

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047693.D
 Acq On : 25 Mar 2022 23:20
 Operator : SY/MD
 Sample : N2082-07MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z2MS

Quant Time: Mar 26 04:24:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:50:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	343808	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353791	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	209440	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	88319	35.424	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.840%
7) Chloroethane-d5	1.916	69	77912	39.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.260%
11) 1,1-Dichloroethene-d2	2.575	63	180866	39.651	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.300%
21) 2-Butanone-d5	4.632	46	176600	82.525	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.530%
24) Chloroform-d	5.067	84	182402	39.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.960%
26) 1,2-Dichloroethane-d4	5.703	65	109784	39.238	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.480%
32) Benzene-d6	5.729	84	351810	39.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.040%
36) 1,2-Dichloropropane-d6	6.693	67	111845	40.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.820%
41) Toluene-d8	7.899	98	341588	39.383	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.760%#
43) trans-1,3-Dichloroprop...	8.179	79	50982	36.808	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.620%
47) 2-Hexanone-d5	8.632	63	133162	83.201	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	188553	40.186	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.380%
66) 1,2-Dichlorobenzene-d4	12.192	152	148540	39.864	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.720%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	157004	49.257	ug/L	100
3) Chloromethane	1.523	50	153018	50.198	ug/L	99
5) Vinyl chloride	1.607	62	155410	49.989	ug/L	96
6) Bromomethane	1.861	94	88909	53.134	ug/L	100
8) Chloroethane	1.938	64	104459	53.524	ug/L	98
9) Trichlorofluoromethane	2.141	101	204567	46.663	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	120295	47.471	ug/L	99
12) 1,1-Dichloroethene	2.584	96	116586	49.435	ug/L	84
13) Acetone	2.642	43	157998	79.339	ug/L	97
14) Carbon disulfide	2.800	76	354871	47.604	ug/L	99
15) Methyl Acetate	2.954	43	93100	29.318	ug/L	98
16) Methylene chloride	3.051	84	135994	50.251	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	126528	49.741	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	377975	52.669	ug/L	100
19) 1,1-Dichloroethane	3.874	63	284437	64.835	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	190029	68.142	ug/L	95
22) 2-Butanone	4.710	43	247886	96.631	ug/L	98
23) Bromochloromethane	4.976	128	79185	51.716	ug/L	97
25) Chloroform	5.092	83	245691	52.018	ug/L	98

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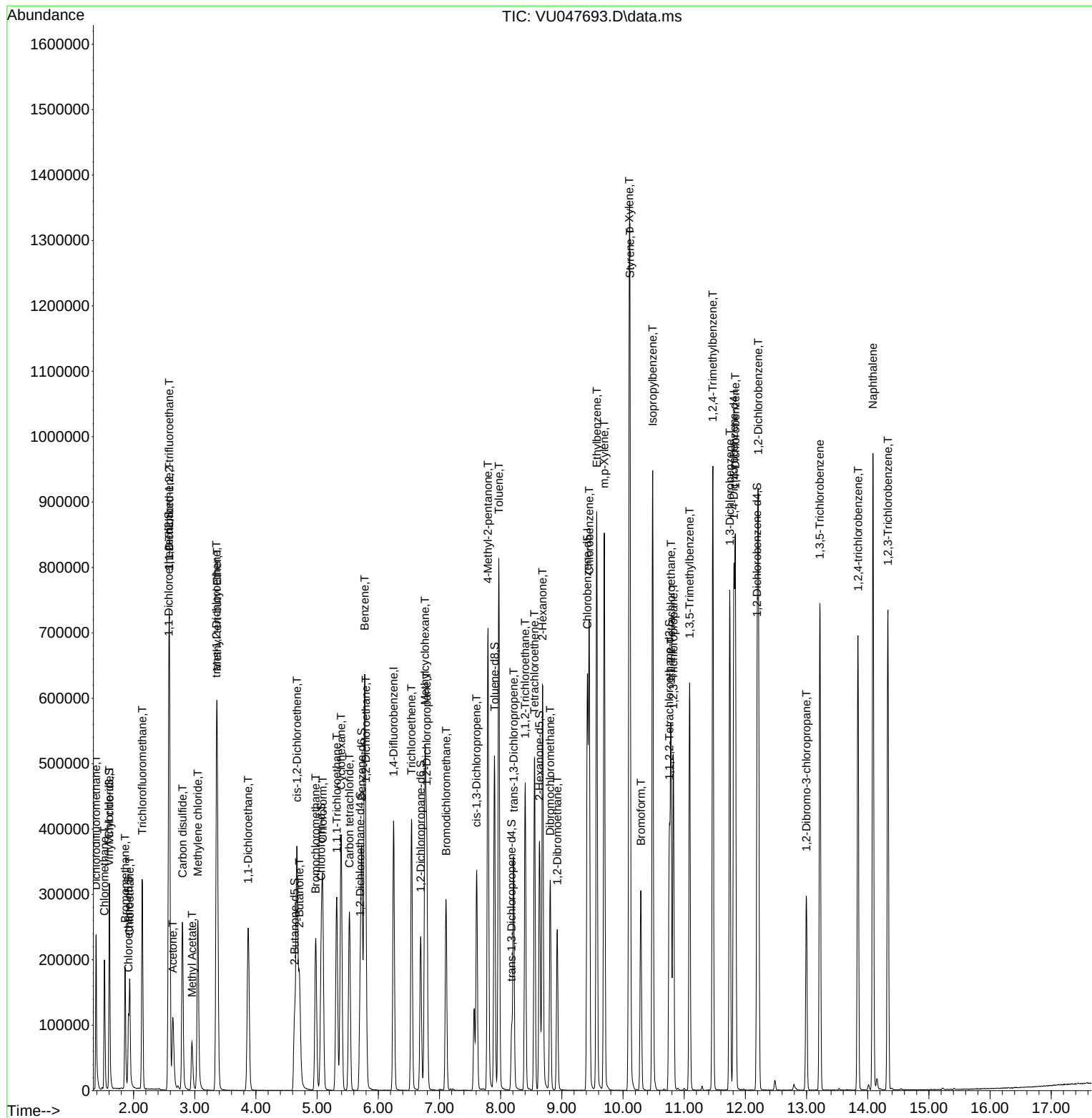
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	193445	53.011	ug/L	99
29) Cyclohexane	5.391	56	192824	53.711	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	211949	52.834	ug/L	99
31) Carbon tetrachloride	5.526	117	186554	51.499	ug/L	100
33) Benzene	5.777	78	533030	52.051	ug/L	100
34) Trichloroethene	6.542	95	138570	51.613	ug/L	99
35) Methylcyclohexane	6.764	83	204733	50.125	ug/L	99
37) 1,2-Dichloropropane	6.793	63	139543	53.602	ug/L	99
38) Bromodichloromethane	7.108	83	190066	53.166	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	195544	48.409	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	447624	108.792	ug/L	99
42) Toluene	7.970	91	596519	53.088	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	193429	47.960	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	143255	51.886	ug/L	97
46) Tetrachloroethene	8.552	164	115644	47.932	ug/L	97
48) 2-Hexanone	8.684	43	374597	105.841	ug/L	99
49) Dibromochloromethane	8.809	129	163623	51.167	ug/L	99
50) 1,2-Dibromoethane	8.925	107	161427	52.153	ug/L	99
51) Chlorobenzene	9.446	112	387872	50.839	ug/L	98
52) Ethylbenzene	9.571	91	618931	52.387	ug/L	99
53) m,p-Xylene	9.693	106	243986	52.631	ug/L	95
54) o-Xylene	10.102	106	238894	52.505	ug/L	98
55) Styrene	10.115	104	413305	53.205	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	267980	51.773	ug/L	99
59) Bromoform	10.291	173	137621	51.386	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	209395	53.034	ug/L	99
61) Isopropylbenzene	10.484	105	610069	53.897	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	327108	53.262	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	510511	54.724	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	317119	50.405	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	321540	49.341	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	324733	51.584	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	67974	53.746	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	243792	47.713	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	226094	50.518	ug/L	100
71) Naphthalene	14.085	128	760598	57.003	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	233289	51.997	ug/L	99

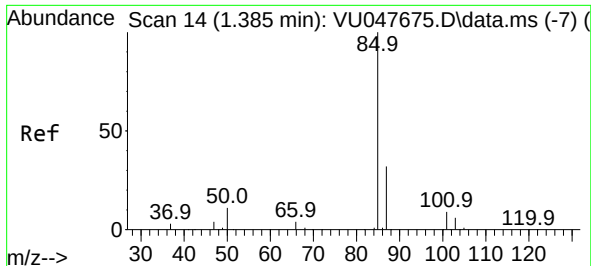
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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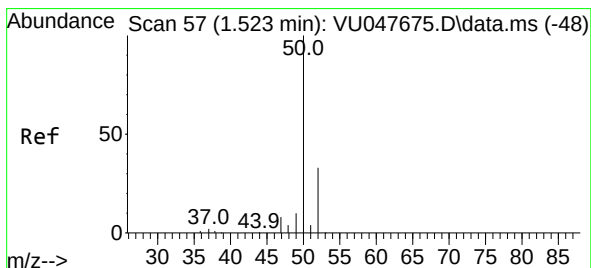
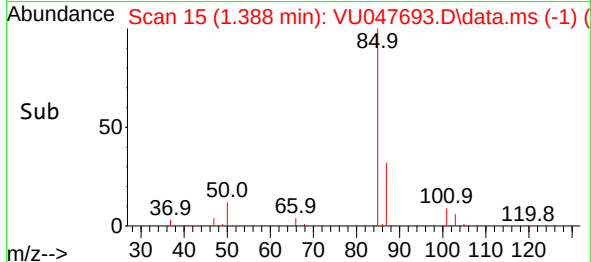
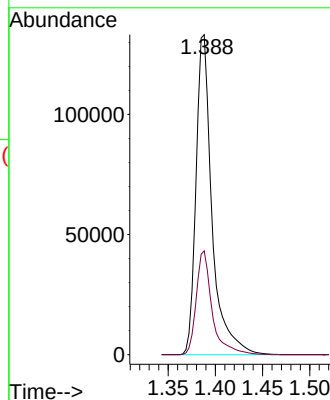
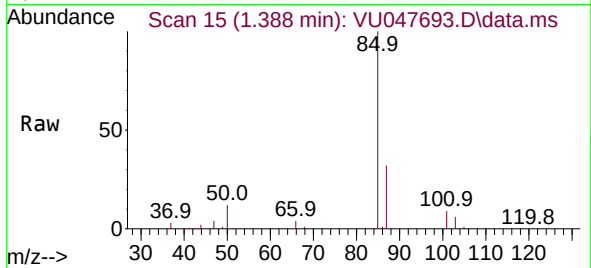




#2
Dichlorodifluoromethane
Concen: 49.257 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

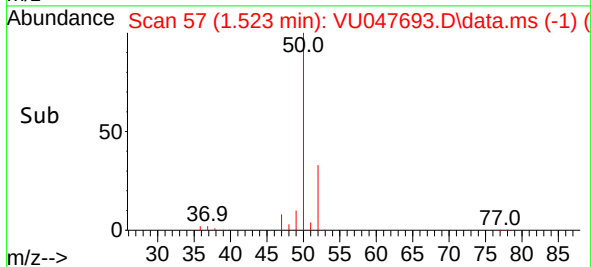
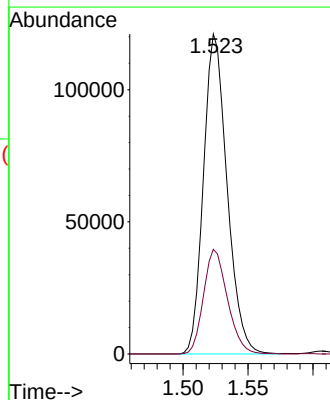
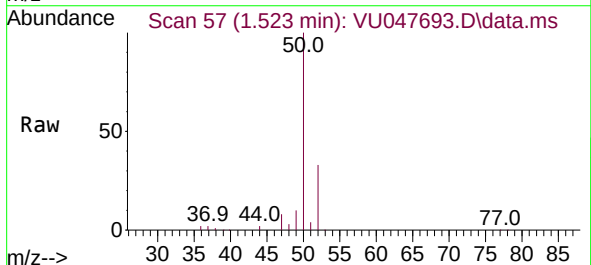
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MS

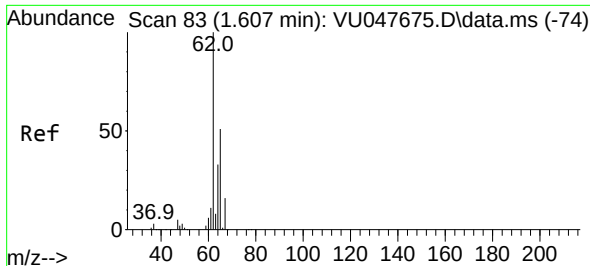
Tgt Ion: 85 Resp: 157004
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.8



#3
Chloromethane
Concen: 50.198 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

Tgt Ion: 50 Resp: 153018
Ion Ratio Lower Upper
50 100
52 32.7 23.2 43.2

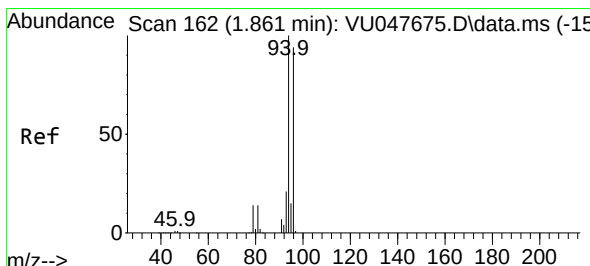
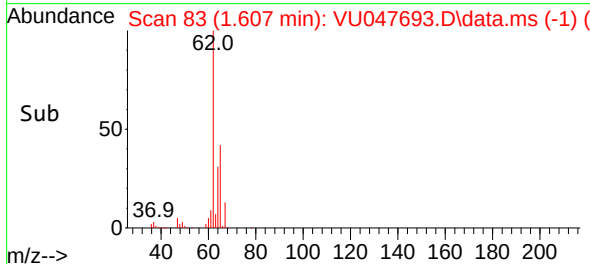
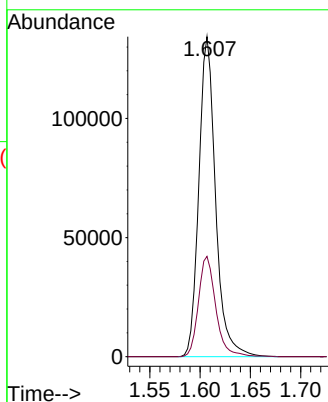
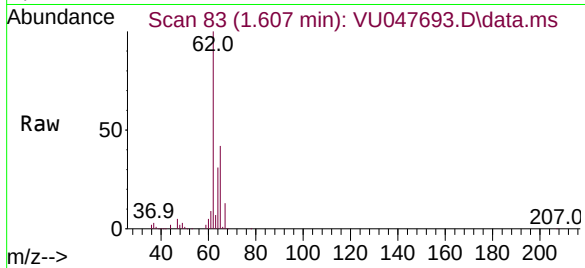




#5
 Vinyl chloride
 Concen: 49.989 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047693.D
 Acq: 25 Mar 2022 23:20

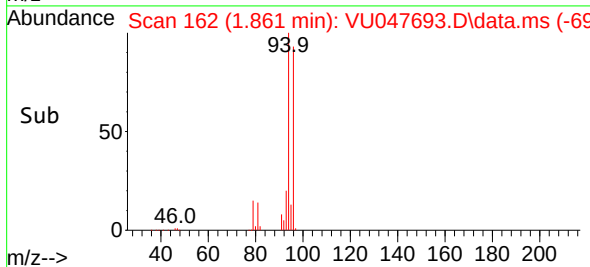
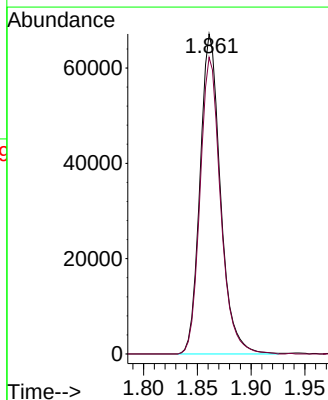
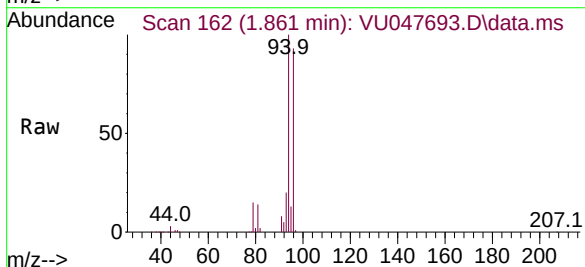
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z2MS

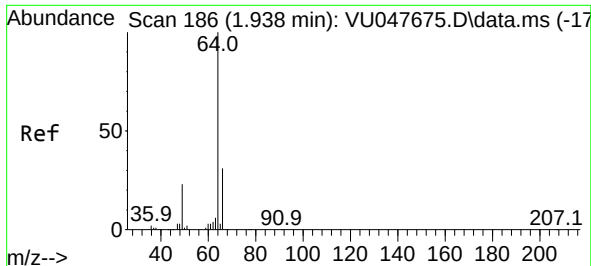
Tgt Ion: 62 Resp: 155410
 Ion Ratio Lower Upper
 62 100
 64 31.4 23.7 43.9



#6
 Bromomethane
 Concen: 53.134 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU047693.D
 Acq: 25 Mar 2022 23:20

Tgt Ion: 94 Resp: 88909
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.8 120.3

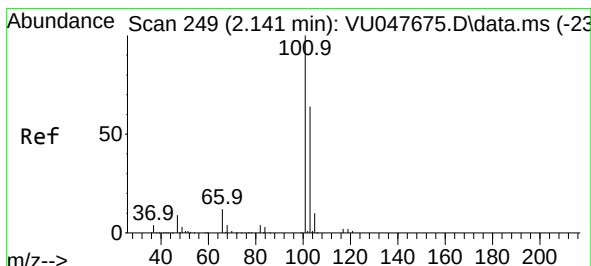
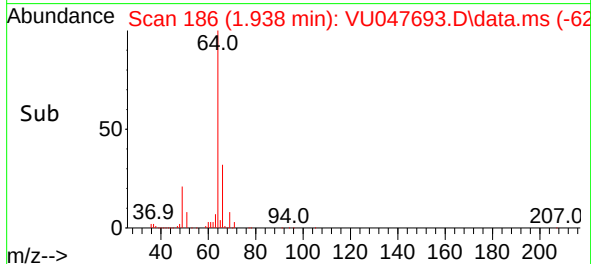
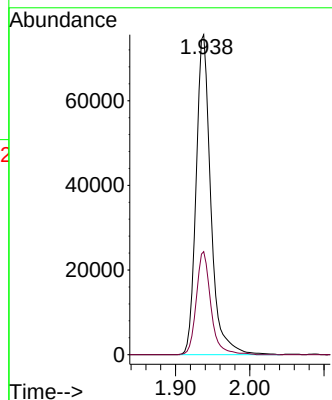
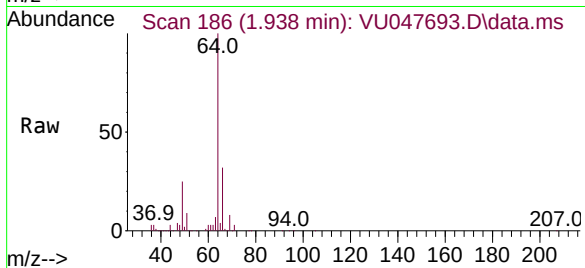




#8
Chloroethane
Concen: 53.524 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

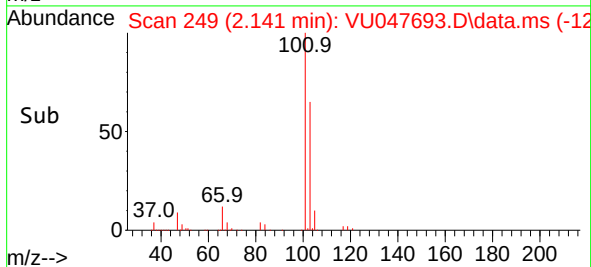
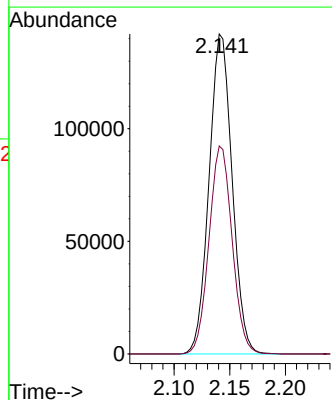
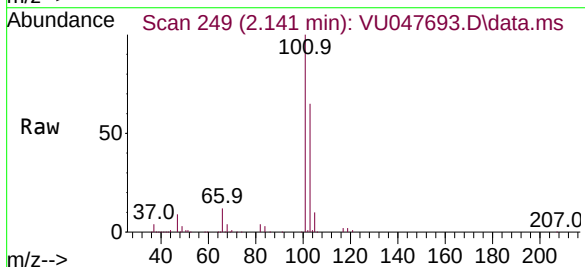
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MS

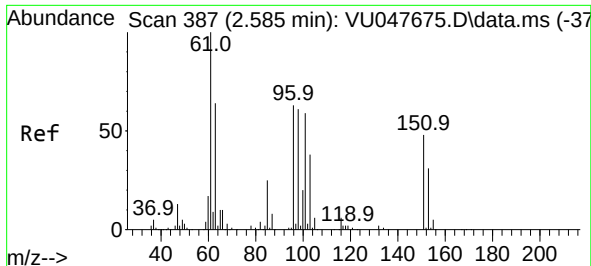
Tgt Ion: 64 Resp: 104459
Ion Ratio Lower Upper
64 100
66 32.2 23.3 43.3



#9
Trichlorofluoromethane
Concen: 46.663 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

Tgt Ion:101 Resp: 204567
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2





#10

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

Concen: 47.471 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

Instrument :

MSVOA_U

ClientSampleId :

EW5Z2MS

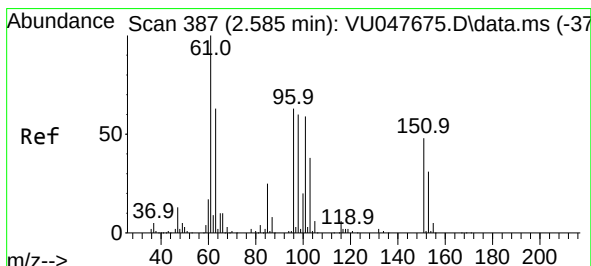
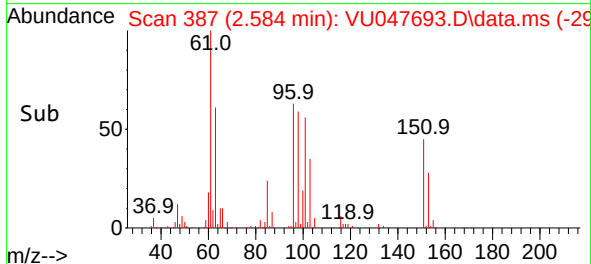
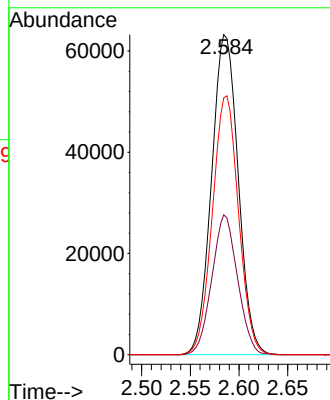
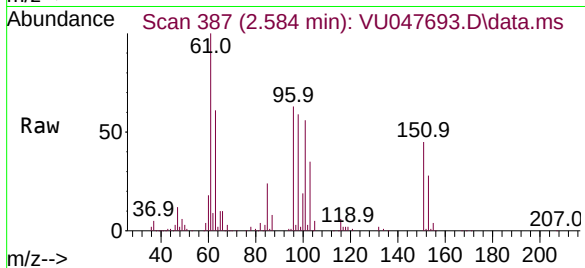
Tgt Ion:101 Resp: 120295

Ion Ratio Lower Upper

101 100

85 42.1 32.8 49.2

151 79.4 63.0 94.6



#12

1,1-Dichloroethene

Concen: 49.435 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

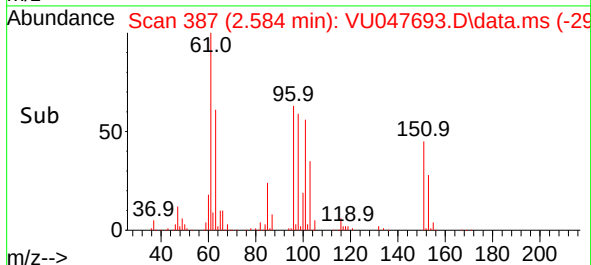
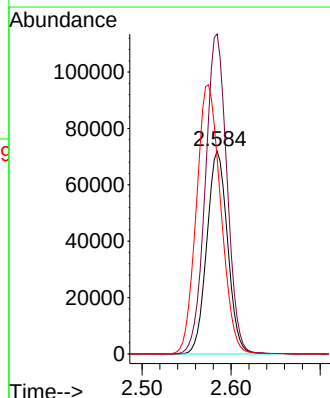
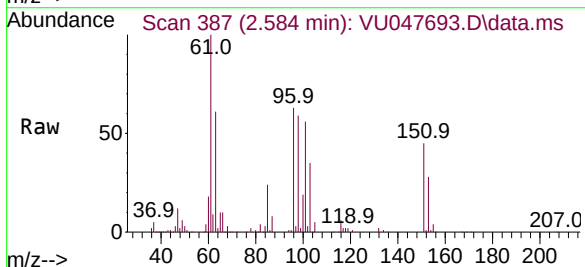
Tgt Ion: 96 Resp: 116586

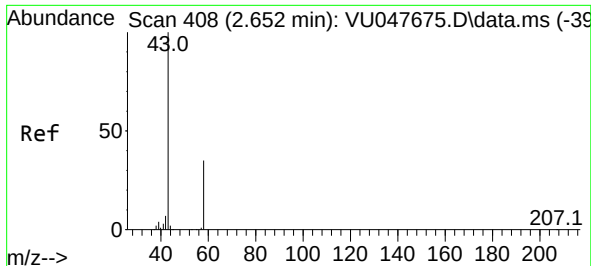
Ion Ratio Lower Upper

96 100

61 157.9 113.1 210.1

63 96.3 94.8 176.0





#13

Acetone

Concen: 79.339 ug/L

RT: 2.642 min Scan# 408

Delta R.T. -0.010 min

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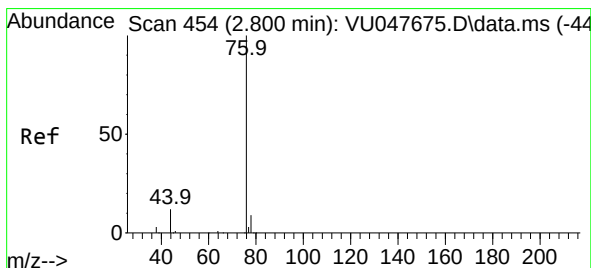
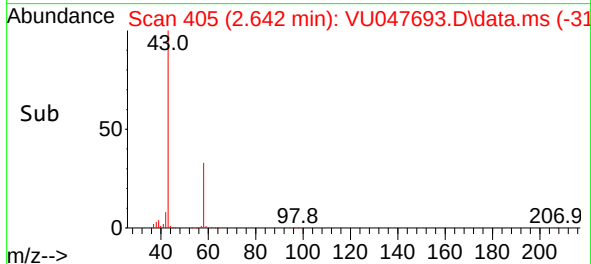
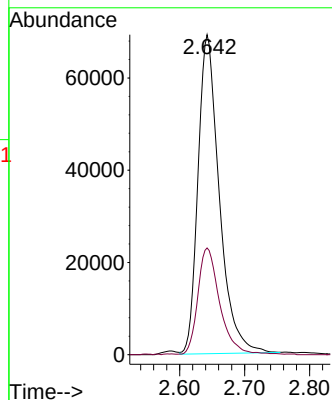
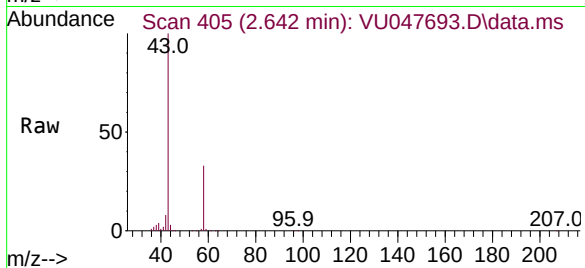
EW5Z2MS

Tgt Ion: 43 Resp: 157998

Ion Ratio Lower Upper

43 100

58 33.5 0.0 70.0



#14

Carbon disulfide

Concen: 47.604 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047693.D

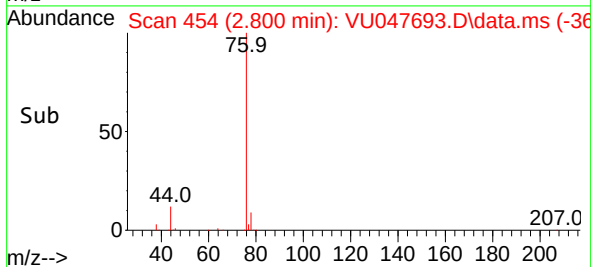
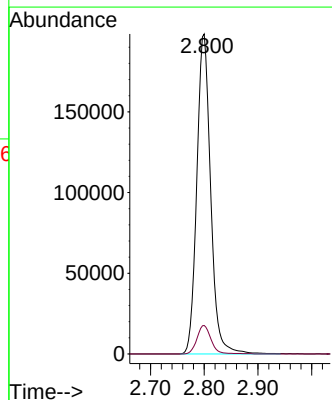
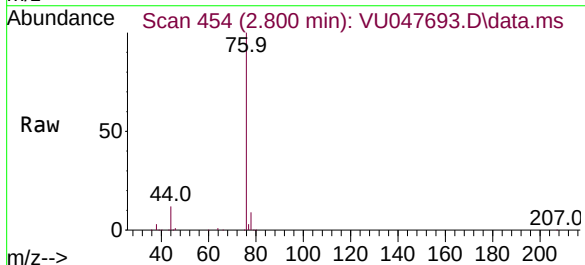
Acq: 25 Mar 2022 23:20

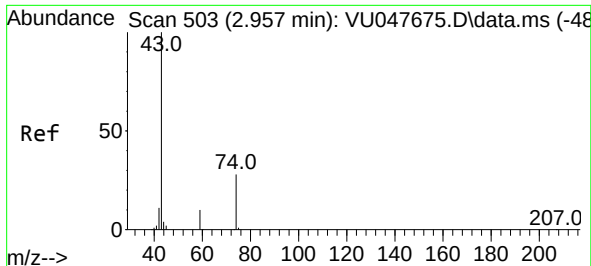
Tgt Ion: 76 Resp: 354871

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

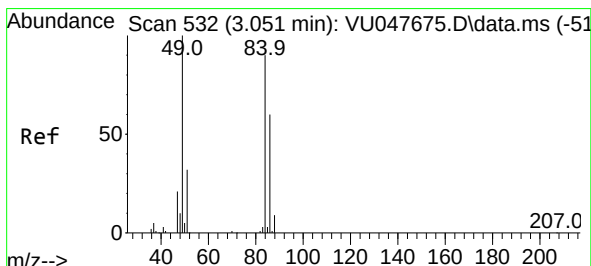
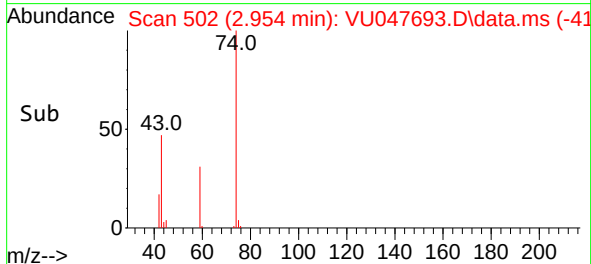
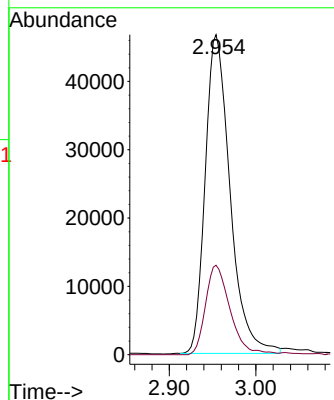
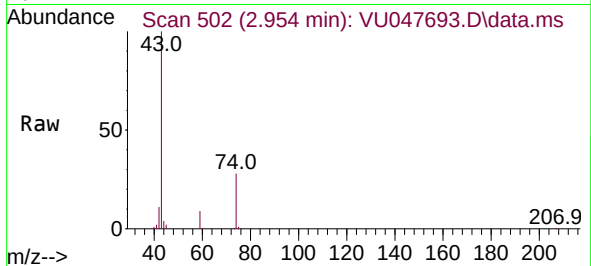




#15
Methyl Acetate
Concen: 29.318 ug/L
RT: 2.954 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

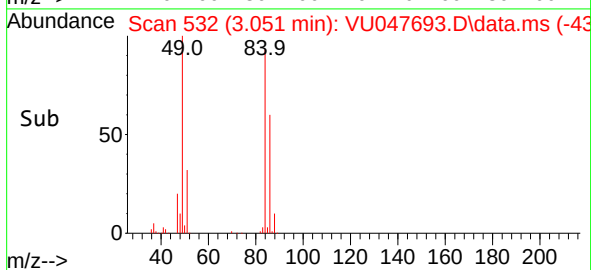
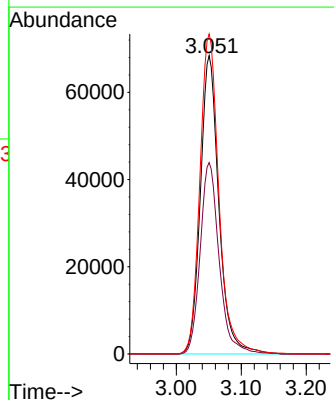
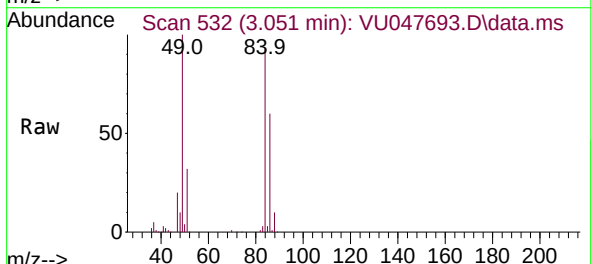
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MS

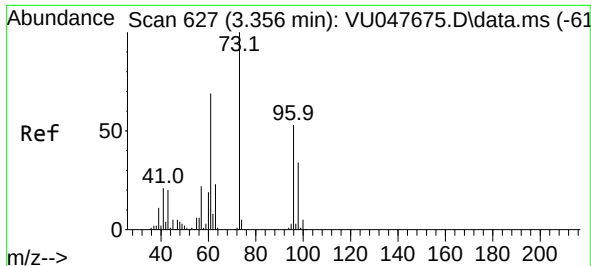
Tgt Ion: 43 Resp: 93100
Ion Ratio Lower Upper
43 100
74 26.8 22.2 33.2



#16
Methylene chloride
Concen: 50.251 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

Tgt Ion: 84 Resp: 135994
Ion Ratio Lower Upper
84 100
86 64.1 46.0 85.4
49 107.2 75.3 139.8

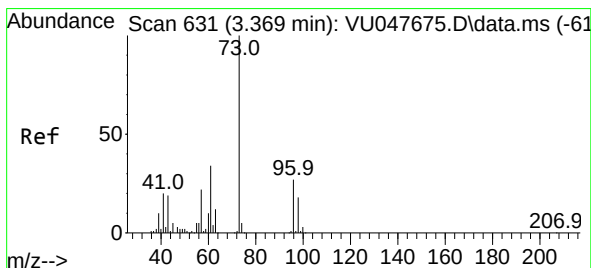
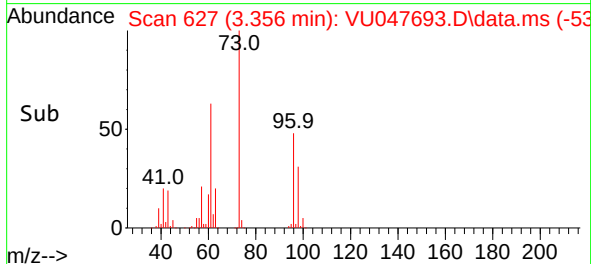
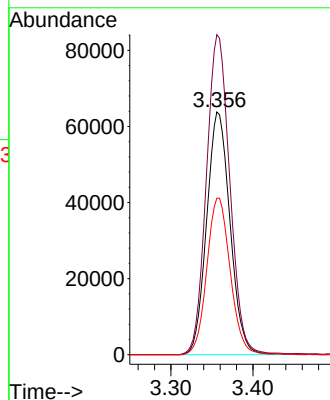
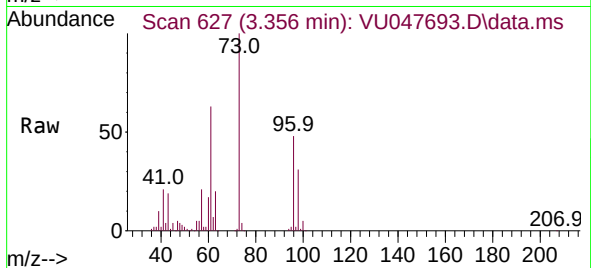




#17
trans-1,2-Dichloroethene
Concen: 49.741 ug/L
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

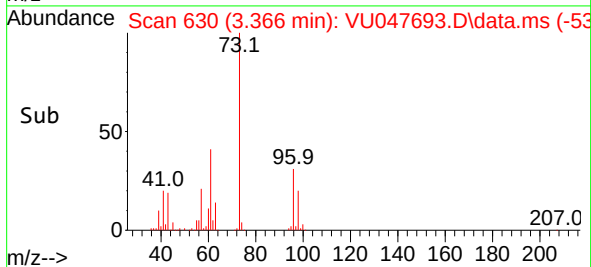
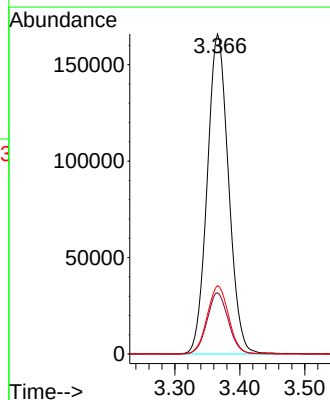
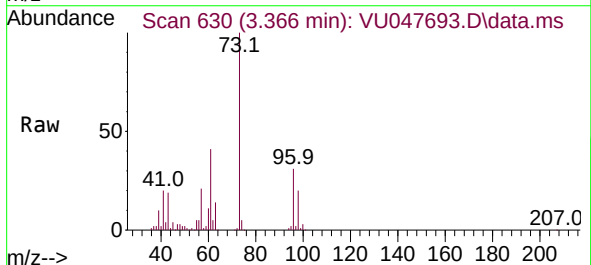
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MS

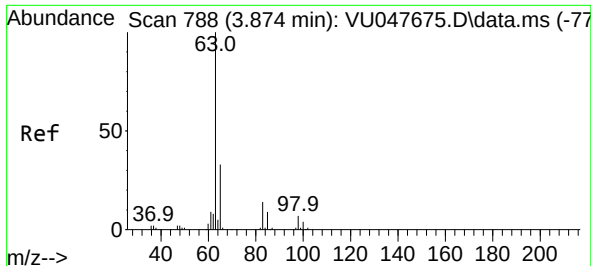
Tgt Ion: 96 Resp: 126528
Ion Ratio Lower Upper
96 100
61 131.8 88.4 164.2
98 64.4 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 52.669 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

Tgt Ion: 73 Resp: 377975
Ion Ratio Lower Upper
73 100
43 19.2 15.3 22.9
57 21.5 17.0 25.6





#19

1,1-Dichloroethane

Concen: 64.835 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

Instrument :

MSVOA_U

ClientSampleId :

EW5Z2MS

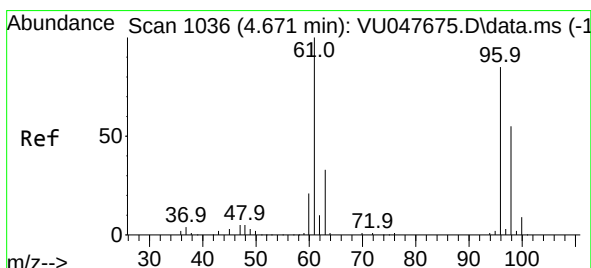
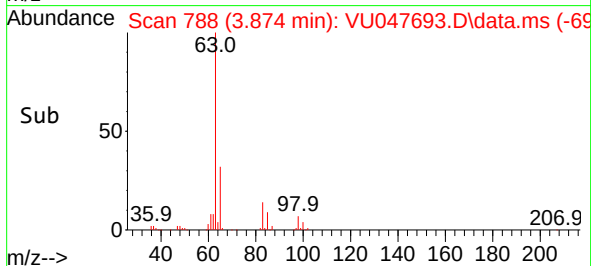
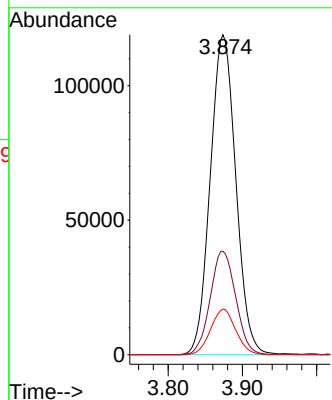
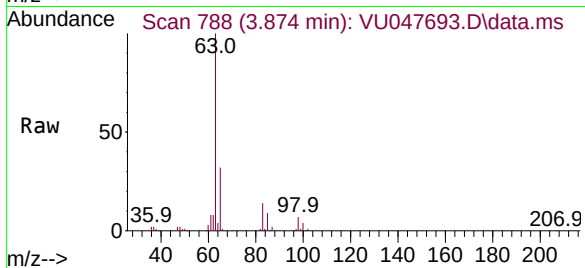
Tgt Ion: 63 Resp: 284437

Ion Ratio Lower Upper

63 100

65 32.3 22.0 41.0

83 14.3 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 68.142 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

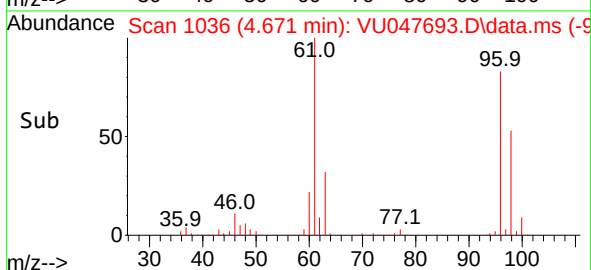
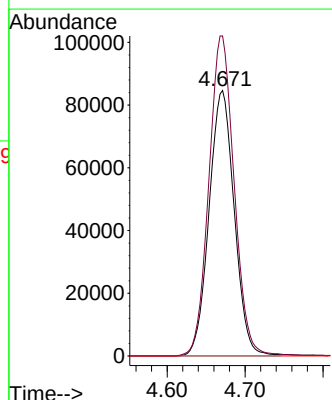
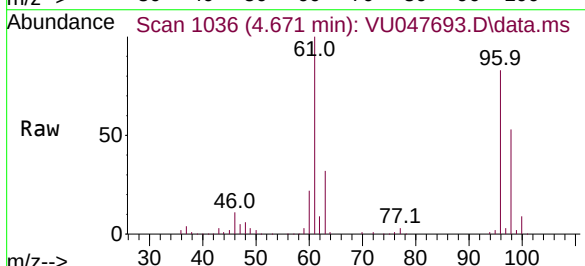
Tgt Ion: 96 Resp: 190029

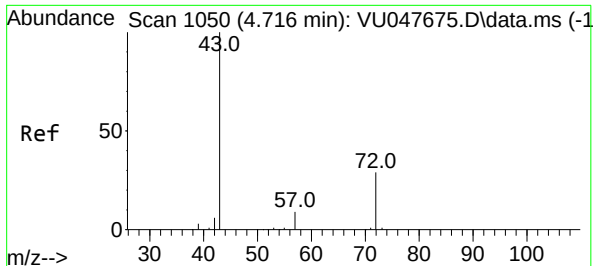
Ion Ratio Lower Upper

96 100

61 120.5 80.7 149.9

68 0.0 0.0 0.0

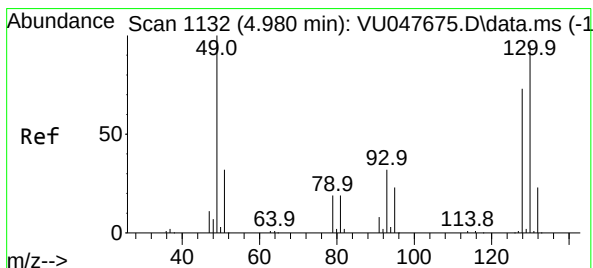
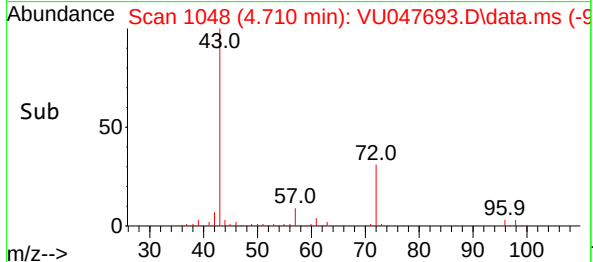
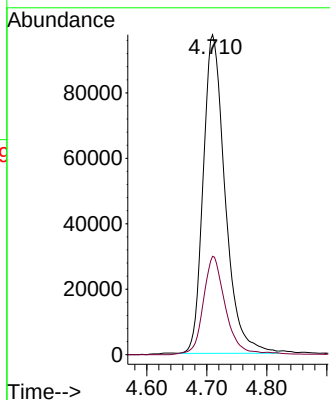
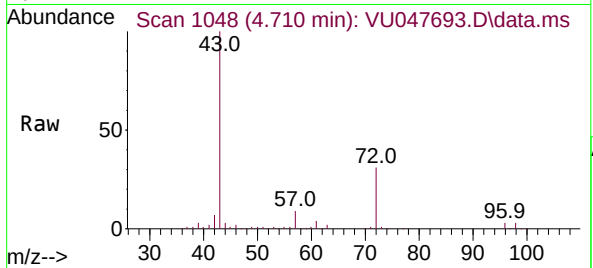




#22
2-Butanone
Concen: 96.631 ug/L
RT: 4.710 min Scan# 1104
Delta R.T. -0.007 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

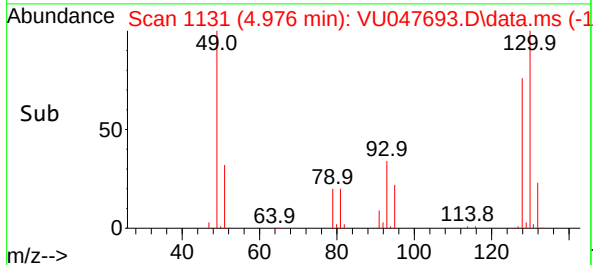
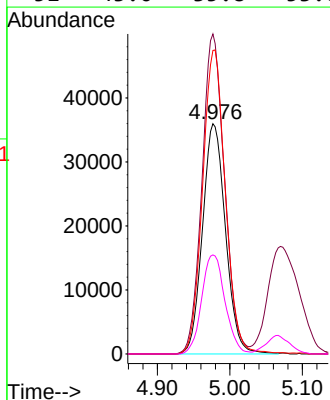
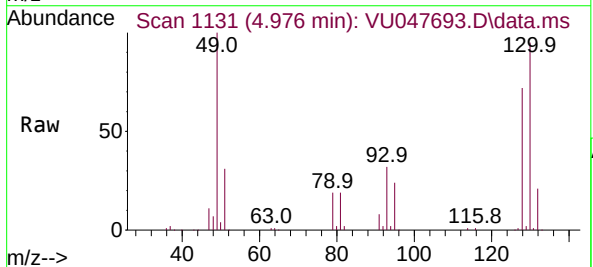
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MS

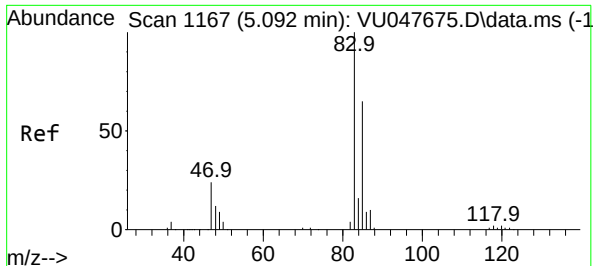
Tgt Ion: 43 Resp: 247886
Ion Ratio Lower Upper
43 100
72 30.9 16.0 47.9



#23
Bromochloromethane
Concen: 51.716 ug/L
RT: 4.976 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

Tgt Ion:128 Resp: 79185
Ion Ratio Lower Upper
128 100
49 139.0 94.1 174.8
130 131.9 90.2 167.4
51 43.0 35.8 53.6





#25

Chloroform

Concen: 52.018 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

Instrument :

MSVOA_U

ClientSampleId :

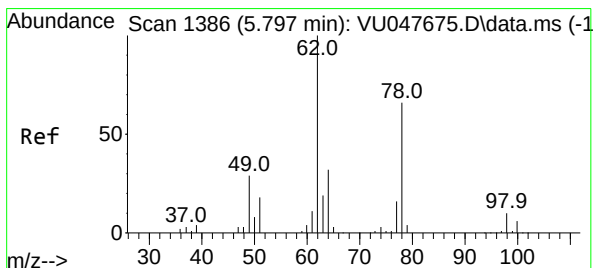
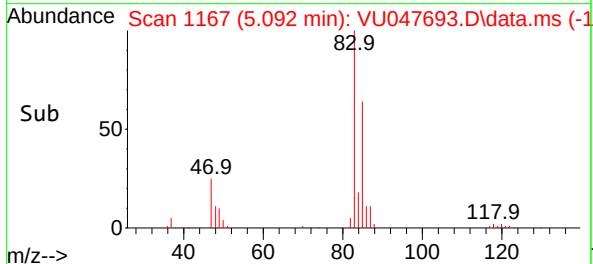
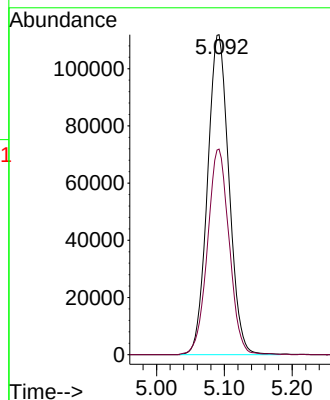
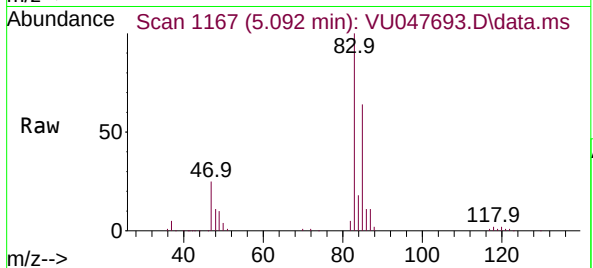
EW5Z2MS

Tgt Ion: 83 Resp: 245691

Ion Ratio Lower Upper

83 100

85 64.3 46.2 85.8



#27

1,2-Dichloroethane

Concen: 53.011 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047693.D

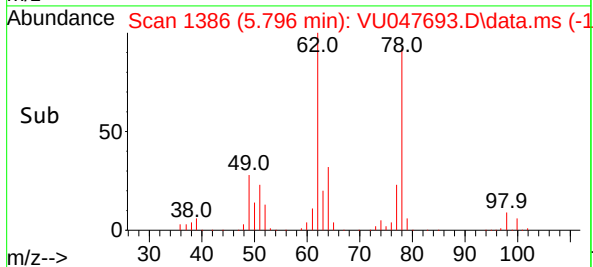
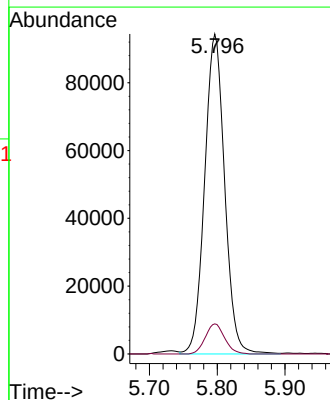
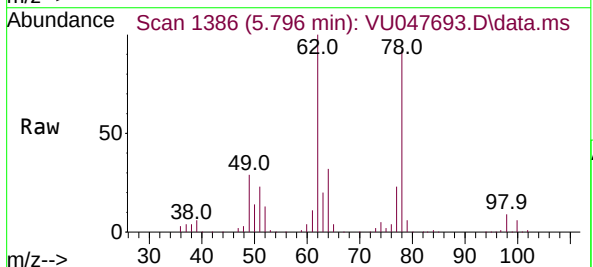
Acq: 25 Mar 2022 23:20

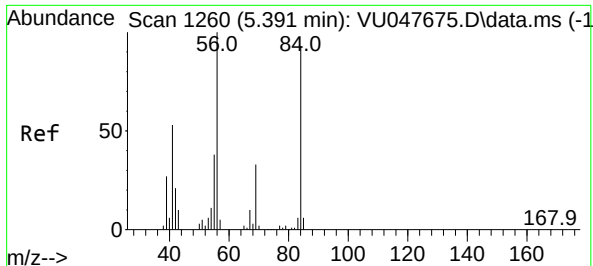
Tgt Ion: 62 Resp: 193445

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.0





#29

Cyclohexane

Concen: 53.711 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

Instrument :

MSVOA_U

ClientSampleId :

EW5Z2MS

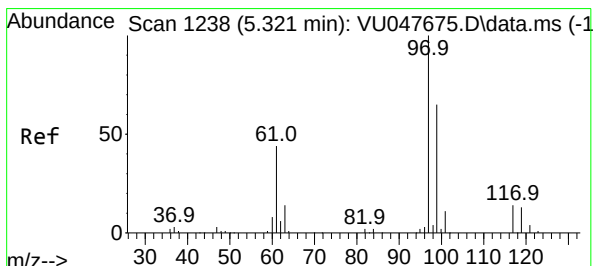
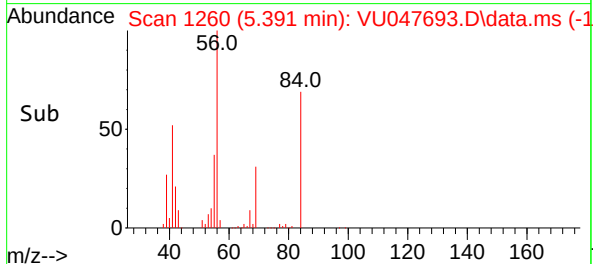
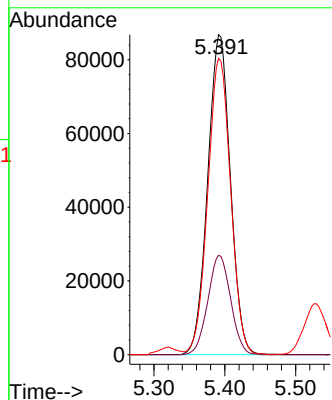
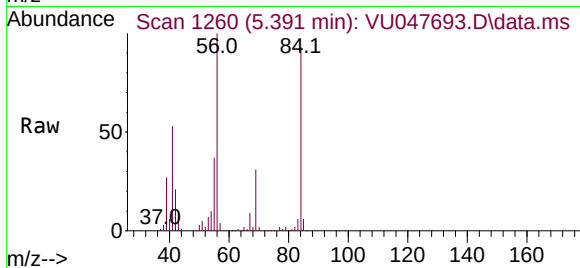
Tgt Ion: 56 Resp: 192824

Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.2

84 93.6 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 52.834 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

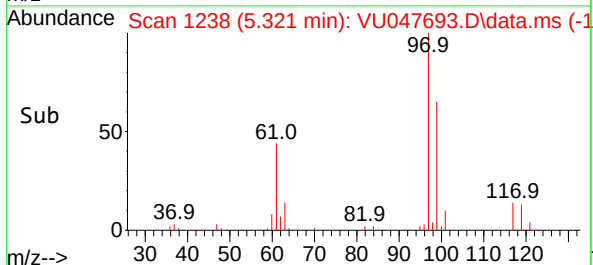
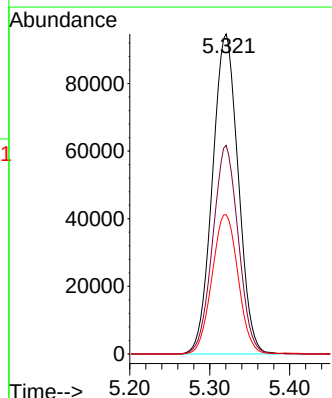
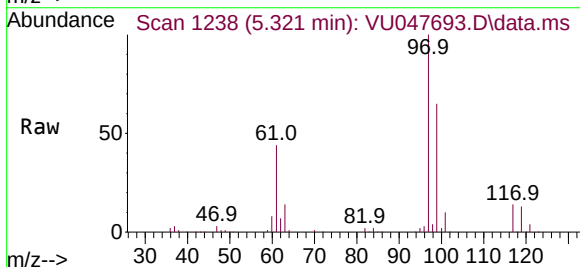
Tgt Ion: 97 Resp: 211949

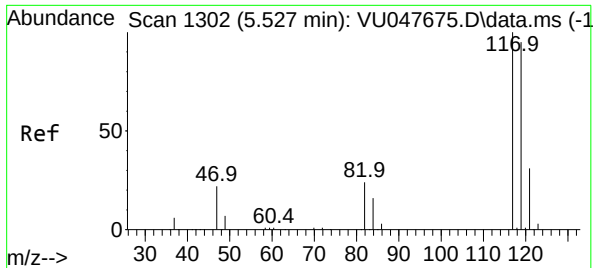
Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

61 44.1 34.2 51.4

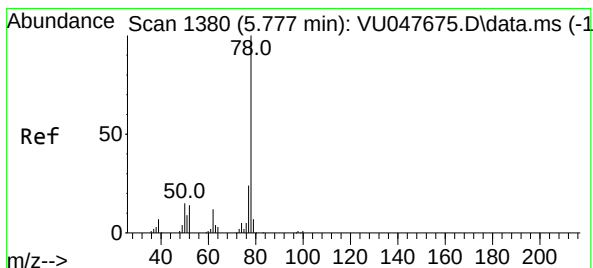
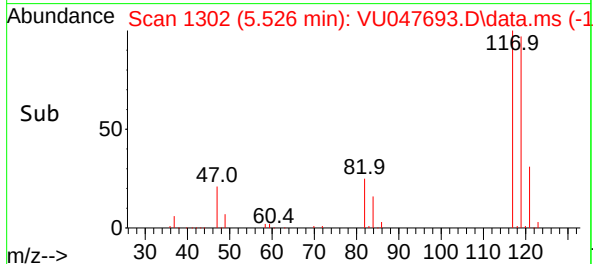
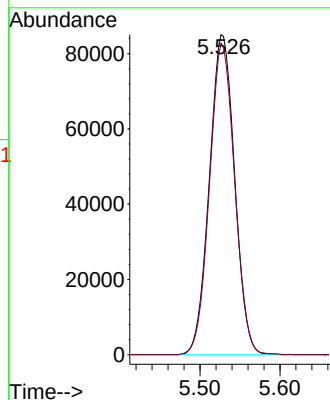
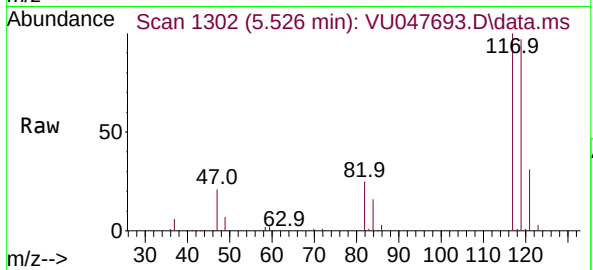




#31
Carbon tetrachloride
Concen: 51.499 ug/L
RT: 5.526 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

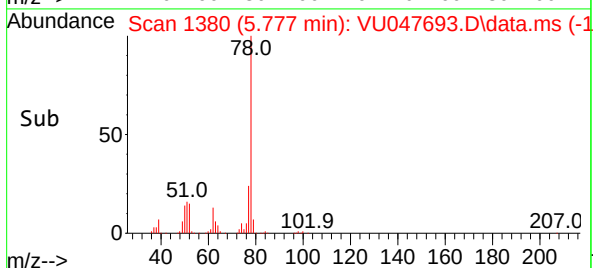
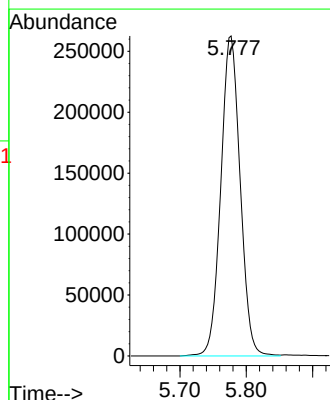
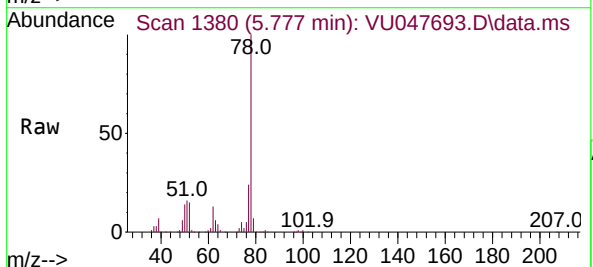
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MS

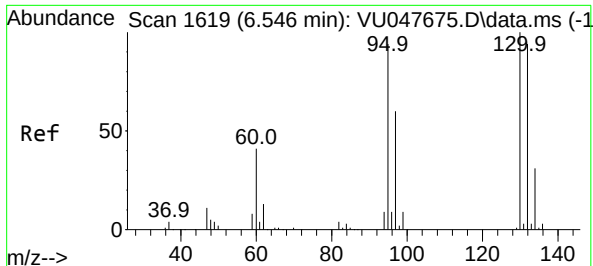
Tgt Ion:117 Resp: 186554
Ion Ratio Lower Upper
117 100
119 96.3 77.2 115.8



#33
Benzene
Concen: 52.051 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

Tgt Ion: 78 Resp: 533030

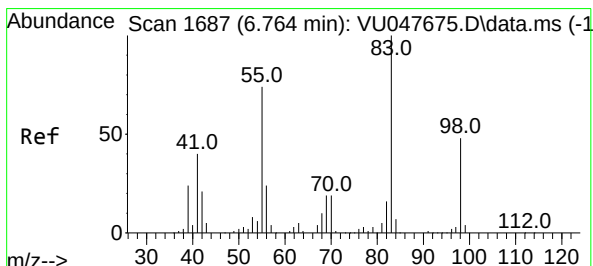
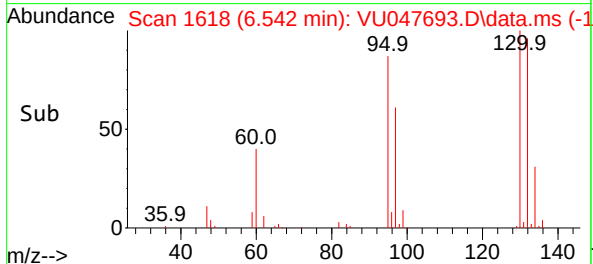
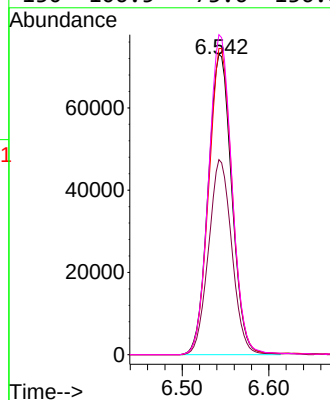
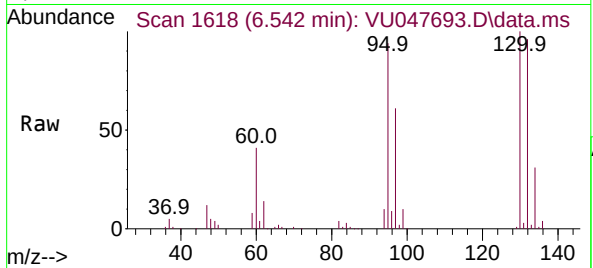




#34
Trichloroethene
Concen: 51.613 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

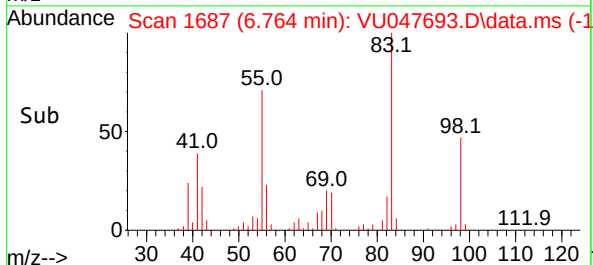
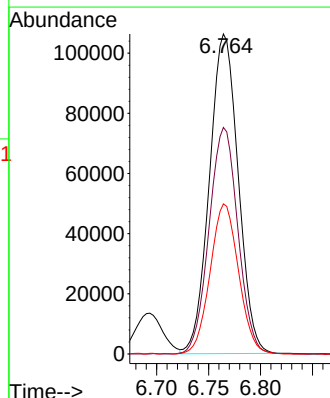
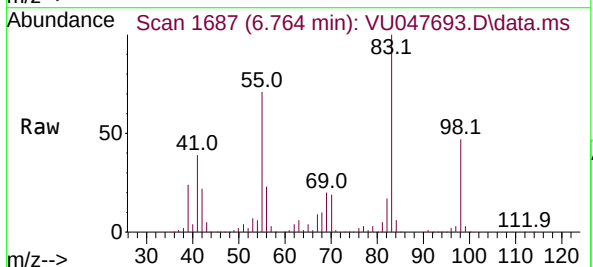
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MS

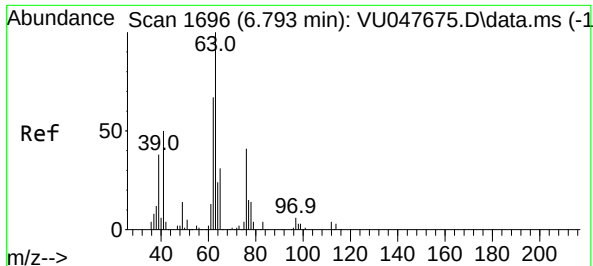
Tgt Ion: 95 Resp: 138570
Ion Ratio Lower Upper
95 100
97 64.9 44.7 82.9
132 101.9 70.4 130.8
130 106.5 73.6 136.8



#35
Methylcyclohexane
Concen: 50.125 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

Tgt Ion: 83 Resp: 204733
Ion Ratio Lower Upper
83 100
55 71.1 56.8 85.2
98 46.5 38.1 57.1





#37

1,2-Dichloropropane

Concen: 53.602 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

Instrument :

MSVOA_U

ClientSampleId :

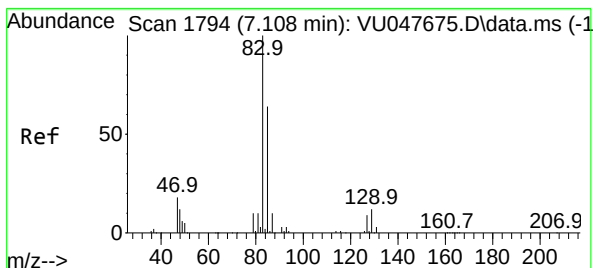
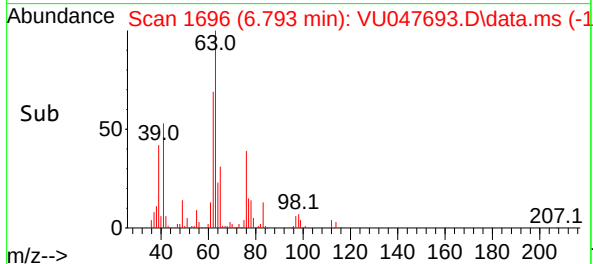
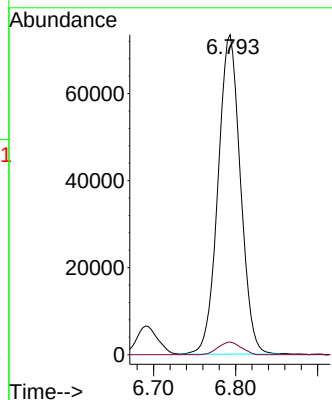
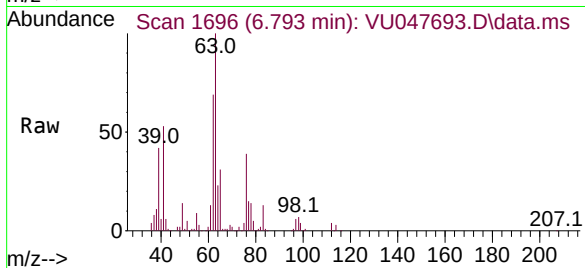
EW5Z2MS

Tgt Ion: 63 Resp: 139543

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 53.166 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

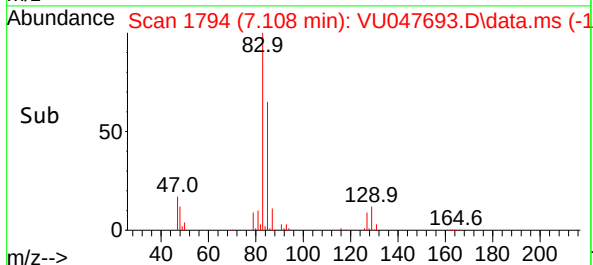
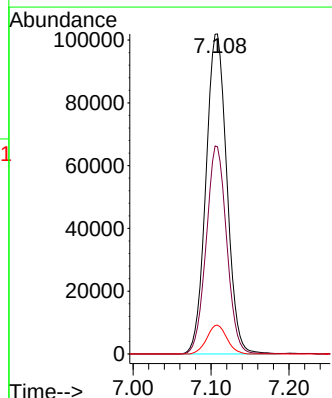
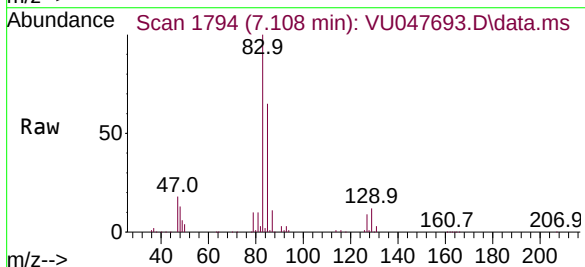
Tgt Ion: 83 Resp: 190066

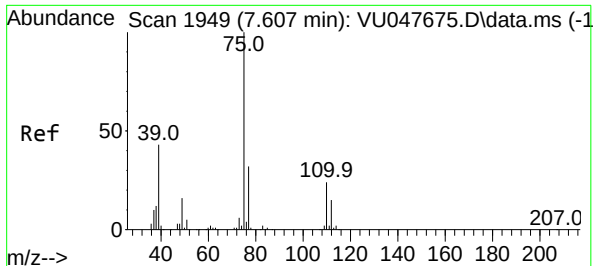
Ion Ratio Lower Upper

83 100

85 64.8 44.4 82.4

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 48.409 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

Instrument :

MSVOA_U

ClientSampleId :

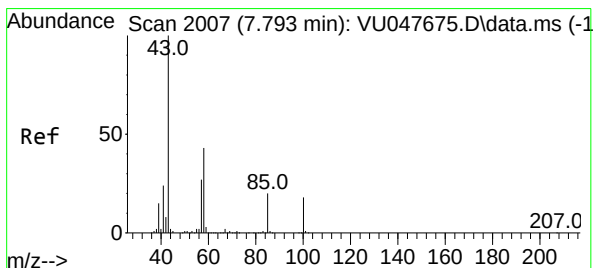
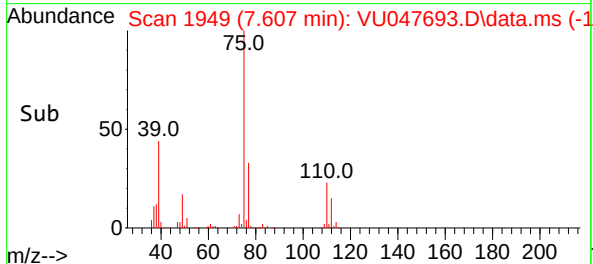
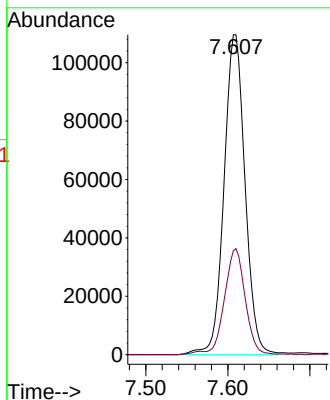
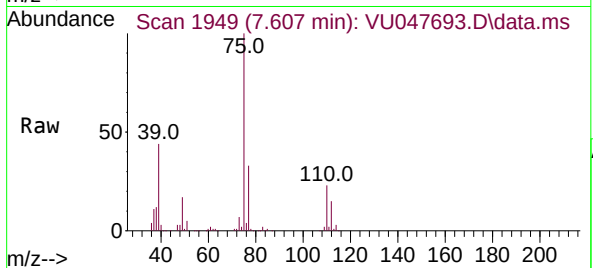
EW5Z2MS

Tgt Ion: 75 Resp: 195544

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 108.792 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

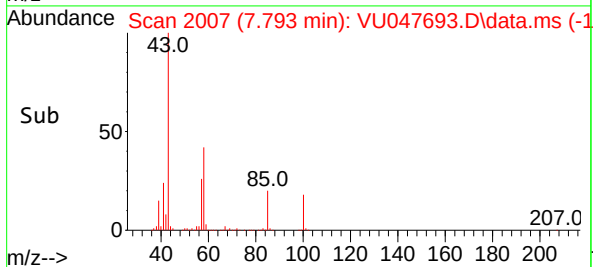
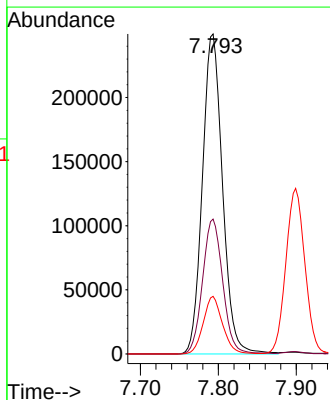
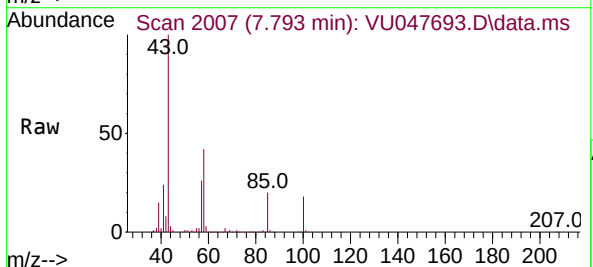
Tgt Ion: 43 Resp: 447624

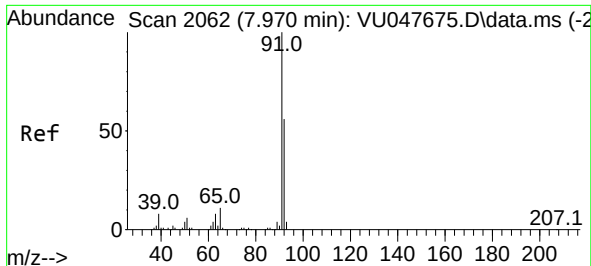
Ion Ratio Lower Upper

43 100

58 42.3 34.7 52.1

100 17.3 14.2 21.2





#42

Toluene

Concen: 53.088 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

Instrument :

MSVOA_U

ClientSampleId :

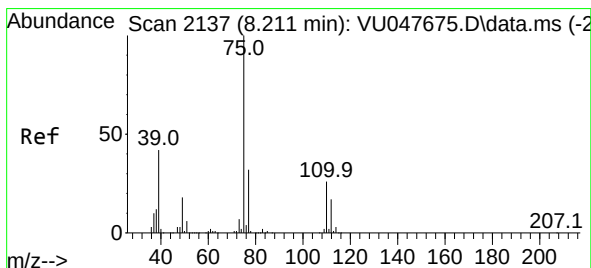
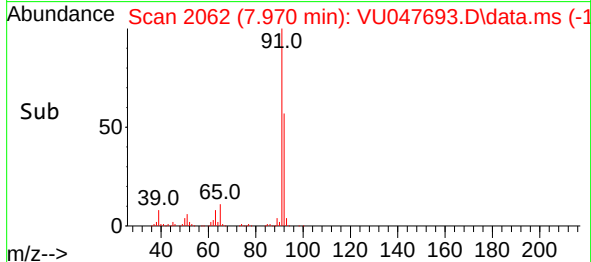
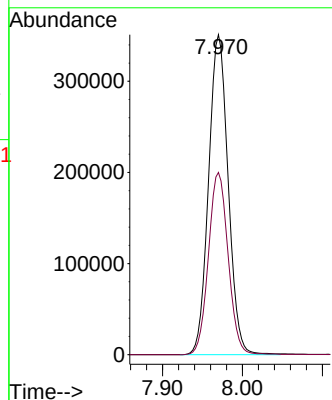
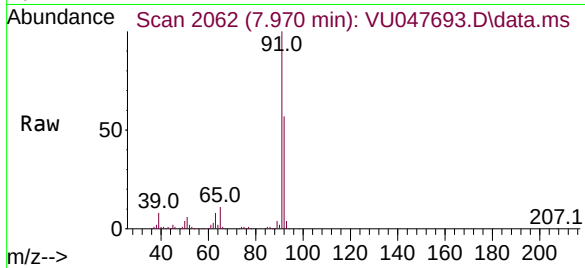
EW5Z2MS

Tgt Ion: 91 Resp: 596519

Ion Ratio Lower Upper

91 100

92 56.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 47.960 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047693.D

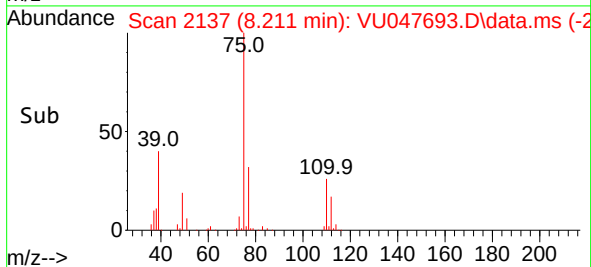
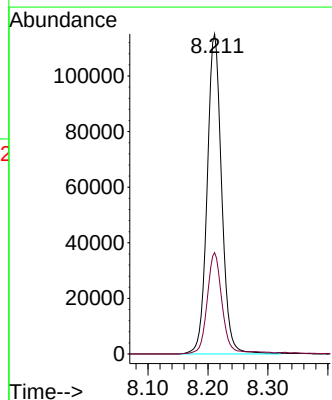
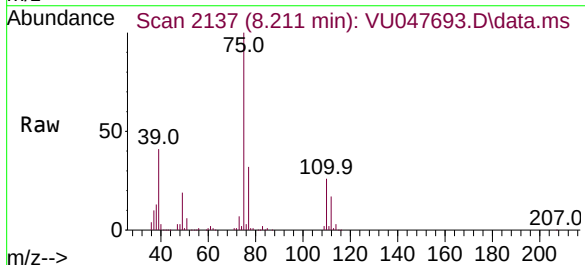
Acq: 25 Mar 2022 23:20

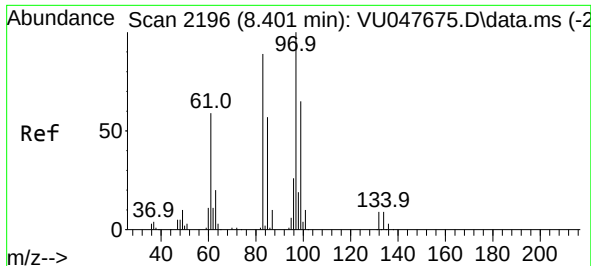
Tgt Ion: 75 Resp: 193429

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 51.886 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

Instrument :

MSVOA_U

ClientSampleId :

EW5Z2MS

Tgt Ion: 97 Resp: 143255

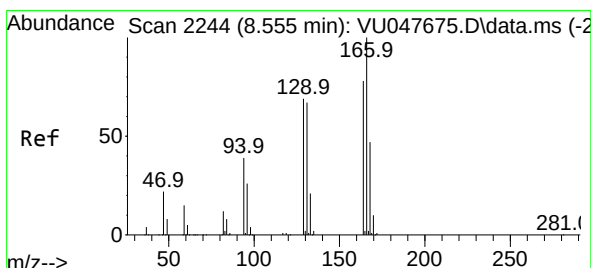
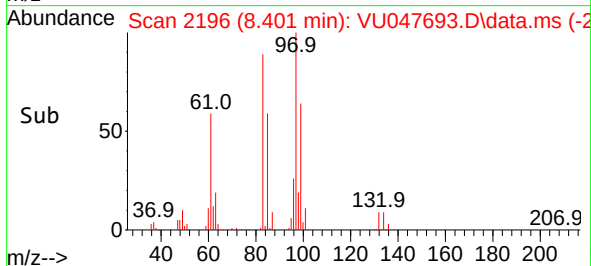
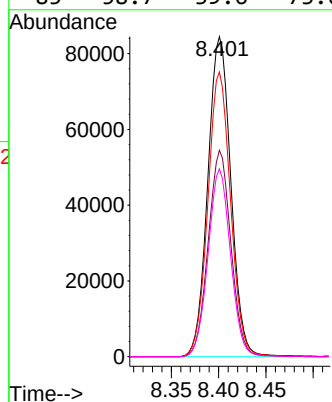
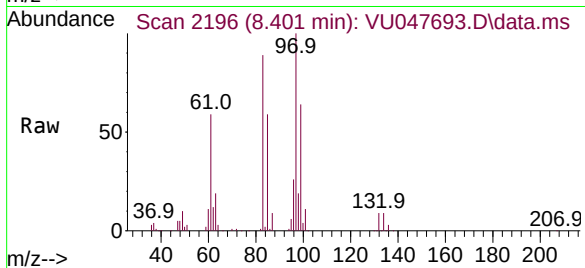
Ion Ratio Lower Upper

97 100

99 64.5 43.3 80.3

83 89.0 61.0 113.4

85 58.7 39.6 73.6



#46

Tetrachloroethene

Concen: 47.932 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

Tgt Ion:164 Resp: 115644

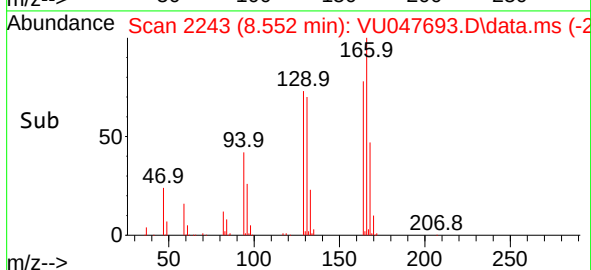
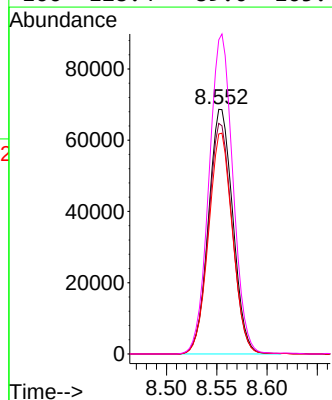
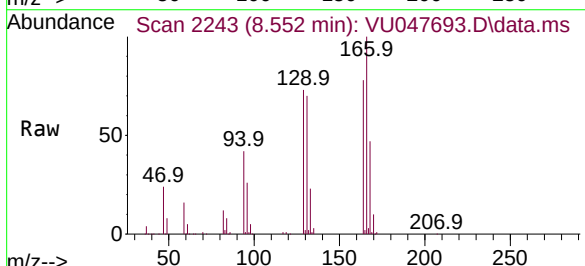
Ion Ratio Lower Upper

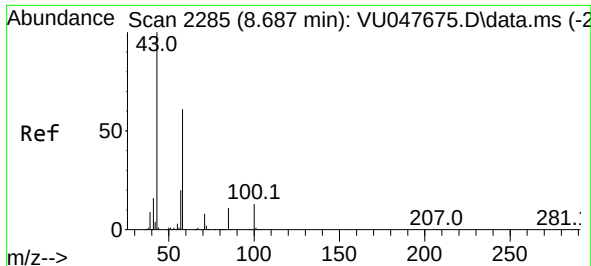
164 100

129 94.3 62.4 116.0

131 89.9 60.7 112.7

166 128.4 89.0 165.4

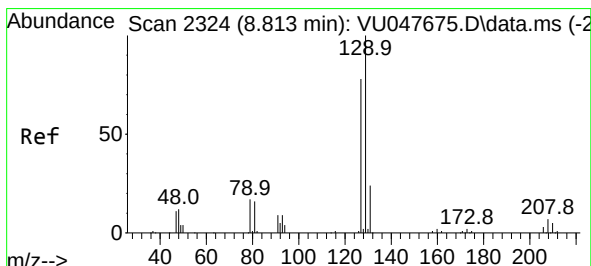
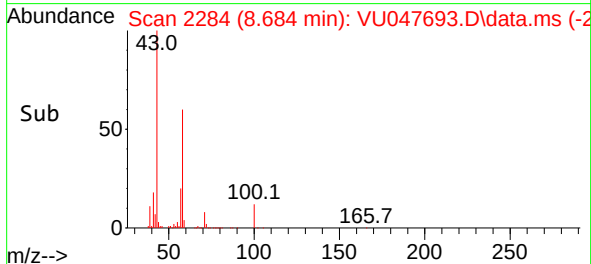
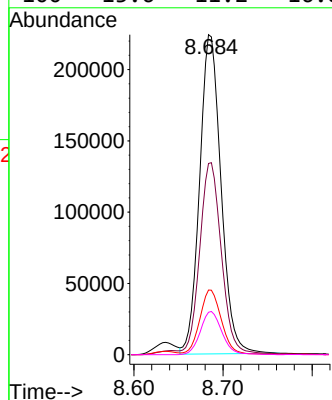
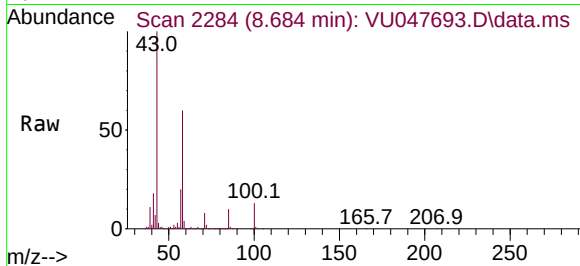




#48
2-Hexanone
Concen: 105.841 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

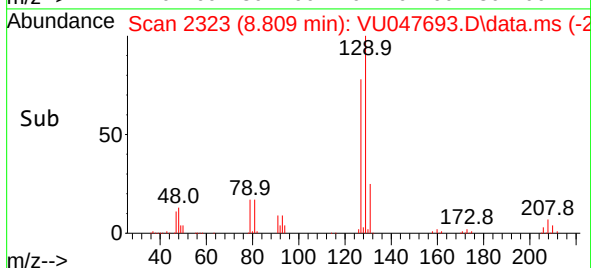
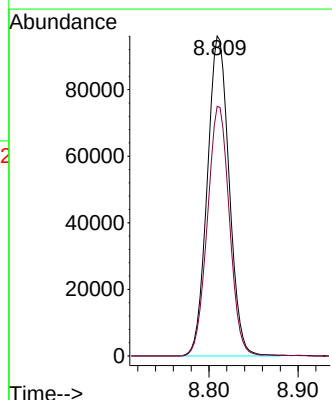
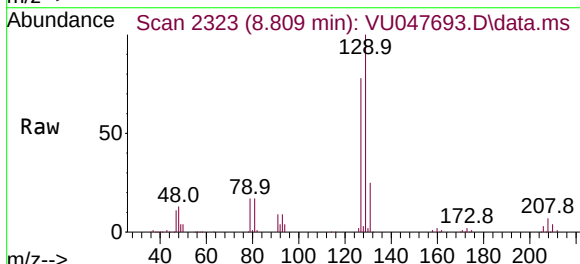
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MS

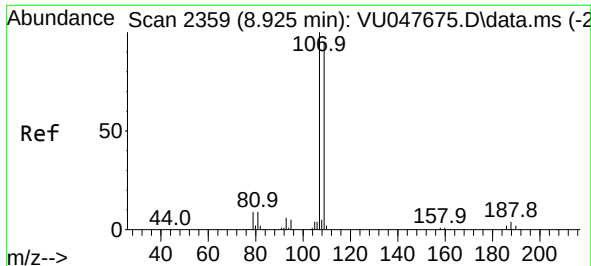
Tgt Ion: 43 Resp: 374597
Ion Ratio Lower Upper
43 100
58 60.6 48.1 72.1
57 20.4 16.2 24.4
100 13.6 11.2 16.8



#49
Dibromochloromethane
Concen: 51.167 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

Tgt Ion: 129 Resp: 163623
Ion Ratio Lower Upper
129 100
127 78.0 54.2 100.6

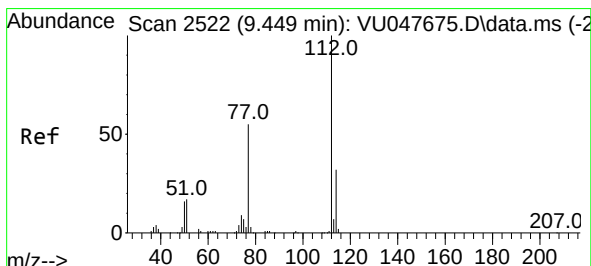
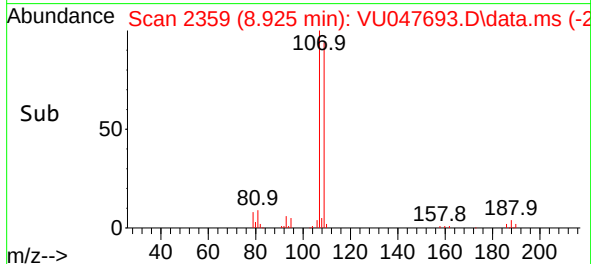
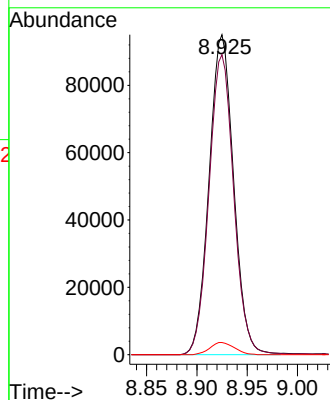
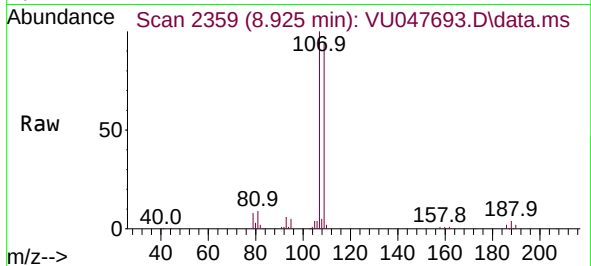




#50
1,2-Dibromoethane
Concen: 52.153 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

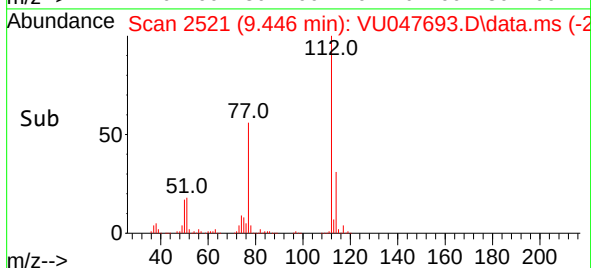
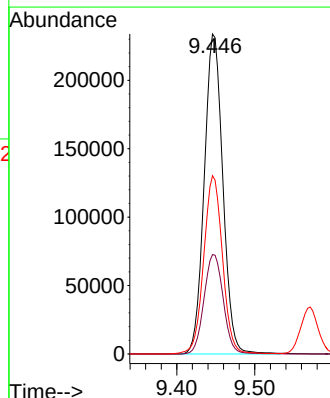
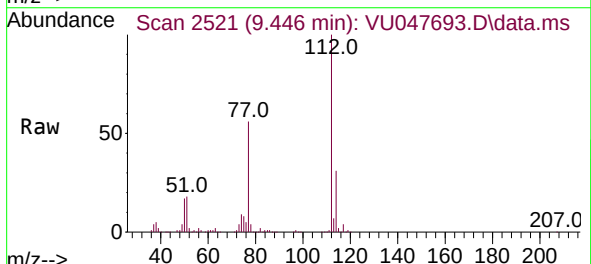
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MS

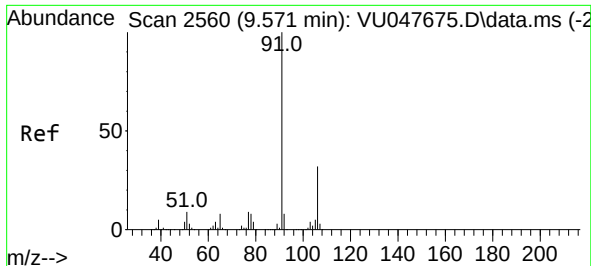
Tgt Ion:107 Resp: 161427
Ion Ratio Lower Upper
107 100
109 93.8 66.6 123.6
188 3.8 3.4 5.2



#51
Chlorobenzene
Concen: 50.839 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

Tgt Ion:112 Resp: 387872
Ion Ratio Lower Upper
112 100
114 31.1 22.1 41.1
77 55.7 43.4 65.0

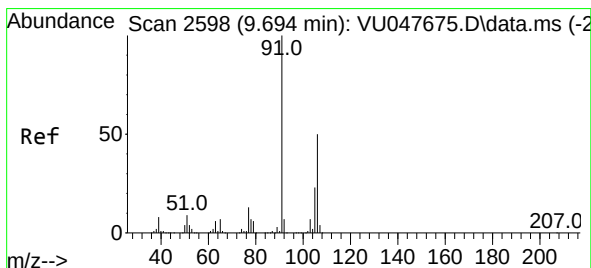
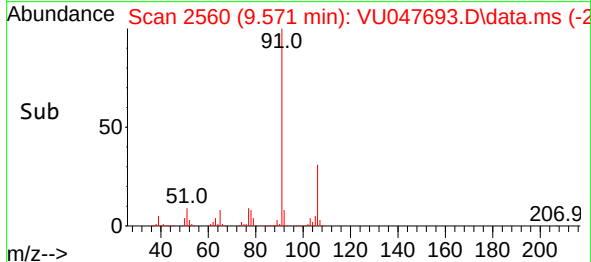
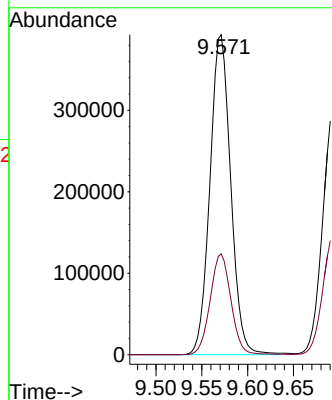
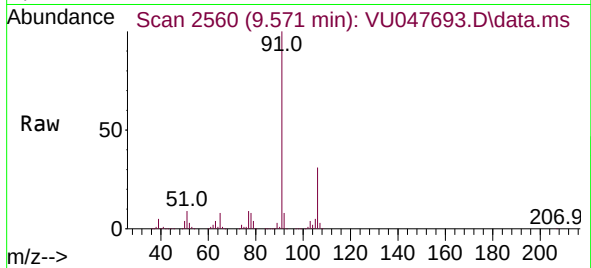




#52
Ethylbenzene
Concen: 52.387 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

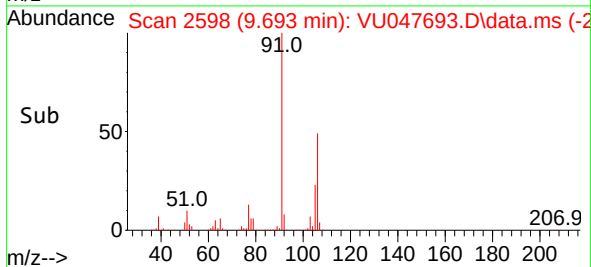
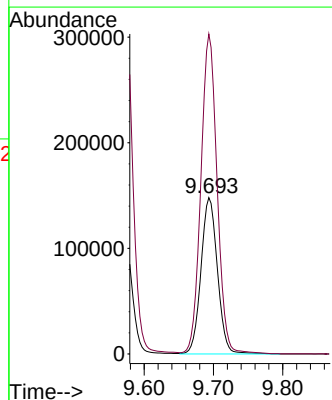
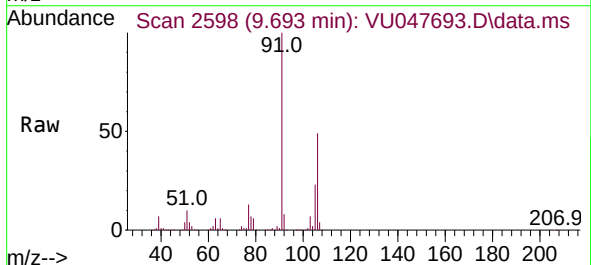
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MS

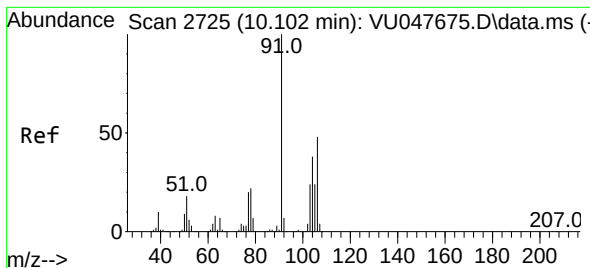
Tgt Ion: 91 Resp: 618931
Ion Ratio Lower Upper
91 100
106 31.5 22.4 41.6



#53
m,p-Xylene
Concen: 52.631 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

Tgt Ion: 106 Resp: 243986
Ion Ratio Lower Upper
106 100
91 204.7 137.7 255.7





#54

o-Xylene

Concen: 52.505 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

Instrument :

MSVOA_U

ClientSampleId :

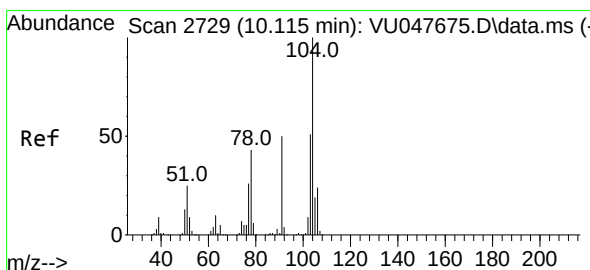
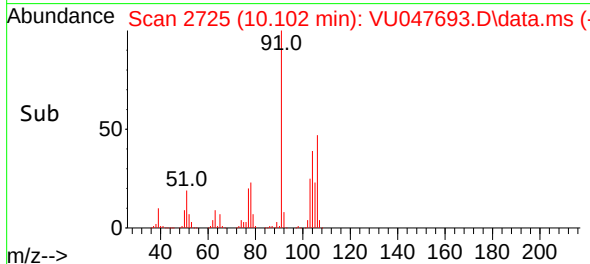
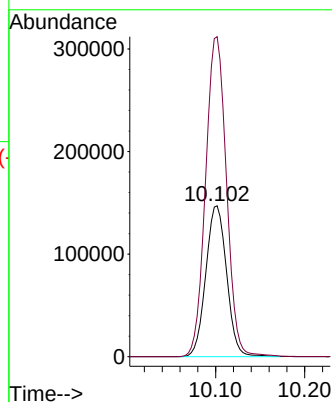
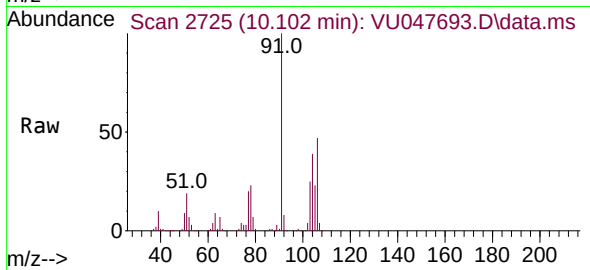
EW5Z2MS

Tgt Ion:106 Resp: 238894

Ion Ratio Lower Upper

106 100

91 212.0 146.7 272.5



#55

Styrene

Concen: 53.205 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU047693.D

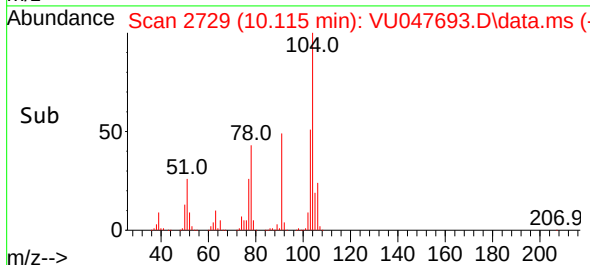
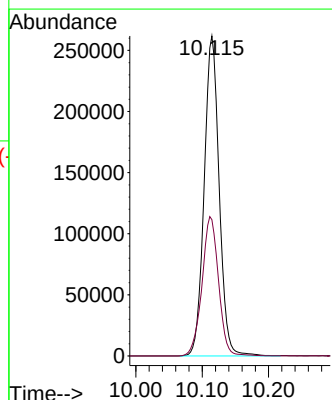
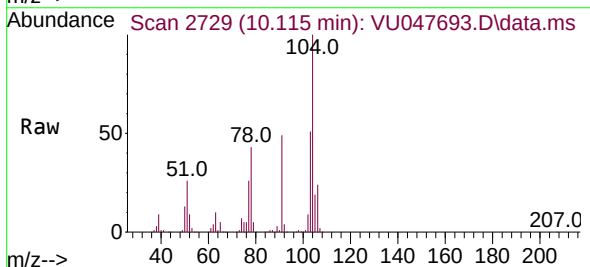
Acq: 25 Mar 2022 23:20

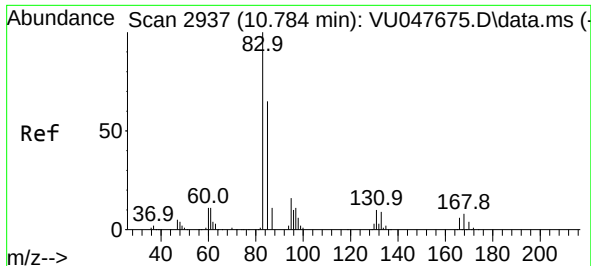
Tgt Ion:104 Resp: 413305

Ion Ratio Lower Upper

104 100

78 42.6 30.4 56.4

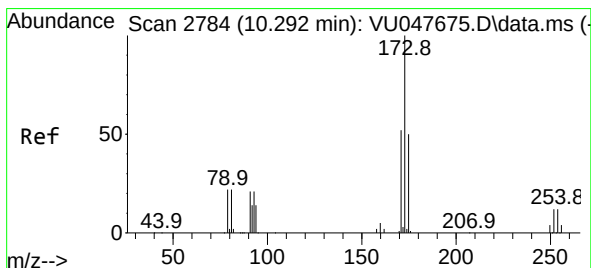
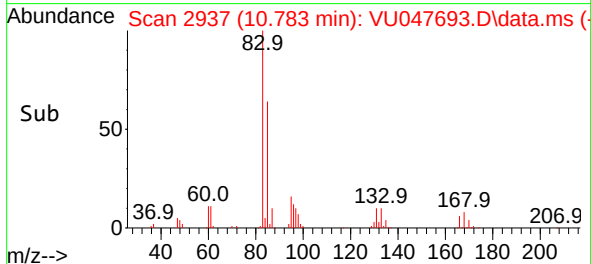
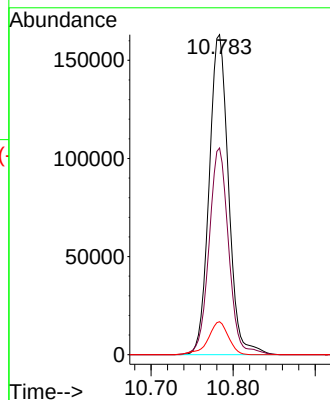
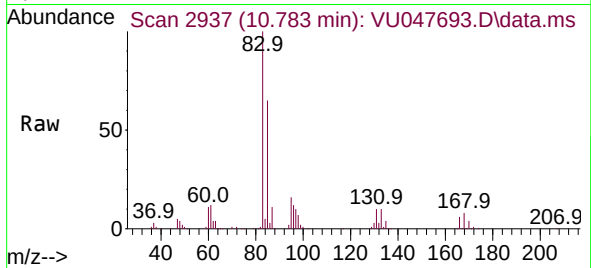




#57
1,1,2,2-Tetrachloroethane
Concen: 51.773 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

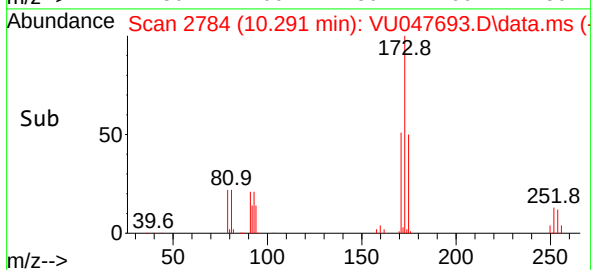
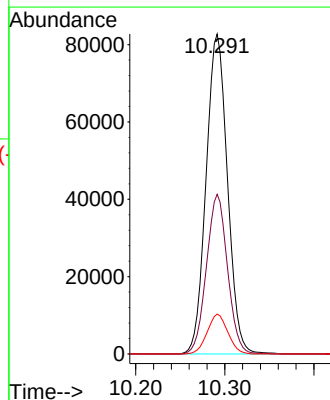
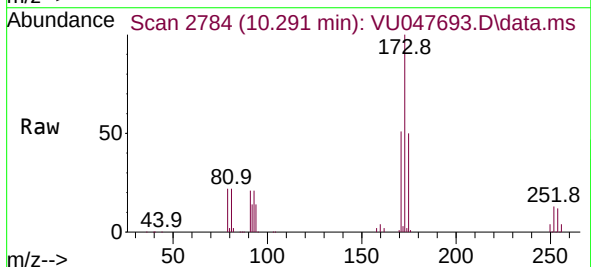
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MS

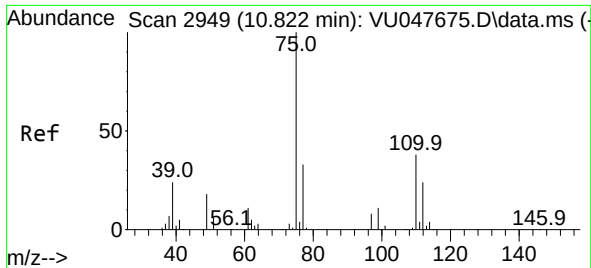
Tgt Ion: 83 Resp: 267980
Ion Ratio Lower Upper
83 100
85 64.6 44.9 83.3
131 10.3 8.6 13.0



#59
Bromoform
Concen: 51.386 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

Tgt Ion: 173 Resp: 137621
Ion Ratio Lower Upper
173 100
175 49.1 38.7 58.1
254 12.0 9.6 14.4

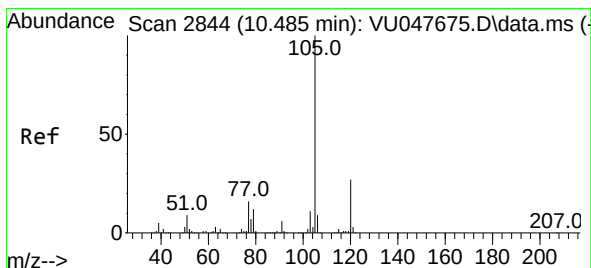
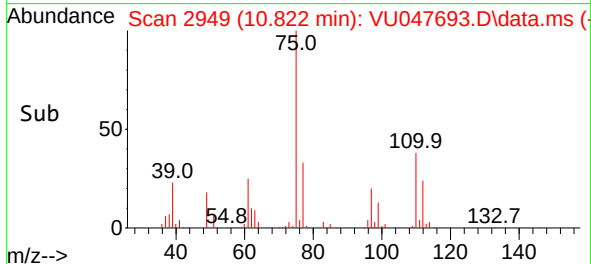
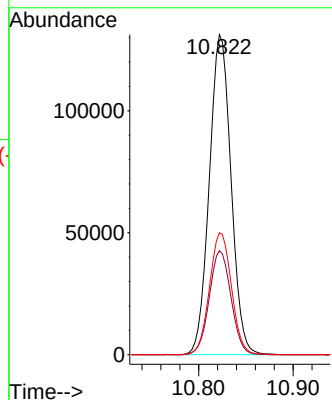
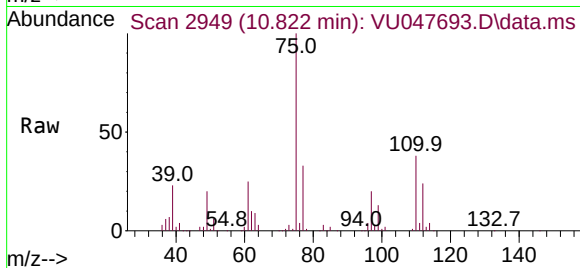




#60
1,2,3-Trichloropropane
Concen: 53.034 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

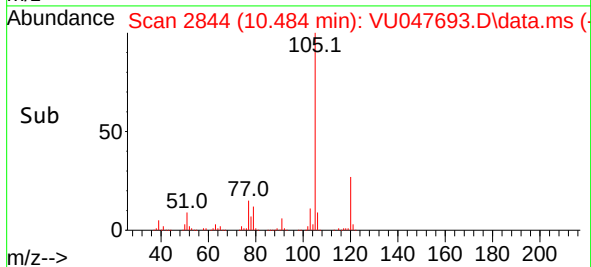
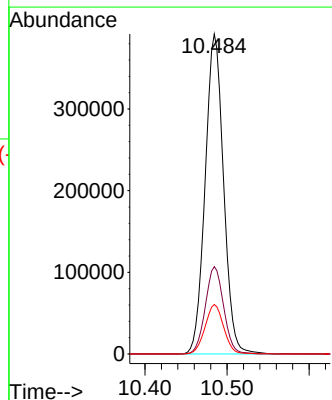
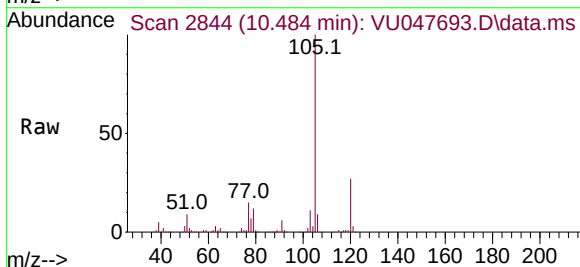
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MS

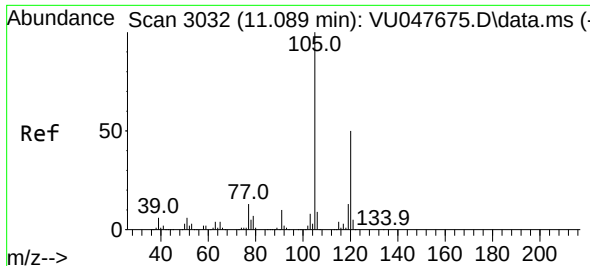
Tgt Ion:	75	Resp:	209395
Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.0	39.0
110	38.5	31.4	47.2



#61
Isopropylbenzene
Concen: 53.897 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

Tgt Ion:	105	Resp:	610069
Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.9	32.9
77	15.7	12.1	18.1

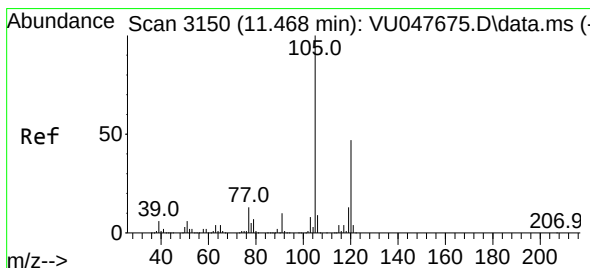
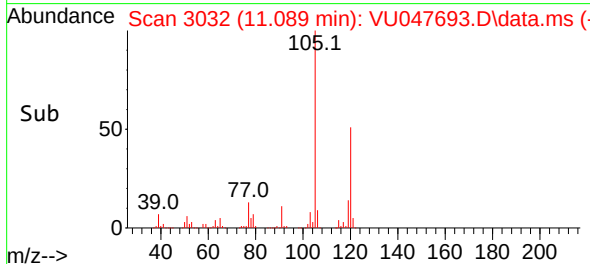
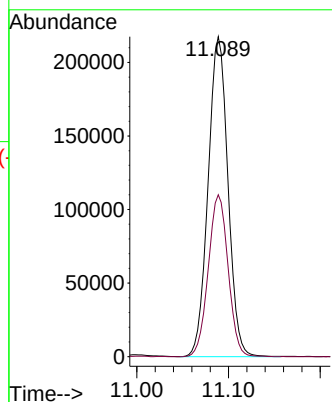
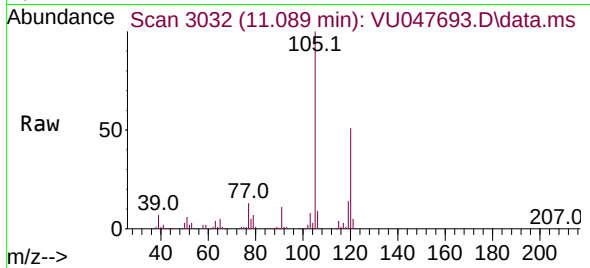




#62
1,3,5-Trimethylbenzene
Concen: 53.262 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

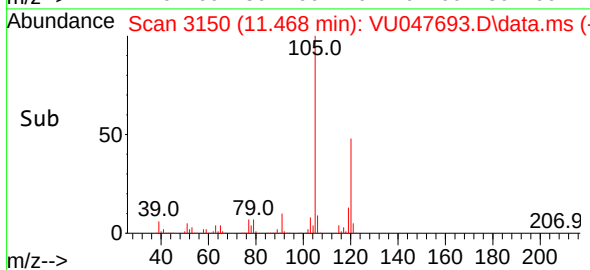
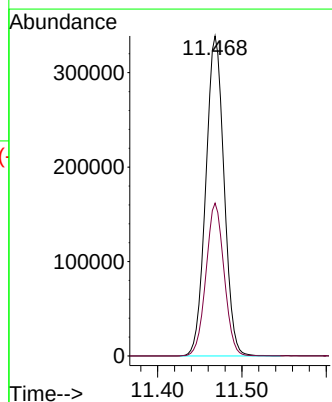
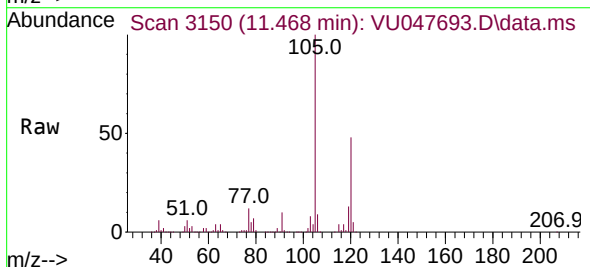
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MS

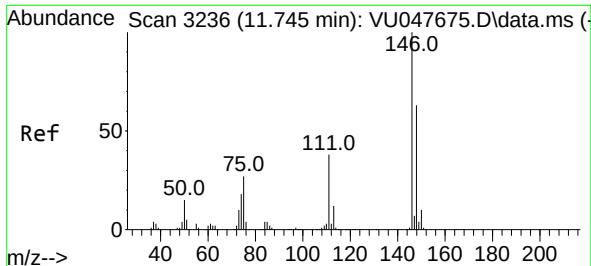
Tgt Ion:105 Resp: 327108
Ion Ratio Lower Upper
105 100
120 50.5 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 54.724 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

Tgt Ion:105 Resp: 510511
Ion Ratio Lower Upper
105 100
120 47.5 37.6 56.4

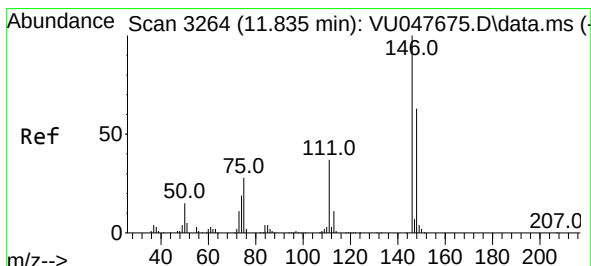
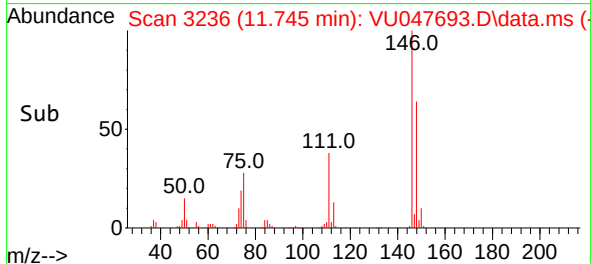
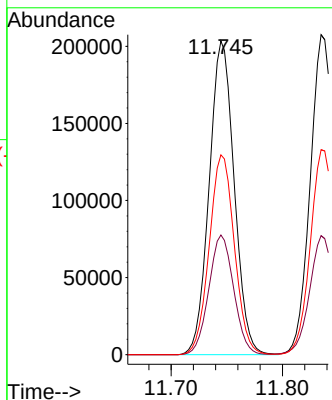
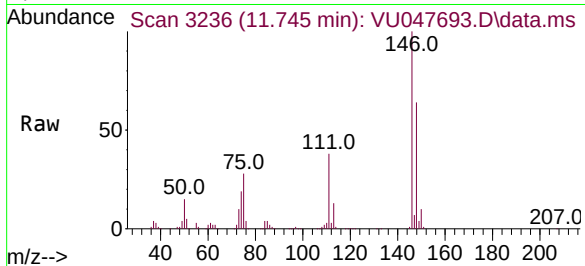




#64
1,3-Dichlorobenzene
Concen: 50.405 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

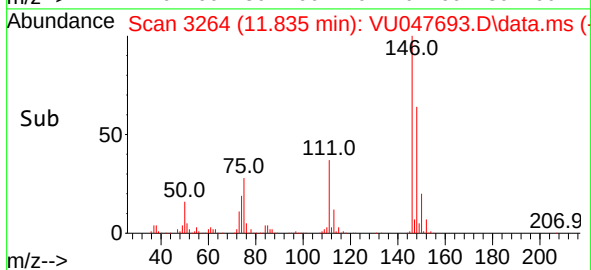
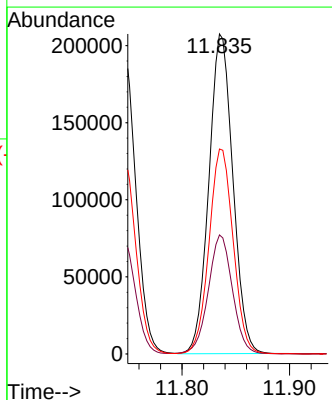
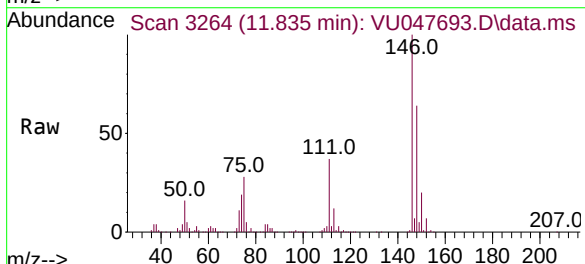
Instrument :
MSVOA_U
ClientSampleId :
EW5Z2MS

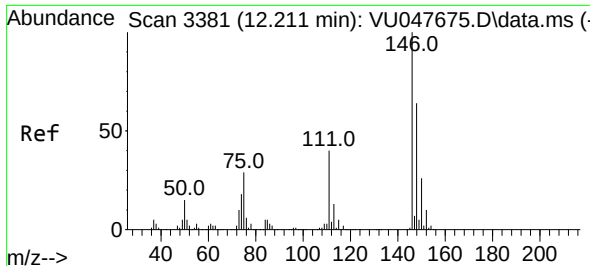
Tgt Ion:146 Resp: 317119
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 63.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 49.341 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU047693.D
Acq: 25 Mar 2022 23:20

Tgt Ion:146 Resp: 321540
Ion Ratio Lower Upper
146 100
111 37.2 25.3 47.1
148 64.1 44.5 82.7

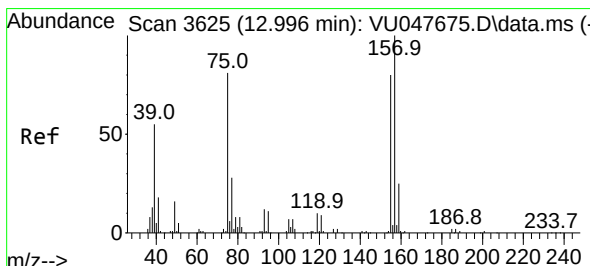
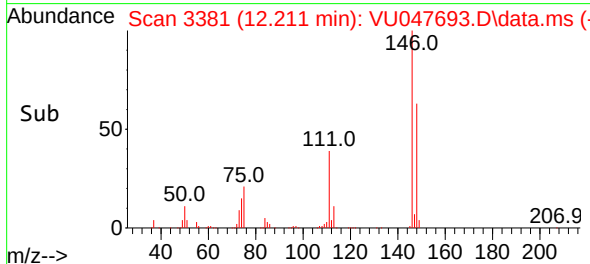
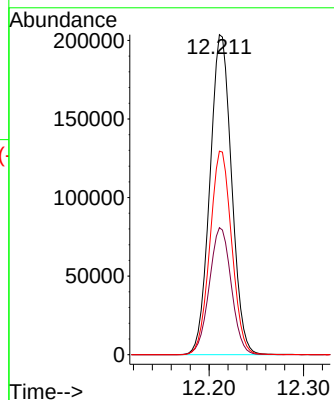
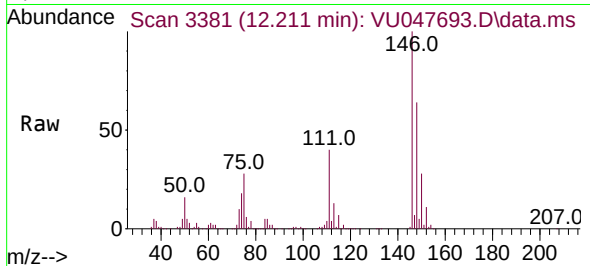




#67
 1,2-Dichlorobenzene
 Concen: 51.584 ug/L
 RT: 12.211 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU047693.D
 Acq: 25 Mar 2022 23:20

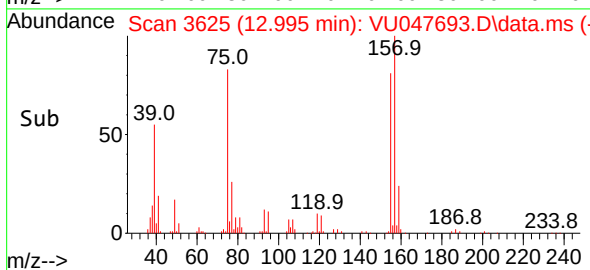
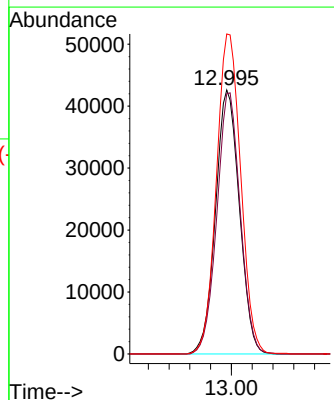
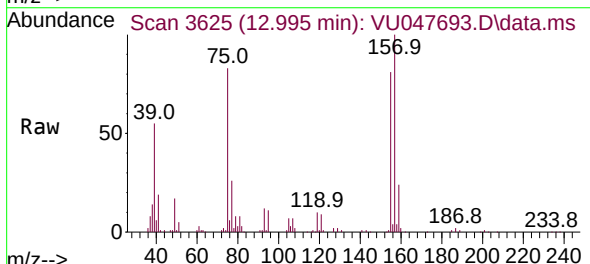
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z2MS

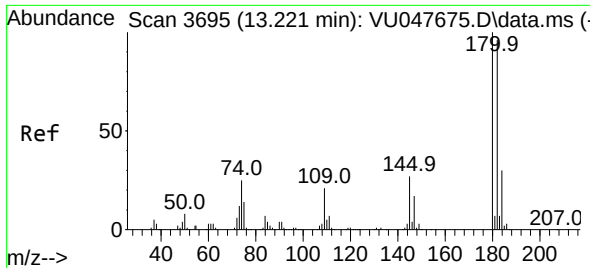
Tgt Ion:146 Resp: 324733
 Ion Ratio Lower Upper
 146 100
 111 39.7 31.7 47.5
 148 63.6 51.4 77.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 53.746 ug/L
 RT: 12.995 min Scan# 3625
 Delta R.T. -0.000 min
 Lab File: VU047693.D
 Acq: 25 Mar 2022 23:20

Tgt Ion: 75 Resp: 67974
 Ion Ratio Lower Upper
 75 100
 155 98.6 78.9 118.3
 157 121.2 97.5 146.3

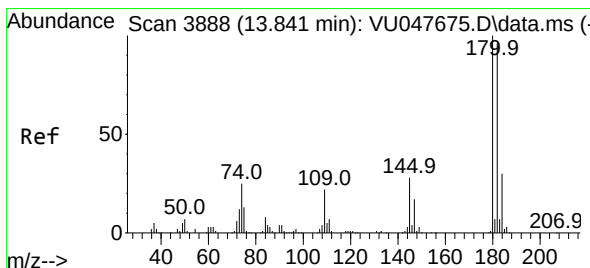
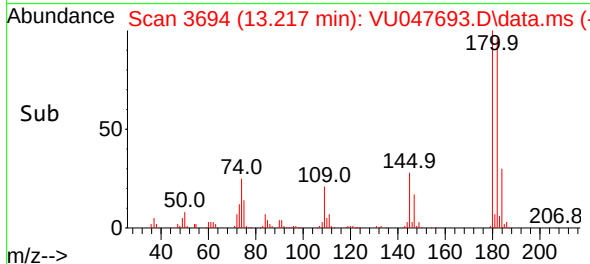
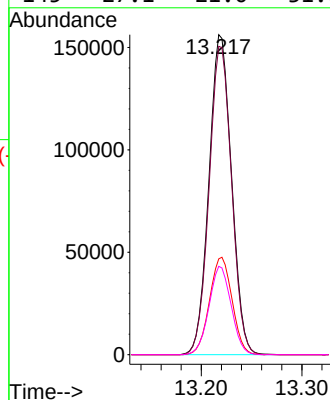
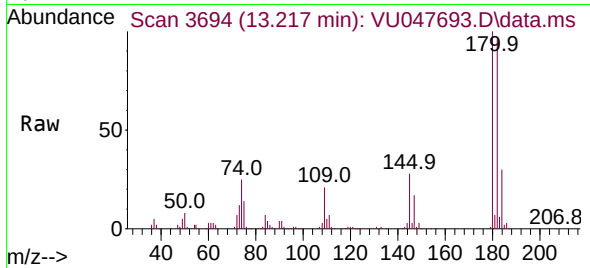




#69
 1,3,5-Trichlorobenzene
 Concen: 47.713 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU047693.D
 Acq: 25 Mar 2022 23:20

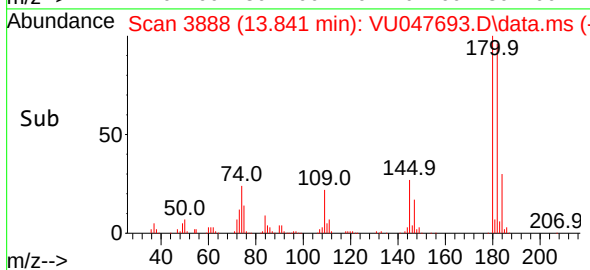
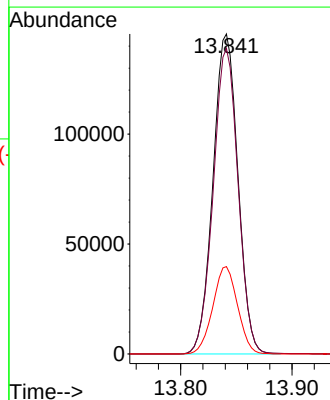
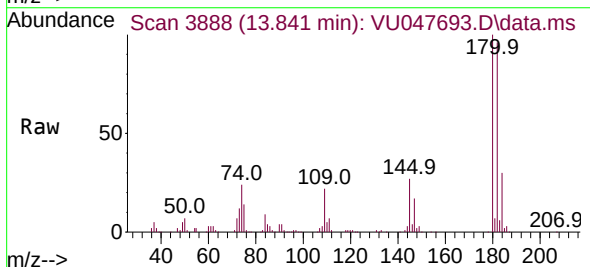
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z2MS

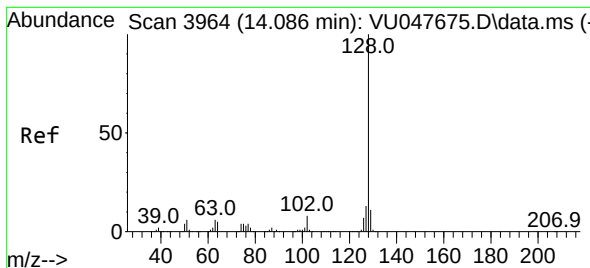
Tgt Ion:180	Resp:	243792
Ion Ratio	Lower	Upper
180	100	
182	95.9	77.0 115.6
184	30.5	24.5 36.7
145	27.1	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 50.518 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047693.D
 Acq: 25 Mar 2022 23:20

Tgt Ion:180	Resp:	226094
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.2 114.2
145	27.1	21.8 32.8





#71

Naphthalene

Concen: 57.003 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

Instrument :

MSVOA_U

ClientSampleId :

EW5Z2MS

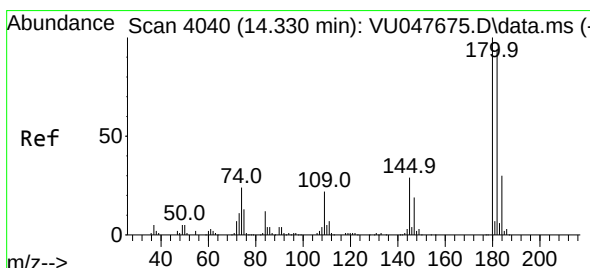
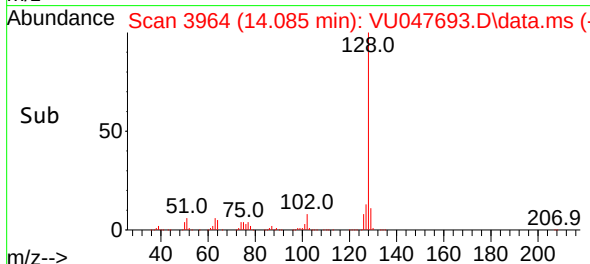
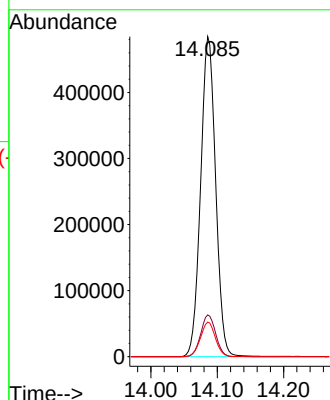
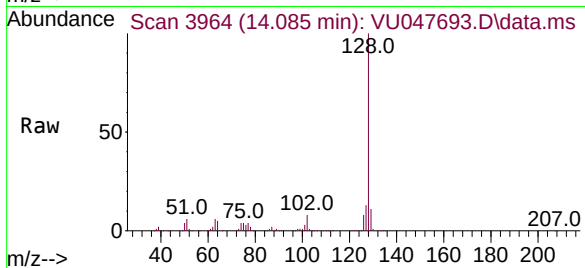
Tgt Ion:128 Resp: 760598

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.997 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU047693.D

Acq: 25 Mar 2022 23:20

Tgt Ion:180 Resp: 233289

Ion Ratio Lower Upper

180 100

182 96.0 77.4 116.0

145 29.5 22.8 34.2

