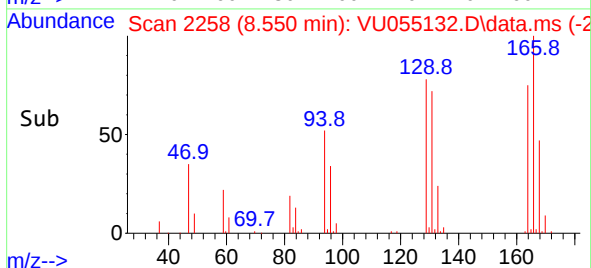
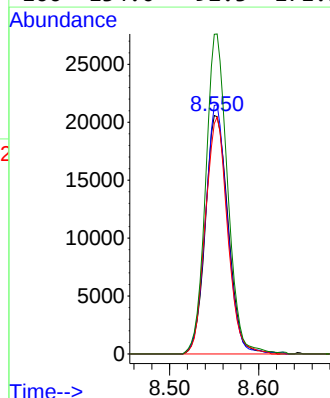
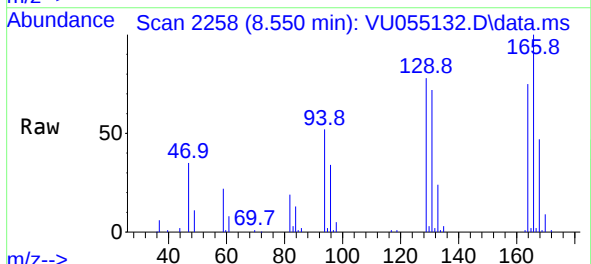
Ion	Ratio	Lower	Upper
97	100		
99	64.7	44.9	83.5
83	88.3	66.9	124.3
85	57.9	42.2	78.4

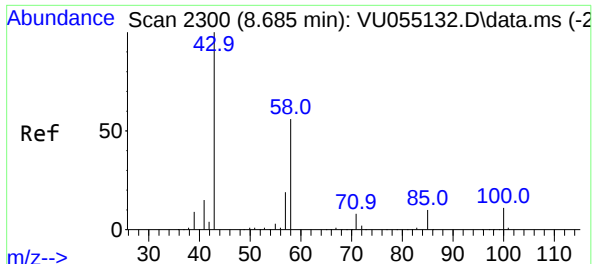


#47
Tetrachloroethene
Concen: 4.612 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.003 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion: 164 Resp: 36651

Ion	Ratio	Lower	Upper
164	100		
129	104.2	69.2	128.6
131	96.7	68.8	127.8
166	134.0	92.3	171.5

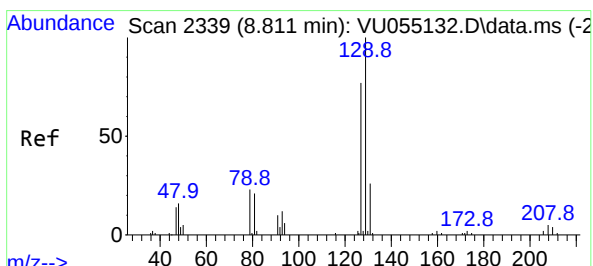
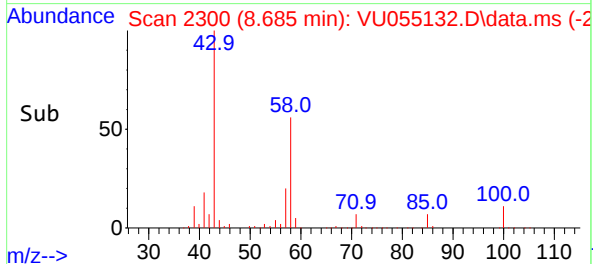
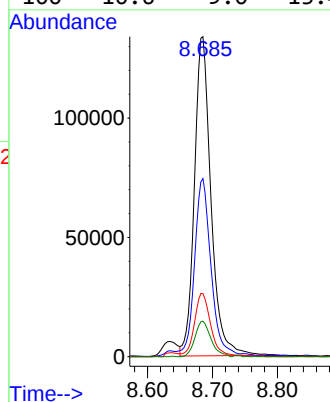
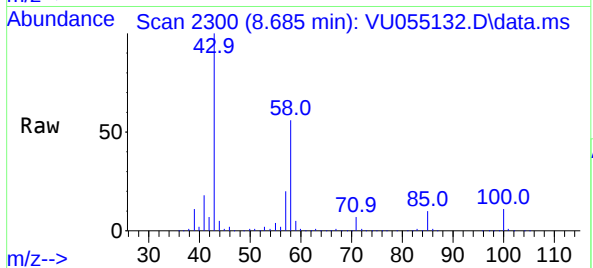




#48
2-Hexanone
Concen: 47.453 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

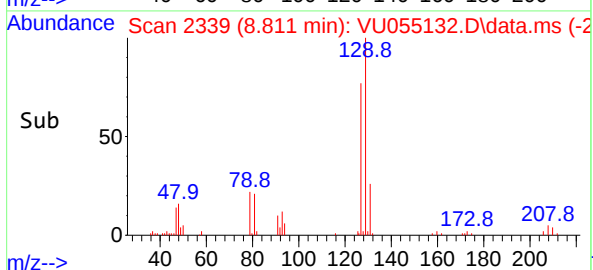
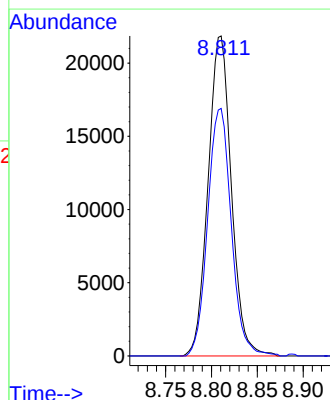
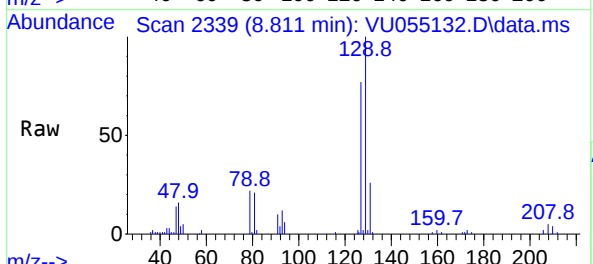
Instrument :
MSVOA_U
ClientSampleId :

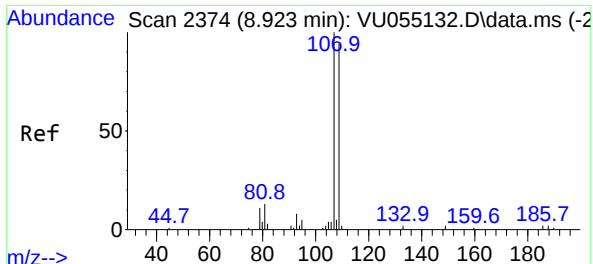
Tgt Ion: 43 Resp: 238810
Ion Ratio Lower Upper
43 100
58 53.5 44.0 66.0
57 19.4 16.2 24.2
100 10.6 9.0 13.4



#49
Dibromochloromethane
Concen: 4.656 ug/L
RT: 8.811 min Scan# 2339
Delta R.T. 0.003 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion: 129 Resp: 38561
Ion Ratio Lower Upper
129 100
127 77.3 55.9 103.7

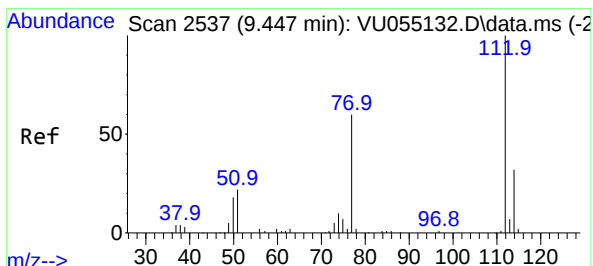
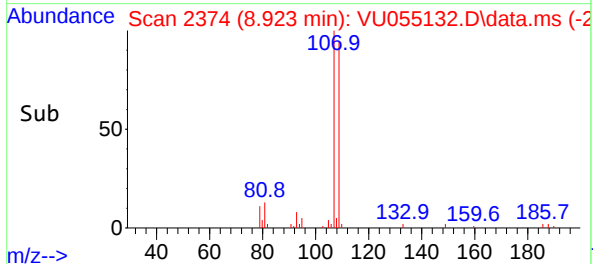
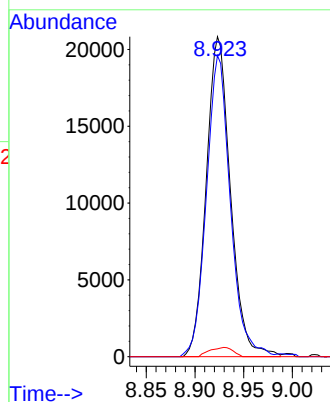
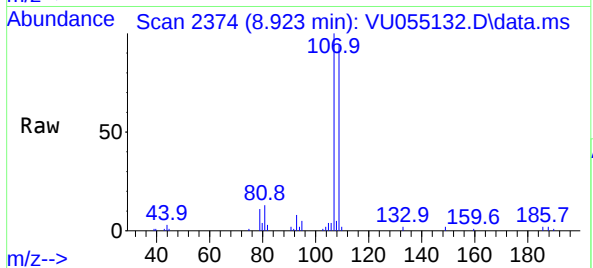




#50
1,2-Dibromoethane
Concen: 5.210 ug/L
RT: 8.923 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

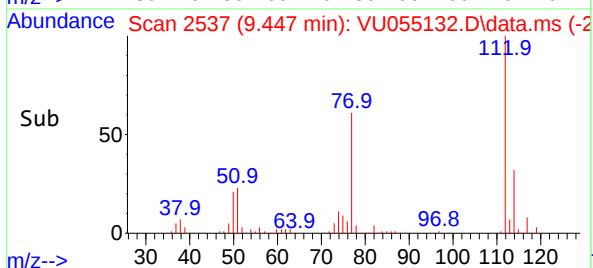
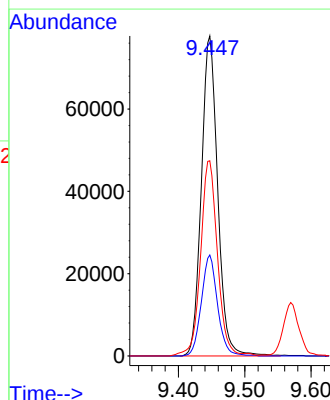
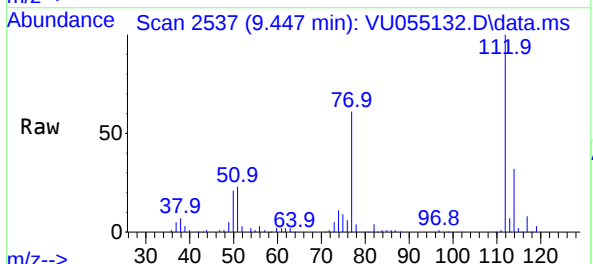
Instrument :
MSVOA_U
ClientSampleId :

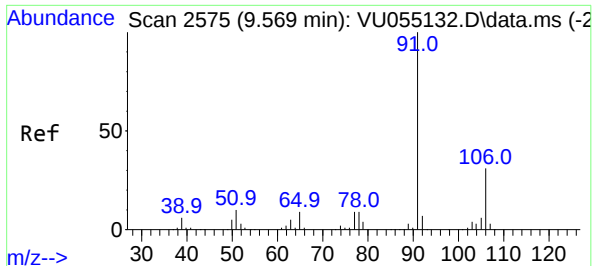
Tgt Ion:107 Resp: 35992
Ion Ratio Lower Upper
107 100
109 94.1 71.4 132.6
188 2.4 3.1 4.7#



#51
Chlorobenzene
Concen: 4.559 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion:112 Resp: 133156
Ion Ratio Lower Upper
112 100
114 31.6 21.7 40.3
77 61.0 48.6 72.8

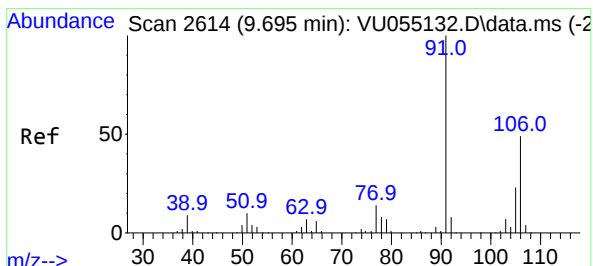
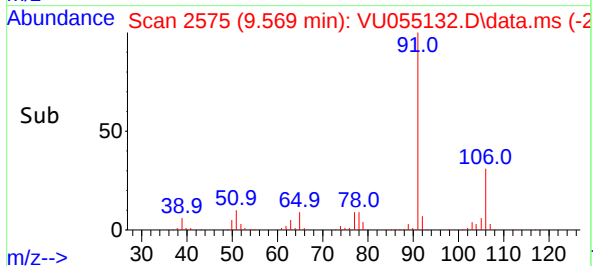
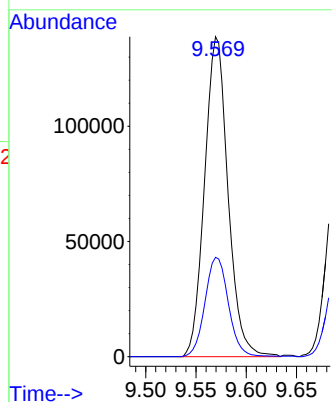
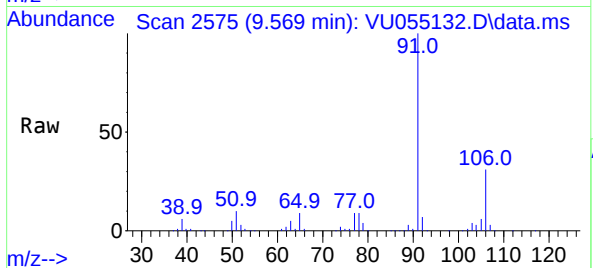




#52
Ethylbenzene
Concen: 4.560 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

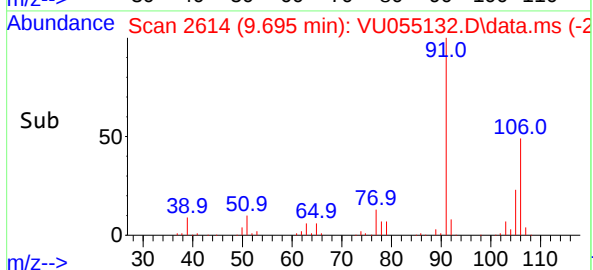
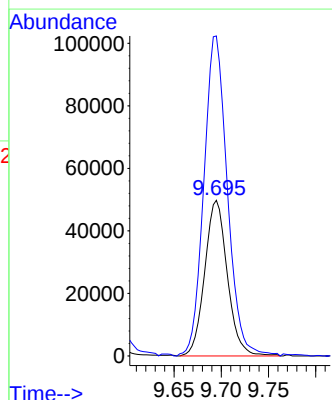
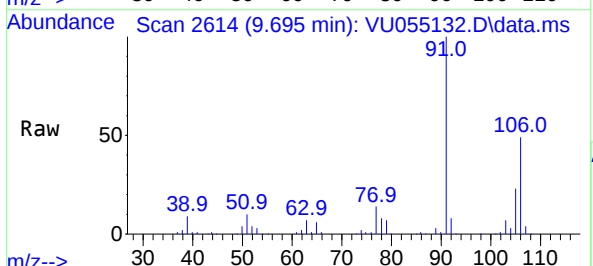
Instrument :
MSVOA_U
ClientSampleId :

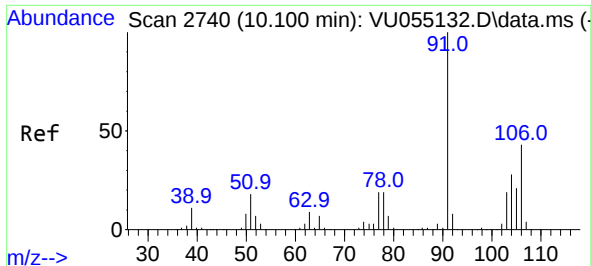
Tgt Ion: 91 Resp: 224989
Ion Ratio Lower Upper
91 100
106 31.1 21.5 39.9



#53
m,p-Xylene
Concen: 4.545 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion: 106 Resp: 82986
Ion Ratio Lower Upper
106 100
91 205.5 148.3 275.5

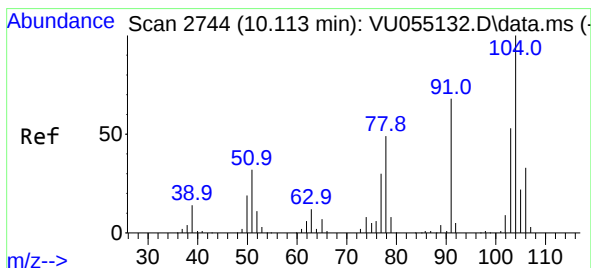
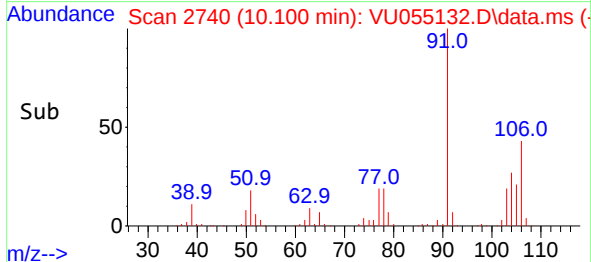
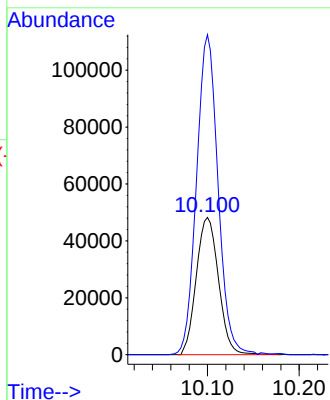
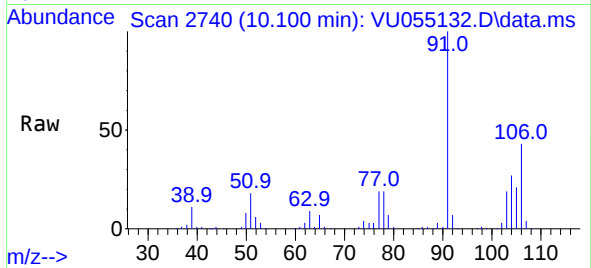




#54
o-Xylene
Concen: 4.527 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

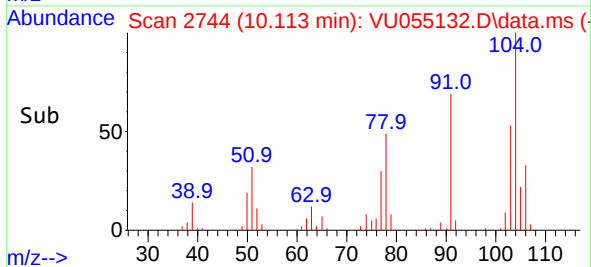
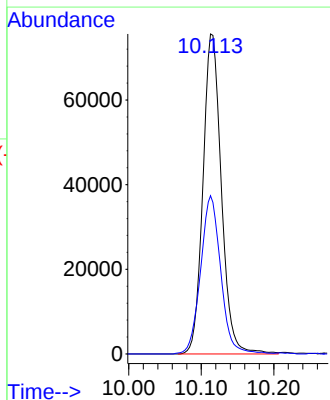
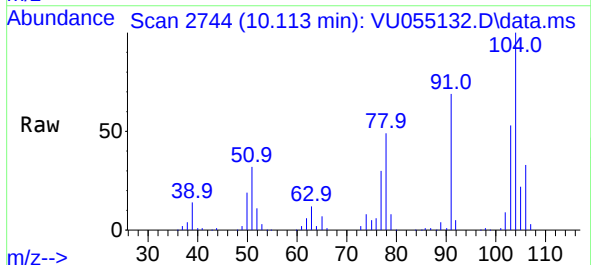
Instrument :
MSVOA_U
ClientSampleId :

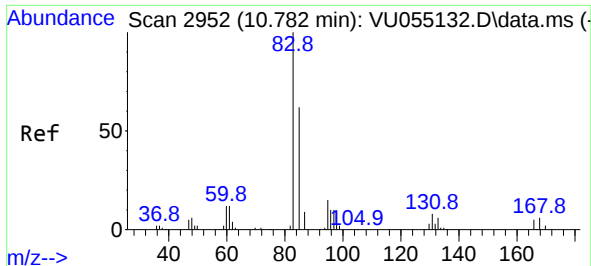
Tgt Ion:106 Resp: 81334
Ion Ratio Lower Upper
106 100
91 233.1 152.9 284.1



#55
Styrene
Concen: 4.500 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion:104 Resp: 133512
Ion Ratio Lower Upper
104 100
78 49.5 32.8 61.0



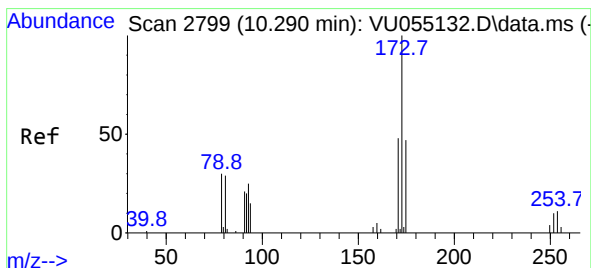
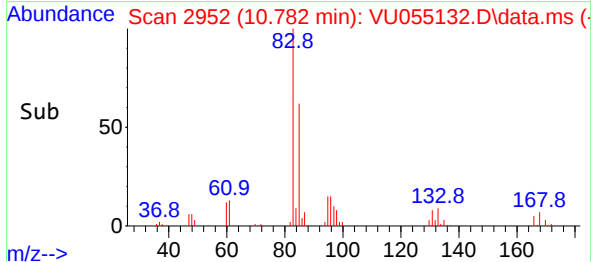
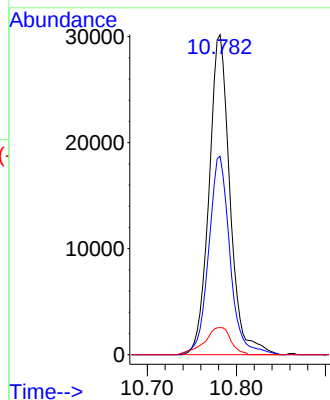
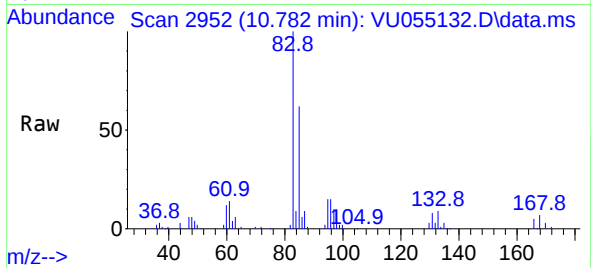


#57
1,1,2,2-Tetrachloroethane
Concen: 5.202 ug/L
RT: 10.782 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 49157

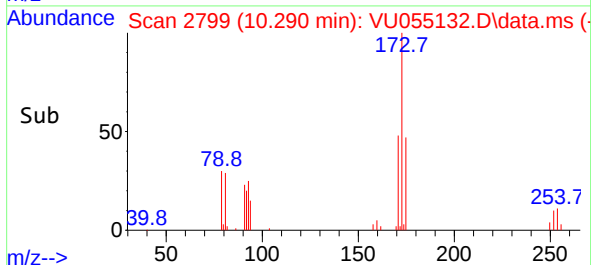
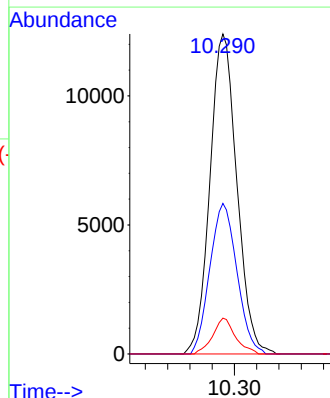
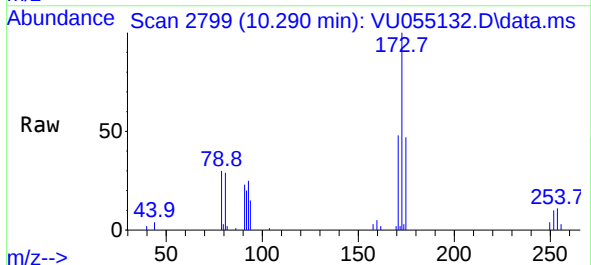
Ion	Ratio	Lower	Upper
83	100		
85	62.1	42.4	78.6
131	8.4	7.6	11.4

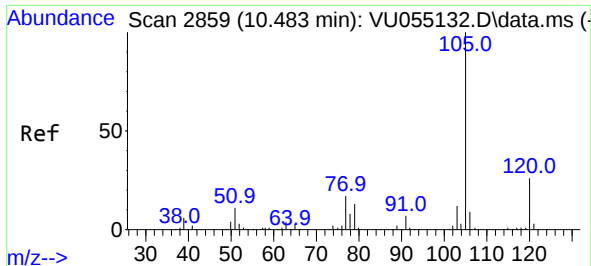


#59
Bromoform
Concen: 5.185 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion: 173 Resp: 20765

Ion	Ratio	Lower	Upper
173	100		
175	47.4	40.9	61.3
254	9.5	7.0	10.4

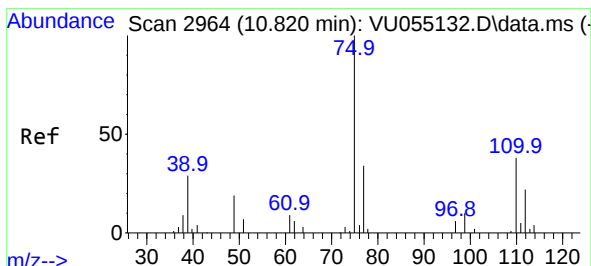
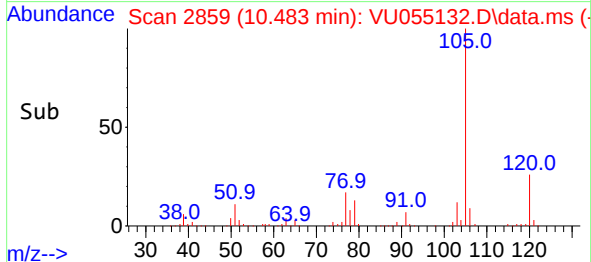
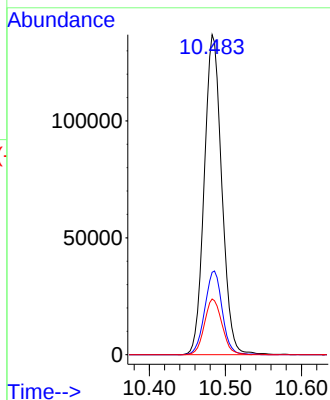
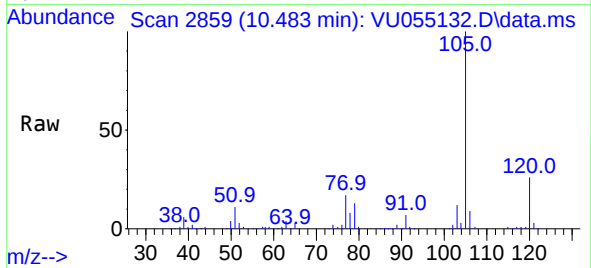




#60
Isopropylbenzene
Concen: 4.682 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

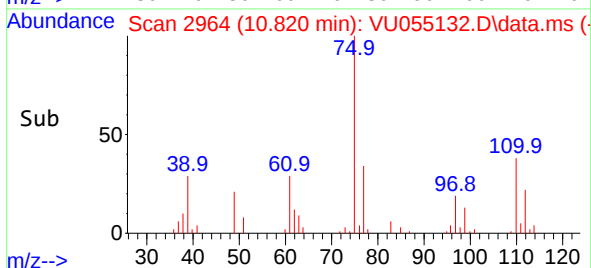
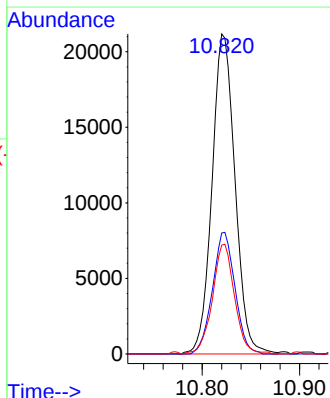
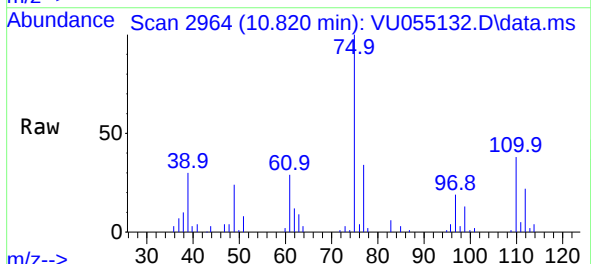
Instrument :
MSVOA_U
ClientSampleId :

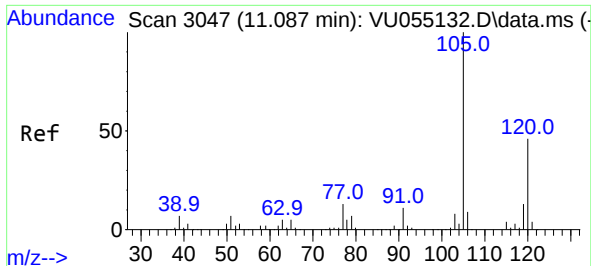
Tgt Ion:105 Resp: 218836
Ion Ratio Lower Upper
105 100
120 26.1 20.1 30.1
77 17.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.218 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion: 75 Resp: 34710
Ion Ratio Lower Upper
75 100
110 37.1 28.2 42.2
77 32.9 26.2 39.4

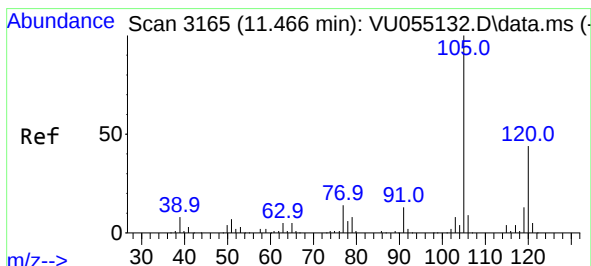
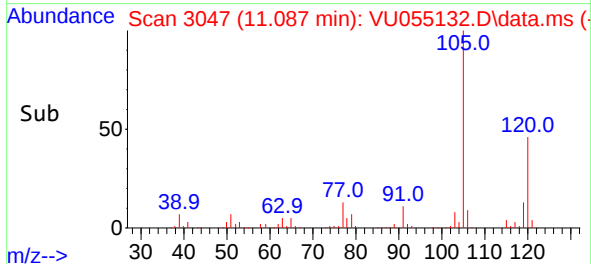
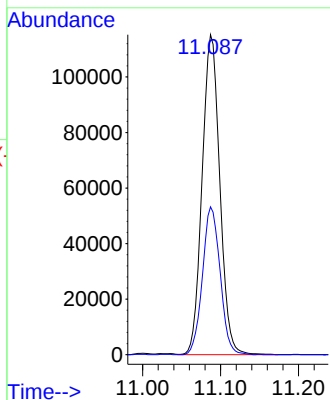
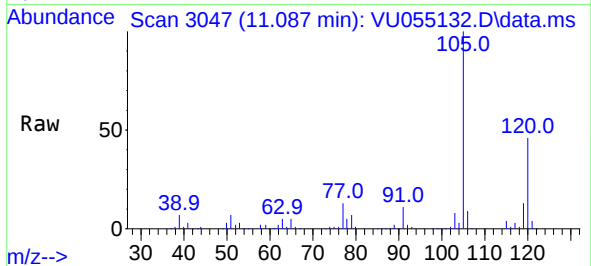




#62
1,3,5-Trimethylbenzene
Concen: 4.671 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

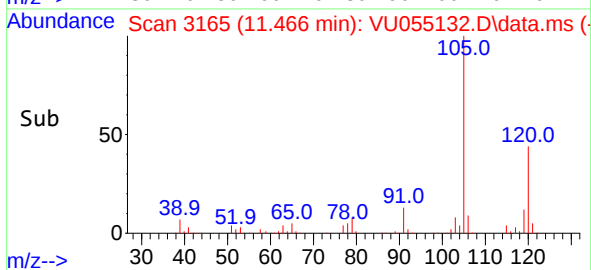
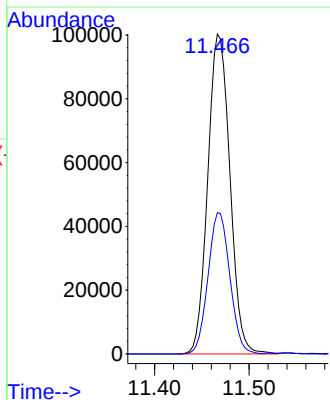
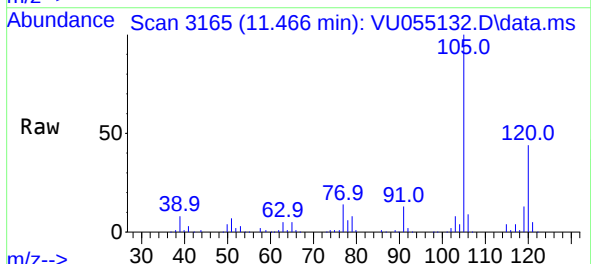
Instrument :
MSVOA_U
ClientSampleId :

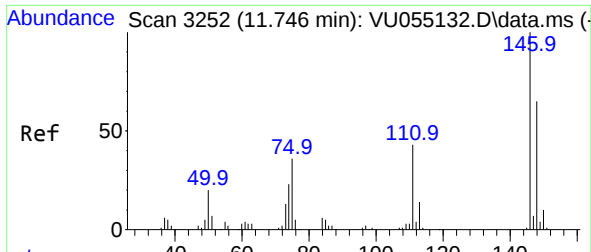
Tgt Ion:105 Resp: 181613
Ion Ratio Lower Upper
105 100
120 46.1 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 4.268 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

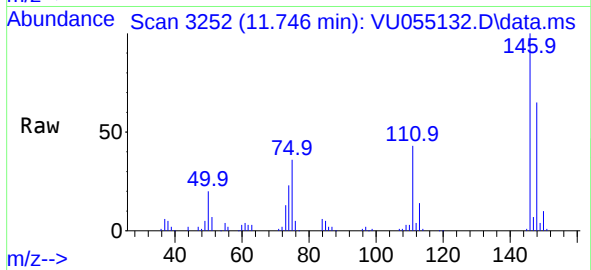
Tgt Ion:105 Resp: 163540
Ion Ratio Lower Upper
105 100
120 43.4 35.4 53.0



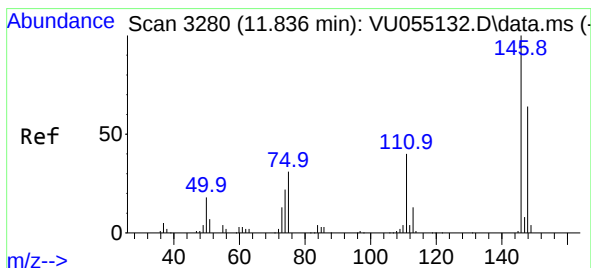
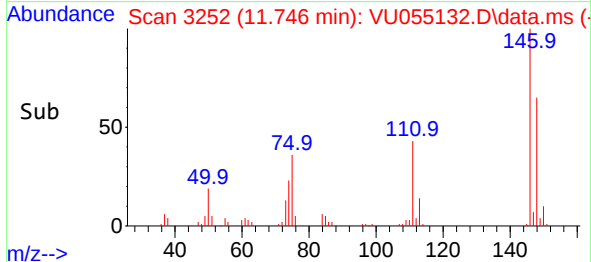
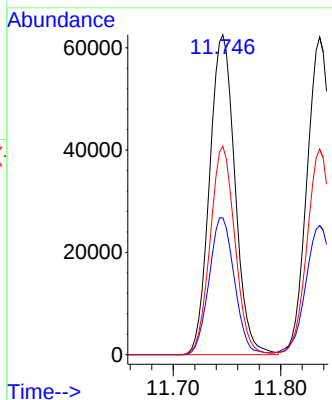


#64
1,3-Dichlorobenzene
Concen: 4.570 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Instrument :
MSVOA_U
ClientSampleId :

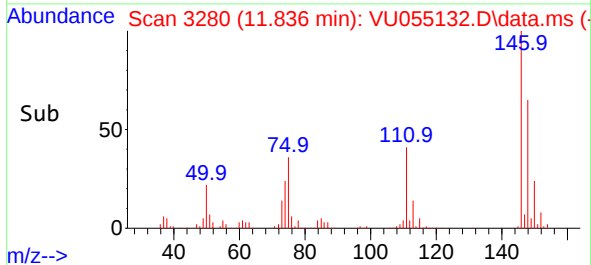
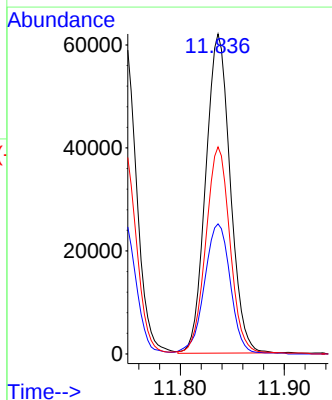
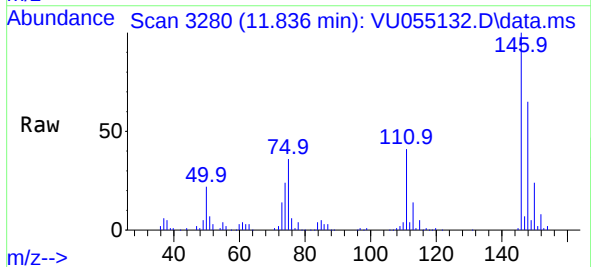


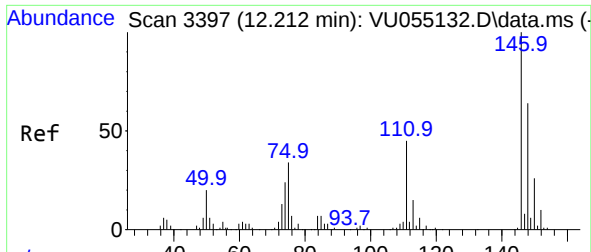
Tgt Ion:146 Resp: 102535
Ion Ratio Lower Upper
146 100
111 42.8 30.0 55.6
148 65.2 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 4.530 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion:146 Resp: 101314
Ion Ratio Lower Upper
146 100
111 40.7 28.1 52.1
148 64.7 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 4.666 ug/L

RT: 12.212 min Scan# 3397

Delta R.T. 0.000 min

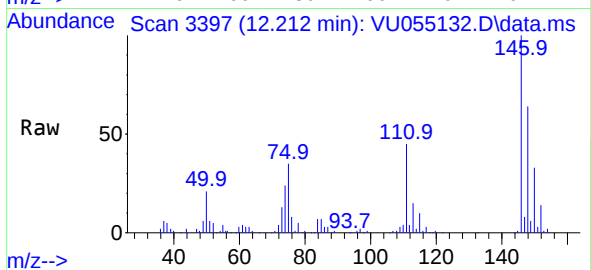
Lab File: VU055132.D

Acq: 06 Sep 2023 09:24

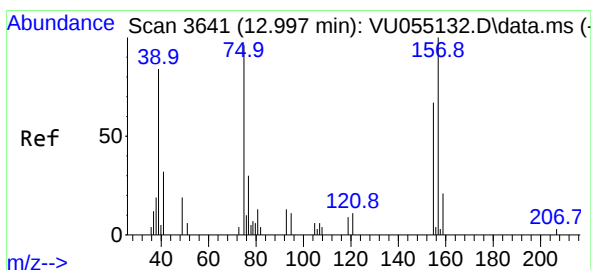
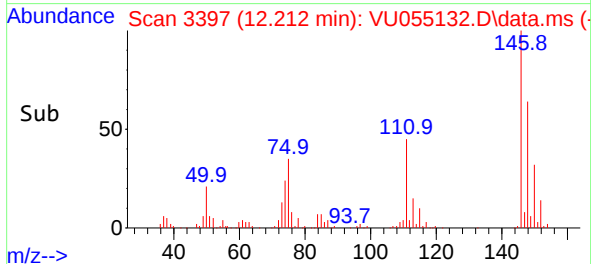
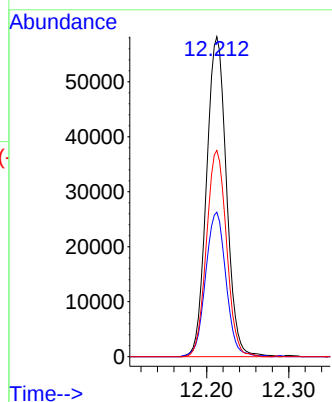
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	146	Resp:	98156
Ion	Ratio	Lower	Upper
146	100		
111	45.2	35.6	53.4
148	64.4	51.3	76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.160 ug/L

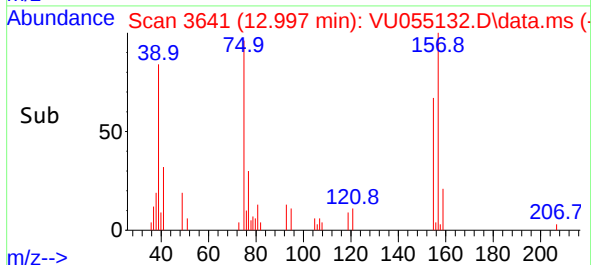
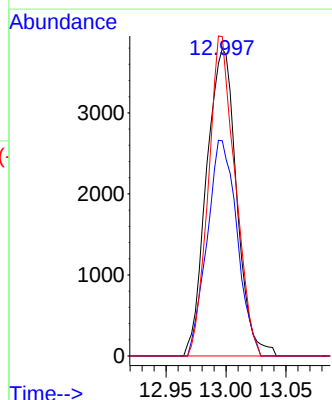
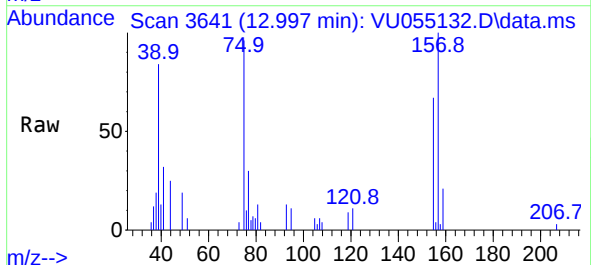
RT: 12.997 min Scan# 3641

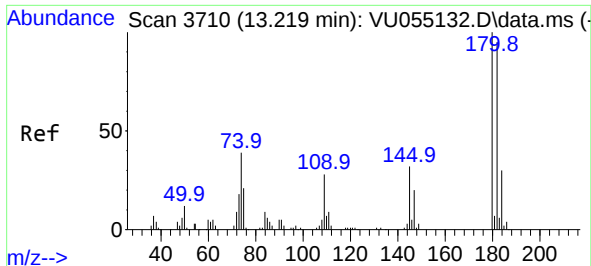
Delta R.T. 0.003 min

Lab File: VU055132.D

Acq: 06 Sep 2023 09:24

Tgt Ion:	75	Resp:	6612
Ion	Ratio	Lower	Upper
75	100		
155	70.0	61.1	91.7
157	103.9	66.8	100.2

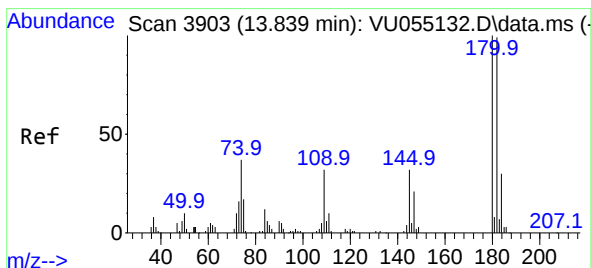
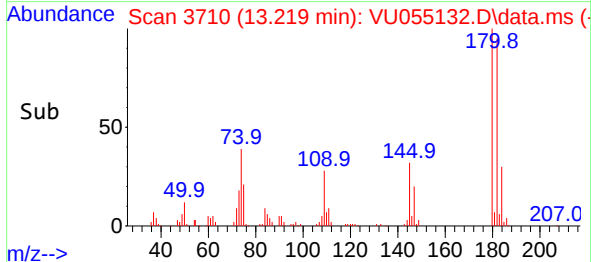
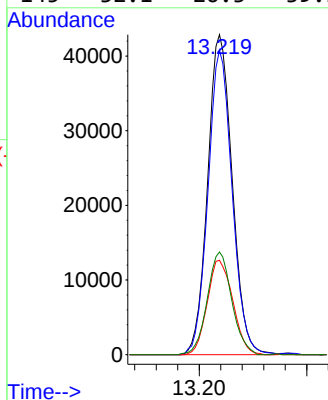
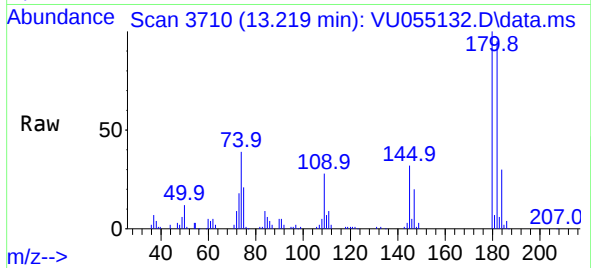




#69
1,3,5-Trichlorobenzene
Concen: 4.002 ug/L
RT: 13.219 min Scan# 3710
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

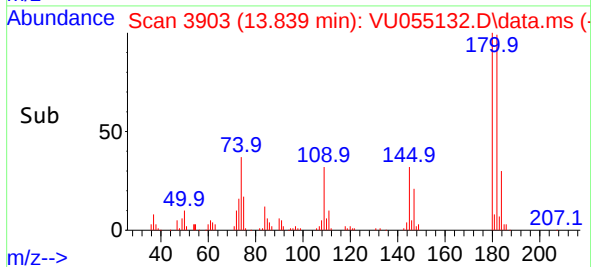
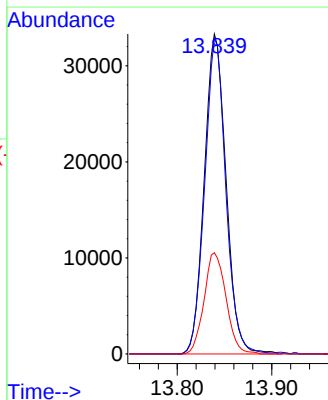
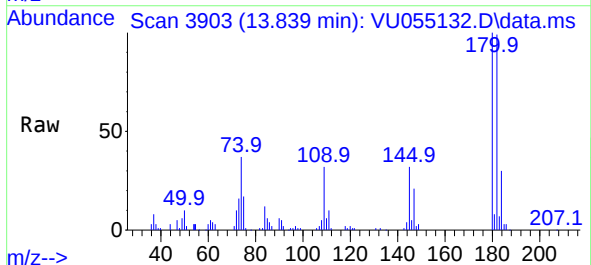
Instrument :
MSVOA_U
ClientSampleId :

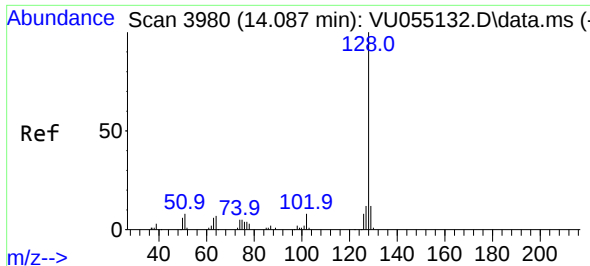
Tgt Ion:	180	Resp:	67854
Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.8	113.6
184	30.7	24.0	36.0
145	32.1	26.3	39.5



#70
1,2,4-trichlorobenzene
Concen: 3.347 ug/L
RT: 13.839 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion:	180	Resp:	53214
Ion	Ratio	Lower	Upper
180	100		
182	95.9	73.6	110.4
145	32.0	25.8	38.8

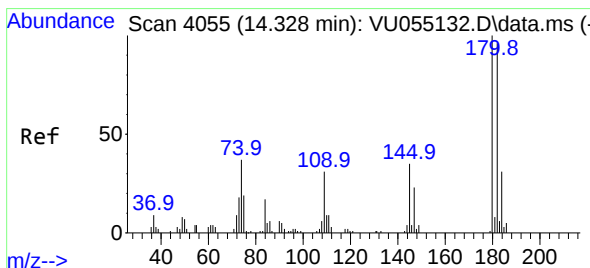
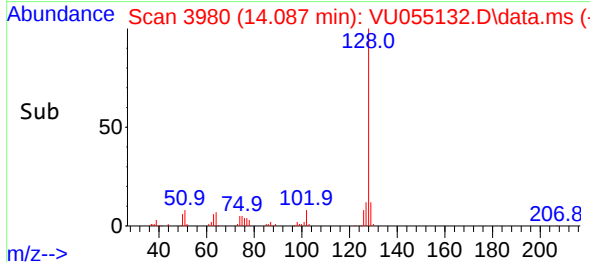
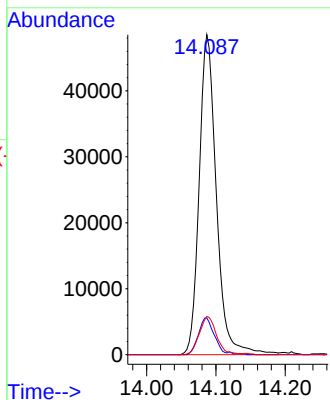
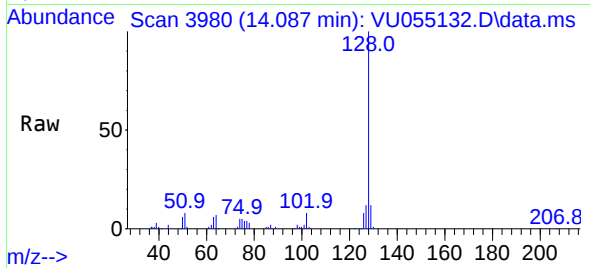




#71
Naphthalene
Concen: 2.897 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. 0.000 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.2	12.2
127	11.9	10.0	15.0



#72
1,2,3-Trichlorobenzene
Concen: 3.453 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. -0.003 min
Lab File: VU055132.D
Acq: 06 Sep 2023 09:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.6	113.4
145	35.2	27.0	40.6

