

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021924\
 Data File : VU057885.D
 Acq On : 19 Feb 2024 16:57
 Operator : MD/SY
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 20 01:18:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 20 01:16:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	272855	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	263603	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	138215	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	206052	95.755	ug/L	0.00
7) Chloroethane-d5	1.882	69	153670	93.301	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	63	370444	93.820	ug/L	0.00
21) 2-Butanone-d5	4.608	46	135071	119.326	ug/L	0.00
24) Chloroform-d	5.049	84	349890	92.262	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	217942	90.714	ug/L	0.00
32) Benzene-d6	5.714	84	689227	89.056	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	223471	91.084	ug/L	0.00
41) Toluene-d8	7.891	98	632463	90.423	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	112165	93.939	ug/L	0.00
47) 2-Hexanone-d5	8.627	63	177642	180.408	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	310078	96.316	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	234989	91.082	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	267803	107.996	ug/L	99
3) Chloromethane	1.515	50	269514	114.480	ug/L	98
5) Vinyl chloride	1.599	62	267643	109.265	ug/L	100
6) Bromomethane	1.824	94	94006	69.249	ug/L	99
8) Chloroethane	1.904	64	155079	107.220	ug/L	99
9) Trichlorofluoromethane	2.120	101	330230	98.641	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	192476	97.491	ug/L	99
12) 1,1-Dichloroethene	2.567	96	180726	100.217	ug/L	98
13) Acetone	2.612	43	247891	164.232	ug/L	99
14) Carbon disulfide	2.779	76	580396	103.308	ug/L	99
15) Methyl Acetate	2.933	43	202483	100.728	ug/L	99
16) Methylene chloride	3.030	84	206049	98.377	ug/L	99
17) trans-1,2-Dichloroethene	3.338	96	183943	99.845	ug/L	98
18) Methyl tert-butyl Ether	3.348	73	648550	100.499	ug/L	100
19) 1,1-Dichloroethane	3.853	63	382736	103.154	ug/L	98
20) cis-1,2-Dichloroethene	4.650	96	211215	99.363	ug/L	98
22) 2-Butanone	4.685	43	321033	195.158	ug/L	97
23) Bromochloromethane	4.959	128	103671	100.027	ug/L	98
25) Chloroform	5.074	83	377207	99.905	ug/L	100
27) 1,2-Dichloroethane	5.782	62	308218	98.491	ug/L	98
29) Cyclohexane	5.377	56	356049	102.806	ug/L	99
30) 1,1,1-Trichloroethane	5.303	97	323057	95.645	ug/L	100
31) Carbon tetrachloride	5.512	117	282558	95.919	ug/L	99
33) Benzene	5.763	78	824093	98.772	ug/L	100
34) Trichloroethene	6.531	95	212718	95.260	ug/L	98
35) Methylcyclohexane	6.753	83	352836	98.259	ug/L	100
37) 1,2-Dichloropropane	6.779	63	235665	102.161	ug/L	99
38) Bromodichloromethane	7.097	83	284992	99.653	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	375298	101.186	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	605675	211.227	ug/L	100
42) Toluene	7.962	91	868248	99.449	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	349447	102.631	ug/L	99

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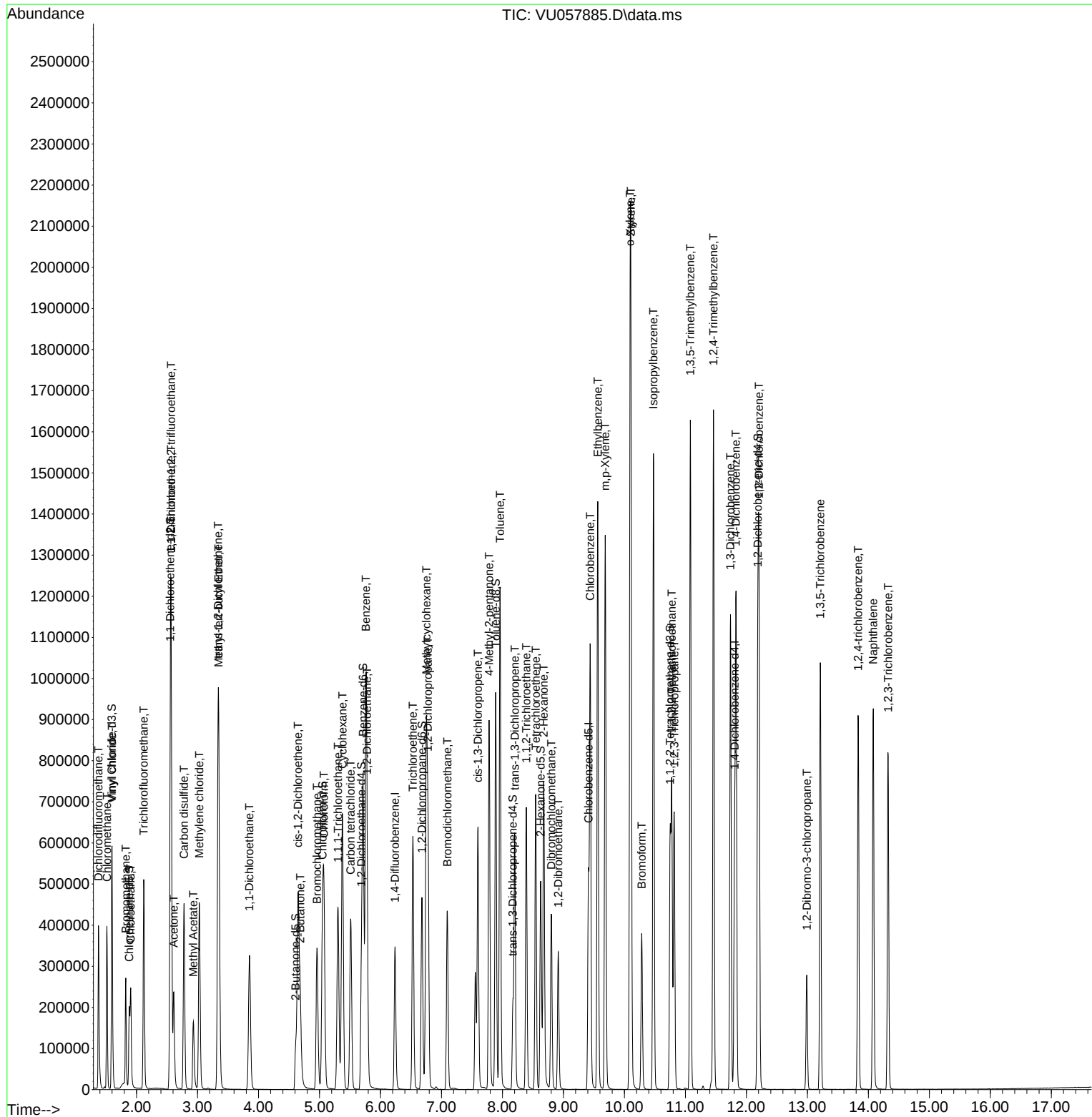
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	204725	97.374	ug/L	98
46) Tetrachloroethene	8.547	164	147807	95.581	ug/L	97
48) 2-Hexanone	8.676	43	503054	203.361	ug/L	99
49) Dibromochloromethane	8.801	129	216313	102.226	ug/L	97
50) 1,2-Dibromoethane	8.917	107	219387	97.756	ug/L	98
51) Chlorobenzene	9.441	112	547071	99.107	ug/L	98
52) Ethylbenzene	9.563	91	992922	100.281	ug/L	99
53) m,p-Xylene	9.685	106	364929	100.744	ug/L	99
54) o-Xylene	10.094	106	362137	102.132	ug/L	99
55) Styrene	10.106	104	633312	106.364	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	363891	105.724	ug/L	99
59) Bromoform	10.283	173	162740	102.066	ug/L #	99
60) 1,2,3-Trichloropropane	10.817	75	283356	97.705	ug/L	99
61) Isopropylbenzene	10.476	105	994975	99.101	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	872269	102.726	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	877869	103.056	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	438794	100.381	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	438563	97.652	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	429856	97.792	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	74761	103.041	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	297588	97.933	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	253233	98.077	ug/L	99
71) Naphthalene	14.081	128	710883	103.006	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	235022	97.212	ug/L	99

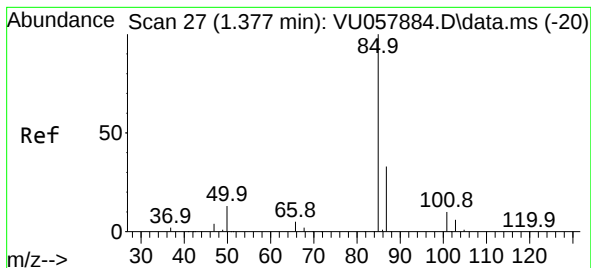
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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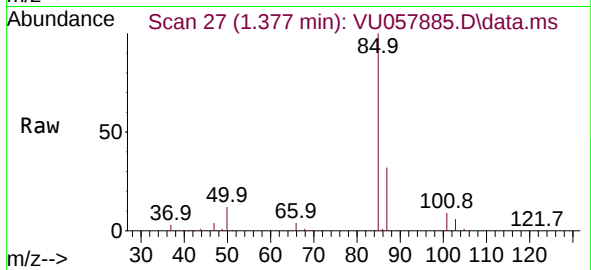
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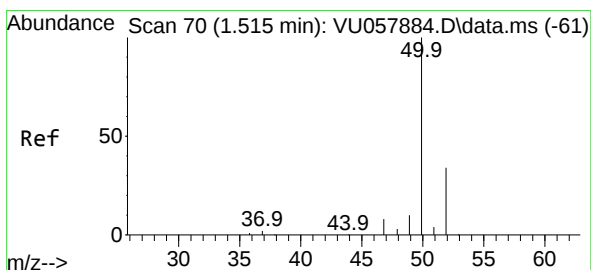
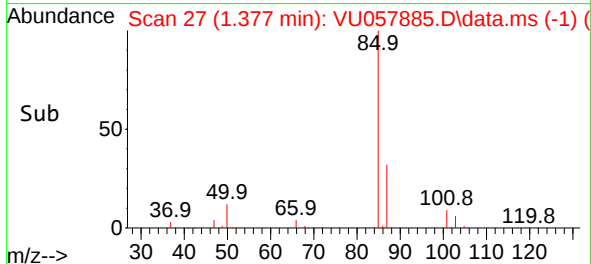
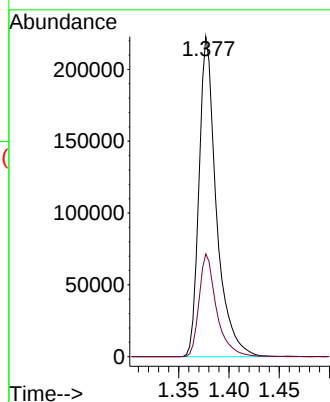


#2
 Dichlorodifluoromethane
 Concen: 107.996 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU057885.D
 Acq: 19 Feb 2024 16:57

Instrument :
 MSVOA_U
 ClientSampleId :

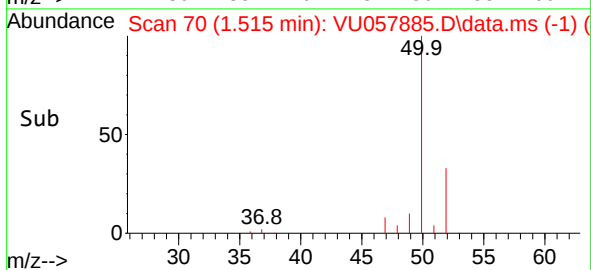
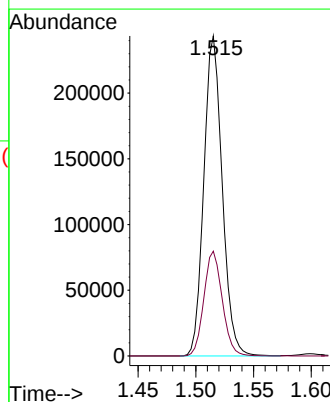
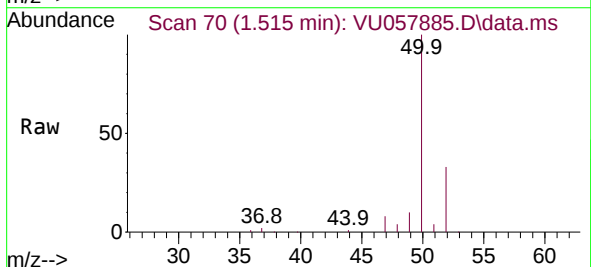


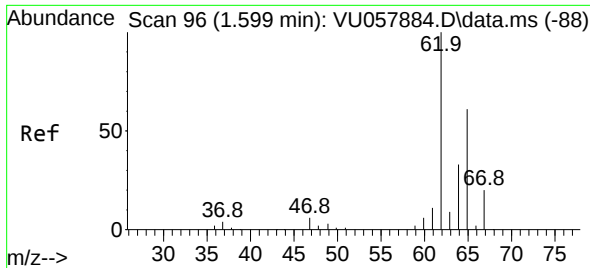
Tgt Ion: 85 Resp: 267803
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.2 39.2



#3
 Chloromethane
 Concen: 114.480 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU057885.D
 Acq: 19 Feb 2024 16:57

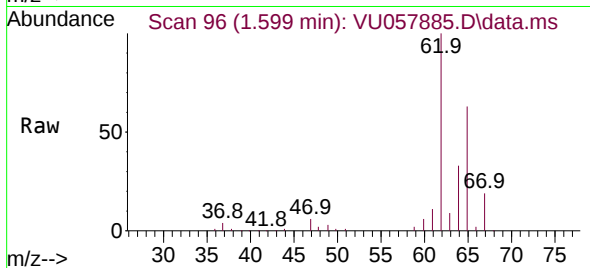
Tgt Ion: 50 Resp: 269514
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.8 44.2



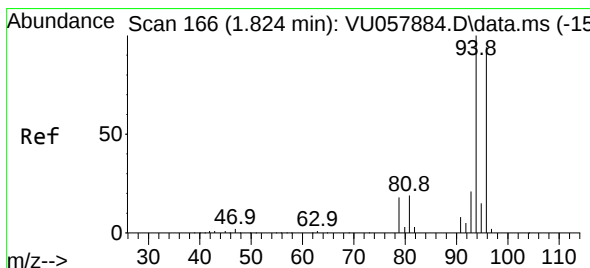
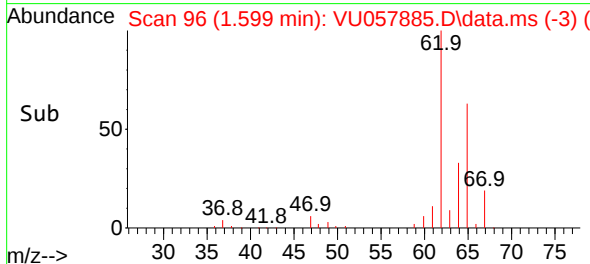
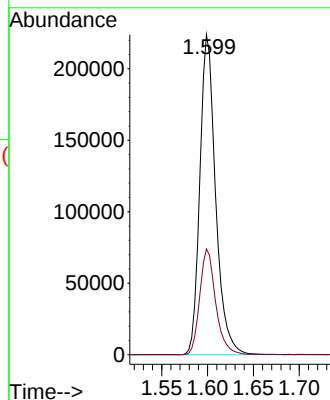


#5
 Vinyl chloride
 Concen: 109.265 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU057885.D
 Acq: 19 Feb 2024 16:57

Instrument :
 MSVOA_U
 ClientSampleId :

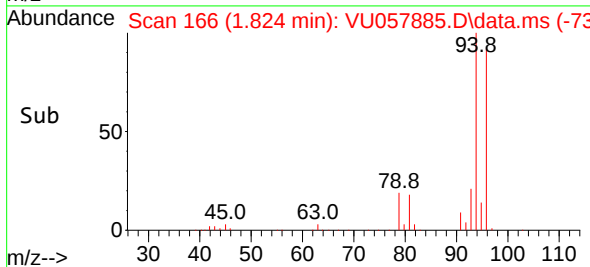
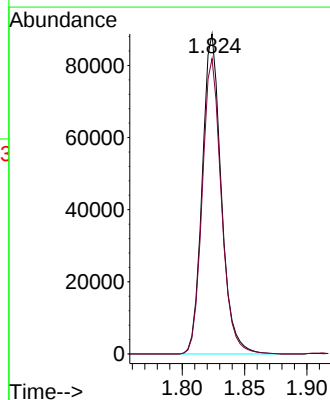
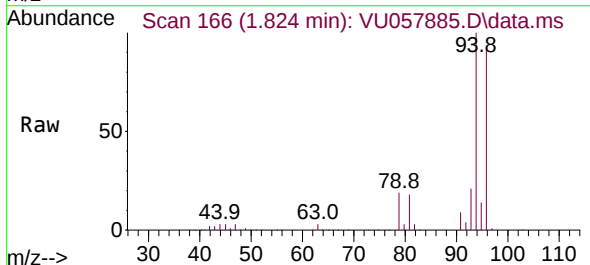


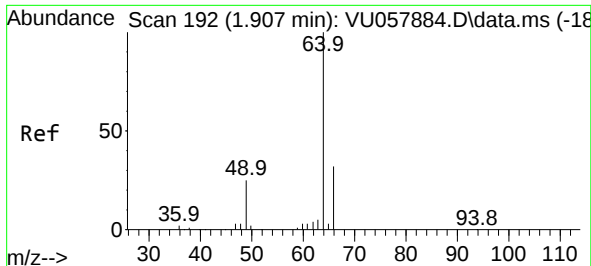
Tgt Ion: 62 Resp: 267643
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 69.249 ug/L
 RT: 1.824 min Scan# 166
 Delta R.T. 0.000 min
 Lab File: VU057885.D
 Acq: 19 Feb 2024 16:57

Tgt Ion: 94 Resp: 94006
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.5 121.7





#8

Chloroethane

Concen: 107.220 ug/L

RT: 1.904 min Scan# 19

Delta R.T. -0.003 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

Instrument :

MSVOA_U

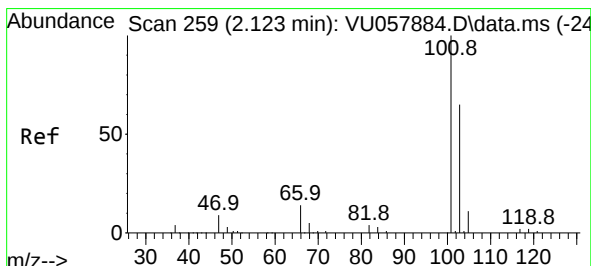
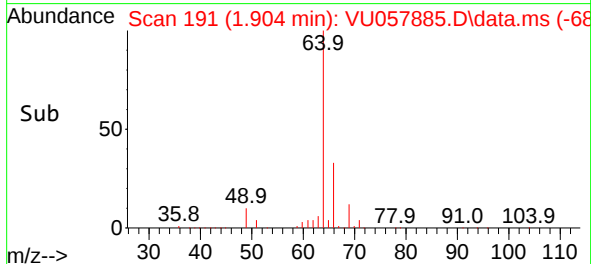
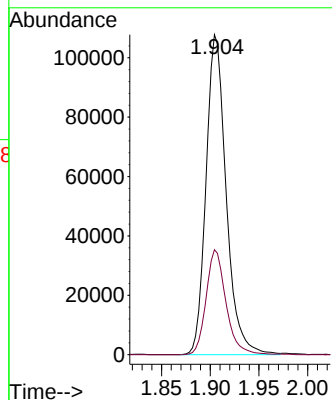
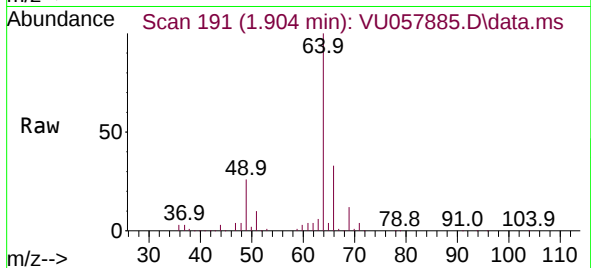
ClientSampleId :

Tgt Ion: 64 Resp: 155079

Ion Ratio Lower Upper

64 100

66 32.8 22.5 41.9



#9

Trichlorofluoromethane

Concen: 98.641 ug/L

RT: 2.120 min Scan# 258

Delta R.T. -0.003 min

Lab File: VU057885.D

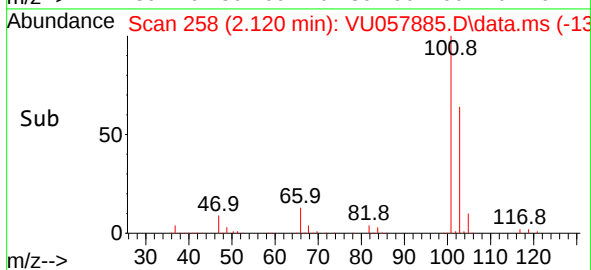
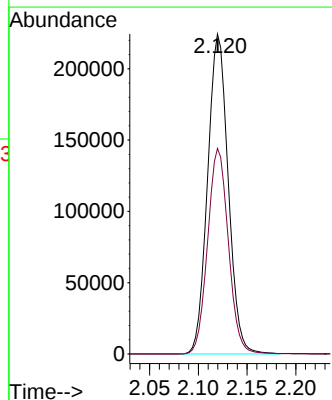
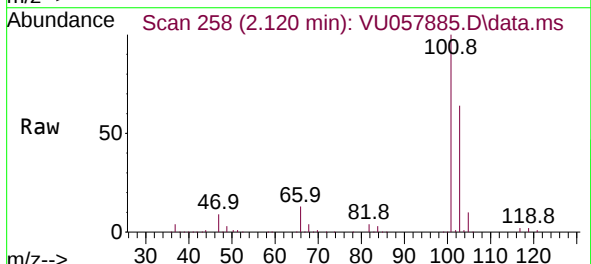
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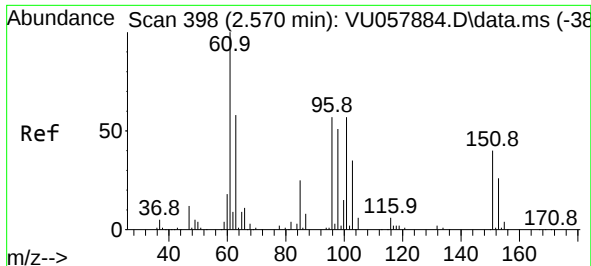
Tgt Ion:101 Resp: 330230

Ion Ratio Lower Upper

101 100

103 64.6 51.7 77.5





#10

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

Concen: 97.491 ug/L

RT: 2.567 min Scan# 397

Delta R.T. -0.003 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

Instrument :

MSVOA_U

ClientSampleId :

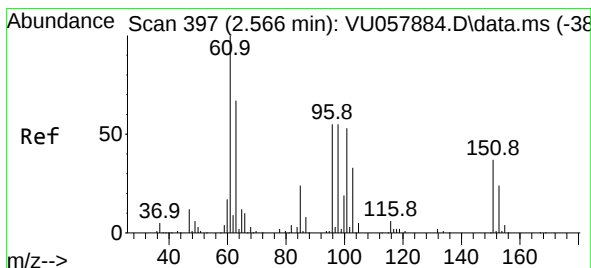
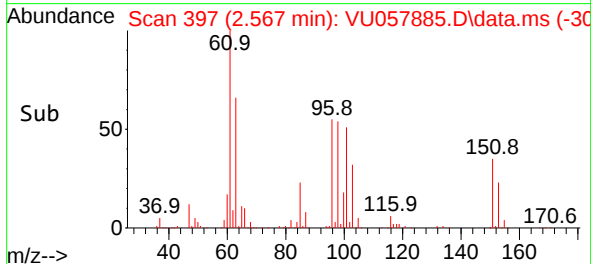
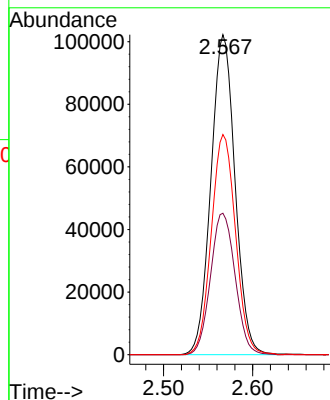
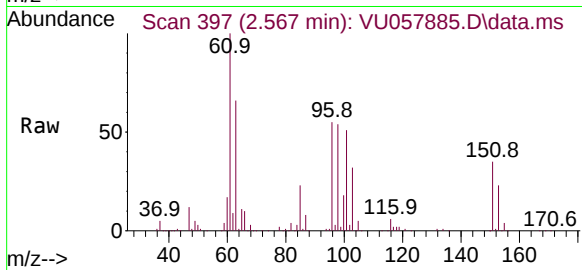
Tgt Ion:101 Resp: 192476

Ion Ratio Lower Upper

101 100

85 45.1 35.7 53.5

151 69.2 55.8 83.6



#12

1,1-Dichloroethene

Concen: 100.217 ug/L

RT: 2.567 min Scan# 397

Delta R.T. 0.000 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

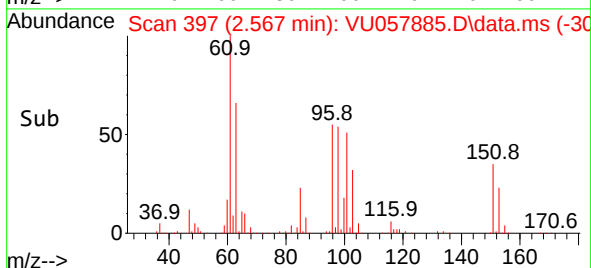
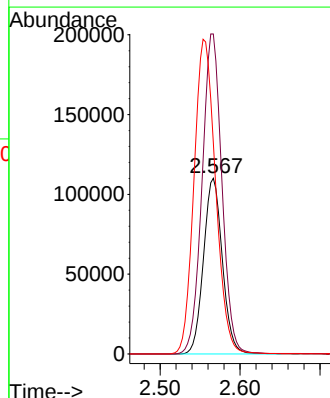
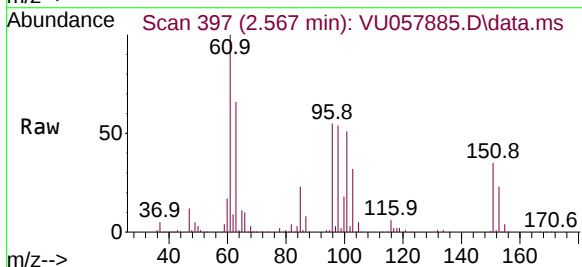
Tgt Ion: 96 Resp: 180726

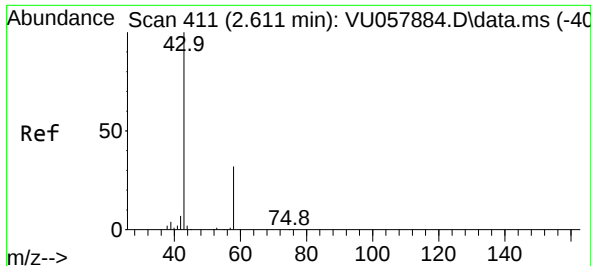
Ion Ratio Lower Upper

96 100

61 182.2 126.8 235.6

63 120.4 86.5 160.7





#13

Acetone

Concen: 164.232 ug/L

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU057885.D

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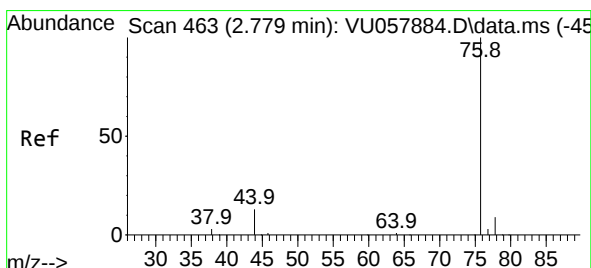
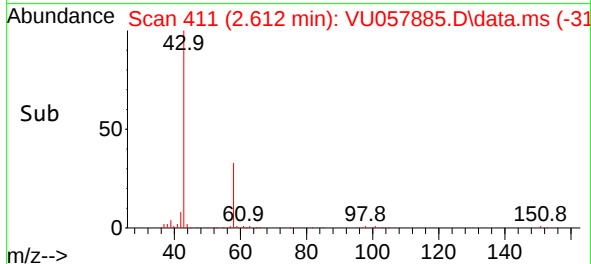
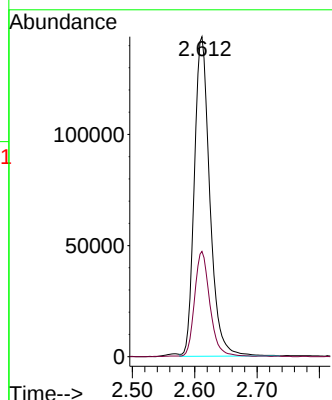
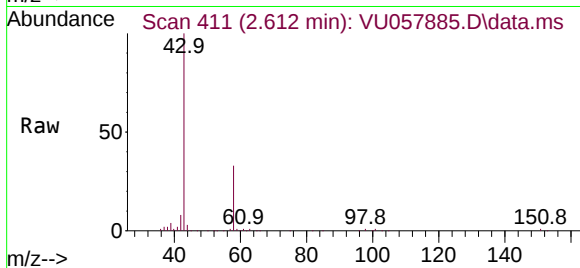
ClientSampleId :

Tgt Ion: 43 Resp: 247891

Ion Ratio Lower Upper

43 100

58 32.5 0.0 64.2



#14

Carbon disulfide

Concen: 103.308 ug/L

RT: 2.779 min Scan# 463

Delta R.T. 0.000 min

Lab File: VU057885.D

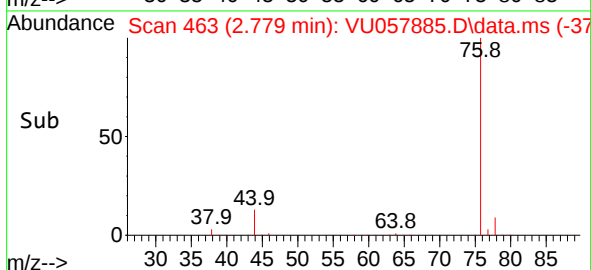
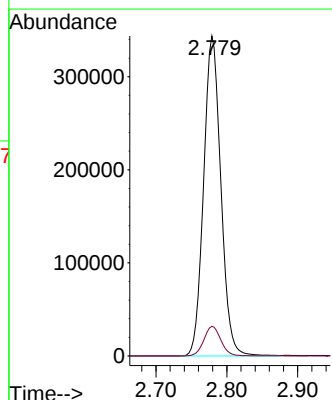
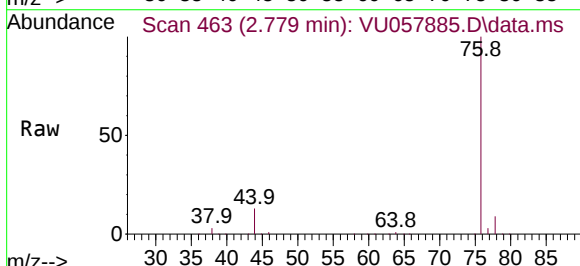
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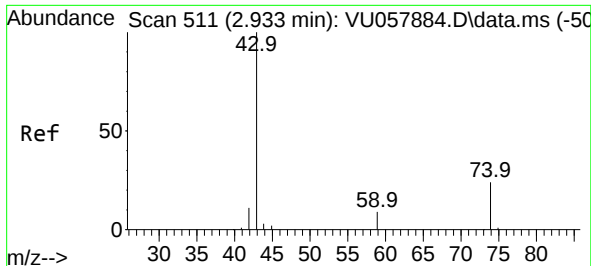
Tgt Ion: 76 Resp: 580396

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

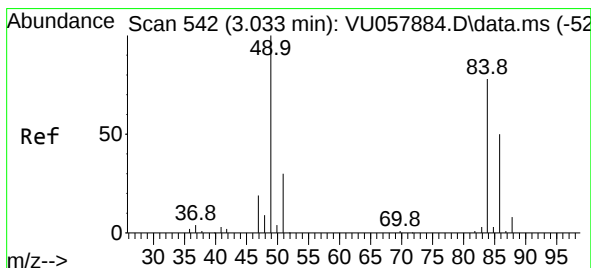
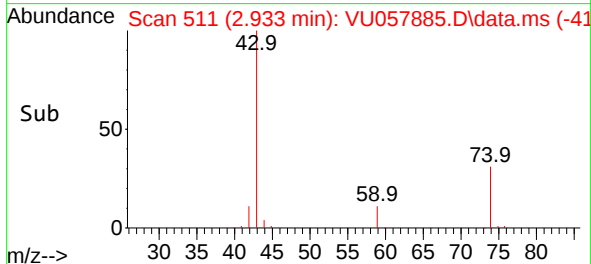
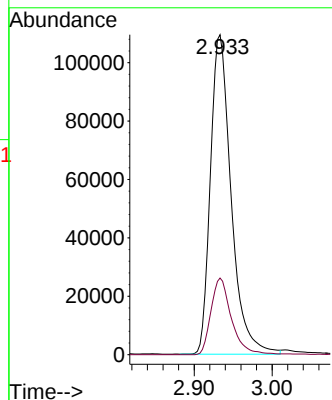
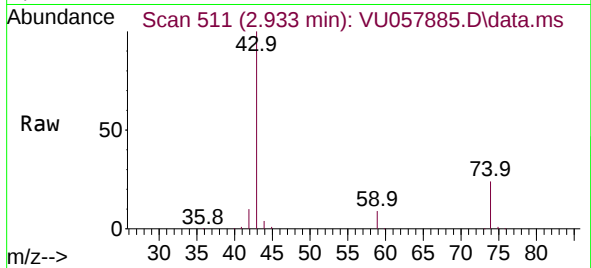




#15
Methyl Acetate
Concen: 100.728 ug/L
RT: 2.933 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

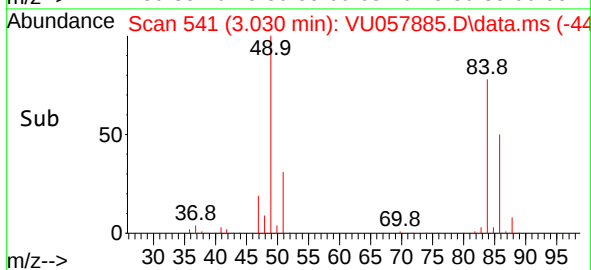
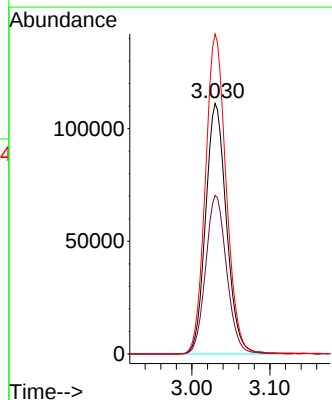
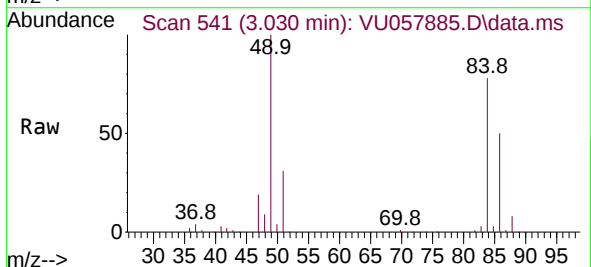
Instrument :
MSVOA_U
ClientSampleId :

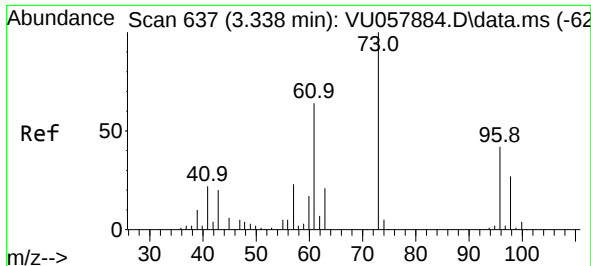
Tgt Ion: 43 Resp: 202483
Ion Ratio Lower Upper
43 100
74 23.6 18.6 27.8



#16
Methylene chloride
Concen: 98.377 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

Tgt Ion: 84 Resp: 206049
Ion Ratio Lower Upper
84 100
86 63.4 45.1 83.7
49 127.7 89.7 166.5





#17

trans-1,2-Dichloroethene

Concen: 99.845 ug/L

RT: 3.338 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

Instrument :

MSVOA_U

ClientSampleId :

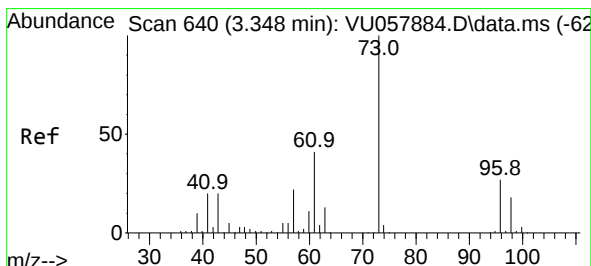
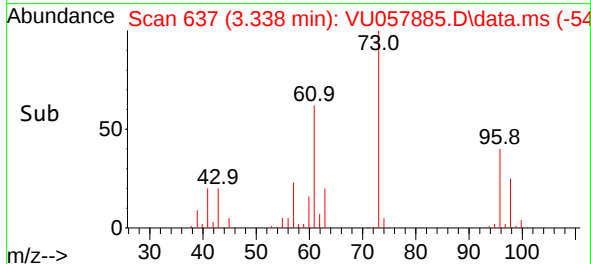
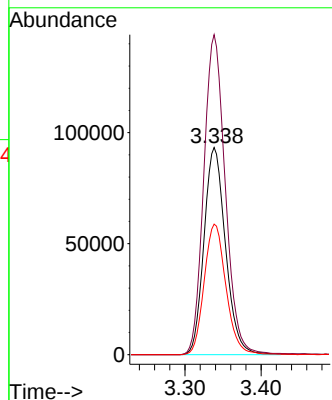
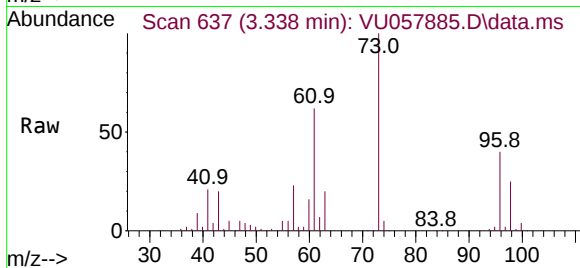
Tgt Ion: 96 Resp: 183943

Ion Ratio Lower Upper

96 100

61 154.5 106.3 197.3

98 63.0 44.4 82.5



#18

Methyl tert-butyl Ether

Concen: 100.499 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

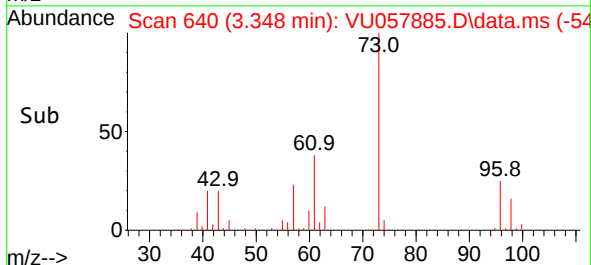
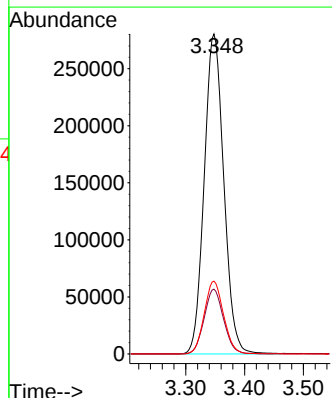
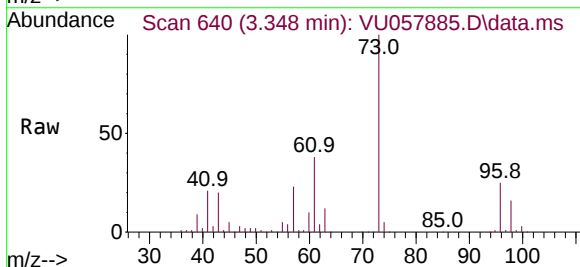
Tgt Ion: 73 Resp: 648550

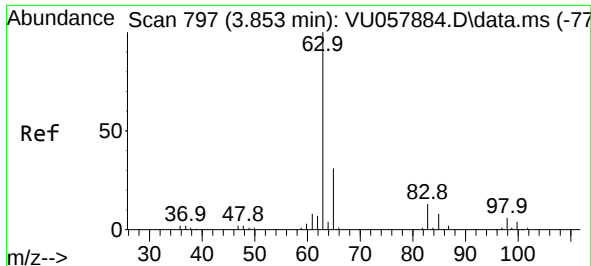
Ion Ratio Lower Upper

73 100

43 19.9 16.0 24.0

57 22.4 17.8 26.6





#19

1,1-Dichloroethane

Concen: 103.154 ug/L

RT: 3.853 min Scan# 797

Delta R.T. 0.000 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

Instrument :

MSVOA_U

ClientSampleId :

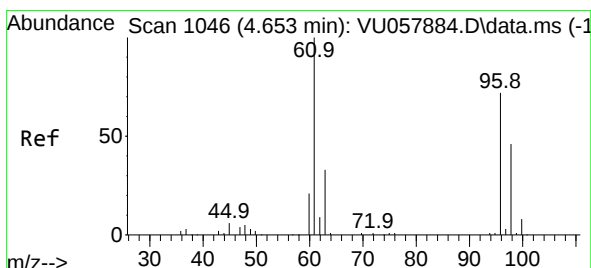
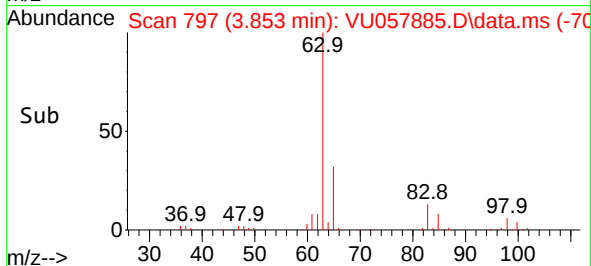
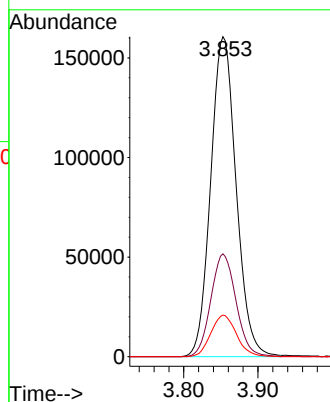
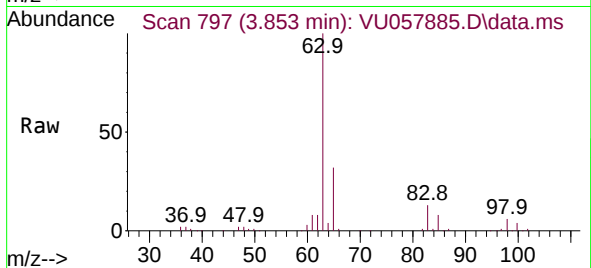
Tgt Ion: 63 Resp: 382736

Ion Ratio Lower Upper

63 100

65 32.1 21.7 40.3

83 13.0 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 99.363 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

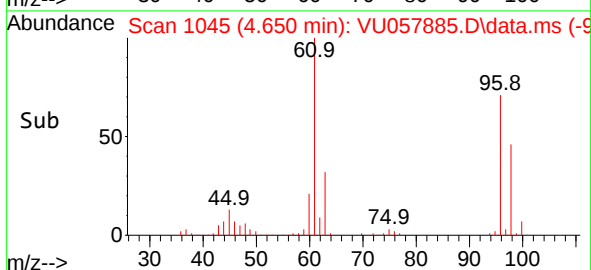
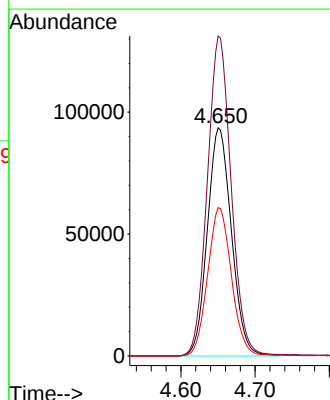
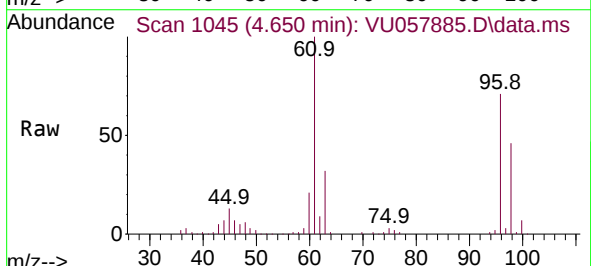
Tgt Ion: 96 Resp: 211215

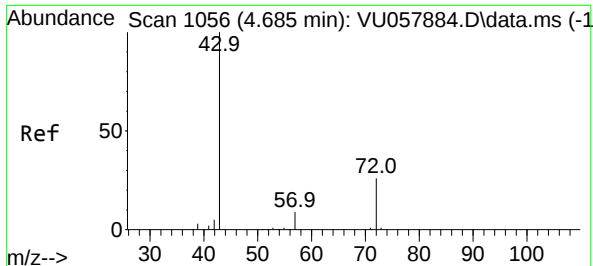
Ion Ratio Lower Upper

96 100

61 140.2 96.7 179.7

98 65.0 44.3 82.3

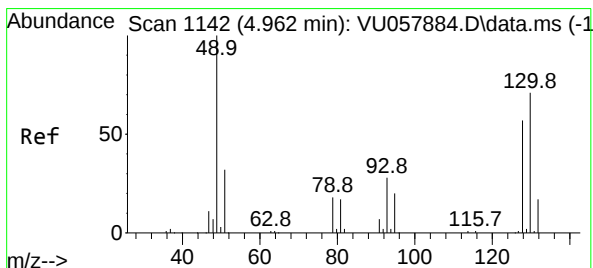
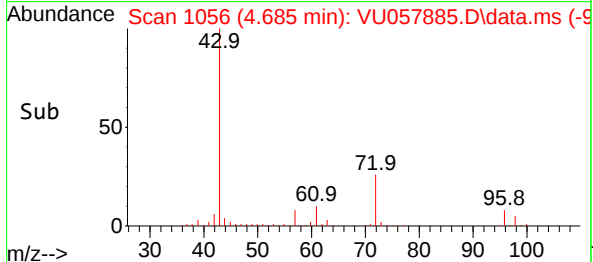
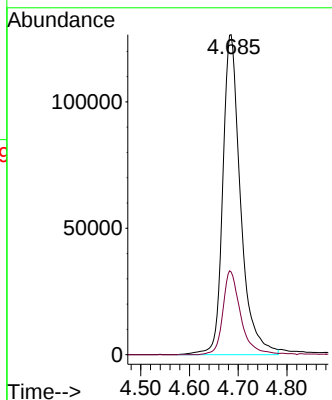
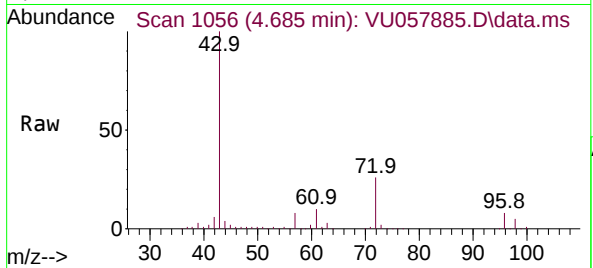




#22
2-Butanone
Concen: 195.158 ug/L
RT: 4.685 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

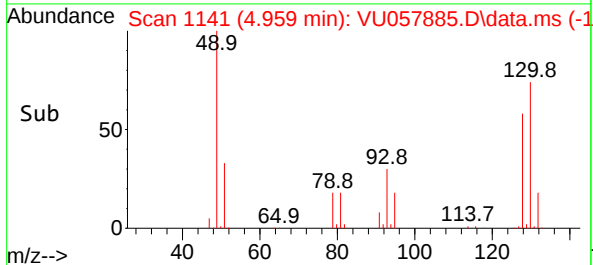
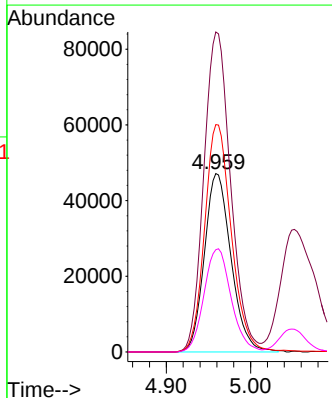
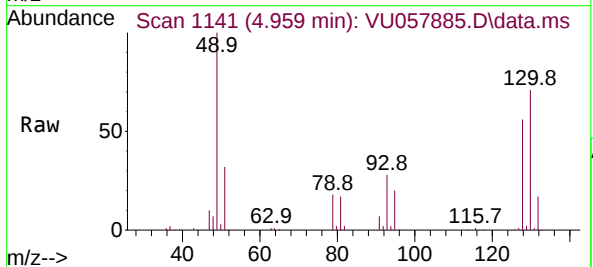
Instrument :
MSVOA_U
ClientSampleId :

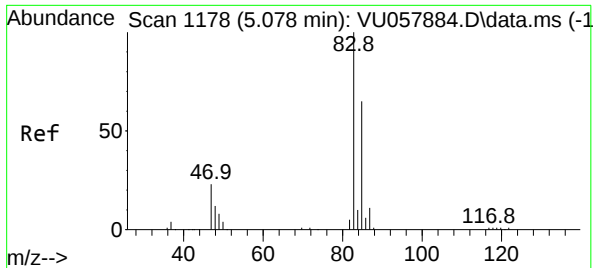
Tgt Ion: 43 Resp: 321033
Ion Ratio Lower Upper
43 100
72 26.1 13.8 41.3



#23
Bromochloromethane
Concen: 100.027 ug/L
RT: 4.959 min Scan# 1141
Delta R.T. -0.003 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

Tgt Ion:128 Resp: 103671
Ion Ratio Lower Upper
128 100
49 179.4 124.0 230.4
130 127.5 87.8 163.0
51 57.3 44.4 66.6

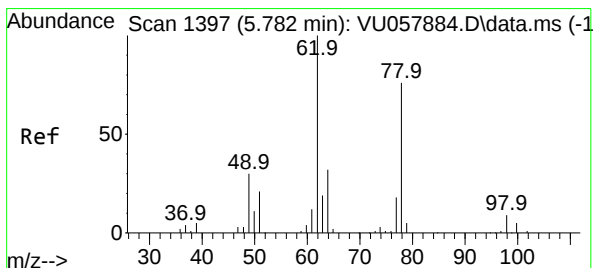
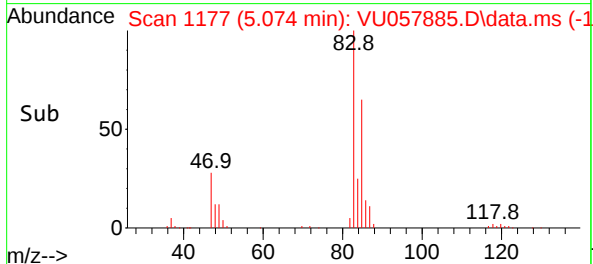
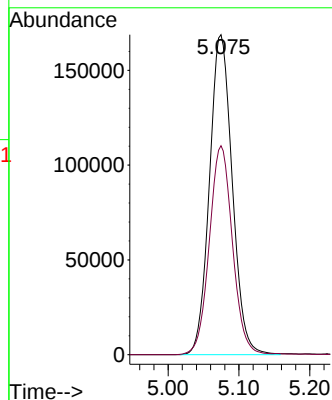
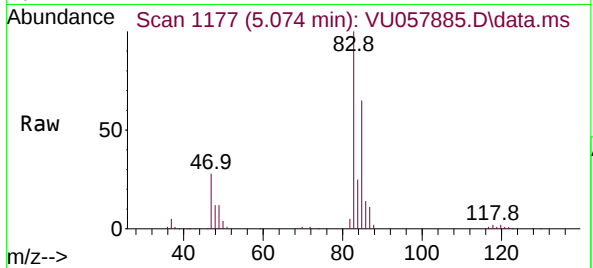




#25
Chloroform
Concen: 99.905 ug/L
RT: 5.074 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

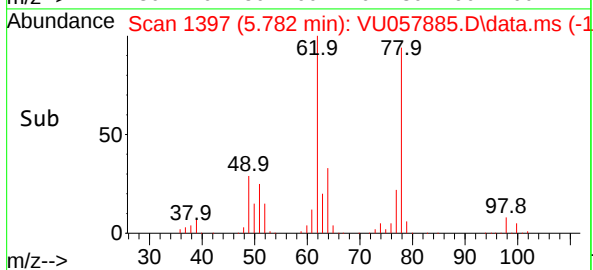
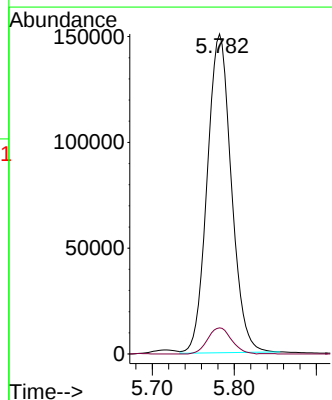
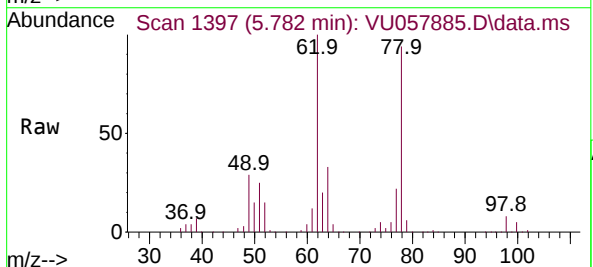
Instrument :
MSVOA_U
ClientSampleId :

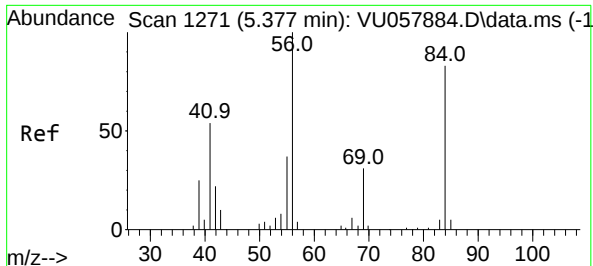
Tgt Ion: 83 Resp: 377207
Ion Ratio Lower Upper
83 100
85 65.3 45.6 84.6



#27
1,2-Dichloroethane
Concen: 98.491 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

Tgt Ion: 62 Resp: 308218
Ion Ratio Lower Upper
62 100
98 8.2 7.1 10.7





#29

Cyclohexane

Concen: 102.806 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

Instrument :

MSVOA_U

ClientSampleId :

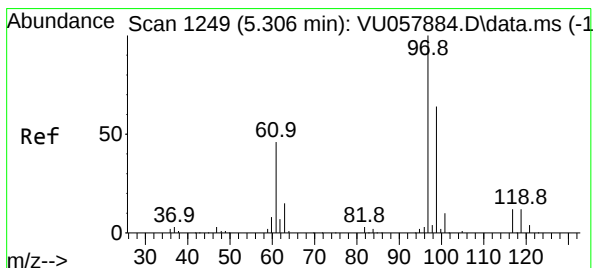
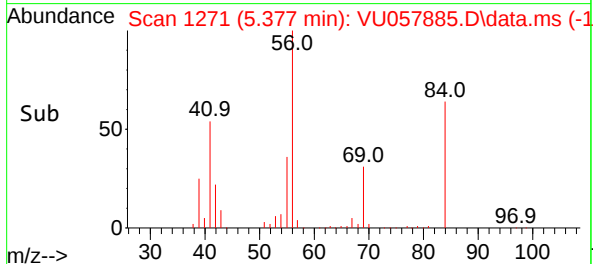
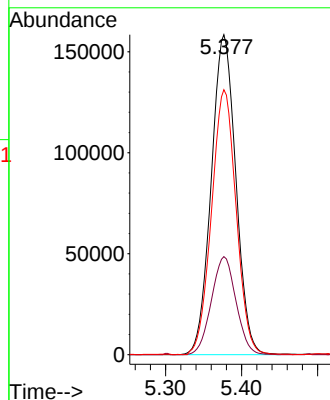
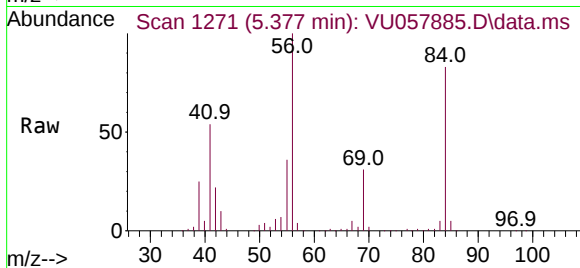
Tgt Ion: 56 Resp: 356049

Ion Ratio Lower Upper

56 100

69 30.7 24.6 36.8

84 82.8 66.9 100.3



#30

1,1,1-Trichloroethane

Concen: 95.645 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.003 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

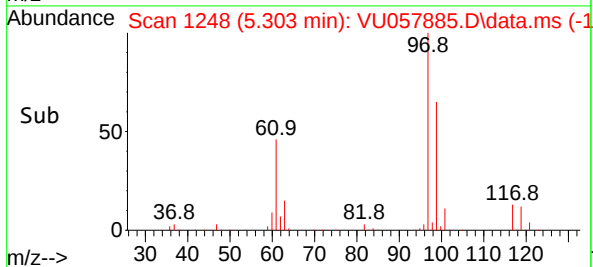
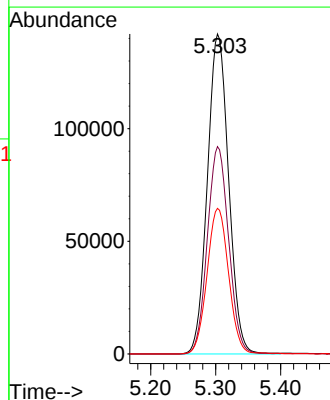
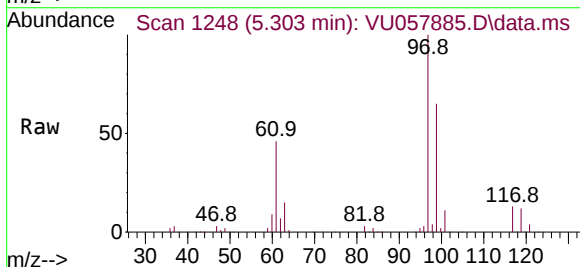
Tgt Ion: 97 Resp: 323057

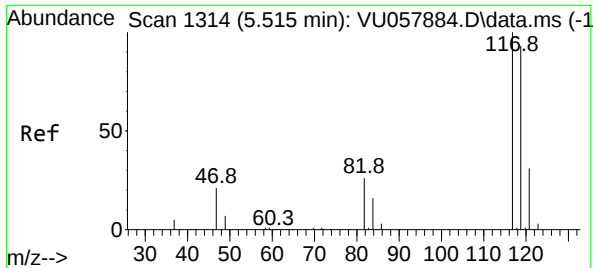
Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

61 46.0 36.8 55.2

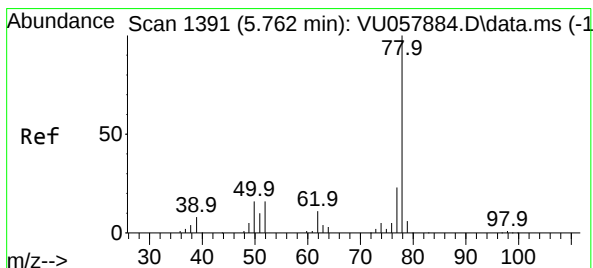
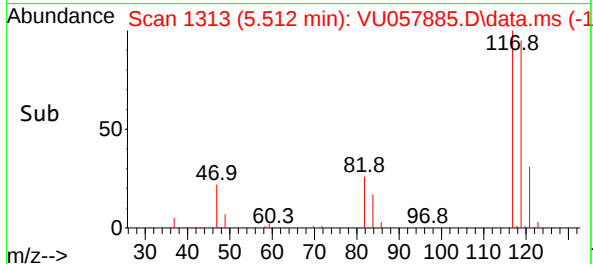
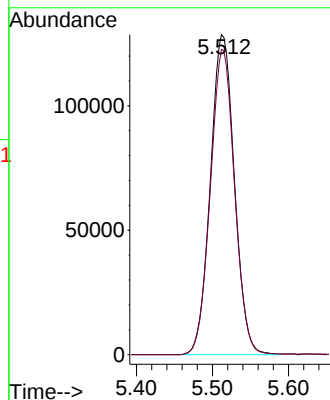
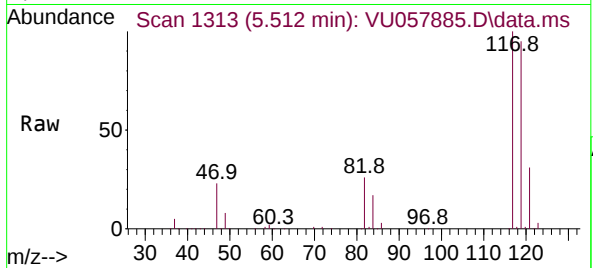




#31
Carbon tetrachloride
Concen: 95.919 ug/L
RT: 5.512 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

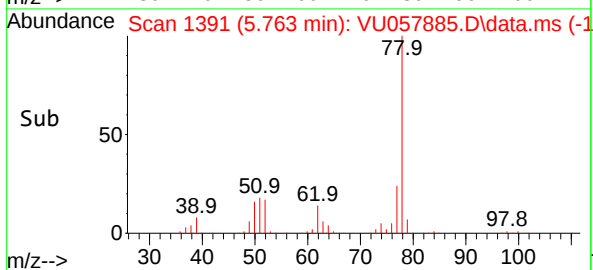
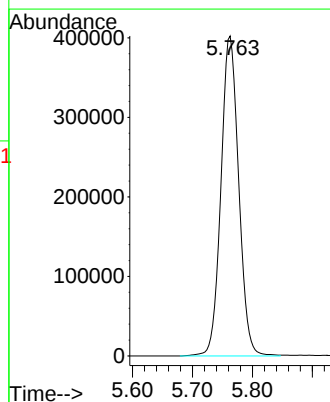
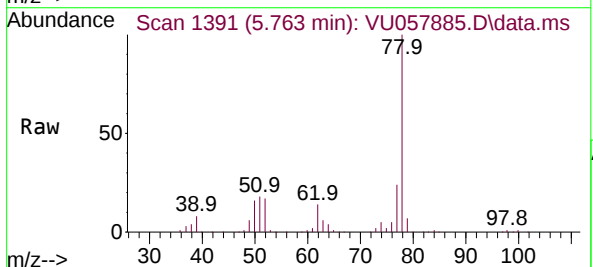
Instrument :
MSVOA_U
ClientSampleId :

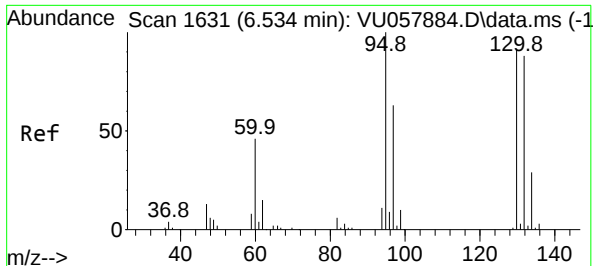
Tgt Ion:117 Resp: 282558
Ion Ratio Lower Upper
117 100
119 95.8 75.9 113.9



#33
Benzene
Concen: 98.772 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

Tgt Ion: 78 Resp: 824093

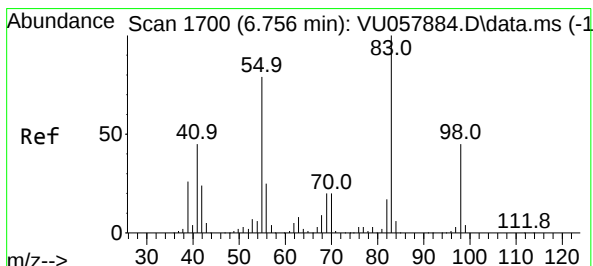
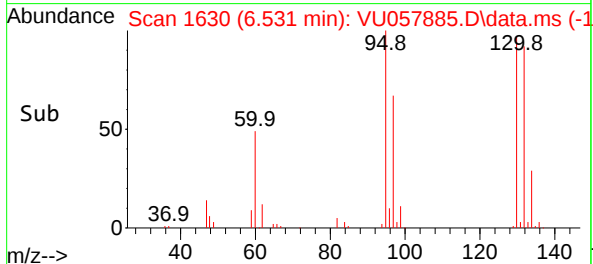
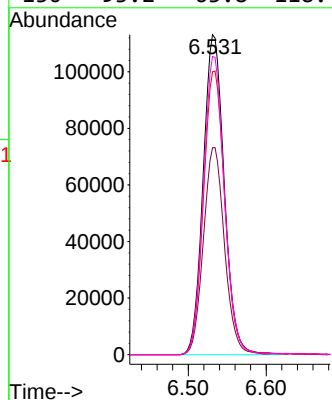
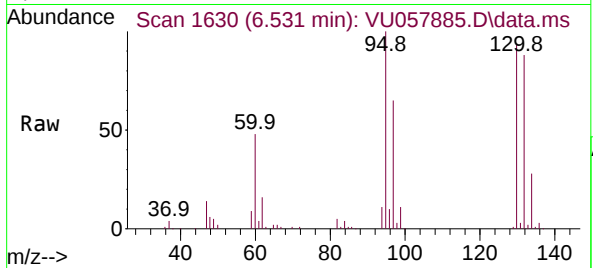




#34
Trichloroethene
Concen: 95.260 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

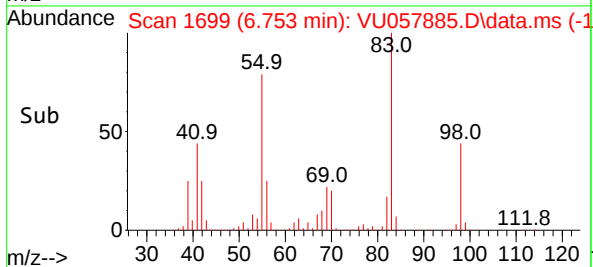
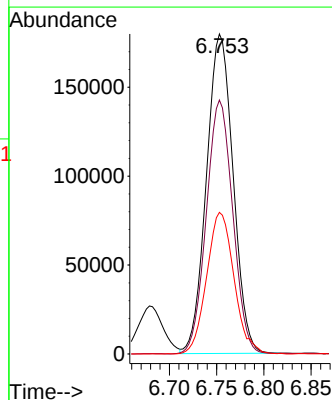
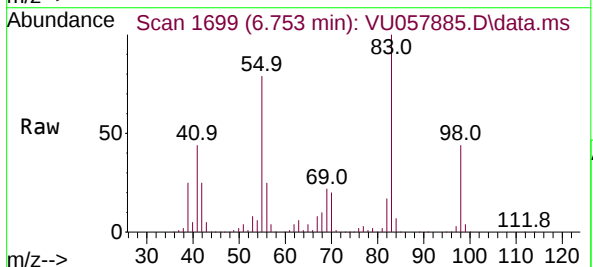
Instrument :
MSVOA_U
ClientSampleId :

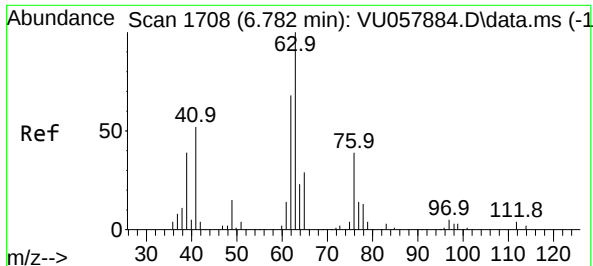
Tgt Ion: 95 Resp: 212718
Ion Ratio Lower Upper
95 100
97 64.6 44.2 82.2
132 88.4 61.4 114.0
130 93.2 63.8 118.4



#35
Methylcyclohexane
Concen: 98.259 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

Tgt Ion: 83 Resp: 352836
Ion Ratio Lower Upper
83 100
55 78.9 62.7 94.1
98 45.4 36.3 54.5





#37

1,2-Dichloropropane

Concen: 102.161 ug/L

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

Instrument :

MSVOA_U

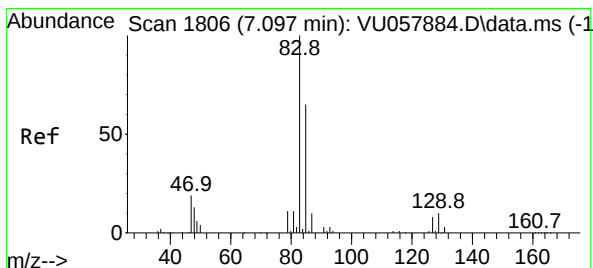
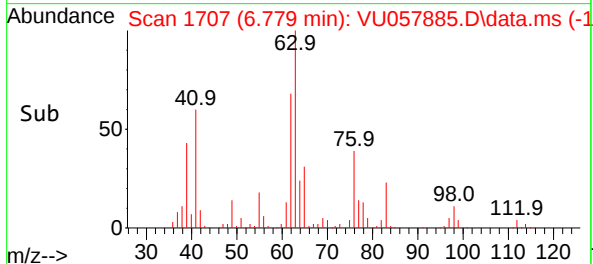
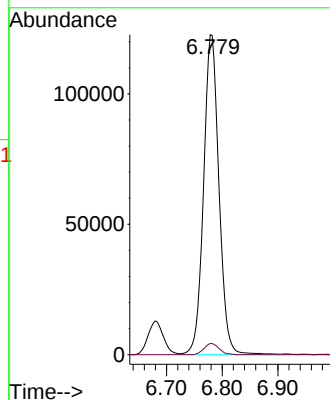
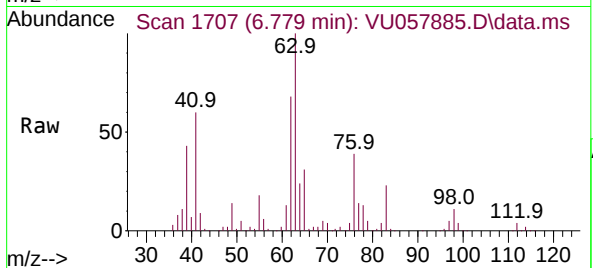
ClientSampleId :

Tgt Ion: 63 Resp: 235665

Ion Ratio Lower Upper

63 100

112 3.4 2.9 4.3



#38

Bromodichloromethane

Concen: 99.653 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

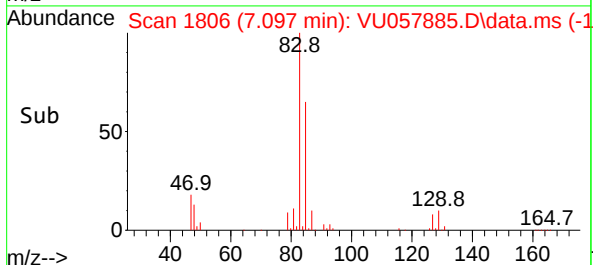
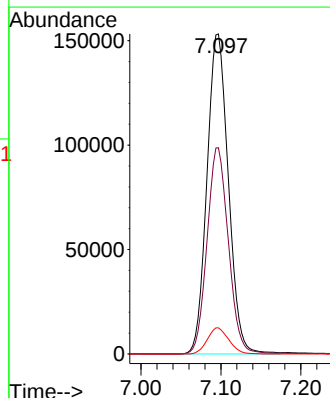
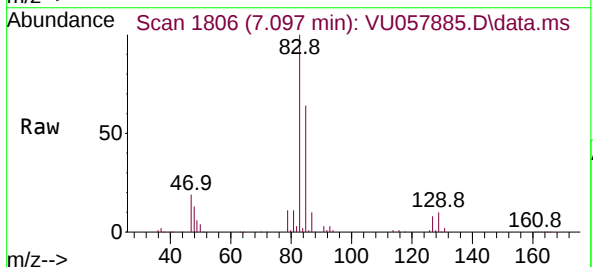
Tgt Ion: 83 Resp: 284992

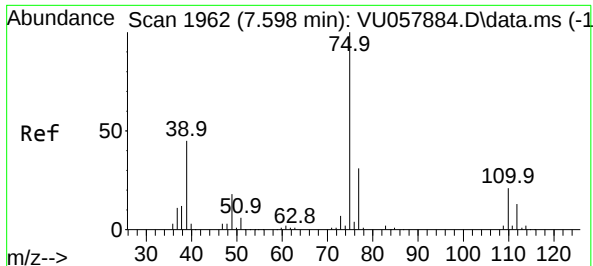
Ion Ratio Lower Upper

83 100

85 64.5 45.4 84.4

127 8.1 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 101.186 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

Instrument :

MSVOA_U

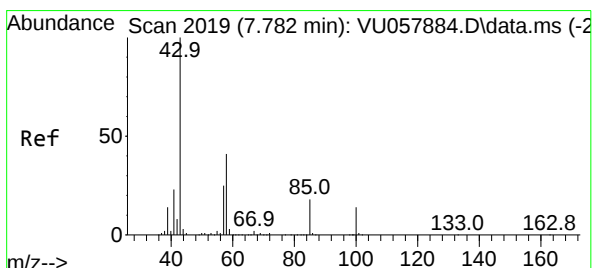
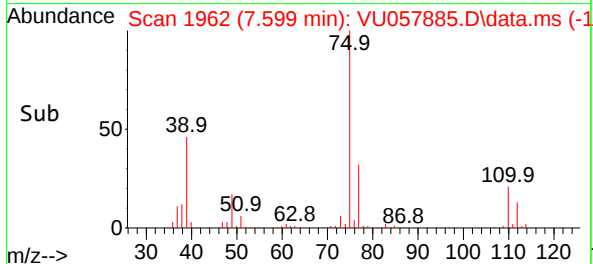
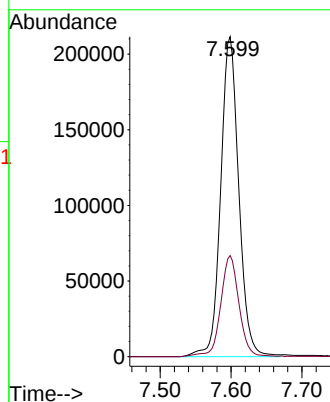
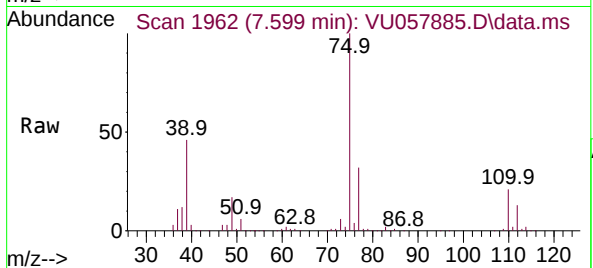
ClientSampleId :

Tgt Ion: 75 Resp: 375298

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 211.227 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

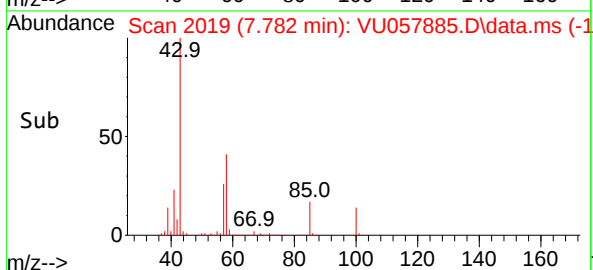
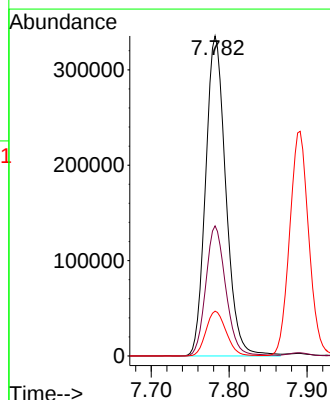
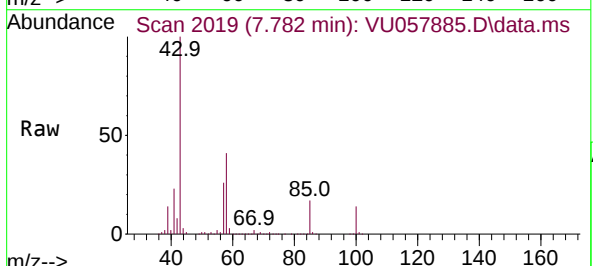
Tgt Ion: 43 Resp: 605675

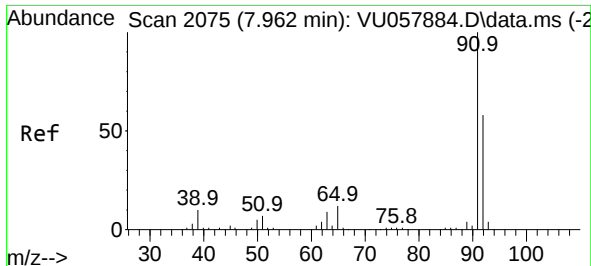
Ion Ratio Lower Upper

43 100

58 40.2 32.3 48.5

100 14.0 11.4 17.0





#42

Toluene

Concen: 99.449 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

Instrument :

MSVOA_U

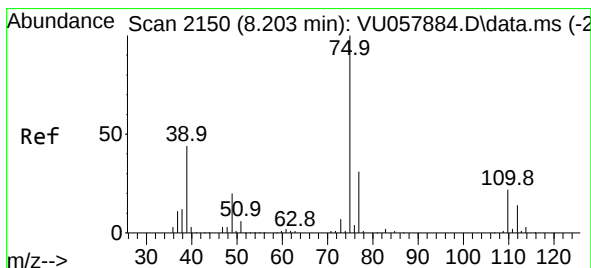
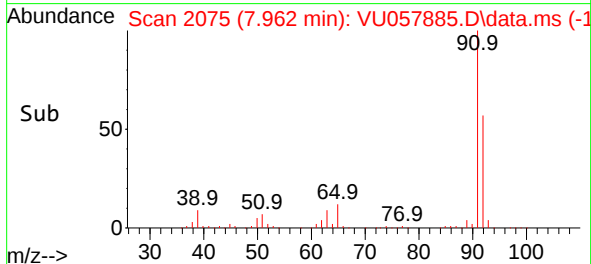
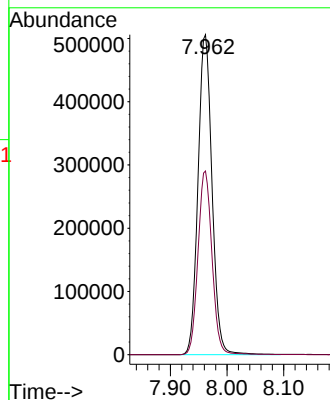
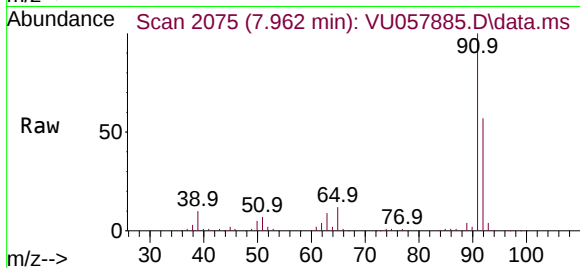
ClientSampleId :

Tgt Ion: 91 Resp: 868248

Ion Ratio Lower Upper

91 100

92 57.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 102.631 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU057885.D

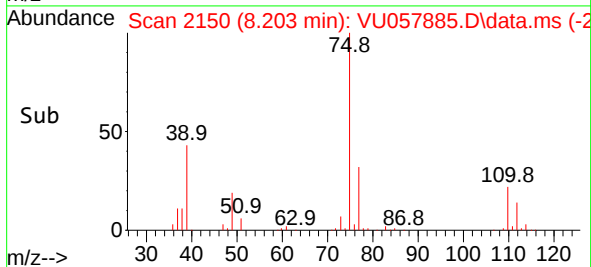
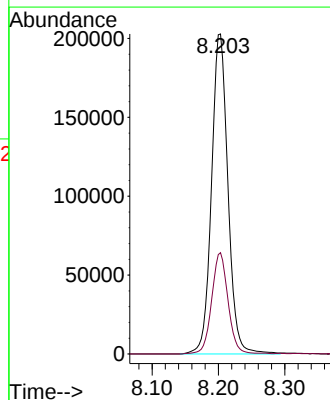
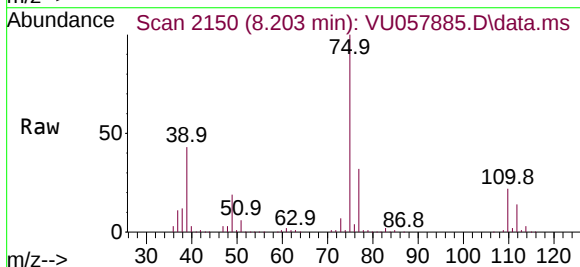
Acq: 19 Feb 2024 16:57

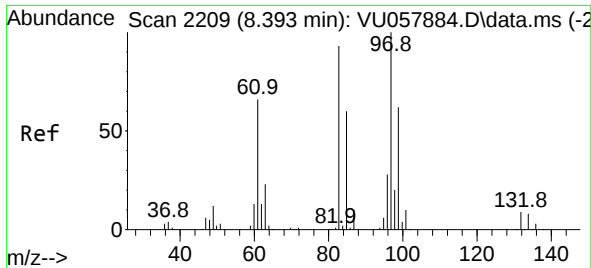
Tgt Ion: 75 Resp: 349447

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4



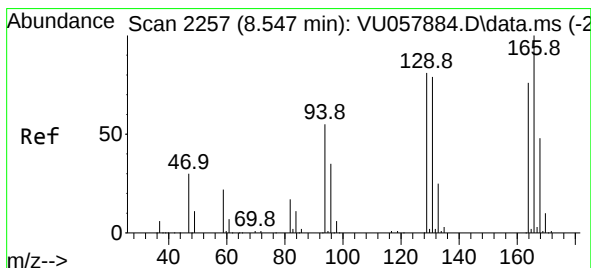
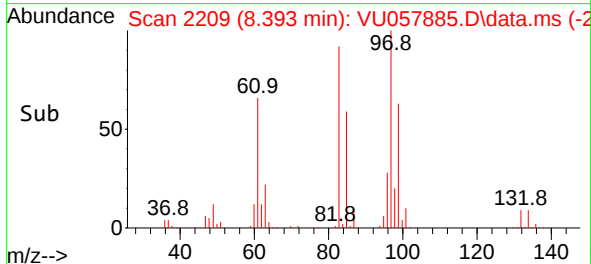
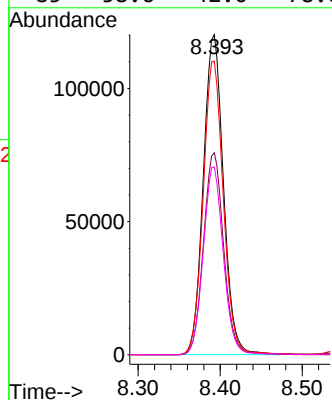
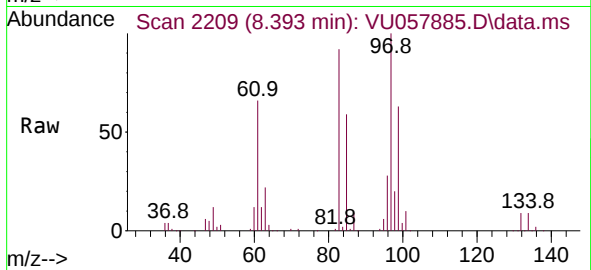


#45
1,1,2-Trichloroethane
Concen: 97.374 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 204725

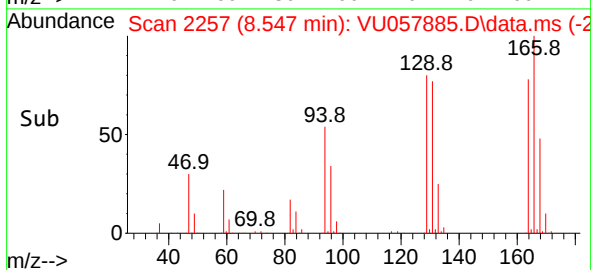
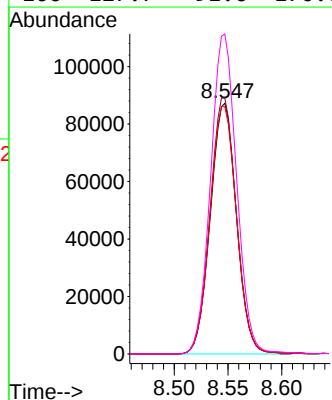
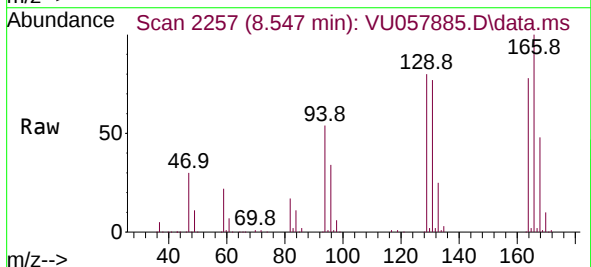
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.0	80.0
83	91.8	65.0	120.6
85	58.6	42.0	78.0

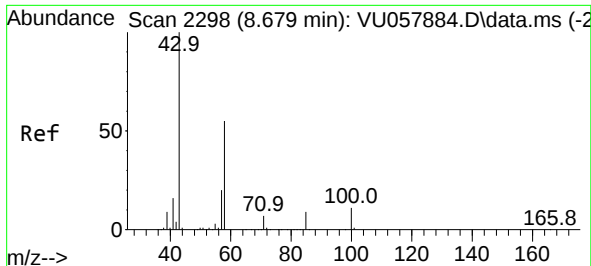


#46
Tetrachloroethene
Concen: 95.581 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

Tgt Ion: 164 Resp: 147807

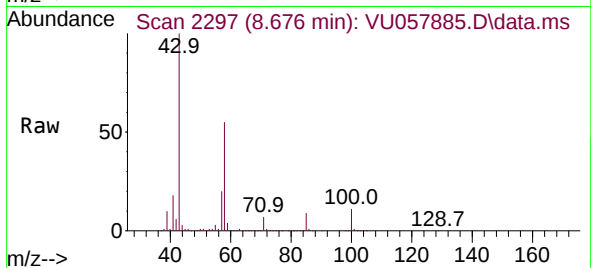
Ion	Ratio	Lower	Upper
164	100		
129	102.1	74.1	137.7
131	98.6	72.0	133.6
166	127.7	91.6	170.0



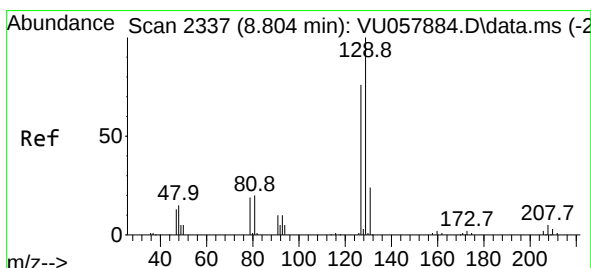
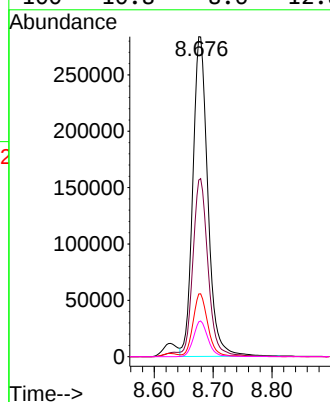
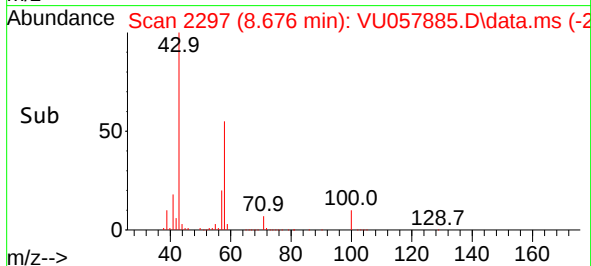


#48
2-Hexanone
Concen: 203.361 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :

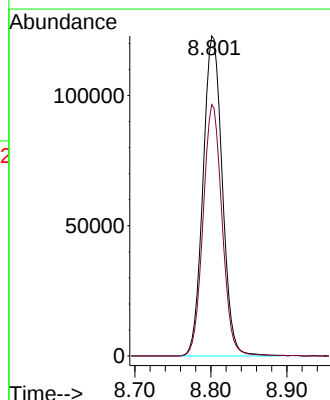
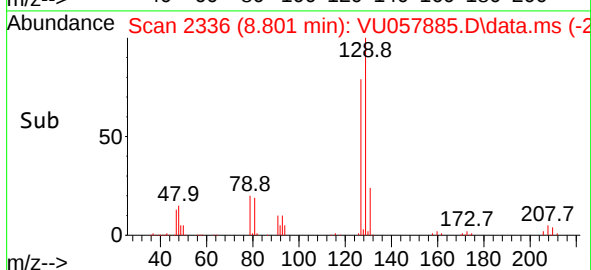
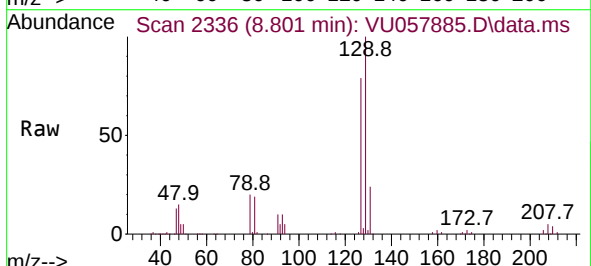


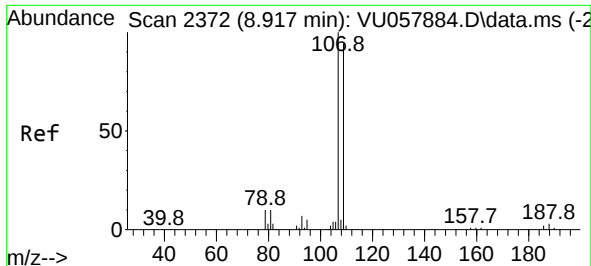
Tgt Ion: 43 Resp: 503054
Ion Ratio Lower Upper
43 100
58 55.5 43.8 65.8
57 18.8 15.5 23.3
100 10.8 8.6 12.8



#49
Dibromochloromethane
Concen: 102.226 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

Tgt Ion: 129 Resp: 216313
Ion Ratio Lower Upper
129 100
127 78.5 53.3 99.1





#50

1,2-Dibromoethane

Concen: 97.756 ug/L

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

Instrument :

MSVOA_U

ClientSampleId :

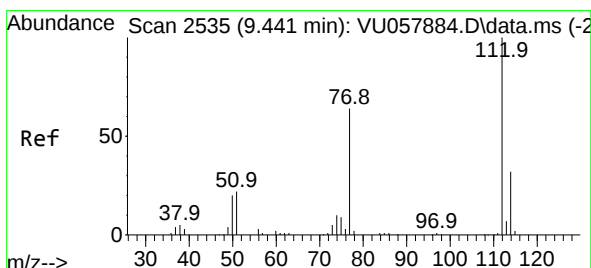
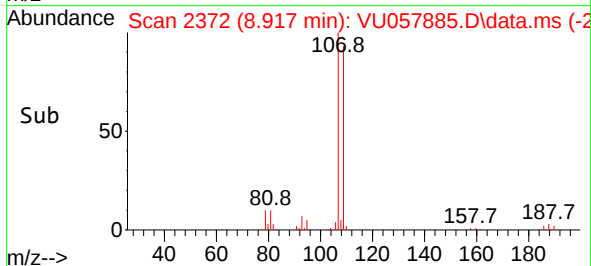
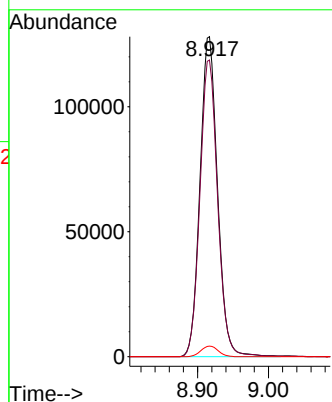
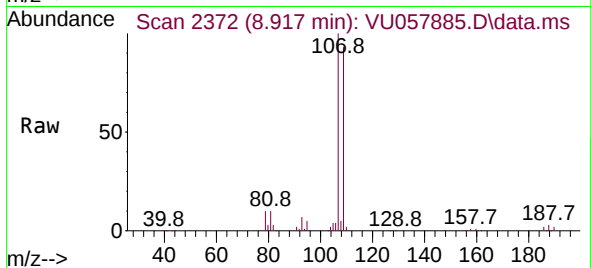
Tgt Ion:107 Resp: 219387

Ion Ratio Lower Upper

107 100

109 92.7 66.1 122.8

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 99.107 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

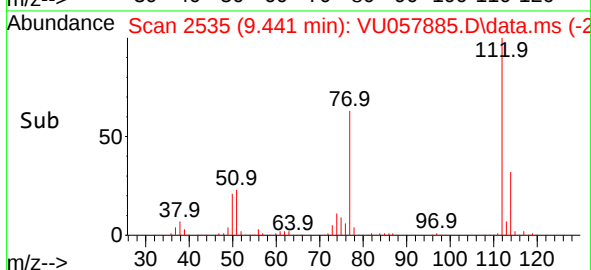
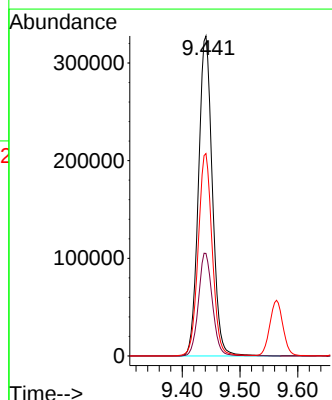
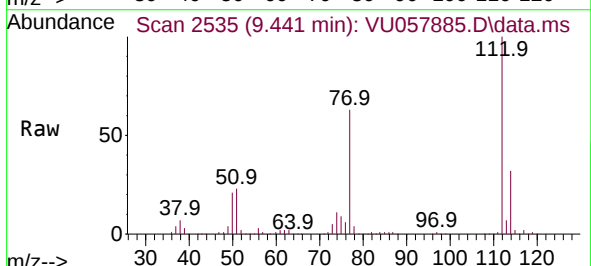
Tgt Ion:112 Resp: 547071

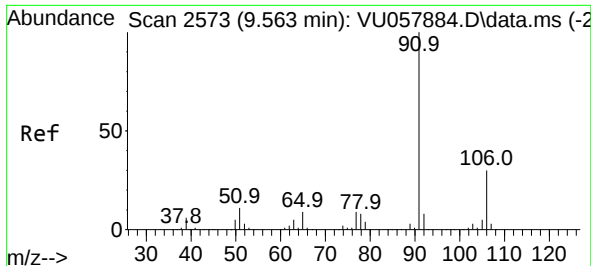
Ion Ratio Lower Upper

112 100

114 32.1 22.7 42.1

77 63.2 51.8 77.8

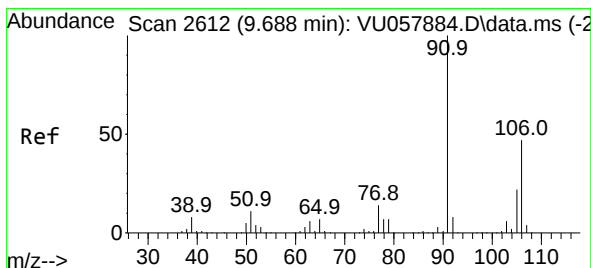
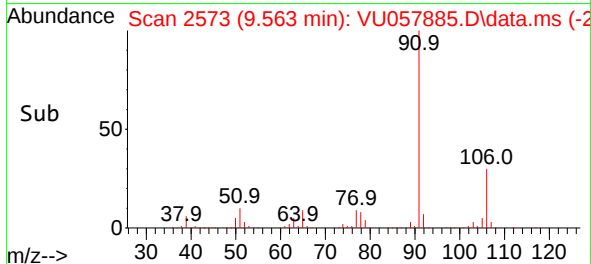
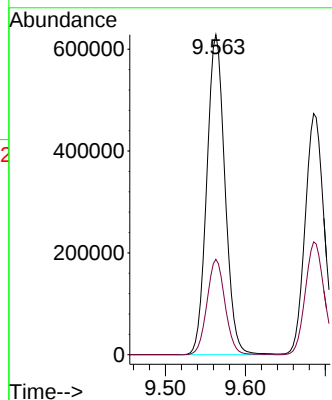
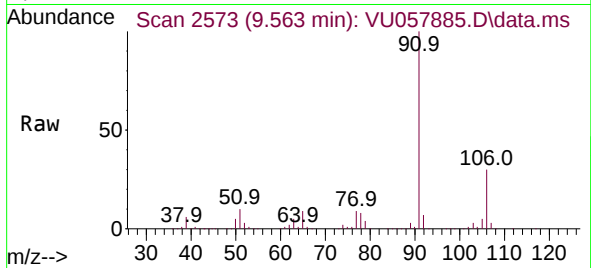




#52
Ethylbenzene
Concen: 100.281 ug/L
RT: 9.563 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

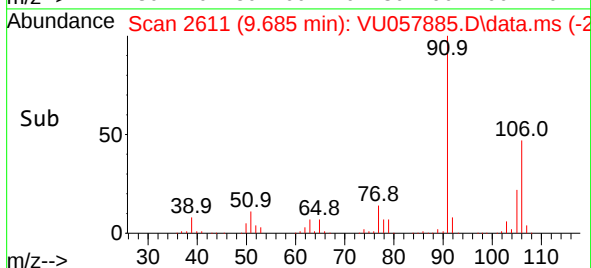
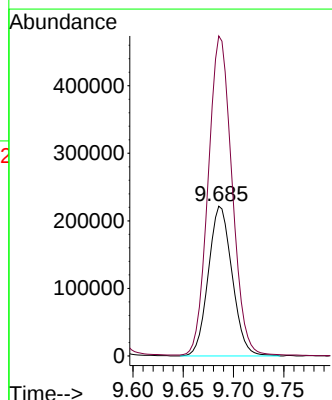
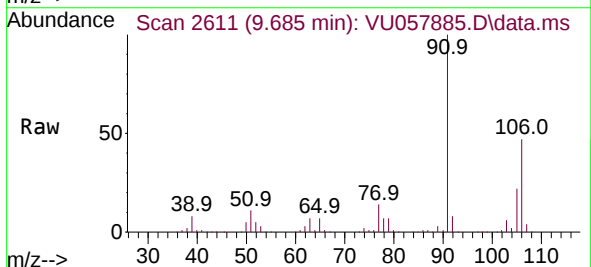
Instrument :
MSVOA_U
ClientSampleId :

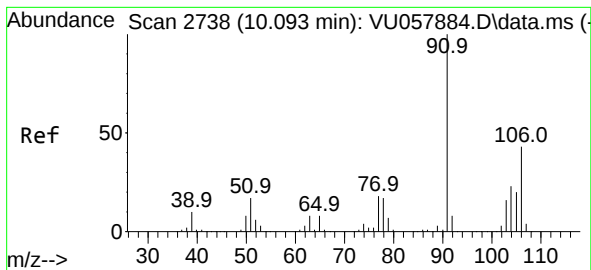
Tgt Ion: 91 Resp: 992922
Ion Ratio Lower Upper
91 100
106 29.8 21.1 39.1



#53
m,p-Xylene
Concen: 100.744 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

Tgt Ion:106 Resp: 364929
Ion Ratio Lower Upper
106 100
91 213.7 150.2 279.0





#54

o-Xylene

Concen: 102.132 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

Instrument :

MSVOA_U

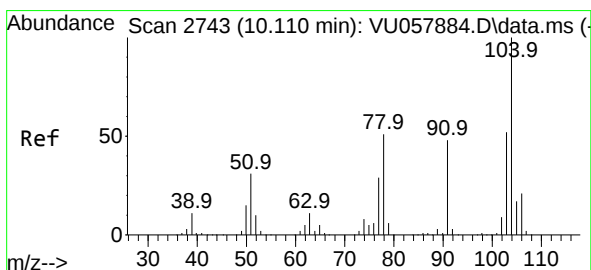
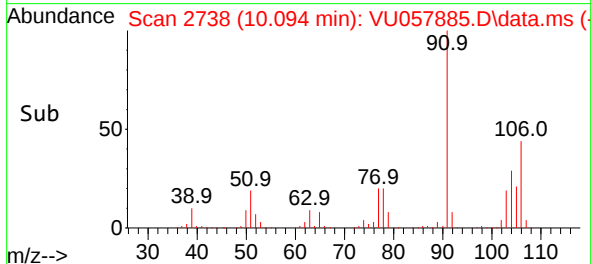
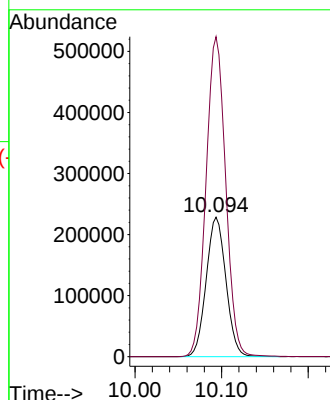
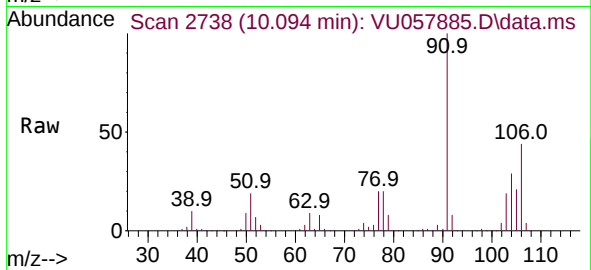
ClientSampleId :

Tgt Ion:106 Resp: 362137

Ion Ratio Lower Upper

106 100

91 229.3 161.3 299.5



#55

Styrene

Concen: 106.364 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.003 min

Lab File: VU057885.D

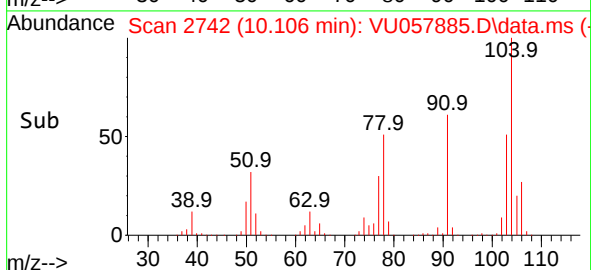
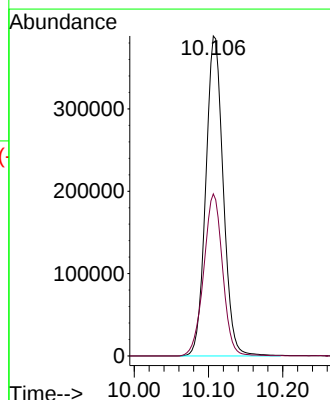
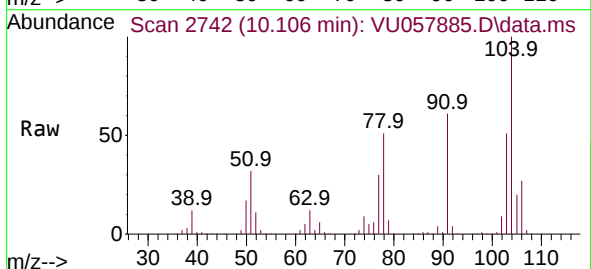
Acq: 19 Feb 2024 16:57

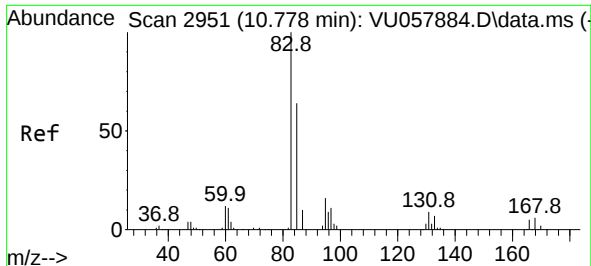
Tgt Ion:104 Resp: 633312

Ion Ratio Lower Upper

104 100

78 50.7 35.6 66.2





#57

1,1,2,2-Tetrachloroethane

Concen: 105.724 ug/L

RT: 10.775 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

Instrument :

MSVOA_U

ClientSampleId :

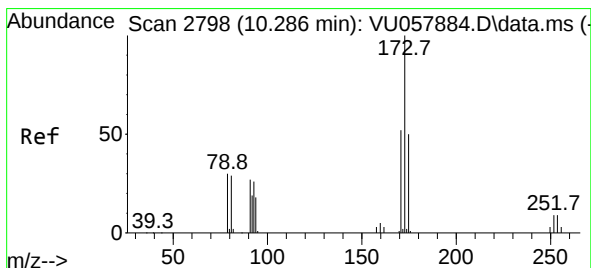
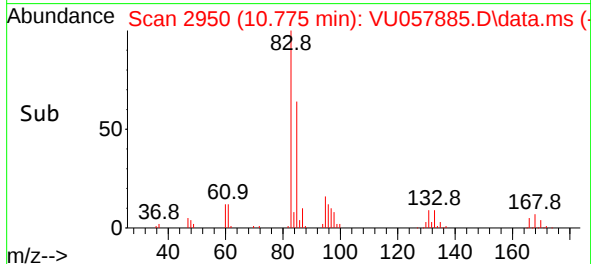
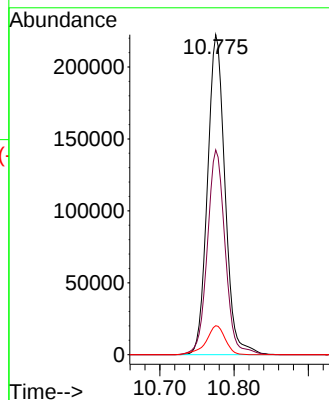
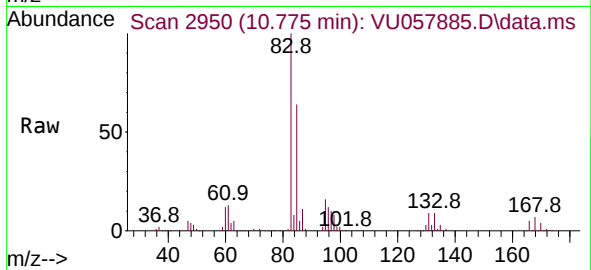
Tgt Ion: 83 Resp: 363891

Ion Ratio Lower Upper

83 100

85 64.0 45.2 84.0

131 9.1 7.8 11.6



#59

Bromoform

Concen: 102.066 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

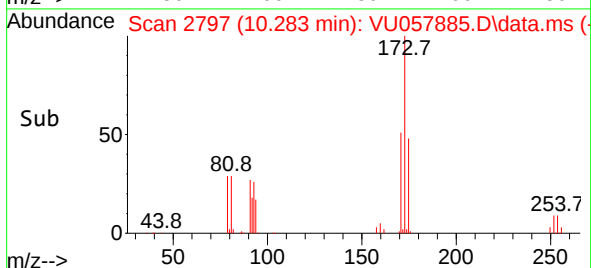
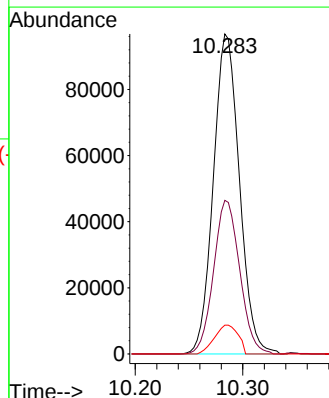
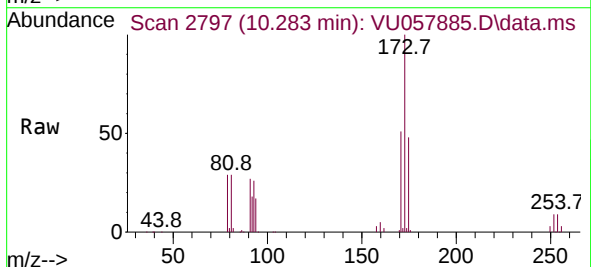
Tgt Ion:173 Resp: 162740

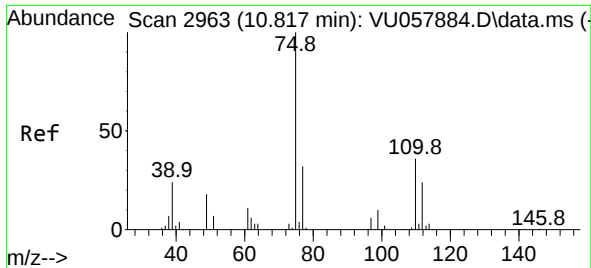
Ion Ratio Lower Upper

173 100

175 48.1 38.8 58.2

254 8.1 1.0 1.6#

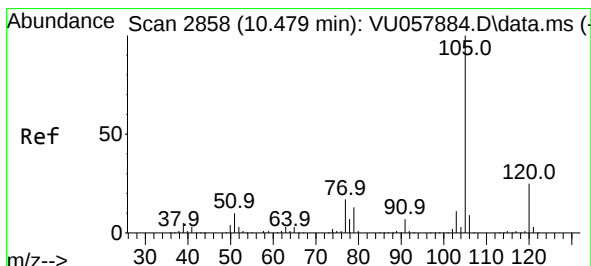
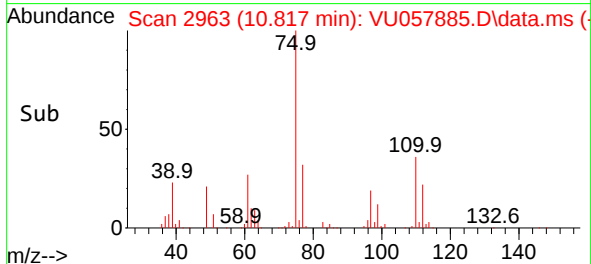
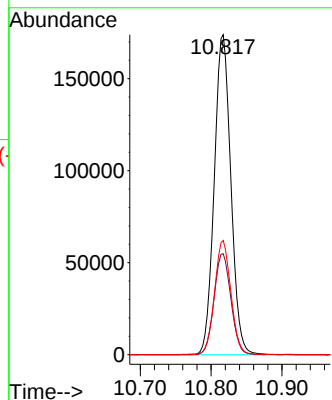
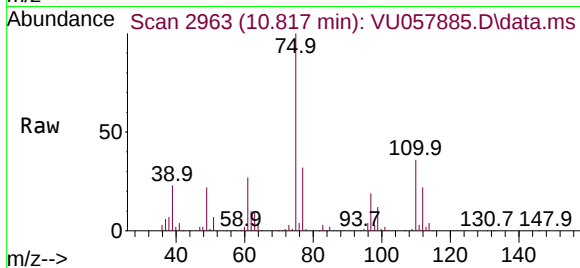




#60
1,2,3-Trichloropropane
Concen: 97.705 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

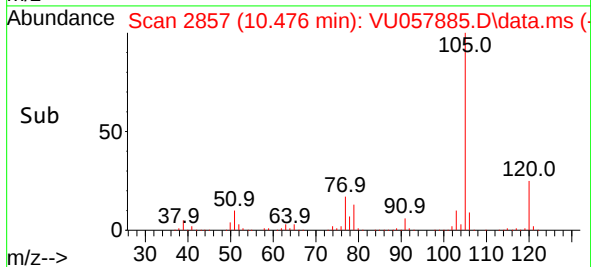
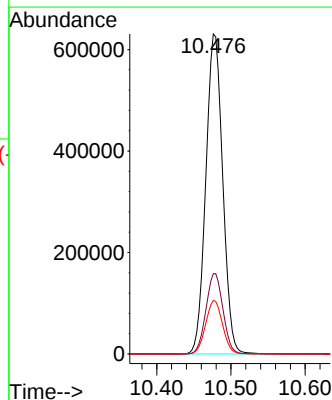
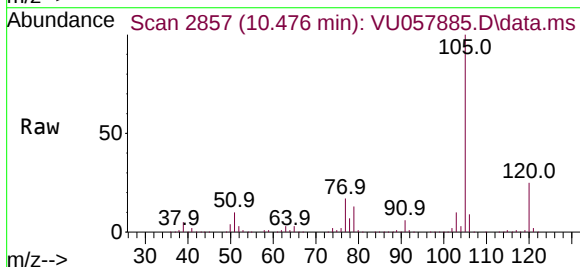
Instrument :
MSVOA_U
ClientSampleId :

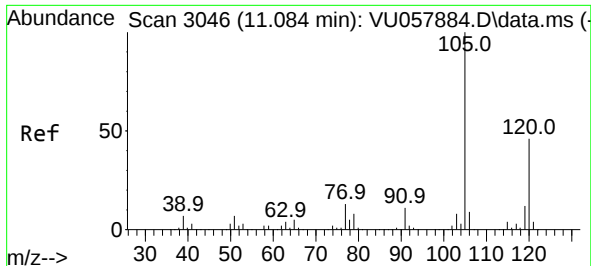
Tgt Ion: 75 Resp: 283356
Ion Ratio Lower Upper
75 100
77 31.9 25.9 38.9
110 35.2 28.3 42.5



#61
Isopropylbenzene
Concen: 99.101 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

Tgt Ion: 105 Resp: 994975
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 16.7 13.5 20.3





#62

1,3,5-Trimethylbenzene

Concen: 102.726 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

Instrument :

MSVOA_U

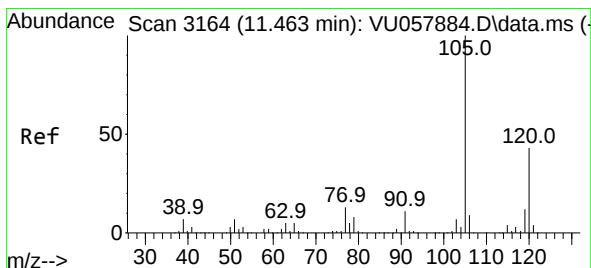
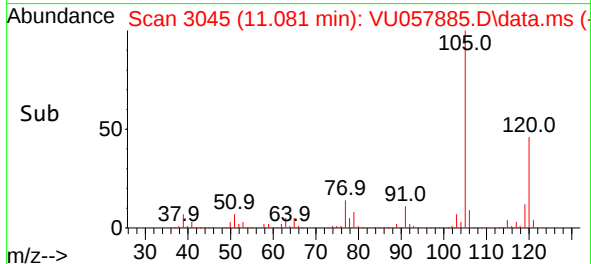
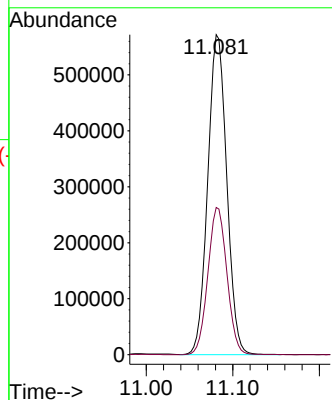
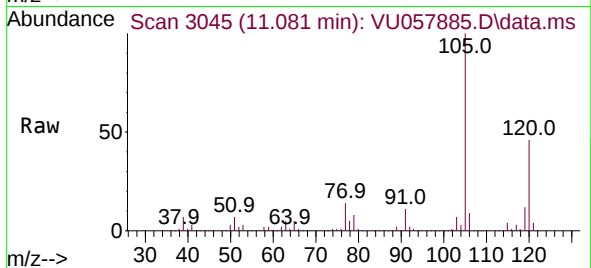
ClientSampleId :

Tgt Ion:105 Resp: 872269

Ion Ratio Lower Upper

105 100

120 46.1 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 103.056 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU057885.D

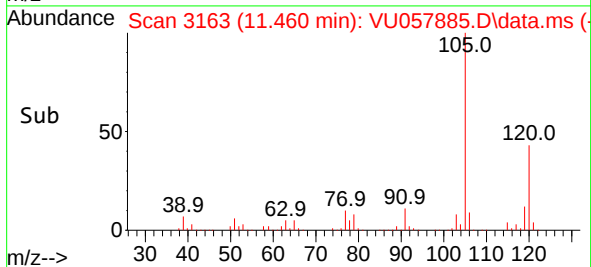
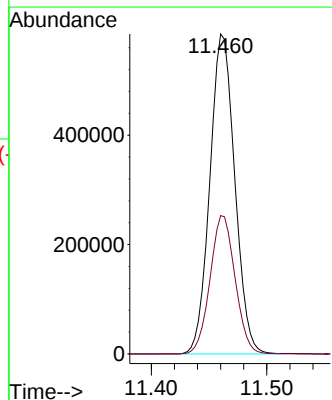
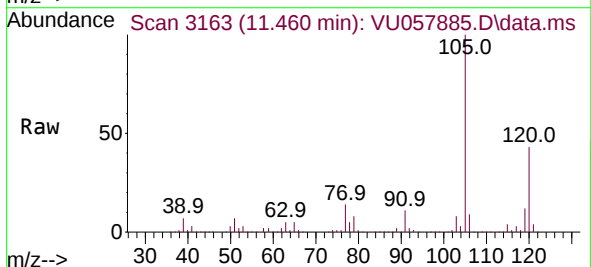
Acq: 19 Feb 2024 16:57

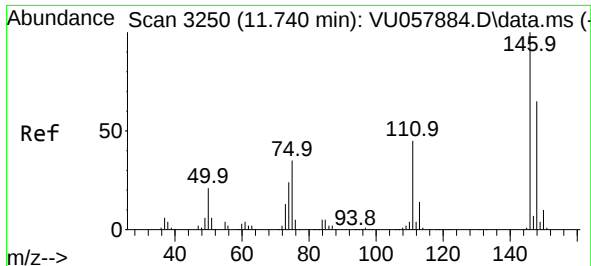
Tgt Ion:105 Resp: 877869

Ion Ratio Lower Upper

105 100

120 43.4 34.8 52.2

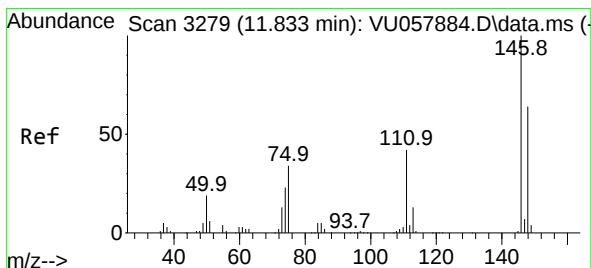
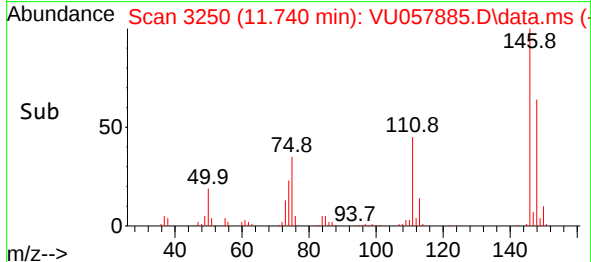
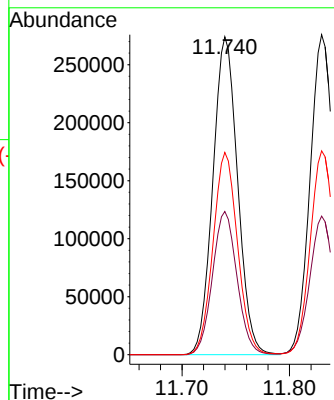
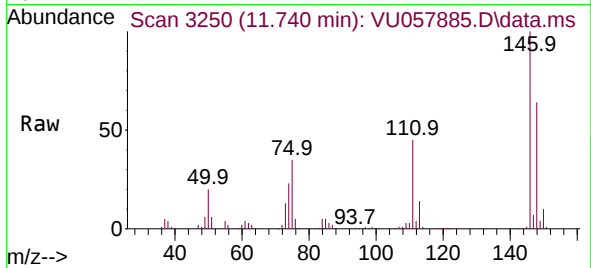




#64
1,3-Dichlorobenzene
Concen: 100.381 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

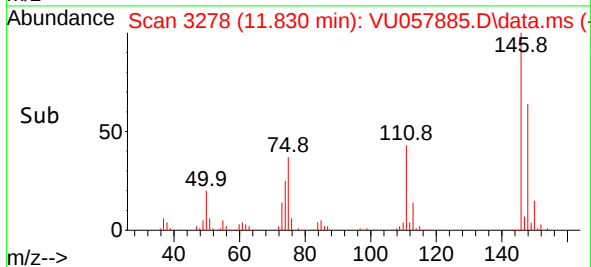
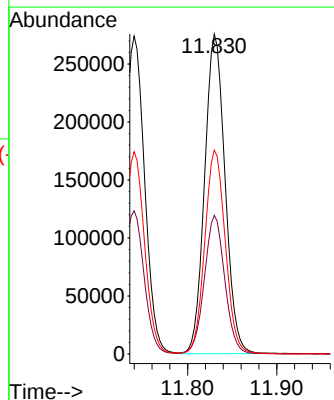
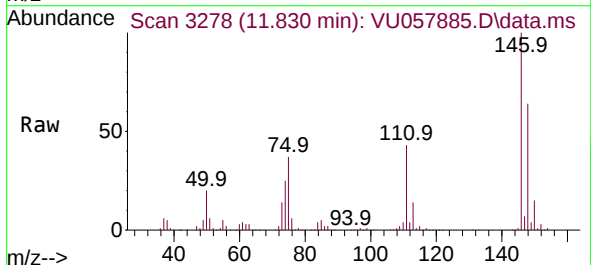
Instrument :
MSVOA_U
ClientSampleId :

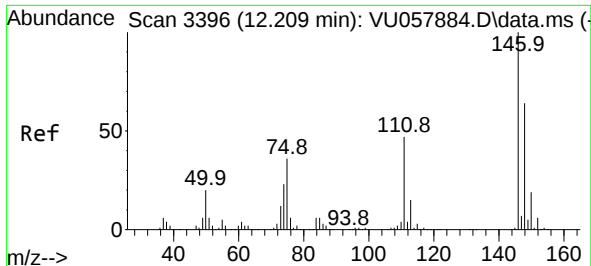
Tgt Ion:146 Resp: 438794
Ion Ratio Lower Upper
146 100
111 45.0 31.6 58.6
148 63.6 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 97.652 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

Tgt Ion:146 Resp: 438563
Ion Ratio Lower Upper
146 100
111 43.3 29.9 55.5
148 63.7 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 97.792 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

Instrument :

MSVOA_U

ClientSampleId :

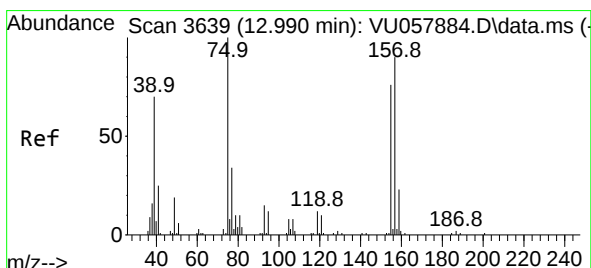
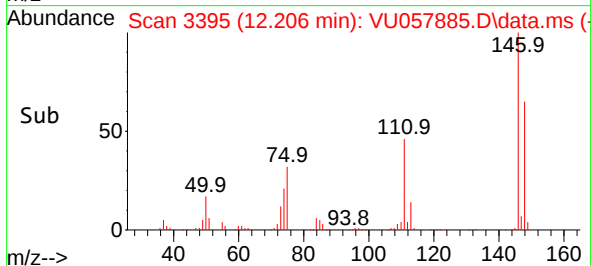
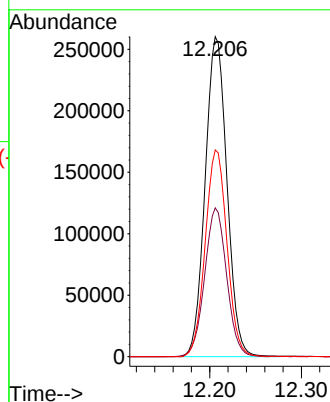
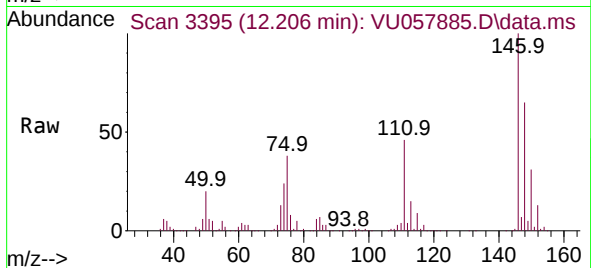
Tgt Ion:146 Resp: 429856

Ion Ratio Lower Upper

146 100

111 46.5 37.3 55.9

148 64.6 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 103.041 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

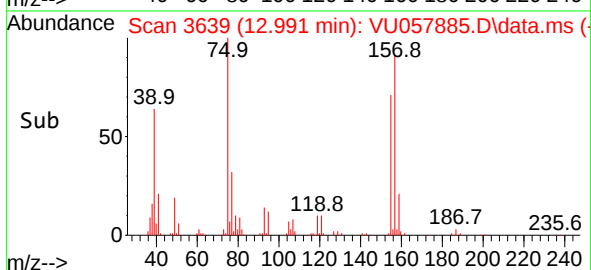
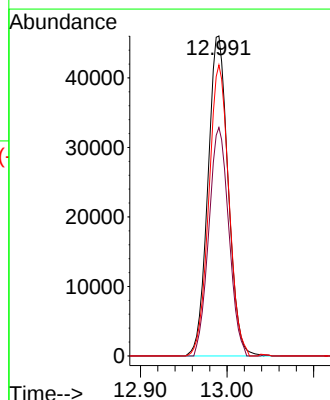
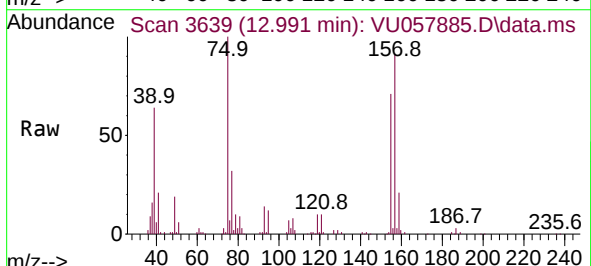
Tgt Ion: 75 Resp: 74761

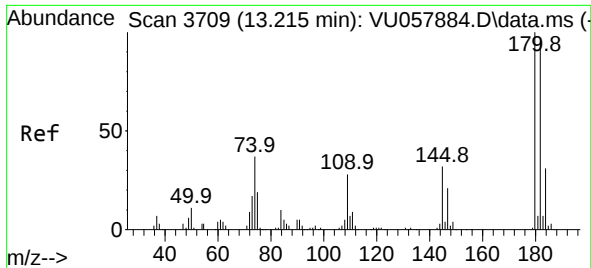
Ion Ratio Lower Upper

75 100

155 74.3 63.2 94.8

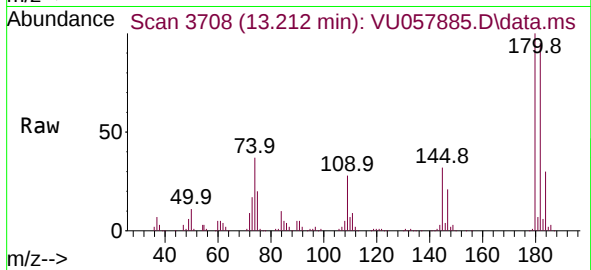
157 94.3 74.6 112.0



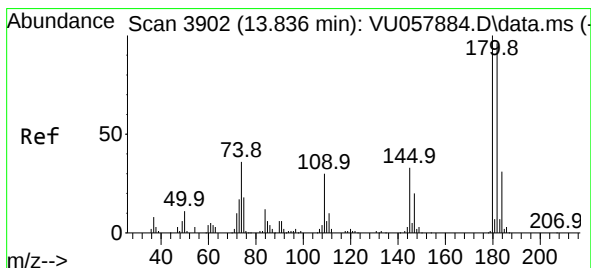
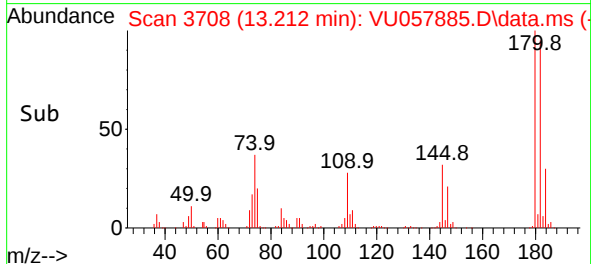
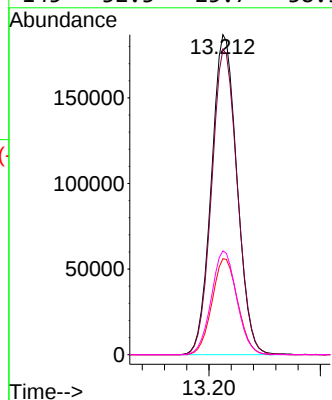


#69
1,3,5-Trichlorobenzene
Concen: 97.933 ug/L
RT: 13.212 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :

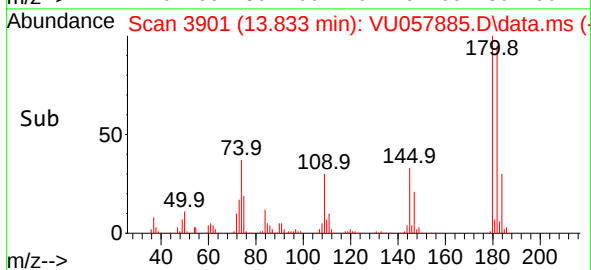
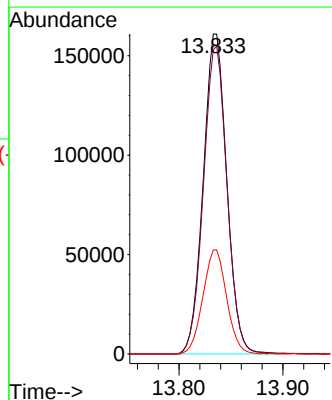
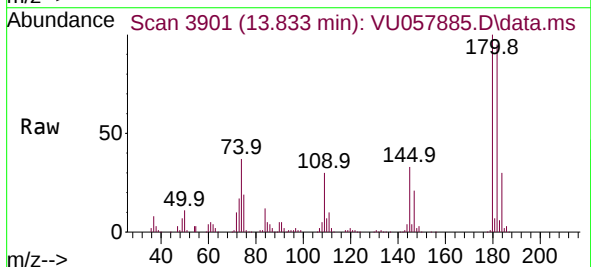


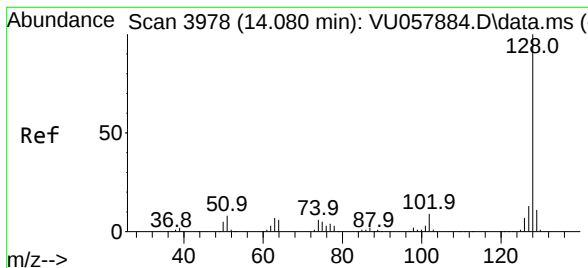
Tgt Ion:180 Resp: 297588
Ion Ratio Lower Upper
180 100
182 95.9 77.6 116.4
184 30.2 24.1 36.1
145 32.3 25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 98.077 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.003 min
Lab File: VU057885.D
Acq: 19 Feb 2024 16:57

Tgt Ion:180 Resp: 253233
Ion Ratio Lower Upper
180 100
182 96.1 75.8 113.6
145 32.7 25.9 38.9





#71

Naphthalene

Concen: 103.006 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

Instrument :

MSVOA_U

ClientSampleId :

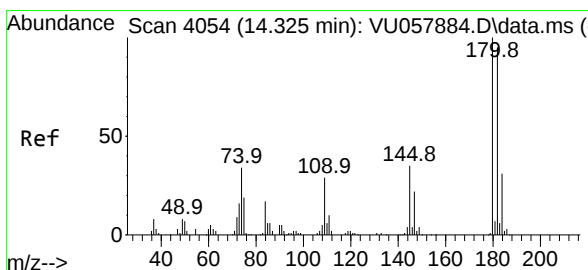
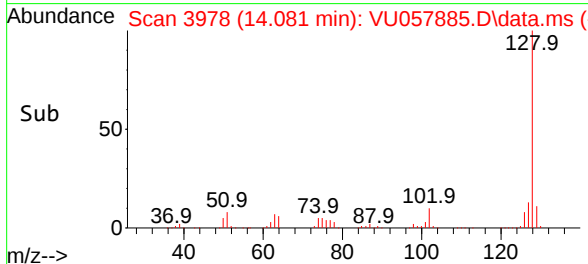
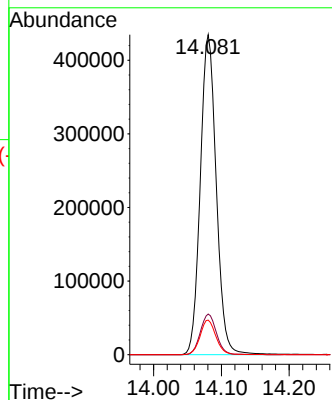
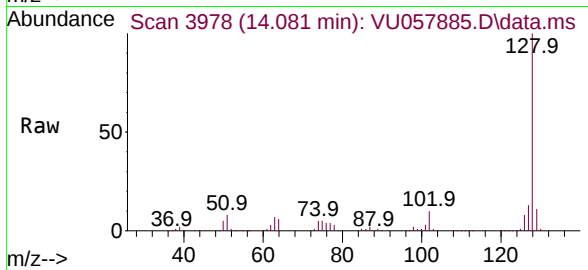
Tgt Ion:128 Resp: 710883

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 97.212 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU057885.D

Acq: 19 Feb 2024 16:57

Tgt Ion:180 Resp: 235022

Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.2

145 34.4 27.8 41.8

