

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047158.D
 Acq On : 16 Feb 2022 13:28
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV064

Quant Time: Feb 16 14:40:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	181076	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	186407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109314	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	83498	5.460	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 109.200%	
7) Chloroethane-d5	1.919	69	65638	5.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 108.400%	
11) 1,1-Dichloroethene-d2	2.575	65	34190	5.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 108.200%	
20) 2-Butanone-d5	4.642	46	196904	53.868	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 107.740%	
24) Chloroform-d	5.070	84	141051	5.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 111.000%	
26) 1,2-Dichloroethane-d4	5.706	65	76658	5.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 108.600%	
32) Benzene-d6	5.732	84	292975	5.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 112.600%	
36) 1,2-Dichloropropane-d6	6.694	67	92186	5.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 111.200%	
41) Toluene-d8	7.899	98	280355	5.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.000%	
43) trans-1,3-Dichloroprop...	8.182	79	40457	5.385	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 107.800%	
46) 2-Hexanone-d5	8.636	63	207859	52.546	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 105.100%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	78326	5.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 104.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	109045	5.560	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 111.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	81698	5.335	ug/L	100
3) Chloromethane	1.527	50	86036	5.180	ug/L	100
5) Vinyl chloride	1.607	62	90283	5.381	ug/L	99
6) Bromomethane	1.864	94	55468	5.625	ug/L	99
8) Chloroethane	1.941	64	52735	5.450	ug/L	99
9) Trichlorofluoromethane	2.144	101	111122	5.435	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	66253	5.371	ug/L	94
12) 1,1-Dichloroethene	2.588	96	62850	5.275	ug/L	90
13) Acetone	2.658	43	95414	52.140	ug/L	96
14) Carbon disulfide	2.800	76	211668	5.325	ug/L	99
15) Methyl Acetate	2.964	43	30312	5.352	ug/L	100
16) Methylene chloride	3.054	84	69711	5.251	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	170628	5.240	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	68318	5.305	ug/L	97
19) 1,1-Dichloroethane	3.877	63	122286	5.432	ug/L	99
21) 2-Butanone	4.723	43	184678	53.738	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	75730	5.403	ug/L	97
23) Bromochloromethane	4.980	128	35227	5.361	ug/L	92
25) Chloroform	5.092	83	125316	5.317	ug/L	98

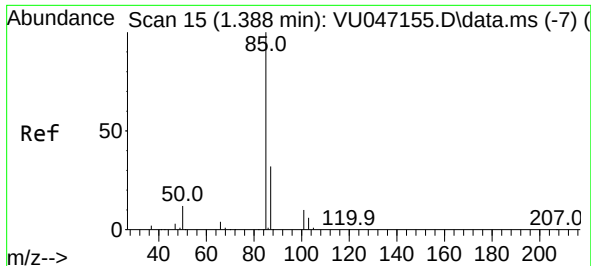
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	83524	5.301	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	109625	5.431	ug/L	100
30) Cyclohexane	5.395	56	119544	5.427	ug/L	100
31) Carbon tetrachloride	5.530	117	96214	5.475	ug/L	100
33) Benzene	5.777	78	288124	5.440	ug/L	100
34) Trichloroethene	6.546	95	76444	5.411	ug/L	96
35) Methylcyclohexane	6.767	83	128087	5.373	ug/L	98
37) 1,2-Dichloropropane	6.793	63	73209	5.347	ug/L	100
38) Bromodichloromethane	7.108	83	93814	5.364	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	115963	5.447	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	502779	51.465	ug/L	100
42) Toluene	7.973	91	320620	5.438	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	102894	5.364	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	56616	5.325	ug/L	98
47) Tetrachloroethene	8.555	164	62264	5.431	ug/L	94
48) 2-Hexanone	8.687	43	378069	52.050	ug/L	99
49) Dibromochloromethane	8.812	129	69363	5.416	ug/L	100
50) 1,2-Dibromoethane	8.925	107	56369	5.257	ug/L #	98
51) Chlorobenzene	9.449	112	204703	5.378	ug/L	98
52) Ethylbenzene	9.571	91	351786	5.445	ug/L	99
53) m,p-Xylene	9.697	106	137484	5.420	ug/L	97
54) o-Xylene	10.102	106	133077	5.387	ug/L	99
55) Styrene	10.115	104	226839	5.489	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	73673	5.236	ug/L	95
59) Bromoform	10.291	173	42307	5.314	ug/L #	98
60) Isopropylbenzene	10.484	105	352493	5.496	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	52218	5.002	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	229685	5.363	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	298701	5.418	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	165198	5.341	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	166680	5.326	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	156194	5.301	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	12017	4.984	ug/L	84
69) 1,3,5-Trichlorobenzene	13.221	180	136808	5.353	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	123838	5.205	ug/L	98
71) Naphthalene	14.086	128	238741	4.862	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	113000	5.050	ug/L	97

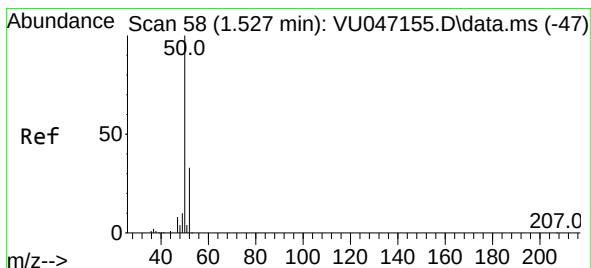
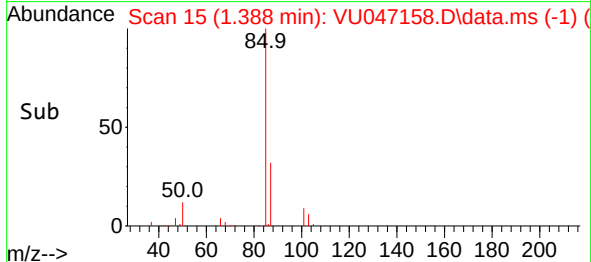
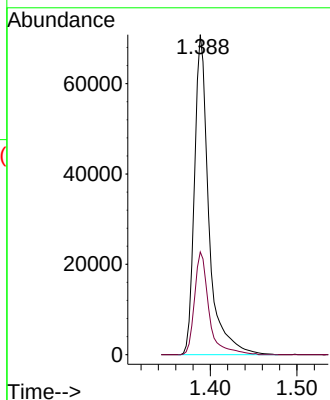
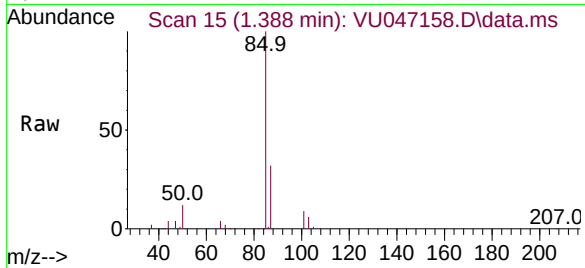
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.335 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

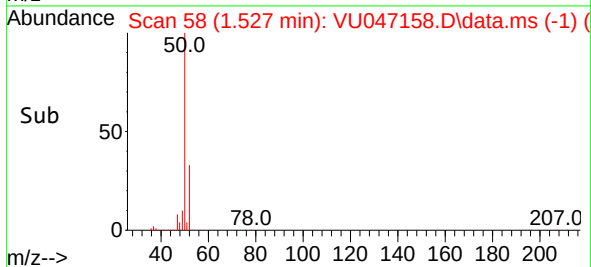
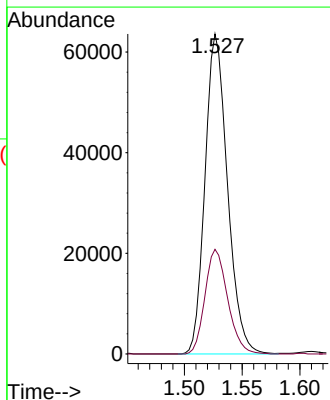
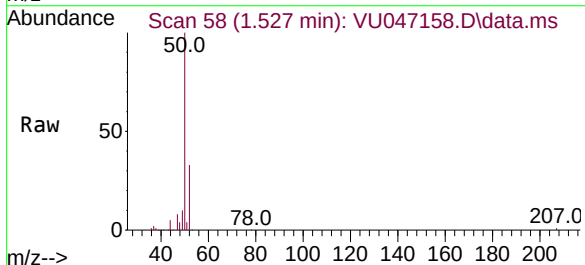
Instrument :
MSVOA_U
ClientSampleId :
VICV064

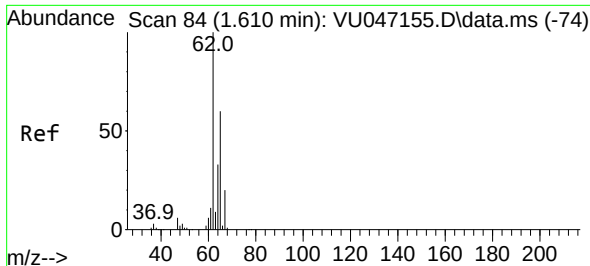
Tgt Ion: 85 Resp: 81698
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.6



#3
Chloromethane
Concen: 5.180 ug/L
RT: 1.527 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

Tgt Ion: 50 Resp: 86036
Ion Ratio Lower Upper
50 100
52 32.7 23.0 42.8

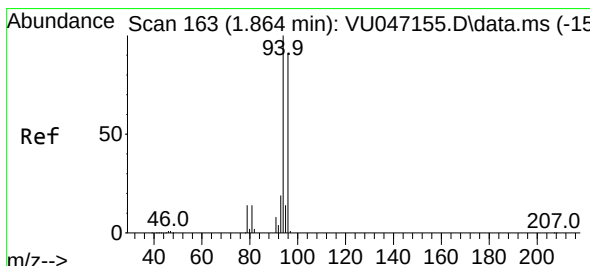
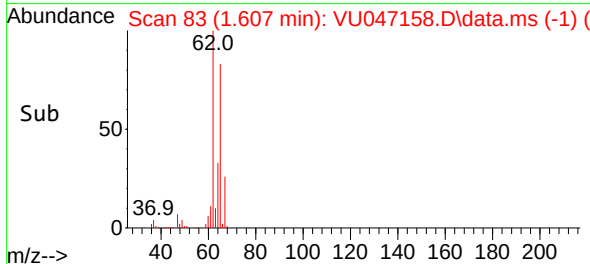
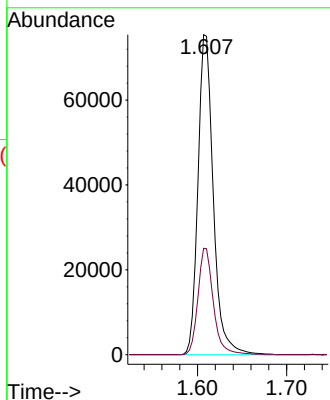
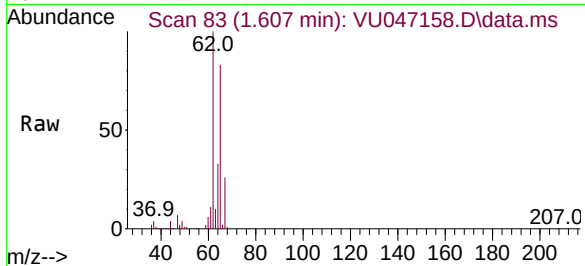




#5
 Vinyl chloride
 Concen: 5.381 ug/L
 RT: 1.607 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VU047158.D
 Acq: 16 Feb 2022 13:28

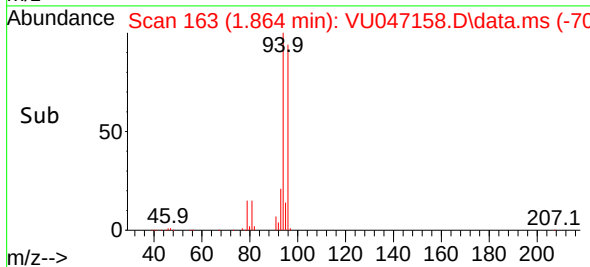
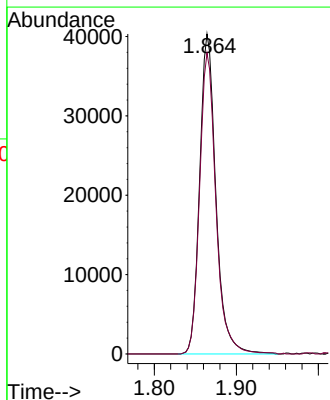
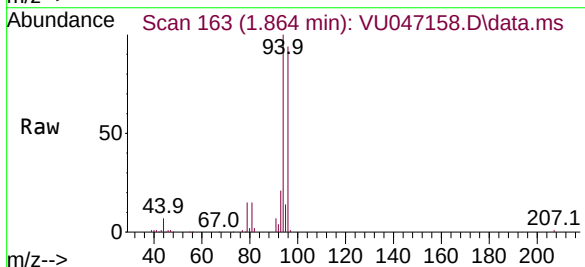
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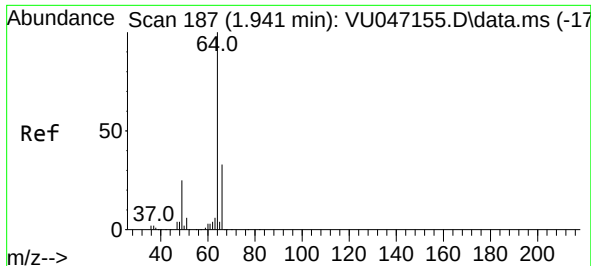
Tgt Ion: 62 Resp: 90283
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.9 42.5



#6
 Bromomethane
 Concen: 5.625 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047158.D
 Acq: 16 Feb 2022 13:28

Tgt Ion: 94 Resp: 55468
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.5 121.6

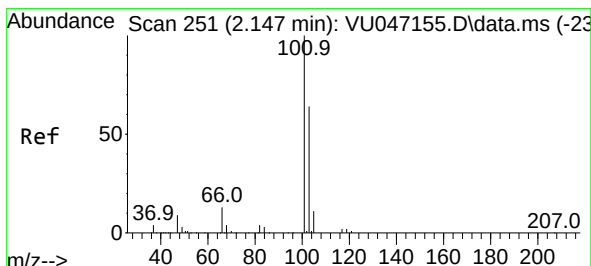
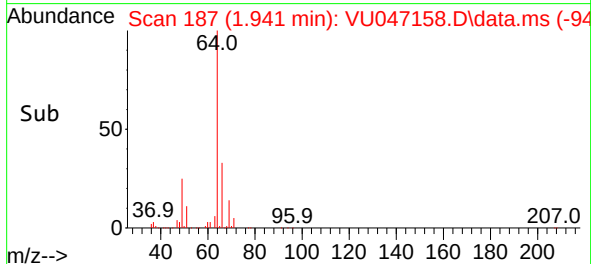
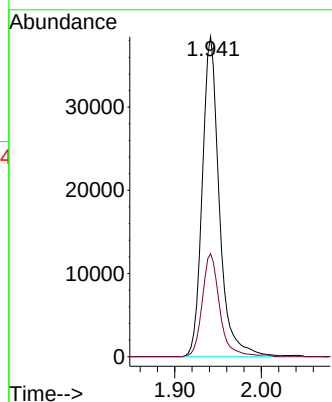
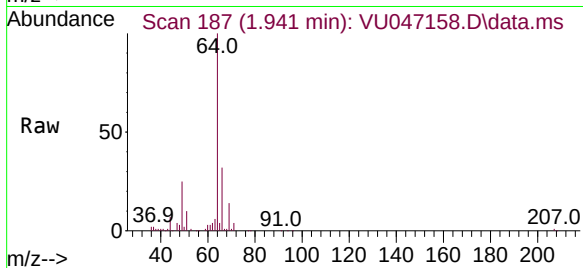




#8
Chloroethane
Concen: 5.450 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

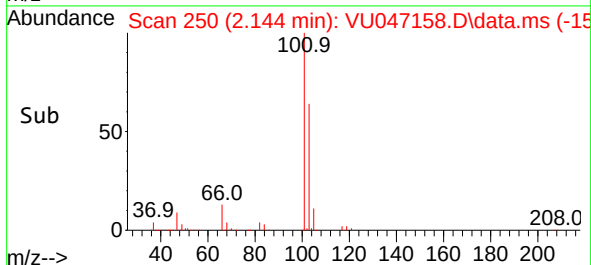
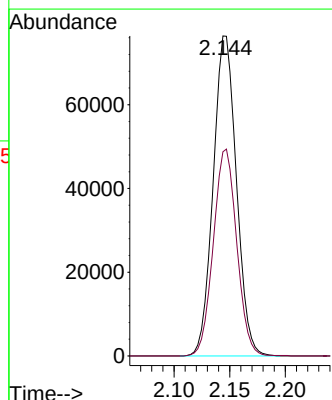
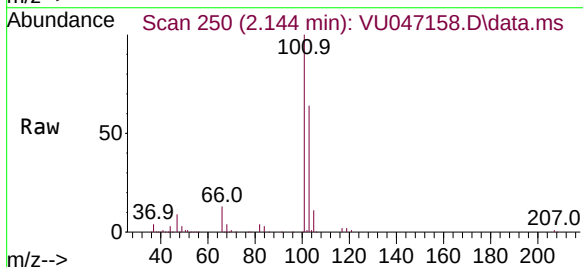
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ClientSampleId :
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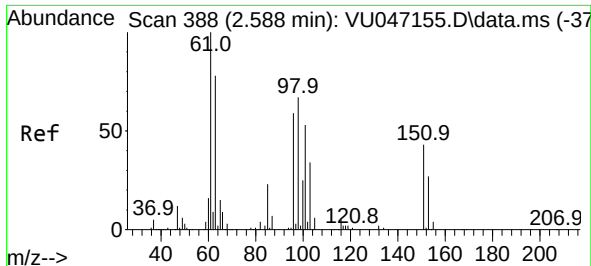
Tgt Ion: 64 Resp: 52735
Ion Ratio Lower Upper
64 100
66 32.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.435 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

Tgt Ion: 101 Resp: 111122
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

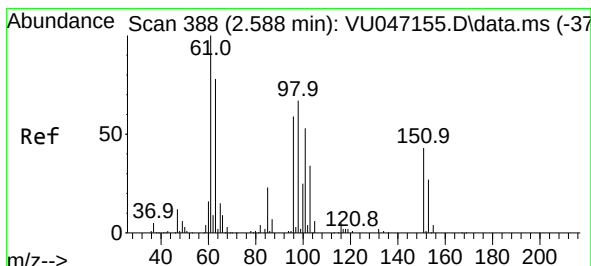
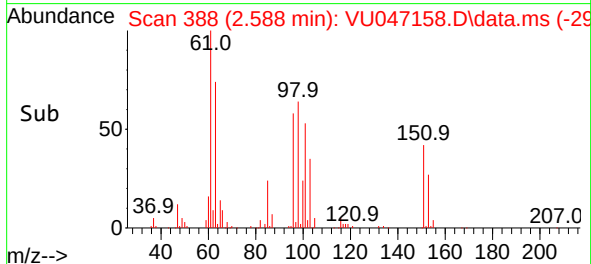
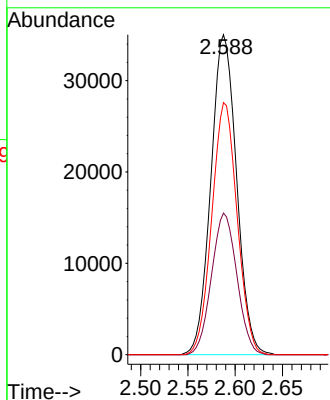
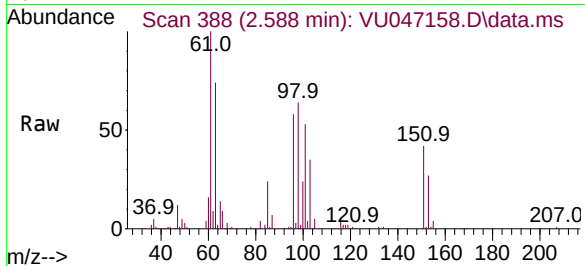




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.371 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047158.D
 Acq: 16 Feb 2022 13:28

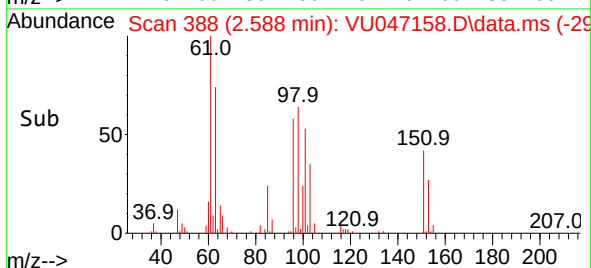
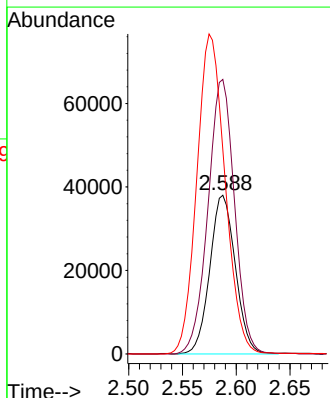
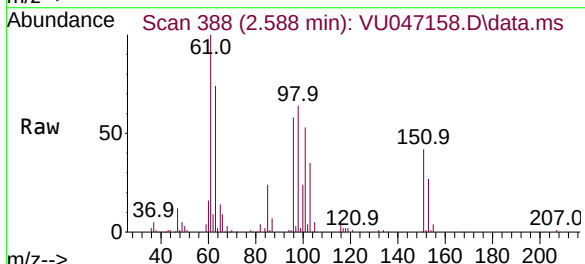
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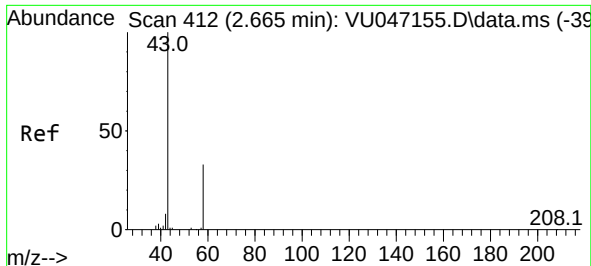
Tgt Ion:101 Resp: 66253
 Ion Ratio Lower Upper
 101 100
 85 43.7 34.6 51.8
 151 77.5 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.275 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047158.D
 Acq: 16 Feb 2022 13:28

Tgt Ion: 96 Resp: 62850
 Ion Ratio Lower Upper
 96 100
 61 173.0 124.7 231.5
 63 128.6 105.2 195.4





#13

Acetone

Concen: 52.140 ug/L

RT: 2.658 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

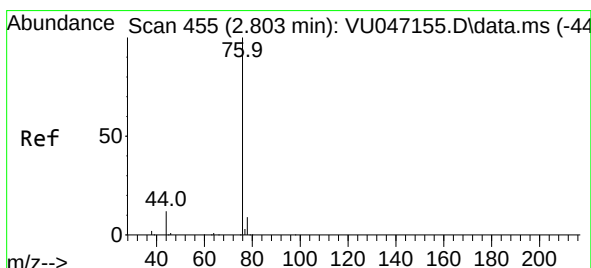
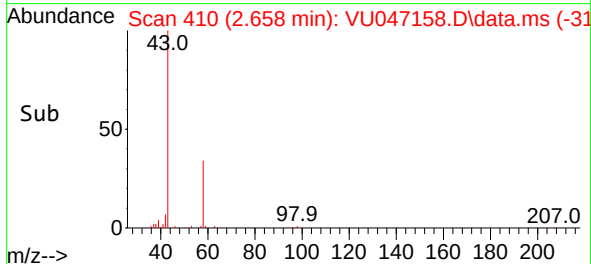
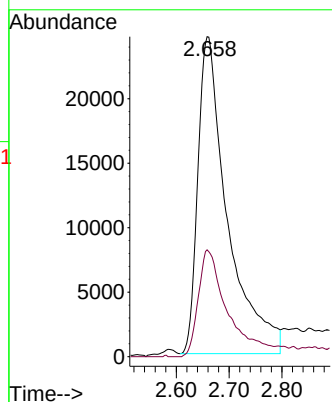
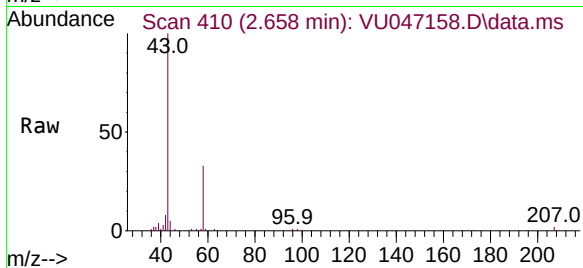
VICV064

Tgt Ion: 43 Resp: 95414

Ion Ratio Lower Upper

43 100

58 33.6 0.0 71.6



#14

Carbon disulfide

Concen: 5.325 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

Lab File: VU047158.D

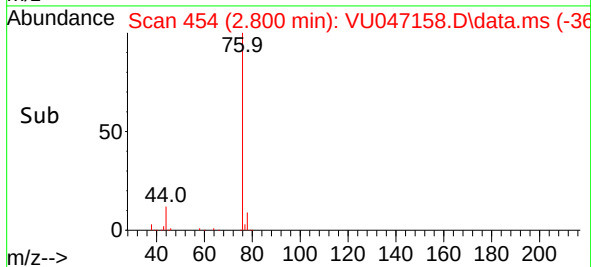
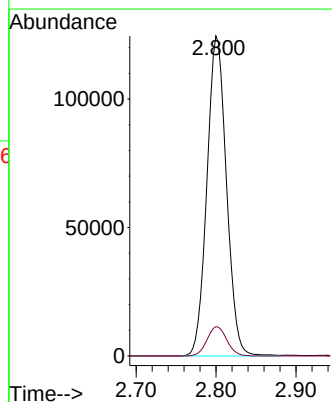
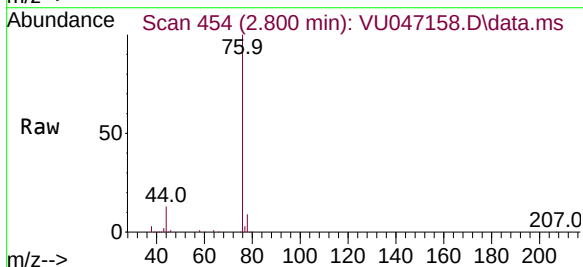
Acq: 16 Feb 2022 13:28

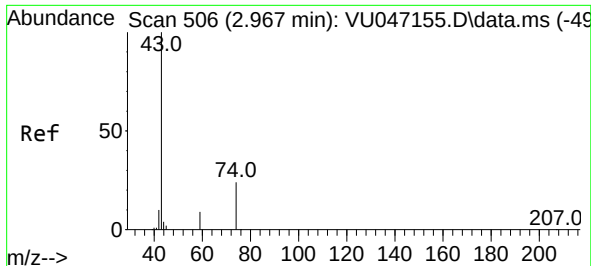
Tgt Ion: 76 Resp: 211668

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

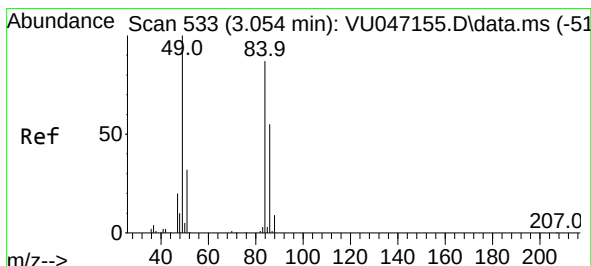
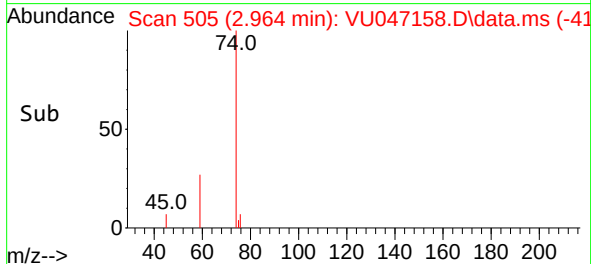
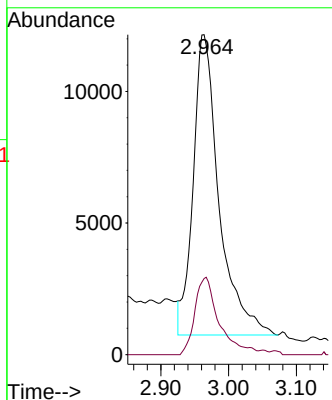
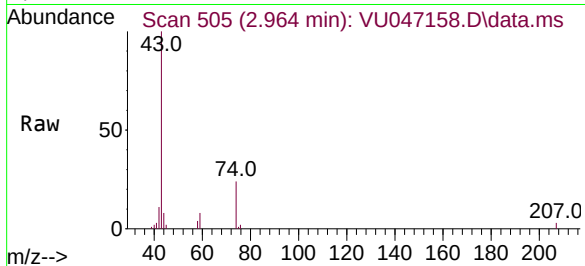




#15
Methyl Acetate
Concen: 5.352 ug/L
RT: 2.964 min Scan# 506
Delta R.T. -0.003 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

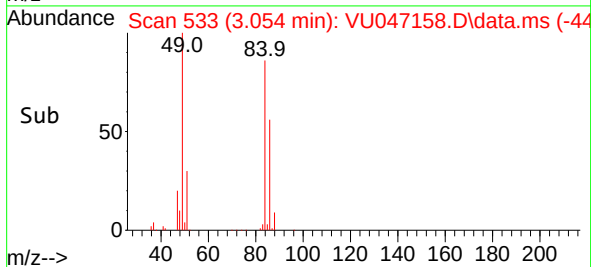
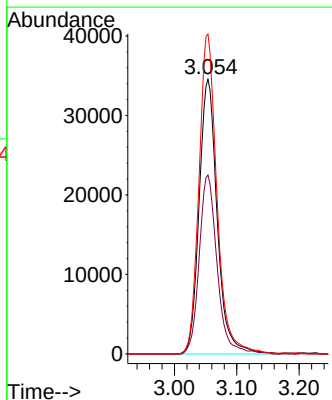
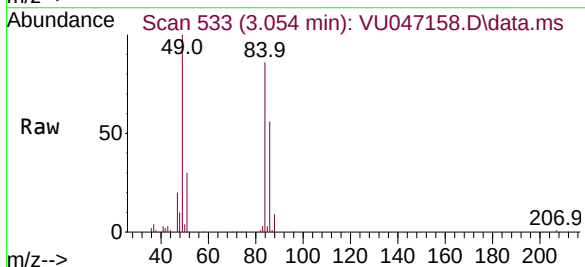
Instrument :
MSVOA_U
ClientSampleId :
VICV064

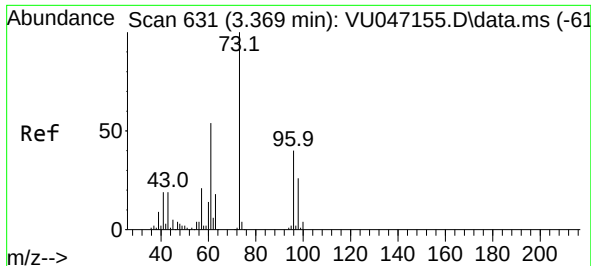
Tgt Ion: 43 Resp: 30312
Ion Ratio Lower Upper
43 100
74 24.1 19.1 28.7



#16
Methylene chloride
Concen: 5.251 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

Tgt Ion: 84 Resp: 69711
Ion Ratio Lower Upper
84 100
86 65.2 45.8 85.0
49 116.5 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.240 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

VICV064

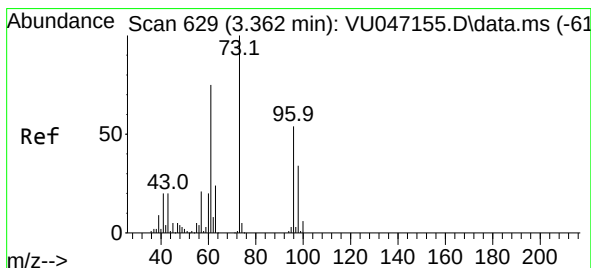
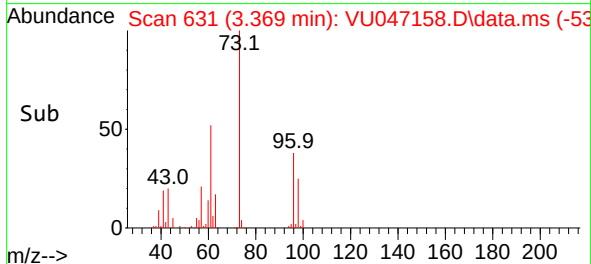
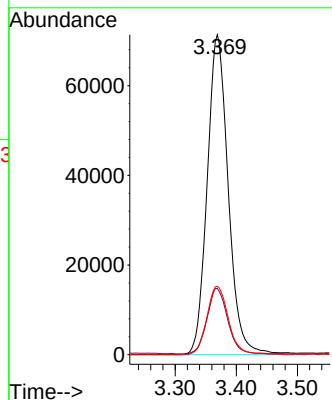
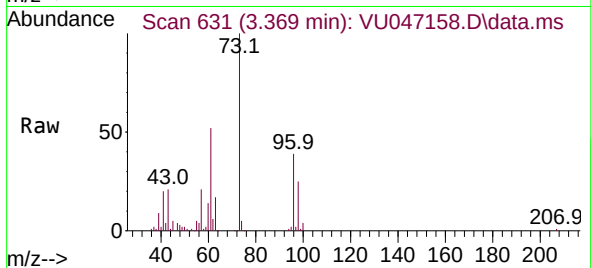
Tgt Ion: 73 Resp: 170628

Ion Ratio Lower Upper

73 100

43 20.0 14.8 22.2

57 21.9 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.305 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

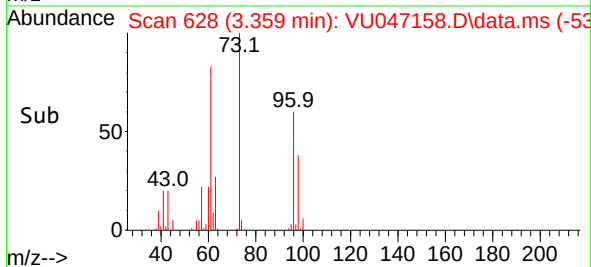
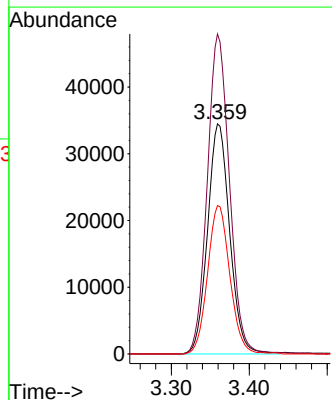
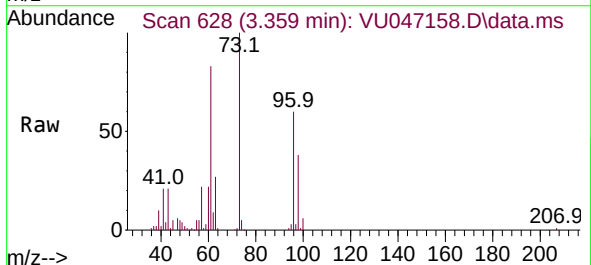
Tgt Ion: 96 Resp: 68318

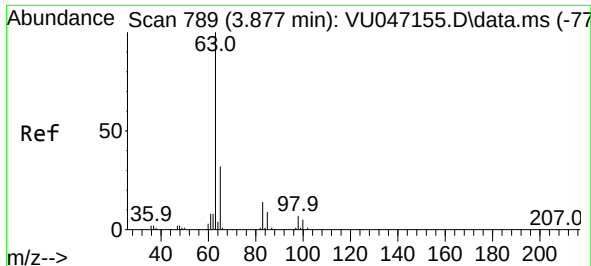
Ion Ratio Lower Upper

96 100

61 139.0 100.8 187.2

98 64.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.432 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

VICV064

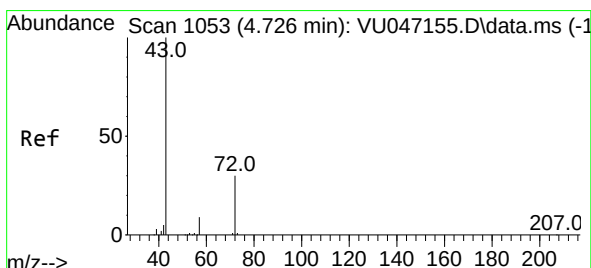
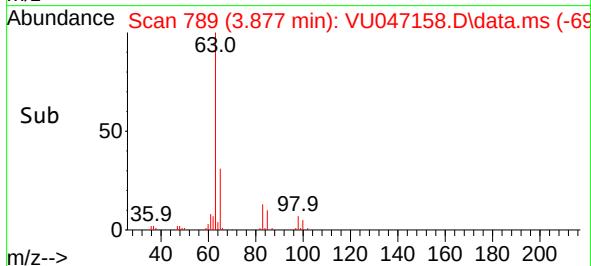
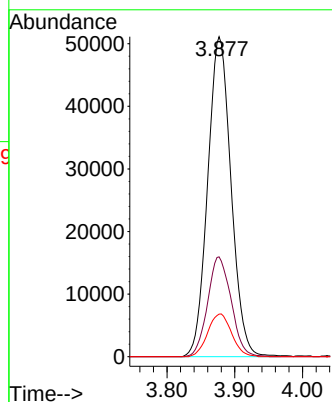
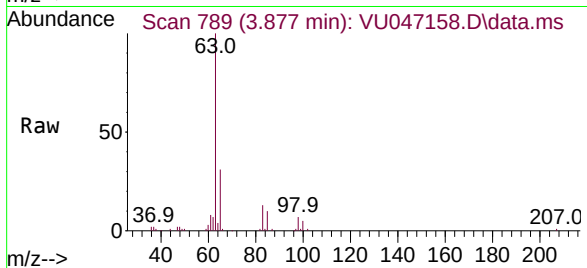
Tgt Ion: 63 Resp: 122286

Ion Ratio Lower Upper

63 100

65 31.2 22.3 41.5

83 13.3 9.6 17.8



#21

2-Butanone

Concen: 53.738 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. -0.003 min

Lab File: VU047158.D

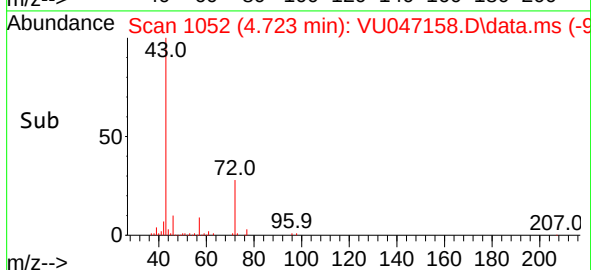
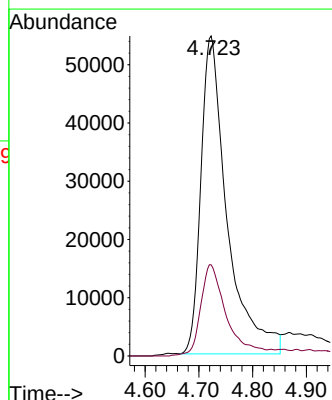
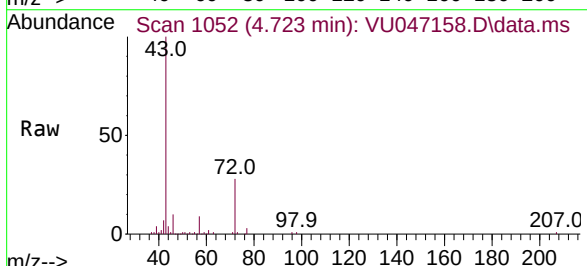
Acq: 16 Feb 2022 13:28

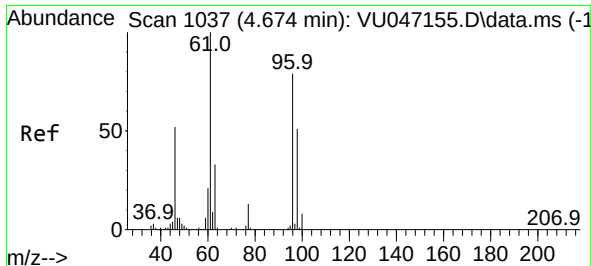
Tgt Ion: 43 Resp: 184678

Ion Ratio Lower Upper

43 100

72 28.2 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 5.403 ug/L

RT: 4.674 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

VICV064

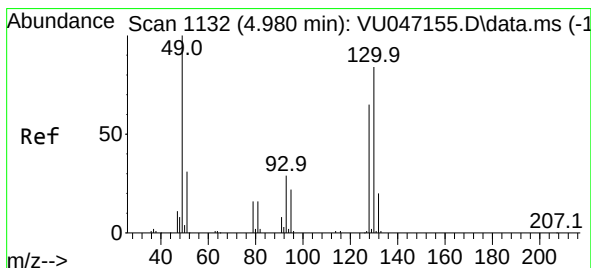
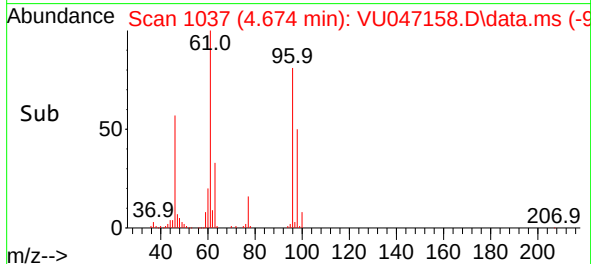
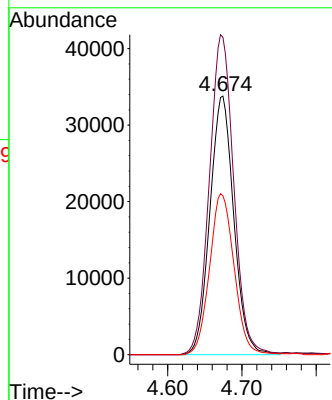
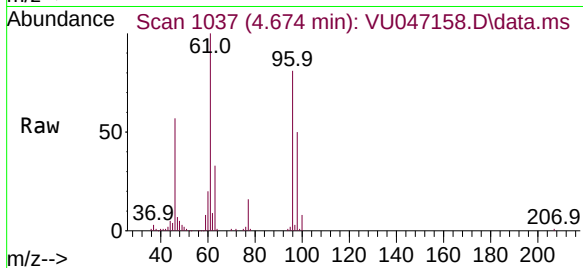
Tgt Ion: 96 Resp: 75730

Ion Ratio Lower Upper

96 100

61 122.8 88.5 164.3

98 61.4 44.4 82.5



#23

Bromochloromethane

Concen: 5.361 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

Tgt Ion: 128 Resp: 35227

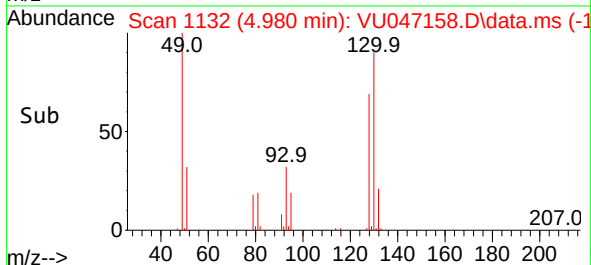
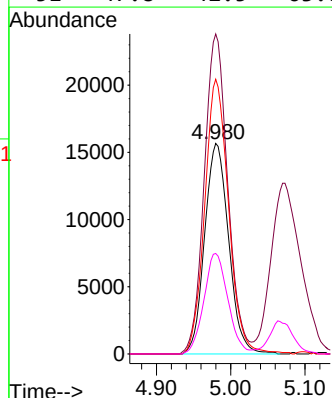
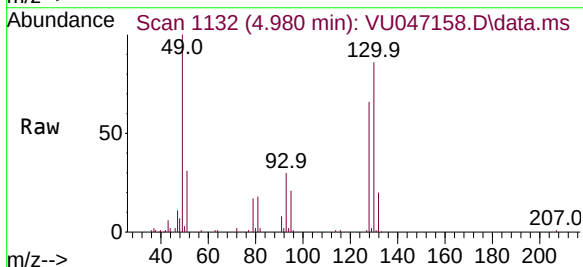
Ion Ratio Lower Upper

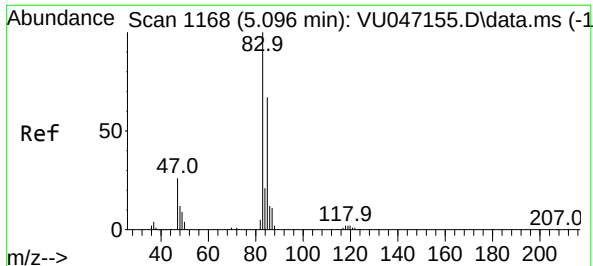
128 100

49 152.0 117.0 217.2

130 130.5 88.2 163.8

51 47.8 42.5 63.7





#25

Chloroform

Concen: 5.317 ug/L

RT: 5.092 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

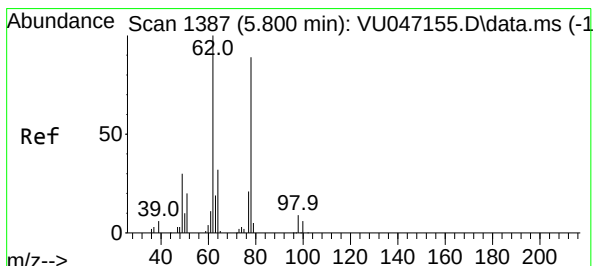
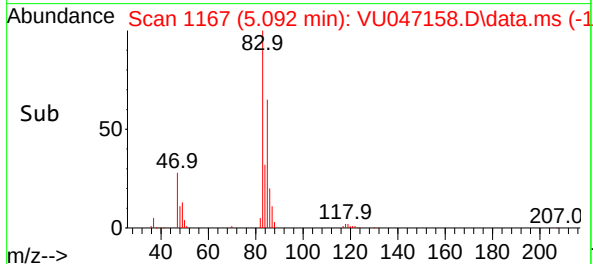
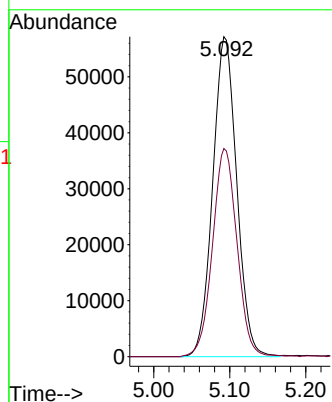
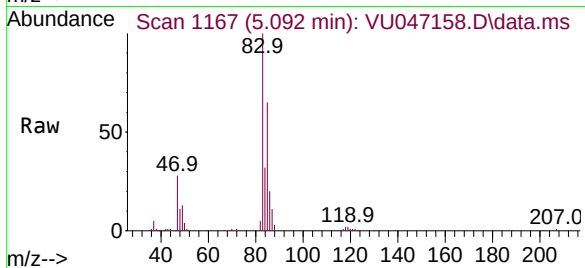
VICV064

Tgt Ion: 83 Resp: 125316

Ion Ratio Lower Upper

83 100

85 65.0 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.301 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU047158.D

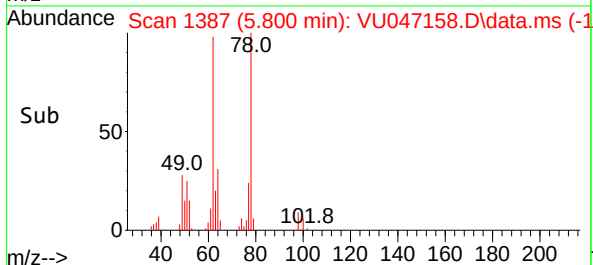
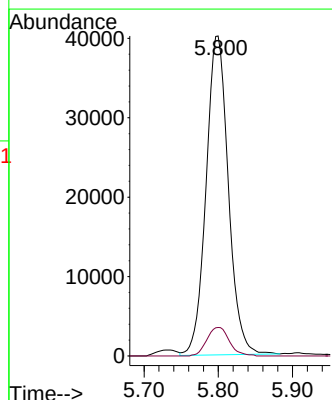
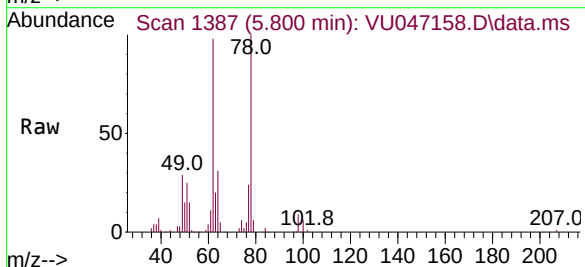
Acq: 16 Feb 2022 13:28

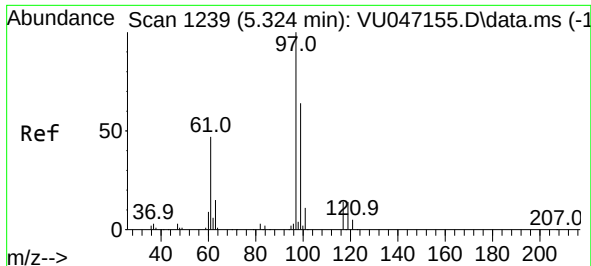
Tgt Ion: 62 Resp: 83524

Ion Ratio Lower Upper

62 100

98 8.9 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.431 ug/L

RT: 5.321 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

VICV064

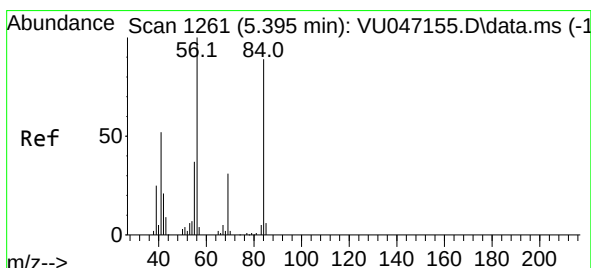
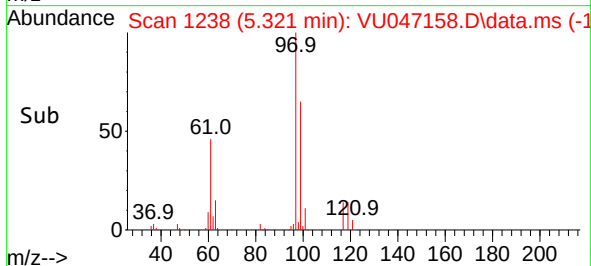
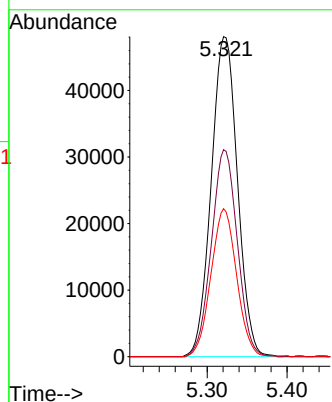
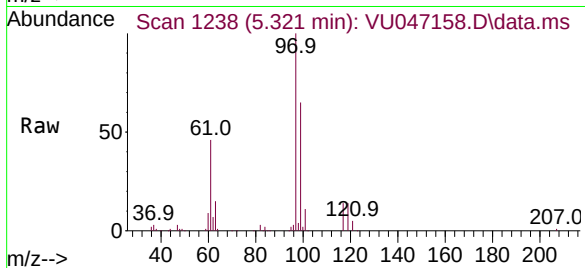
Tgt Ion: 97 Resp: 109625

Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 45.2 36.1 54.1



#30

Cyclohexane

Concen: 5.427 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

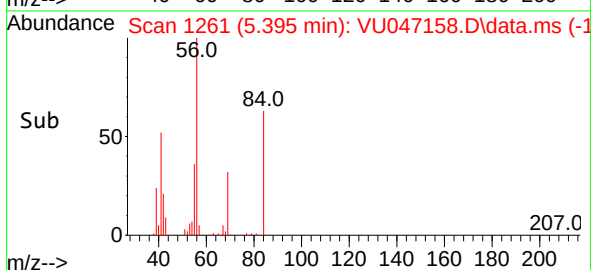
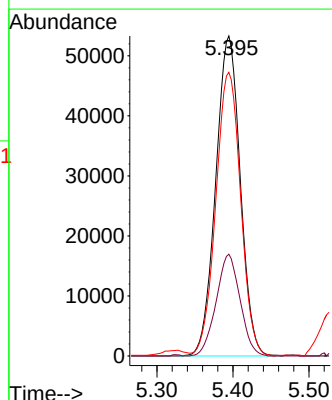
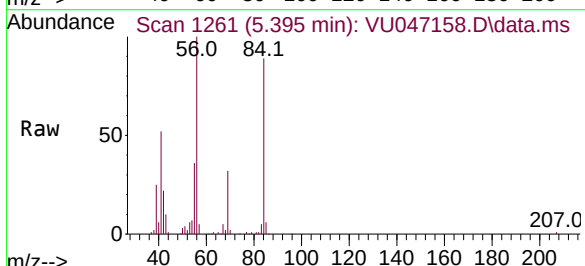
Tgt Ion: 56 Resp: 119544

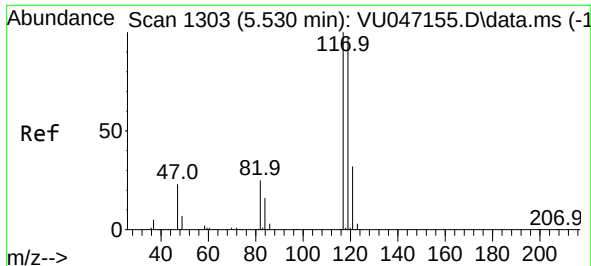
Ion Ratio Lower Upper

56 100

69 31.0 24.7 37.1

84 89.7 71.8 107.6

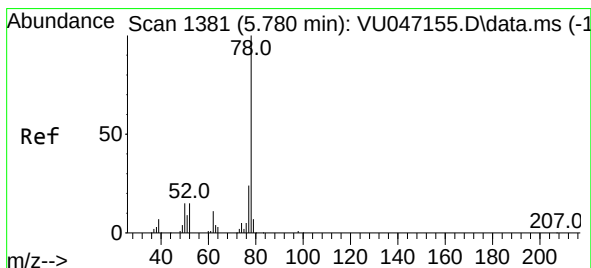
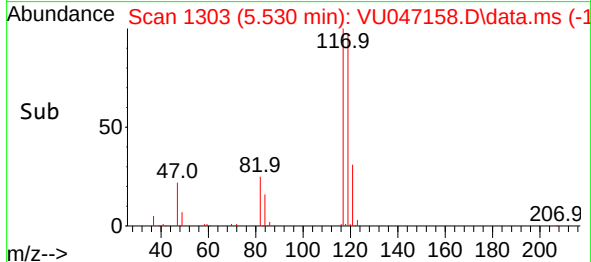
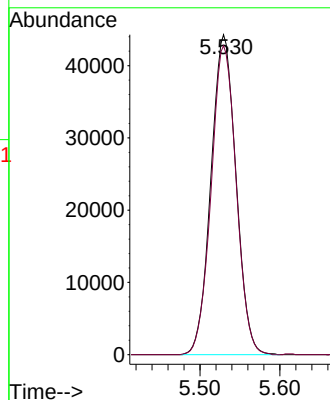
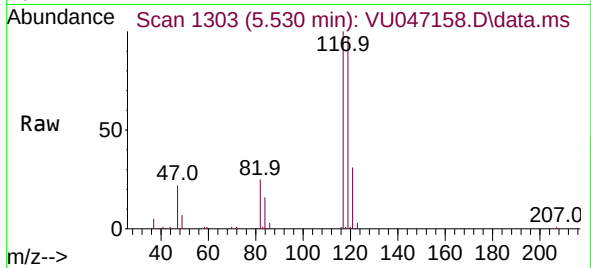




#31
Carbon tetrachloride
Concen: 5.475 ug/L
RT: 5.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

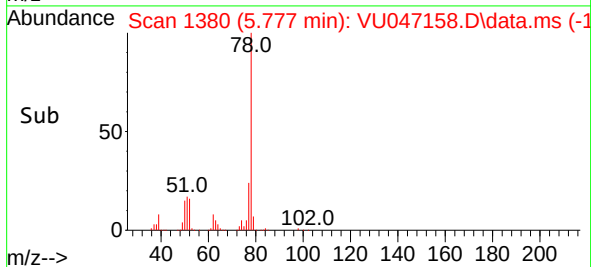
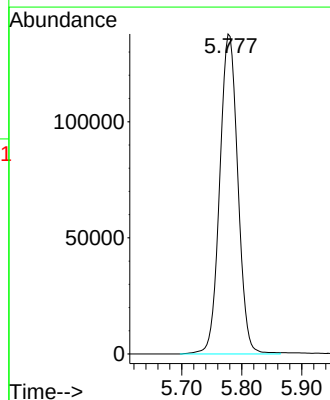
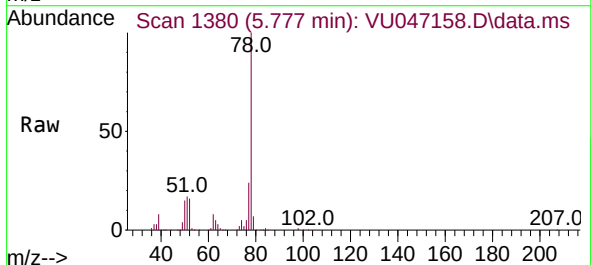
Instrument :
MSVOA_U
ClientSampleId :
VICV064

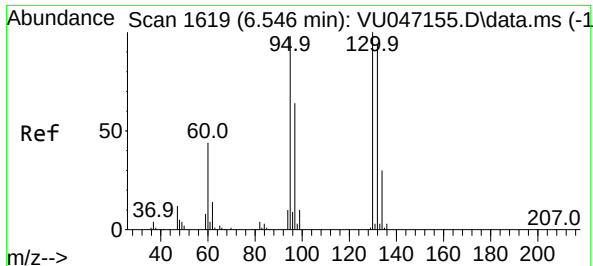
Tgt Ion:117 Resp: 96214
Ion Ratio Lower Upper
117 100
119 96.6 77.5 116.3



#33
Benzene
Concen: 5.440 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

Tgt Ion: 78 Resp: 288124





#34

Trichloroethene

Concen: 5.411 ug/L

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

VICV064

Tgt Ion: 95 Resp: 76444

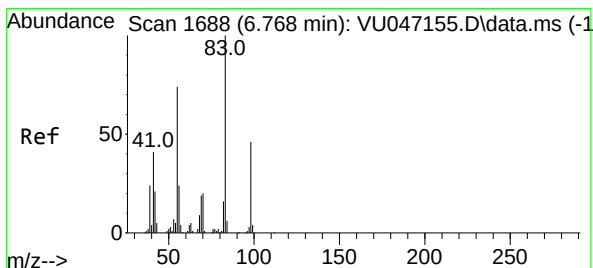
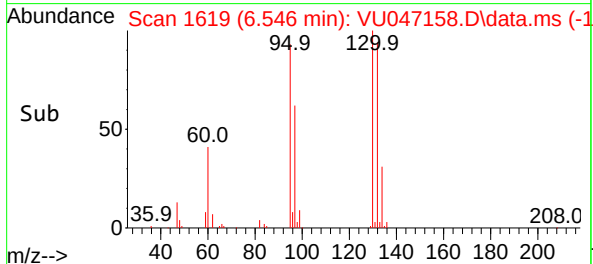
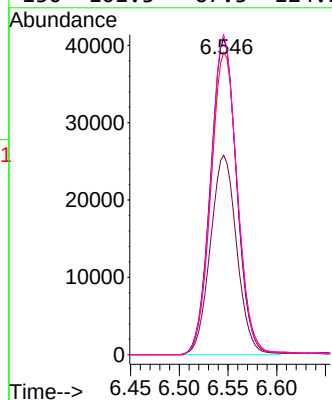
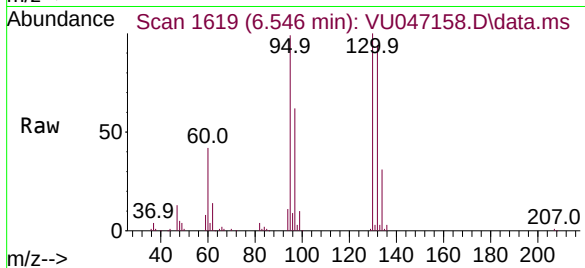
Ion Ratio Lower Upper

95 100

97 63.2 46.5 86.5

132 95.7 65.1 120.9

130 101.3 67.3 124.9



#35

Methylcyclohexane

Concen: 5.373 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

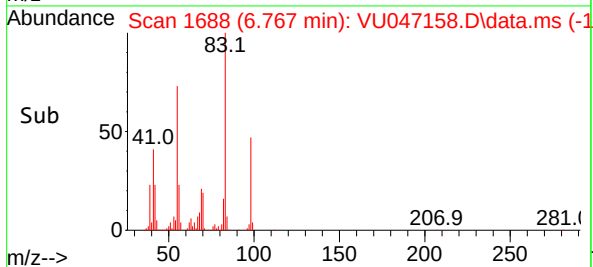
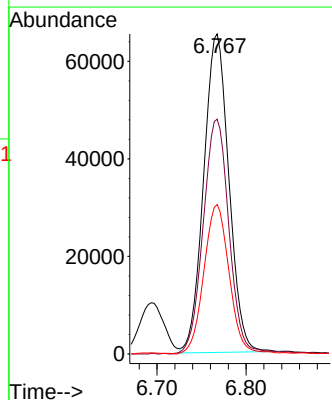
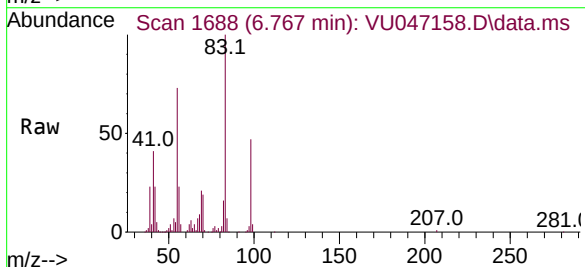
Tgt Ion: 83 Resp: 128087

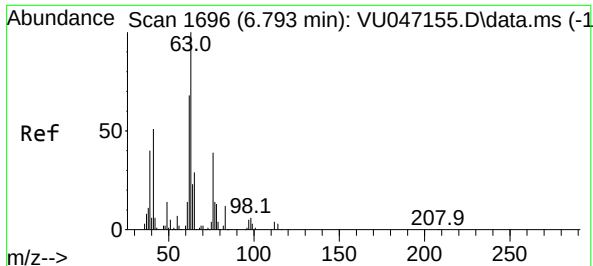
Ion Ratio Lower Upper

83 100

55 76.1 61.9 92.9

98 47.2 39.0 58.6

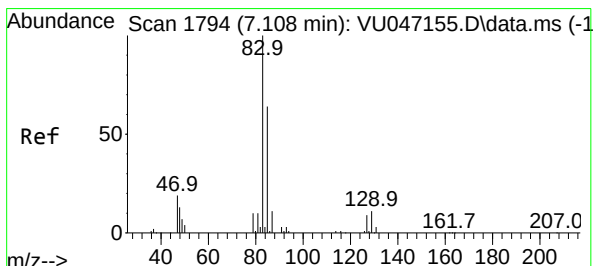
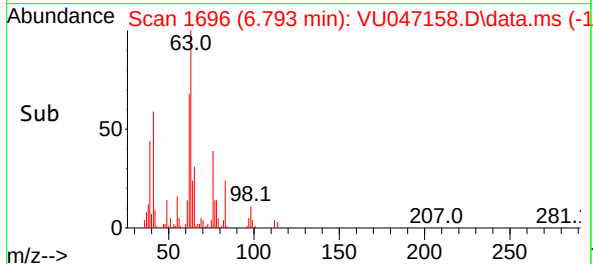
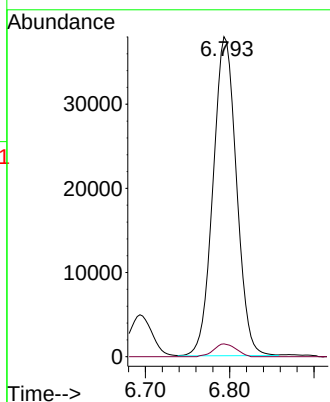
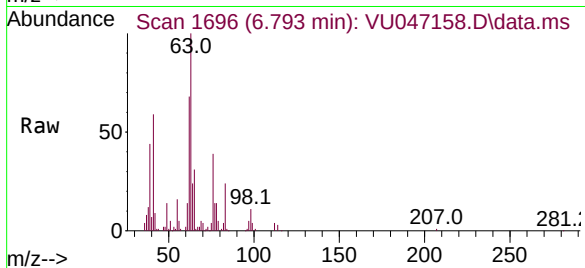




#37
1,2-Dichloropropane
Concen: 5.347 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

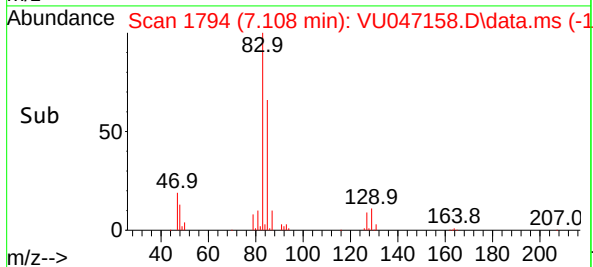
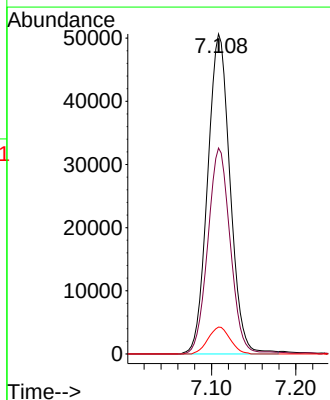
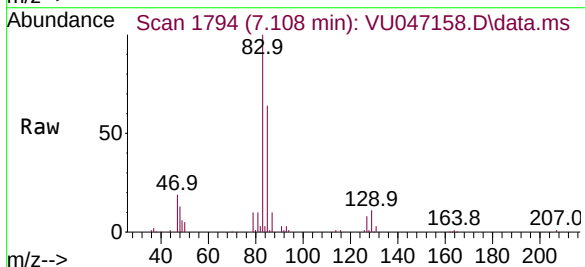
Instrument :
MSVOA_U
ClientSampleId :
VICV064

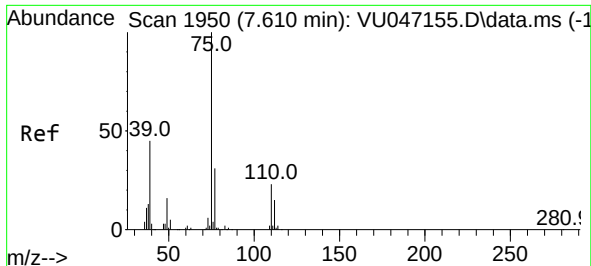
Tgt Ion: 63 Resp: 73209
Ion Ratio Lower Upper
63 100
112 3.8 3.2 4.8



#38
Bromodichloromethane
Concen: 5.364 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

Tgt Ion: 83 Resp: 93814
Ion Ratio Lower Upper
83 100
85 64.3 44.0 81.8
127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.447 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

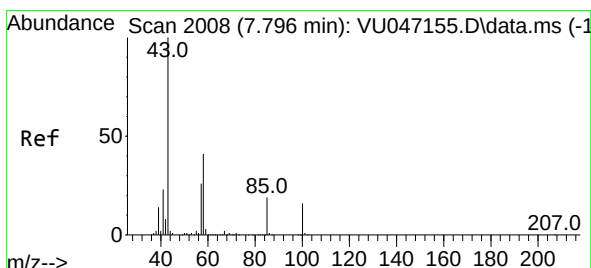
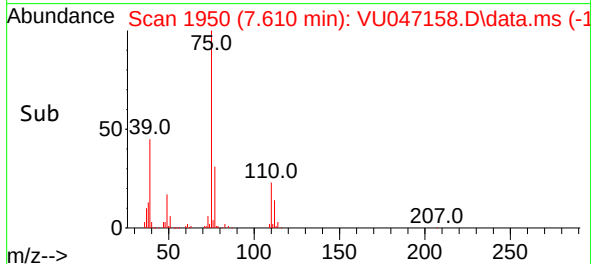
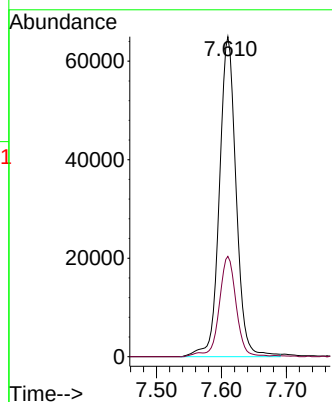
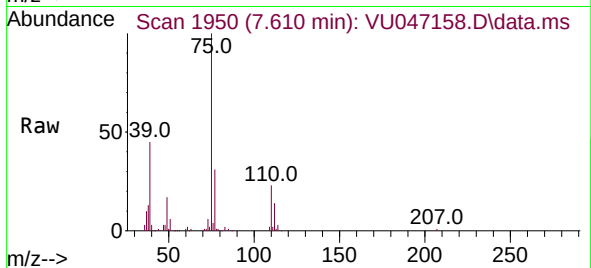
VICV064

Tgt Ion: 75 Resp: 115963

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 51.465 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

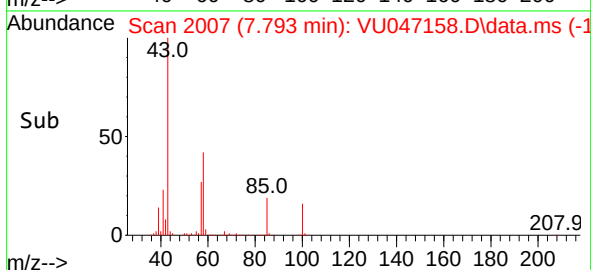
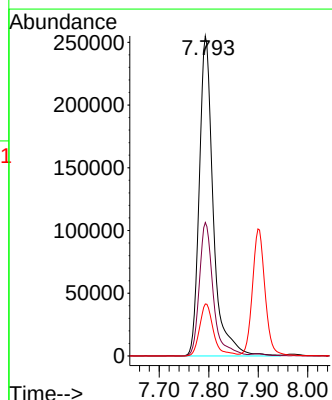
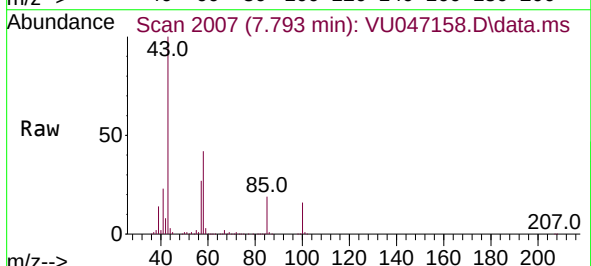
Tgt Ion: 43 Resp: 502779

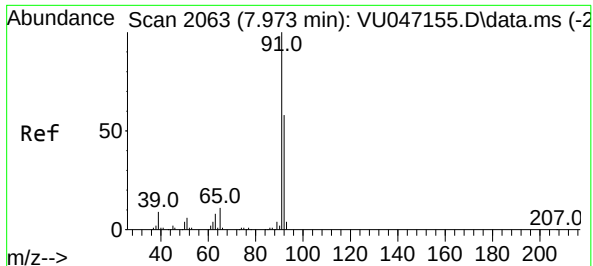
Ion Ratio Lower Upper

43 100

58 41.7 33.1 49.7

100 16.3 13.2 19.8





#42

Toluene

Concen: 5.438 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

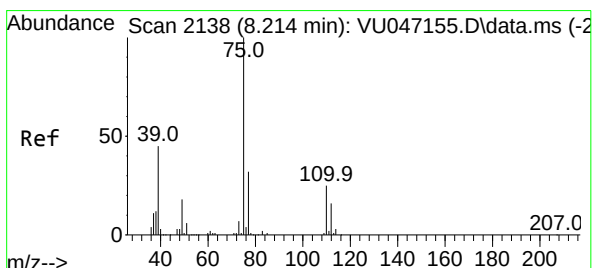
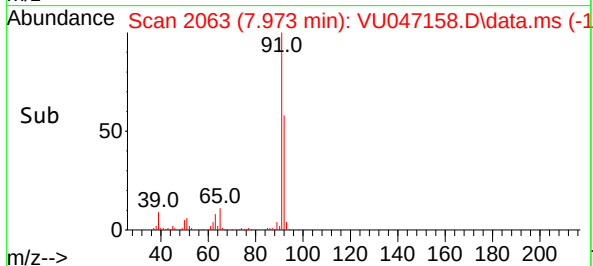
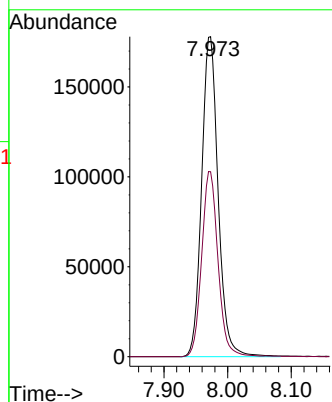
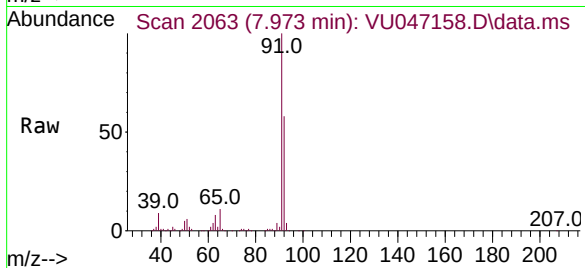
VICV064

Tgt Ion: 91 Resp: 320620

Ion Ratio Lower Upper

91 100

92 57.8 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.364 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU047158.D

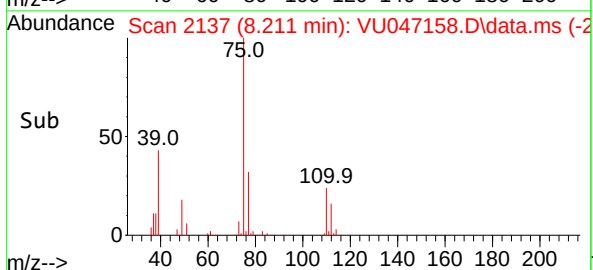
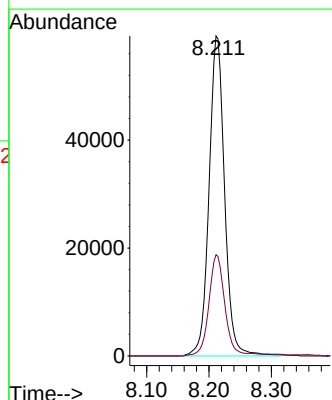
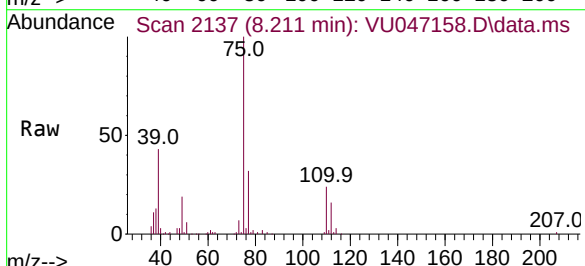
Acq: 16 Feb 2022 13:28

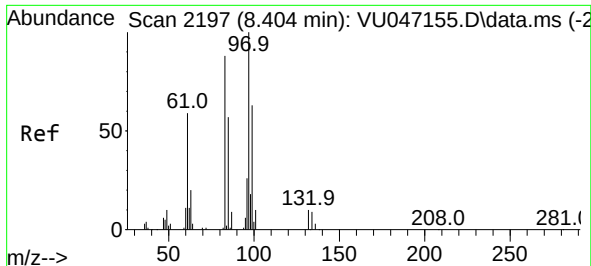
Tgt Ion: 75 Resp: 102894

Ion Ratio Lower Upper

75 100

77 31.6 22.7 42.3

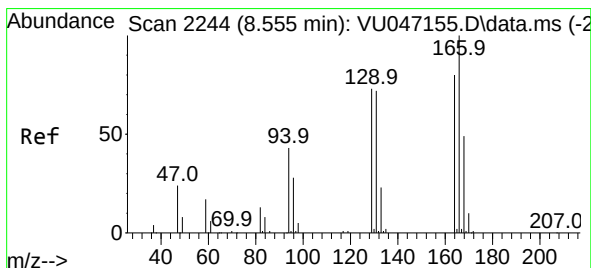
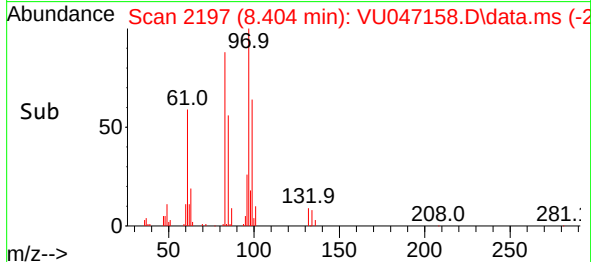
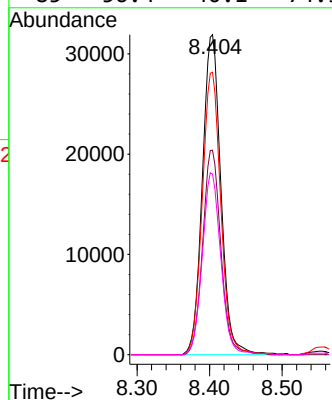
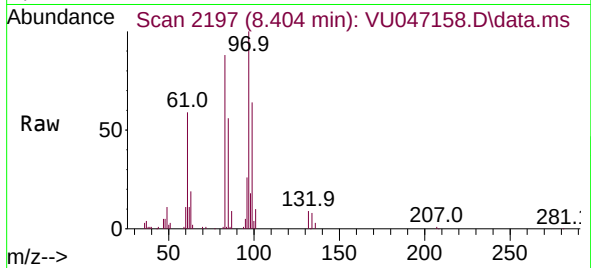




#45
1,1,2-Trichloroethane
Concen: 5.325 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

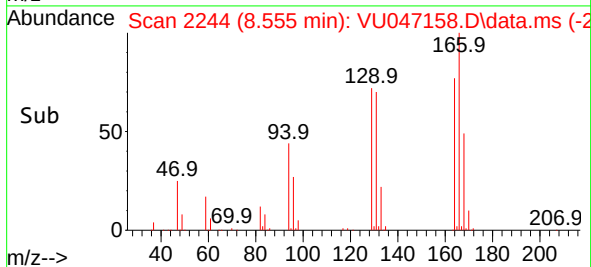
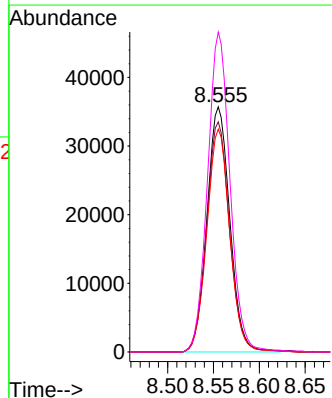
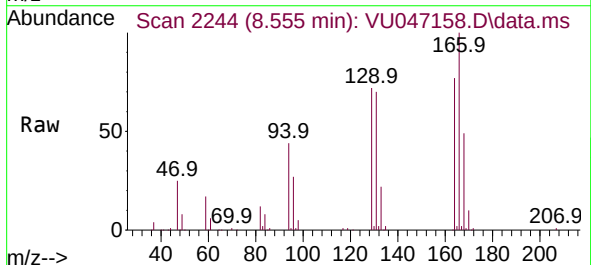
Instrument :
MSVOA_U
ClientSampleId :
VICV064

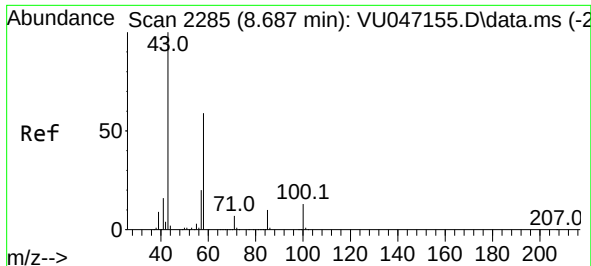
Tgt Ion: 97	Resp: 56616
Ion Ratio	Lower Upper
97 100	
99 63.9	42.3 78.5
83 88.3	62.0 115.2
85 56.4	40.1 74.5



#47
Tetrachloroethene
Concen: 5.431 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

Tgt	Ion:164	Resp:	62264
Ion	Ratio	Lower	Upper
164	100		
129	93.9	71.8	133.4
131	91.0	68.5	127.3
166	130.5	94.1	174.8

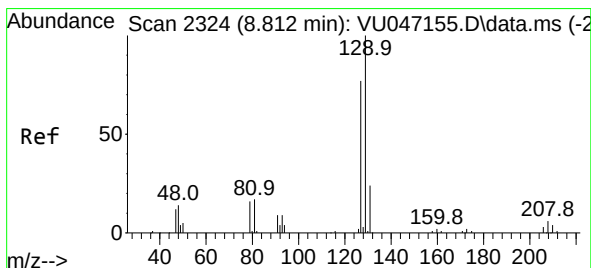
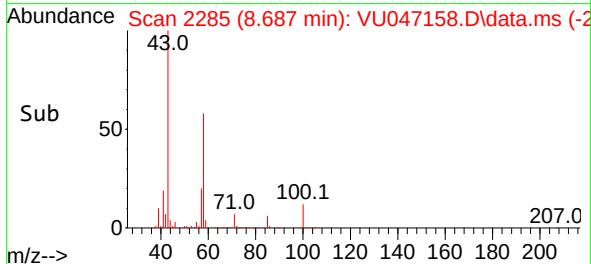
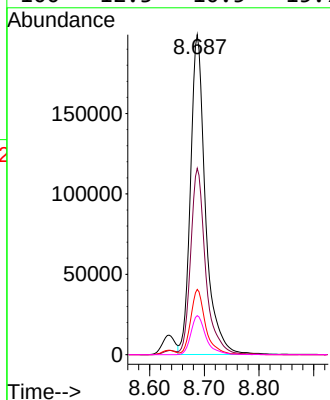
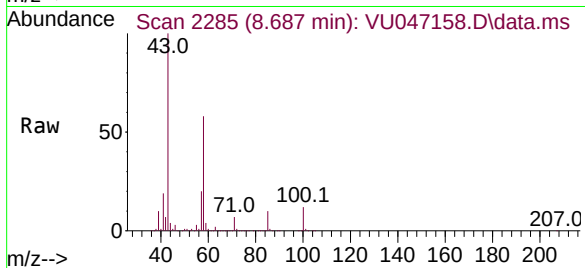




#48
2-Hexanone
Concen: 52.050 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

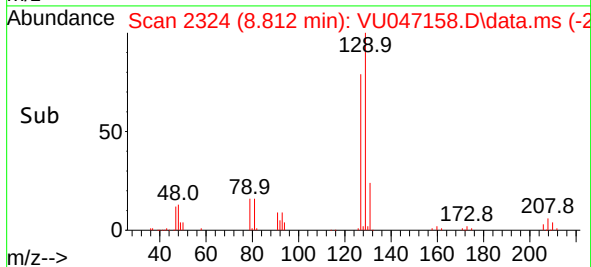
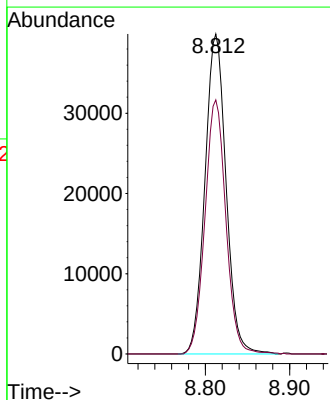
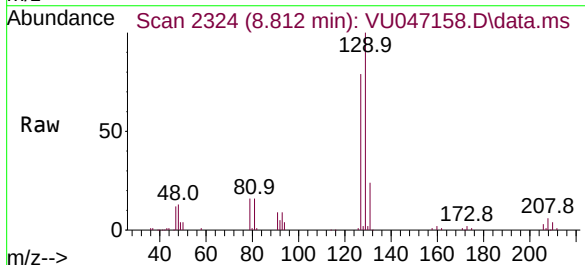
Instrument :
MSVOA_U
ClientSampleId :
VICV064

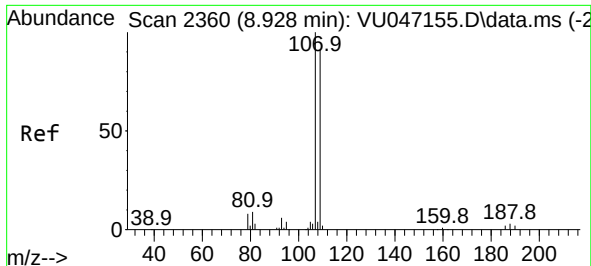
Tgt Ion: 43 Resp: 378069
Ion Ratio Lower Upper
43 100
58 57.6 46.7 70.1
57 19.9 16.3 24.5
100 12.3 10.5 15.7



#49
Dibromochloromethane
Concen: 5.416 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

Tgt Ion: 129 Resp: 69363
Ion Ratio Lower Upper
129 100
127 79.4 55.4 102.8





#50

1,2-Dibromoethane

Concen: 5.257 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

VICV064

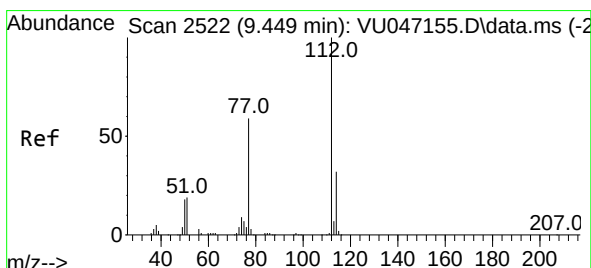
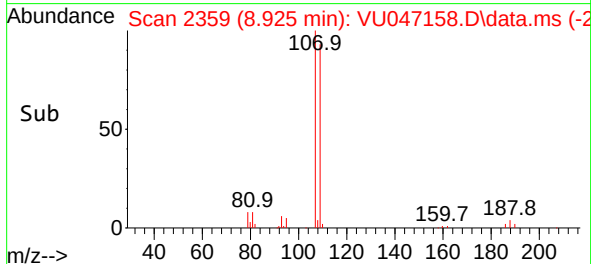
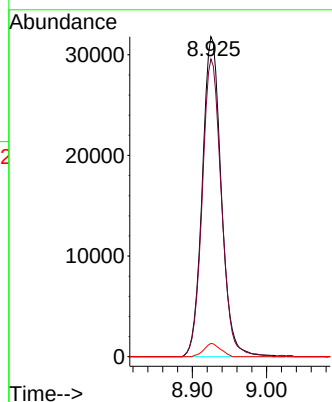
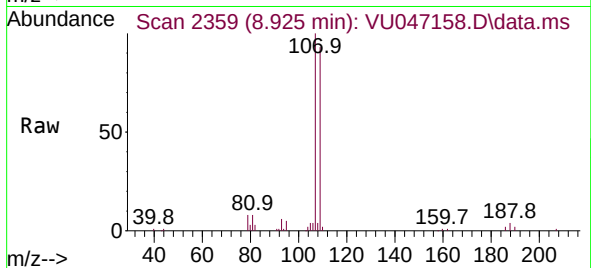
Tgt Ion:107 Resp: 56369

Ion Ratio Lower Upper

107 100

109 93.0 64.0 119.0

188 4.2 2.4 3.6#



#51

Chlorobenzene

Concen: 5.378 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

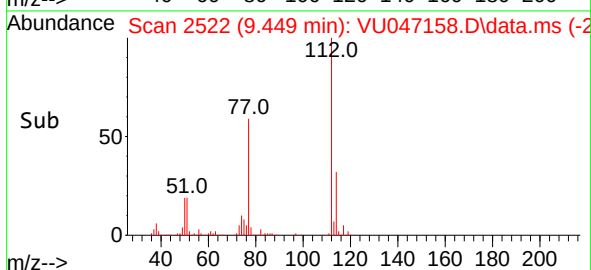
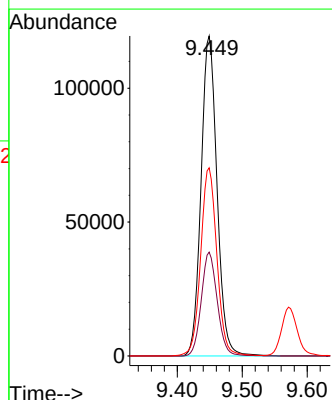
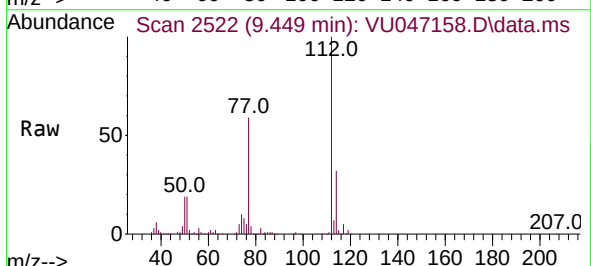
Tgt Ion:112 Resp: 204703

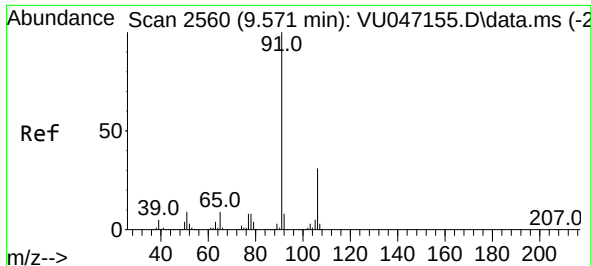
Ion Ratio Lower Upper

112 100

114 32.5 22.1 41.1

77 58.8 48.3 72.5

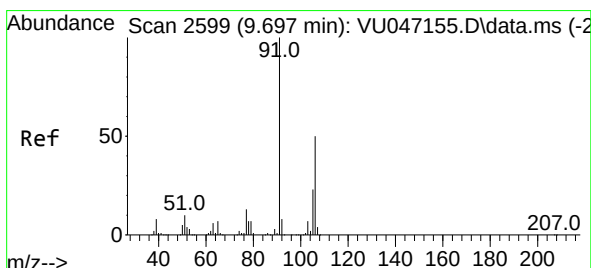
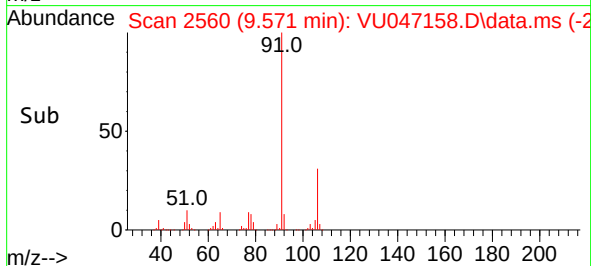
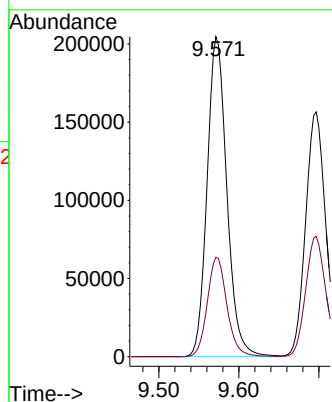
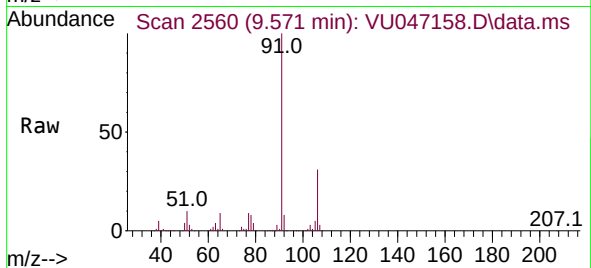




#52
Ethylbenzene
Concen: 5.445 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

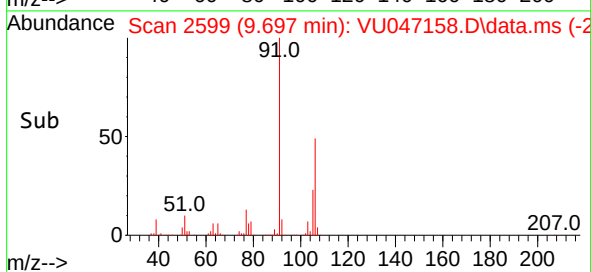
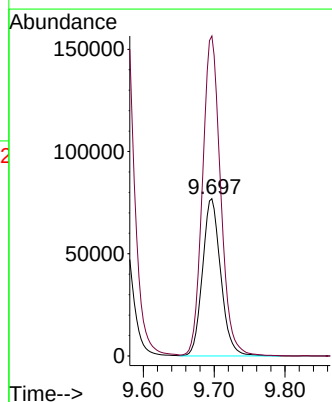
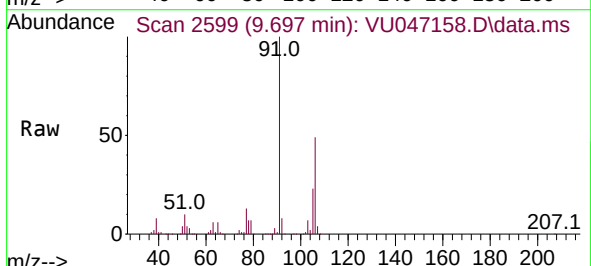
Instrument :
MSVOA_U
ClientSampleId :
VICV064

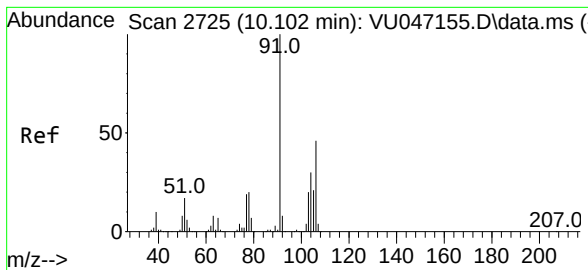
Tgt Ion: 91 Resp: 351786
Ion Ratio Lower Upper
91 100
106 31.1 21.5 39.9



#53
m,p-Xylene
Concen: 5.420 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

Tgt Ion:106 Resp: 137484
Ion Ratio Lower Upper
106 100
91 203.5 139.4 259.0

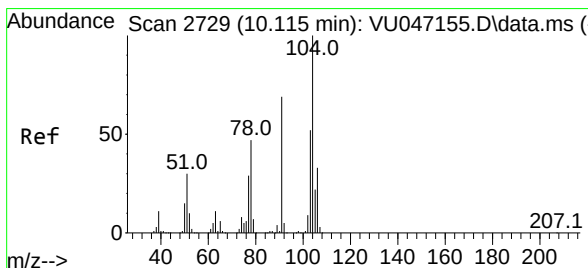
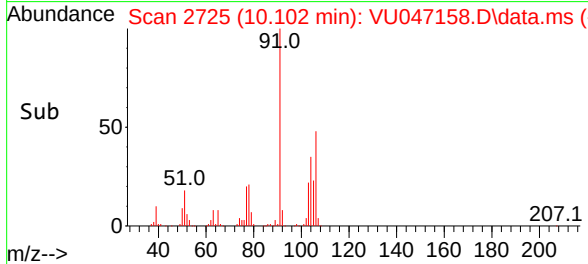
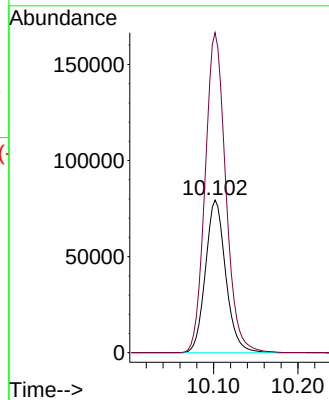
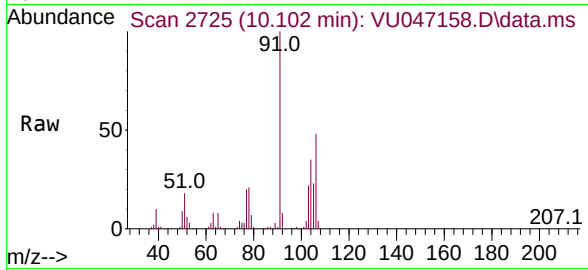




#54
o-Xylene
Concen: 5.387 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

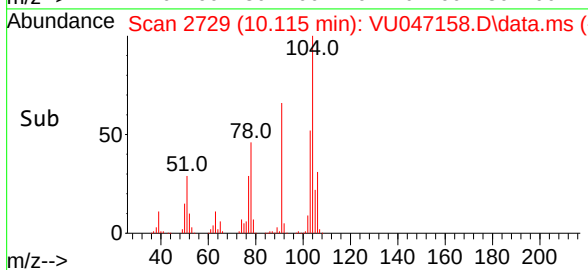
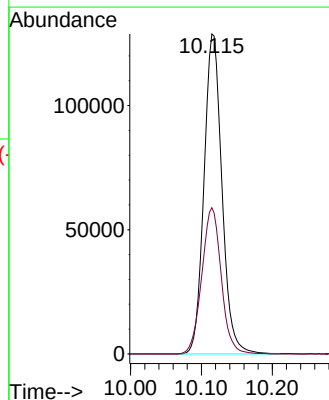
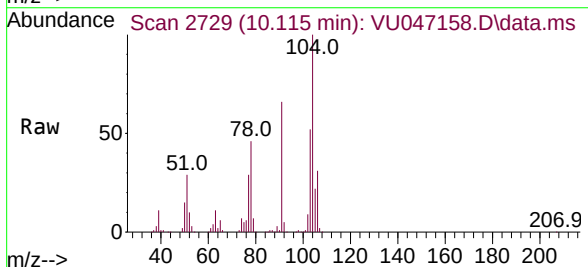
Instrument :
MSVOA_U
ClientSampleId :
VICV064

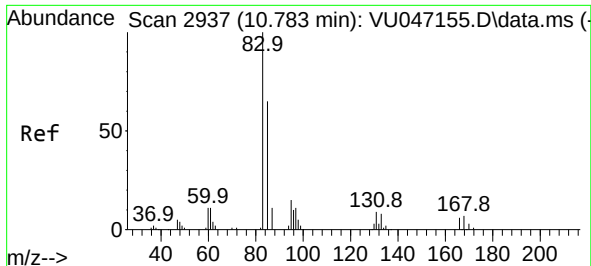
Tgt Ion:106 Resp: 133077
Ion Ratio Lower Upper
106 100
91 209.5 147.5 273.9



#55
Styrene
Concen: 5.489 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

Tgt Ion:104 Resp: 226839
Ion Ratio Lower Upper
104 100
78 45.7 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.236 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

VICV064

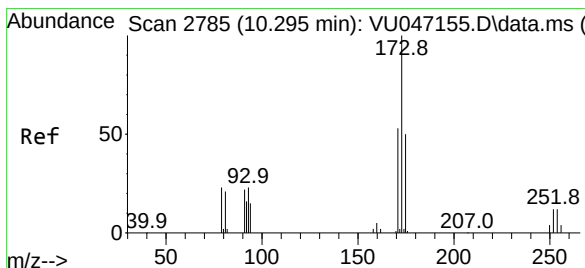
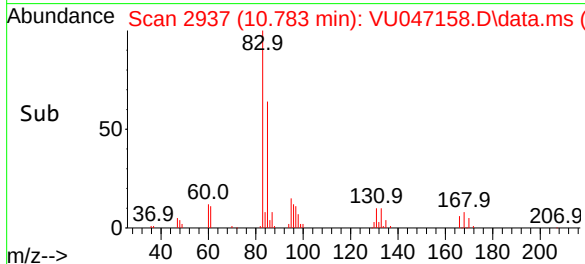
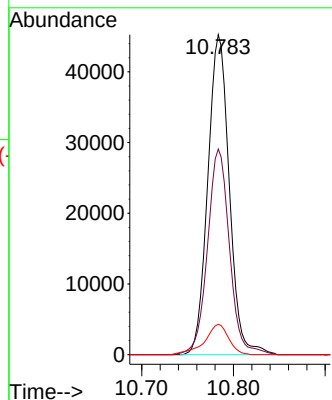
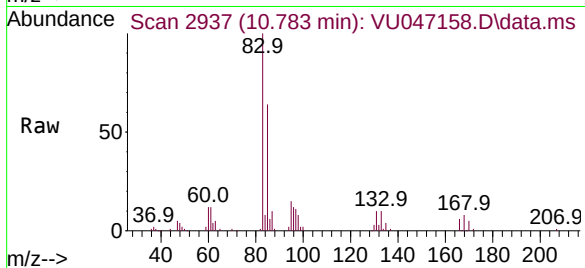
Tgt Ion: 83 Resp: 73673

Ion Ratio Lower Upper

83 100

85 64.3 47.9 89.1

131 9.5 8.1 12.1



#59

Bromoform

Concen: 5.314 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

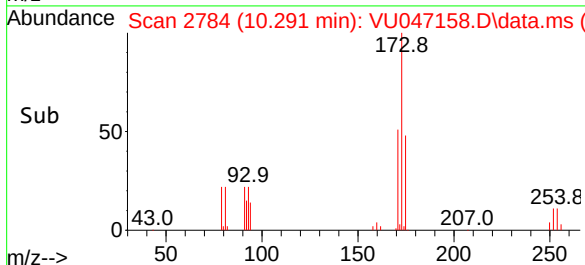
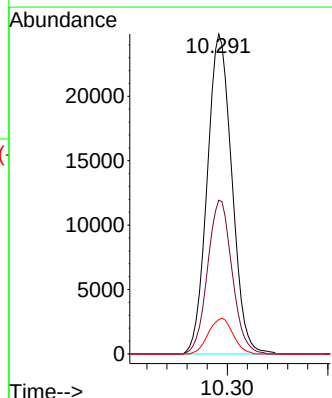
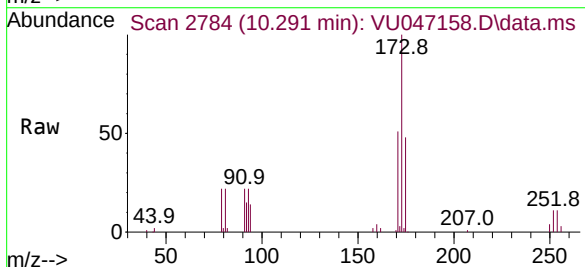
Tgt Ion: 173 Resp: 42307

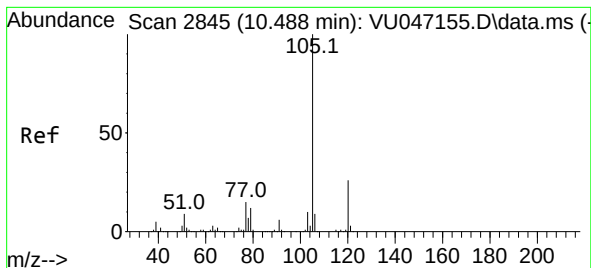
Ion Ratio Lower Upper

173 100

175 47.8 37.8 56.6

254 11.1 7.3 10.9#





#60

Isopropylbenzene

Concen: 5.496 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. -0.003 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

VICV064

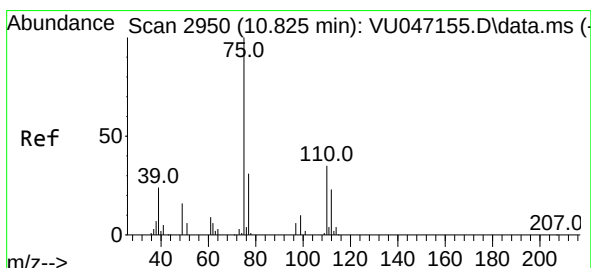
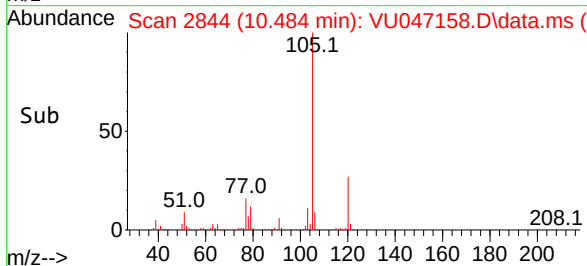
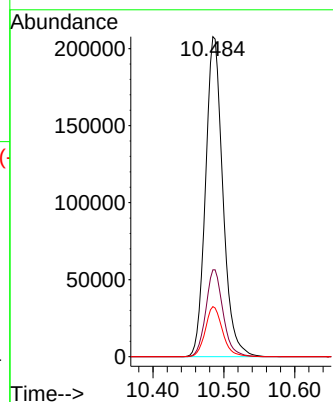
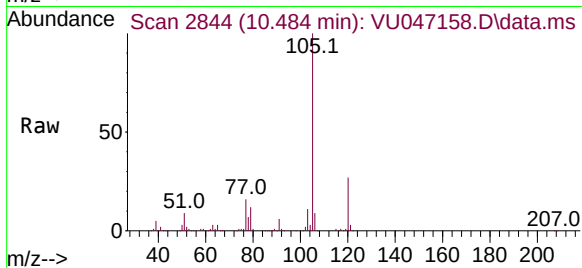
Tgt Ion:105 Resp: 352493

Ion Ratio Lower Upper

105 100

120 27.1 20.7 31.1

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.002 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU047158.D

Acq: 16 Feb 2022 13:28

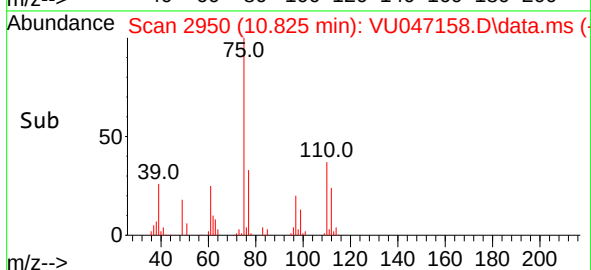
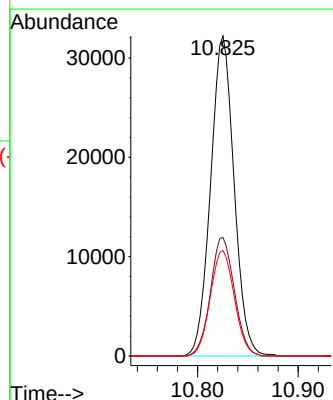
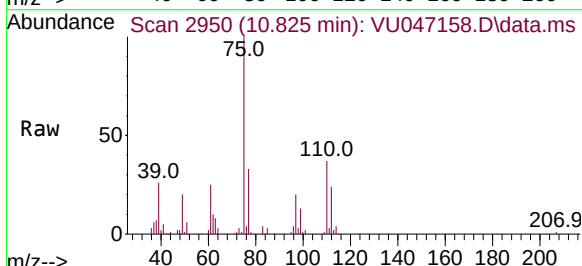
Tgt Ion: 75 Resp: 52218

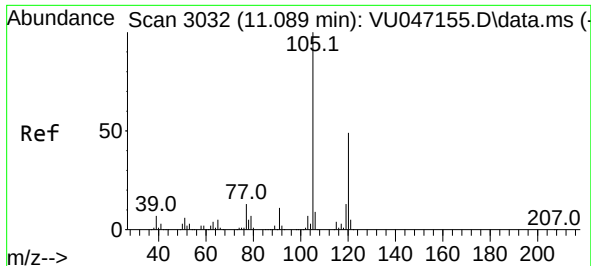
Ion Ratio Lower Upper

75 100

110 37.7 29.9 44.9

77 33.8 25.5 38.3

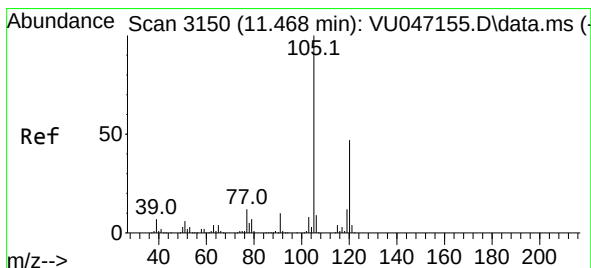
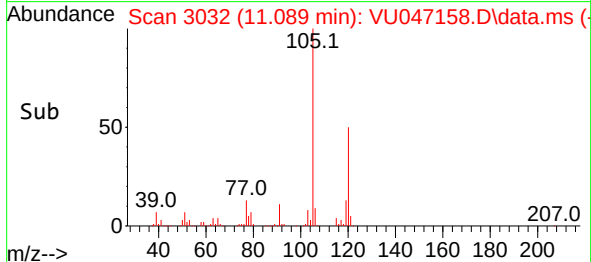
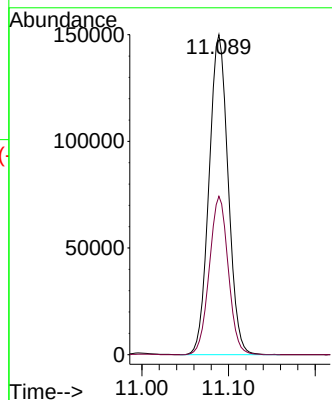
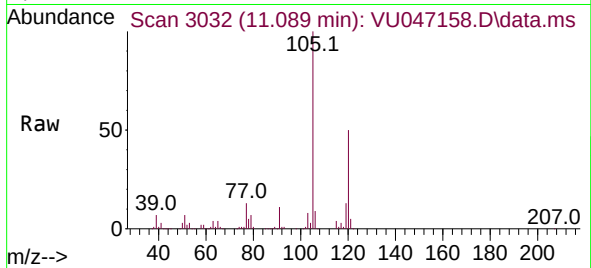




#62
1,3,5-Trimethylbenzene
Concen: 5.363 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

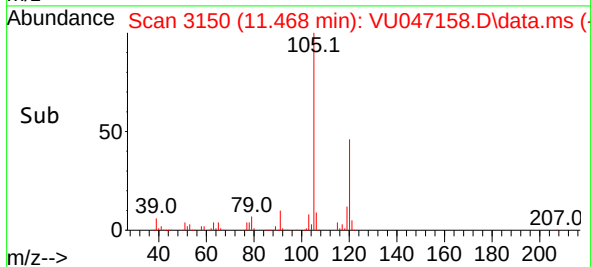
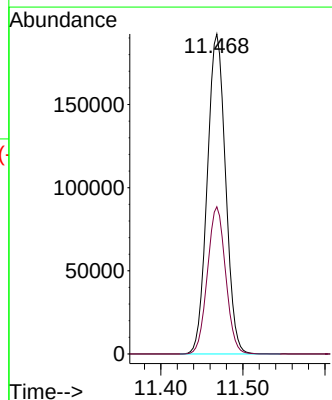
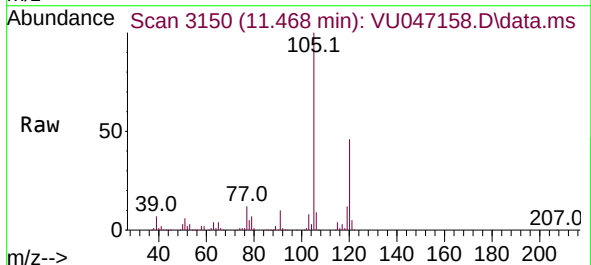
Instrument :
MSVOA_U
ClientSampleId :
VICV064

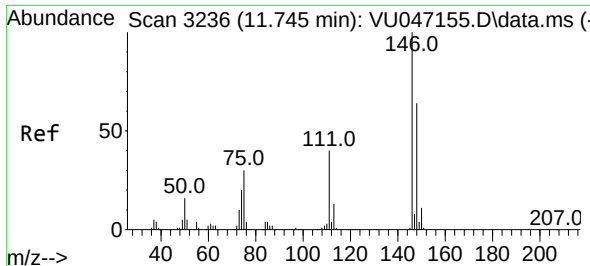
Tgt Ion:105 Resp: 229685
Ion Ratio Lower Upper
105 100
120 49.0 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.418 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

Tgt Ion:105 Resp: 298701
Ion Ratio Lower Upper
105 100
120 45.8 35.8 53.8

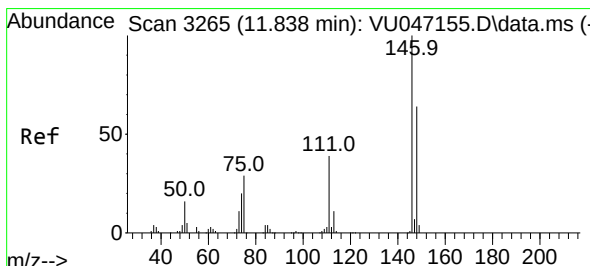
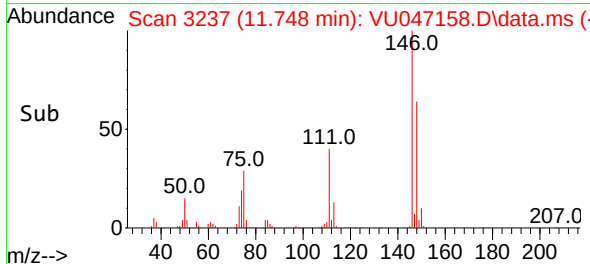
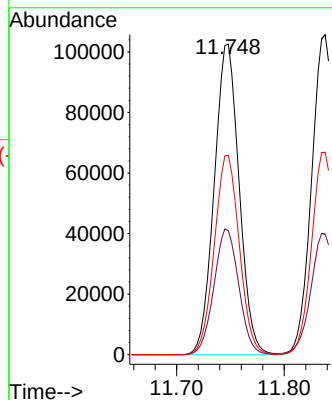
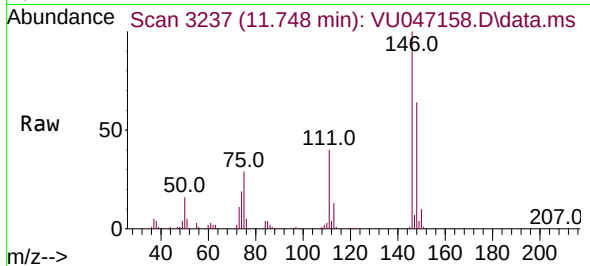




#64
1,3-Dichlorobenzene
Concen: 5.341 ug/L
RT: 11.748 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

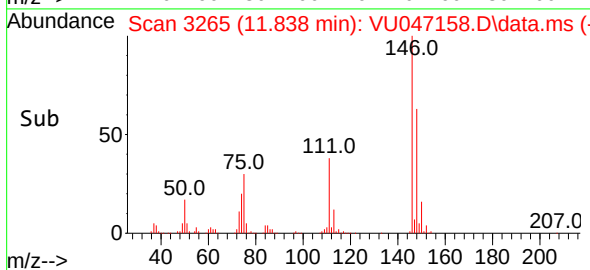
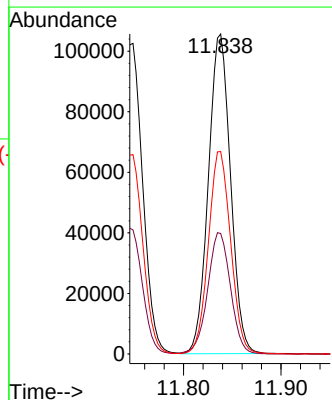
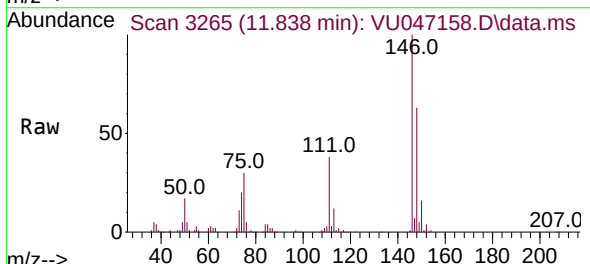
Instrument :
MSVOA_U
ClientSampleId :
VICV064

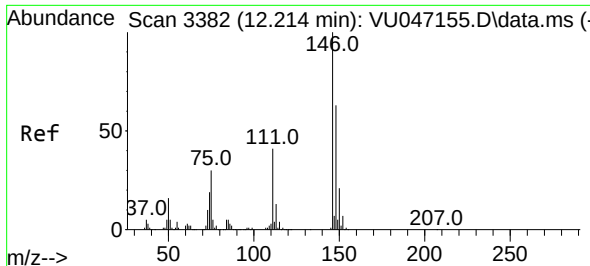
Tgt Ion:146 Resp: 165198
Ion Ratio Lower Upper
146 100
111 40.0 29.9 55.5
148 64.2 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.326 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

Tgt Ion:146 Resp: 166680
Ion Ratio Lower Upper
146 100
111 37.7 28.7 53.3
148 63.3 45.8 85.0

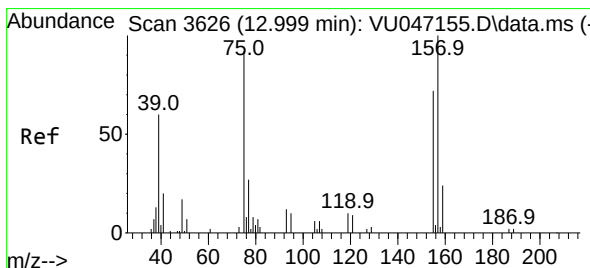
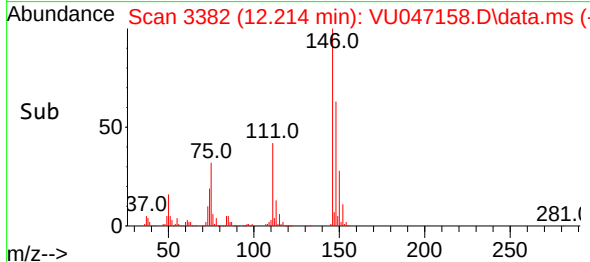
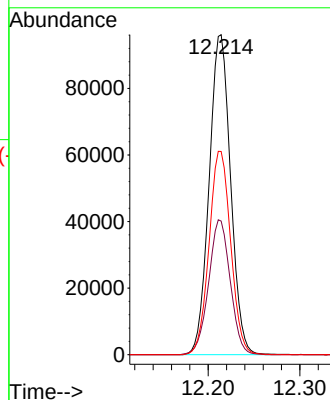
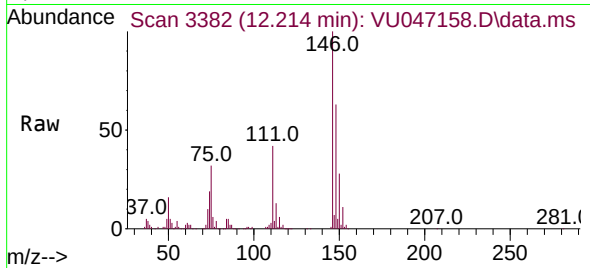




#67
 1,2-Dichlorobenzene
 Concen: 5.301 ug/L
 RT: 12.214 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU047158.D
 Acq: 16 Feb 2022 13:28

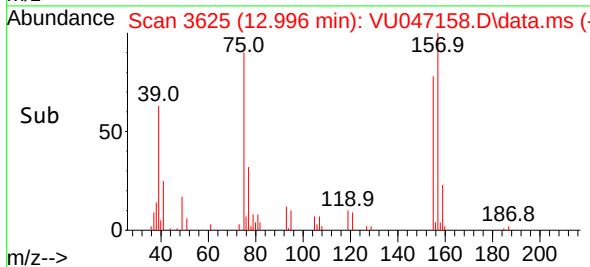
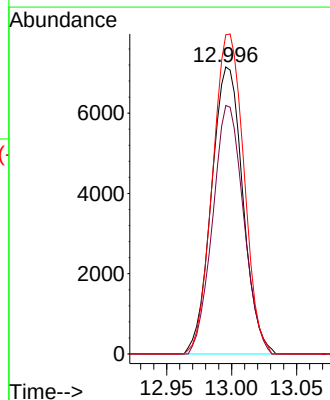
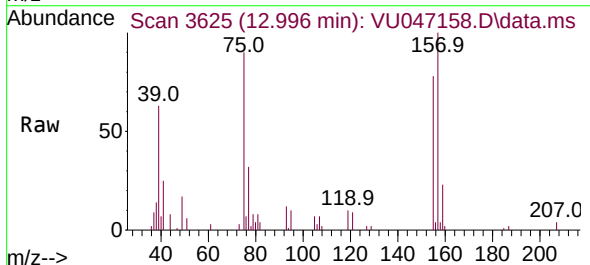
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV064

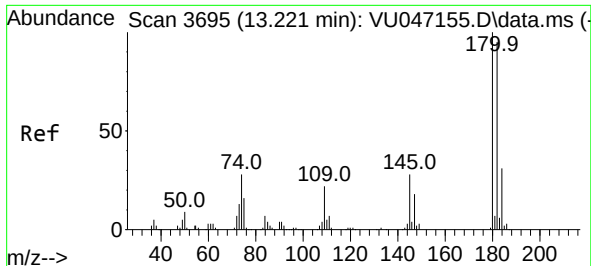
Tgt Ion:146 Resp: 156194
 Ion Ratio Lower Upper
 146 100
 111 41.7 35.4 53.0
 148 63.5 51.1 76.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.984 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. -0.003 min
 Lab File: VU047158.D
 Acq: 16 Feb 2022 13:28

Tgt Ion: 75 Resp: 12017
 Ion Ratio Lower Upper
 75 100
 155 86.6 59.2 88.8
 157 111.2 76.5 114.7

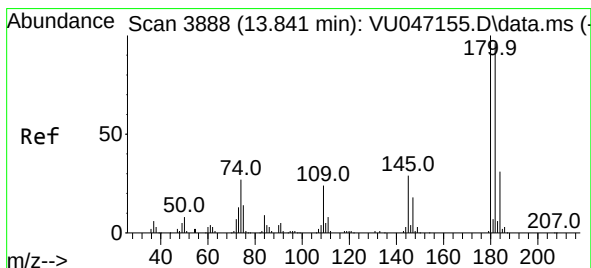
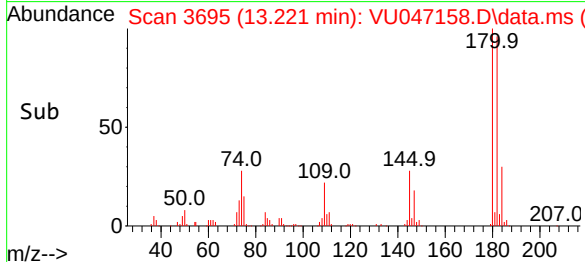
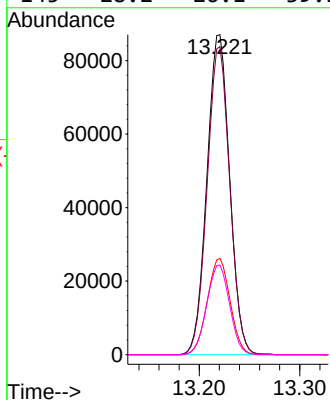
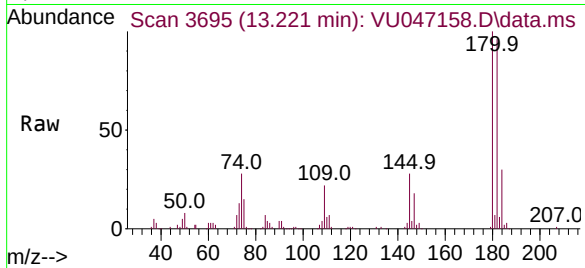




#69
 1,3,5-Trichlorobenzene
 Concen: 5.353 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047158.D
 Acq: 16 Feb 2022 13:28

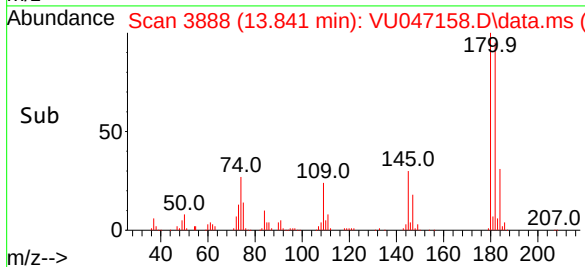
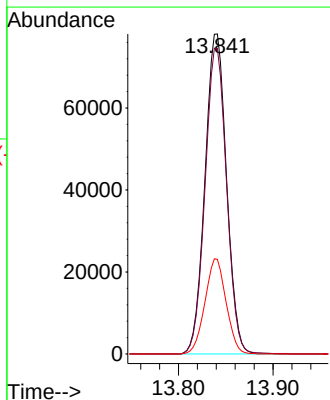
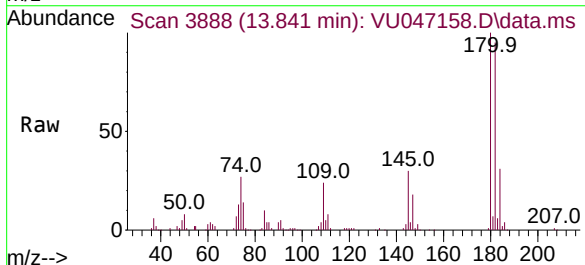
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV064

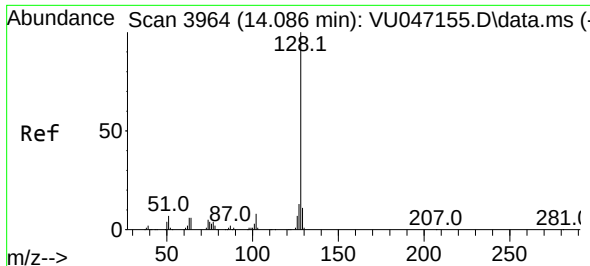
Tgt Ion:	180	Resp:	136808
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.1	114.1
184	30.2	25.0	37.4
145	28.2	26.1	39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.205 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047158.D
 Acq: 16 Feb 2022 13:28

Tgt Ion:	180	Resp:	123838
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.4	114.6
145	29.1	25.6	38.4

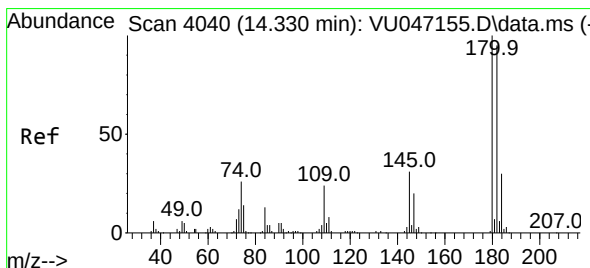
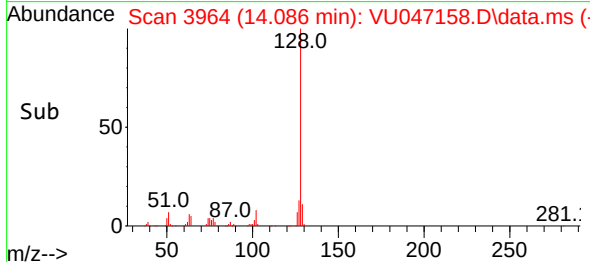
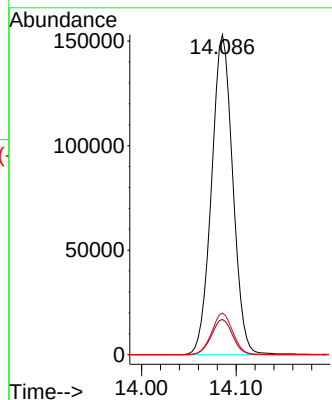
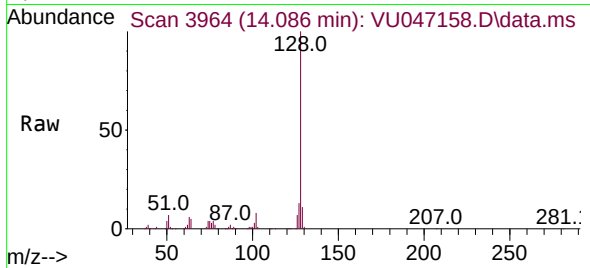




#71
Naphthalene
Concen: 4.862 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

Instrument :
MSVOA_U
ClientSampleId :
VICV064

Tgt Ion:128 Resp: 238741
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 12.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.050 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047158.D
Acq: 16 Feb 2022 13:28

Tgt Ion:180 Resp: 113000
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.4
145 30.2 28.4 42.6

