

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056539.D
 Acq On : 21 Nov 2023 09:29
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:27:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 00:36:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	311301	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	291907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	146254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	113501	4.875	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.911	69	76521	4.286	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.563	65	48490	4.719	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.621	46	206422	44.460	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.920%
24) Chloroform-d	5.058	84	207510	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.695	65	99966	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.721	84	418388	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.685	67	125427	4.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.894	98	369183	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.177	79	48351	4.810	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.627	63	185560	46.970	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.940%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	88331	4.716	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	120749	4.469	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	105431	4.275	ug/L	98
3) Chloromethane	1.518	50	95534	3.790	ug/L	97
5) Vinyl chloride	1.602	62	98734	4.066	ug/L	100
6) Bromomethane	1.856	94	48243	3.925	ug/L	93
8) Chloroethane	1.930	64	58490	3.943	ug/L	93
9) Trichlorofluoromethane	2.136	101	165199	4.720	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	98829	4.757	ug/L	98
12) 1,1-Dichloroethene	2.576	96	83099	4.361	ug/L	92
13) Acetone	2.631	43	161172	40.758	ug/L	99
14) Carbon disulfide	2.792	76	232129	3.743	ug/L	98
15) Methyl Acetate	2.949	43	29738	4.226	ug/L	97
16) Methylene chloride	3.042	84	101810	4.037	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	210494	4.546	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	83824	4.275	ug/L	95
19) 1,1-Dichloroethane	3.862	63	174921	4.504	ug/L	95
21) 2-Butanone	4.702	43	208421	40.618	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	101894	4.582	ug/L	96
23) Bromochloromethane	4.968	128	41476	4.532	ug/L	94
25) Chloroform	5.081	83	191853	4.559	ug/L	98

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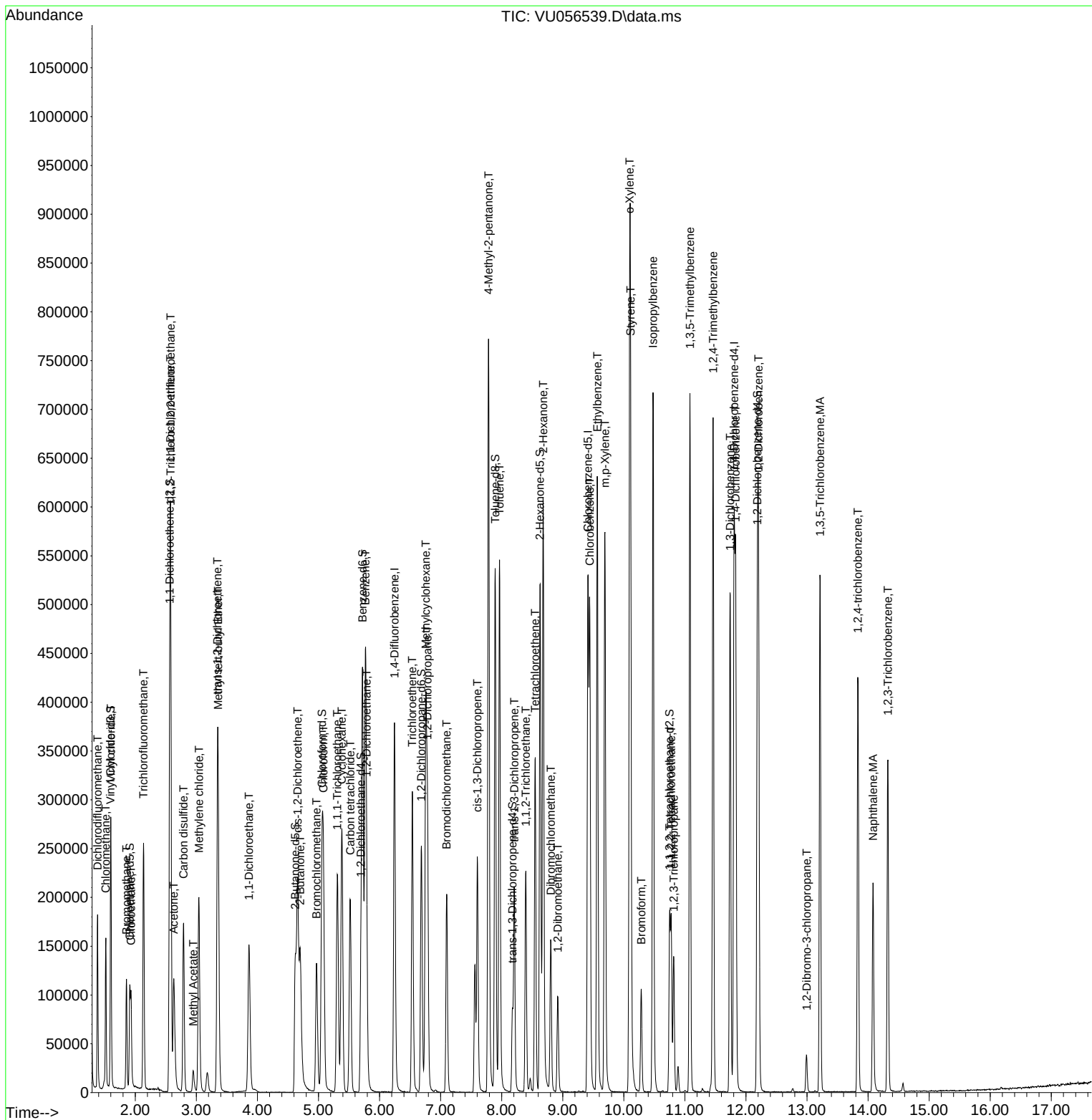
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 ClientSampleId :

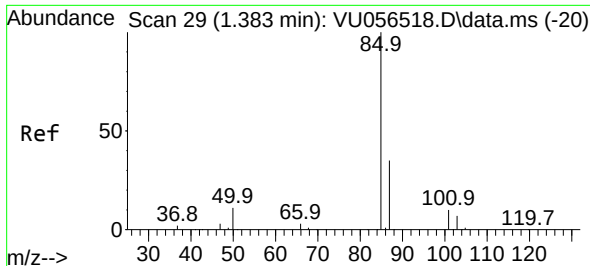
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	115768	4.846	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	165638	4.943	ug/L	100
30) Cyclohexane	5.383	56	138071	4.342	ug/L	99
31) Carbon tetrachloride	5.521	117	141916	4.931	ug/L	96
33) Benzene	5.769	78	402263	4.830	ug/L	100
34) Trichloroethene	6.537	95	110156	4.854	ug/L	98
35) Methylcyclohexane	6.759	83	149039	4.549	ug/L	98
37) 1,2-Dichloropropane	6.785	63	107376	4.943	ug/L	100
38) Bromodichloromethane	7.100	83	135440	4.830	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	150338	4.710	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	484578	45.005	ug/L	98
42) Toluene	7.965	91	411142	4.768	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	122371	4.809	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	69820	4.827	ug/L	97
47) Tetrachloroethene	8.550	164	74916	4.896	ug/L	99
48) 2-Hexanone	8.679	43	370464	44.165	ug/L	99
49) Dibromochloromethane	8.804	129	81172	4.934	ug/L	99
50) 1,2-Dibromoethane	8.920	107	64302	4.708	ug/L	99
51) Chlorobenzene	9.444	112	265633	4.794	ug/L	98
52) Ethylbenzene	9.566	91	457059	4.773	ug/L	100
53) m,p-Xylene	9.692	106	170278	4.837	ug/L	100
54) o-Xylene	10.097	106	172124	5.034	ug/L	98
55) Styrene	10.113	104	293415	5.159	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	87796	4.971	ug/L	96
59) Bromoform	10.287	173	45617	5.007	ug/L	98
60) Isopropylbenzene	10.479	105	480061	5.090	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	59413	4.735	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	388149	5.012	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	387247	5.066	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	210557	4.907	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	202682	4.709	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	192858	4.900	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	11049	4.122	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	161489	4.999	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	125186	4.758	ug/L	100
71) Naphthalene	14.084	128	177336	4.461	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	102481	4.728	ug/L	98

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

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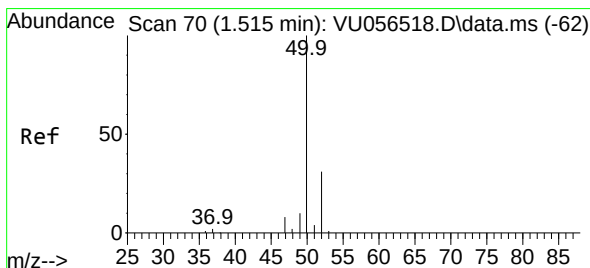
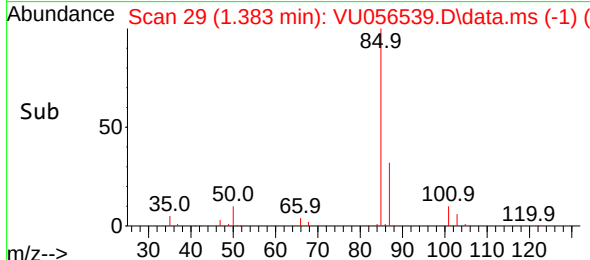
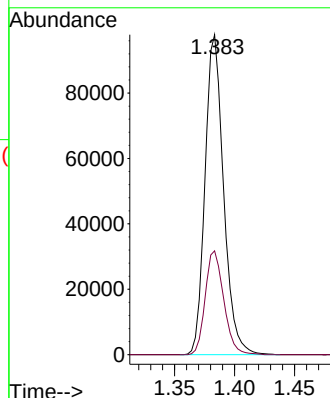
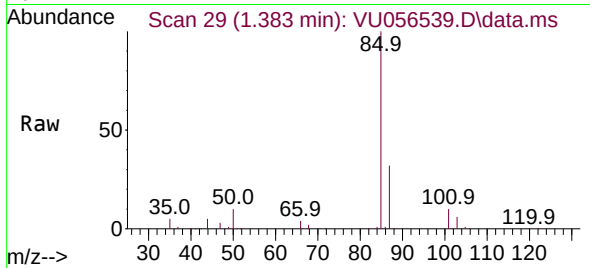




#2
 Dichlorodifluoromethane
 Concen: 4.275 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU056539.D
 Acq: 21 Nov 2023 09:29

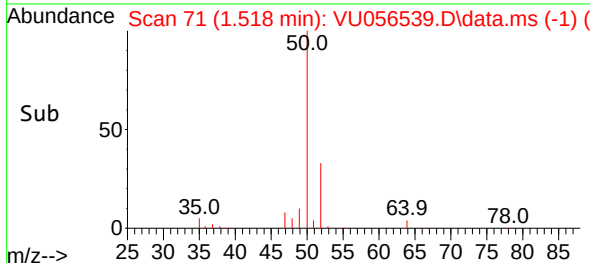
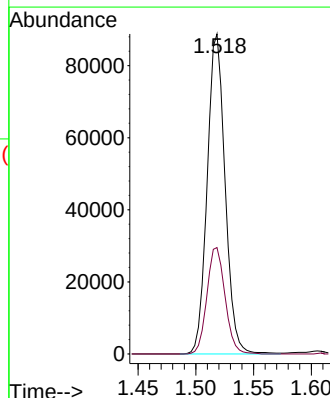
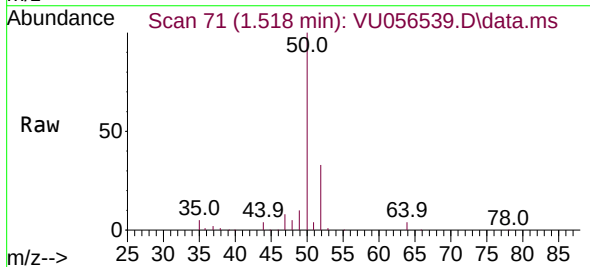
Instrument :
 MSVOA_U
 ClientSampleId :

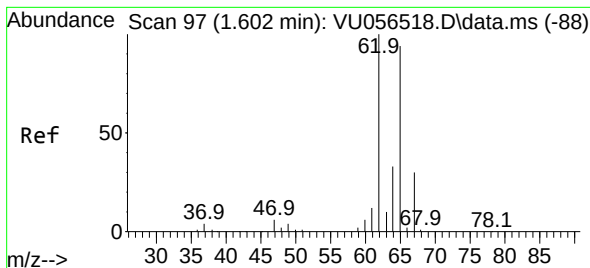
Tgt Ion: 85 Resp: 105431
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.0 37.4



#3
 Chloromethane
 Concen: 3.790 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU056539.D
 Acq: 21 Nov 2023 09:29

Tgt Ion: 50 Resp: 95534
 Ion Ratio Lower Upper
 50 100
 52 33.2 24.3 45.1





#5

Vinyl chloride

Concen: 4.066 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

Instrument :

MSVOA_U

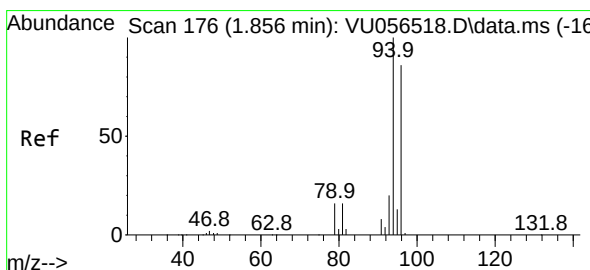
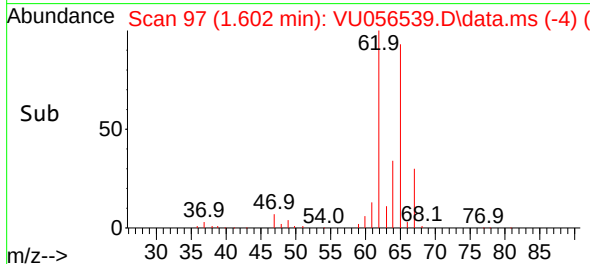
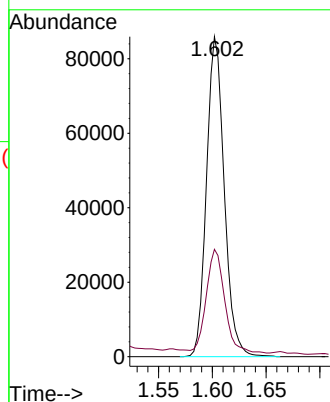
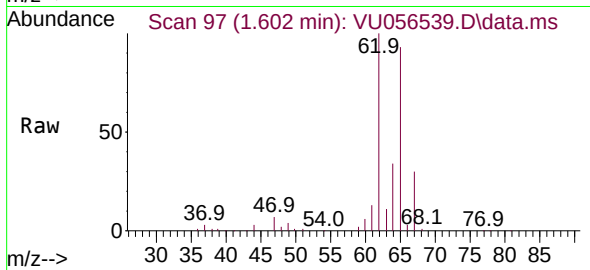
ClientSampleId :

Tgt Ion: 62 Resp: 98734

Ion Ratio Lower Upper

62 100

64 33.6 23.3 43.3



#6

Bromomethane

Concen: 3.925 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU056539.D

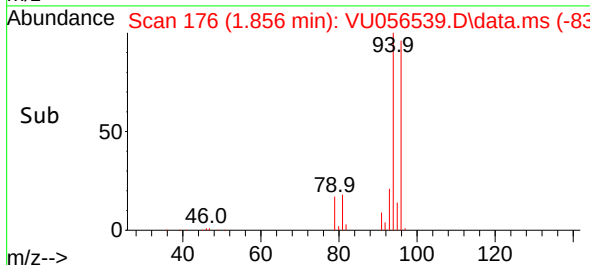
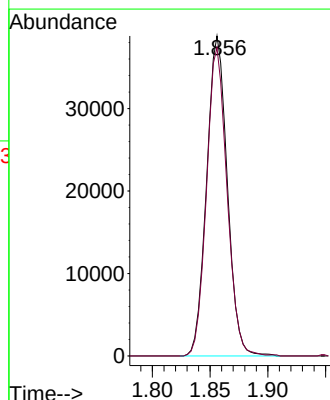
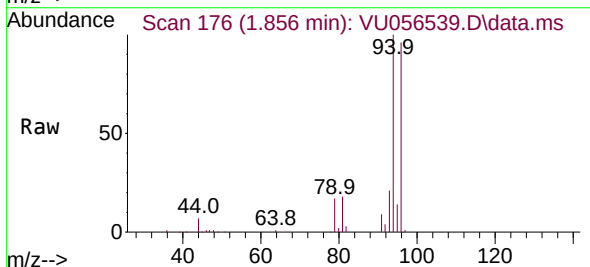
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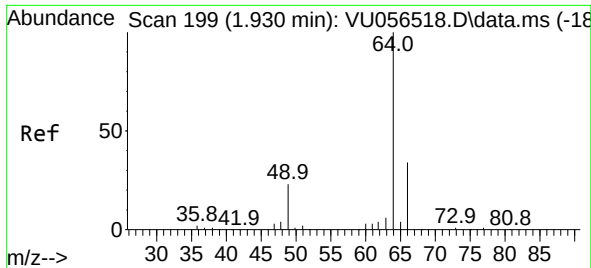
Tgt Ion: 94 Resp: 48243

Ion Ratio Lower Upper

94 100

96 96.3 62.6 116.2

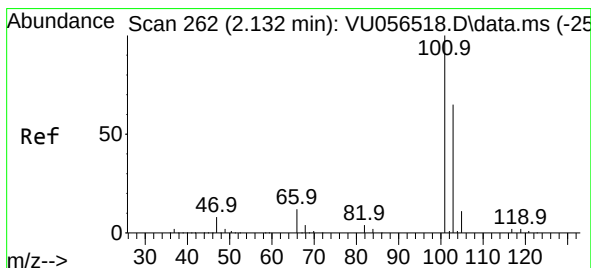
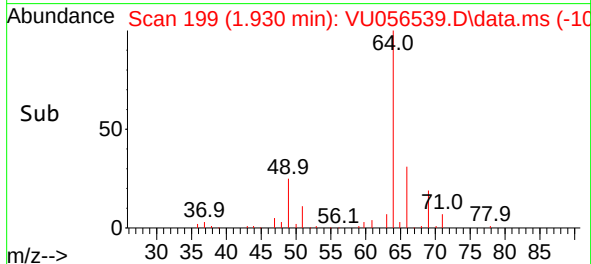
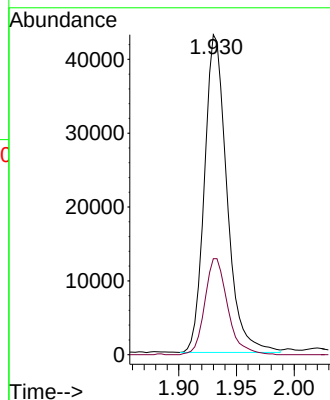
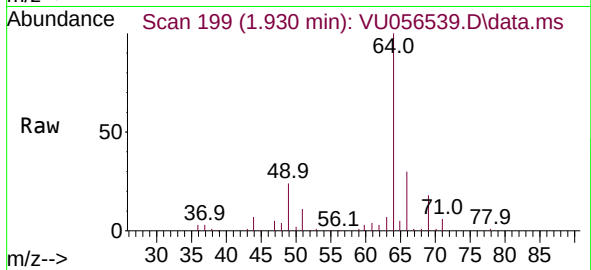




#8
Chloroethane
Concen: 3.943 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

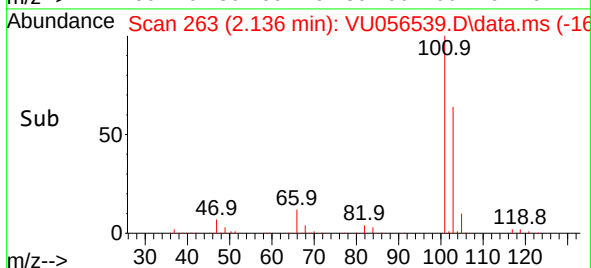
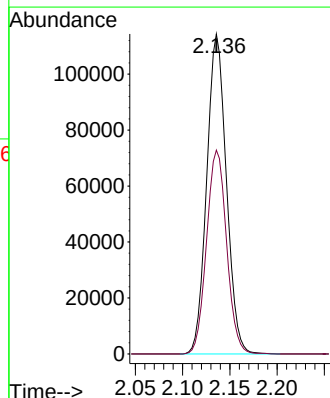
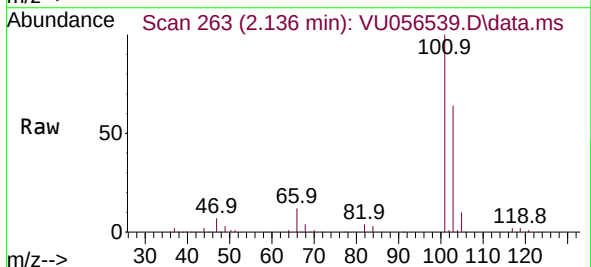
Instrument :
MSVOA_U
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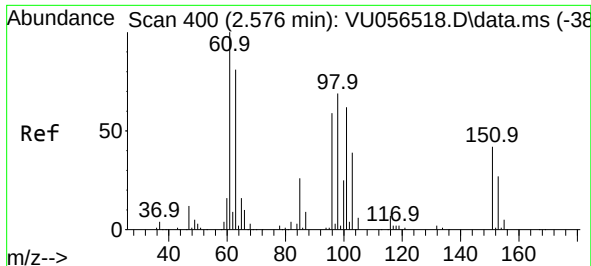
Tgt Ion: 64 Resp: 58490
Ion Ratio Lower Upper
64 100
66 30.0 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.720 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

Tgt Ion: 101 Resp: 165199
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0

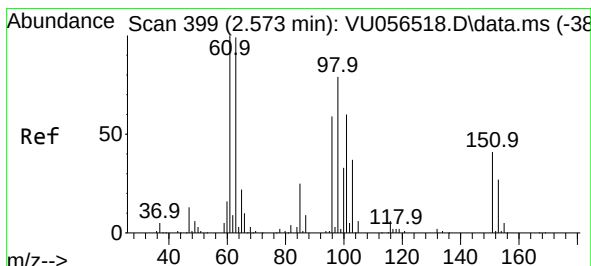
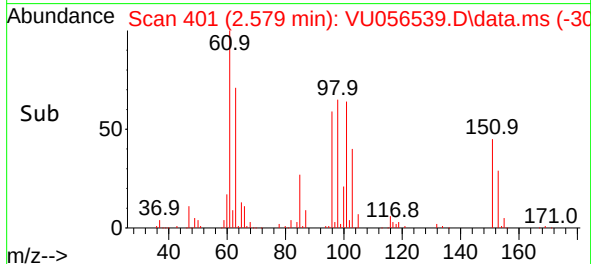
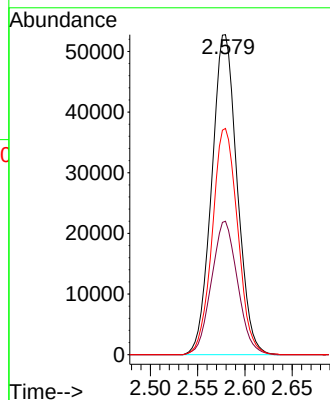
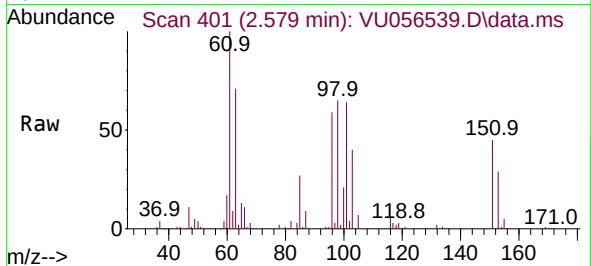




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.757 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU056539.D
 Acq: 21 Nov 2023 09:29

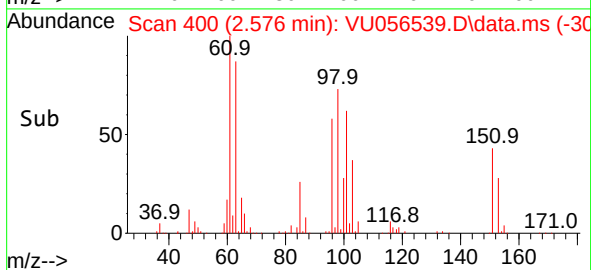
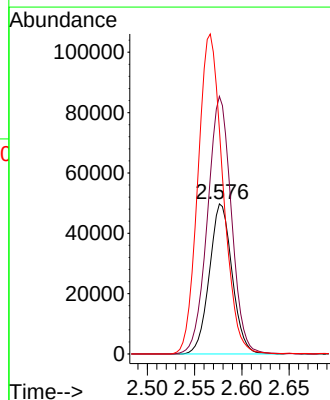
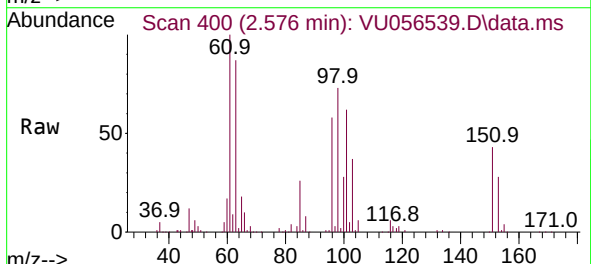
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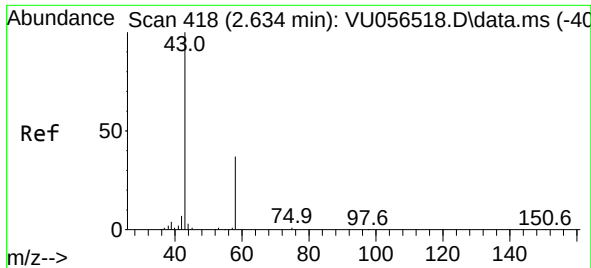
Tgt Ion:101 Resp: 98829
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.4 53.0
 151 70.7 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 4.361 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU056539.D
 Acq: 21 Nov 2023 09:29

Tgt Ion: 96 Resp: 83099
 Ion Ratio Lower Upper
 96 100
 61 171.6 123.1 228.7
 63 149.6 93.3 173.3





#13

Acetone

Concen: 40.758 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

Instrument :

MSVOA_U

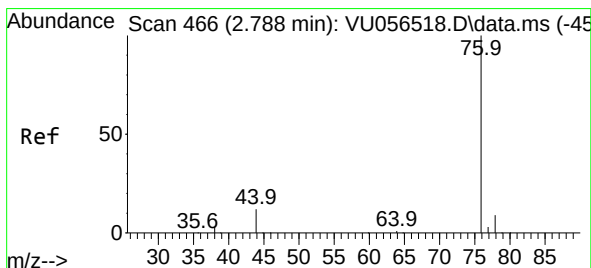
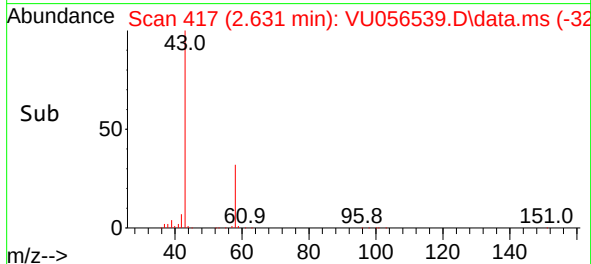
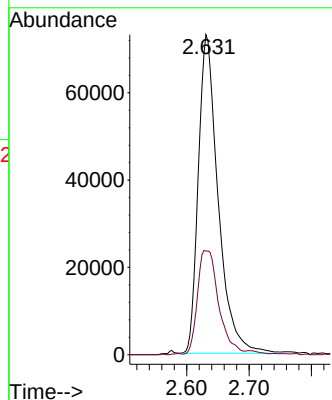
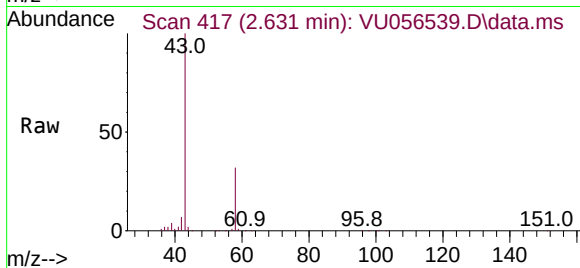
ClientSampleId :

Tgt Ion: 43 Resp: 161172

Ion Ratio Lower Upper

43 100

58 34.4 0.0 70.0



#14

Carbon disulfide

Concen: 3.743 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU056539.D

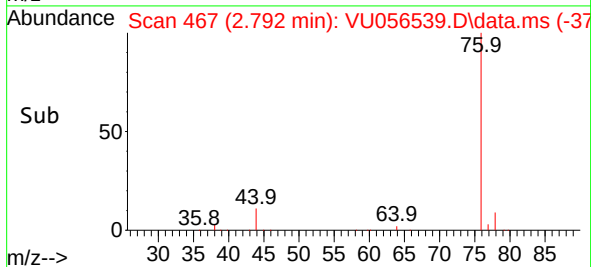
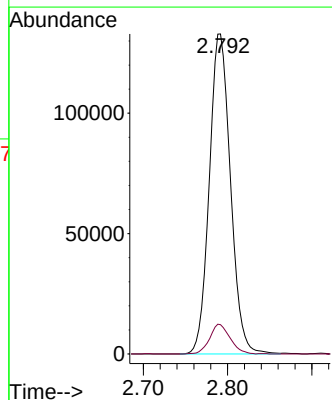
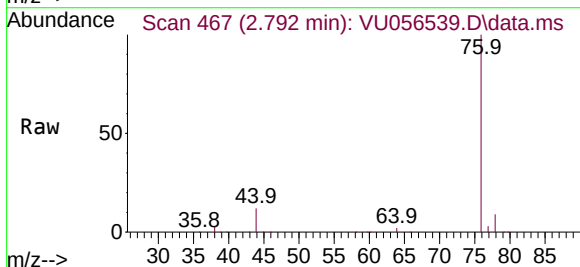
Acq: 21 Nov 2023 09:29

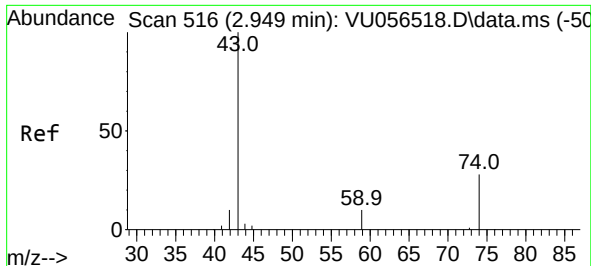
Tgt Ion: 76 Resp: 232129

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2

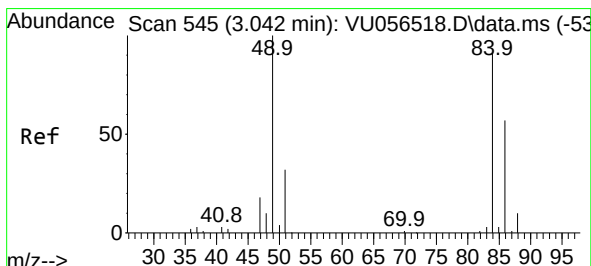
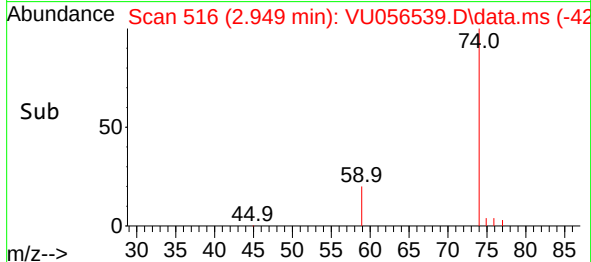
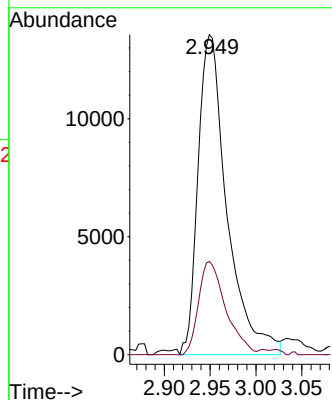
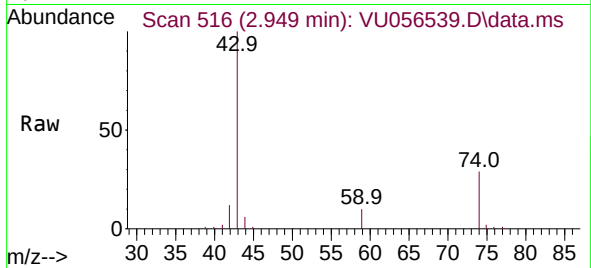




#15
Methyl Acetate
Concen: 4.226 ug/L
RT: 2.949 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

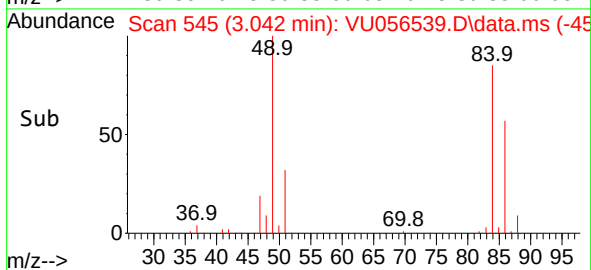
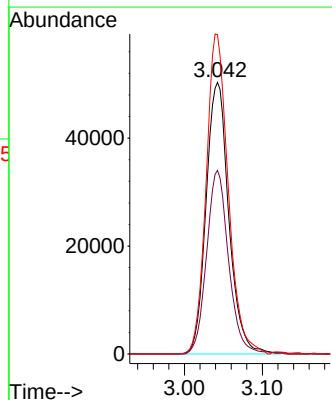
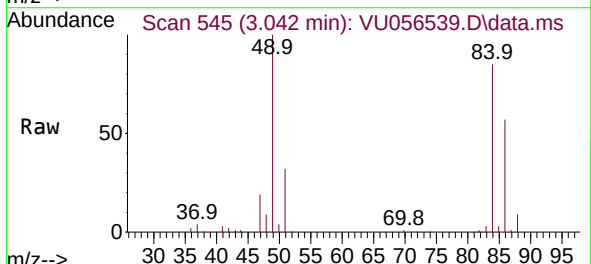
Instrument :
MSVOA_U
ClientSampleId :

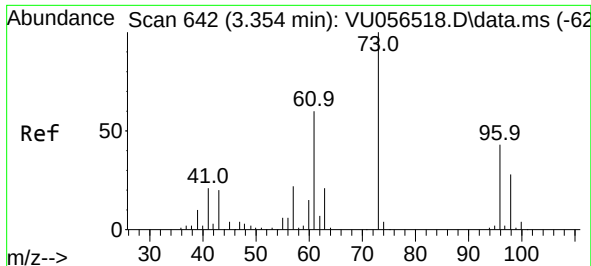
Tgt Ion: 43 Resp: 29738
Ion Ratio Lower Upper
43 100
74 27.4 20.6 31.0



#16
Methylene chloride
Concen: 4.037 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

Tgt Ion: 84 Resp: 101810
Ion Ratio Lower Upper
84 100
86 67.6 44.7 83.1
49 117.6 81.8 152.0

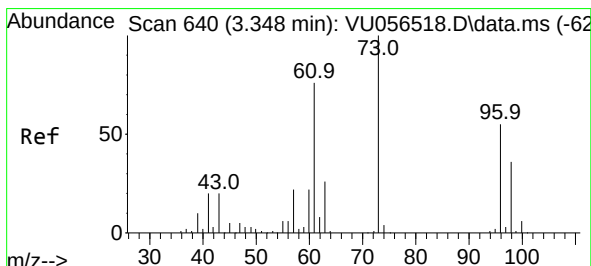
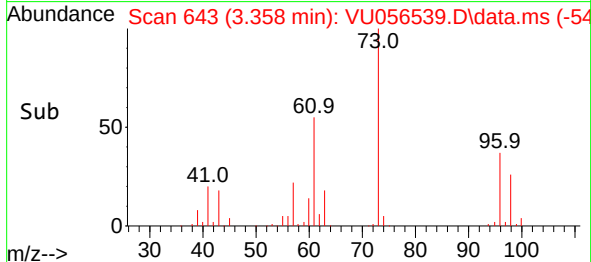
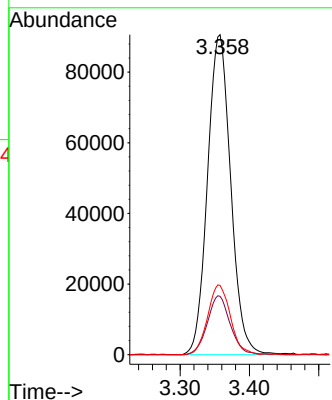
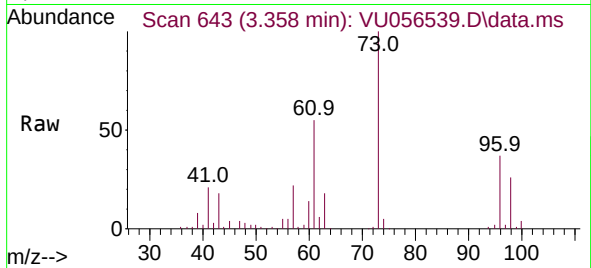




#17
Methyl tert-butyl Ether
Concen: 4.546 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

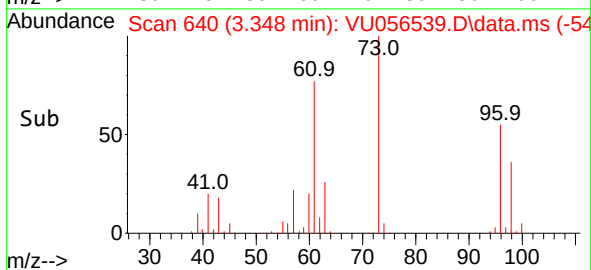
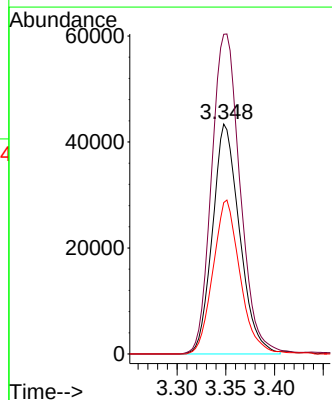
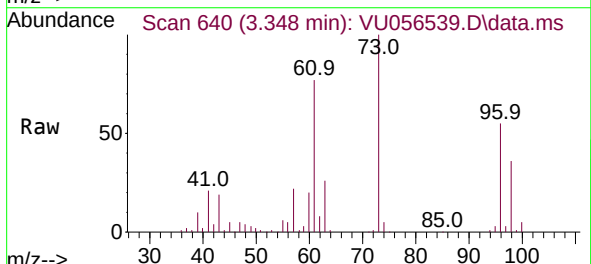
Instrument :
MSVOA_U
ClientSampleId :

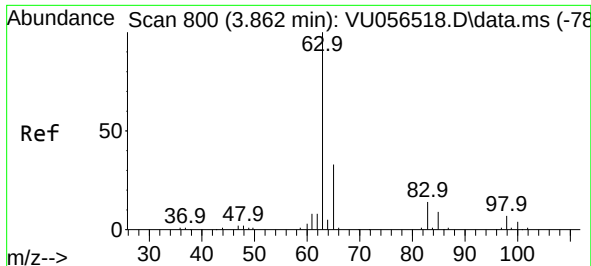
Tgt Ion: 73 Resp: 210494
Ion Ratio Lower Upper
73 100
43 18.2 15.1 22.7
57 21.4 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.275 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

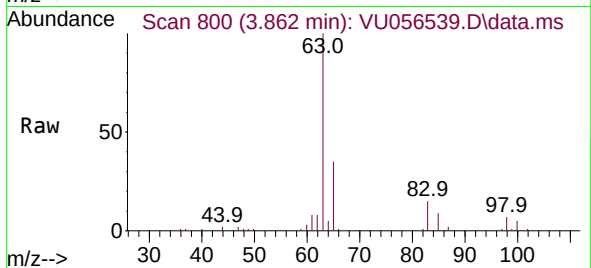
Tgt Ion: 96 Resp: 83824
Ion Ratio Lower Upper
96 100
61 139.0 101.7 188.9
98 65.8 43.0 80.0



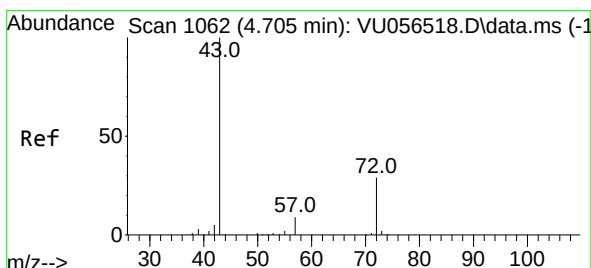
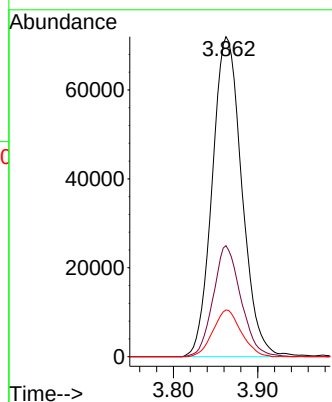
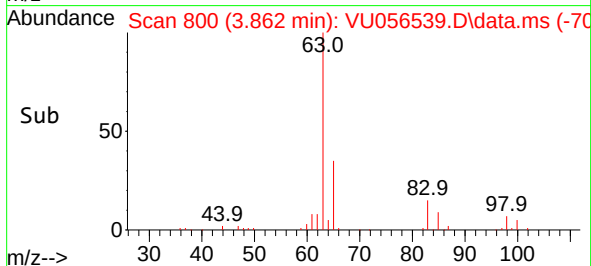


#19
1,1-Dichloroethane
Concen: 4.504 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

Instrument :
MSVOA_U
ClientSampleId :

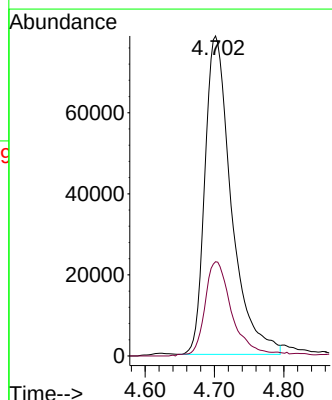
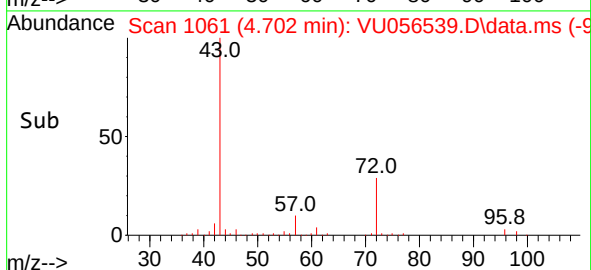
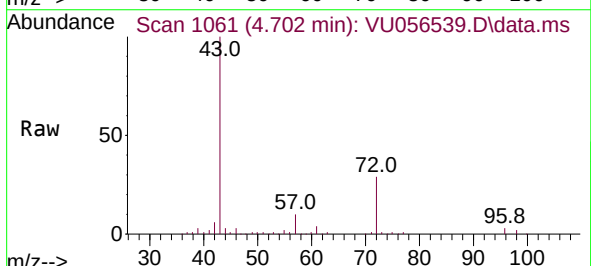


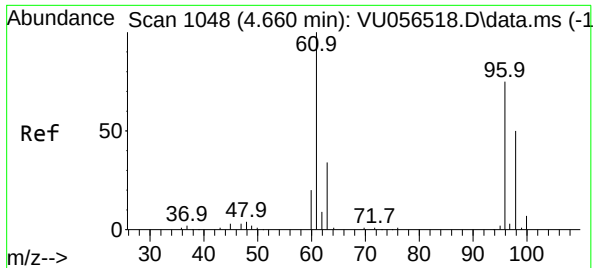
Tgt Ion: 63 Resp: 174921
Ion Ratio Lower Upper
63 100
65 34.7 21.8 40.6
83 14.6 9.7 17.9



#21
2-Butanone
Concen: 40.618 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

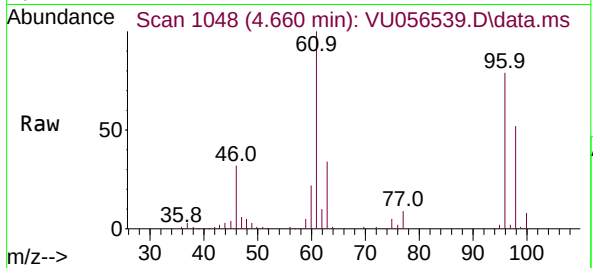
Tgt Ion: 43 Resp: 208421
Ion Ratio Lower Upper
43 100
72 30.0 14.2 42.6



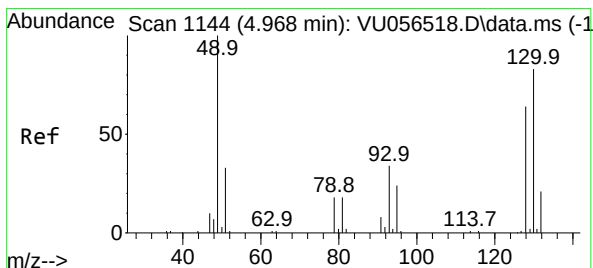
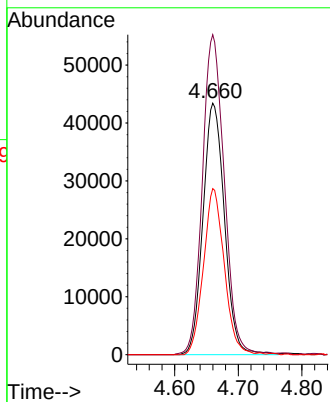
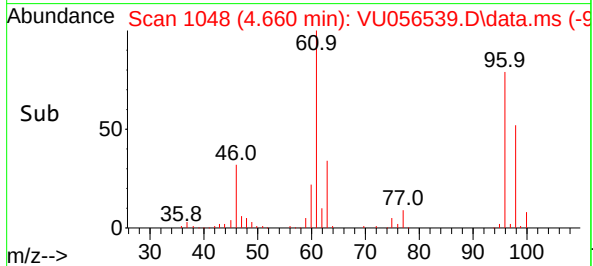


#22
 cis-1,2-Dichloroethene
 Concen: 4.582 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056539.D
 Acq: 21 Nov 2023 09:29

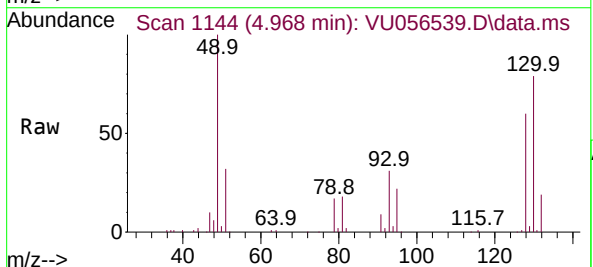
Instrument :
 MSVOA_U
 ClientSampleId :



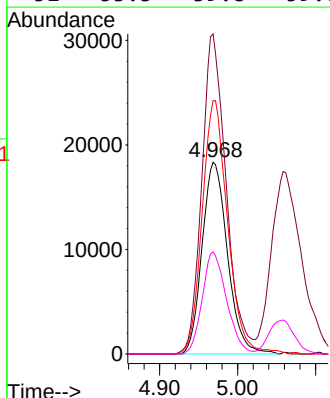
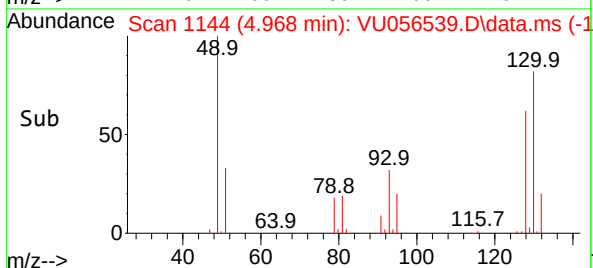
Tgt Ion: 96 Resp: 101894
 Ion Ratio Lower Upper
 96 100
 61 127.2 93.2 173.2
 98 66.1 44.8 83.2

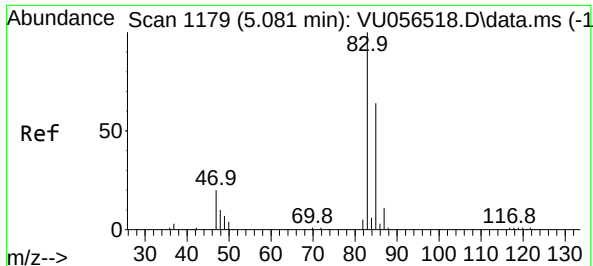


#23
 Bromochloromethane
 Concen: 4.532 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056539.D
 Acq: 21 Nov 2023 09:29



Tgt Ion: 128 Resp: 41476
 Ion Ratio Lower Upper
 128 100
 49 167.0 113.4 210.6
 130 132.2 84.8 157.6
 51 53.3 39.8 59.6





#25

Chloroform

Concen: 4.559 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

Instrument :

MSVOA_U

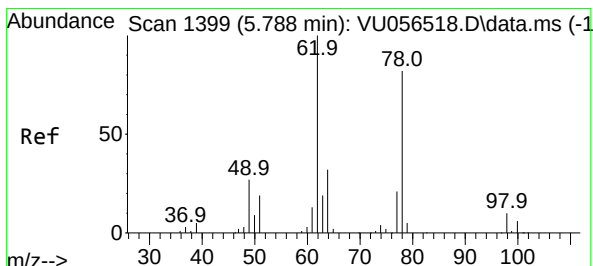
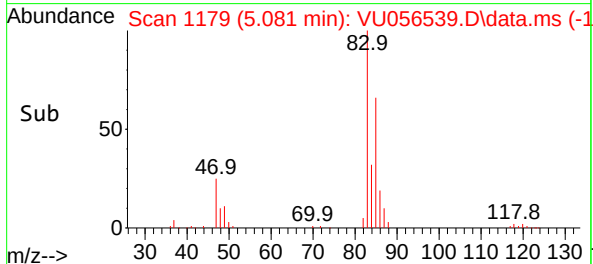
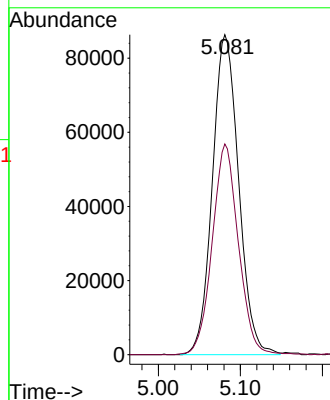
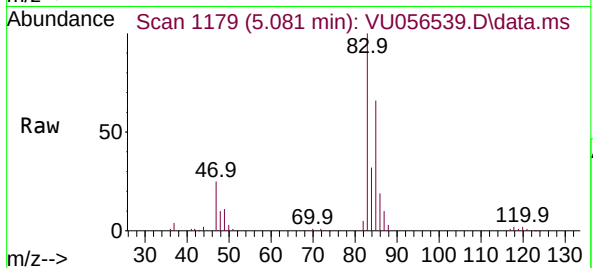
ClientSampleId :

Tgt Ion: 83 Resp: 191853

Ion Ratio Lower Upper

83 100

85 65.9 47.0 87.2



#27

1,2-Dichloroethane

Concen: 4.846 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056539.D

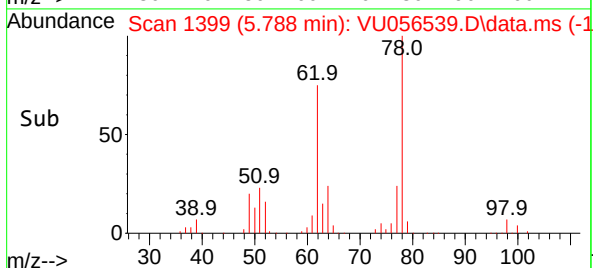
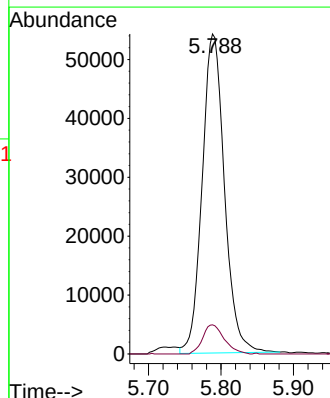
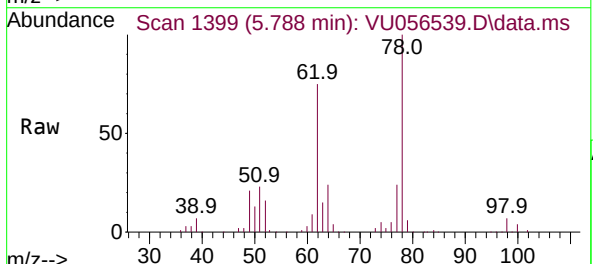
Acq: 21 Nov 2023 09:29

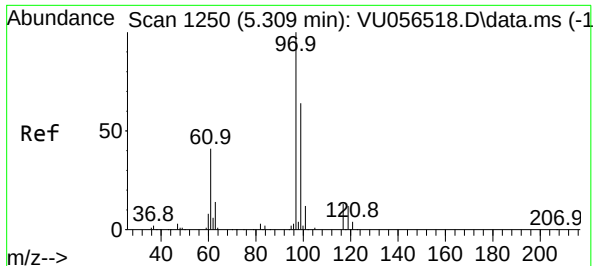
Tgt Ion: 62 Resp: 115768

Ion Ratio Lower Upper

62 100

98 9.1 6.6 10.0

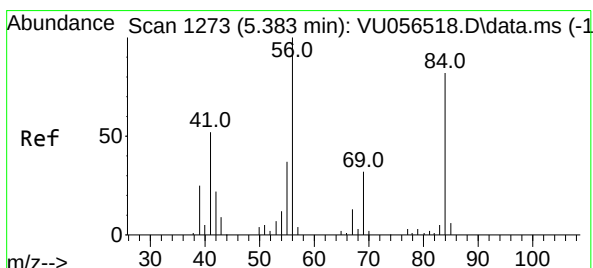
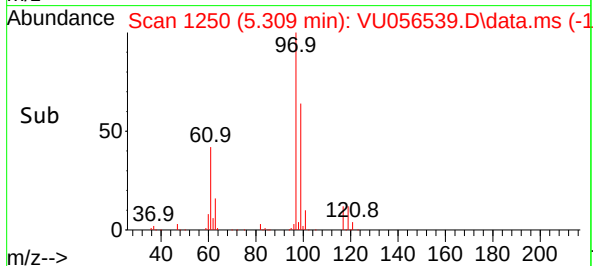
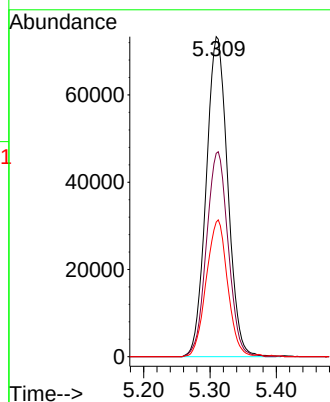
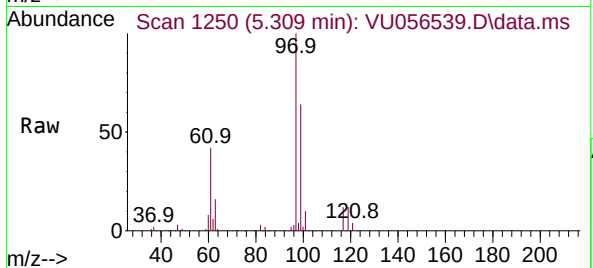




#29
1,1,1-Trichloroethane
Concen: 4.943 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

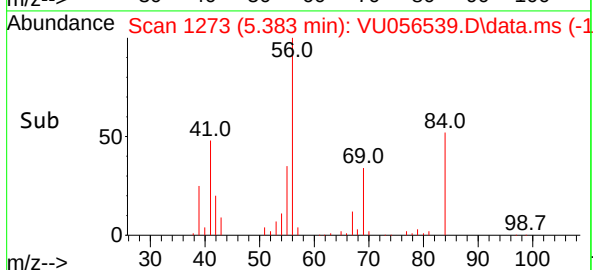
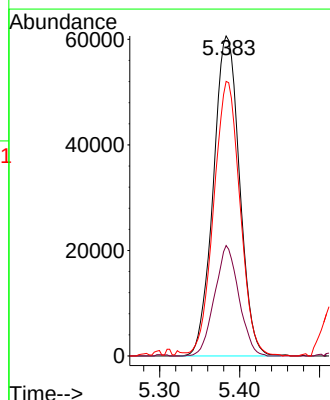
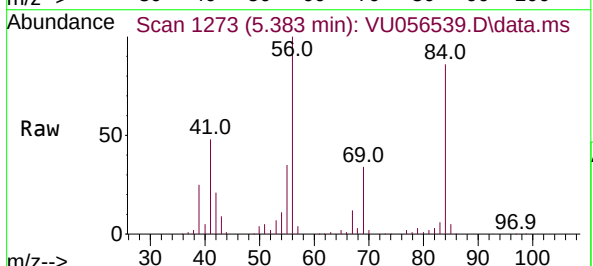
Instrument :
MSVOA_U
ClientSampleId :

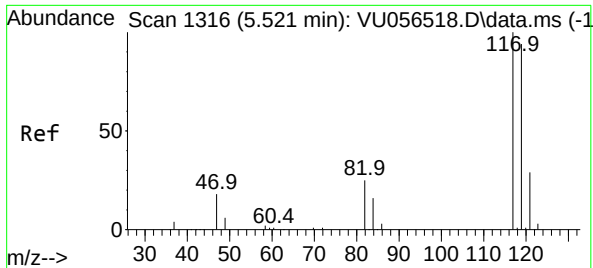
Tgt Ion: 97 Resp: 165638
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 42.3 34.3 51.5



#30
Cyclohexane
Concen: 4.342 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

Tgt Ion: 56 Resp: 138071
Ion Ratio Lower Upper
56 100
69 31.9 25.4 38.2
84 86.4 68.6 103.0

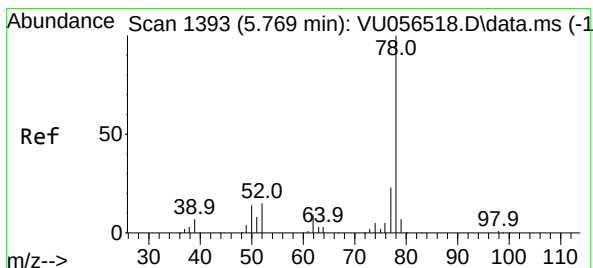
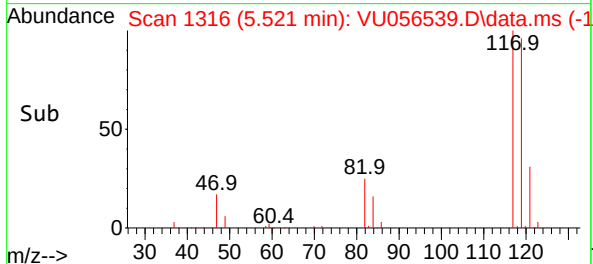
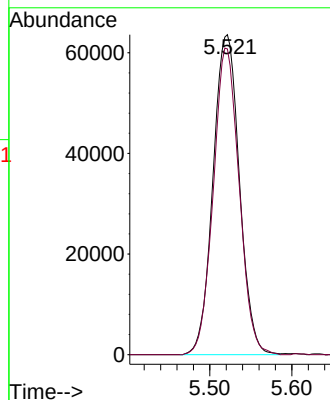
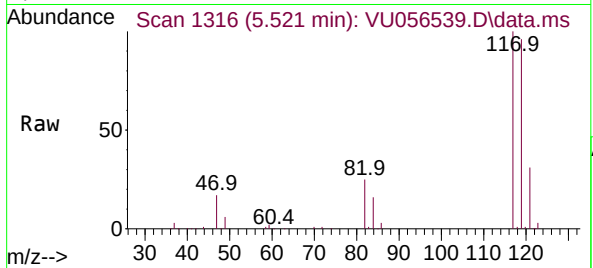




#31
Carbon tetrachloride
Concen: 4.931 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

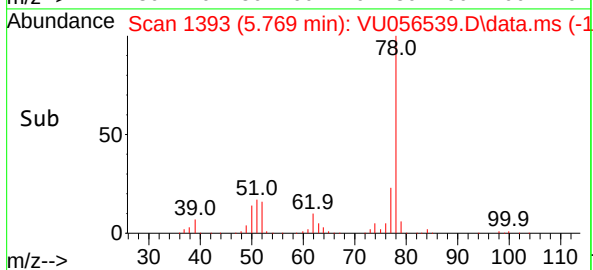
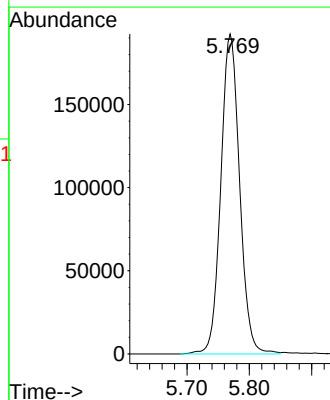
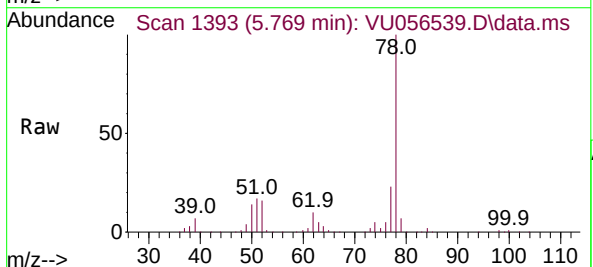
Instrument :
MSVOA_U
ClientSampleId :

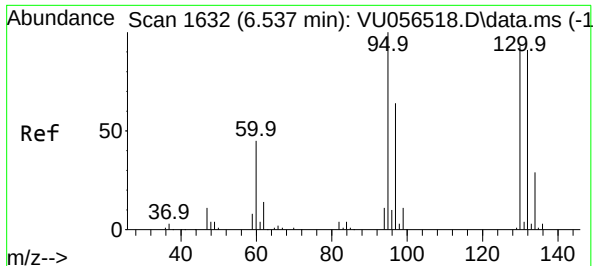
Tgt Ion:117 Resp: 141916
Ion Ratio Lower Upper
117 100
119 94.0 78.1 117.1



#33
Benzene
Concen: 4.830 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

Tgt Ion: 78 Resp: 402263

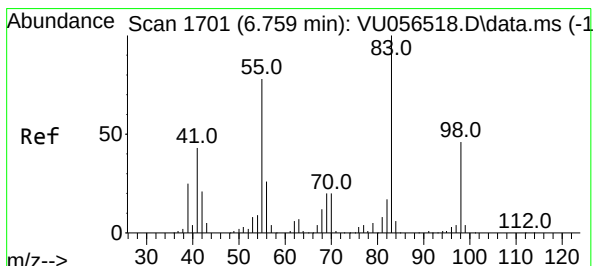
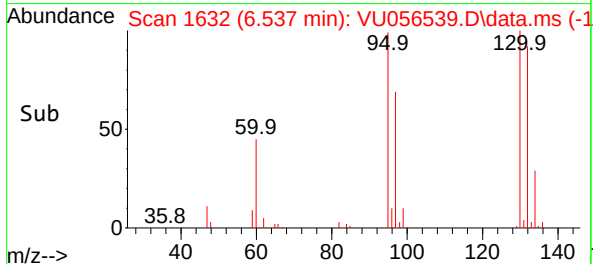
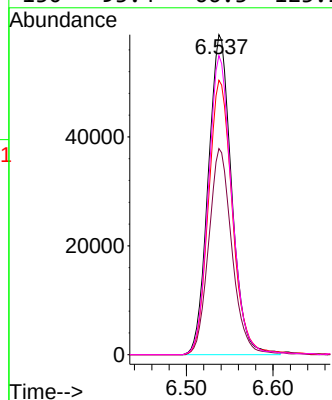
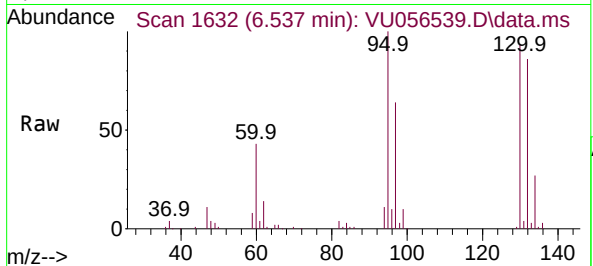




#34
Trichloroethene
Concen: 4.854 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

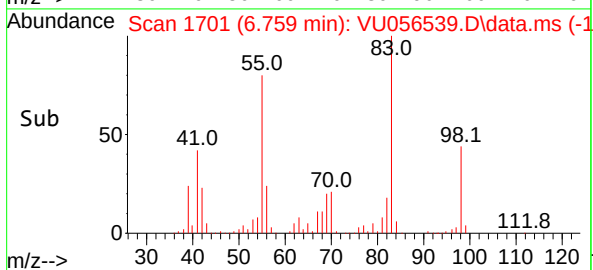
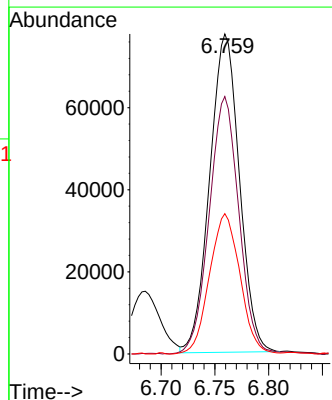
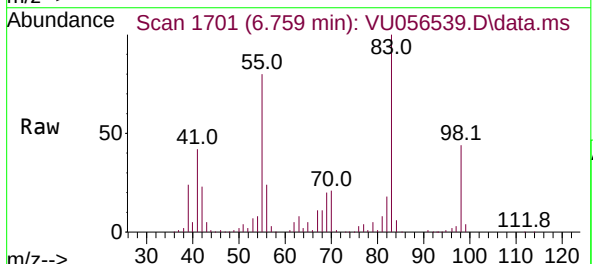
Instrument :
MSVOA_U
ClientSampleId :

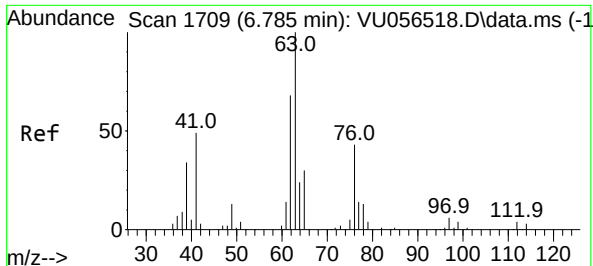
Tgt Ion: 95 Resp: 110156
Ion Ratio Lower Upper
95 100
97 64.4 46.5 86.3
132 85.8 62.0 115.2
130 93.4 66.3 123.1



#35
Methylcyclohexane
Concen: 4.549 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

Tgt Ion: 83 Resp: 149039
Ion Ratio Lower Upper
83 100
55 81.1 62.9 94.3
98 45.2 35.3 52.9





#37

1,2-Dichloropropane

Concen: 4.943 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

Instrument :

MSVOA_U

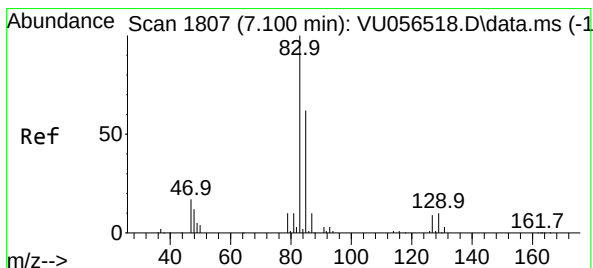
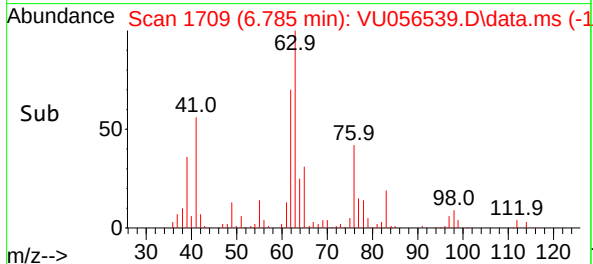
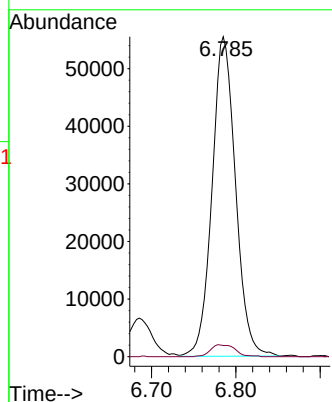
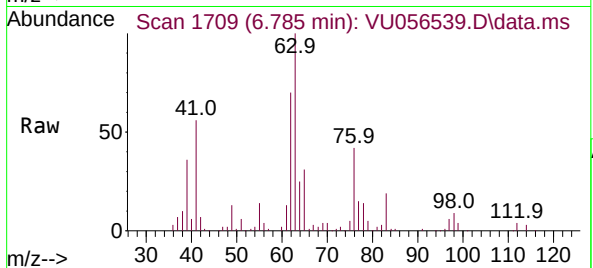
ClientSampleId :

Tgt Ion: 63 Resp: 107376

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 4.830 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

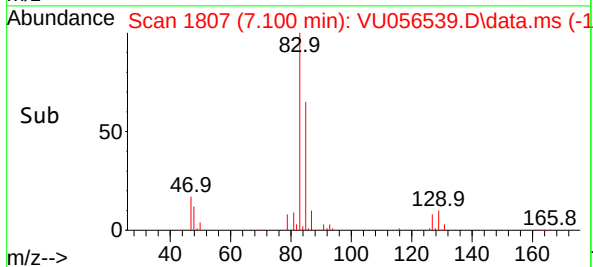
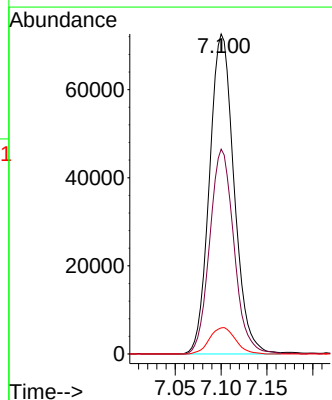
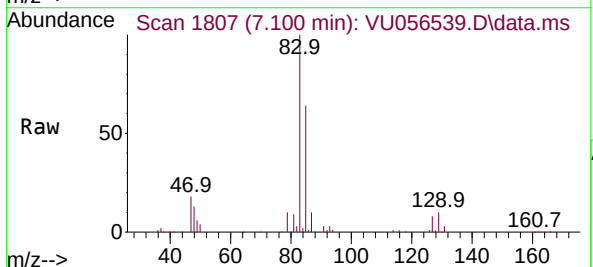
Tgt Ion: 83 Resp: 135440

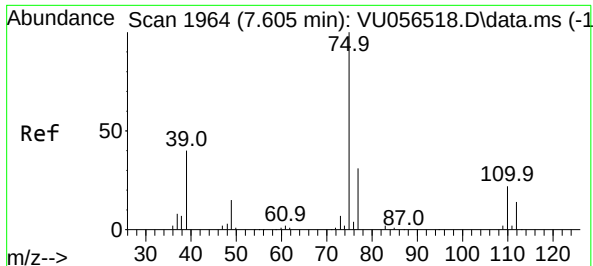
Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.5

127 8.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.710 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.003 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

Instrument :

MSVOA_U

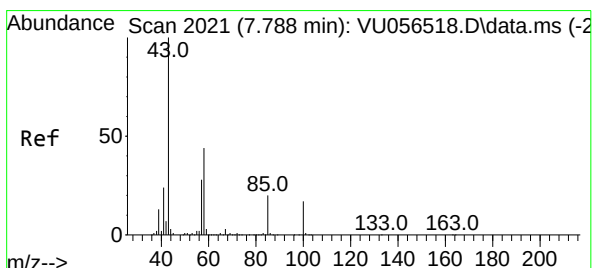
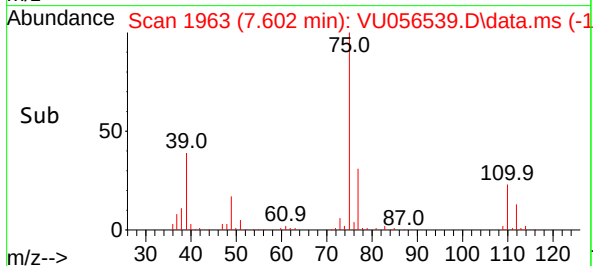
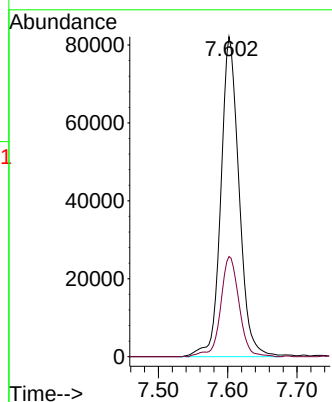
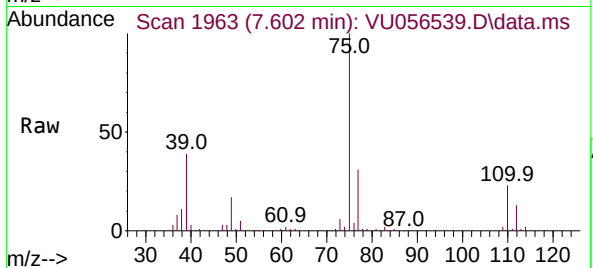
ClientSampleId :

Tgt Ion: 75 Resp: 150338

Ion Ratio Lower Upper

75 100

77 31.3 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 45.005 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

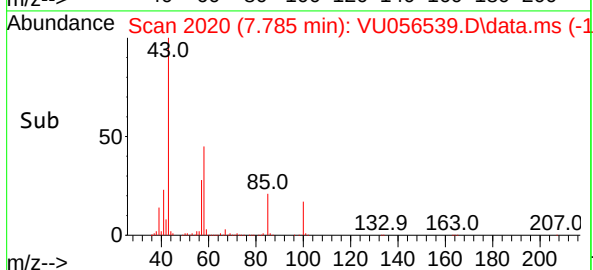
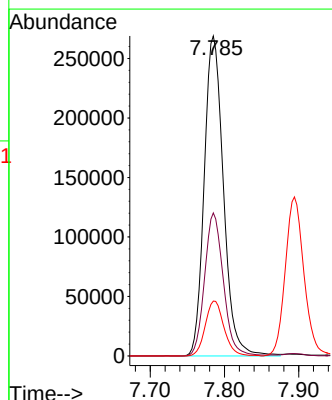
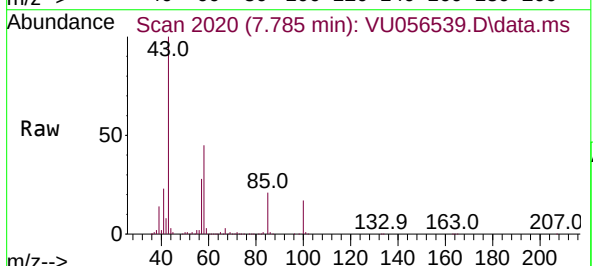
Tgt Ion: 43 Resp: 484578

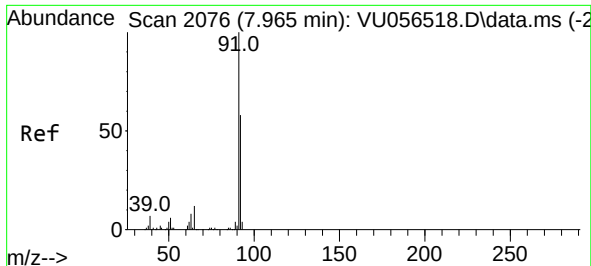
Ion Ratio Lower Upper

43 100

58 43.4 33.8 50.8

100 16.7 13.0 19.4





#42

Toluene

Concen: 4.768 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

Instrument :

MSVOA_U

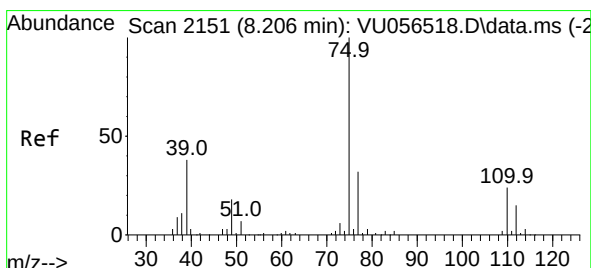
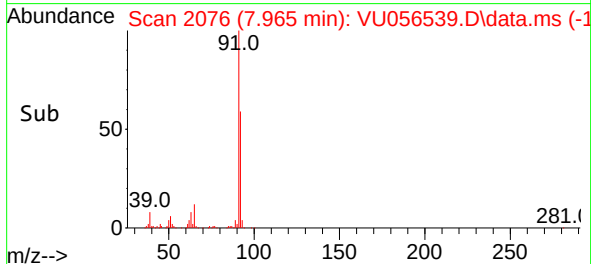
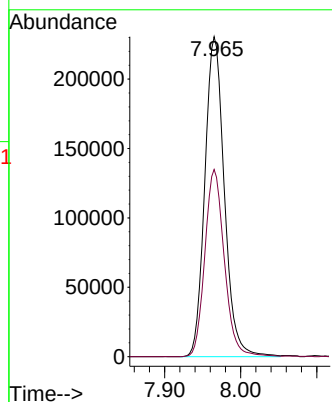
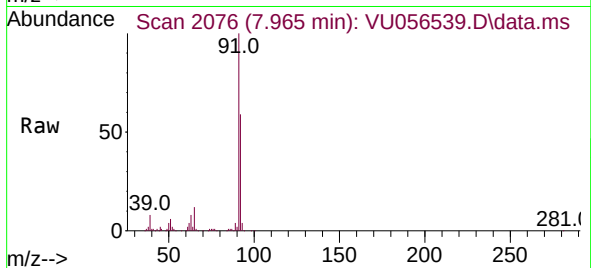
ClientSampleId :

Tgt Ion: 91 Resp: 411142

Ion Ratio Lower Upper

91 100

92 58.5 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.809 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056539.D

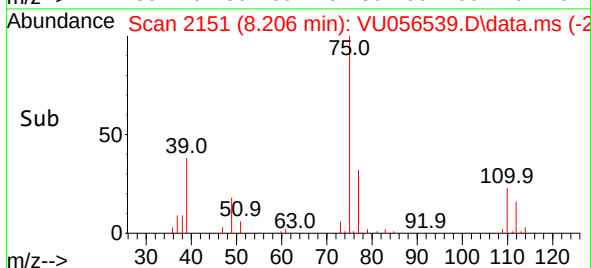
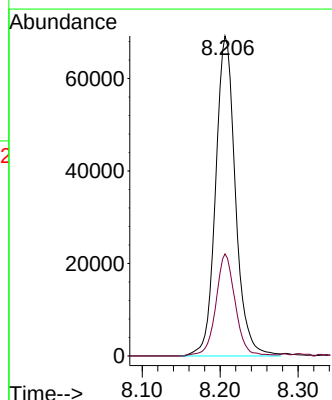
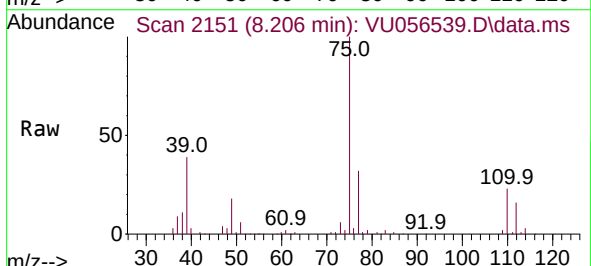
Acq: 21 Nov 2023 09:29

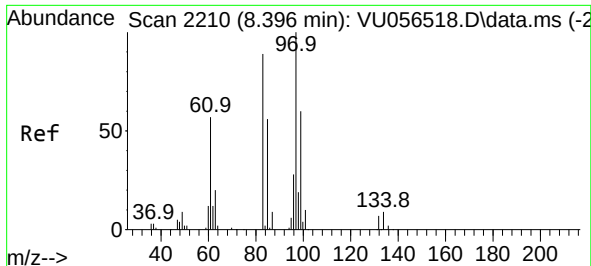
Tgt Ion: 75 Resp: 122371

Ion Ratio Lower Upper

75 100

77 31.9 22.8 42.4

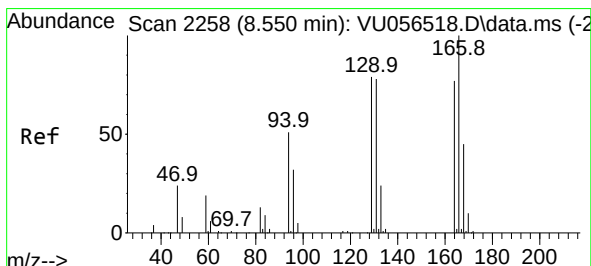
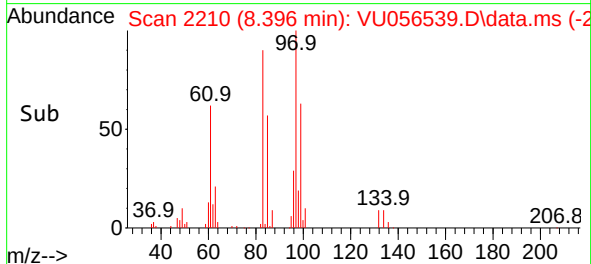
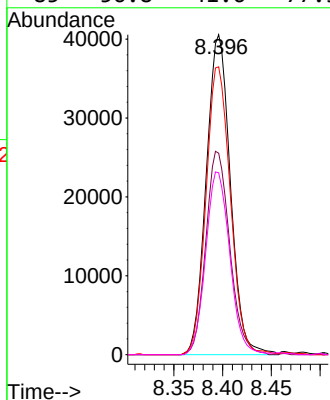
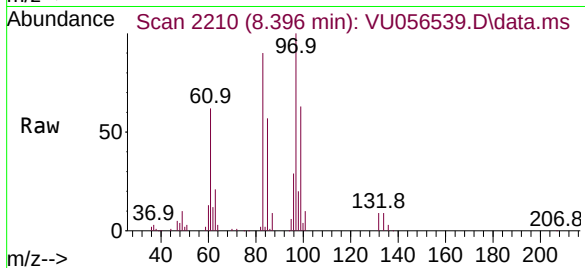




#45
1,1,2-Trichloroethane
Concen: 4.827 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

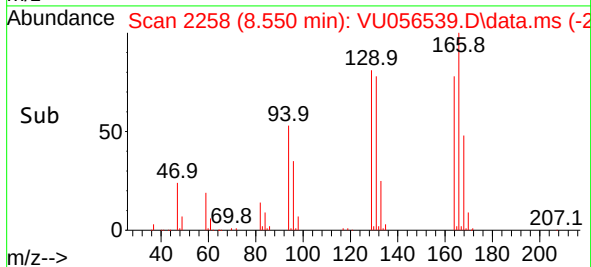
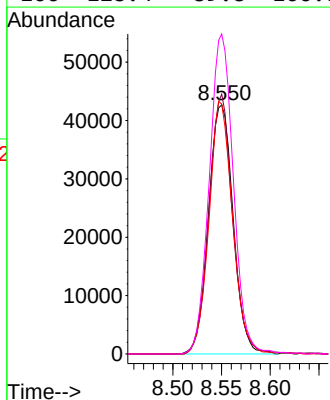
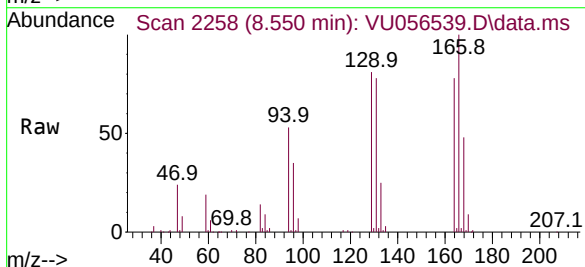
Instrument :
MSVOA_U
ClientSampleId :

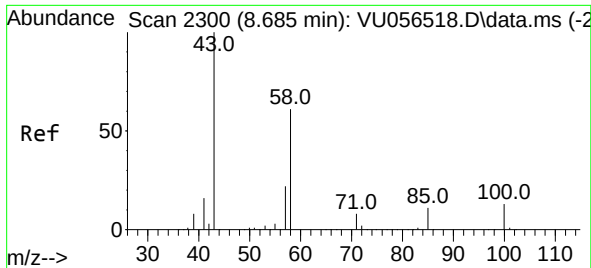
Tgt Ion:	97	Resp:	69820
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.3	82.3
83	90.0	65.4	121.4
85	56.8	41.6	77.3



#47
Tetrachloroethene
Concen: 4.896 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

Tgt Ion:	164	Resp:	74916
Ion	Ratio	Lower	Upper
164	100		
129	104.3	71.0	131.9
131	100.3	70.3	130.7
166	128.4	89.8	166.8



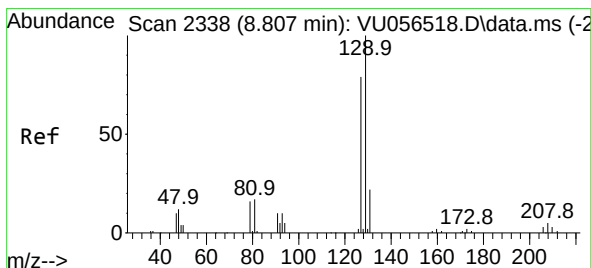
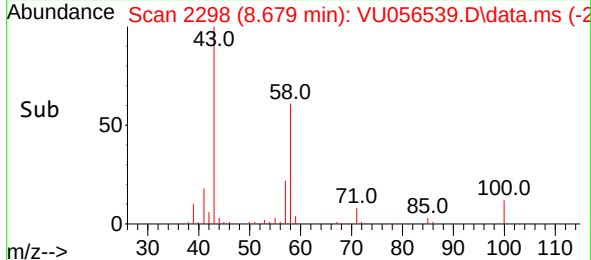
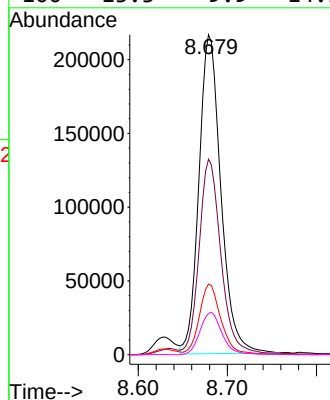
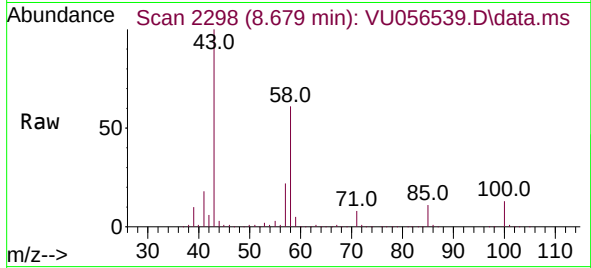


#48
2-Hexanone
Concen: 44.165 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 370464

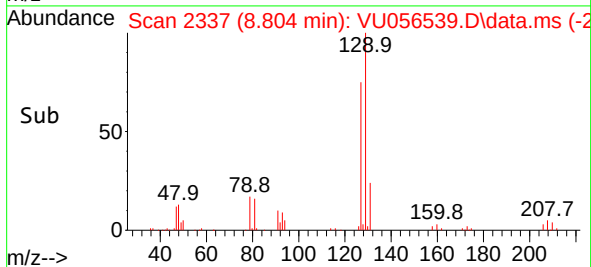
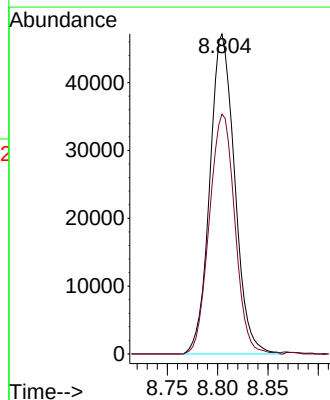
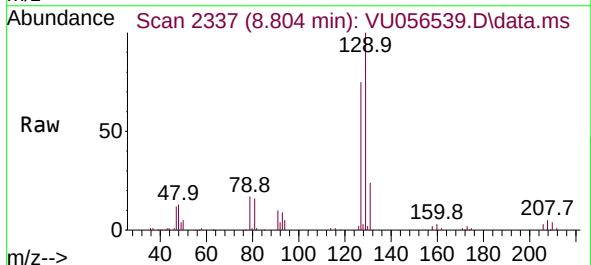
Ion	Ratio	Lower	Upper
43	100		
58	61.0	48.7	73.1
57	21.6	16.8	25.2
100	13.3	9.9	14.9

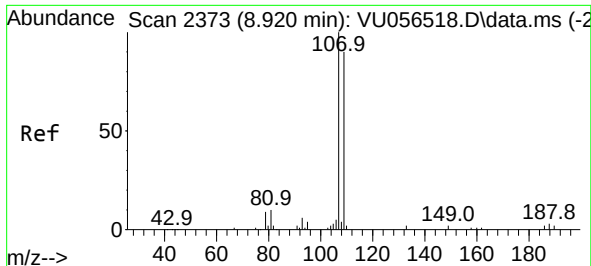


#49
Dibromochloromethane
Concen: 4.934 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.003 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

Tgt Ion: 129 Resp: 81172

Ion	Ratio	Lower	Upper
129	100		
127	74.9	52.9	98.3





#50

1,2-Dibromoethane

Concen: 4.708 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056539.D

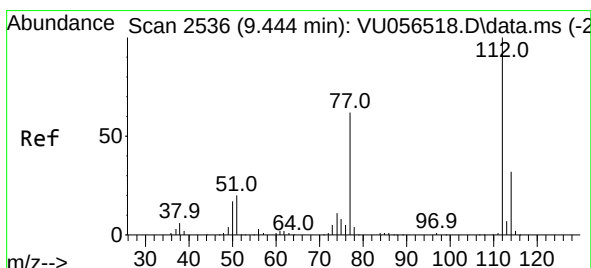
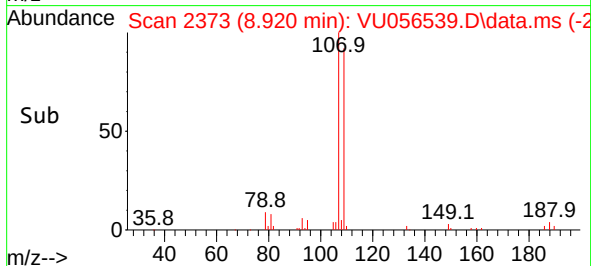
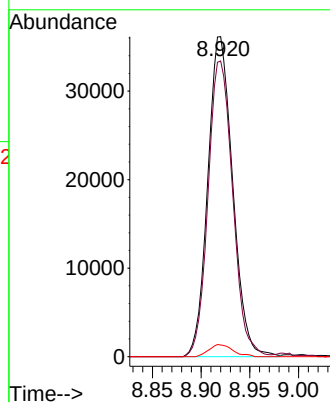
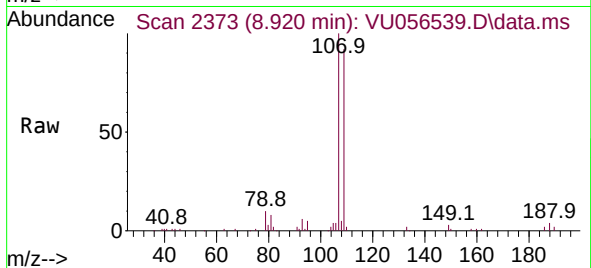
Acq: 21 Nov 2023 09:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	64302
Ion	Ratio	Lower	Upper
107	100		
109	92.4	64.2	119.2
188	3.6	2.6	4.0



#51

Chlorobenzene

Concen: 4.794 ug/L

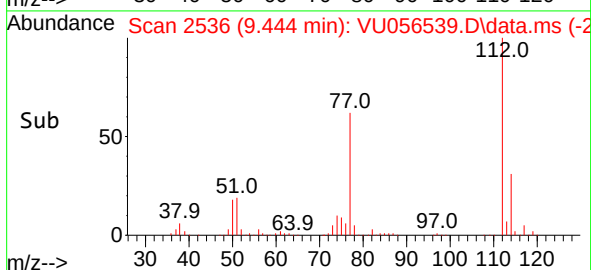
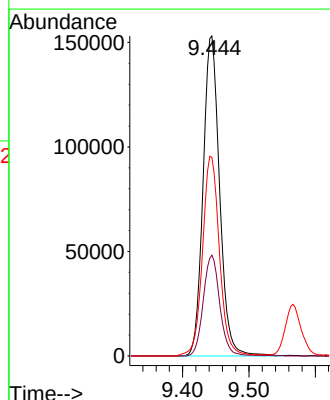
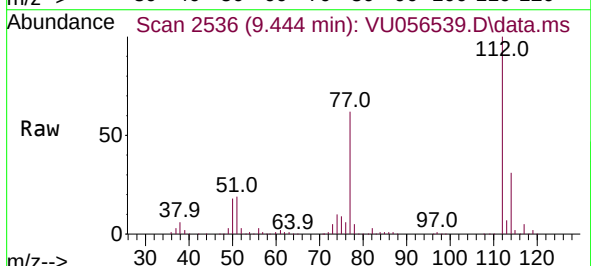
RT: 9.444 min Scan# 2536

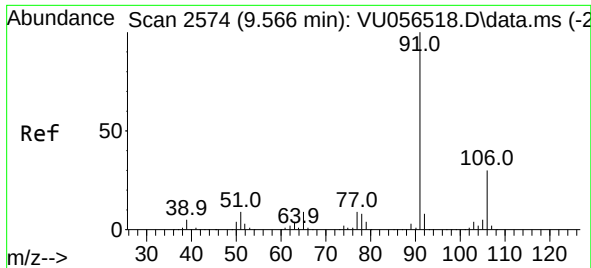
Delta R.T. 0.000 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

Tgt Ion:	112	Resp:	265633
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.5	41.7
77	62.1	51.7	77.5

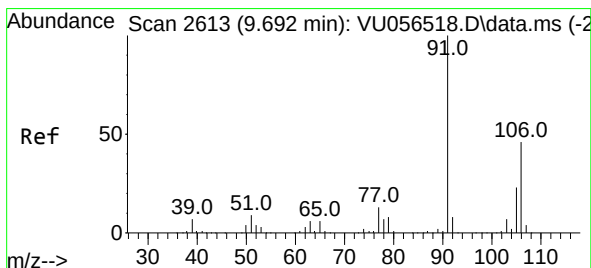
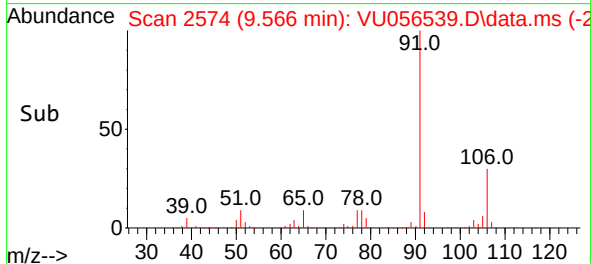
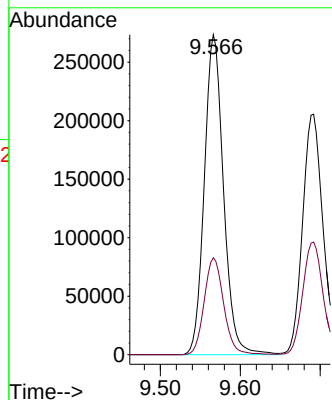
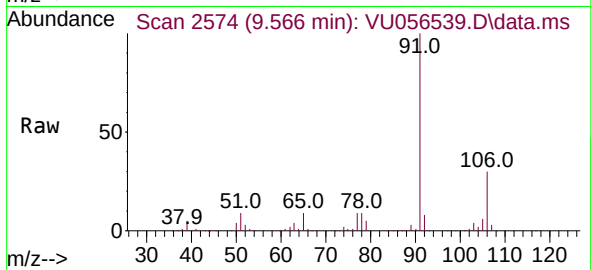




#52
Ethylbenzene
Concen: 4.773 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

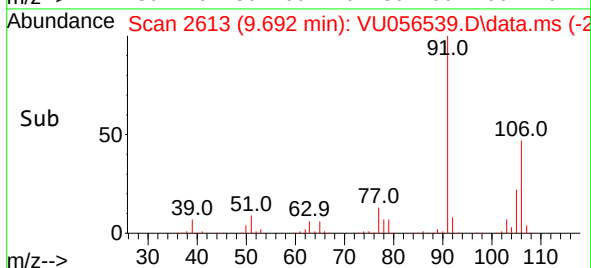
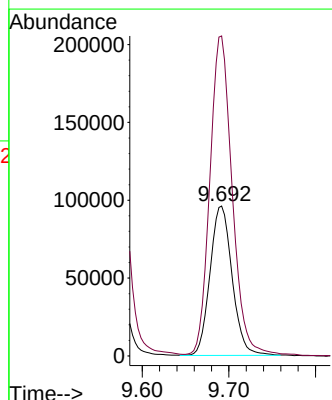
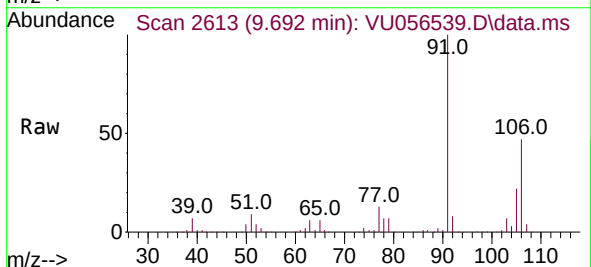
Instrument :
MSVOA_U
ClientSampleId :

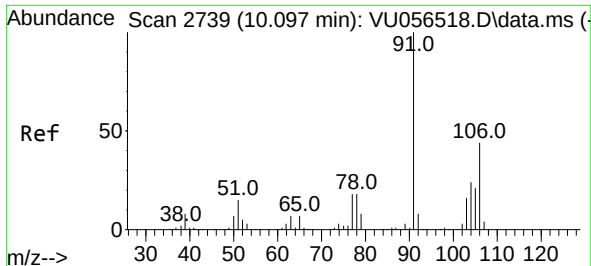
Tgt Ion: 91 Resp: 457059
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.1



#53
m,p-Xylene
Concen: 4.837 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

Tgt Ion: 106 Resp: 170278
Ion Ratio Lower Upper
106 100
91 213.5 149.6 277.8

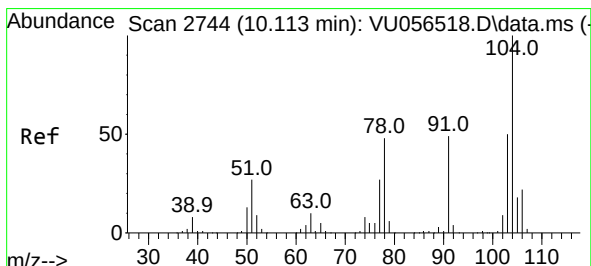
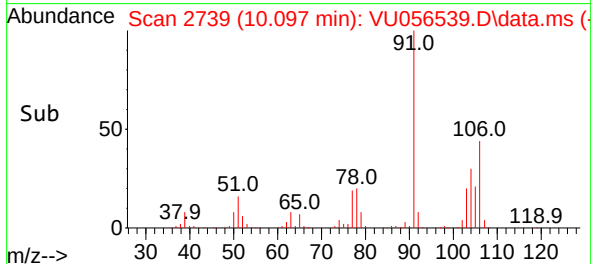
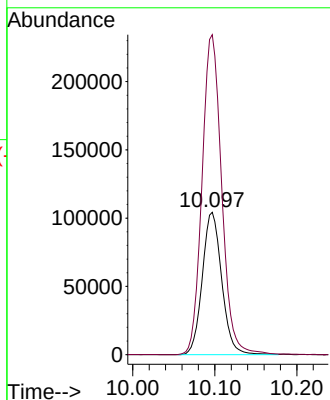
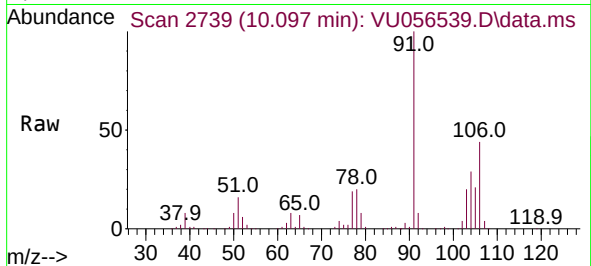




#54
o-Xylene
Concen: 5.034 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

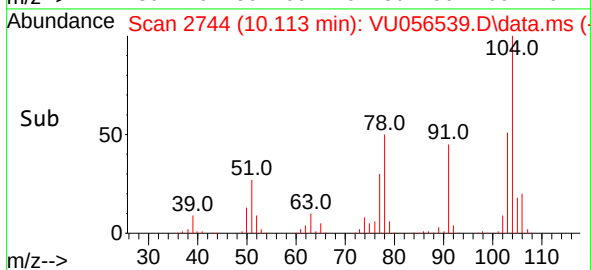
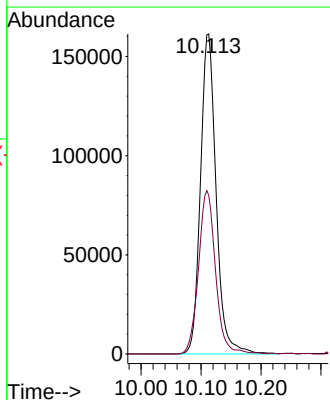
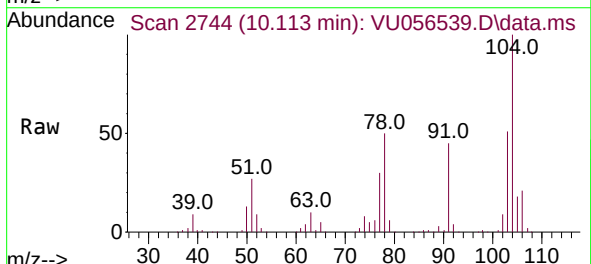
Instrument :
MSVOA_U
ClientSampleId :

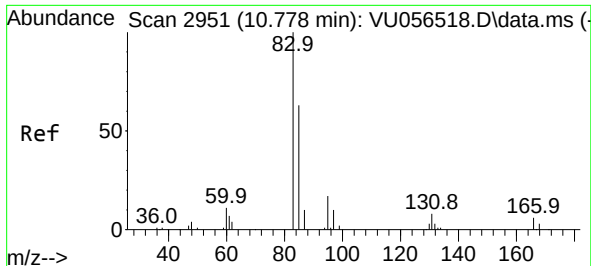
Tgt Ion:106 Resp: 172124
Ion Ratio Lower Upper
106 100
91 224.8 159.3 295.9



#55
Styrene
Concen: 5.159 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

Tgt Ion:104 Resp: 293415
Ion Ratio Lower Upper
104 100
78 49.6 34.2 63.6

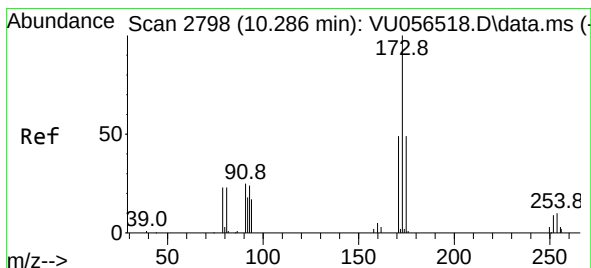
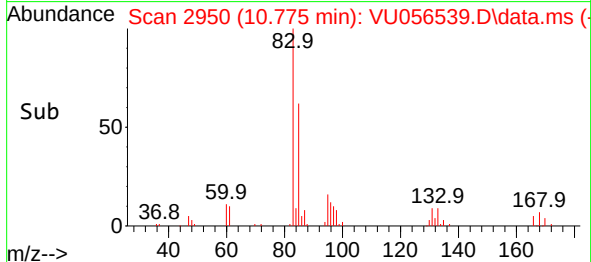
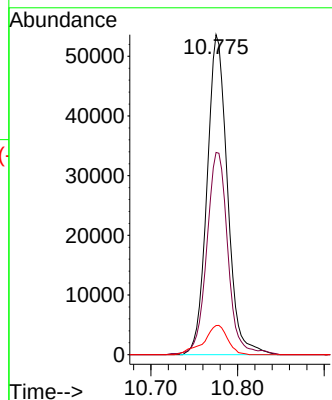
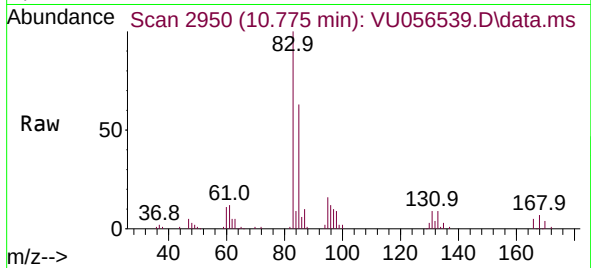




#57
1,1,2,2-Tetrachloroethane
Concen: 4.971 ug/L
RT: 10.775 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

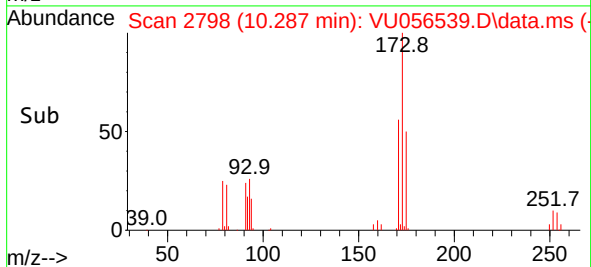
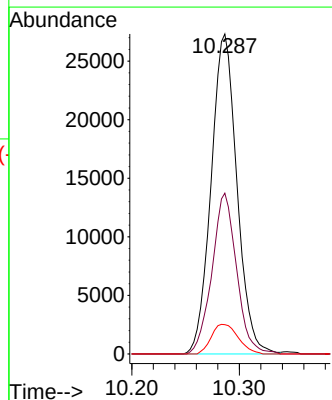
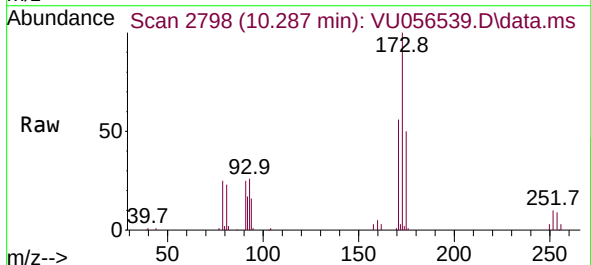
Instrument :
MSVOA_U
ClientSampleId :

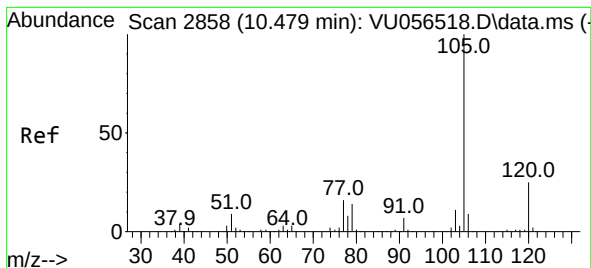
Tgt Ion: 83 Resp: 87796
Ion Ratio Lower Upper
83 100
85 63.2 46.3 86.1
131 9.1 6.7 10.1



#59
Bromoform
Concen: 5.007 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

Tgt Ion:173 Resp: 45617
Ion Ratio Lower Upper
173 100
175 47.8 38.9 58.3
254 9.6 6.7 10.1





#60

Isopropylbenzene

Concen: 5.090 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

Instrument :

MSVOA_U

ClientSampleId :

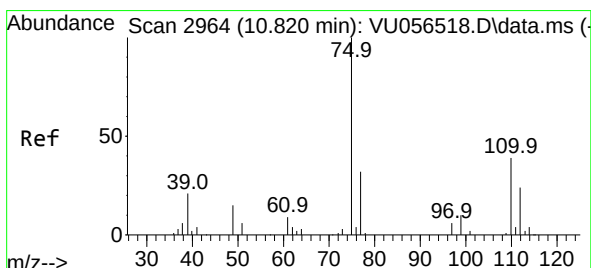
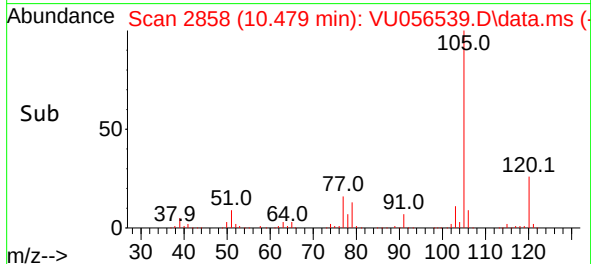
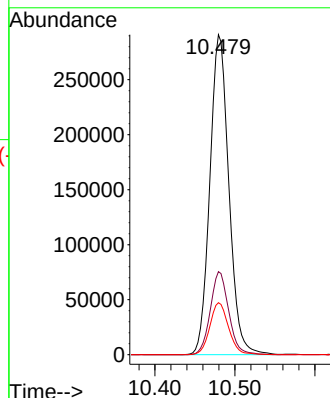
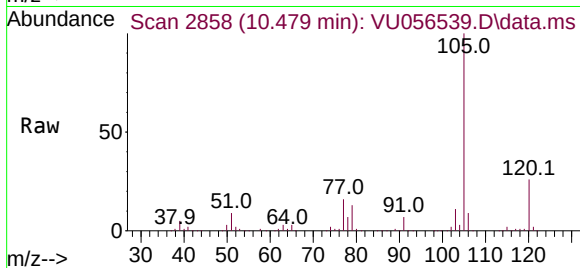
Tgt Ion:105 Resp: 480061

Ion Ratio Lower Upper

105 100

120 25.2 20.4 30.6

77 16.0 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 4.735 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.003 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

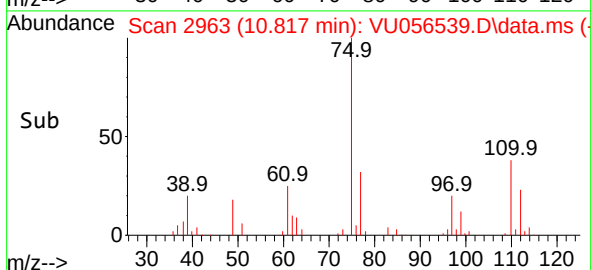
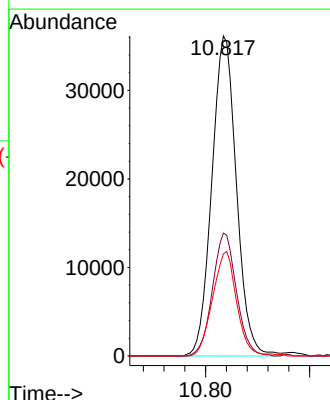
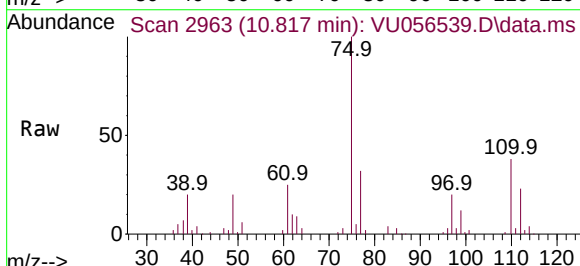
Tgt Ion: 75 Resp: 59413

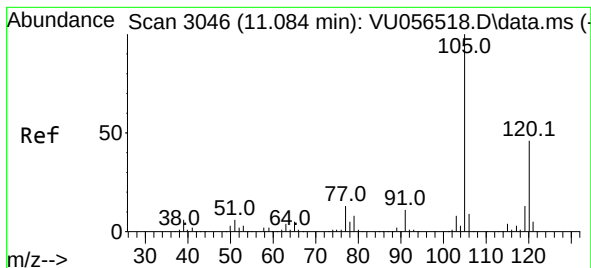
Ion Ratio Lower Upper

75 100

110 37.3 30.4 45.6

77 32.0 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 5.012 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

Instrument :

MSVOA_U

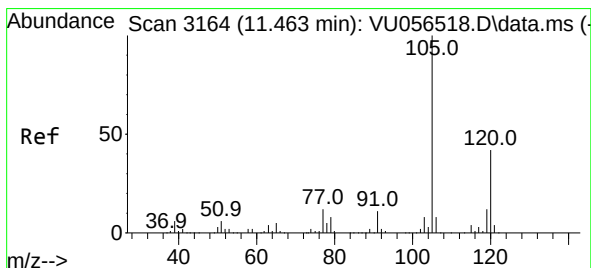
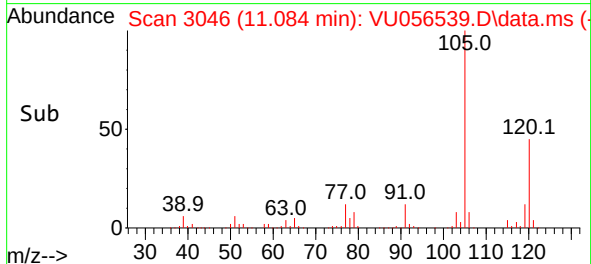
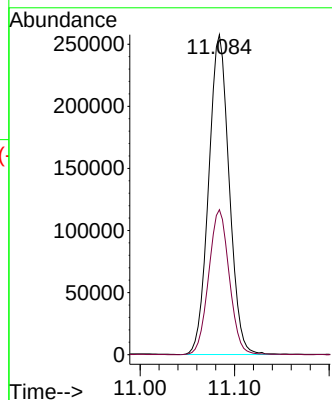
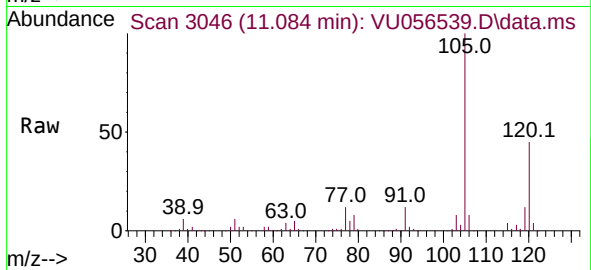
ClientSampleId :

Tgt Ion:105 Resp: 388149

Ion Ratio Lower Upper

105 100

120 45.5 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.066 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU056539.D

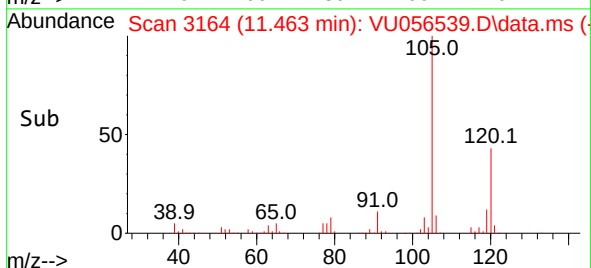
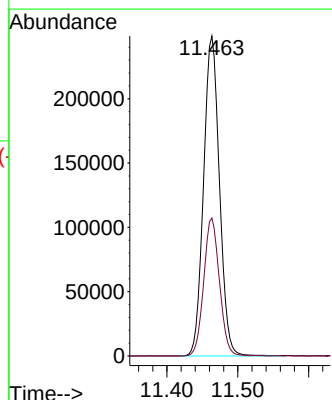
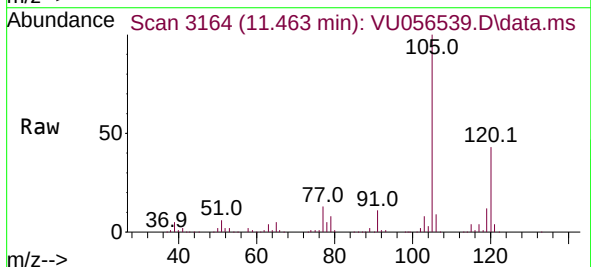
Acq: 21 Nov 2023 09:29

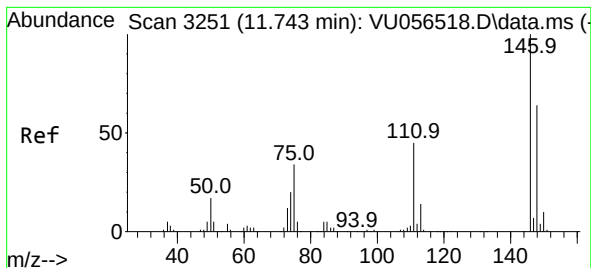
Tgt Ion:105 Resp: 387247

Ion Ratio Lower Upper

105 100

120 42.6 34.0 51.0





#64

1,3-Dichlorobenzene

Concen: 4.907 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

Instrument :

MSVOA_U

ClientSampleId :

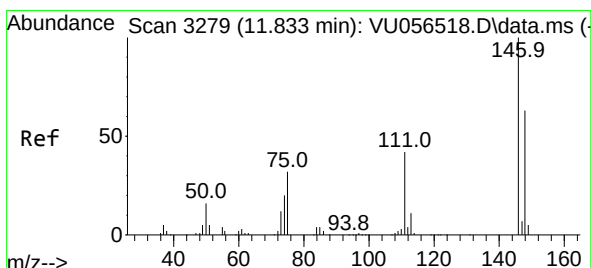
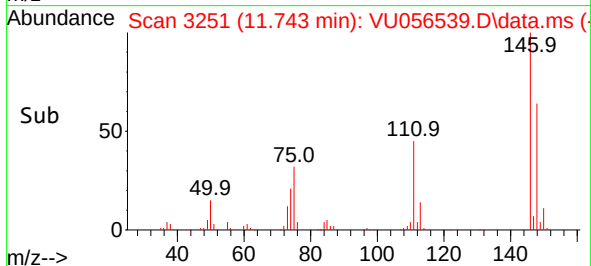
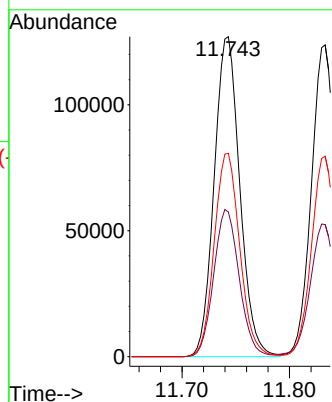
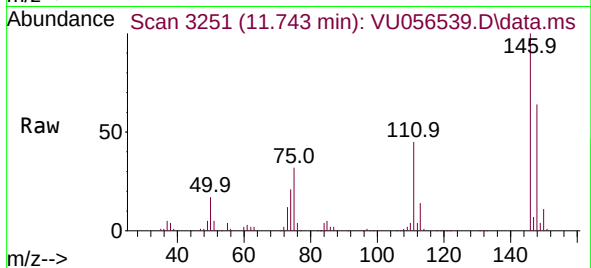
Tgt Ion:146 Resp: 210557

Ion Ratio Lower Upper

146 100

111 45.2 31.1 57.7

148 63.5 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 4.709 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.000 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

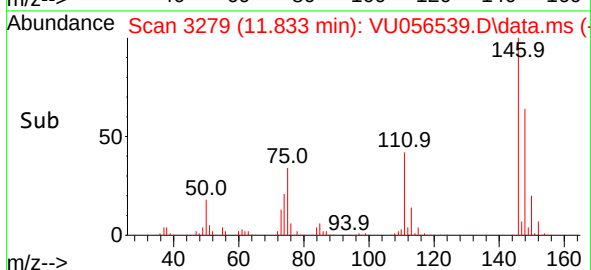
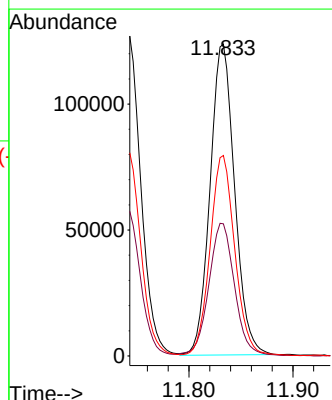
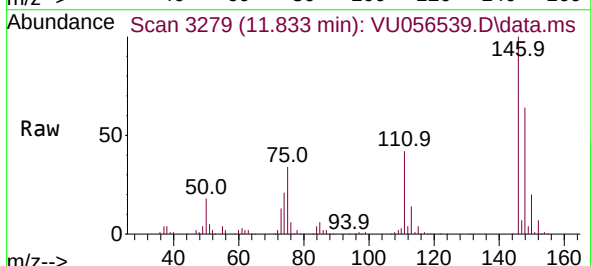
Tgt Ion:146 Resp: 202682

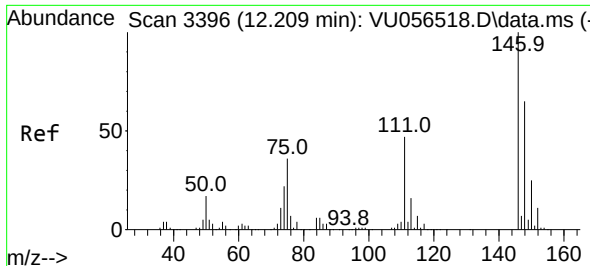
Ion Ratio Lower Upper

146 100

111 42.4 30.5 56.7

148 64.3 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.900 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

Instrument :

MSVOA_U

ClientSampleId :

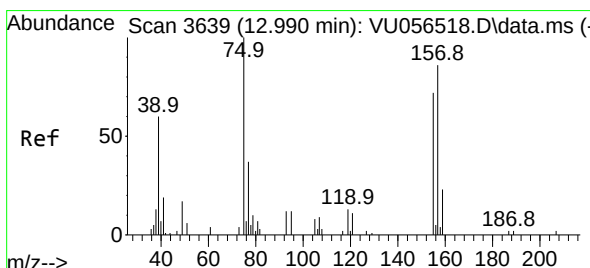
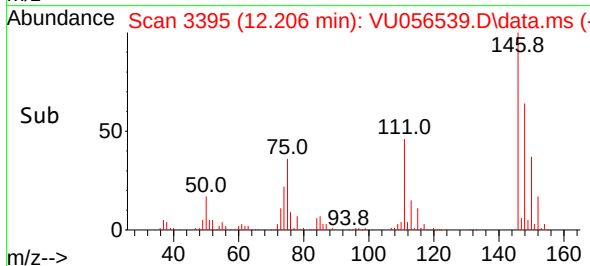
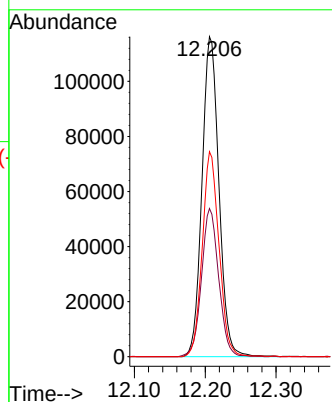
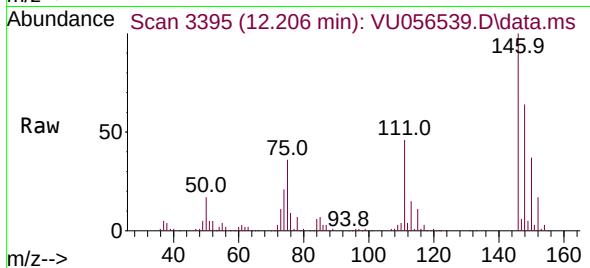
Tgt Ion:146 Resp: 192858

Ion Ratio Lower Upper

146 100

111 46.3 38.3 57.5

148 64.0 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.122 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

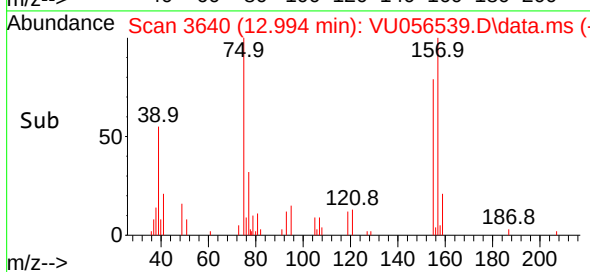
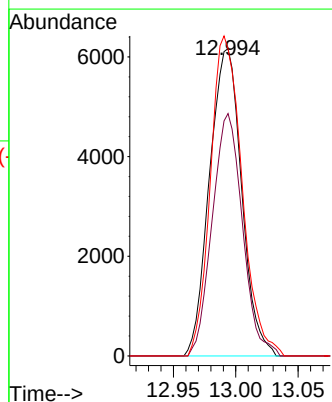
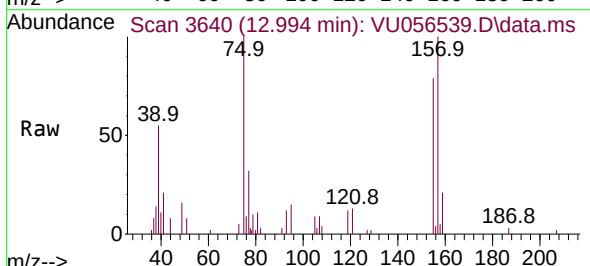
Tgt Ion: 75 Resp: 11049

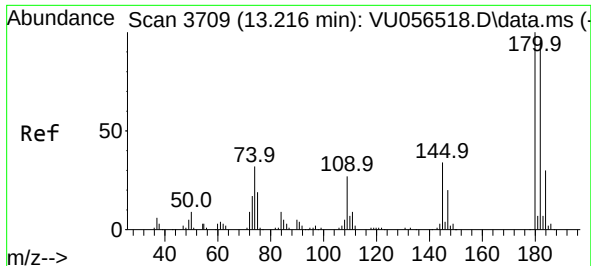
Ion Ratio Lower Upper

75 100

155 78.9 62.4 93.6

157 99.9 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 4.999 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.000 min

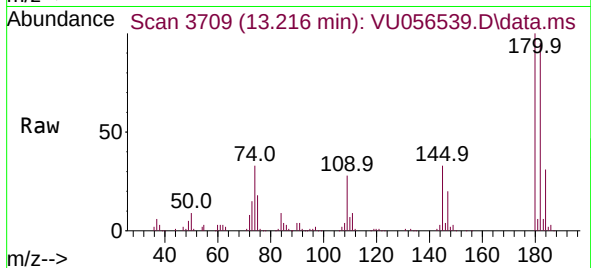
Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 161489

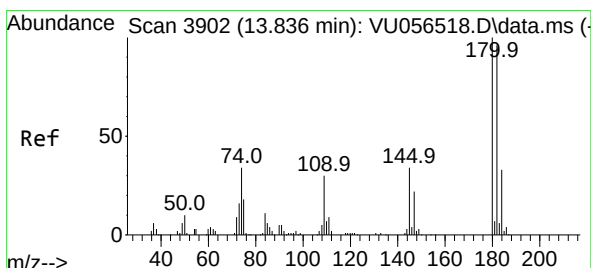
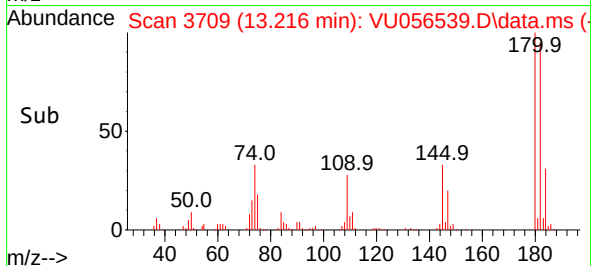
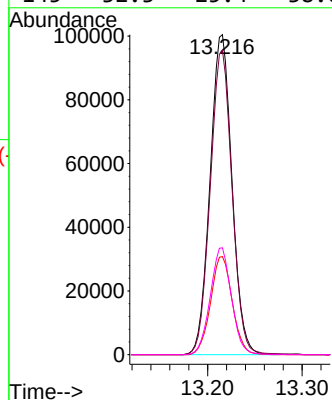
Ion Ratio Lower Upper

180 100

182 94.7 75.1 112.7

184 30.4 23.5 35.3

145 32.3 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.758 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU056539.D

Acq: 21 Nov 2023 09:29

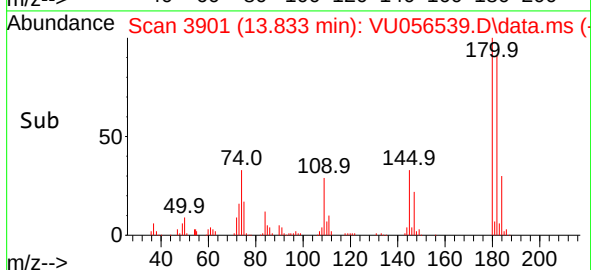
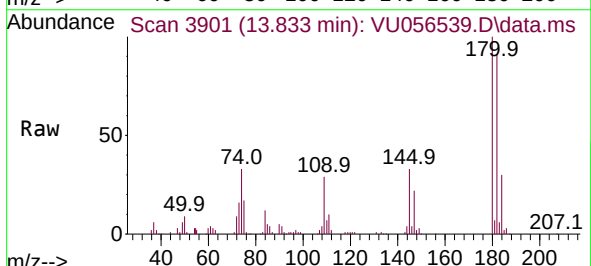
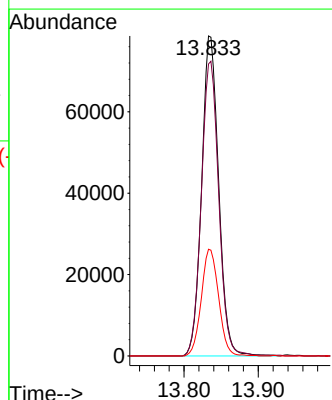
Tgt Ion:180 Resp: 125186

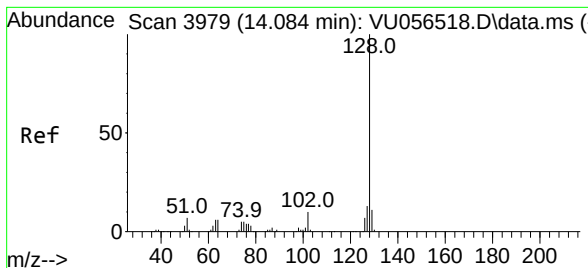
Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.2

145 34.0 26.8 40.2

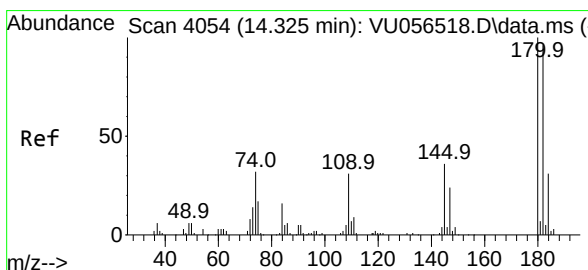
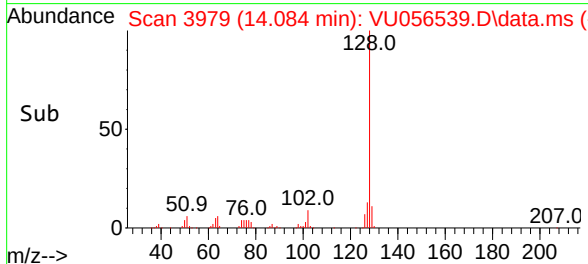
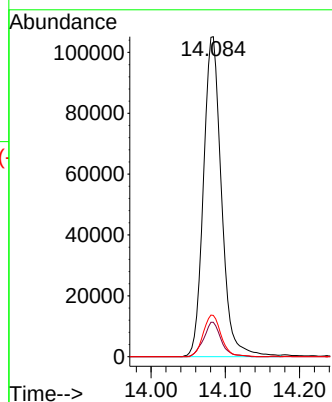
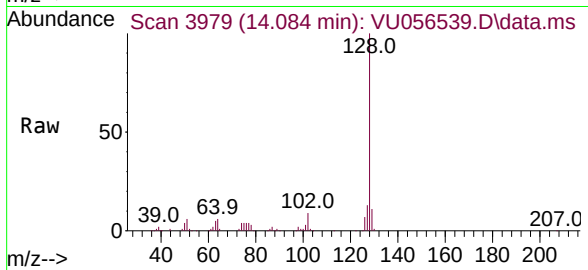




#71
Naphthalene
Concen: 4.461 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 177336
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.9 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.728 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU056539.D
Acq: 21 Nov 2023 09:29

Tgt Ion:180 Resp: 102481
Ion Ratio Lower Upper
180 100
182 95.8 78.6 117.8
145 35.7 29.0 43.6

