

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046777.D
 Acq On : 18 Jan 2022 12:06
 Operator : SY/MD
 Sample : VSTD01048
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 19 06:01:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 19 05:54:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	131413	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	136814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79709	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	110385	10.548	ug/L	0.00
7) Chloroethane-d5	1.919	69	88176	10.605	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	44326	10.045	ug/L	0.00
20) 2-Butanone-d5	4.655	46	343636	109.453	ug/L	0.00
24) Chloroform-d	5.067	84	190257	10.013	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	104951	9.698	ug/L	0.00
32) Benzene-d6	5.729	84	394991	10.358	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	119096	10.385	ug/L	0.00
41) Toluene-d8	7.899	98	364470	10.488	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	52727	10.018	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	331669	105.868	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	120935	10.161	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	143888	9.840	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	129751	6.980	ug/L	99
3) Chloromethane	1.523	50	105251	6.628	ug/L	98
5) Vinyl chloride	1.607	62	110970	7.045	ug/L	100
6) Bromomethane	1.864	94	69867	7.284	ug/L	100
8) Chloroethane	1.938	64	65505	7.109	ug/L	100
9) Trichlorofluoromethane	2.144	101	137096	6.687	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	81183	7.626	ug/L	94
12) 1,1-Dichloroethene	2.584	96	78620	7.291	ug/L	86
13) Acetone	2.690	43	170707	64.576	ug/L	66
14) Carbon disulfide	2.800	76	251164	7.154	ug/L	100
15) Methyl Acetate	2.967	43	39442	7.608	ug/L	91
16) Methylene chloride	3.051	84	87783	6.706	ug/L	91
17) Methyl tert-butyl Ether	3.366	73	221644	7.183	ug/L	97
18) trans-1,2-Dichloroethene	3.356	96	83293	7.294	ug/L	92
19) 1,1-Dichloroethane	3.874	63	141866	6.816	ug/L	99
21) 2-Butanone	4.735	43	282797	71.417	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	89576	7.169	ug/L	95
23) Bromochloromethane	4.980	128	44295	7.156	ug/L	86
25) Chloroform	5.092	83	160084	6.857	ug/L	96
27) 1,2-Dichloroethane	5.796	62	101254	6.382	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	130702	6.419	ug/L	97
30) Cyclohexane	5.391	56	135311	7.819	ug/L	96
31) Carbon tetrachloride	5.526	117	111727	6.519	ug/L	98
33) Benzene	5.777	78	337172	6.830	ug/L	100
34) Trichloroethene	6.542	95	87345	6.689	ug/L	94
35) Methylcyclohexane	6.764	83	151194	8.045	ug/L	94
37) 1,2-Dichloropropane	6.793	63	84324	6.774	ug/L #	97
38) Bromodichloromethane	7.108	83	108457	6.256	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	134370	7.051	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	627472	66.857	ug/L #	94
42) Toluene	7.970	91	365697	7.173	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	118260	6.723	ug/L	100

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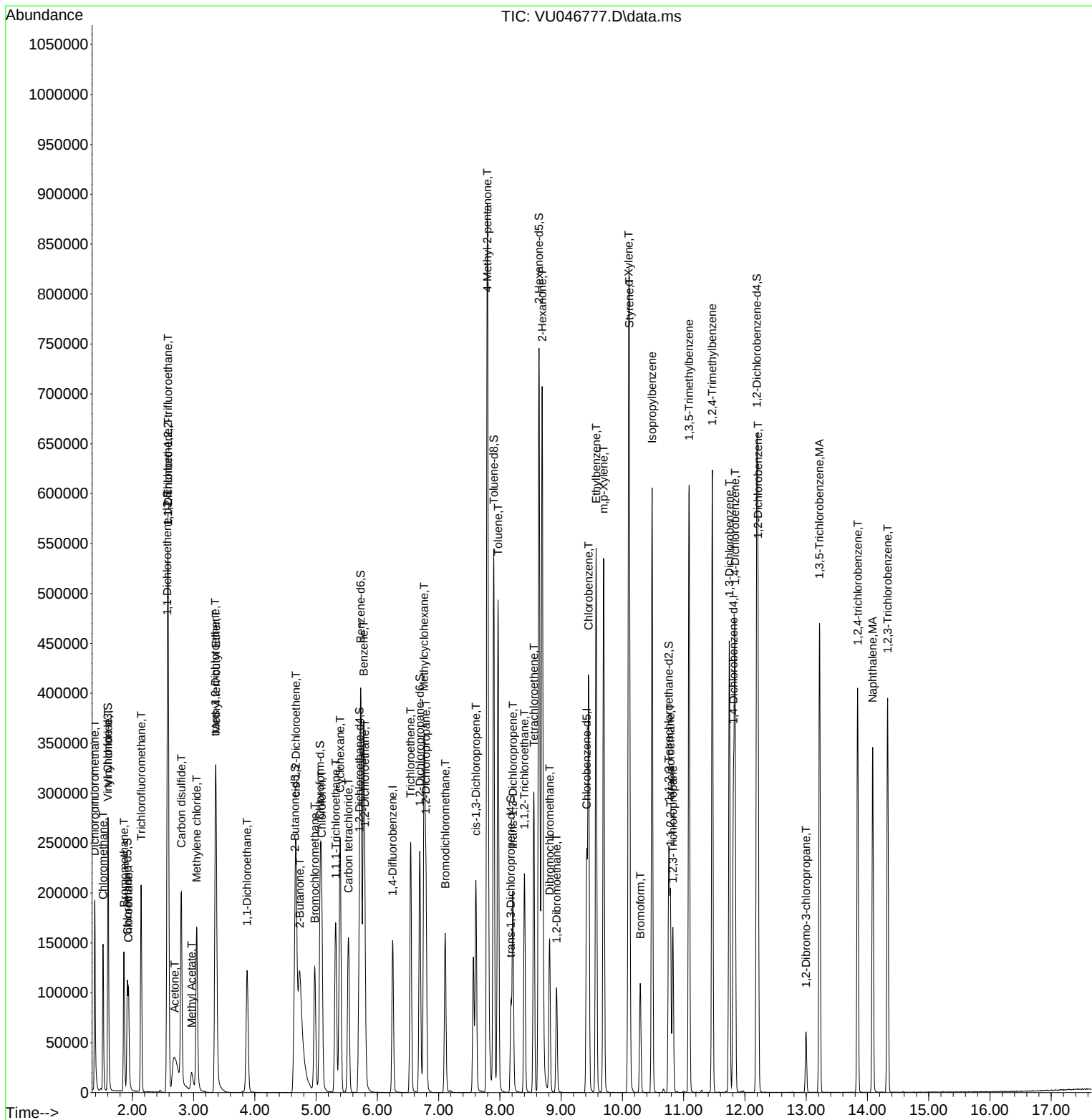
Quant Time: Jan 19 06:01:18 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 19 05:54:53 2022
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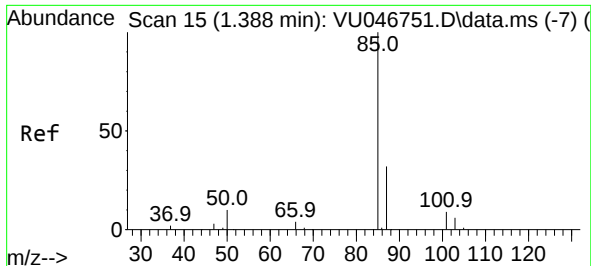
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.401	97	71867	6.646	ug/L	95
47) Tetrachloroethene	8.555	164	70322	7.408	ug/L	93
48) 2-Hexanone	8.690	43	471254	66.794	ug/L #	95
49) Dibromochloromethane	8.812	129	81992	6.559	ug/L	100
50) 1,2-Dibromoethane	8.925	107	72554	6.892	ug/L	98
51) Chlorobenzene	9.446	112	233044	7.070	ug/L	97
52) Ethylbenzene	9.571	91	391882	7.351	ug/L	98
53) m,p-Xylene	9.693	106	158471	7.720	ug/L	97
54) o-Xylene	10.102	106	152486	7.787	ug/L	97
55) Styrene	10.115	104	260285	7.711	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.783	83	95175	6.654	ug/L	96
59) Bromoform	10.291	173	52667	6.414	ug/L	98
60) Isopropylbenzene	10.484	105	405136	7.276	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	69886	5.917	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	340163	7.379	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	348370	7.492	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	192464	7.043	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	193017	6.892	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	184843	6.760	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	15223	5.628	ug/L	83
69) 1,3,5-Trichlorobenzene	13.217	180	153304	7.363	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	130231	7.350	ug/L	99
71) Naphthalene	14.085	128	278346	7.270	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	123894	7.158	ug/L	98

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

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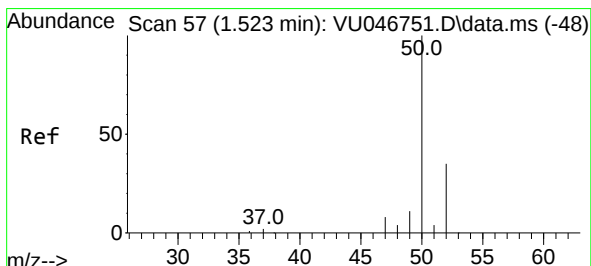
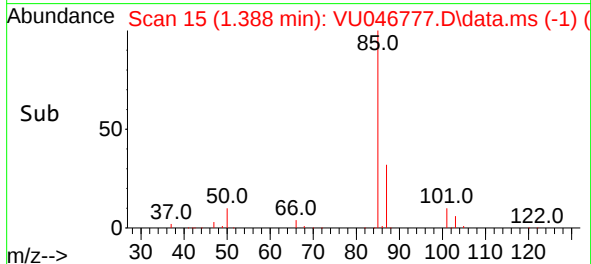
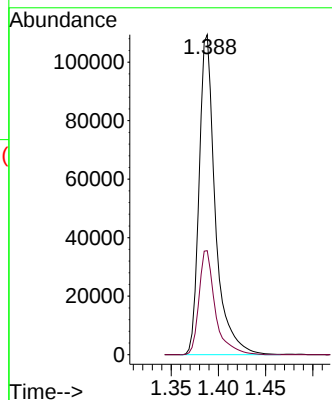
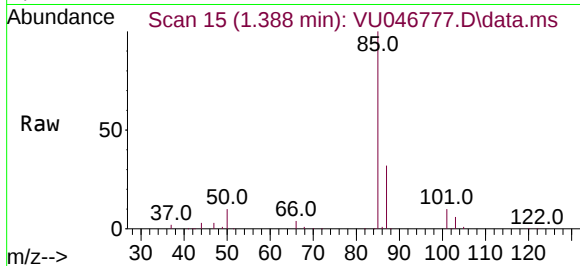




#2
 Dichlorodifluoromethane
 Concen: 6.980 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. -0.000 min
 Lab File: VU046777.D
 Acq: 18 Jan 2022 12:06

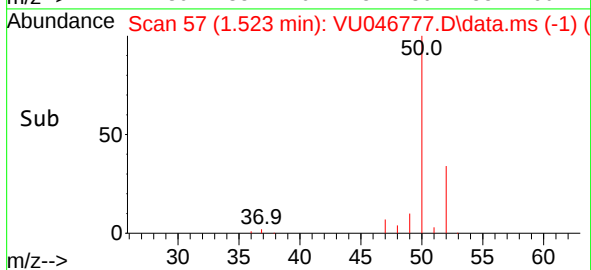
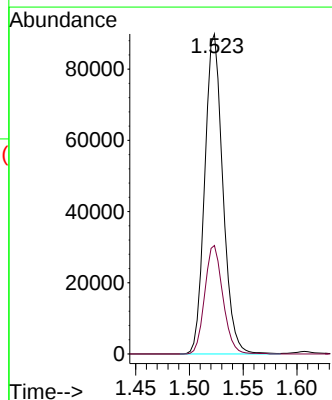
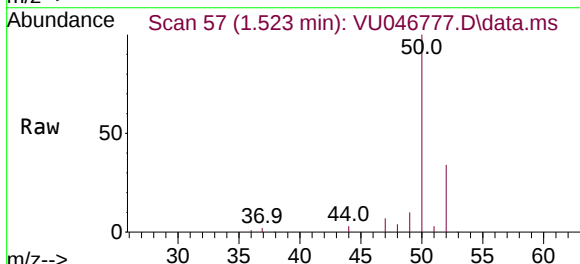
Instrument :
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 ClientSampleId :

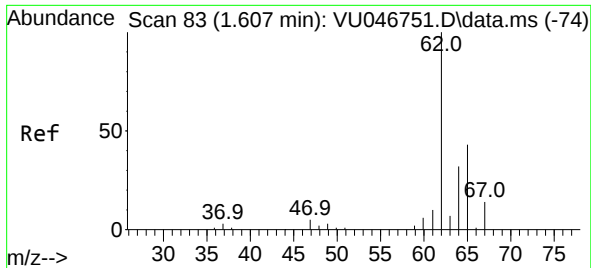
Tgt Ion: 85 Resp: 129751
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.6



#3
 Chloromethane
 Concen: 6.628 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU046777.D
 Acq: 18 Jan 2022 12:06

Tgt Ion: 50 Resp: 105251
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.0 42.8

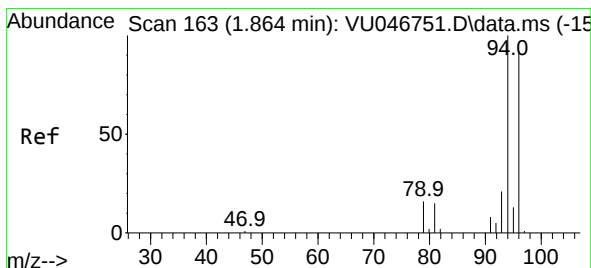
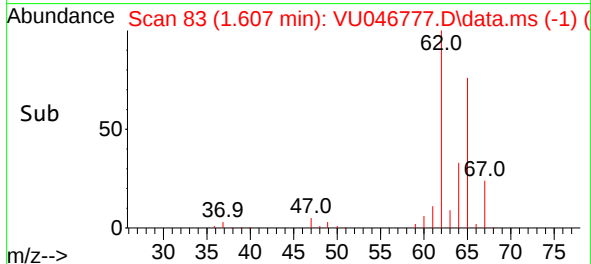
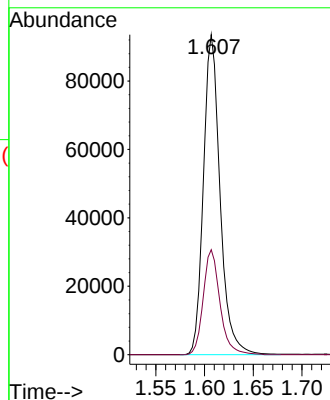
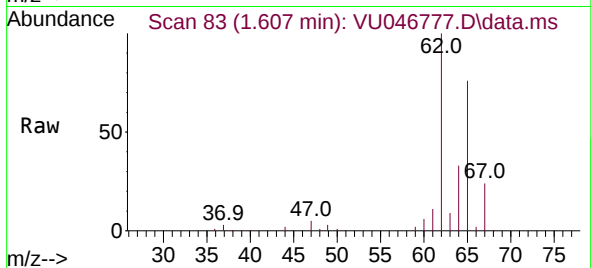




#5
 Vinyl chloride
 Concen: 7.045 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046777.D
 Acq: 18 Jan 2022 12:06

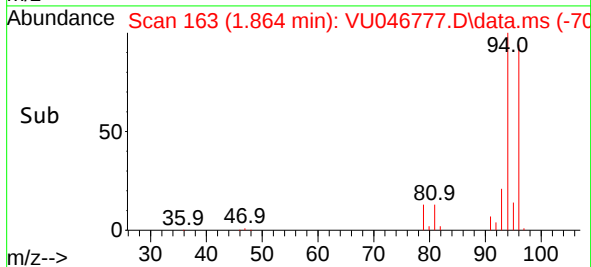
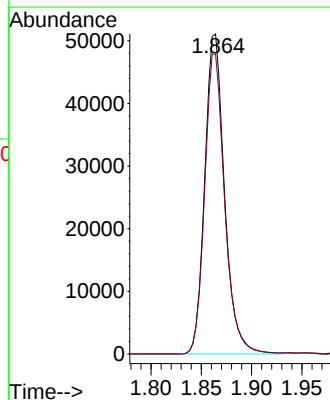
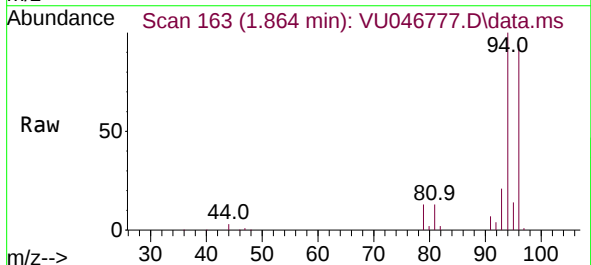
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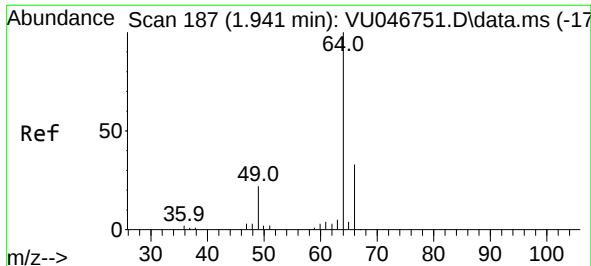
Tgt Ion: 62 Resp: 110970
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#6
 Bromomethane
 Concen: 7.284 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU046777.D
 Acq: 18 Jan 2022 12:06

Tgt Ion: 94 Resp: 69867
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.5 121.6

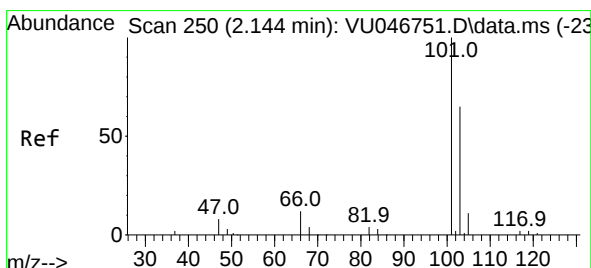
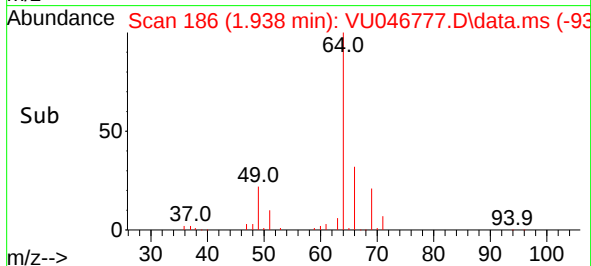
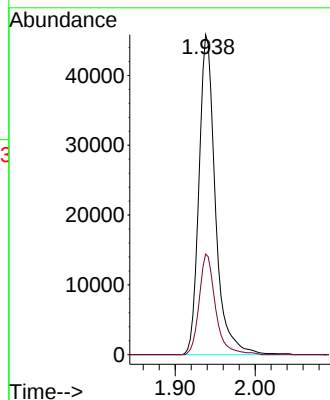
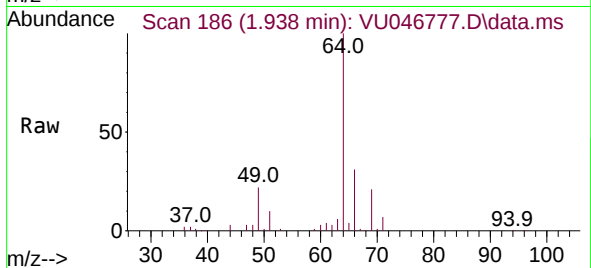




#8
Chloroethane
Concen: 7.109 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

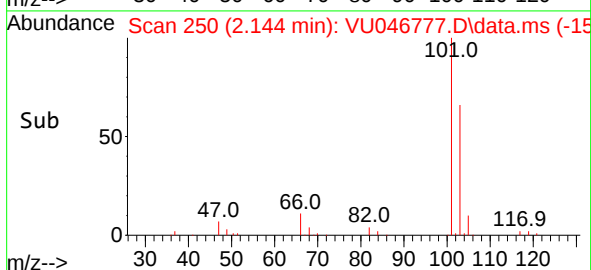
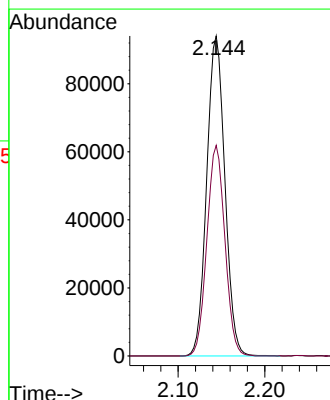
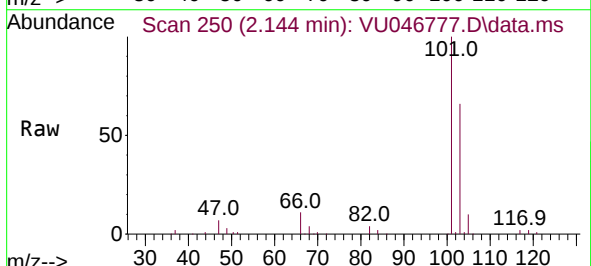
Instrument :
MSVOA_U
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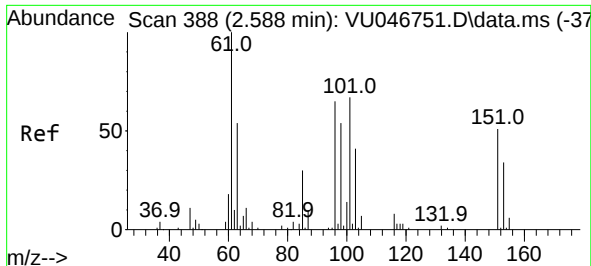
Tgt Ion: 64 Resp: 65505
Ion Ratio Lower Upper
64 100
66 31.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.687 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

Tgt Ion:101 Resp: 137096
Ion Ratio Lower Upper
101 100
103 65.2 51.5 77.3

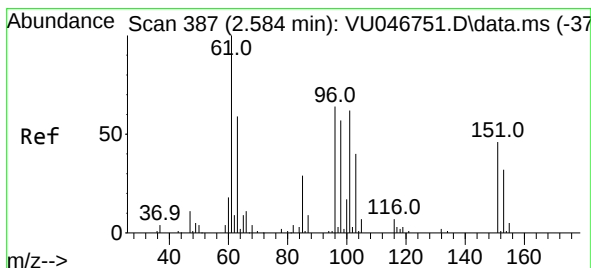
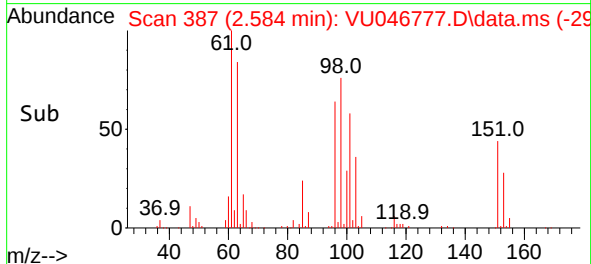
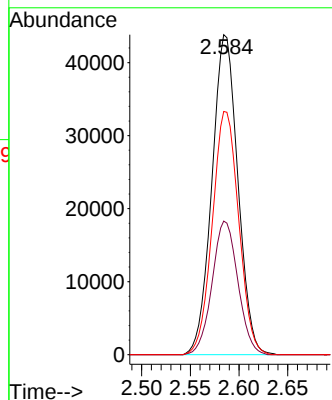
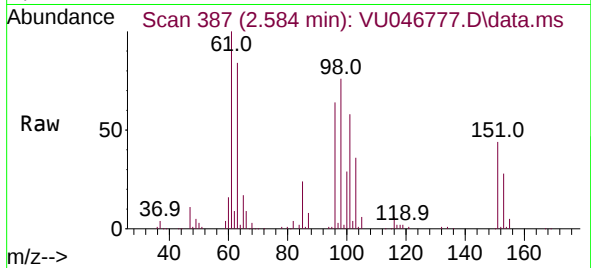




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 7.626 ug/L
RT: 2.584 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

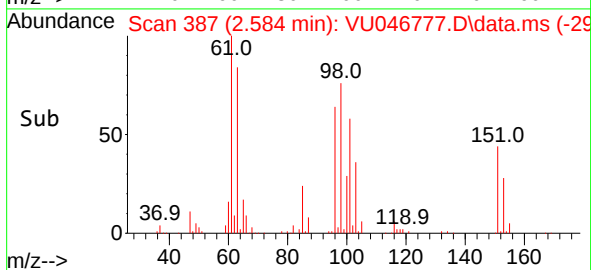
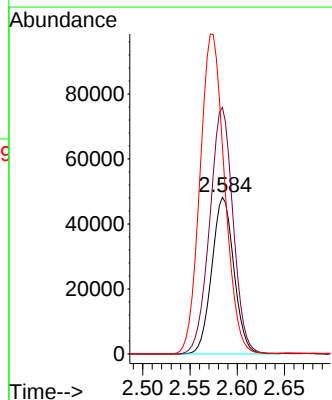
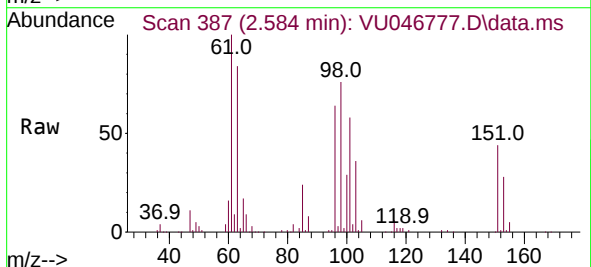
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ClientSampleId :

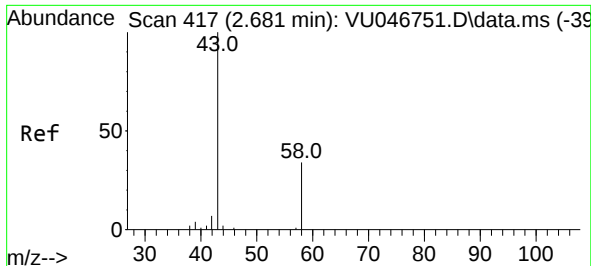
Tgt Ion:101 Resp: 81183
Ion Ratio Lower Upper
101 100
85 41.4 34.6 51.8
151 77.2 56.1 84.1



#12
1,1-Dichloroethene
Concen: 7.291 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

Tgt Ion: 96 Resp: 78620
Ion Ratio Lower Upper
96 100
61 157.4 124.7 231.5
63 132.3 105.2 195.4





#13

Acetone

Concen: 64.576 ug/L

RT: 2.690 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

Instrument :

MSVOA_U

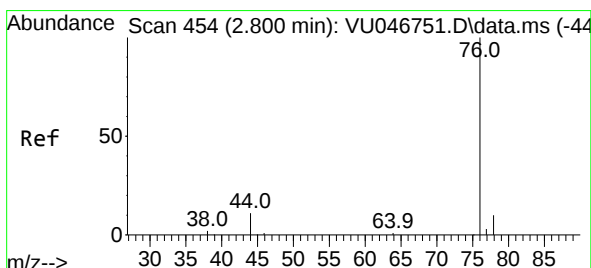
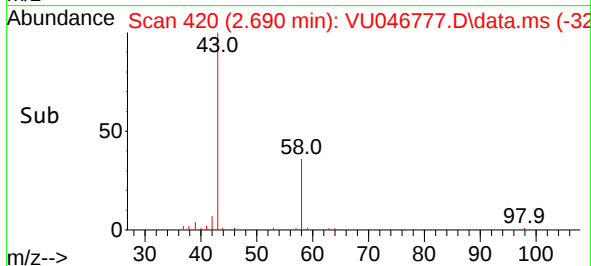
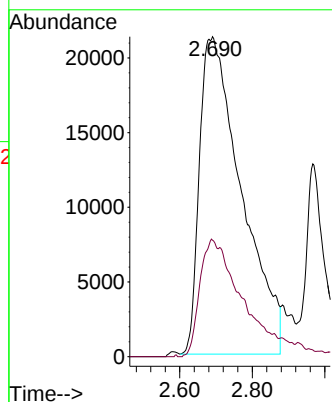
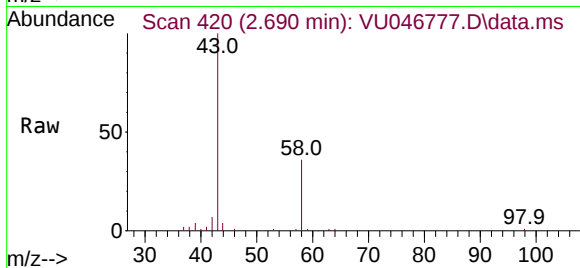
ClientSampleId :

Tgt Ion: 43 Resp: 170707

Ion Ratio Lower Upper

43 100

58 15.6 0.0 71.6



#14

Carbon disulfide

Concen: 7.154 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046777.D

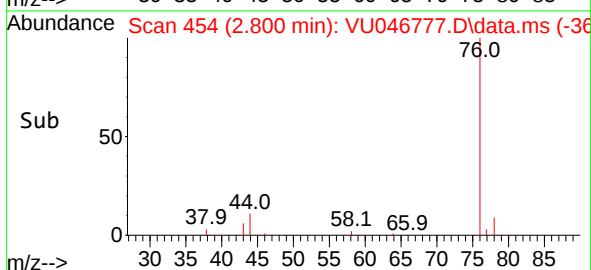
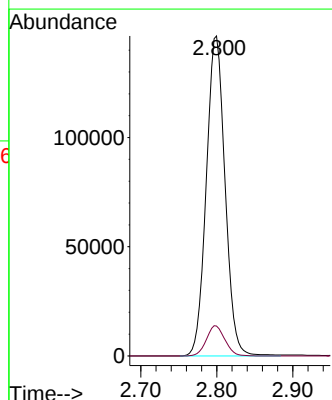
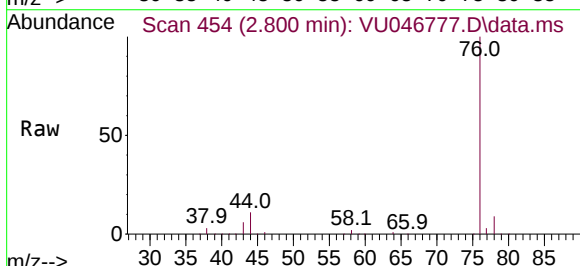
Acq: 18 Jan 2022 12:06

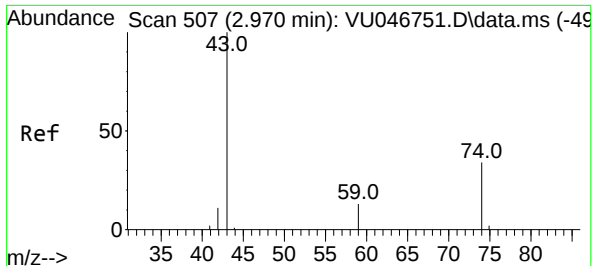
Tgt Ion: 76 Resp: 251164

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

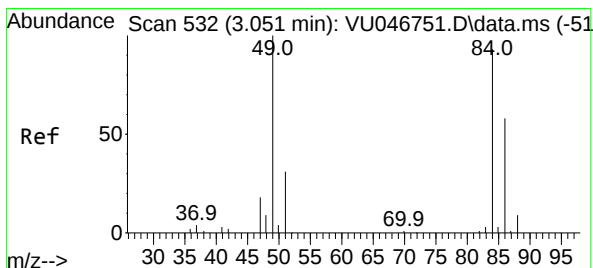
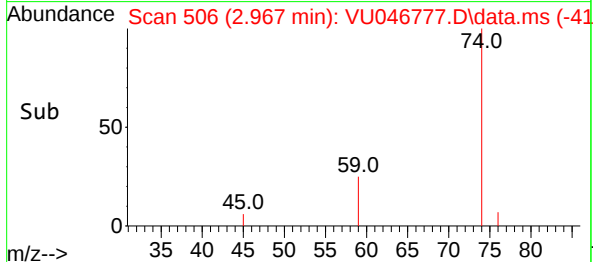
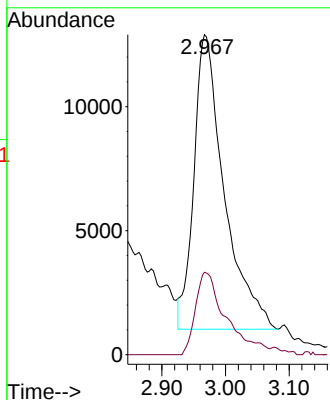
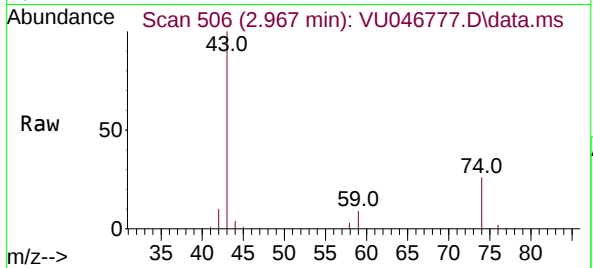




#15
Methyl Acetate
Concen: 7.608 ug/L
RT: 2.967 min Scan# 507
Delta R.T. -0.003 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

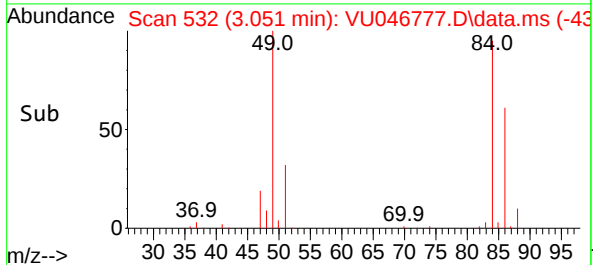
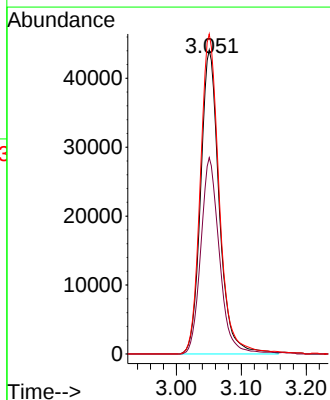
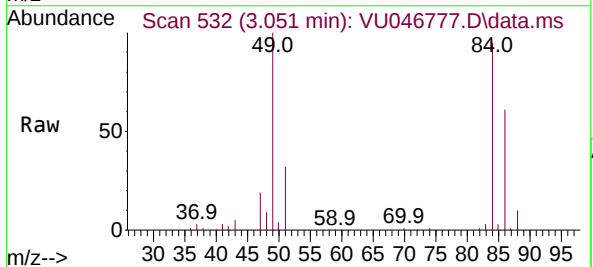
Instrument :
MSVOA_U
ClientSampleId :

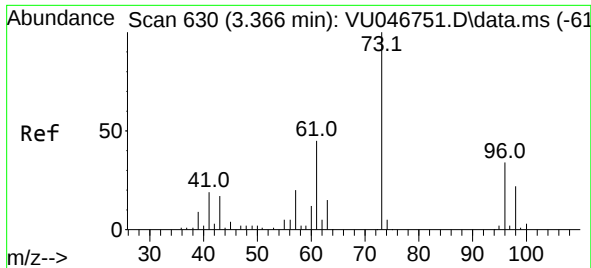
Tgt Ion: 43 Resp: 39442
Ion Ratio Lower Upper
43 100
74 28.2 19.1 28.7



#16
Methylene chloride
Concen: 6.706 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

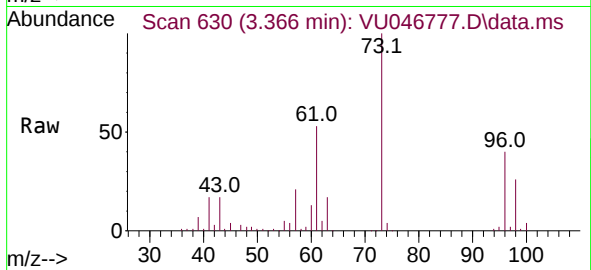
Tgt Ion: 84 Resp: 87783
Ion Ratio Lower Upper
84 100
86 64.6 45.8 85.0
49 105.2 84.5 156.9



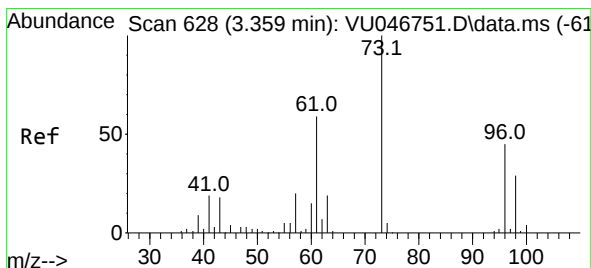
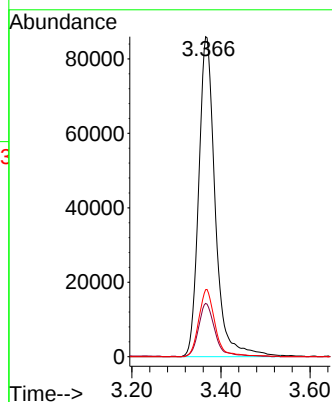
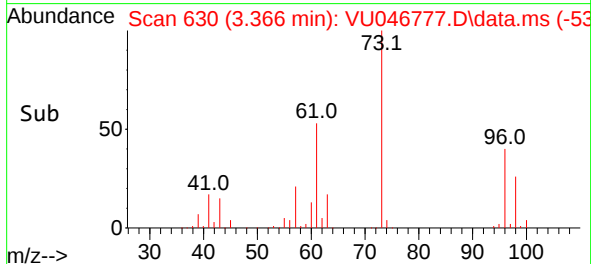


#17
Methyl tert-butyl Ether
Concen: 7.183 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

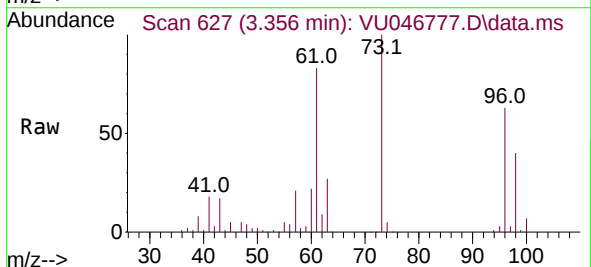
Instrument :
MSVOA_U
ClientSampleId :



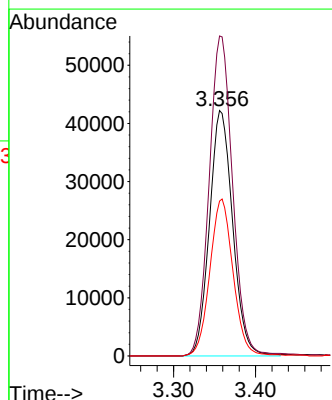
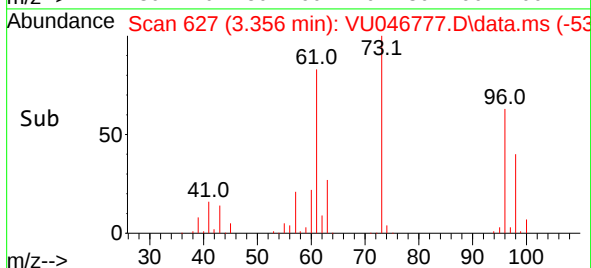
Tgt Ion: 73 Resp: 221644
Ion Ratio Lower Upper
73 100
43 16.3 14.8 22.2
57 20.8 17.4 26.0

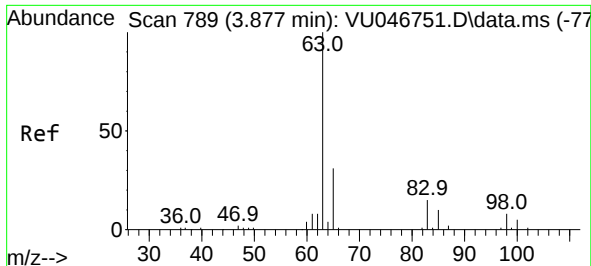


#18
trans-1,2-Dichloroethene
Concen: 7.294 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06



Tgt Ion: 96 Resp: 83293
Ion Ratio Lower Upper
96 100
61 130.4 100.8 187.2
98 63.1 45.1 83.7





#19

1,1-Dichloroethane

Concen: 6.816 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

Instrument :

MSVOA_U

ClientSampleId :

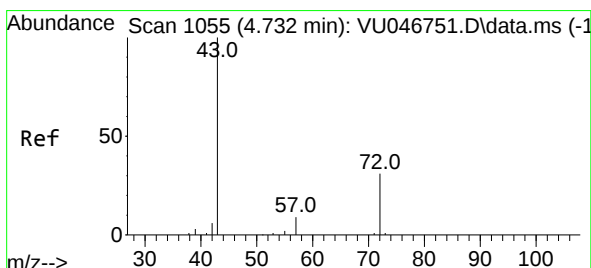
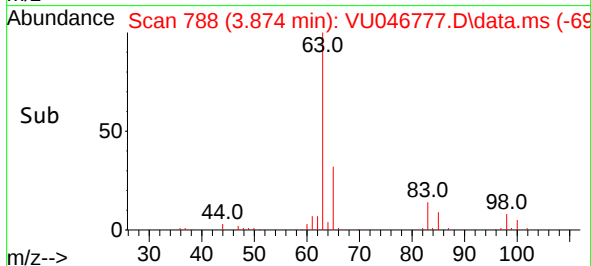
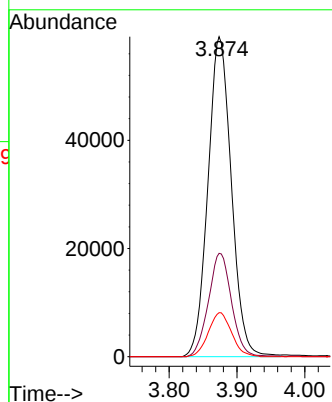
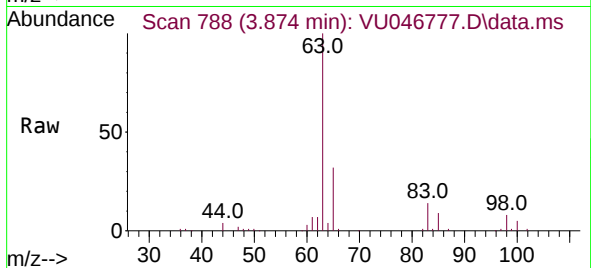
Tgt Ion: 63 Resp: 141866

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.5

83 13.8 9.6 17.8



#21

2-Butanone

Concen: 71.417 ug/L

RT: 4.735 min Scan# 1056

Delta R.T. 0.003 min

Lab File: VU046777.D

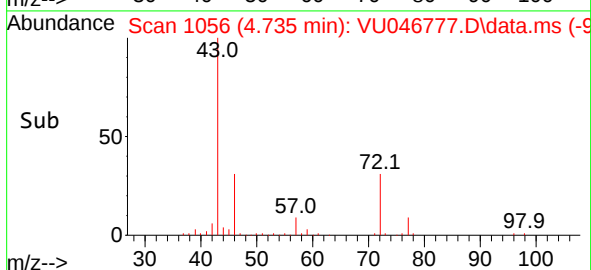
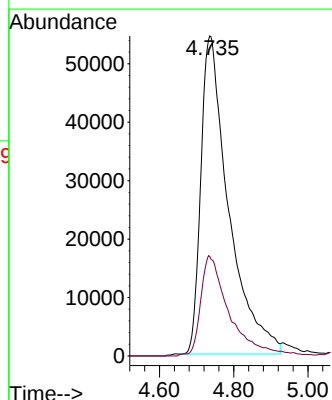
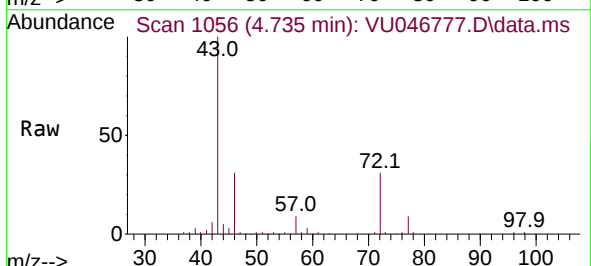
Acq: 18 Jan 2022 12:06

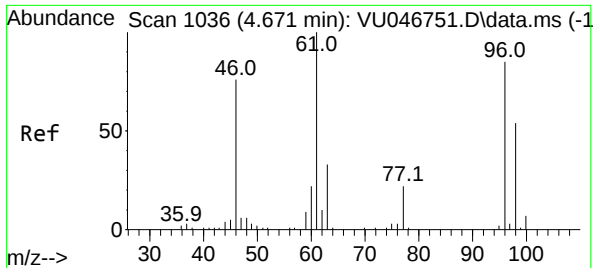
Tgt Ion: 43 Resp: 282797

Ion Ratio Lower Upper

43 100

72 32.0 14.1 42.3

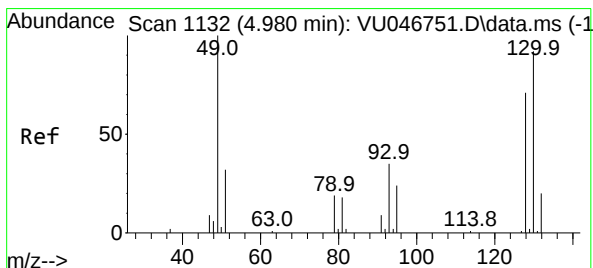
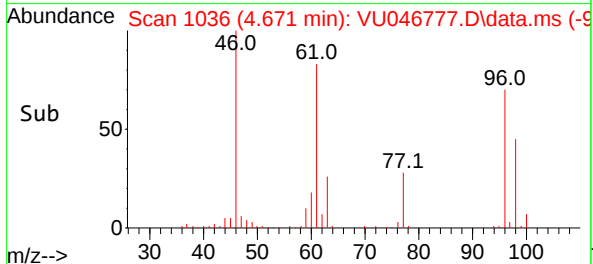
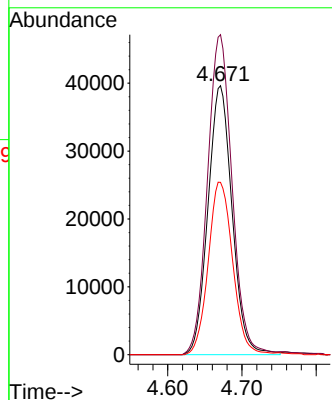
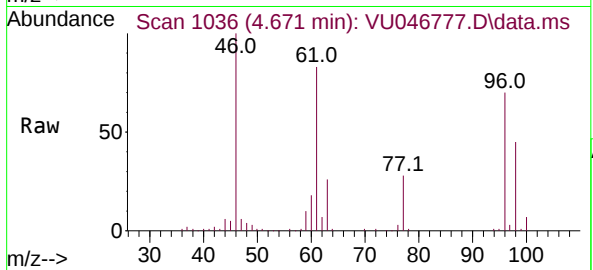




#22
 cis-1,2-Dichloroethene
 Concen: 7.169 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU046777.D
 Acq: 18 Jan 2022 12:06

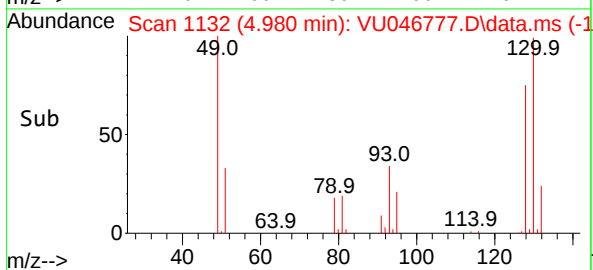
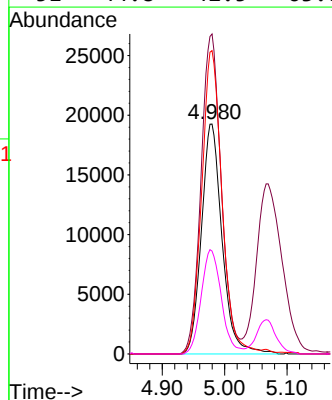
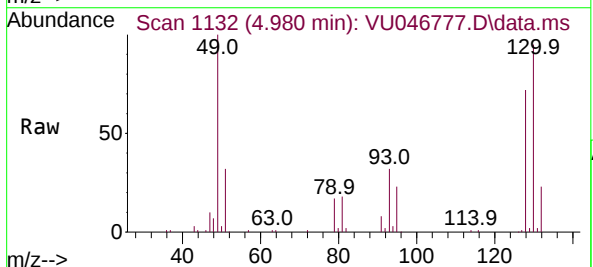
Instrument :
 MSVOA_U
 ClientSampleId :

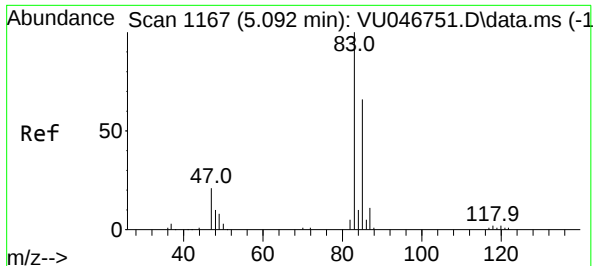
Tgt Ion: 96 Resp: 89576
 Ion Ratio Lower Upper
 96 100
 61 119.0 88.5 164.3
 98 64.0 44.4 82.5



#23
 Bromochloromethane
 Concen: 7.156 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU046777.D
 Acq: 18 Jan 2022 12:06

Tgt Ion: 128 Resp: 44295
 Ion Ratio Lower Upper
 128 100
 49 139.2 117.0 217.2
 130 132.0 88.2 163.8
 51 44.8 42.5 63.7





#25

Chloroform

Concen: 6.857 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

Instrument :

MSVOA_U

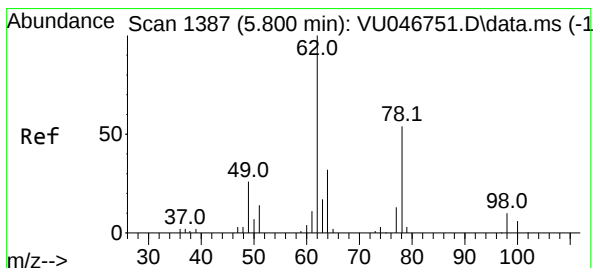
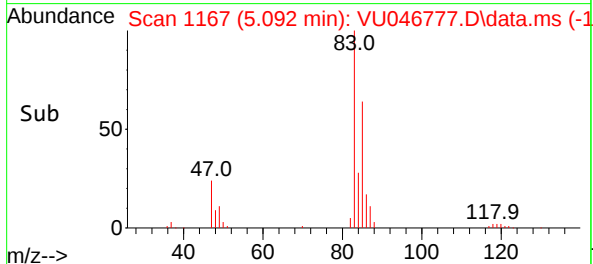
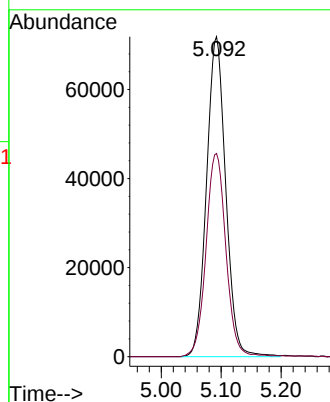
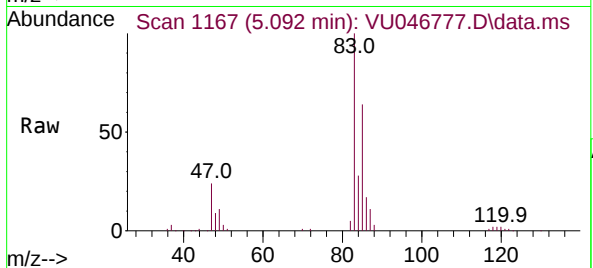
ClientSampleId :

Tgt Ion: 83 Resp: 160084

Ion Ratio Lower Upper

83 100

85 63.5 46.9 87.1



#27

1,2-Dichloroethane

Concen: 6.382 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046777.D

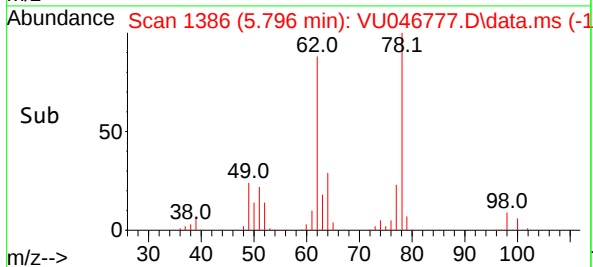
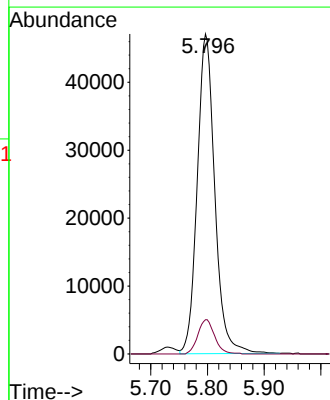
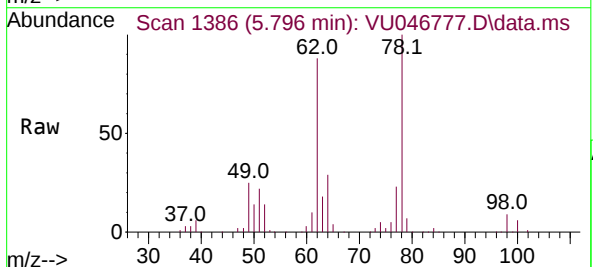
Acq: 18 Jan 2022 12:06

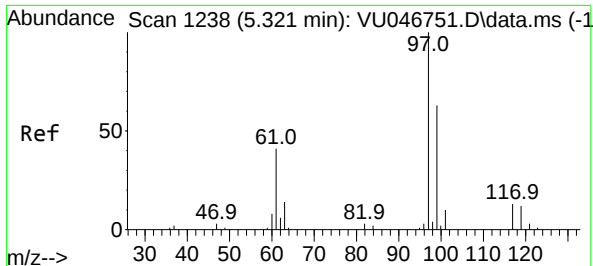
Tgt Ion: 62 Resp: 101254

Ion Ratio Lower Upper

62 100

98 10.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 6.419 ug/L

RT: 5.321 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

Instrument :

MSVOA_U

ClientSampleId :

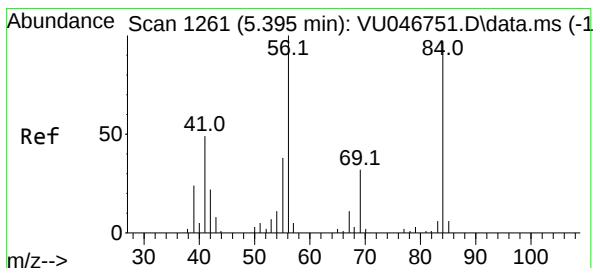
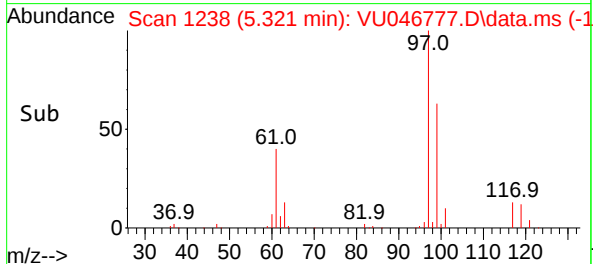
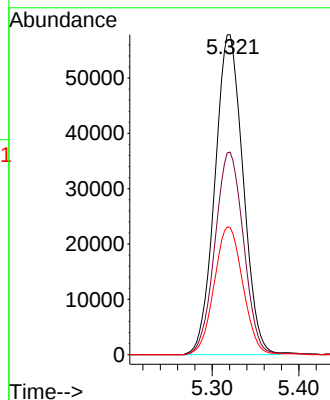
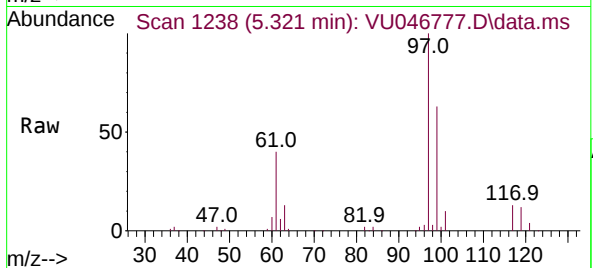
Tgt Ion: 97 Resp: 130702

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 40.6 36.1 54.1



#30

Cyclohexane

Concen: 7.819 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

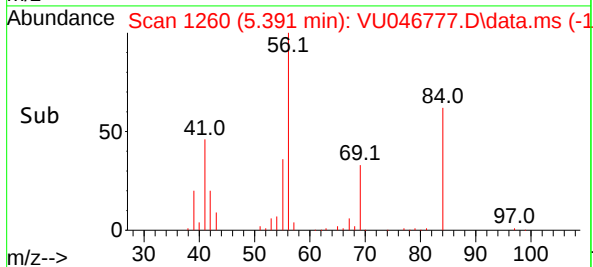
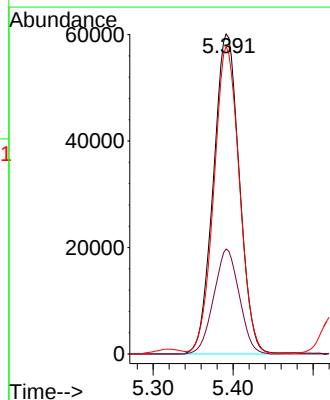
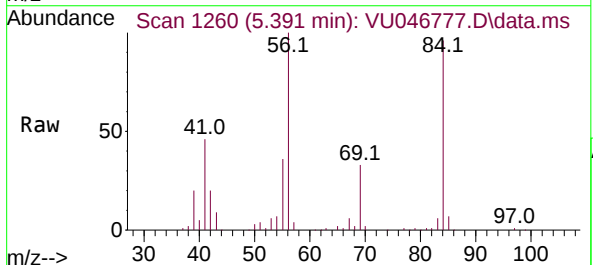
Tgt Ion: 56 Resp: 135311

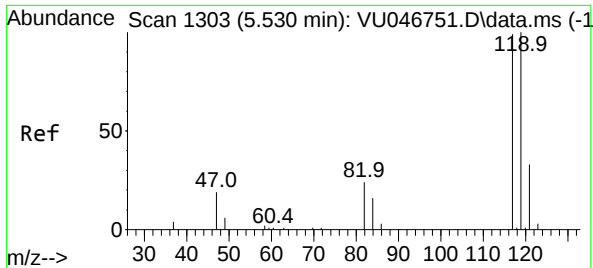
Ion Ratio Lower Upper

56 100

69 32.2 24.7 37.1

84 94.2 71.8 107.6

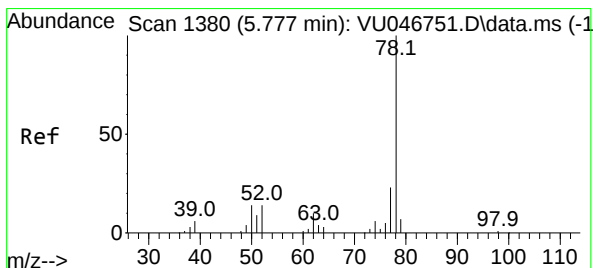
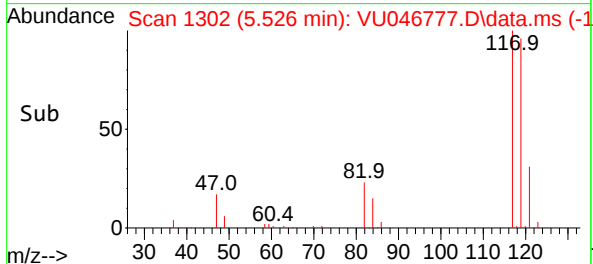
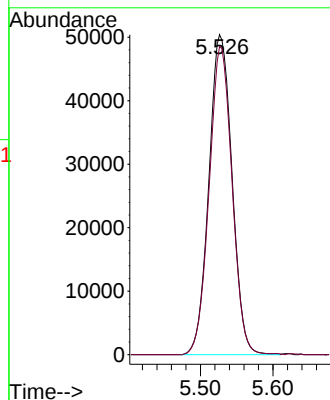
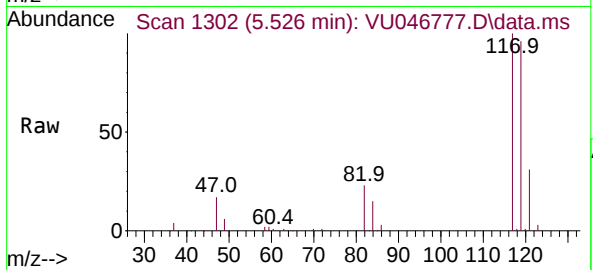




#31
Carbon tetrachloride
Concen: 6.519 ug/L
RT: 5.526 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

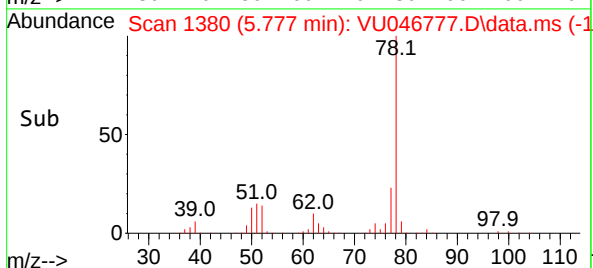
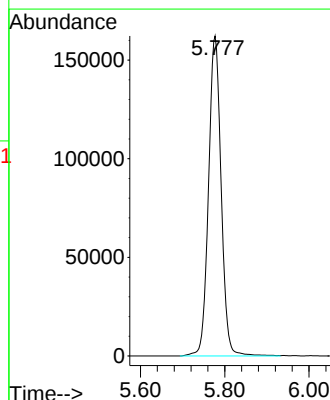
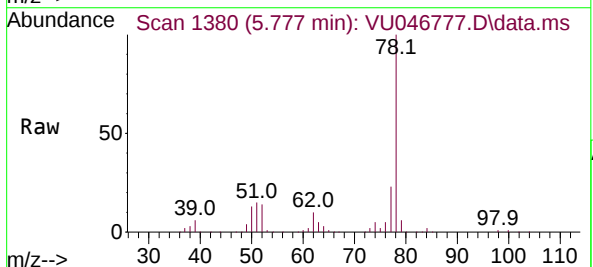
Instrument :
MSVOA_U
ClientSampleId :

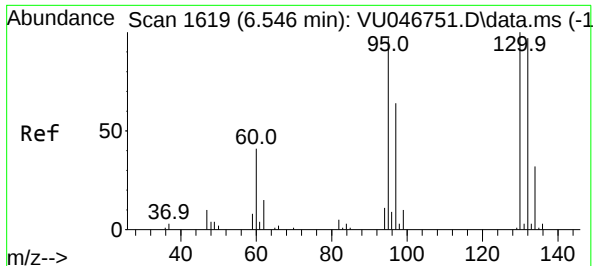
Tgt Ion:117 Resp: 111727
Ion Ratio Lower Upper
117 100
119 95.2 77.5 116.3



#33
Benzene
Concen: 6.830 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

Tgt Ion: 78 Resp: 337172





#34

Trichloroethene

Concen: 6.689 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 87345

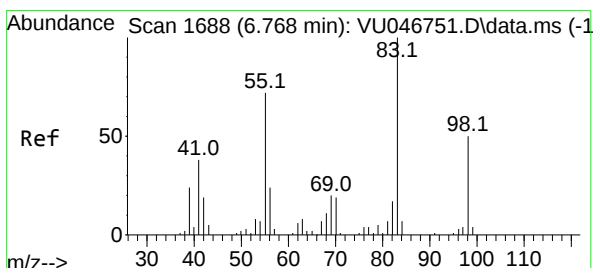
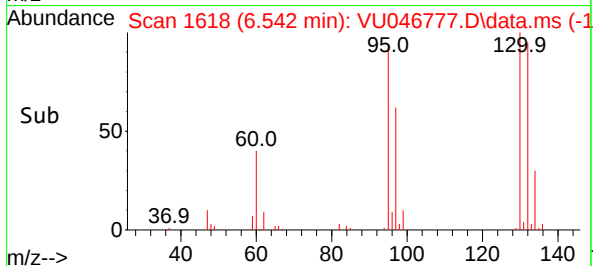
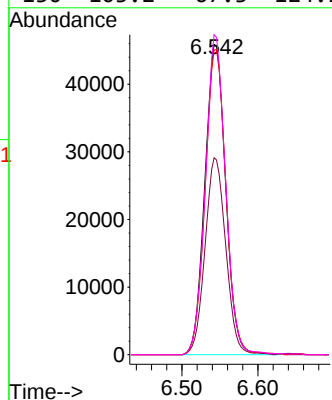
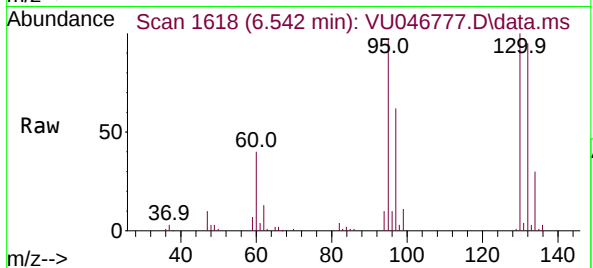
Ion Ratio Lower Upper

95 100

97 63.5 46.5 86.5

132 98.3 65.1 120.9

130 103.2 67.3 124.9



#35

Methylcyclohexane

Concen: 8.045 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

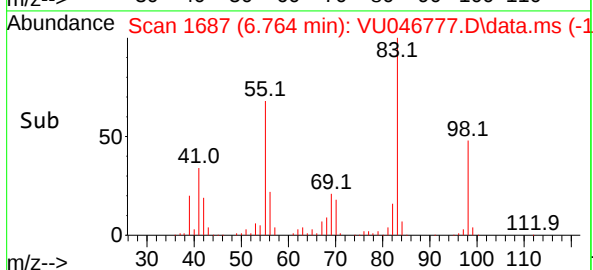
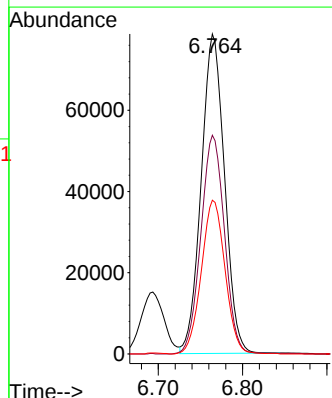
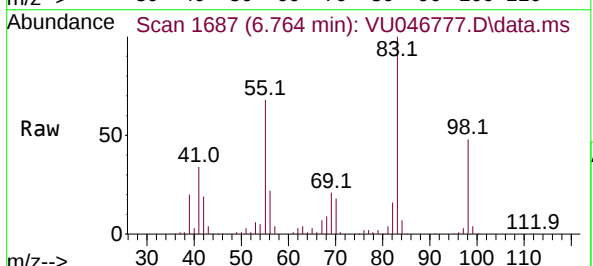
Tgt Ion: 83 Resp: 151194

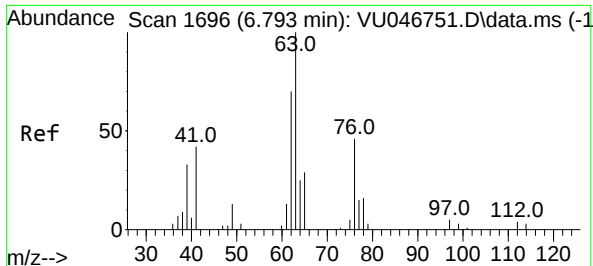
Ion Ratio Lower Upper

83 100

55 69.6 61.9 92.9

98 49.0 39.0 58.6





#37

1,2-Dichloropropane

Concen: 6.774 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

Instrument :

MSVOA_U

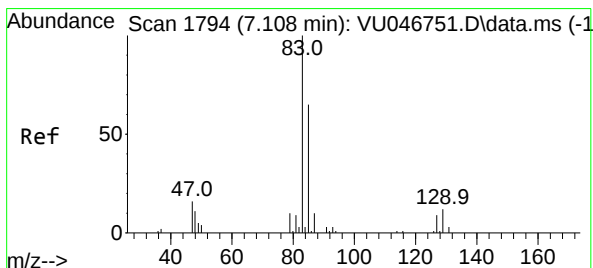
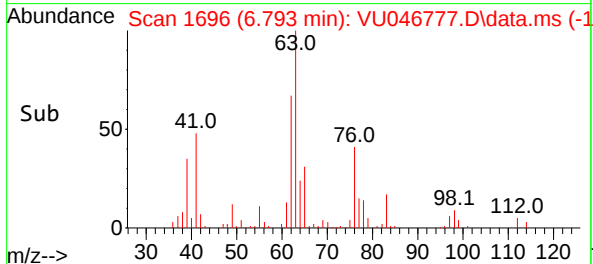
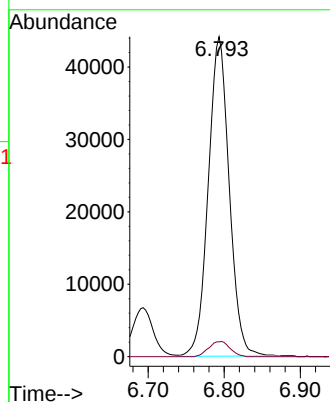
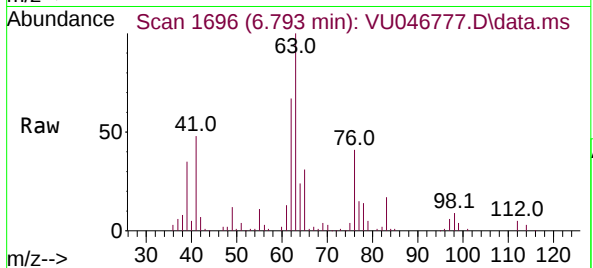
ClientSampleId :

Tgt Ion: 63 Resp: 84324

Ion Ratio Lower Upper

63 100

112 4.8 3.2 4.8#



#38

Bromodichloromethane

Concen: 6.256 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

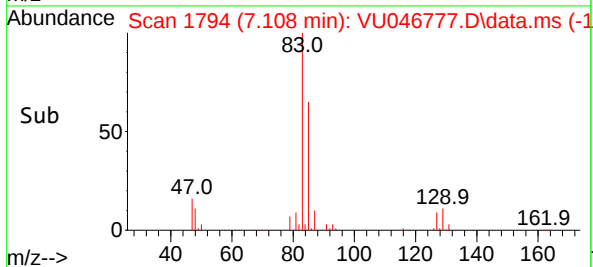
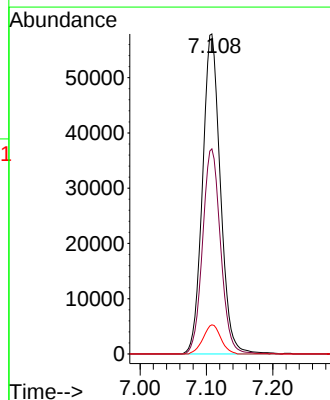
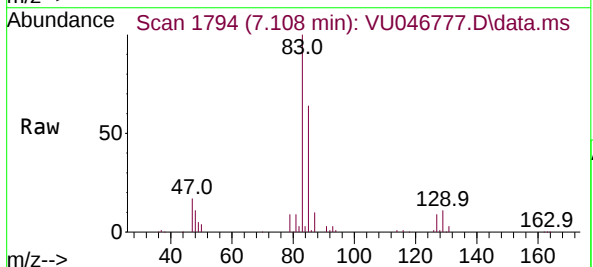
Tgt Ion: 83 Resp: 108457

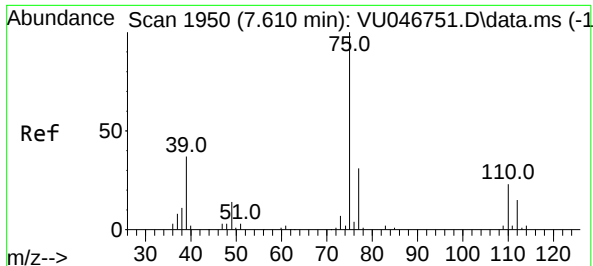
Ion Ratio Lower Upper

83 100

85 64.1 44.0 81.8

127 9.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 7.051 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

Instrument :

MSVOA_U

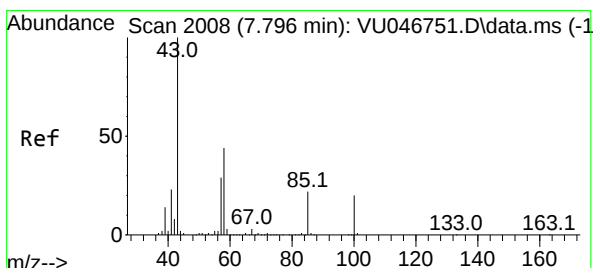
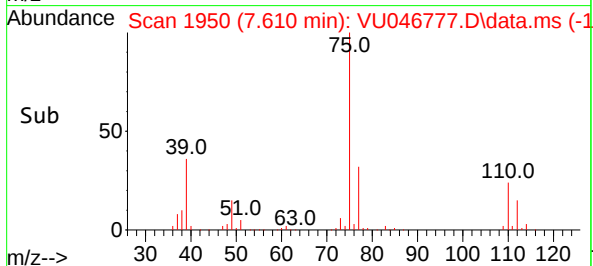
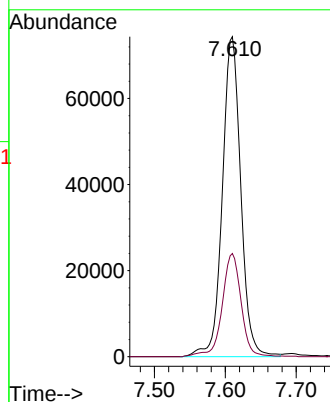
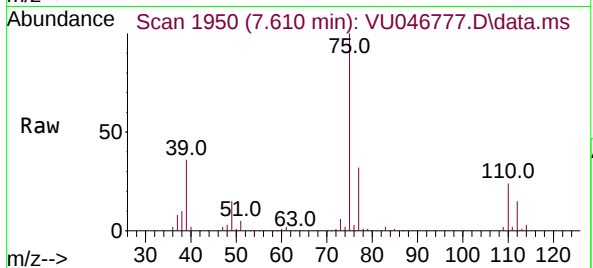
ClientSampleId :

Tgt Ion: 75 Resp: 134370

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 66.857 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

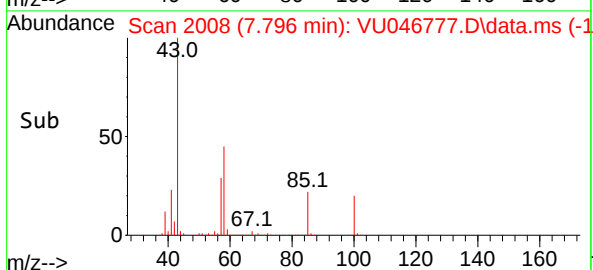
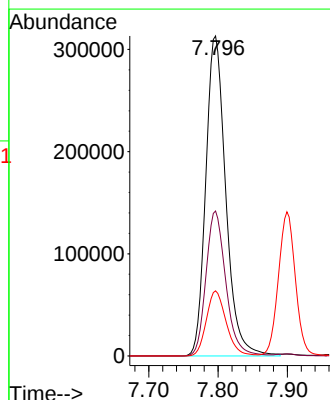
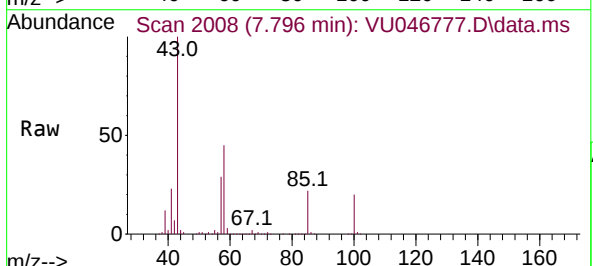
Tgt Ion: 43 Resp: 627472

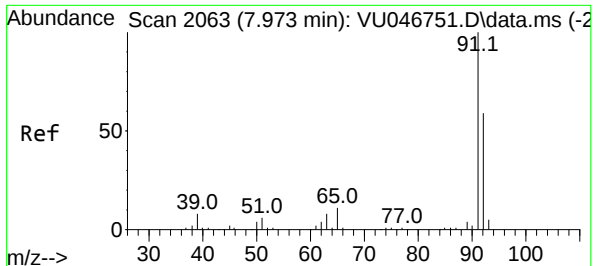
Ion Ratio Lower Upper

43 100

58 45.0 33.1 49.7

100 20.2 13.2 19.8





#42

Toluene

Concen: 7.173 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

Instrument :

MSVOA_U

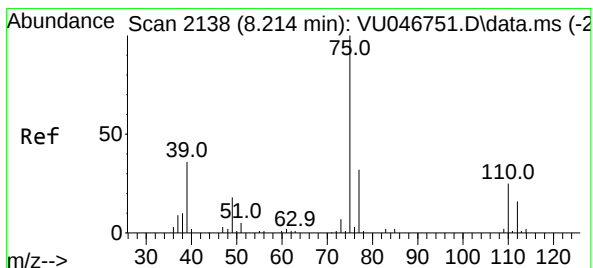
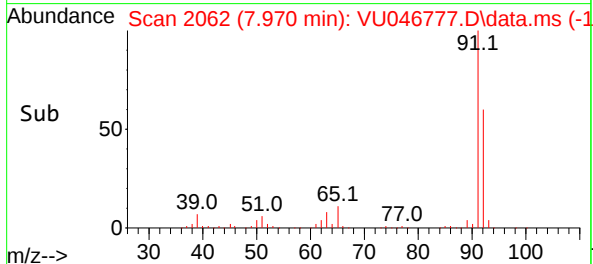
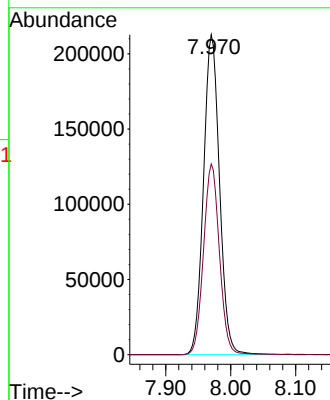
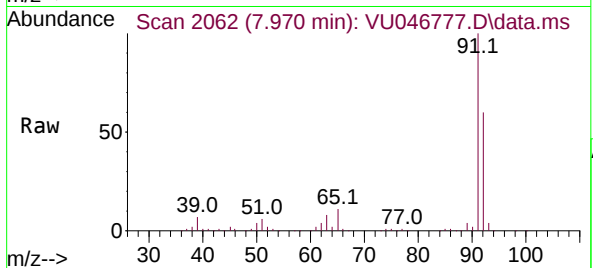
ClientSampleId :

Tgt Ion: 91 Resp: 365697

Ion Ratio Lower Upper

91 100

92 59.6 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 6.723 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU046777.D

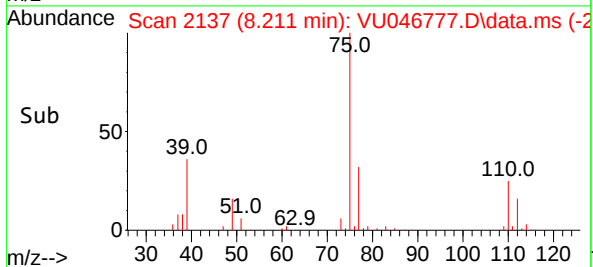
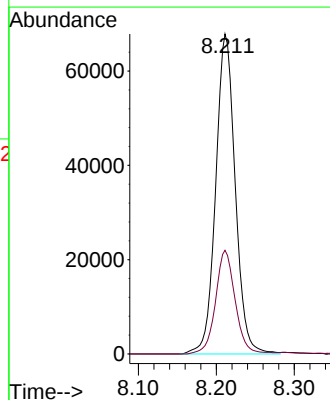
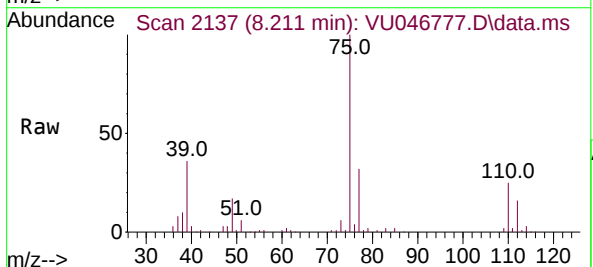
Acq: 18 Jan 2022 12:06

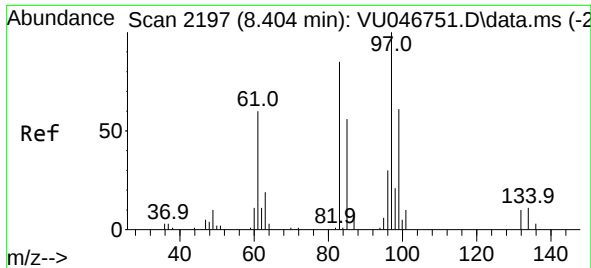
Tgt Ion: 75 Resp: 118260

Ion Ratio Lower Upper

75 100

77 32.4 22.7 42.3

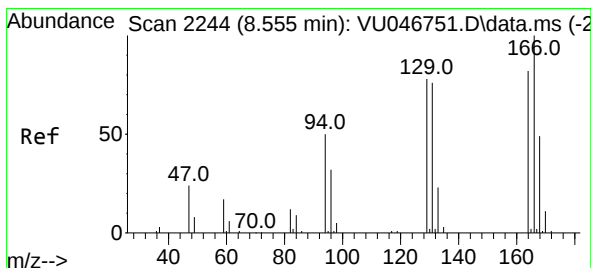
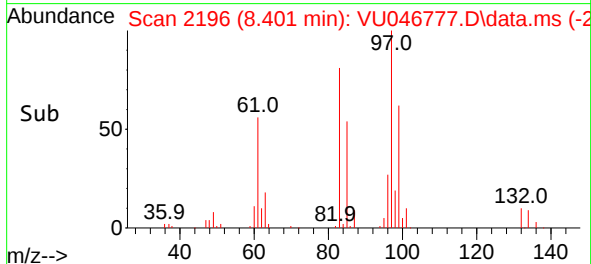
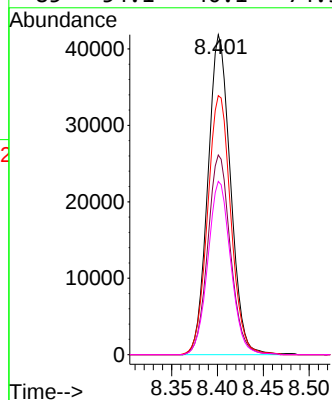
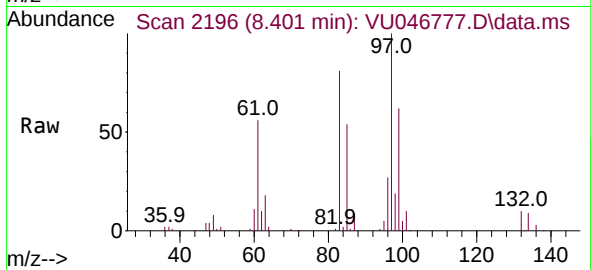




#45
1,1,2-Trichloroethane
Concen: 6.646 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

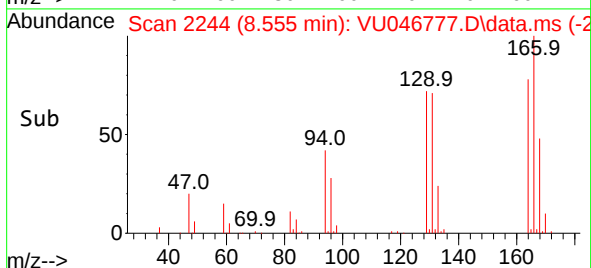
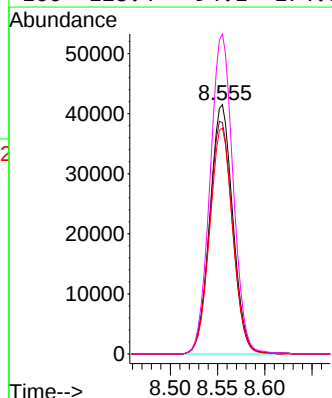
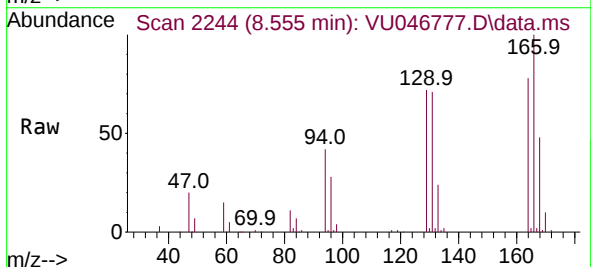
Instrument :
MSVOA_U
ClientSampleId :

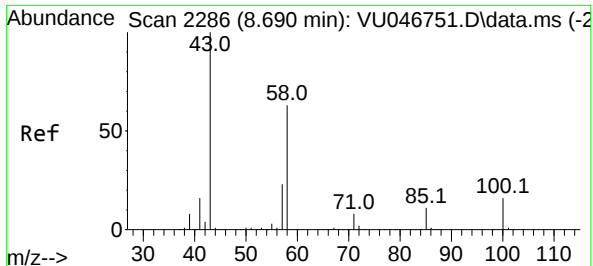
Tgt Ion:	97	Resp:	71867
Ion	Ratio	Lower	Upper
97	100		
99	62.4	42.3	78.5
83	81.0	62.0	115.2
85	54.1	40.1	74.5



#47
Tetrachloroethene
Concen: 7.408 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

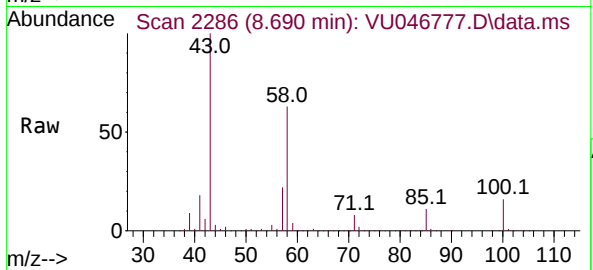
Tgt Ion:	164	Resp:	70322
Ion	Ratio	Lower	Upper
164	100		
129	92.8	71.8	133.4
131	90.6	68.5	127.3
166	128.4	94.1	174.8



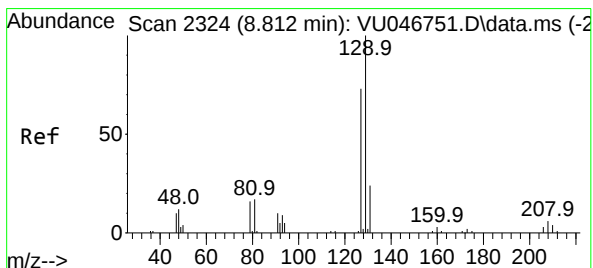
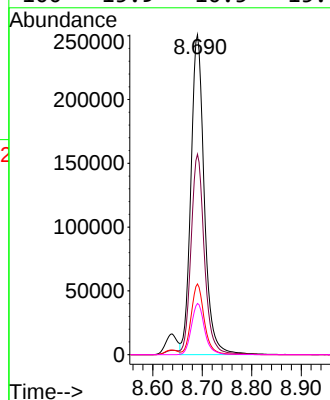
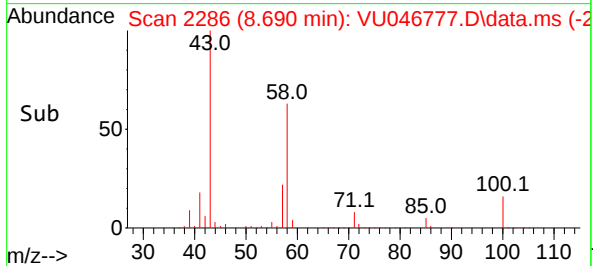


#48
2-Hexanone
Concen: 66.794 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

Instrument :
MSVOA_U
ClientSampleId :

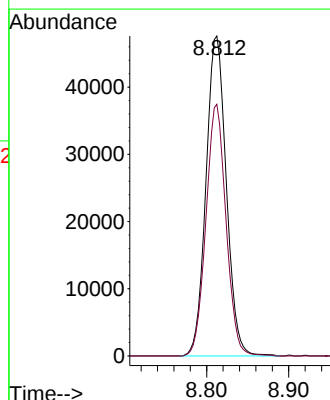
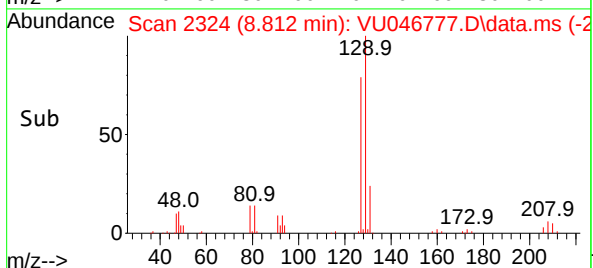
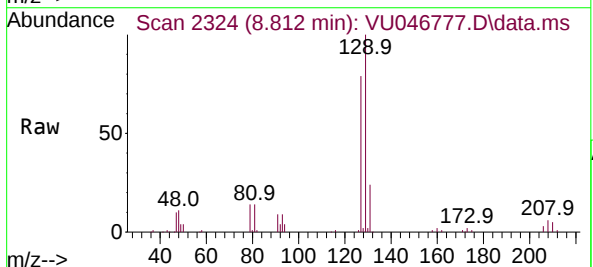


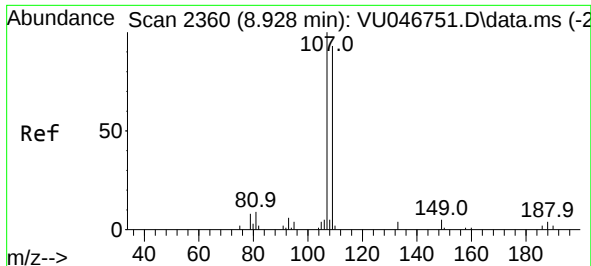
Tgt Ion: 43 Resp: 471254
Ion Ratio Lower Upper
43 100
58 62.6 46.7 70.1
57 21.5 16.3 24.5
100 15.9 10.5 15.7#



#49
Dibromochloromethane
Concen: 6.559 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

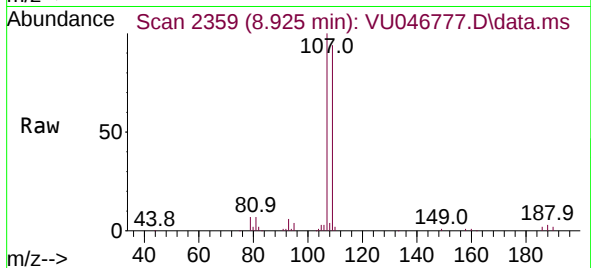
Tgt Ion: 129 Resp: 81992
Ion Ratio Lower Upper
129 100
127 78.7 55.4 102.8



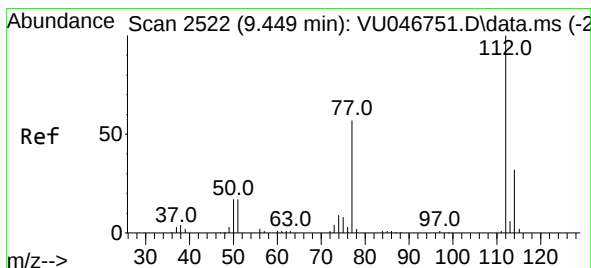
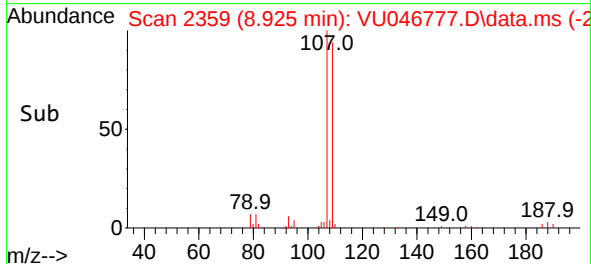
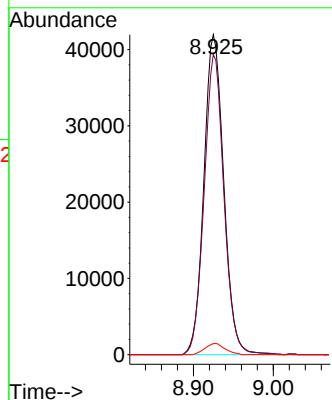


#50
1,2-Dibromoethane
Concen: 6.892 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

Instrument :
MSVOA_U
ClientSampleId :

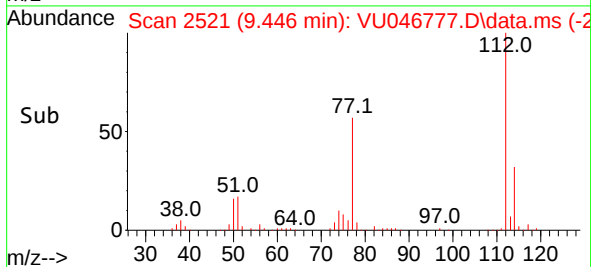
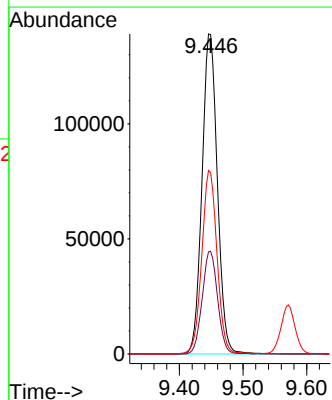
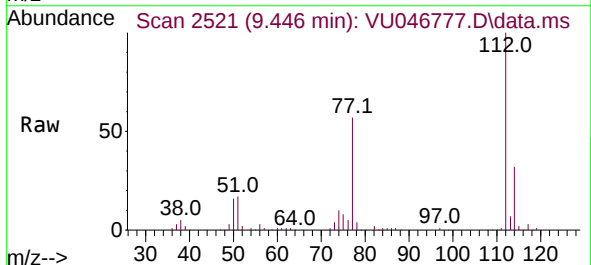


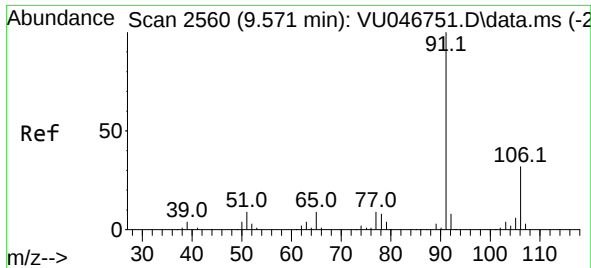
Tgt Ion:107 Resp: 72554
Ion Ratio Lower Upper
107 100
109 93.8 64.0 119.0
188 3.4 2.4 3.6



#51
Chlorobenzene
Concen: 7.070 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

Tgt Ion:112 Resp: 233044
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 57.3 48.3 72.5

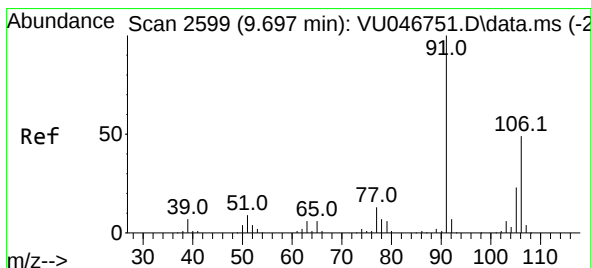
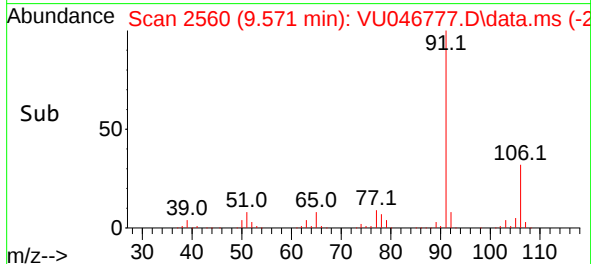
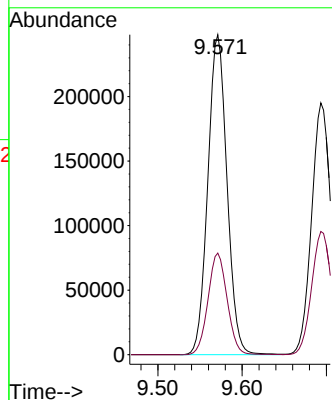
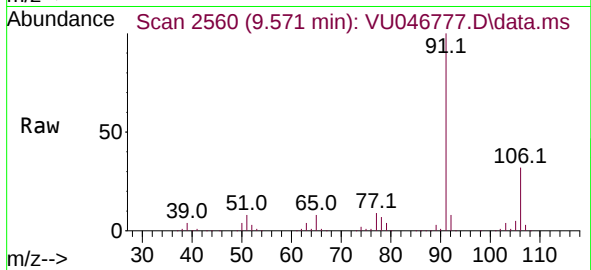




#52
Ethylbenzene
Concen: 7.351 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

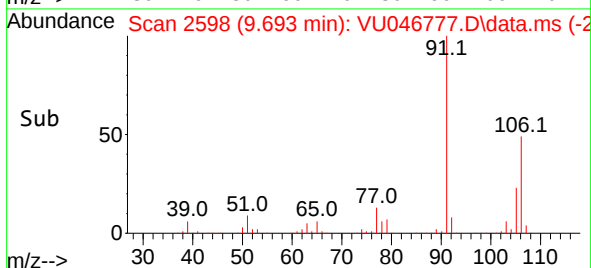
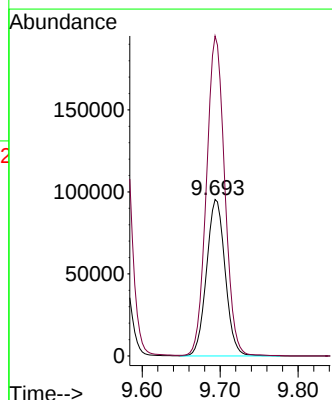
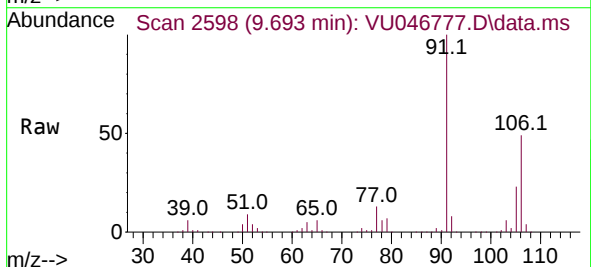
Instrument :
MSVOA_U
ClientSampleId :

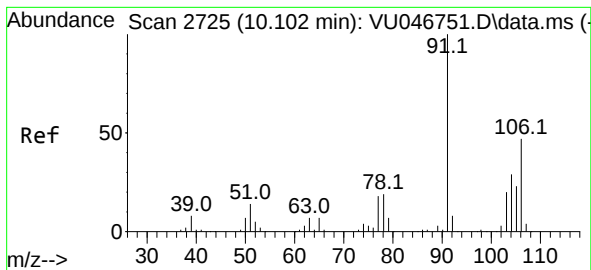
Tgt Ion: 91 Resp: 391882
Ion Ratio Lower Upper
91 100
106 31.8 21.5 39.9



#53
m,p-Xylene
Concen: 7.720 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

Tgt Ion:106 Resp: 158471
Ion Ratio Lower Upper
106 100
91 204.5 139.4 259.0





#54

o-Xylene

Concen: 7.787 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

Instrument :

MSVOA_U

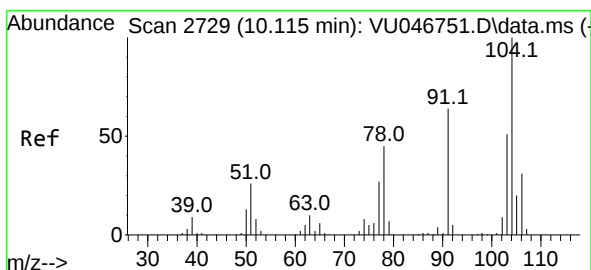
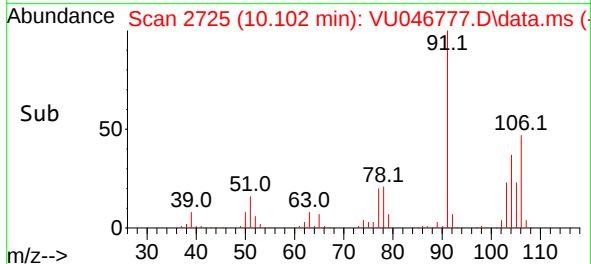
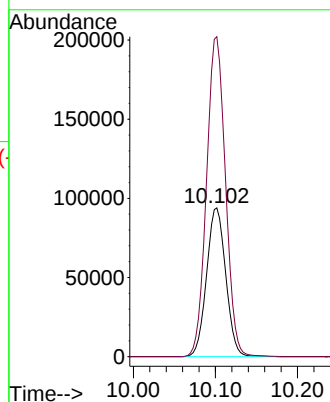
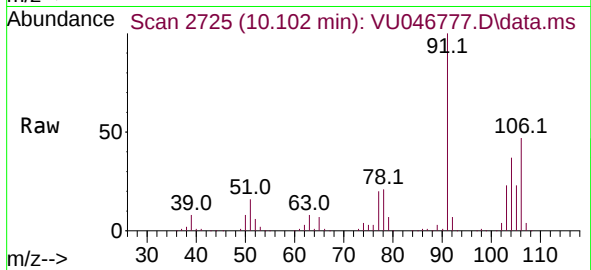
ClientSampleId :

Tgt Ion:106 Resp: 152486

Ion Ratio Lower Upper

106 100

91 215.0 147.5 273.9



#55

Styrene

Concen: 7.711 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU046777.D

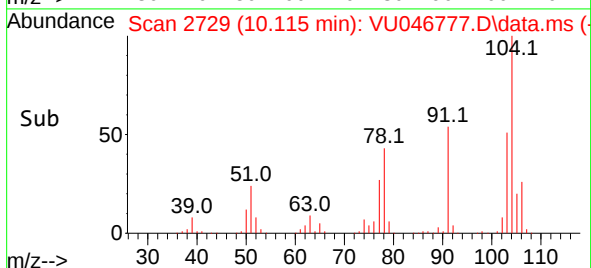
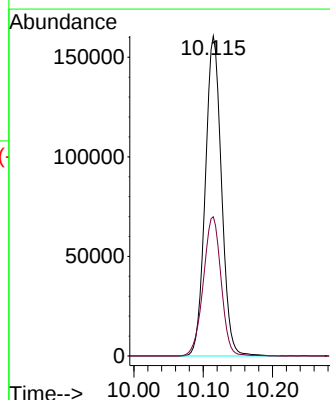
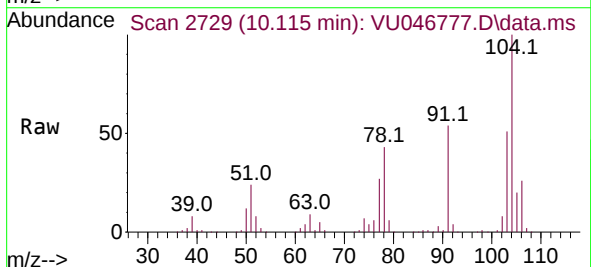
Acq: 18 Jan 2022 12:06

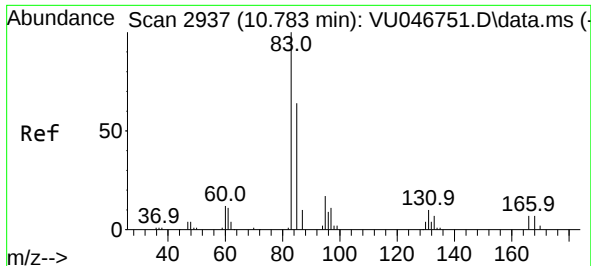
Tgt Ion:104 Resp: 260285

Ion Ratio Lower Upper

104 100

78 43.5 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 6.654 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU046777.D

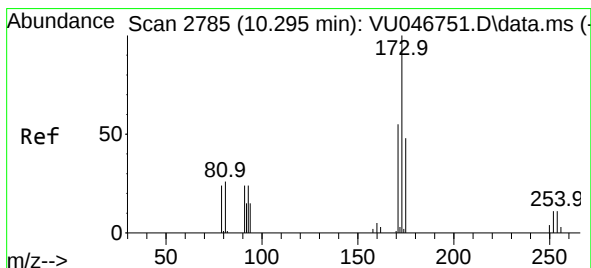
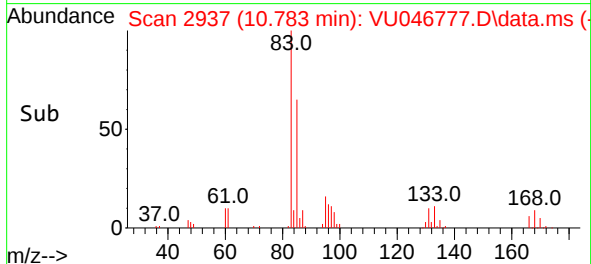
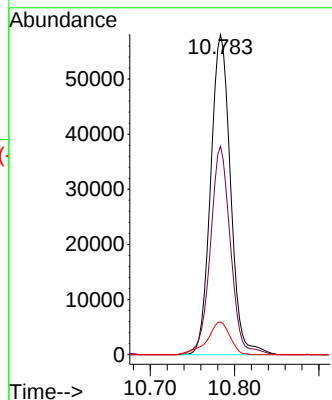
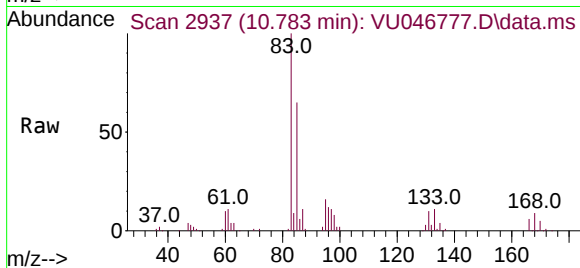
Acq: 18 Jan 2022 12:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	95175
Ion	Ratio	Lower	Upper
83	100		
85	65.1	47.9	89.1
131	10.2	8.1	12.1



#59

Bromoform

Concen: 6.414 ug/L

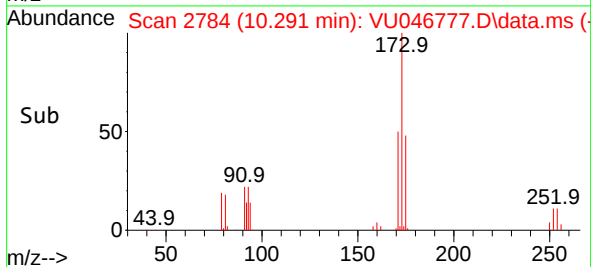
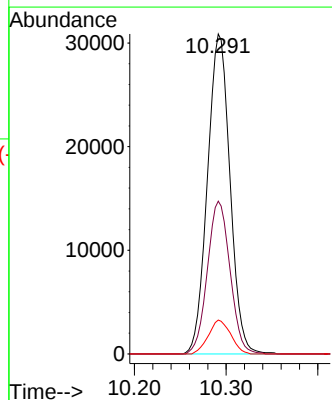
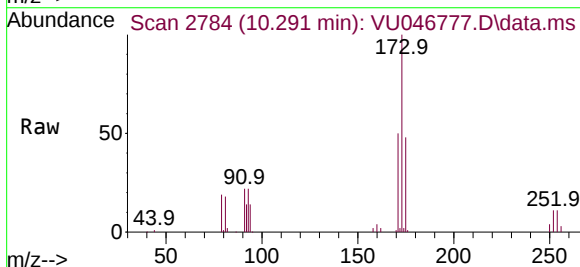
RT: 10.291 min Scan# 2784

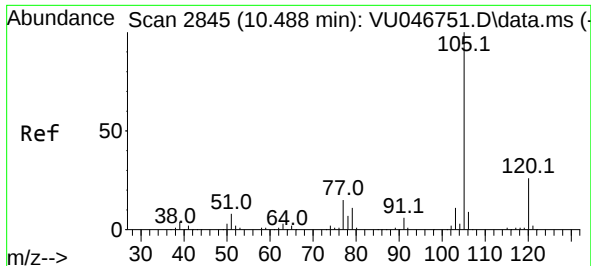
Delta R.T. -0.000 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

Tgt Ion:	173	Resp:	52667
Ion	Ratio	Lower	Upper
173	100		
175	48.0	37.8	56.6
254	10.5	7.3	10.9

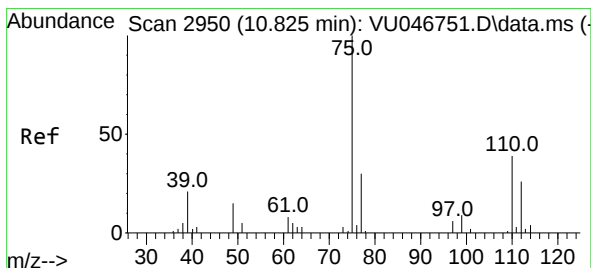
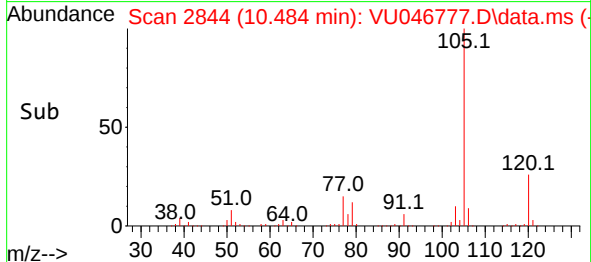
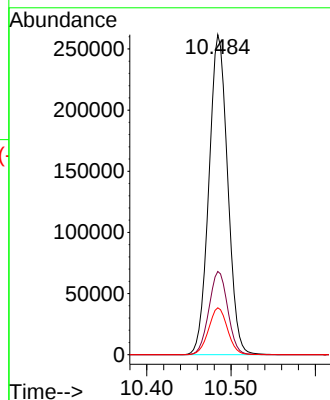
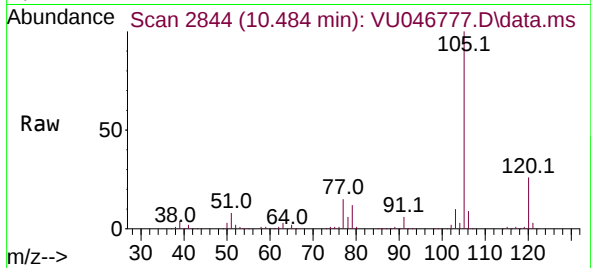




#60
Isopropylbenzene
Concen: 7.276 ug/L
RT: 10.484 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

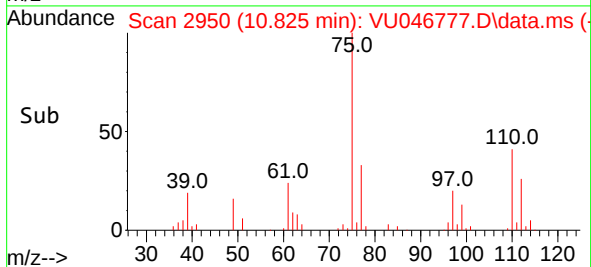
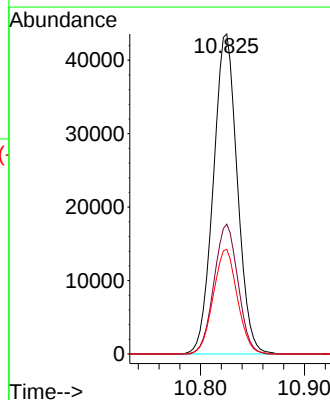
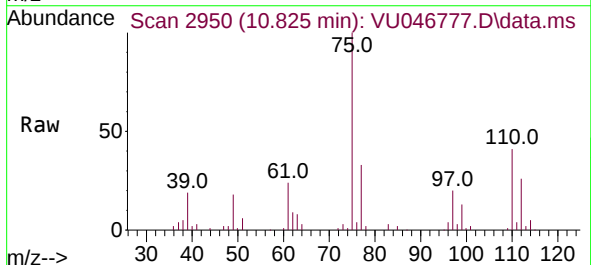
Instrument :
MSVOA_U
ClientSampleId :

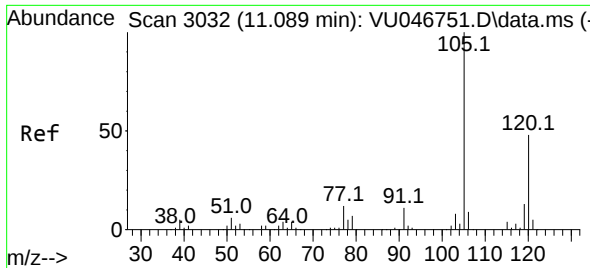
Tgt Ion:105 Resp: 405136
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 14.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.917 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

Tgt Ion: 75 Resp: 69886
Ion Ratio Lower Upper
75 100
110 40.5 29.9 44.9
77 32.9 25.5 38.3

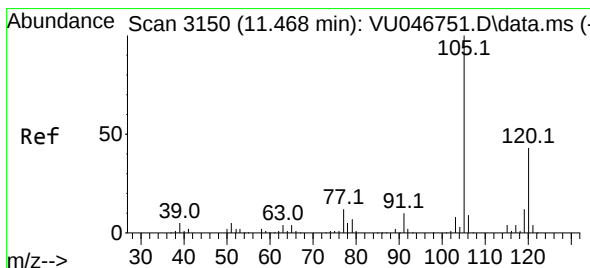
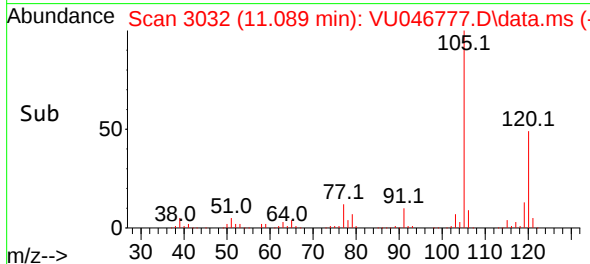
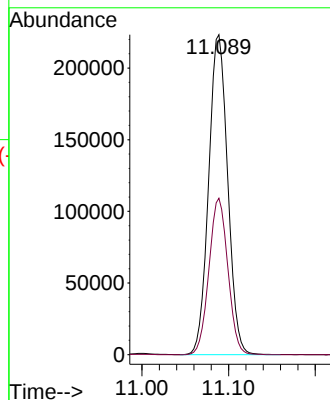
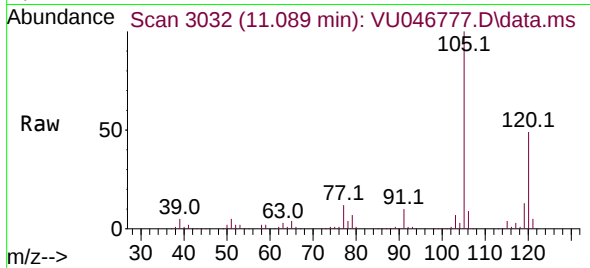




#62
 1,3,5-Trimethylbenzene
 Concen: 7.379 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU046777.D
 Acq: 18 Jan 2022 12:06

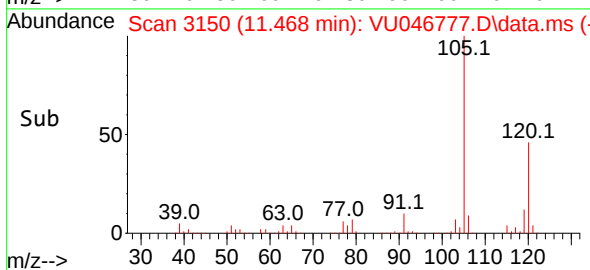
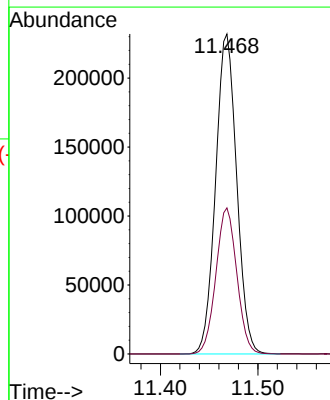
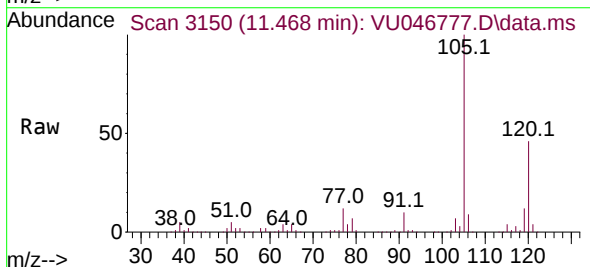
Instrument :
 MSVOA_U
 ClientSampleId :

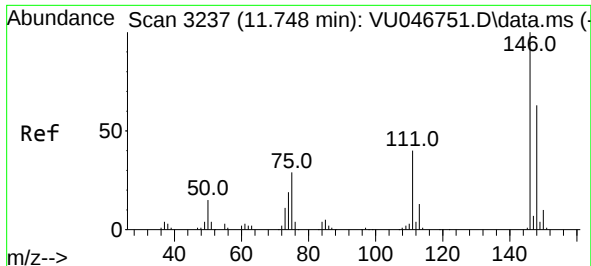
Tgt Ion:105 Resp: 340163
 Ion Ratio Lower Upper
 105 100
 120 48.6 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 7.492 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU046777.D
 Acq: 18 Jan 2022 12:06

Tgt Ion:105 Resp: 348370
 Ion Ratio Lower Upper
 105 100
 120 45.4 35.8 53.8

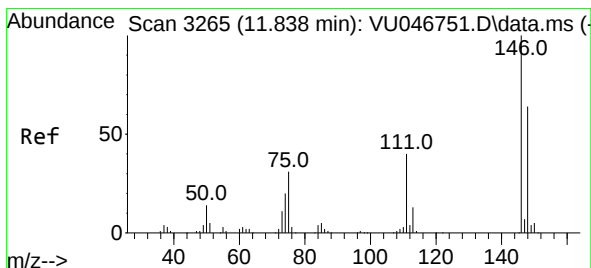
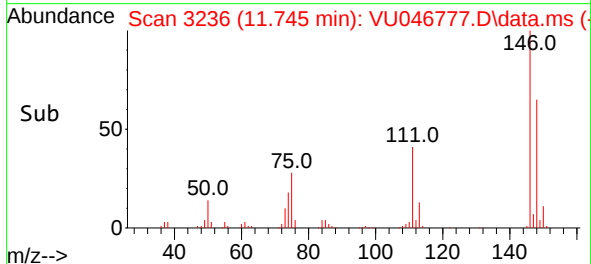
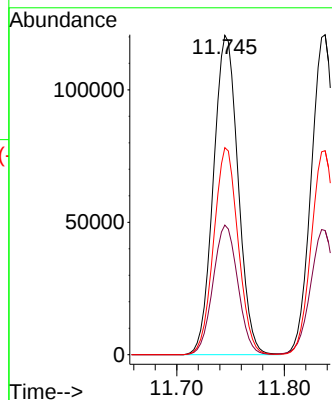
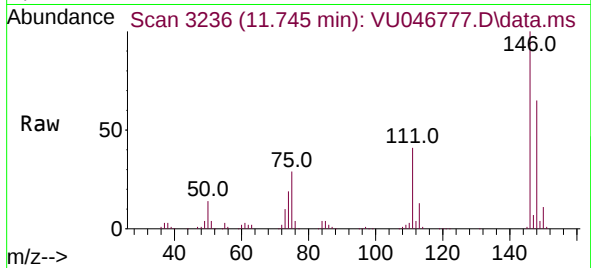




#64
1,3-Dichlorobenzene
Concen: 7.043 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

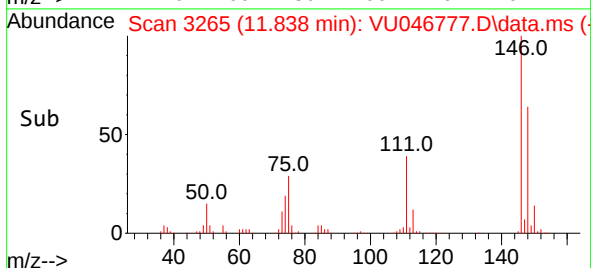
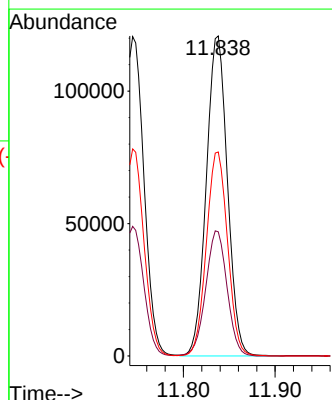
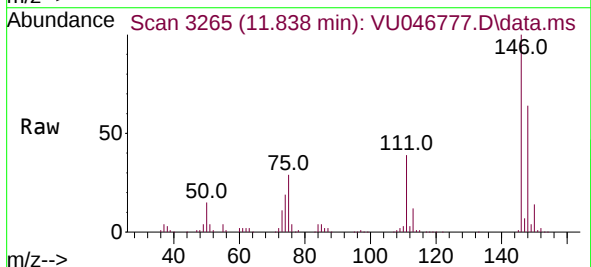
Instrument :
MSVOA_U
ClientSampleId :

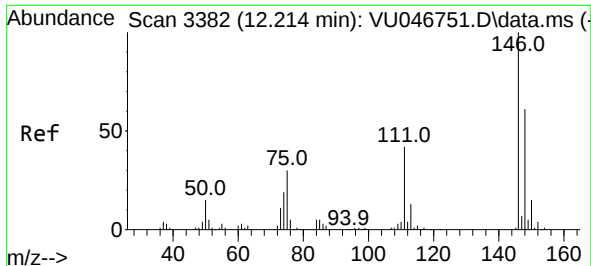
Tgt Ion:146 Resp: 192464
Ion Ratio Lower Upper
146 100
111 40.6 29.9 55.5
148 64.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 6.892 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

Tgt Ion:146 Resp: 193017
Ion Ratio Lower Upper
146 100
111 38.8 28.7 53.3
148 63.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 6.760 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

Instrument :

MSVOA_U

ClientSampleId :

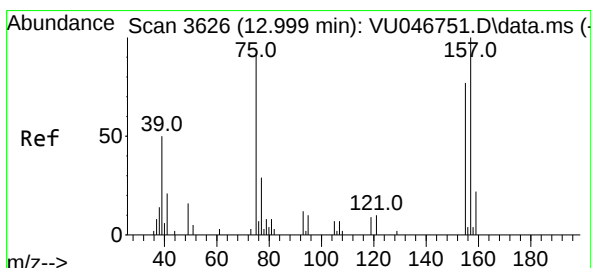
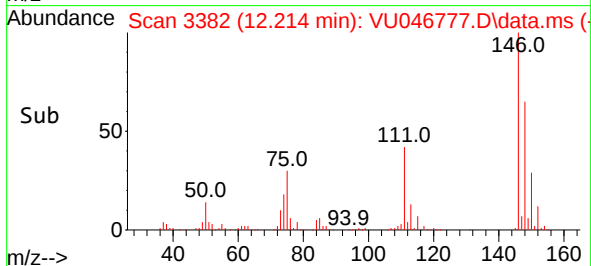
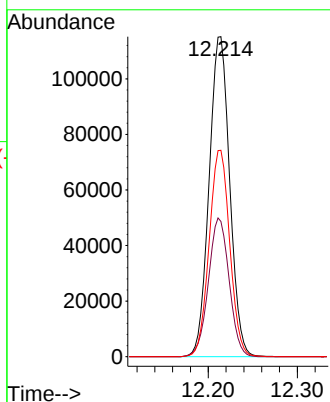
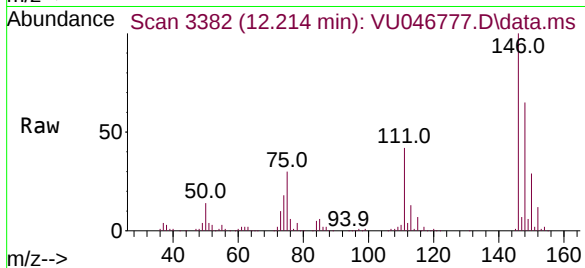
Tgt Ion:146 Resp: 184843

Ion Ratio Lower Upper

146 100

111 42.2 35.4 53.0

148 64.5 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.628 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

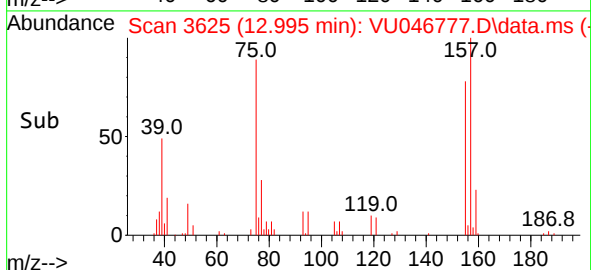
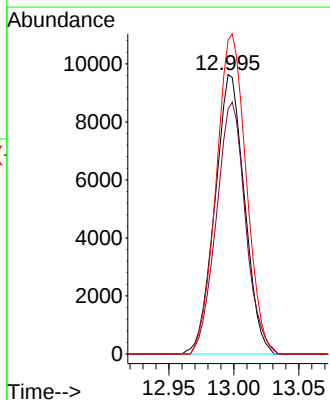
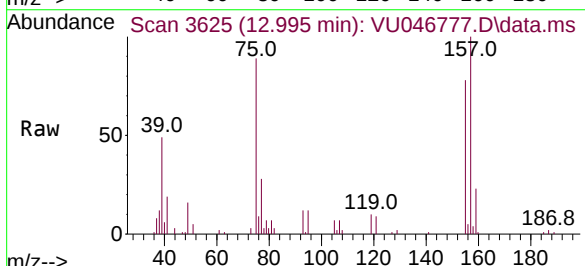
Tgt Ion: 75 Resp: 15223

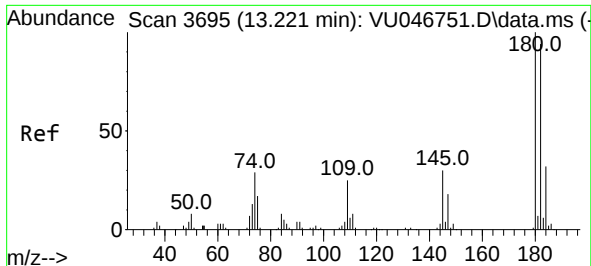
Ion Ratio Lower Upper

75 100

155 87.6 59.2 88.8

157 112.3 76.5 114.7





#69

1,3,5-Trichlorobenzene

Concen: 7.363 ug/L

RT: 13.217 min Scan# 3695

Delta R.T. -0.003 min

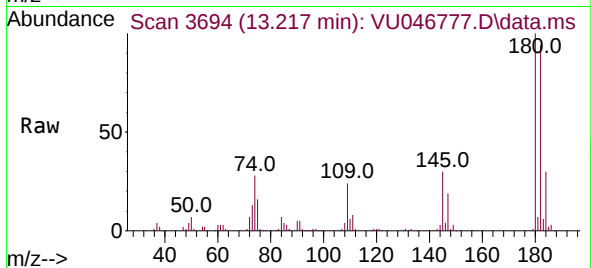
Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 153304

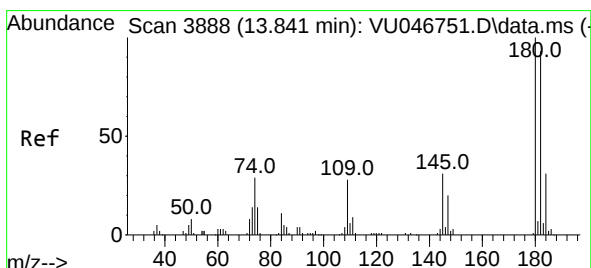
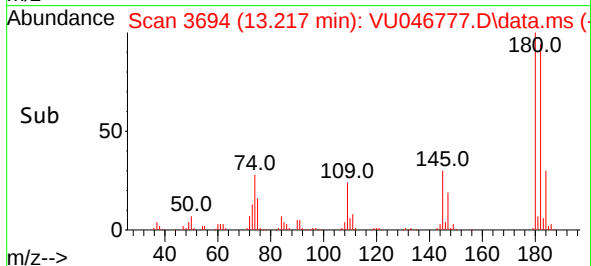
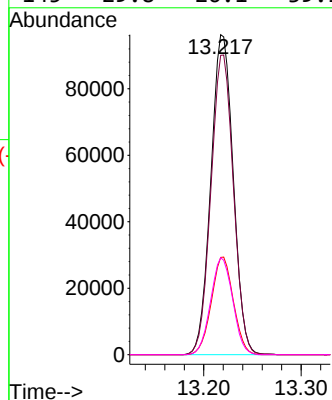
Ion Ratio Lower Upper

180 100

182 94.1 76.1 114.1

184 30.1 25.0 37.4

145 29.8 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 7.350 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU046777.D

Acq: 18 Jan 2022 12:06

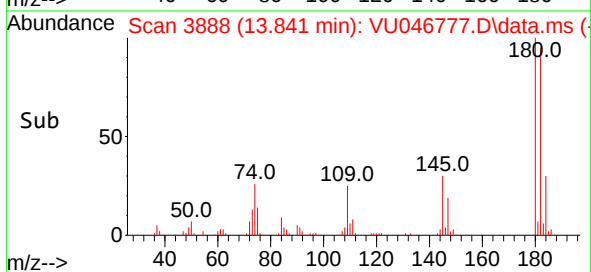
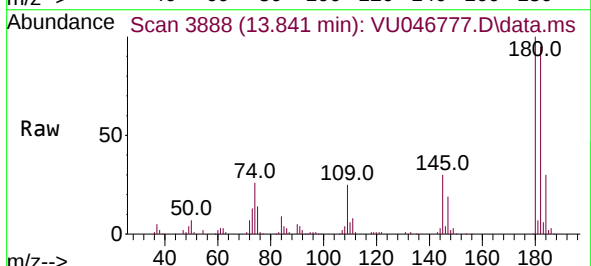
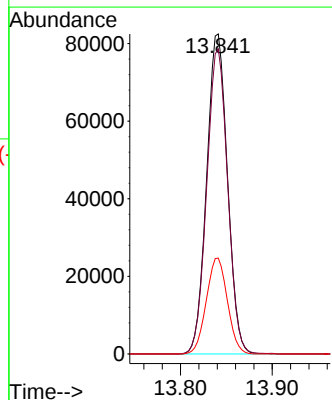
Tgt Ion:180 Resp: 130231

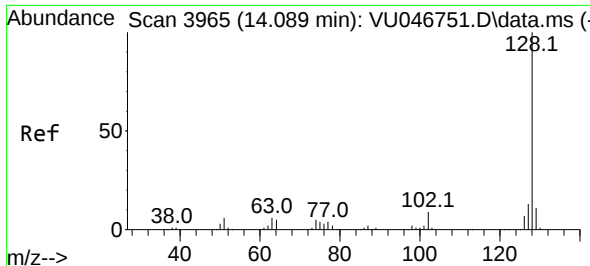
Ion Ratio Lower Upper

180 100

182 95.6 76.4 114.6

145 30.3 25.6 38.4

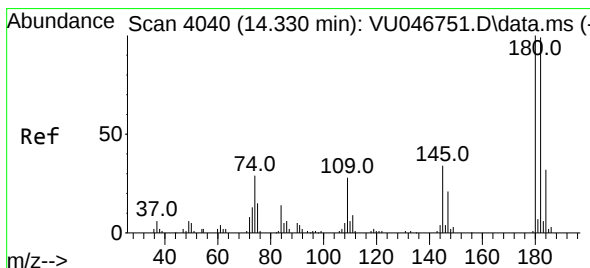
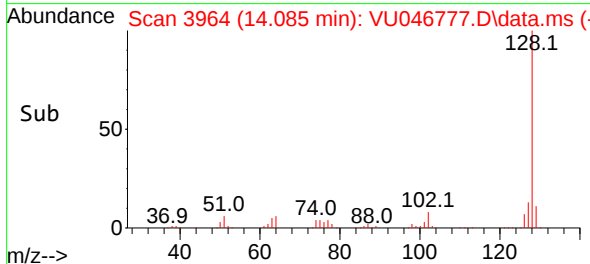
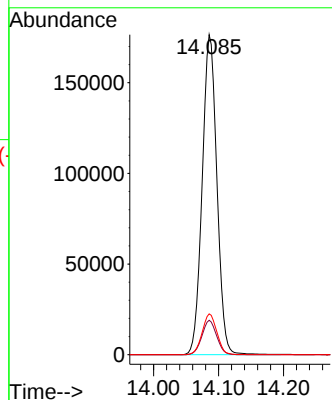
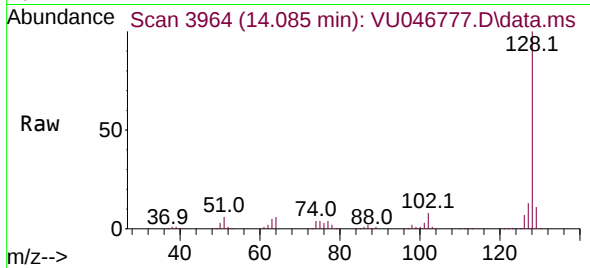




#71
Naphthalene
Concen: 7.270 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 278346
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 7.158 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046777.D
Acq: 18 Jan 2022 12:06

Tgt Ion:180 Resp: 123894
Ion Ratio Lower Upper
180 100
182 96.0 76.2 114.4
145 32.2 28.4 42.6

