

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046778.D
 Acq On : 18 Jan 2022 12:49
 Operator : SY/MD
 Sample : VSTD02049
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 19 06:01:44 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	131461	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	133483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	80457	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	221660	21.174	ug/L	0.00
7) Chloroethane-d5	1.919	69	179491	21.581	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	90071	20.405	ug/L	0.00
20) 2-Butanone-d5	4.655	46	698096	222.273	ug/L	0.00
24) Chloroform-d	5.067	84	382743	20.137	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	209033	19.309	ug/L	0.00
32) Benzene-d6	5.732	84	805163	21.641	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	239809	21.434	ug/L	0.00
41) Toluene-d8	7.899	98	735166	21.684	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	110452	21.509	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	671178	219.584	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	243311	20.954	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	294948	19.983	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	266710	14.342	ug/L	100
3) Chloromethane	1.523	50	212019	13.346	ug/L	99
5) Vinyl chloride	1.607	62	223526	14.185	ug/L	99
6) Bromomethane	1.861	94	140450	14.636	ug/L	98
8) Chloroethane	1.938	64	131920	14.311	ug/L	100
9) Trichlorofluoromethane	2.144	101	277439	13.528	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	163579	15.361	ug/L	94
12) 1,1-Dichloroethene	2.584	96	157061	14.560	ug/L	85
13) Acetone	2.691	43	363168	137.330	ug/L	99
14) Carbon disulfide	2.797	76	514692	14.655	ug/L	100
15) Methyl Acetate	2.967	43	89828	17.321	ug/L	99
16) Methylene chloride	3.051	84	177472	13.552	ug/L	91
17) Methyl tert-butyl Ether	3.366	73	451344	14.623	ug/L	96
18) trans-1,2-Dichloroethene	3.356	96	169522	14.839	ug/L	91
19) 1,1-Dichloroethane	3.874	63	286445	13.758	ug/L	99
21) 2-Butanone	4.736	43	593099	149.726	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	184765	14.781	ug/L	95
23) Bromochloromethane	4.980	128	89584	14.466	ug/L	88
25) Chloroform	5.092	83	327653	14.029	ug/L	96
27) 1,2-Dichloroethane	5.797	62	200560	12.637	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	264563	13.318	ug/L	96
30) Cyclohexane	5.391	56	273676	16.208	ug/L	95
31) Carbon tetrachloride	5.530	117	224631	13.434	ug/L	99
33) Benzene	5.777	78	678286	14.084	ug/L	100
34) Trichloroethene	6.546	95	175951	13.811	ug/L	95
35) Methylcyclohexane	6.768	83	314190	17.136	ug/L	93
37) 1,2-Dichloropropane	6.793	63	169984	13.996	ug/L #	97
38) Bromodichloromethane	7.108	83	223797	13.232	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	279103	15.010	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	1260653	137.675	ug/L #	94
42) Toluene	7.973	91	734501	14.766	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	244739	14.260	ug/L	100

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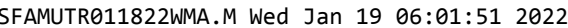
Quant Time: Jan 19 06:01:44 2022
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 Quant Title : TRACE VOA SFAM1.0
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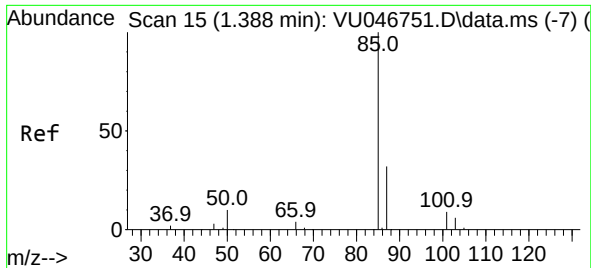
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.404	97	143424	13.595	ug/L	97
47) Tetrachloroethene	8.555	164	142143	15.347	ug/L	95
48) 2-Hexanone	8.694	43	921867	133.924	ug/L #	94
49) Dibromochloromethane	8.813	129	168724	13.833	ug/L	97
50) 1,2-Dibromoethane	8.928	107	145504	14.167	ug/L #	100
51) Chlorobenzene	9.449	112	469383	14.596	ug/L	96
52) Ethylbenzene	9.571	91	804061	15.458	ug/L	99
53) m,p-Xylene	9.697	106	323335	16.144	ug/L	99
54) o-Xylene	10.102	106	313636	16.416	ug/L	99
55) Styrene	10.118	104	538342	16.346	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.787	83	192312	13.781	ug/L	96
59) Bromoform	10.295	173	109688	13.234	ug/L	98
60) Isopropylbenzene	10.488	105	830141	14.769	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	139125	11.669	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	709574	15.248	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	728981	15.531	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	396418	14.371	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	396073	14.011	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	380834	13.798	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	31438	11.515	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.221	180	319500	15.203	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	276186	15.443	ug/L	99
71) Naphthalene	14.086	128	597877	15.471	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	257297	14.728	ug/L	98

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

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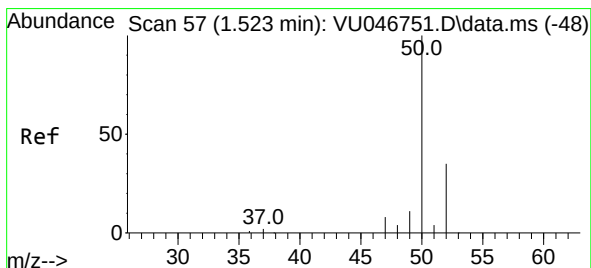
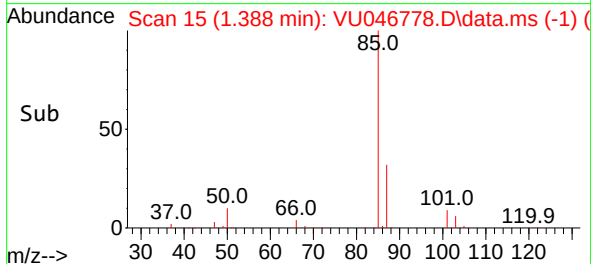
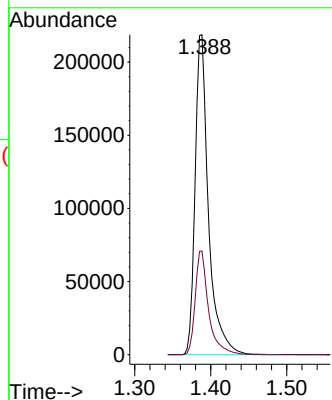
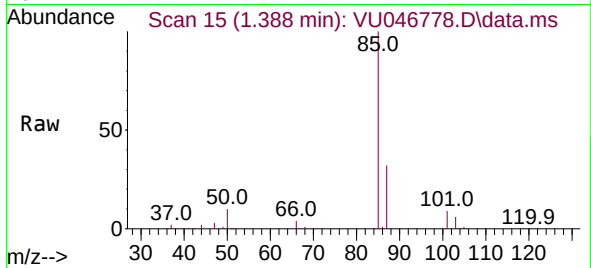




#2
Dichlorodifluoromethane
Concen: 14.342 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

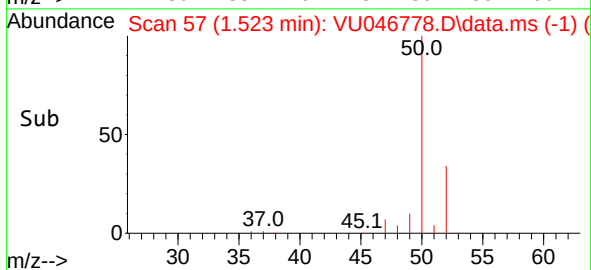
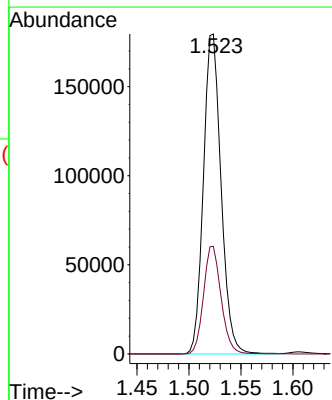
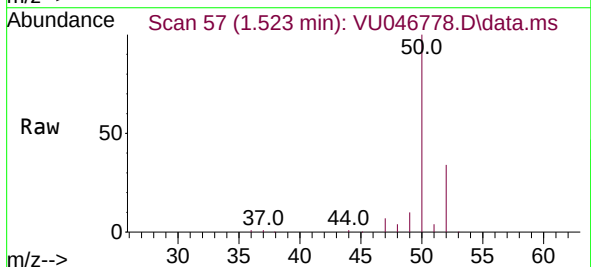
Instrument :
MSVOA_U
ClientSampleId :

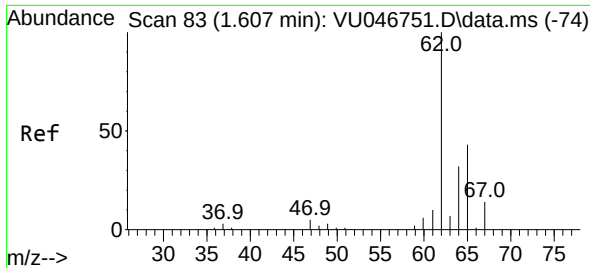
Tgt Ion: 85 Resp: 266710
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.6



#3
Chloromethane
Concen: 13.346 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Tgt Ion: 50 Resp: 212019
Ion Ratio Lower Upper
50 100
52 33.6 23.0 42.8

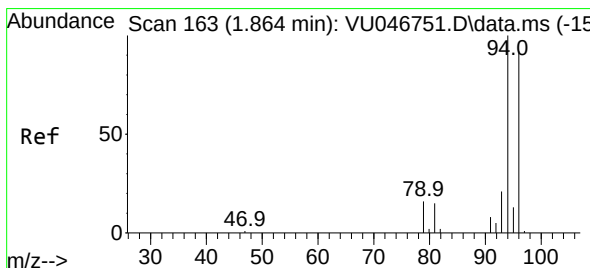
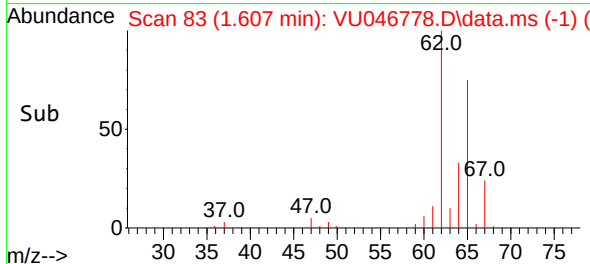
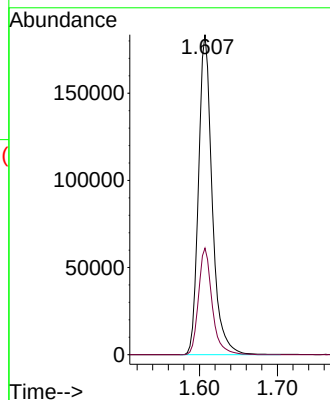
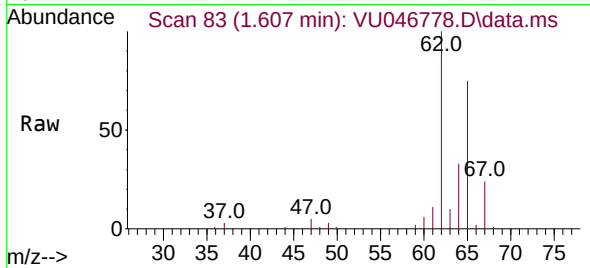




#5
 Vinyl chloride
 Concen: 14.185 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU046778.D
 Acq: 18 Jan 2022 12:49

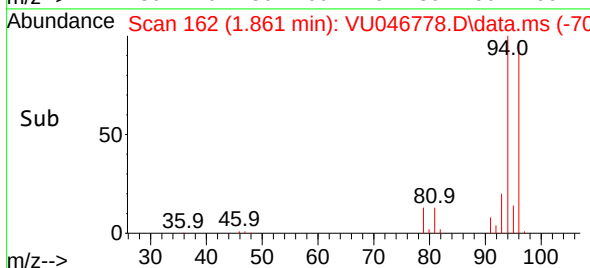
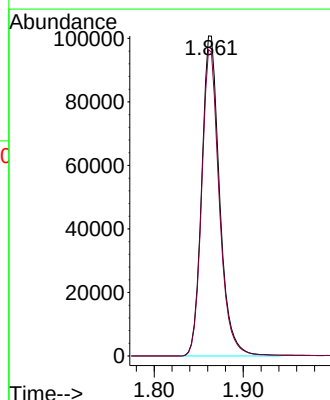
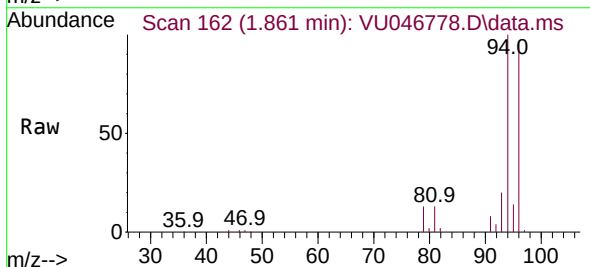
Instrument :
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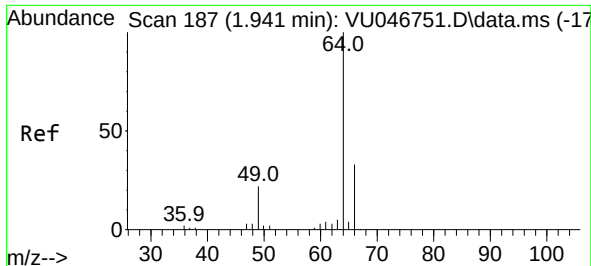
Tgt Ion: 62 Resp: 223526
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.9 42.5



#6
 Bromomethane
 Concen: 14.636 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU046778.D
 Acq: 18 Jan 2022 12:49

Tgt Ion: 94 Resp: 140450
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.5 121.6

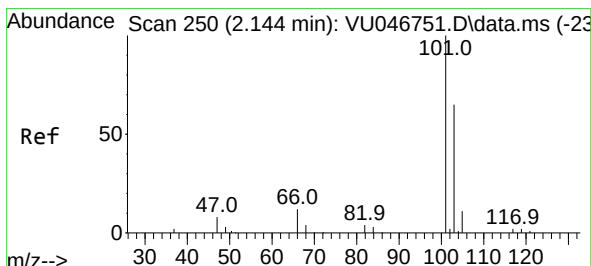
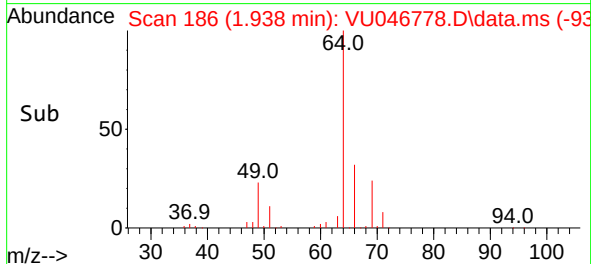
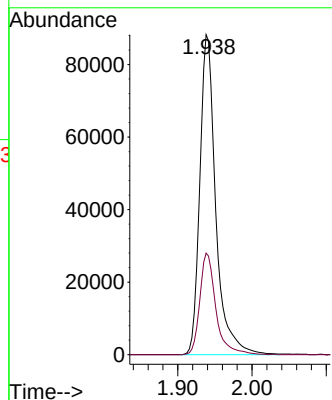
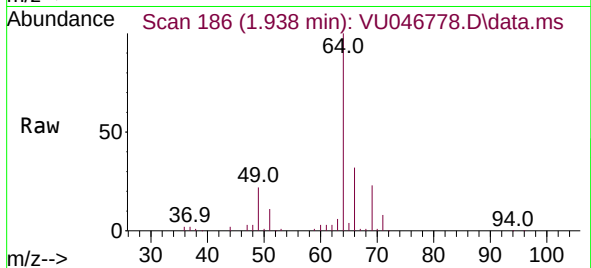




#8
Chloroethane
Concen: 14.311 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

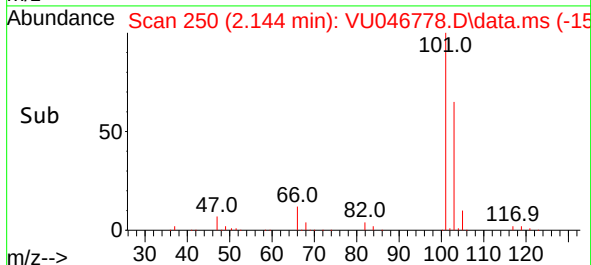
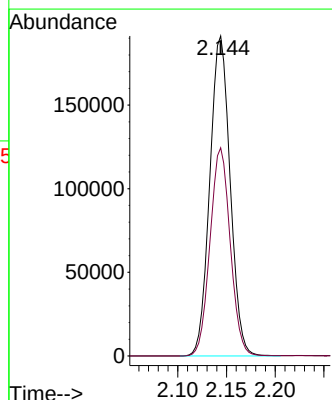
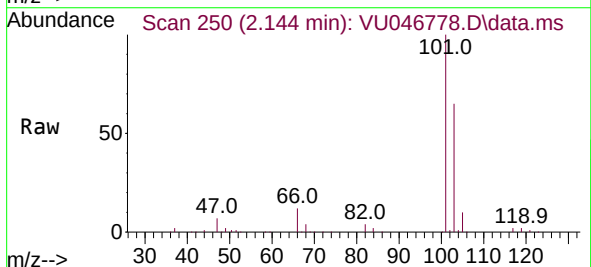
Instrument :
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ClientSampleId :

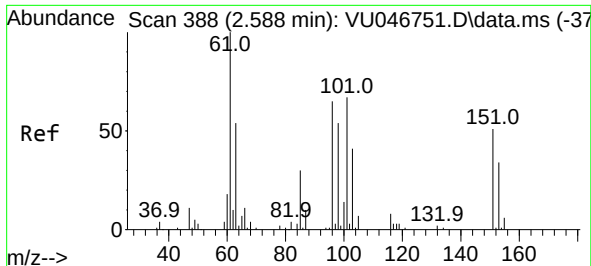
Tgt Ion: 64 Resp: 131920
Ion Ratio Lower Upper
64 100
66 31.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 13.528 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Tgt Ion:101 Resp: 277439
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

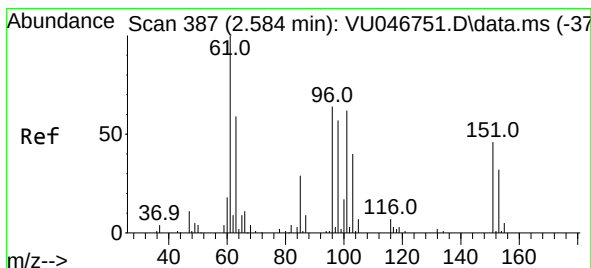
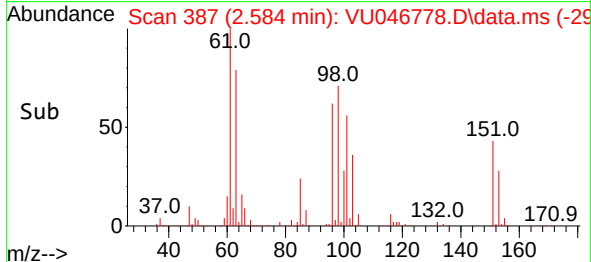
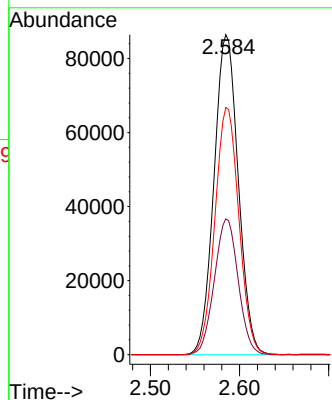
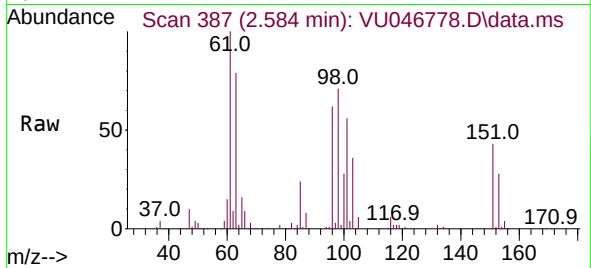




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 15.361 ug/L
RT: 2.584 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

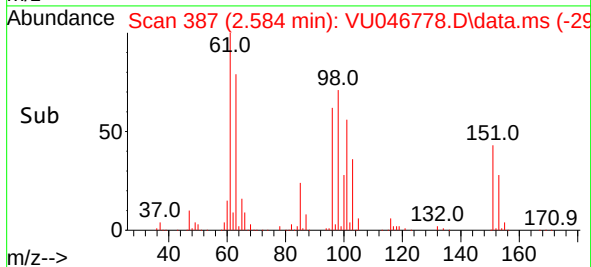
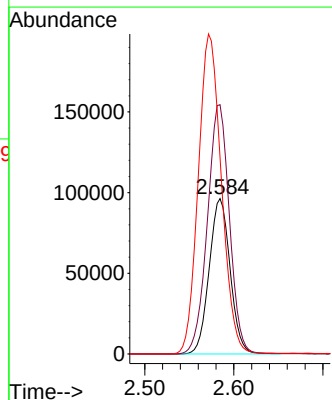
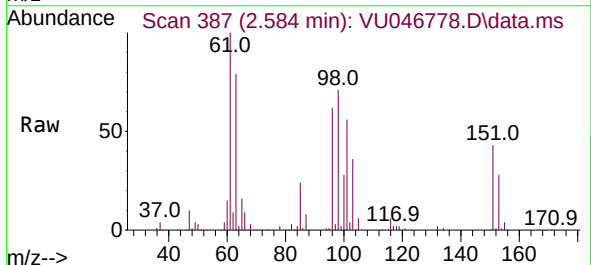
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ClientSampleId :

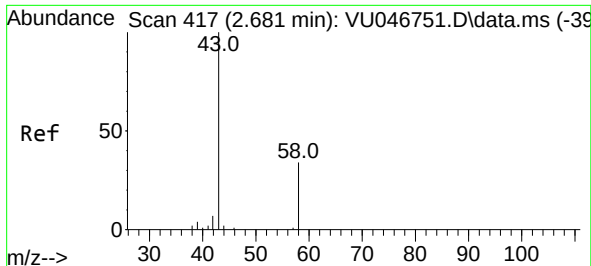
Tgt Ion:101 Resp: 163579
Ion Ratio Lower Upper
101 100
85 41.7 34.6 51.8
151 76.6 56.1 84.1



#12
1,1-Dichloroethene
Concen: 14.560 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Tgt Ion: 96 Resp: 157061
Ion Ratio Lower Upper
96 100
61 160.4 124.7 231.5
63 126.4 105.2 195.4





#13

Acetone

Concen: 137.330 ug/L

RT: 2.691 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

Instrument :

MSVOA_U

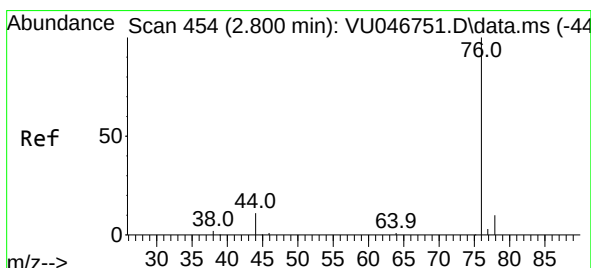
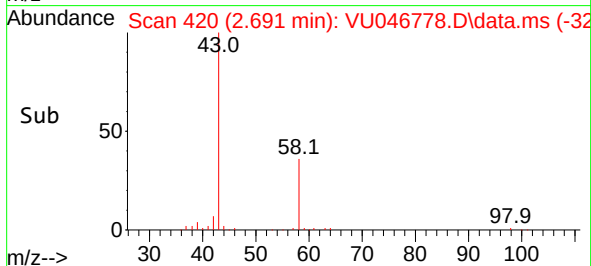
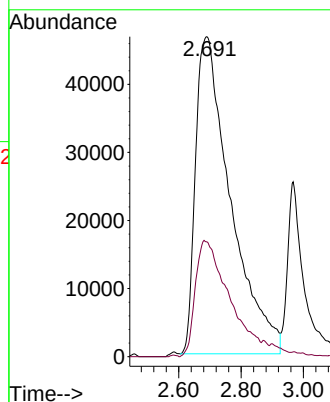
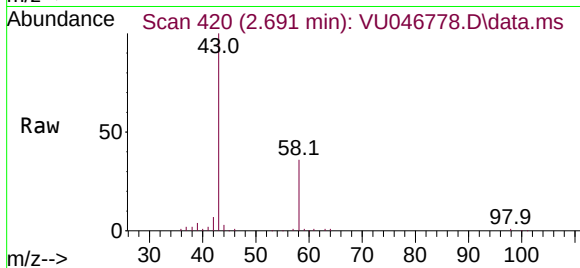
ClientSampleId :

Tgt Ion: 43 Resp: 363168

Ion Ratio Lower Upper

43 100

58 35.1 0.0 71.6



#14

Carbon disulfide

Concen: 14.655 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU046778.D

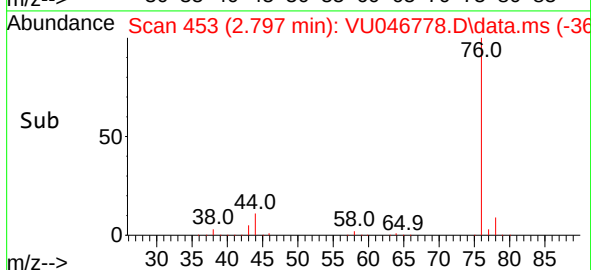
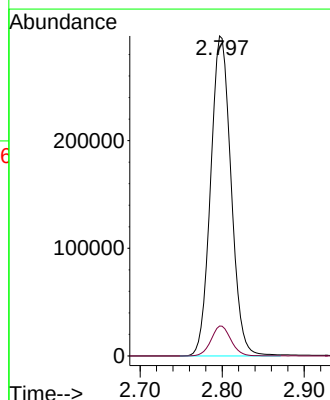
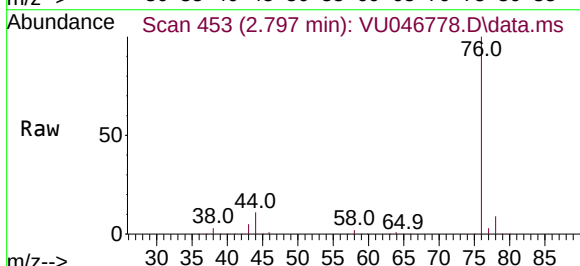
Acq: 18 Jan 2022 12:49

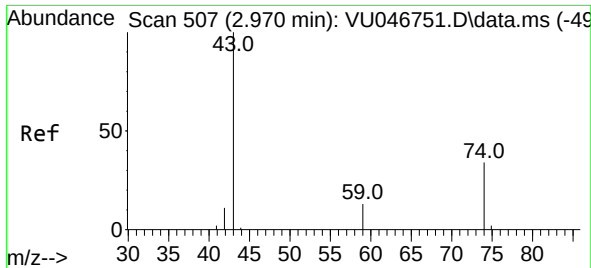
Tgt Ion: 76 Resp: 514692

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

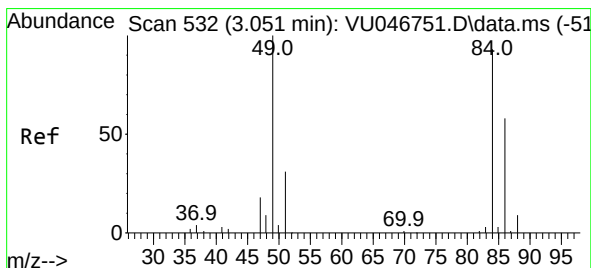
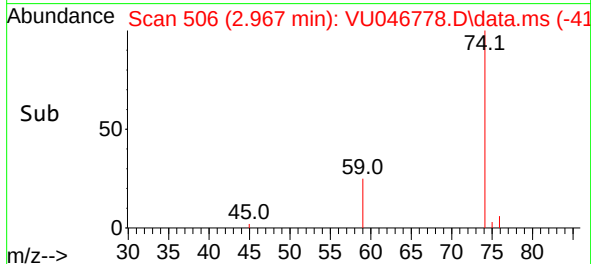
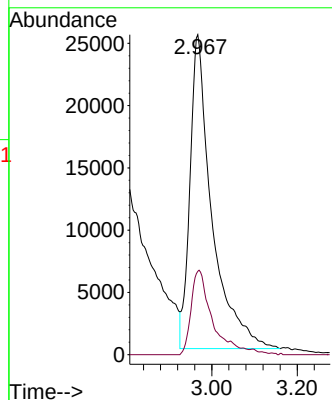
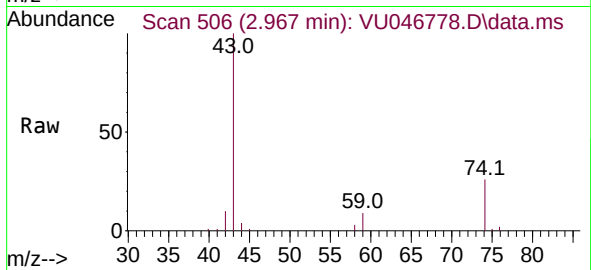




#15
Methyl Acetate
Concen: 17.321 ug/L
RT: 2.967 min Scan# 507
Delta R.T. -0.003 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

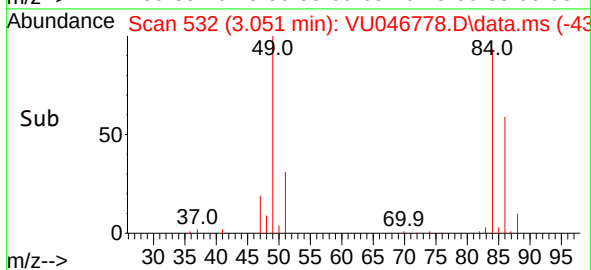
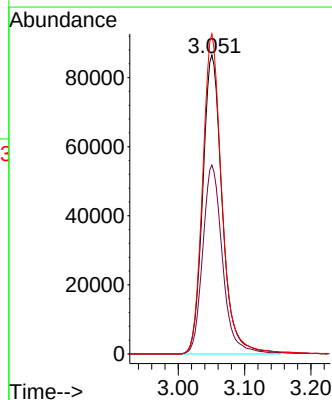
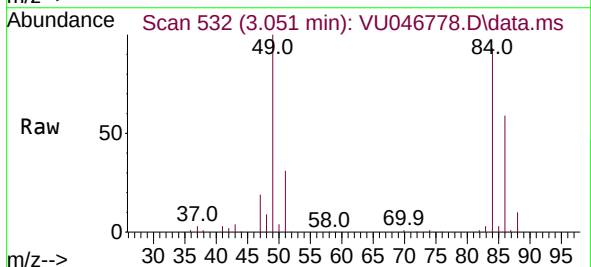
Instrument :
MSVOA_U
ClientSampleId :

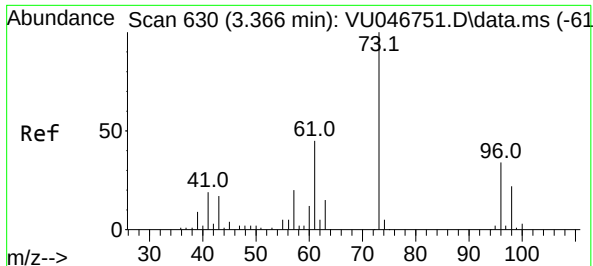
Tgt Ion: 43 Resp: 89828
Ion Ratio Lower Upper
43 100
74 23.5 19.1 28.7



#16
Methylene chloride
Concen: 13.552 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Tgt Ion: 84 Resp: 177472
Ion Ratio Lower Upper
84 100
86 63.2 45.8 85.0
49 107.1 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 14.623 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

Instrument :

MSVOA_U

ClientSampleId :

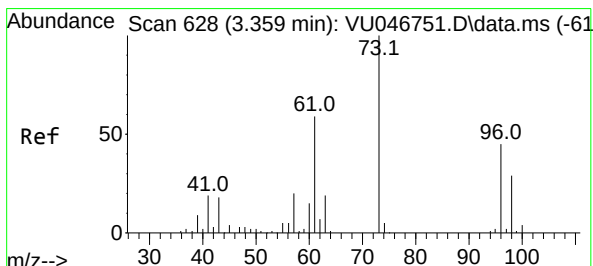
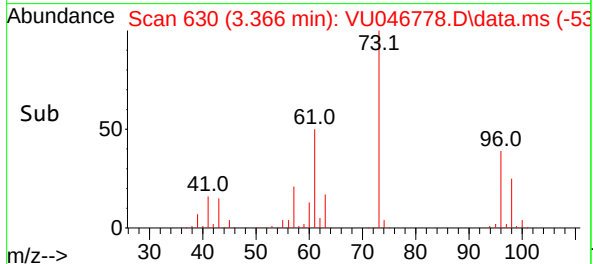
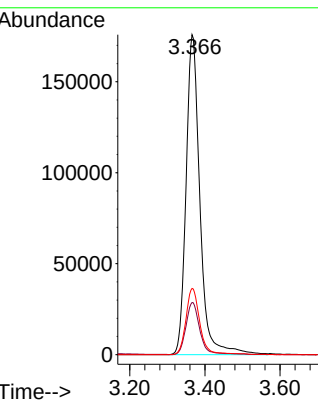
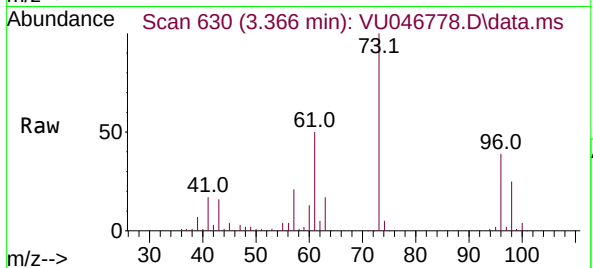
Tgt Ion: 73 Resp: 451344

Ion Ratio Lower Upper

73 100

43 16.1 14.8 22.2

57 20.6 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 14.839 ug/L

RT: 3.356 min Scan# 627

Delta R.T. -0.003 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

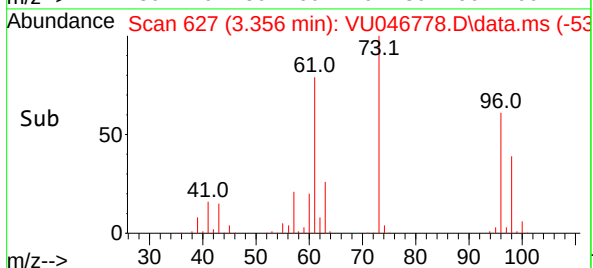
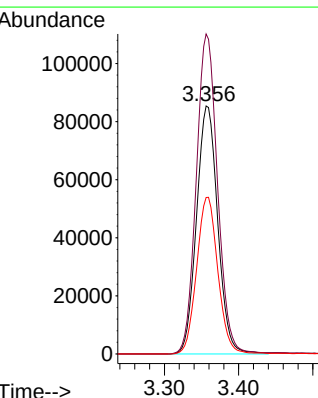
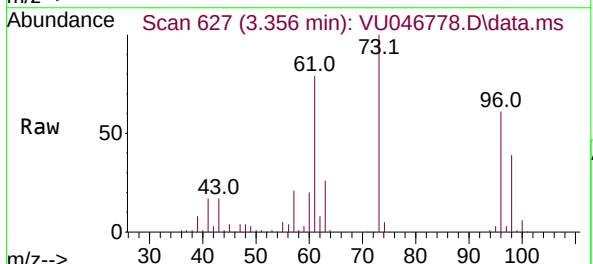
Tgt Ion: 96 Resp: 169522

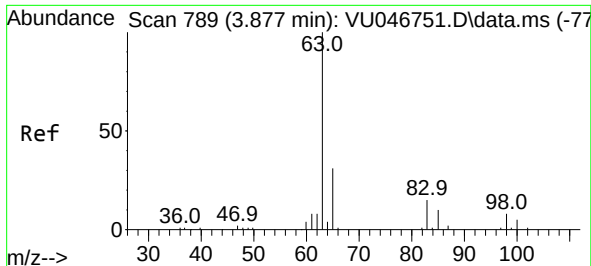
Ion Ratio Lower Upper

96 100

61 129.0 100.8 187.2

98 63.1 45.1 83.7





#19

1,1-Dichloroethane

Concen: 13.758 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

Instrument :

MSVOA_U

ClientSampleId :

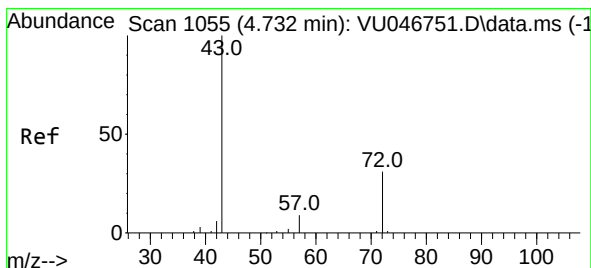
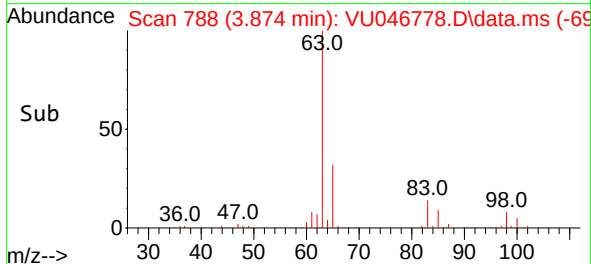
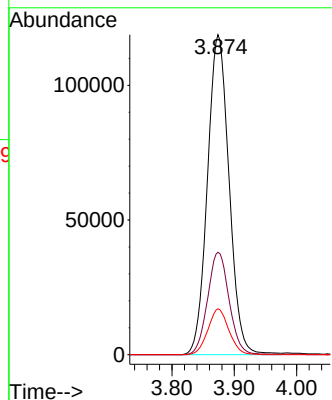
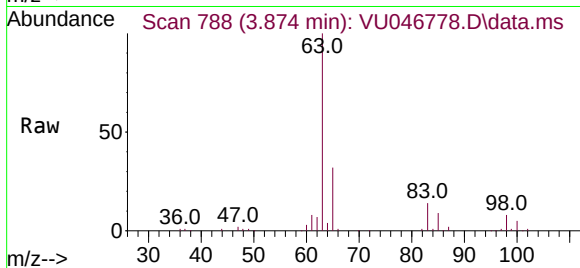
Tgt Ion: 63 Resp: 286445

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.5

83 14.3 9.6 17.8



#21

2-Butanone

Concen: 149.726 ug/L

RT: 4.736 min Scan# 1056

Delta R.T. 0.003 min

Lab File: VU046778.D

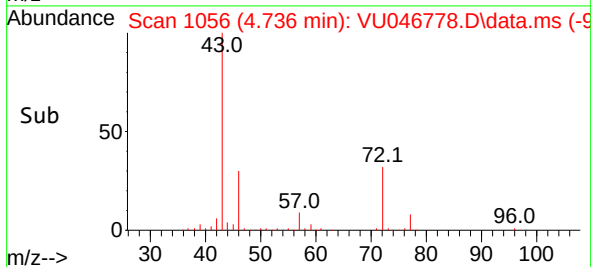
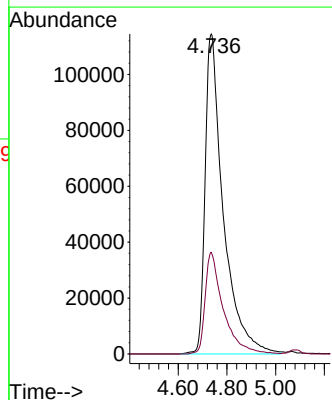
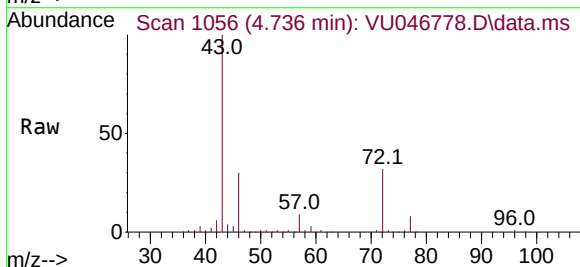
Acq: 18 Jan 2022 12:49

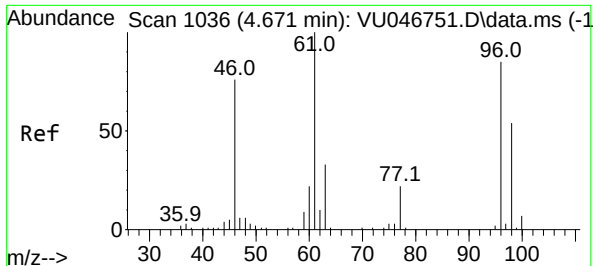
Tgt Ion: 43 Resp: 593099

Ion Ratio Lower Upper

43 100

72 31.5 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 14.781 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

Instrument :

MSVOA_U

ClientSampleId :

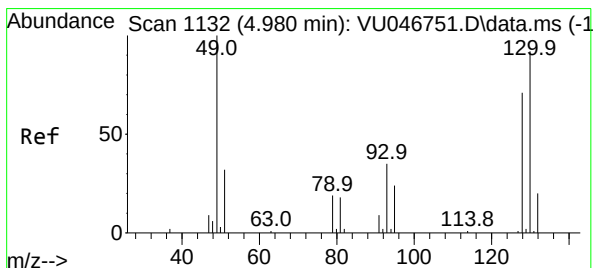
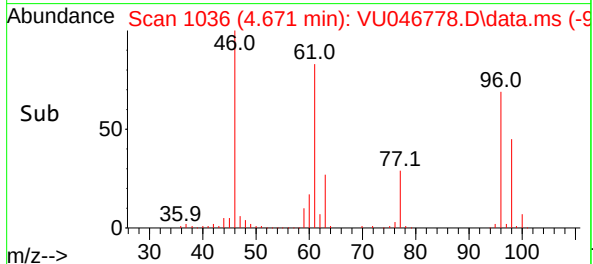
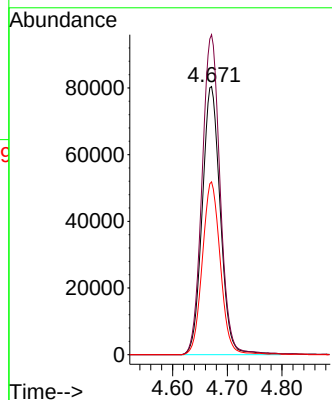
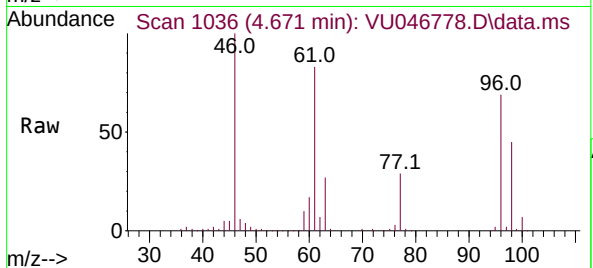
Tgt Ion: 96 Resp: 184765

Ion Ratio Lower Upper

96 100

61 119.3 88.5 164.3

98 64.4 44.4 82.5



#23

Bromochloromethane

Concen: 14.466 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

Tgt Ion:128 Resp: 89584

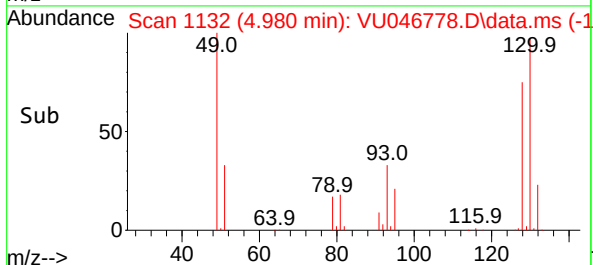
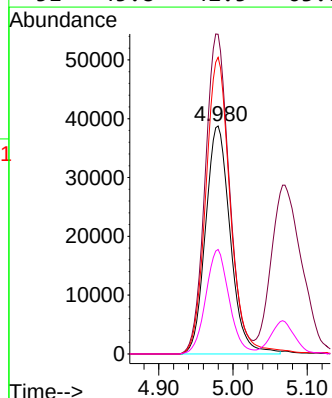
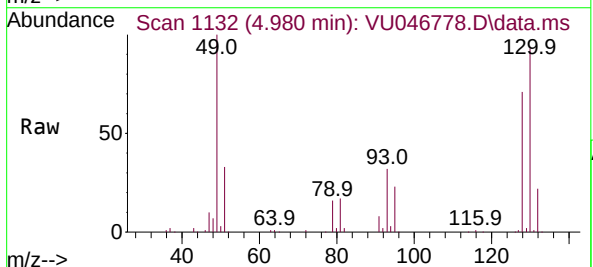
Ion Ratio Lower Upper

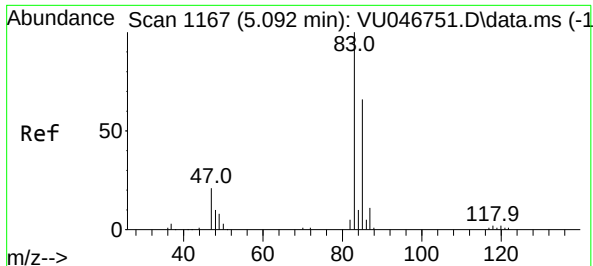
128 100

49 140.2 117.0 217.2

130 130.1 88.2 163.8

51 45.8 42.5 63.7





#25

Chloroform

Concen: 14.029 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

Instrument :

MSVOA_U

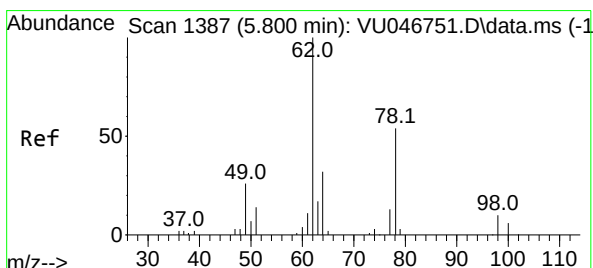
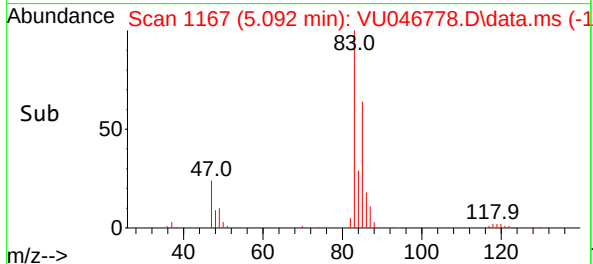
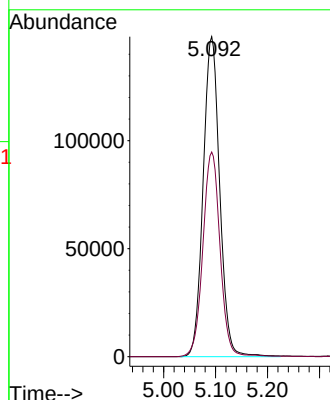
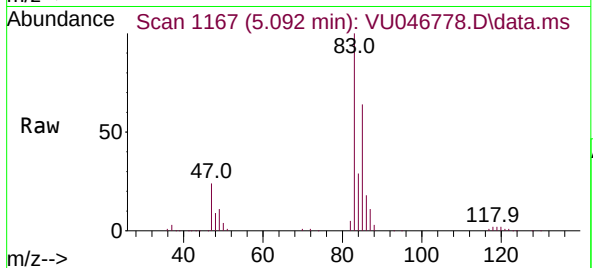
ClientSampleId :

Tgt Ion: 83 Resp: 327653

Ion Ratio Lower Upper

83 100

85 64.0 46.9 87.1



#27

1,2-Dichloroethane

Concen: 12.637 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046778.D

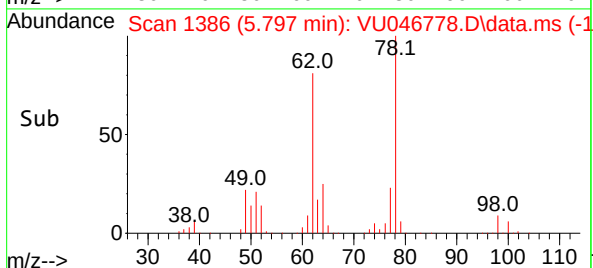
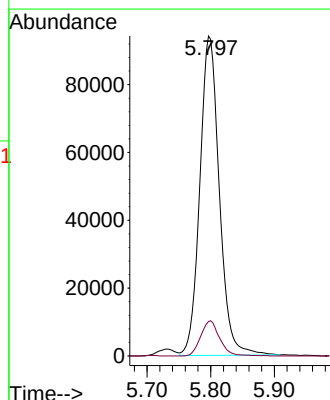
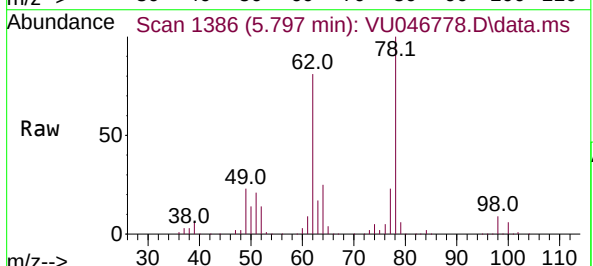
Acq: 18 Jan 2022 12:49

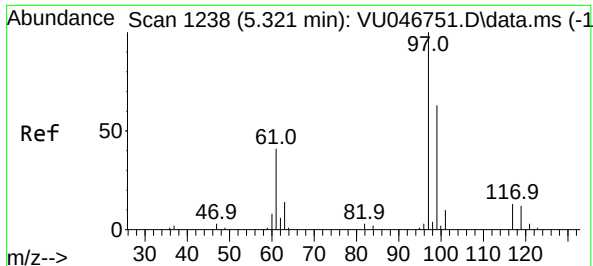
Tgt Ion: 62 Resp: 200560

Ion Ratio Lower Upper

62 100

98 10.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 13.318 ug/L

RT: 5.321 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

Instrument :

MSVOA_U

ClientSampleId :

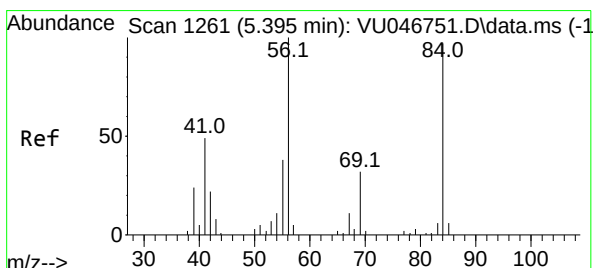
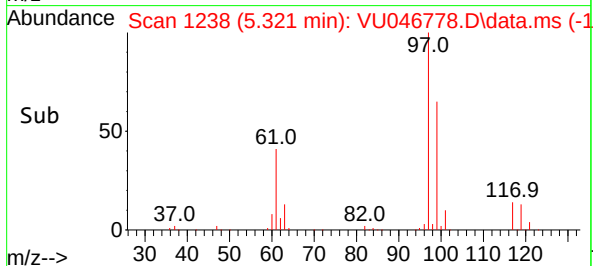
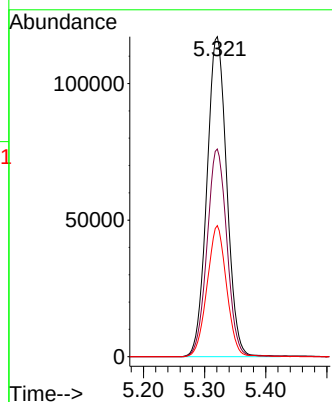
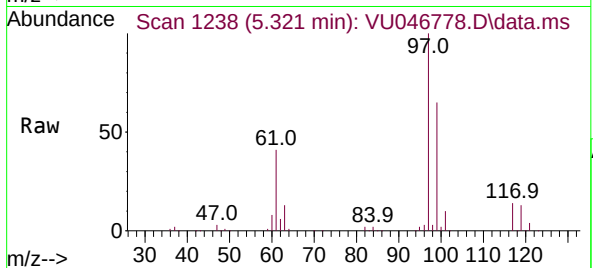
Tgt Ion: 97 Resp: 264563

Ion Ratio Lower Upper

97 100

99 64.8 51.3 76.9

61 40.1 36.1 54.1



#30

Cyclohexane

Concen: 16.208 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

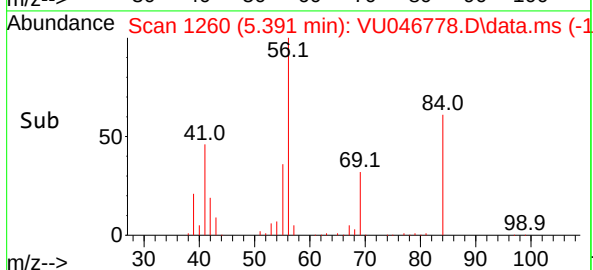
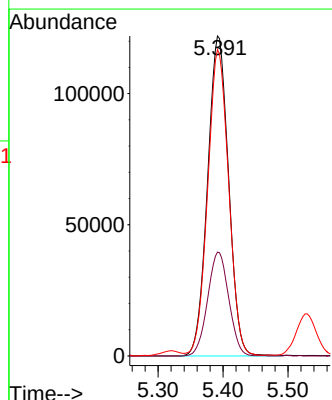
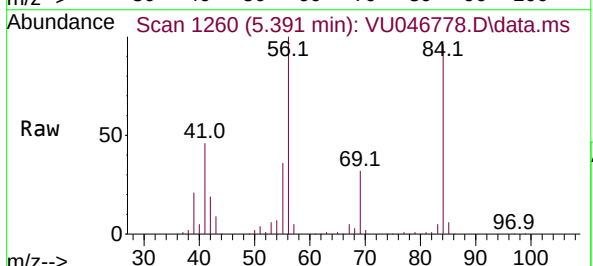
Tgt Ion: 56 Resp: 273676

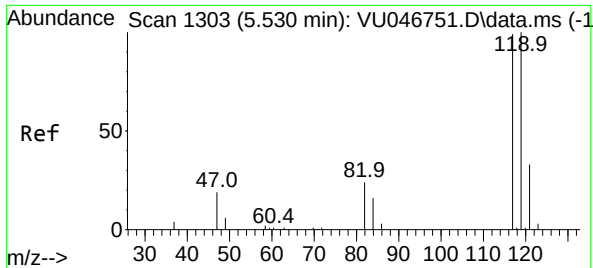
Ion Ratio Lower Upper

56 100

69 32.7 24.7 37.1

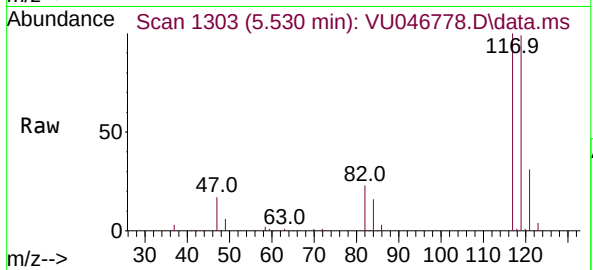
84 95.1 71.8 107.6



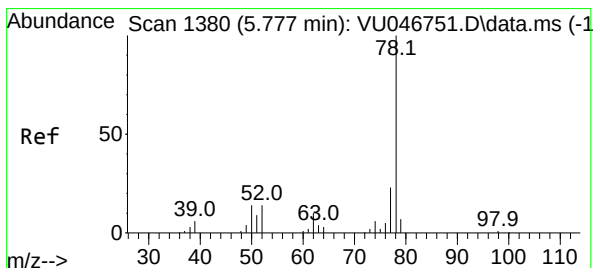
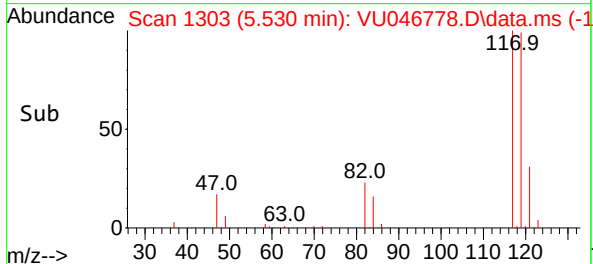
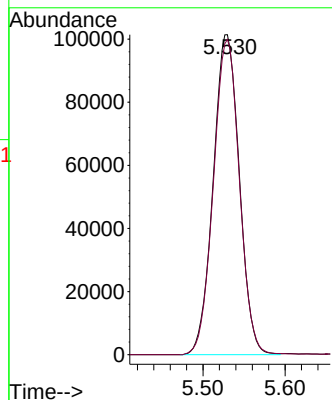


#31
Carbon tetrachloride
Concen: 13.434 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Instrument :
MSVOA_U
ClientSampleId :

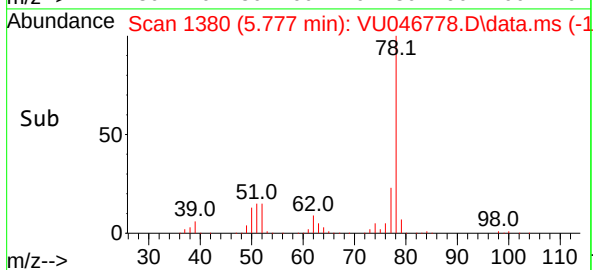
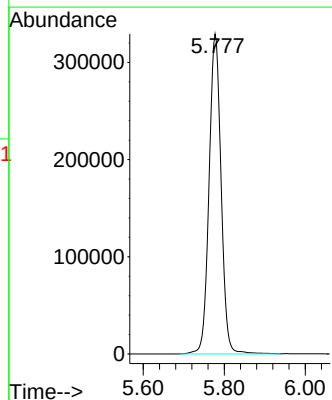
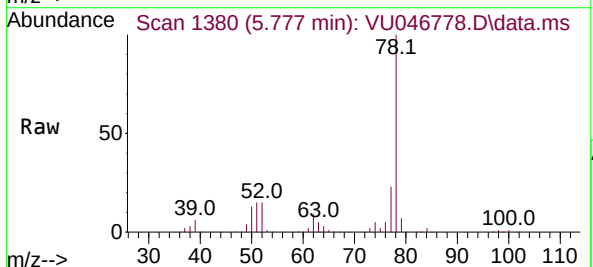


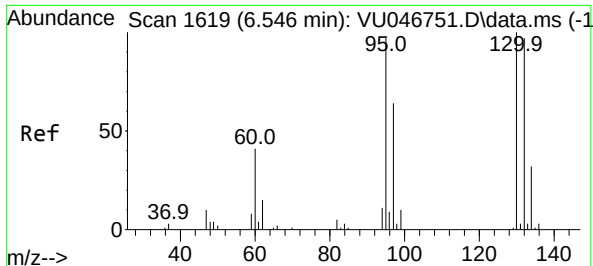
Tgt Ion:117 Resp: 224631
Ion Ratio Lower Upper
117 100
119 98.1 77.5 116.3



#33
Benzene
Concen: 14.084 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Tgt Ion: 78 Resp: 678286

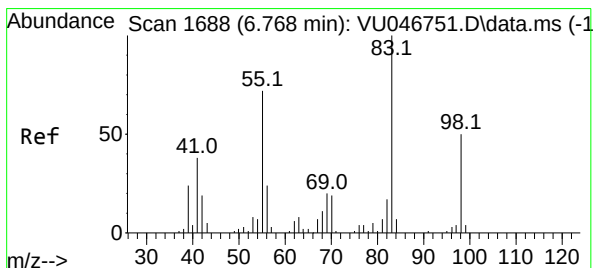
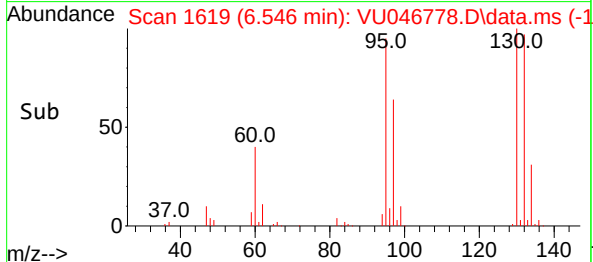
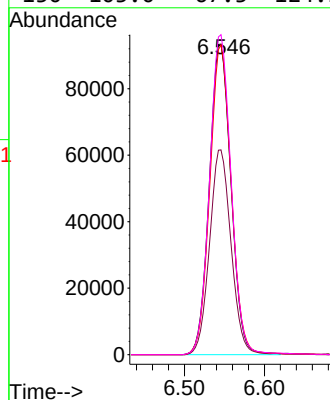
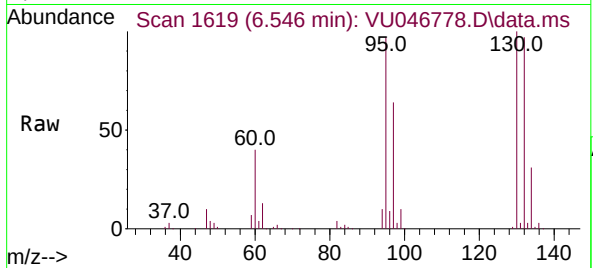




#34
Trichloroethene
Concen: 13.811 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

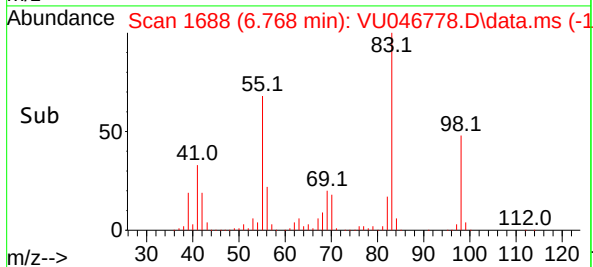
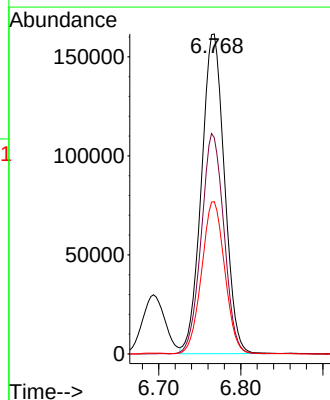
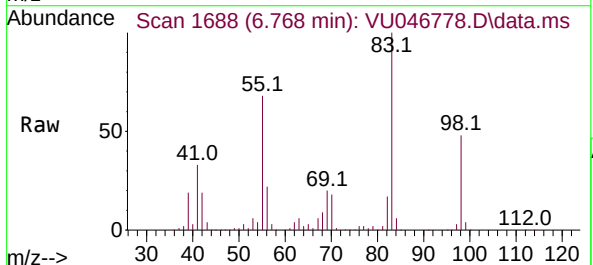
Instrument :
MSVOA_U
ClientSampleId :

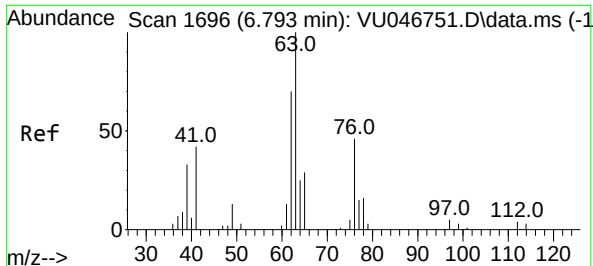
Tgt Ion: 95 Resp: 175951
Ion Ratio Lower Upper
95 100
97 65.9 46.5 86.5
132 99.8 65.1 120.9
130 103.0 67.3 124.9



#35
Methylcyclohexane
Concen: 17.136 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Tgt Ion: 83 Resp: 314190
Ion Ratio Lower Upper
83 100
55 68.0 61.9 92.9
98 47.6 39.0 58.6





#37

1,2-Dichloropropane

Concen: 13.996 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

Instrument :

MSVOA_U

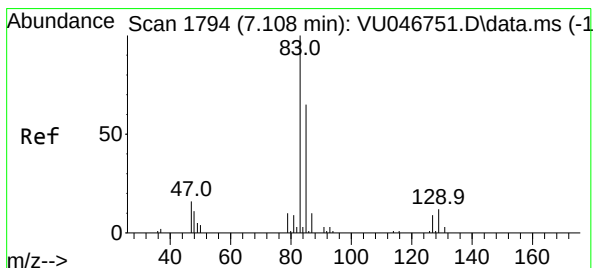
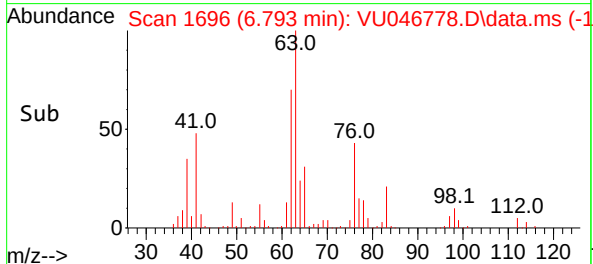
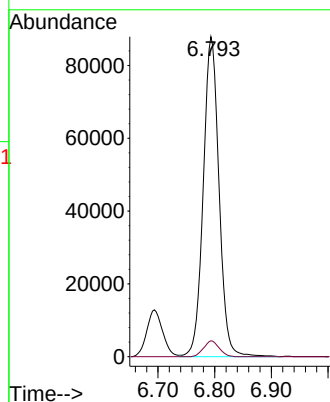
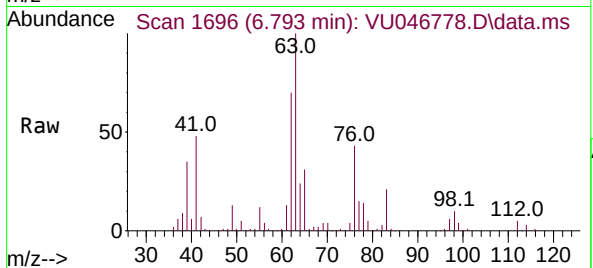
ClientSampleId :

Tgt Ion: 63 Resp: 169984

Ion Ratio Lower Upper

63 100

112 4.9 3.2 4.8#



#38

Bromodichloromethane

Concen: 13.232 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

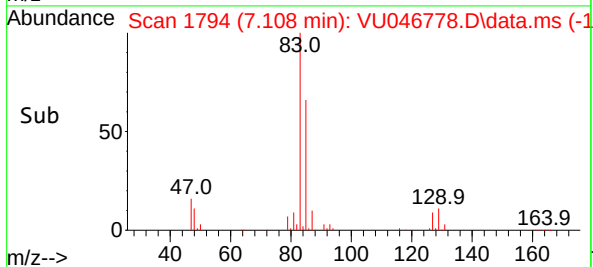
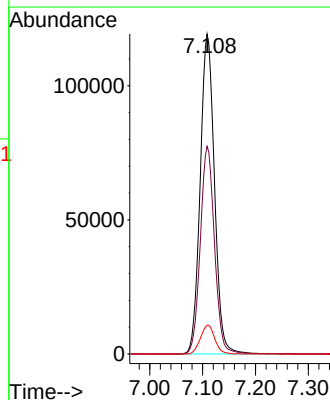
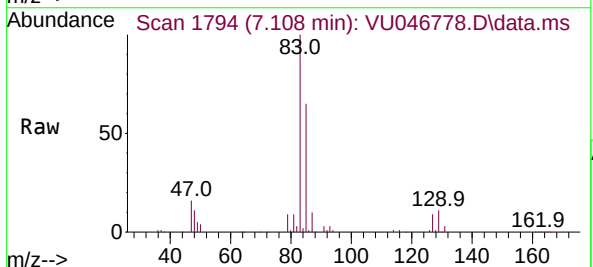
Tgt Ion: 83 Resp: 223797

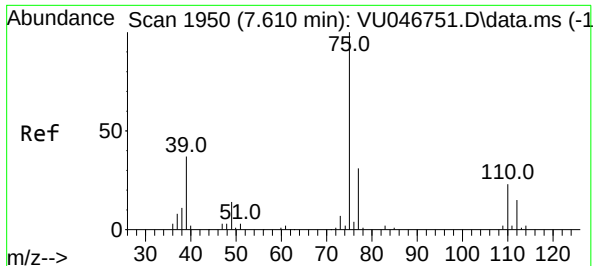
Ion Ratio Lower Upper

83 100

85 64.9 44.0 81.8

127 9.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 15.010 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

Instrument :

MSVOA_U

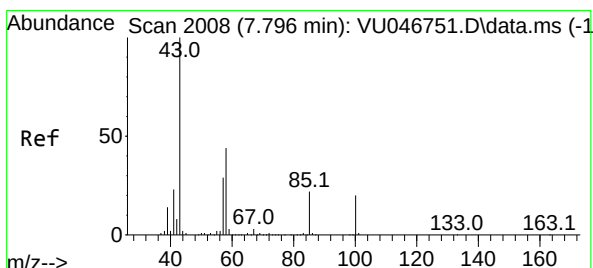
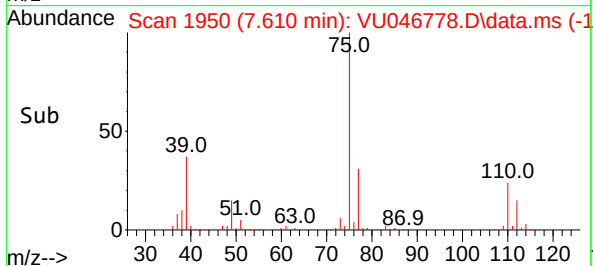
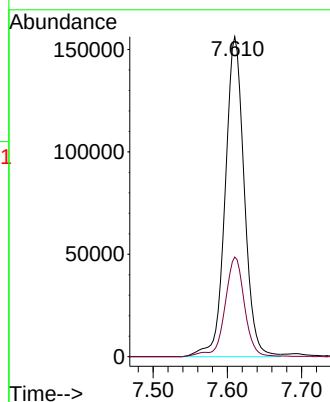
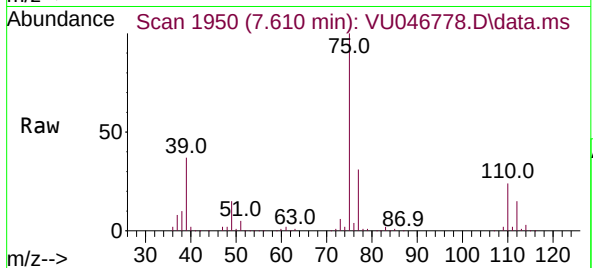
ClientSampleId :

Tgt Ion: 75 Resp: 279103

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 137.675 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.003 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

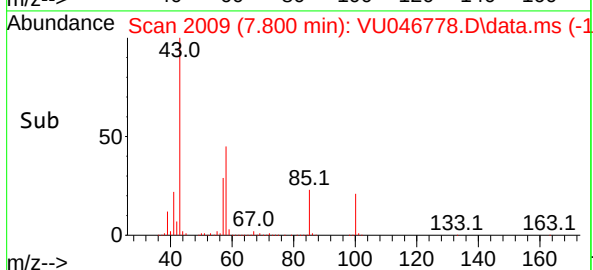
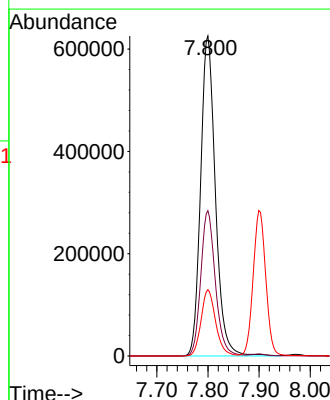
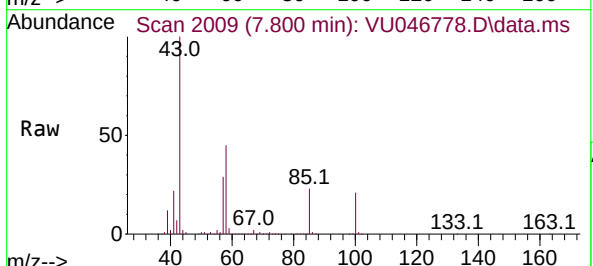
Tgt Ion: 43 Resp: 1260653

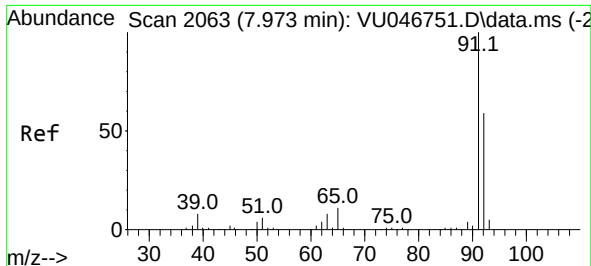
Ion Ratio Lower Upper

43 100

58 44.8 33.1 49.7

100 20.4 13.2 19.8#





#42

Toluene

Concen: 14.766 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

Instrument :

MSVOA_U

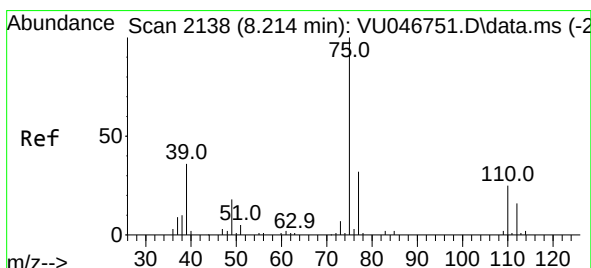
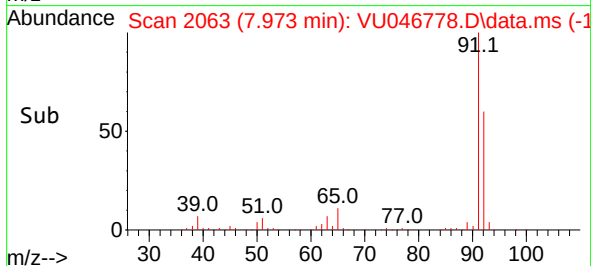
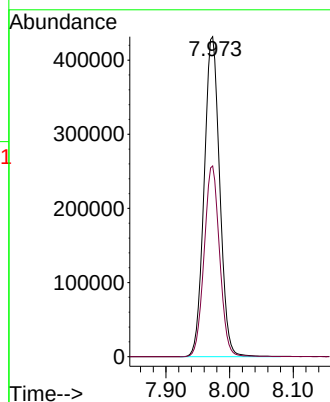
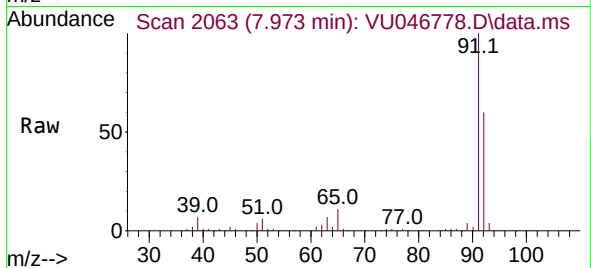
ClientSampleId :

Tgt Ion: 91 Resp: 734501

Ion Ratio Lower Upper

91 100

92 59.6 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 14.260 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046778.D

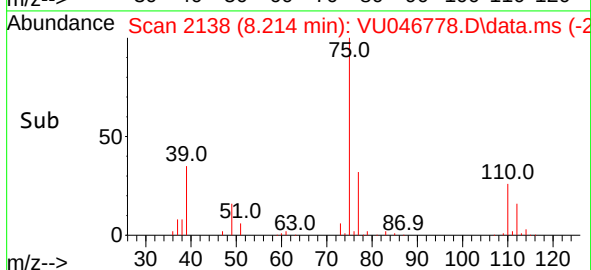
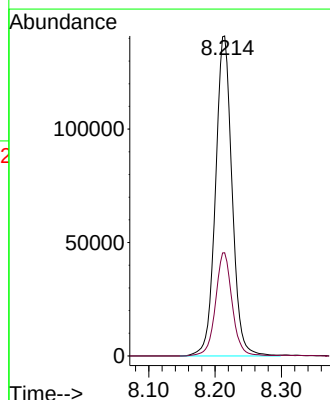
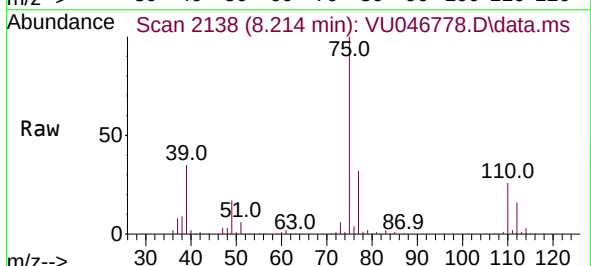
Acq: 18 Jan 2022 12:49

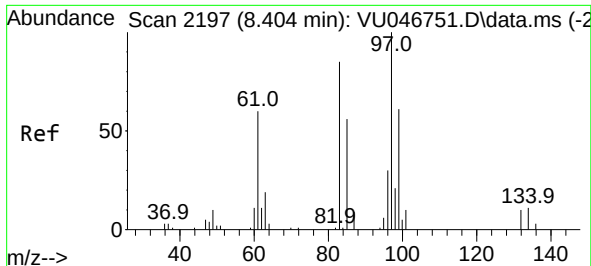
Tgt Ion: 75 Resp: 244739

Ion Ratio Lower Upper

75 100

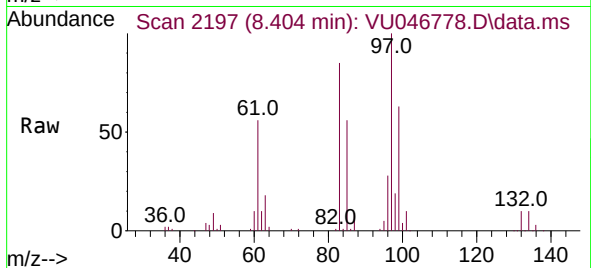
77 32.3 22.7 42.3



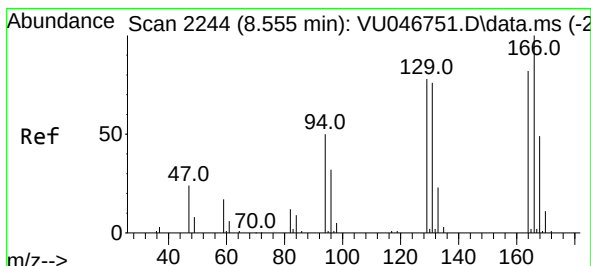
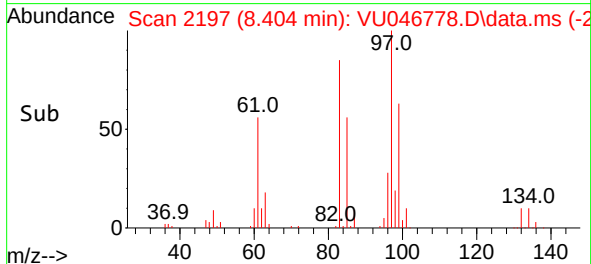
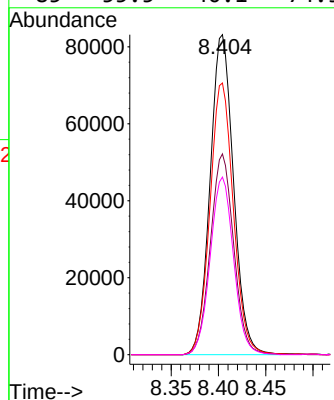


#45
1,1,2-Trichloroethane
Concen: 13.595 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Instrument :
MSVOA_U
ClientSampleId :

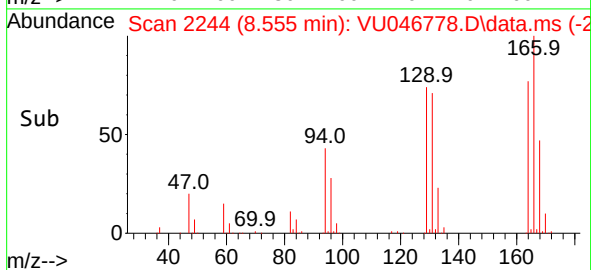
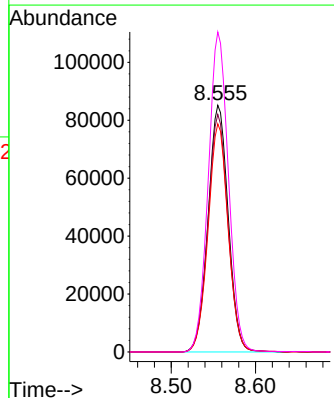
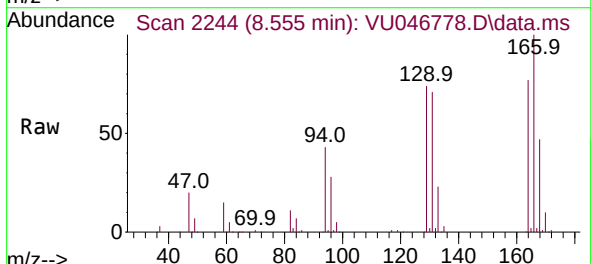


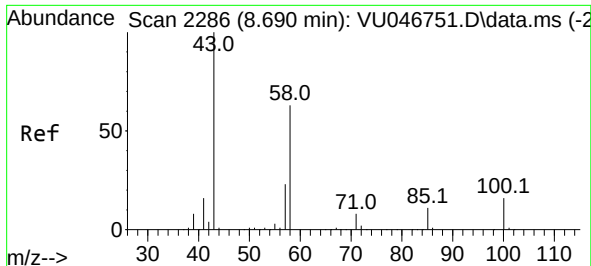
Tgt Ion:	97	Resp:	143424
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.3	78.5
83	84.9	62.0	115.2
85	55.5	40.1	74.5



#47
Tetrachloroethene
Concen: 15.347 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Tgt Ion:	164	Resp:	142143
Ion	Ratio	Lower	Upper
164	100		
129	96.3	71.8	133.4
131	92.5	68.5	127.3
166	129.7	94.1	174.8

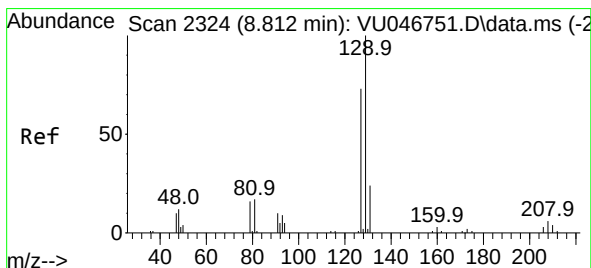
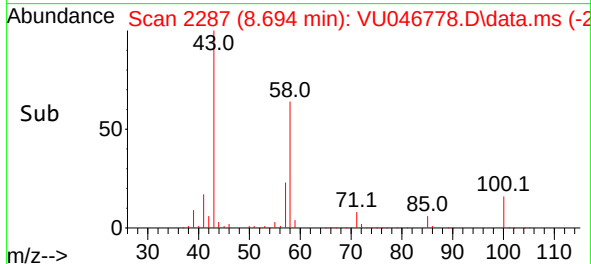
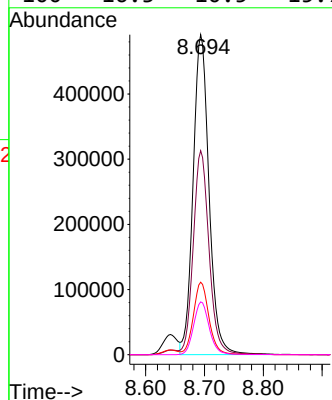
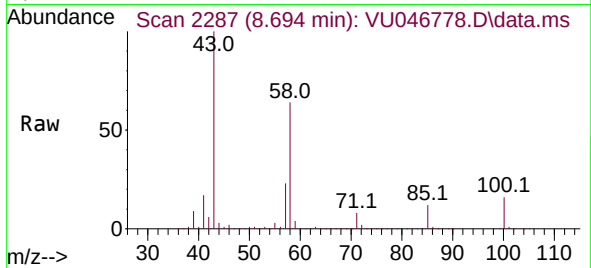




#48
2-Hexanone
Concen: 133.924 ug/L
RT: 8.694 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

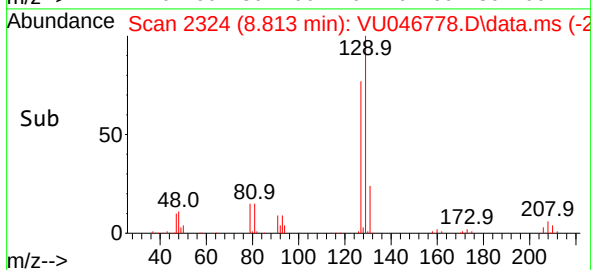
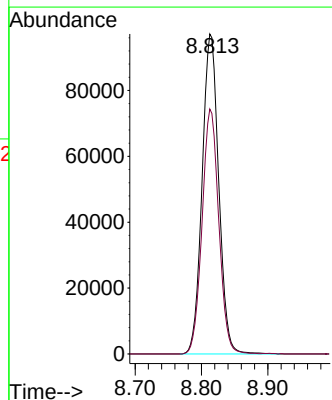
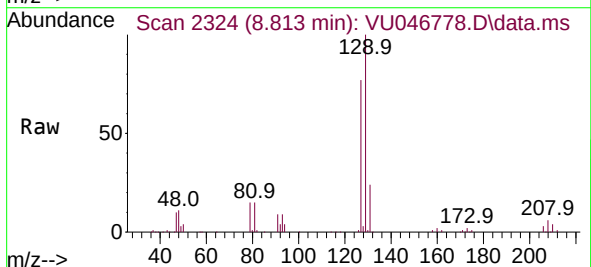
Instrument :
MSVOA_U
ClientSampleId :

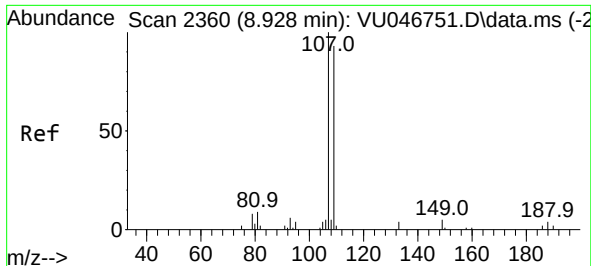
Tgt Ion: 43 Resp: 921867
Ion Ratio Lower Upper
43 100
58 63.4 46.7 70.1
57 22.4 16.3 24.5
100 16.3 10.5 15.7#



#49
Dibromochloromethane
Concen: 13.833 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

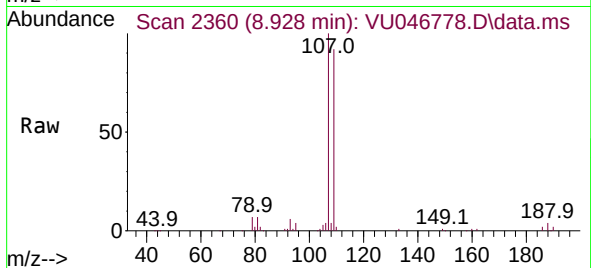
Tgt Ion: 129 Resp: 168724
Ion Ratio Lower Upper
129 100
127 76.5 55.4 102.8



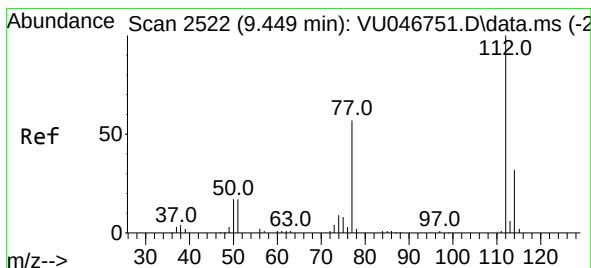
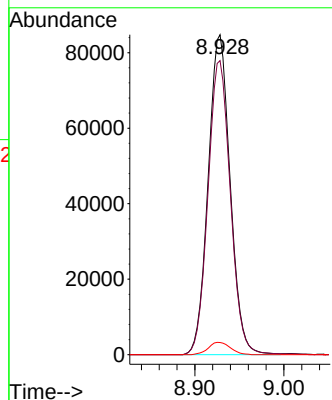
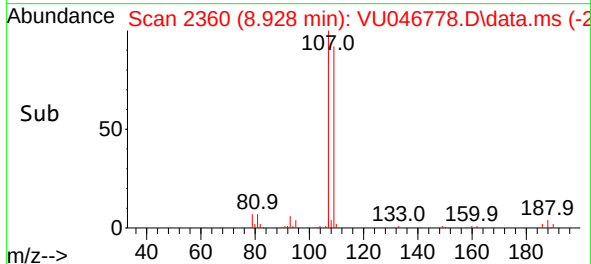


#50
1,2-Dibromoethane
Concen: 14.167 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Instrument :
MSVOA_U
ClientSampleId :

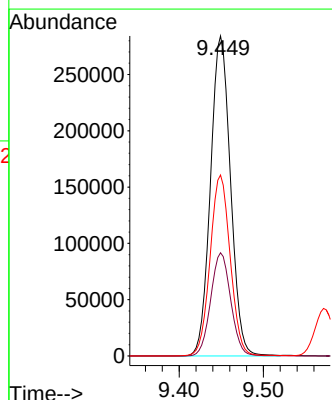
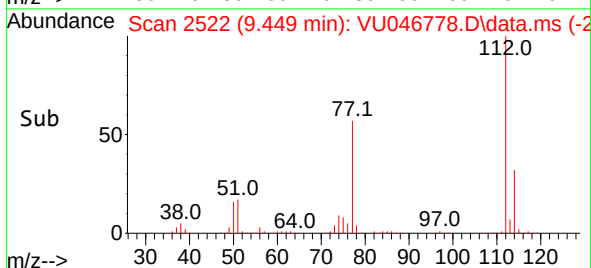
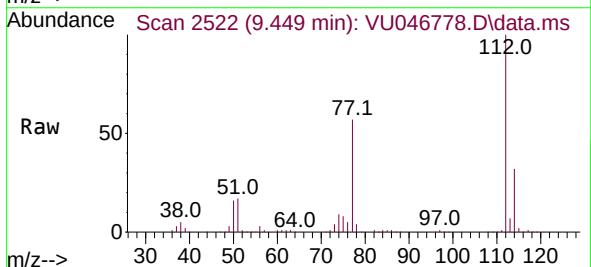


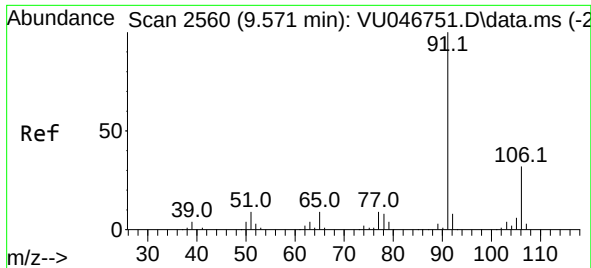
Tgt Ion:107 Resp: 145504
Ion Ratio Lower Upper
107 100
109 91.9 64.0 119.0
188 3.8 2.4 3.6#



#51
Chlorobenzene
Concen: 14.596 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Tgt Ion:112 Resp: 469383
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 56.5 48.3 72.5

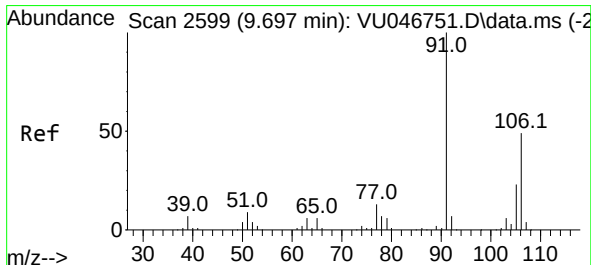
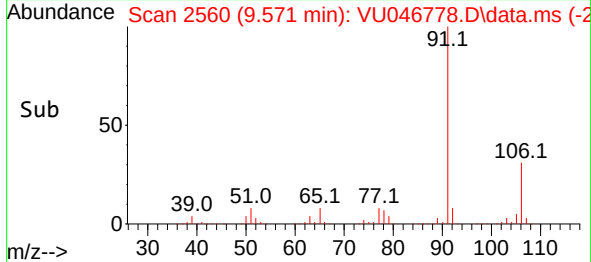
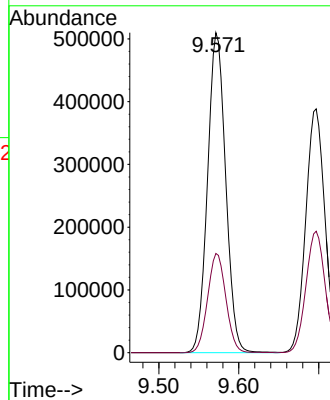
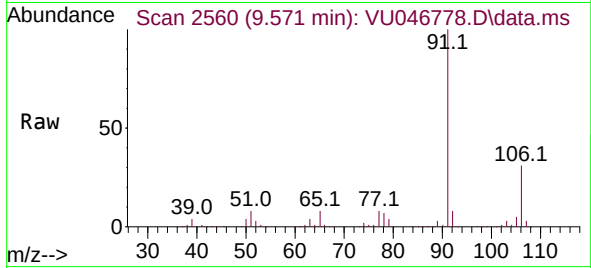




#52
Ethylbenzene
Concen: 15.458 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

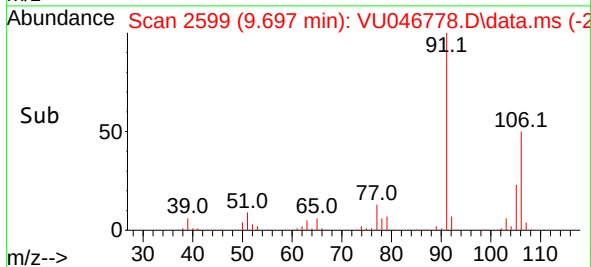
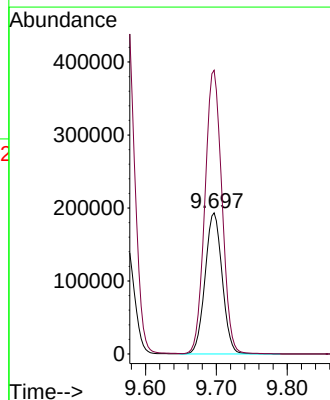
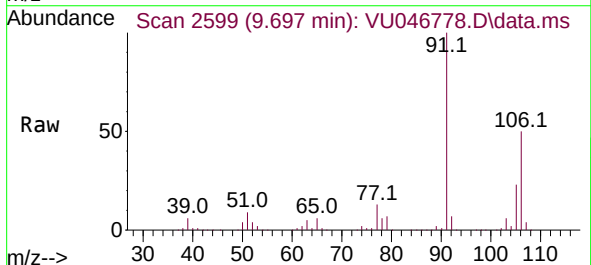
Instrument :
MSVOA_U
ClientSampleId :

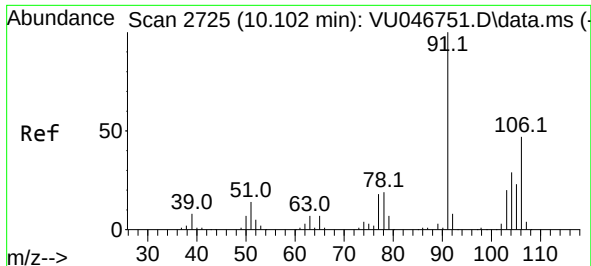
Tgt Ion: 91 Resp: 804061
Ion Ratio Lower Upper
91 100
106 31.0 21.5 39.9



#53
m,p-Xylene
Concen: 16.144 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Tgt Ion: 106 Resp: 323335
Ion Ratio Lower Upper
106 100
91 200.9 139.4 259.0

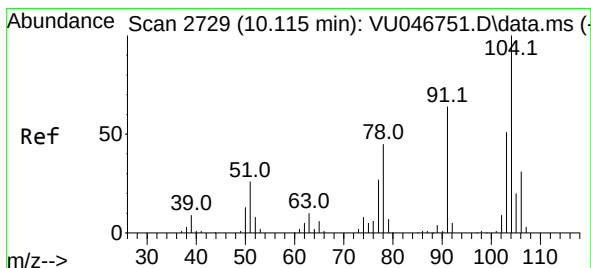
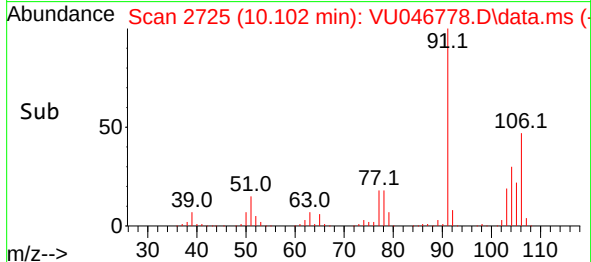
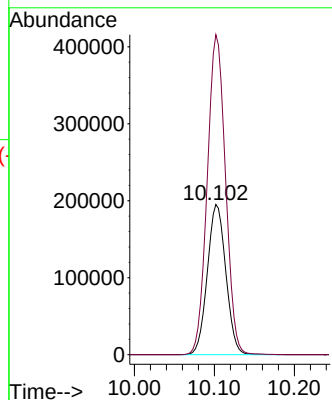
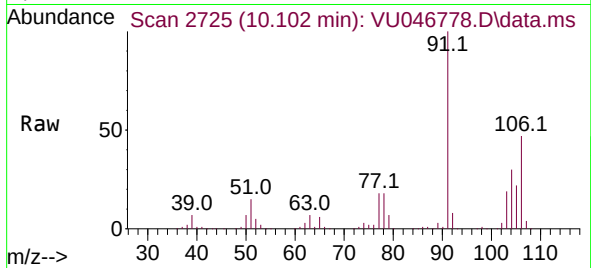




#54
o-Xylene
Concen: 16.416 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

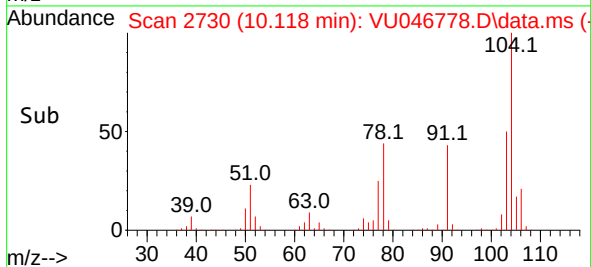
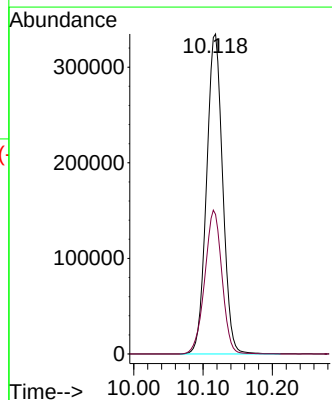
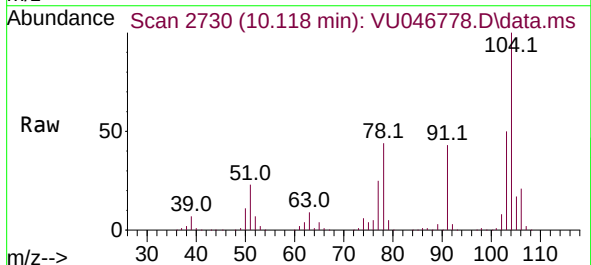
Instrument :
MSVOA_U
ClientSampleId :

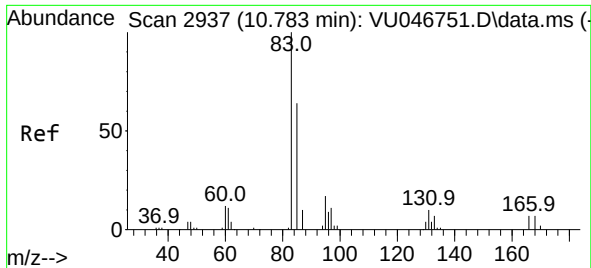
Tgt Ion:106 Resp: 313636
Ion Ratio Lower Upper
106 100
91 213.0 147.5 273.9



#55
Styrene
Concen: 16.346 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Tgt Ion:104 Resp: 538342
Ion Ratio Lower Upper
104 100
78 43.6 33.0 61.4

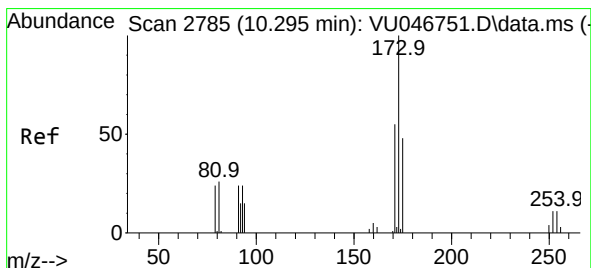
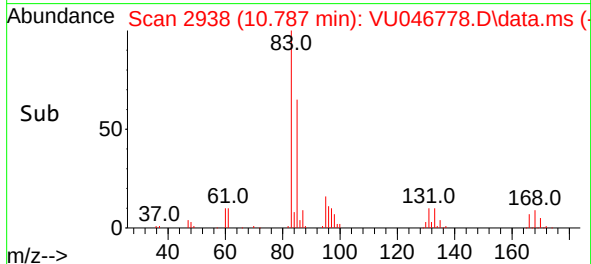
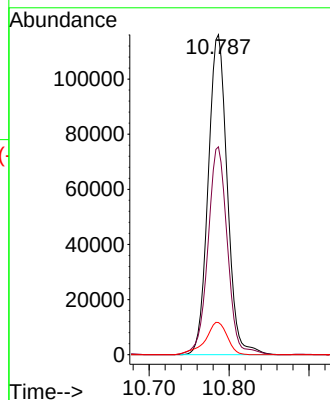
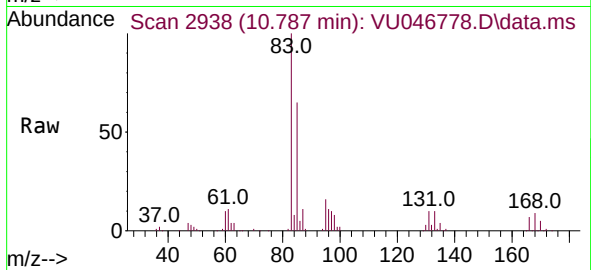




#57
1,1,2,2-Tetrachloroethane
Concen: 13.781 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

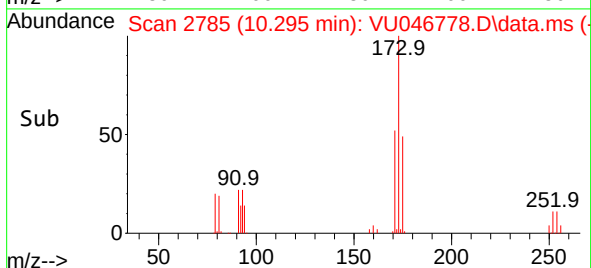
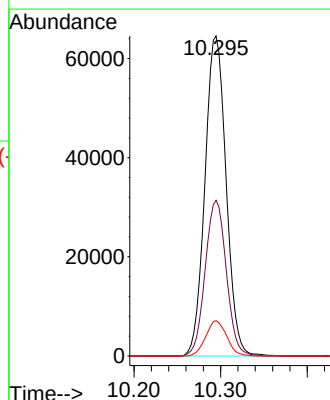
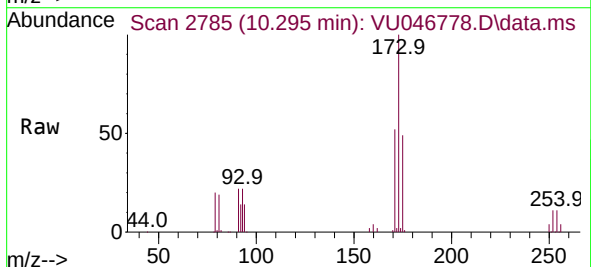
Instrument :
MSVOA_U
ClientSampleId :

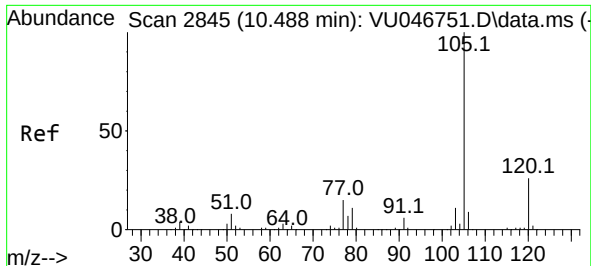
Tgt Ion: 83 Resp: 192312
Ion Ratio Lower Upper
83 100
85 64.9 47.9 89.1
131 10.1 8.1 12.1



#59
Bromoform
Concen: 13.234 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Tgt Ion:173 Resp: 109688
Ion Ratio Lower Upper
173 100
175 48.5 37.8 56.6
254 10.9 7.3 10.9

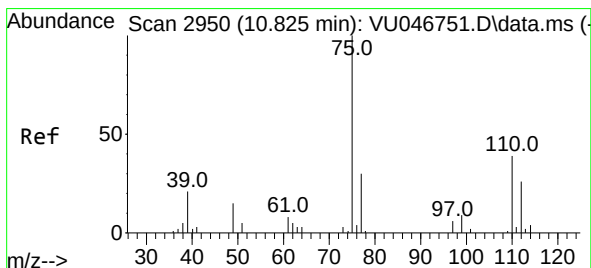
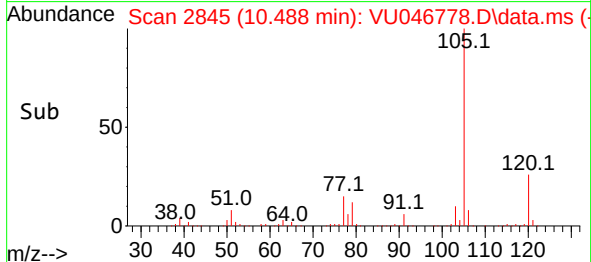
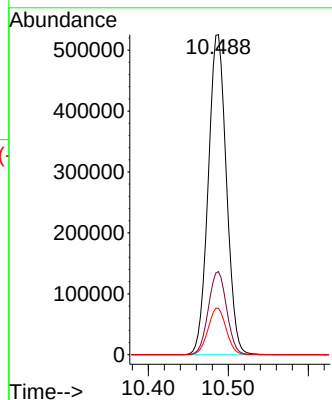
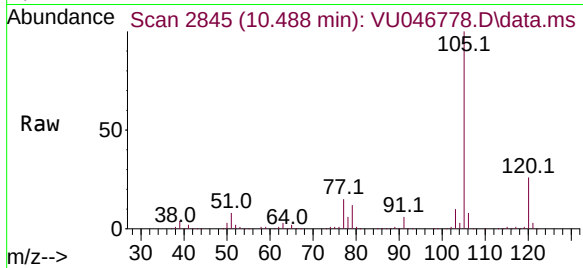




#60
Isopropylbenzene
Concen: 14.769 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

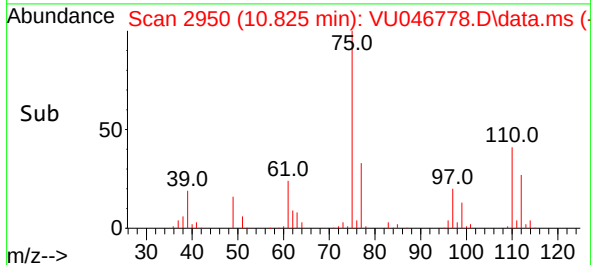
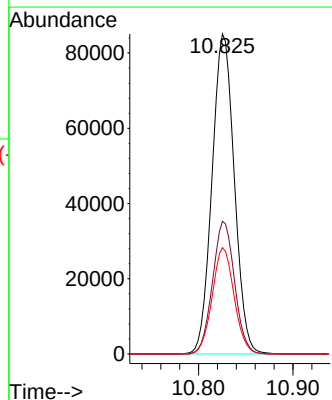
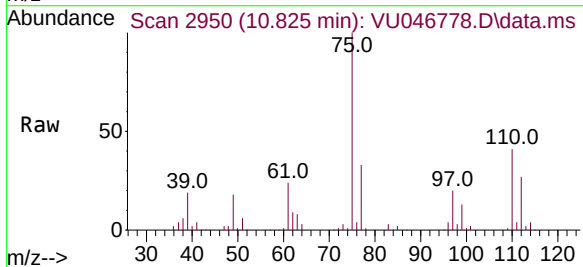
Instrument :
MSVOA_U
ClientSampleId :

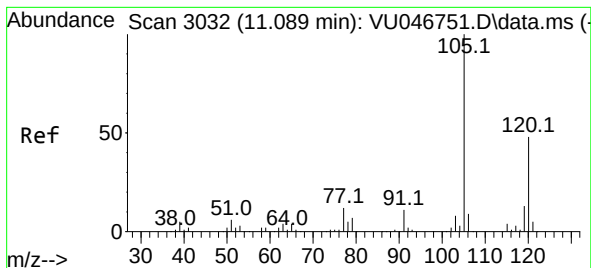
Tgt Ion:105 Resp: 830141
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 14.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 11.669 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Tgt Ion: 75 Resp: 139125
Ion Ratio Lower Upper
75 100
110 40.9 29.9 44.9
77 32.7 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 15.248 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

Instrument :

MSVOA_U

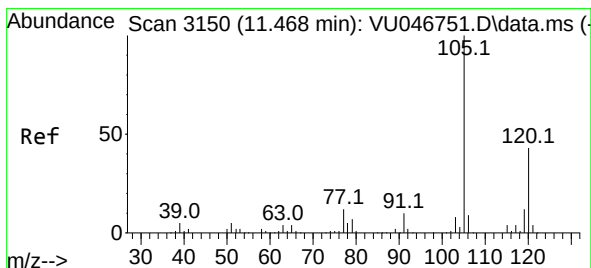
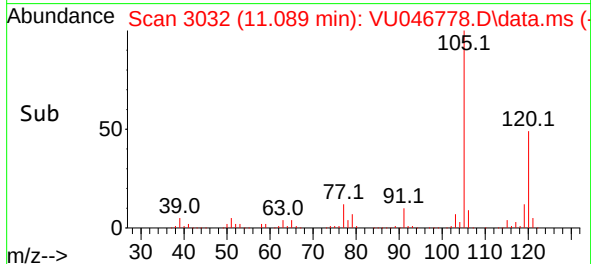
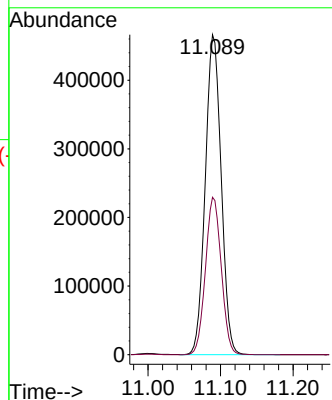
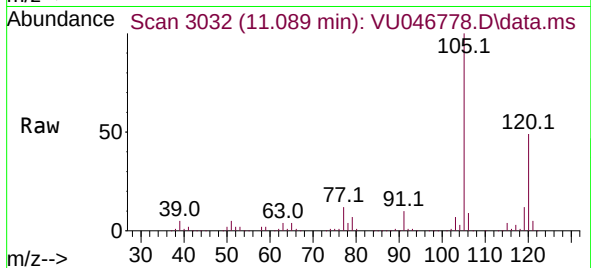
ClientSampleId :

Tgt Ion:105 Resp: 709574

Ion Ratio Lower Upper

105 100

120 49.0 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 15.531 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046778.D

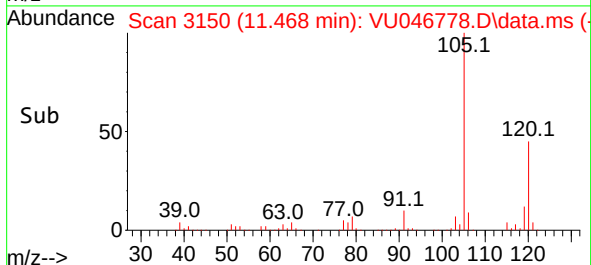
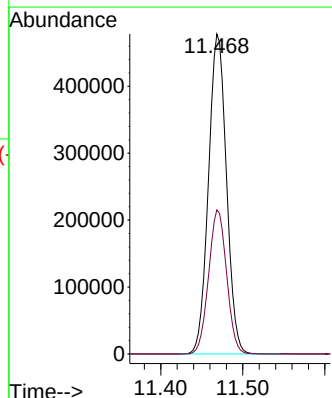
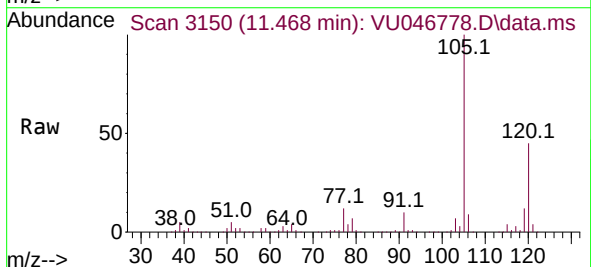
Acq: 18 Jan 2022 12:49

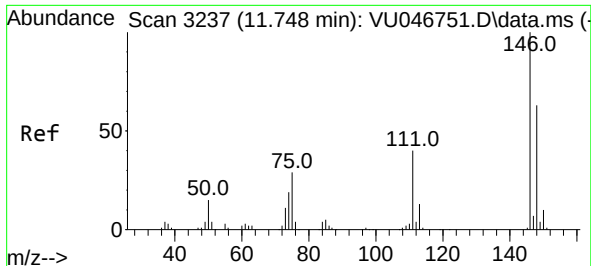
Tgt Ion:105 Resp: 728981

Ion Ratio Lower Upper

105 100

120 45.1 35.8 53.8

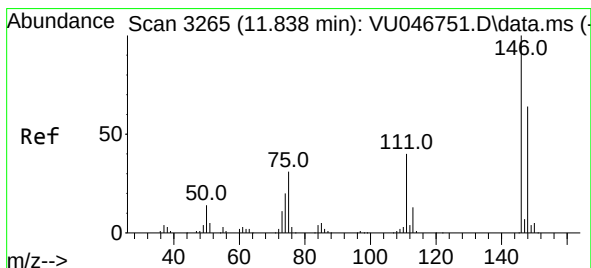
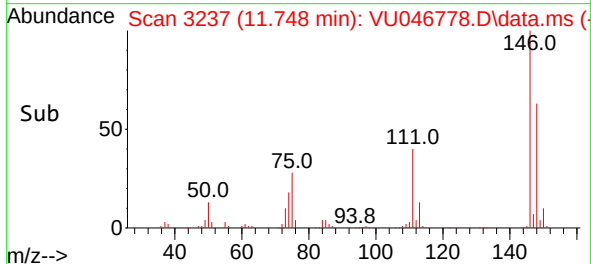
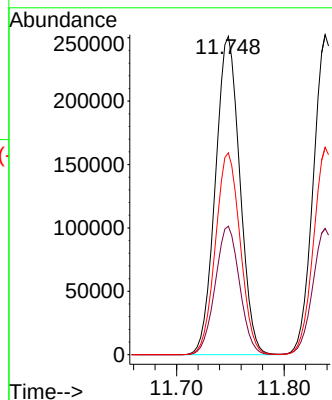
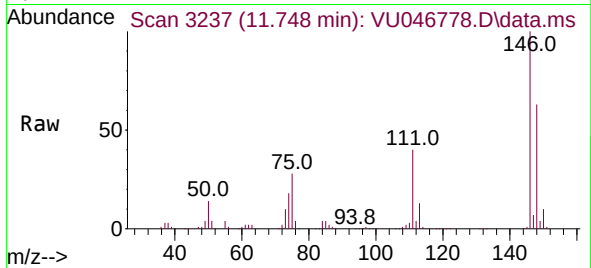




#64
1,3-Dichlorobenzene
Concen: 14.371 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

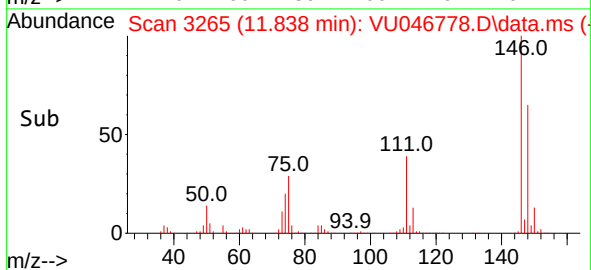
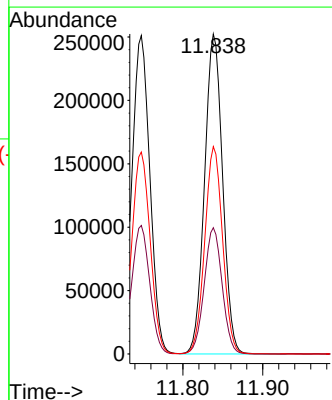
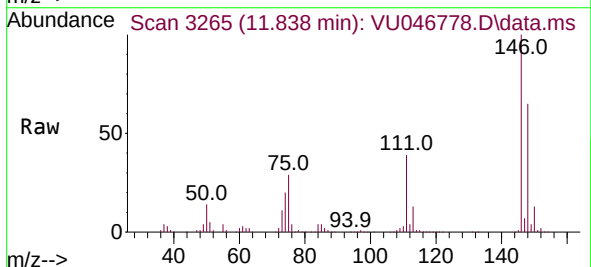
Instrument :
MSVOA_U
ClientSampleId :

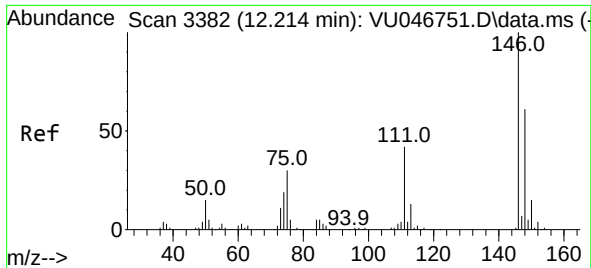
Tgt Ion:146 Resp: 396418
Ion Ratio Lower Upper
146 100
111 40.4 29.9 55.5
148 63.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 14.011 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Tgt Ion:146 Resp: 396073
Ion Ratio Lower Upper
146 100
111 39.5 28.7 53.3
148 64.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 13.798 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

Instrument :

MSVOA_U

ClientSampleId :

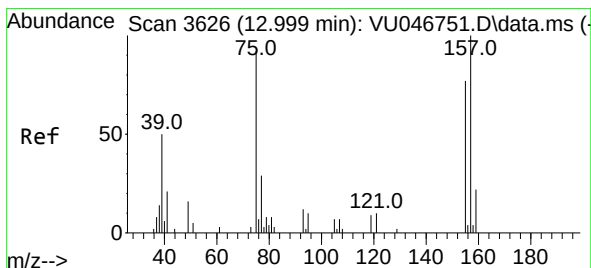
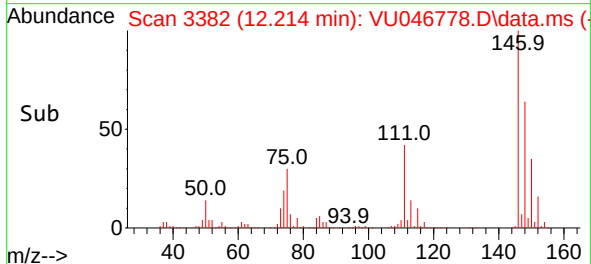
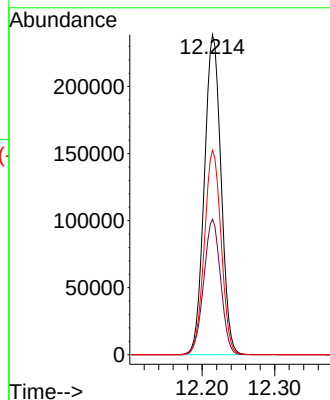
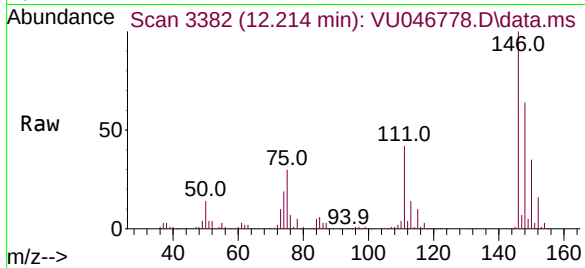
Tgt Ion:146 Resp: 380834

Ion Ratio Lower Upper

146 100

111 42.4 35.4 53.0

148 63.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 11.515 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU046778.D

Acq: 18 Jan 2022 12:49

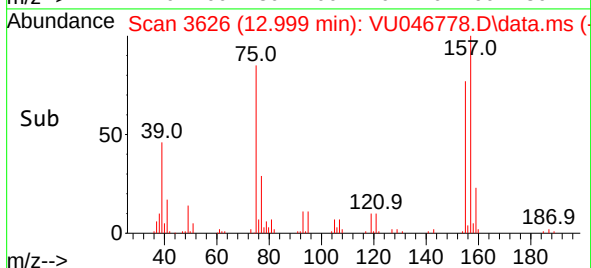
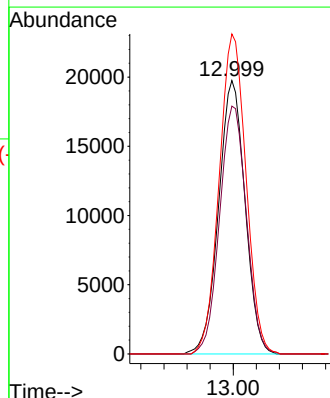
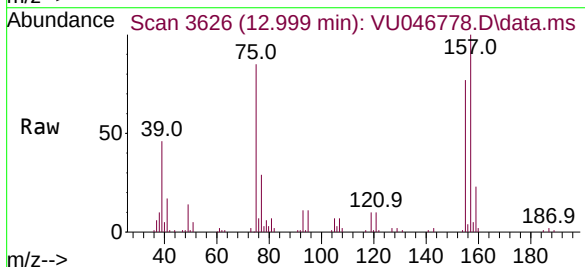
Tgt Ion: 75 Resp: 31438

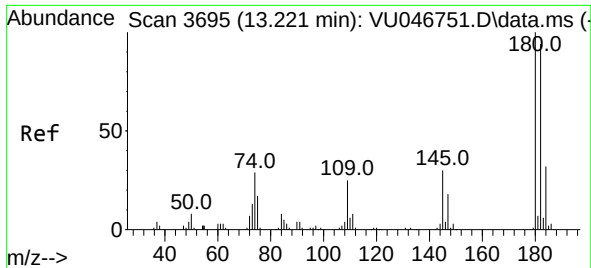
Ion Ratio Lower Upper

75 100

155 90.7 59.2 88.8#

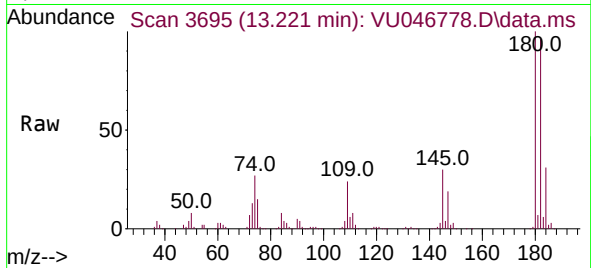
157 117.1 76.5 114.7#



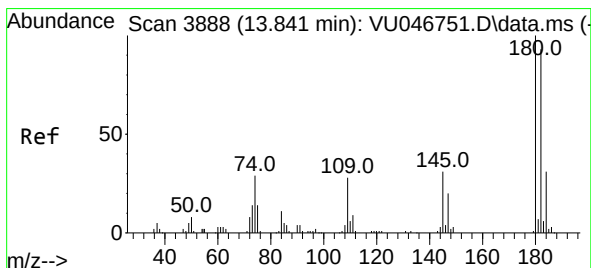
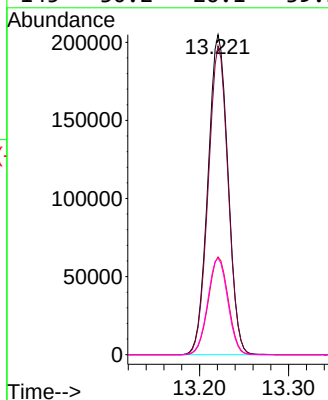
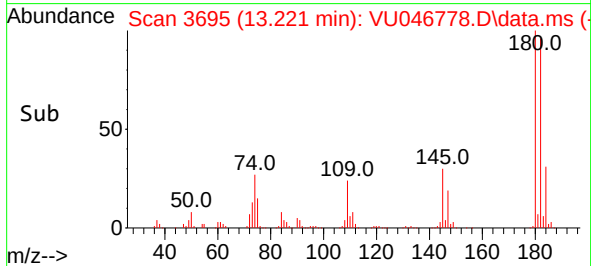


#69
 1,3,5-Trichlorobenzene
 Concen: 15.203 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046778.D
 Acq: 18 Jan 2022 12:49

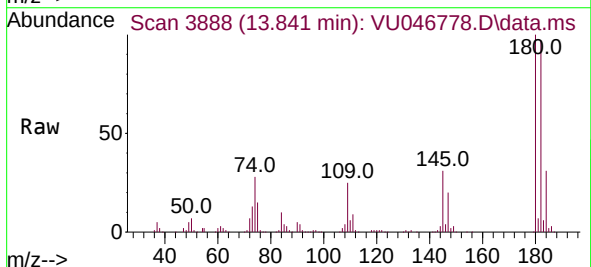
Instrument :
 MSVOA_U
 ClientSampleId :



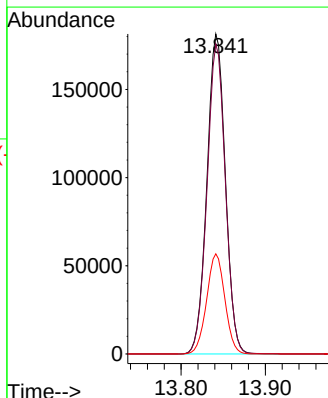
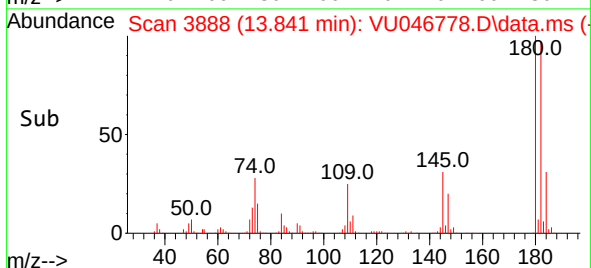
Tgt Ion:180 Resp: 319500
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.1 114.1
 184 30.4 25.0 37.4
 145 30.2 26.1 39.1

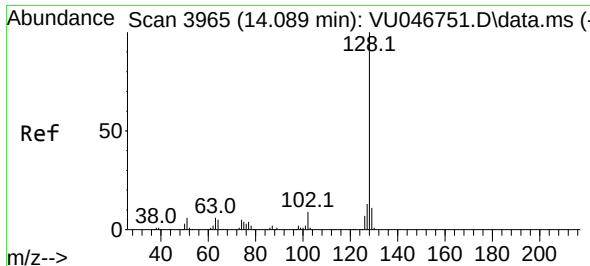


#70
 1,2,4-trichlorobenzene
 Concen: 15.443 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046778.D
 Acq: 18 Jan 2022 12:49



Tgt Ion:180 Resp: 276186
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.4 114.6
 145 30.9 25.6 38.4

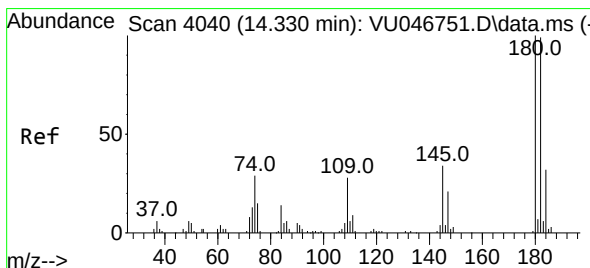
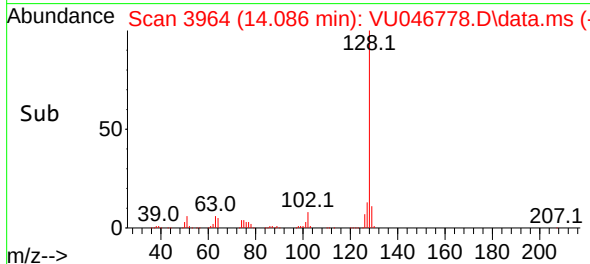
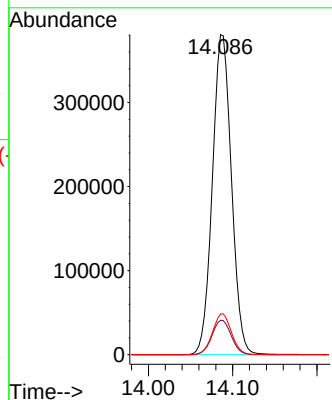
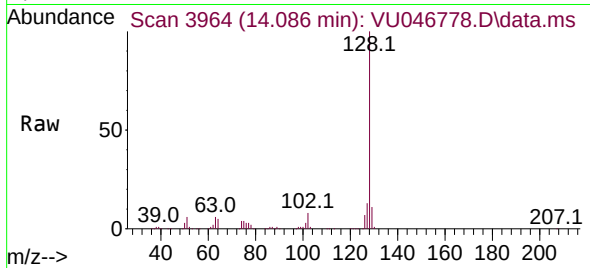




#71
Naphthalene
Concen: 15.471 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 597877
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 14.728 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046778.D
Acq: 18 Jan 2022 12:49

Tgt Ion:180 Resp: 257297
Ion Ratio Lower Upper
180 100
182 96.1 76.2 114.4
145 32.8 28.4 42.6

