

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
 Data File : VU057969.D
 Acq On : 29 Feb 2024 11:22
 Operator : MD/SY
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 01 05:04:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 05:01:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156263	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	239753	26.136	ug/L	0.00
7) Chloroethane-d5	1.904	69	196095	25.547	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	105607	24.844	ug/L	0.00
20) 2-Butanone-d5	4.605	46	447897	266.909	ug/L	0.00
24) Chloroform-d	5.052	84	460402	25.085	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	214626	25.782	ug/L	0.00
32) Benzene-d6	5.718	84	922030	25.411	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	283148	25.765	ug/L	0.00
41) Toluene-d8	7.891	98	848782	24.780	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	104389	24.525	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	388024	282.662	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	177901	24.514	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	265253	24.547	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	197057	15.679	ug/L	100
3) Chloromethane	1.515	50	222138	17.179	ug/L	100
5) Vinyl chloride	1.599	62	245813	17.796	ug/L	97
6) Bromomethane	1.846	94	126359	17.437	ug/L	99
8) Chloroethane	1.923	64	154186	18.332	ug/L	94
9) Trichlorofluoromethane	2.132	101	346646	17.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	216972	18.159	ug/L	99
12) 1,1-Dichloroethene	2.573	96	194561	17.575	ug/L	97
13) Acetone	2.615	43	303025	197.392	ug/L	98
14) Carbon disulfide	2.785	76	597311	16.827	ug/L	100
15) Methyl Acetate	2.939	43	70618	18.139	ug/L	95
16) Methylene chloride	3.033	84	214771	17.982	ug/L	100
17) Methyl tert-butyl Ether	3.348	73	481180	18.427	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	209536	17.987	ug/L	98
19) 1,1-Dichloroethane	3.856	63	429895	19.613	ug/L	100
21) 2-Butanone	4.685	43	482363	200.789	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	236850	18.792	ug/L	99
23) Bromochloromethane	4.962	128	90689	18.183	ug/L	96
25) Chloroform	5.078	83	432206	18.804	ug/L	98
27) 1,2-Dichloroethane	5.782	62	245403	18.455	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	366287	17.481	ug/L	100
30) Cyclohexane	5.380	56	378929	18.568	ug/L	100
31) Carbon tetrachloride	5.515	117	321655	17.530	ug/L	100
33) Benzene	5.766	78	931495	18.761	ug/L	100
34) Trichloroethene	6.534	95	245535	18.088	ug/L	98
35) Methylcyclohexane	6.756	83	391970	17.929	ug/L	99
37) 1,2-Dichloropropane	6.782	63	243187	19.454	ug/L	99
38) Bromodichloromethane	7.097	83	298619	18.095	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	359738	18.906	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	1212163	203.233	ug/L	99
42) Toluene	7.962	91	991722	18.642	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	287660	18.736	ug/L	96

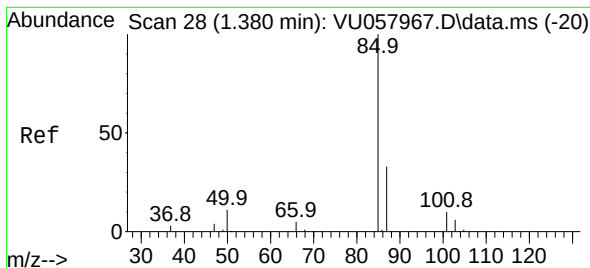
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	145342	18.217	ug/L	99
47) Tetrachloroethene	8.547	164	170443	17.319	ug/L	98
48) 2-Hexanone	8.676	43	880285	208.806	ug/L	97
49) Dibromochloromethane	8.804	129	180951	17.725	ug/L	99
50) 1,2-Dibromoethane	8.917	107	134343	17.549	ug/L	95
51) Chlorobenzene	9.441	112	609919	18.338	ug/L	99
52) Ethylbenzene	9.563	91	1135941	19.030	ug/L	100
53) m,p-Xylene	9.688	106	410910	18.618	ug/L	99
54) o-Xylene	10.094	106	407668	19.015	ug/L	100
55) Styrene	10.106	104	664090	20.034	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	175267	18.178	ug/L	97
59) Bromoform	10.283	173	91725	16.306	ug/L	99
60) Isopropylbenzene	10.476	105	1054621	18.488	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	124184	17.145	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	932347	18.607	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	937103	18.695	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	470242	18.204	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	449206	18.062	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	413216	17.943	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	28170	20.922	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	347814	18.538	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	286896	20.646	ug/L	98
71) Naphthalene	14.081	128	419666	21.500	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	223079	20.572	ug/L	99

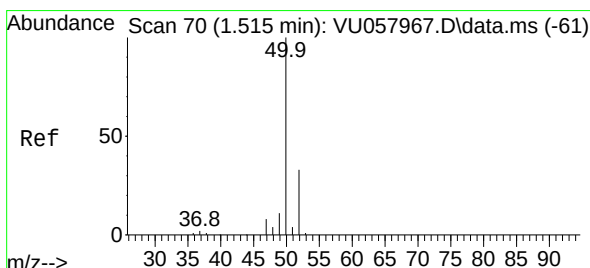
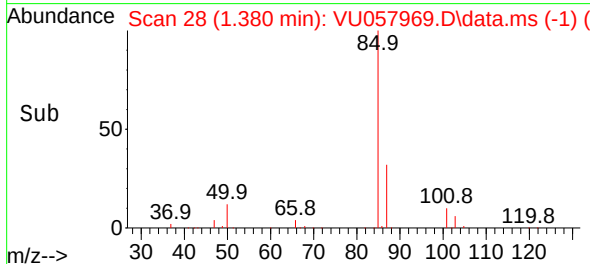
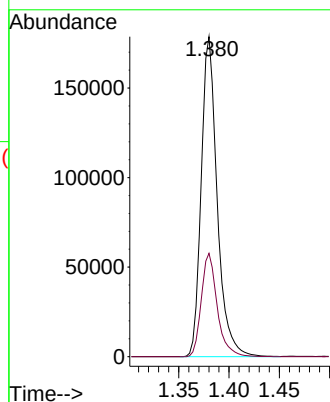
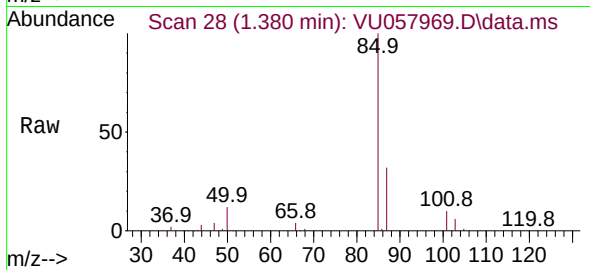
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 15.679 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU057969.D
 Acq: 29 Feb 2024 11:22

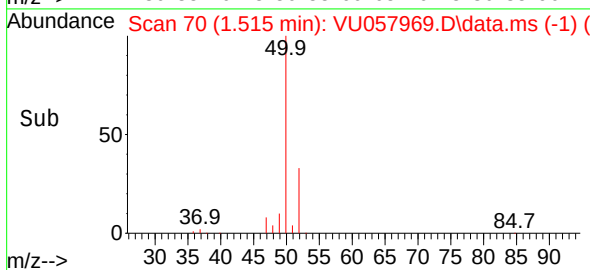
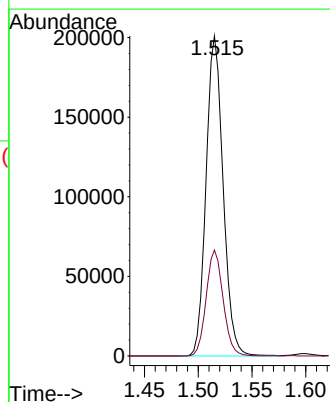
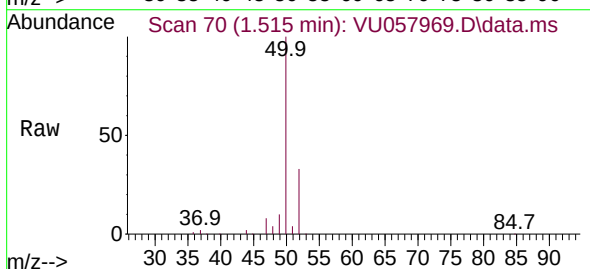
Instrument :
 MSVOA_U
 ClientSampleId :

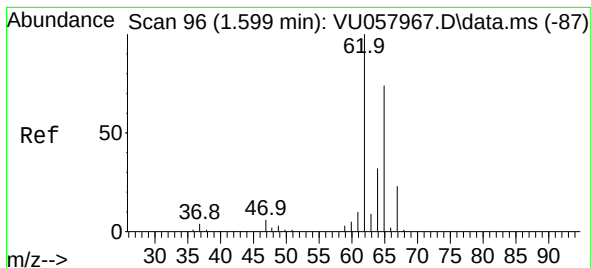
Tgt Ion: 85 Resp: 197057
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 17.179 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU057969.D
 Acq: 29 Feb 2024 11:22

Tgt Ion: 50 Resp: 222138
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.1 42.9





#5

Vinyl chloride

Concen: 17.796 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

Instrument :

MSVOA_U

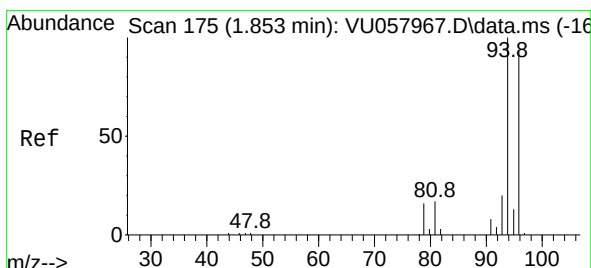
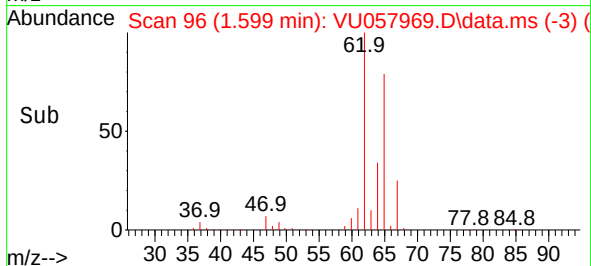
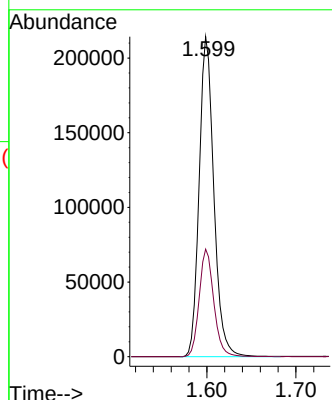
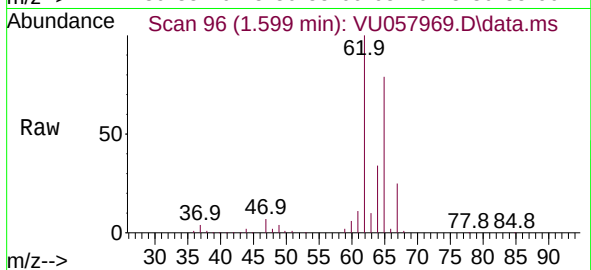
ClientSampleId :

Tgt Ion: 62 Resp: 245813

Ion Ratio Lower Upper

62 100

64 33.6 22.5 41.7



#6

Bromomethane

Concen: 17.437 ug/L

RT: 1.846 min Scan# 173

Delta R.T. -0.006 min

Lab File: VU057969.D

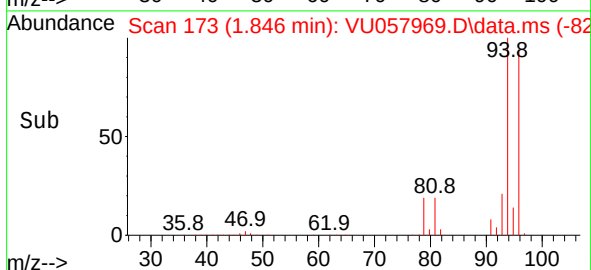
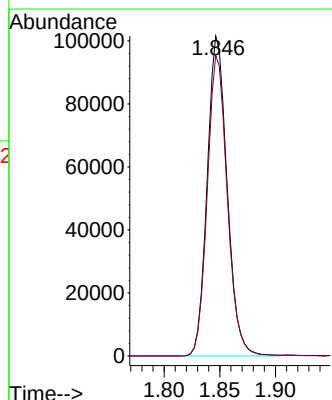
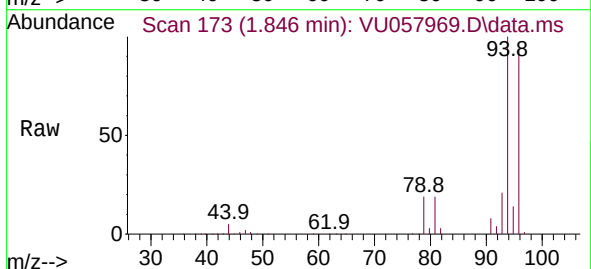
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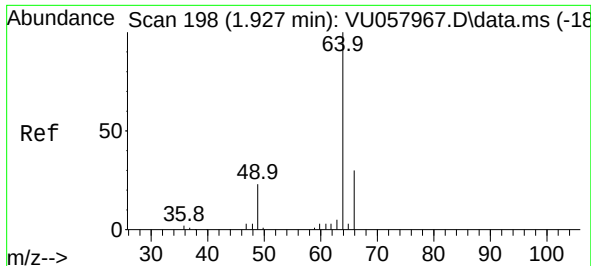
Tgt Ion: 94 Resp: 126359

Ion Ratio Lower Upper

94 100

96 93.9 65.2 121.2

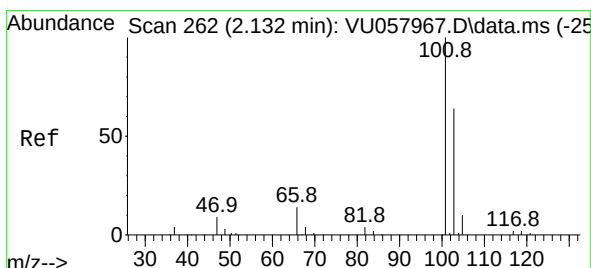
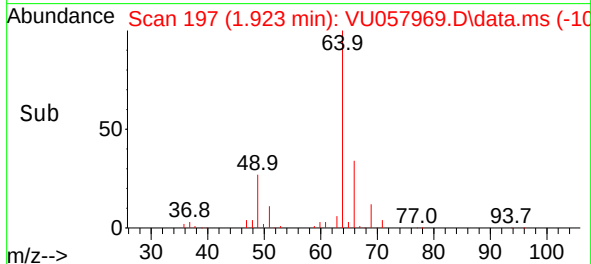
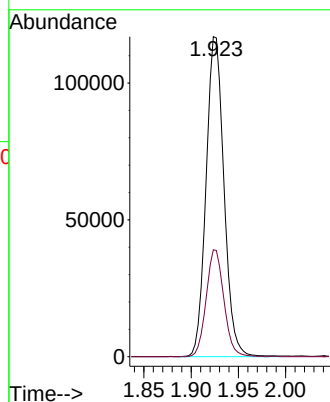
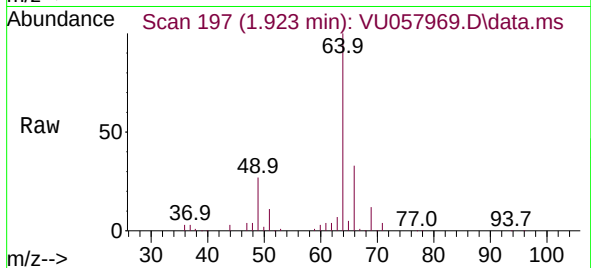




#8
Chloroethane
Concen: 18.332 ug/L
RT: 1.923 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

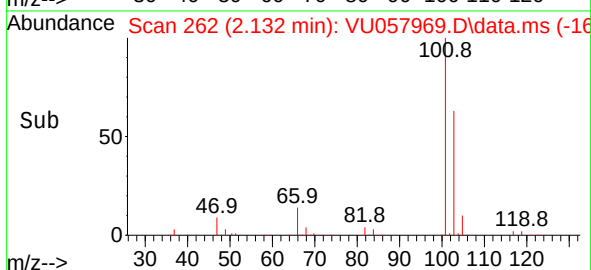
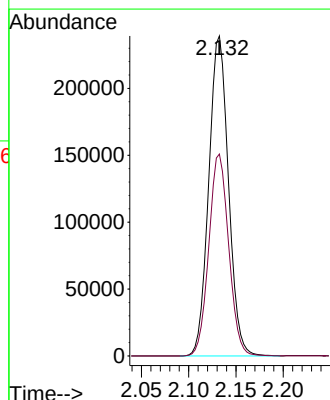
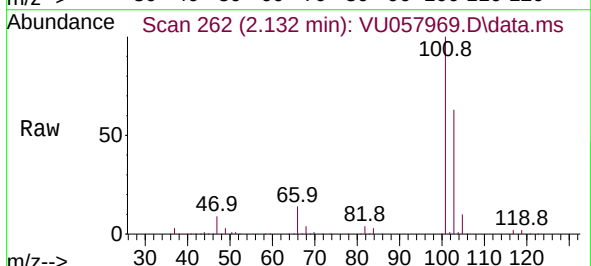
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ClientSampleId :

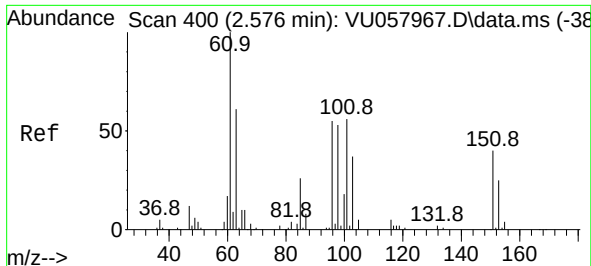
Tgt Ion: 64 Resp: 154186
Ion Ratio Lower Upper
64 100
66 33.4 20.9 38.9



#9
Trichlorofluoromethane
Concen: 17.051 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

Tgt Ion:101 Resp: 346646
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

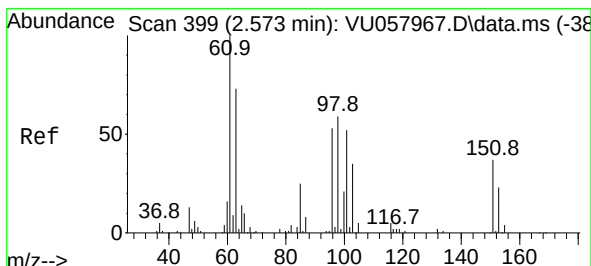
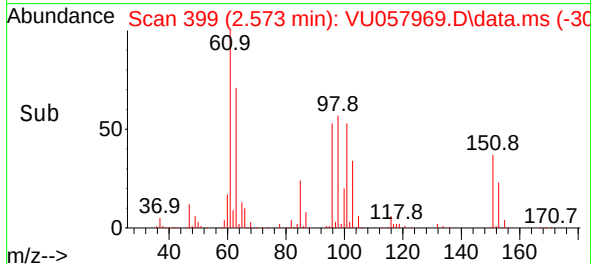
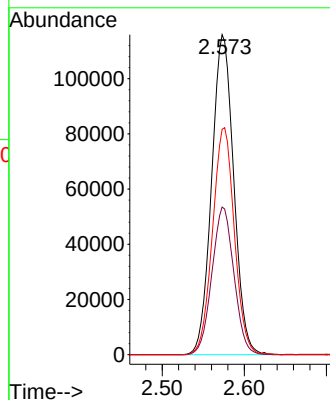
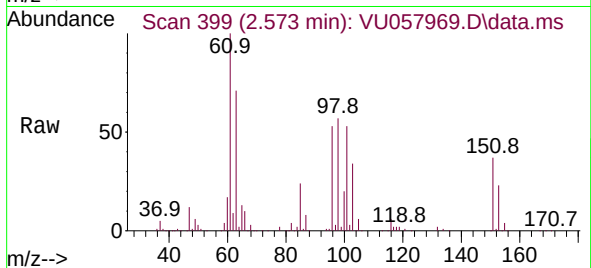




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 18.159 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

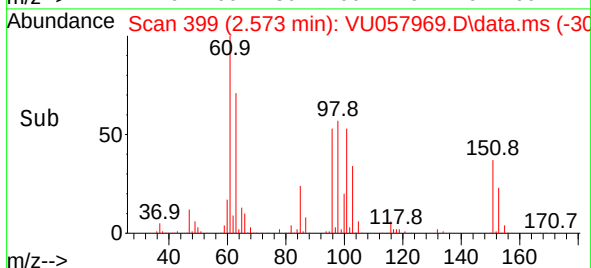
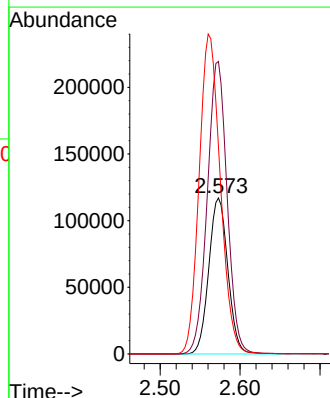
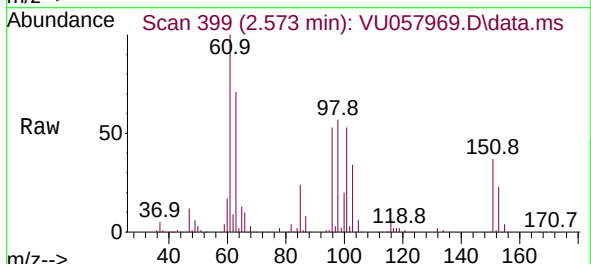
Instrument :
MSVOA_U
ClientSampleId :

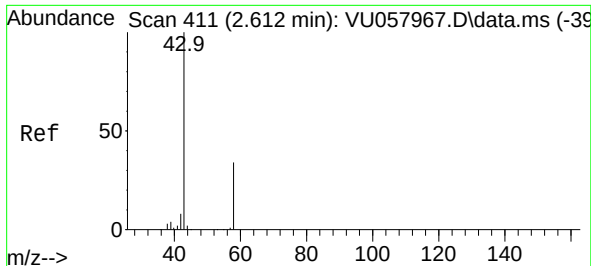
Tgt Ion:101 Resp: 216972
Ion Ratio Lower Upper
101 100
85 46.0 37.3 55.9
151 70.3 56.0 84.0



#12
1,1-Dichloroethene
Concen: 17.575 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

Tgt Ion: 96 Resp: 194561
Ion Ratio Lower Upper
96 100
61 187.5 131.8 244.8
63 133.2 98.1 182.1





#13

Acetone

Concen: 197.392 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

Instrument :

MSVOA_U

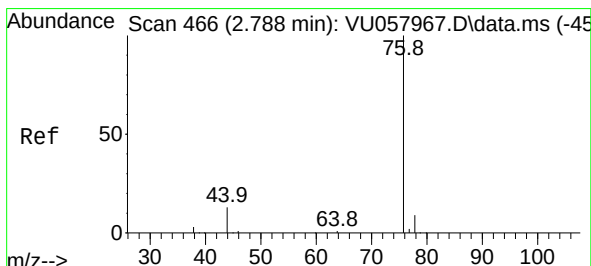
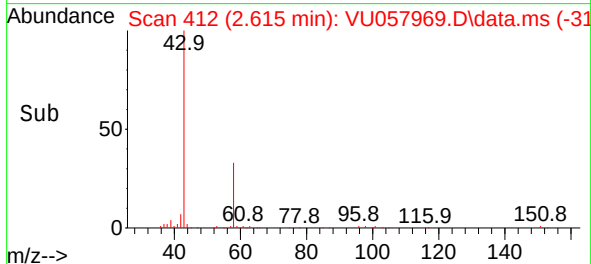
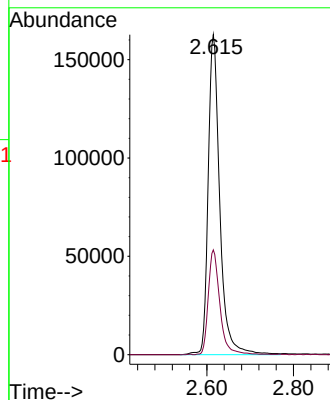
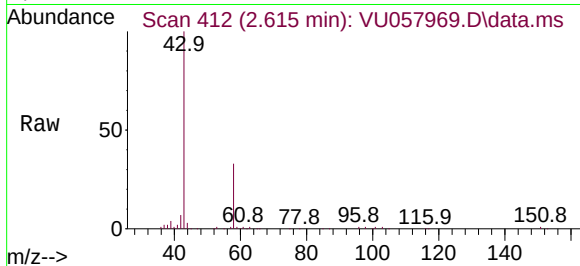
ClientSampleId :

Tgt Ion: 43 Resp: 303025

Ion Ratio Lower Upper

43 100

58 32.8 0.0 63.6



#14

Carbon disulfide

Concen: 16.827 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU057969.D

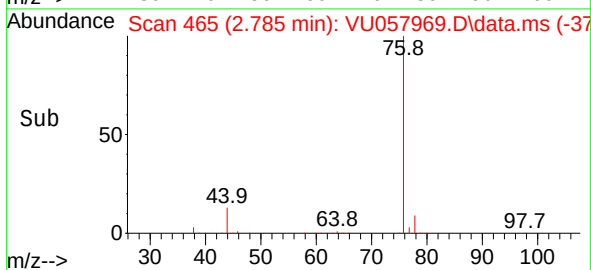
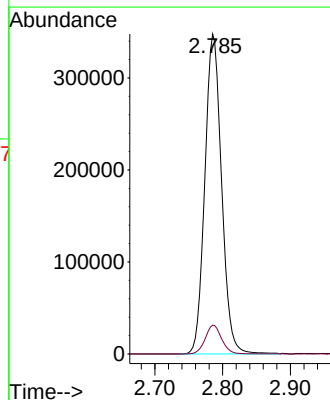
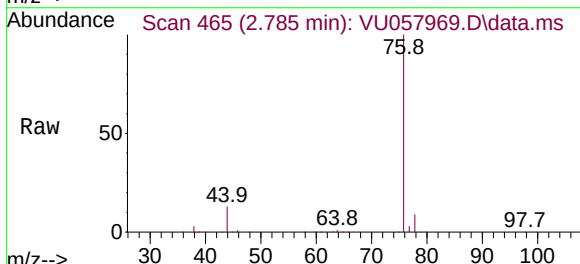
Acq: 29 Feb 2024 11:22

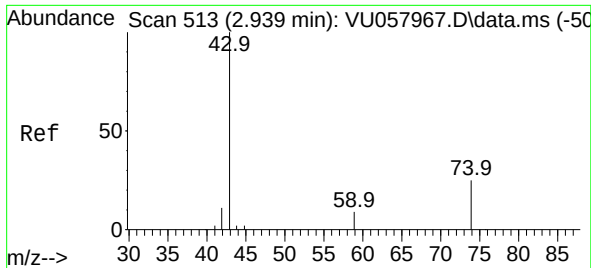
Tgt Ion: 76 Resp: 597311

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

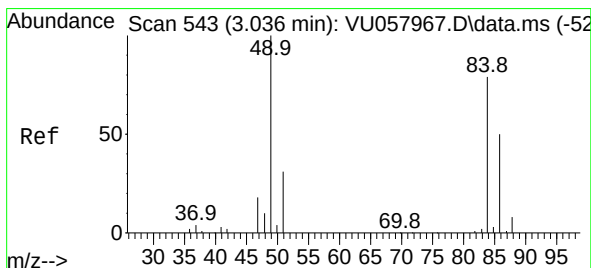
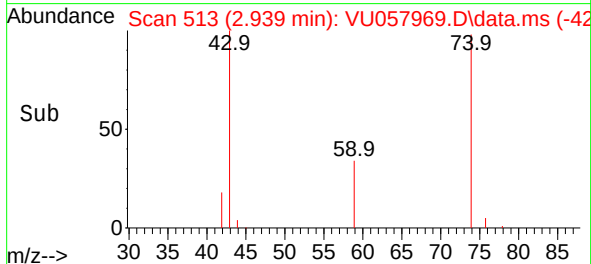
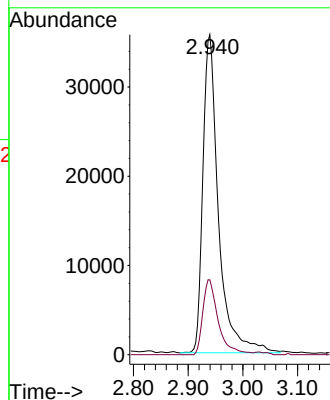
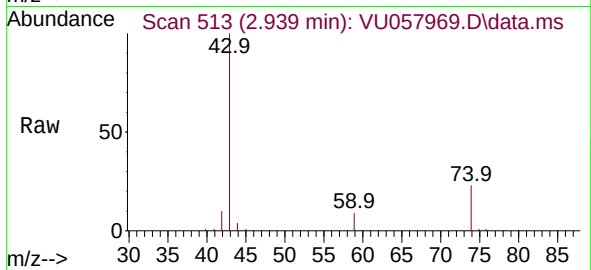




#15
Methyl Acetate
Concen: 18.139 ug/L
RT: 2.939 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

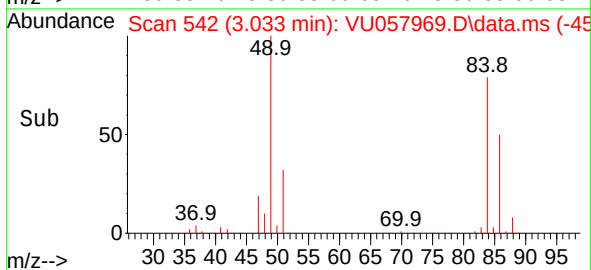
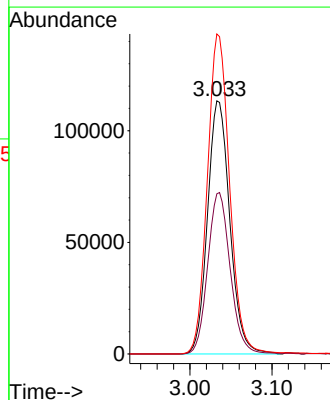
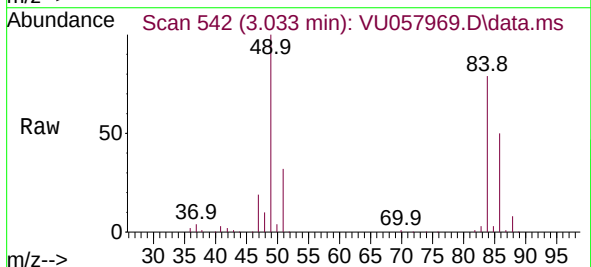
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MSVOA_U
ClientSampleId :

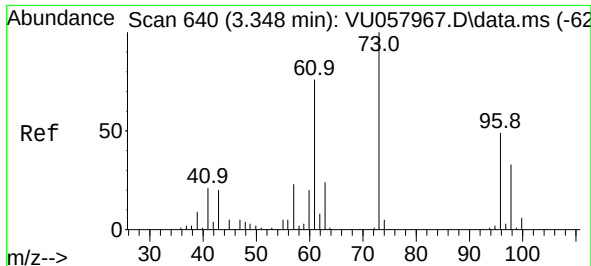
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Ion Ratio Lower Upper
43 100
74 23.3 20.6 31.0



#16
Methylene chloride
Concen: 17.982 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

Tgt Ion: 84 Resp: 214771
Ion Ratio Lower Upper
84 100
86 63.3 44.4 82.4
49 126.5 88.8 165.0





#17

Methyl tert-butyl Ether

Concen: 18.427 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

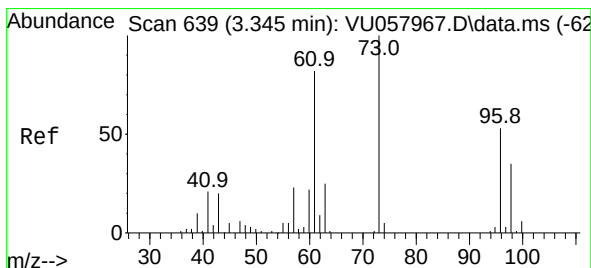
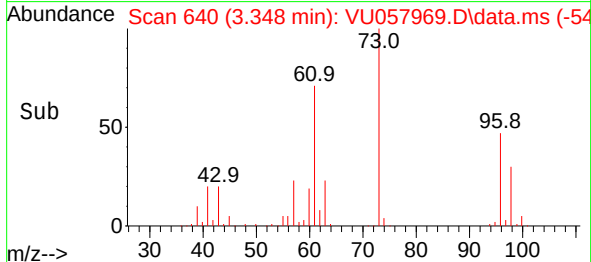
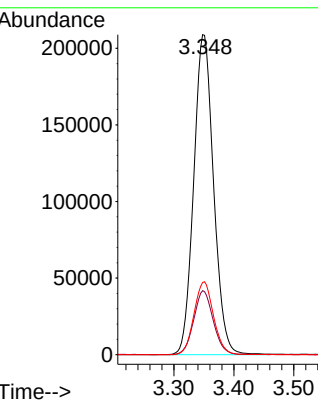
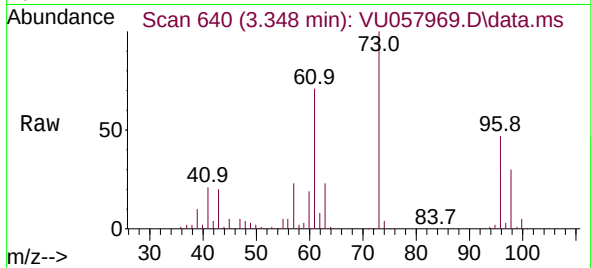
Tgt Ion: 73 Resp: 481180

Ion Ratio Lower Upper

73 100

43 19.6 16.2 24.4

57 22.4 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 17.987 ug/L

RT: 3.341 min Scan# 638

Delta R.T. -0.003 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

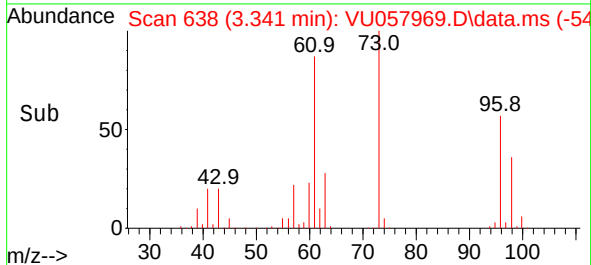
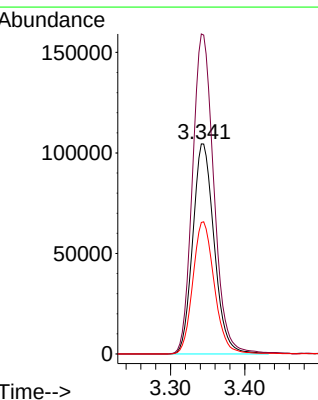
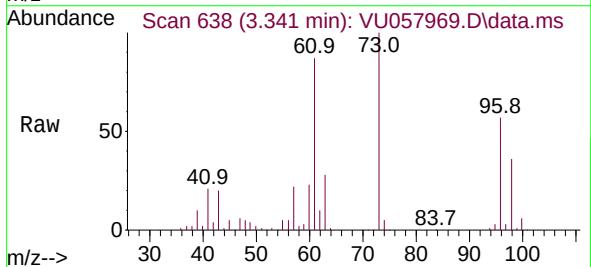
Tgt Ion: 96 Resp: 209536

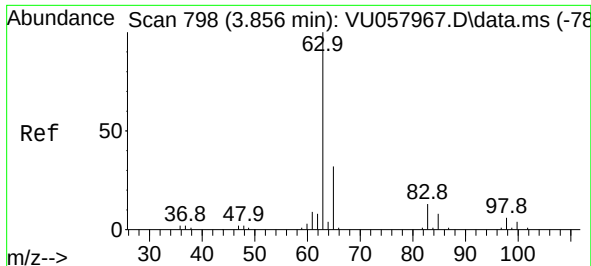
Ion Ratio Lower Upper

96 100

61 152.4 107.7 199.9

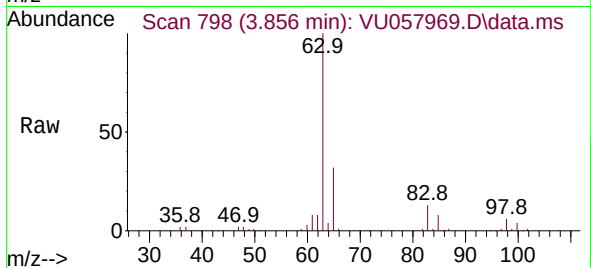
98 62.6 45.8 85.0



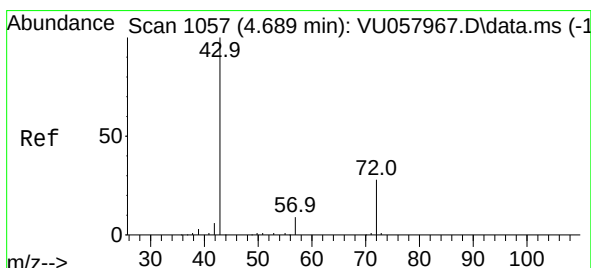
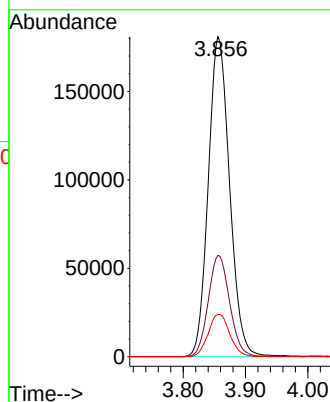
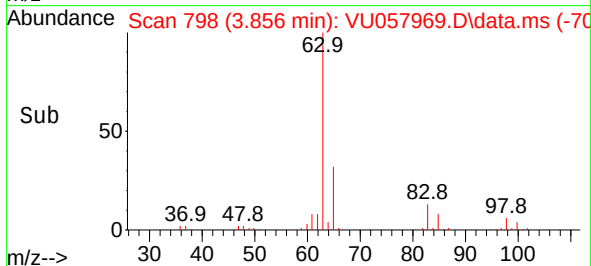


#19
1,1-Dichloroethane
Concen: 19.613 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

Instrument :
MSVOA_U
ClientSampleId :

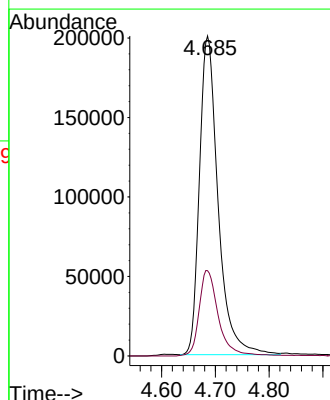
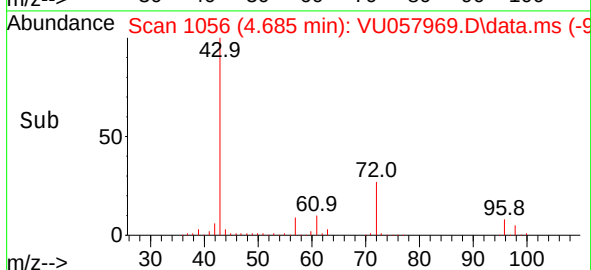
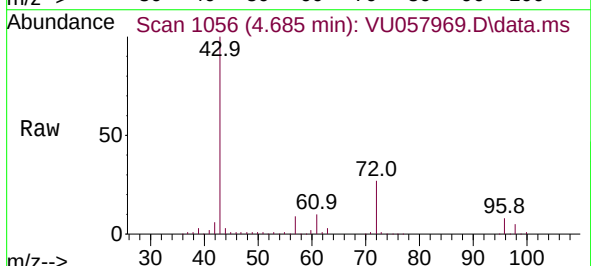


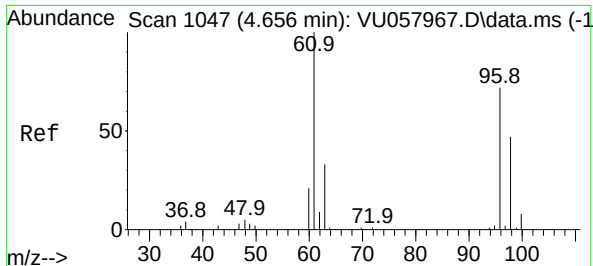
Tgt Ion: 63 Resp: 429895
Ion Ratio Lower Upper
63 100
65 31.6 22.1 41.1
83 13.2 9.0 16.6



#21
2-Butanone
Concen: 200.789 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.003 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

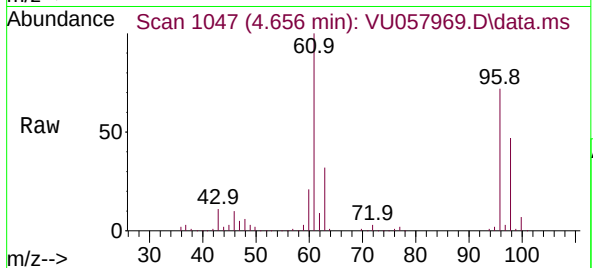
Tgt Ion: 43 Resp: 482363
Ion Ratio Lower Upper
43 100
72 27.6 13.0 39.0





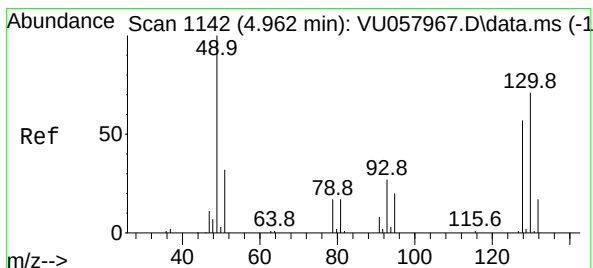
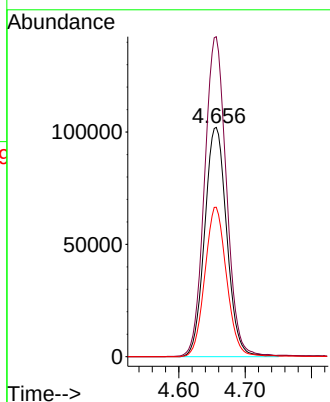
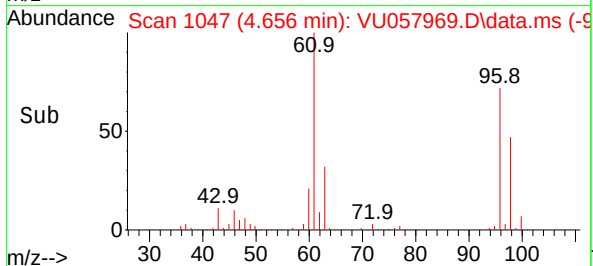
#22
 cis-1,2-Dichloroethene
 Concen: 18.792 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU057969.D
 Acq: 29 Feb 2024 11:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 236850

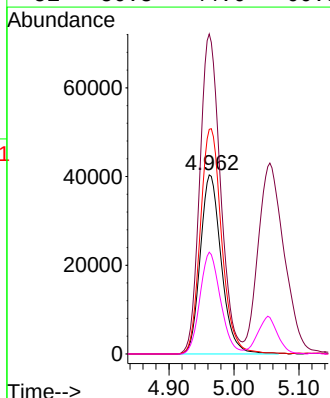
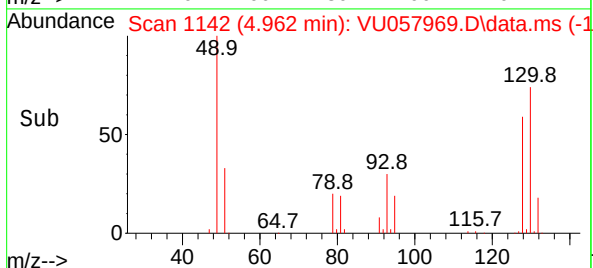
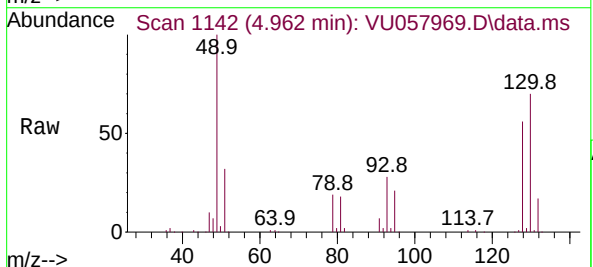
Ion	Ratio	Lower	Upper
96	100		
61	139.6	97.2	180.4
98	65.2	45.5	84.5

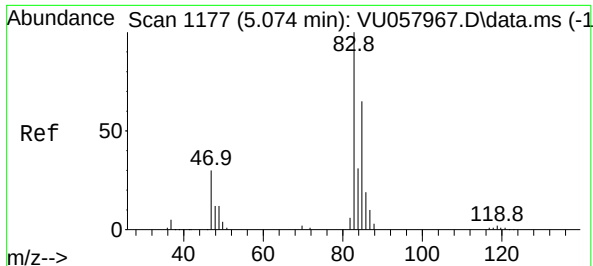


#23
 Bromochloromethane
 Concen: 18.183 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VU057969.D
 Acq: 29 Feb 2024 11:22

Tgt Ion: 128 Resp: 90689

Ion	Ratio	Lower	Upper
128	100		
49	184.4	122.0	226.6
130	125.5	86.6	160.8
51	56.8	44.6	66.8





#25

Chloroform

Concen: 18.804 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

Instrument :

MSVOA_U

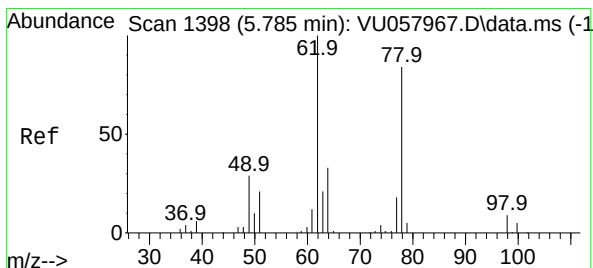
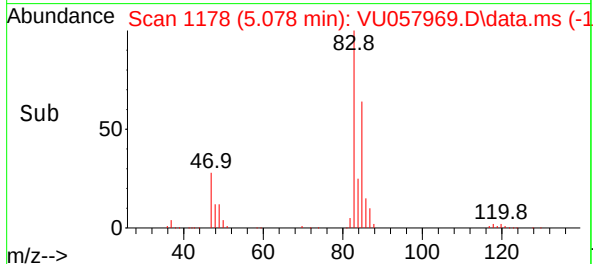
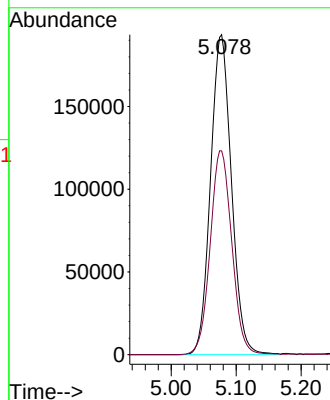
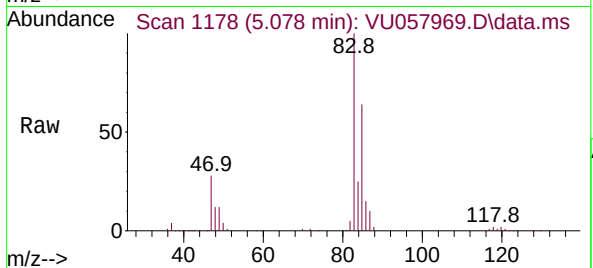
ClientSampleId :

Tgt Ion: 83 Resp: 432206

Ion Ratio Lower Upper

83 100

85 63.7 45.4 84.4



#27

1,2-Dichloroethane

Concen: 18.455 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU057969.D

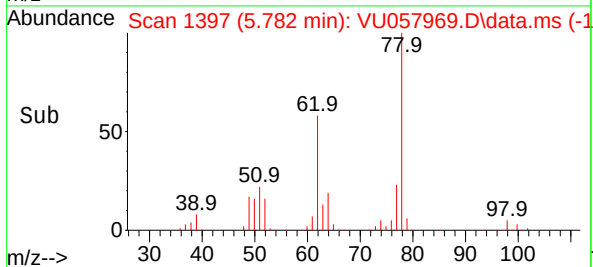
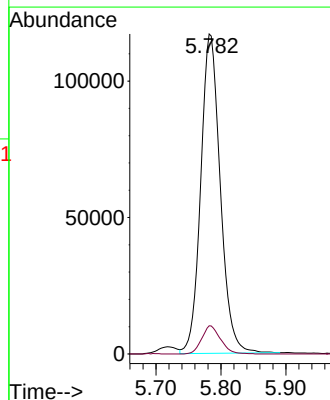
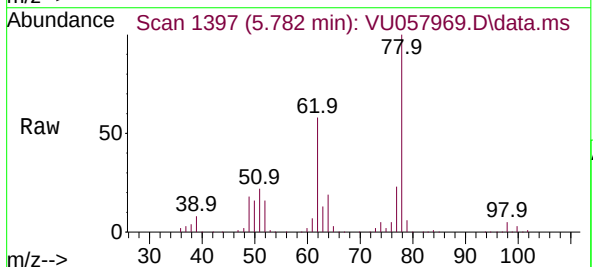
Acq: 29 Feb 2024 11:22

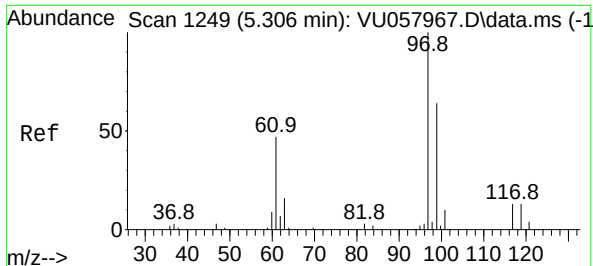
Tgt Ion: 62 Resp: 245403

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.4

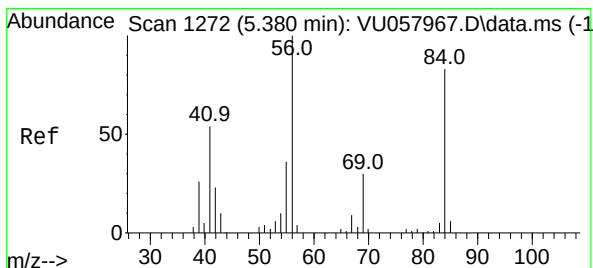
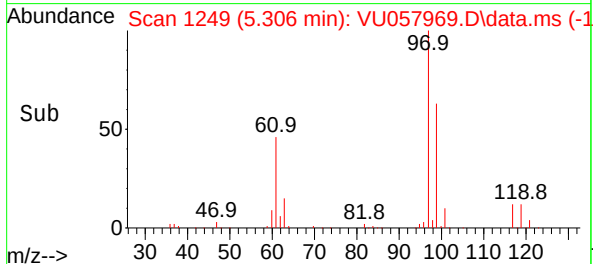
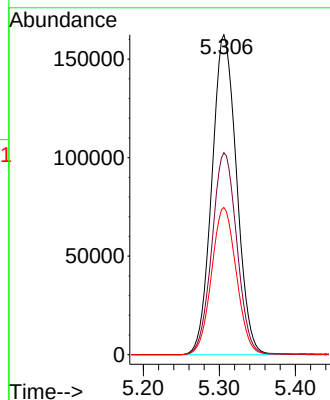
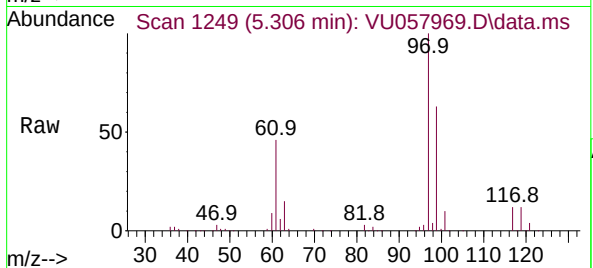




#29
1,1,1-Trichloroethane
Concen: 17.481 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

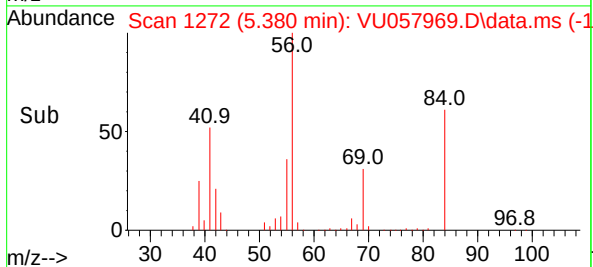
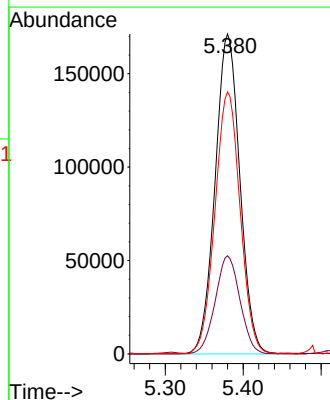
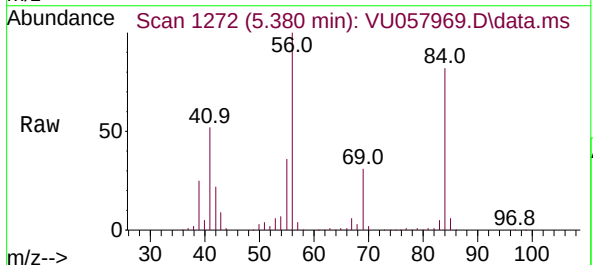
Instrument :
MSVOA_U
ClientSampleId :

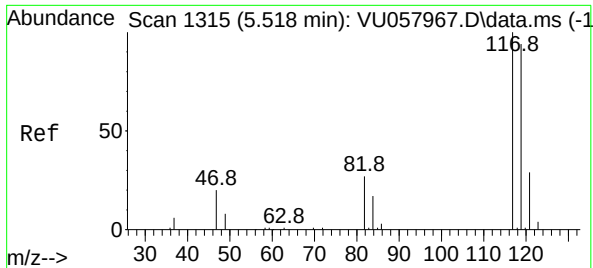
Tgt Ion: 97 Resp: 366287
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 46.3 37.4 56.2



#30
Cyclohexane
Concen: 18.568 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

Tgt Ion: 56 Resp: 378929
Ion Ratio Lower Upper
56 100
69 30.7 24.2 36.2
84 83.1 66.6 99.8

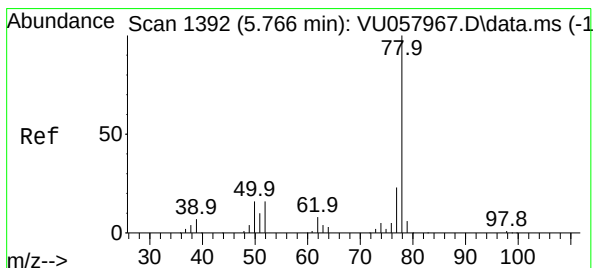
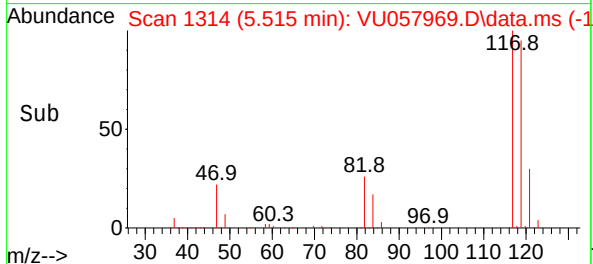
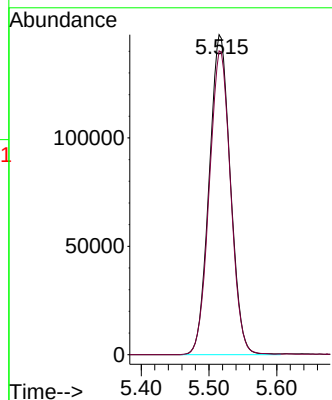
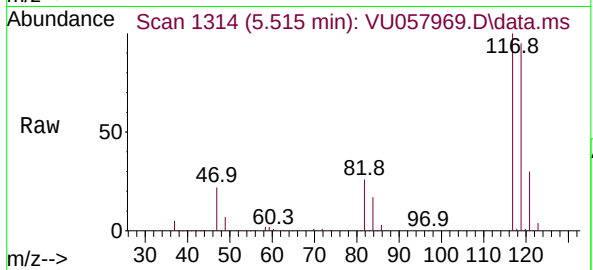




#31
Carbon tetrachloride
Concen: 17.530 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

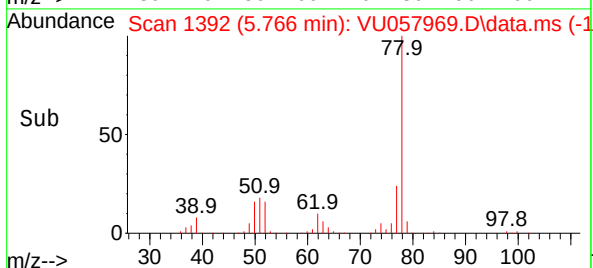
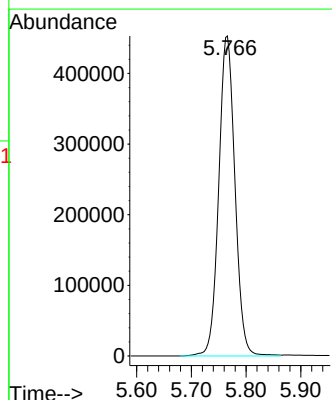
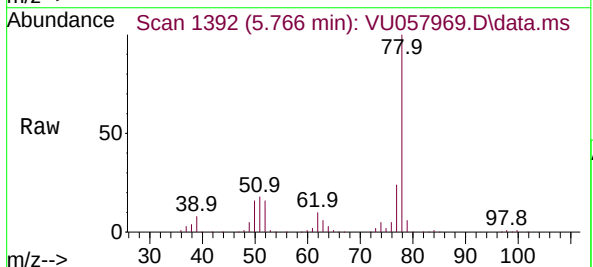
Instrument :
MSVOA_U
ClientSampleId :

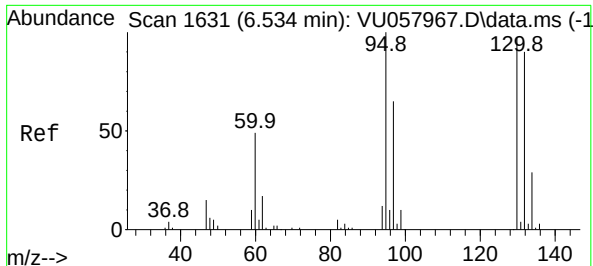
Tgt Ion:117 Resp: 321655
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8



#33
Benzene
Concen: 18.761 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

Tgt Ion: 78 Resp: 931495





#34

Trichloroethene

Concen: 18.088 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 245535

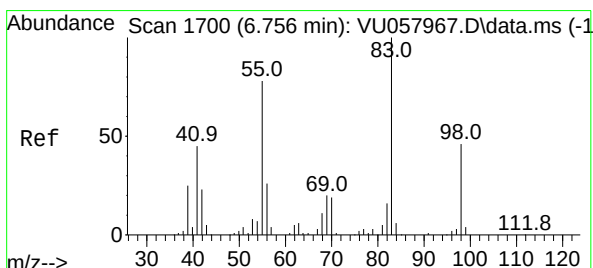
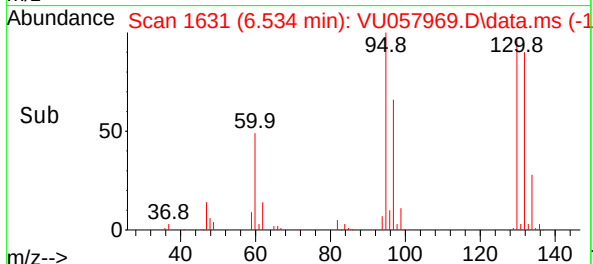
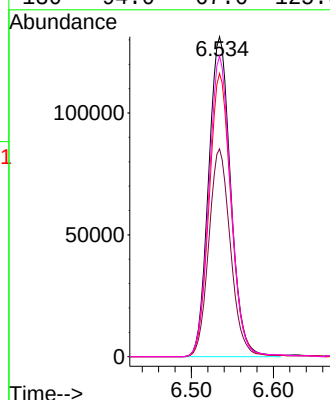
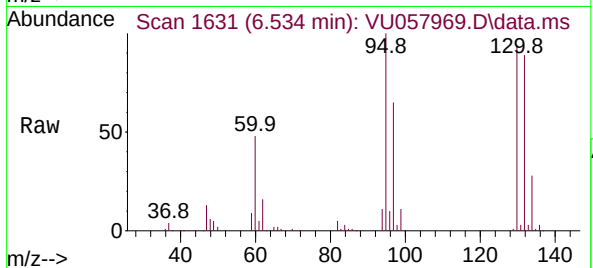
Ion Ratio Lower Upper

95 100

97 64.9 45.3 84.1

132 88.5 63.1 117.1

130 94.0 67.6 125.6



#35

Methylcyclohexane

Concen: 17.929 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

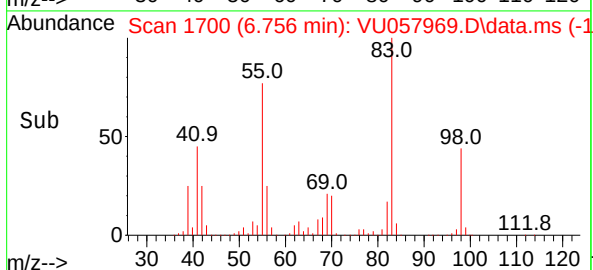
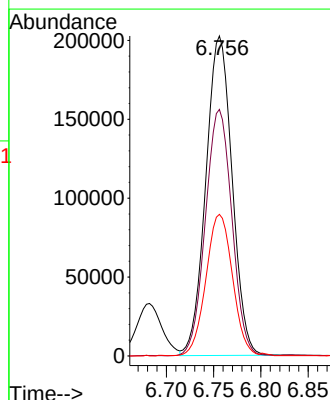
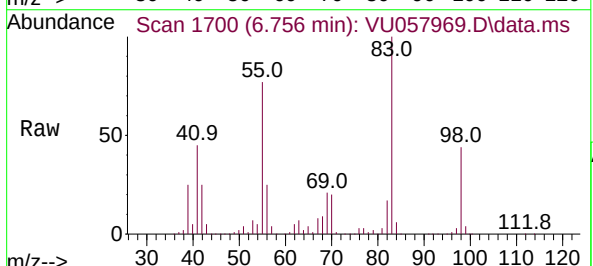
Tgt Ion: 83 Resp: 391970

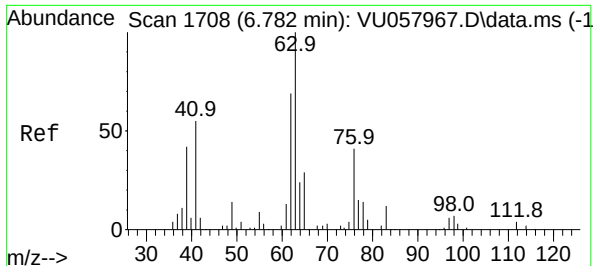
Ion Ratio Lower Upper

83 100

55 77.7 63.0 94.6

98 44.5 36.2 54.4

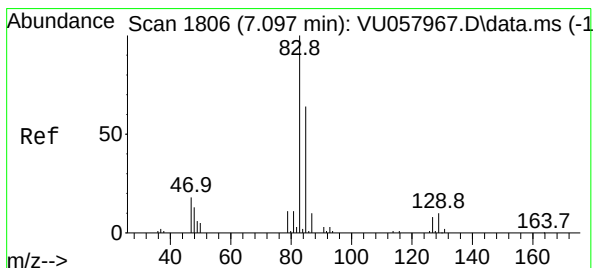
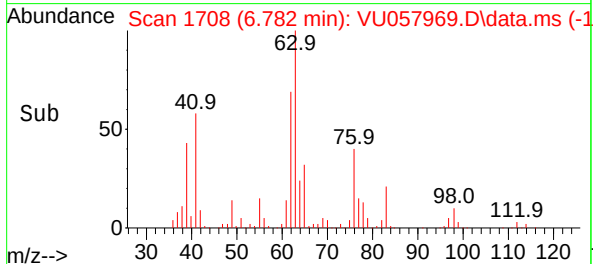
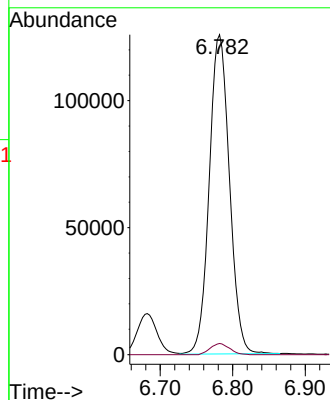
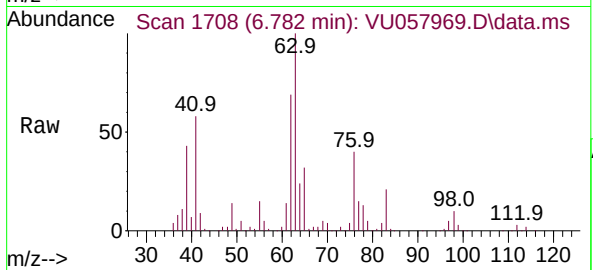




#37
1,2-Dichloropropane
Concen: 19.454 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

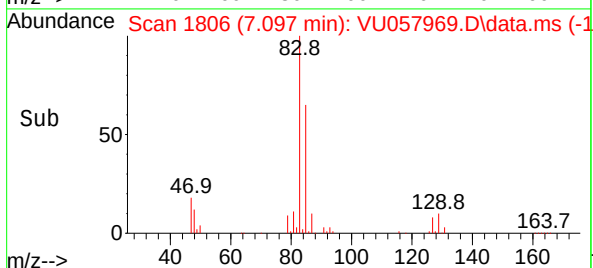
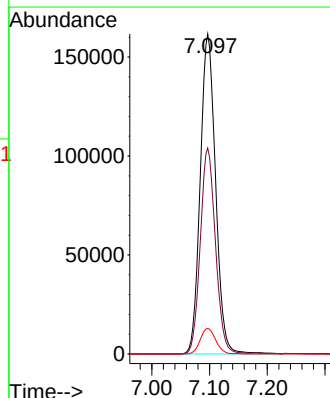
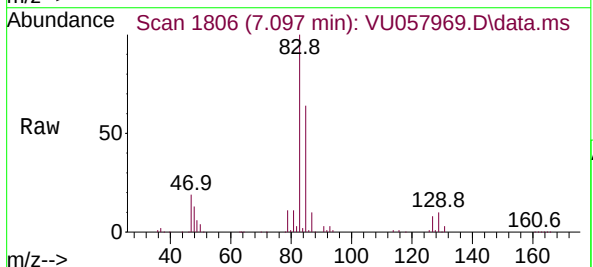
Instrument :
MSVOA_U
ClientSampleId :

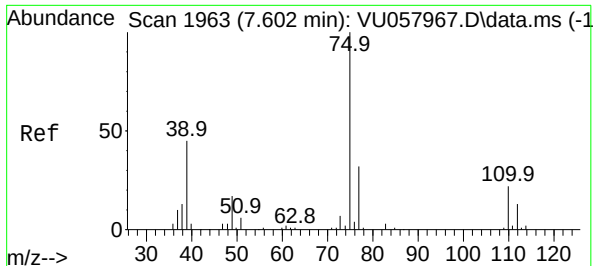
Tgt Ion: 63 Resp: 243187
Ion Ratio Lower Upper
63 100
112 3.4 3.0 4.4



#38
Bromodichloromethane
Concen: 18.095 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

Tgt Ion: 83 Resp: 298619
Ion Ratio Lower Upper
83 100
85 64.4 44.5 82.7
127 8.0 6.6 9.8

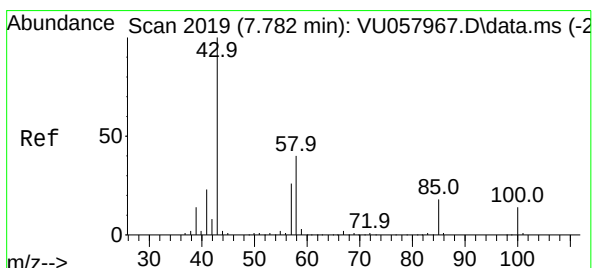
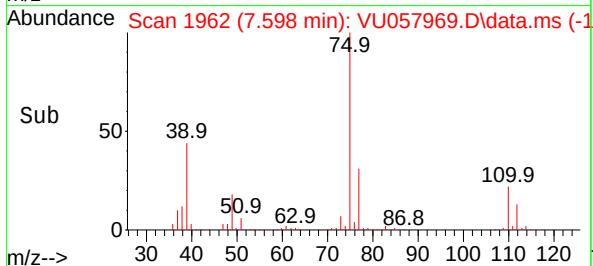
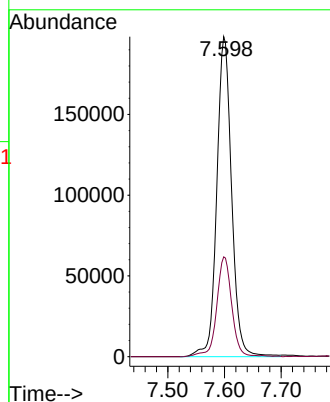
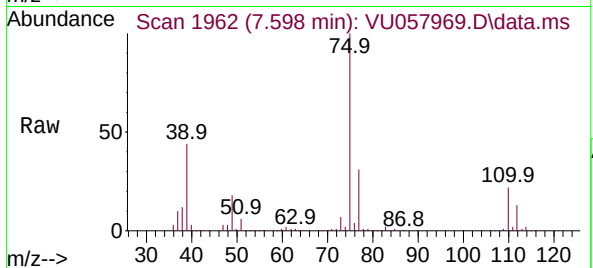




#39
cis-1,3-Dichloropropene
Concen: 18.906 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

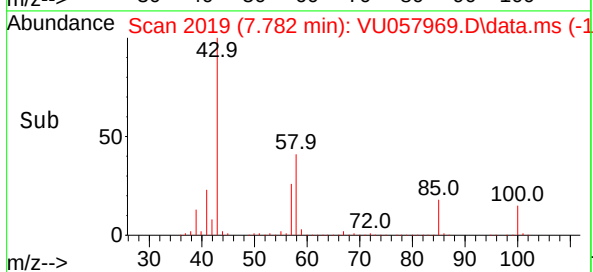
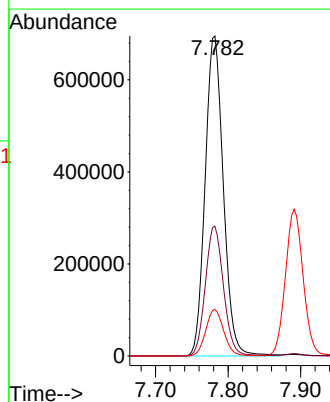
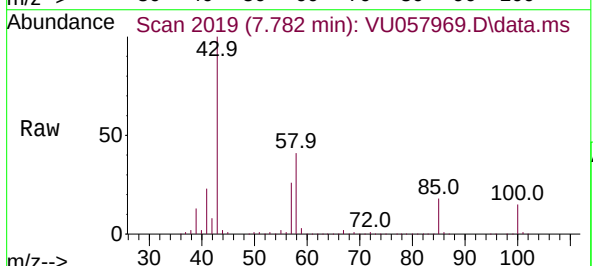
Instrument :
MSVOA_U
ClientSampleId :

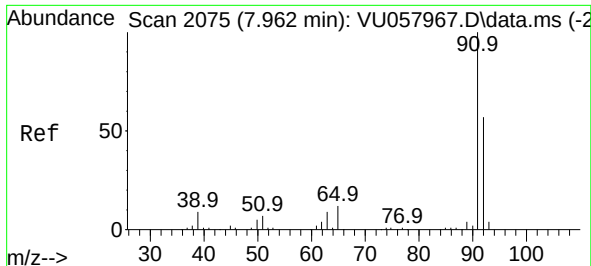
Tgt Ion: 75 Resp: 359738
Ion Ratio Lower Upper
75 100
77 31.2 22.3 41.5



#40
4-Methyl-2-pentanone
Concen: 203.233 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

Tgt Ion: 43 Resp: 1212163
Ion Ratio Lower Upper
43 100
58 40.5 31.7 47.5
100 14.4 11.3 16.9





#42

Toluene

Concen: 18.642 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

Instrument :

MSVOA_U

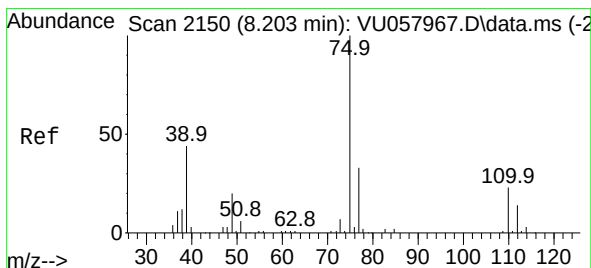
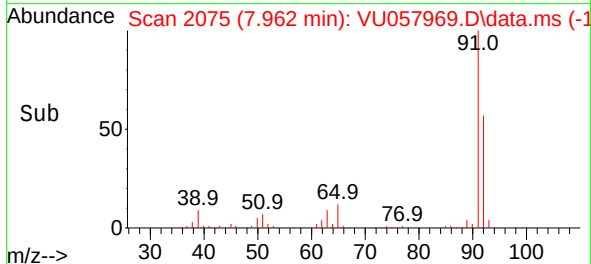
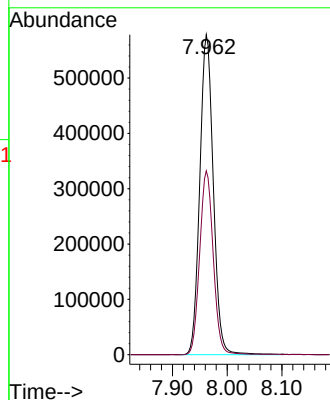
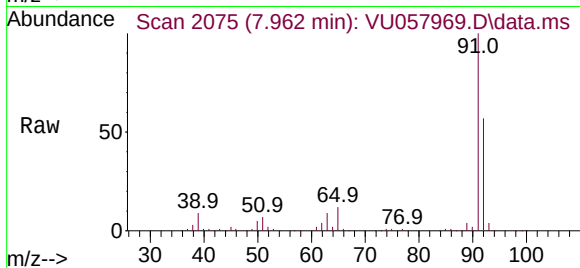
ClientSampleId :

Tgt Ion: 91 Resp: 991722

Ion Ratio Lower Upper

91 100

92 57.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 18.736 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU057969.D

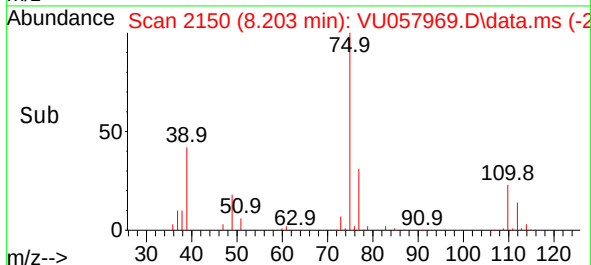
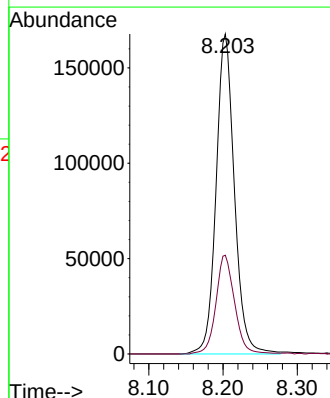
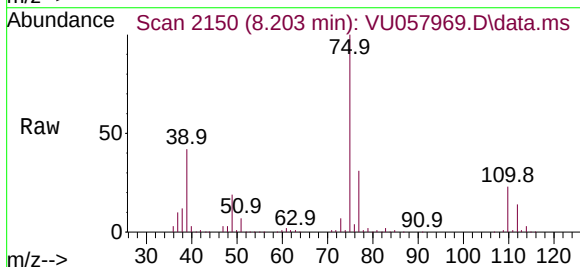
Acq: 29 Feb 2024 11:22

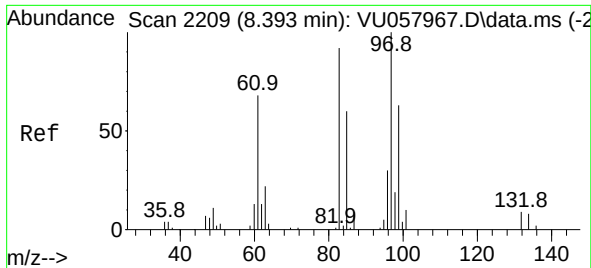
Tgt Ion: 75 Resp: 287660

Ion Ratio Lower Upper

75 100

77 30.8 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 18.217 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 145342

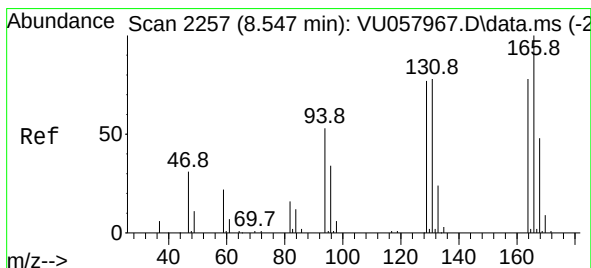
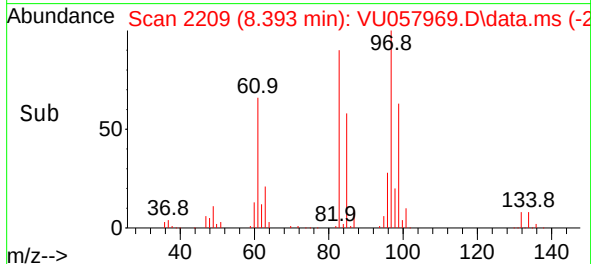
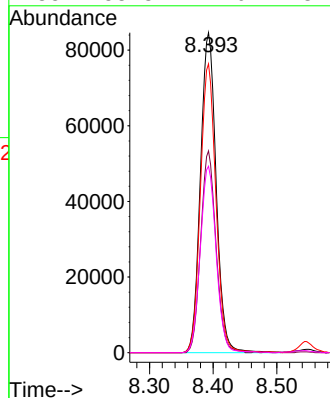
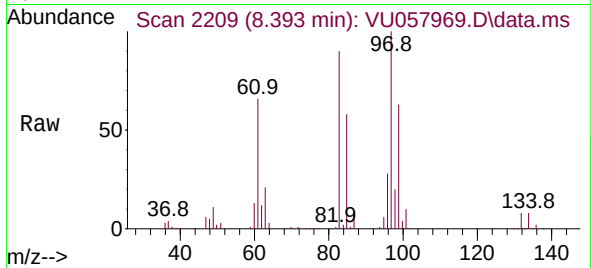
Ion Ratio Lower Upper

97 100

99 63.0 44.2 82.2

83 90.3 64.2 119.2

85 58.3 42.0 78.0



#47

Tetrachloroethene

Concen: 17.319 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

Tgt Ion:164 Resp: 170443

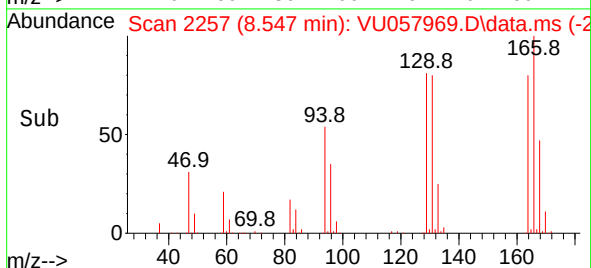
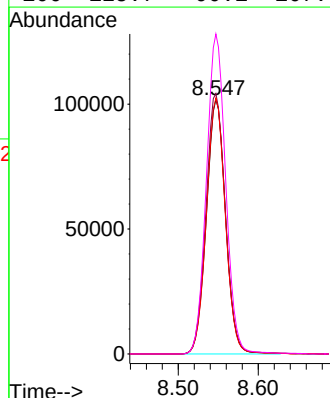
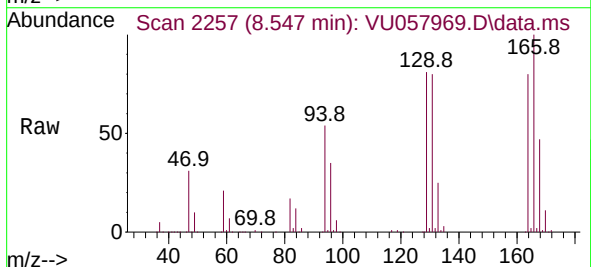
Ion Ratio Lower Upper

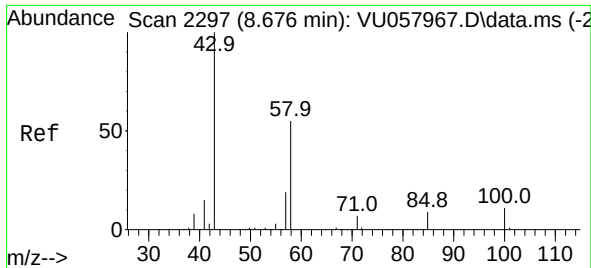
164 100

129 102.4 69.3 128.7

131 100.5 69.9 129.9

166 125.7 90.1 167.3

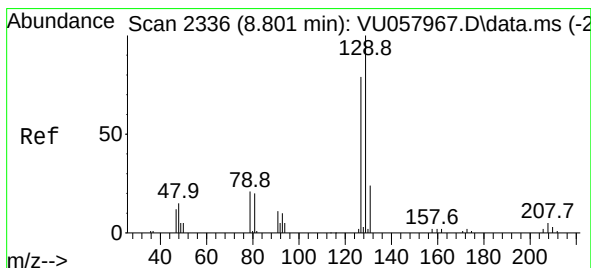
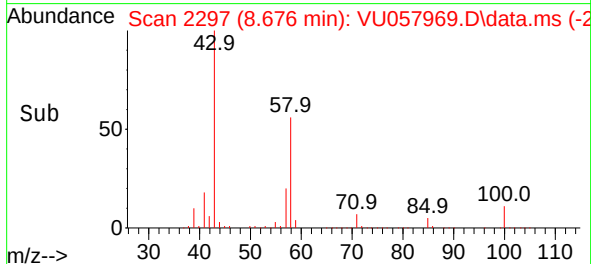
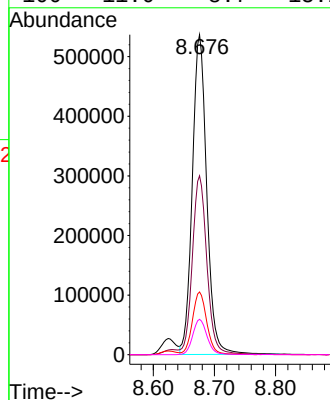
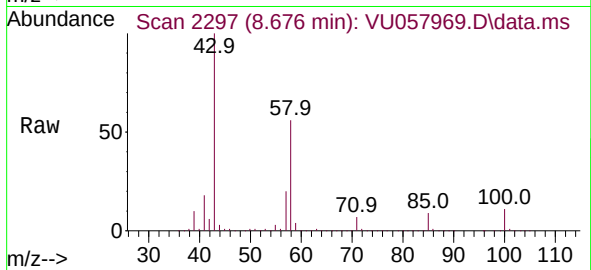




#48
2-Hexanone
Concen: 208.806 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

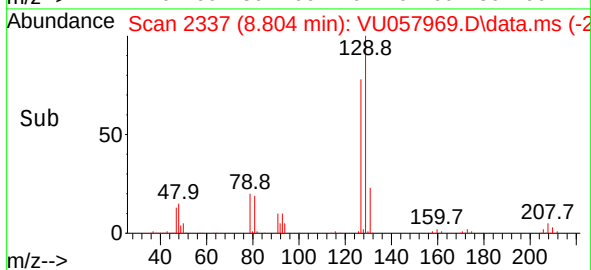
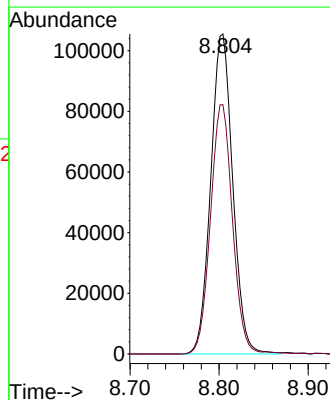
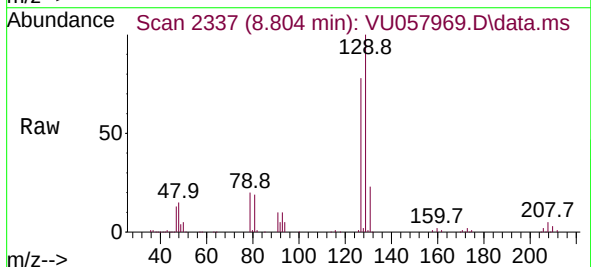
Instrument :
MSVOA_U
ClientSampleId :

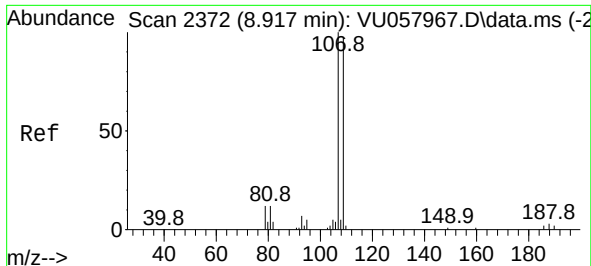
Tgt Ion:	43	Resp:	880285
Ion	Ratio	Lower	Upper
43	100		
58	56.7	43.3	64.9
57	19.7	15.2	22.8
100	11.0	8.7	13.1



#49
Dibromochloromethane
Concen: 17.725 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

Tgt Ion:	129	Resp:	180951
Ion	Ratio	Lower	Upper
129	100		
127	77.9	55.2	102.6

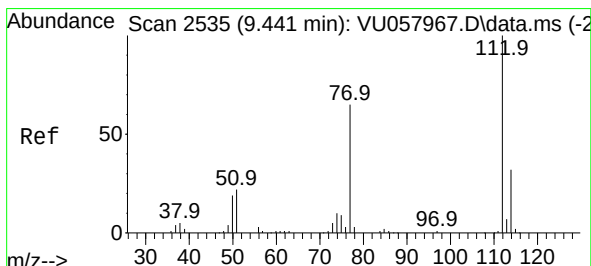
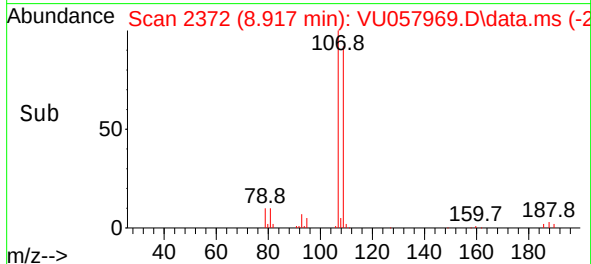
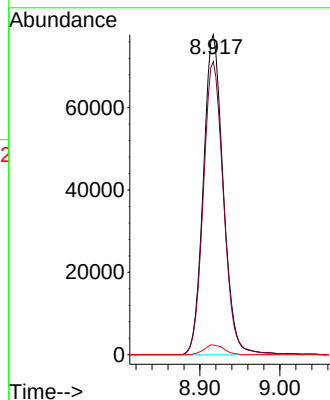
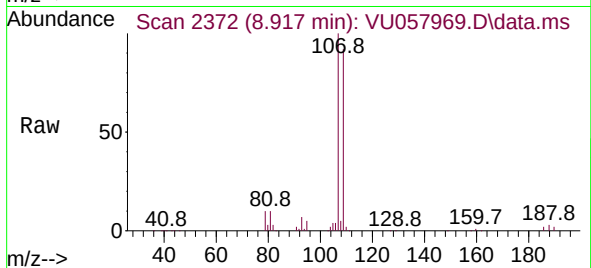




#50
1,2-Dibromoethane
Concen: 17.549 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

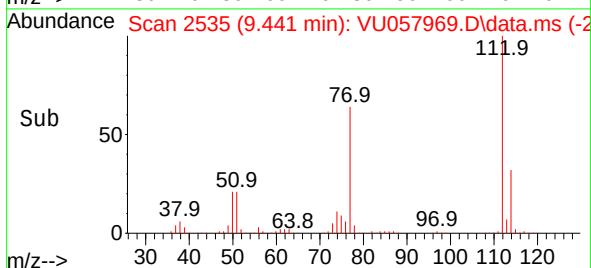
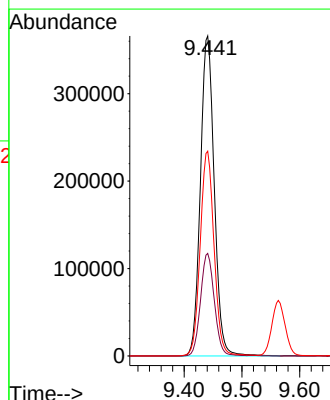
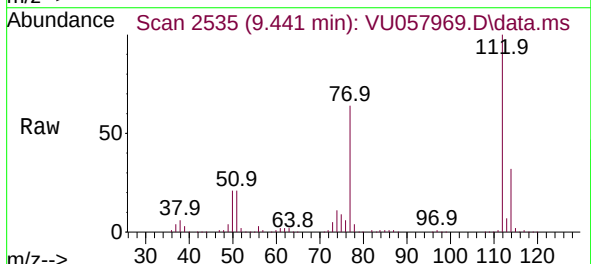
Instrument :
MSVOA_U
ClientSampleId :

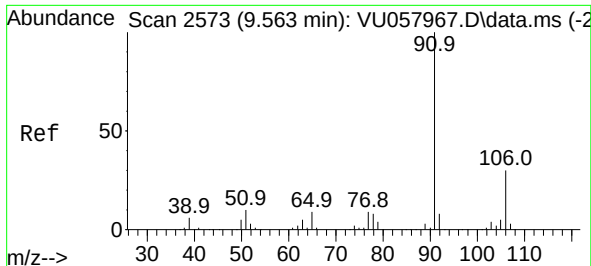
Tgt Ion:107 Resp: 134343
Ion Ratio Lower Upper
107 100
109 91.6 67.8 125.8
188 3.1 2.4 3.6



#51
Chlorobenzene
Concen: 18.338 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

Tgt Ion:112 Resp: 609919
Ion Ratio Lower Upper
112 100
114 32.1 22.7 42.1
77 64.0 52.3 78.5

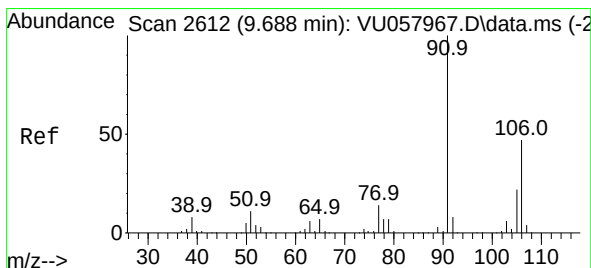
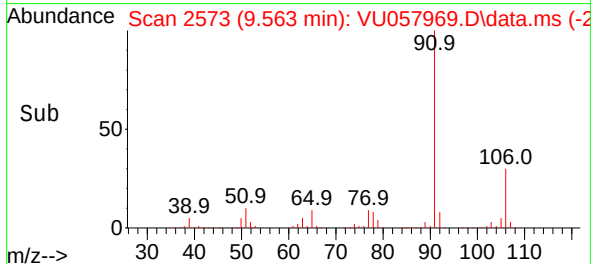
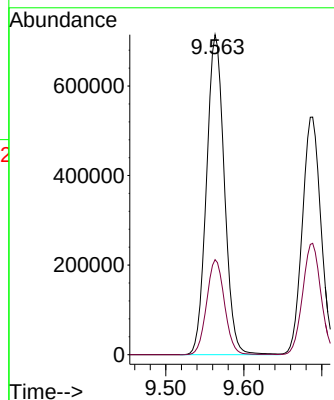
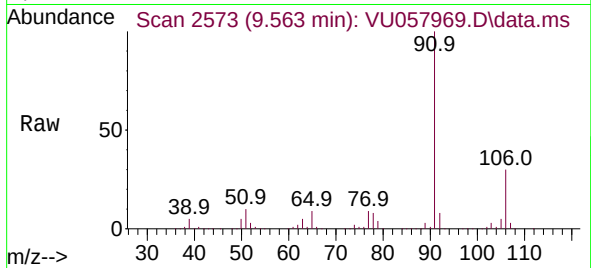




#52
Ethylbenzene
Concen: 19.030 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

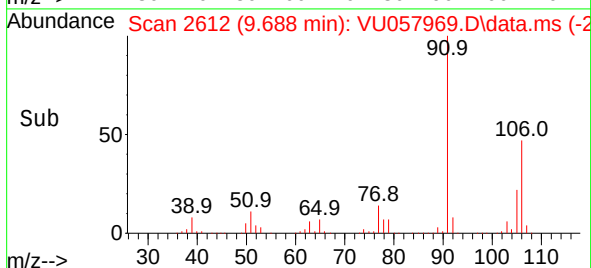
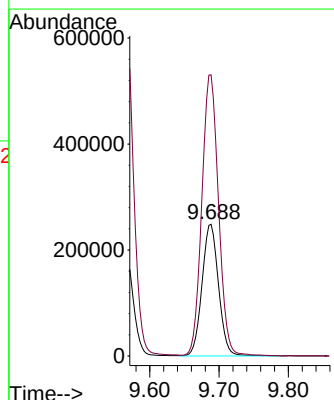
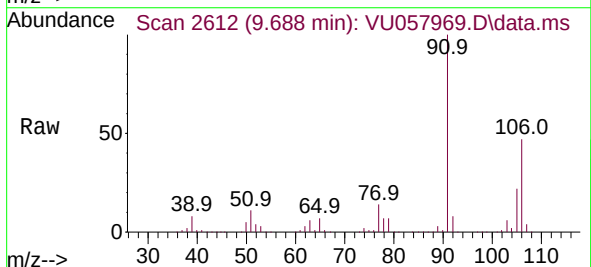
Instrument :
MSVOA_U
ClientSampleId :

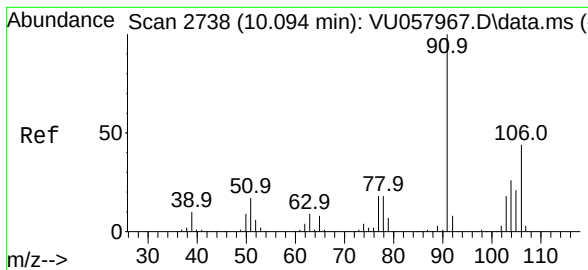
Tgt Ion: 91 Resp: 1135941
Ion Ratio Lower Upper
91 100
106 29.7 20.9 38.7



#53
m,p-Xylene
Concen: 18.618 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

Tgt Ion:106 Resp: 410910
Ion Ratio Lower Upper
106 100
91 213.5 148.8 276.4

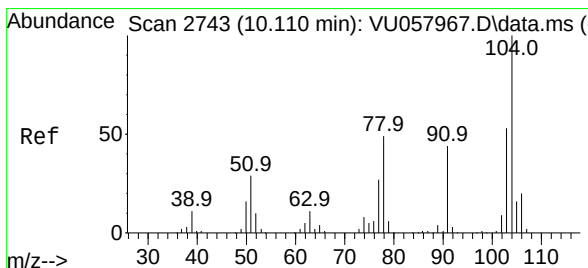
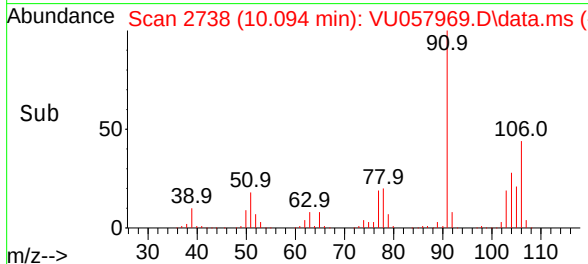
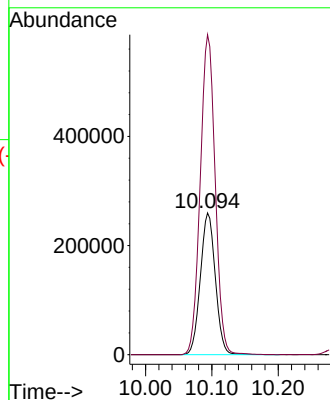
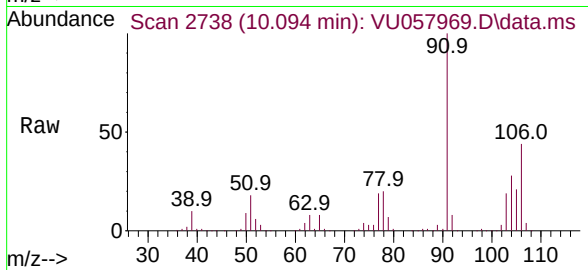




#54
o-Xylene
Concen: 19.015 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

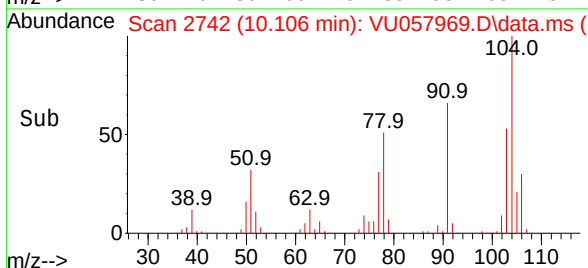
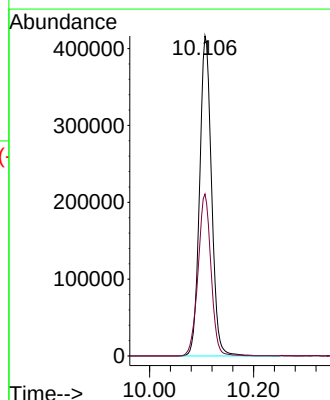
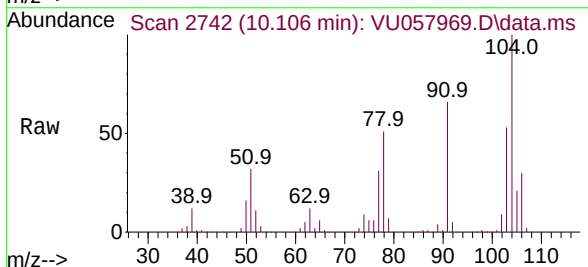
Instrument :
MSVOA_U
ClientSampleId :

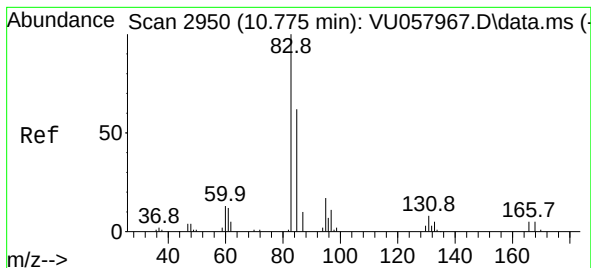
Tgt Ion:106 Resp: 407668
Ion Ratio Lower Upper
106 100
91 225.8 158.3 294.1



#55
Styrene
Concen: 20.034 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

Tgt Ion:104 Resp: 664090
Ion Ratio Lower Upper
104 100
78 50.6 34.2 63.4





#57

1,1,2,2-Tetrachloroethane

Concen: 18.178 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

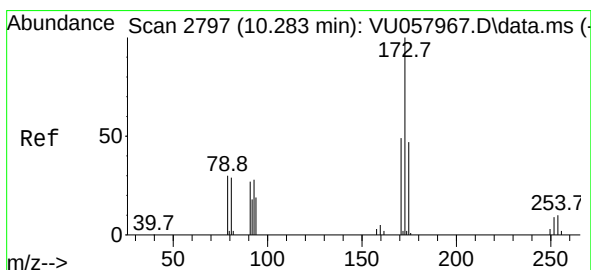
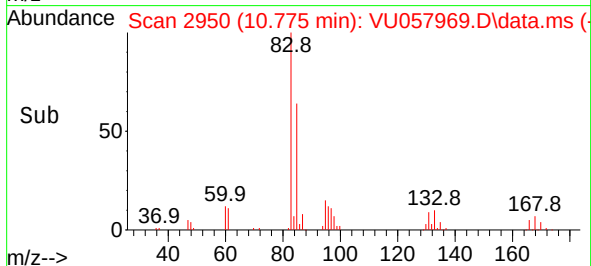
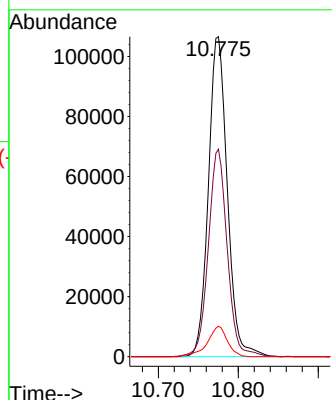
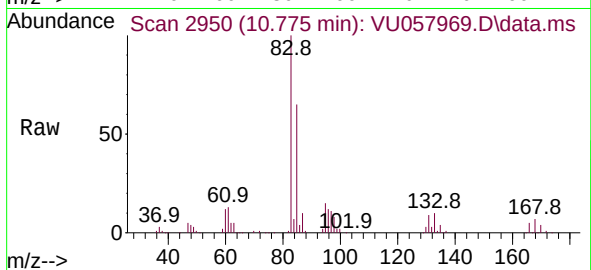
Tgt Ion: 83 Resp: 175267

Ion Ratio Lower Upper

83 100

85 64.9 44.0 81.6

131 9.5 6.9 10.3



#59

Bromoform

Concen: 16.306 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

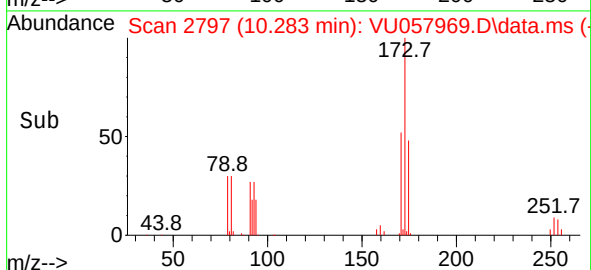
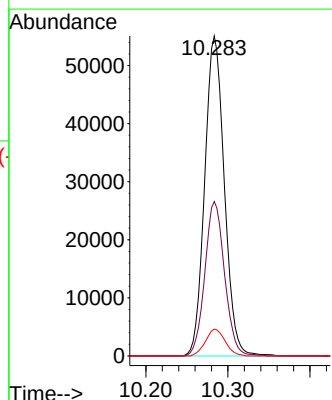
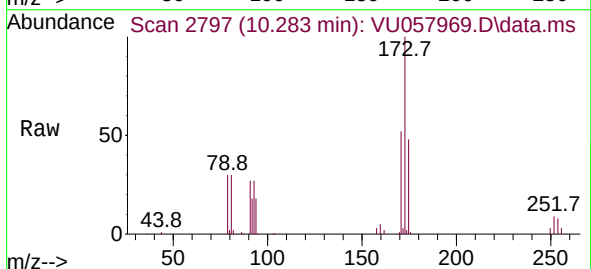
Tgt Ion:173 Resp: 91725

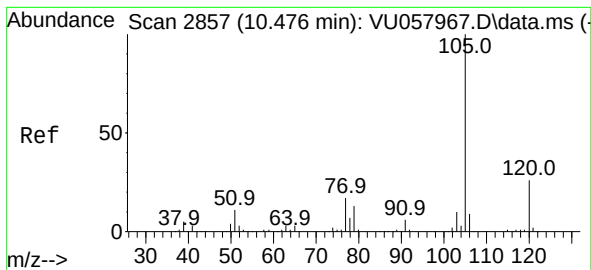
Ion Ratio Lower Upper

173 100

175 48.4 38.6 57.8

254 8.4 7.3 10.9





#60

Isopropylbenzene

Concen: 18.488 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

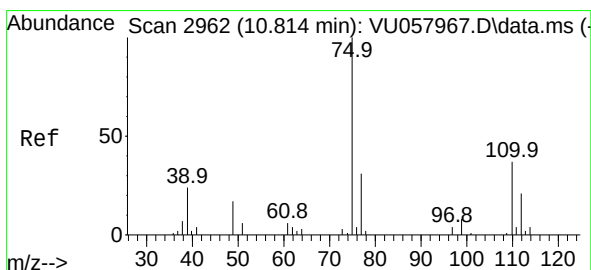
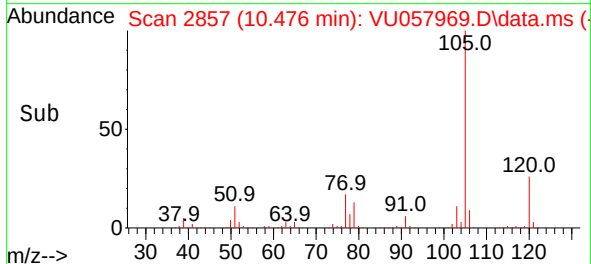
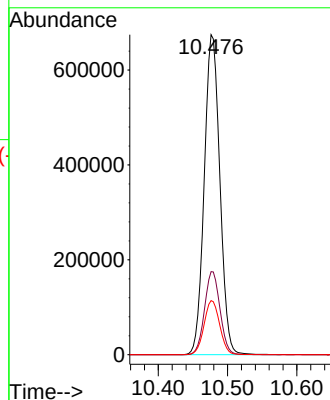
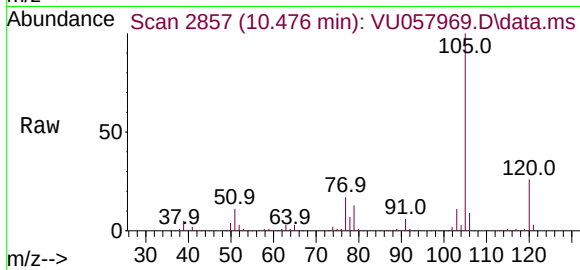
Tgt Ion:105 Resp: 1054621

Ion Ratio Lower Upper

105 100

120 25.8 20.4 30.6

77 16.9 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 17.145 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

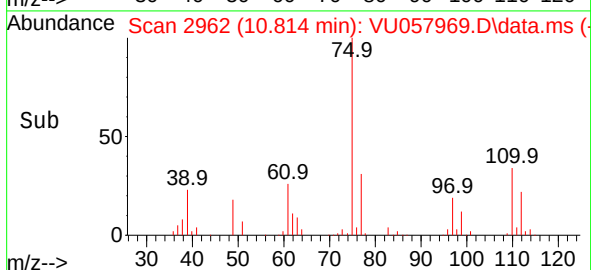
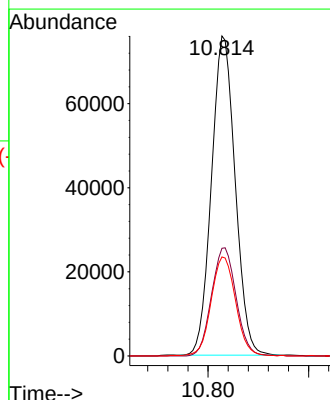
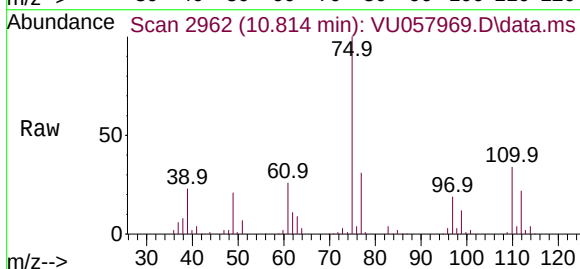
Tgt Ion: 75 Resp: 124184

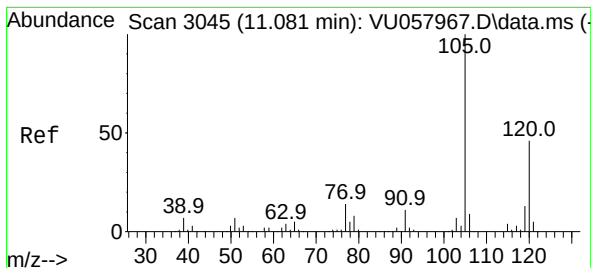
Ion Ratio Lower Upper

75 100

110 35.1 28.0 42.0

77 32.2 24.7 37.1





#62

1,3,5-Trimethylbenzene

Concen: 18.607 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

Instrument :

MSVOA_U

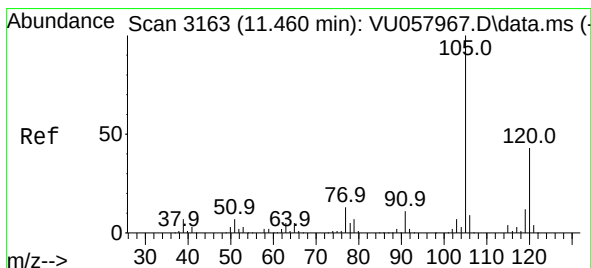
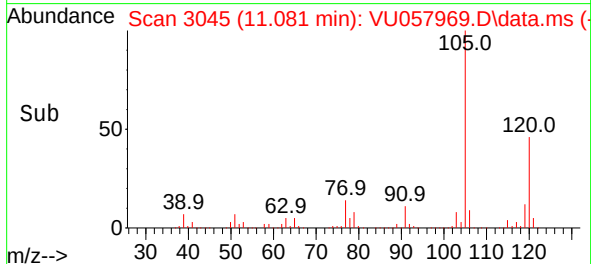
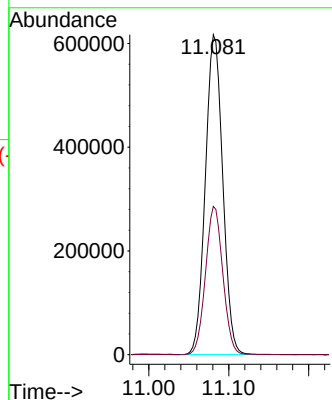
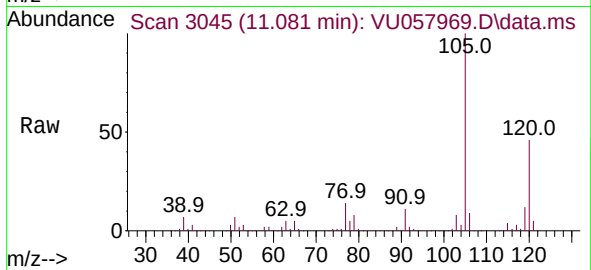
ClientSampleId :

Tgt Ion:105 Resp: 932347

Ion Ratio Lower Upper

105 100

120 46.3 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 18.695 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU057969.D

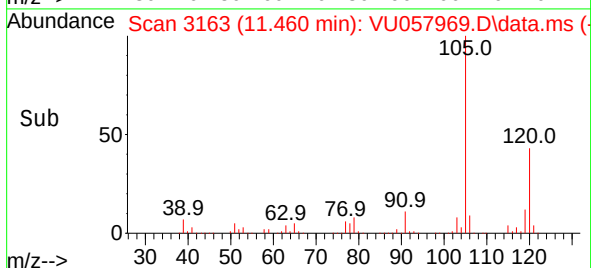
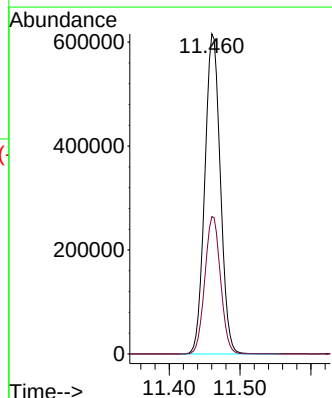
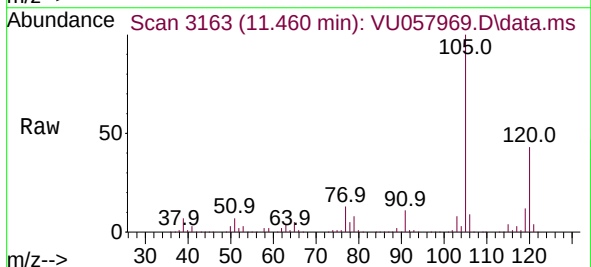
Acq: 29 Feb 2024 11:22

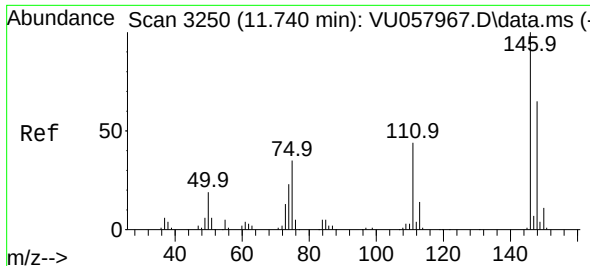
Tgt Ion:105 Resp: 937103

Ion Ratio Lower Upper

105 100

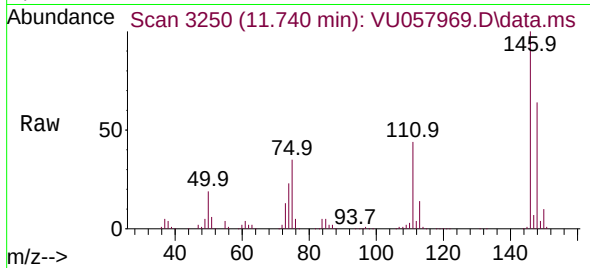
120 43.3 34.8 52.2



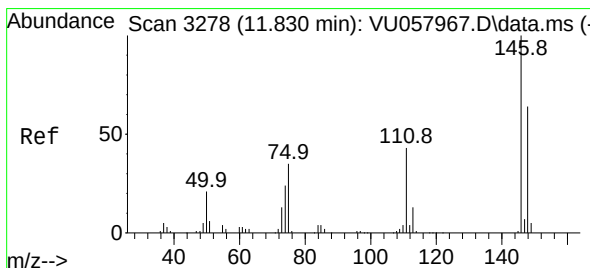
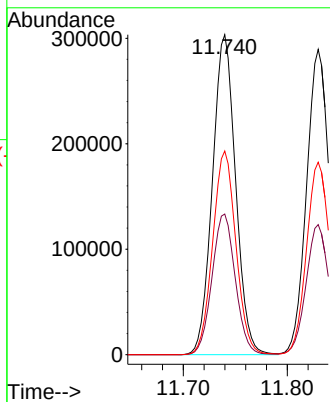
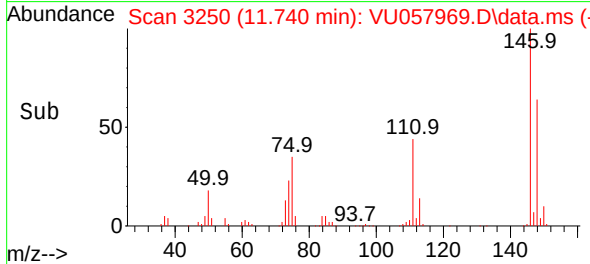


#64
1,3-Dichlorobenzene
Concen: 18.204 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22

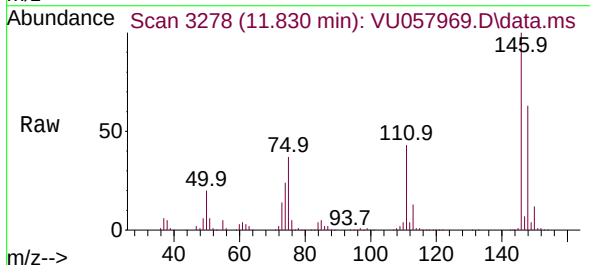
Instrument :
MSVOA_U
ClientSampleId :



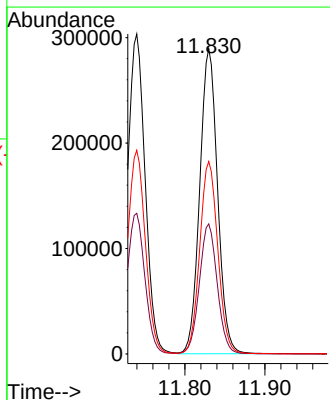
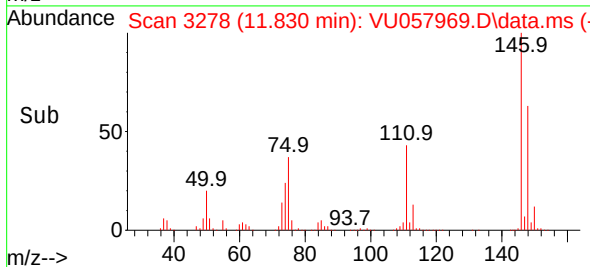
Tgt Ion:146 Resp: 470242
Ion Ratio Lower Upper
146 100
111 44.0 30.9 57.5
148 63.7 45.4 84.4

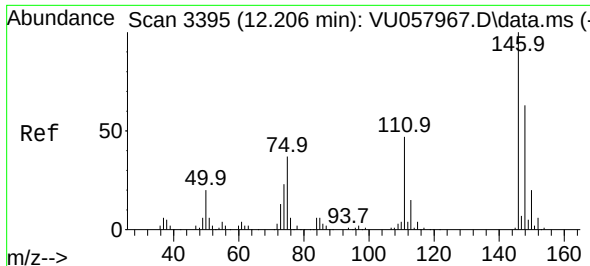


#65
1,4-Dichlorobenzene
Concen: 18.062 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057969.D
Acq: 29 Feb 2024 11:22



Tgt Ion:146 Resp: 449206
Ion Ratio Lower Upper
146 100
111 42.6 30.1 55.9
148 63.1 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 17.943 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

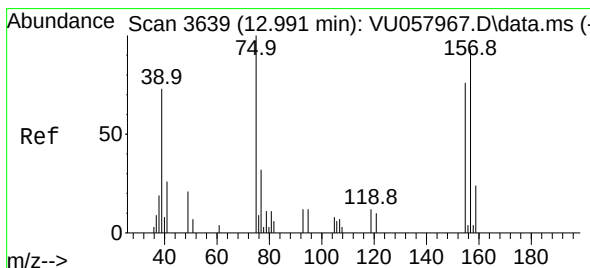
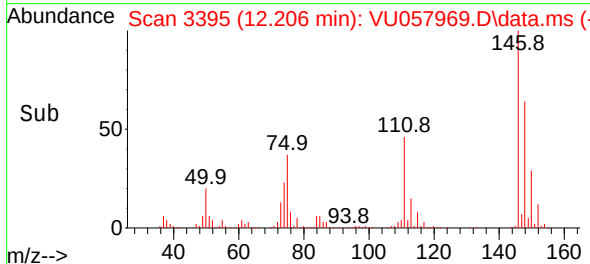
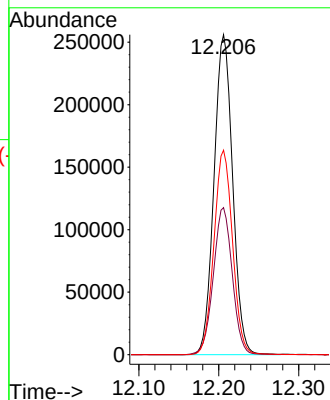
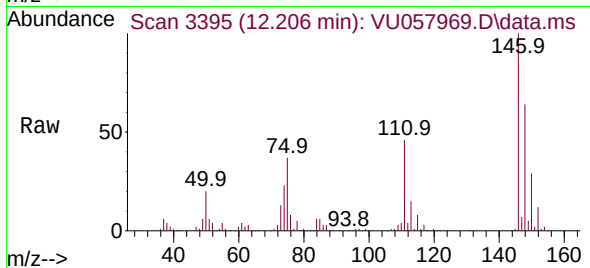
Tgt Ion:146 Resp: 413216

Ion Ratio Lower Upper

146 100

111 45.9 37.4 56.0

148 63.9 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 20.922 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

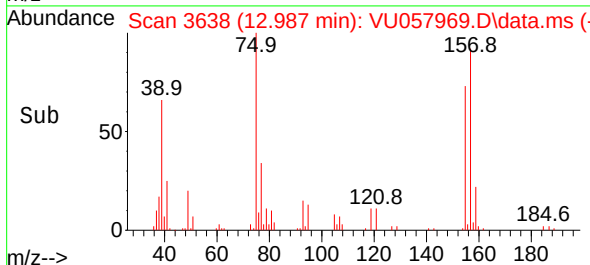
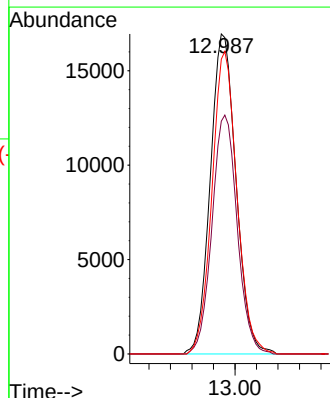
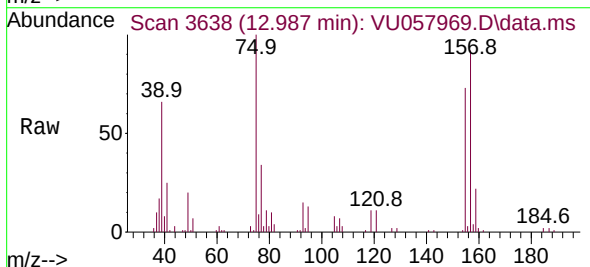
Tgt Ion: 75 Resp: 28170

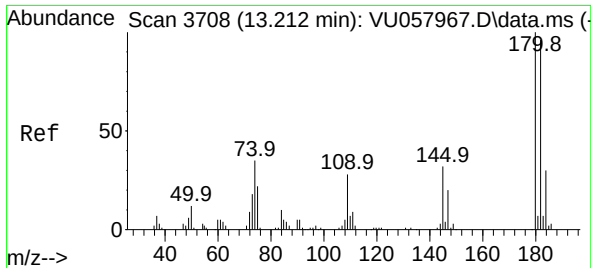
Ion Ratio Lower Upper

75 100

155 72.8 61.0 91.6

157 92.1 74.6 112.0





#69

1,3,5-Trichlorobenzene

Concen: 18.538 ug/L

RT: 13.212 min Scan# 3

Delta R.T. 0.000 min

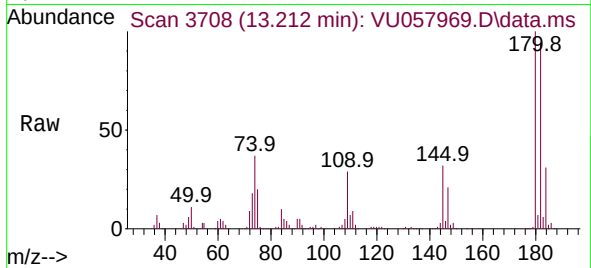
Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 347814

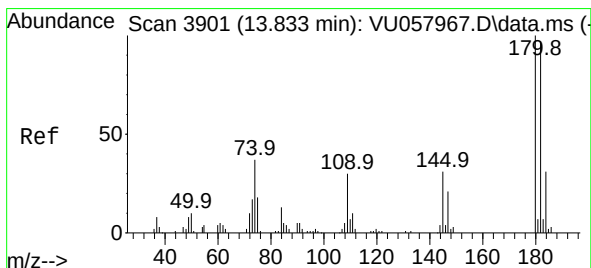
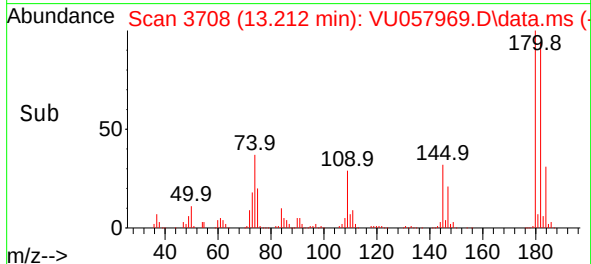
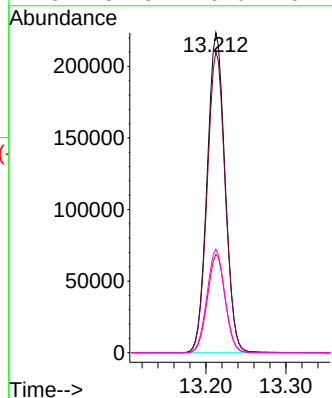
Ion Ratio Lower Upper

180 100

182 94.8 76.3 114.5

184 30.7 24.6 36.8

145 32.3 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 20.646 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

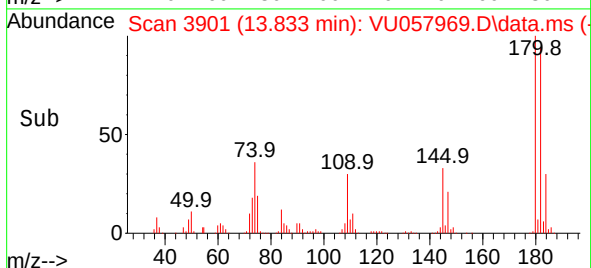
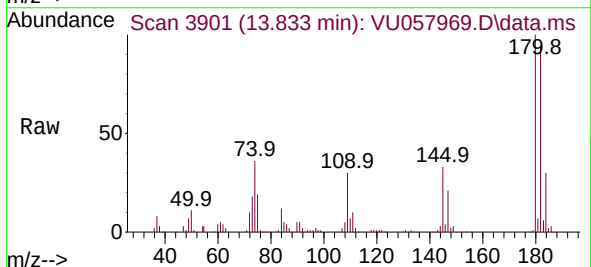
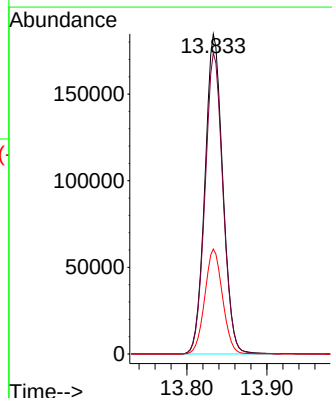
Tgt Ion:180 Resp: 286896

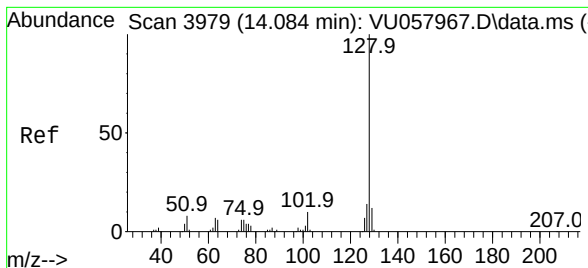
Ion Ratio Lower Upper

180 100

182 94.6 77.9 116.9

145 32.6 25.8 38.8





#71

Naphthalene

Concen: 21.500 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

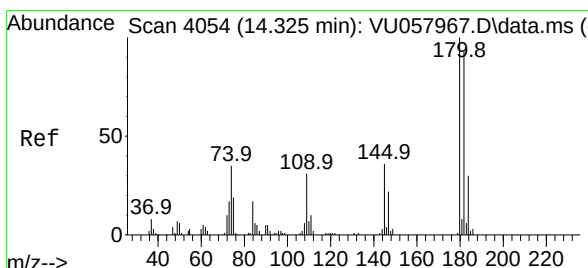
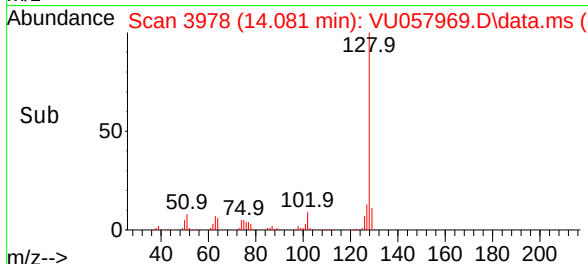
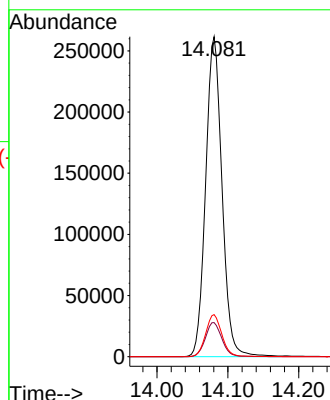
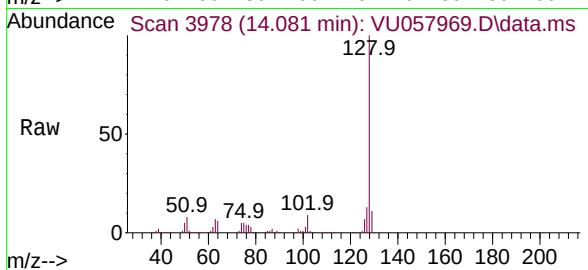
Tgt Ion:128 Resp: 419666

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

127 13.0 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 20.572 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU057969.D

Acq: 29 Feb 2024 11:22

Tgt Ion:180 Resp: 223079

Ion Ratio Lower Upper

180 100

182 96.3 77.6 116.4

145 35.1 28.7 43.1

