

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031924\
 Data File : VU058169.D
 Acq On : 19 Mar 2024 22:38
 Operator : MD/SY
 Sample : P1796-05MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 20 05:24:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 20 05:19:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	125534	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	122065	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	35931	3.978	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.911	69	33092	4.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.563	65	16447	4.208	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.627	46	91135	61.240	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.480%
24) Chloroform-d	5.055	84	84048	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.695	65	38961	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.721	84	156720	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.682	67	49657	4.592	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.891	98	139861	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.177	79	15843	4.260	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.627	63	78430	62.817	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.640%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	35417	5.341	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	45878	4.601	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	32085	4.218	ug/L	99
3) Chloromethane	1.518	50	41206	4.633	ug/L	100
5) Vinyl chloride	1.602	62	46587	4.870	ug/L	100
6) Bromomethane	1.856	94	20407	4.050	ug/L	99
8) Chloroethane	1.930	64	30875	5.125	ug/L	100
9) Trichlorofluoromethane	2.136	101	69381	5.091	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	43253	5.076	ug/L	97
12) 1,1-Dichloroethene	2.576	96	42618	5.627	ug/L	87
13) Acetone	2.640	43	66348	59.908	ug/L	96
14) Carbon disulfide	2.788	76	95623	4.083	ug/L	98
15) Methyl Acetate	2.952	43	14393	5.856	ug/L	99
16) Methylene chloride	3.039	84	45413	4.933	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	100291	5.599	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	41477	5.027	ug/L	95
19) 1,1-Dichloroethane	3.862	63	91545	5.562	ug/L	100
21) 2-Butanone	4.705	43	103860	59.516	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	53200	5.862	ug/L	100
23) Bromochloromethane	4.968	128	19762	5.864	ug/L	97
25) Chloroform	5.081	83	96858	5.765	ug/L	100

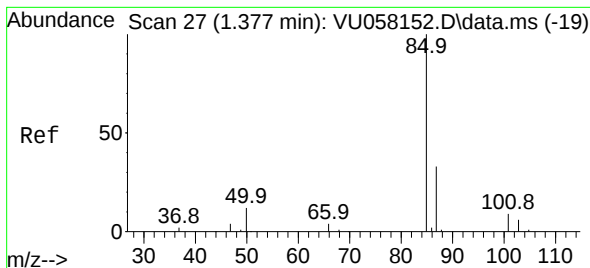
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031924\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	52747	5.670	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	75225	5.178	ug/L	100
30) Cyclohexane	5.383	56	64447	4.393	ug/L	99
31) Carbon tetrachloride	5.518	117	69922	5.539	ug/L	99
33) Benzene	5.766	78	193469	5.165	ug/L	100
34) Trichloroethene	6.534	95	80723	8.191	ug/L	95
35) Methylcyclohexane	6.756	83	65214	4.317	ug/L	98
37) 1,2-Dichloropropane	6.782	63	52842	5.471	ug/L	99
38) Bromodichloromethane	7.100	83	64080	5.468	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	67607	5.080	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	276728	62.281	ug/L	99
42) Toluene	7.962	91	204723	5.248	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	55052	5.191	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	33606	5.868	ug/L	98
47) Tetrachloroethene	8.547	164	33443	4.891	ug/L	98
48) 2-Hexanone	8.679	43	197000	60.458	ug/L	98
49) Dibromochloromethane	8.804	129	38379	5.661	ug/L	98
50) 1,2-Dibromoethane	8.917	107	29889	5.881	ug/L	93
51) Chlorobenzene	9.441	112	129321	5.287	ug/L	96
52) Ethylbenzene	9.563	91	221529	5.075	ug/L	99
53) m,p-Xylene	9.688	106	78312	5.021	ug/L	97
54) o-Xylene	10.093	106	79579	5.120	ug/L	96
55) Styrene	10.110	104	129783	5.320	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	39770	5.895	ug/L	94
59) Bromoform	10.286	173	18646	5.521	ug/L	97
60) Isopropylbenzene	10.476	105	203231	5.040	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	29702	5.988	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	169452	4.982	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	167129	4.979	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	95785	5.226	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	91214	5.084	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	87997	5.499	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	6052	6.150	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	65852	4.994	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	50420	5.089	ug/L	97
71) Naphthalene	14.080	128	68802	5.085	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	41480	5.301	ug/L	98

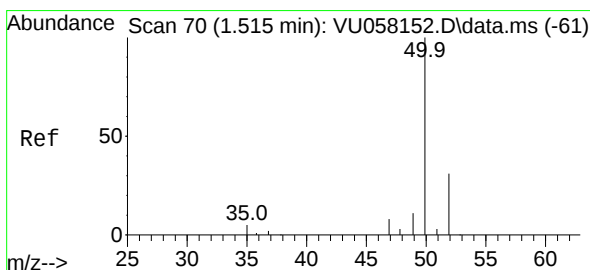
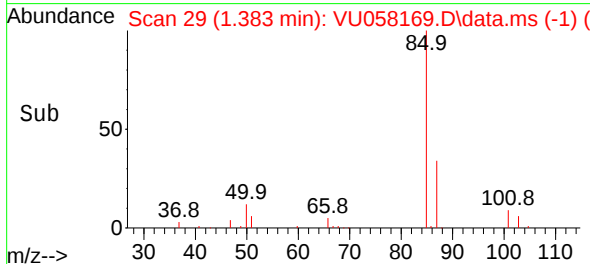
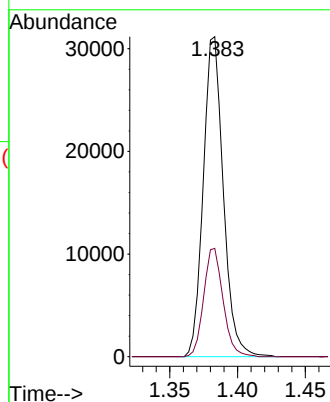
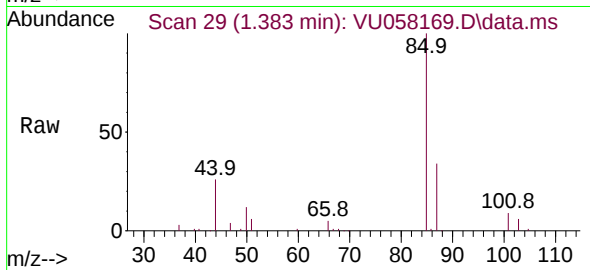
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#2
 Dichlorodifluoromethane
 Concen: 4.218 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VU058169.D
 Acq: 19 Mar 2024 22:38

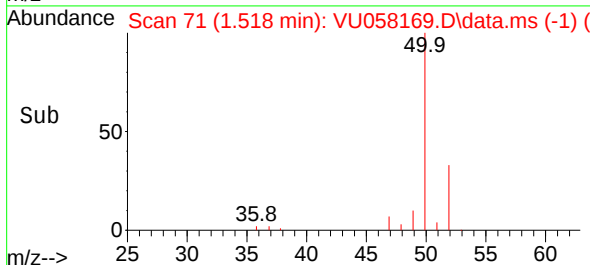
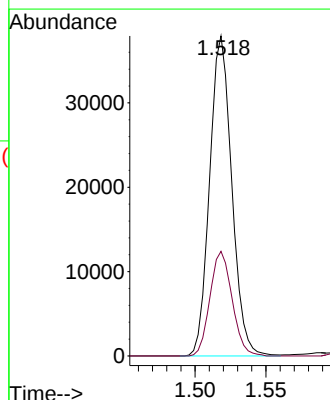
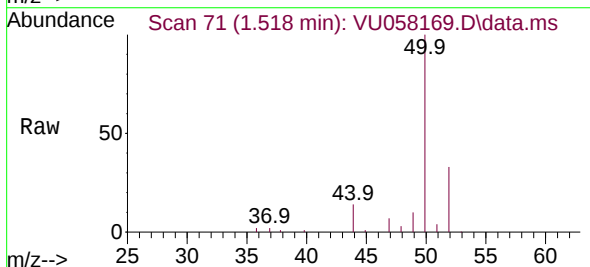
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 MSVOA_U
 ClientSampleId :

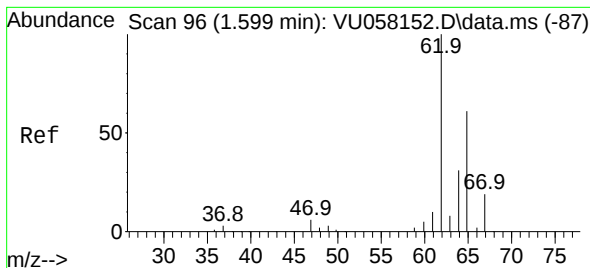
Tgt Ion: 85 Resp: 32085
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.6



#3
 Chloromethane
 Concen: 4.633 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU058169.D
 Acq: 19 Mar 2024 22:38

Tgt Ion: 50 Resp: 41206
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.1 42.9





#5

Vinyl chloride

Concen: 4.870 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

Instrument :

MSVOA_U

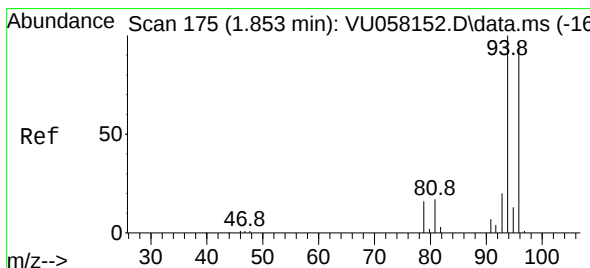
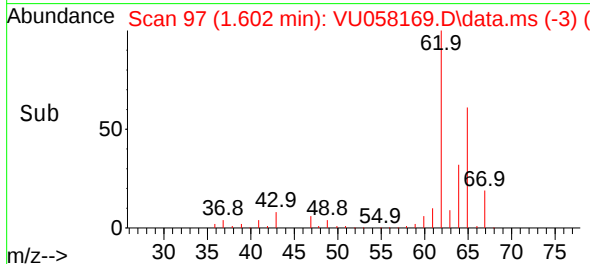
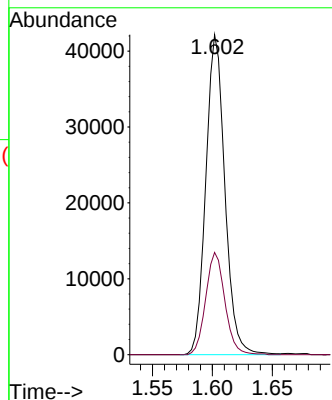
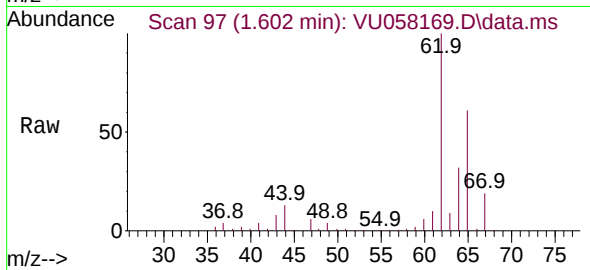
ClientSampleId :

Tgt Ion: 62 Resp: 46587

Ion Ratio Lower Upper

62 100

64 31.9 22.5 41.7



#6

Bromomethane

Concen: 4.050 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU058169.D

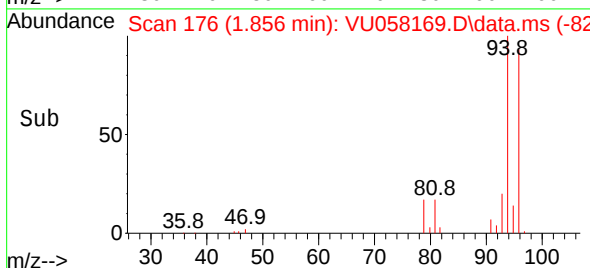
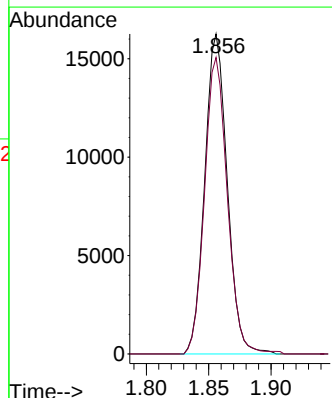
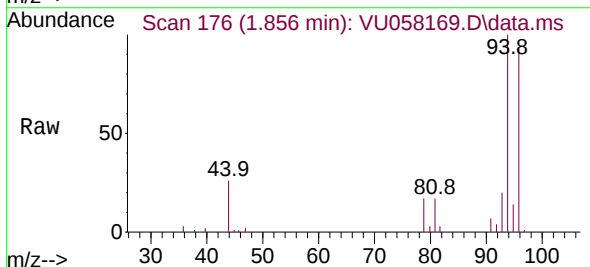
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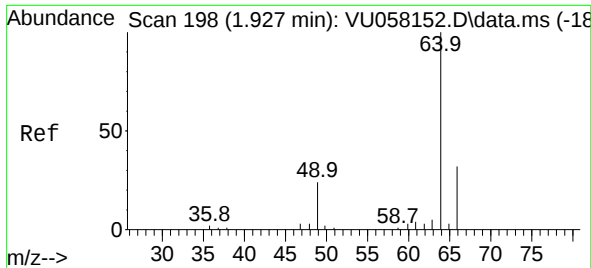
Tgt Ion: 94 Resp: 20407

Ion Ratio Lower Upper

94 100

96 92.7 65.2 121.2

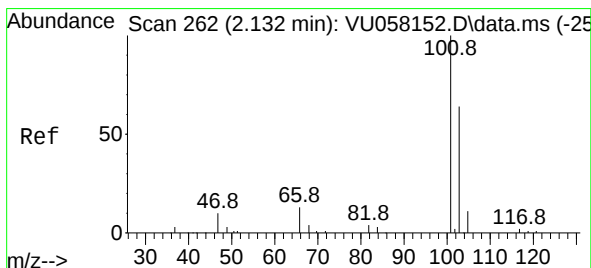
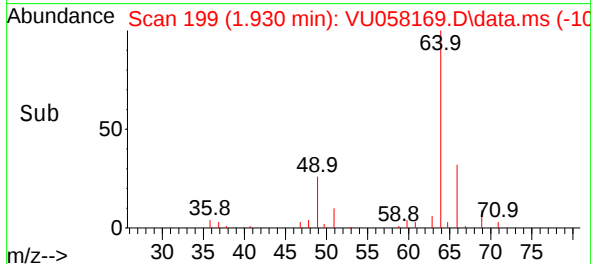
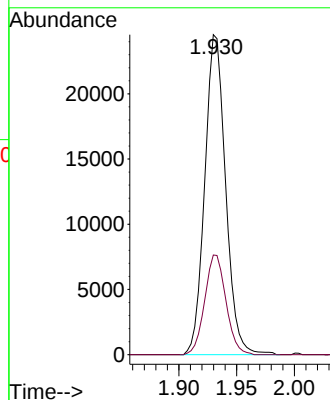
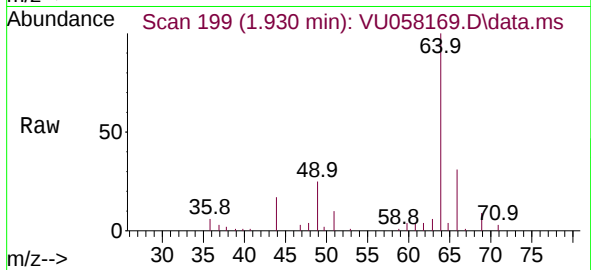




#8
Chloroethane
Concen: 5.125 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

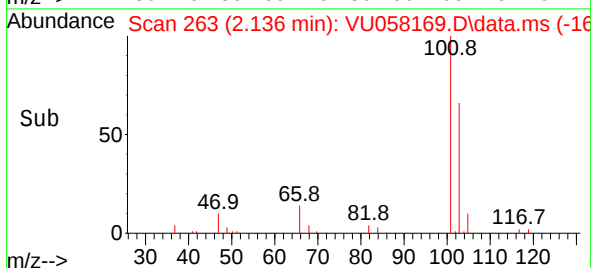
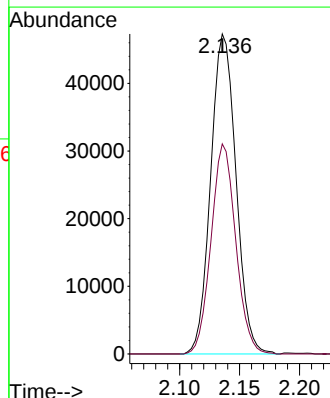
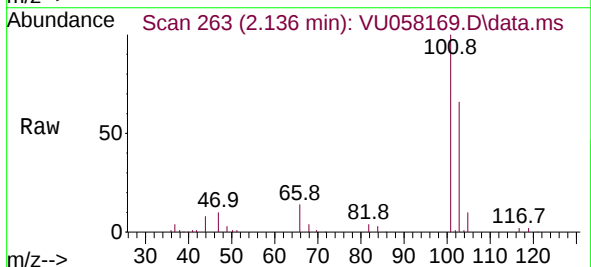
Instrument :
MSVOA_U
ClientSampleId :

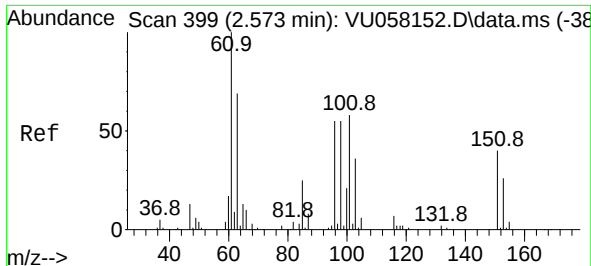
Tgt Ion: 64 Resp: 30875
Ion Ratio Lower Upper
64 100
66 29.9 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.091 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

Tgt Ion:101 Resp: 69381
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

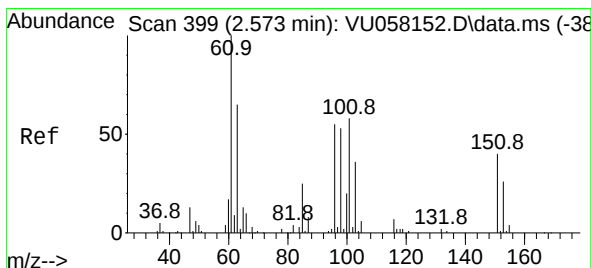
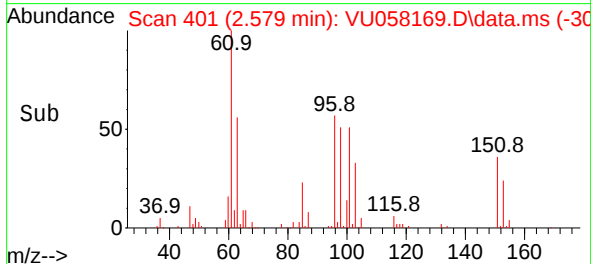
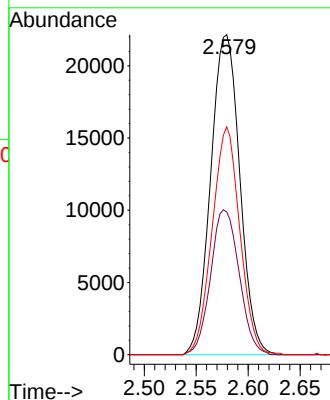
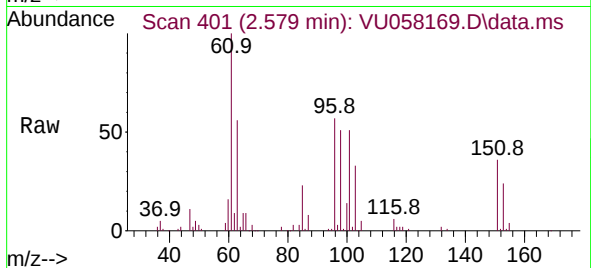




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.076 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VU058169.D
 Acq: 19 Mar 2024 22:38

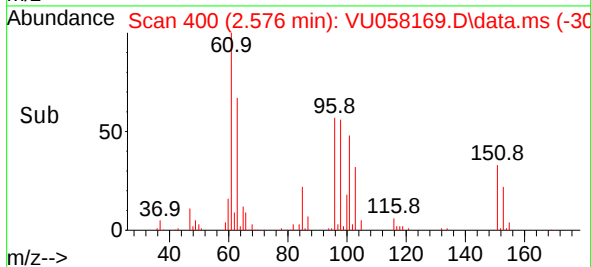
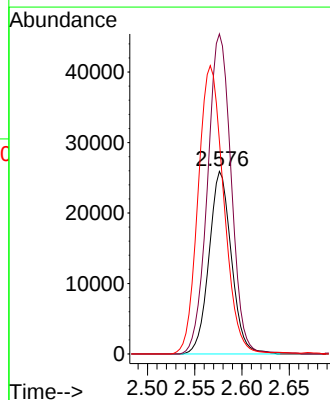
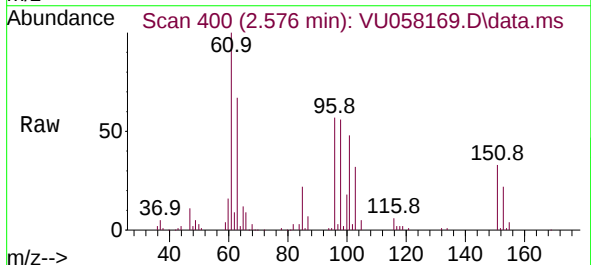
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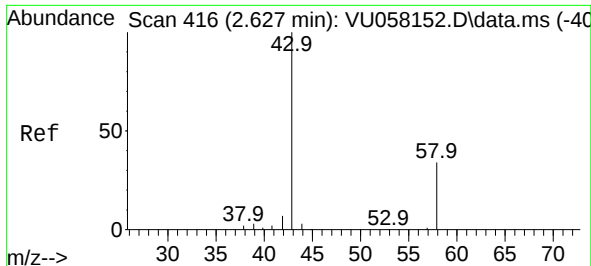
Tgt Ion:101 Resp: 43253
 Ion Ratio Lower Upper
 101 100
 85 44.3 37.3 55.9
 151 67.7 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.627 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU058169.D
 Acq: 19 Mar 2024 22:38

Tgt Ion: 96 Resp: 42618
 Ion Ratio Lower Upper
 96 100
 61 175.2 131.8 244.8
 63 116.7 98.1 182.1





#13

Acetone

Concen: 59.908 ug/L

RT: 2.640 min Scan# 416

Delta R.T. 0.013 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

Instrument :

MSVOA_U

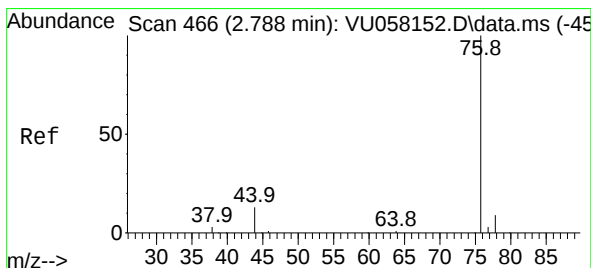
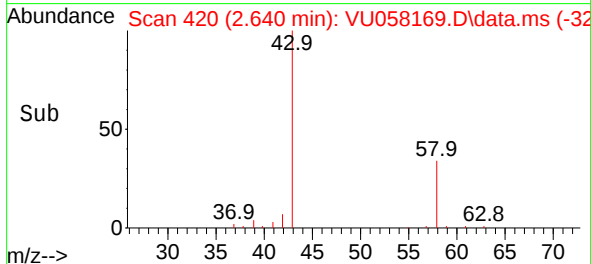
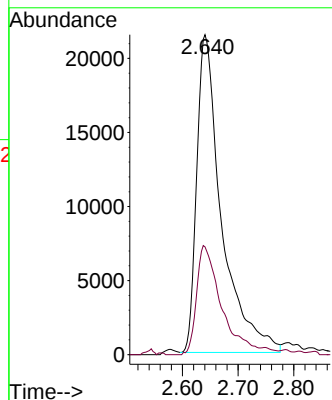
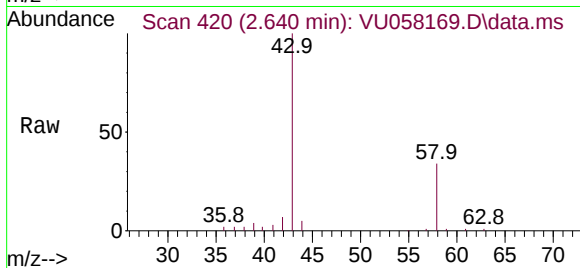
ClientSampleId :

Tgt Ion: 43 Resp: 66348

Ion Ratio Lower Upper

43 100

58 34.1 0.0 63.6



#14

Carbon disulfide

Concen: 4.083 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU058169.D

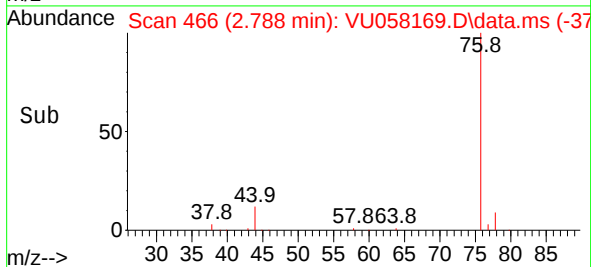
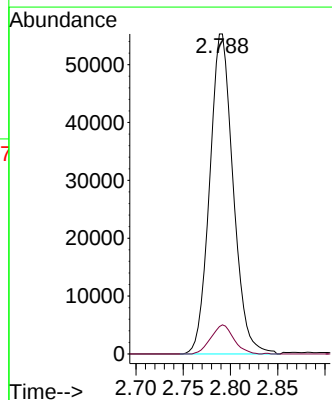
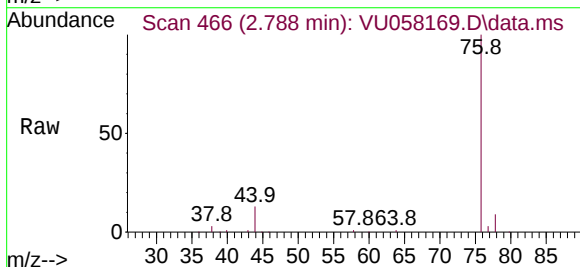
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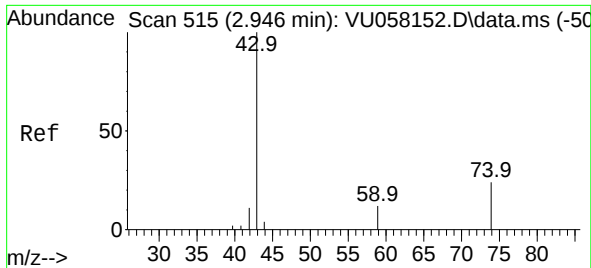
Tgt Ion: 76 Resp: 95623

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9

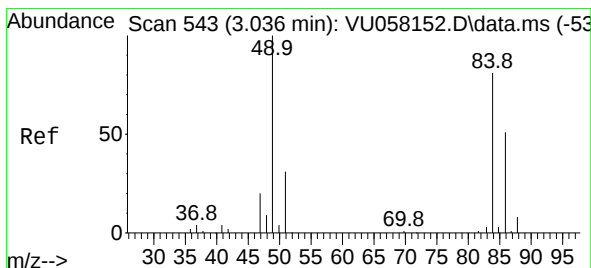
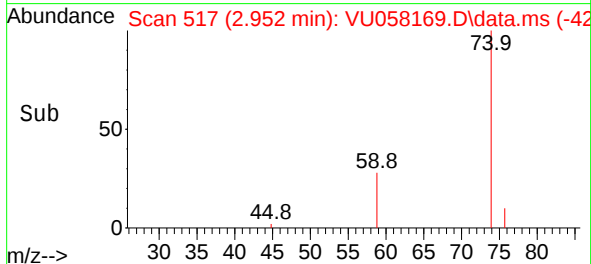
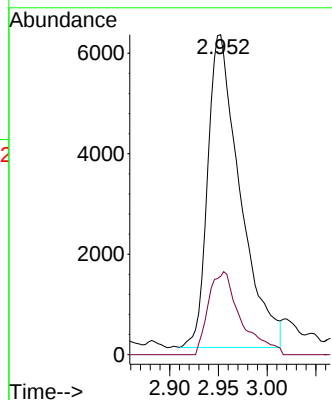
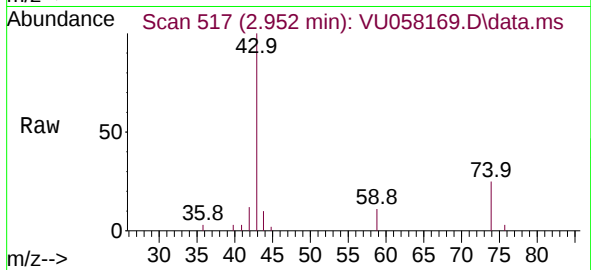




#15
Methyl Acetate
Concen: 5.856 ug/L
RT: 2.952 min Scan# 515
Delta R.T. 0.006 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

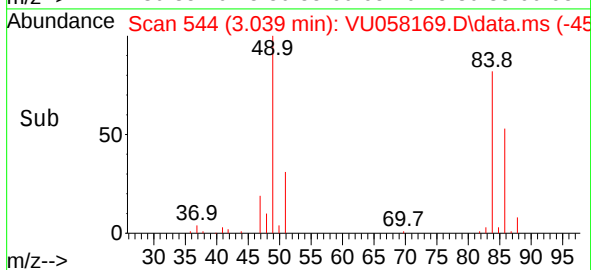
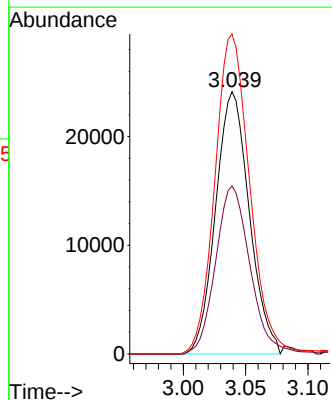
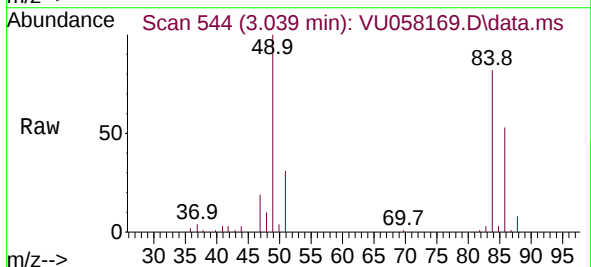
Instrument :
MSVOA_U
ClientSampleId :

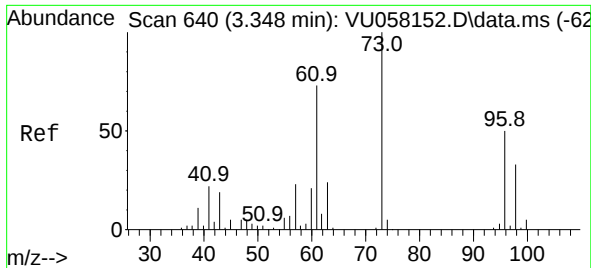
Tgt Ion: 43 Resp: 14393
Ion Ratio Lower Upper
43 100
74 26.5 20.6 31.0



#16
Methylene chloride
Concen: 4.933 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

Tgt Ion: 84 Resp: 45413
Ion Ratio Lower Upper
84 100
86 64.1 44.4 82.4
49 122.1 88.8 165.0

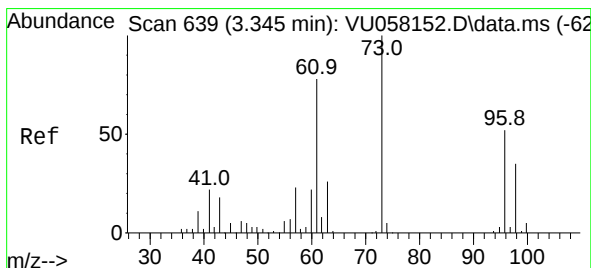
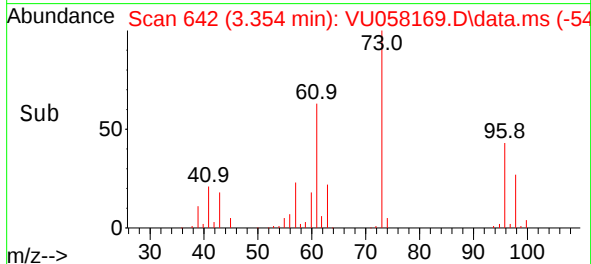
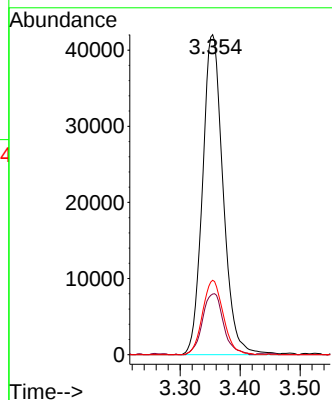
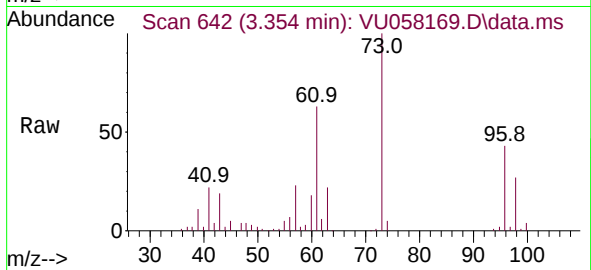




#17
Methyl tert-butyl Ether
Concen: 5.599 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

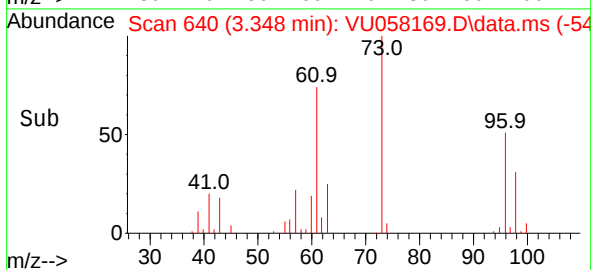
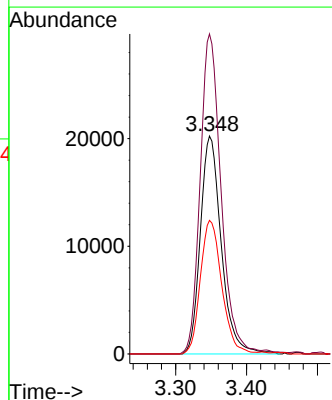
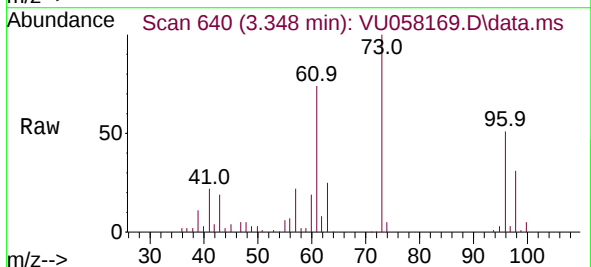
Instrument :
MSVOA_U
ClientSampleId :

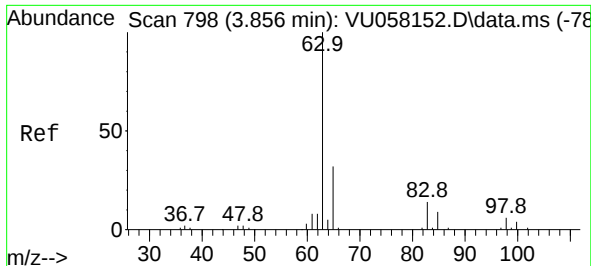
Tgt Ion: 73 Resp: 100291
Ion Ratio Lower Upper
73 100
43 19.5 16.2 24.4
57 23.5 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.027 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

Tgt Ion: 96 Resp: 41477
Ion Ratio Lower Upper
96 100
61 146.8 107.7 199.9
98 61.3 45.8 85.0

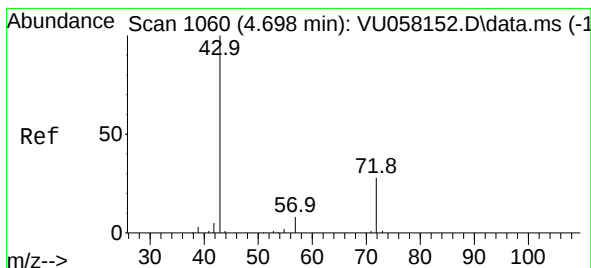
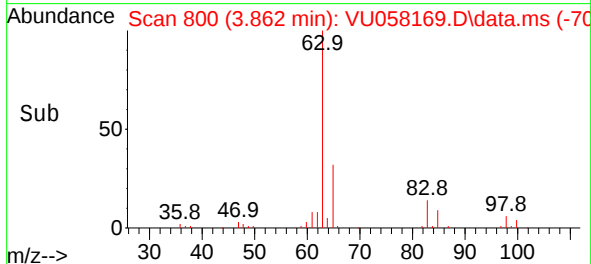
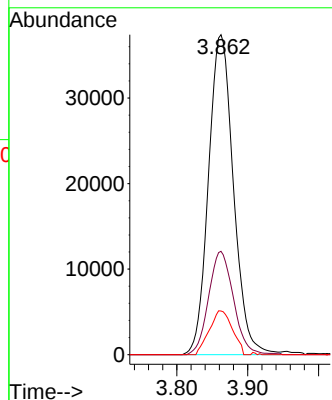
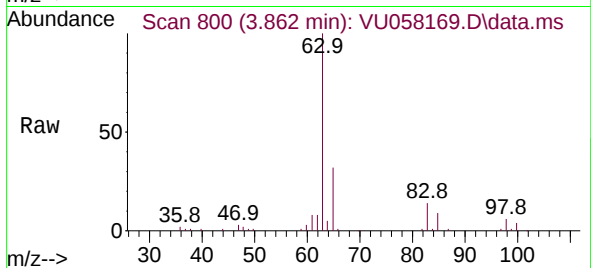




#19
1,1-Dichloroethane
Concen: 5.562 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.006 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

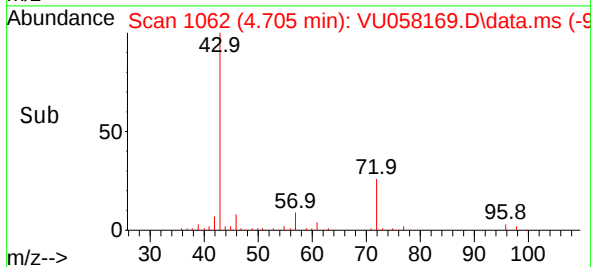
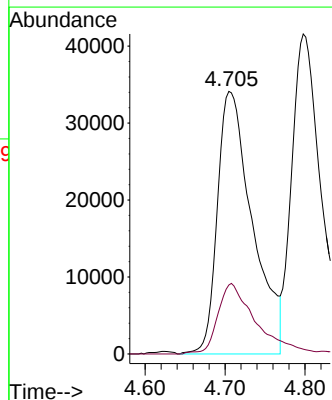
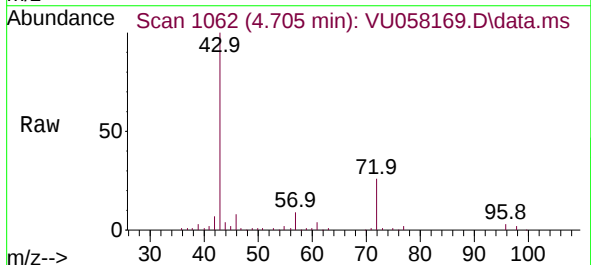
Instrument :
MSVOA_U
ClientSampleId :

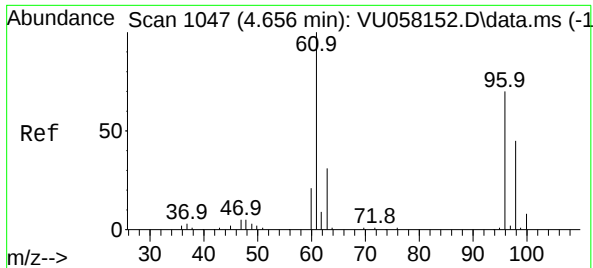
Tgt Ion: 63 Resp: 91545
Ion Ratio Lower Upper
63 100
65 31.5 22.1 41.1
83 13.1 9.0 16.6



#21
2-Butanone
Concen: 59.516 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.006 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

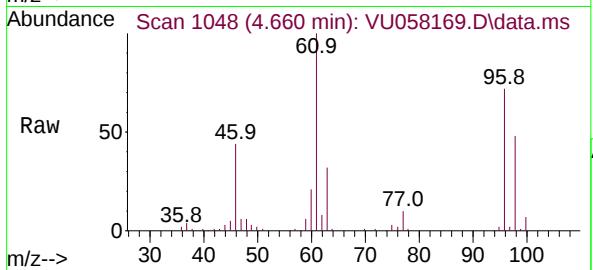
Tgt Ion: 43 Resp: 103860
Ion Ratio Lower Upper
43 100
72 29.1 13.0 39.0



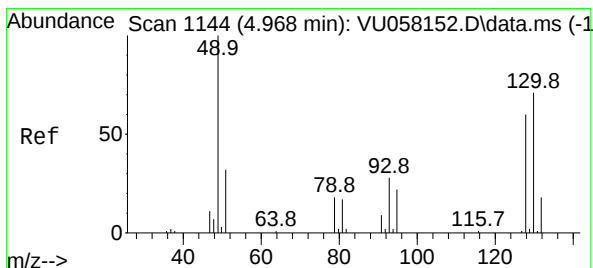
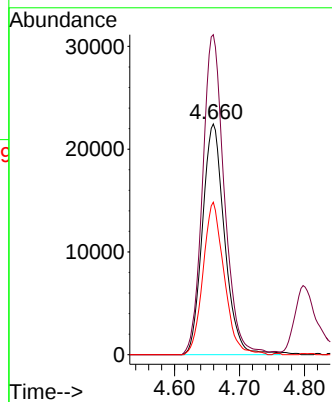
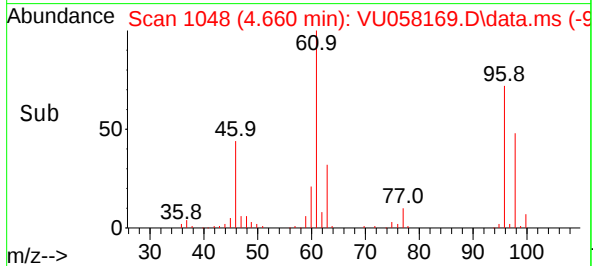


#22
cis-1,2-Dichloroethene
Concen: 5.862 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

Instrument :
MSVOA_U
ClientSampleId :

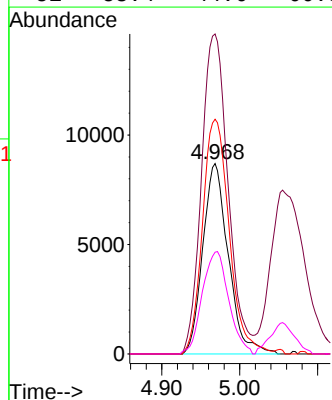
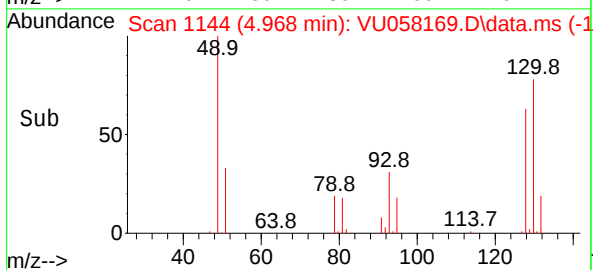
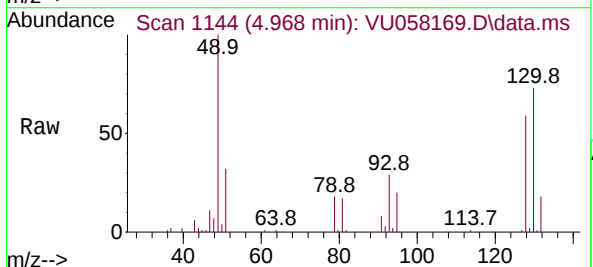


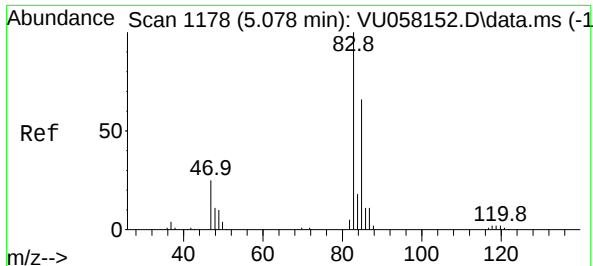
Tgt Ion: 96 Resp: 53200
Ion Ratio Lower Upper
96 100
61 138.7 97.2 180.4
98 66.1 45.5 84.5



#23
Bromochloromethane
Concen: 5.864 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

Tgt Ion:128 Resp: 19762
Ion Ratio Lower Upper
128 100
49 168.1 122.0 226.6
130 123.3 86.6 160.8
51 53.4 44.6 66.8





#25

Chloroform

Concen: 5.765 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

Instrument :

MSVOA_U

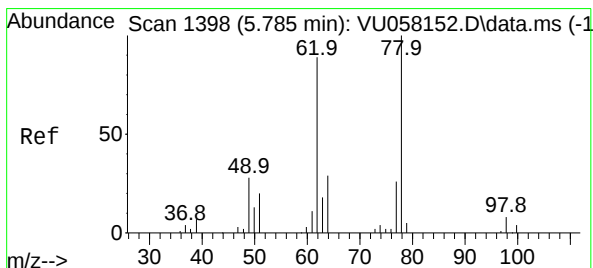
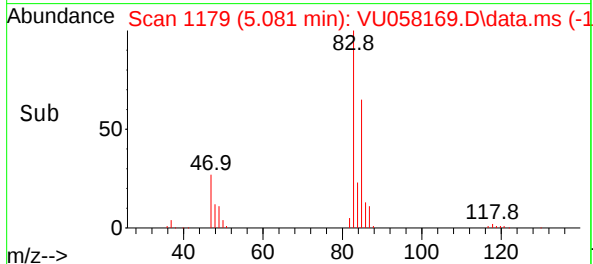
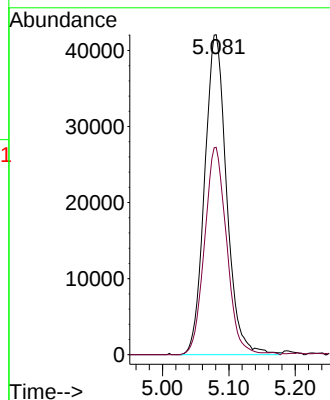
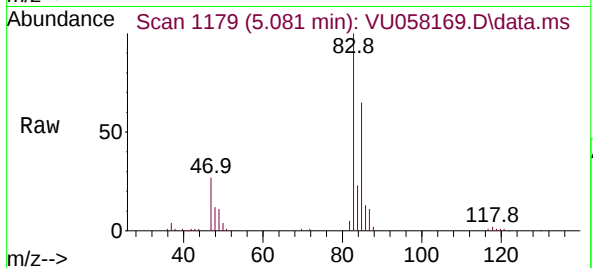
ClientSampleId :

Tgt Ion: 83 Resp: 96858

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.670 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU058169.D

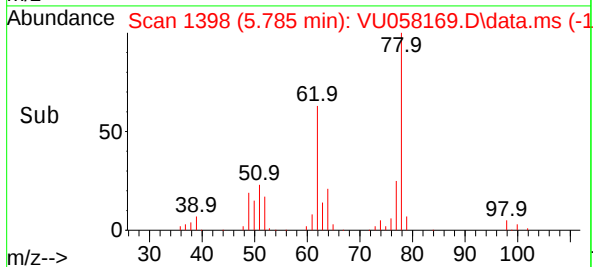
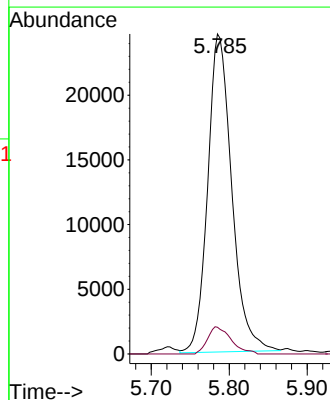
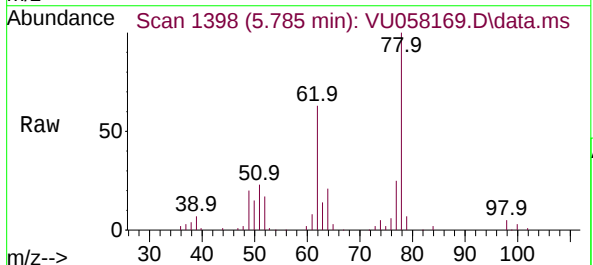
Acq: 19 Mar 2024 22:38

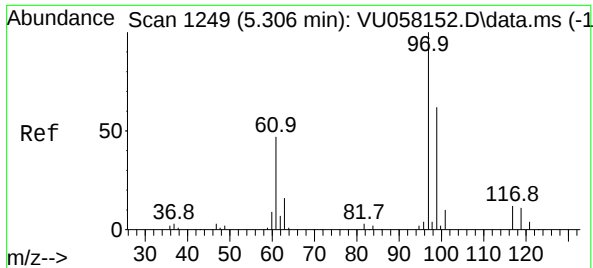
Tgt Ion: 62 Resp: 52747

Ion Ratio Lower Upper

62 100

98 8.4 7.0 10.4

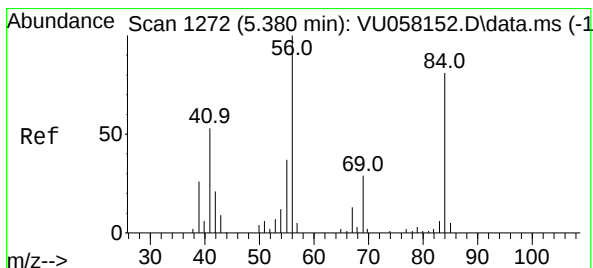
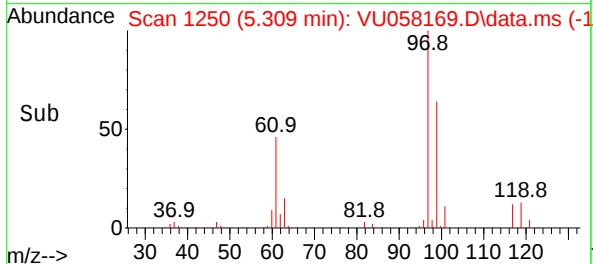
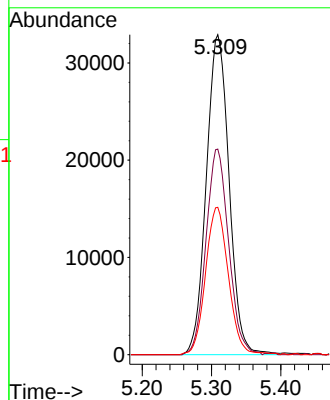
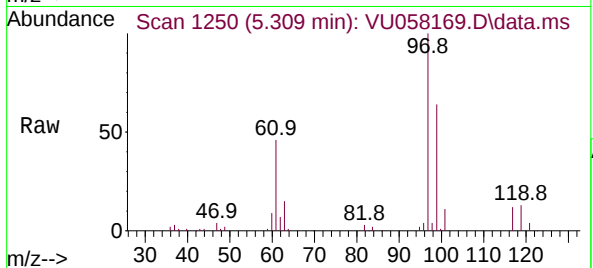




#29
1,1,1-Trichloroethane
Concen: 5.178 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

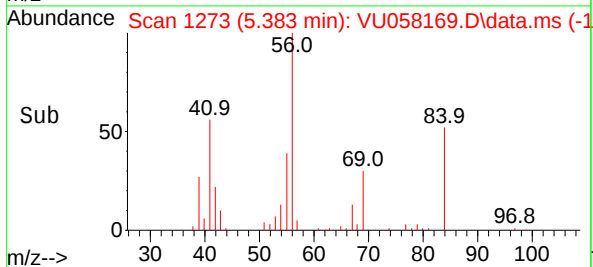
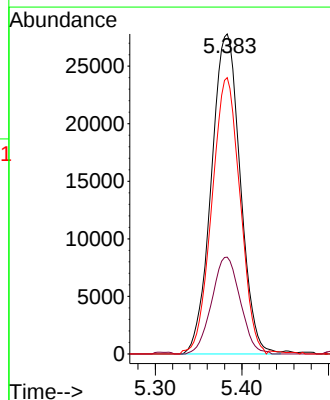
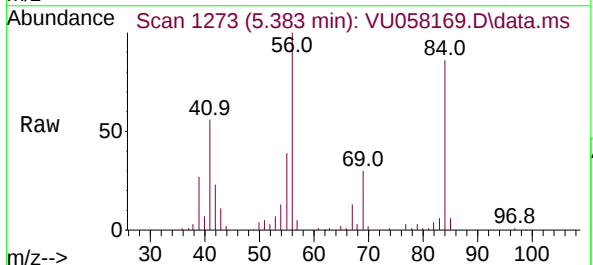
Instrument :
MSVOA_U
ClientSampleId :

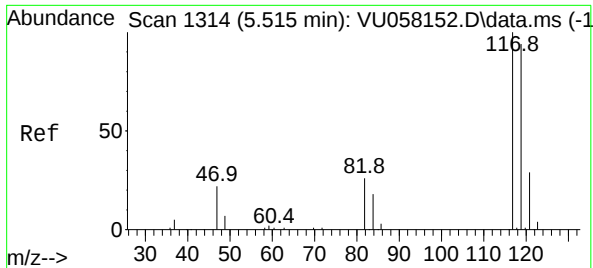
Tgt Ion: 97	Resp: 75225
Ion Ratio	Lower Upper
97 100	
99 63.8	51.2 76.8
61 46.3	37.4 56.2



#30
Cyclohexane
Concen: 4.393 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

Tgt Ion: 56	Resp: 64447
Ion Ratio	Lower Upper
56 100	
69 29.8	24.2 36.2
84 84.1	66.6 99.8

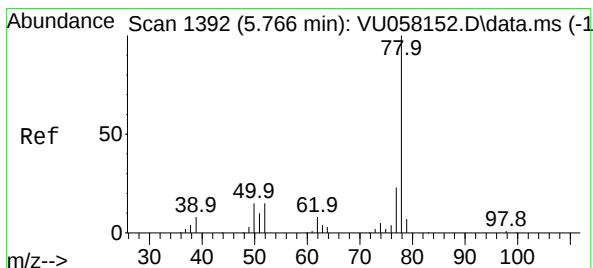
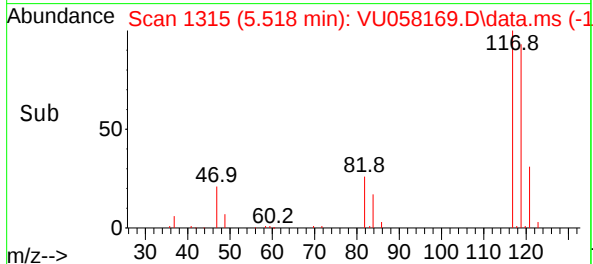
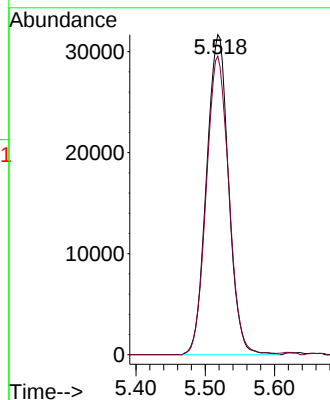
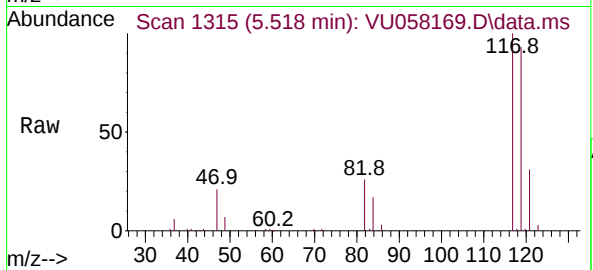




#31
Carbon tetrachloride
Concen: 5.539 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

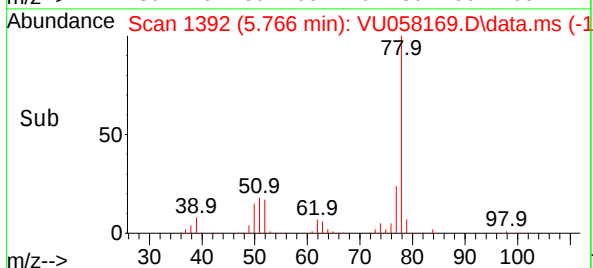
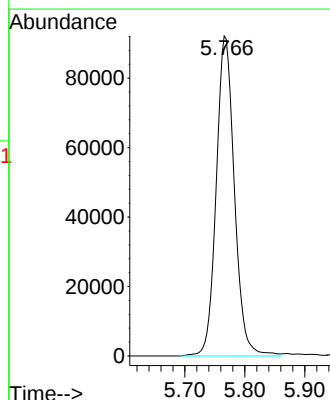
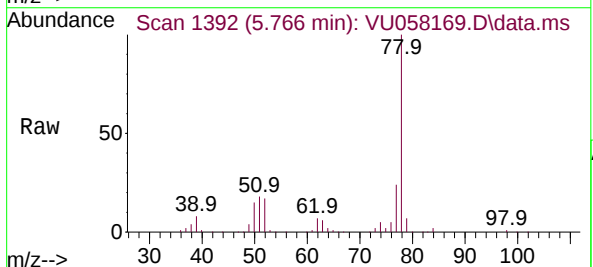
Instrument :
MSVOA_U
ClientSampleId :

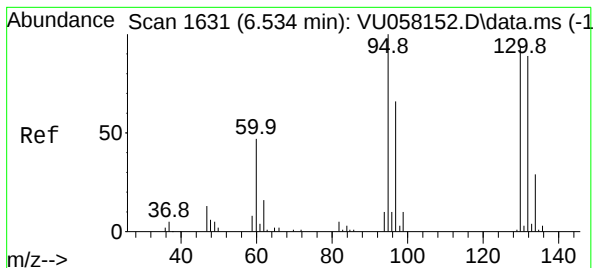
Tgt Ion:117 Resp: 69922
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8



#33
Benzene
Concen: 5.165 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

Tgt Ion: 78 Resp: 193469





#34

Trichloroethene

Concen: 8.191 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 80723

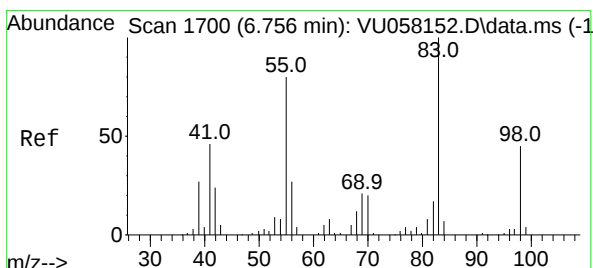
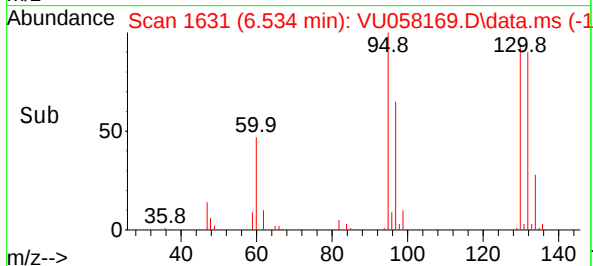
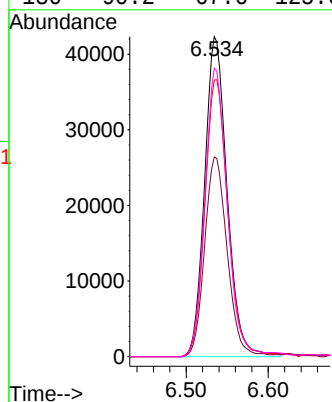
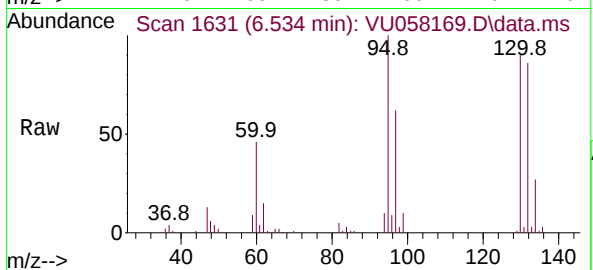
Ion Ratio Lower Upper

95 100

97 62.4 45.3 84.1

132 86.4 63.1 117.1

130 90.2 67.6 125.6



#35

Methylcyclohexane

Concen: 4.317 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

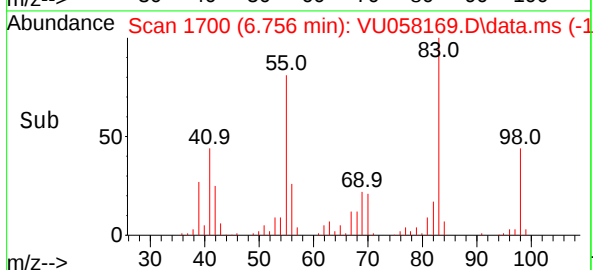
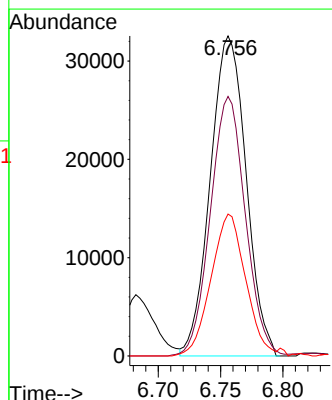
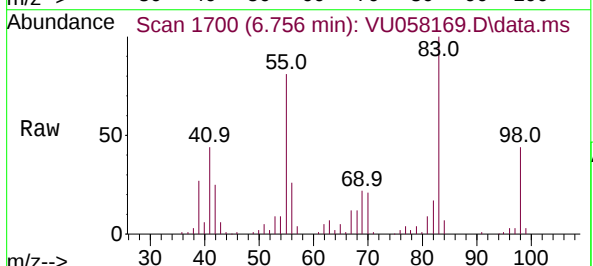
Tgt Ion: 83 Resp: 65214

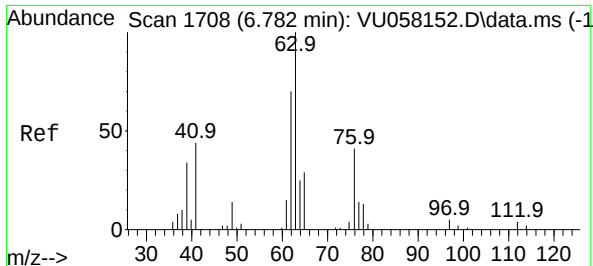
Ion Ratio Lower Upper

83 100

55 79.2 63.0 94.6

98 42.6 36.2 54.4

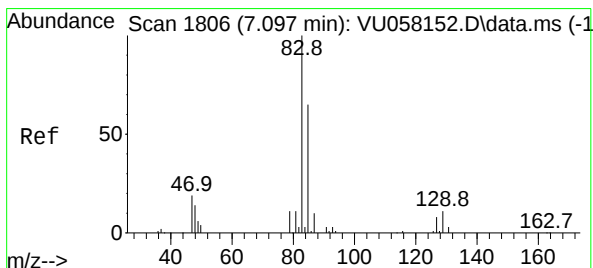
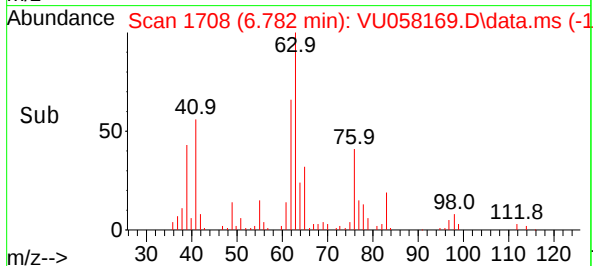
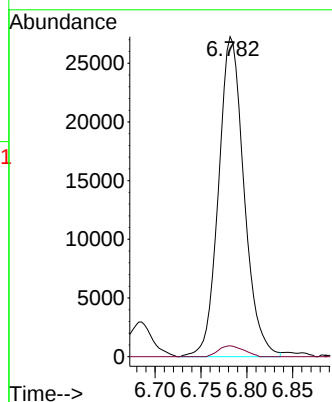
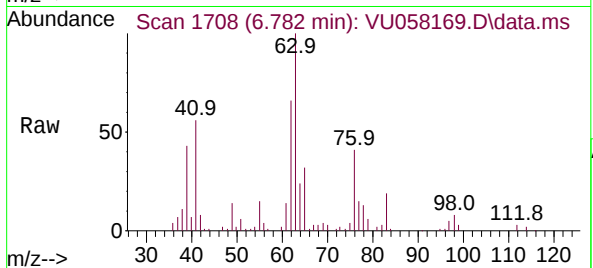




#37
1,2-Dichloropropane
Concen: 5.471 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

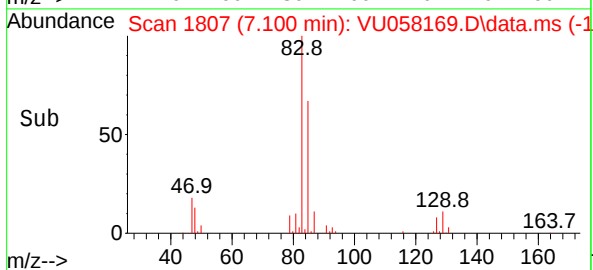
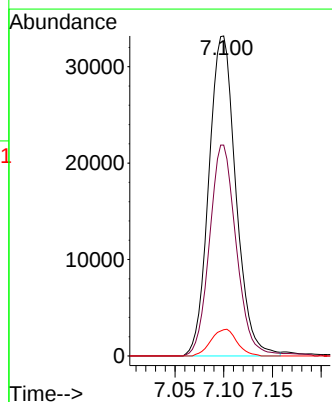
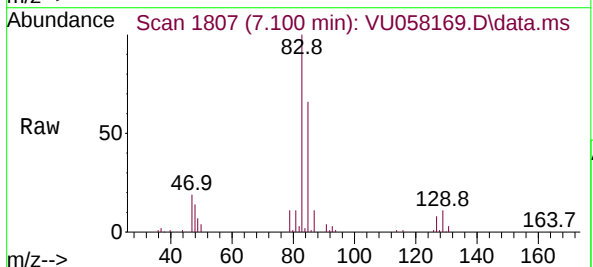
Instrument :
MSVOA_U
ClientSampleId :

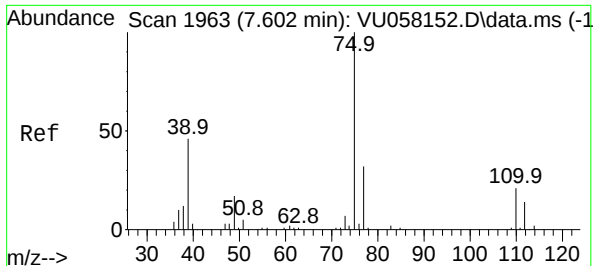
Tgt Ion: 63 Resp: 52842
Ion Ratio Lower Upper
63 100
112 3.4 3.0 4.4



#38
Bromodichloromethane
Concen: 5.468 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

Tgt Ion: 83 Resp: 64080
Ion Ratio Lower Upper
83 100
85 65.9 44.5 82.7
127 8.2 6.6 9.8

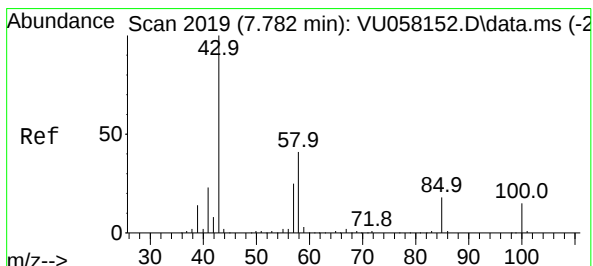
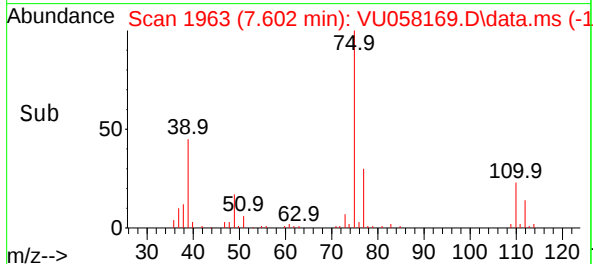
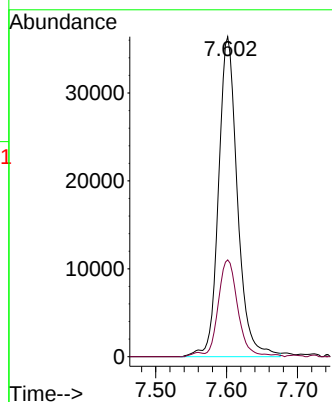
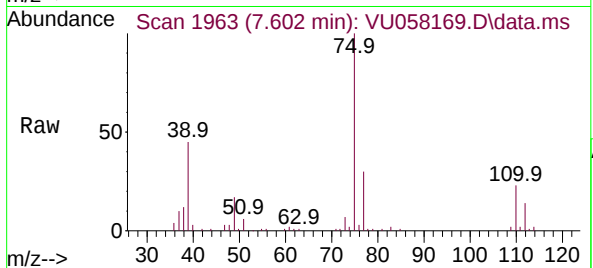




#39
 cis-1,3-Dichloropropene
 Concen: 5.080 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058169.D
 Acq: 19 Mar 2024 22:38

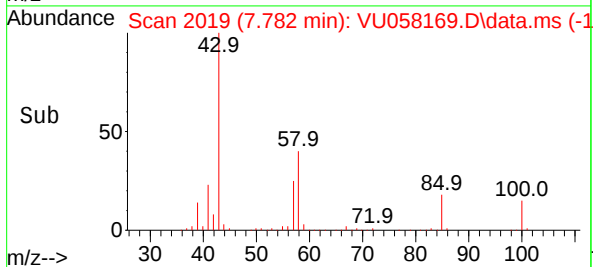
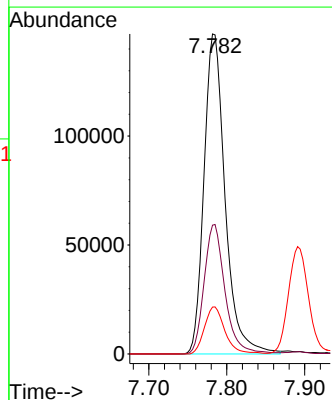
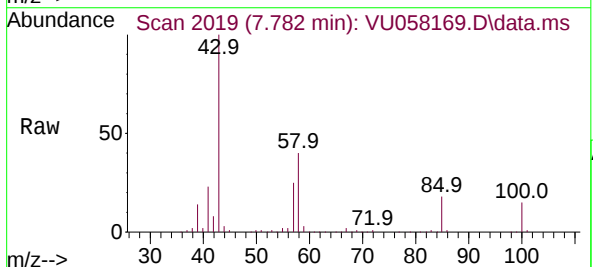
Instrument :
 MSVOA_U
 ClientSampleId :

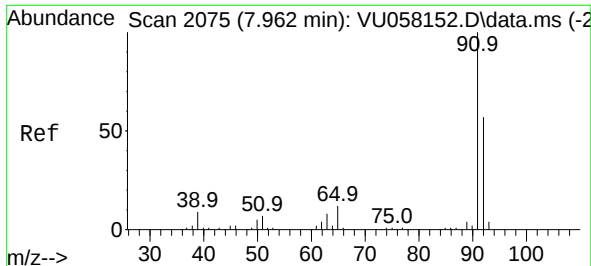
Tgt Ion: 75 Resp: 67607
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 62.281 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU058169.D
 Acq: 19 Mar 2024 22:38

Tgt Ion: 43 Resp: 276728
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.7 47.5
 100 14.3 11.3 16.9





#42

Toluene

Concen: 5.248 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

Instrument :

MSVOA_U

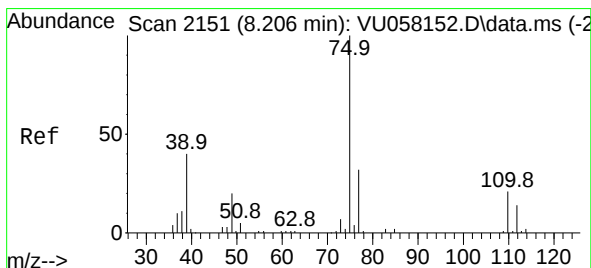
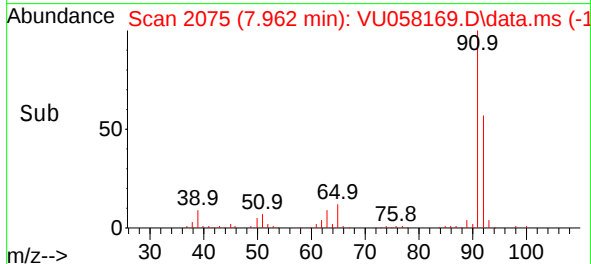
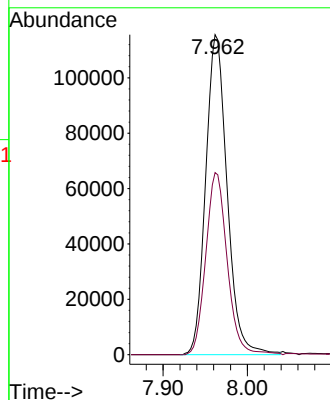
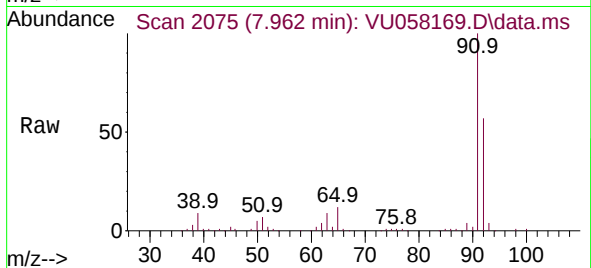
ClientSampleId :

Tgt Ion: 91 Resp: 204723

Ion Ratio Lower Upper

91 100

92 56.9 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.191 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU058169.D

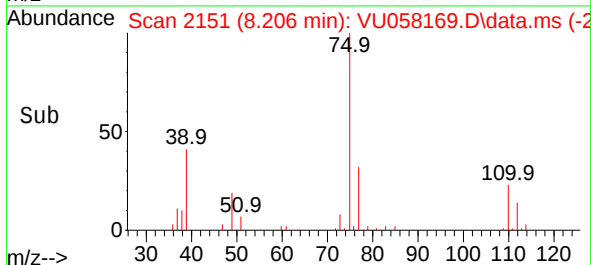
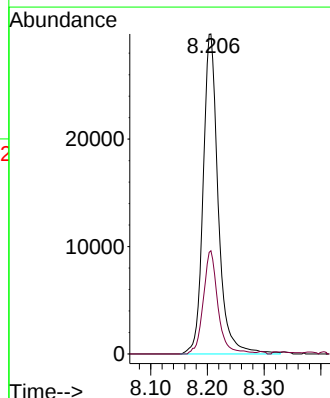
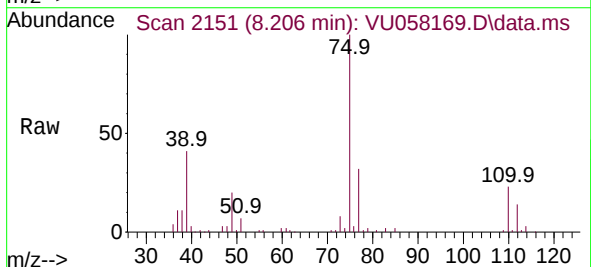
Acq: 19 Mar 2024 22:38

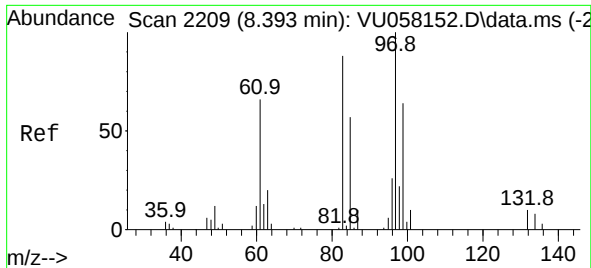
Tgt Ion: 75 Resp: 55052

Ion Ratio Lower Upper

75 100

77 32.2 23.1 42.9

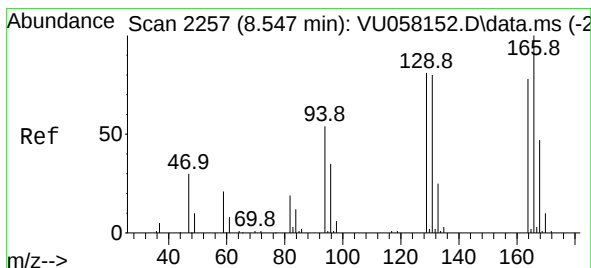
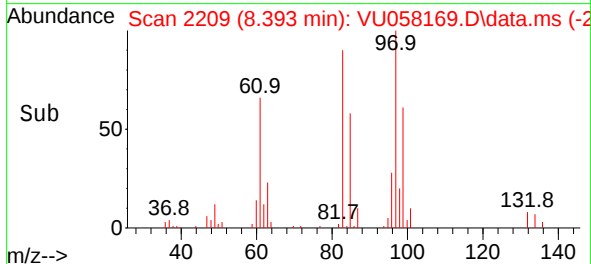
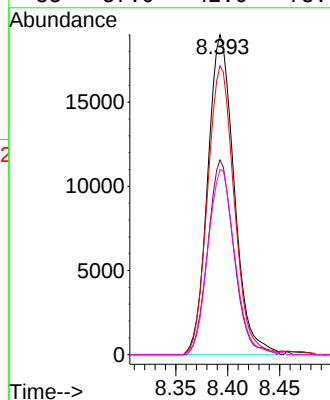
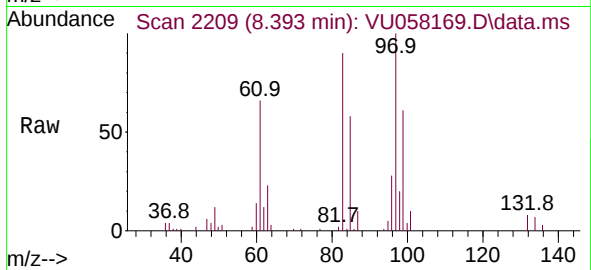




#45
1,1,2-Trichloroethane
Concen: 5.868 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

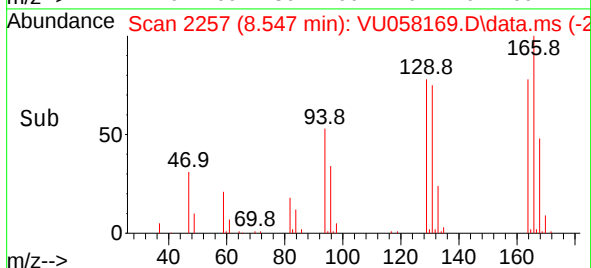
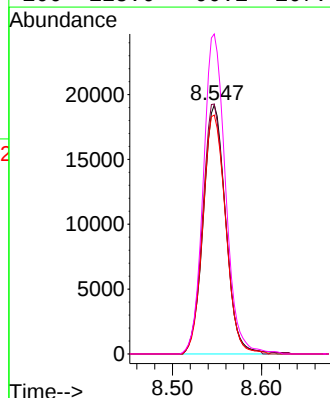
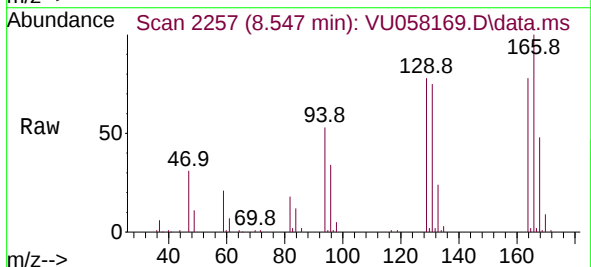
Instrument :
MSVOA_U
ClientSampleId :

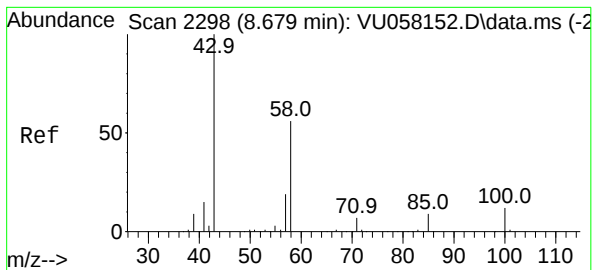
Tgt Ion:	97	Resp:	33606
Ion	Ratio	Lower	Upper
97	100		
99	60.9	44.2	82.2
83	90.3	64.2	119.2
85	57.9	42.0	78.0



#47
Tetrachloroethene
Concen: 4.891 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

Tgt Ion:	164	Resp:	33443
Ion	Ratio	Lower	Upper
164	100		
129	100.4	69.3	128.7
131	96.0	69.9	129.9
166	128.6	90.1	167.3





#48

2-Hexanone

Concen: 60.458 ug/L

RT: 8.679 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 197000

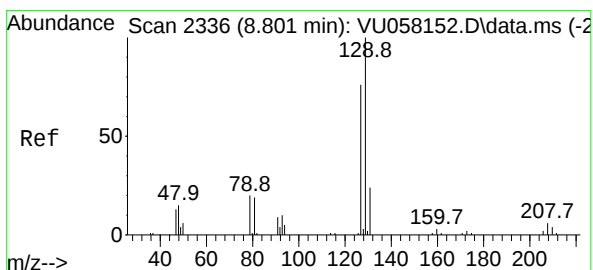
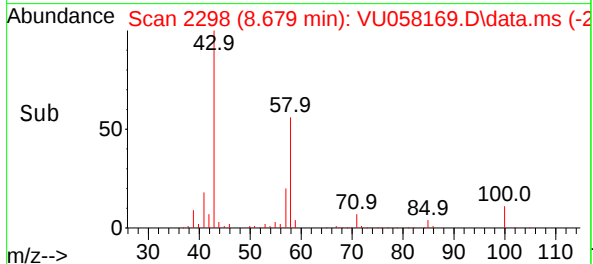
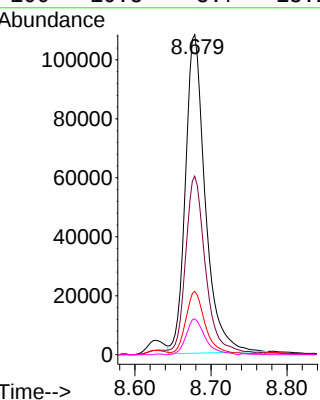
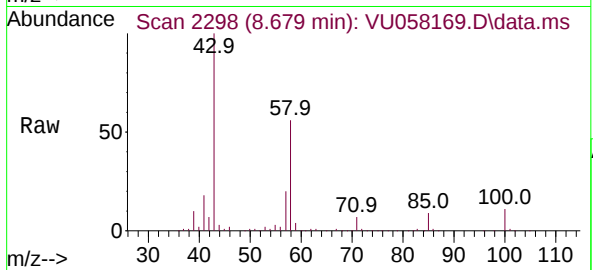
Ion Ratio Lower Upper

43 100

58 55.5 43.3 64.9

57 19.9 15.2 22.8

100 10.8 8.7 13.1



#49

Dibromochloromethane

Concen: 5.661 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU058169.D

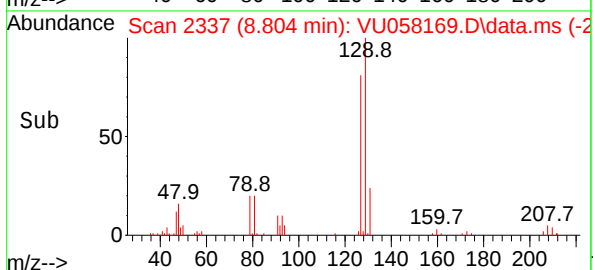
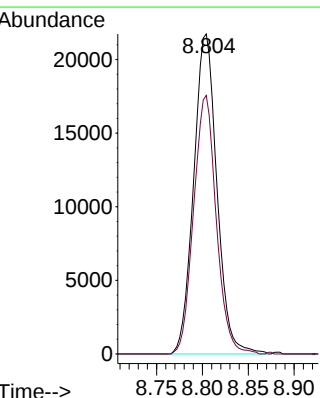
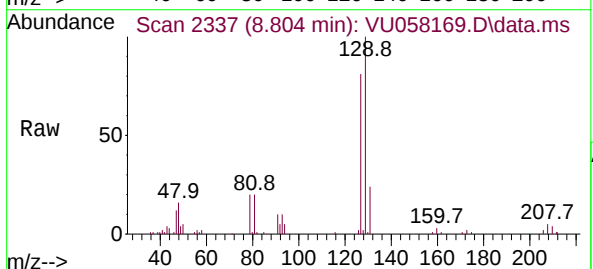
Acq: 19 Mar 2024 22:38

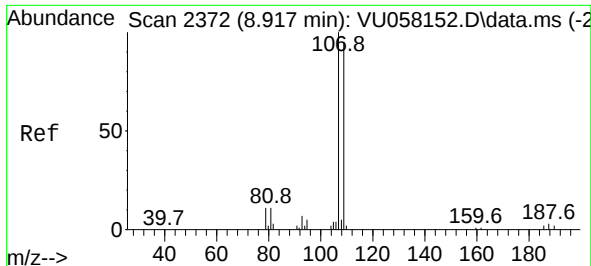
Tgt Ion:129 Resp: 38379

Ion Ratio Lower Upper

129 100

127 80.8 55.2 102.6

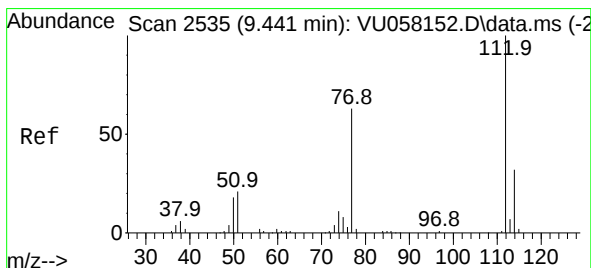
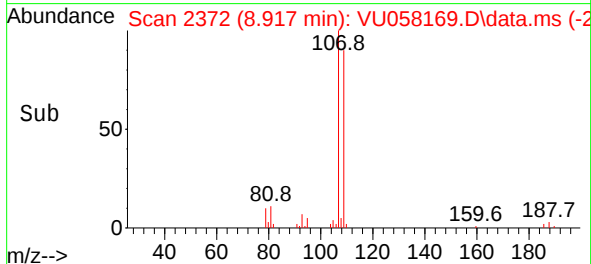
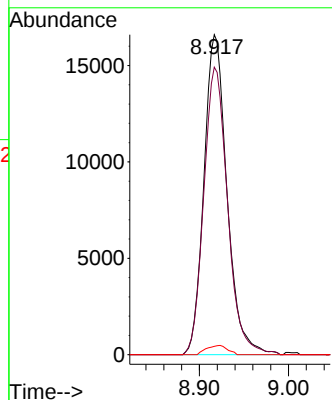
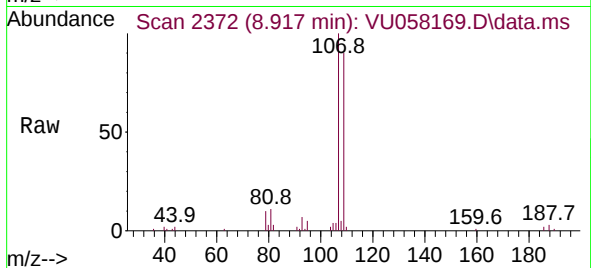




#50
1,2-Dibromoethane
Concen: 5.881 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

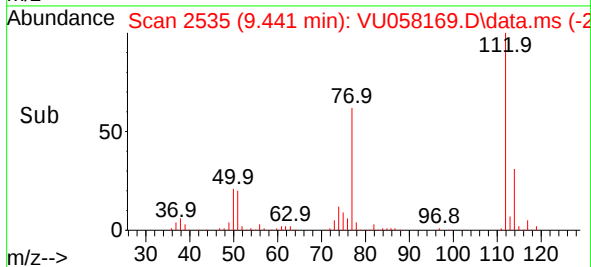
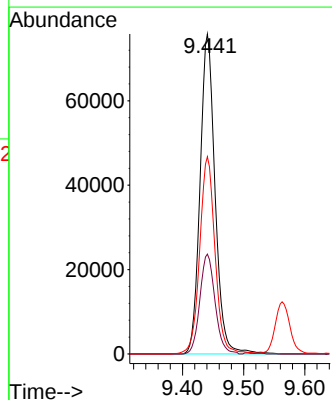
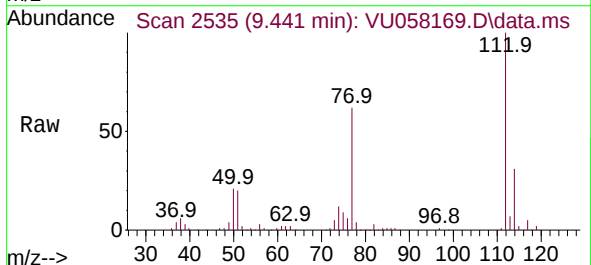
Instrument :
MSVOA_U
ClientSampleId :

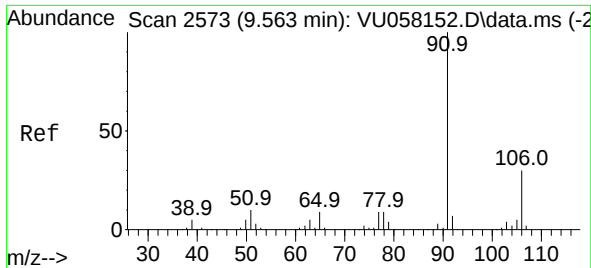
Tgt Ion:	107	Resp:	29889
Ion Ratio	Lower	Upper	
107	100		
109	89.9	67.8	125.8
188	2.6	2.4	3.6



#51
Chlorobenzene
Concen: 5.287 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

Tgt Ion:	112	Resp:	129321
Ion Ratio	Lower	Upper	
112	100		
114	31.2	22.7	42.1
77	61.7	52.3	78.5

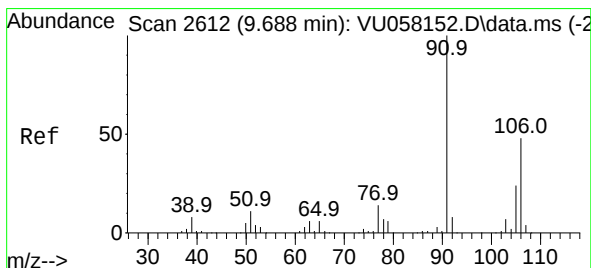
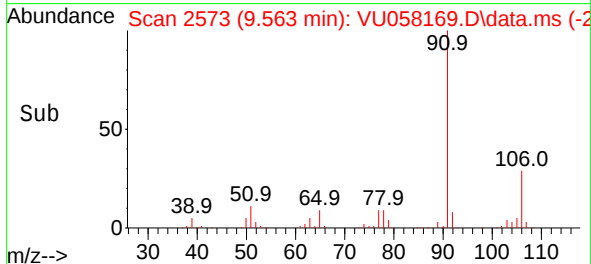
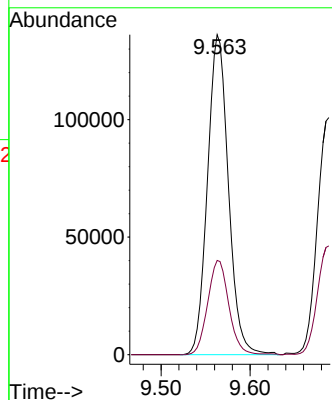
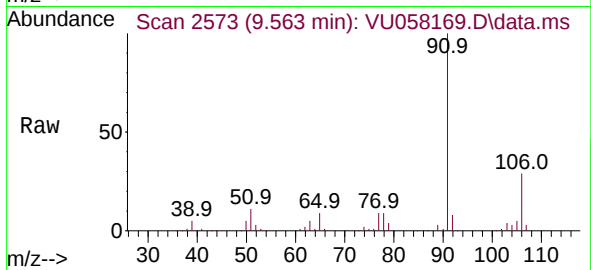




#52
Ethylbenzene
Concen: 5.075 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

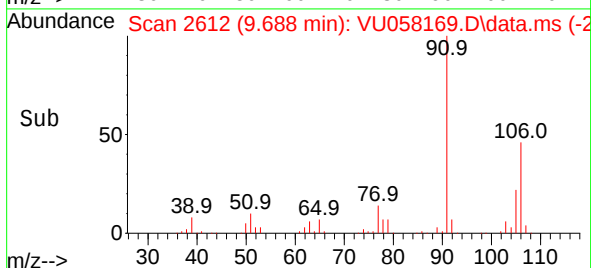
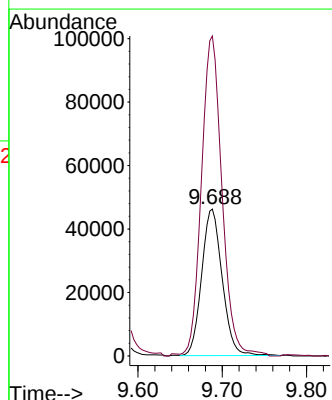
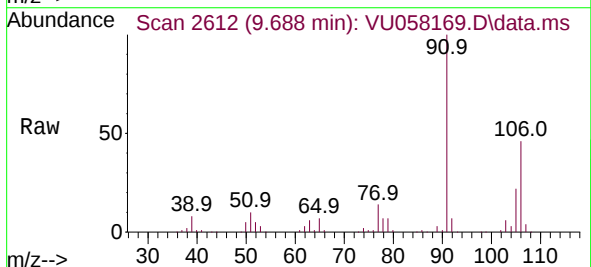
Instrument :
MSVOA_U
ClientSampleId :

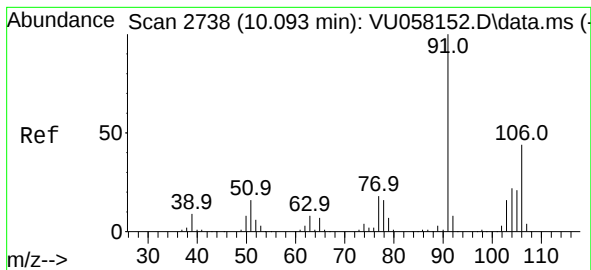
Tgt Ion: 91 Resp: 221529
Ion Ratio Lower Upper
91 100
106 29.4 20.9 38.7



#53
m,p-Xylene
Concen: 5.021 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

Tgt Ion:106 Resp: 78312
Ion Ratio Lower Upper
106 100
91 217.7 148.8 276.4





#54

o-Xylene

Concen: 5.120 ug/L

RT: 10.093 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

Instrument :

MSVOA_U

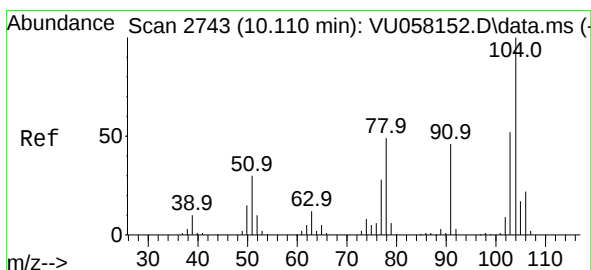
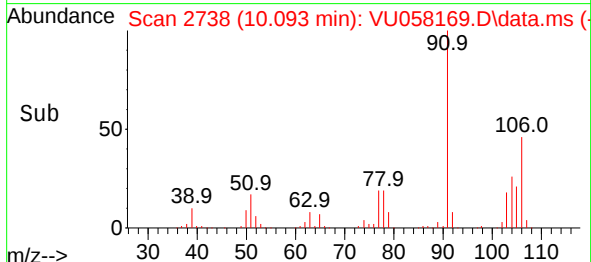
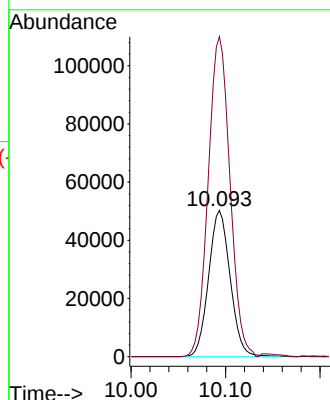
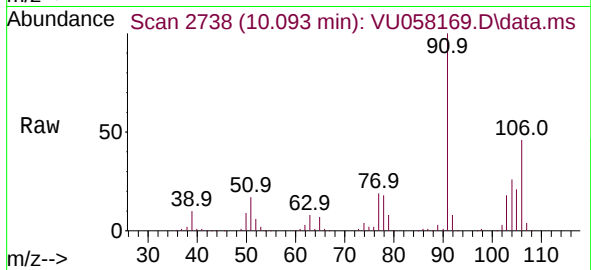
ClientSampleId :

Tgt Ion:106 Resp: 79579

Ion Ratio Lower Upper

106 100

91 218.9 158.3 294.1



#55

Styrene

Concen: 5.320 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU058169.D

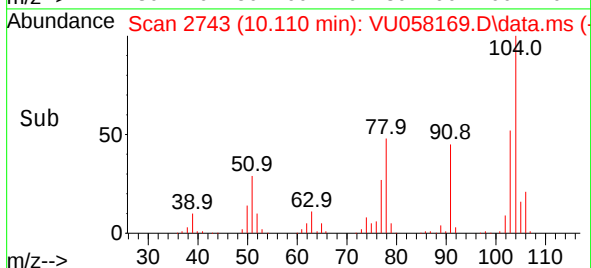
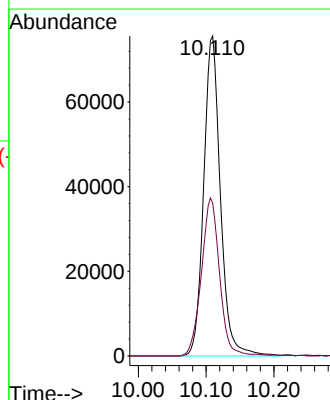
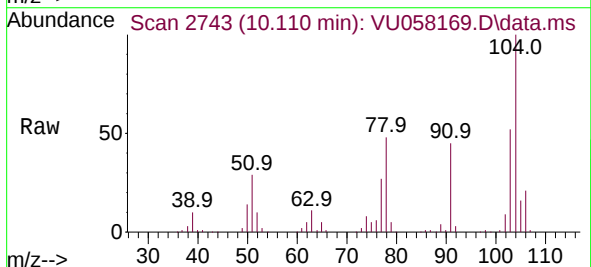
Acq: 19 Mar 2024 22:38

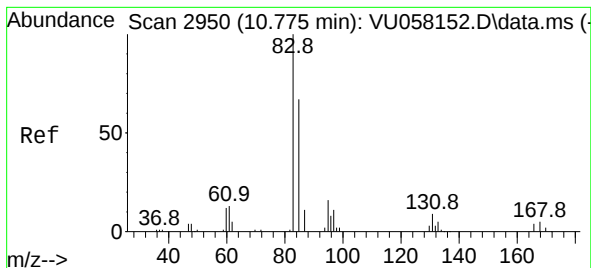
Tgt Ion:104 Resp: 129783

Ion Ratio Lower Upper

104 100

78 47.8 34.2 63.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.895 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

Instrument :

MSVOA_U

ClientSampleId :

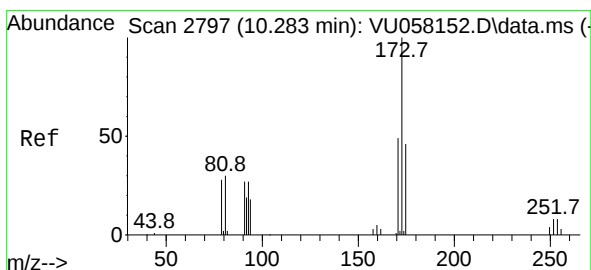
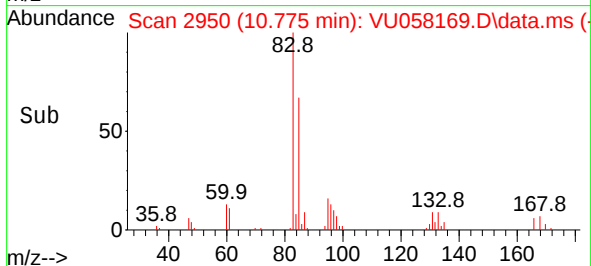
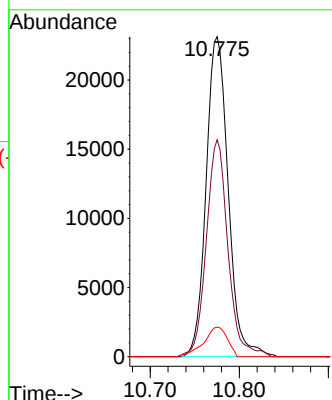
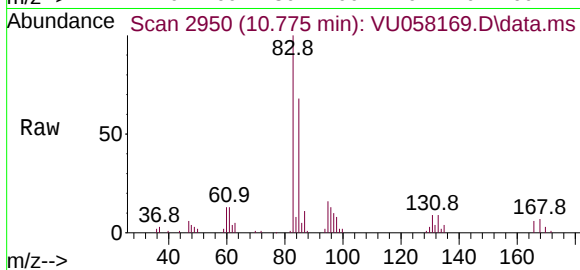
Tgt Ion: 83 Resp: 39770

Ion Ratio Lower Upper

83 100

85 67.8 44.0 81.6

131 9.2 6.9 10.3



#59

Bromoform

Concen: 5.521 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

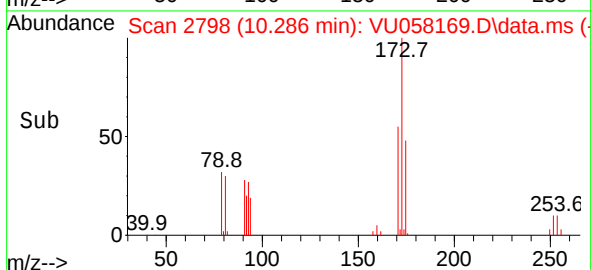
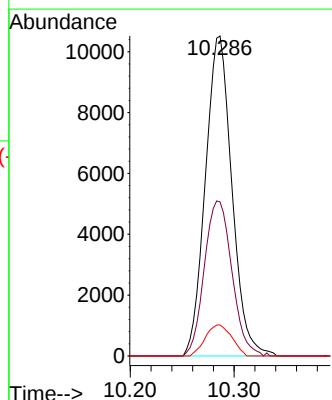
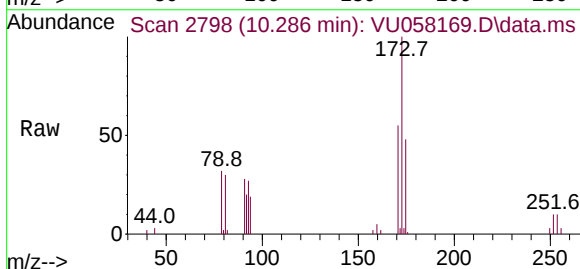
Tgt Ion:173 Resp: 18646

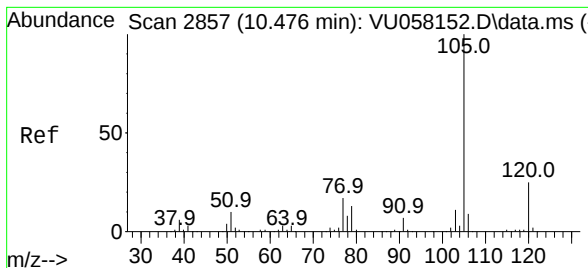
Ion Ratio Lower Upper

173 100

175 50.4 38.6 57.8

254 9.7 7.3 10.9





#60

Isopropylbenzene

Concen: 5.040 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

Instrument :

MSVOA_U

ClientSampleId :

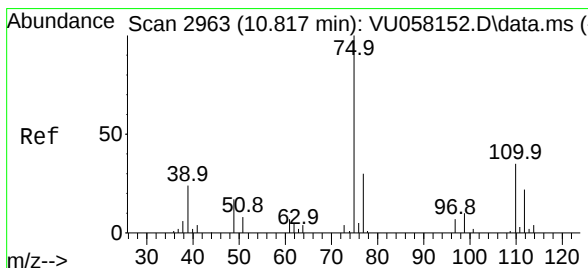
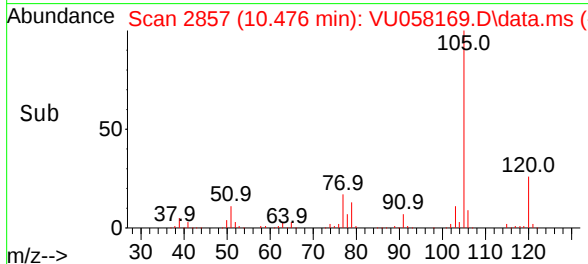
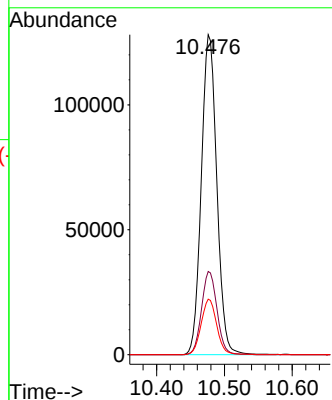
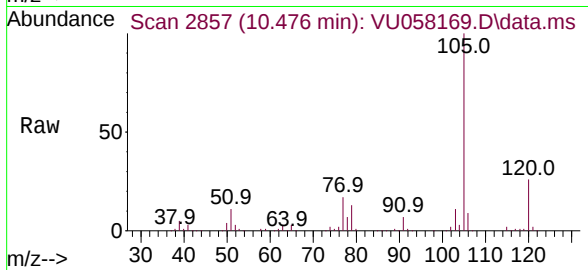
Tgt Ion:105 Resp: 203231

Ion Ratio Lower Upper

105 100

120 26.0 20.4 30.6

77 17.4 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.988 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

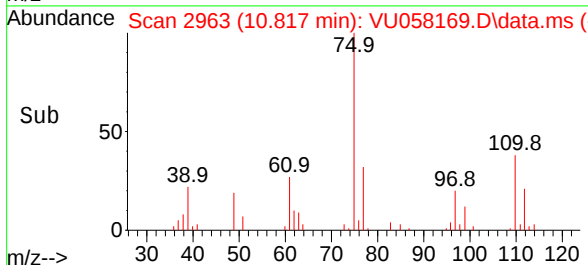
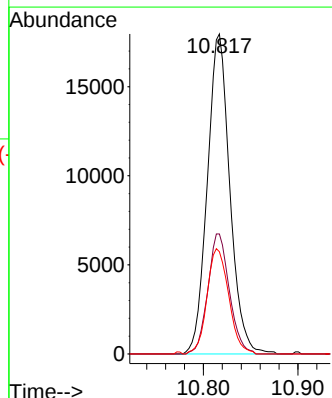
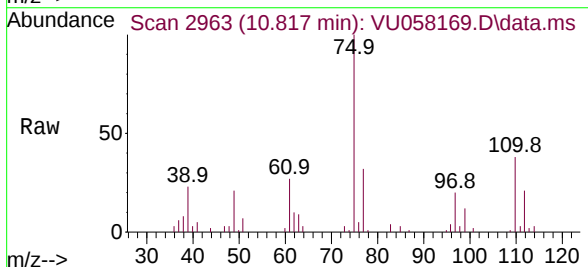
Tgt Ion: 75 Resp: 29702

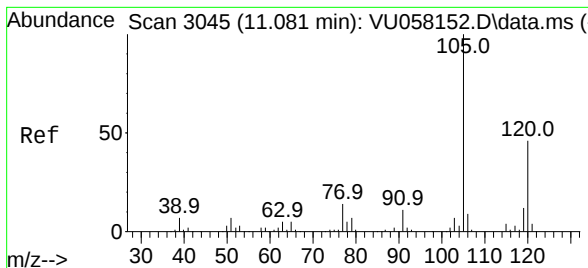
Ion Ratio Lower Upper

75 100

110 35.8 28.0 42.0

77 31.7 24.7 37.1





#62

1,3,5-Trimethylbenzene

Concen: 4.982 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

Instrument :

MSVOA_U

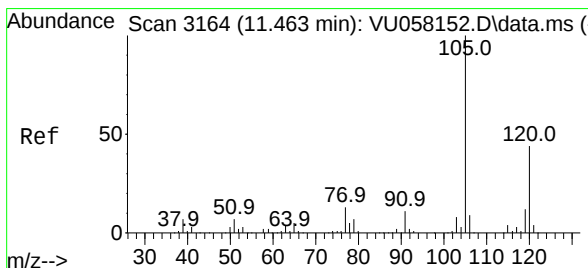
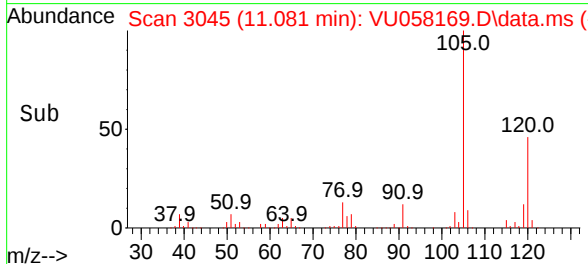
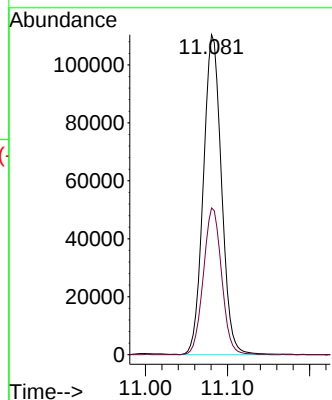
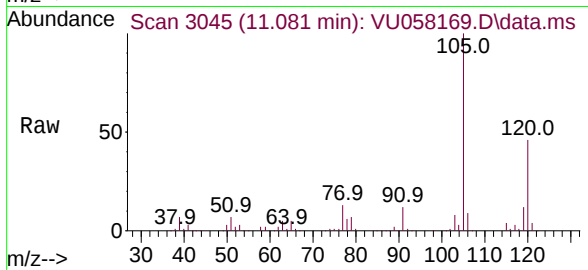
ClientSampleId :

Tgt Ion:105 Resp: 169452

Ion Ratio Lower Upper

105 100

120 46.1 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 4.979 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058169.D

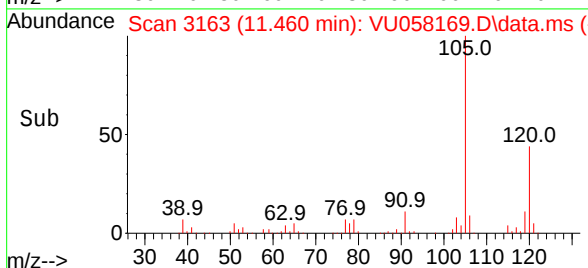
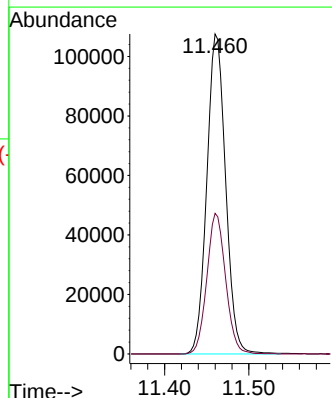
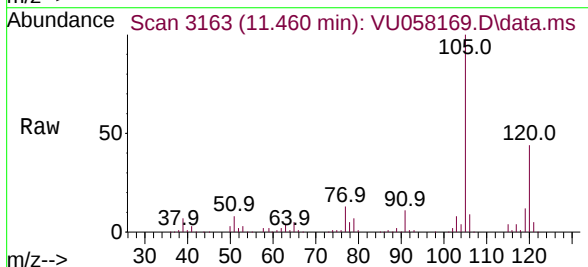
Acq: 19 Mar 2024 22:38

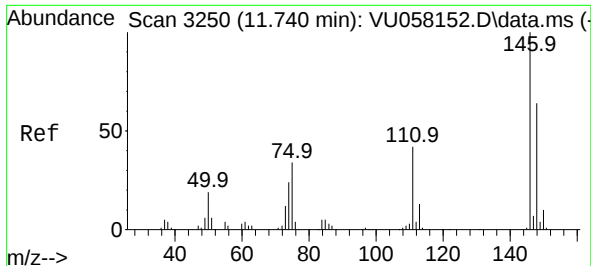
Tgt Ion:105 Resp: 167129

Ion Ratio Lower Upper

105 100

120 43.9 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 5.226 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

Instrument :

MSVOA_U

ClientSampleId :

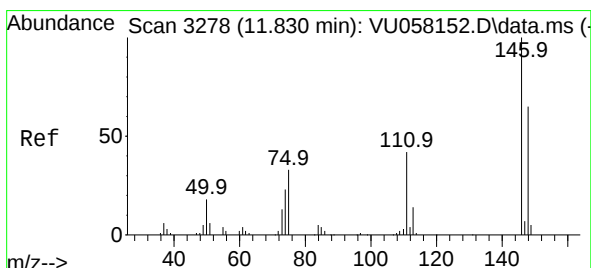
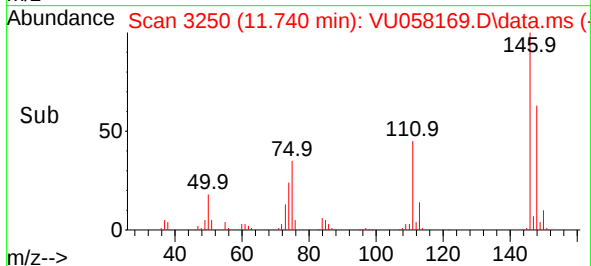
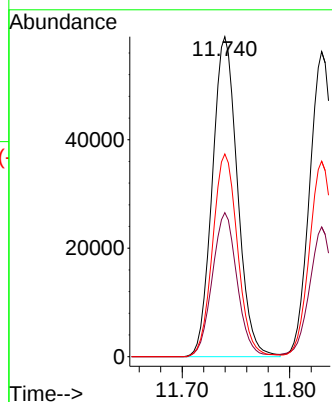
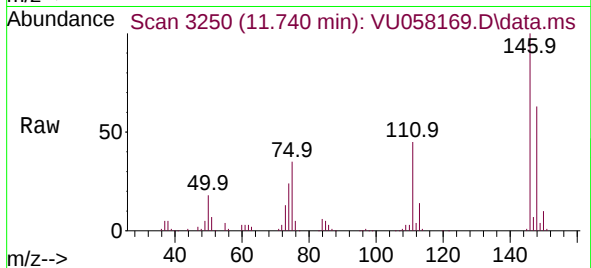
Tgt Ion:146 Resp: 95785

Ion Ratio Lower Upper

146 100

111 45.0 30.9 57.5

148 63.4 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 5.084 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

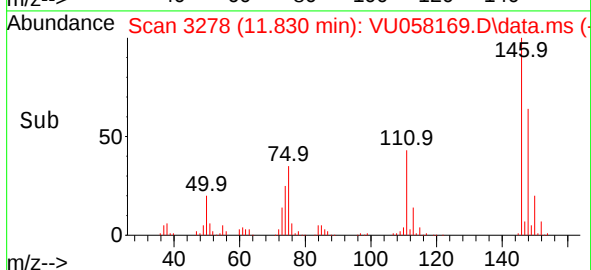
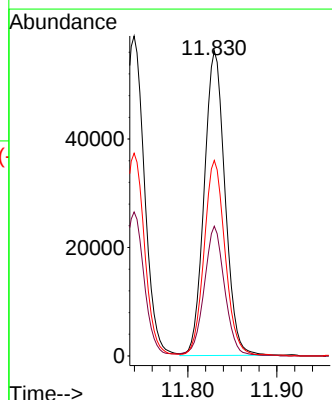
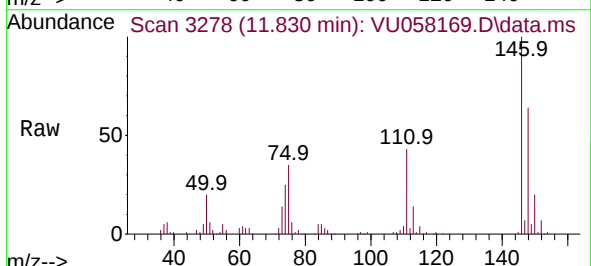
Tgt Ion:146 Resp: 91214

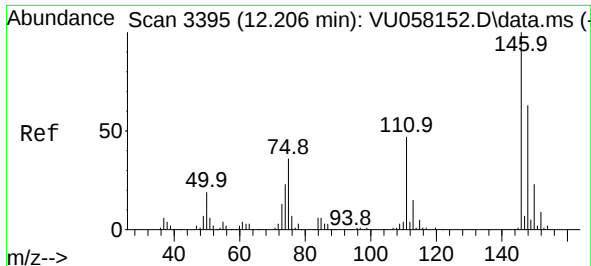
Ion Ratio Lower Upper

146 100

111 42.5 30.1 55.9

148 64.1 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 5.499 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

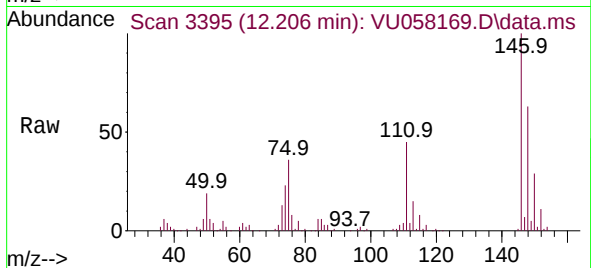
Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

Instrument :

MSVOA_U

ClientSampleId :



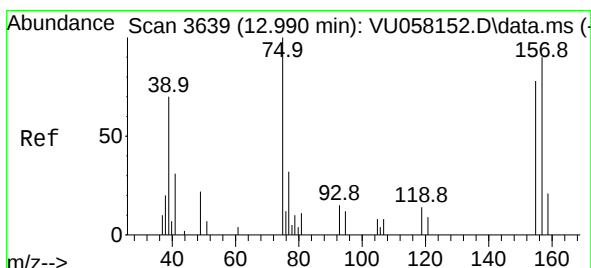
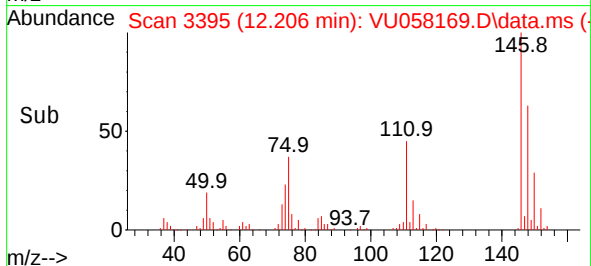
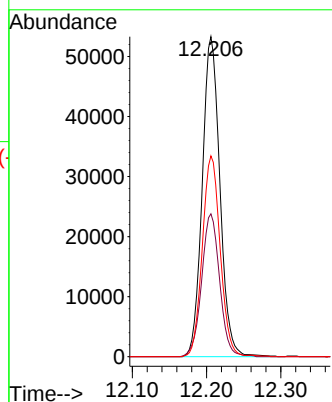
Tgt Ion:146 Resp: 87997

Ion Ratio Lower Upper

146 100

111 44.6 37.4 56.0

148 62.8 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 6.150 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

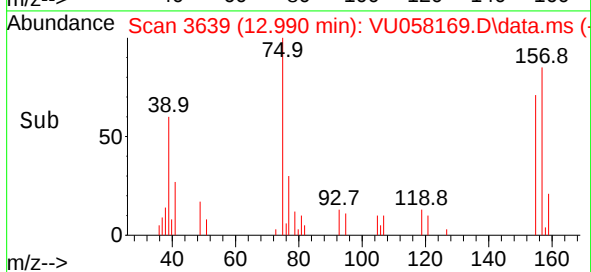
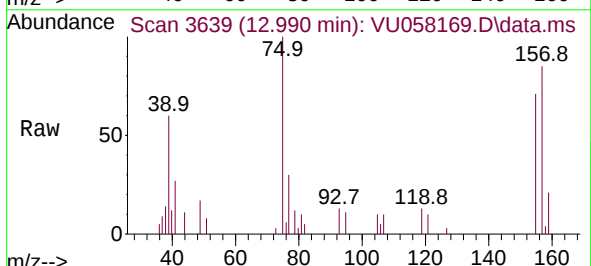
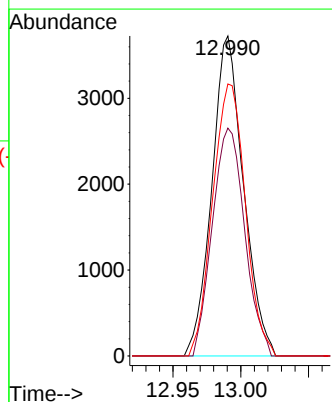
Tgt Ion: 75 Resp: 6052

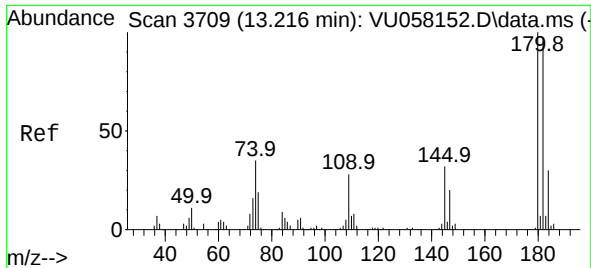
Ion Ratio Lower Upper

75 100

155 71.2 61.0 91.6

157 85.0 74.6 112.0





#69

1,3,5-Trichlorobenzene

Concen: 4.994 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 65852

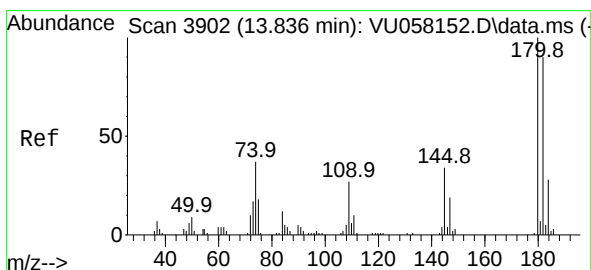
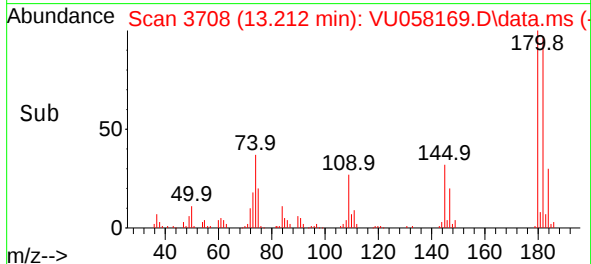
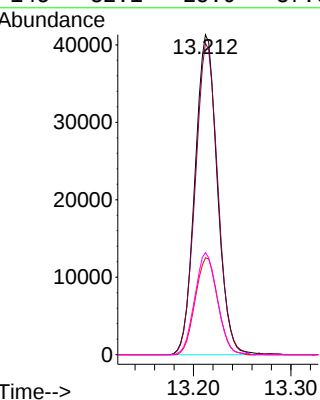
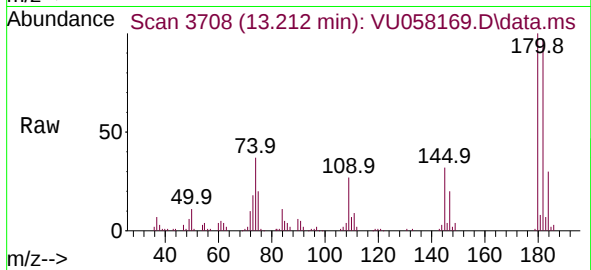
Ion Ratio Lower Upper

180 100

182 97.7 76.3 114.5

184 30.7 24.6 36.8

145 32.1 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 5.089 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU058169.D

Acq: 19 Mar 2024 22:38

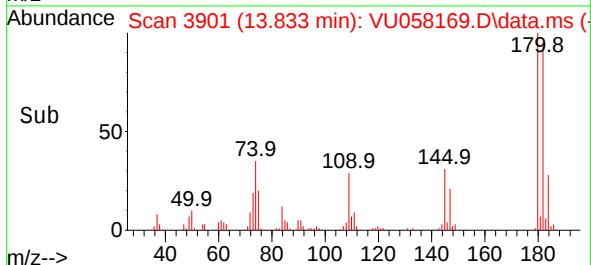
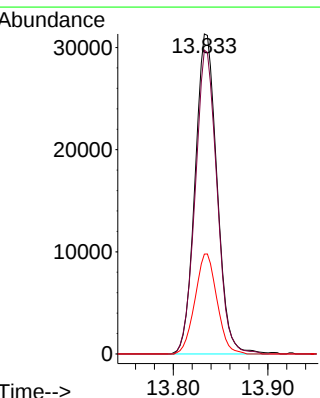
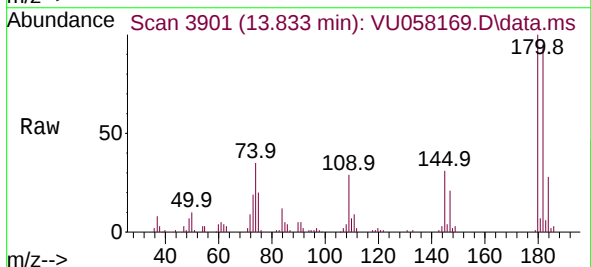
Tgt Ion:180 Resp: 50420

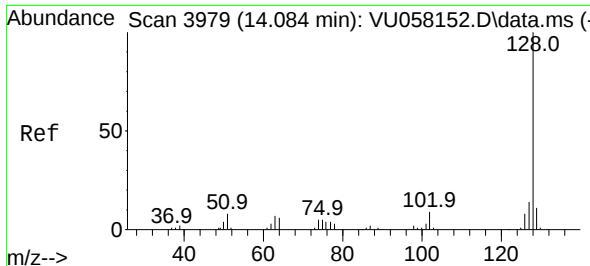
Ion Ratio Lower Upper

180 100

182 94.3 77.9 116.9

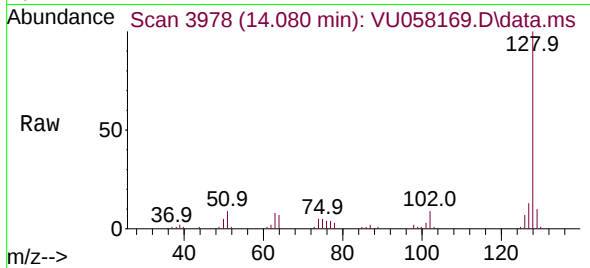
145 31.4 25.8 38.8



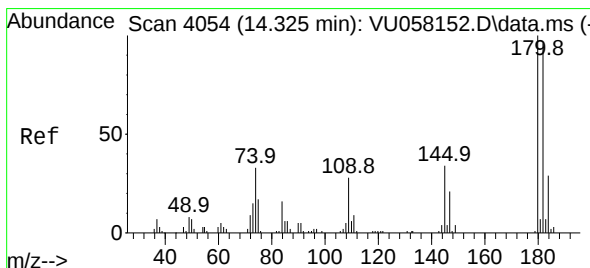
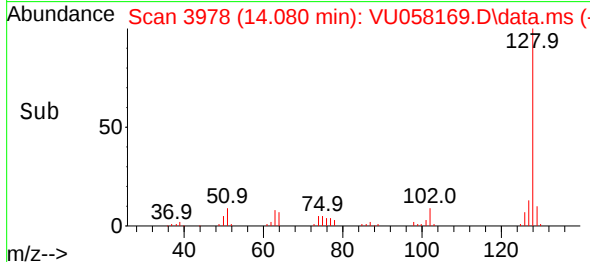
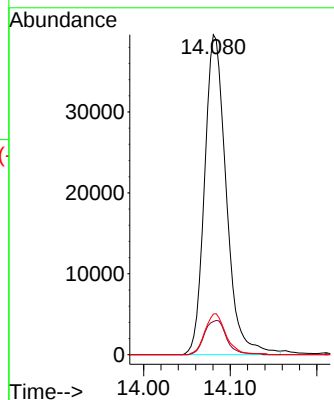


#71
Naphthalene
Concen: 5.085 ug/L
RT: 14.080 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 68802
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.5 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.301 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058169.D
Acq: 19 Mar 2024 22:38

Tgt Ion:180 Resp: 41480
Ion Ratio Lower Upper
180 100
182 94.7 77.6 116.4
145 35.0 28.7 43.1

