

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046776.D
 Acq On : 18 Jan 2022 11:42
 Operator : SY/MD
 Sample : VSTD00547
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 19 06:00:51 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	6.253	114	130484	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	136273	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	78344	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	56560	5.443	ug/L	0.00
7) Chloroethane-d5	1.919	69	45110	5.464	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	23341	5.327	ug/L	0.00
20) 2-Butanone-d5	4.655	46	180649	57.949	ug/L	0.00
24) Chloroform-d	5.067	84	98155	5.203	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	54270	5.051	ug/L	0.00
32) Benzene-d6	5.729	84	203438	5.356	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	61172	5.356	ug/L	0.00
41) Toluene-d8	7.899	98	188637	5.450	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	26592	5.072	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	170530	54.649	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	62395	5.263	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	73145	5.089	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	65830	3.566	ug/L	99
3) Chloromethane	1.523	50	54034	3.427	ug/L	99
5) Vinyl chloride	1.607	62	56762	3.629	ug/L	99
6) Bromomethane	1.864	94	35456	3.723	ug/L	98
8) Chloroethane	1.938	64	32472	3.549	ug/L	98
9) Trichlorofluoromethane	2.144	101	68178	3.349	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	40829	3.863	ug/L	94
12) 1,1-Dichloroethene	2.584	96	39651	3.703	ug/L	89
13) Acetone	2.681	43	32369	12.332	ug/L #	27
14) Carbon disulfide	2.800	76	127547	3.659	ug/L	99
15) Methyl Acetate	2.970	43	19563	3.800	ug/L	93
16) Methylene chloride	3.051	84	45215	3.478	ug/L	91
17) Methyl tert-butyl Ether	3.366	73	110067	3.593	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	41614	3.670	ug/L	90
19) 1,1-Dichloroethane	3.874	63	71830	3.476	ug/L	99
21) 2-Butanone	4.732	43	146732	37.319	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	45619	3.677	ug/L	96
23) Bromochloromethane	4.980	128	22146	3.603	ug/L	86
25) Chloroform	5.092	83	97707	4.215	ug/L	98
27) 1,2-Dichloroethane	5.800	62	50626	3.214	ug/L	96
29) 1,1,1-Trichloroethane	5.317	97	66032	3.256	ug/L	97
30) Cyclohexane	5.391	56	66833	3.877	ug/L	93
31) Carbon tetrachloride	5.526	117	55180	3.233	ug/L	100
33) Benzene	5.777	78	170428	3.466	ug/L	100
34) Trichloroethene	6.546	95	44089	3.390	ug/L	97
35) Methylcyclohexane	6.768	83	75115	4.013	ug/L	94
37) 1,2-Dichloropropane	6.793	63	42091	3.395	ug/L #	98
38) Bromodichloromethane	7.108	83	55866	3.235	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	65748	3.464	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	323116	34.565	ug/L #	95
42) Toluene	7.970	91	185891	3.660	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	59135	3.375	ug/L	99

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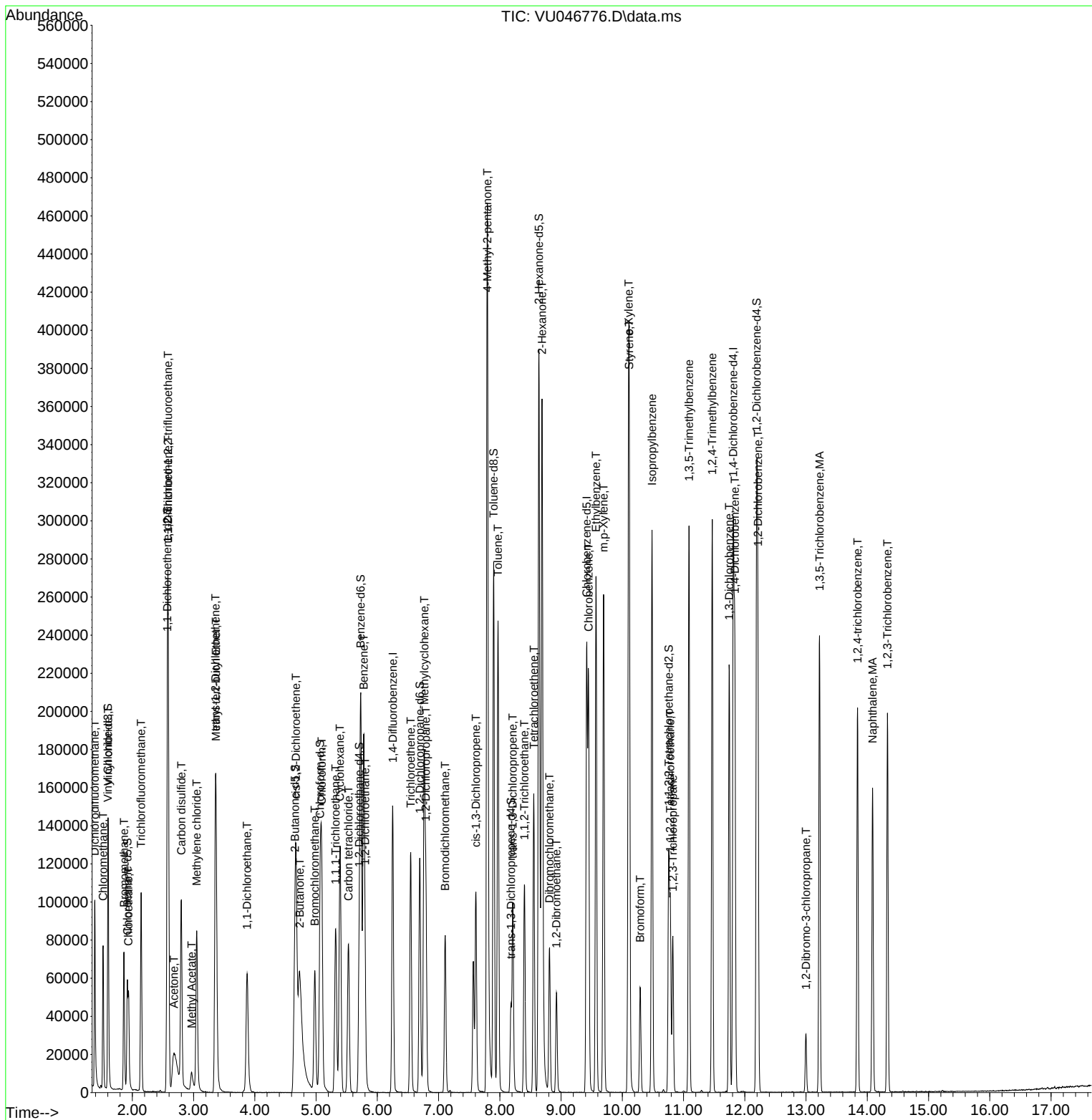
Quant Time: Jan 19 06:00:51 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 19 05:54:53 2022
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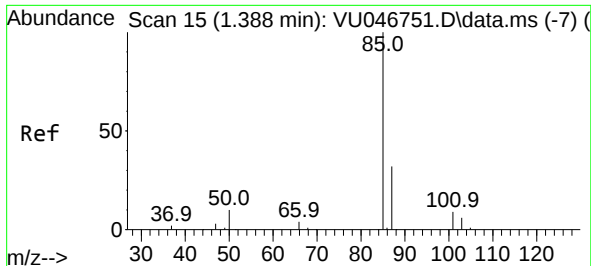
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.401	97	36220	3.363	ug/L	96
47) Tetrachloroethene	8.555	164	36480	3.858	ug/L	90
48) 2-Hexanone	8.690	43	244992	34.862	ug/L #	96
49) Dibromochloromethane	8.812	129	41227	3.311	ug/L	99
50) 1,2-Dibromoethane	8.925	107	36629	3.493	ug/L	98
51) Chlorobenzene	9.449	112	118093	3.597	ug/L	96
52) Ethylbenzene	9.571	91	197218	3.714	ug/L	98
53) m,p-Xylene	9.697	106	79686	3.897	ug/L	98
54) o-Xylene	10.102	106	75723	3.882	ug/L	99
55) Styrene	10.115	104	127243	3.784	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	48680	3.417	ug/L	95
59) Bromoform	10.291	173	25966	3.217	ug/L	98
60) Isopropylbenzene	10.484	105	201337	3.679	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	35686	3.074	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	164811	3.637	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	170756	3.736	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	96820	3.605	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	97218	3.532	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	93784	3.490	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	7600	2.859	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.221	180	75063	3.668	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	65012	3.733	ug/L	97
71) Naphthalene	14.086	128	130751	3.475	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	60564	3.560	ug/L	97

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

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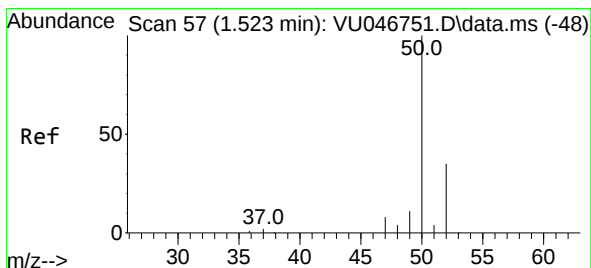
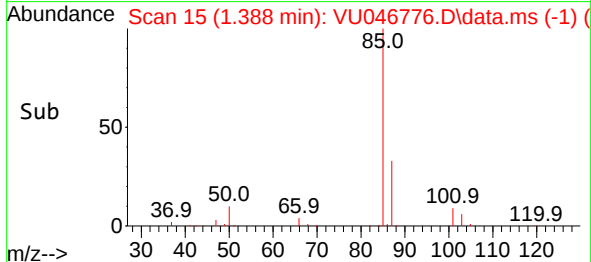
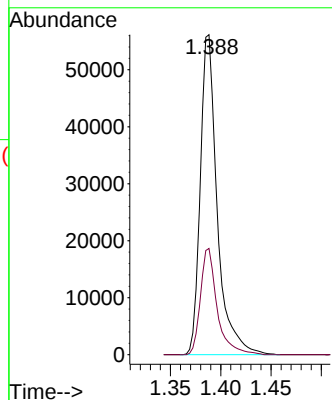
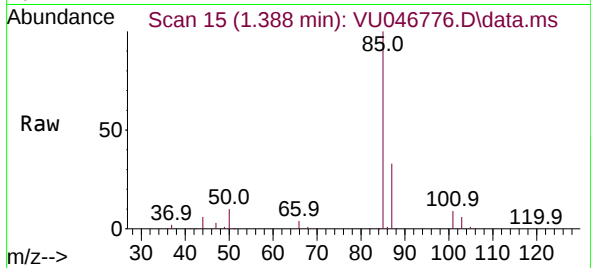




#2
Dichlorodifluoromethane
Concen: 3.566 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

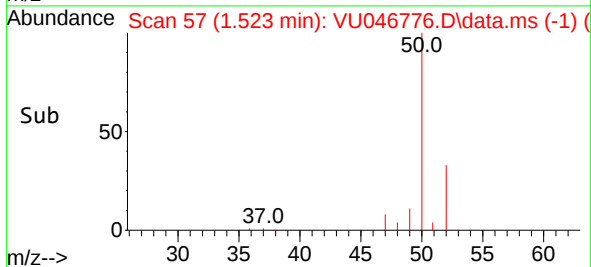
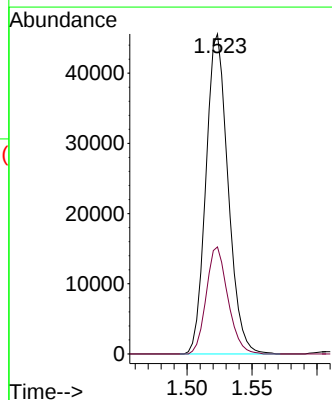
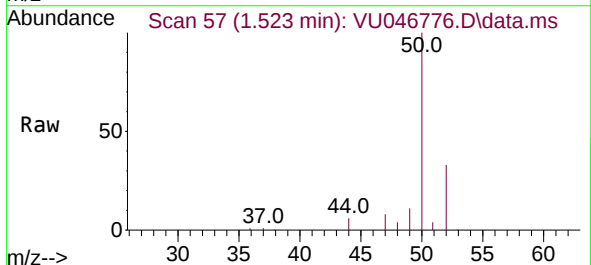
Instrument :
MSVOA_U
ClientSampleId :

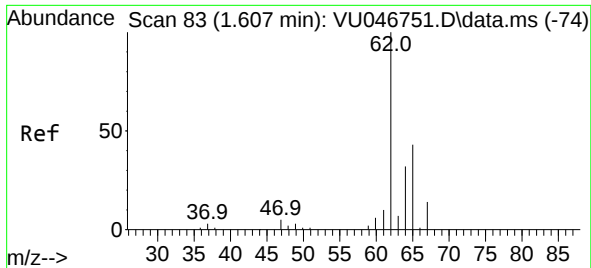
Tgt Ion: 85 Resp: 65830
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.6



#3
Chloromethane
Concen: 3.427 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

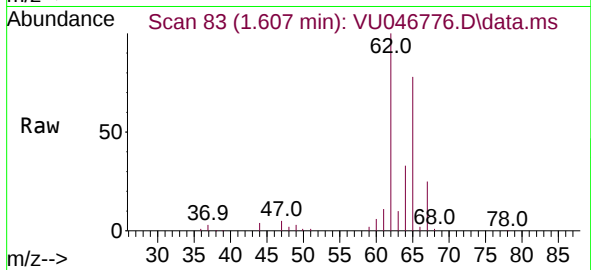
Tgt Ion: 50 Resp: 54034
Ion Ratio Lower Upper
50 100
52 33.5 23.0 42.8



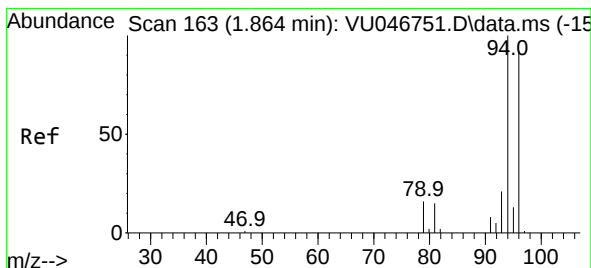
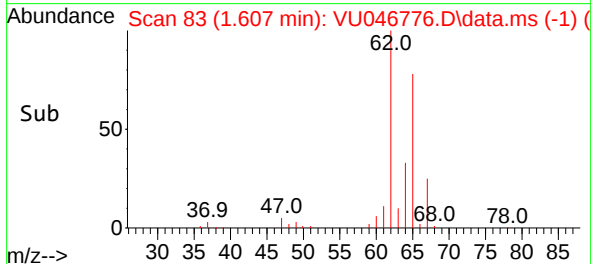
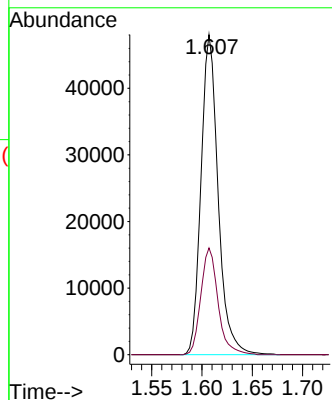


#5
 Vinyl chloride
 Concen: 3.629 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU046776.D
 Acq: 18 Jan 2022 11:42

Instrument :
 MSVOA_U
 ClientSampleId :

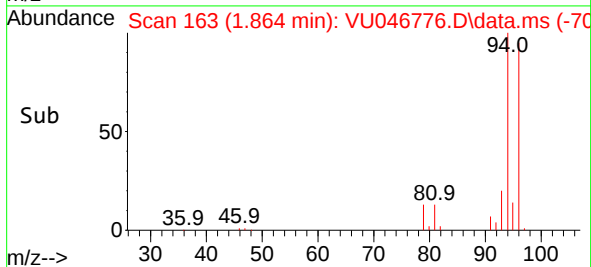
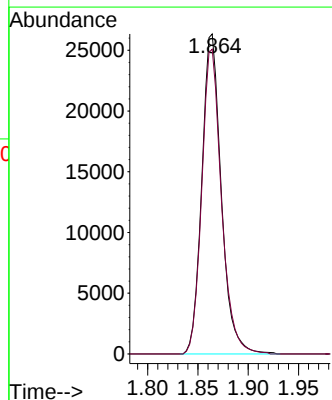
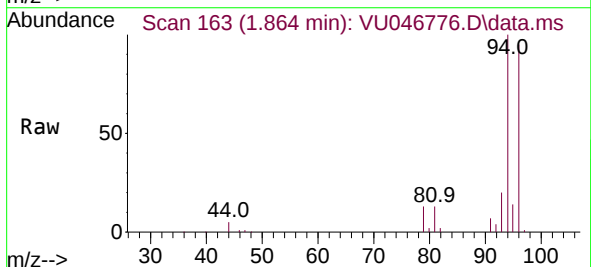


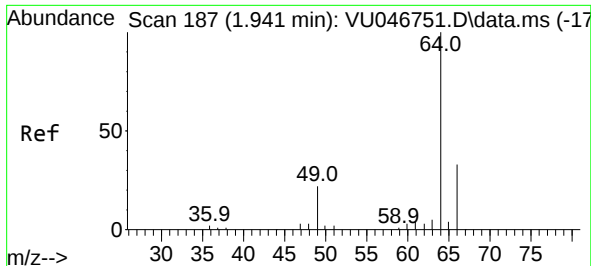
Tgt Ion: 62 Resp: 56762
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.9 42.5



#6
 Bromomethane
 Concen: 3.723 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046776.D
 Acq: 18 Jan 2022 11:42

Tgt Ion: 94 Resp: 35456
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.5 121.6

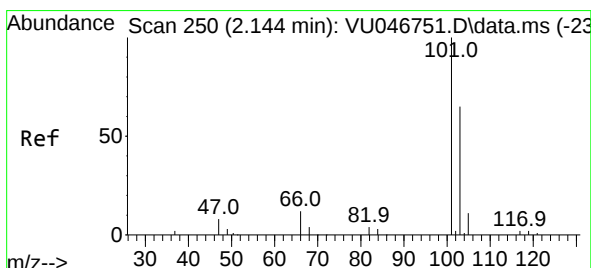
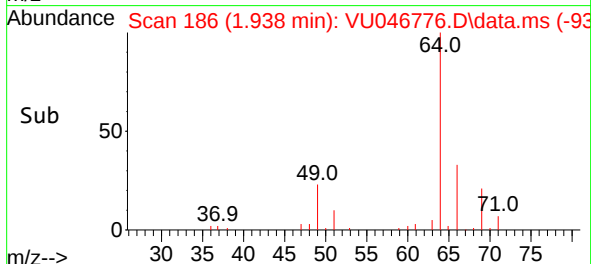
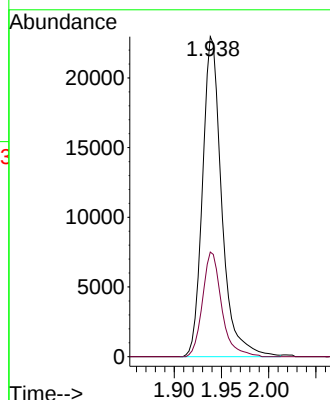
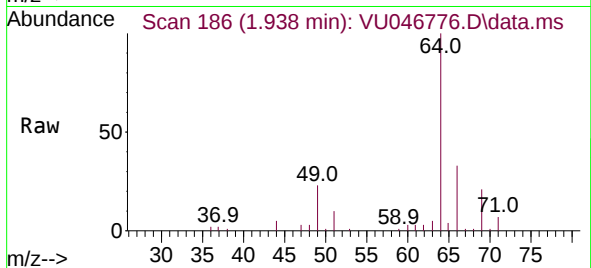




#8
Chloroethane
Concen: 3.549 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

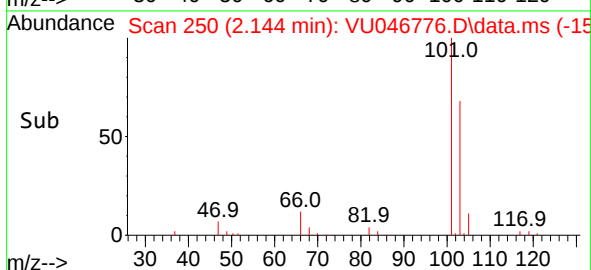
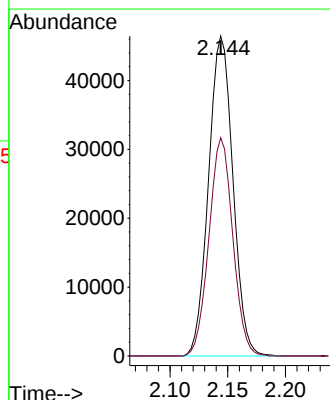
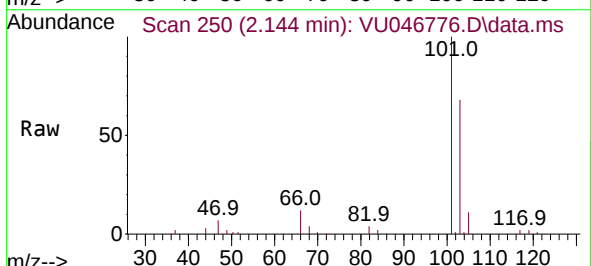
Instrument :
MSVOA_U
ClientSampleId :

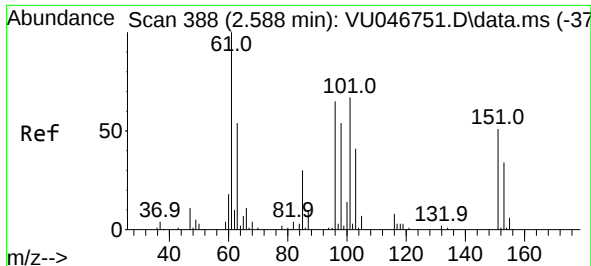
Tgt Ion: 64 Resp: 32472
Ion Ratio Lower Upper
64 100
66 32.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 3.349 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

Tgt Ion:101 Resp: 68178
Ion Ratio Lower Upper
101 100
103 66.7 51.5 77.3





#10

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

Concen: 3.863 ug/L

RT: 2.584 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

Instrument :

MSVOA_U

ClientSampleId :

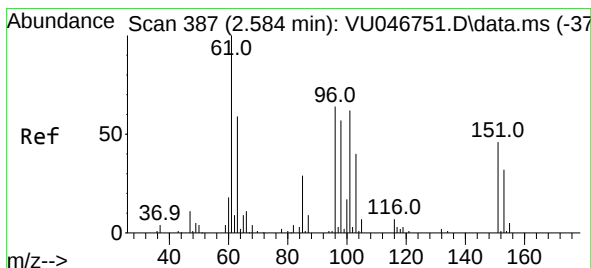
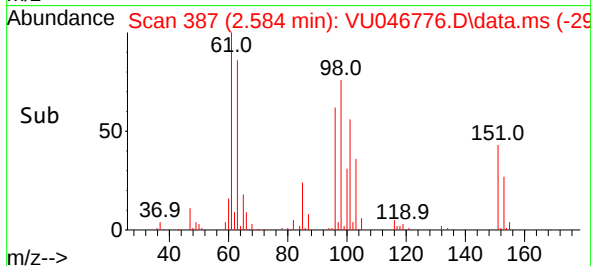
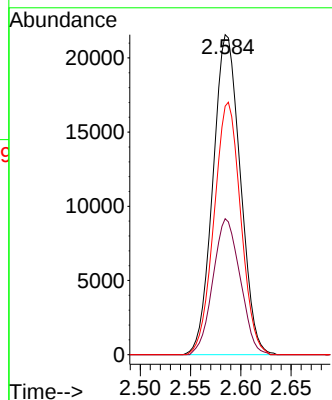
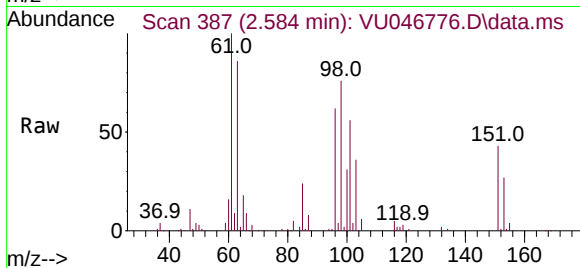
Tgt Ion:101 Resp: 40829

Ion Ratio Lower Upper

101 100

85 42.2 34.6 51.8

151 77.0 56.1 84.1



#12

1,1-Dichloroethene

Concen: 3.703 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

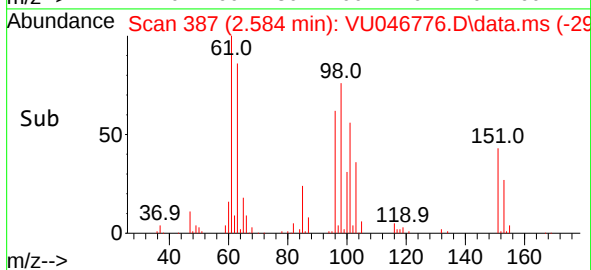
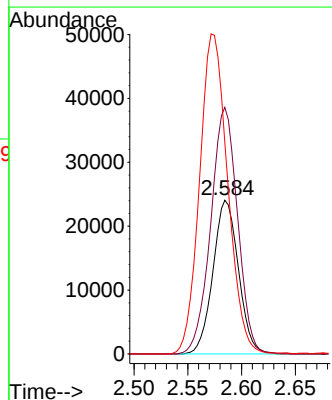
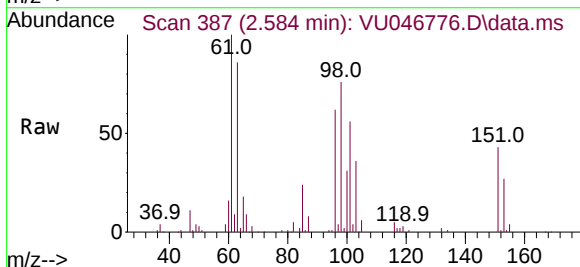
Tgt Ion: 96 Resp: 39651

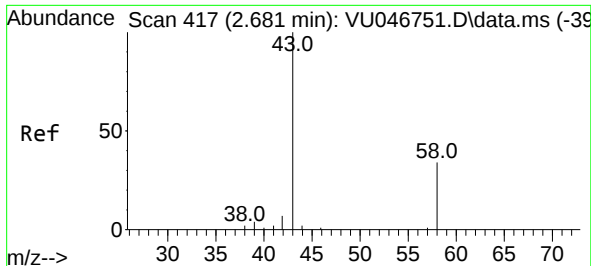
Ion Ratio Lower Upper

96 100

61 160.4 124.7 231.5

63 137.4 105.2 195.4





#13

Acetone

Concen: 12.332 ug/L

RT: 2.681 min Scan# 417

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

Instrument :

MSVOA_U

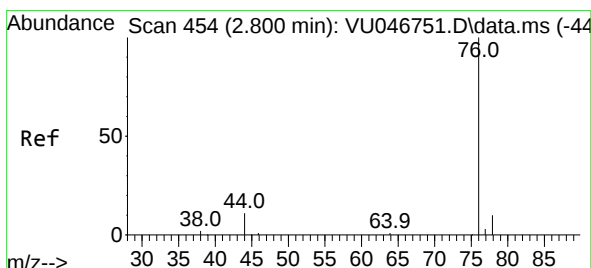
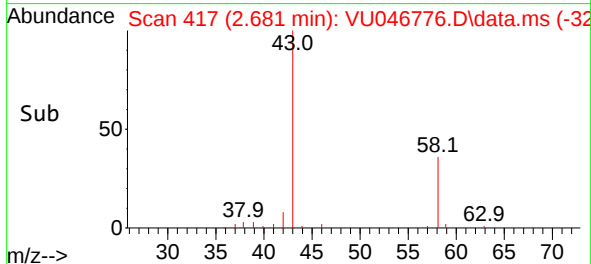
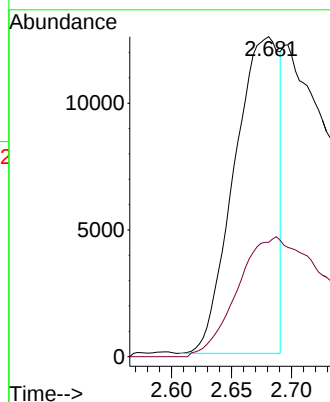
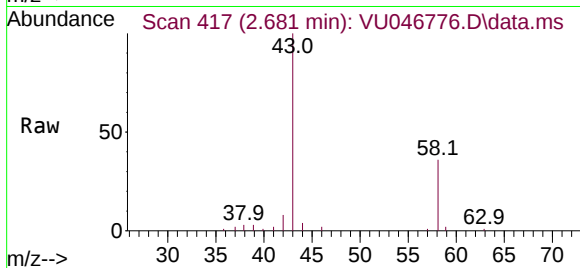
ClientSampleId :

Tgt Ion: 43 Resp: 32369

Ion Ratio Lower Upper

43 100

58 78.5 0.0 71.6#



#14

Carbon disulfide

Concen: 3.659 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046776.D

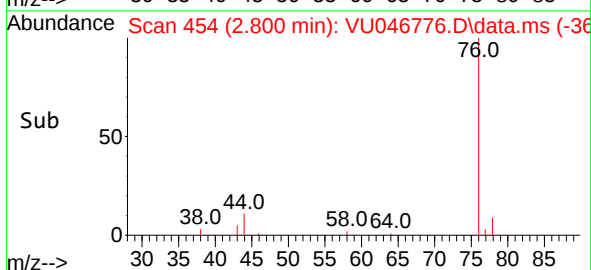
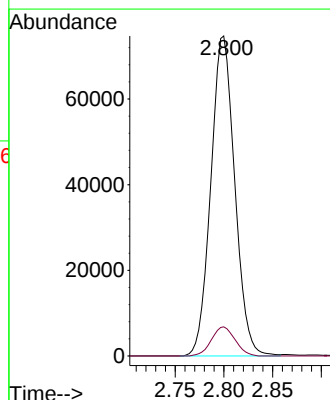
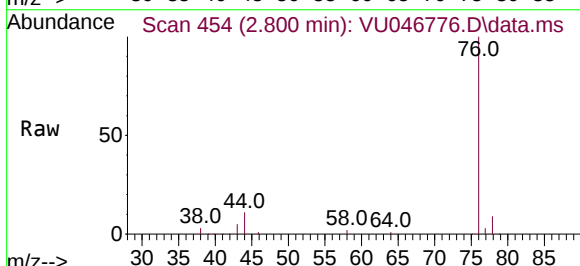
Acq: 18 Jan 2022 11:42

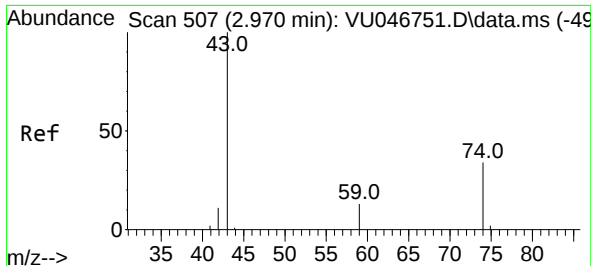
Tgt Ion: 76 Resp: 127547

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

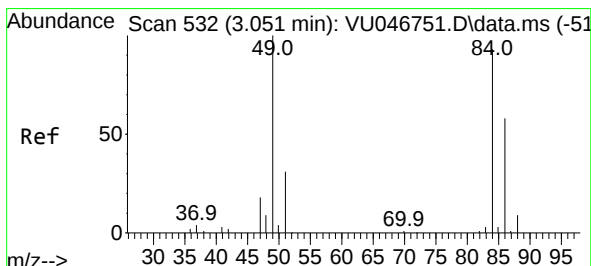
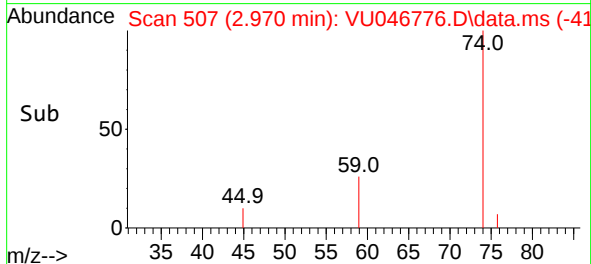
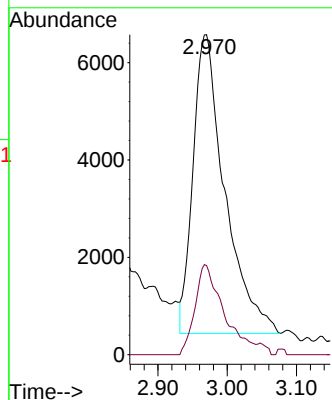
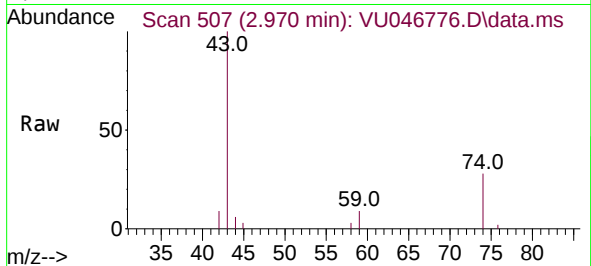




#15
Methyl Acetate
Concen: 3.800 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

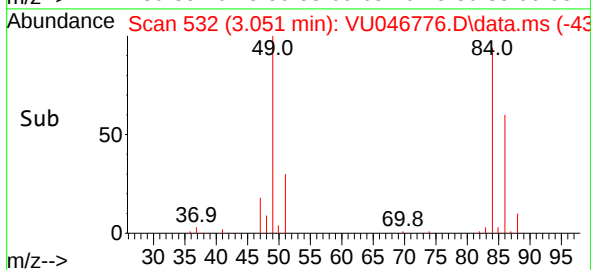
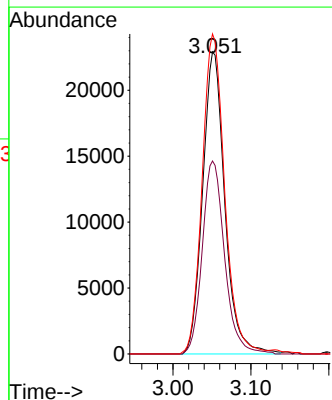
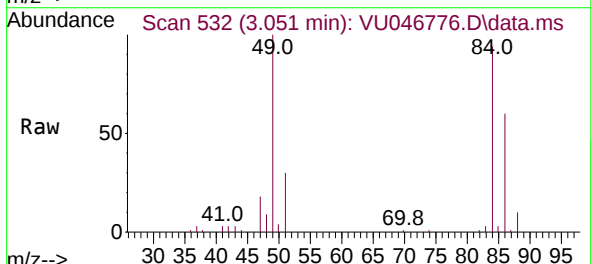
Instrument :
MSVOA_U
ClientSampleId :

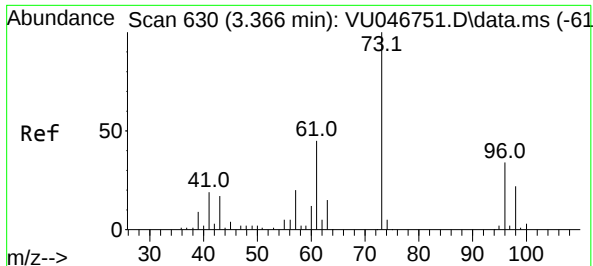
Tgt Ion: 43 Resp: 19563
Ion Ratio Lower Upper
43 100
74 27.2 19.1 28.7



#16
Methylene chloride
Concen: 3.478 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

Tgt Ion: 84 Resp: 45215
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.0
49 105.9 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 3.593 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

Instrument :

MSVOA_U

ClientSampleId :

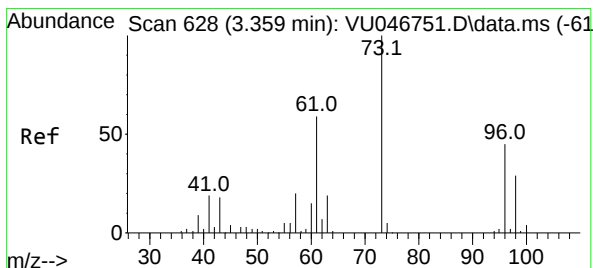
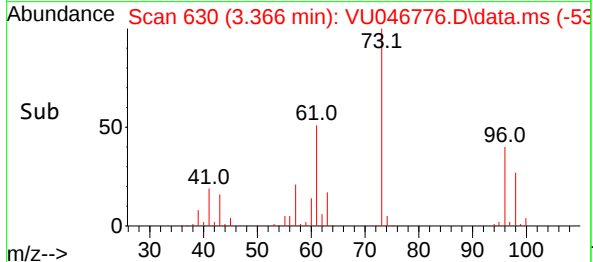
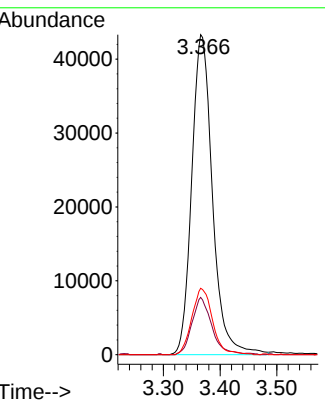
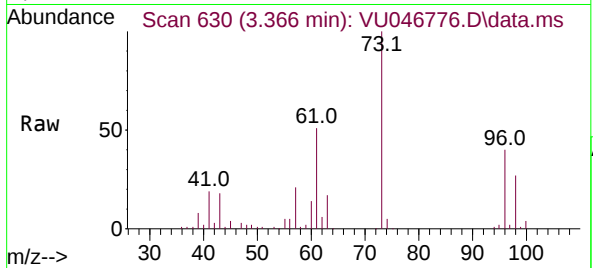
Tgt Ion: 73 Resp: 110067

Ion Ratio Lower Upper

73 100

43 17.0 14.8 22.2

57 20.7 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 3.670 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

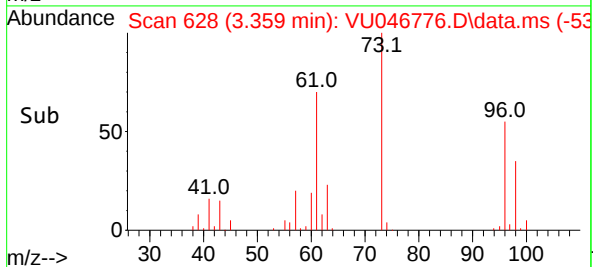
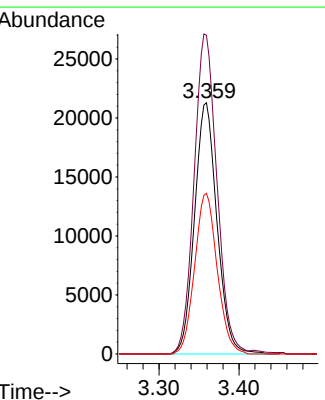
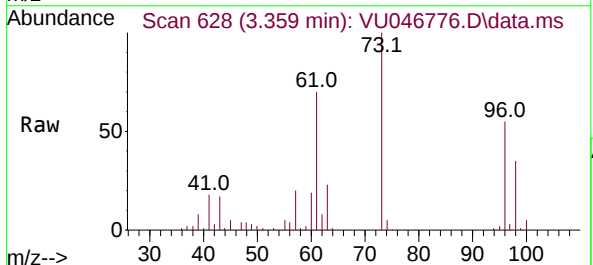
Tgt Ion: 96 Resp: 41614

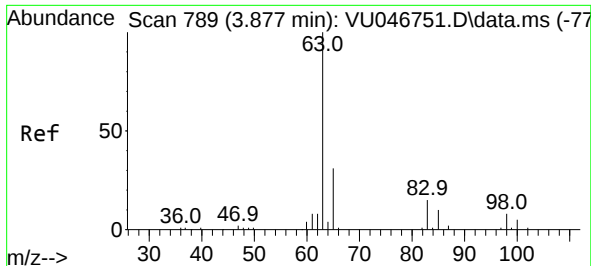
Ion Ratio Lower Upper

96 100

61 126.9 100.8 187.2

98 63.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 3.476 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

Instrument :

MSVOA_U

ClientSampleId :

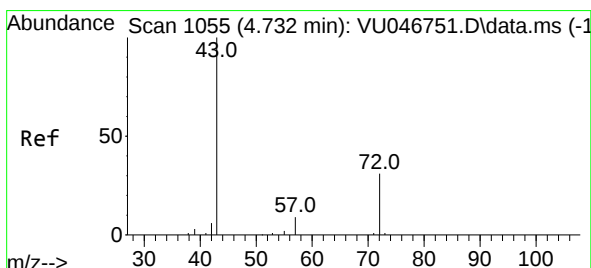
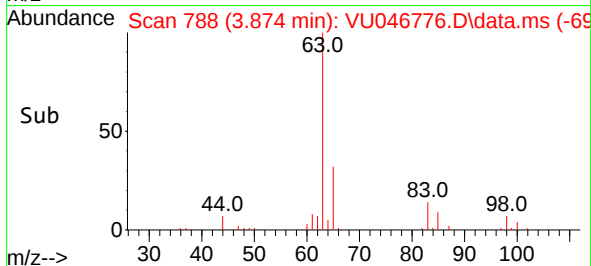
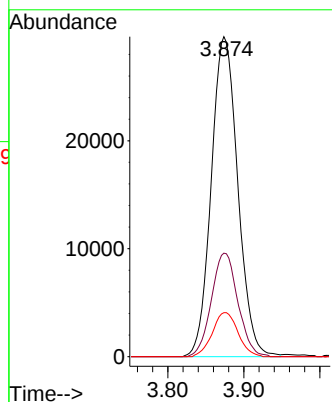
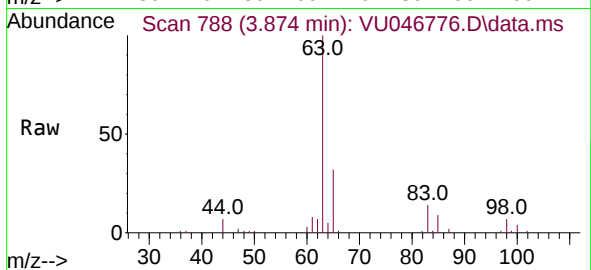
Tgt Ion: 63 Resp: 71830

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.5

83 13.7 9.6 17.8



#21

2-Butanone

Concen: 37.319 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VU046776.D

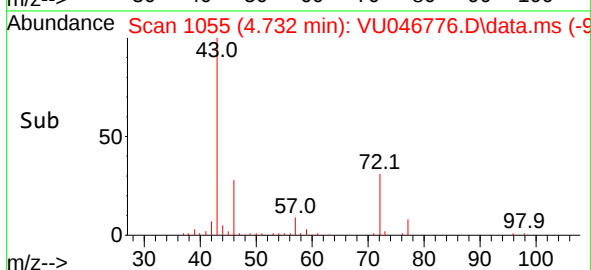
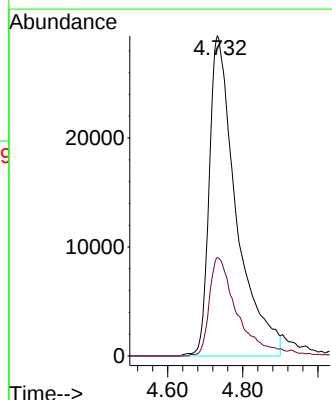
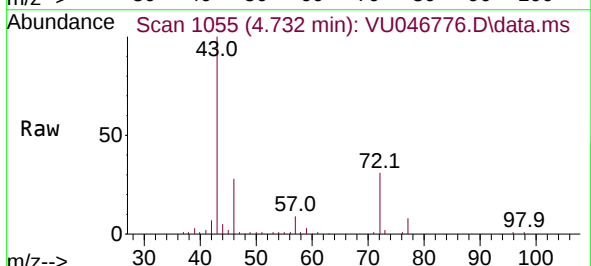
Acq: 18 Jan 2022 11:42

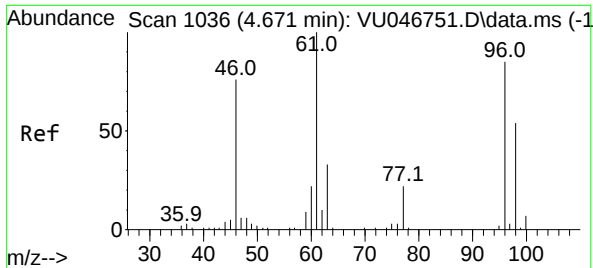
Tgt Ion: 43 Resp: 146732

Ion Ratio Lower Upper

43 100

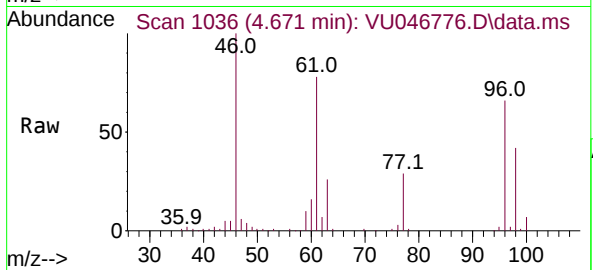
72 31.1 14.1 42.3



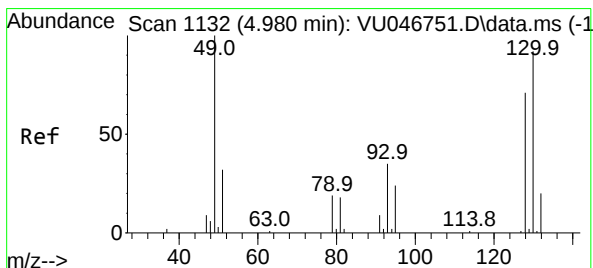
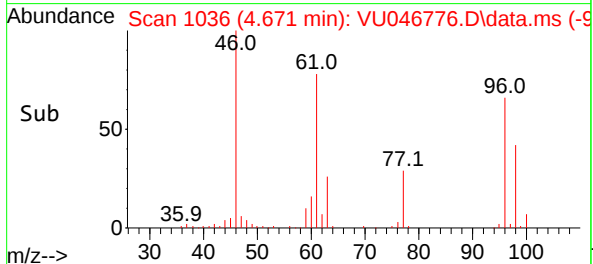
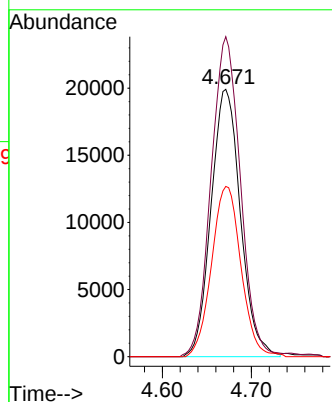


#22
 cis-1,2-Dichloroethene
 Concen: 3.677 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU046776.D
 Acq: 18 Jan 2022 11:42

Instrument :
 MSVOA_U
 ClientSampleId :

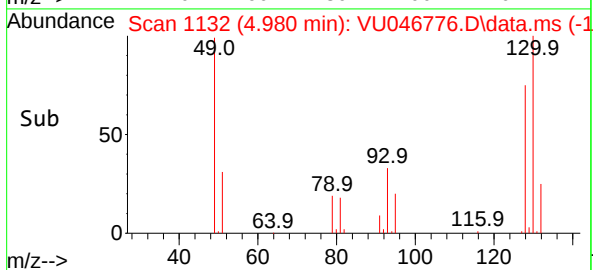
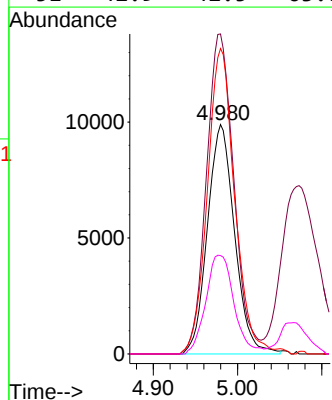
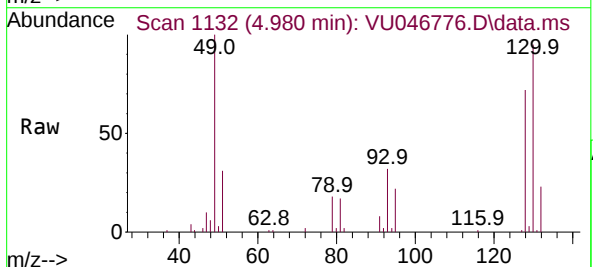


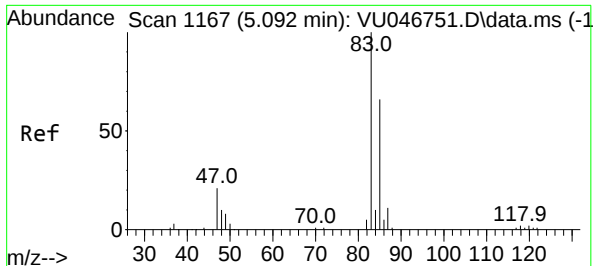
Tgt Ion: 96 Resp: 45619
 Ion Ratio Lower Upper
 96 100
 61 119.7 88.5 164.3
 98 63.7 44.4 82.5



#23
 Bromochloromethane
 Concen: 3.603 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU046776.D
 Acq: 18 Jan 2022 11:42

Tgt Ion: 128 Resp: 22146
 Ion Ratio Lower Upper
 128 100
 49 139.4 117.0 217.2
 130 133.1 88.2 163.8
 51 42.9 42.5 63.7





#25

Chloroform

Concen: 4.215 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

Instrument :

MSVOA_U

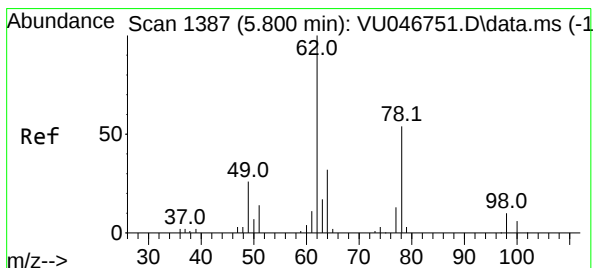
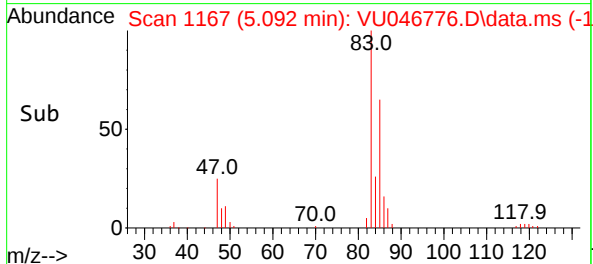
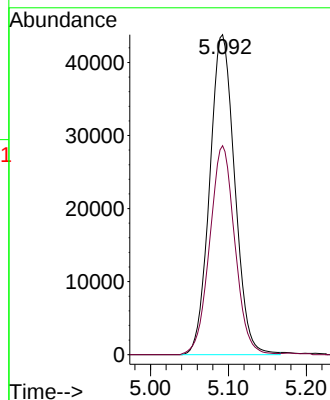
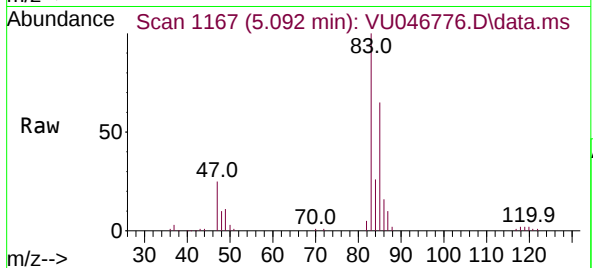
ClientSampleId :

Tgt Ion: 83 Resp: 97707

Ion Ratio Lower Upper

83 100

85 65.3 46.9 87.1



#27

1,2-Dichloroethane

Concen: 3.214 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU046776.D

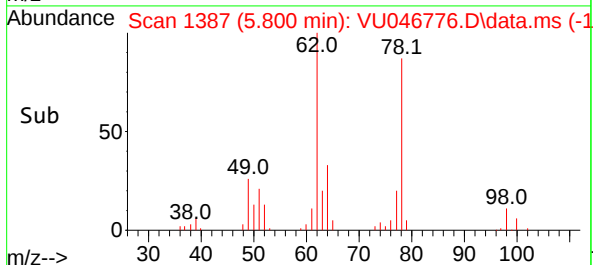
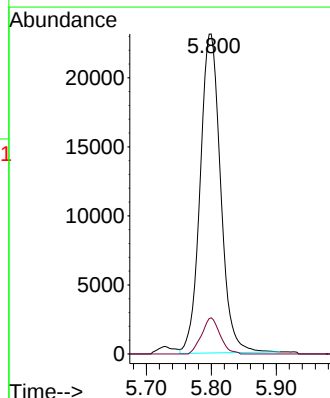
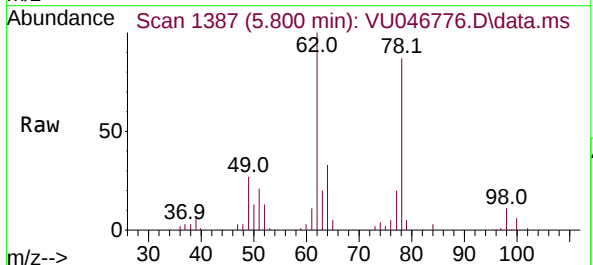
Acq: 18 Jan 2022 11:42

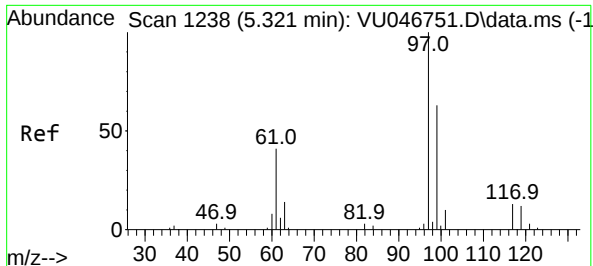
Tgt Ion: 62 Resp: 50626

Ion Ratio Lower Upper

62 100

98 11.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 3.256 ug/L

RT: 5.317 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

Instrument :

MSVOA_U

ClientSampleId :

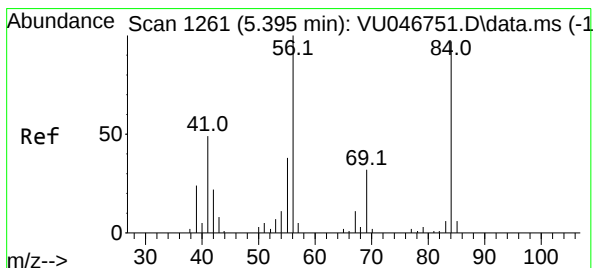
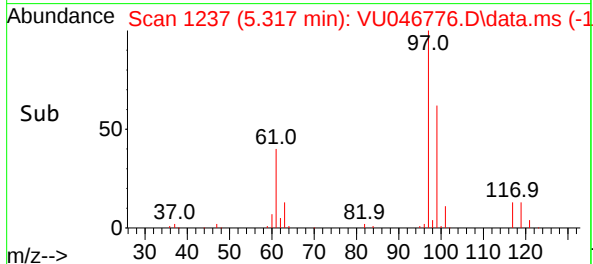
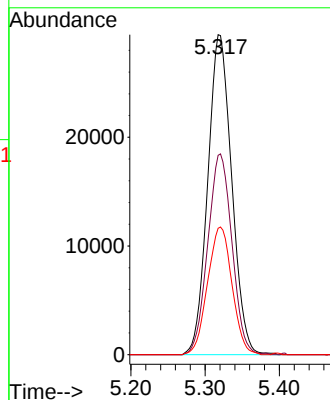
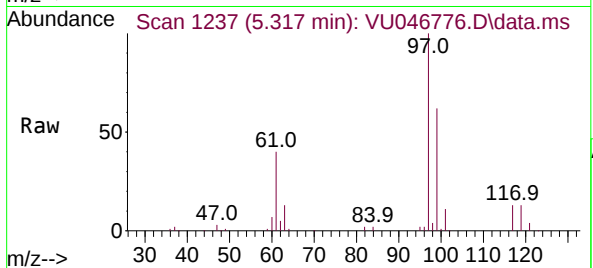
Tgt Ion: 97 Resp: 66032

Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

61 40.7 36.1 54.1



#30

Cyclohexane

Concen: 3.877 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

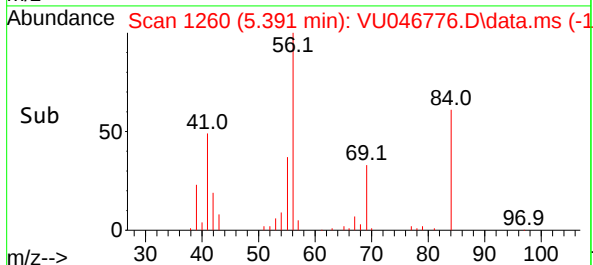
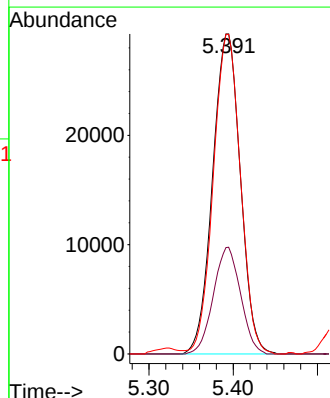
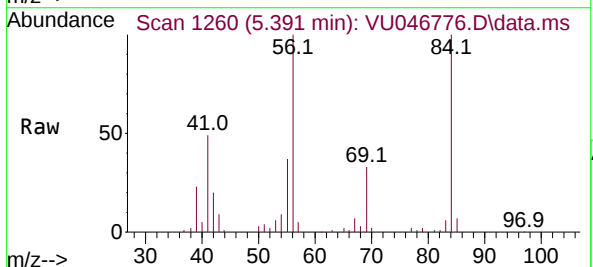
Tgt Ion: 56 Resp: 66833

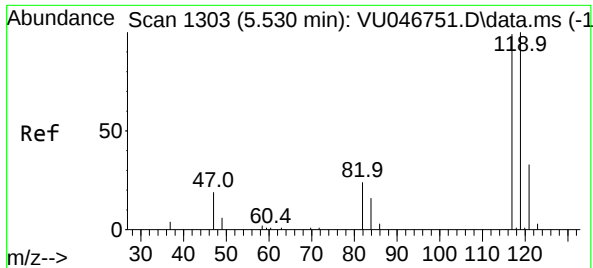
Ion Ratio Lower Upper

56 100

69 32.7 24.7 37.1

84 97.8 71.8 107.6

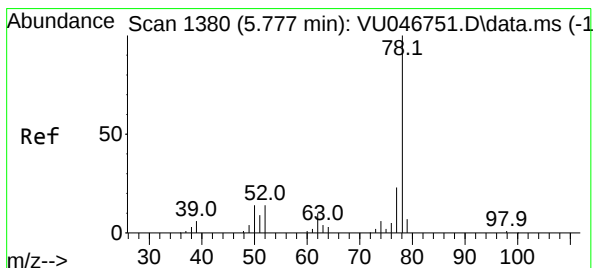
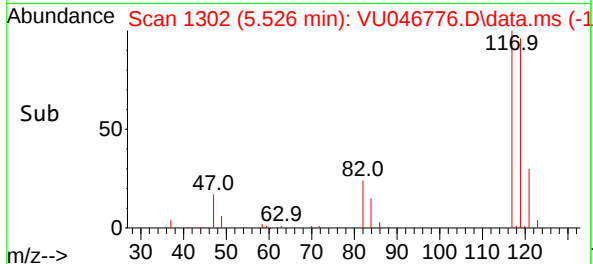
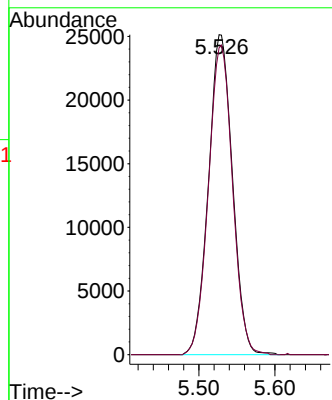
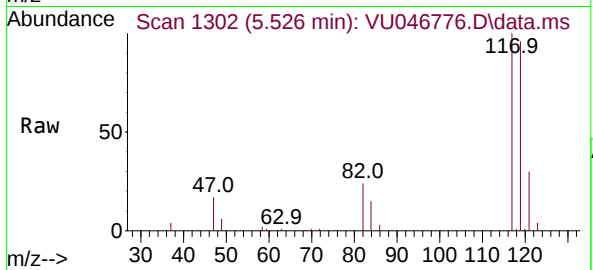




#31
Carbon tetrachloride
Concen: 3.233 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

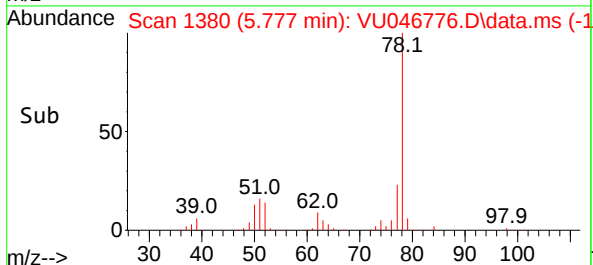
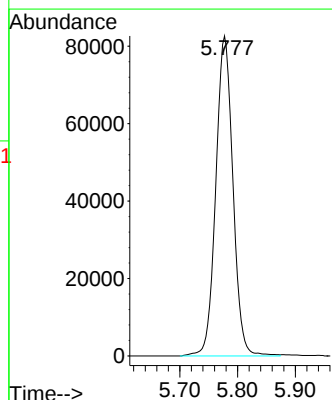
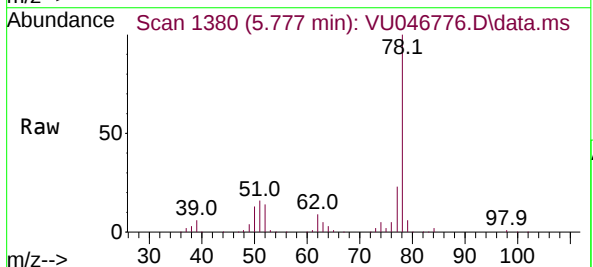
Instrument :
MSVOA_U
ClientSampleId :

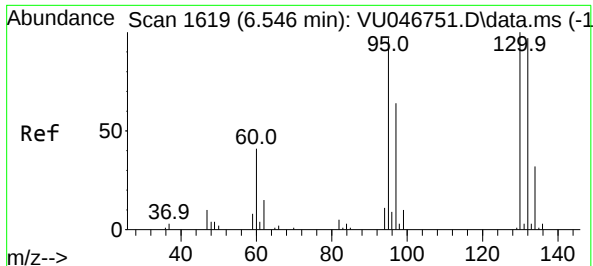
Tgt Ion:117 Resp: 55180
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3



#33
Benzene
Concen: 3.466 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

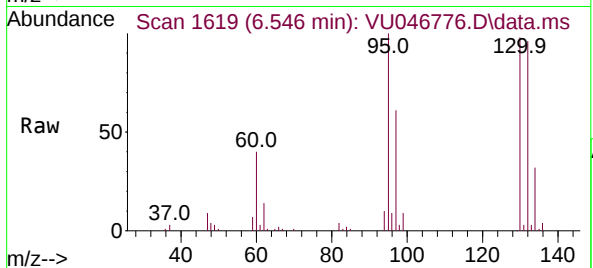
Tgt Ion: 78 Resp: 170428



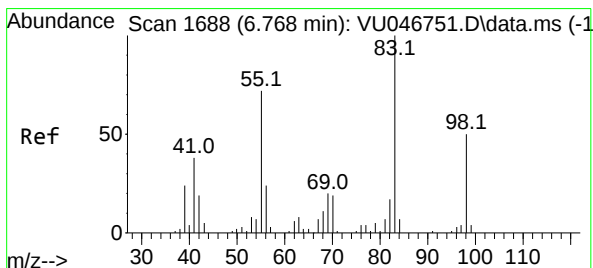
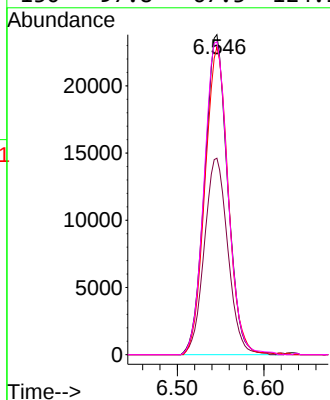
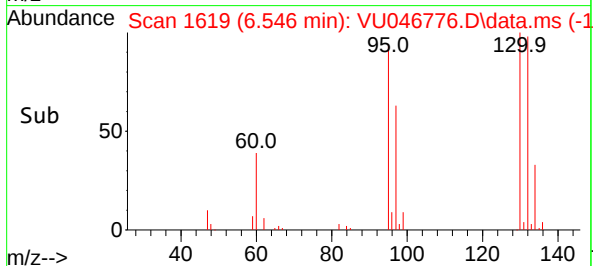


#34
Trichloroethene
Concen: 3.390 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

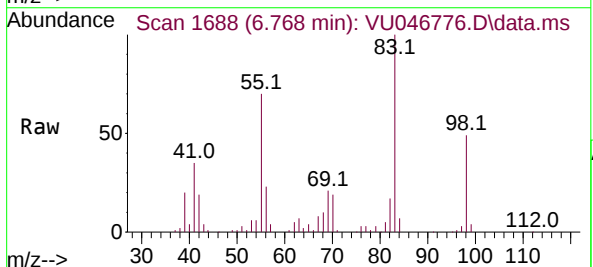
Instrument :
MSVOA_U
ClientSampleId :



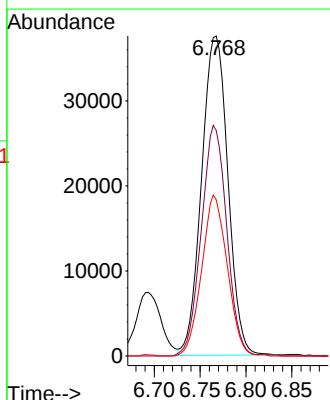
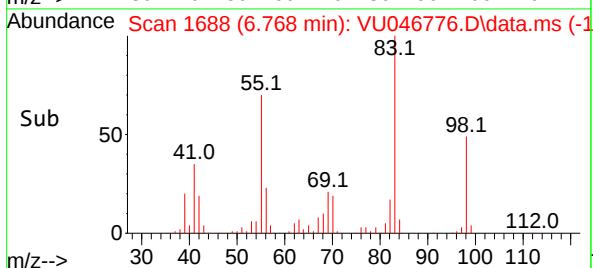
Tgt Ion: 95 Resp: 44089
Ion Ratio Lower Upper
95 100
97 61.4 46.5 86.5
132 96.1 65.1 120.9
130 97.8 67.3 124.9

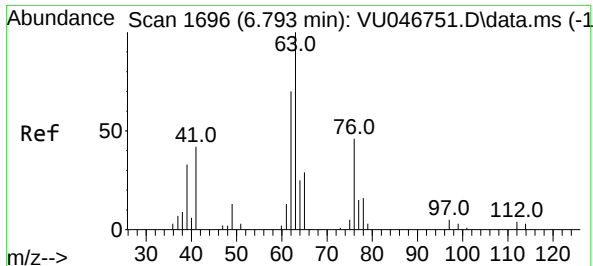


#35
Methylcyclohexane
Concen: 4.013 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42



Tgt Ion: 83 Resp: 75115
Ion Ratio Lower Upper
83 100
55 69.5 61.9 92.9
98 49.0 39.0 58.6





#37

1,2-Dichloropropane

Concen: 3.395 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

Instrument :

MSVOA_U

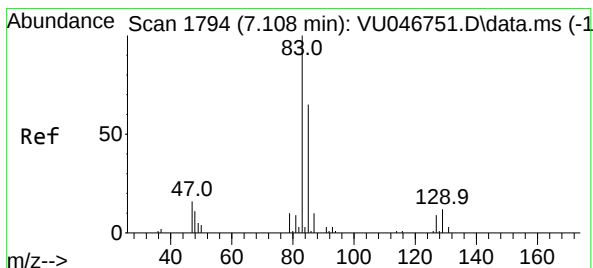
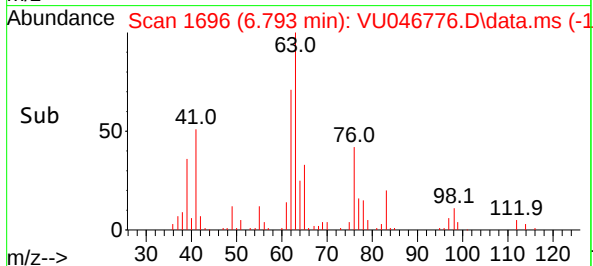
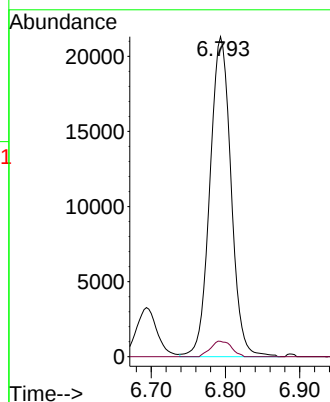
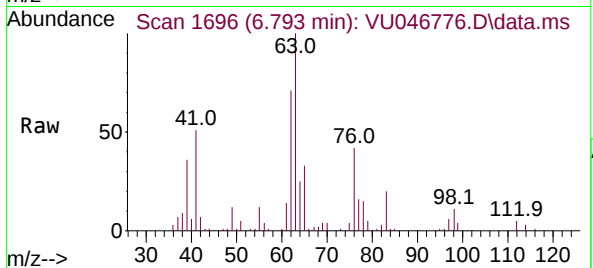
ClientSampleId :

Tgt Ion: 63 Resp: 42091

Ion Ratio Lower Upper

63 100

112 4.8 3.2 4.8#



#38

Bromodichloromethane

Concen: 3.235 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

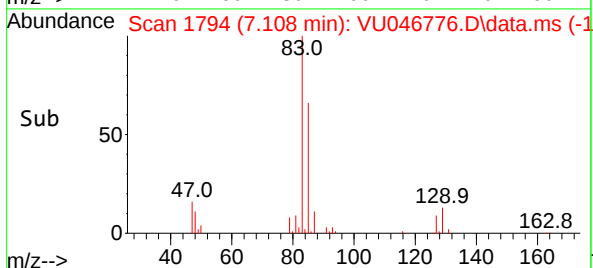
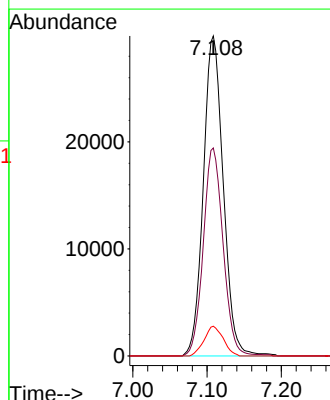
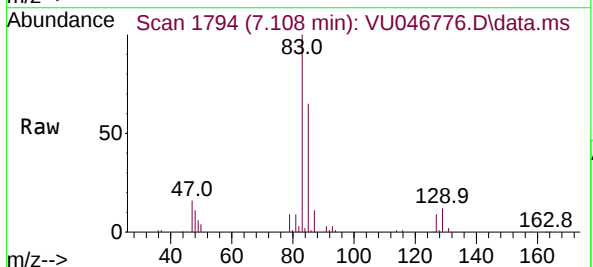
Tgt Ion: 83 Resp: 55866

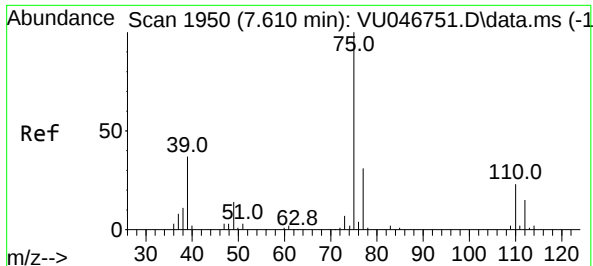
Ion Ratio Lower Upper

83 100

85 65.0 44.0 81.8

127 9.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 3.464 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

Instrument :

MSVOA_U

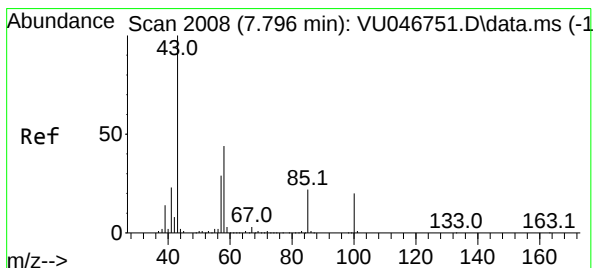
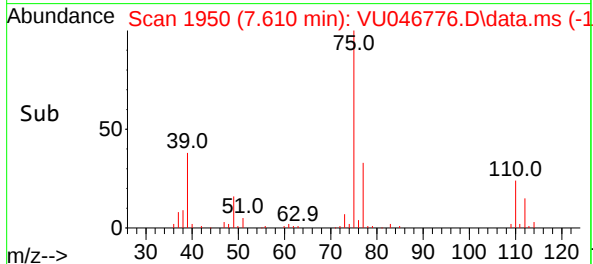
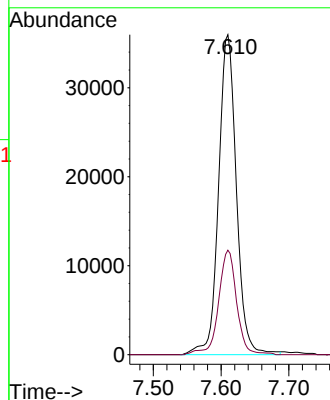
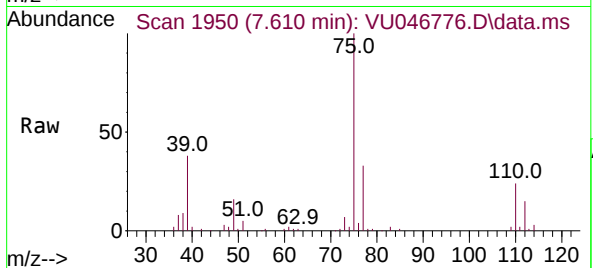
ClientSampleId :

Tgt Ion: 75 Resp: 65748

Ion Ratio Lower Upper

75 100

77 32.6 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 34.565 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

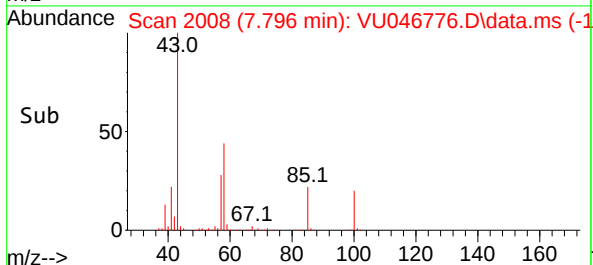
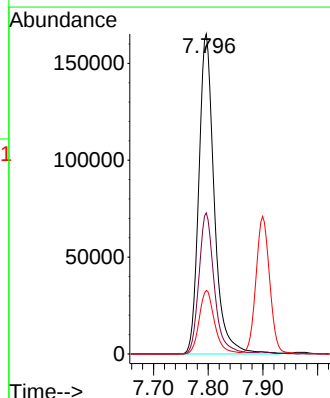
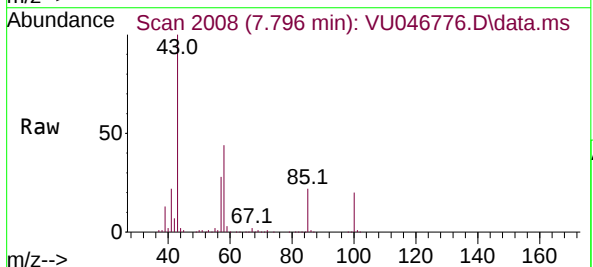
Tgt Ion: 43 Resp: 323116

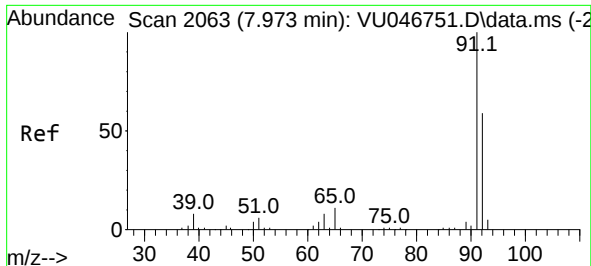
Ion Ratio Lower Upper

43 100

58 44.0 33.1 49.7

100 19.9 13.2 19.8#





#42

Toluene

Concen: 3.660 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

Instrument :

MSVOA_U

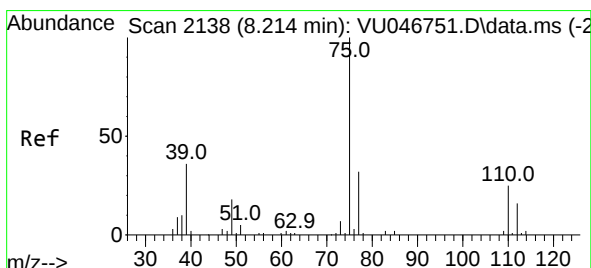
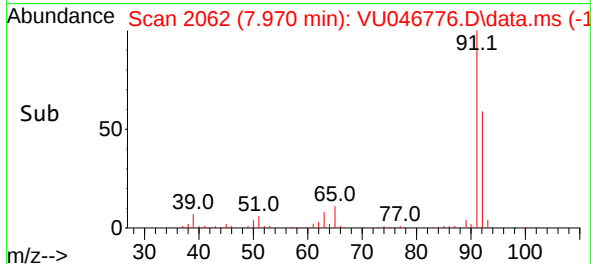
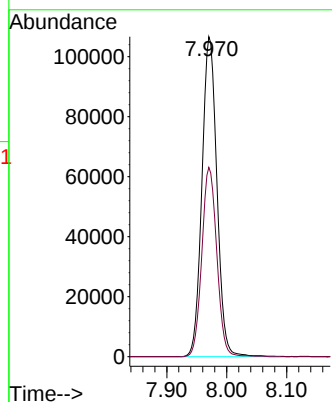
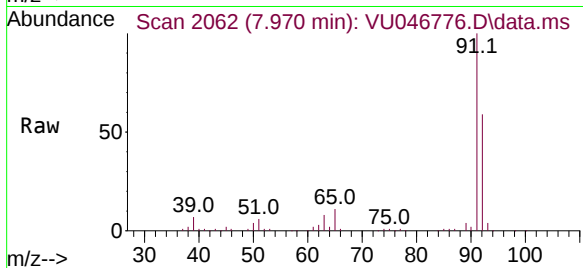
ClientSampleId :

Tgt Ion: 91 Resp: 185891

Ion Ratio Lower Upper

91 100

92 59.2 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 3.375 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU046776.D

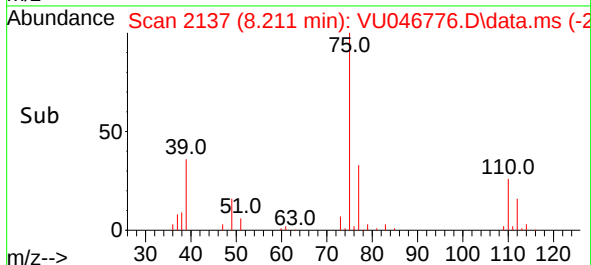
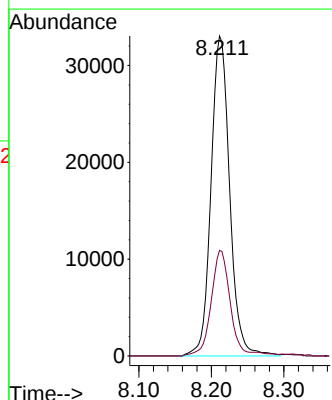
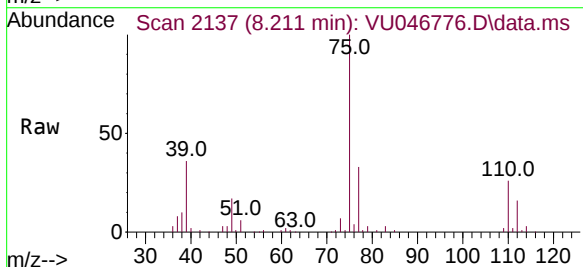
Acq: 18 Jan 2022 11:42

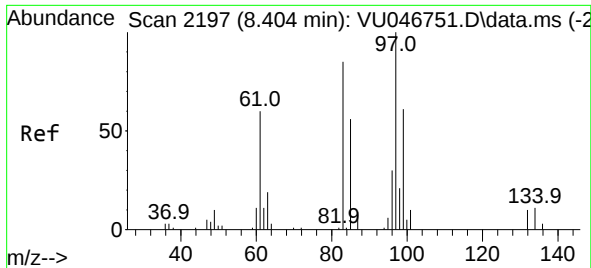
Tgt Ion: 75 Resp: 59135

Ion Ratio Lower Upper

75 100

77 33.0 22.7 42.3

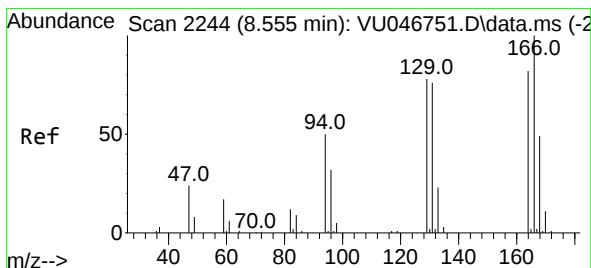
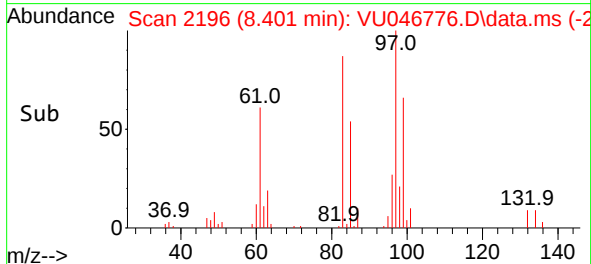
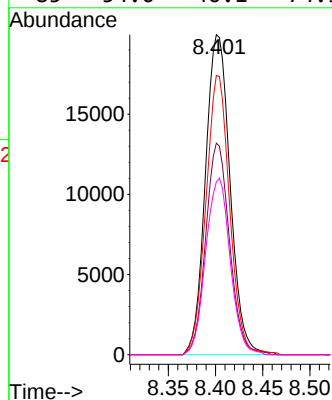
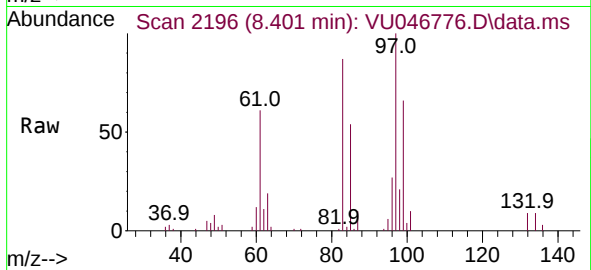




#45
1,1,2-Trichloroethane
Concen: 3.363 ug/L
RT: 8.401 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

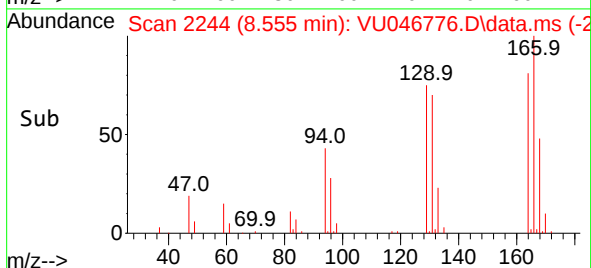
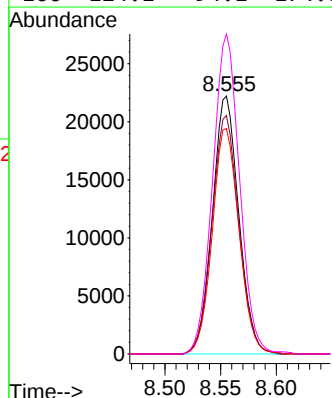
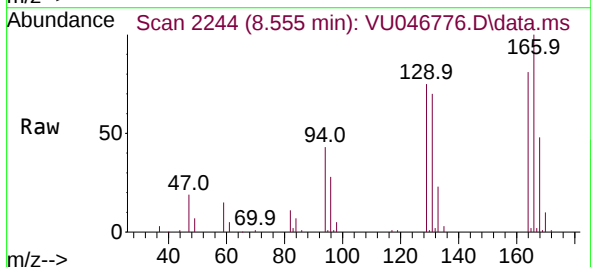
Instrument :
MSVOA_U
ClientSampleId :

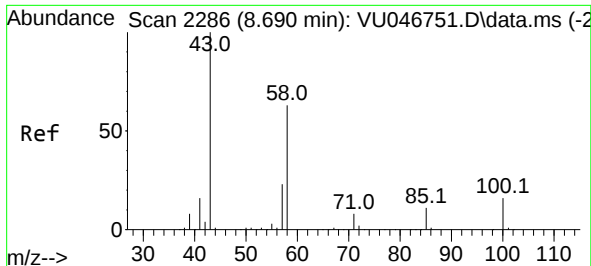
Tgt Ion: 97	Resp: 36220
Ion Ratio	Lower Upper
97 100	
99 66.1	42.3 78.5
83 87.3	62.0 115.2
85 54.0	40.1 74.5



#47
Tetrachloroethene
Concen: 3.858 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

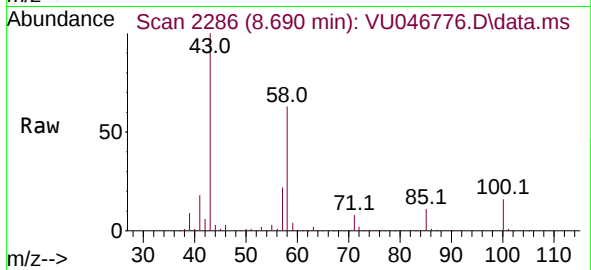
Tgt	Ion:164	Resp:	36480
Ion	Ratio	Lower	Upper
164	100		
129	92.5	71.8	133.4
131	87.4	68.5	127.3
166	124.1	94.1	174.8



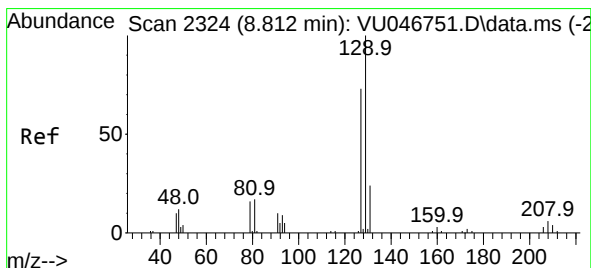
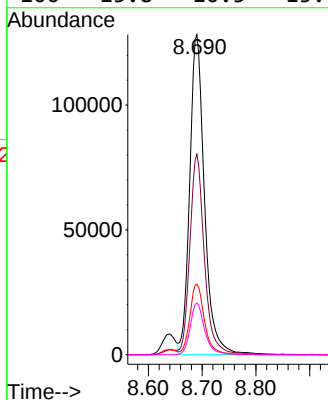
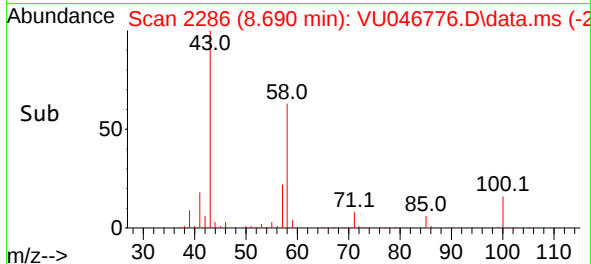


#48
2-Hexanone
Concen: 34.862 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

Instrument :
MSVOA_U
ClientSampleId :

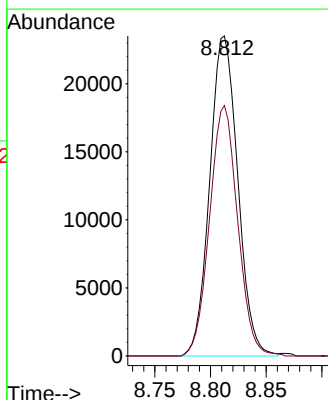
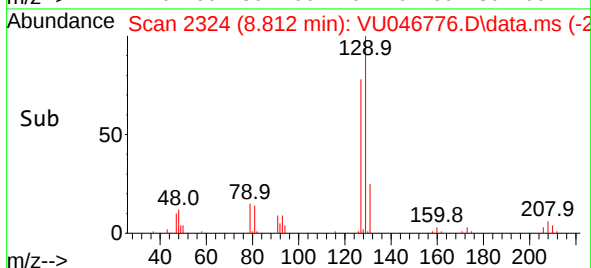
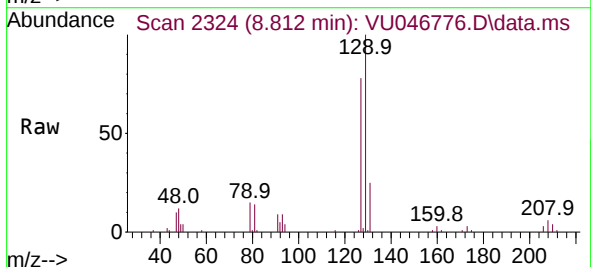


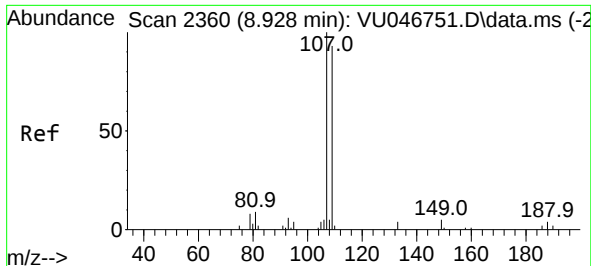
Tgt Ion: 43 Resp: 244992
Ion Ratio Lower Upper
43 100
58 61.2 46.7 70.1
57 22.1 16.3 24.5
100 15.8 10.5 15.7#



#49
Dibromochloromethane
Concen: 3.311 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

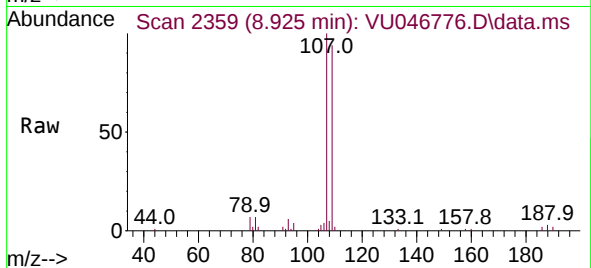
Tgt Ion: 129 Resp: 41227
Ion Ratio Lower Upper
129 100
127 78.3 55.4 102.8



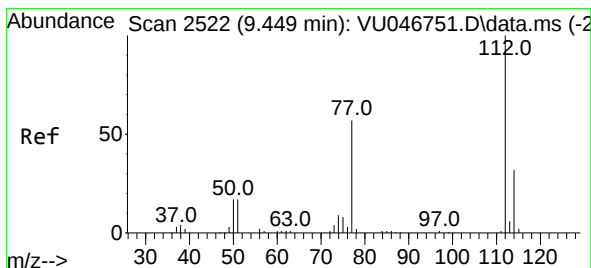
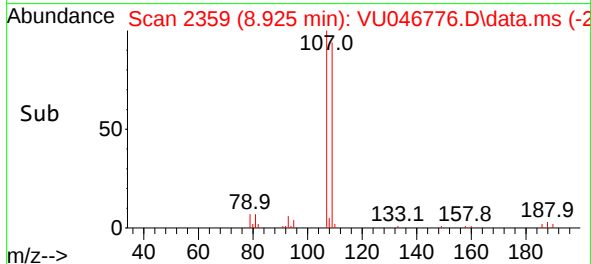
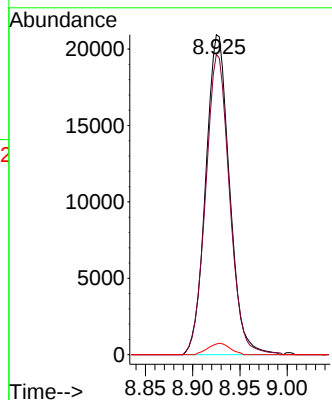


#50
1,2-Dibromoethane
Concen: 3.493 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

Instrument :
MSVOA_U
ClientSampleId :

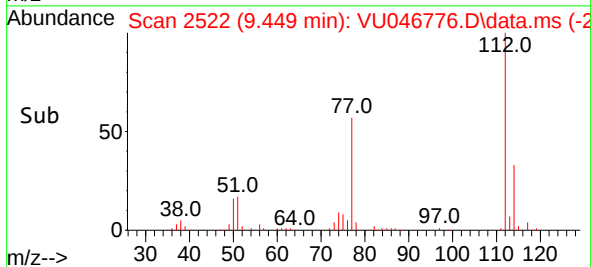
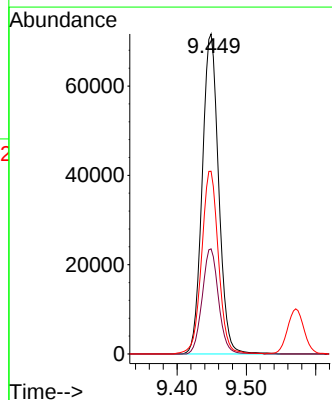
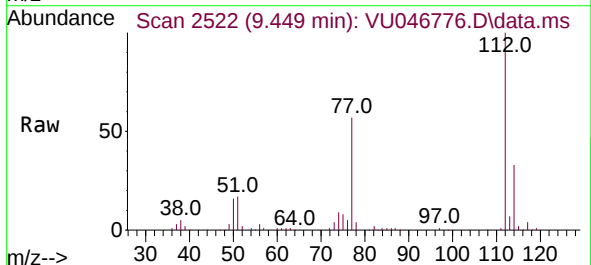


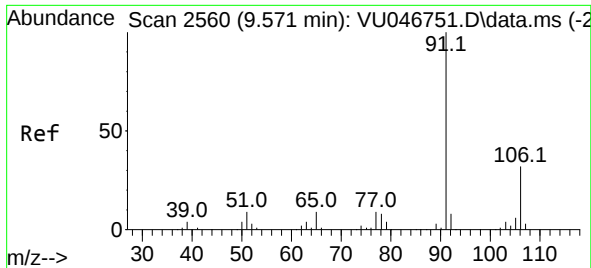
Tgt Ion:107 Resp: 36629
Ion Ratio Lower Upper
107 100
109 93.9 64.0 119.0
188 3.3 2.4 3.6



#51
Chlorobenzene
Concen: 3.597 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

Tgt Ion:112 Resp: 118093
Ion Ratio Lower Upper
112 100
114 32.9 22.1 41.1
77 57.1 48.3 72.5

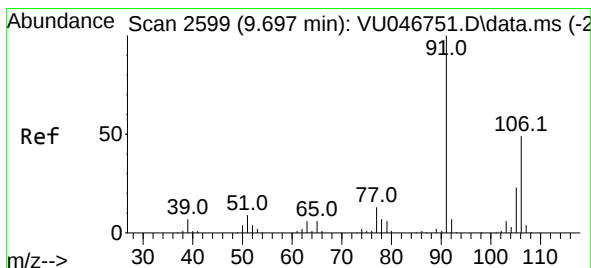
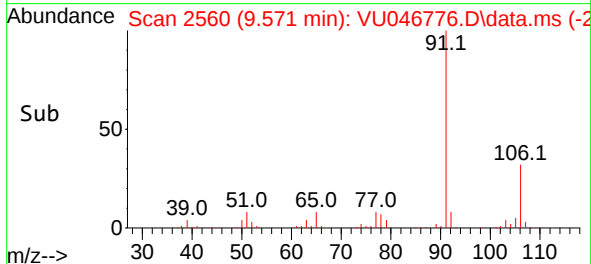
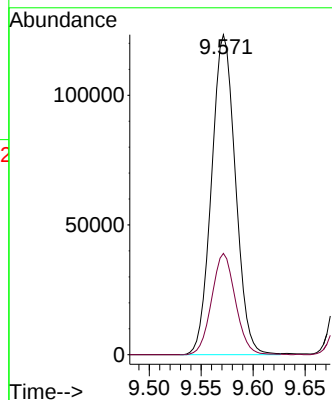
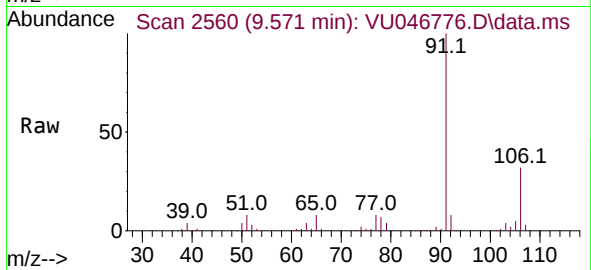




#52
Ethylbenzene
Concen: 3.714 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

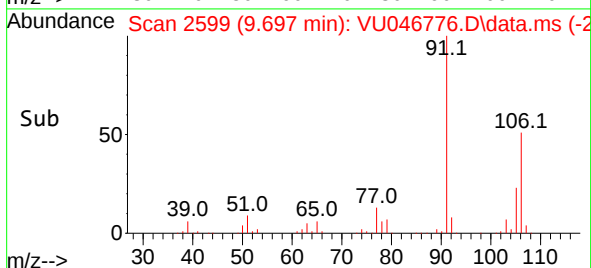
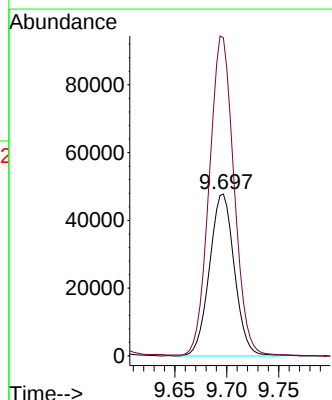
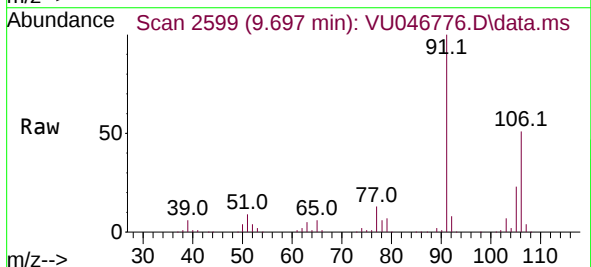
Instrument :
MSVOA_U
ClientSampleId :

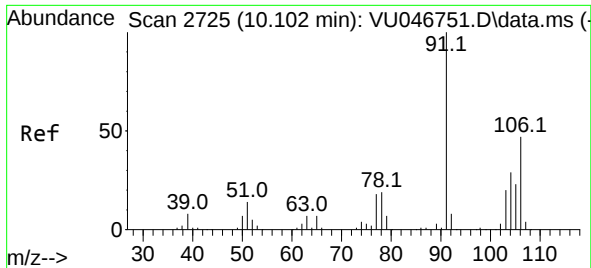
Tgt Ion: 91 Resp: 197218
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9



#53
m,p-Xylene
Concen: 3.897 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

Tgt Ion:106 Resp: 79686
Ion Ratio Lower Upper
106 100
91 196.5 139.4 259.0

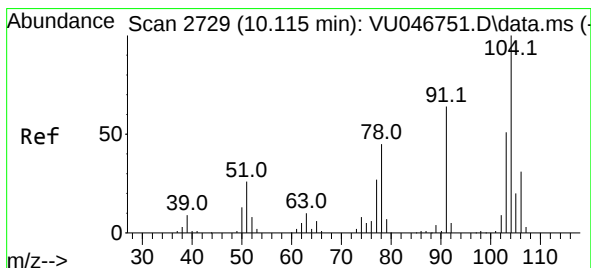
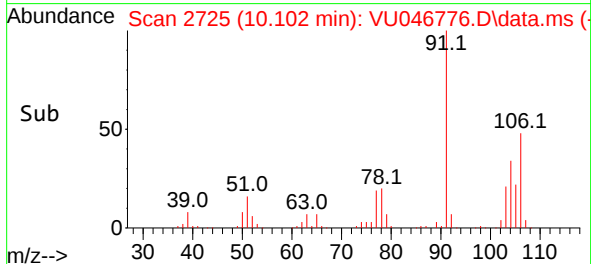
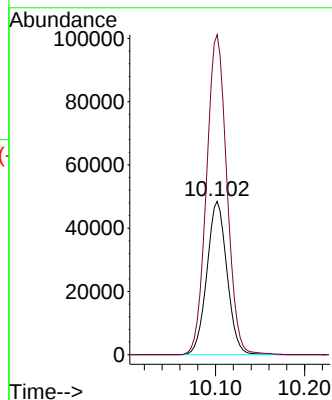
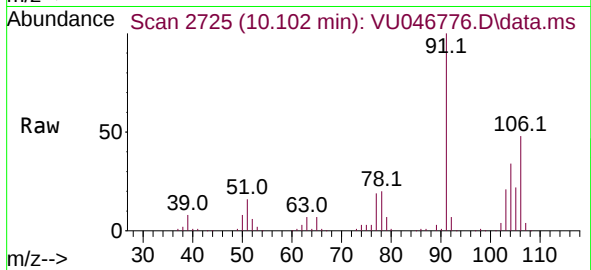




#54
o-Xylene
Concen: 3.882 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

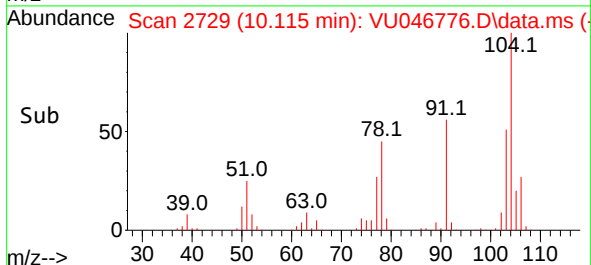
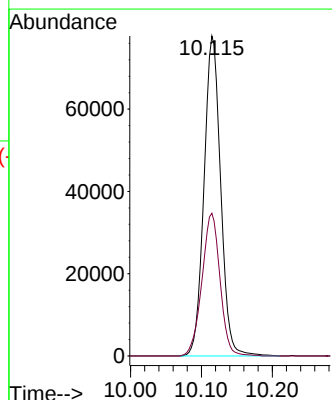
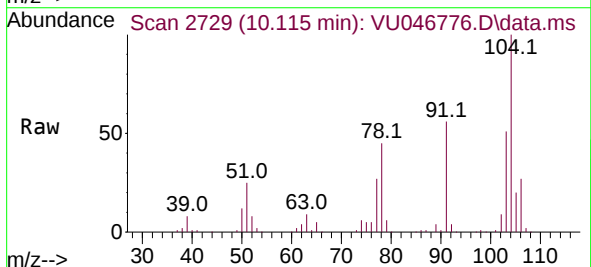
Instrument :
MSVOA_U
ClientSampleId :

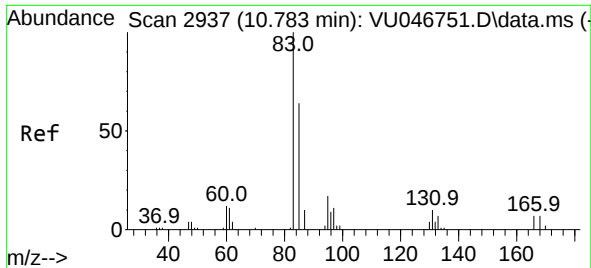
Tgt Ion:106 Resp: 75723
Ion Ratio Lower Upper
106 100
91 208.7 147.5 273.9



#55
Styrene
Concen: 3.784 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

Tgt Ion:104 Resp: 127243
Ion Ratio Lower Upper
104 100
78 44.6 33.0 61.4

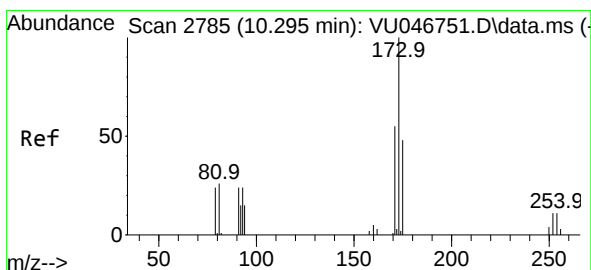
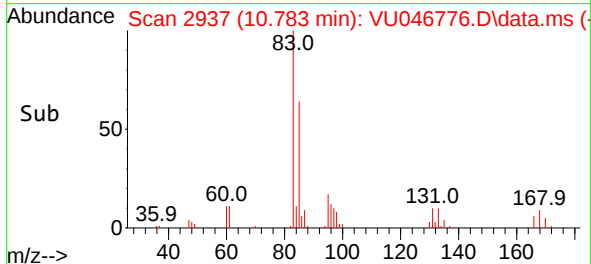
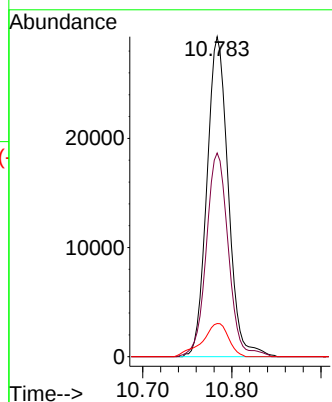
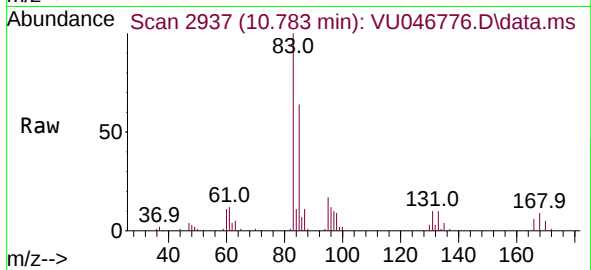




#57
1,1,2,2-Tetrachloroethane
Concen: 3.417 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

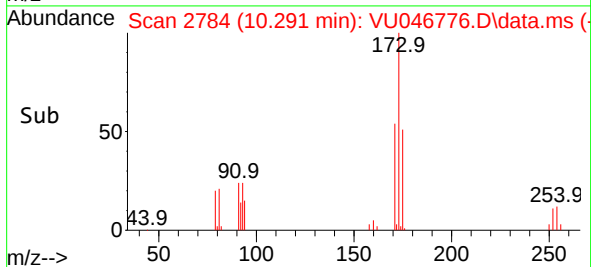
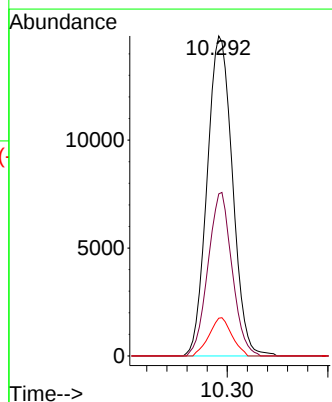
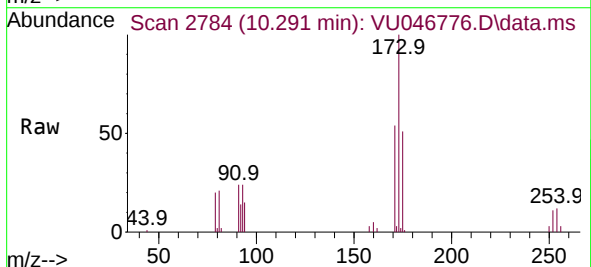
Instrument :
MSVOA_U
ClientSampleId :

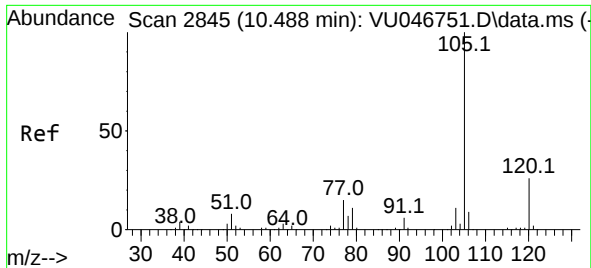
Tgt Ion: 83 Resp: 48680
Ion Ratio Lower Upper
83 100
85 63.7 47.9 89.1
131 10.3 8.1 12.1



#59
Bromoform
Concen: 3.217 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

Tgt Ion:173 Resp: 25966
Ion Ratio Lower Upper
173 100
175 48.4 37.8 56.6
254 10.7 7.3 10.9

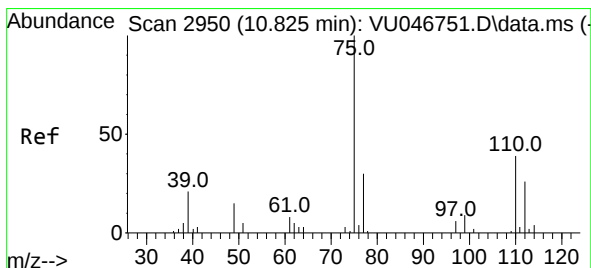
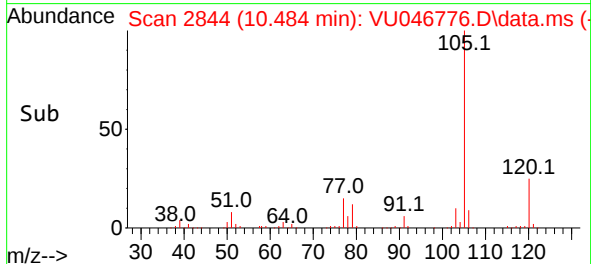
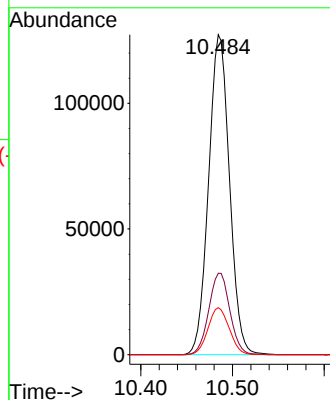
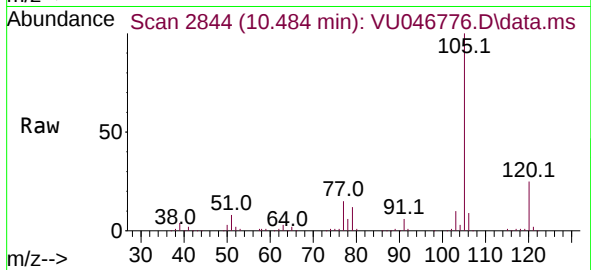




#60
Isopropylbenzene
Concen: 3.679 ug/L
RT: 10.484 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

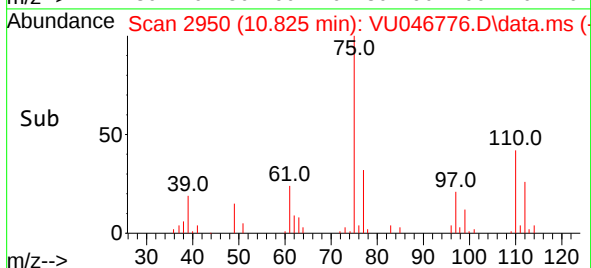
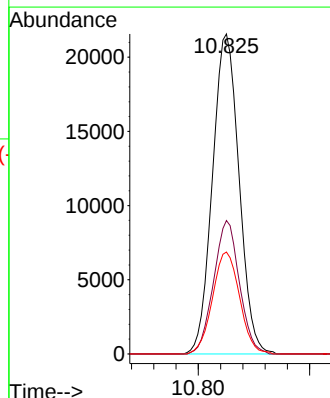
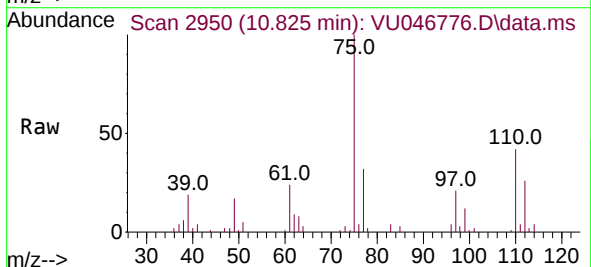
Instrument :
MSVOA_U
ClientSampleId :

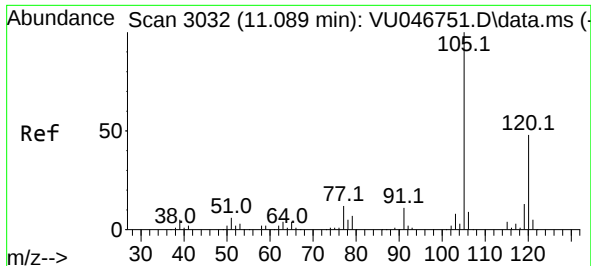
Tgt Ion:105 Resp: 201337
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 15.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 3.074 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

Tgt Ion: 75 Resp: 35686
Ion Ratio Lower Upper
75 100
110 40.5 29.9 44.9
77 32.6 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 3.637 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

Instrument :

MSVOA_U

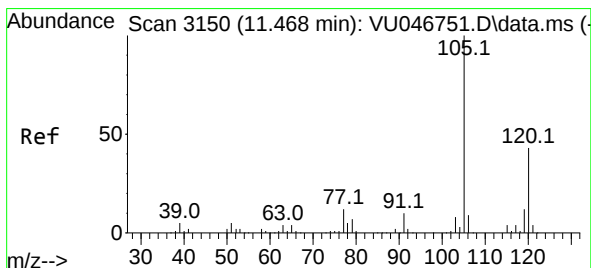
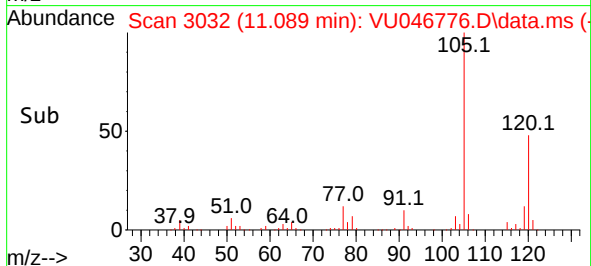
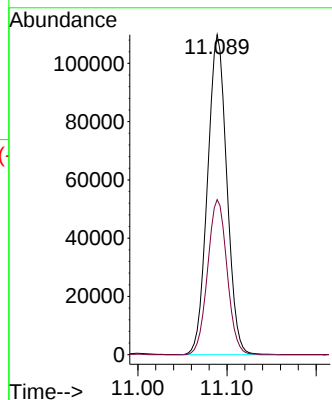
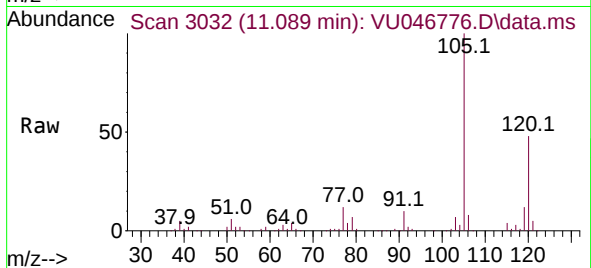
ClientSampleId :

Tgt Ion:105 Resp: 164811

Ion Ratio Lower Upper

105 100

120 48.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 3.736 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046776.D

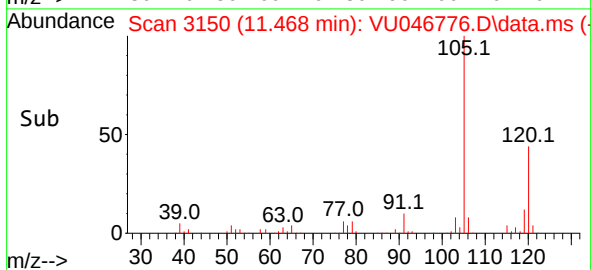
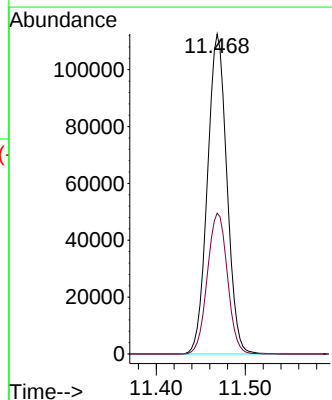
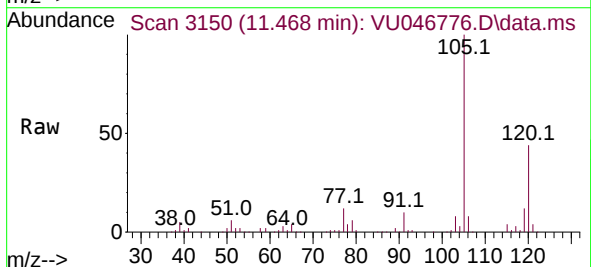
Acq: 18 Jan 2022 11:42

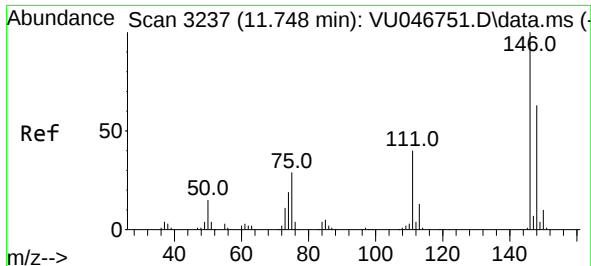
Tgt Ion:105 Resp: 170756

Ion Ratio Lower Upper

105 100

120 45.3 35.8 53.8

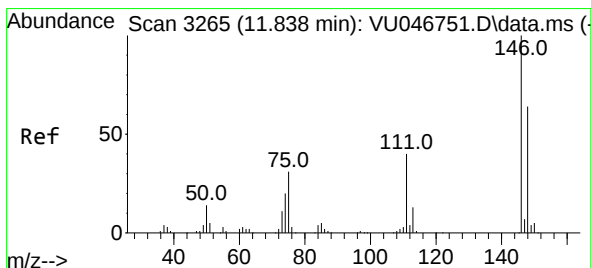
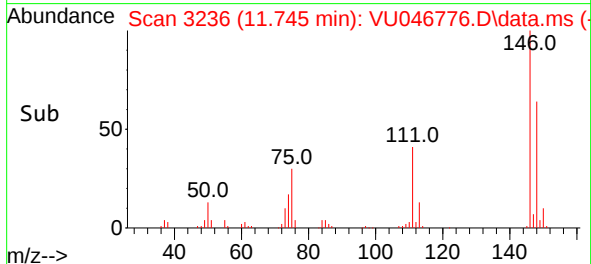
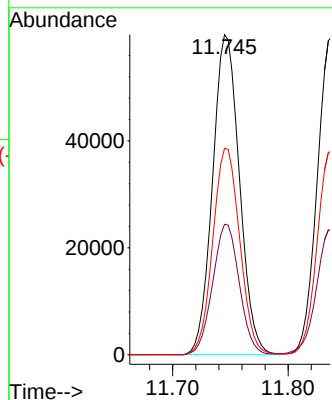
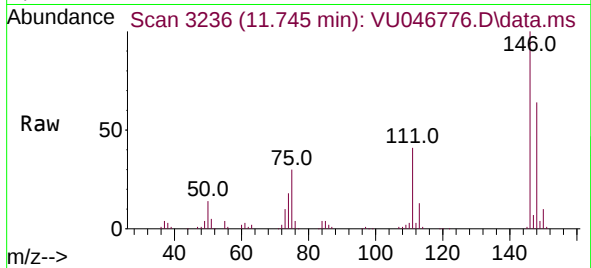




#64
1,3-Dichlorobenzene
Concen: 3.605 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

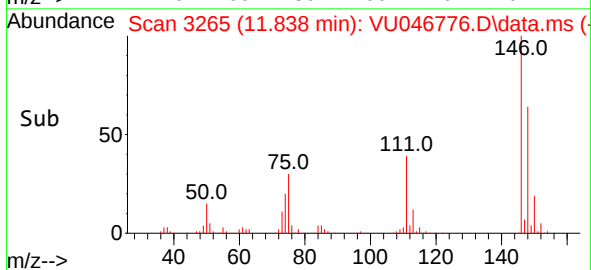
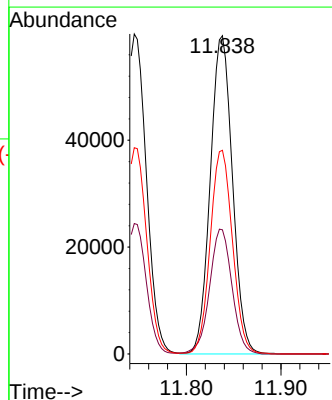
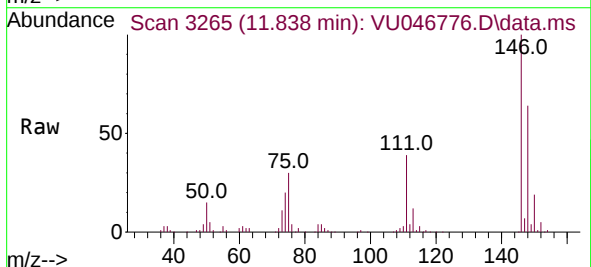
Instrument :
MSVOA_U
ClientSampleId :

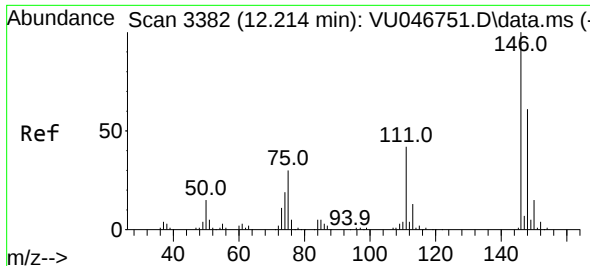
Tgt Ion:146 Resp: 96820
Ion Ratio Lower Upper
146 100
111 40.8 29.9 55.5
148 64.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 3.532 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

Tgt Ion:146 Resp: 97218
Ion Ratio Lower Upper
146 100
111 39.0 28.7 53.3
148 64.0 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 3.490 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

Instrument :

MSVOA_U

ClientSampleId :

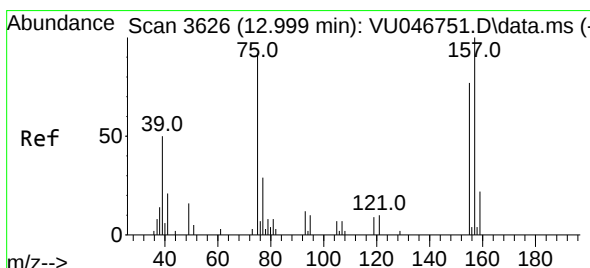
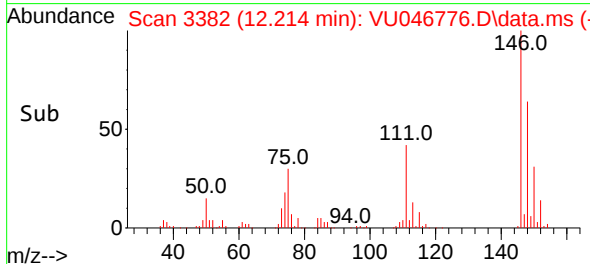
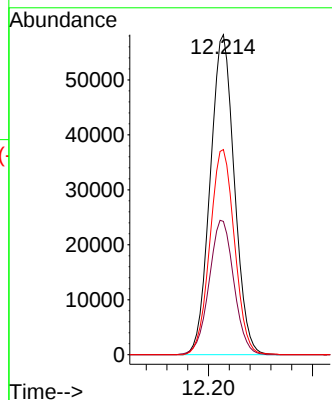
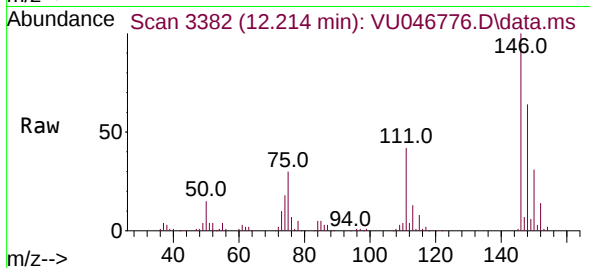
Tgt Ion:146 Resp: 93784

Ion Ratio Lower Upper

146 100

111 41.6 35.4 53.0

148 64.1 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 2.859 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU046776.D

Acq: 18 Jan 2022 11:42

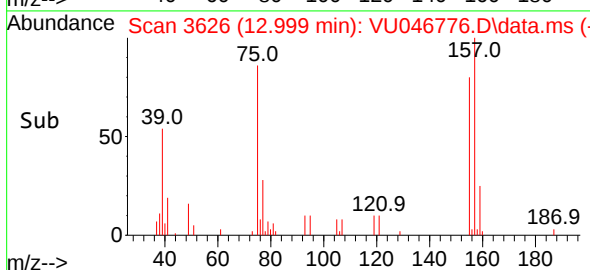
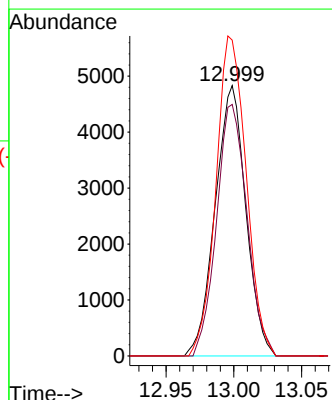
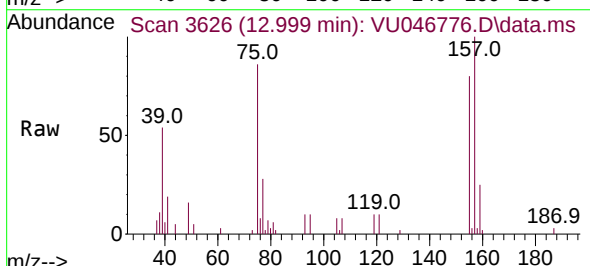
Tgt Ion: 75 Resp: 7600

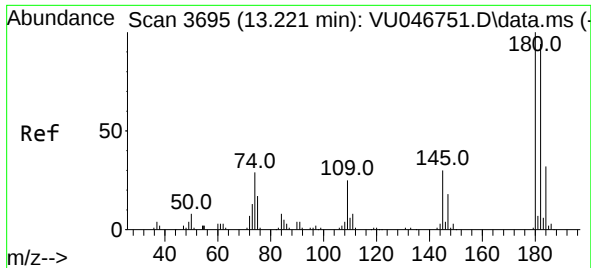
Ion Ratio Lower Upper

75 100

155 93.0 59.2 88.8#

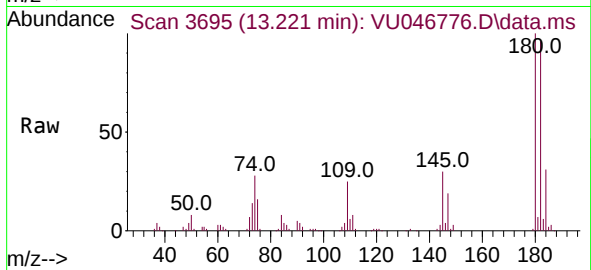
157 116.8 76.5 114.7#



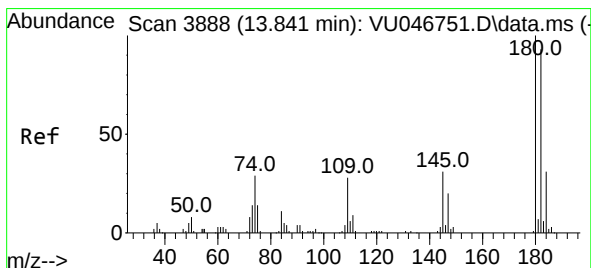
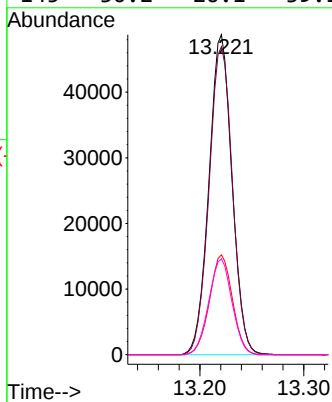
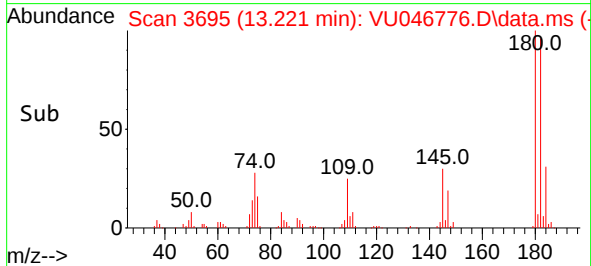


#69
 1,3,5-Trichlorobenzene
 Concen: 3.668 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046776.D
 Acq: 18 Jan 2022 11:42

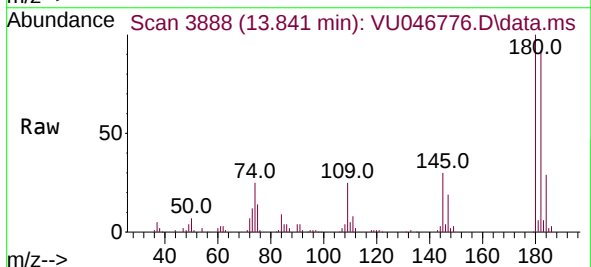
Instrument :
 MSVOA_U
 ClientSampleId :



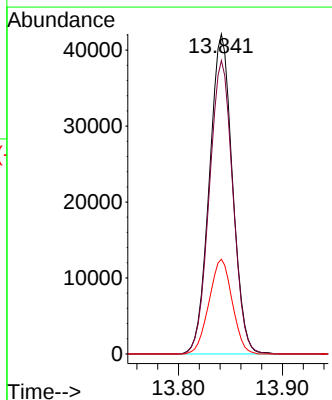
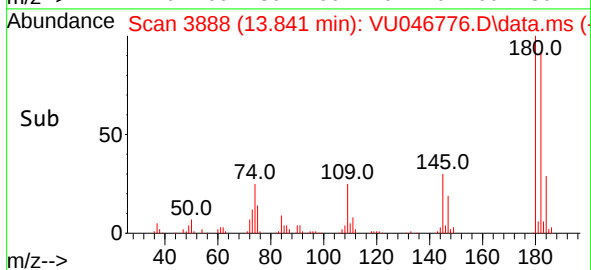
Tgt Ion:180	Resp:	75063
Ion Ratio	Lower	Upper
180	100	
182	97.5	76.1 114.1
184	31.0	25.0 37.4
145	30.2	26.1 39.1

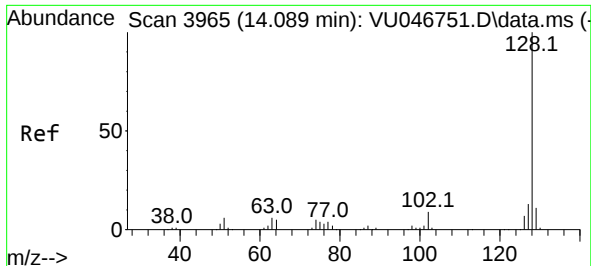


#70
 1,2,4-trichlorobenzene
 Concen: 3.733 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046776.D
 Acq: 18 Jan 2022 11:42



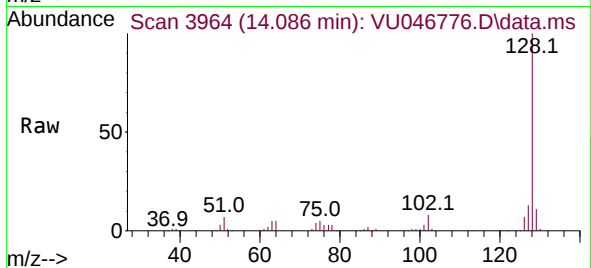
Tgt Ion:180	Resp:	65012
Ion Ratio	Lower	Upper
180	100	
182	93.3	76.4 114.6
145	29.7	25.6 38.4



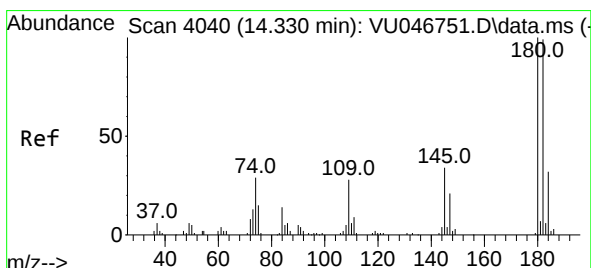
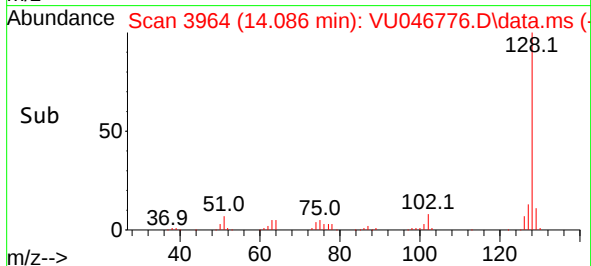
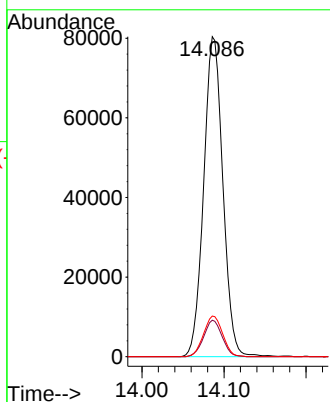


#71
Naphthalene
Concen: 3.475 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 130751
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 12.6 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 3.560 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046776.D
Acq: 18 Jan 2022 11:42

Tgt Ion:180 Resp: 60564
Ion Ratio Lower Upper
180 100
182 97.0 76.2 114.4
145 31.8 28.4 42.6

