

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057356.D
 Acq On : 29 Dec 2023 01:15
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 29 01:38:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 21:37:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	241662	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	242492	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	115590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99724	4.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.911	69	87326	5.233	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.560	65	40308	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.660	46	181548	38.583	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.160%
24) Chloroform-d	5.055	84	188587	5.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.695	65	88086	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.721	84	346379	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.685	67	109573	5.059	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.894	98	305337	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	8.177	79	38954	4.482	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.631	63	151219	38.416	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.840%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	83198	4.574	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	99658	4.735	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	90783	5.176	ug/L	99
3) Chloromethane	1.518	50	108853	5.596	ug/L	98
5) Vinyl chloride	1.602	62	109945	5.450	ug/L	99
6) Bromomethane	1.853	94	52086	5.475	ug/L	96
8) Chloroethane	1.930	64	70186	5.367	ug/L	99
9) Trichlorofluoromethane	2.133	101	159071	5.473	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	92671	5.272	ug/L	98
12) 1,1-Dichloroethene	2.573	96	85440	5.410	ug/L	95
13) Acetone	2.679	43	28192	9.193	ug/L	76
14) Carbon disulfide	2.788	76	225999	5.018	ug/L	99
15) Methyl Acetate	2.965	43	25026	3.584	ug/L	99
16) Methylene chloride	3.039	84	100557	4.933	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	191048	4.792	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	85884	5.479	ug/L	95
19) 1,1-Dichloroethane	3.862	63	175991	5.343	ug/L	97
21) 2-Butanone	4.734	43	155189	35.431	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	89177	4.922	ug/L	95
23) Bromochloromethane	4.968	128	39284	4.850	ug/L	95
25) Chloroform	5.081	83	180122	5.184	ug/L	99

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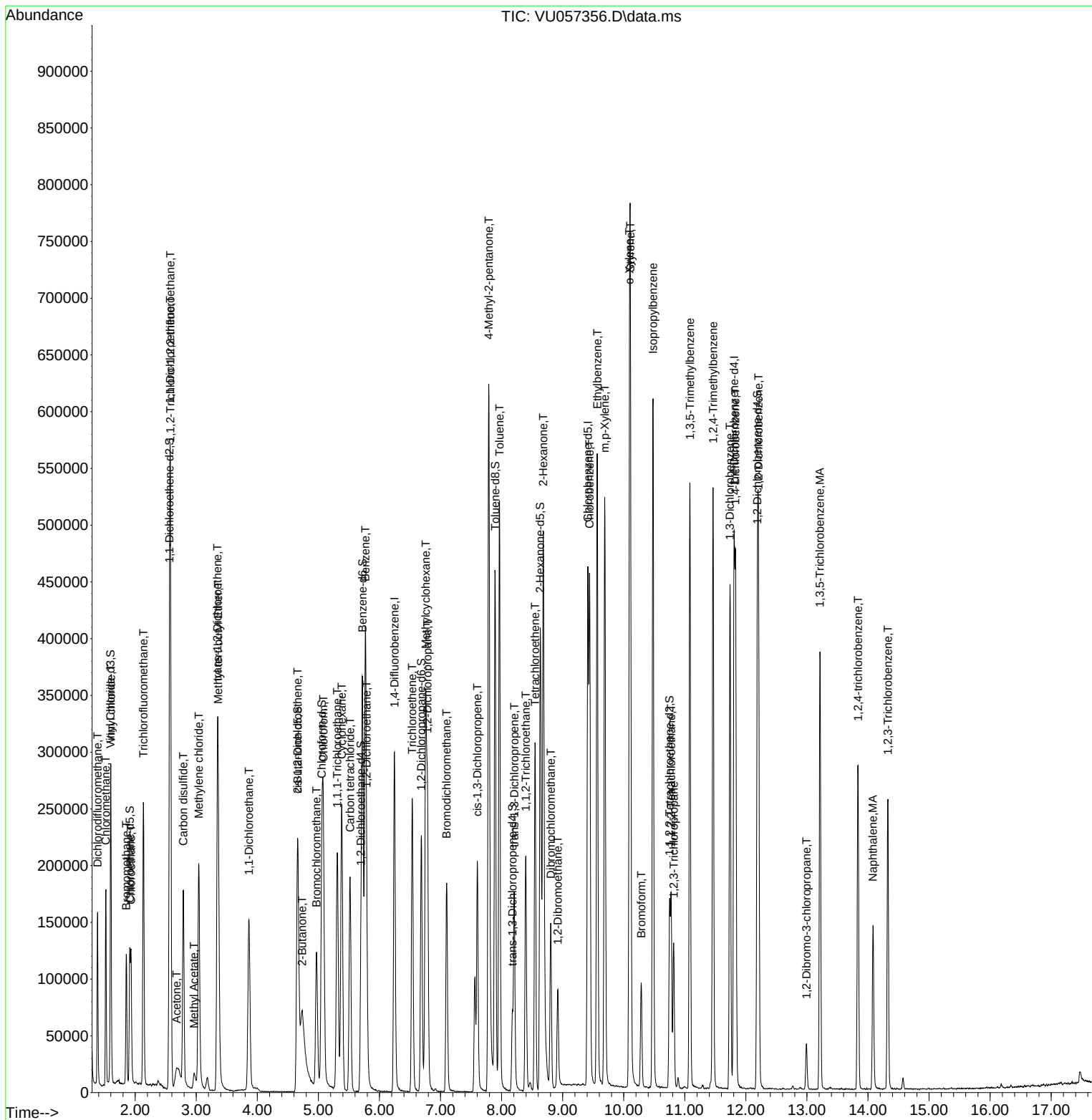
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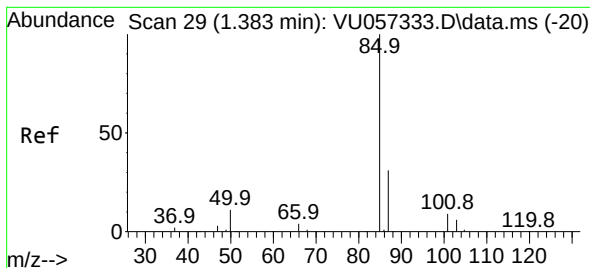
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	100806	4.630	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	159666	5.199	ug/L	99
30) Cyclohexane	5.380	56	116633	5.091	ug/L	98
31) Carbon tetrachloride	5.518	117	130921	5.081	ug/L	97
33) Benzene	5.769	78	362887	5.195	ug/L	100
34) Trichloroethene	6.534	95	94914	5.099	ug/L	96
35) Methylcyclohexane	6.756	83	121492	4.997	ug/L	99
37) 1,2-Dichloropropane	6.785	63	100184	5.154	ug/L	99
38) Bromodichloromethane	7.100	83	127417	5.082	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	124560	4.687	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	460107	46.461	ug/L	97
42) Toluene	7.965	91	381523	5.073	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	104583	4.513	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	68489	4.838	ug/L	97
47) Tetrachloroethene	8.550	164	65137	4.952	ug/L	97
48) 2-Hexanone	8.682	43	326808	44.760	ug/L	99
49) Dibromochloromethane	8.804	129	76007	4.715	ug/L	99
50) 1,2-Dibromoethane	8.920	107	60230	4.740	ug/L	99
51) Chlorobenzene	9.441	112	232624	5.088	ug/L	99
52) Ethylbenzene	9.566	91	384617	5.124	ug/L	100
53) m,p-Xylene	9.689	106	145808	5.102	ug/L	98
54) o-Xylene	10.094	106	138886	5.111	ug/L	97
55) Styrene	10.110	104	244598	5.347	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	80071	4.572	ug/L	98
59) Bromoform	10.287	173	42905	4.740	ug/L	97
60) Isopropylbenzene	10.479	105	376269	5.308	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	54579	4.522	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	282306	5.089	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	287589	5.214	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	177825	5.220	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	172123	4.964	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	158734	4.848	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	11714	4.414	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	114826	4.708	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	86011	4.444	ug/L	97
71) Naphthalene	14.081	128	115960	3.833	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	74734	4.430	ug/L	98

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

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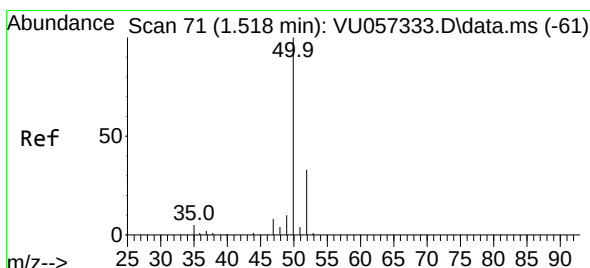
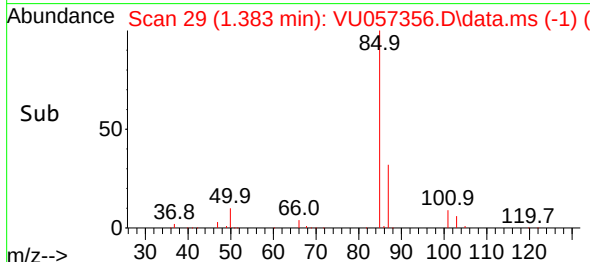
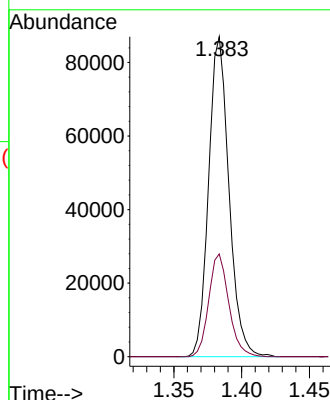
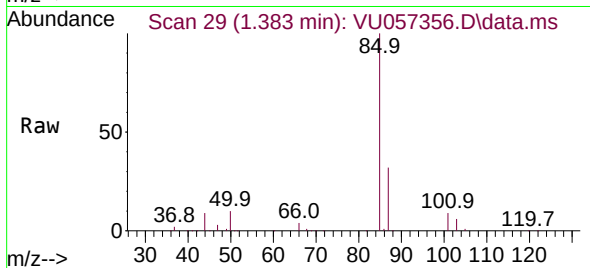




#2
 Dichlorodifluoromethane
 Concen: 5.176 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU057356.D
 Acq: 29 Dec 2023 01:15

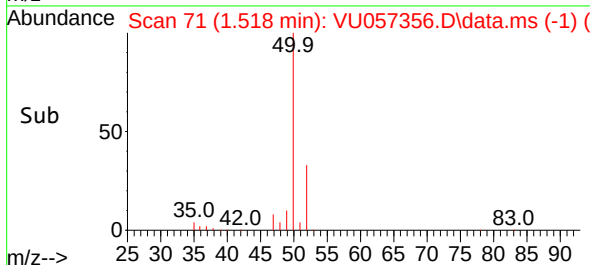
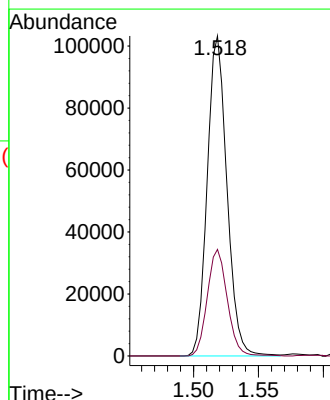
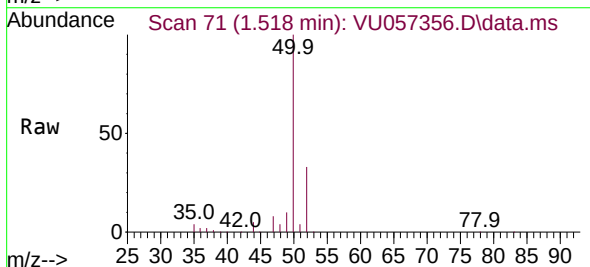
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 ClientSampleId :

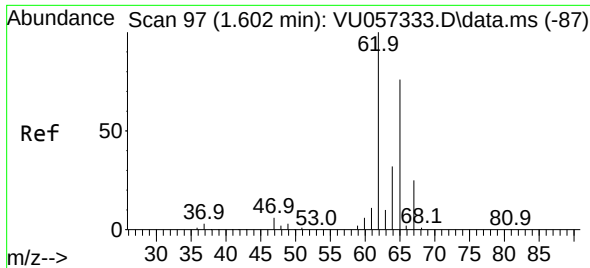
Tgt Ion: 85 Resp: 90783
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.9 38.9



#3
 Chloromethane
 Concen: 5.596 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU057356.D
 Acq: 29 Dec 2023 01:15

Tgt Ion: 50 Resp: 108853
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.5 41.7

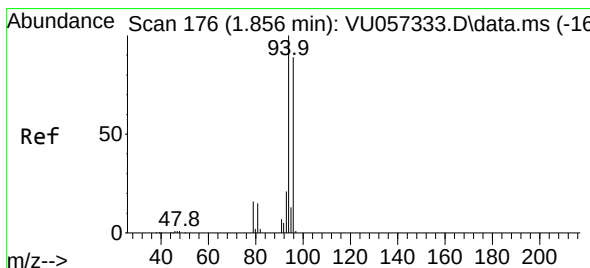
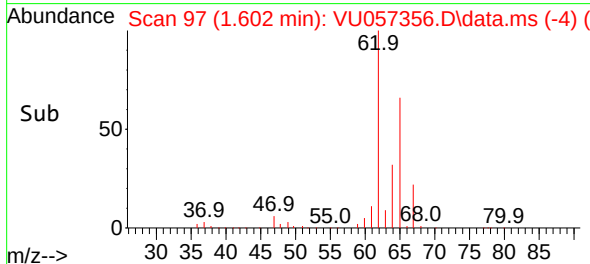
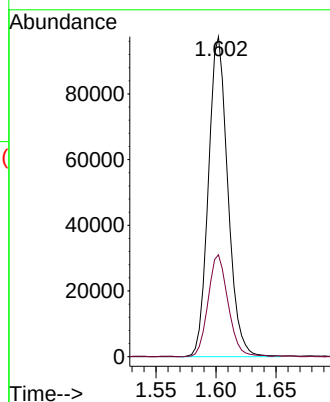
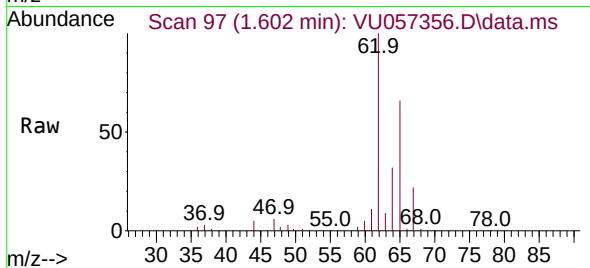




#5
 Vinyl chloride
 Concen: 5.450 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU057356.D
 Acq: 29 Dec 2023 01:15

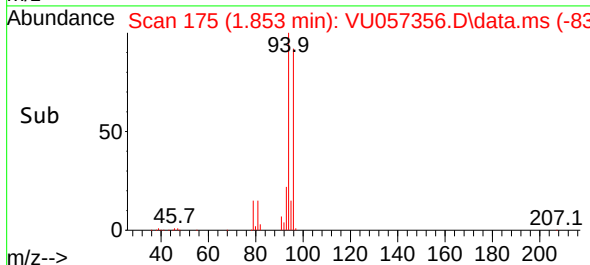
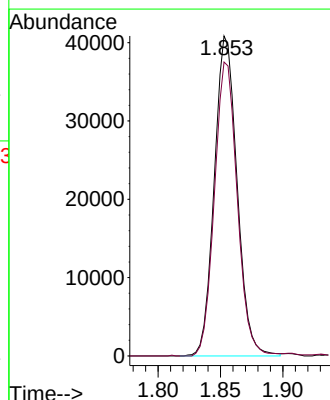
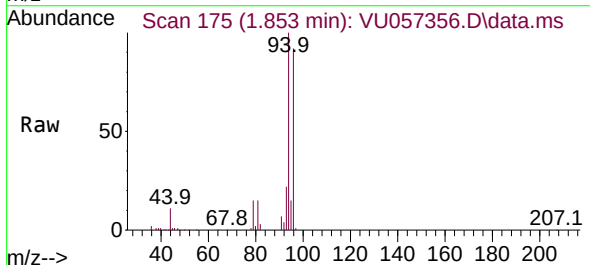
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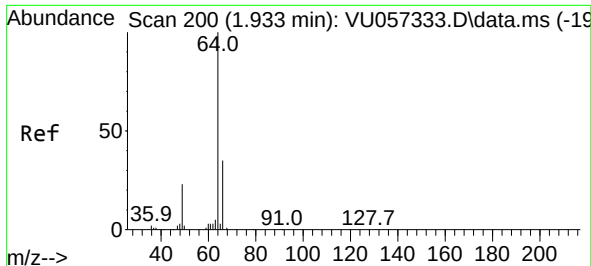
Tgt Ion: 62 Resp: 109945
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.8 42.4



#6
 Bromomethane
 Concen: 5.475 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VU057356.D
 Acq: 29 Dec 2023 01:15

Tgt Ion: 94 Resp: 52086
 Ion Ratio Lower Upper
 94 100
 96 91.8 67.3 125.1

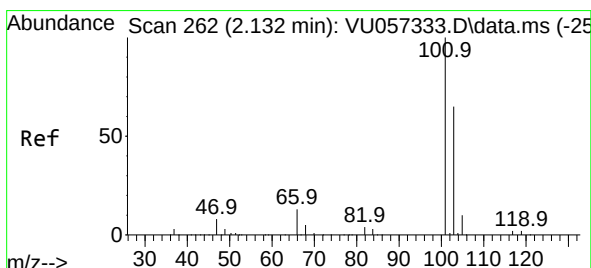
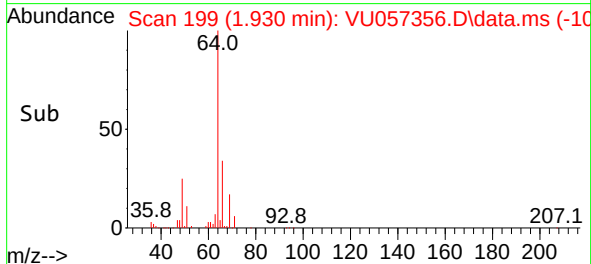
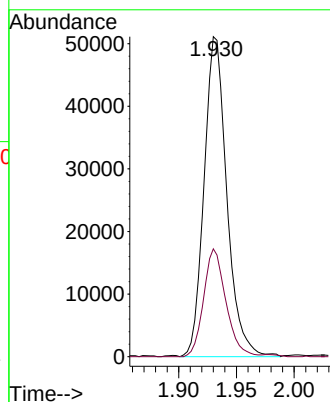
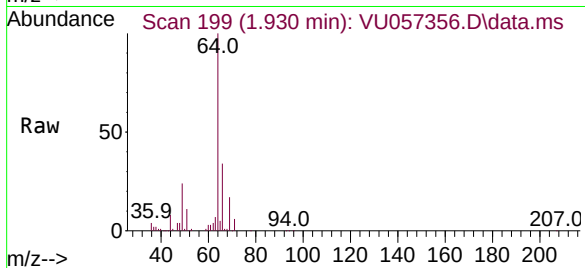




#8
Chloroethane
Concen: 5.367 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

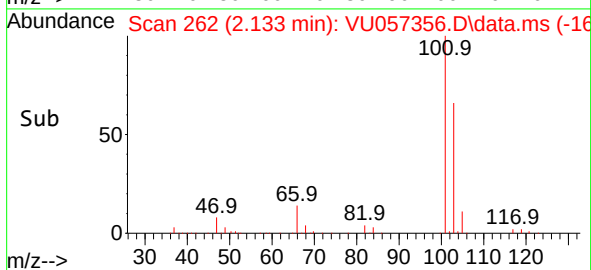
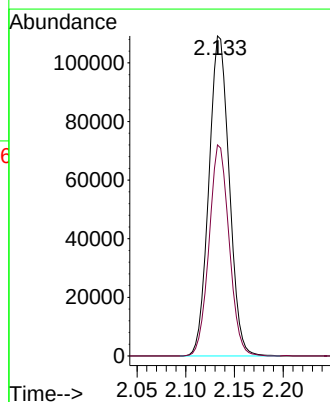
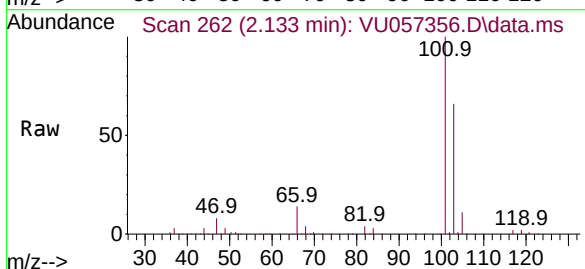
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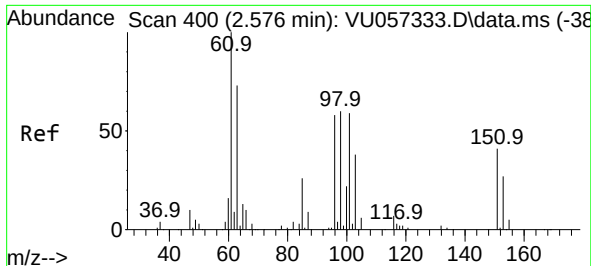
Tgt Ion: 64 Resp: 70186
Ion Ratio Lower Upper
64 100
66 33.7 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.473 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Tgt Ion: 101 Resp: 159071
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.2

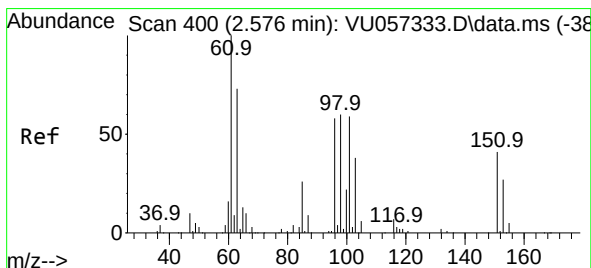
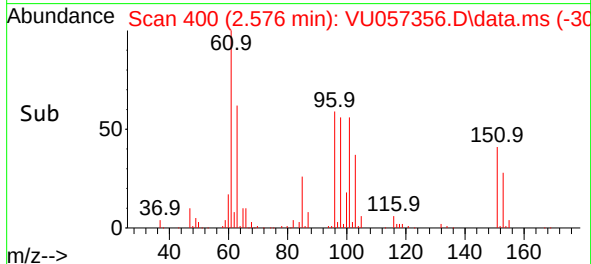
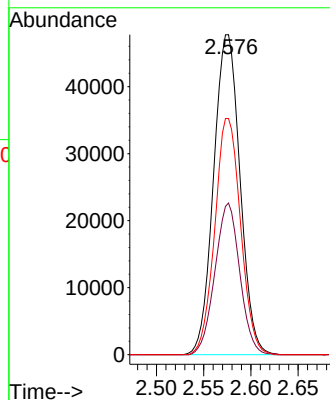
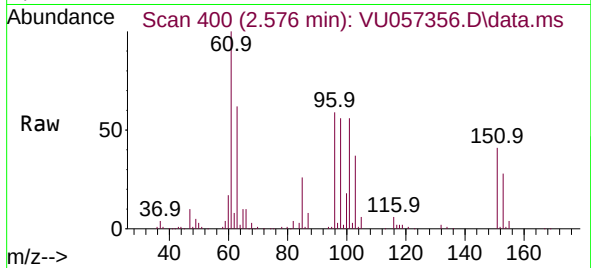




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.272 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

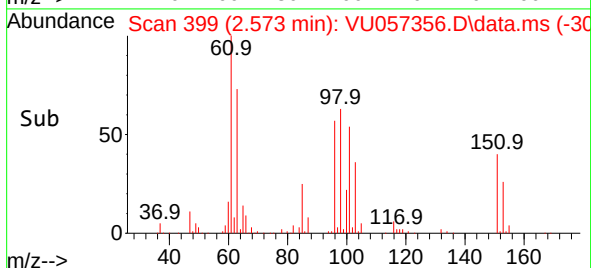
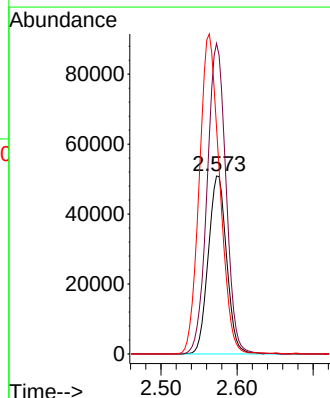
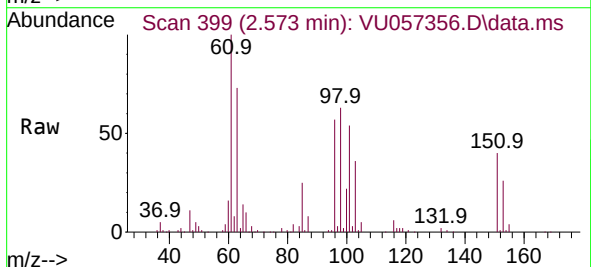
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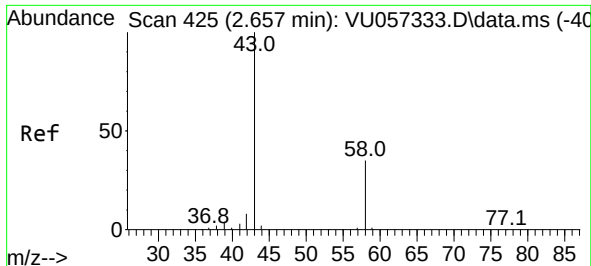
Tgt Ion:101 Resp: 92671
Ion Ratio Lower Upper
101 100
85 44.7 35.1 52.7
151 72.2 55.8 83.6



#12
1,1-Dichloroethene
Concen: 5.410 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Tgt Ion: 96 Resp: 85440
Ion Ratio Lower Upper
96 100
61 174.5 122.2 226.9
63 127.4 99.2 184.2





#13

Acetone

Concen: 9.193 ug/L

RT: 2.679 min Scan# 41

Delta R.T. 0.023 min

Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

Instrument :

MSVOA_U

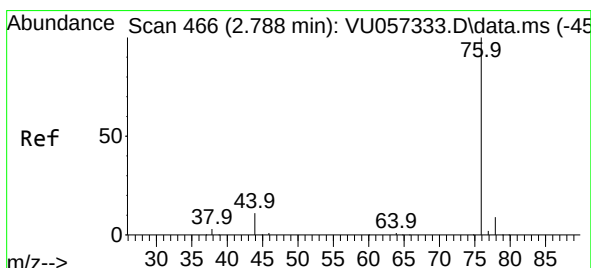
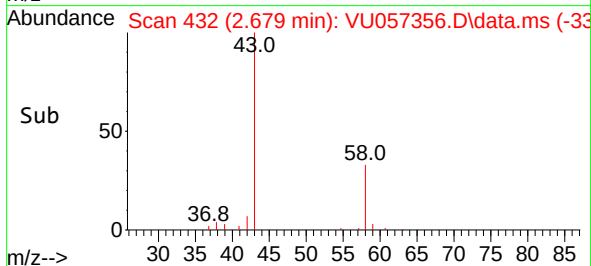
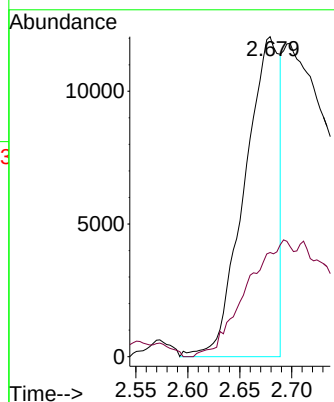
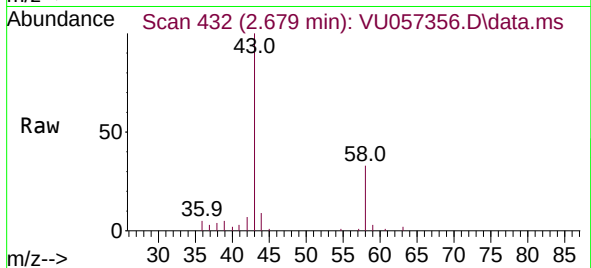
ClientSampleId :

Tgt Ion: 43 Resp: 28192

Ion Ratio Lower Upper

43 100

58 47.6 0.0 67.2



#14

Carbon disulfide

Concen: 5.018 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU057356.D

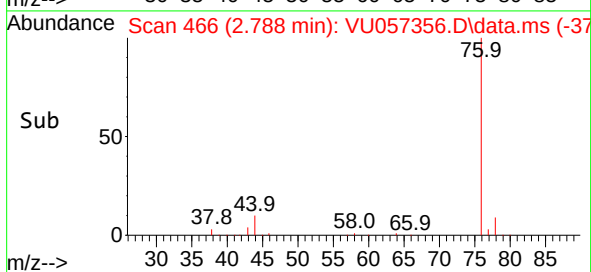
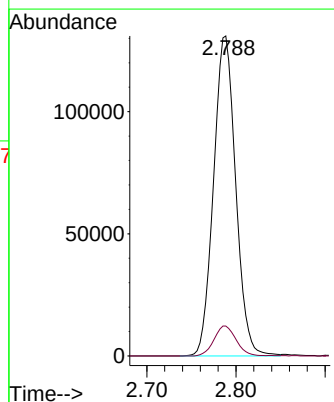
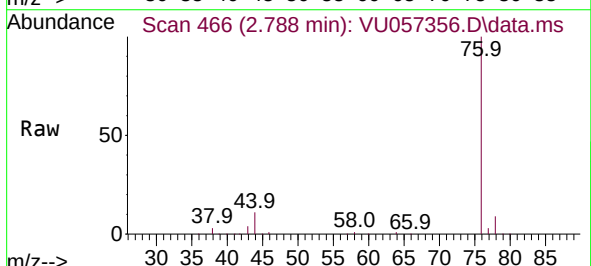
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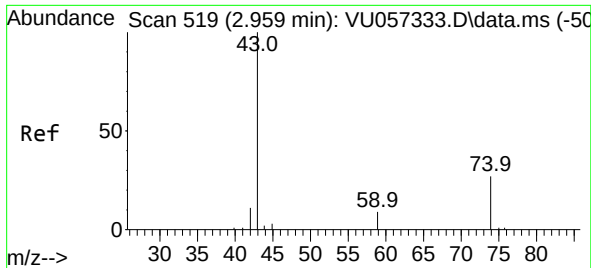
Tgt Ion: 76 Resp: 225999

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

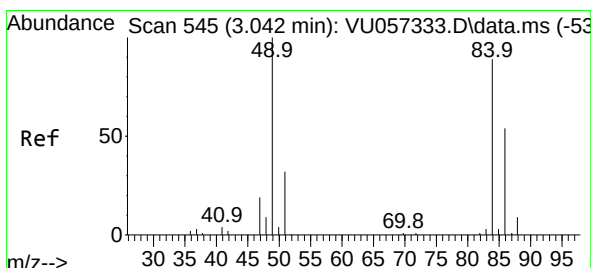
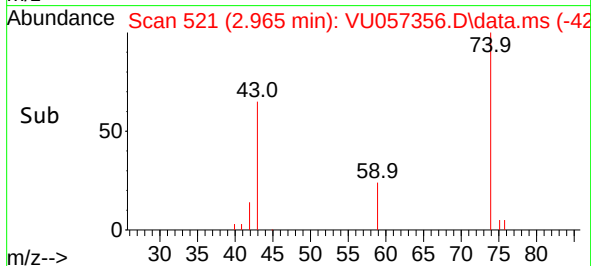
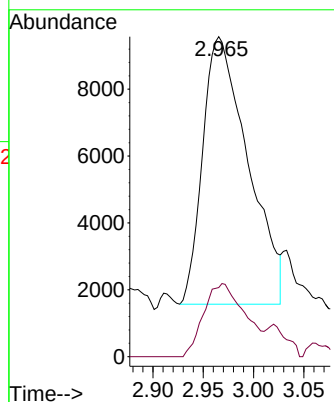
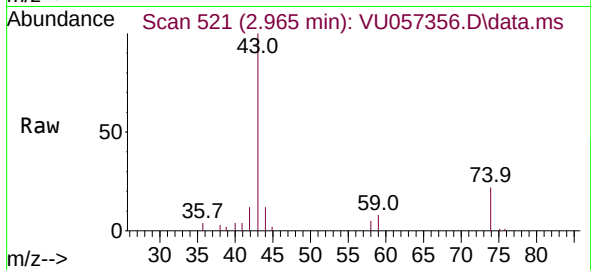




#15
Methyl Acetate
Concen: 3.584 ug/L
RT: 2.965 min Scan# 519
Delta R.T. 0.006 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

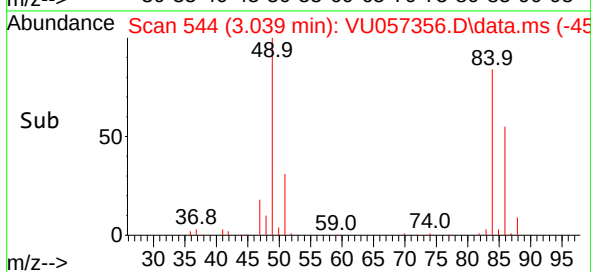
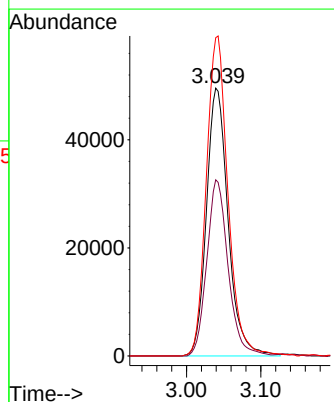
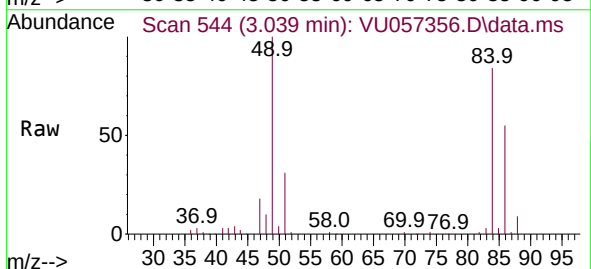
Instrument :
MSVOA_U
ClientSampleId :

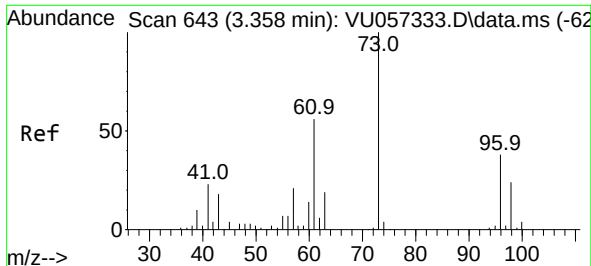
Tgt Ion: 43 Resp: 25026
Ion Ratio Lower Upper
43 100
74 25.3 20.5 30.7



#16
Methylene chloride
Concen: 4.933 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Tgt Ion: 84 Resp: 100557
Ion Ratio Lower Upper
84 100
86 65.8 43.8 81.3
49 118.8 83.2 154.4

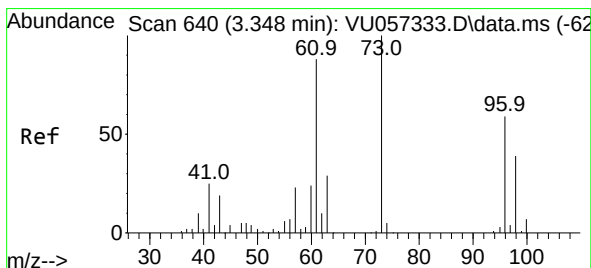
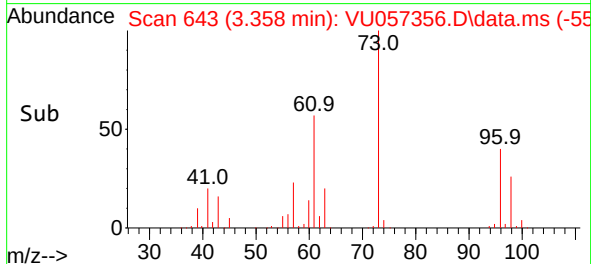
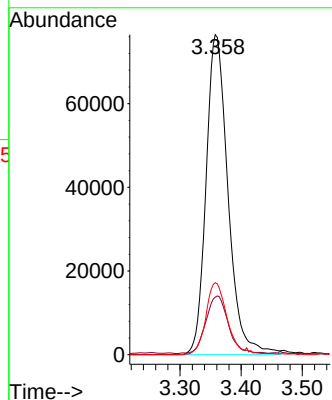
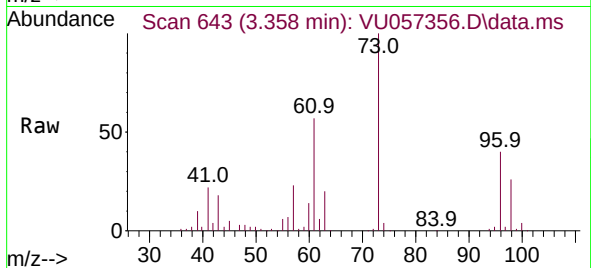




#17
Methyl tert-butyl Ether
Concen: 4.792 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

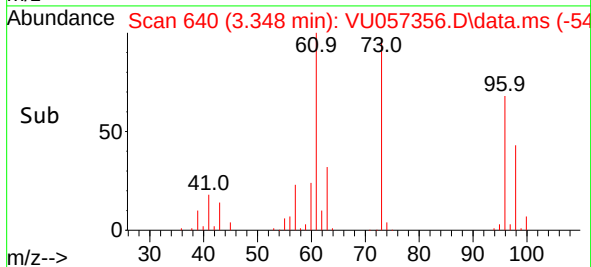
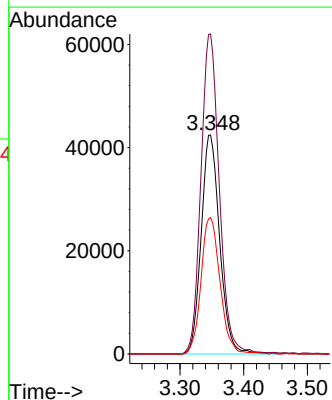
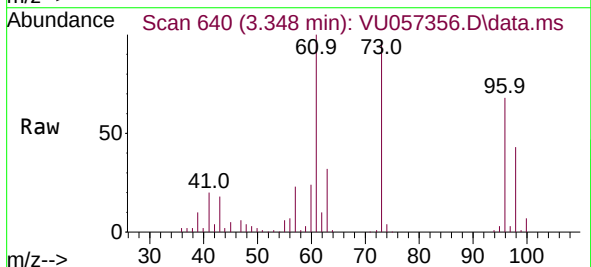
Instrument :
MSVOA_U
ClientSampleId :

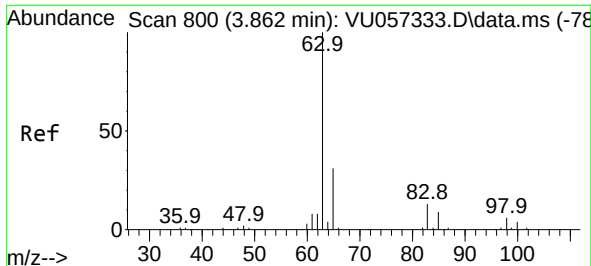
Tgt Ion: 73 Resp: 191048
Ion Ratio Lower Upper
73 100
43 18.3 15.2 22.8
57 22.1 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.479 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Tgt Ion: 96 Resp: 85884
Ion Ratio Lower Upper
96 100
61 146.2 97.5 181.1
98 62.3 45.9 85.3

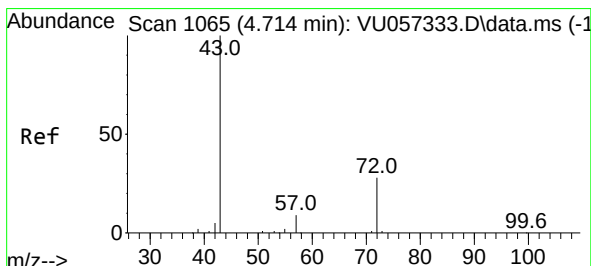
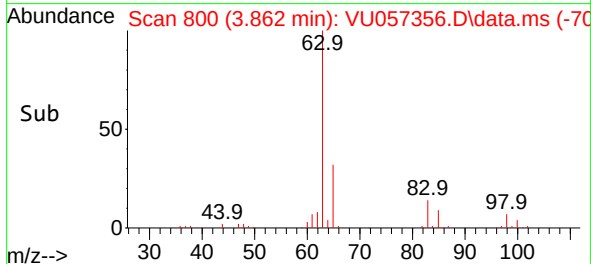
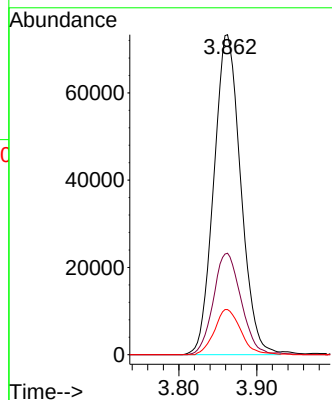
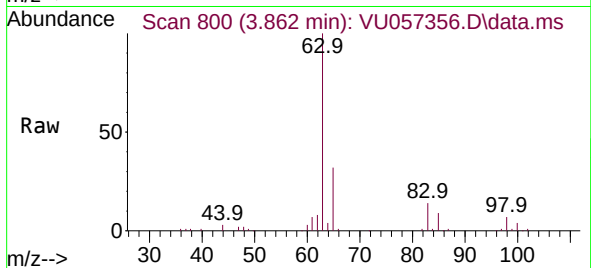




#19
1,1-Dichloroethane
Concen: 5.343 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

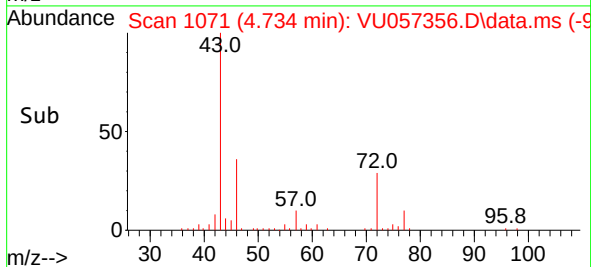
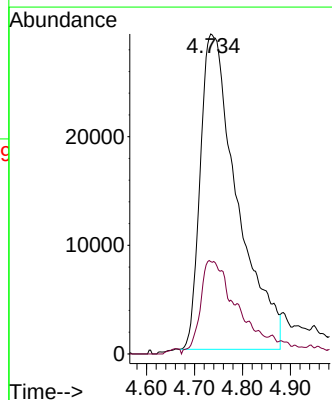
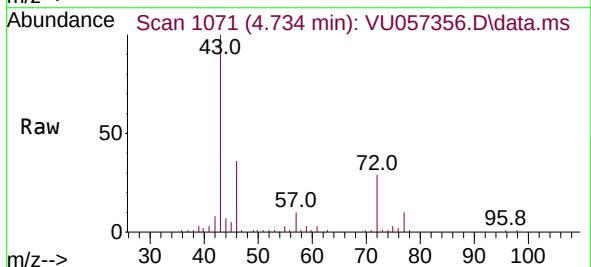
Instrument :
MSVOA_U
ClientSampleId :

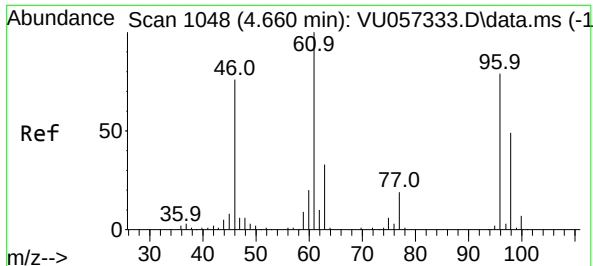
Tgt Ion: 63 Resp: 175991
Ion Ratio Lower Upper
63 100
65 31.7 23.6 43.8
83 14.1 9.8 18.2



#21
2-Butanone
Concen: 35.431 ug/L
RT: 4.734 min Scan# 1071
Delta R.T. 0.019 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Tgt Ion: 43 Resp: 155189
Ion Ratio Lower Upper
43 100
72 25.3 14.3 42.9





#22

cis-1,2-Dichloroethene

Concen: 4.922 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

Instrument :

MSVOA_U

ClientSampleId :

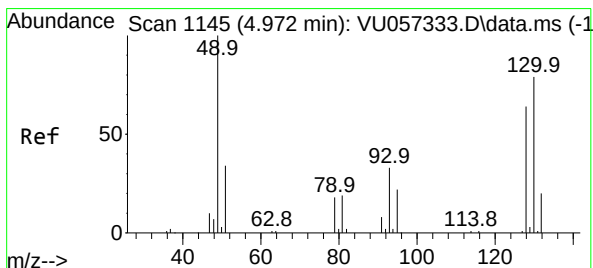
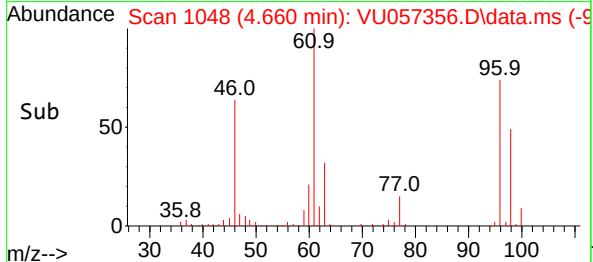
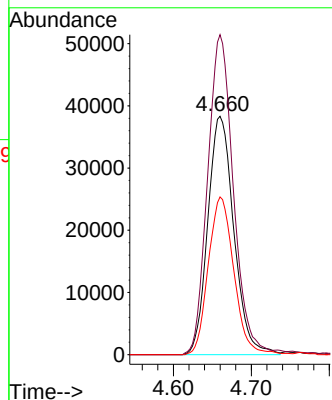
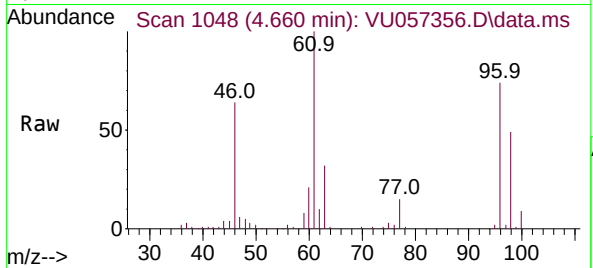
Tgt Ion: 96 Resp: 89177

Ion Ratio Lower Upper

96 100

61 134.3 91.1 169.3

98 66.2 42.6 79.0



#23

Bromochloromethane

Concen: 4.850 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.003 min

Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

Tgt Ion: 128 Resp: 39284

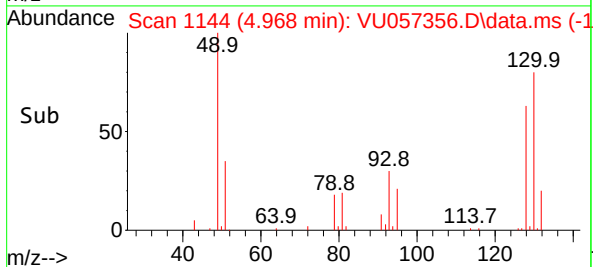
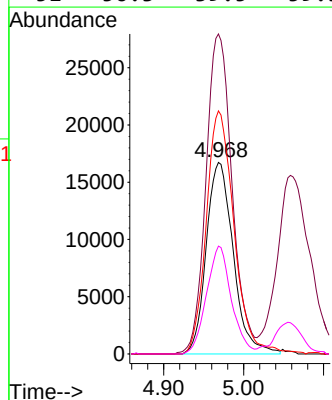
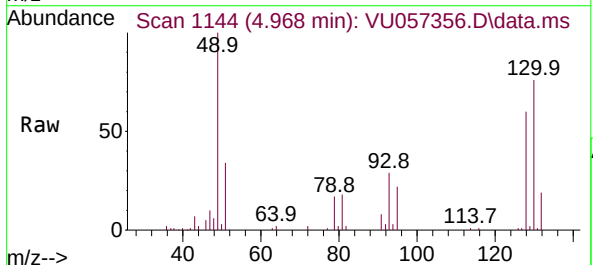
Ion Ratio Lower Upper

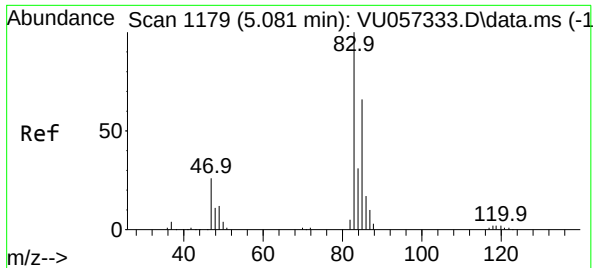
128 100

49 167.0 113.1 210.1

130 126.8 91.6 170.2

51 56.3 39.5 59.3





#25

Chloroform

Concen: 5.184 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

Instrument :

MSVOA_U

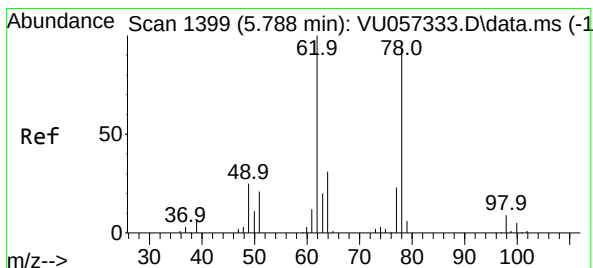
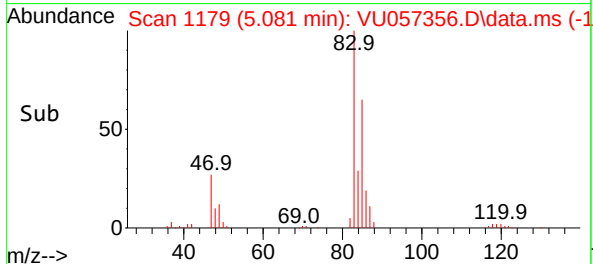
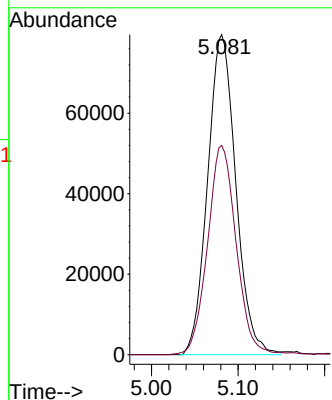
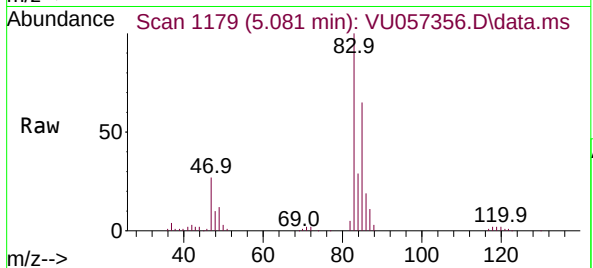
ClientSampleId :

Tgt Ion: 83 Resp: 180122

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.630 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU057356.D

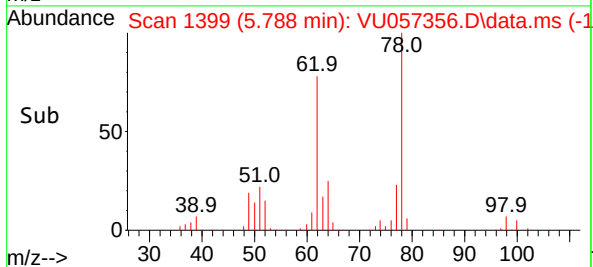
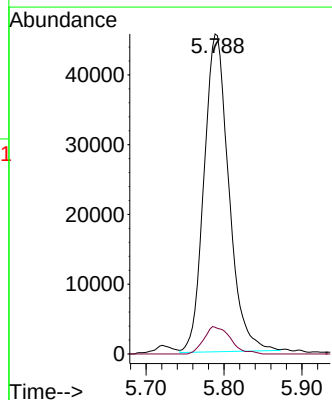
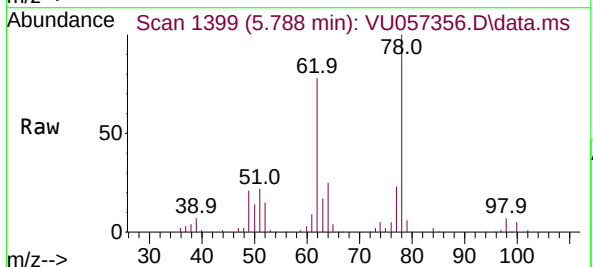
Acq: 29 Dec 2023 01:15

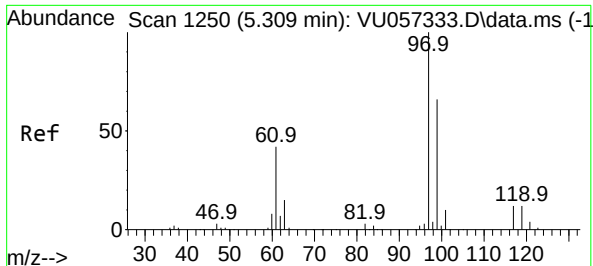
Tgt Ion: 62 Resp: 100806

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.6

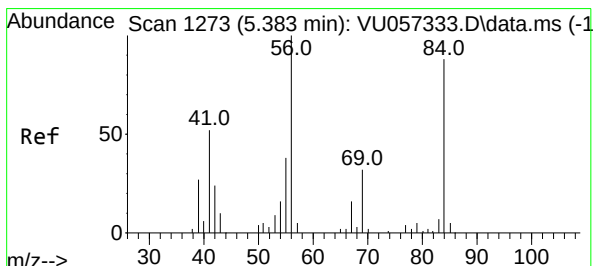
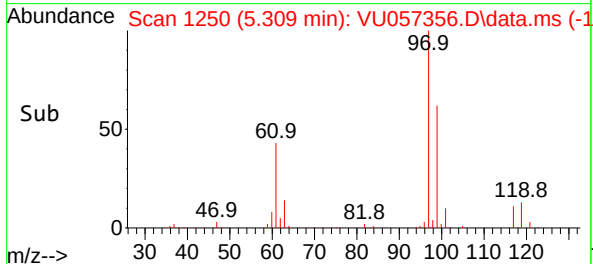
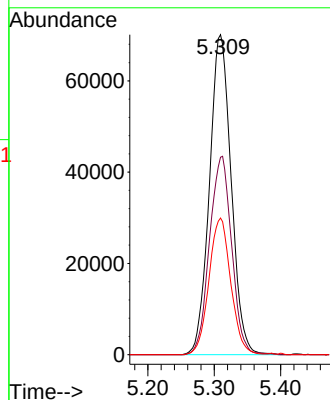
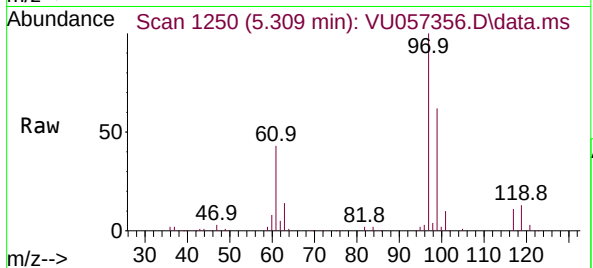




#29
1,1,1-Trichloroethane
Concen: 5.199 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

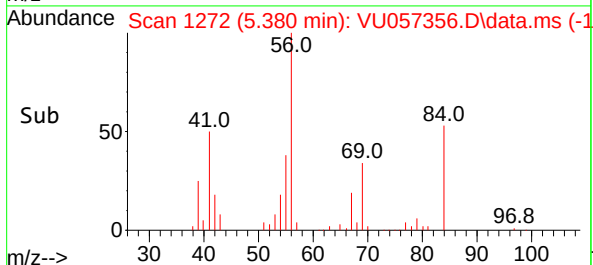
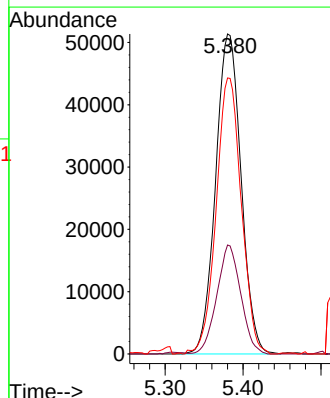
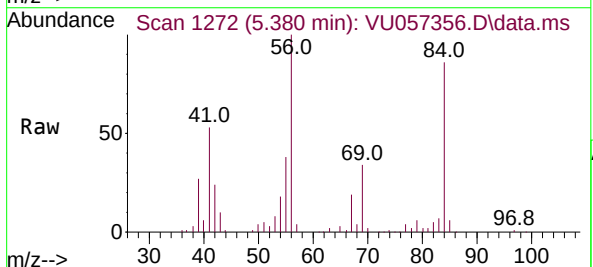
Instrument :
MSVOA_U
ClientSampleId :

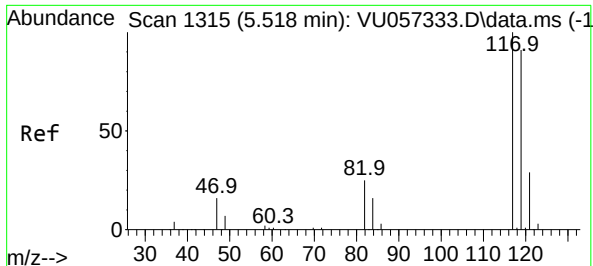
Tgt Ion: 97 Resp: 159666
Ion Ratio Lower Upper
97 100
99 63.2 51.7 77.5
61 42.9 34.1 51.1



#30
Cyclohexane
Concen: 5.091 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Tgt Ion: 56 Resp: 116633
Ion Ratio Lower Upper
56 100
69 32.0 26.2 39.4
84 85.1 69.4 104.2

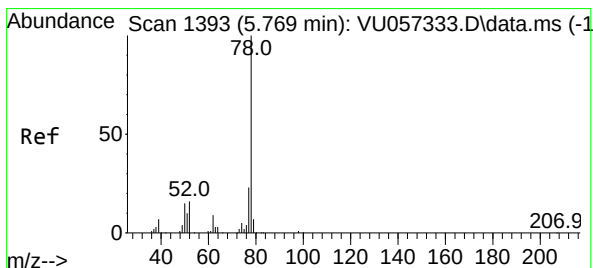
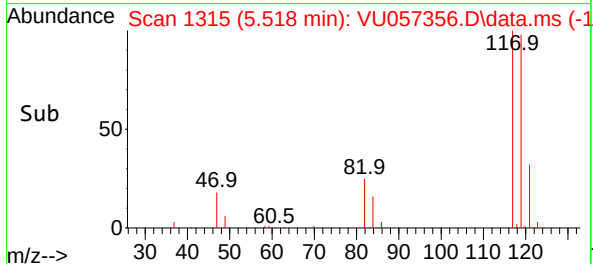
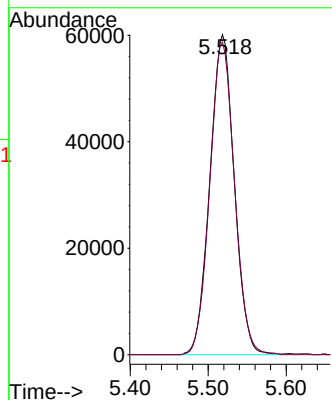
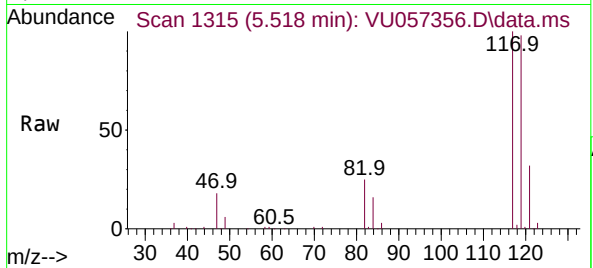




#31
Carbon tetrachloride
Concen: 5.081 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

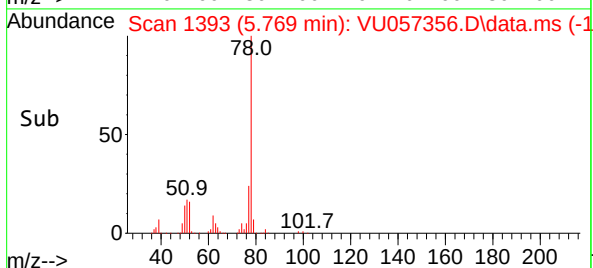
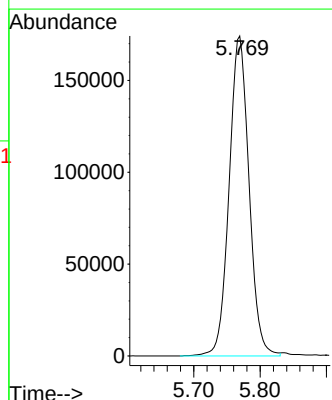
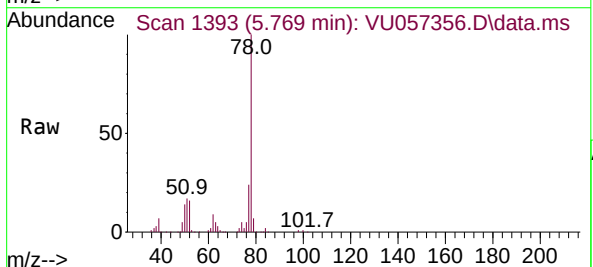
Instrument :
MSVOA_U
ClientSampleId :

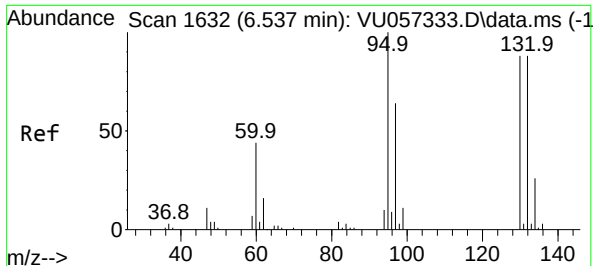
Tgt Ion:117 Resp: 130921
Ion Ratio Lower Upper
117 100
119 98.9 76.7 115.1



#33
Benzene
Concen: 5.195 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Tgt Ion: 78 Resp: 362887



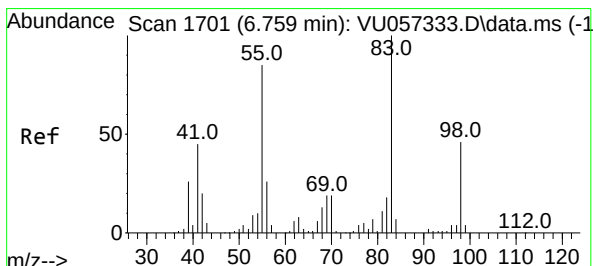
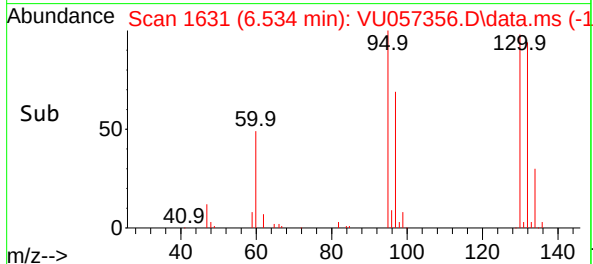
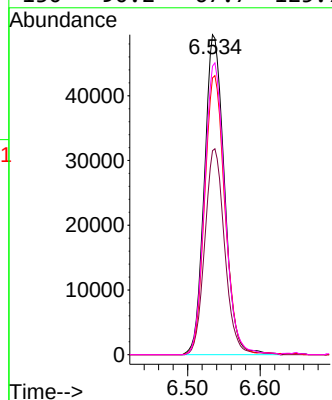
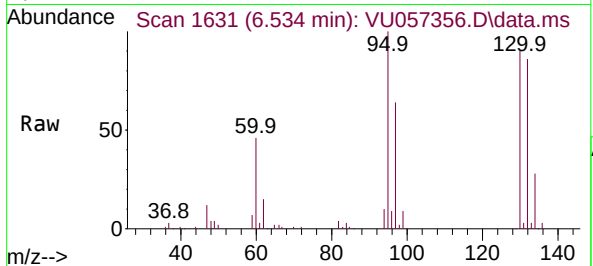


#34
Trichloroethene
Concen: 5.099 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 94914

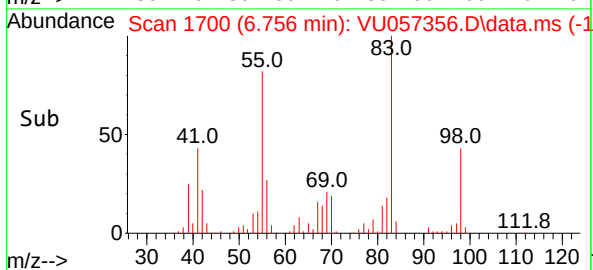
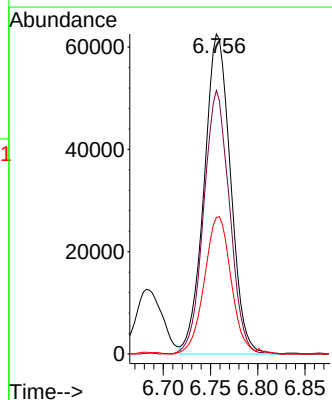
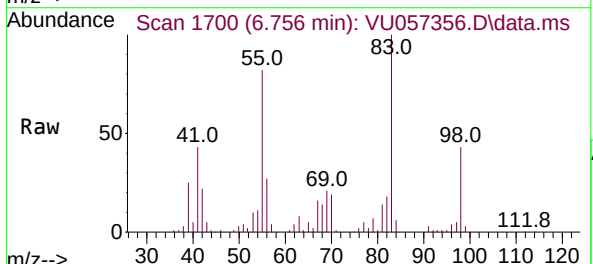
Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.3	84.1
132	86.5	63.1	117.3
130	90.2	67.7	125.7

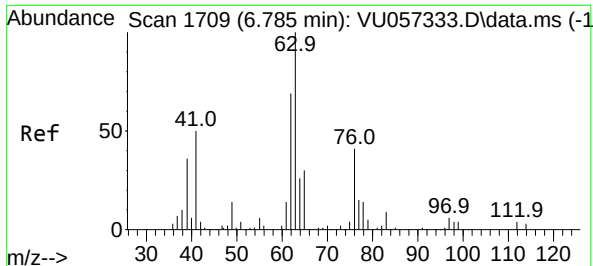


#35
Methylcyclohexane
Concen: 4.997 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Tgt Ion: 83 Resp: 121492

Ion	Ratio	Lower	Upper
83	100		
55	80.5	65.4	98.2
98	43.3	35.3	52.9

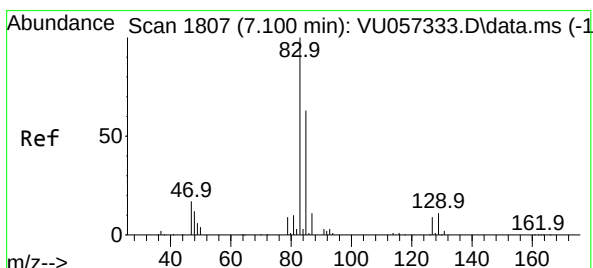
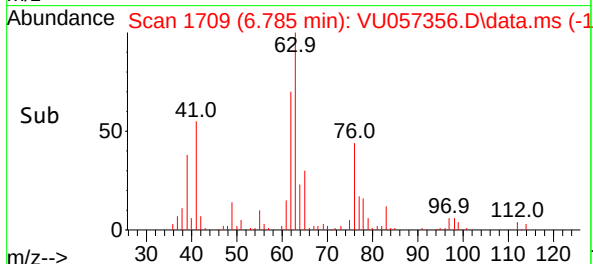
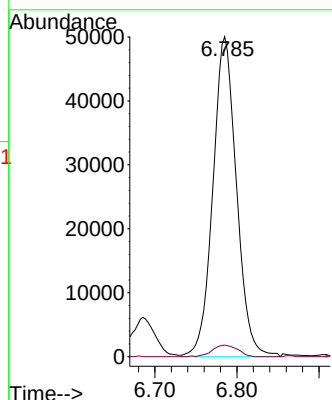
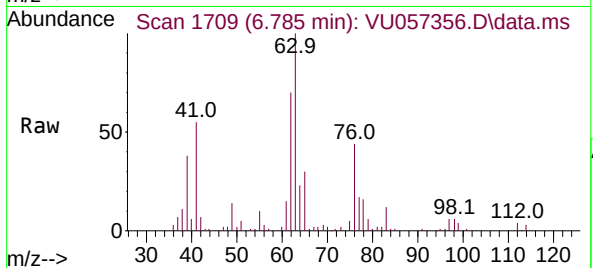




#37
1,2-Dichloropropane
Concen: 5.154 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

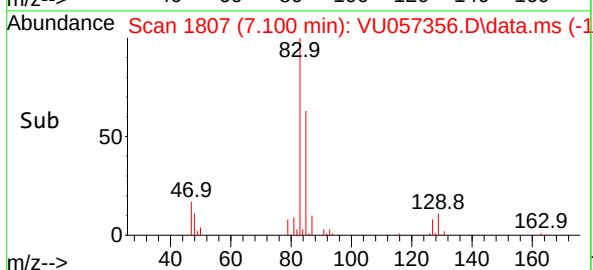
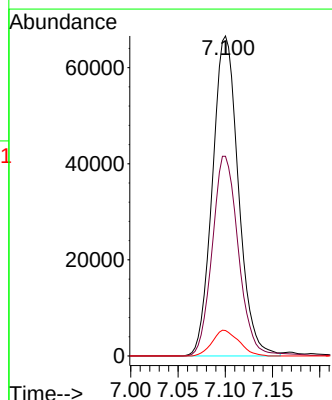
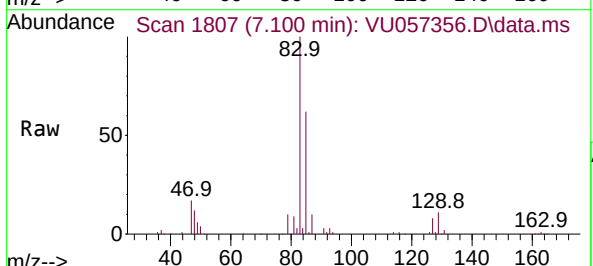
Instrument :
MSVOA_U
ClientSampleId :

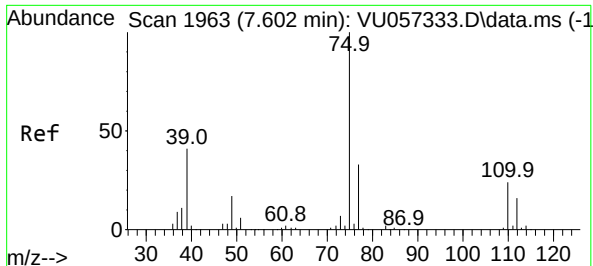
Tgt Ion: 63 Resp: 100184
Ion Ratio Lower Upper
63 100
112 3.8 2.9 4.3



#38
Bromodichloromethane
Concen: 5.082 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Tgt Ion: 83 Resp: 127417
Ion Ratio Lower Upper
83 100
85 62.4 42.6 79.0
127 8.0 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.687 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

Instrument :

MSVOA_U

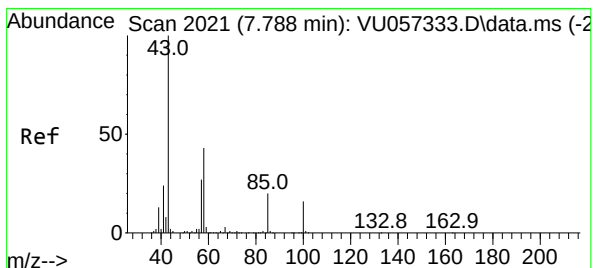
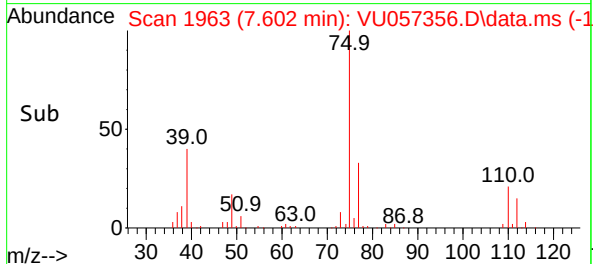
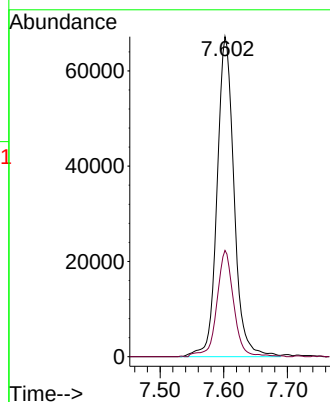
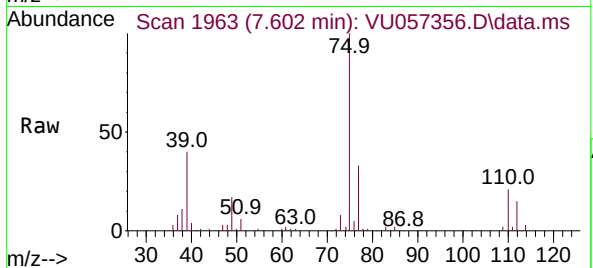
ClientSampleId :

Tgt Ion: 75 Resp: 124560

Ion Ratio Lower Upper

75 100

77 33.2 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 46.461 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

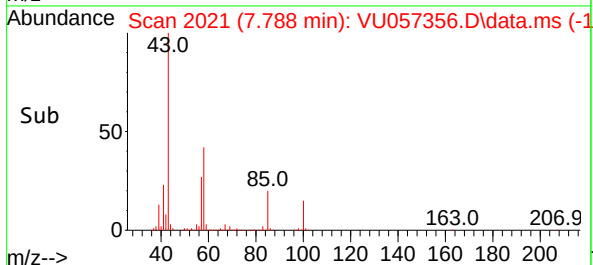
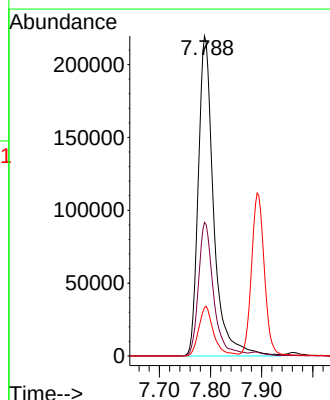
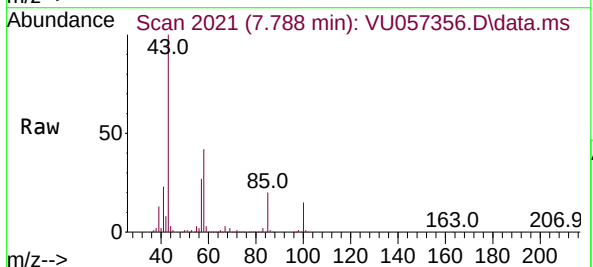
Tgt Ion: 43 Resp: 460107

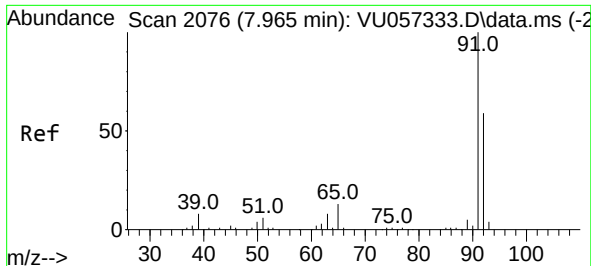
Ion Ratio Lower Upper

43 100

58 40.9 34.4 51.6

100 15.0 13.2 19.8





#42

Toluene

Concen: 5.073 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

Instrument :

MSVOA_U

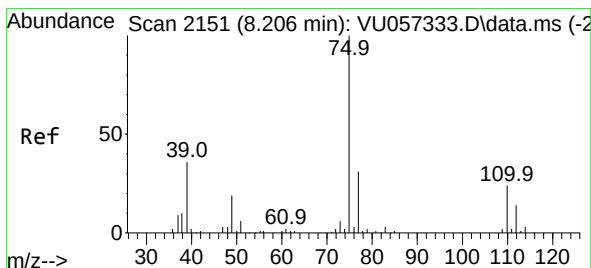
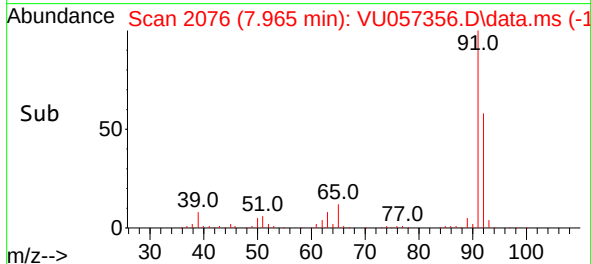
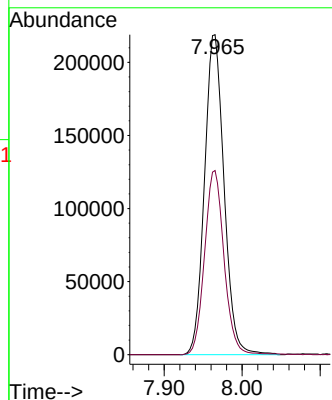
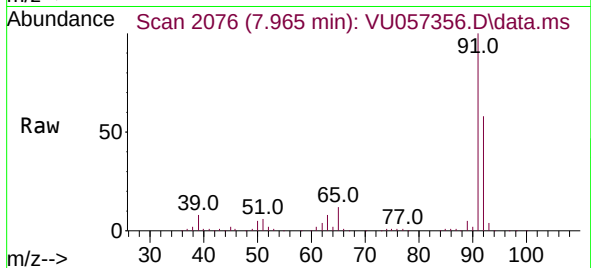
ClientSampleId :

Tgt Ion: 91 Resp: 381523

Ion Ratio Lower Upper

91 100

92 57.5 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 4.513 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057356.D

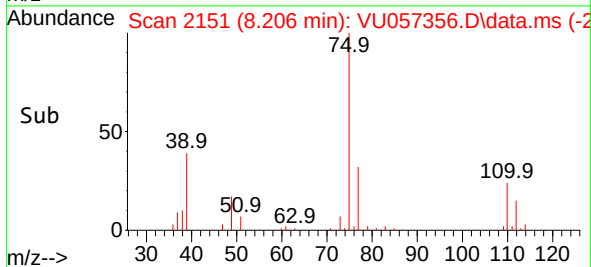
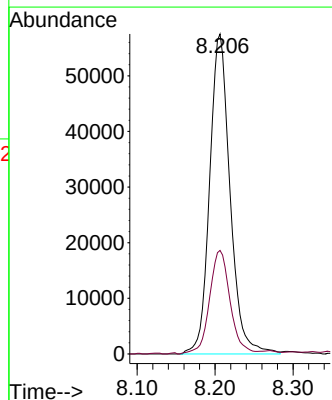
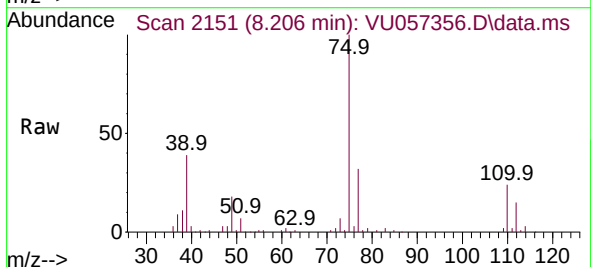
Acq: 29 Dec 2023 01:15

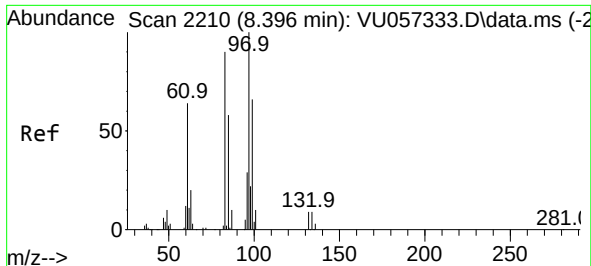
Tgt Ion: 75 Resp: 104583

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9

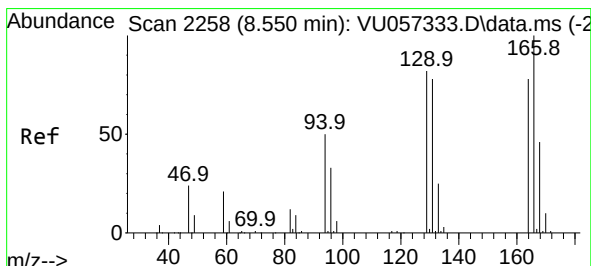
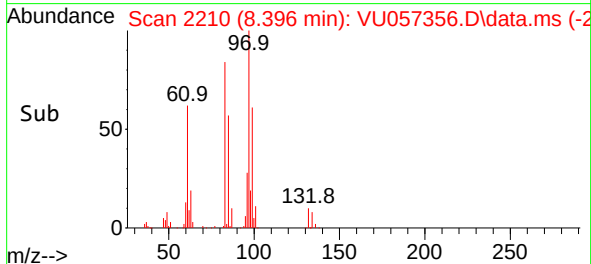
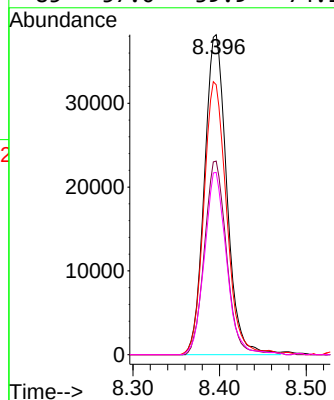
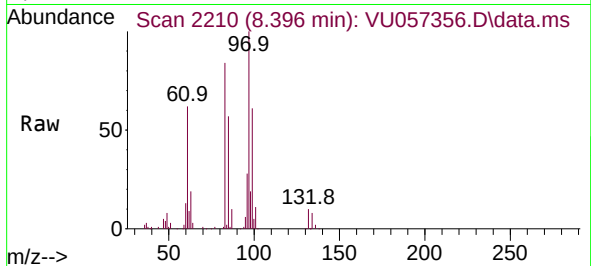




#45
1,1,2-Trichloroethane
Concen: 4.838 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

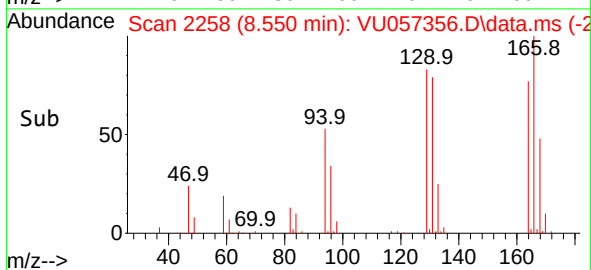
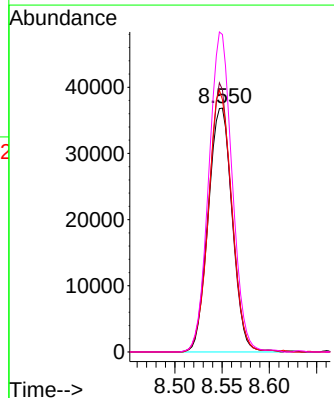
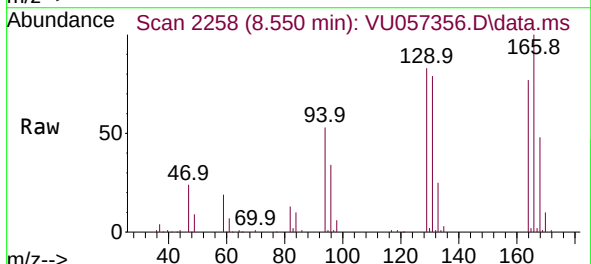
Instrument :
MSVOA_U
ClientSampleId :

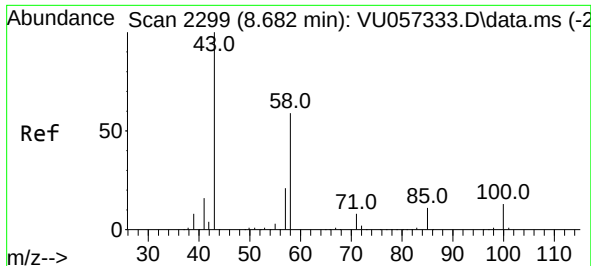
Tgt Ion: 97	Resp: 68489
Ion Ratio	Lower Upper
97 100	
99 60.5	44.0 81.8
83 84.4	62.3 115.7
85 57.0	39.9 74.1



#47
Tetrachloroethene
Concen: 4.952 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

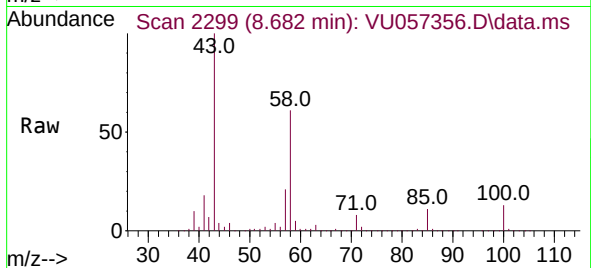
Tgt	Ion:164	Resp:	65137
Ion	Ratio	Lower	Upper
164	100		
129	107.6	71.3	132.5
131	103.4	70.7	131.3
166	130.2	89.1	165.5



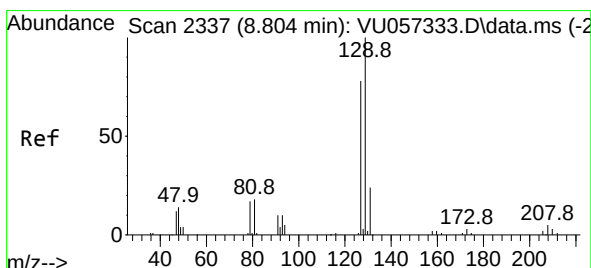
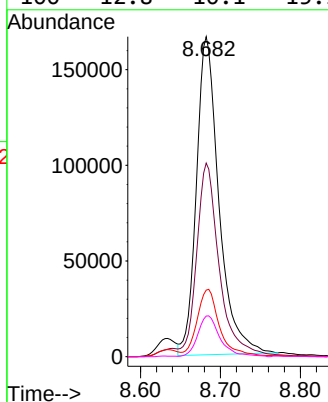
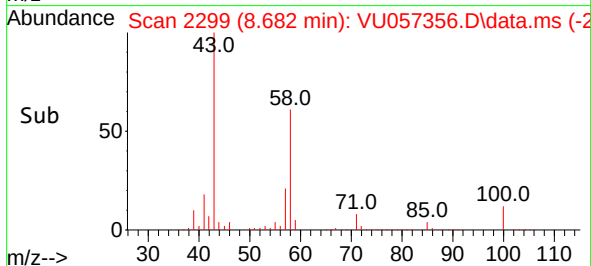


#48
2-Hexanone
Concen: 44.760 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Instrument :
MSVOA_U
ClientSampleId :

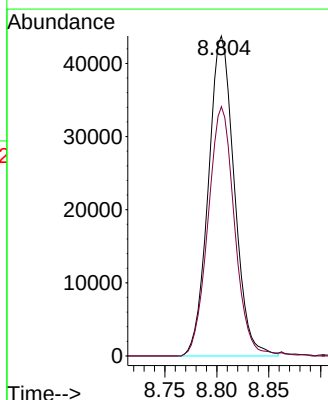
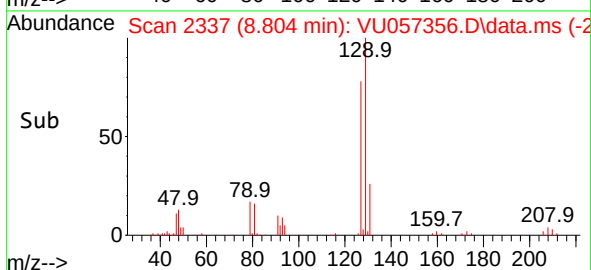
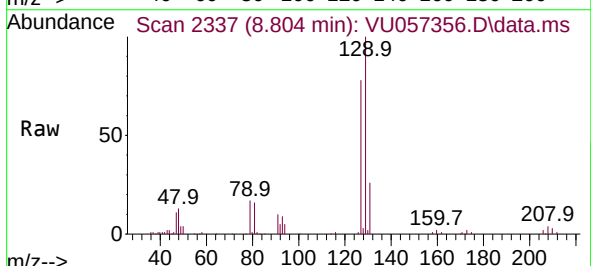


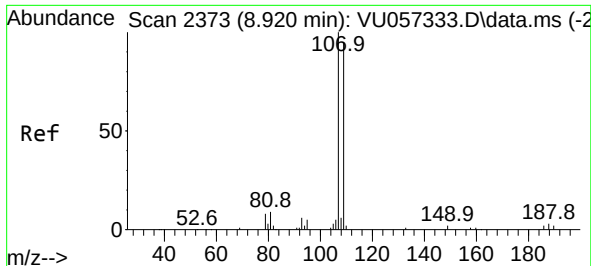
Tgt Ion: 43 Resp: 326808
Ion Ratio Lower Upper
43 100
58 60.3 48.4 72.6
57 20.6 17.4 26.2
100 12.8 10.1 15.1



#49
Dibromochloromethane
Concen: 4.715 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

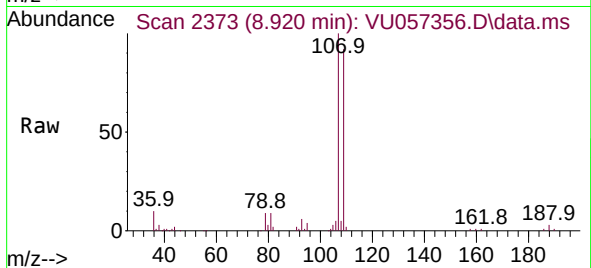
Tgt Ion: 129 Resp: 76007
Ion Ratio Lower Upper
129 100
127 77.9 54.2 100.6



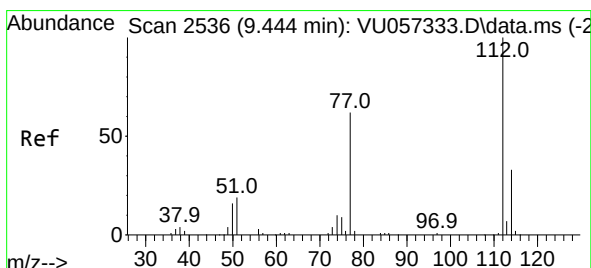
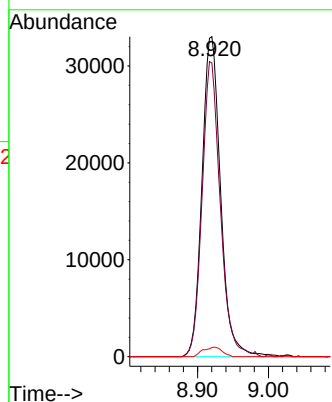
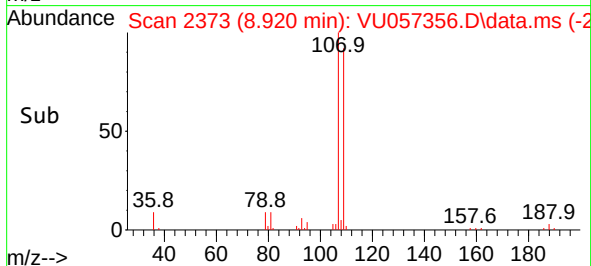


#50
1,2-Dibromoethane
Concen: 4.740 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Instrument :
MSVOA_U
ClientSampleId :

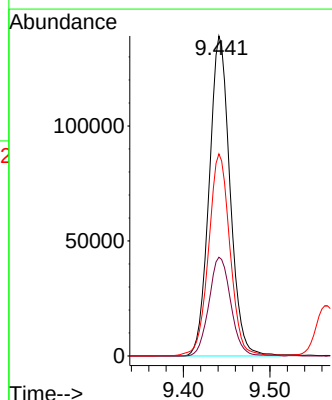
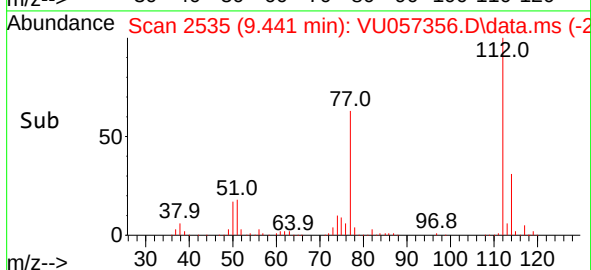
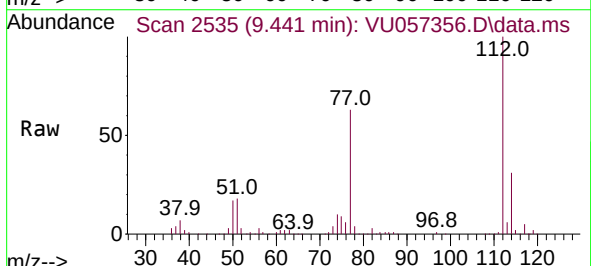


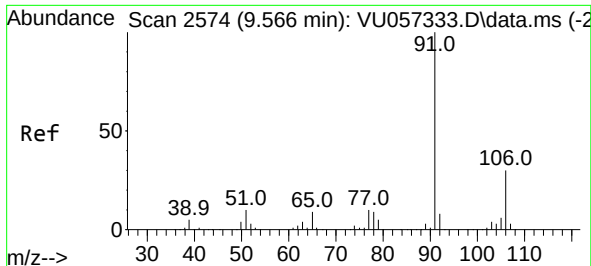
Tgt Ion:107 Resp: 60230
Ion Ratio Lower Upper
107 100
109 91.8 65.2 121.2
188 2.9 2.3 3.5



#51
Chlorobenzene
Concen: 5.088 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Tgt Ion:112 Resp: 232624
Ion Ratio Lower Upper
112 100
114 30.9 21.8 40.4
77 63.1 51.2 76.8





#52

Ethylbenzene

Concen: 5.124 ug/L

RT: 9.566 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

Instrument :

MSVOA_U

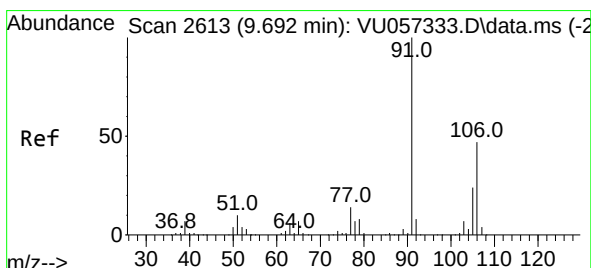
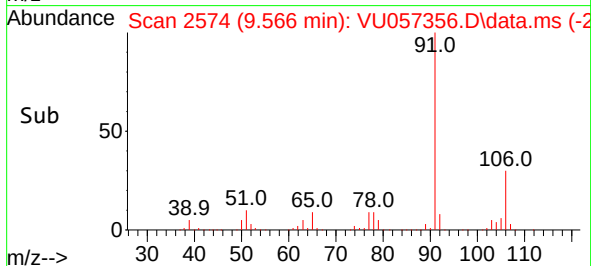
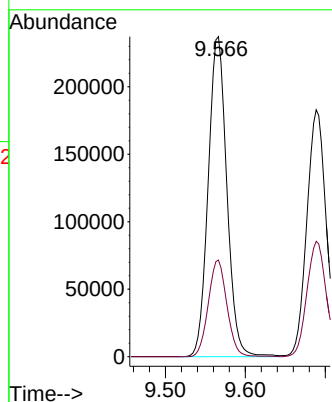
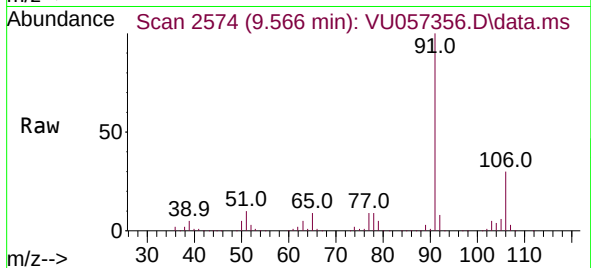
ClientSampleId :

Tgt Ion: 91 Resp: 384617

Ion Ratio Lower Upper

91 100

106 30.2 21.1 39.3



#53

m,p-Xylene

Concen: 5.102 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. -0.003 min

Lab File: VU057356.D

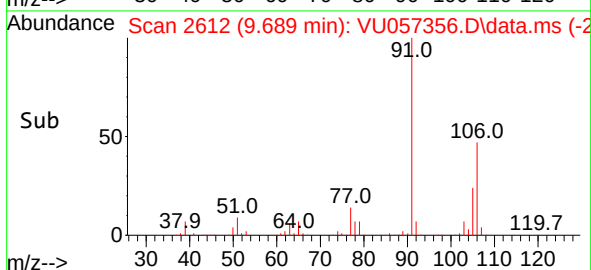
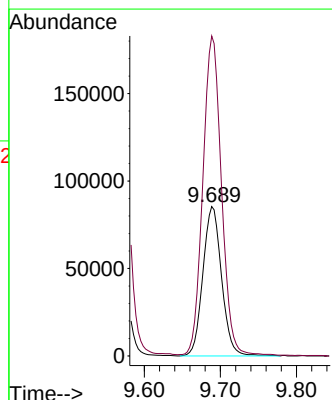
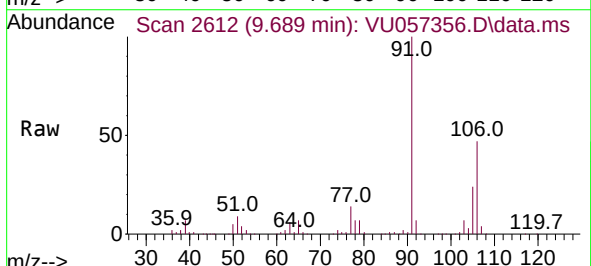
Acq: 29 Dec 2023 01:15

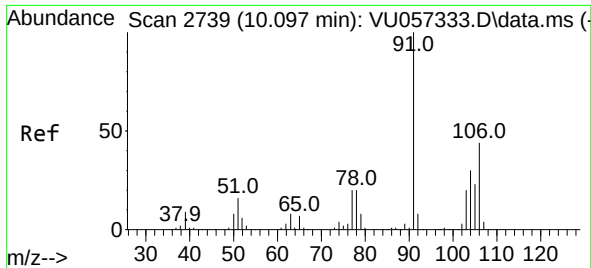
Tgt Ion: 106 Resp: 145808

Ion Ratio Lower Upper

106 100

91 214.0 151.5 281.5

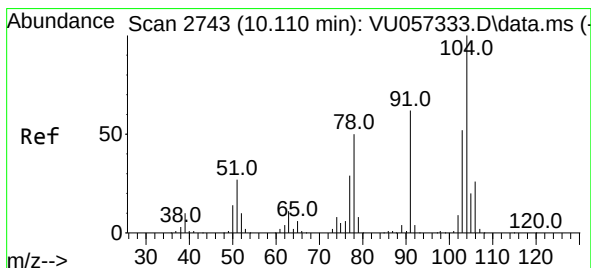
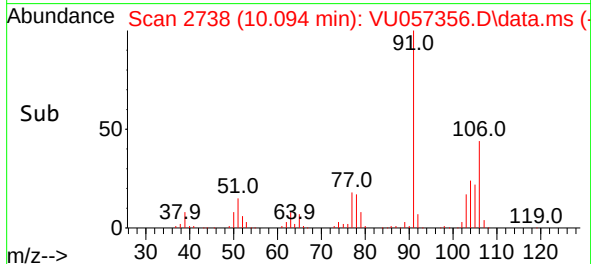
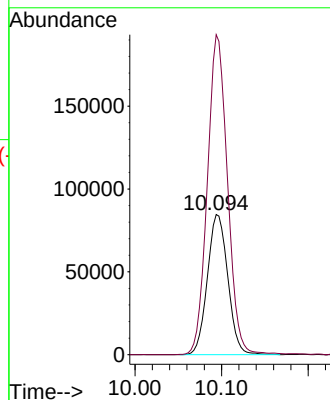
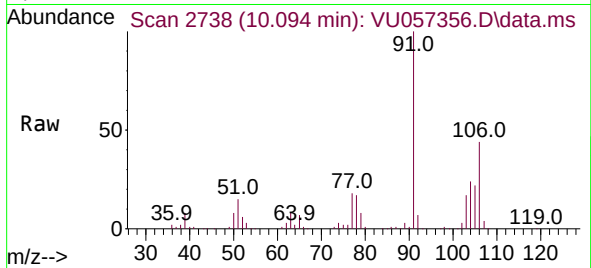




#54
o-Xylene
Concen: 5.111 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

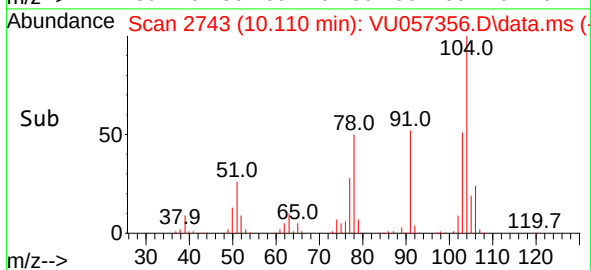
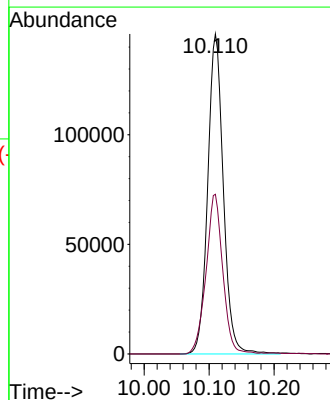
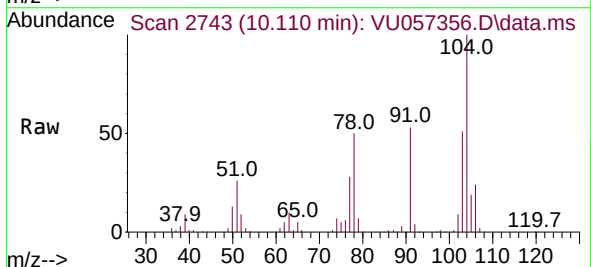
Instrument :
MSVOA_U
ClientSampleId :

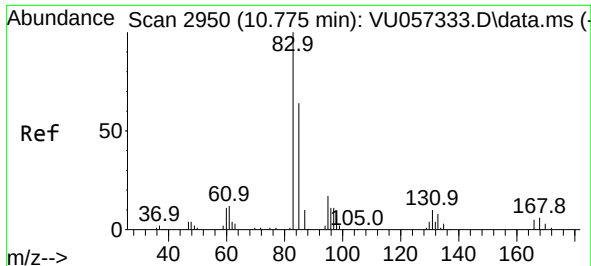
Tgt Ion:106 Resp: 138886
Ion Ratio Lower Upper
106 100
91 228.2 156.0 289.8



#55
Styrene
Concen: 5.347 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Tgt Ion:104 Resp: 244598
Ion Ratio Lower Upper
104 100
78 49.9 36.3 67.3





#57

1,1,2,2-Tetrachloroethane

Concen: 4.572 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

Instrument :

MSVOA_U

ClientSampleId :

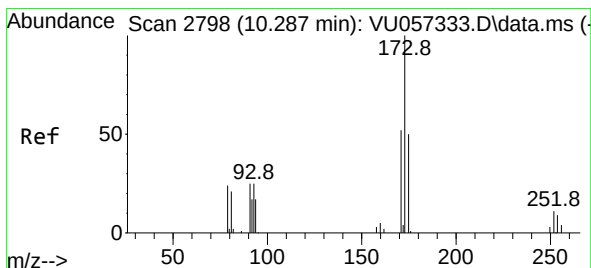
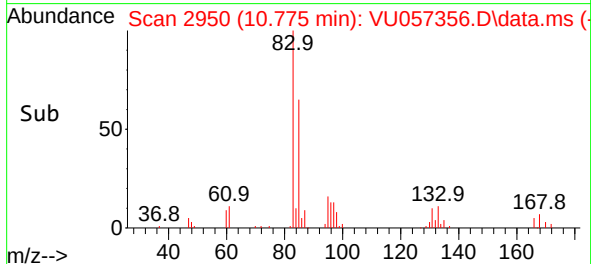
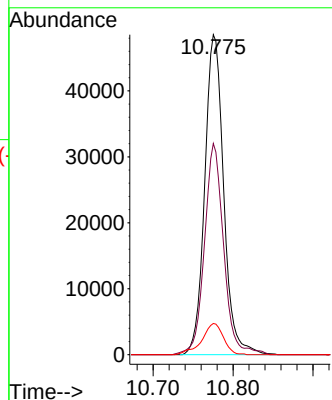
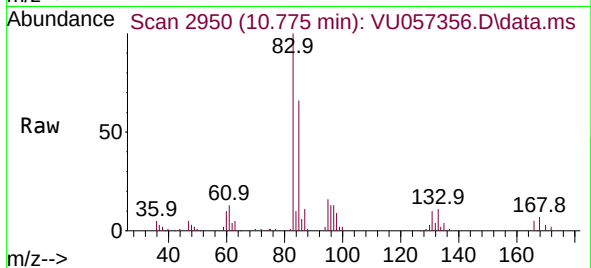
Tgt Ion: 83 Resp: 80071

Ion Ratio Lower Upper

83 100

85 66.0 44.7 83.1

131 9.7 7.7 11.5



#59

Bromoform

Concen: 4.740 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

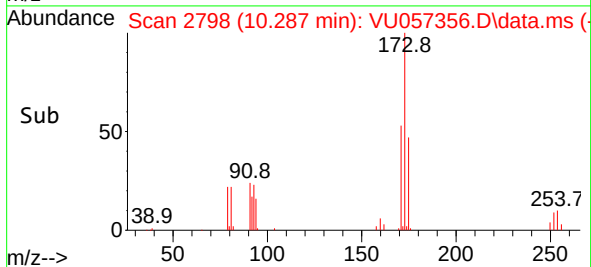
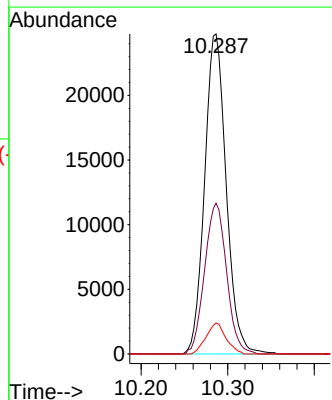
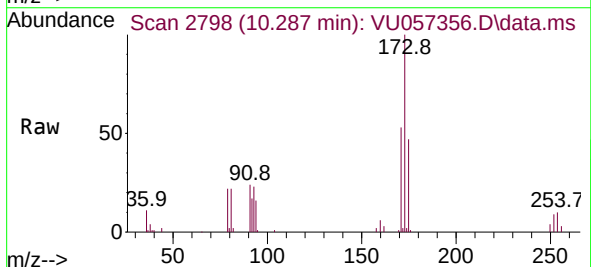
Tgt Ion:173 Resp: 42905

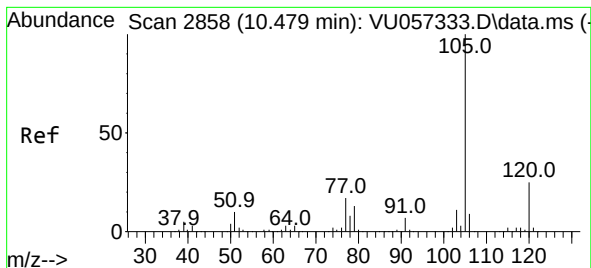
Ion Ratio Lower Upper

173 100

175 47.9 40.2 60.2

254 8.9 6.8 10.2





#60

Isopropylbenzene

Concen: 5.308 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

Instrument :

MSVOA_U

ClientSampleId :

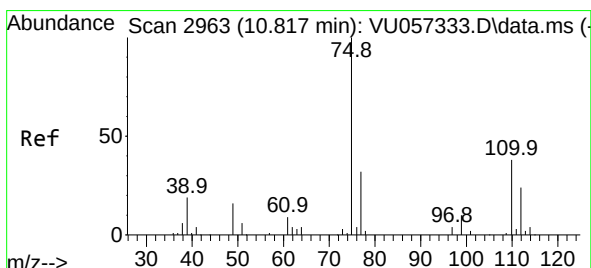
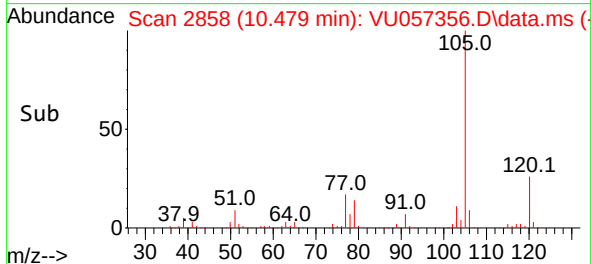
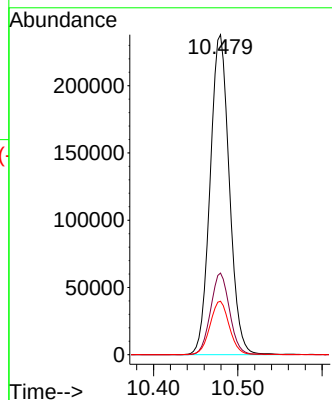
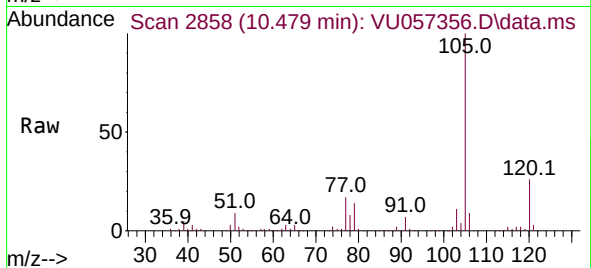
Tgt Ion:105 Resp: 376269

Ion Ratio Lower Upper

105 100

120 25.2 20.2 30.4

77 16.8 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 4.522 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

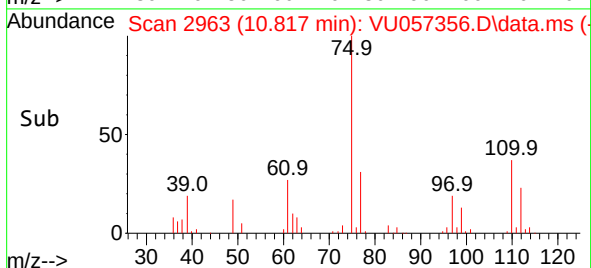
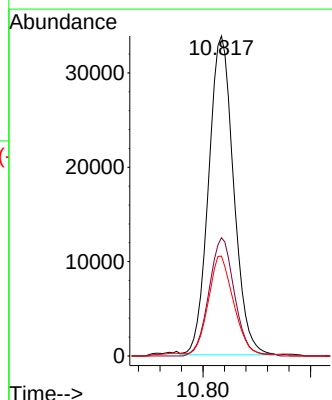
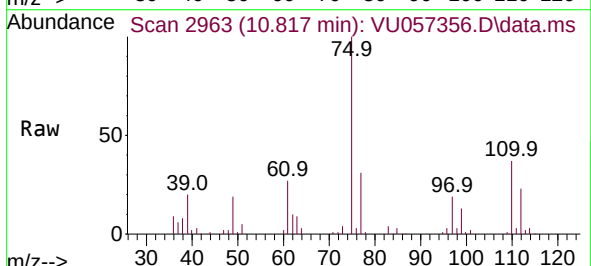
Tgt Ion: 75 Resp: 54579

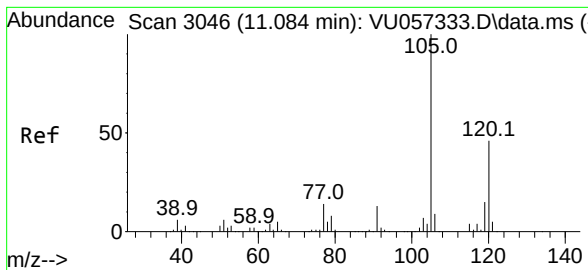
Ion Ratio Lower Upper

75 100

110 37.8 29.0 43.6

77 30.9 25.4 38.2

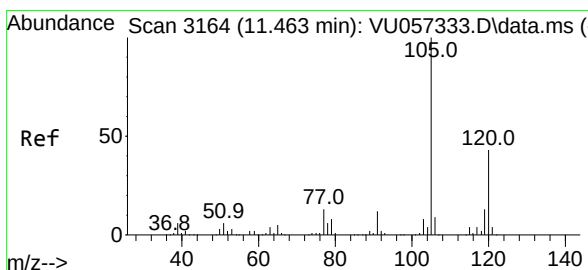
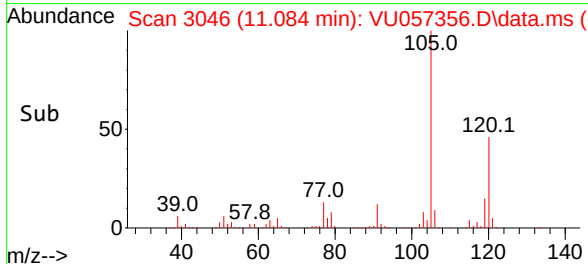
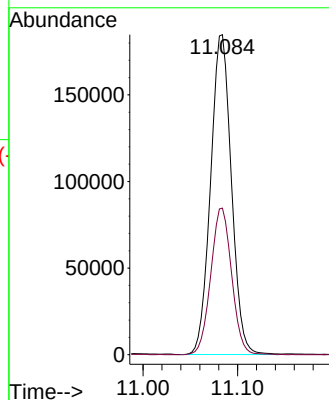
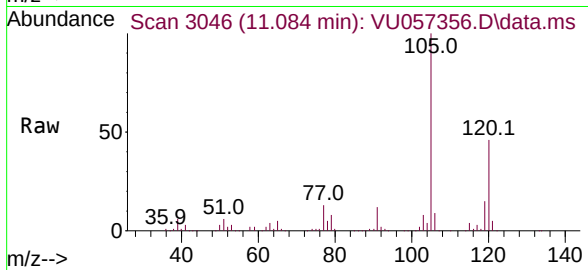




#62
 1,3,5-Trimethylbenzene
 Concen: 5.089 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU057356.D
 Acq: 29 Dec 2023 01:15

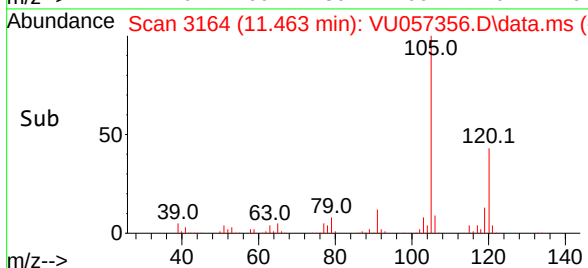
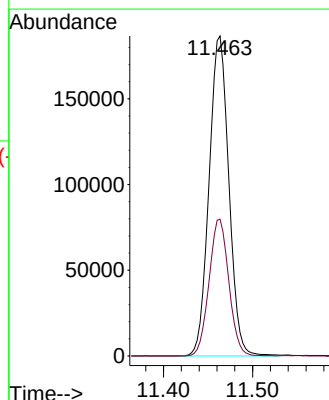
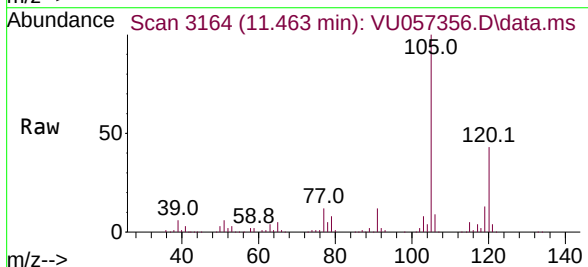
Instrument :
 MSVOA_U
 ClientSampleId :

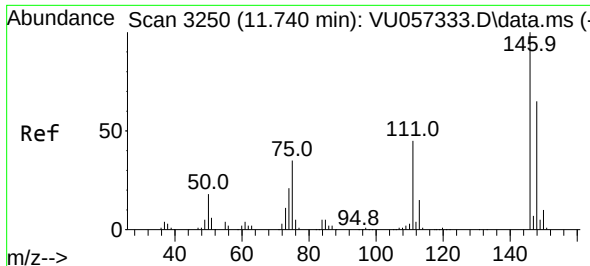
Tgt Ion:105 Resp: 282306
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.0 54.0



#63
 1,2,4-Trimethylbenzene
 Concen: 5.214 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU057356.D
 Acq: 29 Dec 2023 01:15

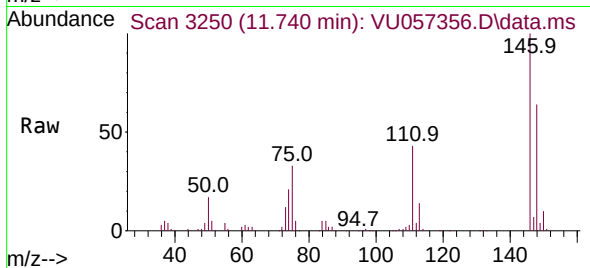
Tgt Ion:105 Resp: 287589
 Ion Ratio Lower Upper
 105 100
 120 42.7 33.5 50.3



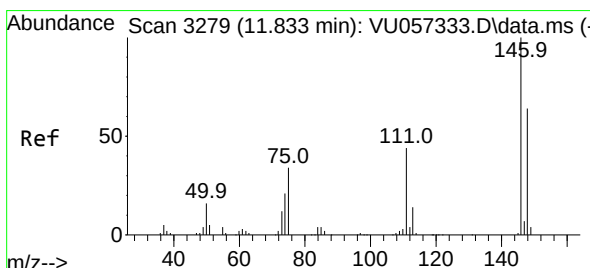
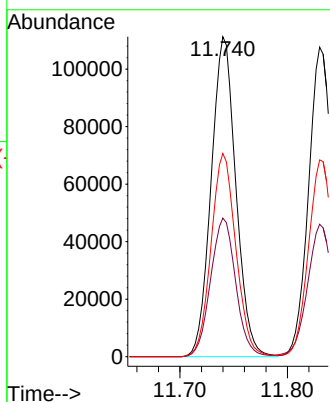
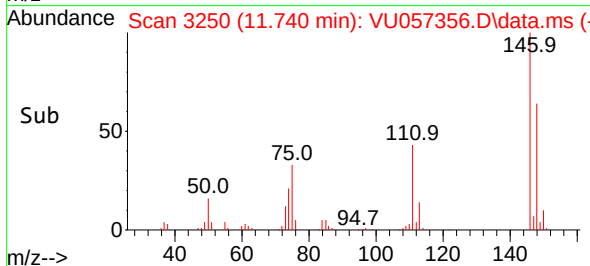


#64
1,3-Dichlorobenzene
Concen: 5.220 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

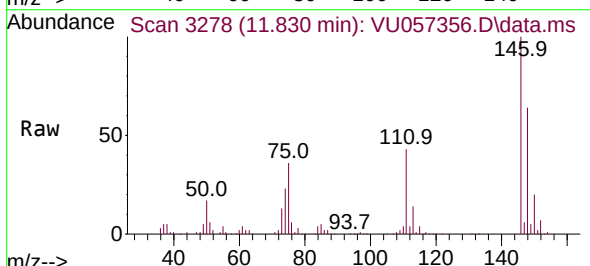
Instrument :
MSVOA_U
ClientSampleId :



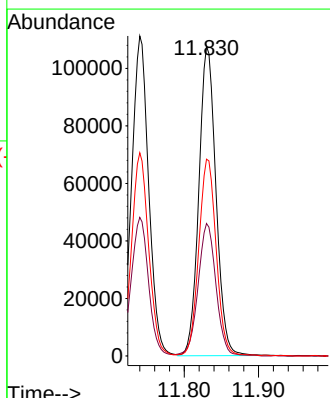
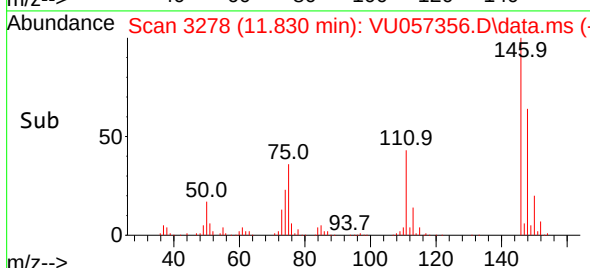
Tgt Ion:146 Resp: 177825
Ion Ratio Lower Upper
146 100
111 43.3 31.4 58.2
148 63.5 44.3 82.3

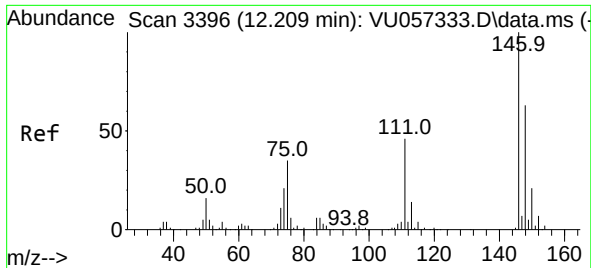


#65
1,4-Dichlorobenzene
Concen: 4.964 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15



Tgt Ion:146 Resp: 172123
Ion Ratio Lower Upper
146 100
111 42.8 30.9 57.3
148 63.6 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 4.848 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

Instrument :

MSVOA_U

ClientSampleId :

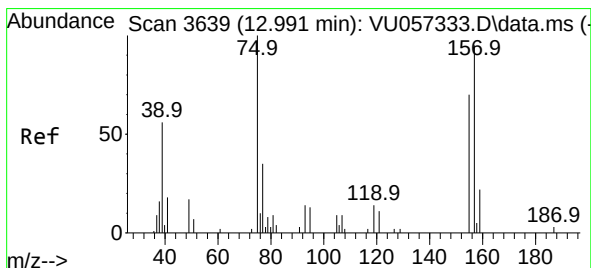
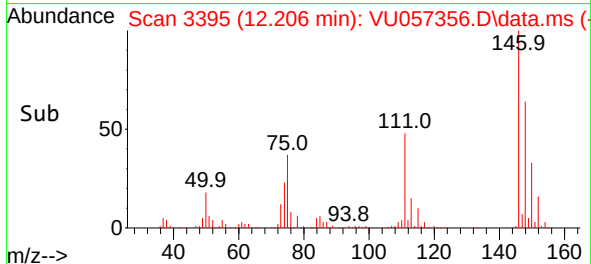
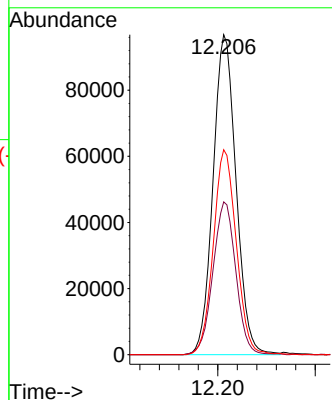
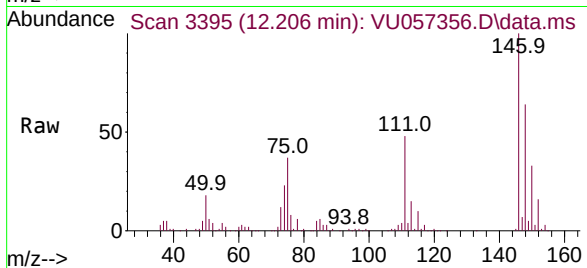
Tgt Ion:146 Resp: 158734

Ion Ratio Lower Upper

146 100

111 47.8 37.8 56.8

148 64.1 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.414 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

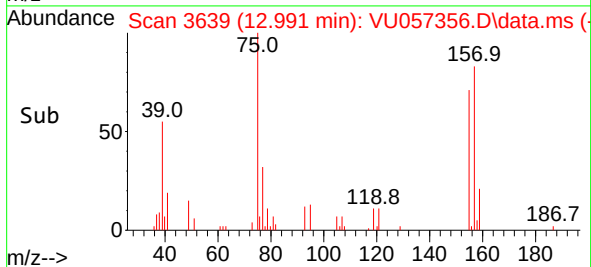
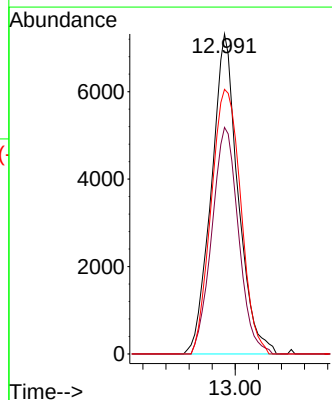
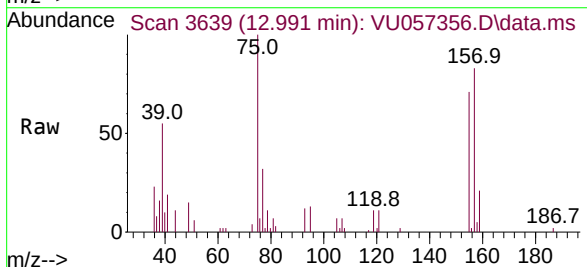
Tgt Ion: 75 Resp: 11714

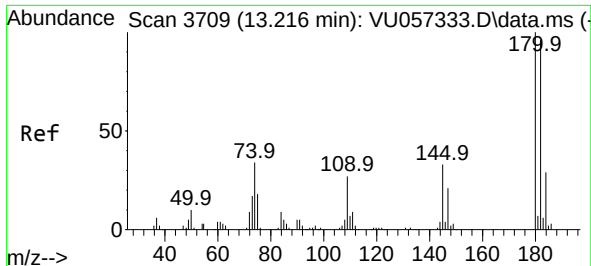
Ion Ratio Lower Upper

75 100

155 70.8 53.8 80.8

157 82.7 69.7 104.5





#69

1,3,5-Trichlorobenzene

Concen: 4.708 ug/L

RT: 13.213 min Scan# 31

Delta R.T. -0.003 min

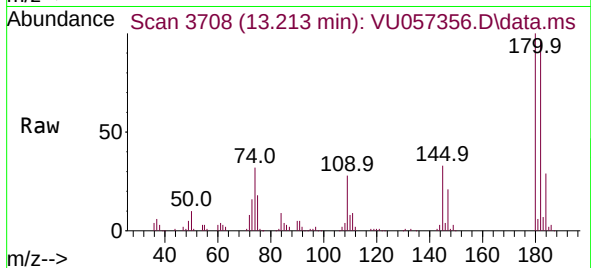
Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 114826

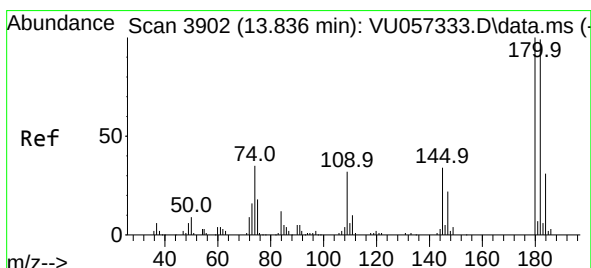
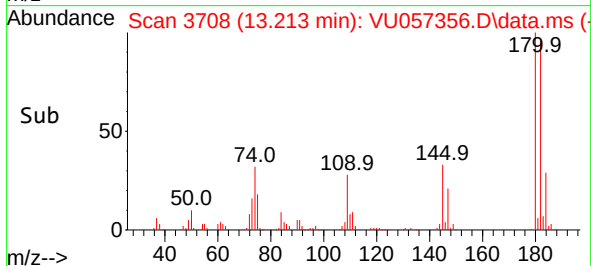
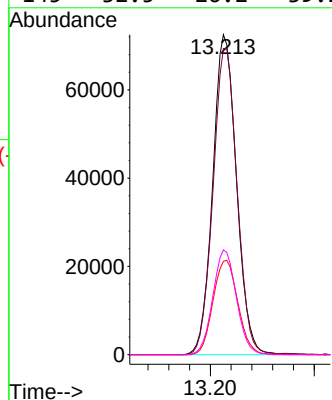
Ion Ratio Lower Upper

180 100

182 96.8 76.3 114.5

184 30.9 23.6 35.4

145 32.5 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 4.444 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU057356.D

Acq: 29 Dec 2023 01:15

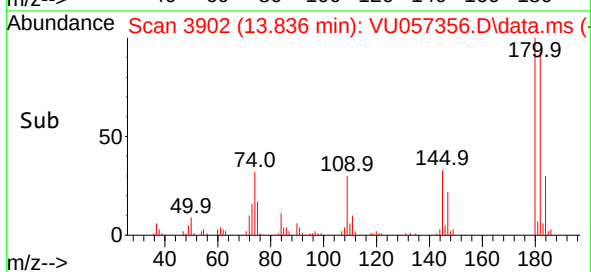
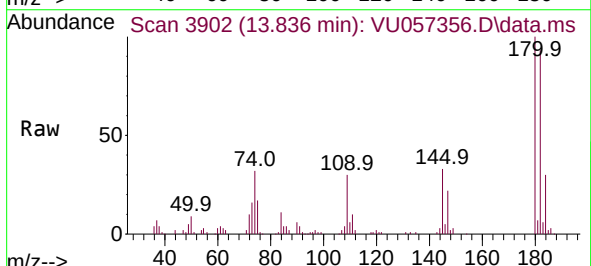
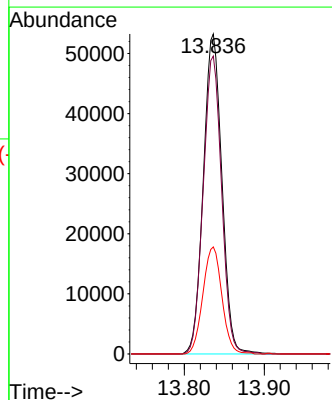
Tgt Ion:180 Resp: 86011

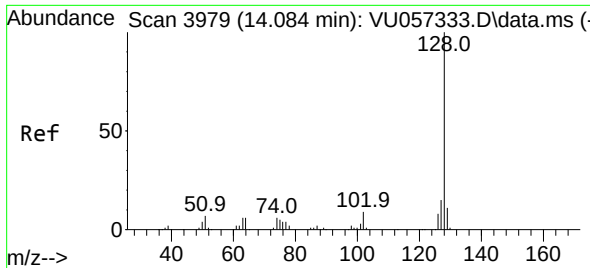
Ion Ratio Lower Upper

180 100

182 92.2 76.2 114.4

145 34.2 26.7 40.1

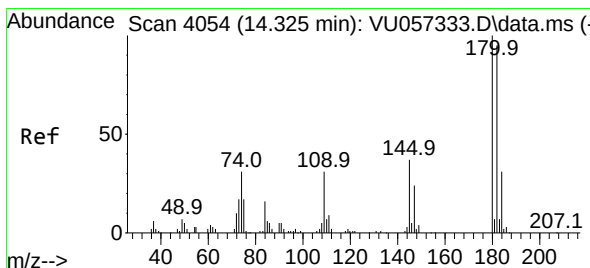
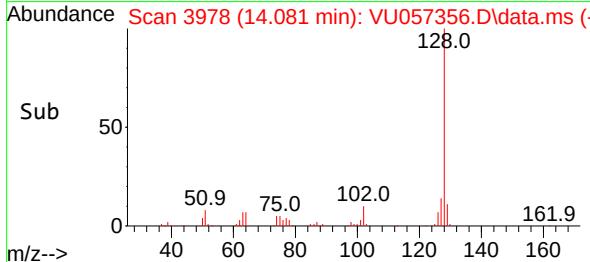
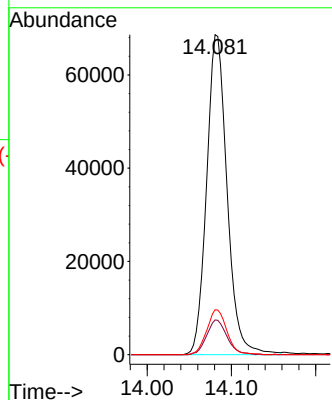
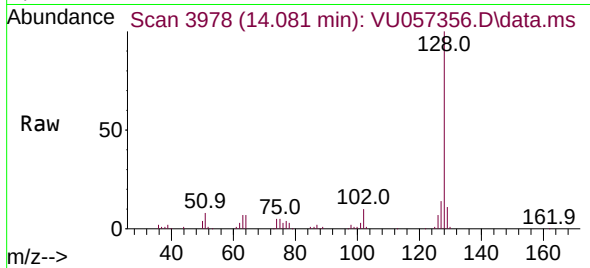




#71
Naphthalene
Concen: 3.833 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 115960
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.8 9.8 14.6



#72
1,2,3-Trichlorobenzene
Concen: 4.430 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU057356.D
Acq: 29 Dec 2023 01:15

Tgt Ion:180 Resp: 74734
Ion Ratio Lower Upper
180 100
182 96.9 75.8 113.8
145 36.5 28.0 42.0

