

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057079.D
 Acq On : 20 Dec 2023 09:12
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 23:37:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 06:35:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	210348	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	200187	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	100504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	68892	3.821	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.907	69	59813	4.433	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.563	65	29936	3.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.615	46	115222	32.359	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.720%
24) Chloroform-d	5.055	84	145404	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.695	65	65955	4.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.721	84	260101	4.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.685	67	74428	3.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.600%
41) Toluene-d8	7.891	98	238110	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.174	79	30813	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.627	63	103148	36.287	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54506	3.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	79156	4.007	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	97716	4.433	ug/L	100
3) Chloromethane	1.515	50	97503	4.499	ug/L	97
5) Vinyl chloride	1.602	62	101183	4.701	ug/L	100
6) Bromomethane	1.849	94	60078	4.734	ug/L	95
8) Chloroethane	1.930	64	63010	4.998	ug/L	96
9) Trichlorofluoromethane	2.136	101	165769	5.465	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	90140	4.845	ug/L	99
12) 1,1-Dichloroethene	2.576	96	76190	4.461	ug/L	93
13) Acetone	2.618	43	87529	40.337	ug/L	96
14) Carbon disulfide	2.788	76	228643	3.859	ug/L	100
15) Methyl Acetate	2.946	43	22127	3.746	ug/L	93
16) Methylene chloride	3.042	84	86087	4.627	ug/L	95
17) Methyl tert-butyl Ether	3.351	73	169557	4.478	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	78129	4.512	ug/L	99
19) 1,1-Dichloroethane	3.862	63	154316	4.633	ug/L	98
21) 2-Butanone	4.692	43	134197	36.672	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	86006	4.566	ug/L	98
23) Bromochloromethane	4.968	128	35584	4.512	ug/L	92
25) Chloroform	5.081	83	168571	4.831	ug/L	99

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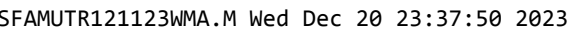
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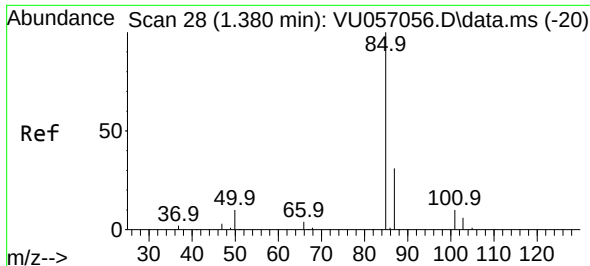
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	98490	4.773	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	154343	5.334	ug/L	99
30) Cyclohexane	5.383	56	116706	4.297	ug/L	97
31) Carbon tetrachloride	5.518	117	135732	5.397	ug/L	100
33) Benzene	5.769	78	333356	4.738	ug/L	100
34) Trichloroethene	6.537	95	93139	4.826	ug/L	99
35) Methylcyclohexane	6.756	83	125988	4.424	ug/L	98
37) 1,2-Dichloropropane	6.785	63	84175	4.677	ug/L	100
38) Bromodichloromethane	7.100	83	115870	5.049	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	122383	4.666	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	349013	40.841	ug/L	98
42) Toluene	7.965	91	355678	4.886	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	101736	4.732	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	57797	4.750	ug/L	97
47) Tetrachloroethene	8.547	164	68128	5.044	ug/L	95
48) 2-Hexanone	8.679	43	251961	41.397	ug/L	98
49) Dibromochloromethane	8.804	129	69740	4.987	ug/L	97
50) 1,2-Dibromoethane	8.917	107	51209	4.535	ug/L	98
51) Chlorobenzene	9.441	112	218053	4.700	ug/L	98
52) Ethylbenzene	9.566	91	393294	4.898	ug/L	99
53) m,p-Xylene	9.688	106	147567	4.932	ug/L	98
54) o-Xylene	10.097	106	141499	4.964	ug/L	100
55) Styrene	10.110	104	241750	5.165	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	67666	4.603	ug/L #	96
59) Bromoform	10.283	173	39390	4.800	ug/L	99
60) Isopropylbenzene	10.479	105	390304	4.915	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	47034	4.358	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	312658	4.818	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	320259	4.969	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	178923	4.763	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	174722	4.724	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	158626	4.636	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	9959	4.622	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	131414	4.630	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	98096	4.365	ug/L	99
71) Naphthalene	14.084	128	115843	3.522	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	77159	4.044	ug/L	99

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

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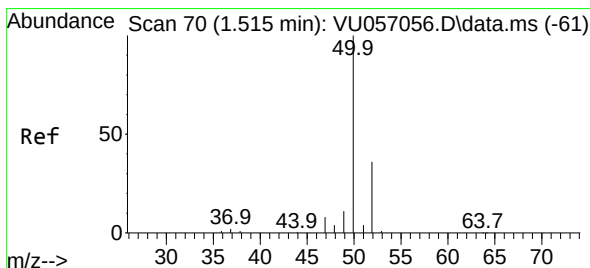
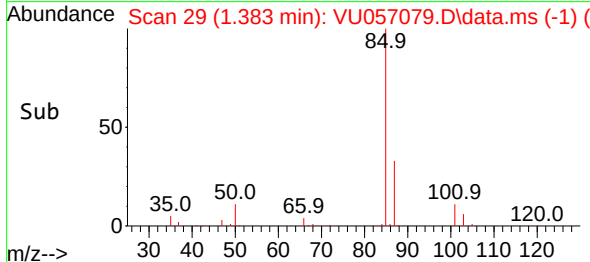
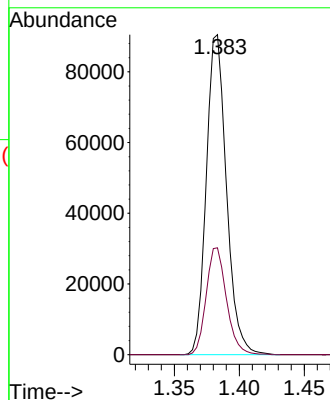
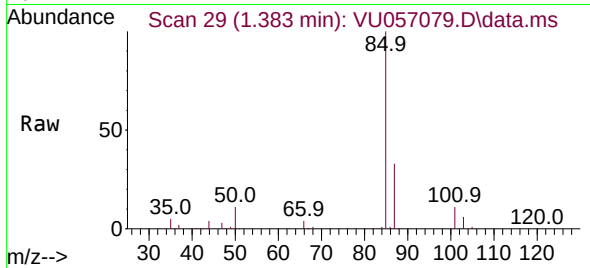




#2
 Dichlorodifluoromethane
 Concen: 4.433 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU057079.D
 Acq: 20 Dec 2023 09:12

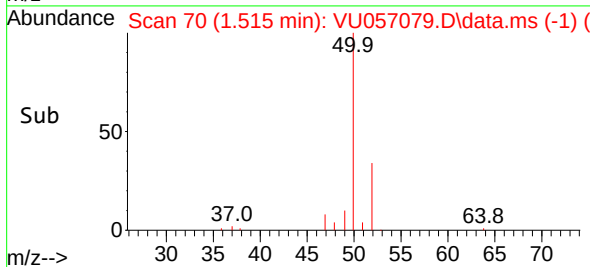
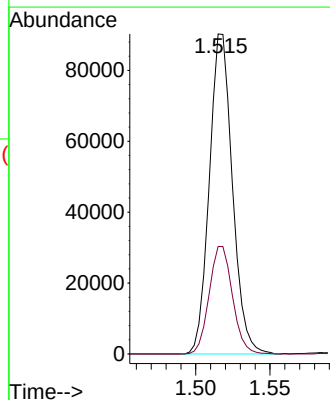
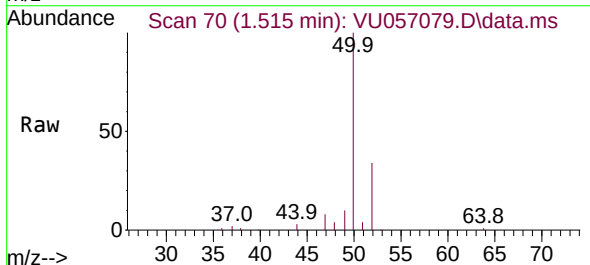
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 ClientSampleId :

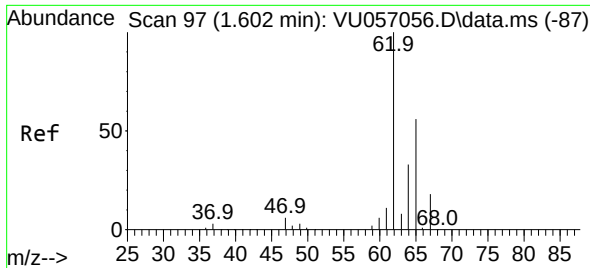
Tgt Ion: 85 Resp: 97716
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.8 40.2



#3
 Chloromethane
 Concen: 4.499 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU057079.D
 Acq: 20 Dec 2023 09:12

Tgt Ion: 50 Resp: 97503
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.5 41.7

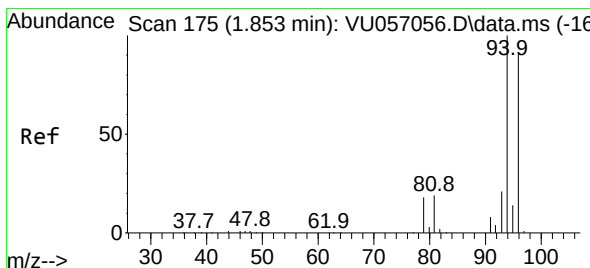
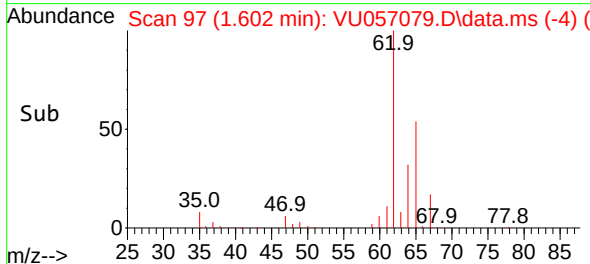
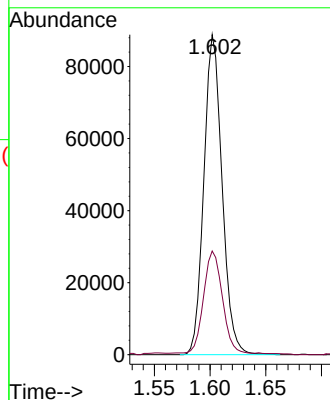
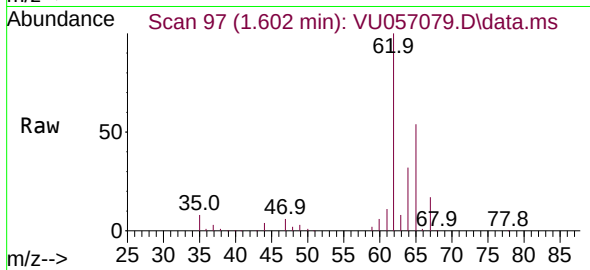




#5
 Vinyl chloride
 Concen: 4.701 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU057079.D
 Acq: 20 Dec 2023 09:12

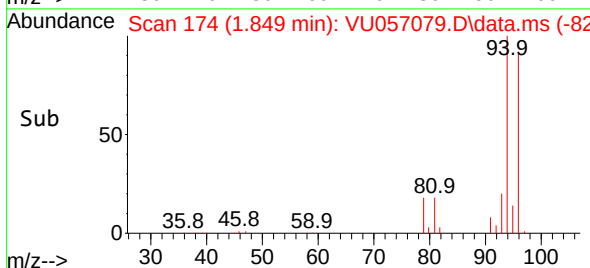
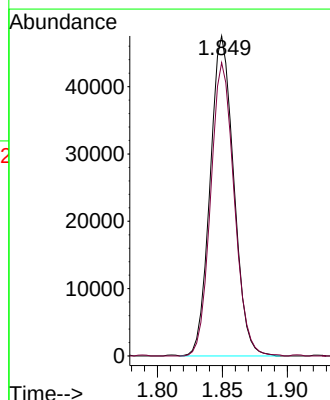
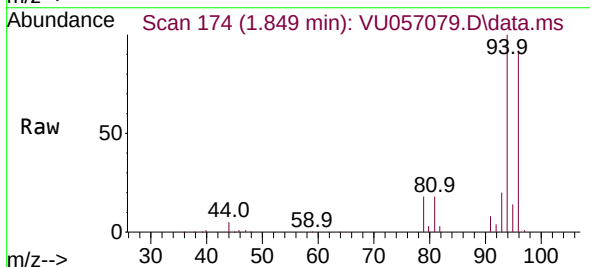
Instrument :
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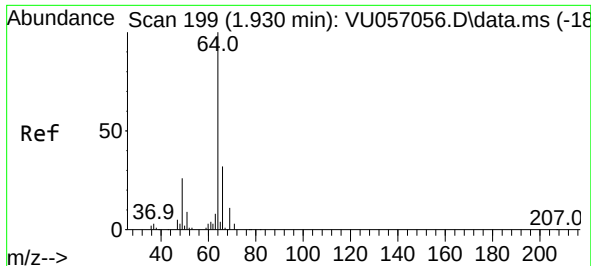
Tgt Ion: 62 Resp: 101183
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.8 42.4



#6
 Bromomethane
 Concen: 4.734 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU057079.D
 Acq: 20 Dec 2023 09:12

Tgt Ion: 94 Resp: 60078
 Ion Ratio Lower Upper
 94 100
 96 91.7 67.8 125.8

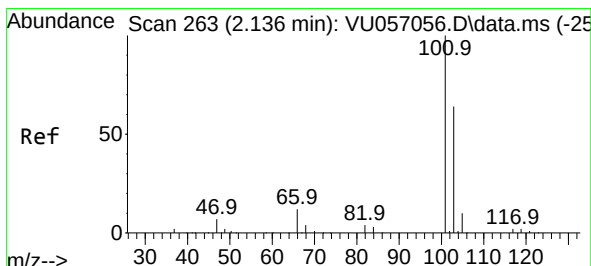
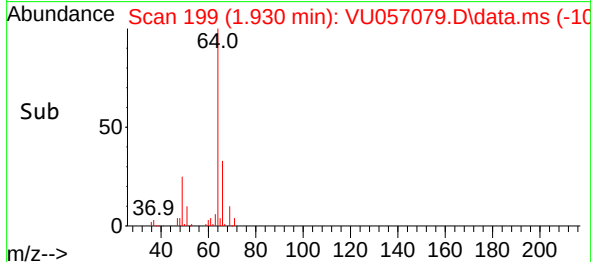
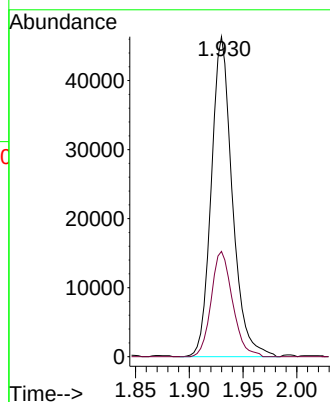
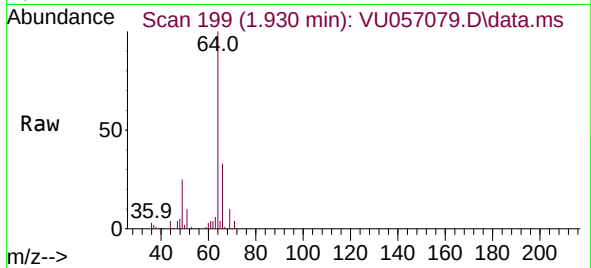




#8
Chloroethane
Concen: 4.998 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

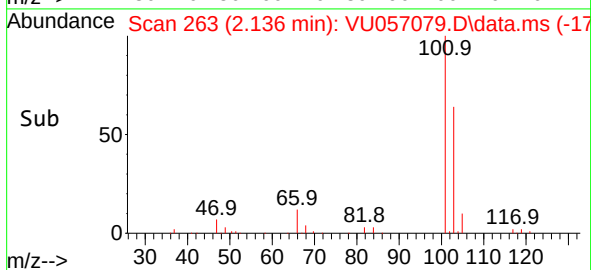
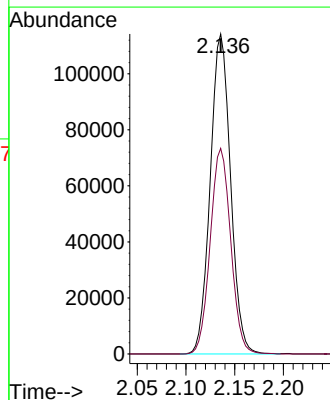
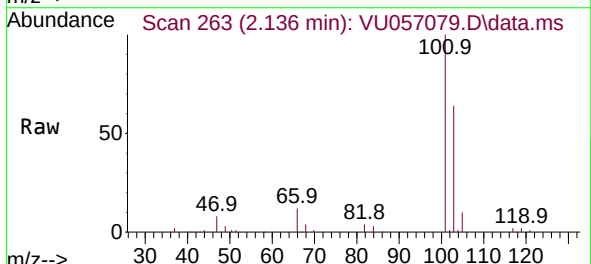
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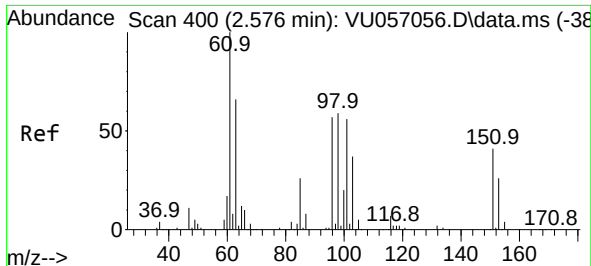
Tgt Ion: 64 Resp: 63010
Ion Ratio Lower Upper
64 100
66 32.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.465 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

Tgt Ion: 101 Resp: 165769
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

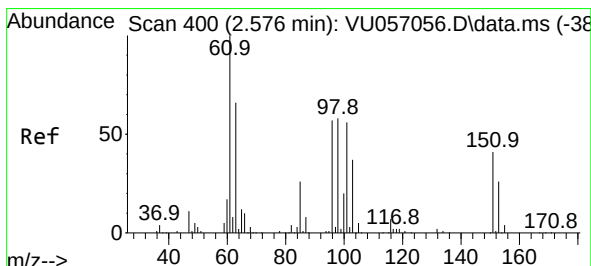
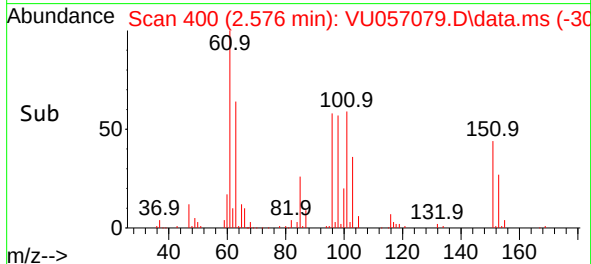
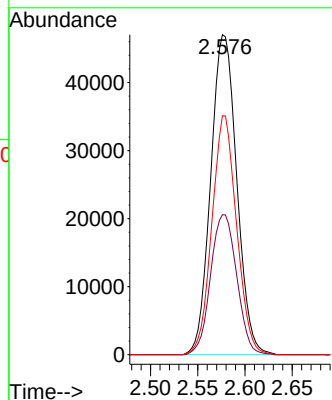
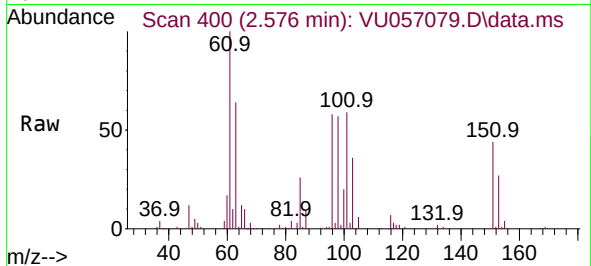




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.845 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU057079.D
 Acq: 20 Dec 2023 09:12

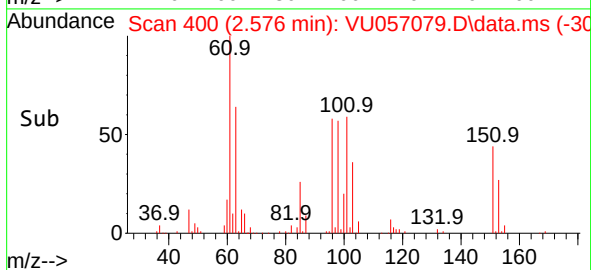
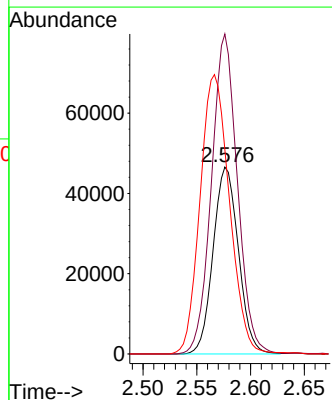
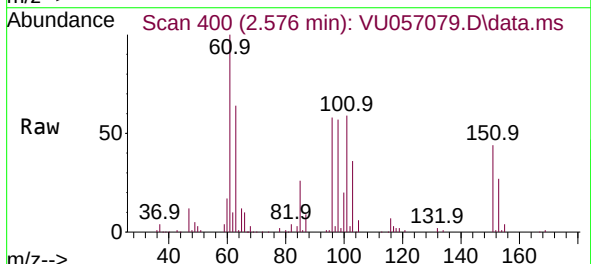
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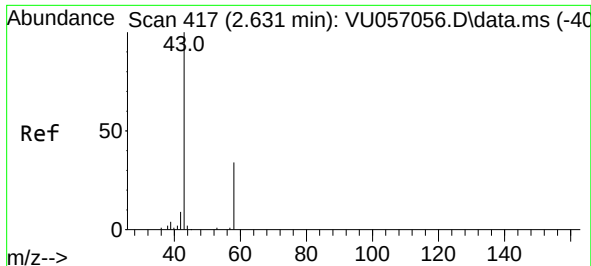
Tgt Ion:101 Resp: 90140
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.2 52.8
 151 70.9 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.461 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU057079.D
 Acq: 20 Dec 2023 09:12

Tgt Ion: 96 Resp: 76190
 Ion Ratio Lower Upper
 96 100
 61 171.3 119.0 221.0
 63 109.5 88.7 164.7





#13

Acetone

Concen: 40.337 ug/L

RT: 2.618 min Scan# 417

Delta R.T. -0.013 min

Lab File: VU057079.D

Acq: 20 Dec 2023 09:12

Instrument :

MSVOA_U

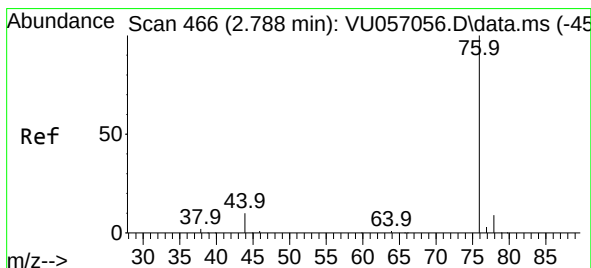
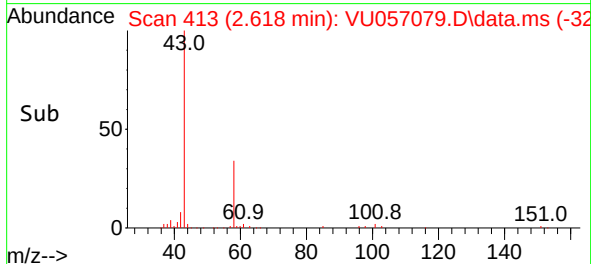
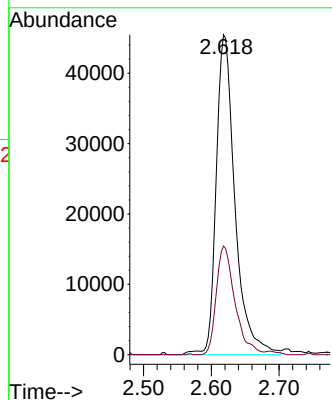
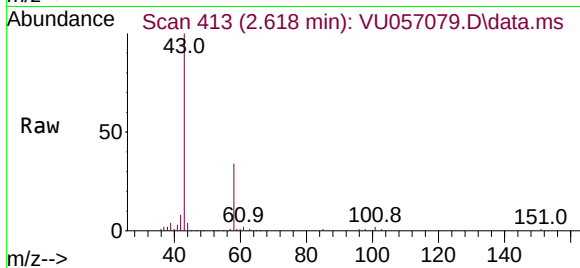
ClientSampleId :

Tgt Ion: 43 Resp: 87529

Ion Ratio Lower Upper

43 100

58 33.7 0.0 72.6



#14

Carbon disulfide

Concen: 3.859 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU057079.D

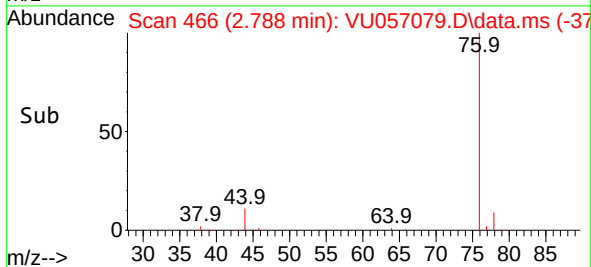
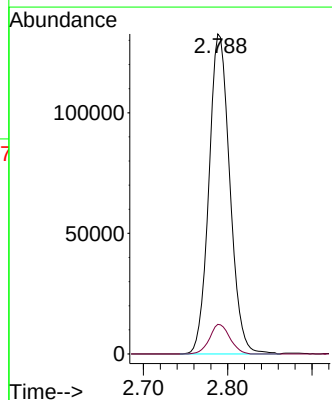
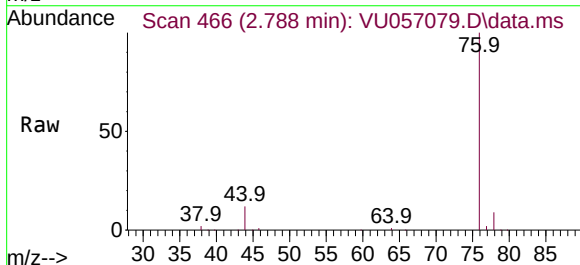
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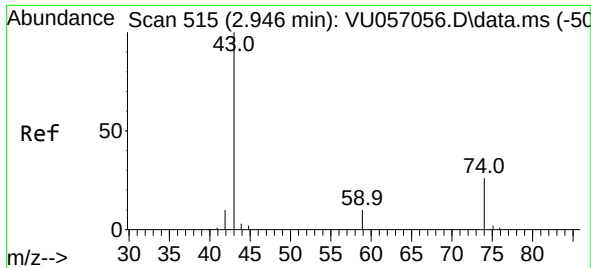
Tgt Ion: 76 Resp: 228643

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

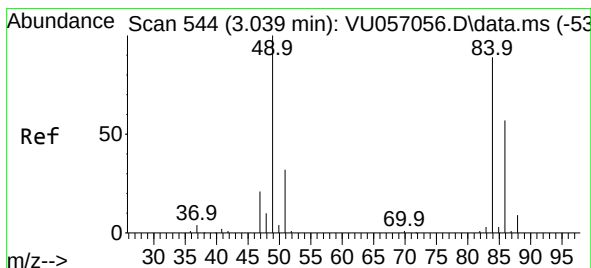
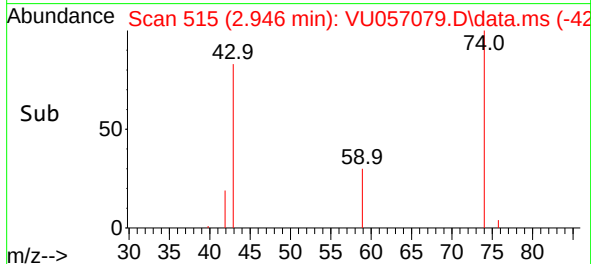
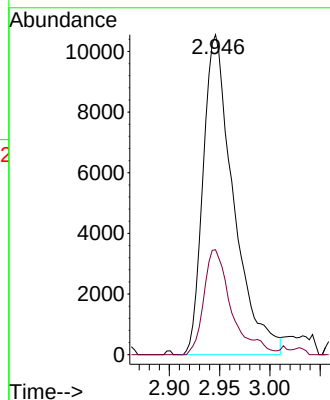
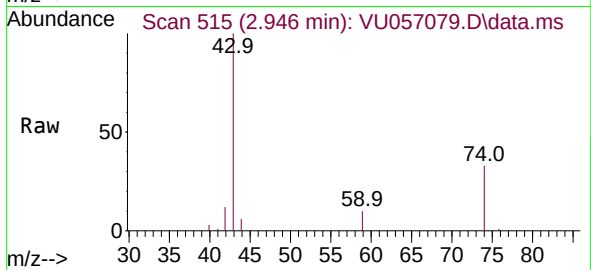




#15
Methyl Acetate
Concen: 3.746 ug/L
RT: 2.946 min Scan# 515
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

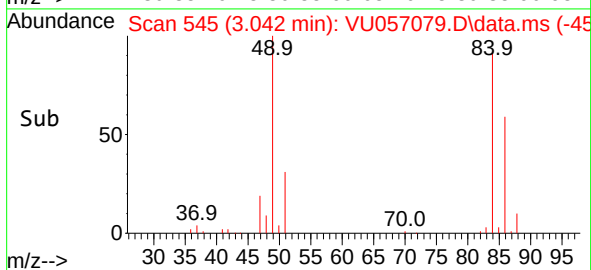
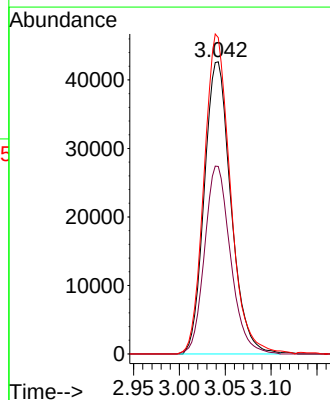
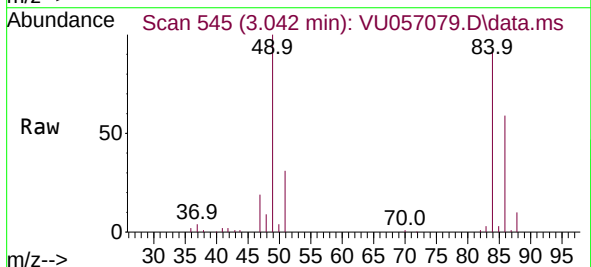
Instrument :
MSVOA_U
ClientSampleId :

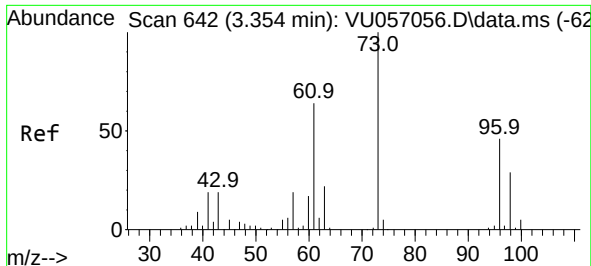
Tgt Ion: 43 Resp: 22127
Ion Ratio Lower Upper
43 100
74 29.9 21.0 31.6



#16
Methylene chloride
Concen: 4.627 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

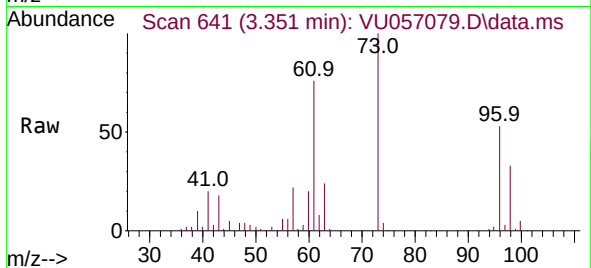
Tgt Ion: 84 Resp: 86087
Ion Ratio Lower Upper
84 100
86 64.2 43.6 81.0
49 108.3 80.6 149.6



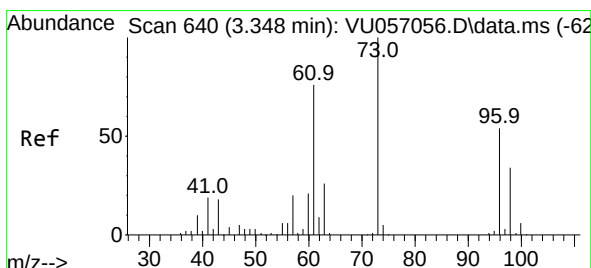
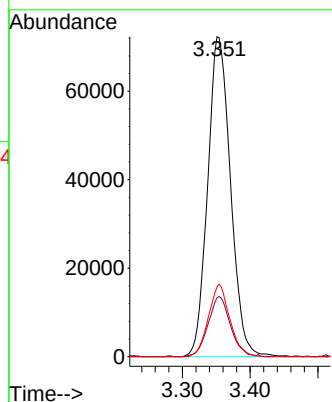
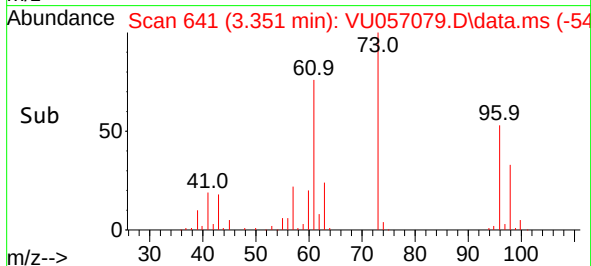


#17
Methyl tert-butyl Ether
Concen: 4.478 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

Instrument :
MSVOA_U
ClientSampleId :

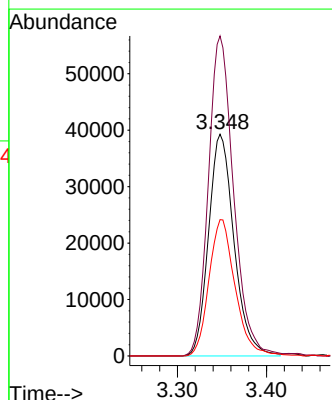
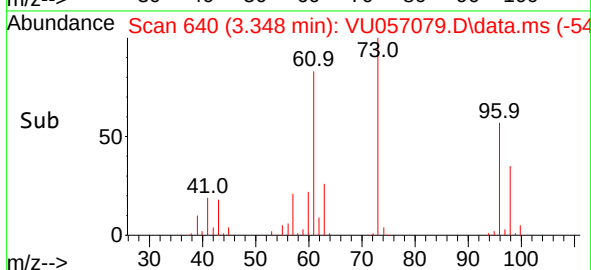
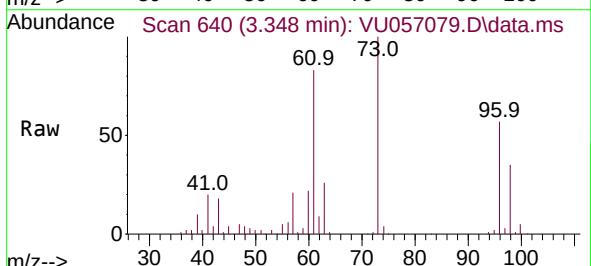


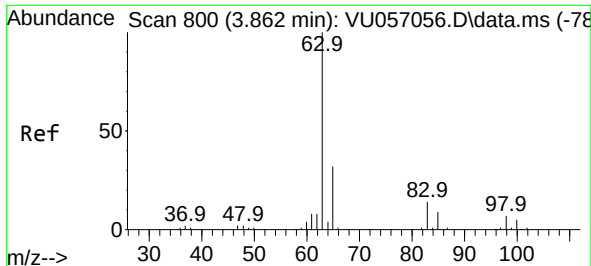
Tgt Ion: 73 Resp: 169557
Ion Ratio Lower Upper
73 100
43 18.4 14.4 21.6
57 21.1 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.512 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

Tgt Ion: 96 Resp: 78129
Ion Ratio Lower Upper
96 100
61 144.2 101.8 189.0
98 61.4 43.0 79.8





#19

1,1-Dichloroethane

Concen: 4.633 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU057079.D

Acq: 20 Dec 2023 09:12

Instrument :

MSVOA_U

ClientSampleId :

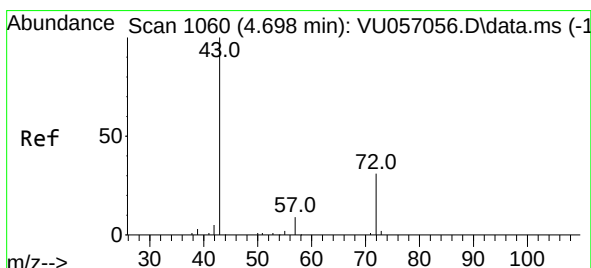
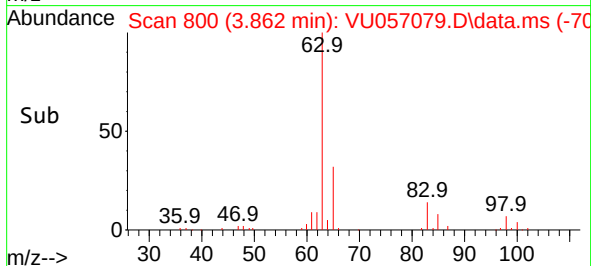
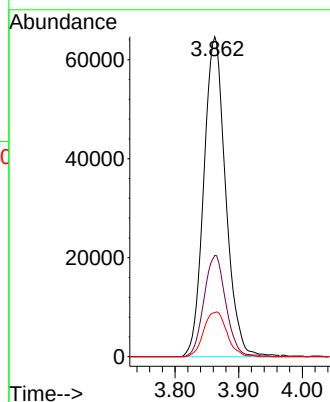
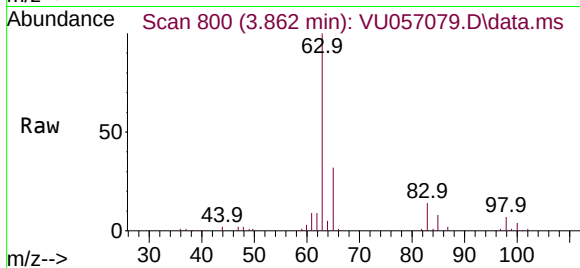
Tgt Ion: 63 Resp: 154316

Ion Ratio Lower Upper

63 100

65 31.7 22.9 42.5

83 13.8 10.1 18.9



#21

2-Butanone

Concen: 36.672 ug/L

RT: 4.692 min Scan# 1058

Delta R.T. -0.006 min

Lab File: VU057079.D

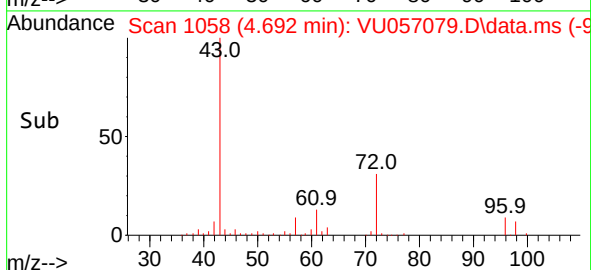
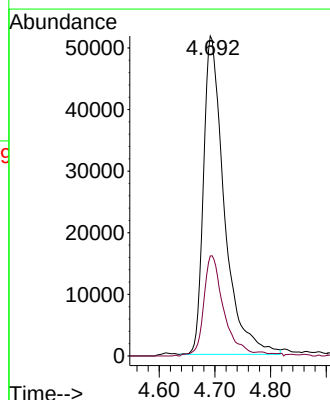
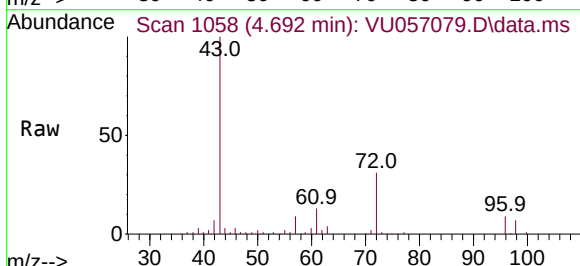
Acq: 20 Dec 2023 09:12

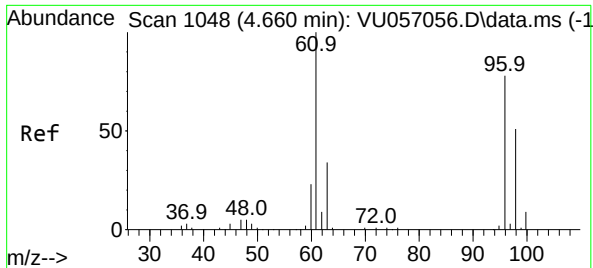
Tgt Ion: 43 Resp: 134197

Ion Ratio Lower Upper

43 100

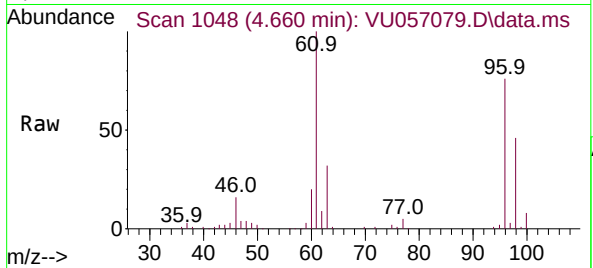
72 30.1 14.6 43.8



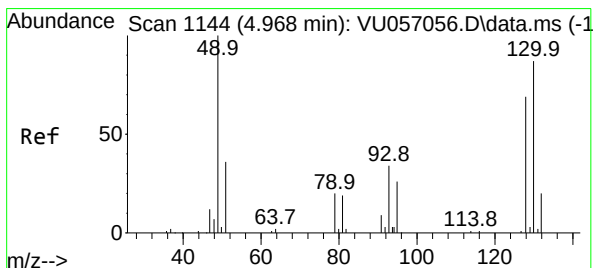
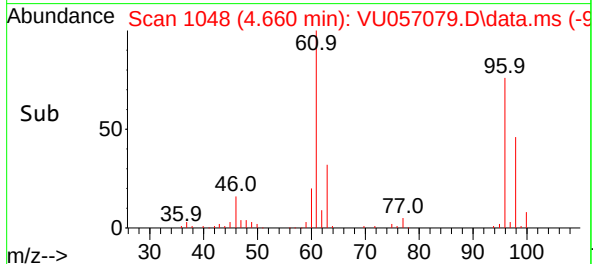
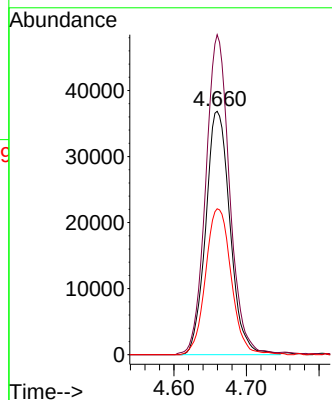


#22
 cis-1,2-Dichloroethene
 Concen: 4.566 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057079.D
 Acq: 20 Dec 2023 09:12

Instrument :
 MSVOA_U
 ClientSampleId :

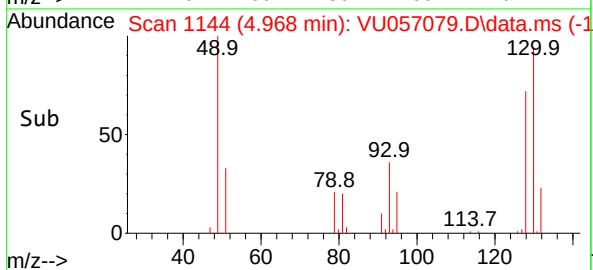
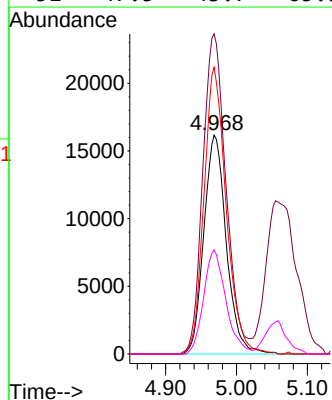
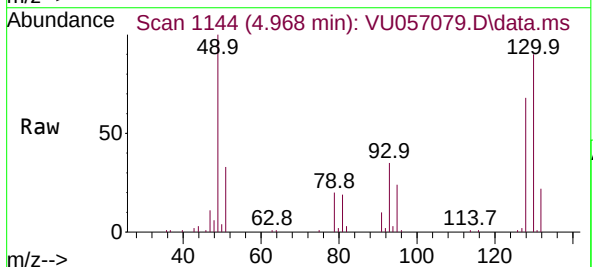


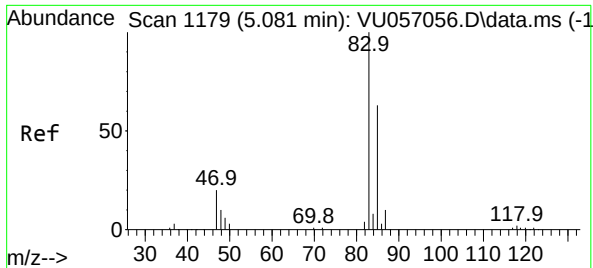
Tgt Ion: 96	Resp: 86006
Ion Ratio	Lower Upper
96 100	
61 131.5	91.3 169.6
98 60.0	44.2 82.0



#23
 Bromochloromethane
 Concen: 4.512 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU057079.D
 Acq: 20 Dec 2023 09:12

Tgt Ion: 128	Resp: 35584
Ion Ratio	Lower Upper
128 100	
49 146.1	113.8 211.3
130 130.9	90.6 168.3
51 47.5	43.7 65.5

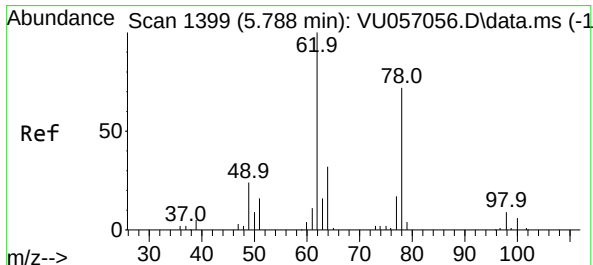
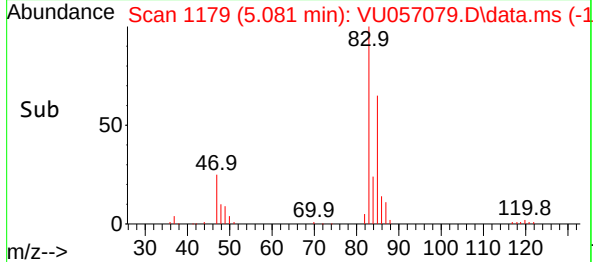
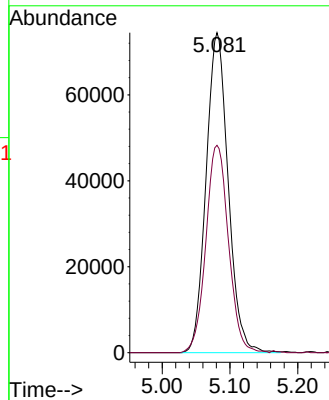
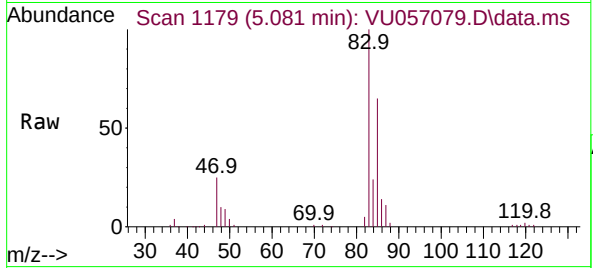




#25
Chloroform
Concen: 4.831 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

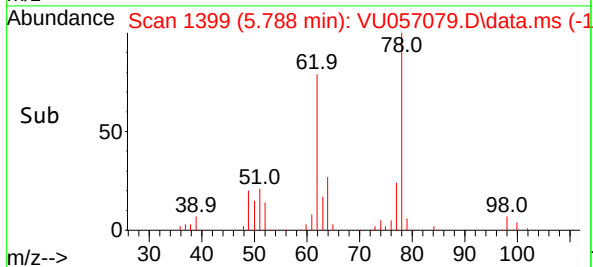
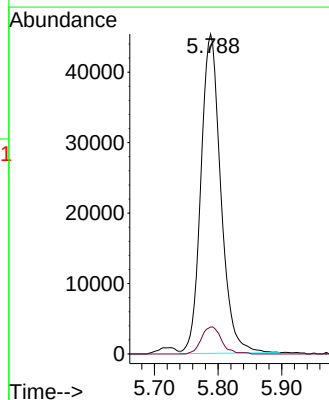
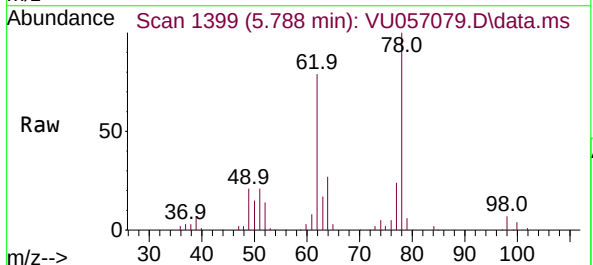
Instrument :
MSVOA_U
ClientSampleId :

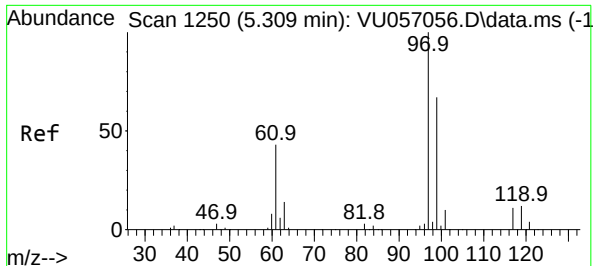
Tgt Ion: 83 Resp: 168571
Ion Ratio Lower Upper
83 100
85 64.8 45.8 85.0



#27
1,2-Dichloroethane
Concen: 4.773 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

Tgt Ion: 62 Resp: 98490
Ion Ratio Lower Upper
62 100
98 8.4 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 5.334 ug/L

RT: 5.309 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057079.D

Acq: 20 Dec 2023 09:12

Instrument :

MSVOA_U

ClientSampleId :

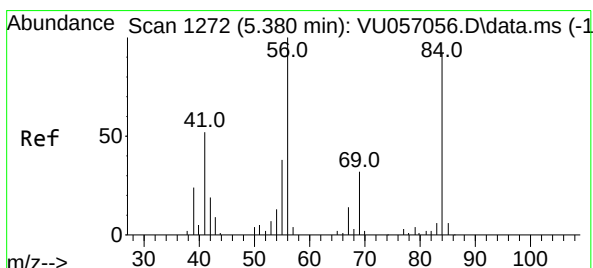
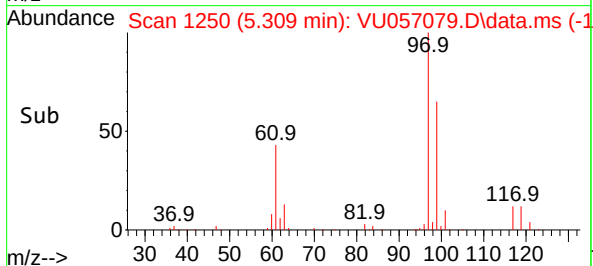
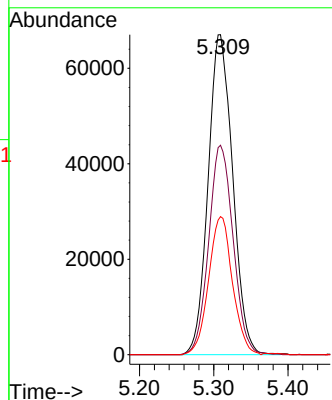
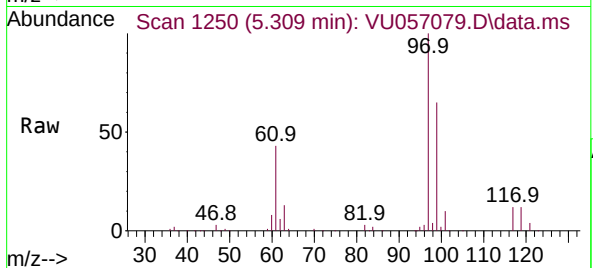
Tgt Ion: 97 Resp: 154343

Ion Ratio Lower Upper

97 100

99 65.2 52.5 78.7

61 41.9 34.2 51.2



#30

Cyclohexane

Concen: 4.297 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VU057079.D

Acq: 20 Dec 2023 09:12

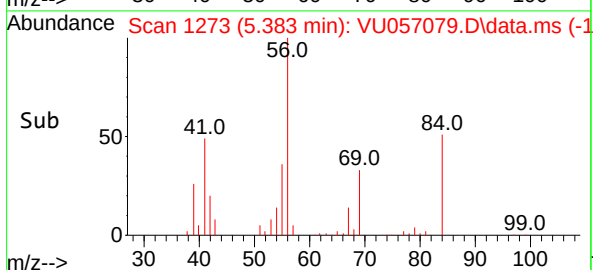
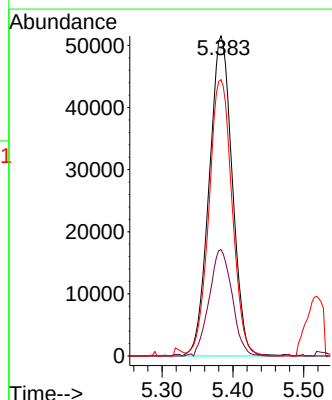
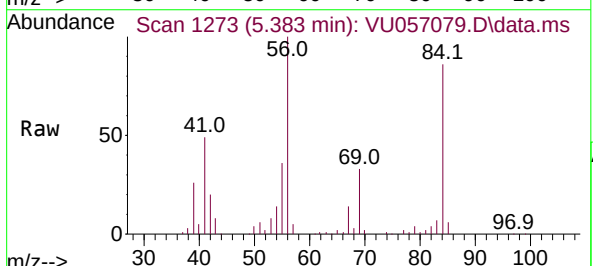
Tgt Ion: 56 Resp: 116706

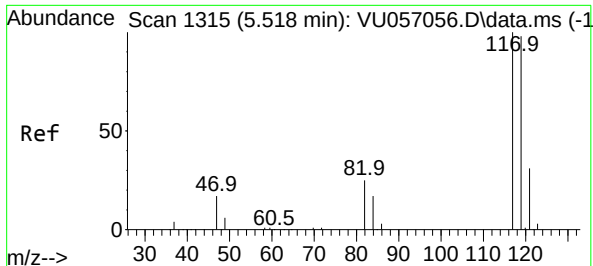
Ion Ratio Lower Upper

56 100

69 32.9 24.9 37.3

84 86.6 67.6 101.4

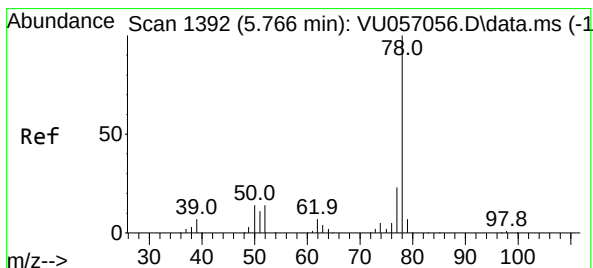
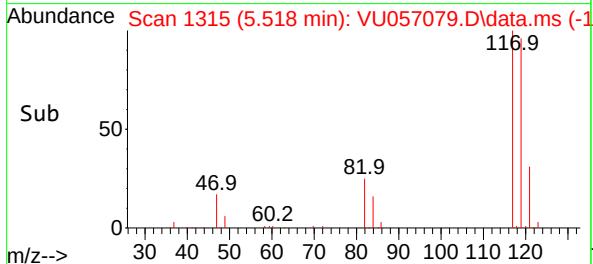
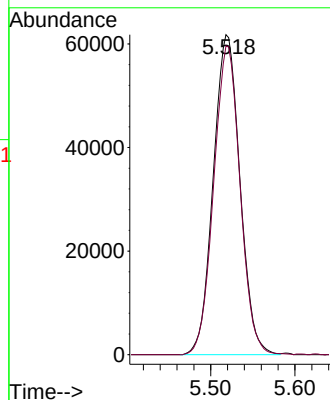
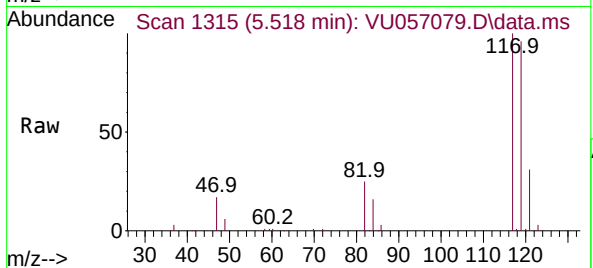




#31
Carbon tetrachloride
Concen: 5.397 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

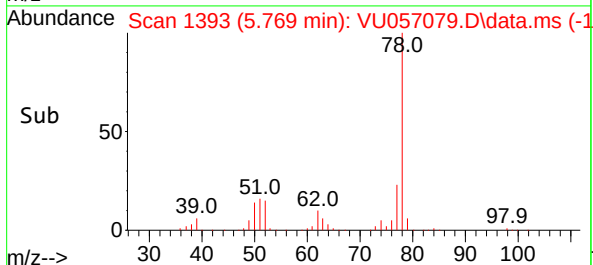
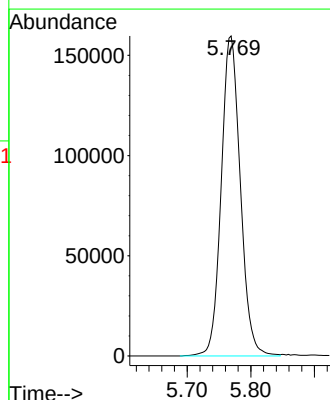
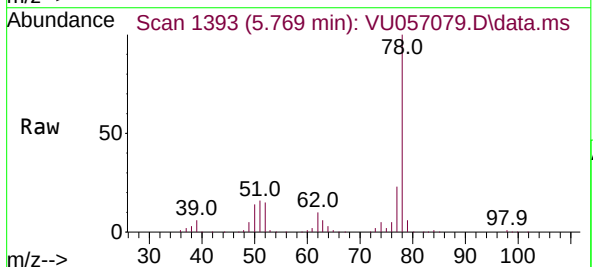
Instrument :
MSVOA_U
ClientSampleId :

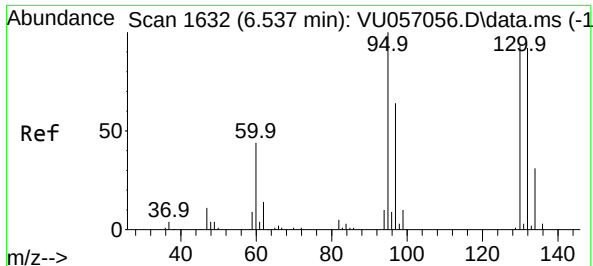
Tgt Ion:117 Resp: 135732
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4



#33
Benzene
Concen: 4.738 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

Tgt Ion: 78 Resp: 333356



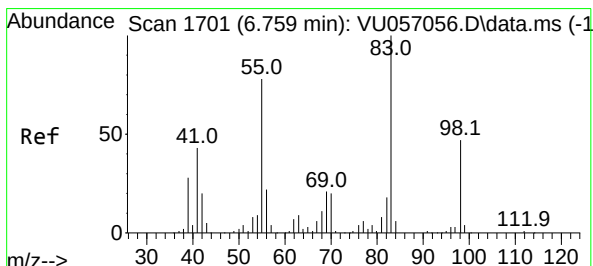
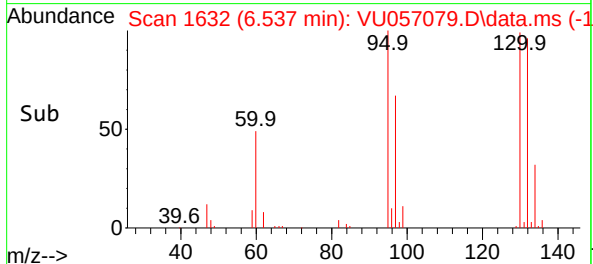
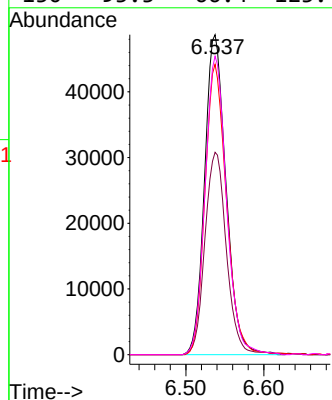
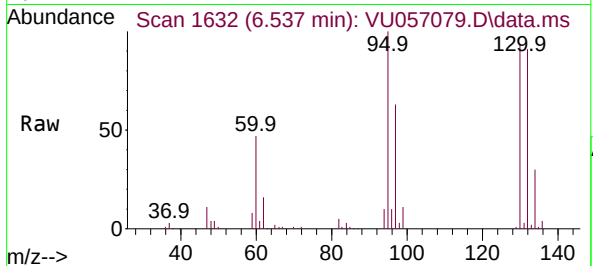


#34
Trichloroethene
Concen: 4.826 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 93139

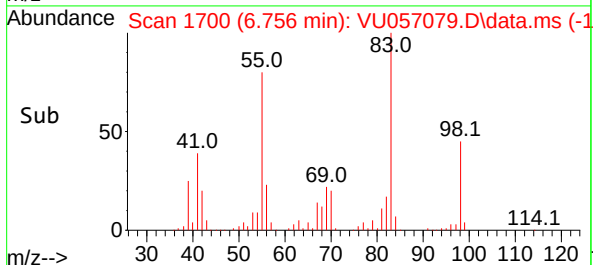
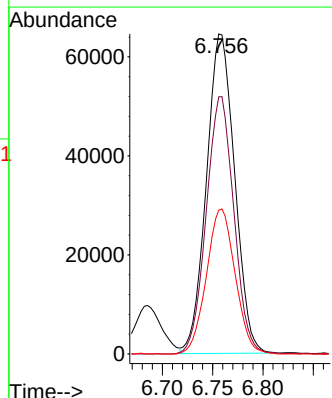
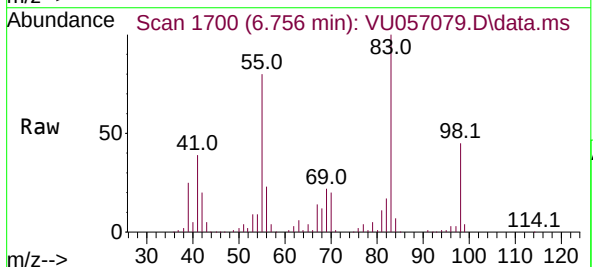
Ion	Ratio	Lower	Upper
95	100		
97	63.2	46.1	85.5
132	90.8	63.6	118.0
130	93.3	66.4	123.4

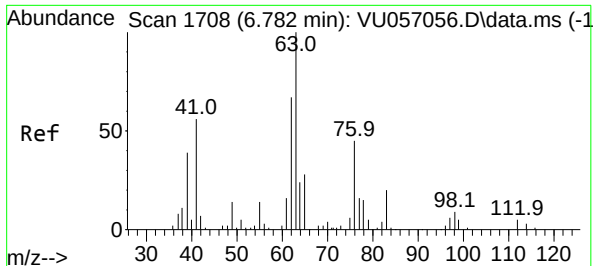


#35
Methylcyclohexane
Concen: 4.424 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

Tgt Ion: 83 Resp: 125988

Ion	Ratio	Lower	Upper
83	100		
55	78.9	64.6	97.0
98	46.2	36.1	54.1





#37

1,2-Dichloropropane

Concen: 4.677 ug/L

RT: 6.785 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU057079.D

Acq: 20 Dec 2023 09:12

Instrument :

MSVOA_U

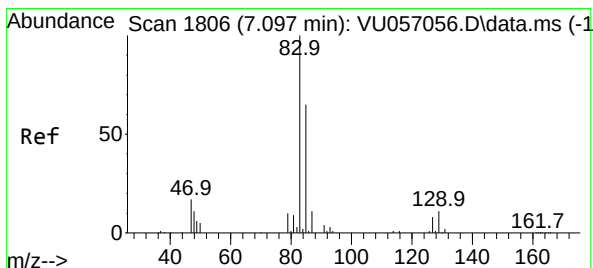
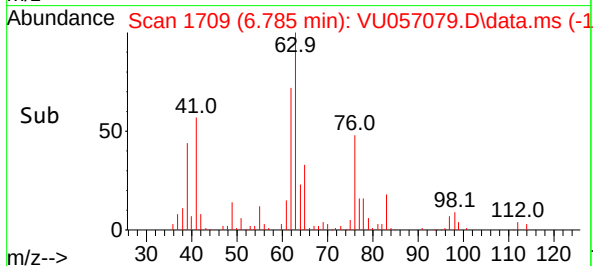
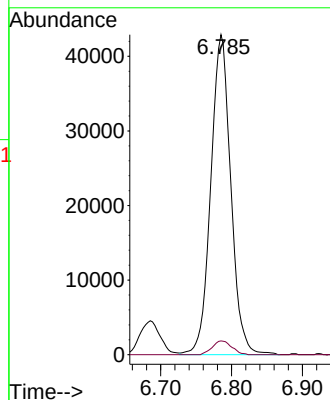
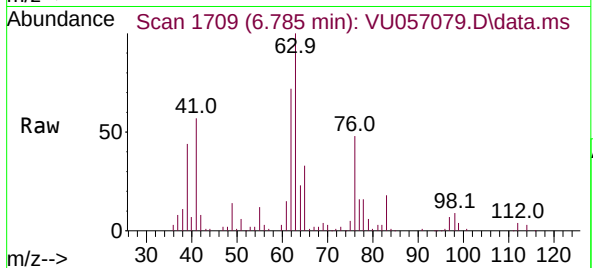
ClientSampleId :

Tgt Ion: 63 Resp: 84175

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 5.049 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU057079.D

Acq: 20 Dec 2023 09:12

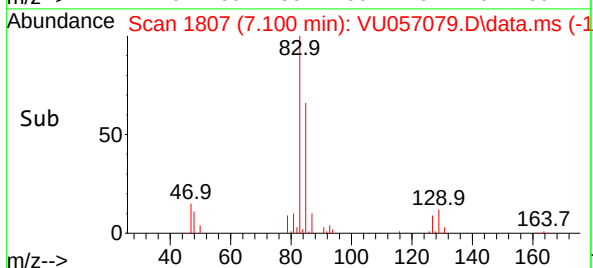
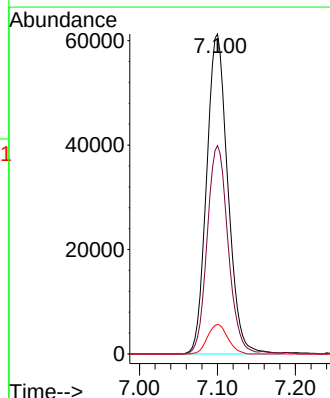
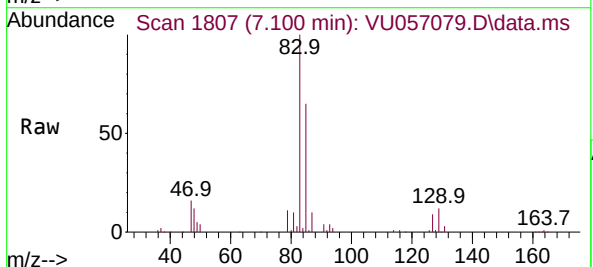
Tgt Ion: 83 Resp: 115870

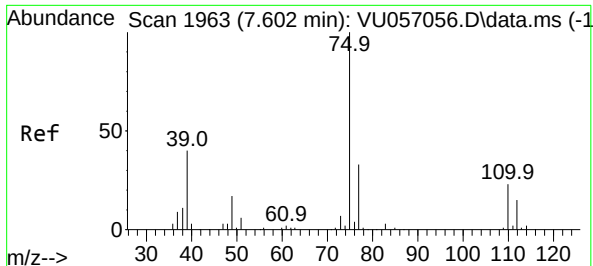
Ion Ratio Lower Upper

83 100

85 65.1 45.0 83.6

127 9.2 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 4.666 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057079.D

Acq: 20 Dec 2023 09:12

Instrument :

MSVOA_U

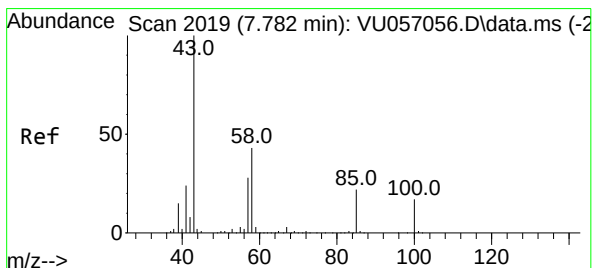
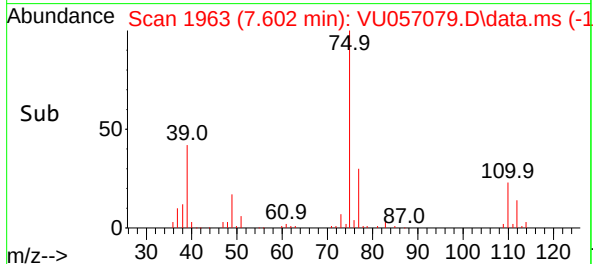
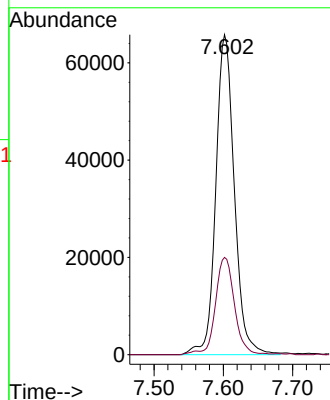
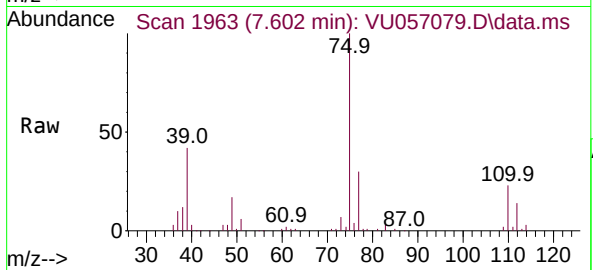
ClientSampleId :

Tgt Ion: 75 Resp: 122383

Ion Ratio Lower Upper

75 100

77 30.4 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 40.841 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU057079.D

Acq: 20 Dec 2023 09:12

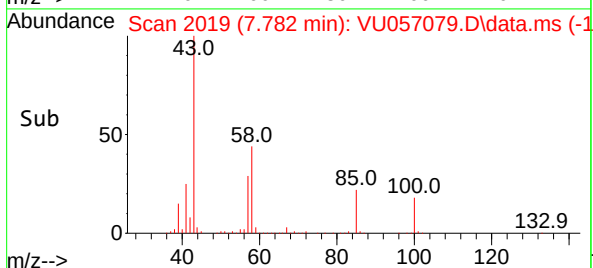
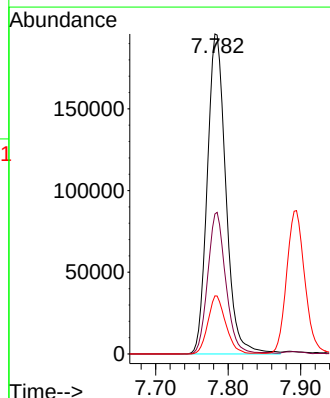
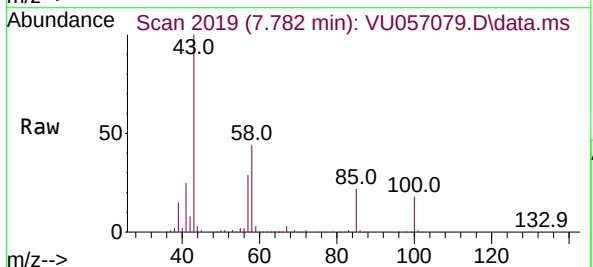
Tgt Ion: 43 Resp: 349013

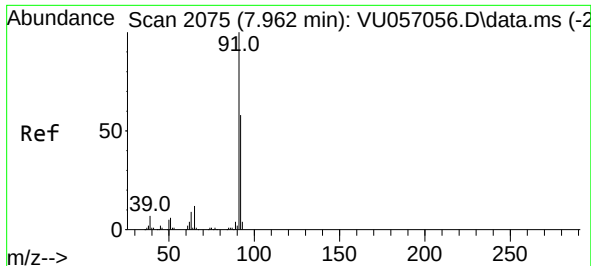
Ion Ratio Lower Upper

43 100

58 43.2 33.7 50.5

100 17.4 13.0 19.4





#42

Toluene

Concen: 4.886 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU057079.D

Acq: 20 Dec 2023 09:12

Instrument :

MSVOA_U

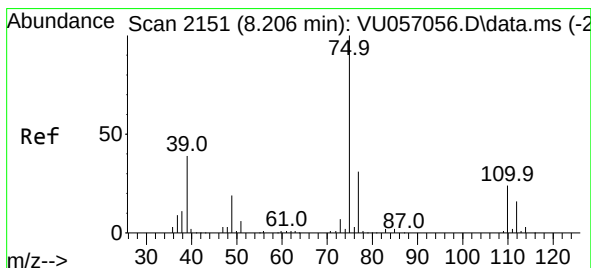
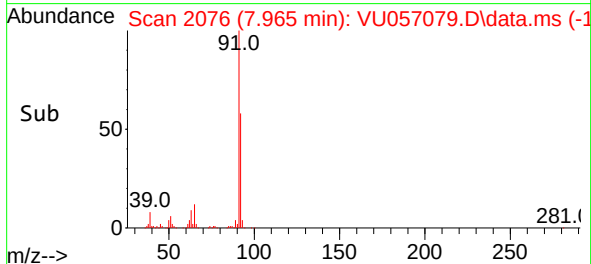
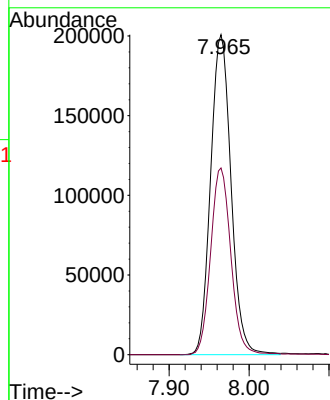
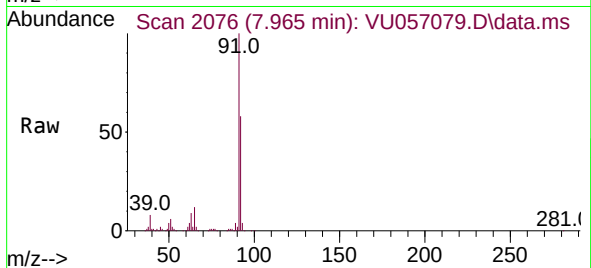
ClientSampleId :

Tgt Ion: 91 Resp: 355678

Ion Ratio Lower Upper

91 100

92 58.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.732 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057079.D

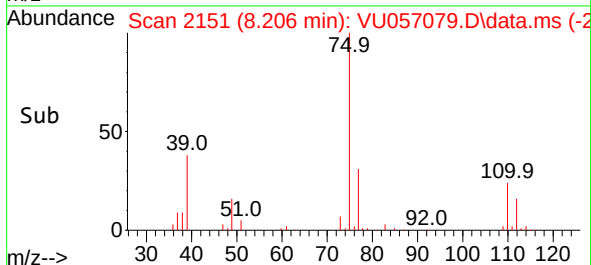
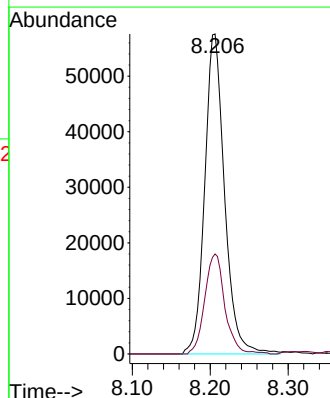
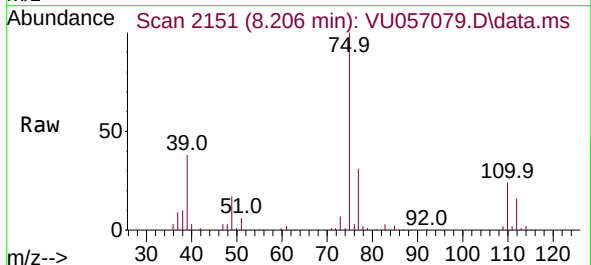
Acq: 20 Dec 2023 09:12

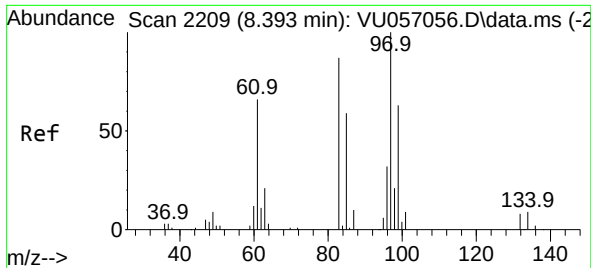
Tgt Ion: 75 Resp: 101736

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.4

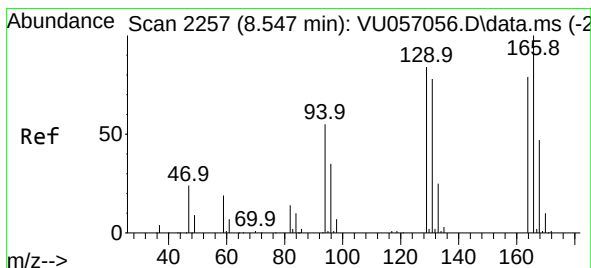
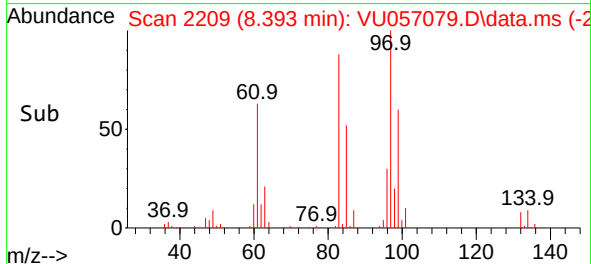
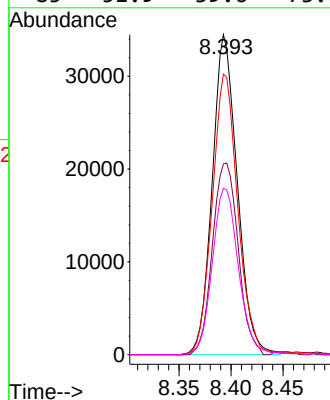
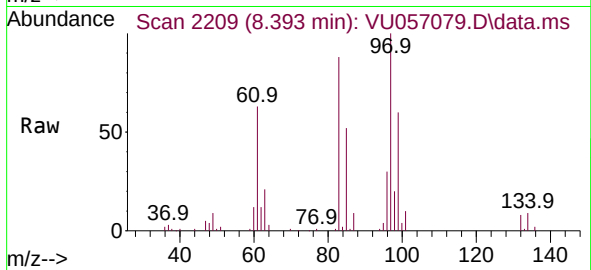




#45
1,1,2-Trichloroethane
Concen: 4.750 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

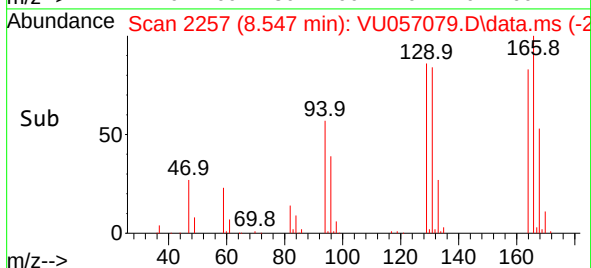
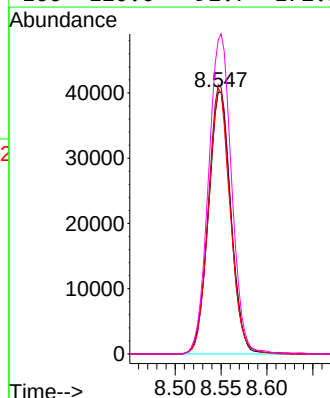
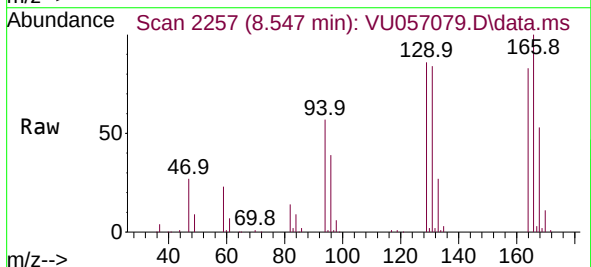
Instrument :
MSVOA_U
ClientSampleId :

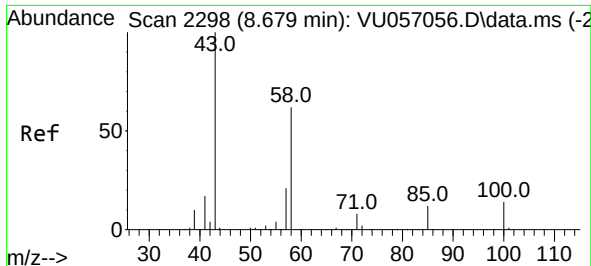
Tgt Ion:	97	Resp:	57797
Ion	Ratio	Lower	Upper
97	100		
99	59.6	41.9	77.9
83	87.7	59.1	109.7
85	51.9	39.6	73.6



#47
Tetrachloroethene
Concen: 5.044 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

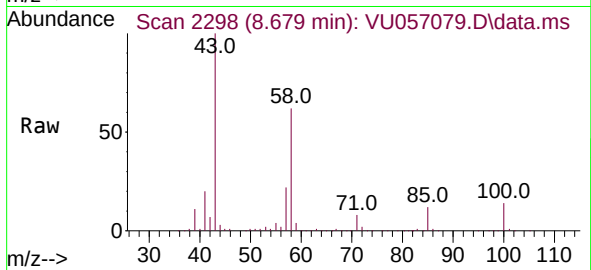
Tgt Ion:	164	Resp:	68128
Ion	Ratio	Lower	Upper
164	100		
129	102.7	73.4	136.4
131	101.2	71.5	132.9
166	120.0	92.7	172.1



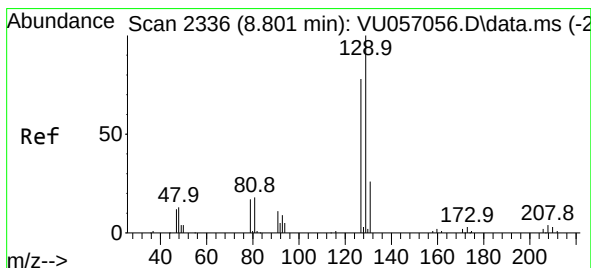
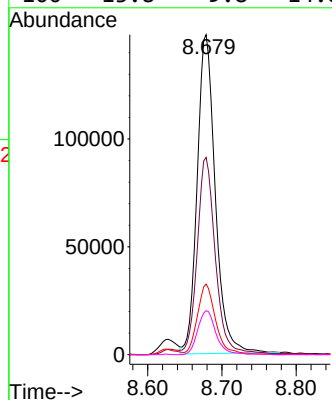
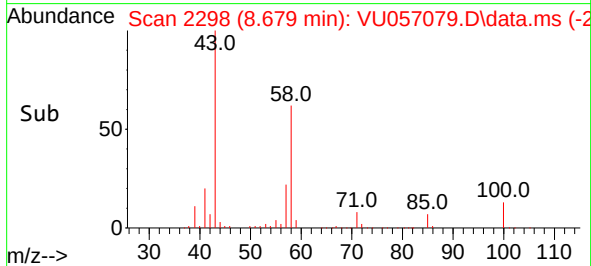


#48
2-Hexanone
Concen: 41.397 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

Instrument :
MSVOA_U
ClientSampleId :

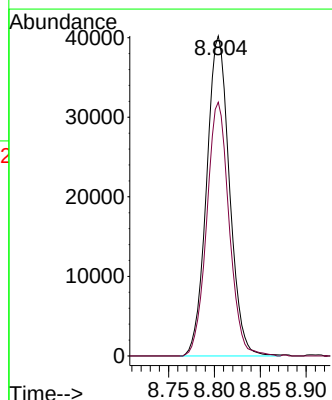
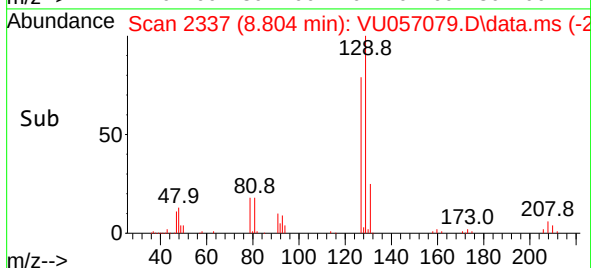
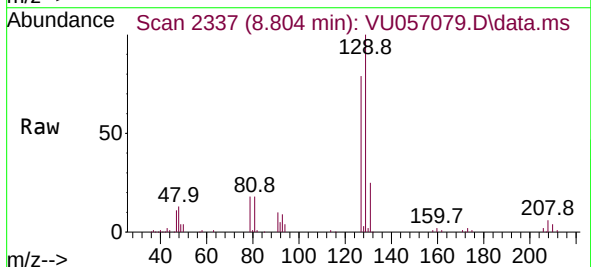


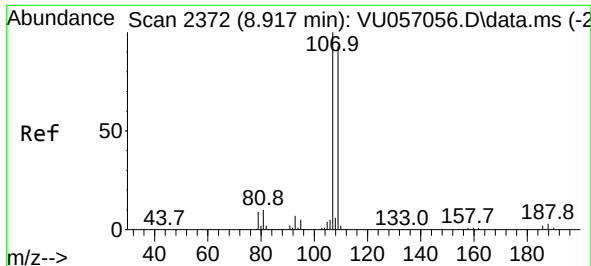
Tgt Ion: 43 Resp: 251961
Ion Ratio Lower Upper
43 100
58 61.3 47.5 71.3
57 21.9 17.0 25.4
100 13.8 9.8 14.8



#49
Dibromochloromethane
Concen: 4.987 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

Tgt Ion: 129 Resp: 69740
Ion Ratio Lower Upper
129 100
127 79.3 53.9 100.1

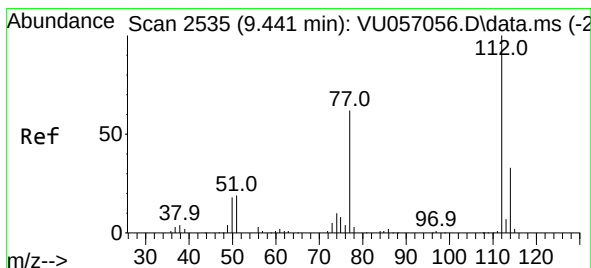
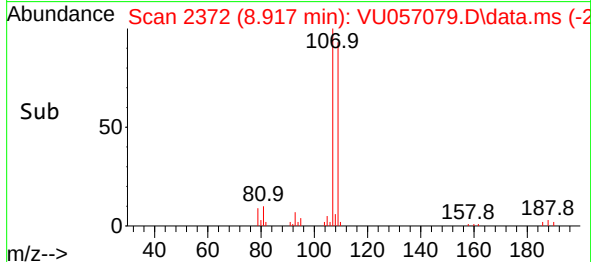
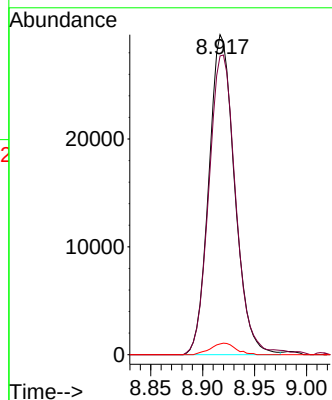
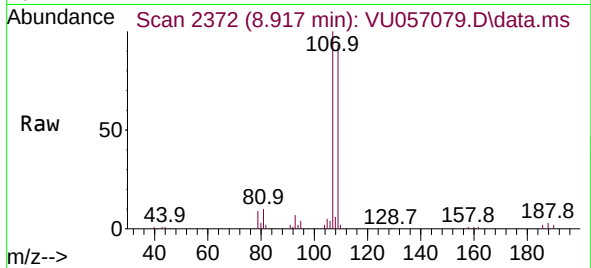




#50
1,2-Dibromoethane
Concen: 4.535 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

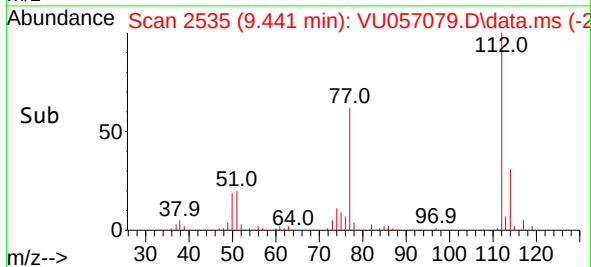
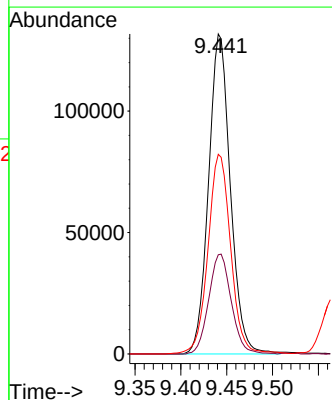
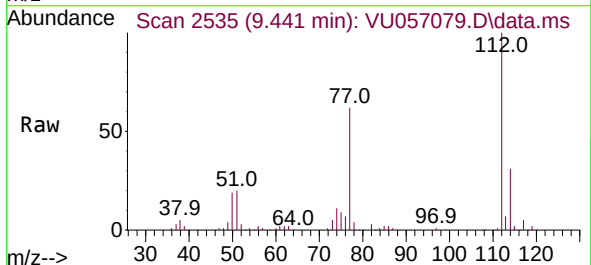
Instrument :
MSVOA_U
ClientSampleId :

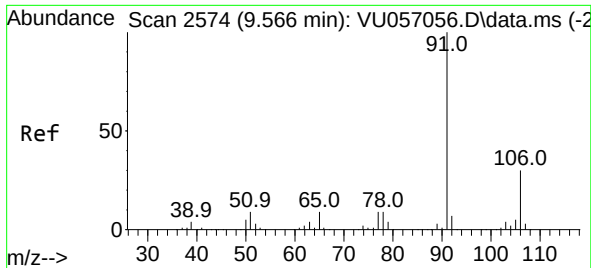
Tgt Ion:107 Resp: 51209
Ion Ratio Lower Upper
107 100
109 93.4 66.5 123.5
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 4.700 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

Tgt Ion:112 Resp: 218053
Ion Ratio Lower Upper
112 100
114 31.0 21.9 40.7
77 62.4 51.6 77.4

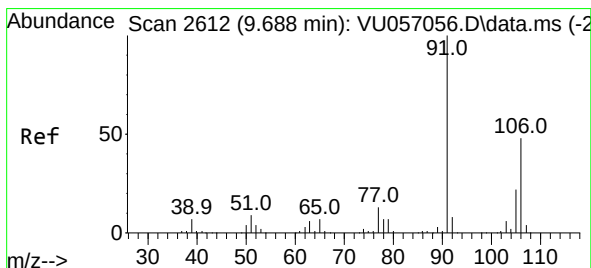
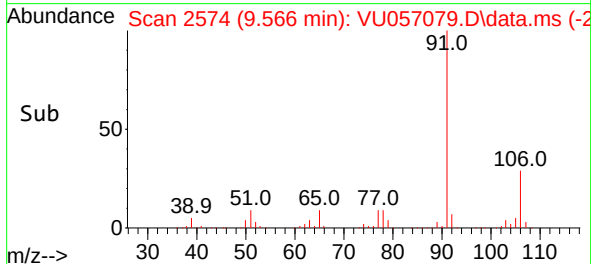
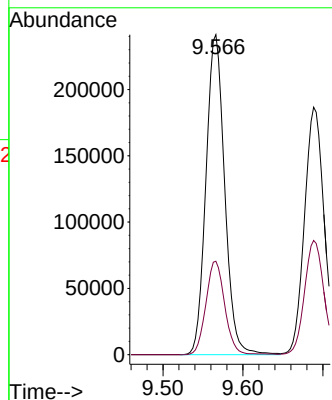
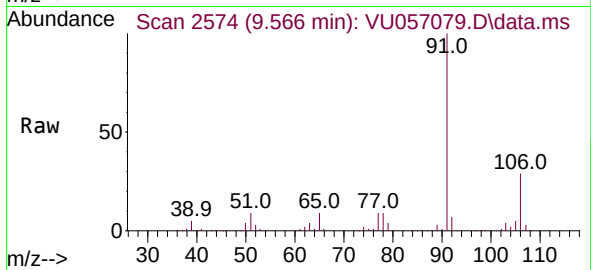




#52
Ethylbenzene
Concen: 4.898 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

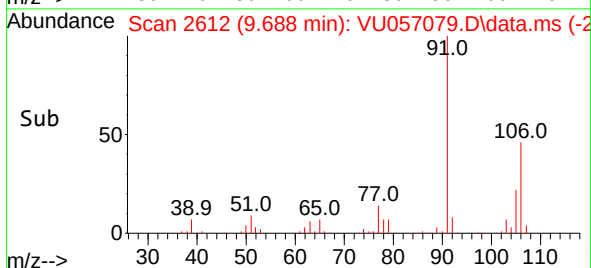
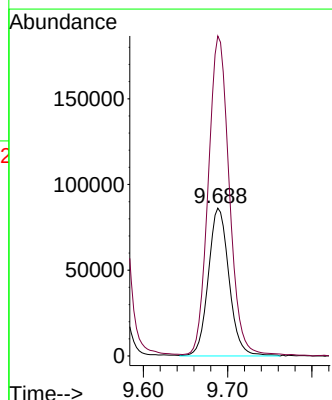
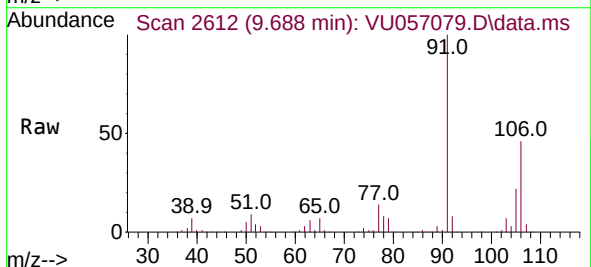
Instrument :
MSVOA_U
ClientSampleId :

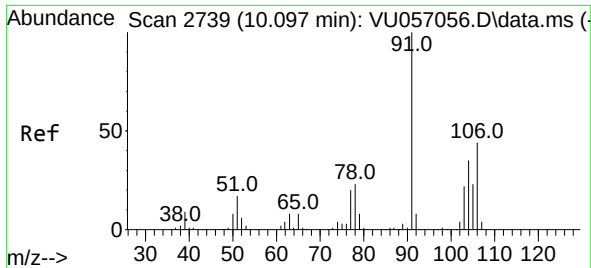
Tgt Ion: 91 Resp: 393294
Ion Ratio Lower Upper
91 100
106 29.2 20.6 38.4



#53
m,p-Xylene
Concen: 4.932 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

Tgt Ion: 106 Resp: 147567
Ion Ratio Lower Upper
106 100
91 216.5 154.0 286.0

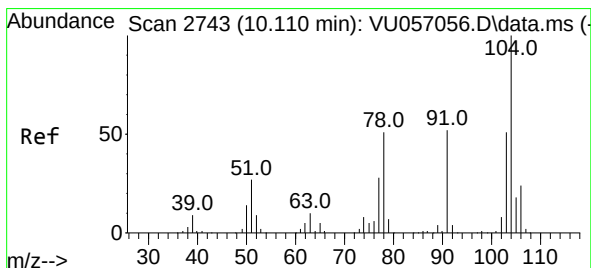
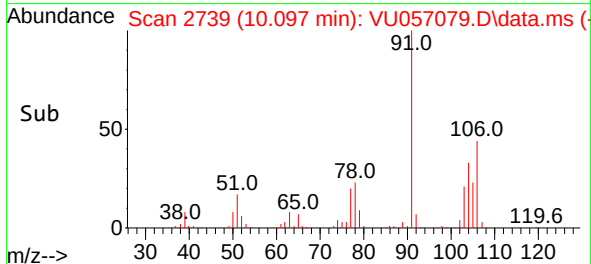
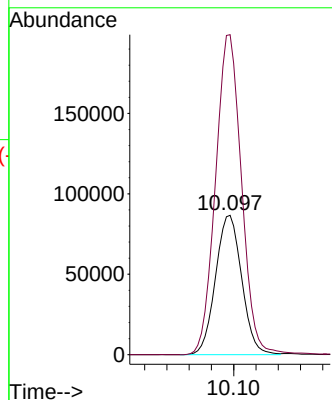
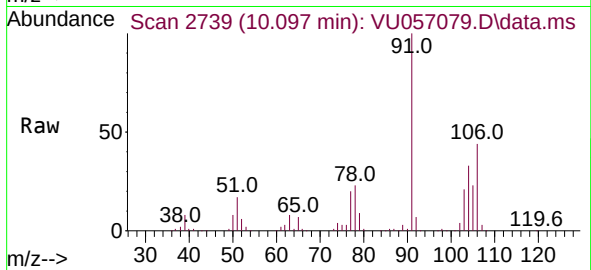




#54
o-Xylene
Concen: 4.964 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

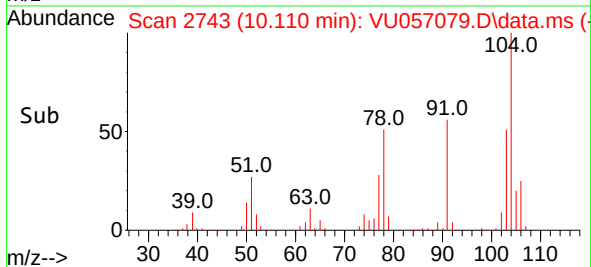
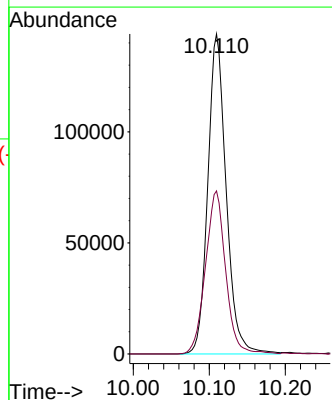
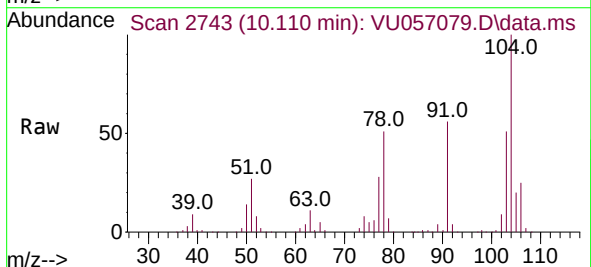
Instrument :
MSVOA_U
ClientSampleId :

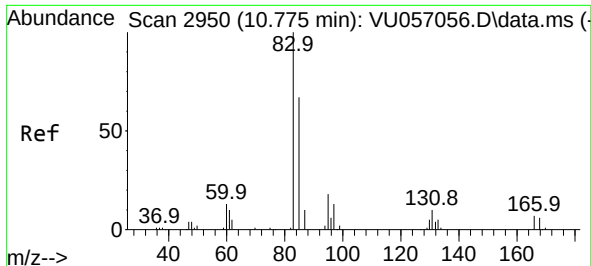
Tgt Ion:106 Resp: 141499
Ion Ratio Lower Upper
106 100
91 229.6 160.2 297.6



#55
Styrene
Concen: 5.165 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

Tgt Ion:104 Resp: 241750
Ion Ratio Lower Upper
104 100
78 50.9 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 4.603 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057079.D

Acq: 20 Dec 2023 09:12

Instrument :

MSVOA_U

ClientSampleId :

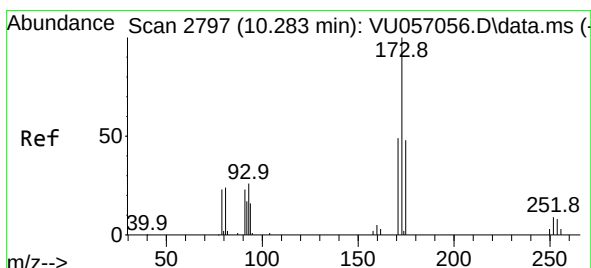
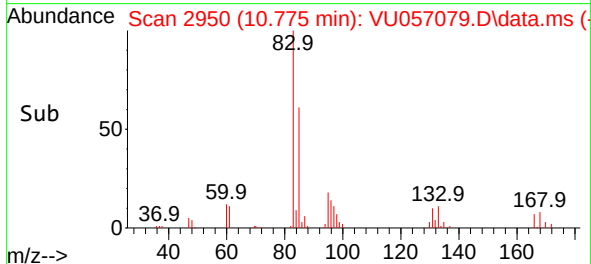
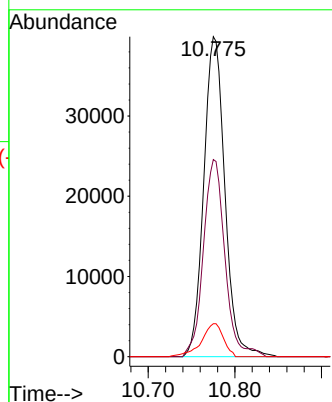
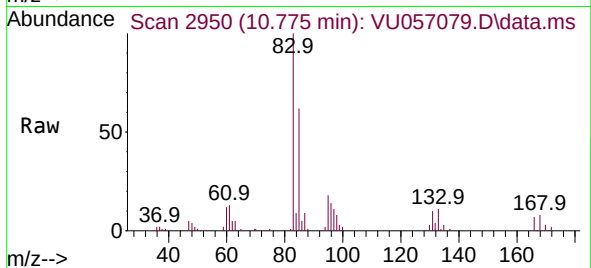
Tgt Ion: 83 Resp: 67666

Ion Ratio Lower Upper

83 100

85 61.6 45.4 84.4

131 10.3 6.6 9.8#



#59

Bromoform

Concen: 4.800 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU057079.D

Acq: 20 Dec 2023 09:12

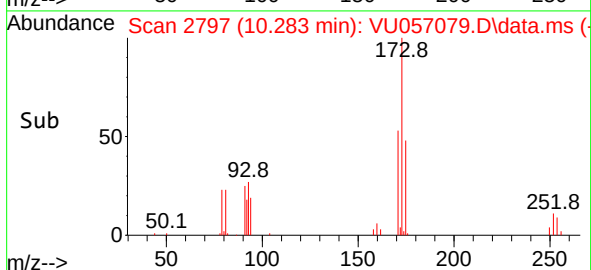
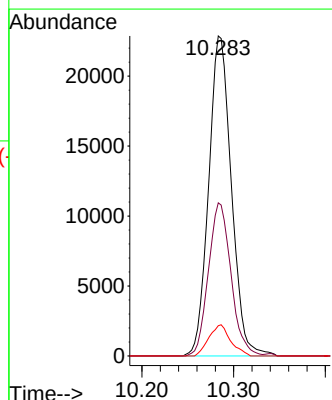
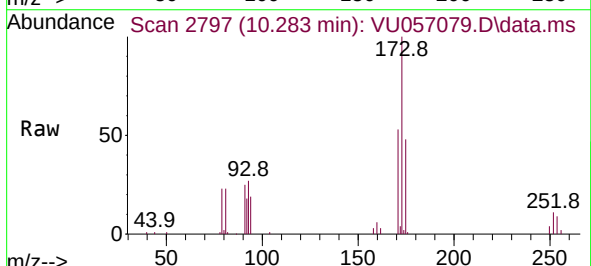
Tgt Ion:173 Resp: 39390

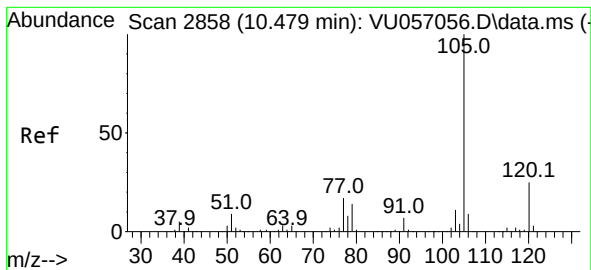
Ion Ratio Lower Upper

173 100

175 47.4 38.2 57.2

254 9.3 7.0 10.4





#60

Isopropylbenzene

Concen: 4.915 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU057079.D

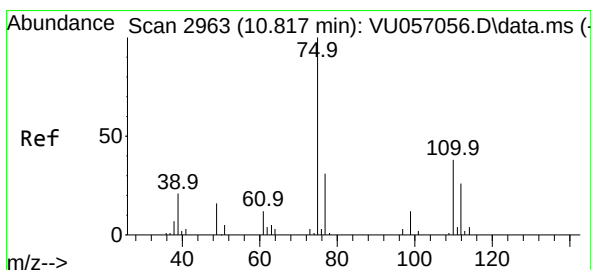
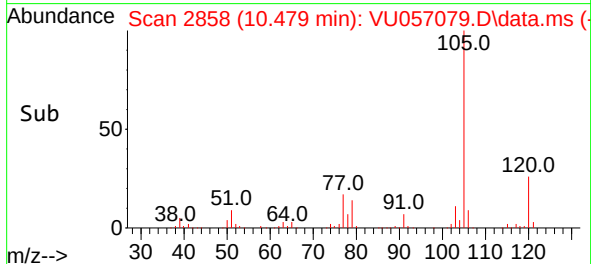
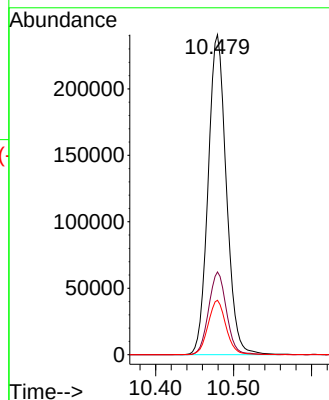
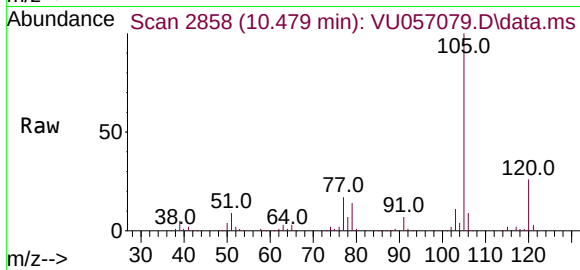
Acq: 20 Dec 2023 09:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	390304
Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.1	30.1
77	16.8	13.2	19.8



#61

1,2,3-Trichloropropane

Concen: 4.358 ug/L

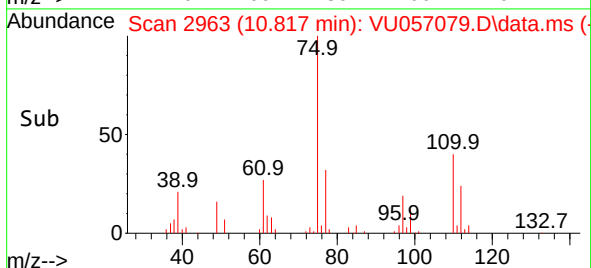
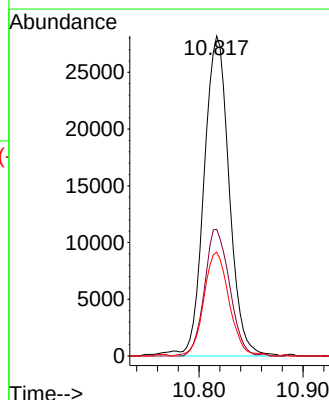
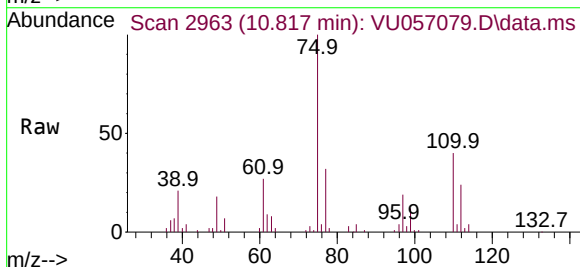
RT: 10.817 min Scan# 2963

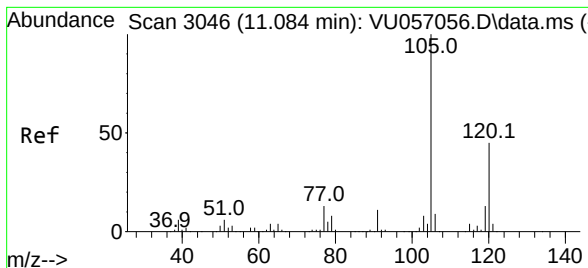
Delta R.T. 0.000 min

Lab File: VU057079.D

Acq: 20 Dec 2023 09:12

Tgt Ion:	75	Resp:	47034
Ion	Ratio	Lower	Upper
75	100		
110	39.6	28.4	42.6
77	32.9	26.3	39.5

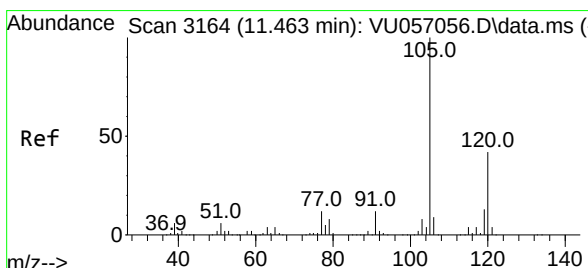
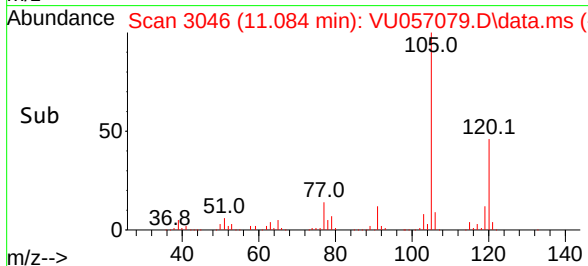
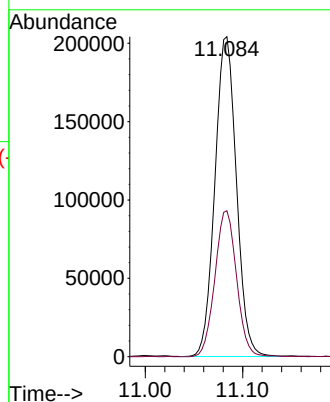
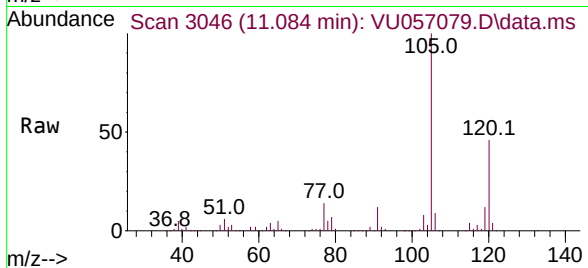




#62
1,3,5-Trimethylbenzene
Concen: 4.818 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

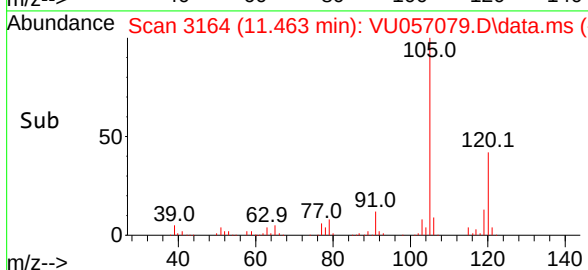
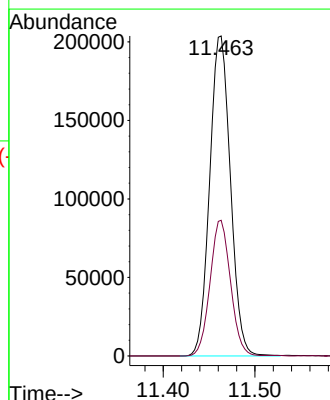
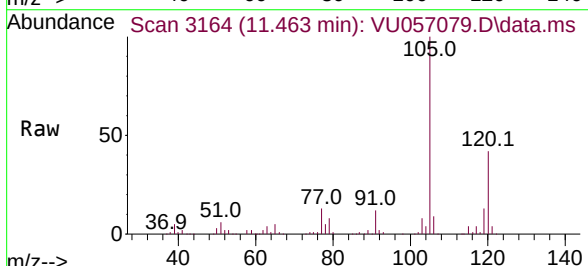
Instrument :
MSVOA_U
ClientSampleId :

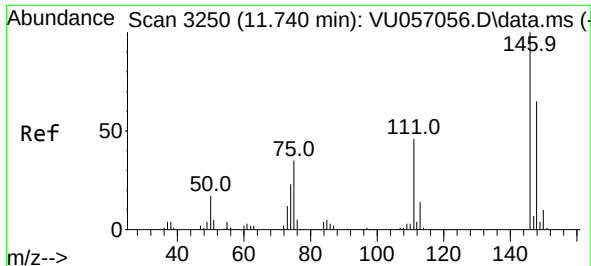
Tgt Ion:105 Resp: 312658
Ion Ratio Lower Upper
105 100
120 46.0 36.8 55.2



#63
1,2,4-Trimethylbenzene
Concen: 4.969 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

Tgt Ion:105 Resp: 320259
Ion Ratio Lower Upper
105 100
120 41.8 34.2 51.4

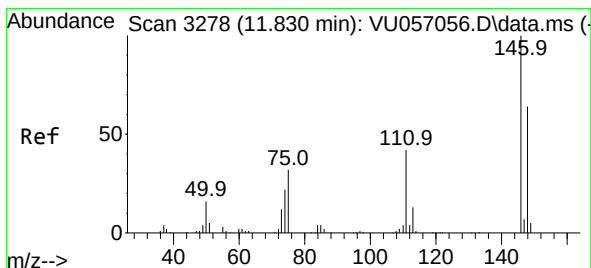
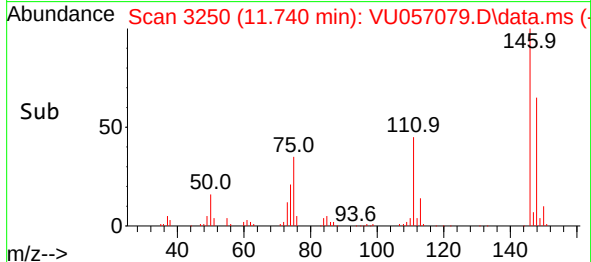
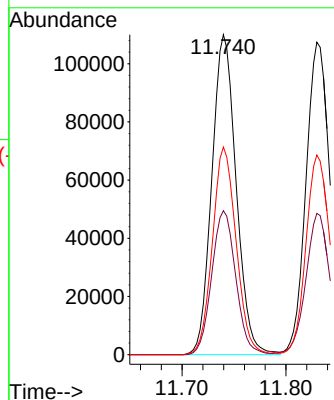
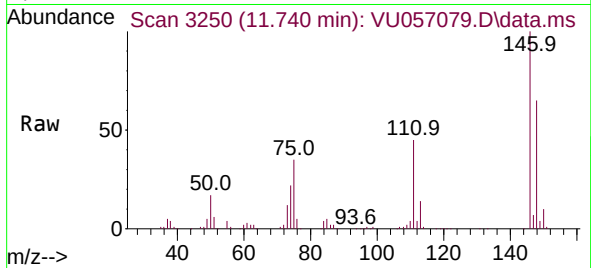




#64
1,3-Dichlorobenzene
Concen: 4.763 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

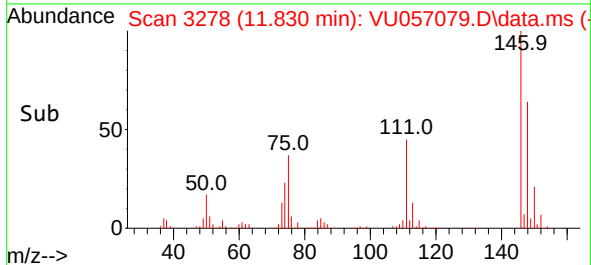
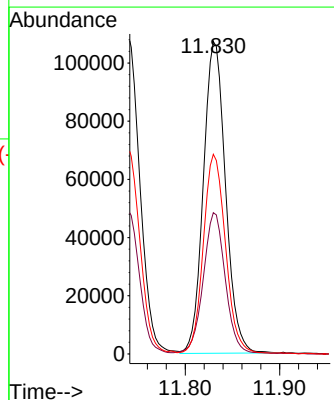
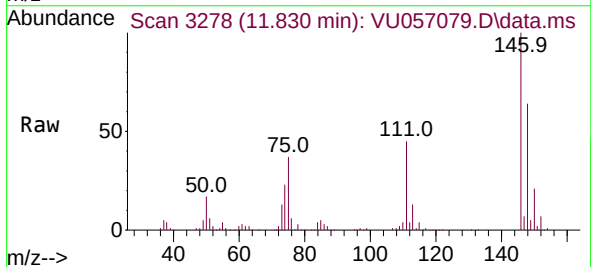
Instrument :
MSVOA_U
ClientSampleId :

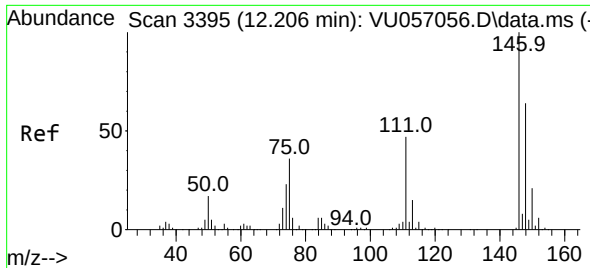
Tgt Ion:146 Resp: 178923
Ion Ratio Lower Upper
146 100
111 45.0 31.7 58.9
148 64.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.724 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

Tgt Ion:146 Resp: 174722
Ion Ratio Lower Upper
146 100
111 45.2 31.2 58.0
148 63.9 45.6 84.8

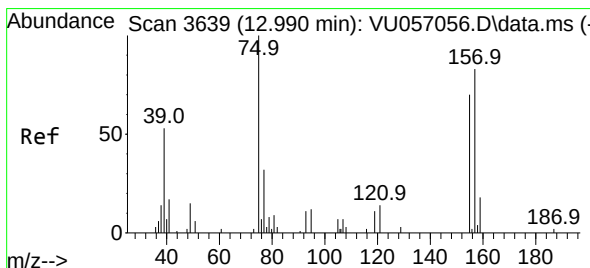
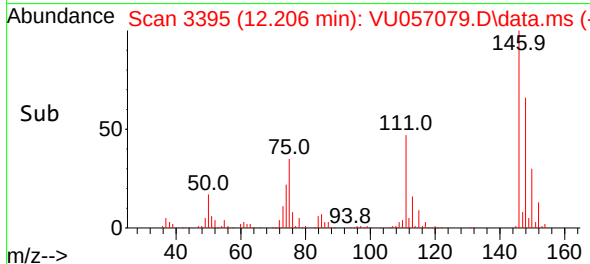
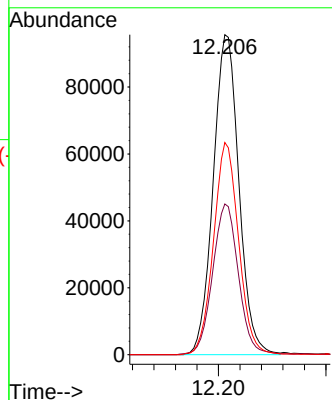
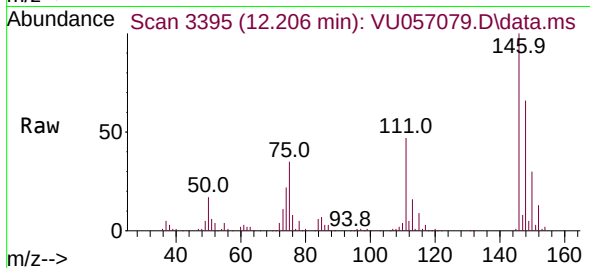




#67
1,2-Dichlorobenzene
Concen: 4.636 ug/L
RT: 12.206 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

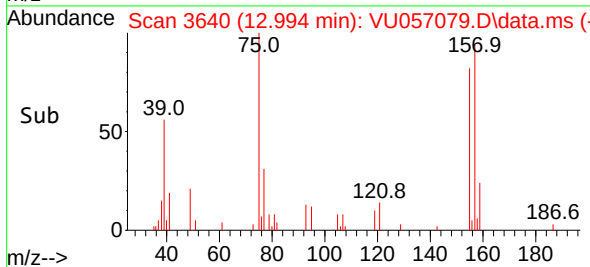
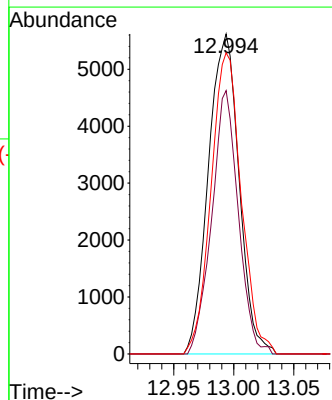
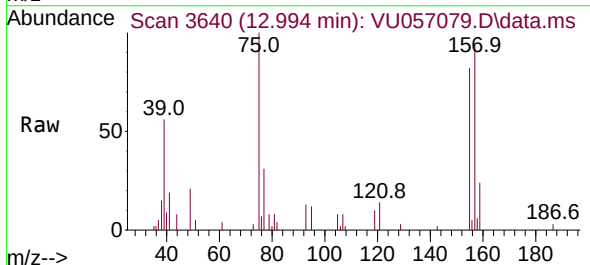
Instrument :
MSVOA_U
ClientSampleId :

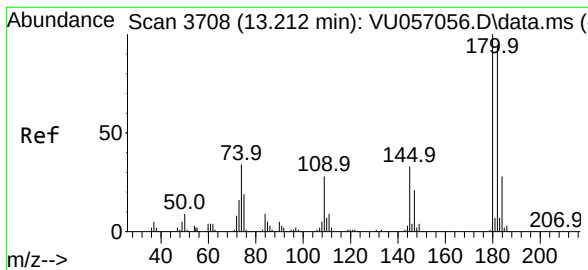
Tgt Ion:146 Resp: 158626
Ion Ratio Lower Upper
146 100
111 47.1 36.9 55.3
148 66.3 53.0 79.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.622 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. 0.003 min
Lab File: VU057079.D
Acq: 20 Dec 2023 09:12

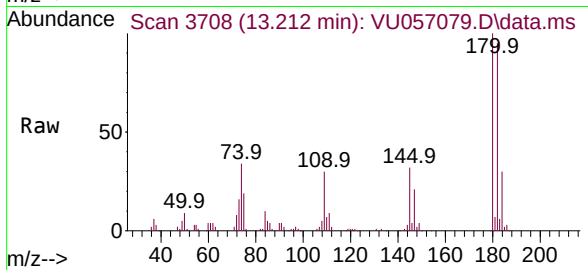
Tgt Ion: 75 Resp: 9959
Ion Ratio Lower Upper
75 100
155 82.3 55.4 83.2
157 94.1 77.3 115.9



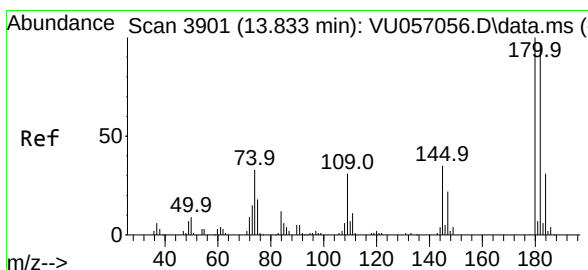
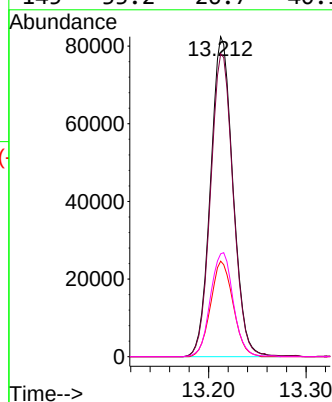
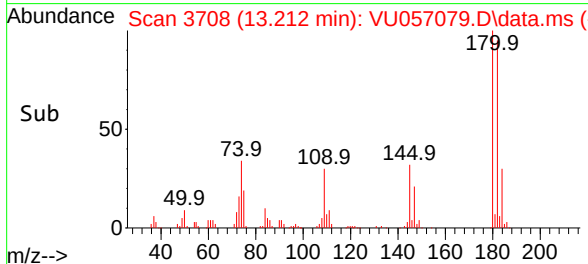


#69
 1,3,5-Trichlorobenzene
 Concen: 4.630 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU057079.D
 Acq: 20 Dec 2023 09:12

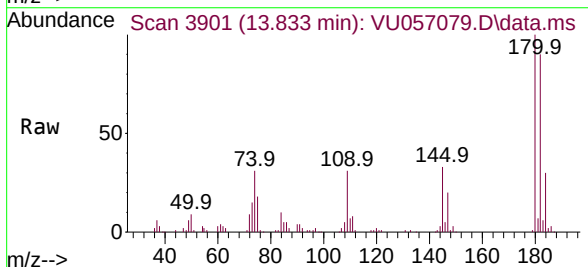
Instrument :
 MSVOA_U
 ClientSampleId :



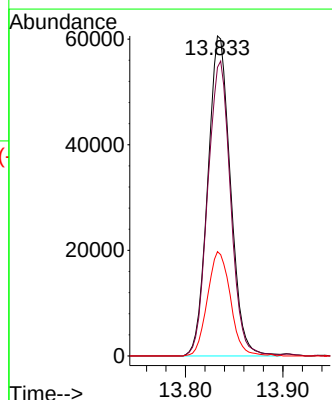
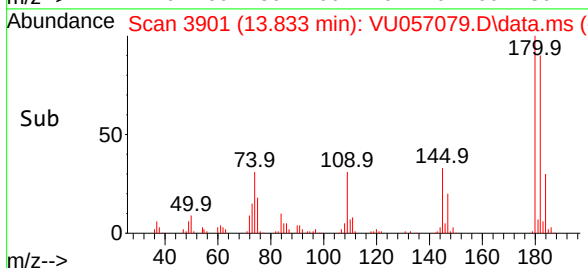
Tgt Ion:180 Resp: 131414
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.2 114.4
 184 29.9 24.6 37.0
 145 33.2 26.7 40.1

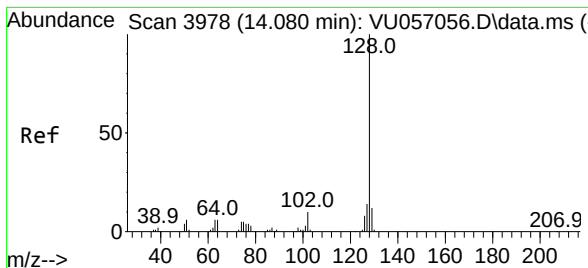


#70
 1,2,4-trichlorobenzene
 Concen: 4.365 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU057079.D
 Acq: 20 Dec 2023 09:12



Tgt Ion:180 Resp: 98096
 Ion Ratio Lower Upper
 180 100
 182 92.2 74.3 111.5
 145 33.1 26.7 40.1





#71

Naphthalene

Concen: 3.522 ug/L

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU057079.D

Acq: 20 Dec 2023 09:12

Instrument :

MSVOA_U

ClientSampleId :

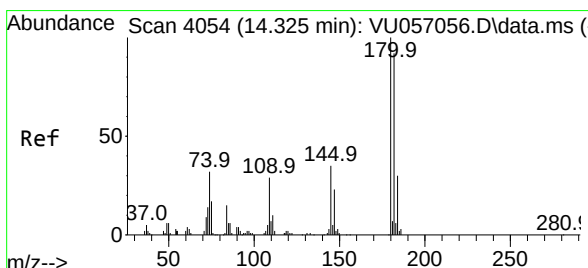
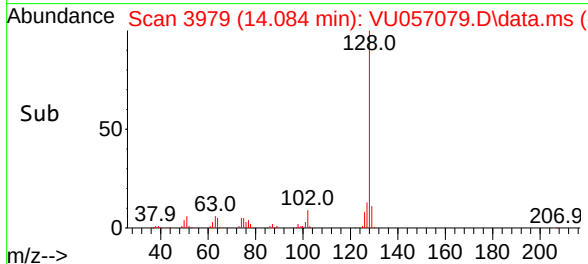
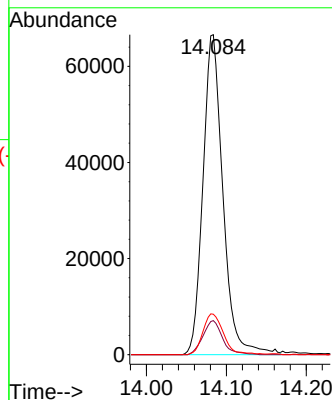
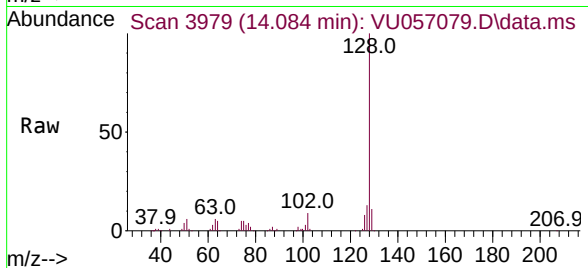
Tgt Ion:128 Resp: 115843

Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

127 13.2 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.044 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU057079.D

Acq: 20 Dec 2023 09:12

Tgt Ion:180 Resp: 77159

Ion Ratio Lower Upper

180 100

182 92.9 75.0 112.6

145 36.2 28.6 42.8

