

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057569.D
 Acq On : 23 Jan 2024 13:52
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:29:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	70133	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	33310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	80570	12.508	ug/L	0.00
7) Chloroethane-d5	1.914	69	64299	12.778	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	38312	13.815	ug/L	0.00
20) 2-Butanone-d5	4.631	46	169636	138.063	ug/L	0.00
24) Chloroform-d	5.055	84	166804	14.612	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	77604	14.215	ug/L	0.00
32) Benzene-d6	5.721	84	323613	15.219	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	95804	14.455	ug/L	0.00
41) Toluene-d8	7.891	98	305682	16.910	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	40988	17.502	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	139571	167.759	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	68573	14.793	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	99203	15.678	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	122311	25.270	ug/L	99
3) Chloromethane	1.518	50	119213	19.739	ug/L	98
5) Vinyl chloride	1.602	62	130134	23.810	ug/L	100
6) Bromomethane	1.856	94	69632	22.510	ug/L	98
8) Chloroethane	1.933	64	77104	22.849	ug/L	95
9) Trichlorofluoromethane	2.136	101	192723	25.326	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	113960	24.097	ug/L	99
12) 1,1-Dichloroethene	2.576	96	104747	24.438	ug/L	97
13) Acetone	2.663	43	139152	174.928	ug/L	97
14) Carbon disulfide	2.788	76	338385	27.289	ug/L	100
15) Methyl Acetate	2.956	43	35423	19.675	ug/L	99
16) Methylene chloride	3.039	84	109182	19.571	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	259548	24.666	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	111437	25.991	ug/L	99
19) 1,1-Dichloroethane	3.862	63	206349	22.303	ug/L	99
21) 2-Butanone	4.711	43	225644	201.475	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	122270	24.854	ug/L	100
23) Bromochloromethane	4.965	128	49907	23.753	ug/L	98
25) Chloroform	5.078	83	214912	22.256	ug/L	100
27) 1,2-Dichloroethane	5.785	62	130917	22.566	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	195888	24.397	ug/L	100
30) Cyclohexane	5.383	56	188793	27.746	ug/L	99
31) Carbon tetrachloride	5.518	117	176320	25.974	ug/L	98
33) Benzene	5.766	78	459398	24.091	ug/L	100
34) Trichloroethene	6.534	95	127158	25.156	ug/L	98
35) Methylcyclohexane	6.756	83	207105	29.229	ug/L	97
37) 1,2-Dichloropropane	6.782	63	115956	21.843	ug/L	100
38) Bromodichloromethane	7.097	83	156051	23.955	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	186029	25.574	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	566765	220.386	ug/L	100
42) Toluene	7.962	91	499464	26.188	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	152523	25.890	ug/L	98

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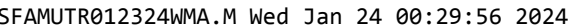
Instrument :
 MSVOA_U
 ClientSampleId :

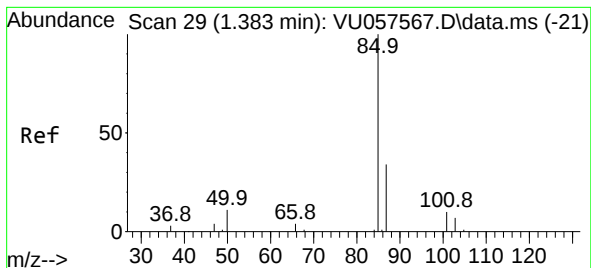
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	75736	22.267	ug/L	99
47) Tetrachloroethene	8.547	164	92476	26.684	ug/L	99
48) 2-Hexanone	8.679	43	413270	221.112	ug/L	97
49) Dibromochloromethane	8.804	129	100523	26.040	ug/L	99
50) 1,2-Dibromoethane	8.917	107	75162	25.555	ug/L	99
51) Chlorobenzene	9.441	112	314862	24.993	ug/L	99
52) Ethylbenzene	9.563	91	574047	27.330	ug/L	99
53) m,p-Xylene	9.688	106	213005	28.274	ug/L	98
54) o-Xylene	10.094	106	208142	28.399	ug/L	100
55) Styrene	10.106	104	336307	28.536	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	95352	22.244	ug/L	99
59) Bromoform	10.283	173	57668	24.371	ug/L	98
60) Isopropylbenzene	10.476	105	529281	25.133	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	68480	21.160	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	468753	28.018	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	476630	28.507	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	243336	24.697	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	232458	23.841	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	218824	24.123	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	15749	25.980	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	190059	27.895	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	151955	32.422	ug/L	98
71) Naphthalene	14.077	128	225457	33.664	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	118177	30.736	ug/L	98

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

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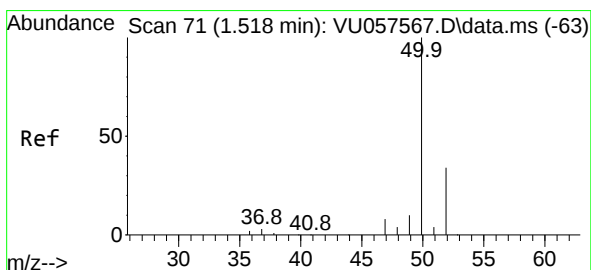
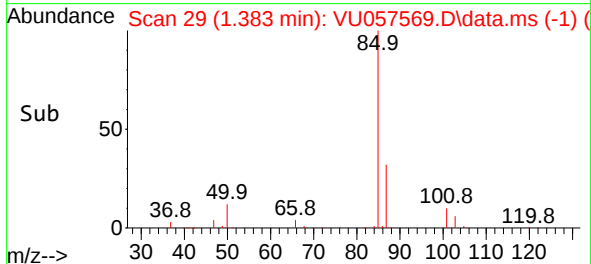
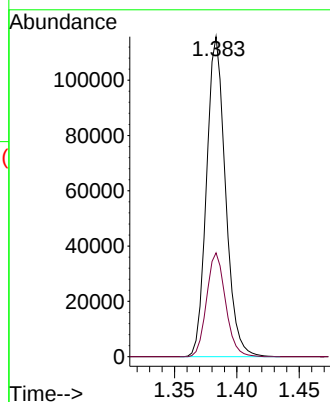
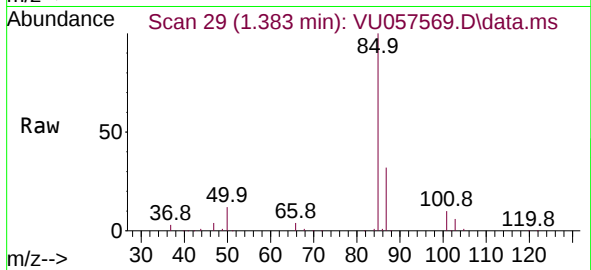




#2
 Dichlorodifluoromethane
 Concen: 25.270 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU057569.D
 Acq: 23 Jan 2024 13:52

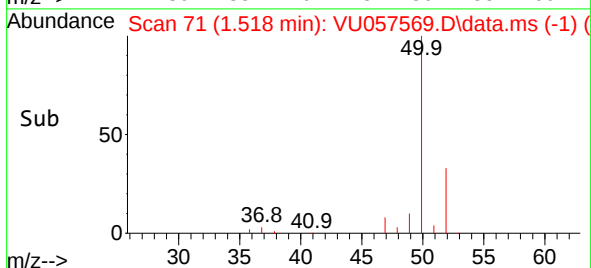
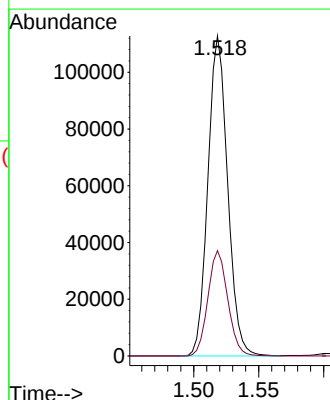
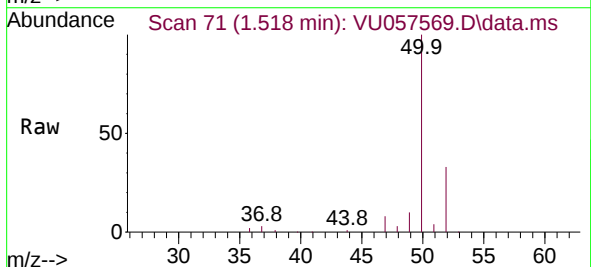
Instrument :
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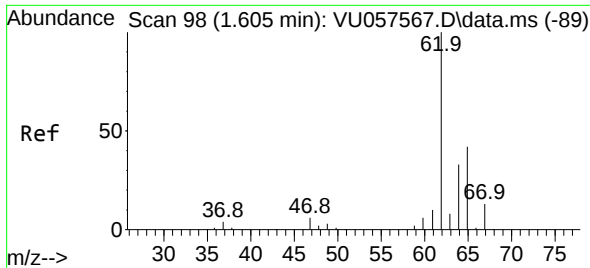
Tgt Ion: 85 Resp: 122311
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.4 39.6



#3
 Chloromethane
 Concen: 19.739 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU057569.D
 Acq: 23 Jan 2024 13:52

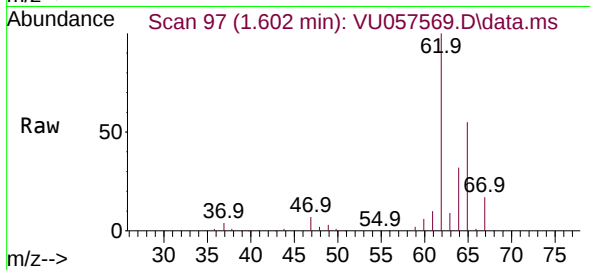
Tgt Ion: 50 Resp: 119213
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.7 43.9



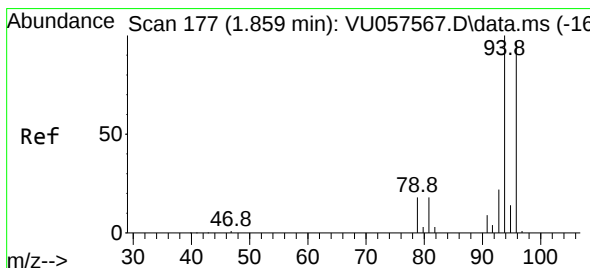
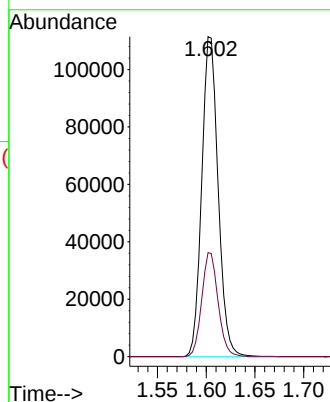
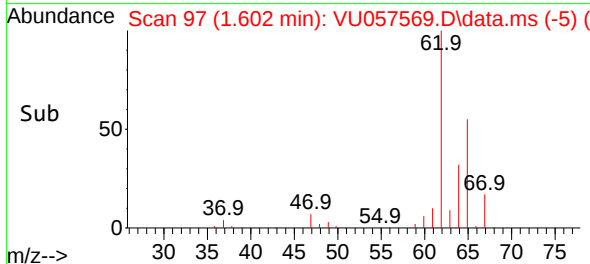


#5
 Vinyl chloride
 Concen: 23.810 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU057569.D
 Acq: 23 Jan 2024 13:52

Instrument :
 MSVOA_U
 ClientSampleId :

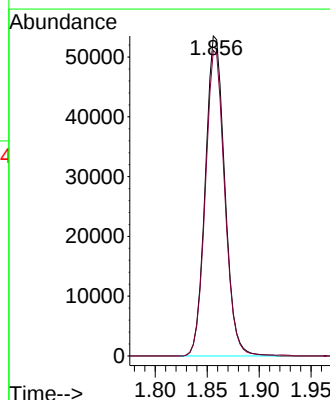
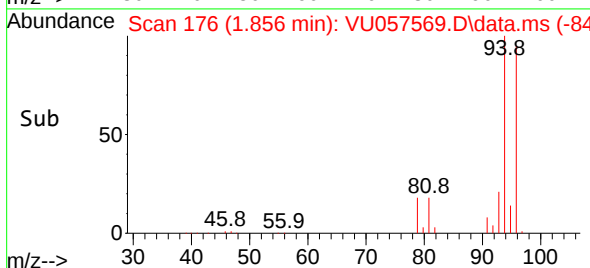
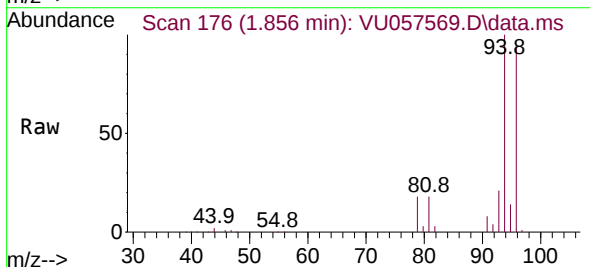


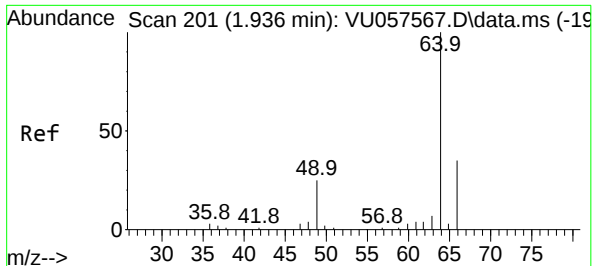
Tgt Ion: 62 Resp: 130134
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.8 42.4



#6
 Bromomethane
 Concen: 22.510 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.003 min
 Lab File: VU057569.D
 Acq: 23 Jan 2024 13:52

Tgt Ion: 94 Resp: 69632
 Ion Ratio Lower Upper
 94 100
 96 95.5 68.0 126.4

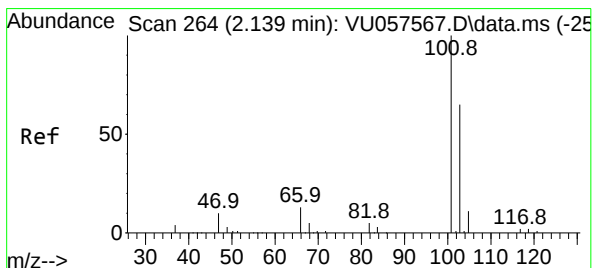
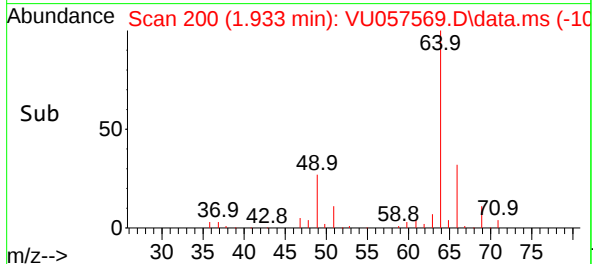
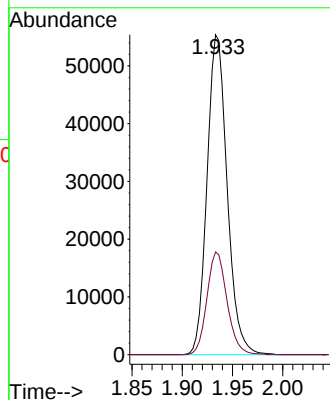
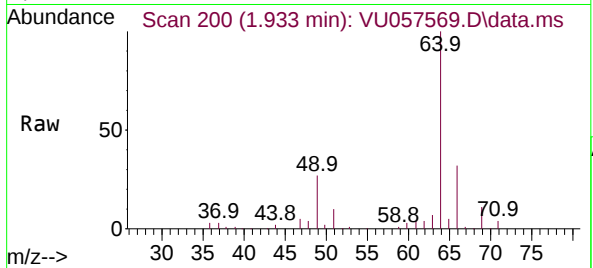




#8
Chloroethane
Concen: 22.849 ug/L
RT: 1.933 min Scan# 201
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

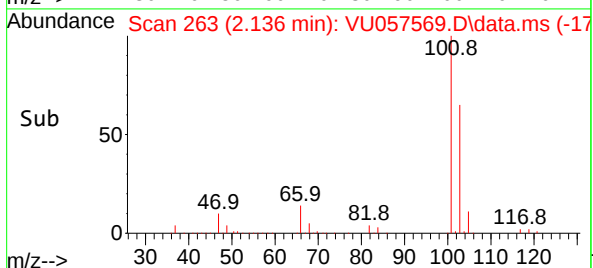
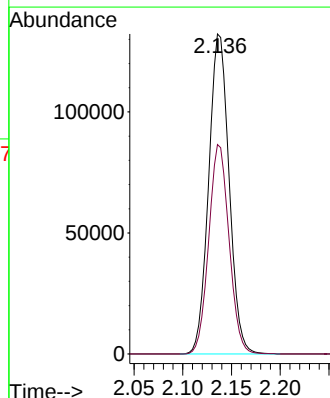
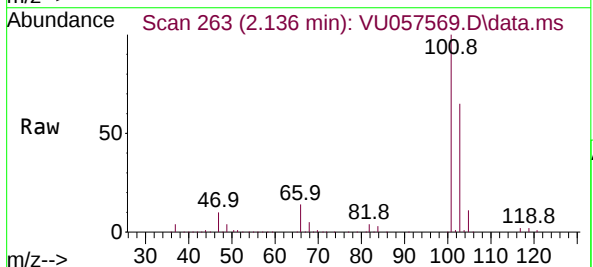
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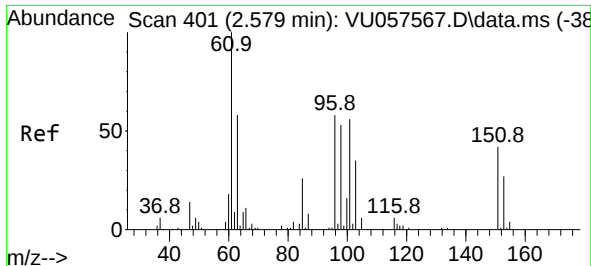
Tgt Ion: 64 Resp: 77104
Ion Ratio Lower Upper
64 100
66 32.1 24.5 45.5



#9
Trichlorofluoromethane
Concen: 25.326 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

Tgt Ion:101 Resp: 192723
Ion Ratio Lower Upper
101 100
103 65.1 52.2 78.2

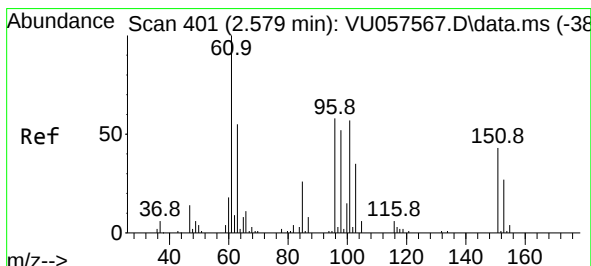
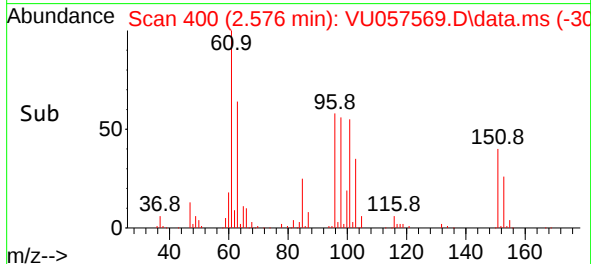
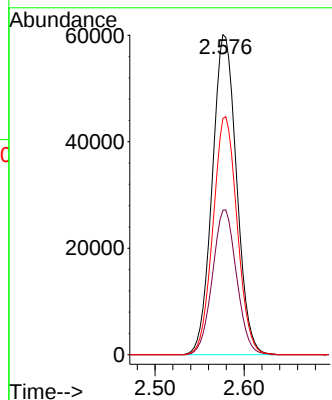
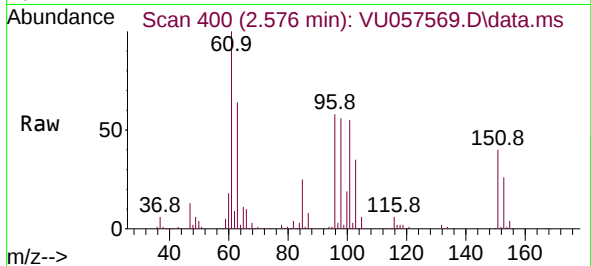




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.097 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

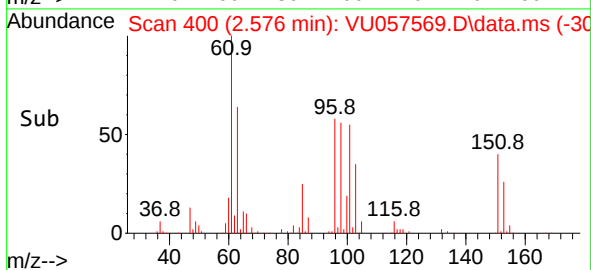
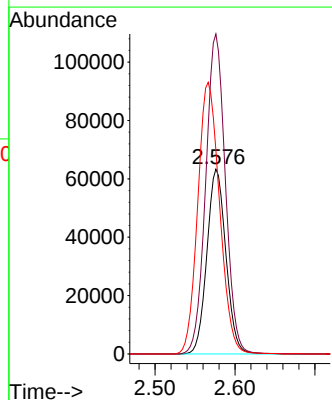
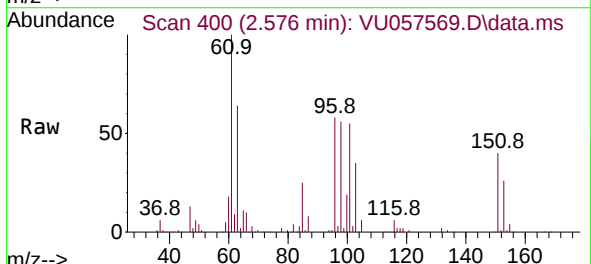
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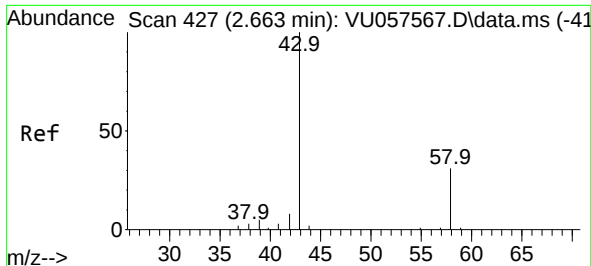
Tgt Ion:101 Resp: 113960
Ion Ratio Lower Upper
101 100
85 45.0 35.8 53.8
151 74.0 60.0 90.0



#12
1,1-Dichloroethene
Concen: 24.438 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

Tgt Ion: 96 Resp: 104747
Ion Ratio Lower Upper
96 100
61 173.2 120.7 224.1
63 110.4 72.5 134.7





#13

Acetone

Concen: 174.928 ug/L

RT: 2.663 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

Instrument :

MSVOA_U

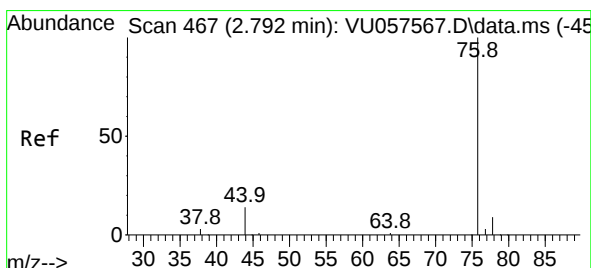
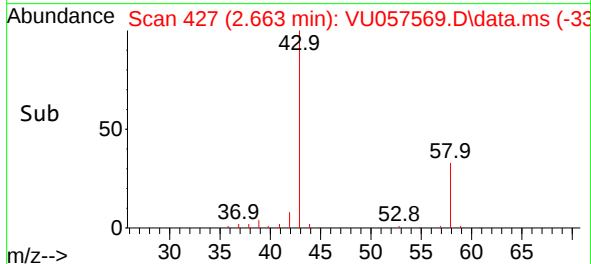
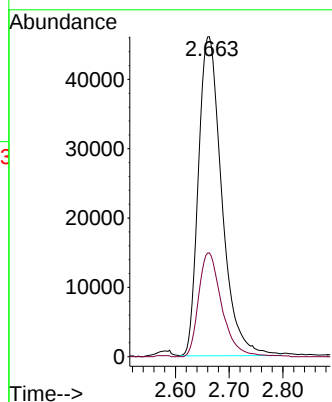
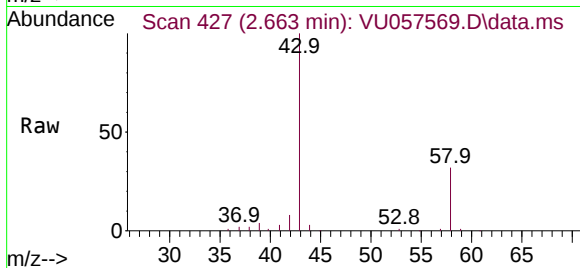
ClientSampleId :

Tgt Ion: 43 Resp: 139152

Ion Ratio Lower Upper

43 100

58 32.3 0.0 61.4



#14

Carbon disulfide

Concen: 27.289 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU057569.D

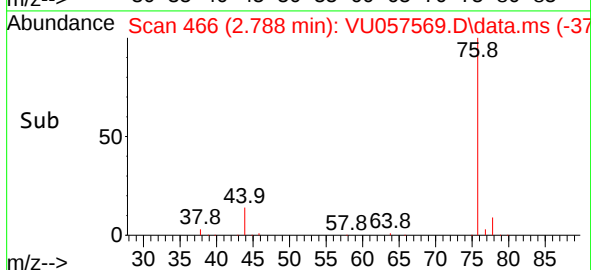
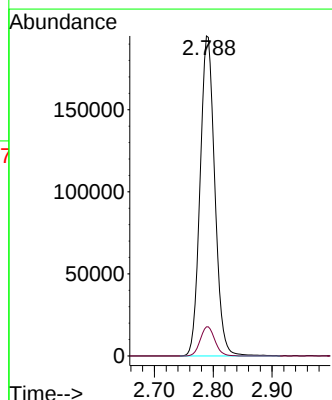
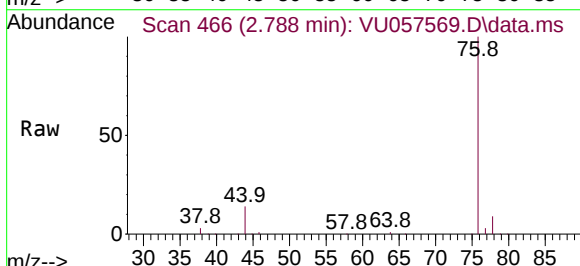
Acq: 23 Jan 2024 13:52

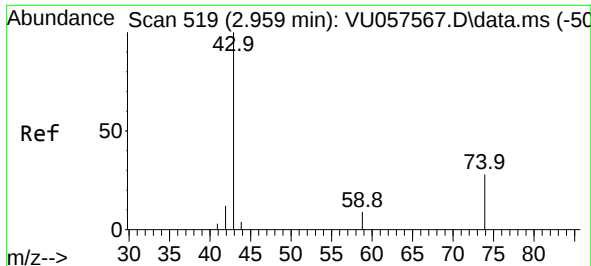
Tgt Ion: 76 Resp: 338385

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

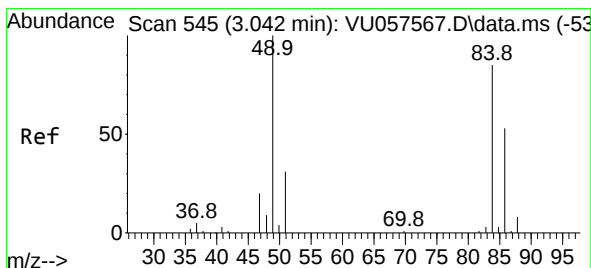
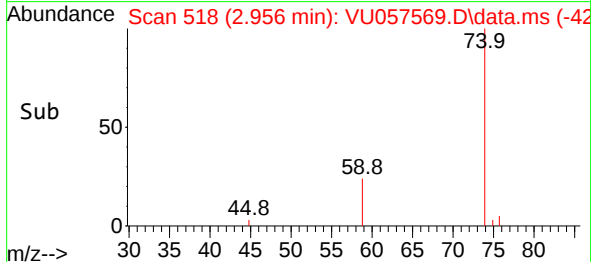
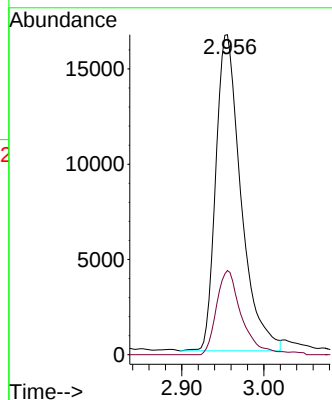
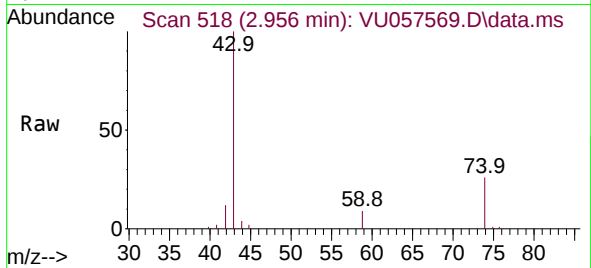




#15
Methyl Acetate
Concen: 19.675 ug/L
RT: 2.956 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

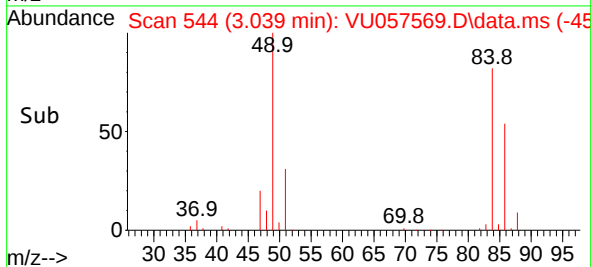
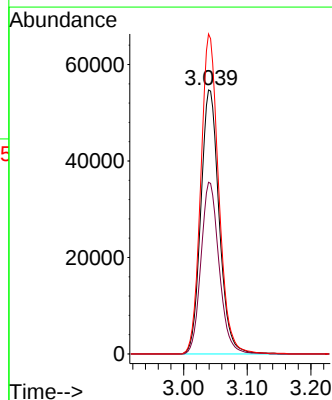
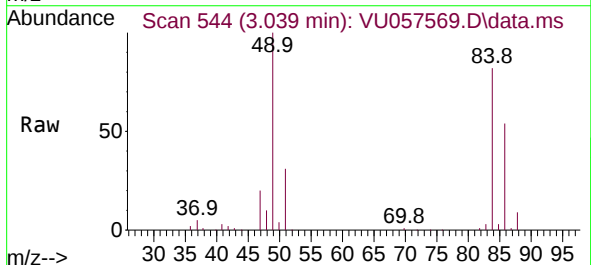
Instrument :
MSVOA_U
ClientSampleId :

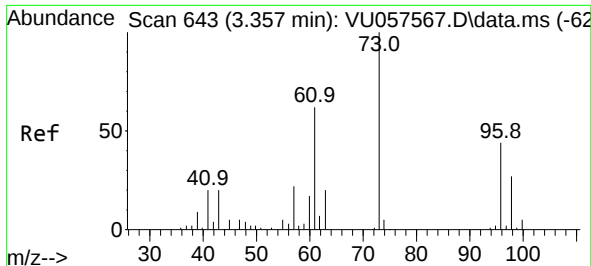
Tgt Ion: 43 Resp: 35423
Ion Ratio Lower Upper
43 100
74 26.5 20.7 31.1



#16
Methylene chloride
Concen: 19.571 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

Tgt Ion: 84 Resp: 109182
Ion Ratio Lower Upper
84 100
86 65.0 43.5 80.9
49 121.2 82.5 153.1

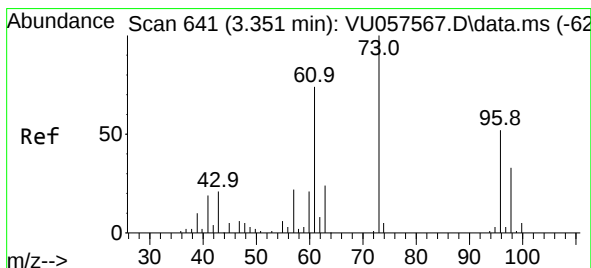
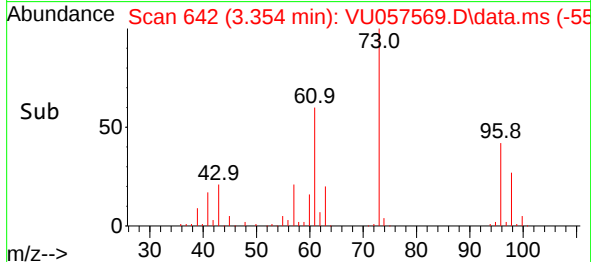
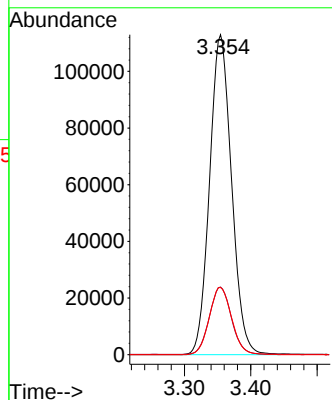
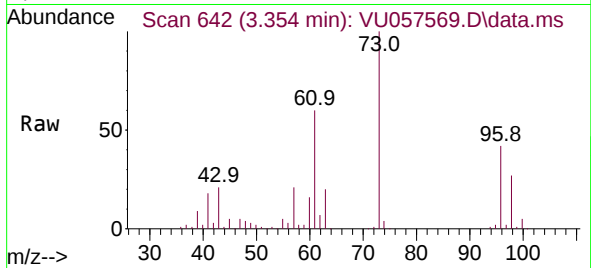




#17
Methyl tert-butyl Ether
Concen: 24.666 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

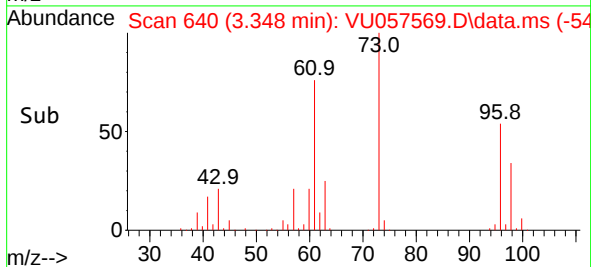
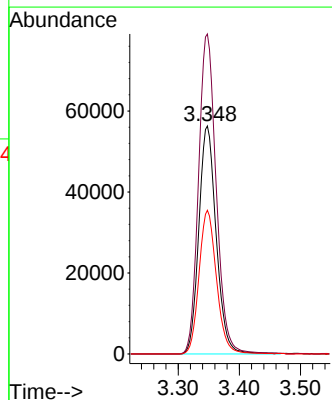
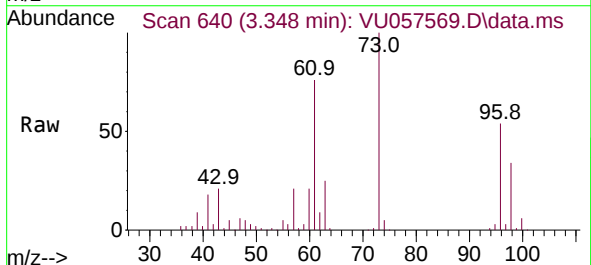
Instrument :
MSVOA_U
ClientSampleId :

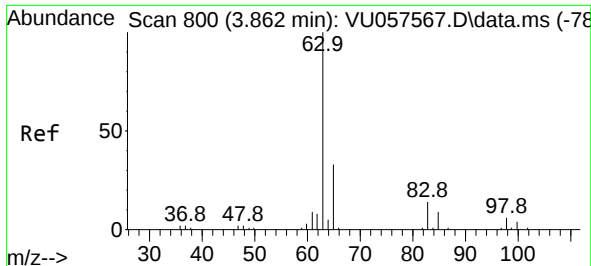
Tgt Ion: 73 Resp: 259548
Ion Ratio Lower Upper
73 100
43 21.1 17.3 25.9
57 21.4 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 25.991 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

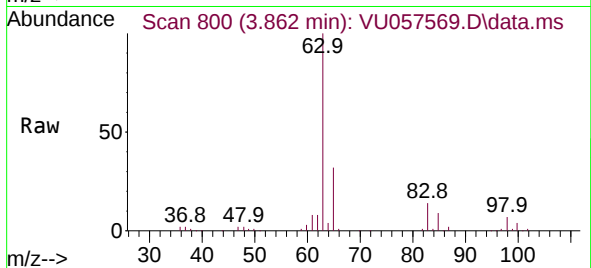
Tgt Ion: 96 Resp: 111437
Ion Ratio Lower Upper
96 100
61 140.3 99.3 184.5
98 63.0 44.5 82.7



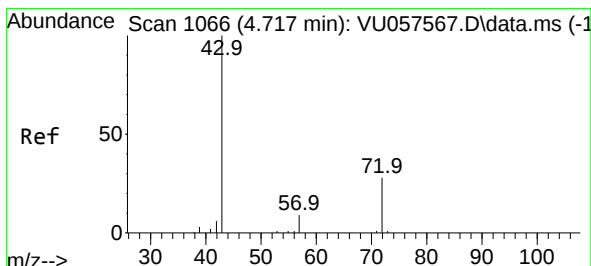
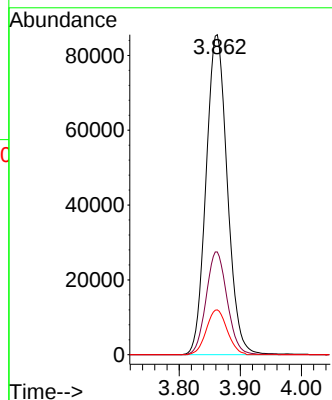
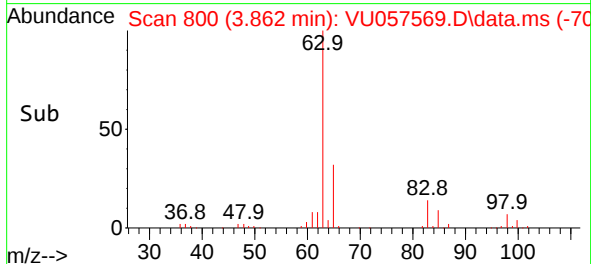


#19
1,1-Dichloroethane
Concen: 22.303 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.000 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

Instrument :
MSVOA_U
ClientSampleId :

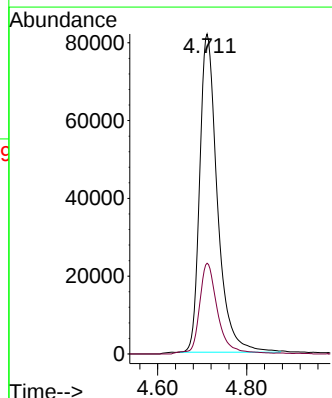
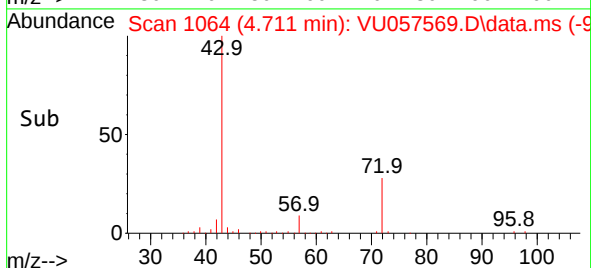
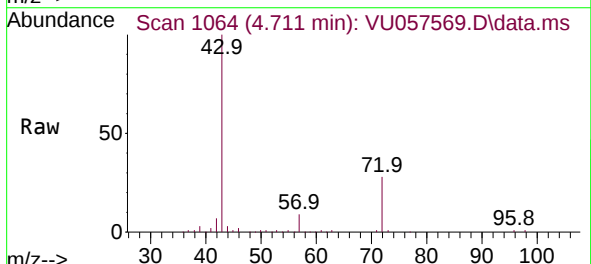


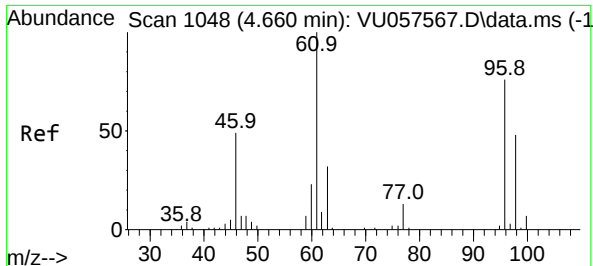
Tgt Ion: 63 Resp: 206349
Ion Ratio Lower Upper
63 100
65 32.1 23.0 42.8
83 14.0 9.7 17.9



#21
2-Butanone
Concen: 201.475 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

Tgt Ion: 43 Resp: 225644
Ion Ratio Lower Upper
43 100
72 29.4 14.7 44.1





#22

cis-1,2-Dichloroethene

Concen: 24.854 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

Instrument :

MSVOA_U

ClientSampleId :

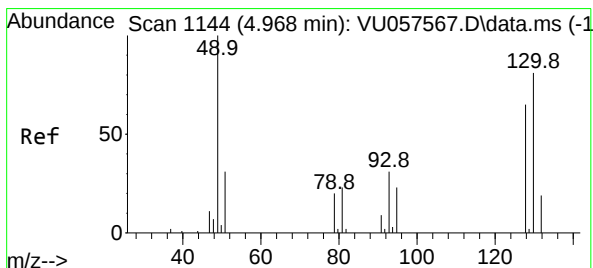
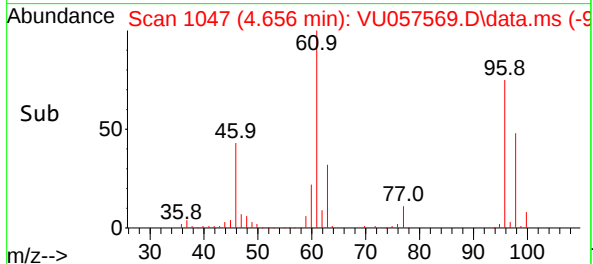
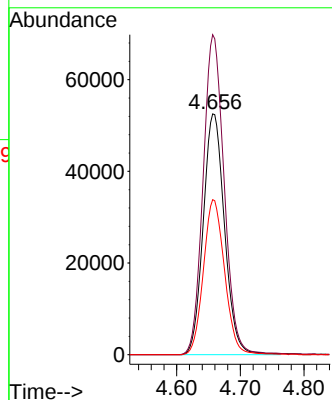
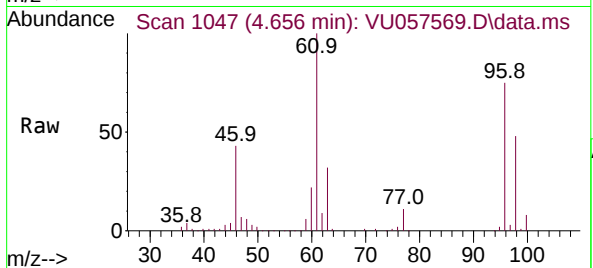
Tgt Ion: 96 Resp: 122270

Ion Ratio Lower Upper

96 100

61 132.9 92.7 172.1

98 64.4 44.9 83.5



#23

Bromochloromethane

Concen: 23.753 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.003 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

Tgt Ion: 128 Resp: 49907

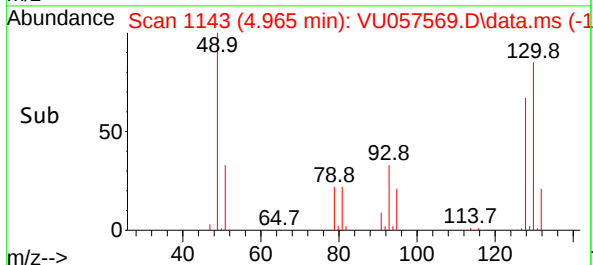
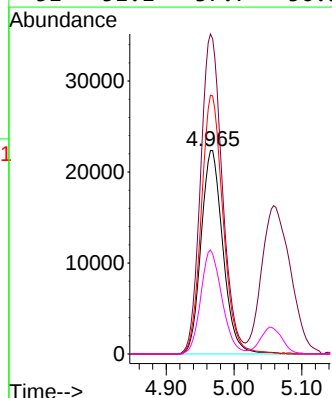
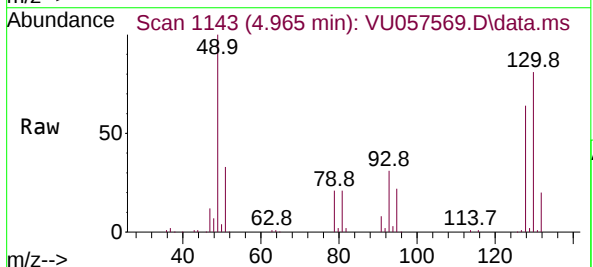
Ion Ratio Lower Upper

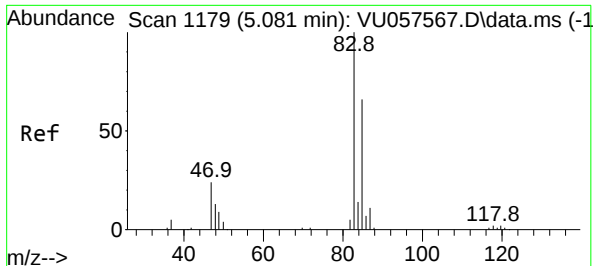
128 100

49 157.3 111.5 207.1

130 127.1 87.2 162.0

51 51.1 37.7 56.5





#25

Chloroform

Concen: 22.256 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

Instrument :

MSVOA_U

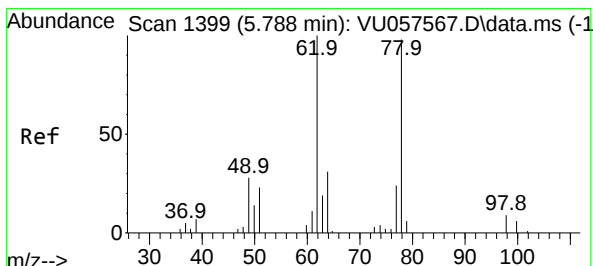
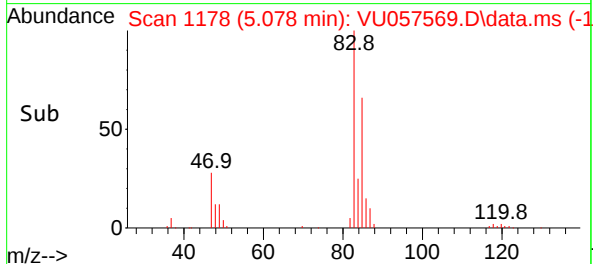
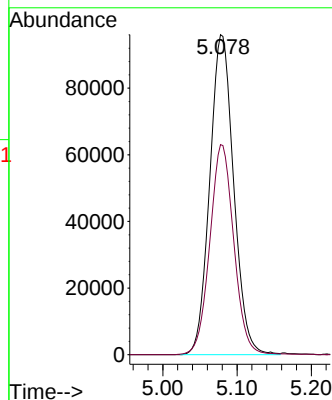
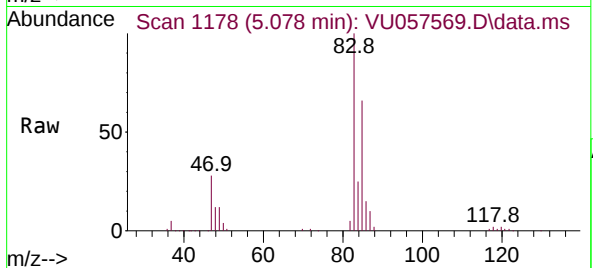
ClientSampleId :

Tgt Ion: 83 Resp: 214912

Ion Ratio Lower Upper

83 100

85 65.6 46.1 85.5



#27

1,2-Dichloroethane

Concen: 22.566 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU057569.D

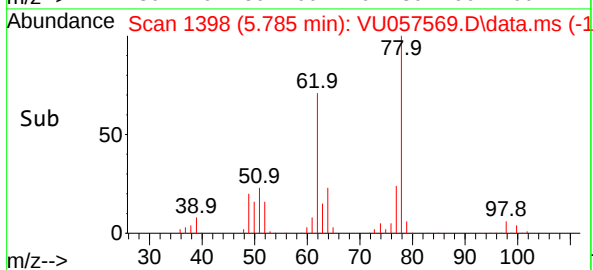
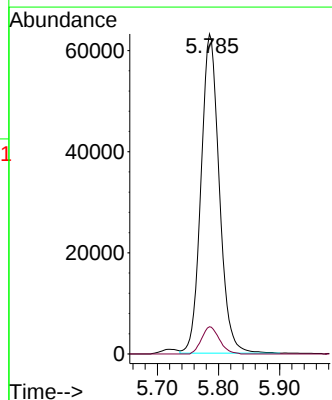
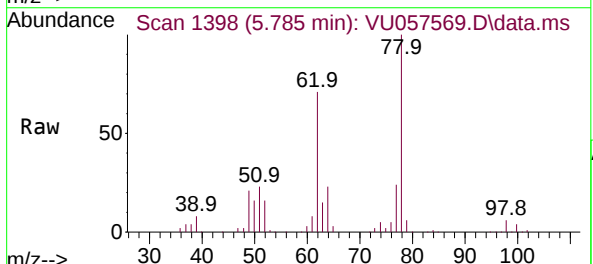
Acq: 23 Jan 2024 13:52

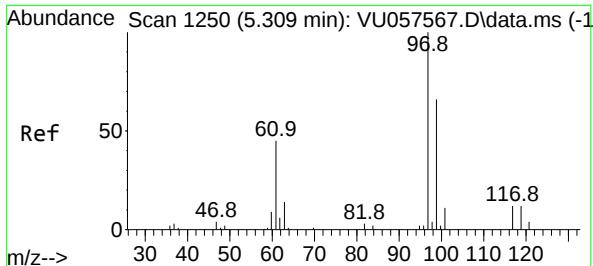
Tgt Ion: 62 Resp: 130917

Ion Ratio Lower Upper

62 100

98 8.5 6.9 10.3

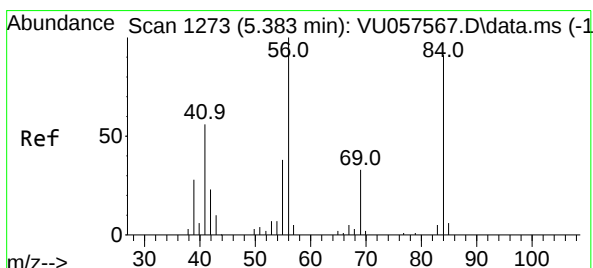
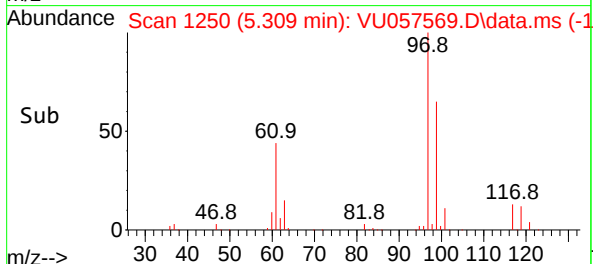
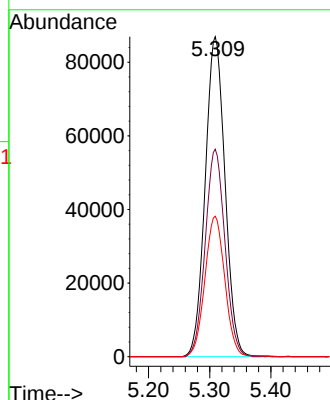
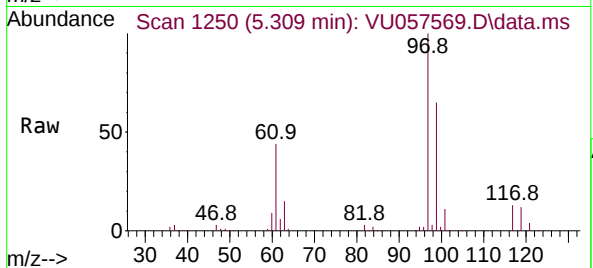




#29
1,1,1-Trichloroethane
Concen: 24.397 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

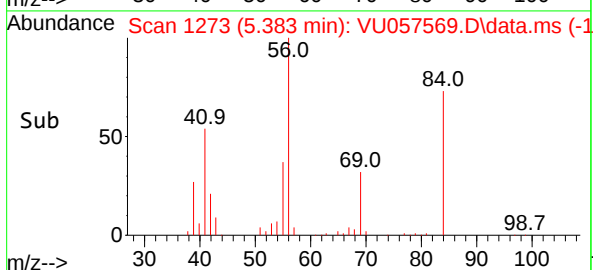
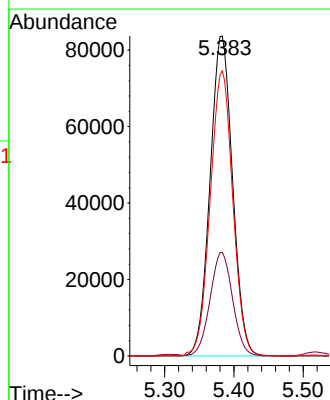
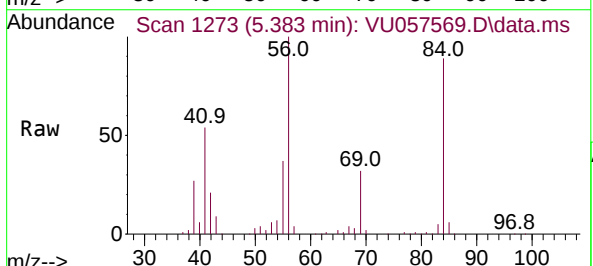
Instrument :
MSVOA_U
ClientSampleId :

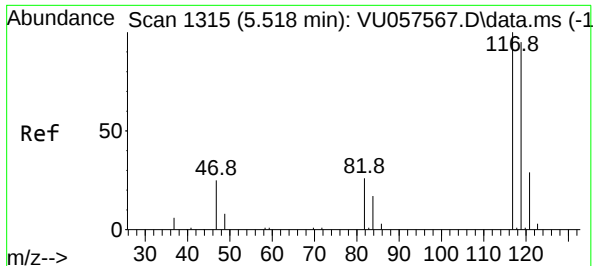
Tgt Ion: 97 Resp: 195888
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 44.2 35.3 52.9



#30
Cyclohexane
Concen: 27.746 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

Tgt Ion: 56 Resp: 188793
Ion Ratio Lower Upper
56 100
69 32.4 25.8 38.8
84 89.4 72.0 108.0

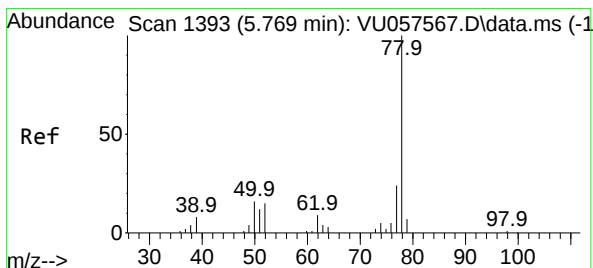
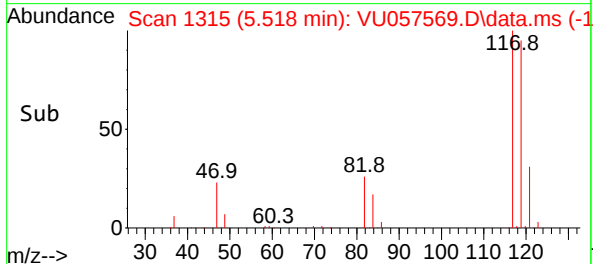
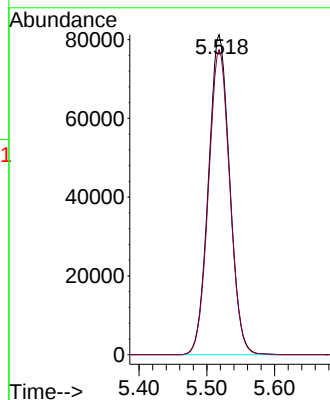
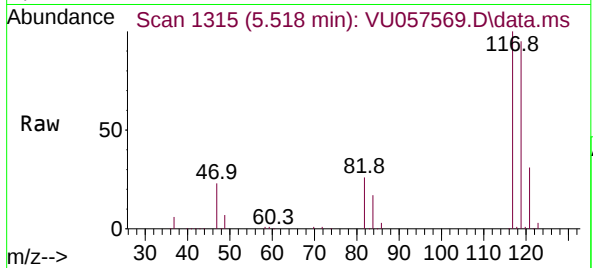




#31
Carbon tetrachloride
Concen: 25.974 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

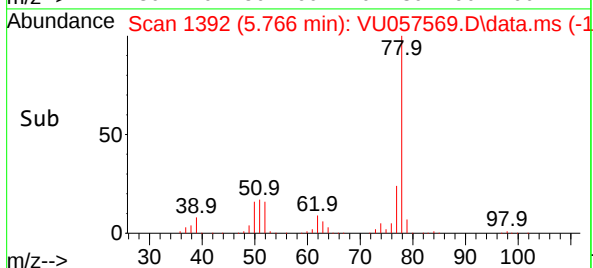
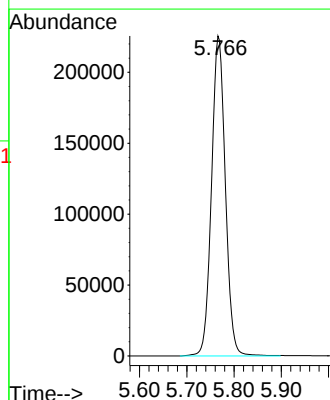
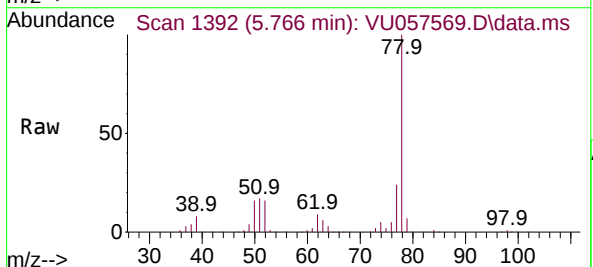
Instrument :
MSVOA_U
ClientSampleId :

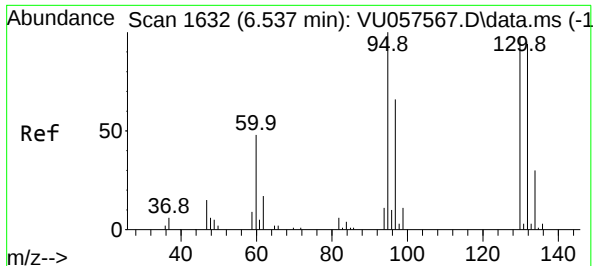
Tgt Ion:117 Resp: 176320
Ion Ratio Lower Upper
117 100
119 96.0 75.6 113.4



#33
Benzene
Concen: 24.091 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

Tgt Ion: 78 Resp: 459398

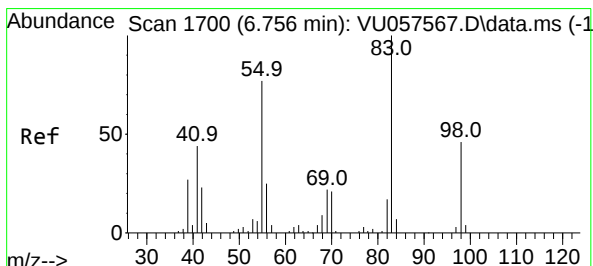
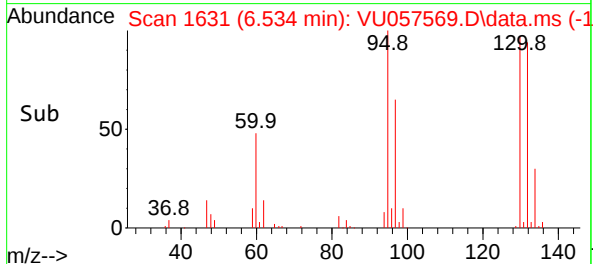
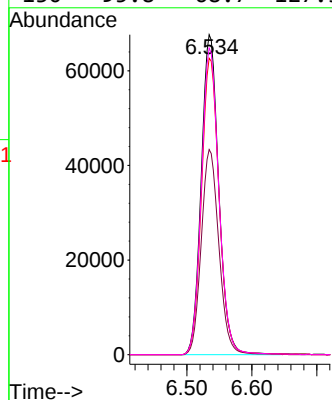
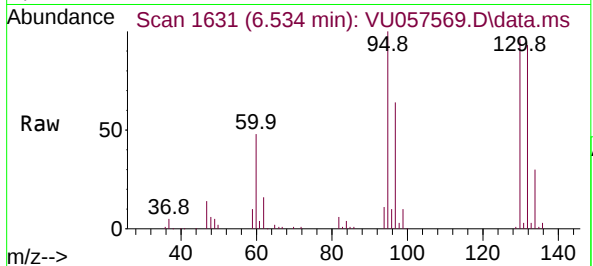




#34
Trichloroethene
Concen: 25.156 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

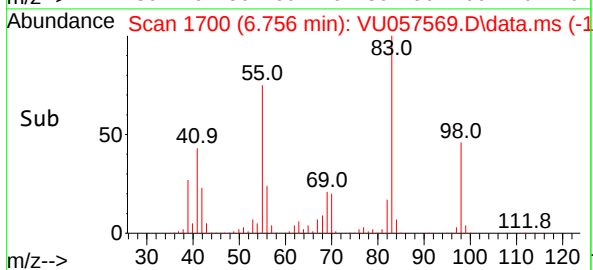
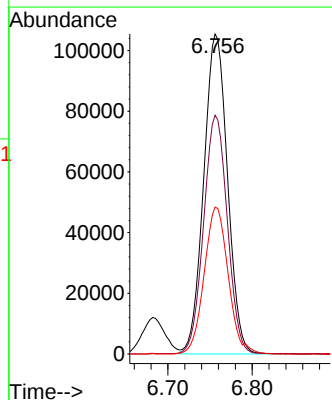
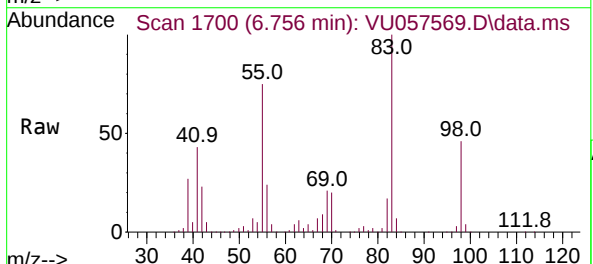
Instrument :
MSVOA_U
ClientSampleId :

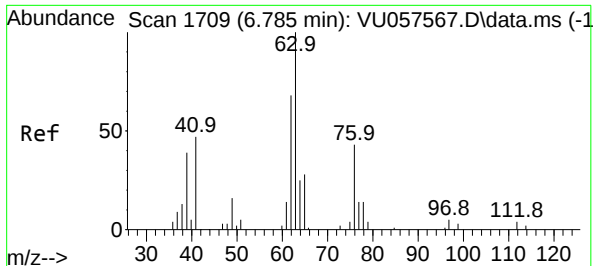
Tgt Ion: 95 Resp: 127158
Ion Ratio Lower Upper
95 100
97 64.1 46.1 85.5
132 92.6 66.1 122.8
130 95.8 68.7 127.5



#35
Methylcyclohexane
Concen: 29.229 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

Tgt Ion: 83 Resp: 207105
Ion Ratio Lower Upper
83 100
55 74.2 61.4 92.0
98 46.4 38.2 57.4

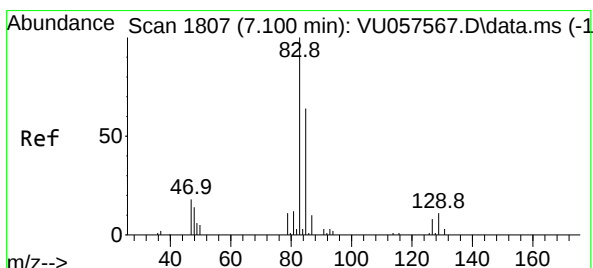
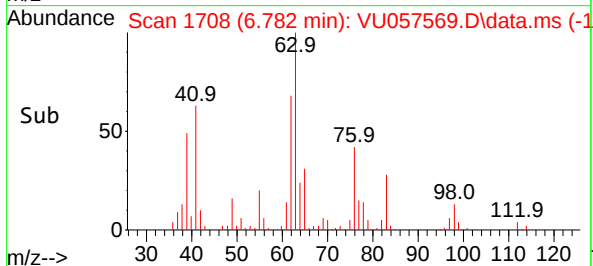
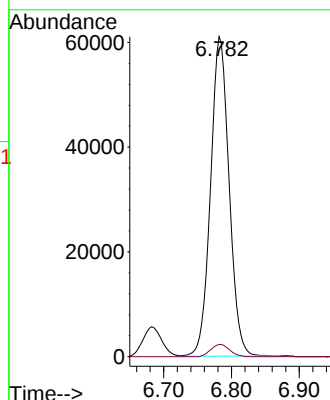
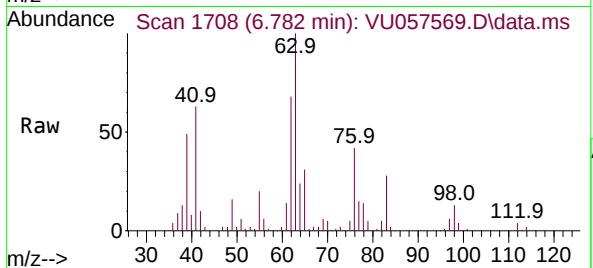




#37
1,2-Dichloropropane
Concen: 21.843 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

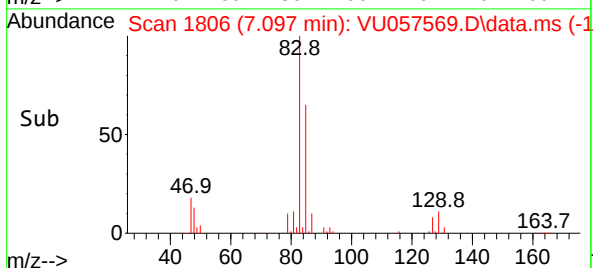
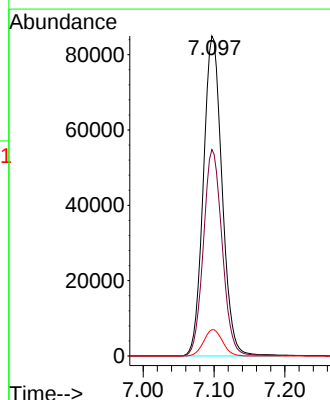
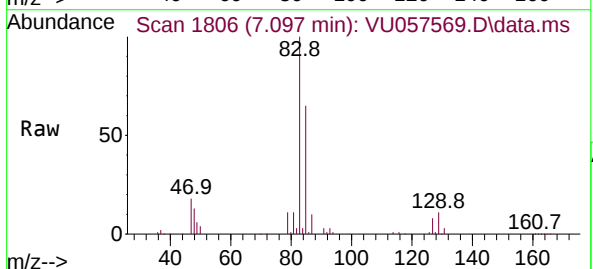
Instrument :
MSVOA_U
ClientSampleId :

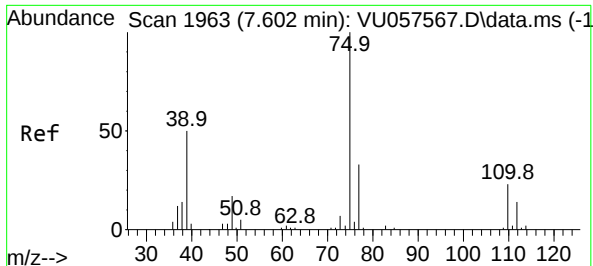
Tgt Ion: 63 Resp: 115956
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.4



#38
Bromodichloromethane
Concen: 23.955 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

Tgt Ion: 83 Resp: 156051
Ion Ratio Lower Upper
83 100
85 64.5 44.7 83.1
127 8.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 25.574 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

Instrument :

MSVOA_U

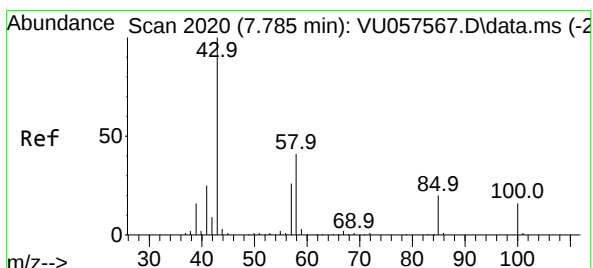
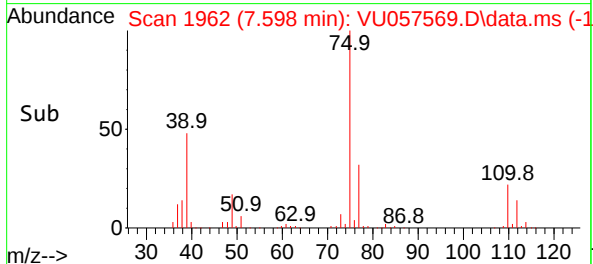
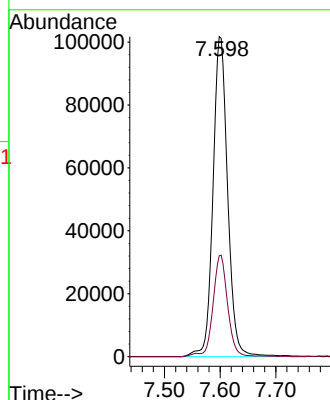
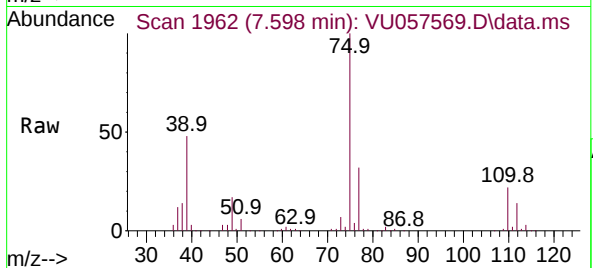
ClientSampleId :

Tgt Ion: 75 Resp: 186029

Ion Ratio Lower Upper

75 100

77 31.6 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 220.386 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

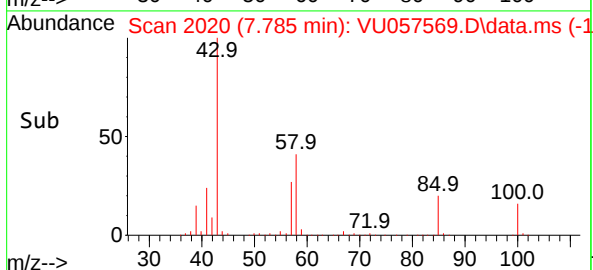
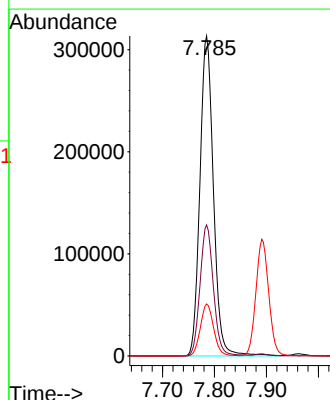
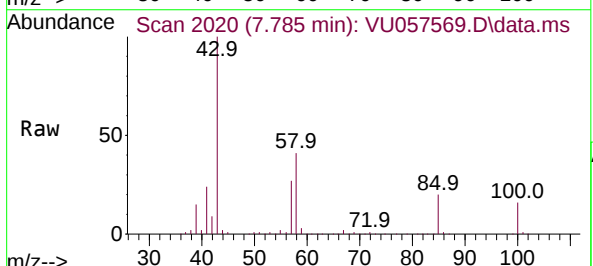
Tgt Ion: 43 Resp: 566765

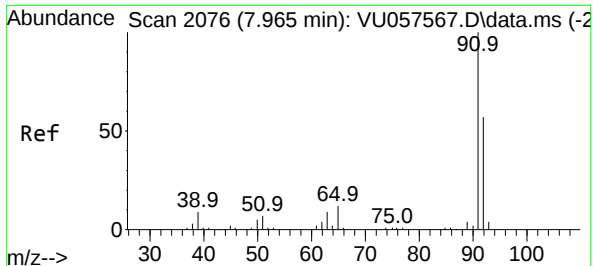
Ion Ratio Lower Upper

43 100

58 40.6 32.3 48.5

100 16.0 12.6 18.8





#42

Toluene

Concen: 26.188 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

Instrument :

MSVOA_U

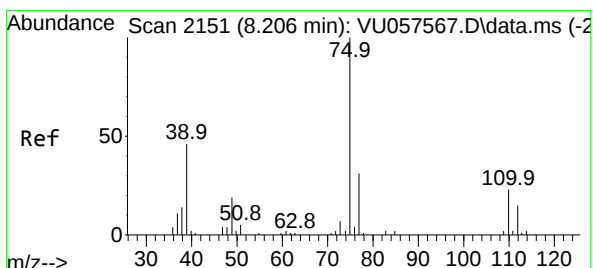
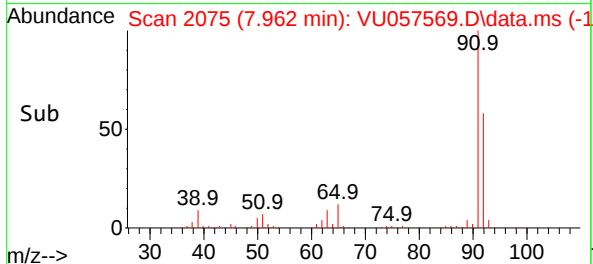
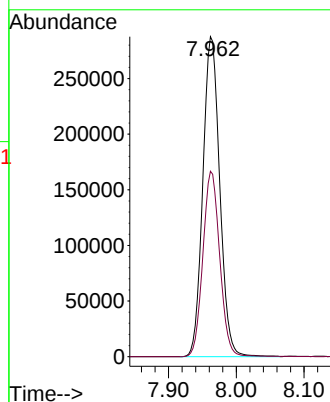
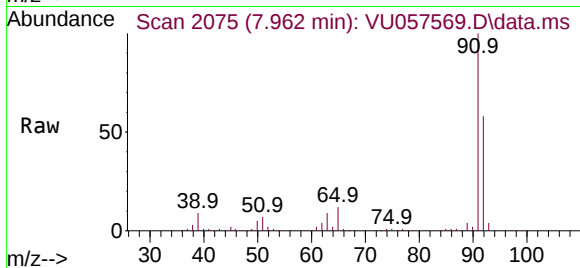
ClientSampleId :

Tgt Ion: 91 Resp: 499464

Ion Ratio Lower Upper

91 100

92 58.0 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 25.890 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU057569.D

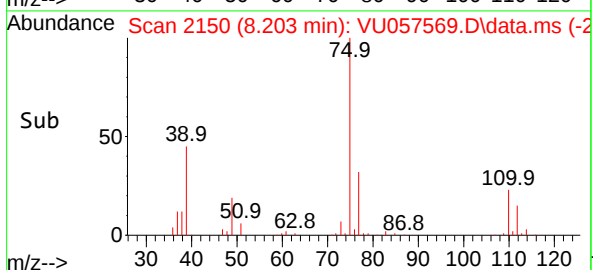
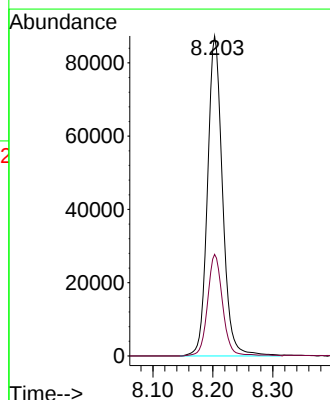
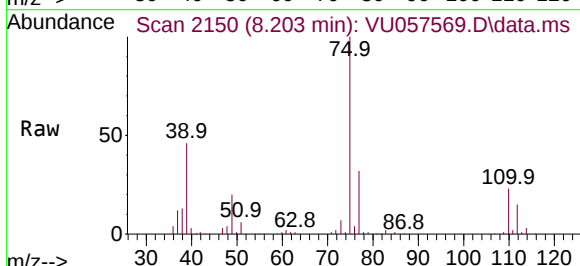
Acq: 23 Jan 2024 13:52

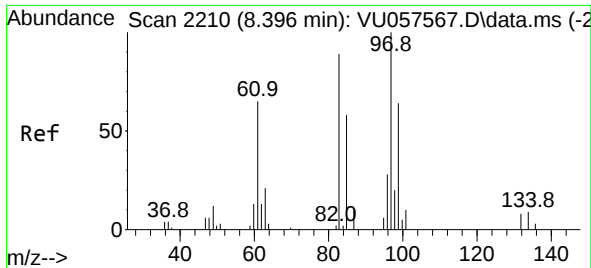
Tgt Ion: 75 Resp: 152523

Ion Ratio Lower Upper

75 100

77 31.7 21.3 39.6

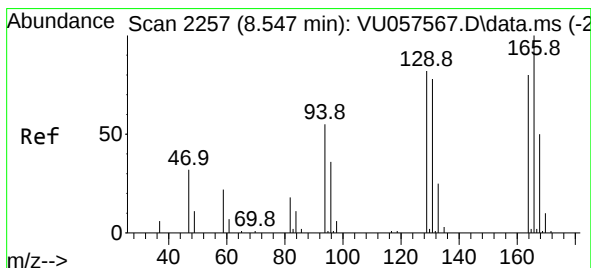
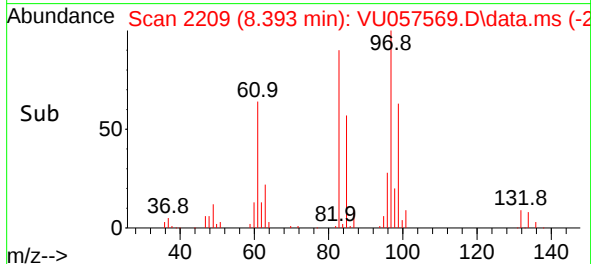
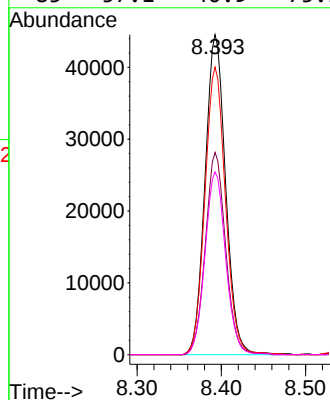
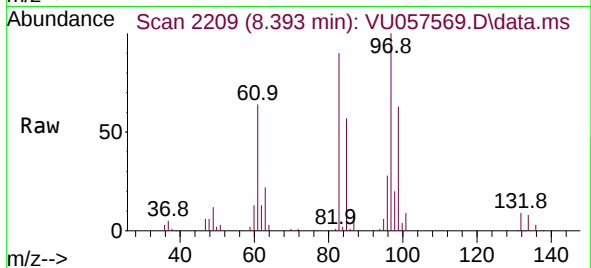




#45
1,1,2-Trichloroethane
Concen: 22.267 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

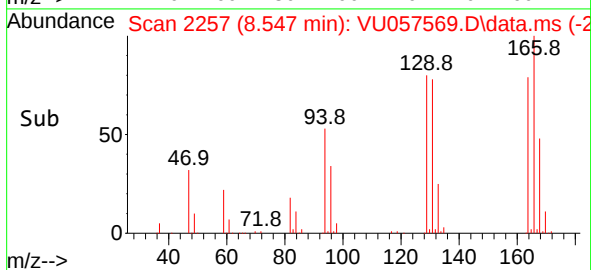
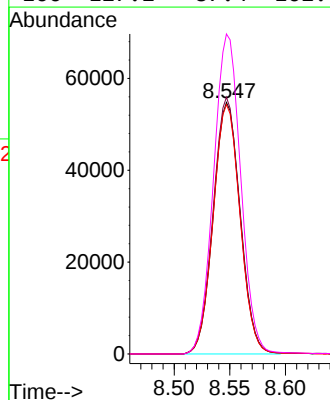
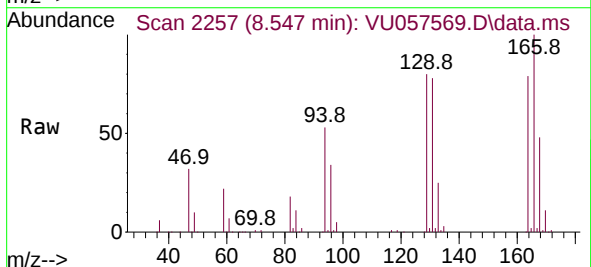
Instrument :
MSVOA_U
ClientSampleId :

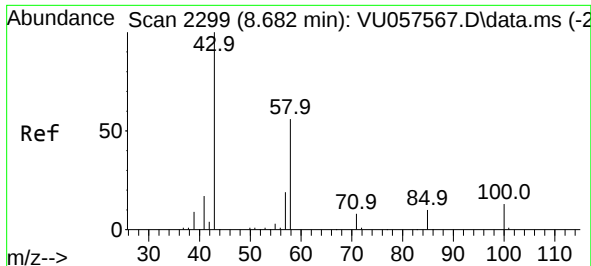
Tgt Ion:	97	Resp:	75736
Ion	Ratio	Lower	Upper
97	100		
99	63.2	45.1	83.7
83	89.9	62.3	115.7
85	57.1	40.9	75.9



#47
Tetrachloroethene
Concen: 26.684 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

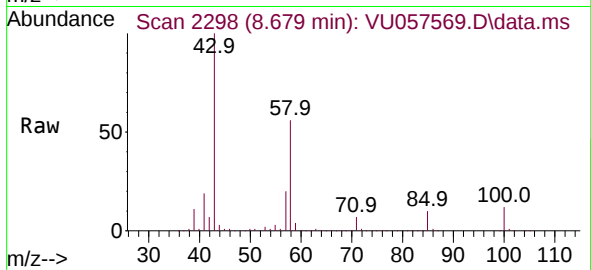
Tgt Ion:	164	Resp:	92476
Ion	Ratio	Lower	Upper
164	100		
129	102.1	71.3	132.5
131	99.2	68.1	126.5
166	127.2	87.4	162.4



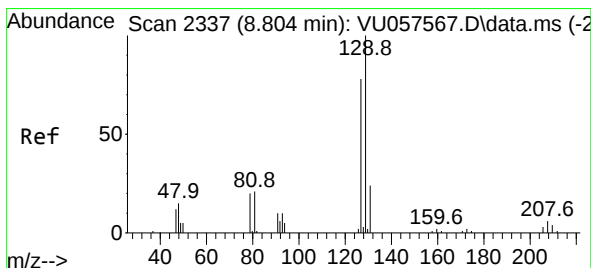
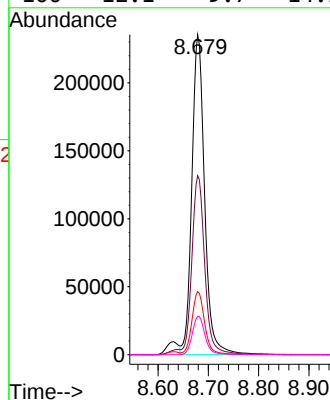
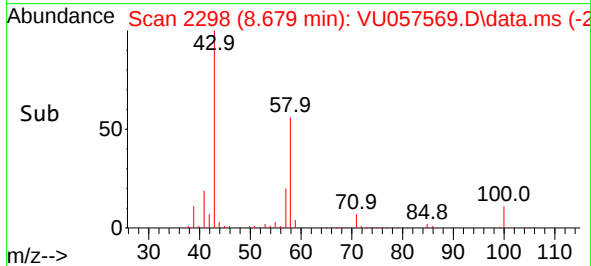


#48
2-Hexanone
Concen: 221.112 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

Instrument :
MSVOA_U
ClientSampleId :

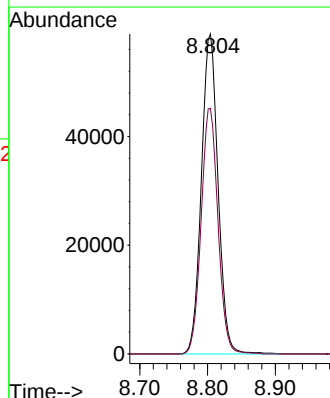
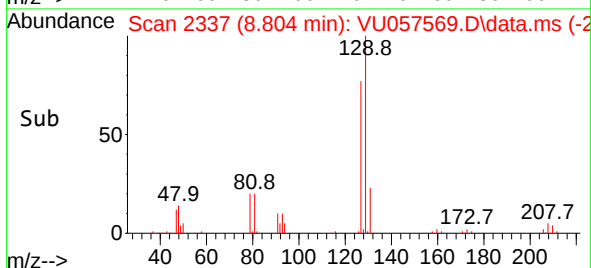
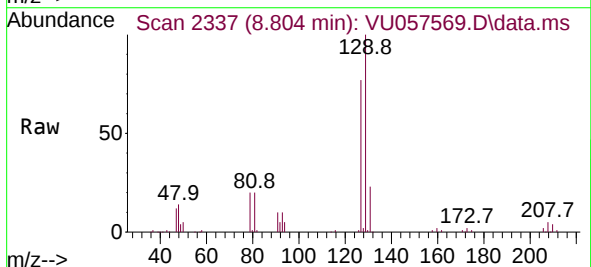


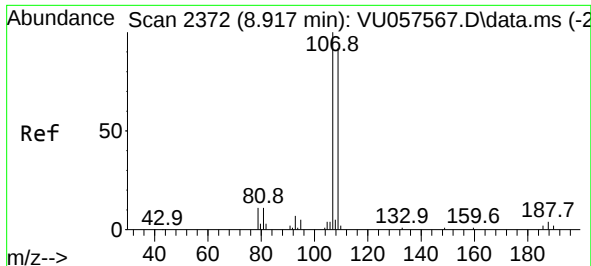
Tgt Ion: 43 Resp: 413270
Ion Ratio Lower Upper
43 100
58 58.0 44.3 66.5
57 19.9 15.5 23.3
100 12.1 9.7 14.5



#49
Dibromochloromethane
Concen: 26.040 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

Tgt Ion:129 Resp: 100523
Ion Ratio Lower Upper
129 100
127 76.7 54.5 101.1





#50

1,2-Dibromoethane

Concen: 25.555 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057569.D

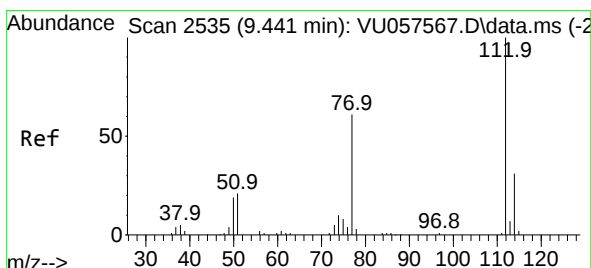
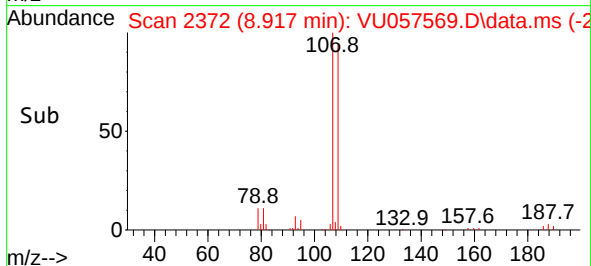
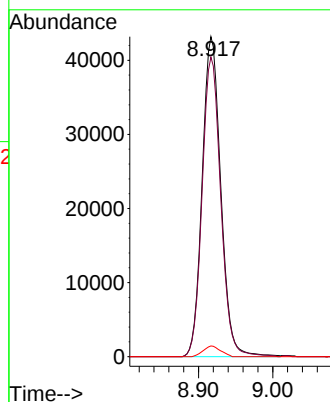
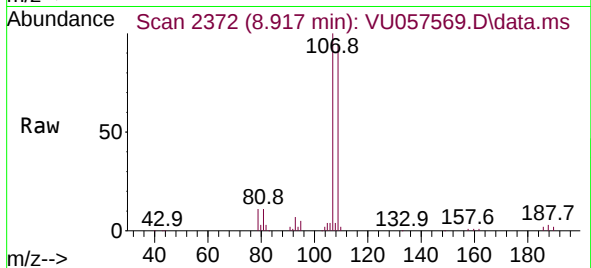
Acq: 23 Jan 2024 13:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	75162
Ion	Ratio	Lower	Upper
107	100		
109	93.6	64.5	119.9
188	3.3	2.9	4.3



#51

Chlorobenzene

Concen: 24.993 ug/L

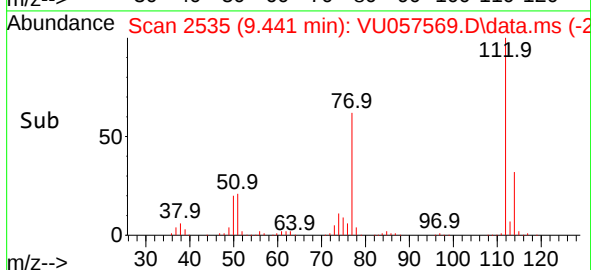
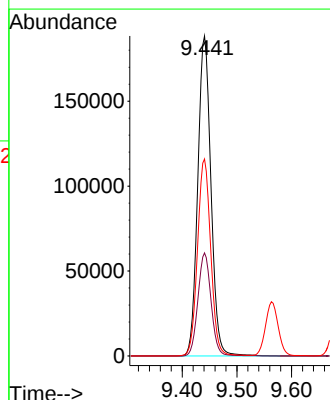
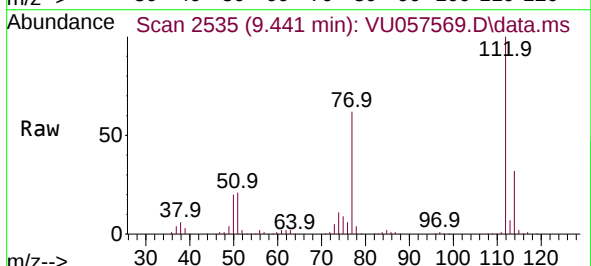
RT: 9.441 min Scan# 2535

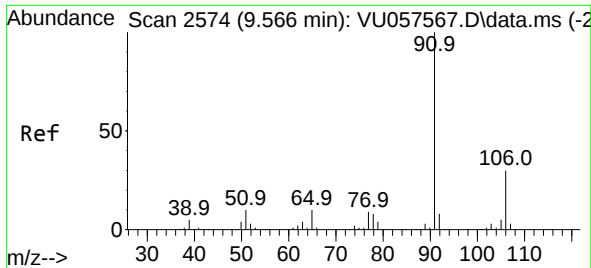
Delta R.T. 0.000 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

Tgt Ion:	112	Resp:	314862
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.0	40.8
77	61.6	49.2	73.8

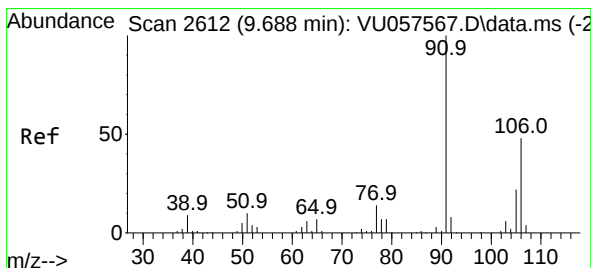
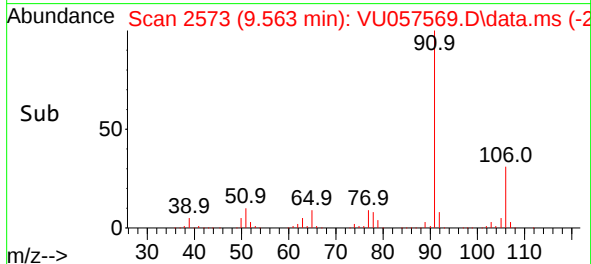
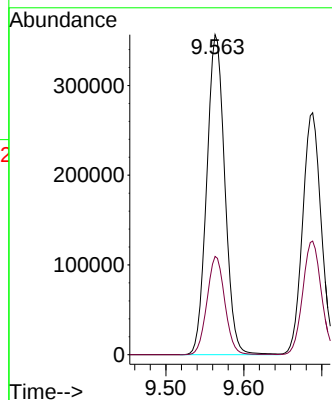
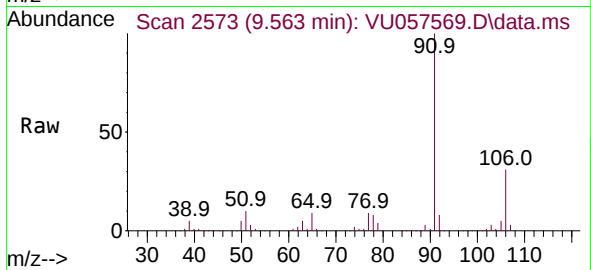




#52
Ethylbenzene
Concen: 27.330 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

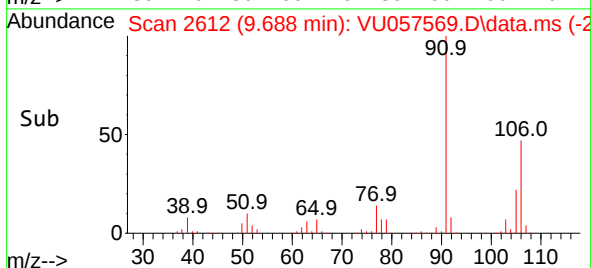
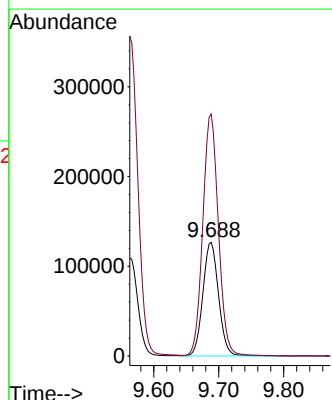
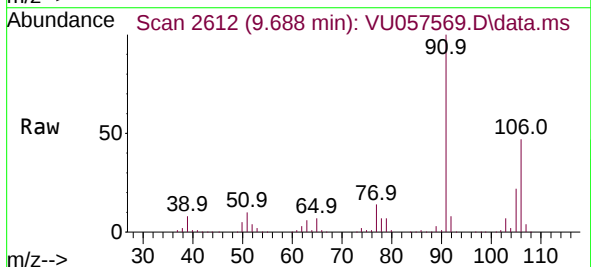
Instrument :
MSVOA_U
ClientSampleId :

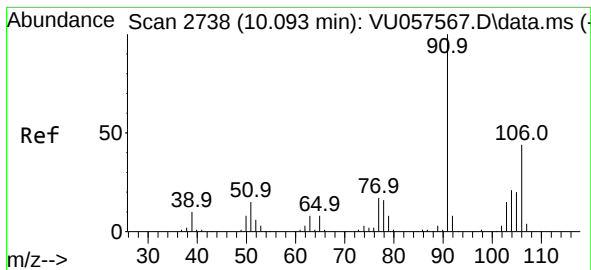
Tgt Ion: 91 Resp: 574047
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.5



#53
m,p-Xylene
Concen: 28.274 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

Tgt Ion:106 Resp: 213005
Ion Ratio Lower Upper
106 100
91 212.8 146.9 272.9





#54

o-Xylene

Concen: 28.399 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

Instrument :

MSVOA_U

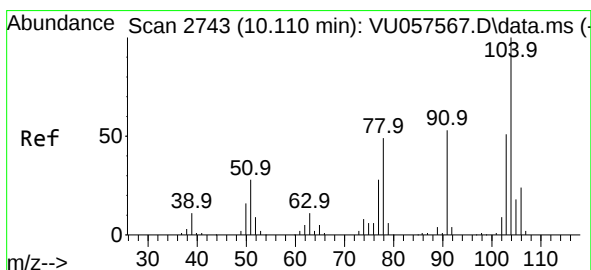
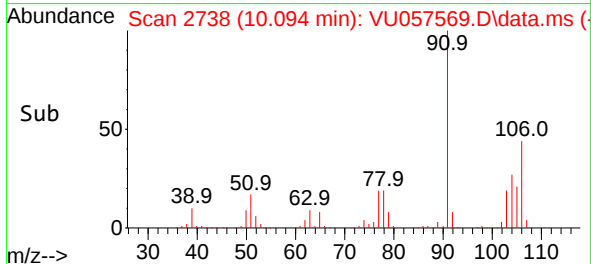
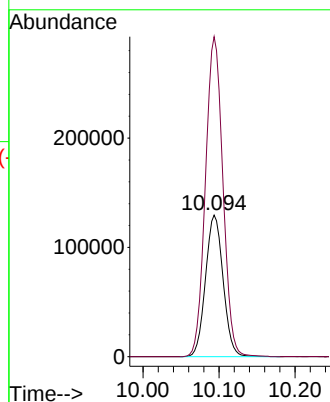
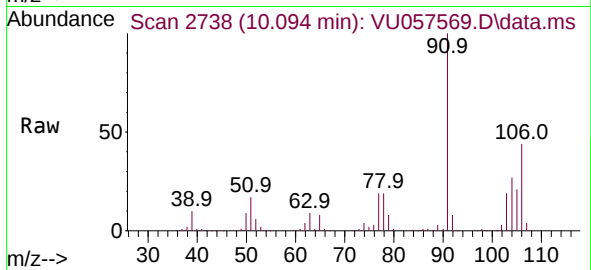
ClientSampleId :

Tgt Ion:106 Resp: 208142

Ion Ratio Lower Upper

106 100

91 225.9 158.1 293.5



#55

Styrene

Concen: 28.536 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.003 min

Lab File: VU057569.D

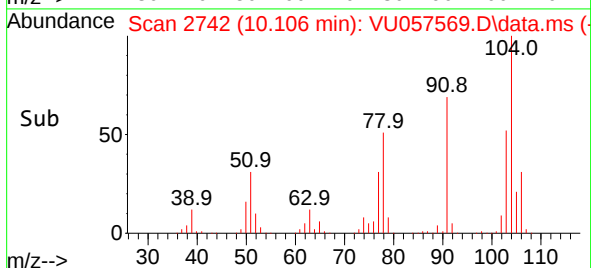
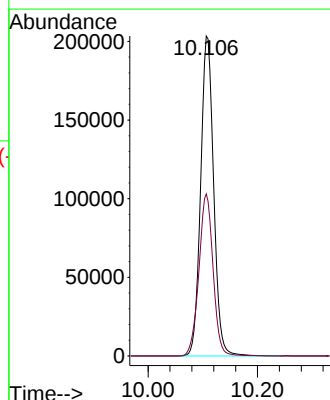
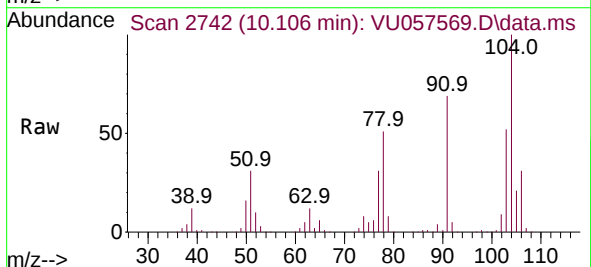
Acq: 23 Jan 2024 13:52

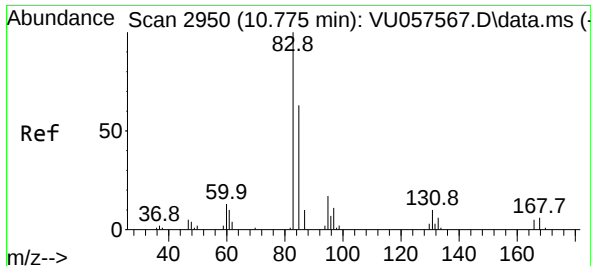
Tgt Ion:104 Resp: 336307

Ion Ratio Lower Upper

104 100

78 50.6 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 22.244 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

Instrument :

MSVOA_U

ClientSampleId :

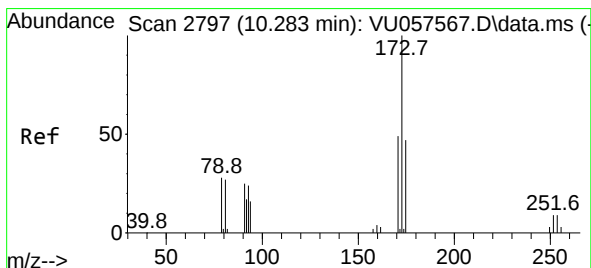
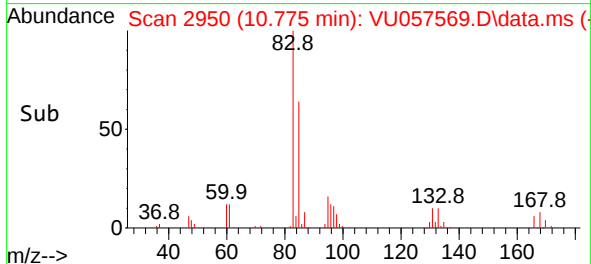
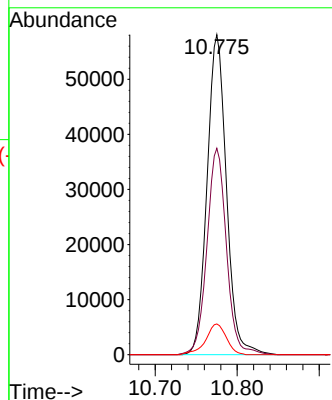
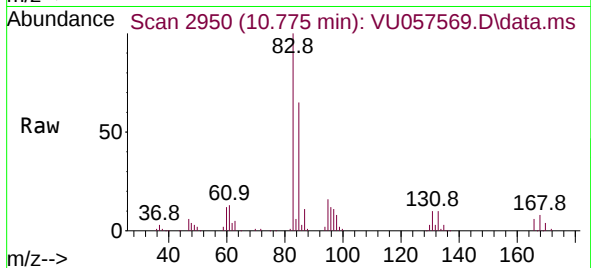
Tgt Ion: 83 Resp: 95352

Ion Ratio Lower Upper

83 100

85 64.5 44.4 82.5

131 9.6 8.3 12.5



#59

Bromoform

Concen: 24.371 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

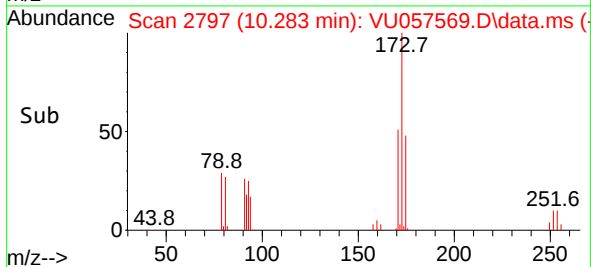
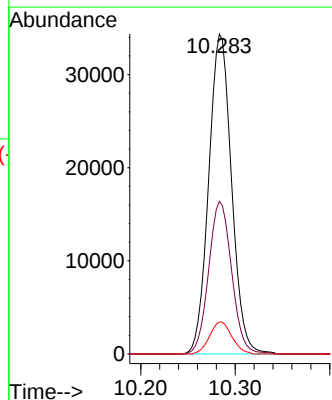
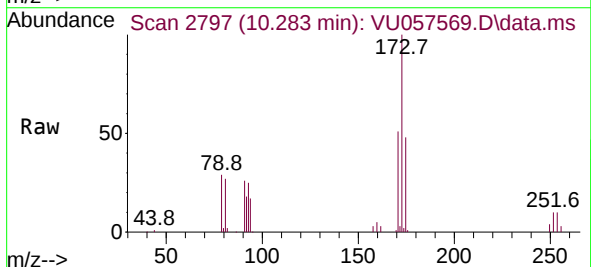
Tgt Ion:173 Resp: 57668

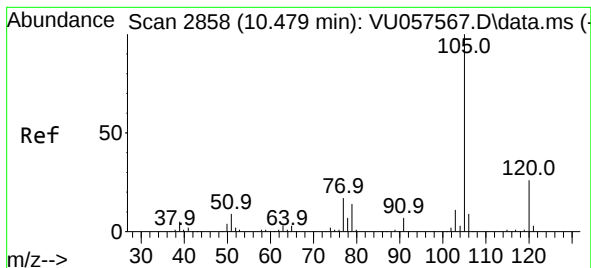
Ion Ratio Lower Upper

173 100

175 48.0 37.5 56.3

254 9.8 7.2 10.8





#60

Isopropylbenzene

Concen: 25.133 ug/L

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

Instrument :

MSVOA_U

ClientSampleId :

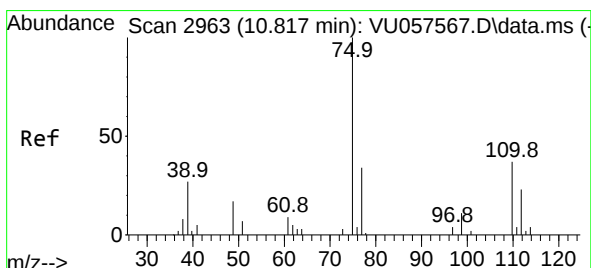
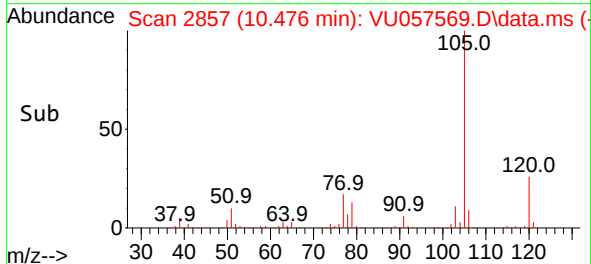
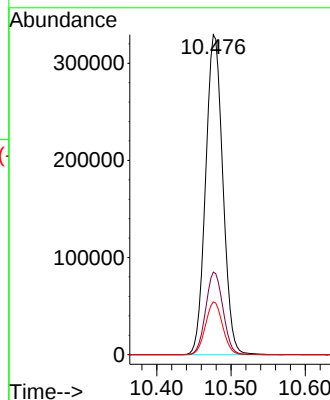
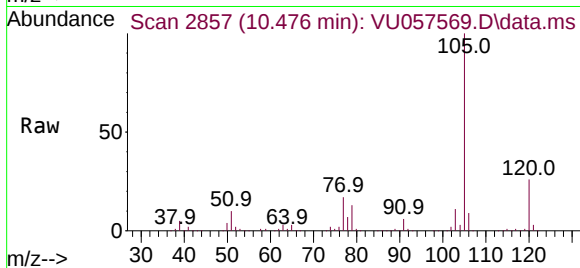
Tgt Ion:105 Resp: 529281

Ion Ratio Lower Upper

105 100

120 25.9 20.8 31.2

77 16.5 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 21.160 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

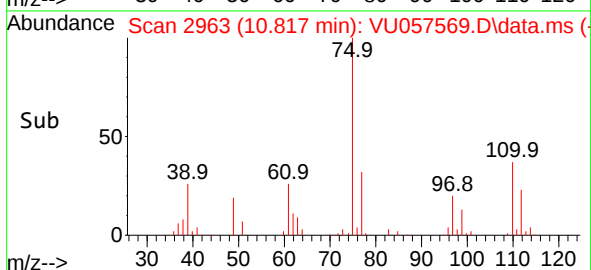
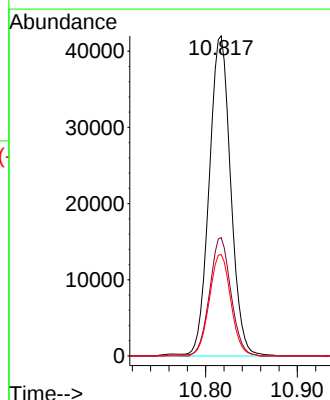
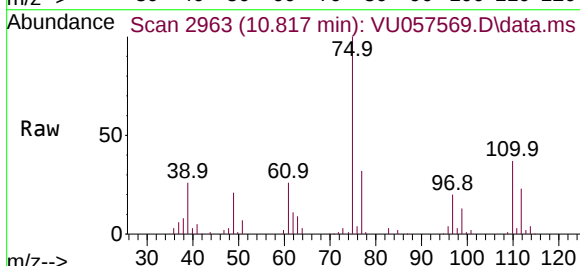
Tgt Ion: 75 Resp: 68480

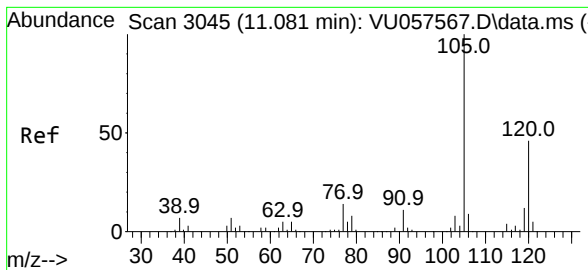
Ion Ratio Lower Upper

75 100

110 36.5 30.1 45.1

77 32.0 25.5 38.3

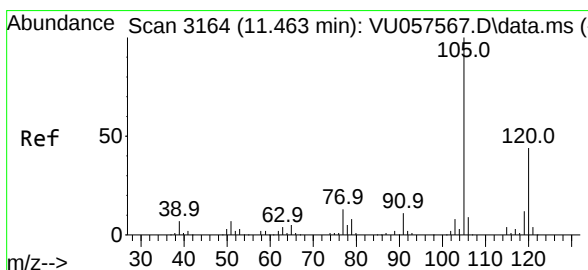
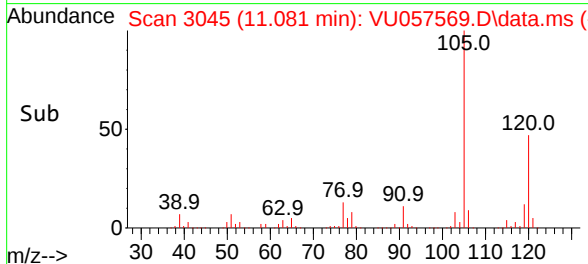
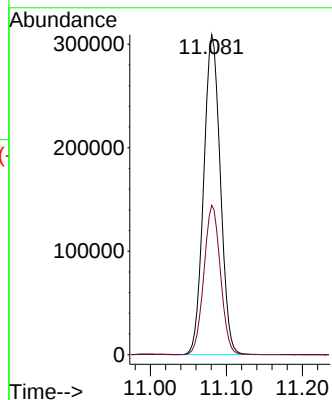
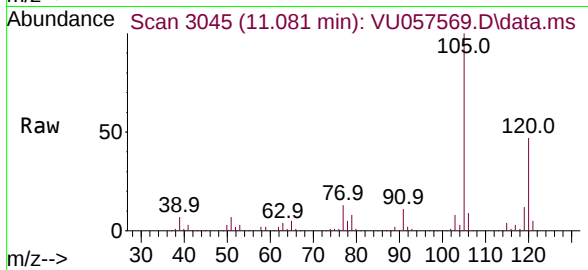




#62
1,3,5-Trimethylbenzene
Concen: 28.018 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

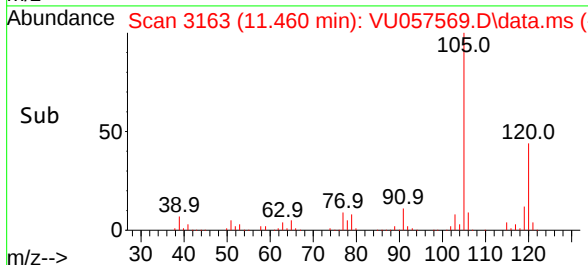
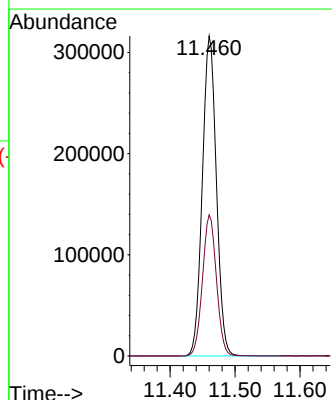
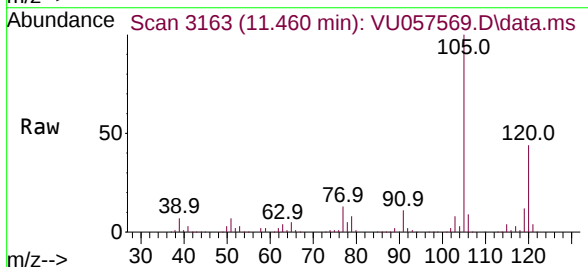
Instrument :
MSVOA_U
ClientSampleId :

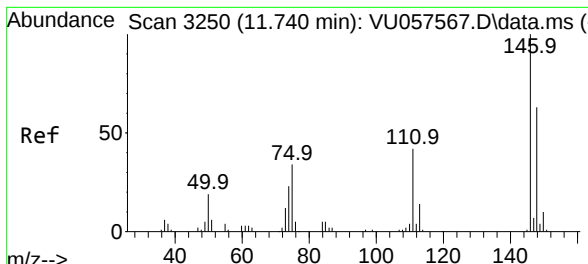
Tgt Ion:105 Resp: 468753
Ion Ratio Lower Upper
105 100
120 46.6 36.9 55.3



#63
1,2,4-Trimethylbenzene
Concen: 28.507 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

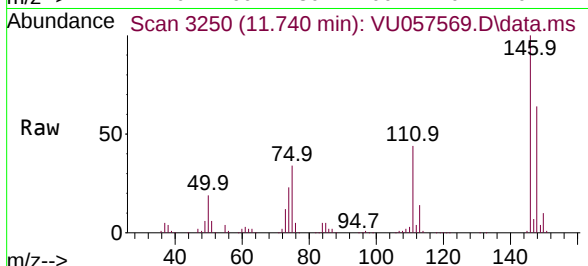
Tgt Ion:105 Resp: 476630
Ion Ratio Lower Upper
105 100
120 43.8 35.0 52.4



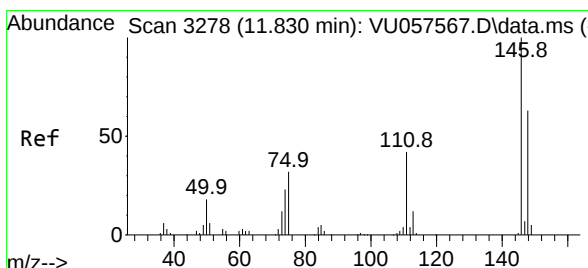
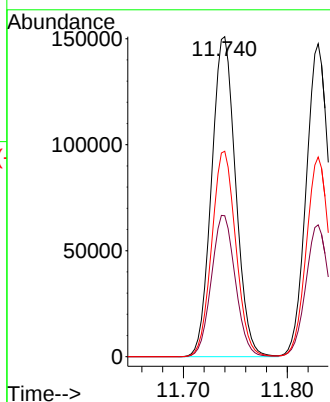
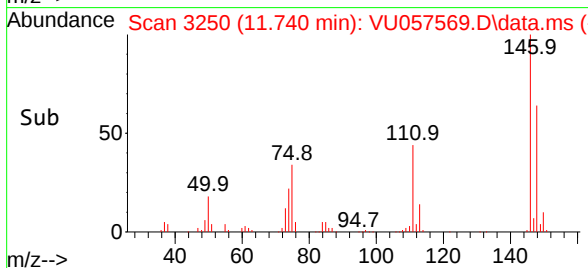


#64
1,3-Dichlorobenzene
Concen: 24.697 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

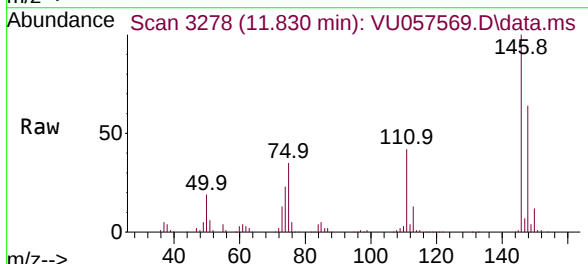
Instrument :
MSVOA_U
ClientSampleId :



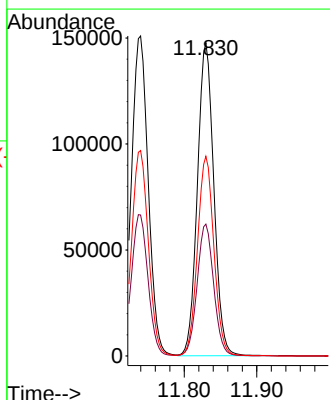
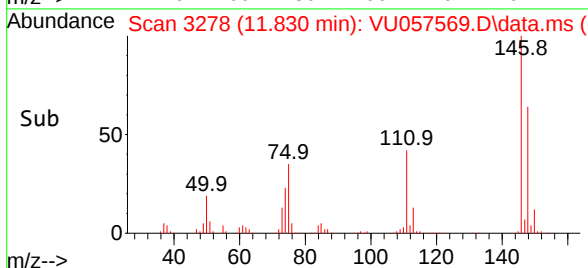
Tgt Ion:146 Resp: 243336
Ion Ratio Lower Upper
146 100
111 44.1 29.6 55.0
148 64.2 44.2 82.2

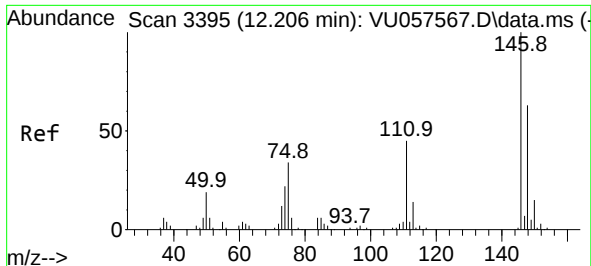


#65
1,4-Dichlorobenzene
Concen: 23.841 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52



Tgt Ion:146 Resp: 232458
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.7
148 63.8 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 24.123 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

Instrument :

MSVOA_U

ClientSampleId :

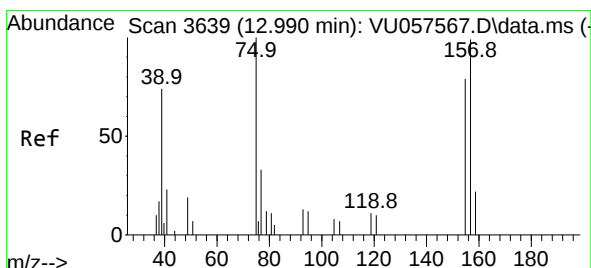
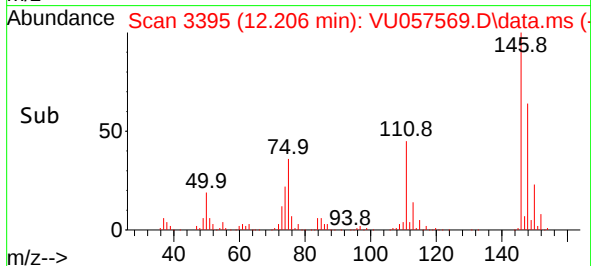
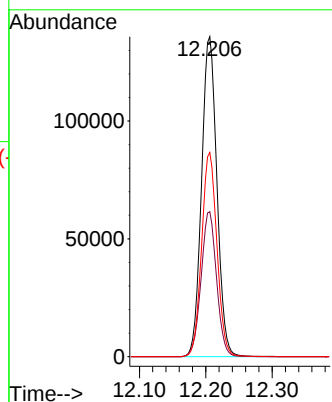
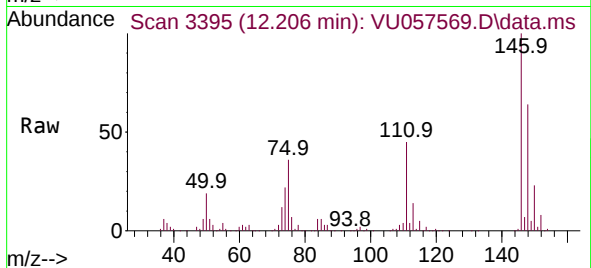
Tgt Ion:146 Resp: 218824

Ion Ratio Lower Upper

146 100

111 45.3 35.7 53.5

148 63.8 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.980 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

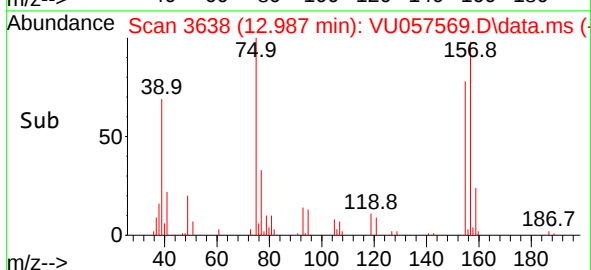
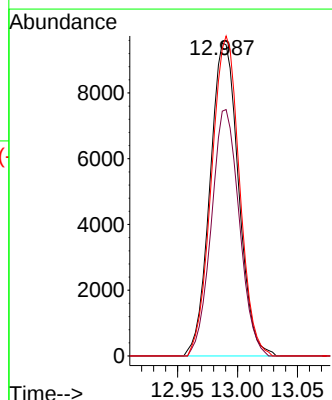
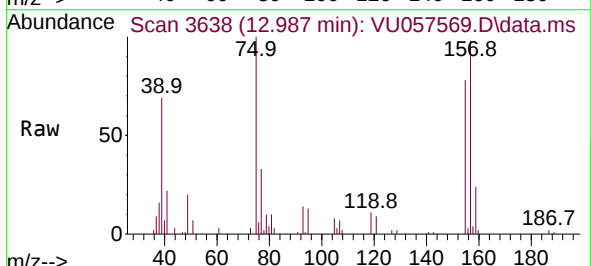
Tgt Ion: 75 Resp: 15749

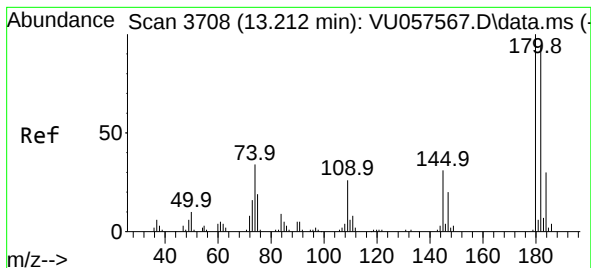
Ion Ratio Lower Upper

75 100

155 78.2 62.8 94.2

157 98.1 78.9 118.3





#69

1,3,5-Trichlorobenzene

Concen: 27.895 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 190059

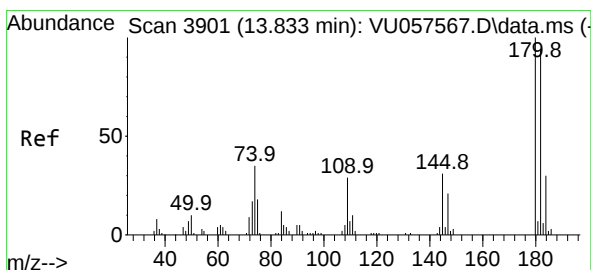
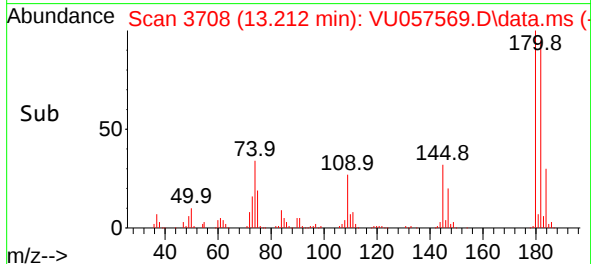
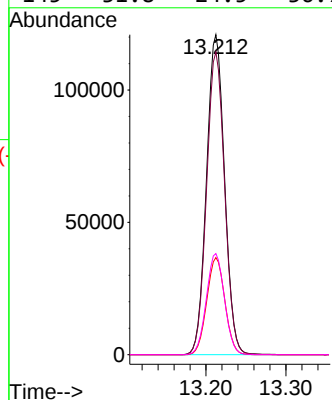
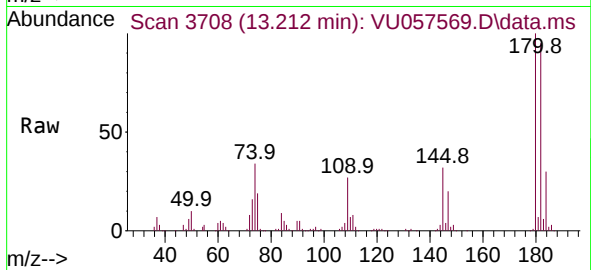
Ion Ratio Lower Upper

180 100

182 94.6 75.4 113.2

184 30.4 24.1 36.1

145 31.8 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 32.422 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU057569.D

Acq: 23 Jan 2024 13:52

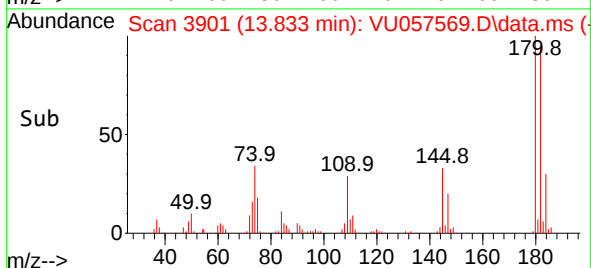
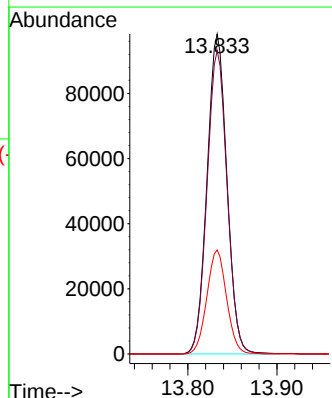
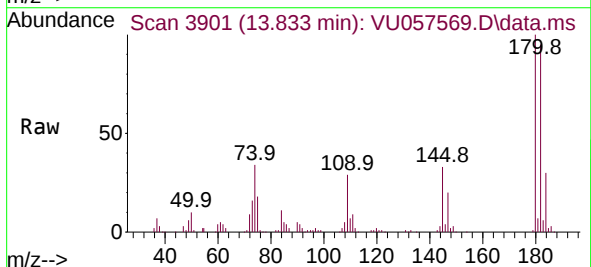
Tgt Ion:180 Resp: 151955

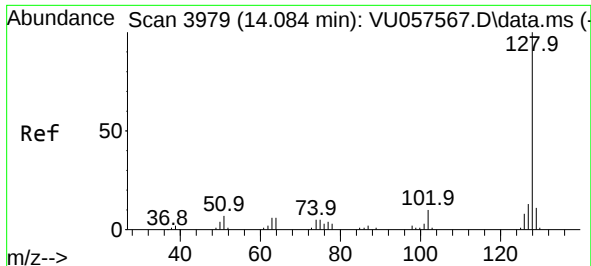
Ion Ratio Lower Upper

180 100

182 95.7 74.9 112.3

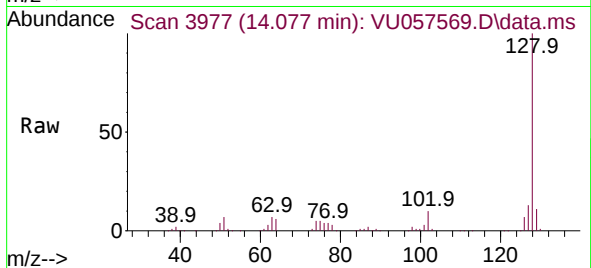
145 32.2 25.4 38.2



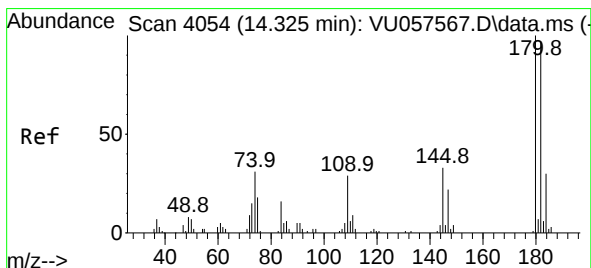
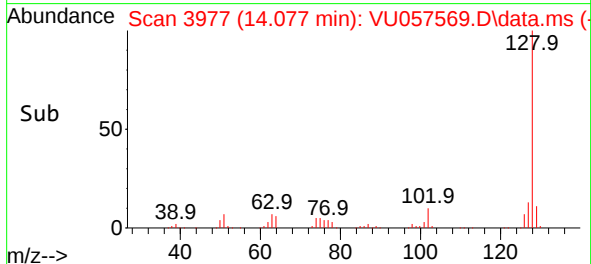
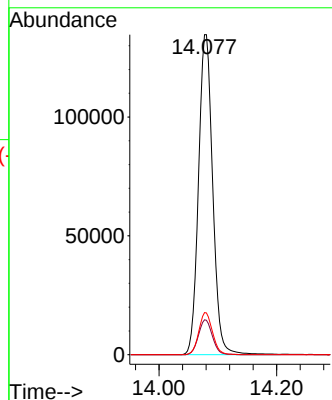


#71
Naphthalene
Concen: 33.664 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.006 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 225457
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.8 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 30.736 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU057569.D
Acq: 23 Jan 2024 13:52

Tgt Ion:180 Resp: 118177
Ion Ratio Lower Upper
180 100
182 95.5 78.1 117.1
145 34.5 26.7 40.1

