

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056752.D
 Acq On : 11 Dec 2023 23:21
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 01:15:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 01:07:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	275124	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	262448	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	131057	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	109545	4.645	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.908	69	77445	4.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.564	65	48517	4.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.618	46	227471	48.842	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.680%
24) Chloroform-d	5.056	84	216945	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.695	65	103198	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.721	84	421523	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.683	67	126349	4.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.891	98	371402	5.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.174	79	45886	4.644	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.628	63	195551	52.473	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.940%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	90935	4.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	122967	4.773	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	131209	4.551	ug/L	97
3) Chloromethane	1.516	50	129725	4.576	ug/L	98
5) Vinyl chloride	1.602	62	130824	4.647	ug/L	95
6) Bromomethane	1.853	94	70741	4.262	ug/L	93
8) Chloroethane	1.930	64	69986	4.244	ug/L	97
9) Trichlorofluoromethane	2.133	101	184978	4.663	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	112233	4.612	ug/L	99
12) 1,1-Dichloroethene	2.577	96	104481	4.678	ug/L	95
13) Acetone	2.628	43	126782	44.670	ug/L	99
14) Carbon disulfide	2.789	76	350672	4.525	ug/L	100
15) Methyl Acetate	2.946	43	36514	4.726	ug/L	99
16) Methylene chloride	3.040	84	115513	4.747	ug/L	98
17) Methyl tert-butyl Ether	3.355	73	233002	4.704	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	107748	4.758	ug/L	98
19) 1,1-Dichloroethane	3.863	63	204764	4.700	ug/L	98
21) 2-Butanone	4.699	43	218205	45.590	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	115389	4.683	ug/L	99
23) Bromochloromethane	4.969	128	48952	4.746	ug/L	98
25) Chloroform	5.081	83	212078	4.647	ug/L	98

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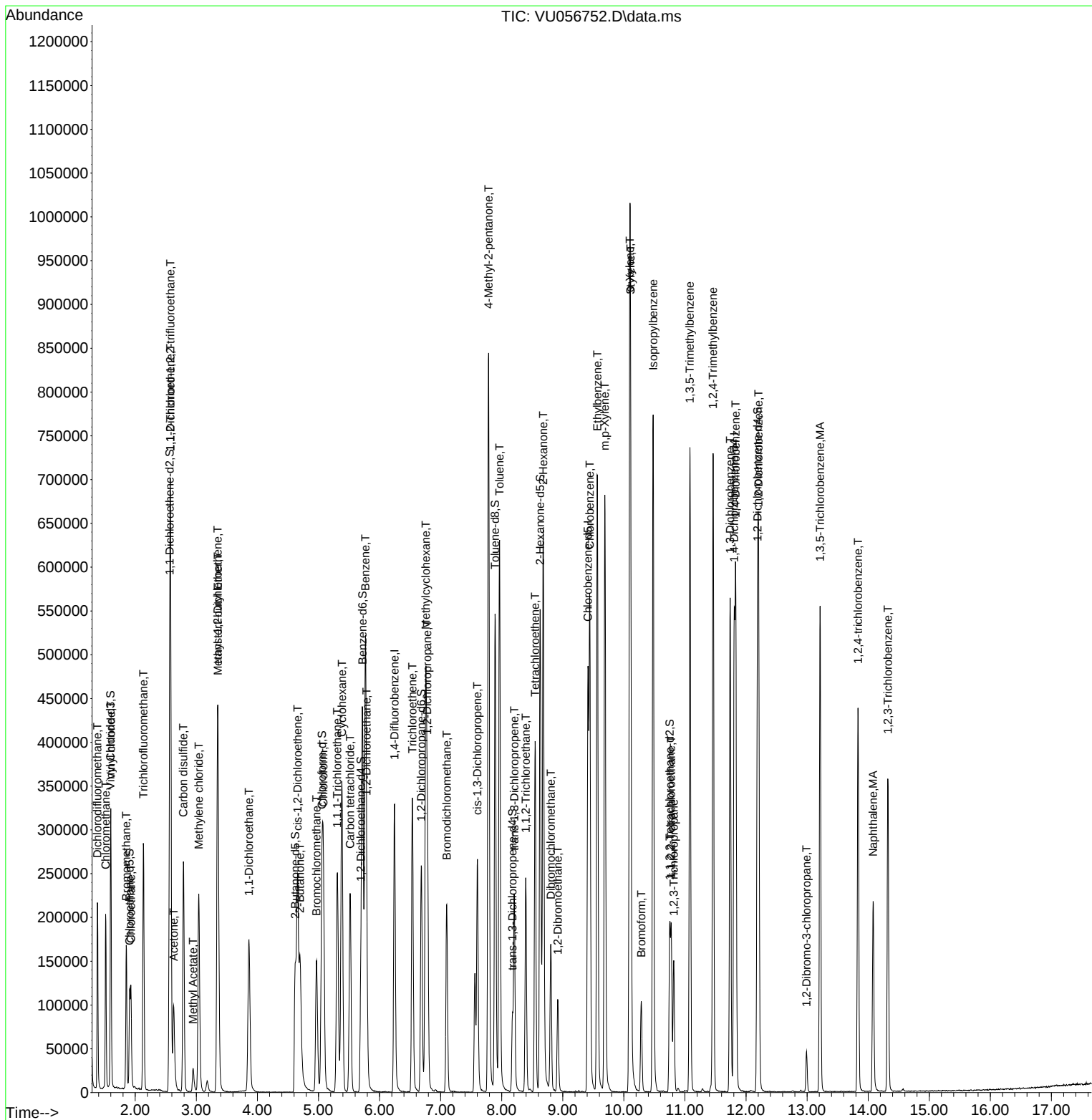
Instrument :
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 ClientSampleId :

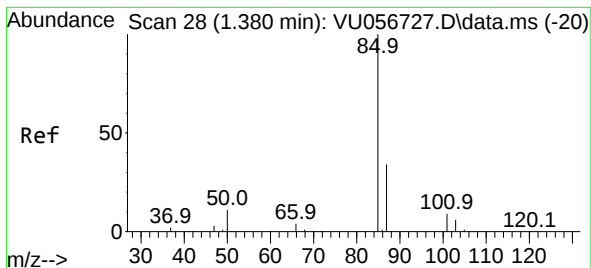
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	124878	4.627	ug/L	100
29) 1,1,1-Trichloroethane	5.310	97	187584	4.945	ug/L	99
30) Cyclohexane	5.384	56	177714	4.991	ug/L	98
31) Carbon tetrachloride	5.519	117	161911	4.910	ug/L	99
33) Benzene	5.769	78	465497	5.047	ug/L	100
34) Trichloroethene	6.538	95	124203	4.909	ug/L	97
35) Methylcyclohexane	6.756	83	180642	4.838	ug/L	99
37) 1,2-Dichloropropane	6.782	63	114356	4.847	ug/L	99
38) Bromodichloromethane	7.101	83	143588	4.772	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	167438	4.869	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	547198	48.841	ug/L	98
42) Toluene	7.965	91	480115	5.031	ug/L	99
44) trans-1,3-Dichloropropene	8.207	75	133353	4.732	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	75605	4.740	ug/L	92
47) Tetrachloroethene	8.547	164	86695	4.896	ug/L	95
48) 2-Hexanone	8.679	43	395278	49.537	ug/L	100
49) Dibromochloromethane	8.805	129	87384	4.766	ug/L	98
50) 1,2-Dibromoethane	8.917	107	71608	4.837	ug/L	98
51) Chlorobenzene	9.441	112	296155	4.869	ug/L	99
52) Ethylbenzene	9.567	91	521288	4.952	ug/L	98
53) m,p-Xylene	9.689	106	199366	5.083	ug/L	95
54) o-Xylene	10.097	106	185647	4.968	ug/L	99
55) Styrene	10.110	104	318597	5.192	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.776	83	93675	4.861	ug/L	97
59) Bromoform	10.287	173	47159	4.407	ug/L	98
60) Isopropylbenzene	10.480	105	509550	4.921	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	67226	4.777	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	412962	4.880	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	412624	4.909	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	226494	4.624	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	222852	4.621	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	205590	4.607	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	12217	4.348	ug/L	96
69) 1,3,5-Trichlorobenzene	13.213	180	167551	4.527	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	128306	4.378	ug/L	99
71) Naphthalene	14.081	128	183559	4.280	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	107548	4.322	ug/L	99

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

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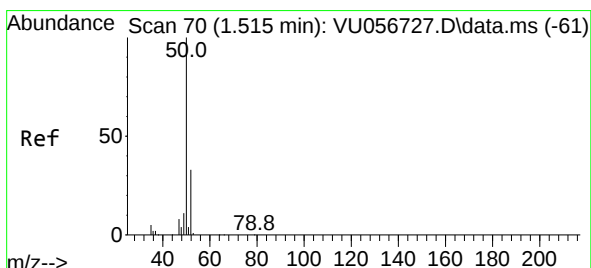
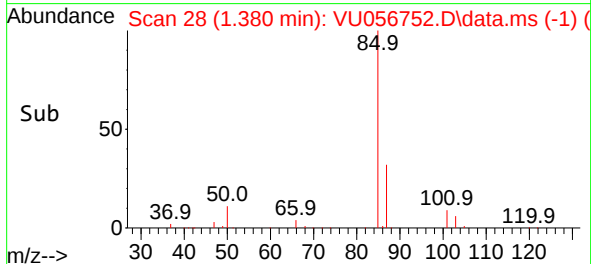
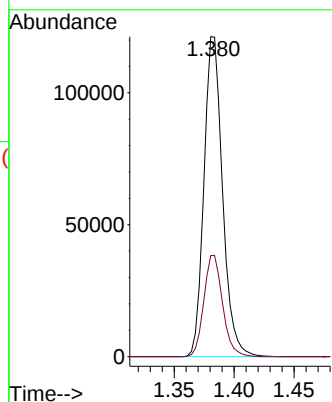
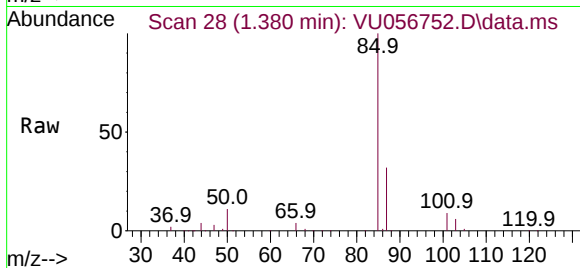




#2
Dichlorodifluoromethane
Concen: 4.551 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

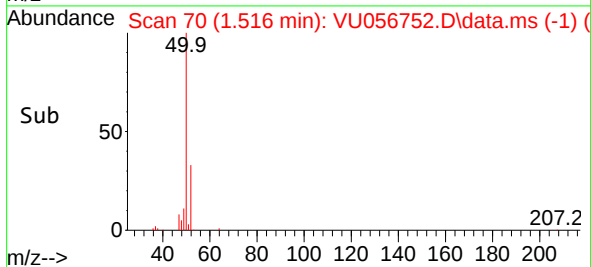
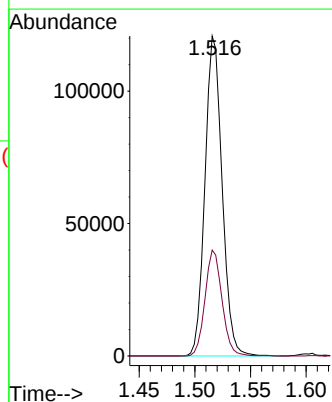
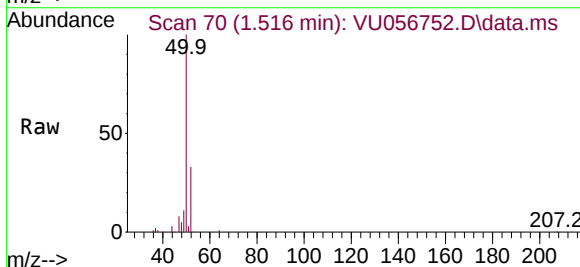
Instrument :
MSVOA_U
ClientSampleId :

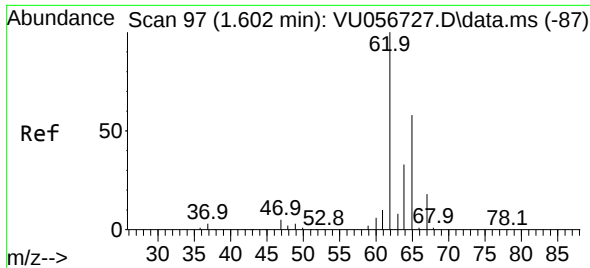
Tgt Ion: 85 Resp: 131209
Ion Ratio Lower Upper
85 100
87 31.8 26.8 40.2



#3
Chloromethane
Concen: 4.576 ug/L
RT: 1.516 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

Tgt Ion: 50 Resp: 129725
Ion Ratio Lower Upper
50 100
52 33.1 22.5 41.7

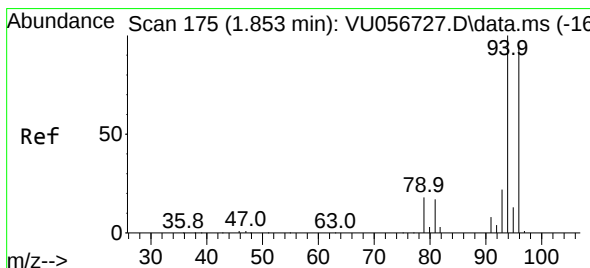
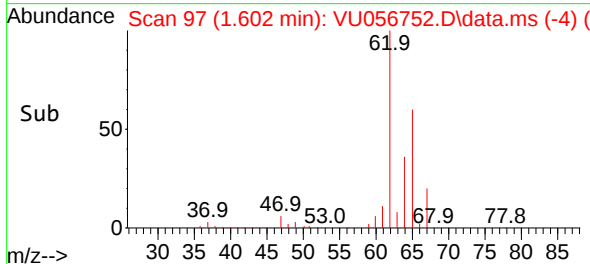
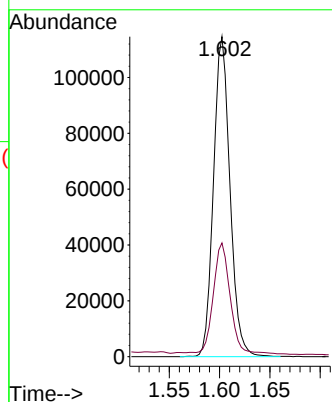
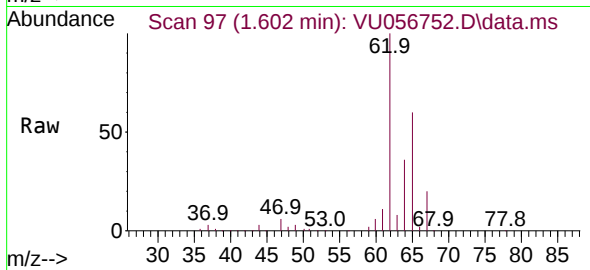




#5
 Vinyl chloride
 Concen: 4.647 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056752.D
 Acq: 11 Dec 2023 23:21

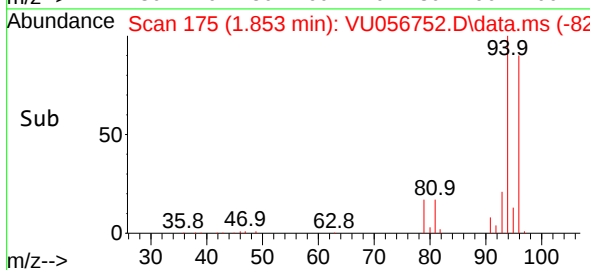
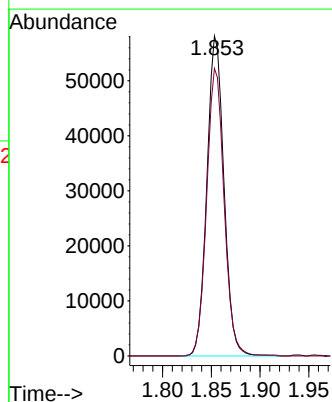
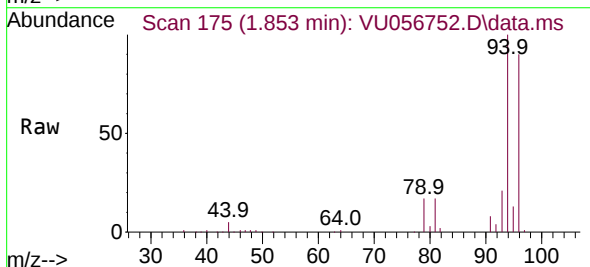
Instrument :
 MSVOA_U
 ClientSampleId :

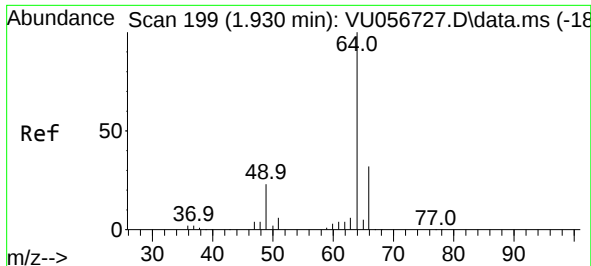
Tgt Ion: 62 Resp: 130824
 Ion Ratio Lower Upper
 62 100
 64 35.6 22.8 42.4



#6
 Bromomethane
 Concen: 4.262 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU056752.D
 Acq: 11 Dec 2023 23:21

Tgt Ion: 94 Resp: 70741
 Ion Ratio Lower Upper
 94 100
 96 89.9 67.8 125.8





#8

Chloroethane

Concen: 4.244 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

Instrument :

MSVOA_U

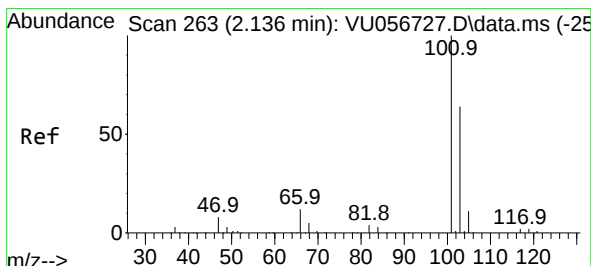
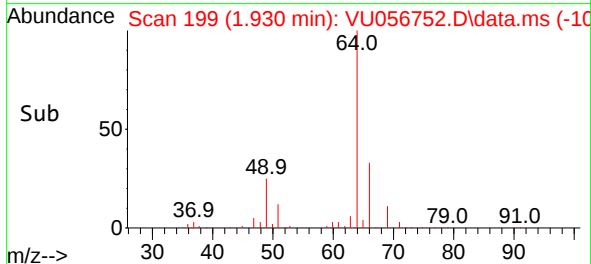
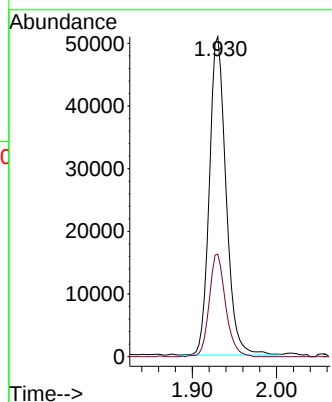
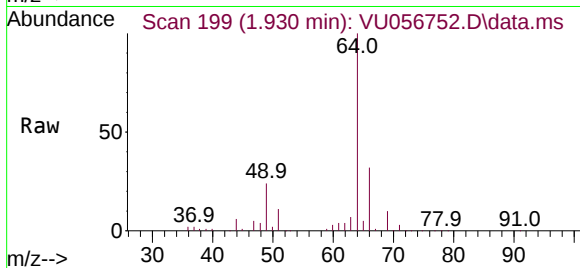
ClientSampleId :

Tgt Ion: 64 Resp: 69986

Ion Ratio Lower Upper

64 100

66 32.1 21.4 39.8



#9

Trichlorofluoromethane

Concen: 4.663 ug/L

RT: 2.133 min Scan# 262

Delta R.T. -0.003 min

Lab File: VU056752.D

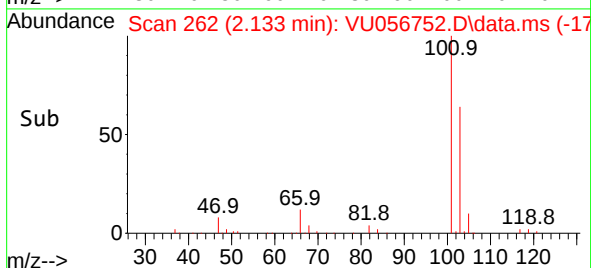
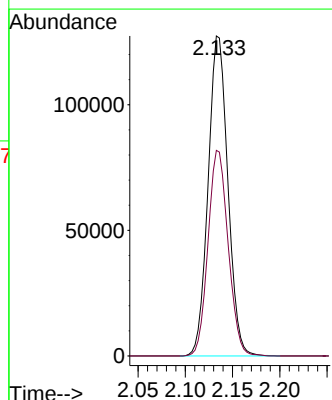
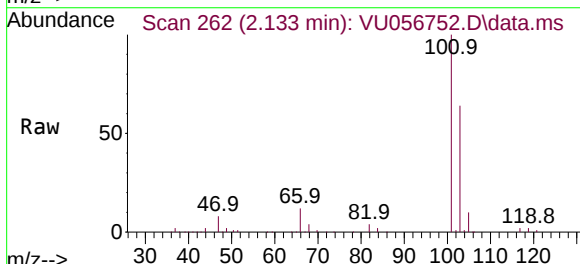
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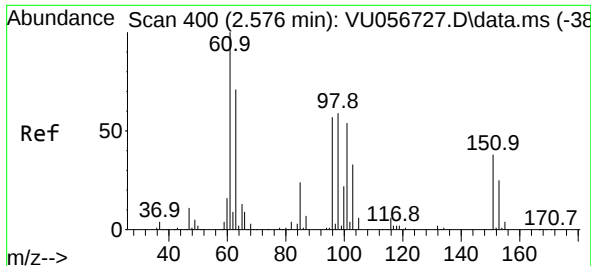
Tgt Ion:101 Resp: 184978

Ion Ratio Lower Upper

101 100

103 65.6 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.612 ug/L

RT: 2.577 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

Instrument :

MSVOA_U

ClientSampleId :

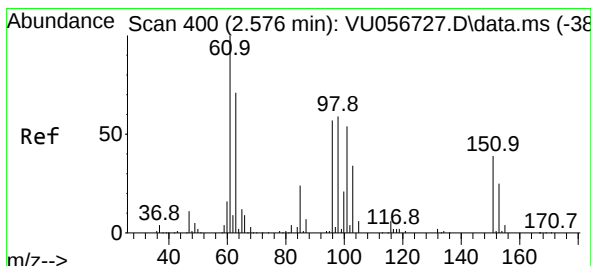
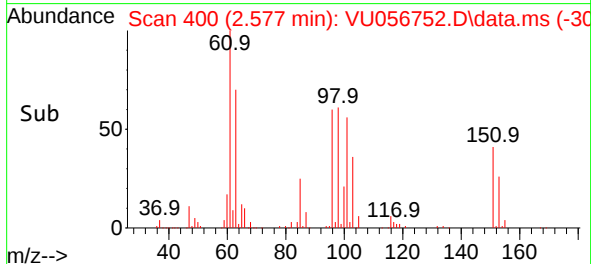
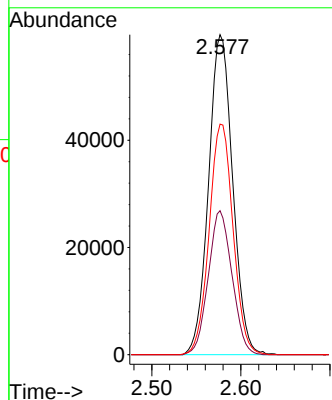
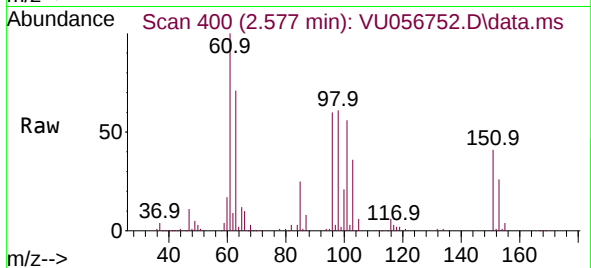
Tgt Ion:101 Resp: 112233

Ion Ratio Lower Upper

101 100

85 44.2 35.2 52.8

151 71.5 56.0 84.0



#12

1,1-Dichloroethene

Concen: 4.678 ug/L

RT: 2.577 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

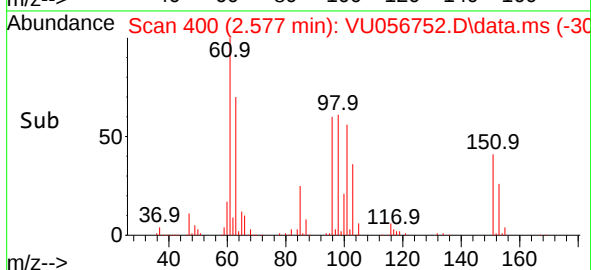
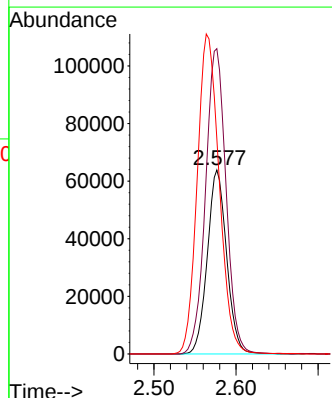
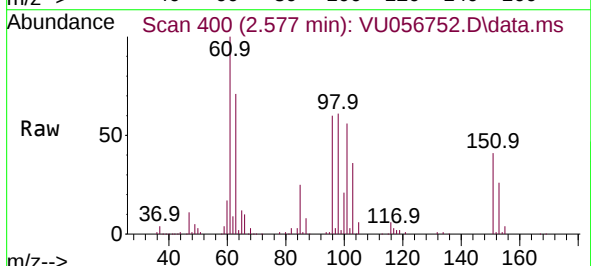
Tgt Ion: 96 Resp: 104481

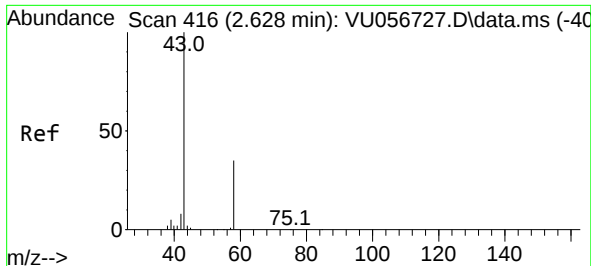
Ion Ratio Lower Upper

96 100

61 165.9 119.0 221.0

63 117.1 88.7 164.7





#13

Acetone

Concen: 44.670 ug/L

RT: 2.628 min Scan# 416

Delta R.T. 0.000 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

Instrument :

MSVOA_U

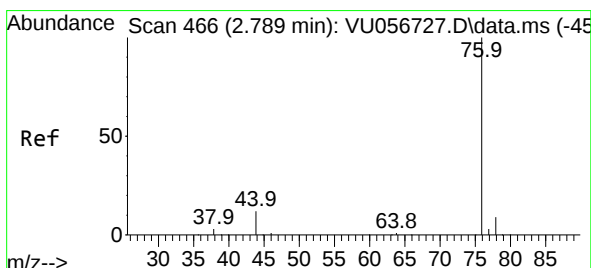
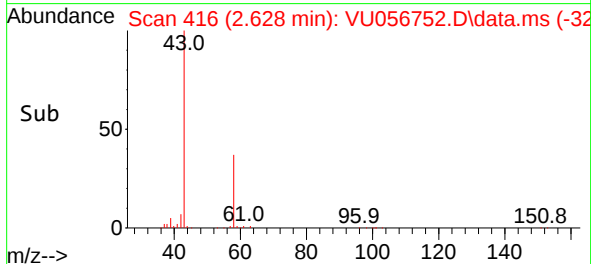
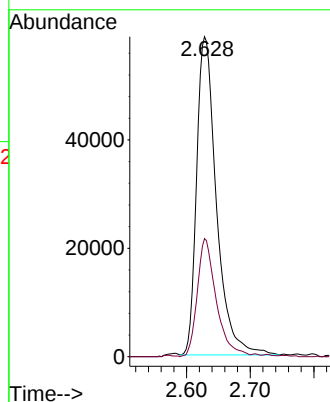
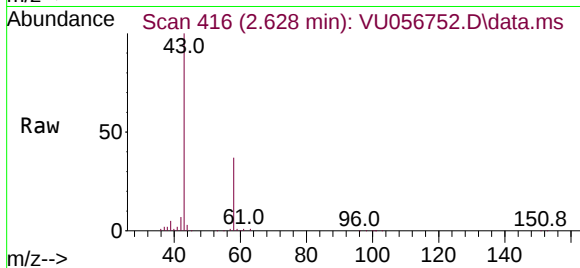
ClientSampleId :

Tgt Ion: 43 Resp: 126782

Ion Ratio Lower Upper

43 100

58 35.6 0.0 72.6



#14

Carbon disulfide

Concen: 4.525 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056752.D

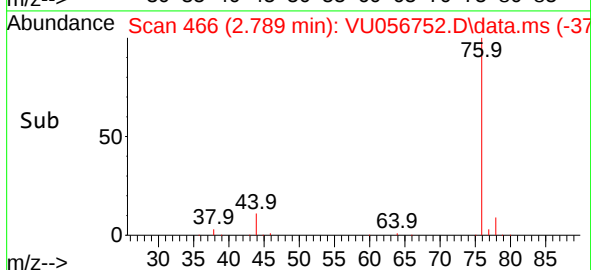
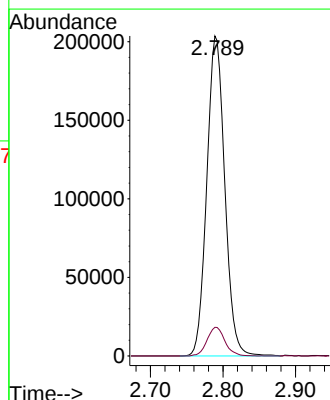
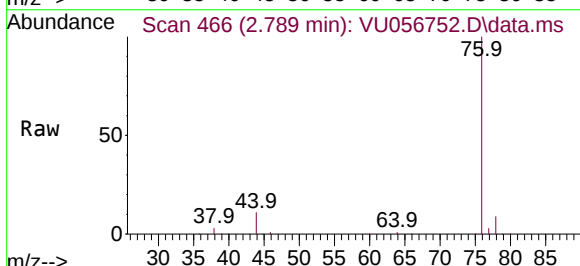
Acq: 11 Dec 2023 23:21

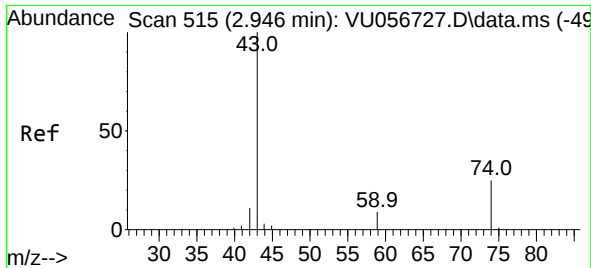
Tgt Ion: 76 Resp: 350672

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

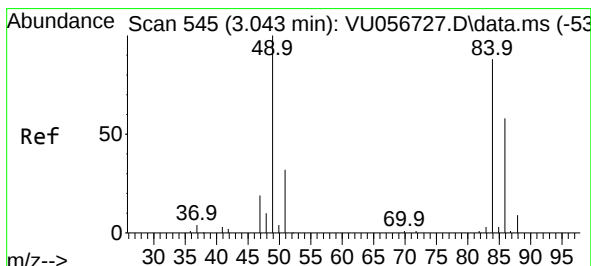
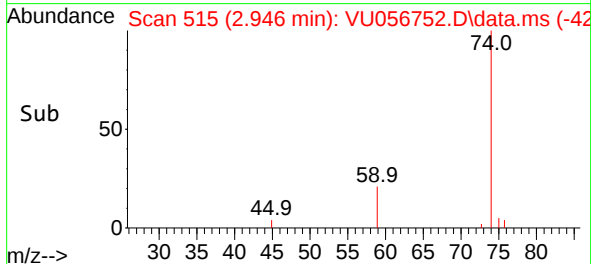
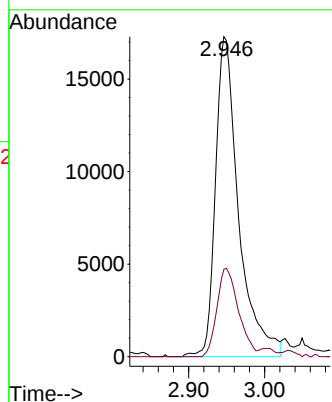
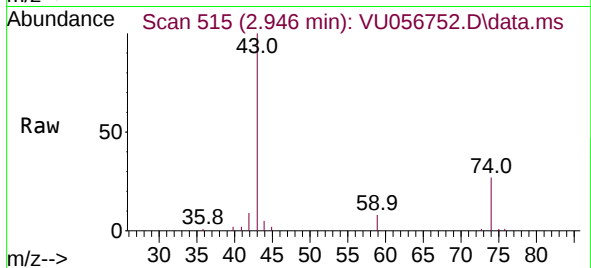




#15
Methyl Acetate
Concen: 4.726 ug/L
RT: 2.946 min Scan# 515
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

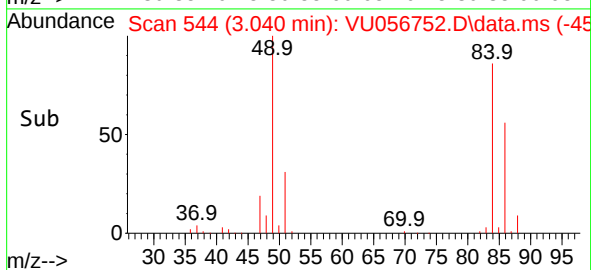
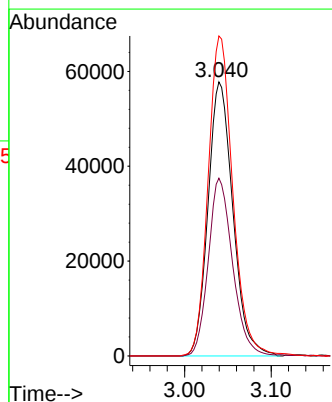
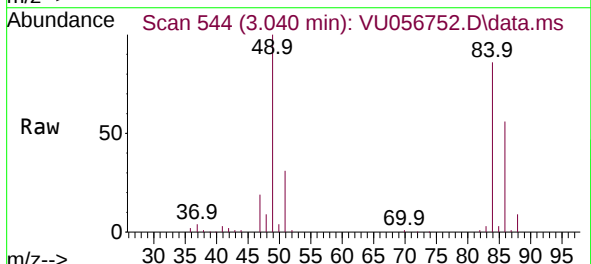
Instrument :
MSVOA_U
ClientSampleId :

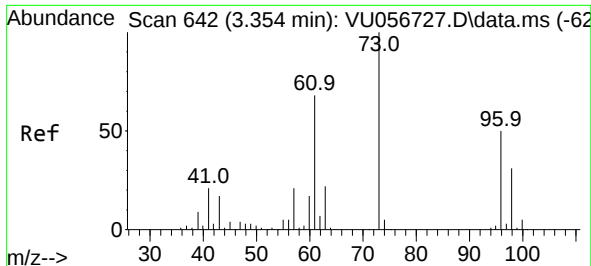
Tgt Ion: 43 Resp: 36514
Ion Ratio Lower Upper
43 100
74 25.9 21.0 31.6



#16
Methylene chloride
Concen: 4.747 ug/L
RT: 3.040 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

Tgt Ion: 84 Resp: 115513
Ion Ratio Lower Upper
84 100
86 64.8 43.6 81.0
49 116.7 80.6 149.6

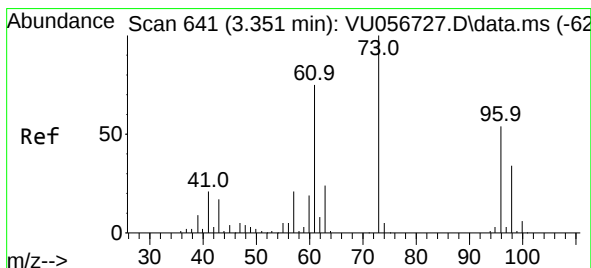
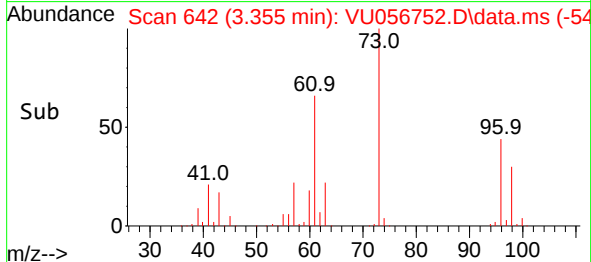
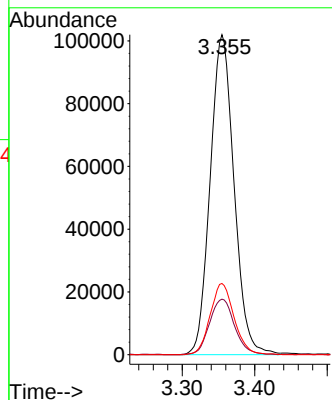
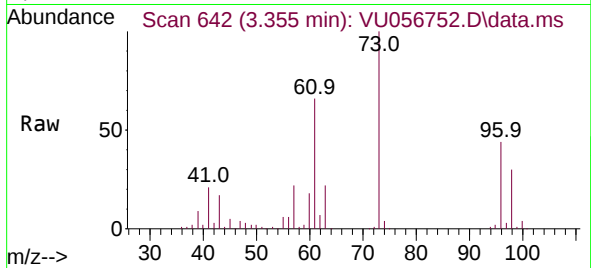




#17
Methyl tert-butyl Ether
Concen: 4.704 ug/L
RT: 3.355 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

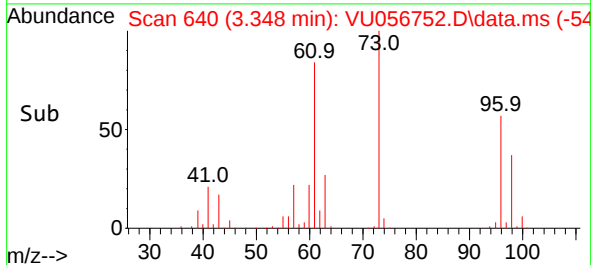
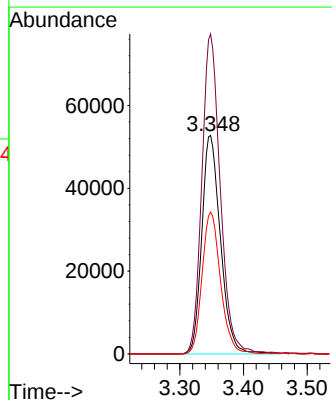
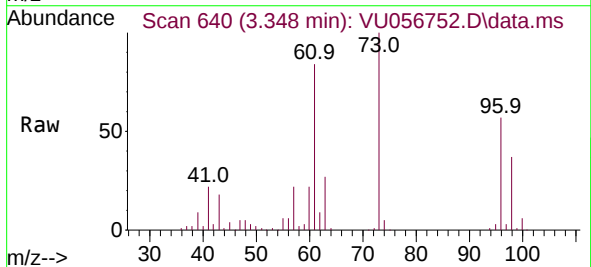
Instrument :
MSVOA_U
ClientSampleId :

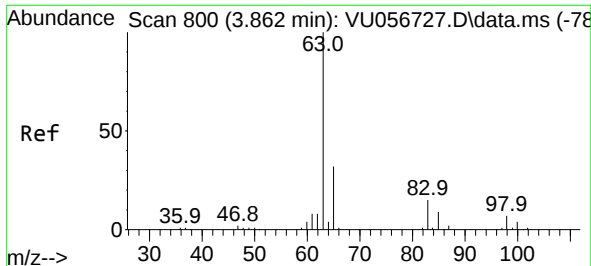
Tgt Ion: 73 Resp: 233002
Ion Ratio Lower Upper
73 100
43 18.3 14.4 21.6
57 22.3 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.758 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

Tgt Ion: 96 Resp: 107748
Ion Ratio Lower Upper
96 100
61 146.4 101.8 189.0
98 64.9 43.0 79.8





#19

1,1-Dichloroethane

Concen: 4.700 ug/L

RT: 3.863 min Scan# 80

Delta R.T. 0.000 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

Instrument :

MSVOA_U

ClientSampleId :

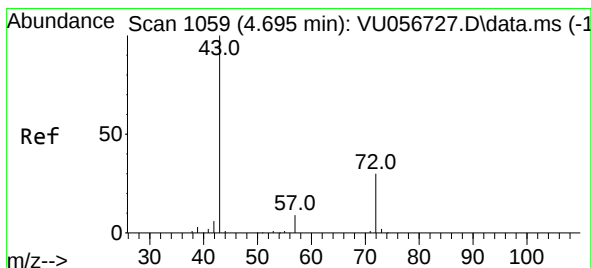
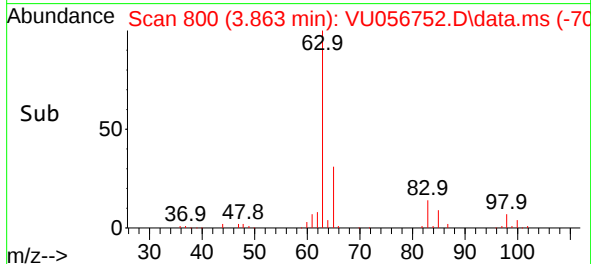
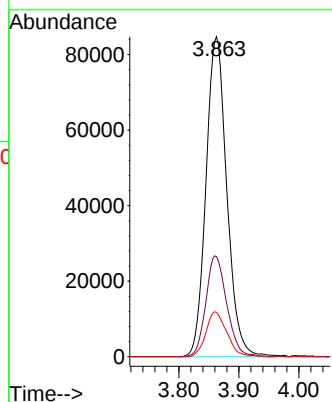
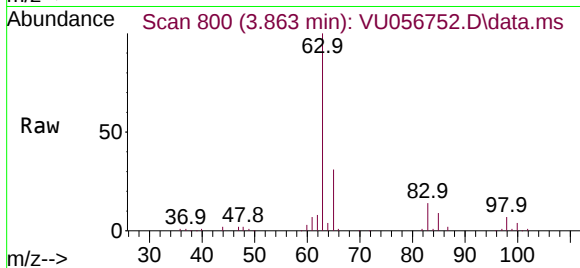
Tgt Ion: 63 Resp: 204764

Ion Ratio Lower Upper

63 100

65 31.2 22.9 42.5

83 13.8 10.1 18.9



#21

2-Butanone

Concen: 45.590 ug/L

RT: 4.699 min Scan# 1060

Delta R.T. 0.004 min

Lab File: VU056752.D

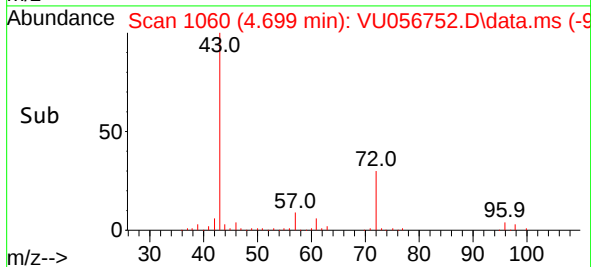
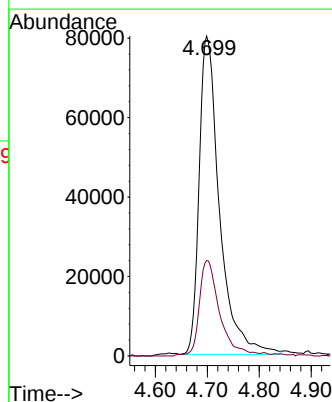
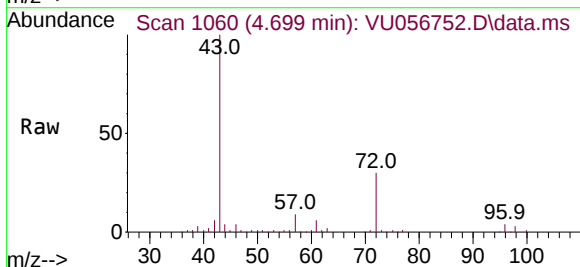
Acq: 11 Dec 2023 23:21

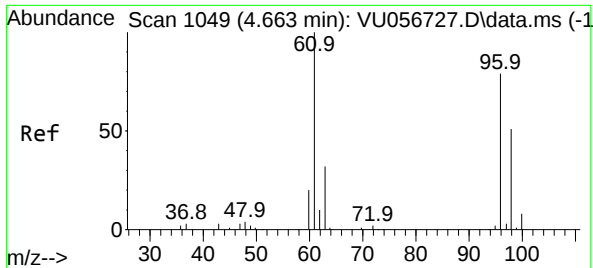
Tgt Ion: 43 Resp: 218205

Ion Ratio Lower Upper

43 100

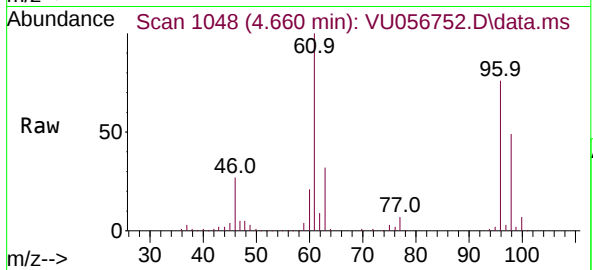
72 29.9 14.6 43.8





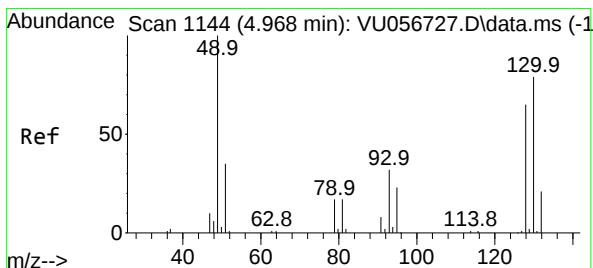
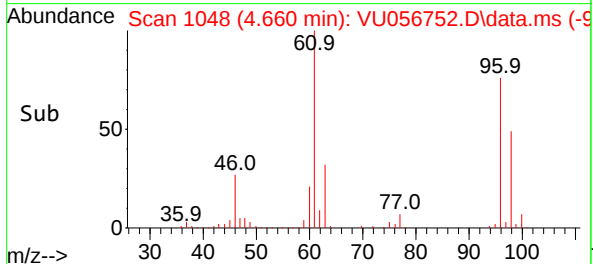
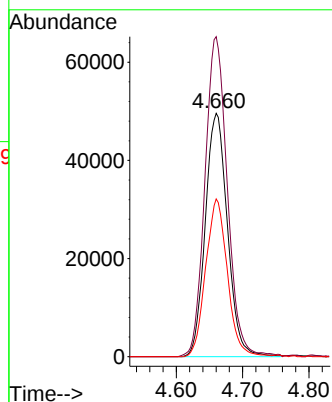
#22
 cis-1,2-Dichloroethene
 Concen: 4.683 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU056752.D
 Acq: 11 Dec 2023 23:21

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 115389

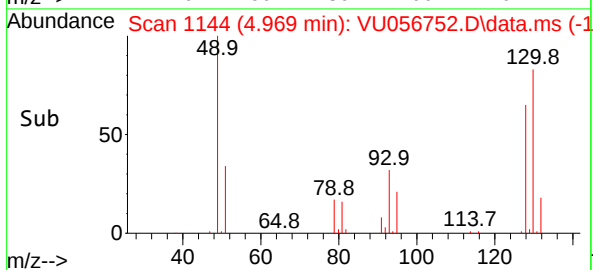
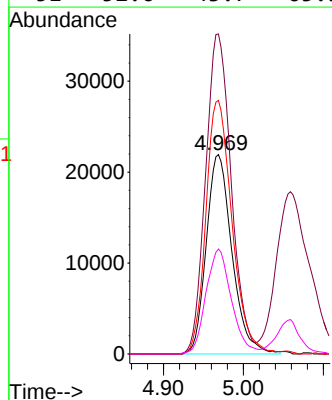
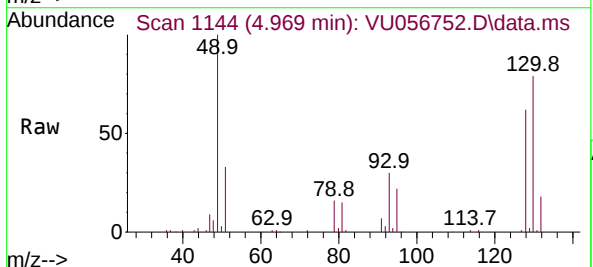
Ion	Ratio	Lower	Upper
96	100		
61	131.5	91.3	169.6
98	64.8	44.2	82.0

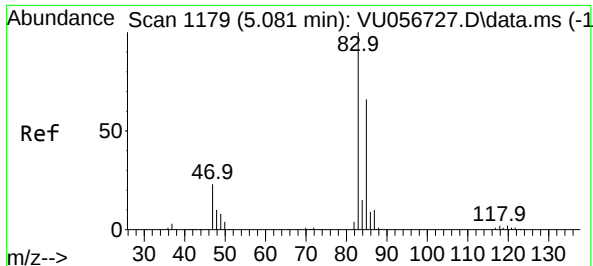


#23
 Bromochloromethane
 Concen: 4.746 ug/L
 RT: 4.969 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056752.D
 Acq: 11 Dec 2023 23:21

Tgt Ion:128 Resp: 48952

Ion	Ratio	Lower	Upper
128	100		
49	160.5	113.8	211.3
130	127.2	90.6	168.3
51	52.6	43.7	65.5





#25

Chloroform

Concen: 4.647 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

Instrument :

MSVOA_U

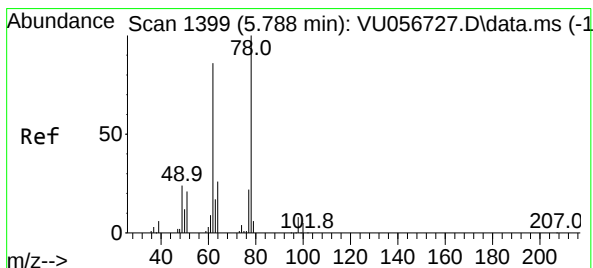
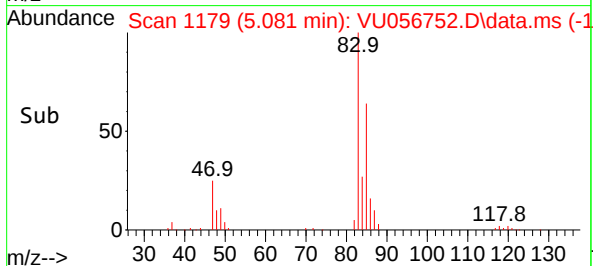
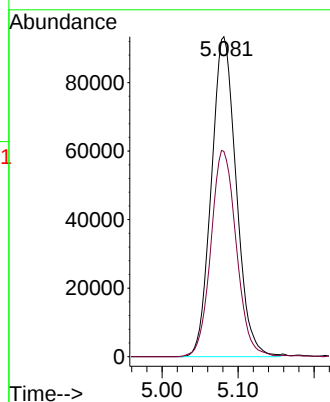
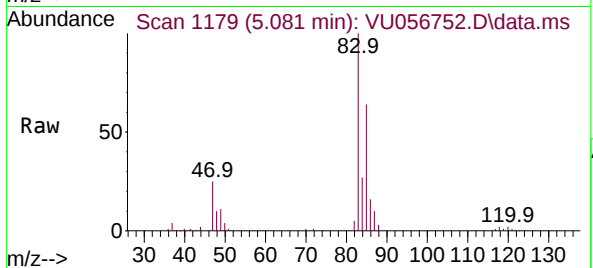
ClientSampleId :

Tgt Ion: 83 Resp: 212078

Ion Ratio Lower Upper

83 100

85 64.1 45.8 85.0



#27

1,2-Dichloroethane

Concen: 4.627 ug/L

RT: 5.789 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056752.D

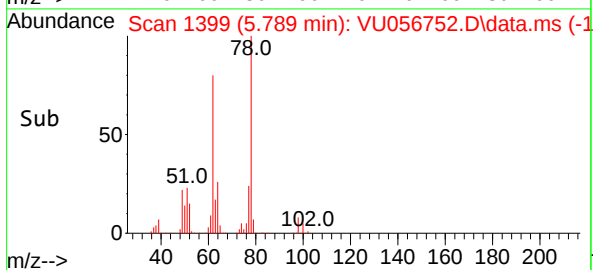
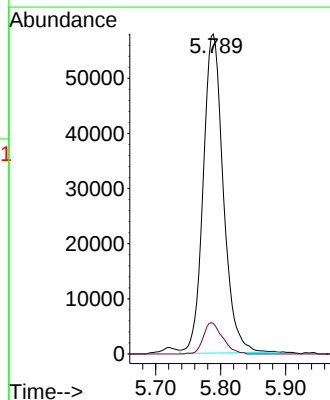
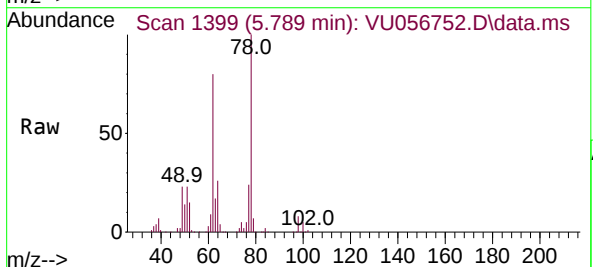
Acq: 11 Dec 2023 23:21

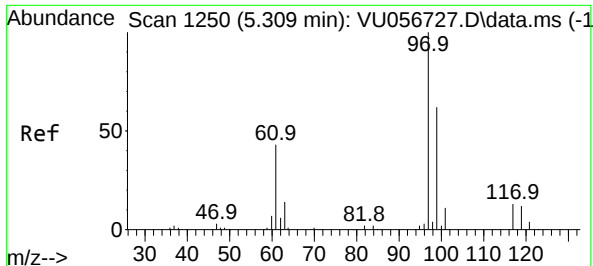
Tgt Ion: 62 Resp: 124878

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 4.945 ug/L

RT: 5.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

Instrument :

MSVOA_U

ClientSampleId :

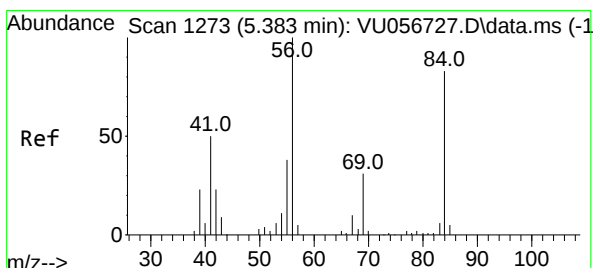
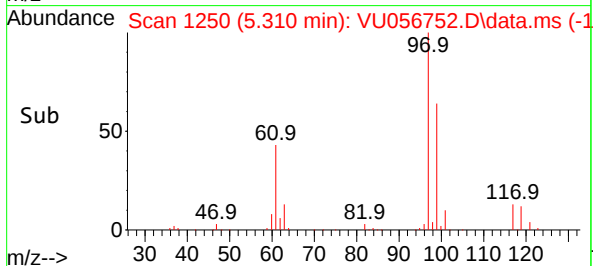
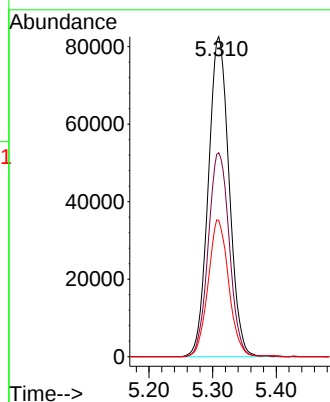
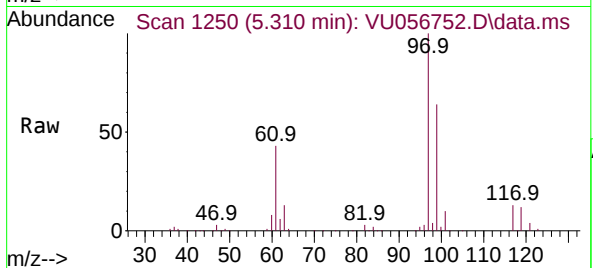
Tgt Ion: 97 Resp: 187584

Ion Ratio Lower Upper

97 100

99 64.4 52.5 78.7

61 42.3 34.2 51.2



#30

Cyclohexane

Concen: 4.991 ug/L

RT: 5.384 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

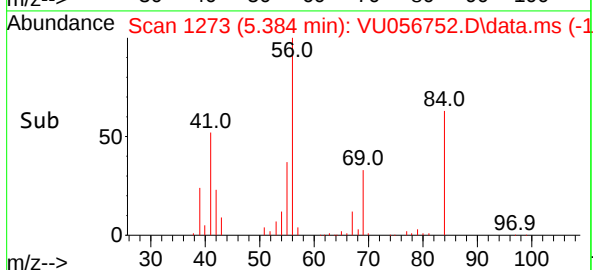
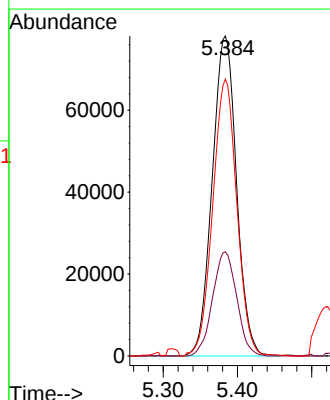
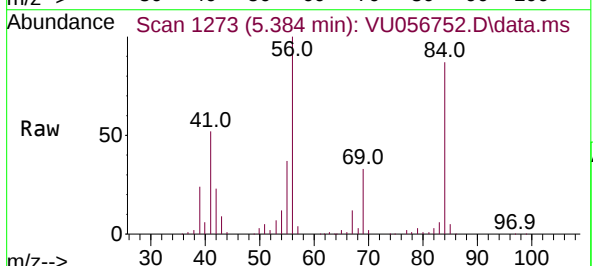
Tgt Ion: 56 Resp: 177714

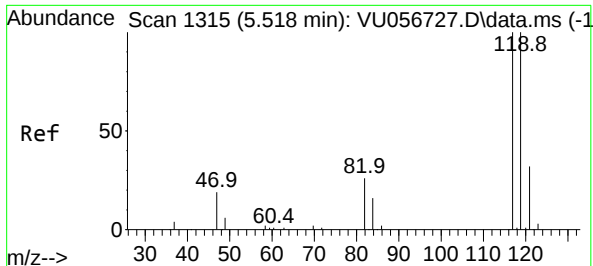
Ion Ratio Lower Upper

56 100

69 32.4 24.9 37.3

84 85.9 67.6 101.4

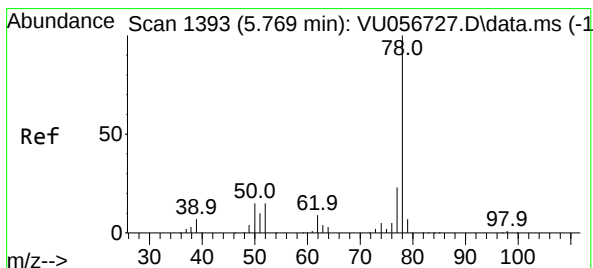
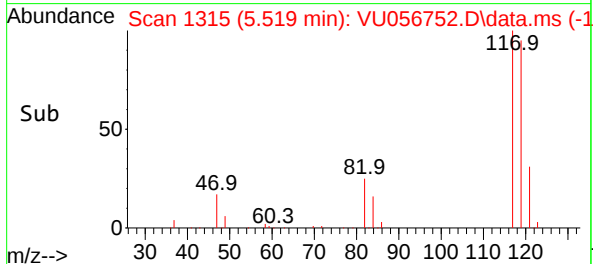
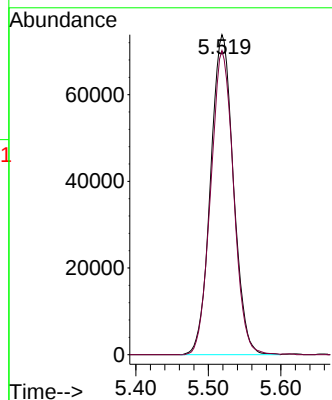
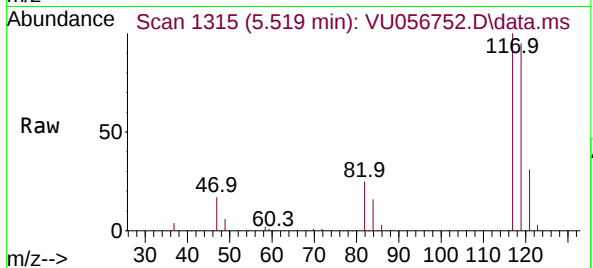




#31
Carbon tetrachloride
Concen: 4.910 ug/L
RT: 5.519 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

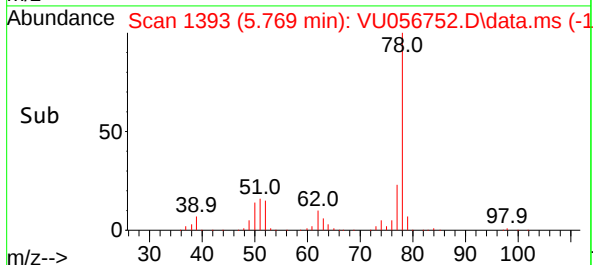
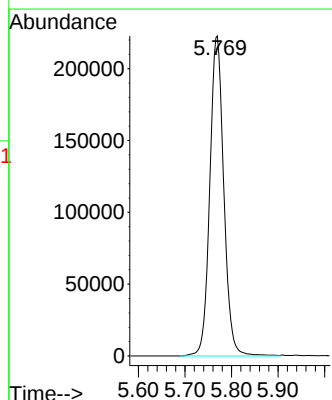
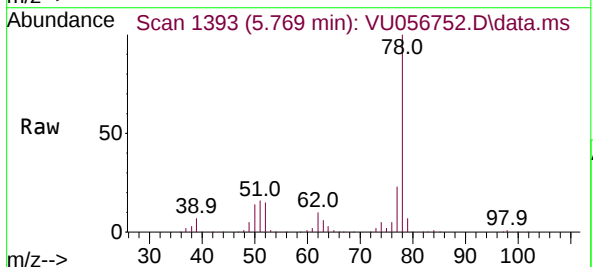
Instrument :
MSVOA_U
ClientSampleId :

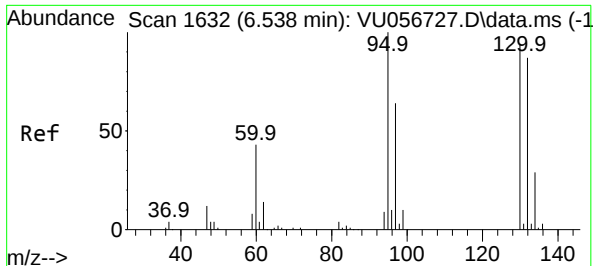
Tgt Ion:117 Resp: 161911
Ion Ratio Lower Upper
117 100
119 94.6 76.2 114.4



#33
Benzene
Concen: 5.047 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

Tgt Ion: 78 Resp: 465497

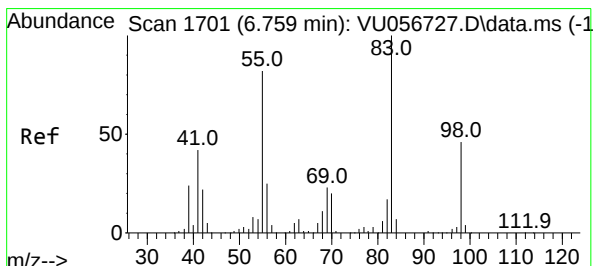
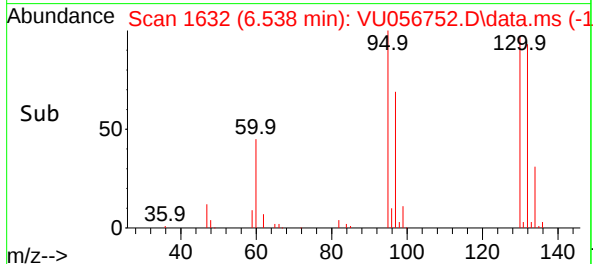
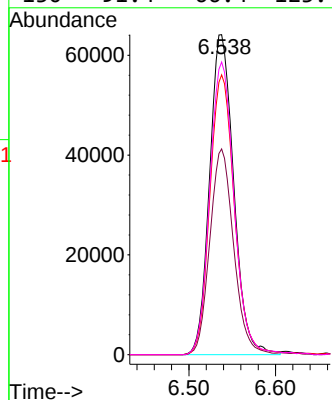
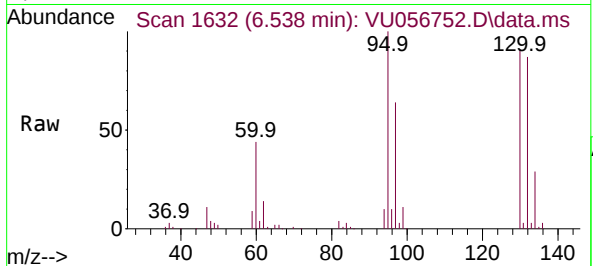




#34
Trichloroethene
Concen: 4.909 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

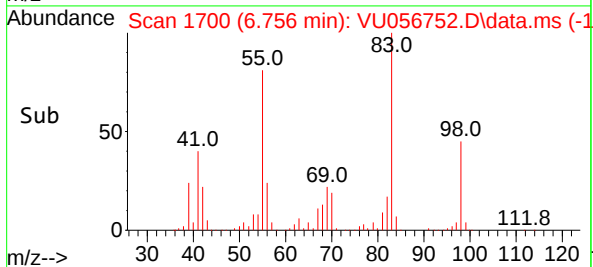
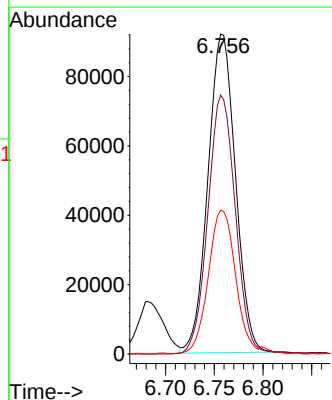
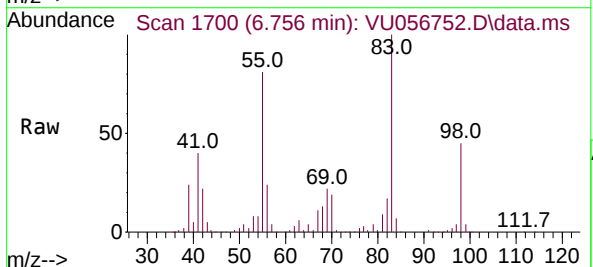
Instrument :
MSVOA_U
ClientSampleId :

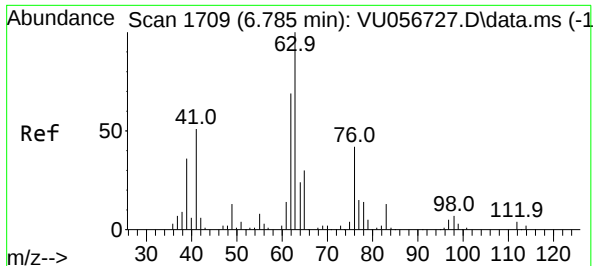
Tgt Ion: 95 Resp: 124203
Ion Ratio Lower Upper
95 100
97 64.3 46.1 85.5
132 87.5 63.6 118.0
130 91.4 66.4 123.4



#35
Methylcyclohexane
Concen: 4.838 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

Tgt Ion: 83 Resp: 180642
Ion Ratio Lower Upper
83 100
55 81.3 64.6 97.0
98 44.5 36.1 54.1

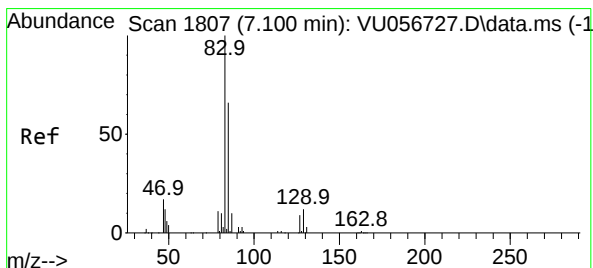
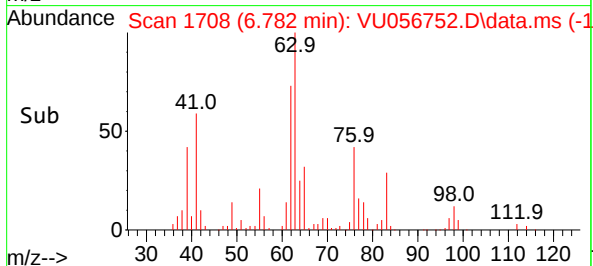
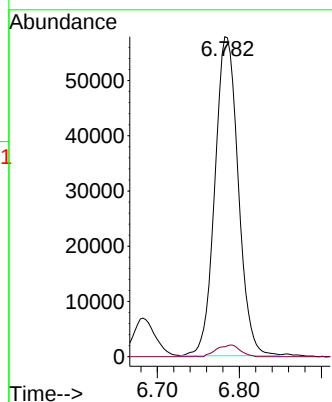
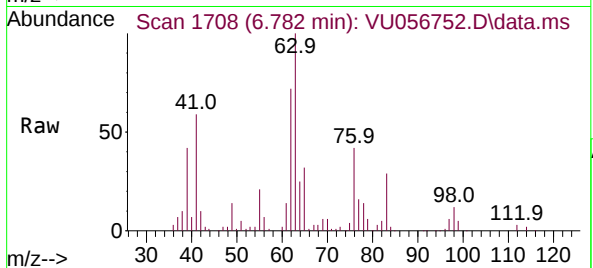




#37
1,2-Dichloropropane
Concen: 4.847 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

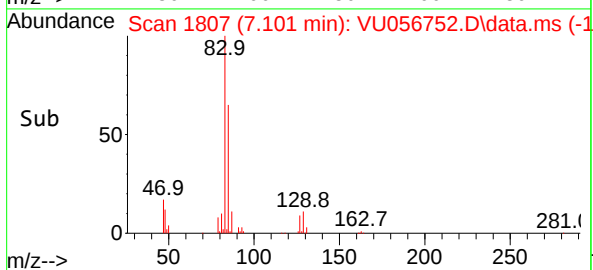
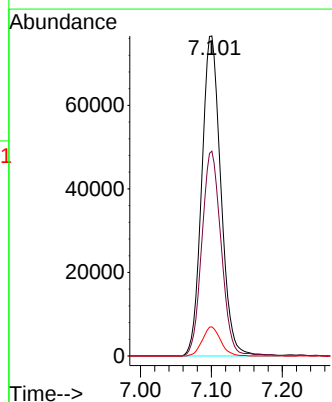
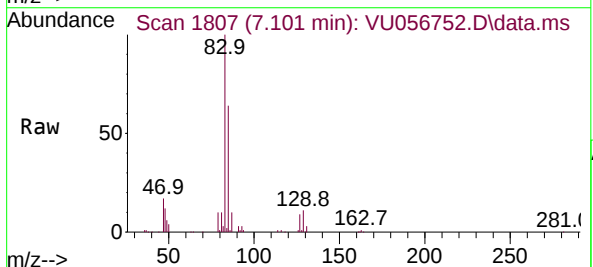
Instrument :
MSVOA_U
ClientSampleId :

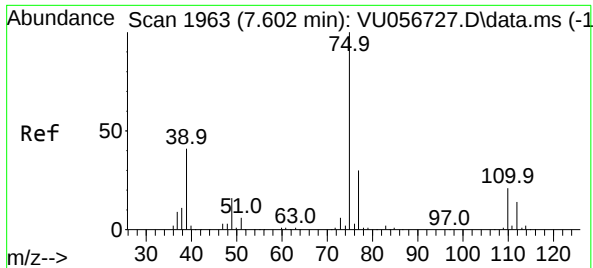
Tgt Ion: 63 Resp: 114356
Ion Ratio Lower Upper
63 100
112 3.7 3.3 4.9



#38
Bromodichloromethane
Concen: 4.772 ug/L
RT: 7.101 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

Tgt Ion: 83 Resp: 143588
Ion Ratio Lower Upper
83 100
85 64.0 45.0 83.6
127 9.1 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 4.869 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

Instrument :

MSVOA_U

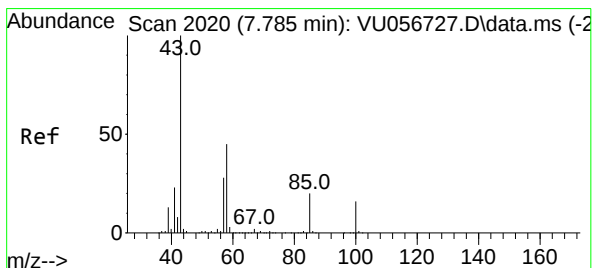
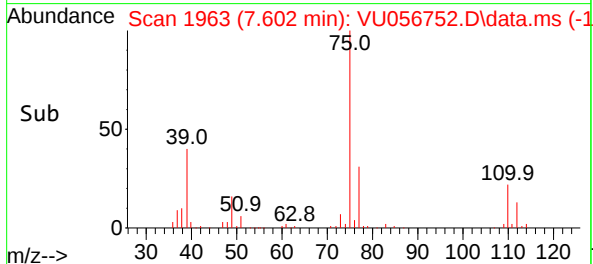
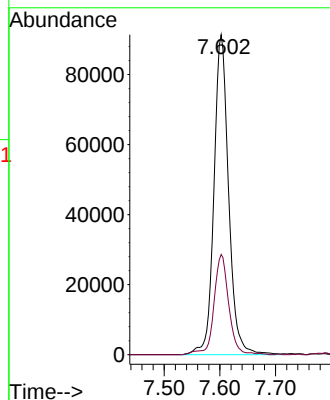
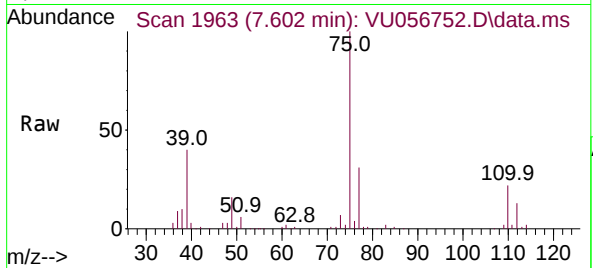
ClientSampleId :

Tgt Ion: 75 Resp: 167438

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 48.841 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

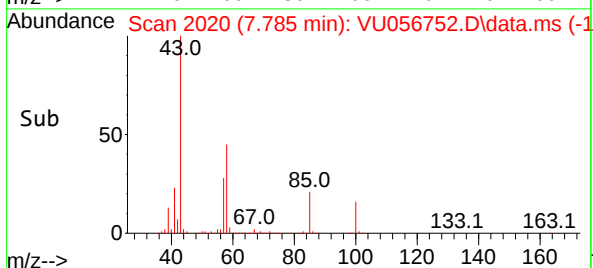
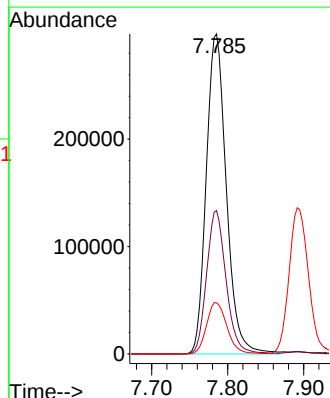
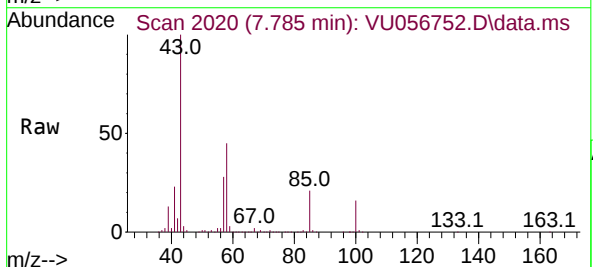
Tgt Ion: 43 Resp: 547198

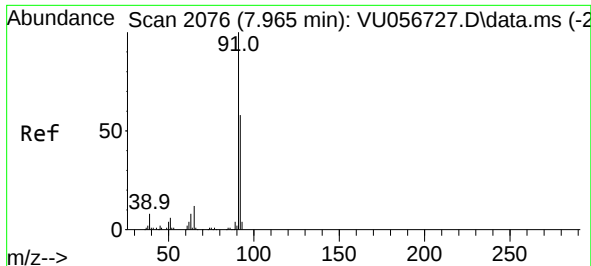
Ion Ratio Lower Upper

43 100

58 43.6 33.7 50.5

100 16.4 13.0 19.4





#42

Toluene

Concen: 5.031 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

Instrument :

MSVOA_U

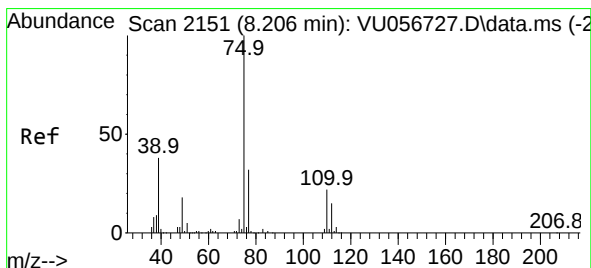
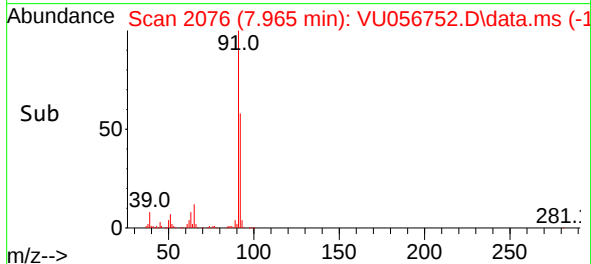
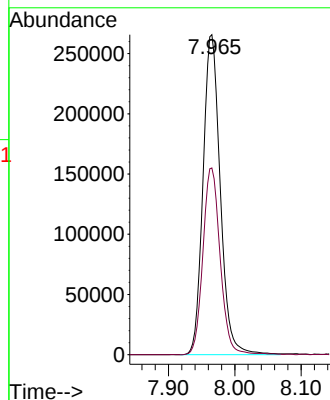
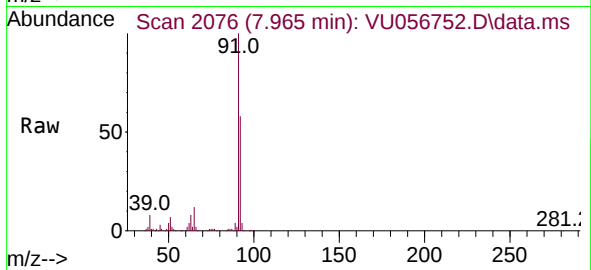
ClientSampleId :

Tgt Ion: 91 Resp: 480115

Ion Ratio Lower Upper

91 100

92 58.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.732 ug/L

RT: 8.207 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056752.D

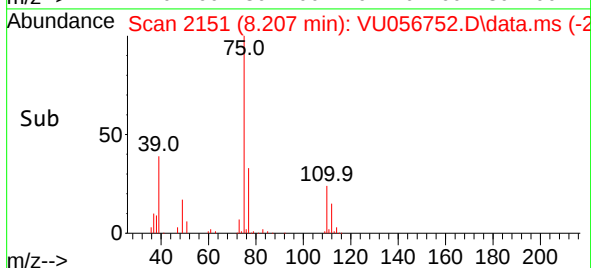
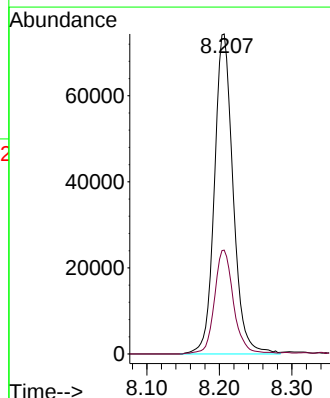
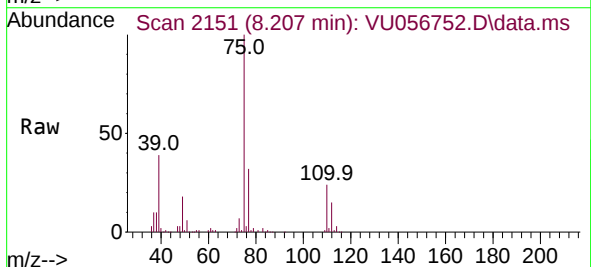
Acq: 11 Dec 2023 23:21

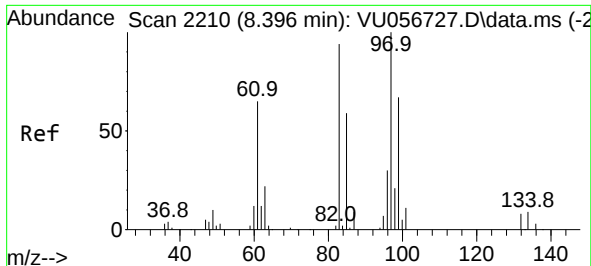
Tgt Ion: 75 Resp: 133353

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.4

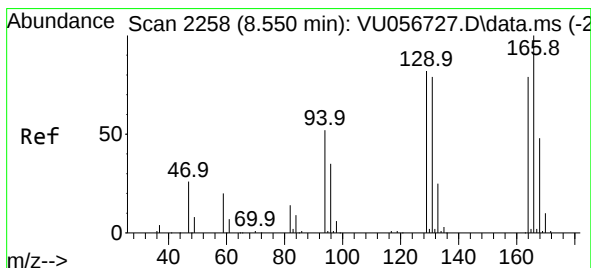
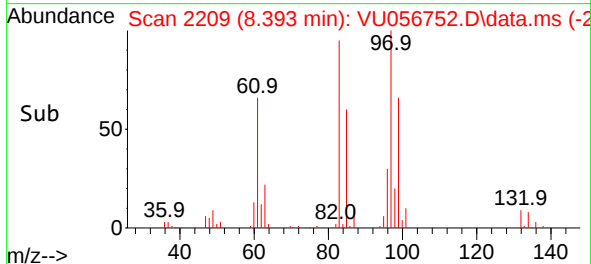
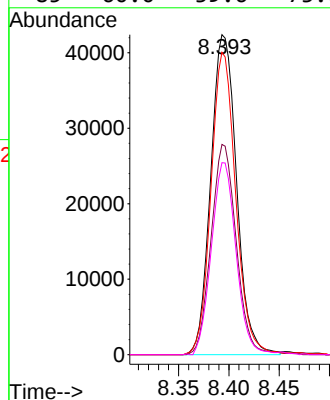
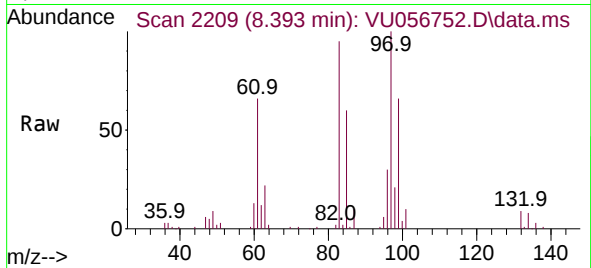




#45
1,1,2-Trichloroethane
Concen: 4.740 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

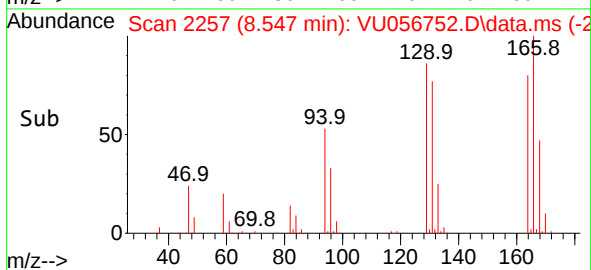
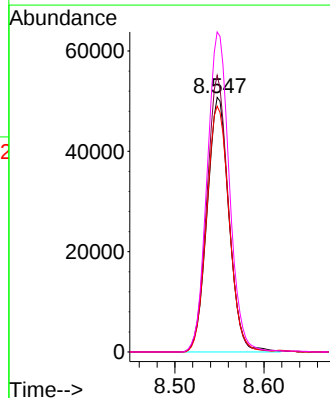
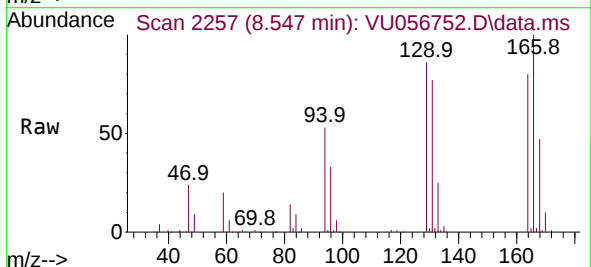
Instrument :
MSVOA_U
ClientSampleId :

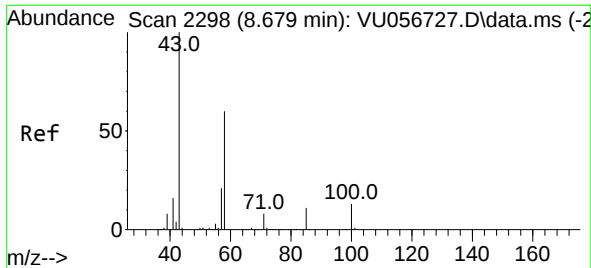
Tgt Ion:	97	Resp:	75605
Ion	Ratio	Lower	Upper
97	100		
99	65.7	41.9	77.9
83	94.5	59.1	109.7
85	60.0	39.6	73.6



#47
Tetrachloroethene
Concen: 4.896 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

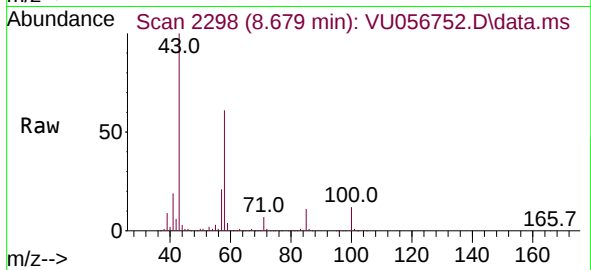
Tgt Ion:	164	Resp:	86695
Ion	Ratio	Lower	Upper
164	100		
129	108.7	73.4	136.4
131	96.6	71.5	132.9
166	125.7	92.7	172.1



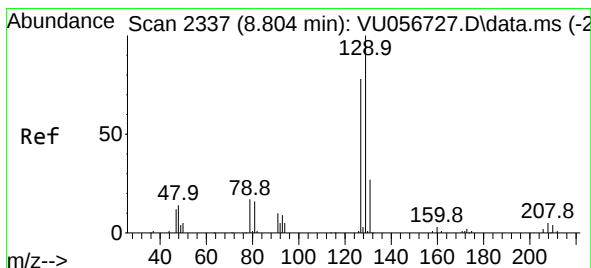
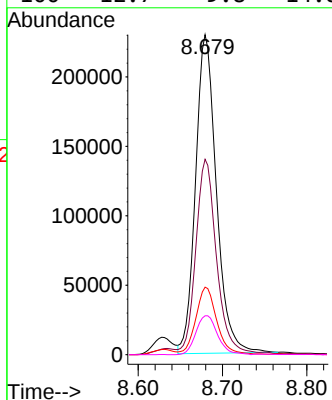
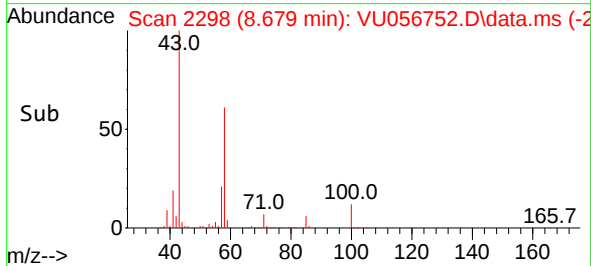


#48
2-Hexanone
Concen: 49.537 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

Instrument :
MSVOA_U
ClientSampleId :

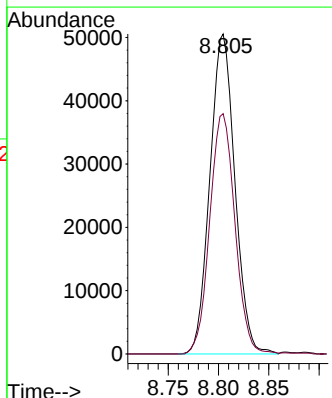
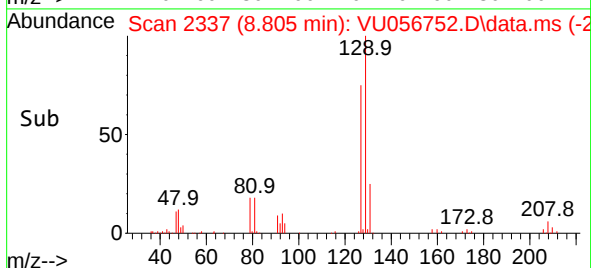
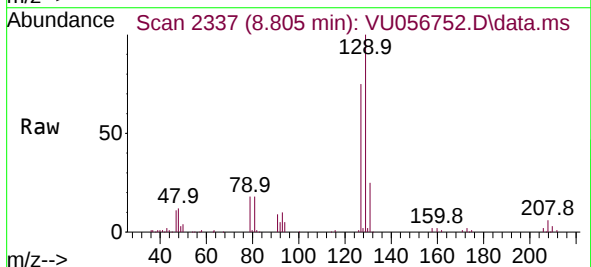


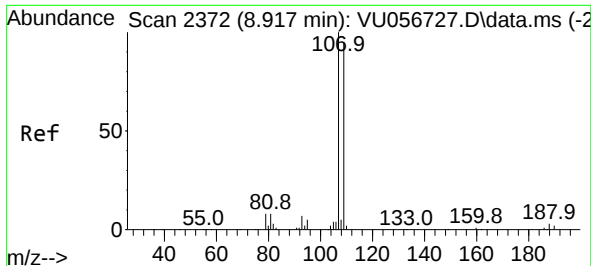
Tgt Ion: 43	Resp: 395278
Ion Ratio	Lower Upper
43 100	
58 59.4	47.5 71.3
57 21.1	17.0 25.4
100 12.7	9.8 14.8



#49
Dibromochloromethane
Concen: 4.766 ug/L
RT: 8.805 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

Tgt Ion:129	Resp:	87384	
Ion	Ratio	Lower	Upper
129	100		
127	75.1	53.9	100.1

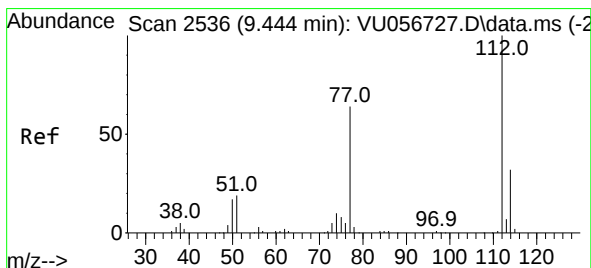
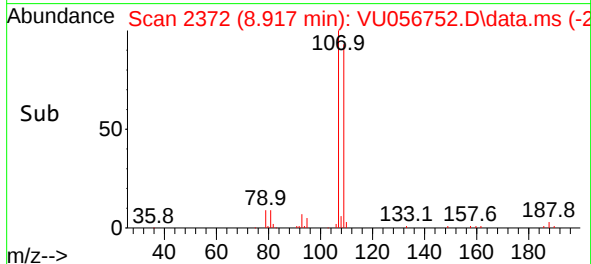
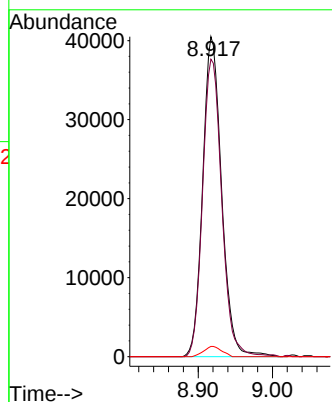
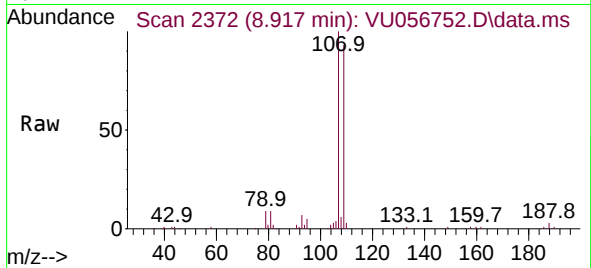




#50
1,2-Dibromoethane
Concen: 4.837 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

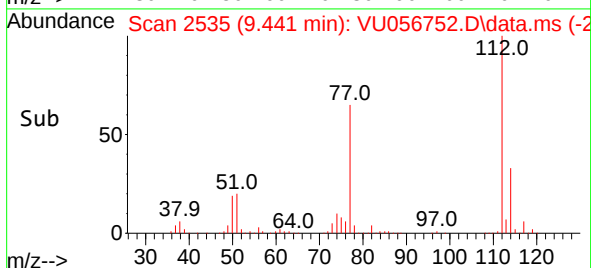
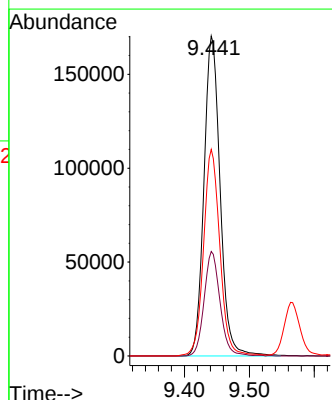
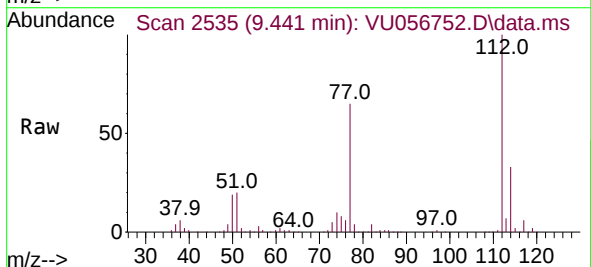
Instrument :
MSVOA_U
ClientSampleId :

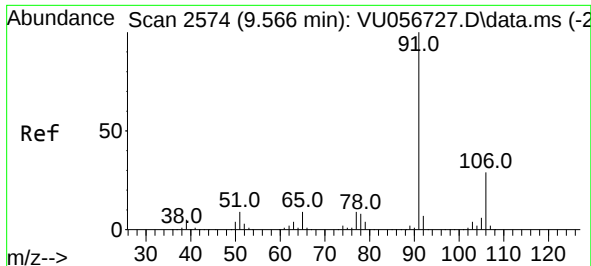
Tgt Ion:107 Resp: 71608
Ion Ratio Lower Upper
107 100
109 93.0 66.5 123.5
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 4.869 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

Tgt Ion:112 Resp: 296155
Ion Ratio Lower Upper
112 100
114 32.7 21.9 40.7
77 64.5 51.6 77.4

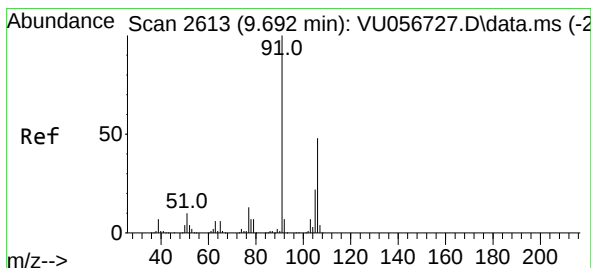
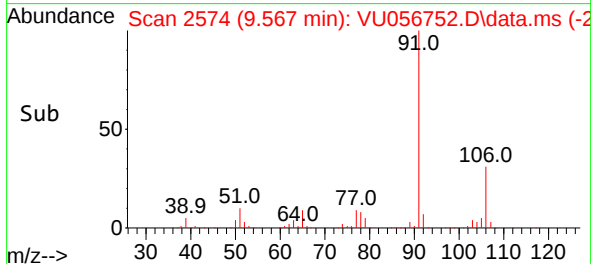
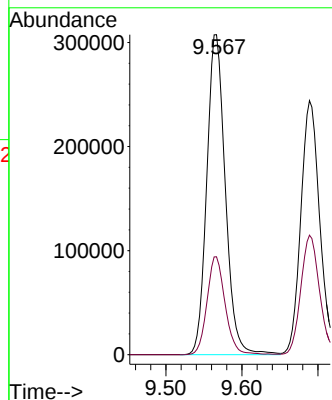
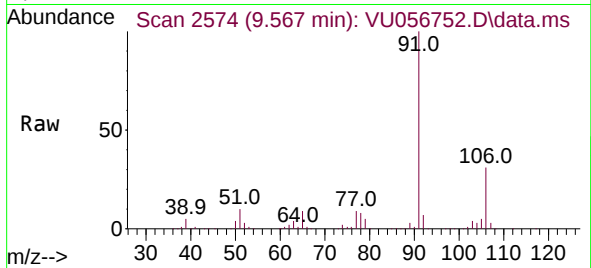




#52
Ethylbenzene
Concen: 4.952 ug/L
RT: 9.567 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

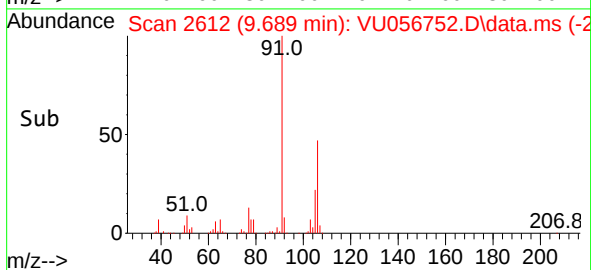
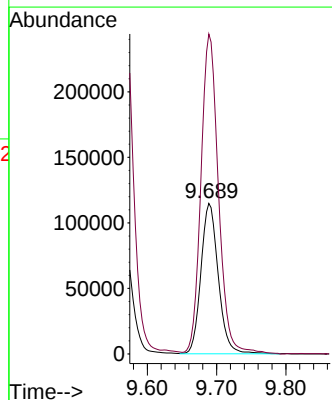
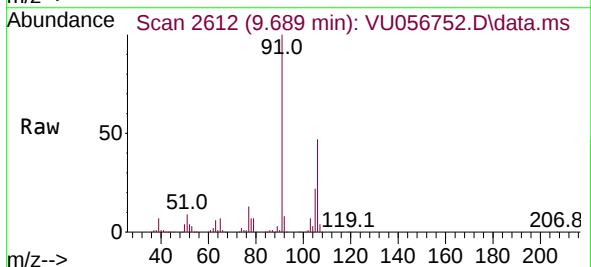
Instrument :
MSVOA_U
ClientSampleId :

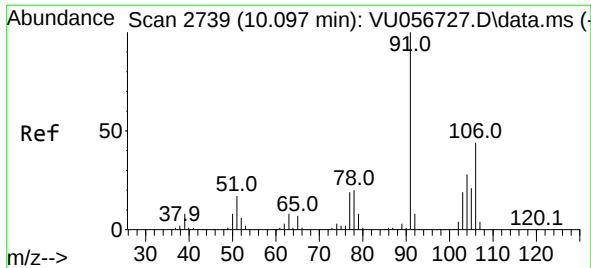
Tgt Ion: 91 Resp: 521288
Ion Ratio Lower Upper
91 100
106 30.6 20.6 38.4



#53
m,p-Xylene
Concen: 5.083 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

Tgt Ion:106 Resp: 199366
Ion Ratio Lower Upper
106 100
91 212.5 154.0 286.0

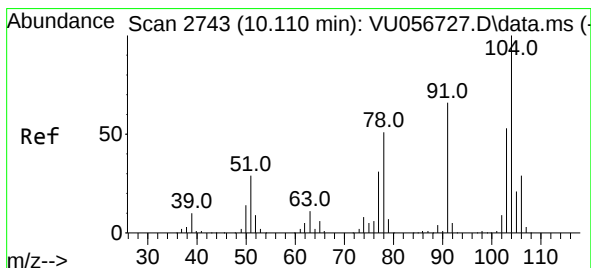
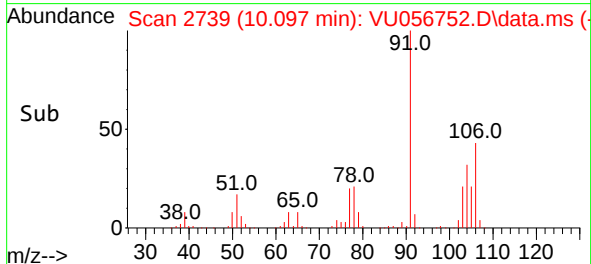
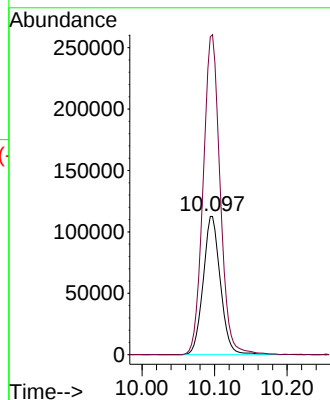
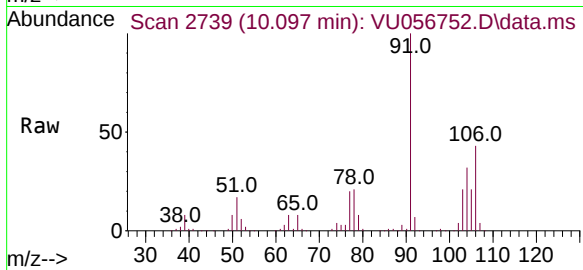




#54
o-Xylene
Concen: 4.968 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

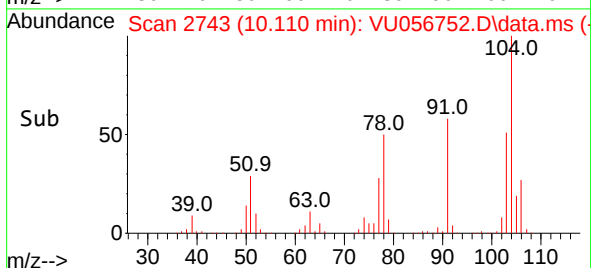
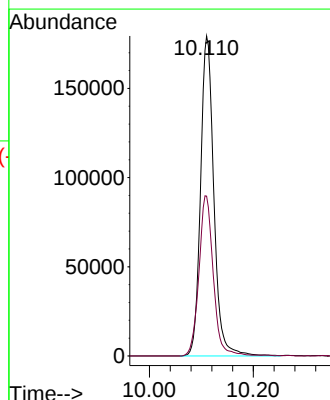
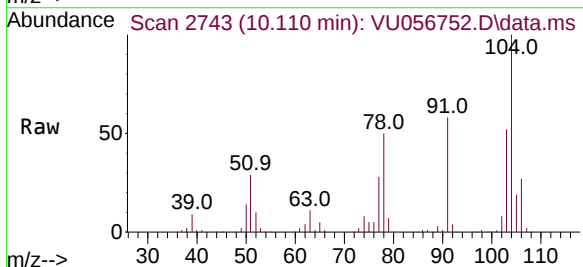
Instrument :
MSVOA_U
ClientSampleId :

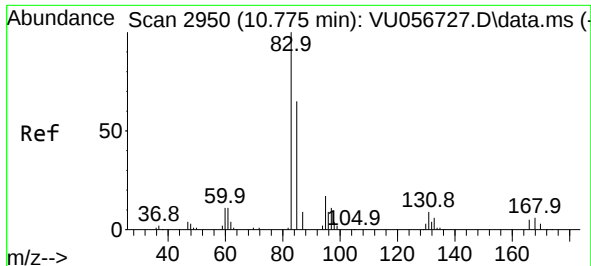
Tgt Ion:106 Resp: 185647
Ion Ratio Lower Upper
106 100
91 231.4 160.2 297.6



#55
Styrene
Concen: 5.192 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

Tgt Ion:104 Resp: 318597
Ion Ratio Lower Upper
104 100
78 49.9 35.6 66.2

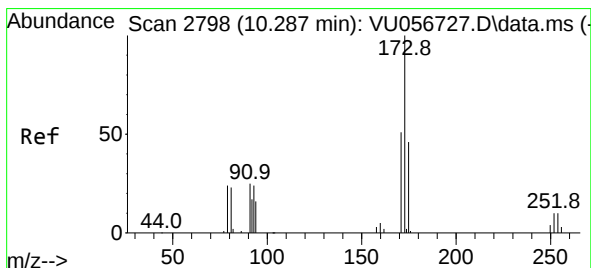
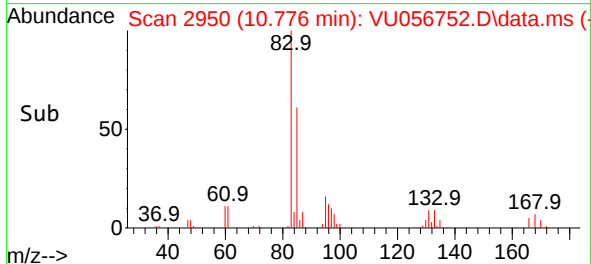
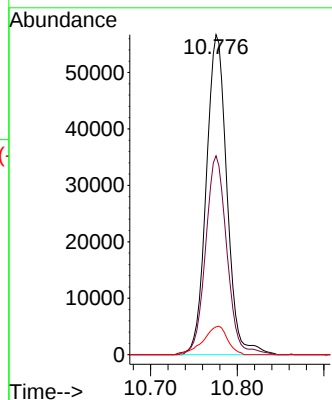
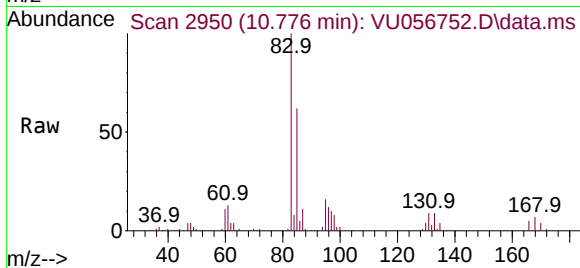




#57
1,1,2,2-Tetrachloroethane
Concen: 4.861 ug/L
RT: 10.776 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

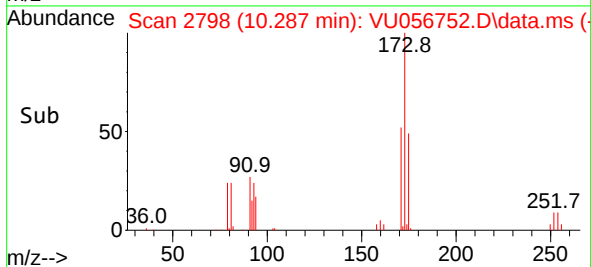
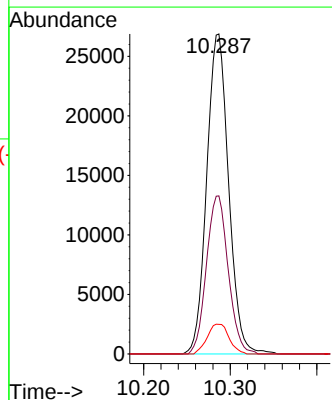
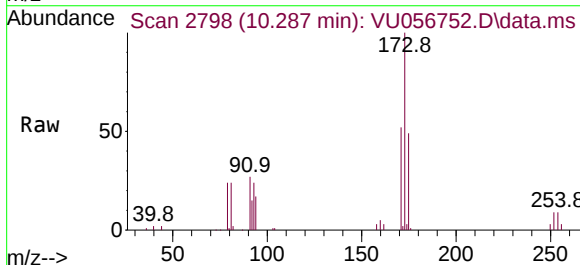
Instrument :
MSVOA_U
ClientSampleId :

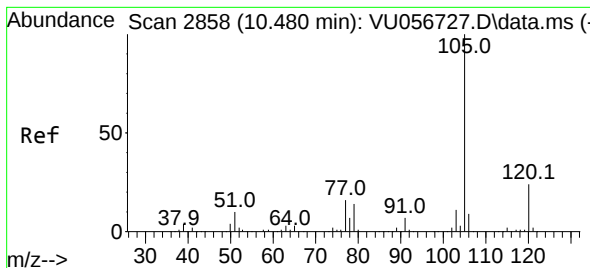
Tgt Ion: 83 Resp: 93675
Ion Ratio Lower Upper
83 100
85 62.1 45.4 84.4
131 8.7 6.6 9.8



#59
Bromoform
Concen: 4.407 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

Tgt Ion:173 Resp: 47159
Ion Ratio Lower Upper
173 100
175 49.1 38.2 57.2
254 9.3 7.0 10.4





#60

Isopropylbenzene

Concen: 4.921 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

Instrument :

MSVOA_U

ClientSampleId :

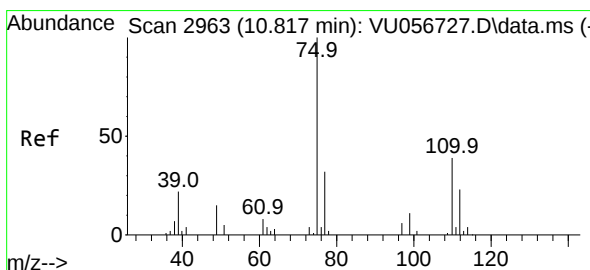
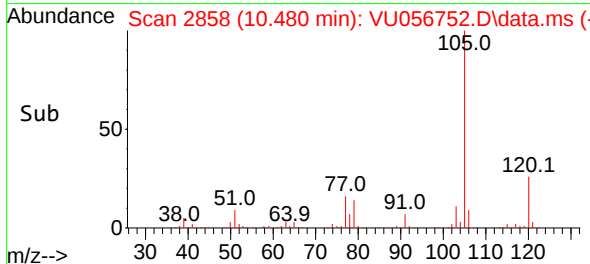
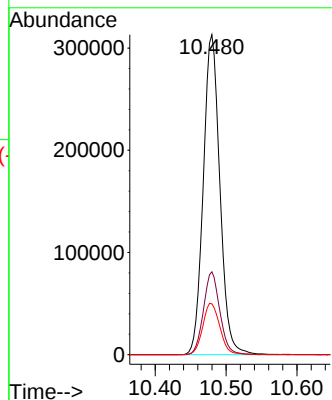
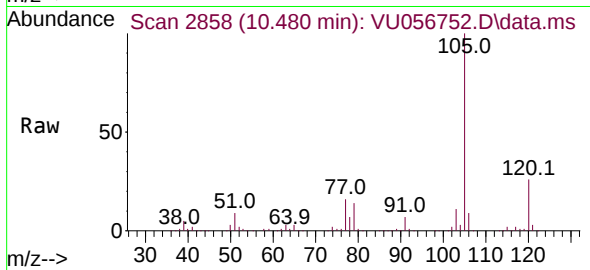
Tgt Ion:105 Resp: 509550

Ion Ratio Lower Upper

105 100

120 25.5 20.1 30.1

77 16.6 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 4.777 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

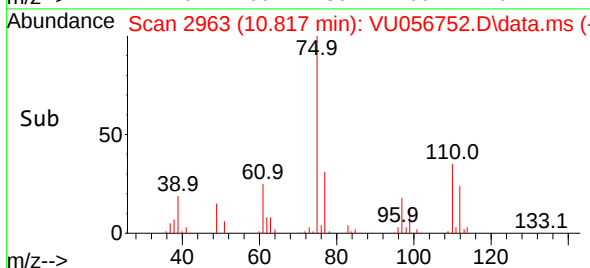
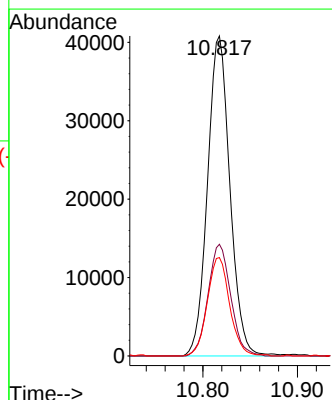
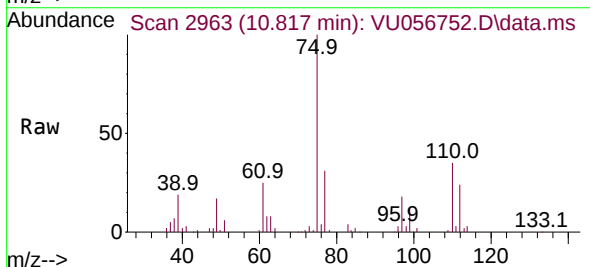
Tgt Ion: 75 Resp: 67226

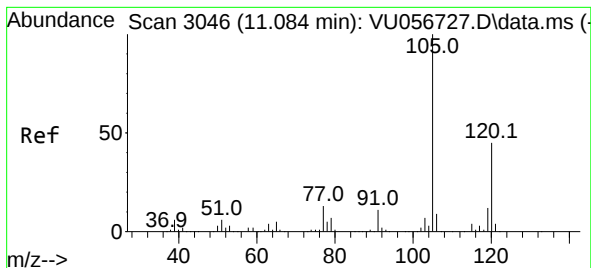
Ion Ratio Lower Upper

75 100

110 35.3 28.4 42.6

77 30.7 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 4.880 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

Instrument :

MSVOA_U

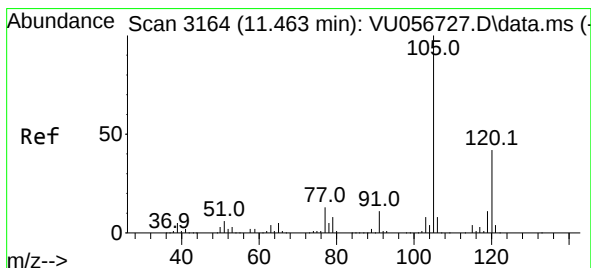
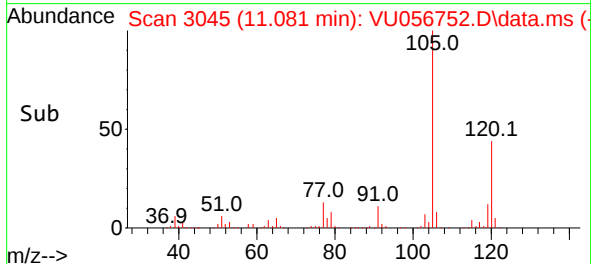
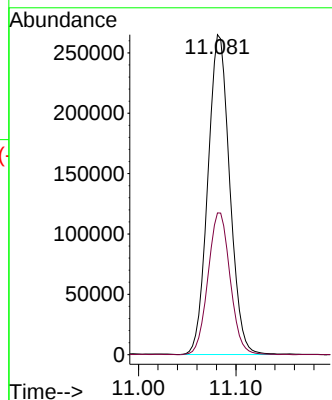
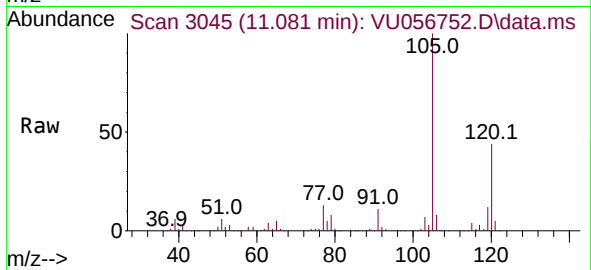
ClientSampleId :

Tgt Ion:105 Resp: 412962

Ion Ratio Lower Upper

105 100

120 44.9 36.8 55.2



#63

1,2,4-Trimethylbenzene

Concen: 4.909 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU056752.D

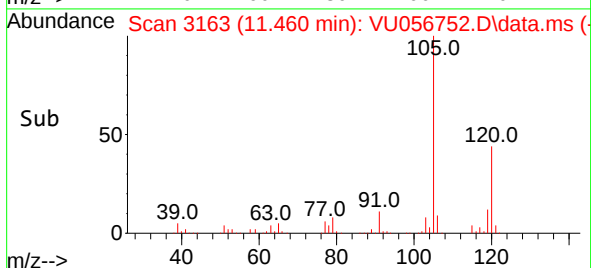
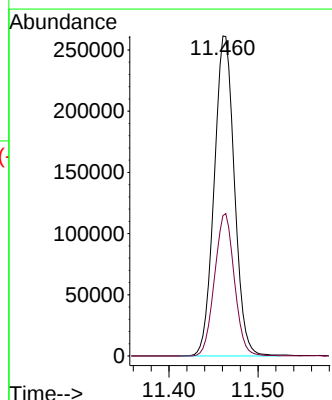
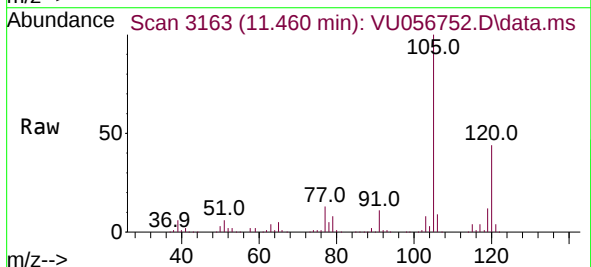
Acq: 11 Dec 2023 23:21

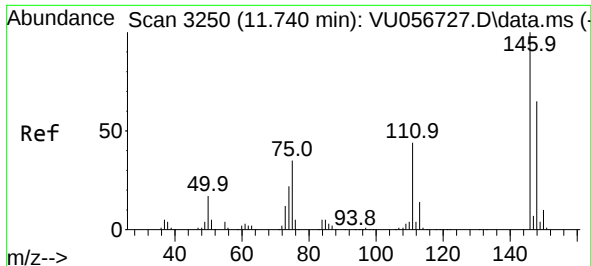
Tgt Ion:105 Resp: 412624

Ion Ratio Lower Upper

105 100

120 43.5 34.2 51.4

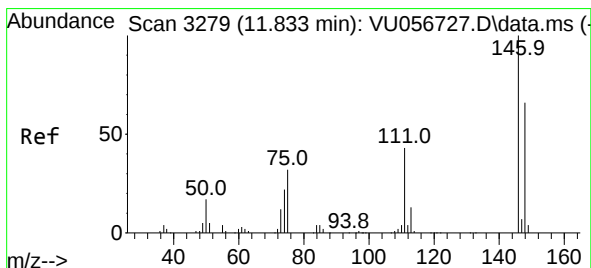
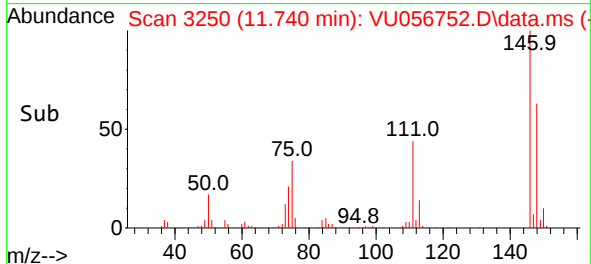
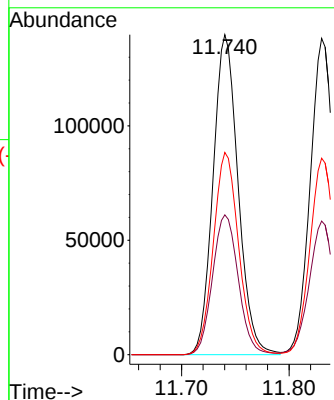
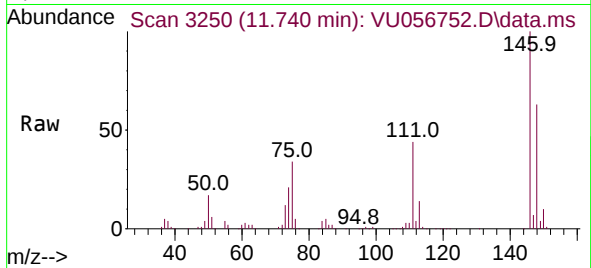




#64
1,3-Dichlorobenzene
Concen: 4.624 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

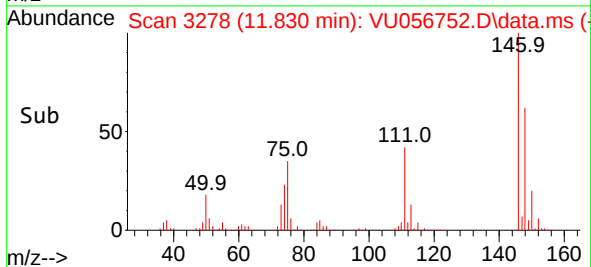
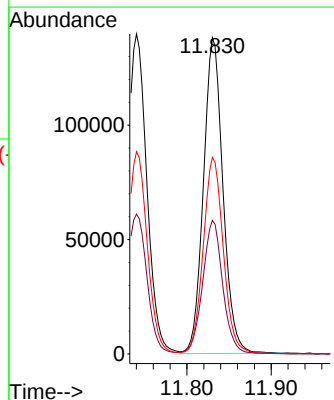
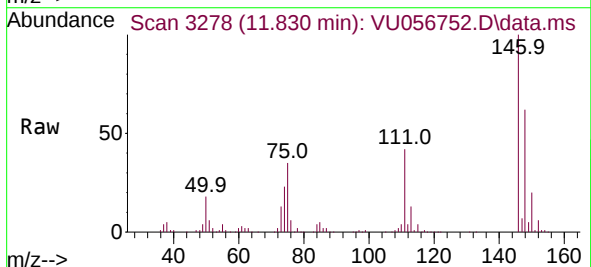
Instrument :
MSVOA_U
ClientSampleId :

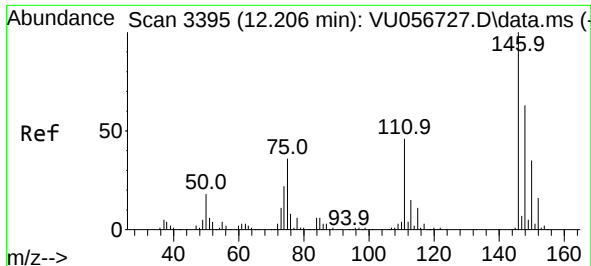
Tgt Ion:146 Resp: 226494
Ion Ratio Lower Upper
146 100
111 43.7 31.7 58.9
148 63.2 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.621 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056752.D
Acq: 11 Dec 2023 23:21

Tgt Ion:146 Resp: 222852
Ion Ratio Lower Upper
146 100
111 42.2 31.2 58.0
148 62.1 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 4.607 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

Instrument :

MSVOA_U

ClientSampleId :

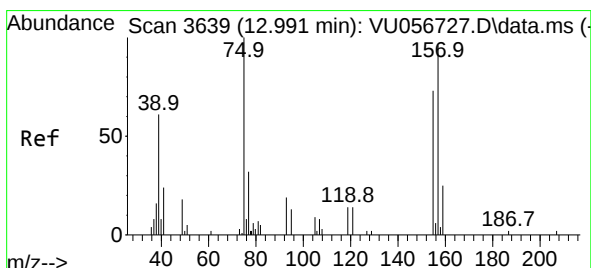
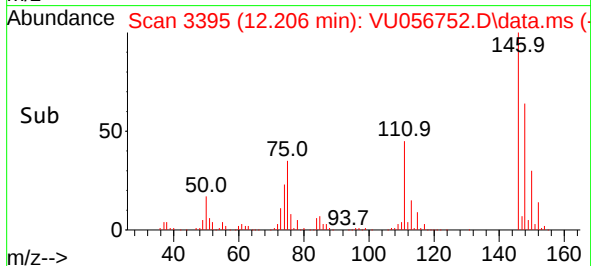
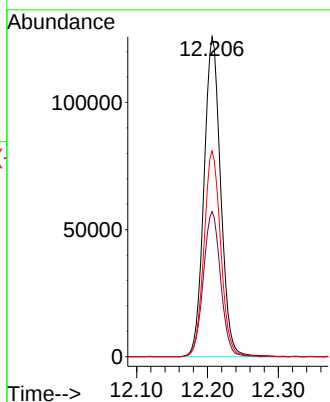
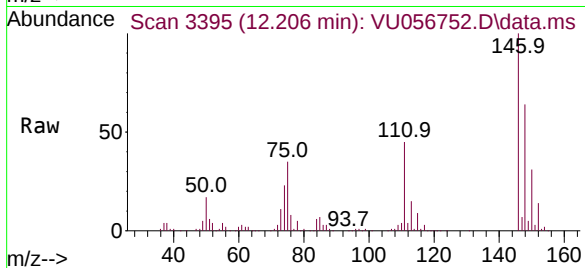
Tgt Ion:146 Resp: 205590

Ion Ratio Lower Upper

146 100

111 45.4 36.9 55.3

148 64.3 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.348 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

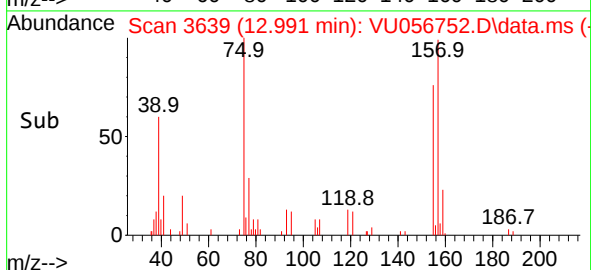
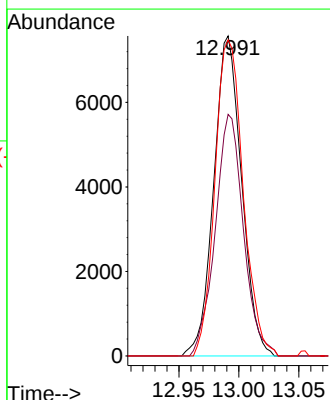
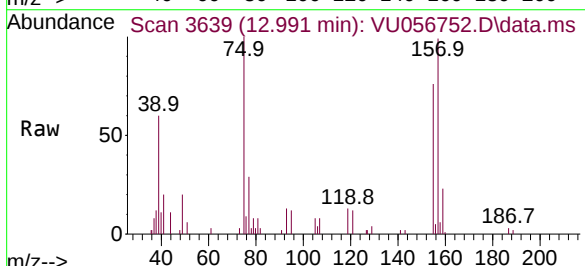
Tgt Ion: 75 Resp: 12217

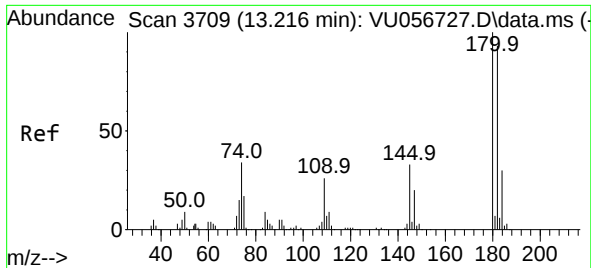
Ion Ratio Lower Upper

75 100

155 75.5 55.4 83.2

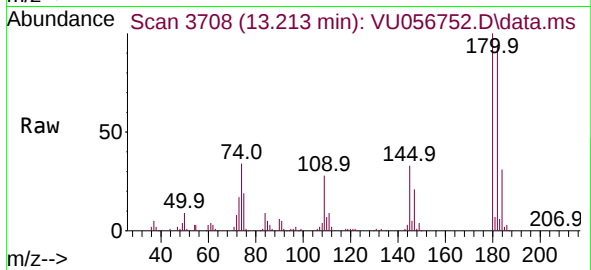
157 98.8 77.3 115.9



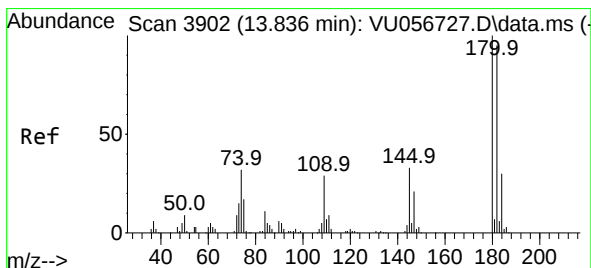
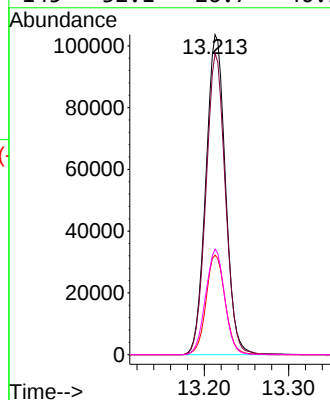
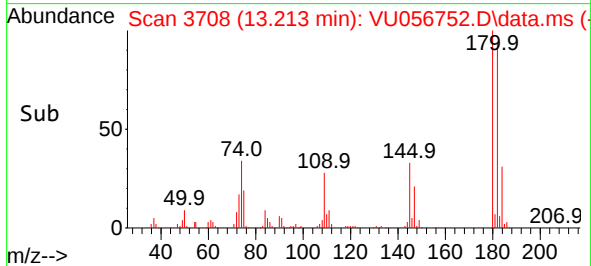


#69
 1,3,5-Trichlorobenzene
 Concen: 4.527 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU056752.D
 Acq: 11 Dec 2023 23:21

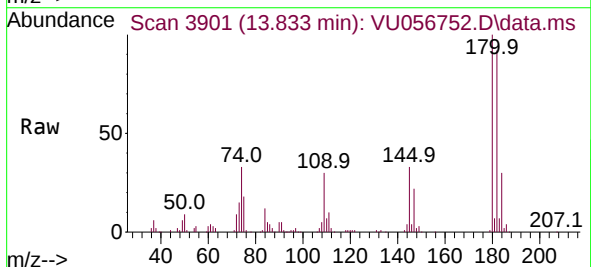
Instrument :
 MSVOA_U
 ClientSampleId :



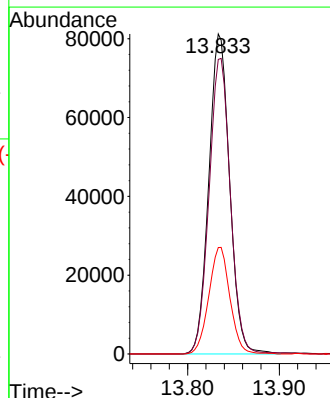
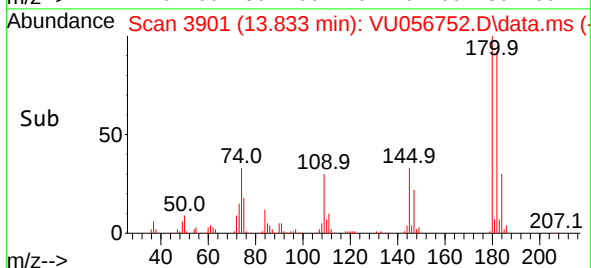
Tgt Ion:180 Resp: 167551
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.2 114.4
 184 30.5 24.6 37.0
 145 32.1 26.7 40.1

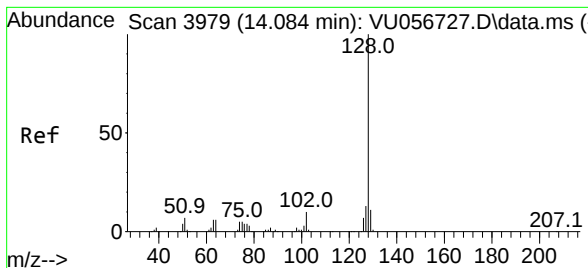


#70
 1,2,4-trichlorobenzene
 Concen: 4.378 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU056752.D
 Acq: 11 Dec 2023 23:21



Tgt Ion:180 Resp: 128306
 Ion Ratio Lower Upper
 180 100
 182 94.2 74.3 111.5
 145 33.8 26.7 40.1





#71

Naphthalene

Concen: 4.280 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

Instrument :

MSVOA_U

ClientSampleId :

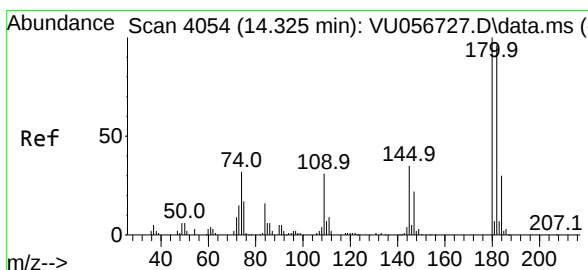
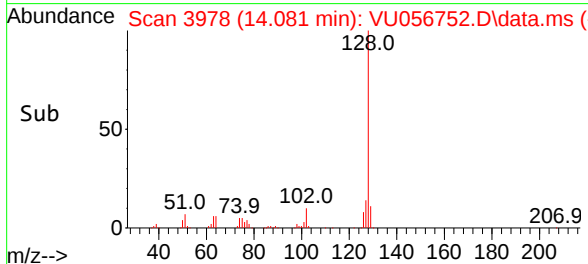
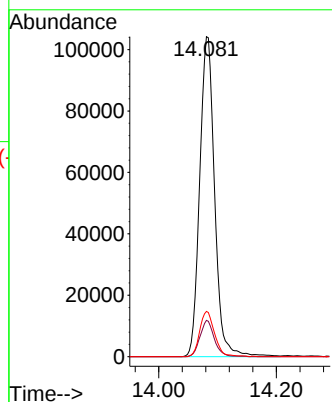
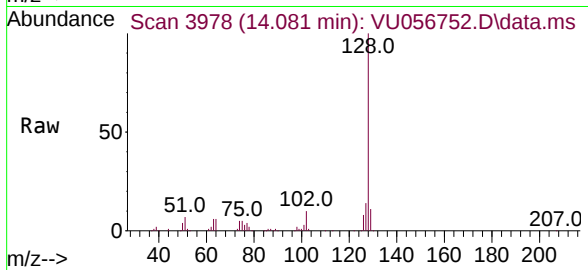
Tgt Ion:128 Resp: 183559

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 14.1 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.322 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU056752.D

Acq: 11 Dec 2023 23:21

Tgt Ion:180 Resp: 107548

Ion Ratio Lower Upper

180 100

182 95.3 75.0 112.6

145 36.2 28.6 42.8

