

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021722\
 Data File : VU047194.D
 Acq On : 17 Feb 2022 09:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 18 00:51:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 12 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	353162	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	354047	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	205301	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	145582	45.389	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.780%
7) Chloroethane-d5	1.919	69	126964	53.399	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.575	63	242893	45.698	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.400%
21) 2-Butanone-d5	4.632	46	260299	104.641	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.640%
24) Chloroform-d	5.070	84	267014	51.280	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.560%
26) 1,2-Dichloroethane-d4	5.706	65	171286	51.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.500%
32) Benzene-d6	5.732	84	531770	45.178	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.360%
36) 1,2-Dichloropropane-d6	6.693	67	175991	46.106	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.220%
41) Toluene-d8	7.902	98	512442	45.725	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.460%
43) trans-1,3-Dichloroprop...	8.182	79	89506	44.745	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.480%
47) 2-Hexanone-d5	8.635	63	203193	92.918	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	274552	49.328	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.660%
66) 1,2-Dichlorobenzene-d4	12.195	152	220023	45.188	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	161178	48.982	ug/L	100
3) Chloromethane	1.526	50	163668	50.263	ug/L	98
5) Vinyl chloride	1.607	62	162982	49.668	ug/L	100
6) Bromomethane	1.864	94	100031	52.406	ug/L	99
8) Chloroethane	1.941	64	104056	55.005	ug/L	96
9) Trichlorofluoromethane	2.144	101	213601	56.211	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	121638	51.967	ug/L	95
12) 1,1-Dichloroethene	2.587	96	112837	49.133	ug/L	99
13) Acetone	2.649	43	185530	102.384	ug/L	98
14) Carbon disulfide	2.800	76	336819	46.730	ug/L	99
15) Methyl Acetate	2.957	43	142100	46.599	ug/L	96
16) Methylene chloride	3.054	84	128831	50.695	ug/L	95
17) trans-1,2-Dichloroethene	3.359	96	121574	50.387	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	394061	48.295	ug/L	96
19) 1,1-Dichloroethane	3.877	63	221106	48.794	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	139214	52.163	ug/L	100
22) 2-Butanone	4.713	43	243070	99.972	ug/L	98
23) Bromochloromethane	4.980	128	72568	51.272	ug/L	97
25) Chloroform	5.092	83	232441	52.366	ug/L	99

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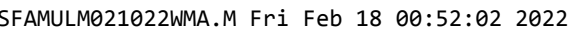
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 ClientSampleId :

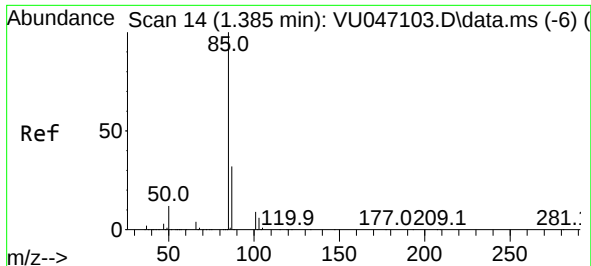
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	182090	51.628	ug/L	100
29) Cyclohexane	5.394	56	208158	44.860	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	201351	47.480	ug/L	98
31) Carbon tetrachloride	5.529	117	177693	48.328	ug/L	100
33) Benzene	5.777	78	527280	47.749	ug/L	100
34) Trichloroethene	6.546	95	136188	47.478	ug/L	97
35) Methylcyclohexane	6.767	83	228762	47.530	ug/L	98
37) 1,2-Dichloropropane	6.793	63	135951	45.961	ug/L	98
38) Bromodichloromethane	7.108	83	181635	48.178	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	217895	45.325	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	415349	88.672	ug/L	95
42) Toluene	7.973	91	587086	48.403	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	217808	47.154	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	135469	48.626	ug/L	97
46) Tetrachloroethene	8.555	164	113348	49.122	ug/L	97
48) 2-Hexanone	8.687	43	352077	90.889	ug/L	96
49) Dibromochloromethane	8.812	129	154194	47.838	ug/L	99
50) 1,2-Dibromoethane	8.925	107	152452	49.263	ug/L	100
51) Chlorobenzene	9.449	112	382786	49.220	ug/L	99
52) Ethylbenzene	9.574	91	646776	48.724	ug/L	99
53) m,p-Xylene	9.697	106	253285	48.092	ug/L	97
54) o-xylene	10.102	106	249691	48.151	ug/L	99
55) Styrene	10.118	104	431076	48.312	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	240815	49.032	ug/L	99
59) Bromoform	10.291	173	123969	44.478	ug/L	97
60) 1,2,3-Trichloropropane	10.825	75	190793	43.595	ug/L	96
61) Isopropylbenzene	10.487	105	656256	45.472	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	450727	44.067	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	549694	44.265	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	310997	46.182	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	312139	46.111	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	306419	45.724	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	54983	39.433	ug/L	85
69) 1,3,5-Trichlorobenzene	13.220	180	246747	47.380	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	234057	47.412	ug/L	98
71) Naphthalene	14.085	128	780495	44.659	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	232090	47.216	ug/L	98

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

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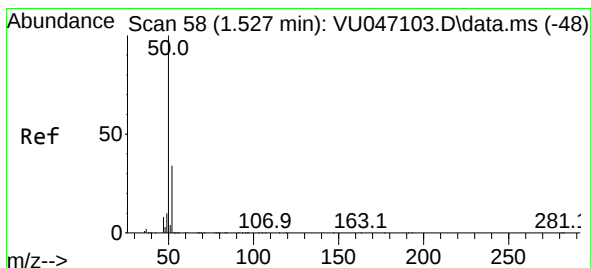
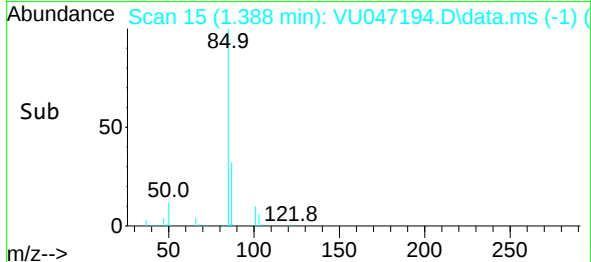
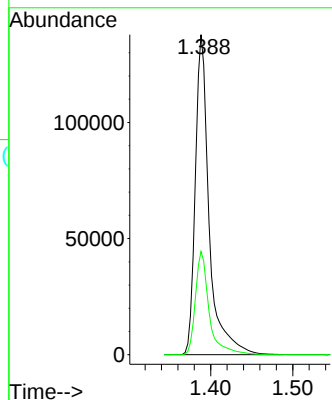
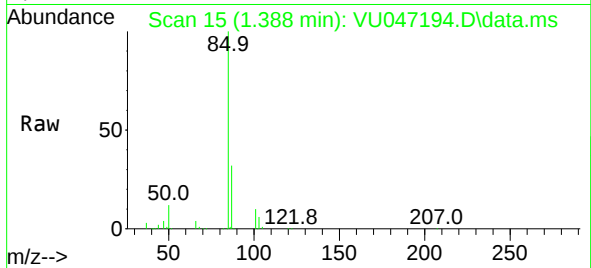




#2
 Dichlorodifluoromethane
 Concen: 48.982 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU047194.D
 Acq: 17 Feb 2022 09:49

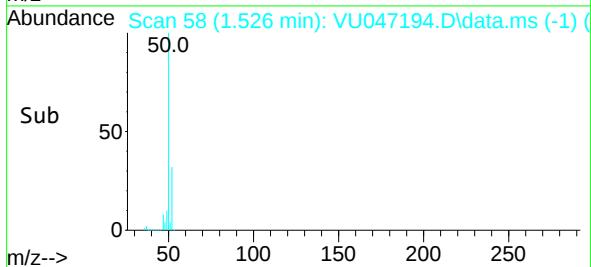
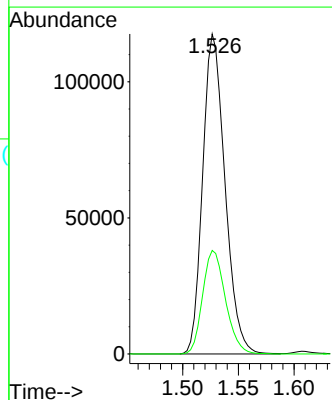
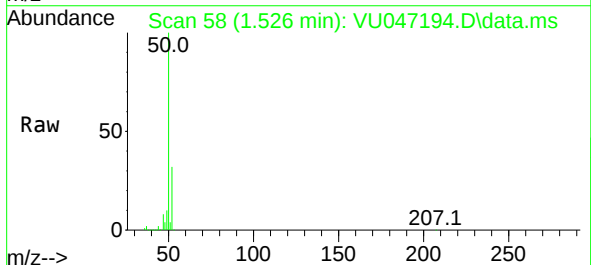
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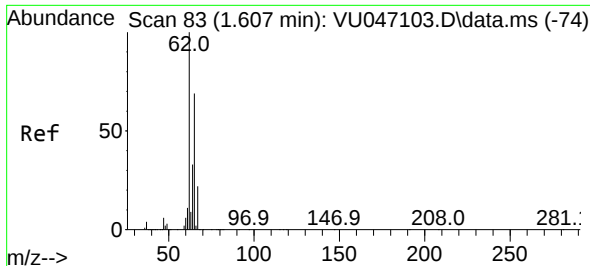
Tgt Ion: 85 Resp: 161178
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.6 38.4



#3
 Chloromethane
 Concen: 50.263 ug/L
 RT: 1.526 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: VU047194.D
 Acq: 17 Feb 2022 09:49

Tgt Ion: 50 Resp: 163668
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.2 43.2

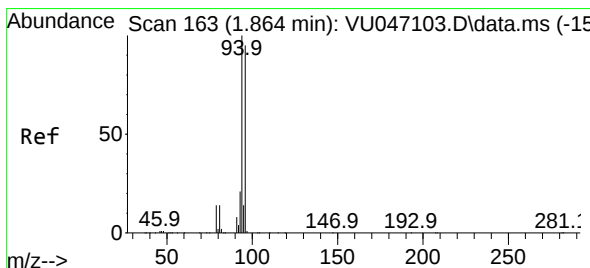
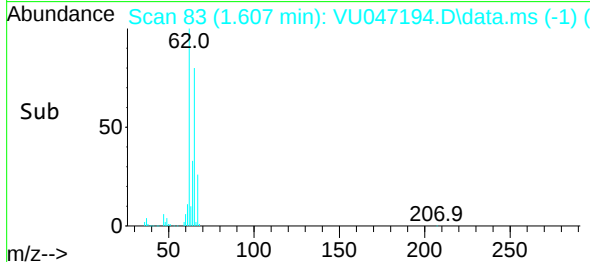
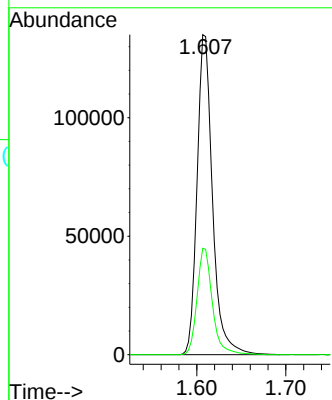
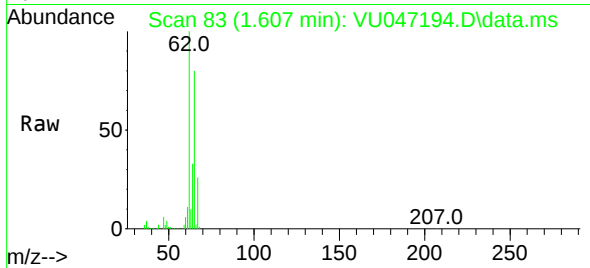




#5
 Vinyl chloride
 Concen: 49.668 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047194.D
 Acq: 17 Feb 2022 09:49

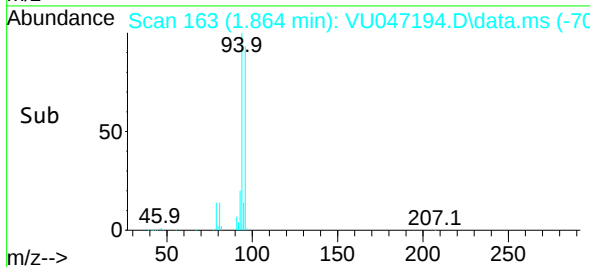
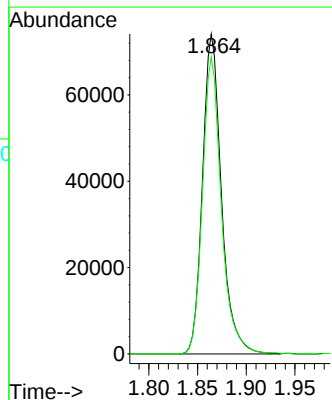
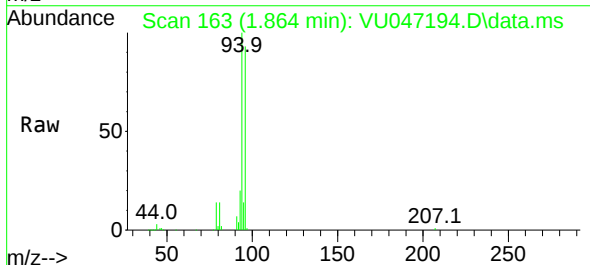
Instrument :
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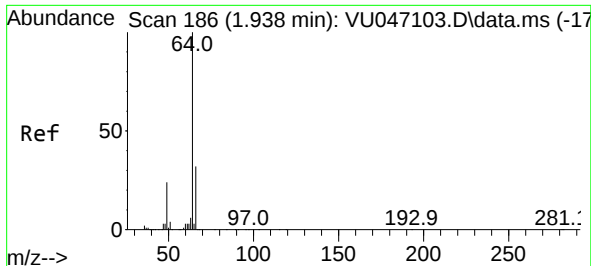
Tgt Ion: 62 Resp: 162982
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9



#6
 Bromomethane
 Concen: 52.406 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047194.D
 Acq: 17 Feb 2022 09:49

Tgt Ion: 94 Resp: 100031
 Ion Ratio Lower Upper
 94 100
 96 92.9 64.4 119.6

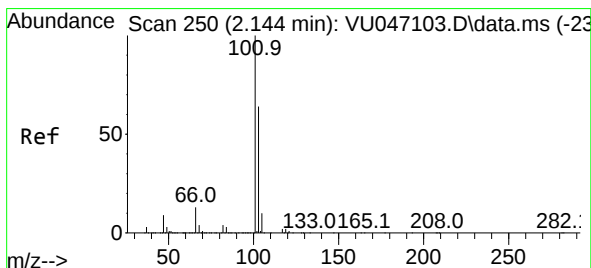
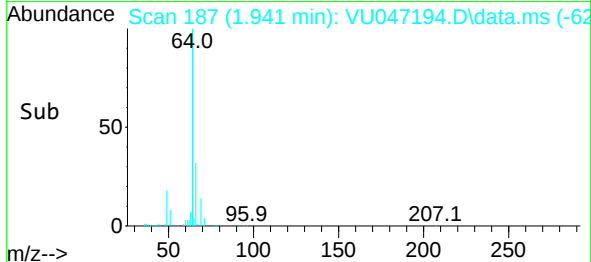
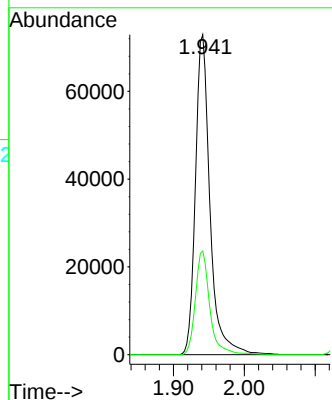
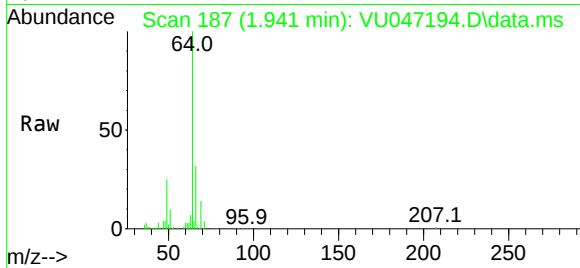




#8
Chloroethane
Concen: 55.005 ug/L
RT: 1.941 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

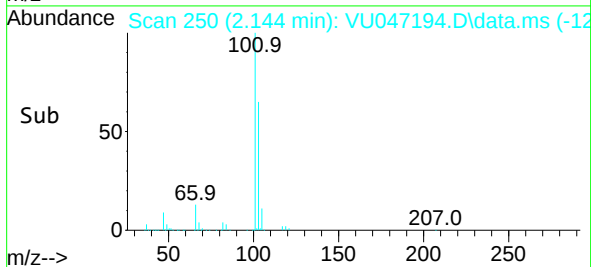
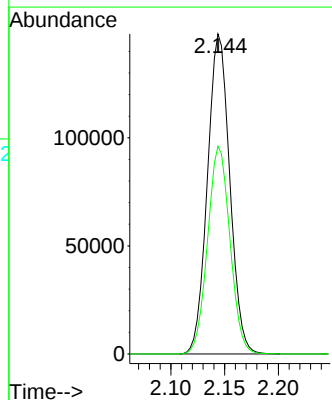
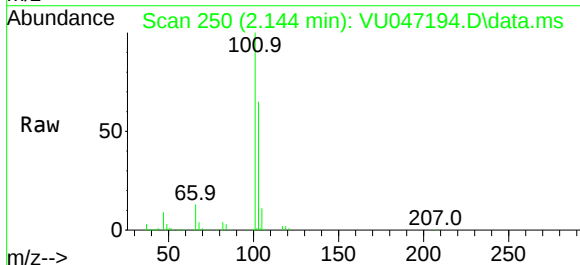
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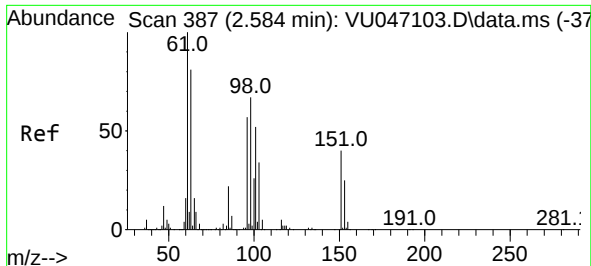
Tgt Ion: 64 Resp: 104056
Ion Ratio Lower Upper
64 100
66 32.4 24.4 45.2



#9
Trichlorofluoromethane
Concen: 56.211 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Tgt Ion: 101 Resp: 213601
Ion Ratio Lower Upper
101 100
103 65.1 52.0 78.0

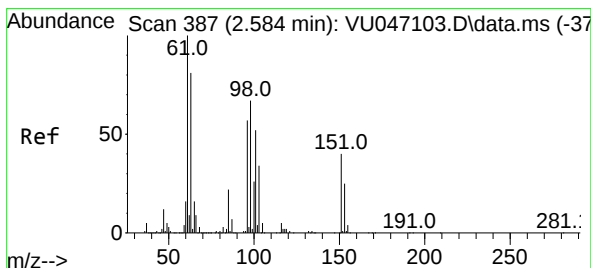
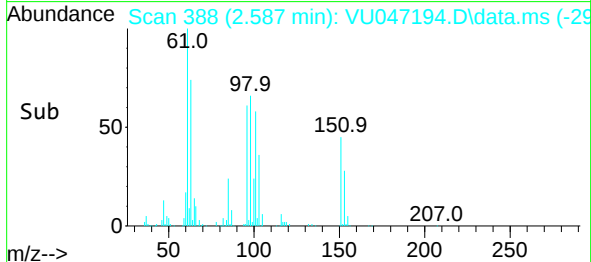
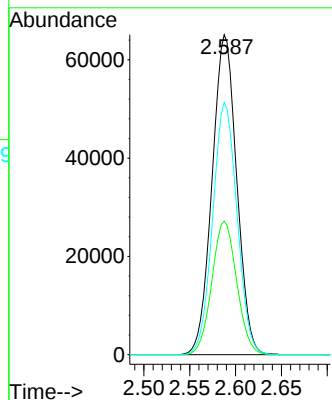
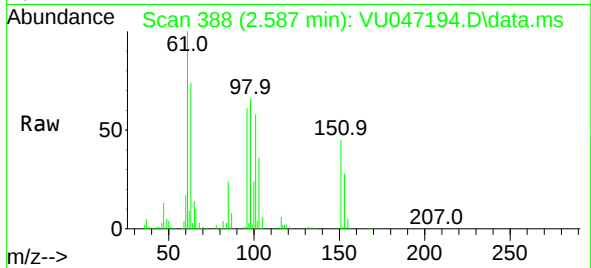




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.967 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

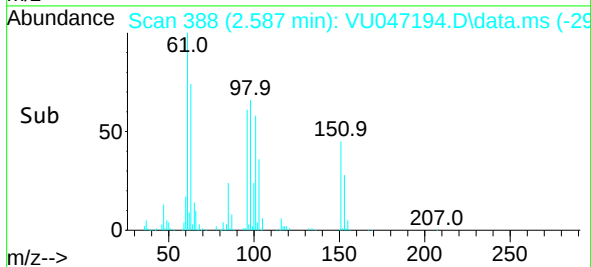
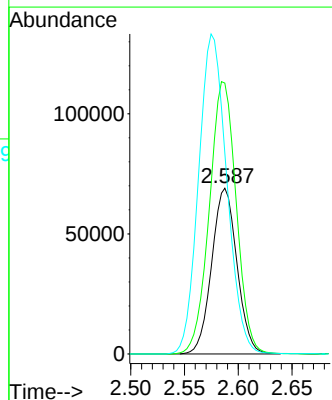
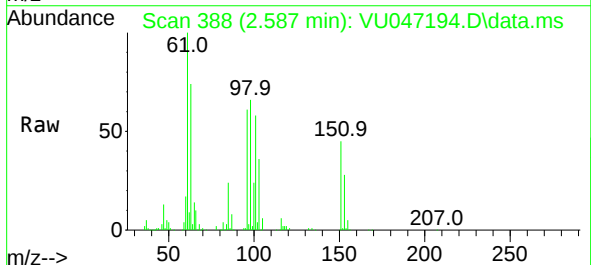
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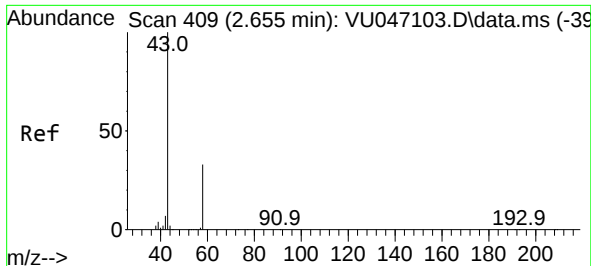
Tgt Ion:101 Resp: 121638
Ion Ratio Lower Upper
101 100
85 42.1 34.9 52.3
151 78.0 58.3 87.5



#12
1,1-Dichloroethene
Concen: 49.133 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Tgt Ion: 96 Resp: 112837
Ion Ratio Lower Upper
96 100
61 163.4 114.9 213.3
63 121.2 86.0 159.8





#13

Acetone

Concen: 102.384 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.007 min

Lab File: VU047194.D

Acq: 17 Feb 2022 09:49

Instrument :

MSVOA_U

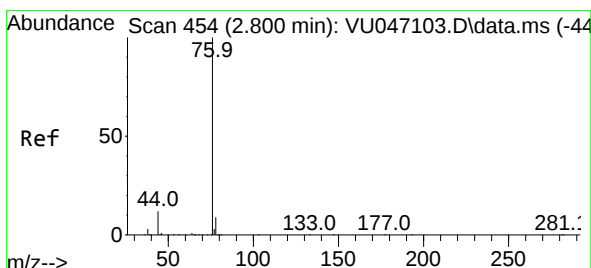
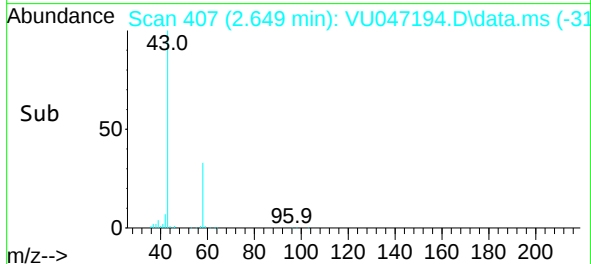
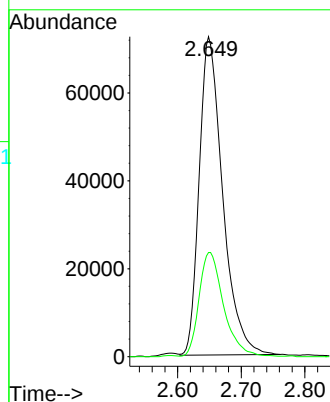
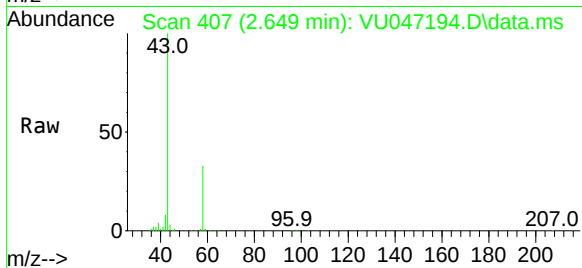
ClientSampleId :

Tgt Ion: 43 Resp: 185530

Ion Ratio Lower Upper

43 100

58 34.3 0.0 71.0



#14

Carbon disulfide

Concen: 46.730 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047194.D

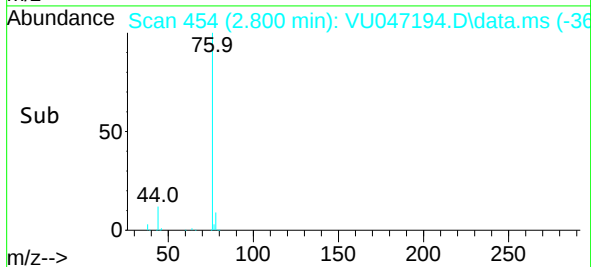
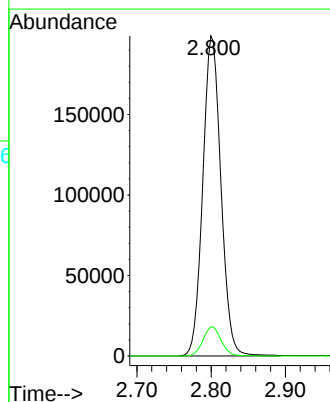
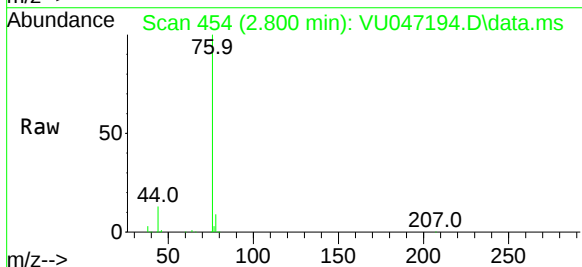
Acq: 17 Feb 2022 09:49

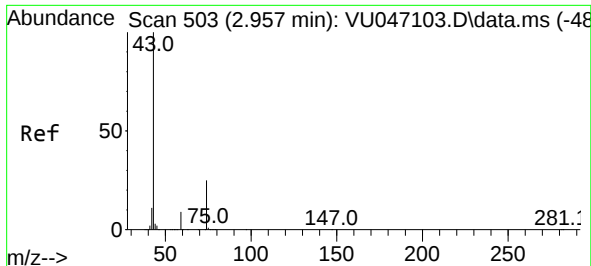
Tgt Ion: 76 Resp: 336819

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

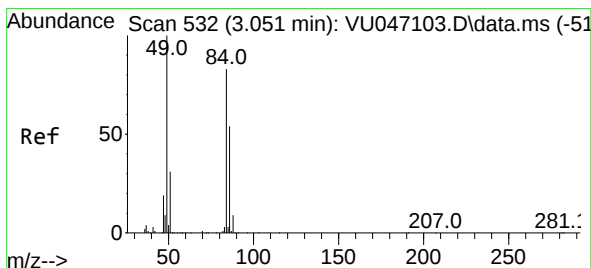
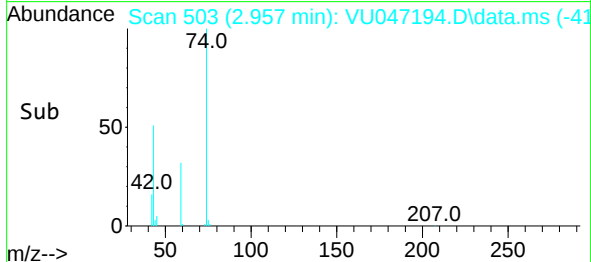
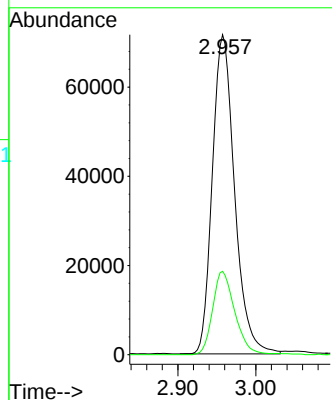
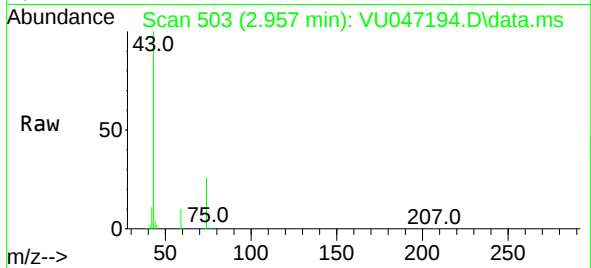




#15
Methyl Acetate
Concen: 46.599 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

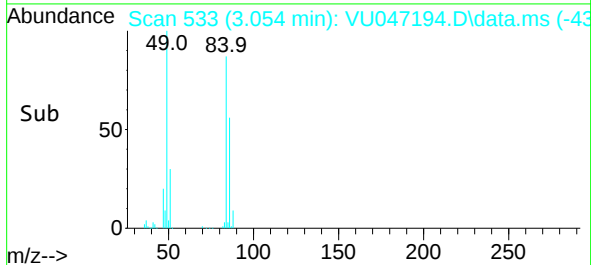
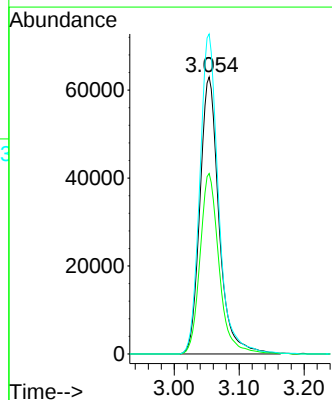
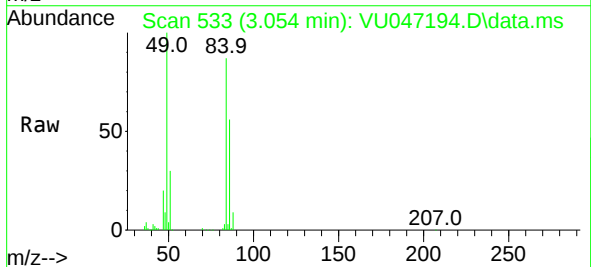
Instrument :
MSVOA_U
ClientSampleId :

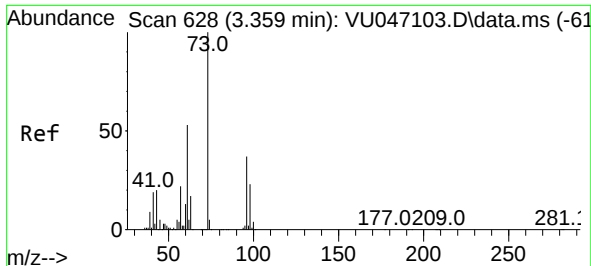
Tgt Ion: 43 Resp: 142100
Ion Ratio Lower Upper
43 100
74 25.9 22.3 33.5



#16
Methylene chloride
Concen: 50.695 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Tgt Ion: 84 Resp: 128831
Ion Ratio Lower Upper
84 100
86 65.1 44.7 82.9
49 115.5 75.9 141.1

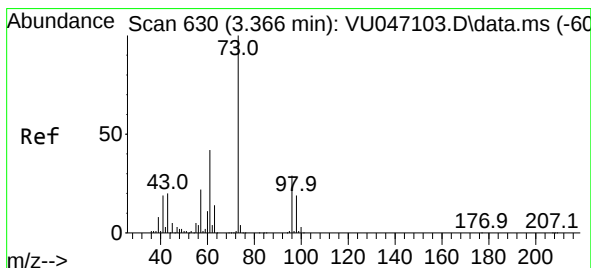
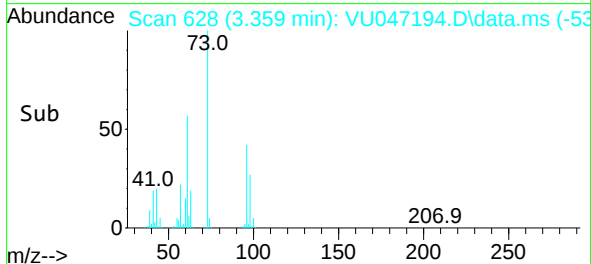
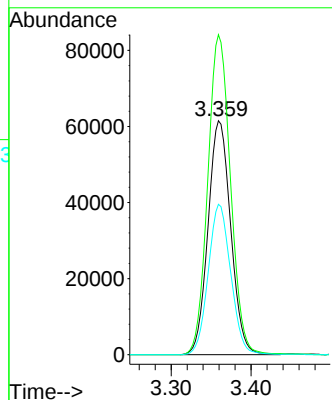
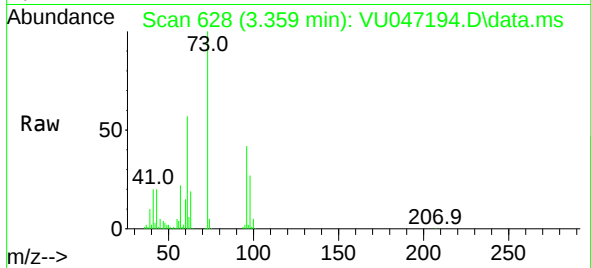




#17
trans-1,2-Dichloroethene
Concen: 50.387 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

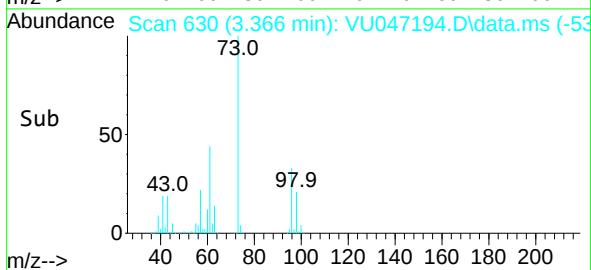
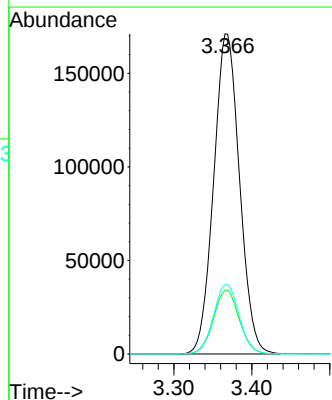
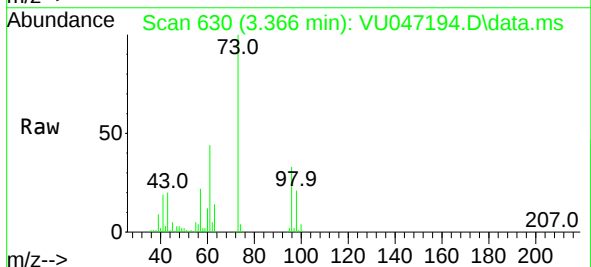
Instrument :
MSVOA_U
ClientSampleId :

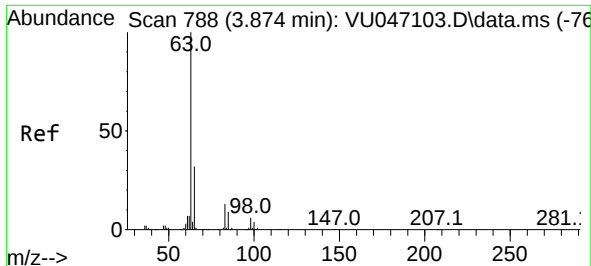
Tgt Ion: 96 Resp: 121574
Ion Ratio Lower Upper
96 100
61 136.8 92.5 171.9
98 64.3 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 48.295 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Tgt Ion: 73 Resp: 394061
Ion Ratio Lower Upper
73 100
43 19.7 14.1 21.1
57 21.6 16.4 24.6

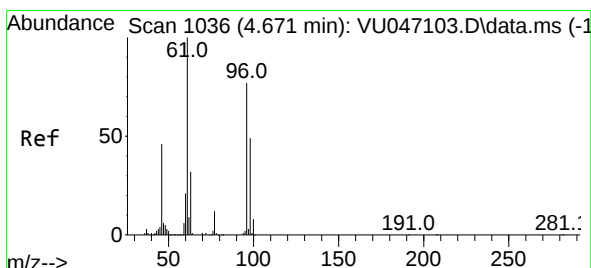
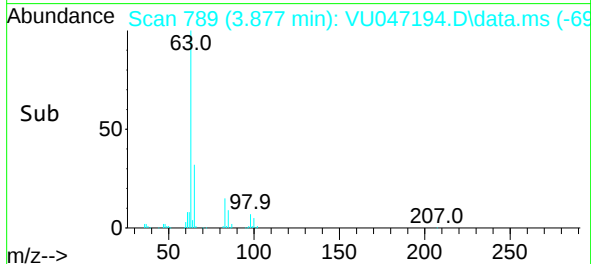
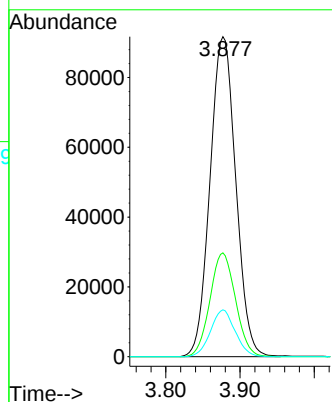
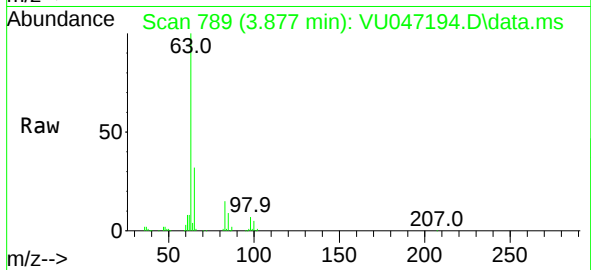




#19
1,1-Dichloroethane
Concen: 48.794 ug/L
RT: 3.877 min Scan# 788
Delta R.T. 0.003 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

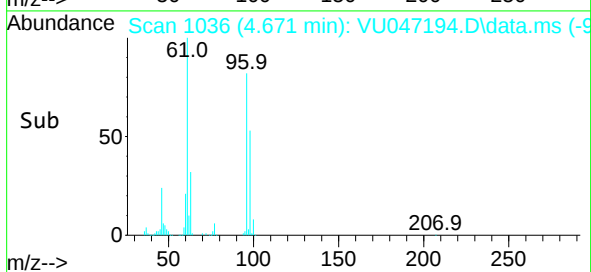
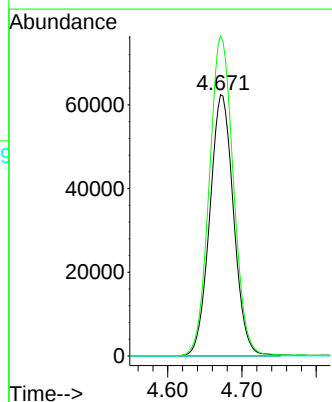
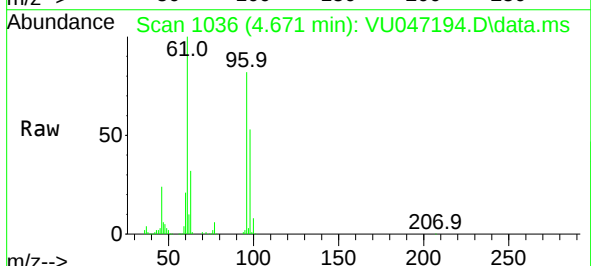
Instrument :
MSVOA_U
ClientSampleId :

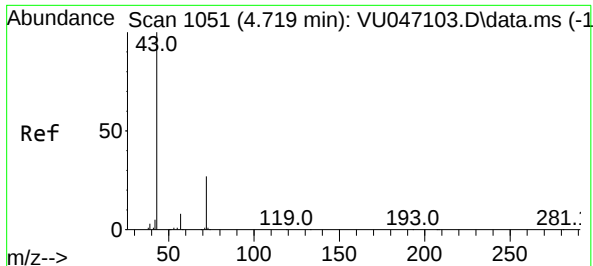
Tgt Ion: 63 Resp: 221106
Ion Ratio Lower Upper
63 100
65 32.5 22.8 42.4
83 14.6 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 52.163 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Tgt Ion: 96 Resp: 139214
Ion Ratio Lower Upper
96 100
61 122.5 86.0 159.6
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 99.972 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.007 min

Lab File: VU047194.D

Acq: 17 Feb 2022 09:49

Instrument :

MSVOA_U

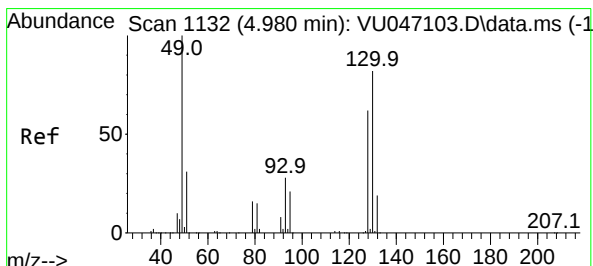
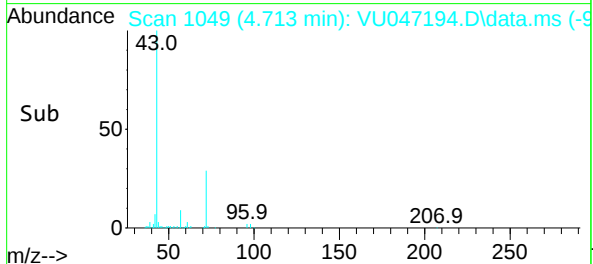
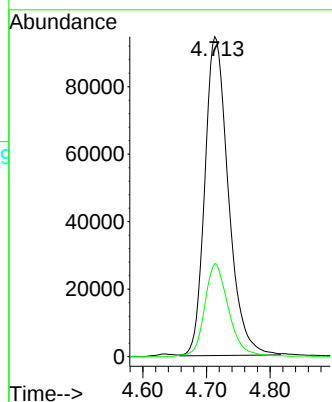
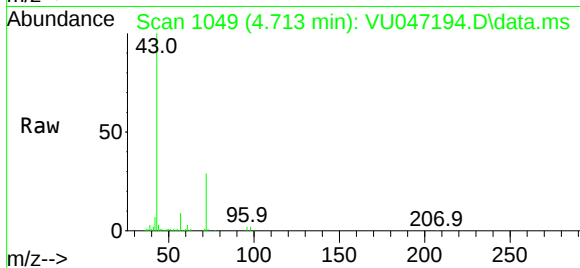
ClientSampleId :

Tgt Ion: 43 Resp: 243070

Ion Ratio Lower Upper

43 100

72 29.9 15.6 46.8



#23

Bromochloromethane

Concen: 51.272 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU047194.D

Acq: 17 Feb 2022 09:49

Tgt Ion: 128 Resp: 72568

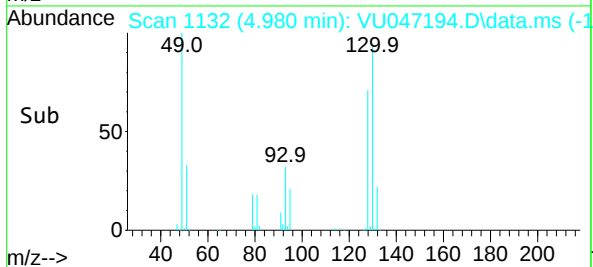
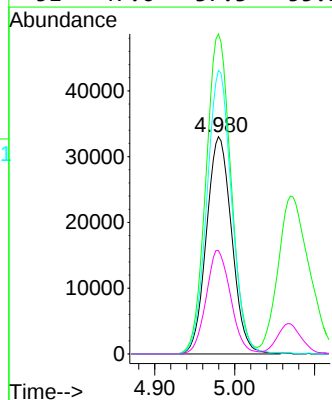
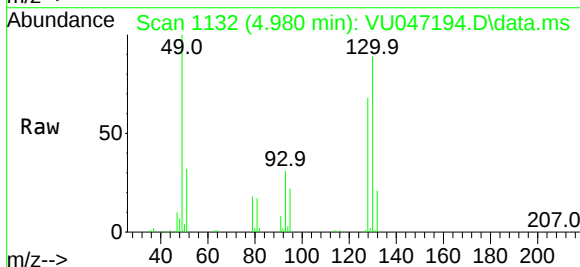
Ion Ratio Lower Upper

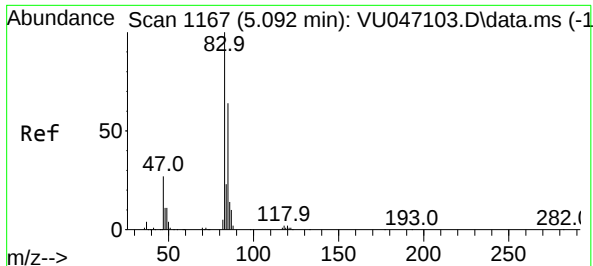
128 100

49 147.3 105.4 195.8

130 130.6 88.7 164.7

51 47.6 37.3 55.9





#25

Chloroform

Concen: 52.366 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047194.D

Acq: 17 Feb 2022 09:49

Instrument :

MSVOA_U

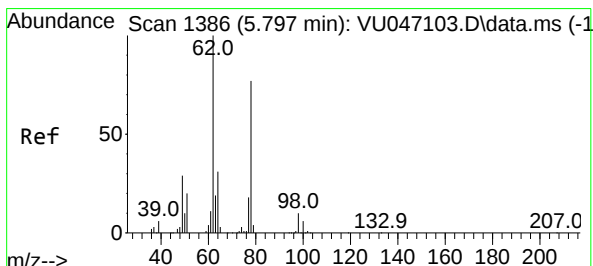
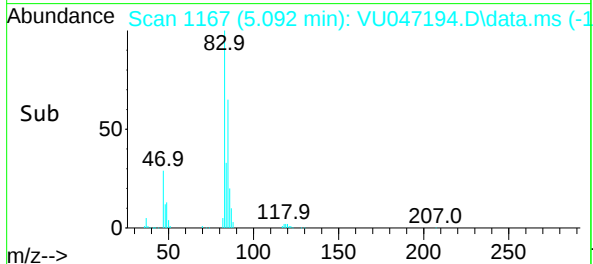
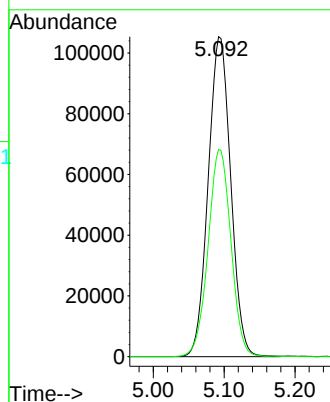
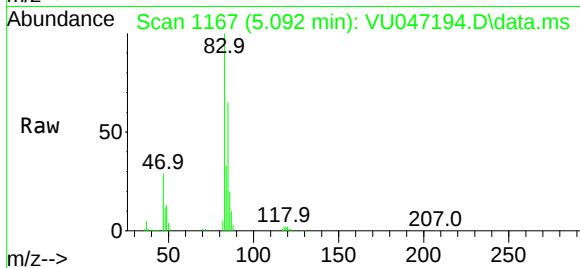
ClientSampleId :

Tgt Ion: 83 Resp: 232441

Ion Ratio Lower Upper

83 100

85 64.7 45.7 84.9



#27

1,2-Dichloroethane

Concen: 51.628 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047194.D

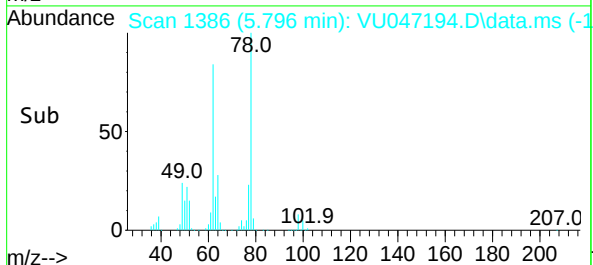
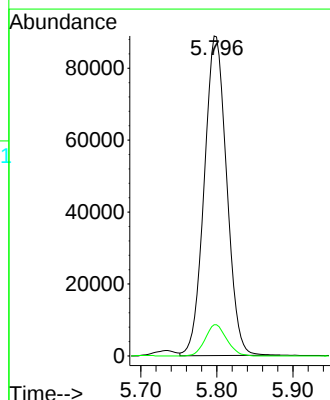
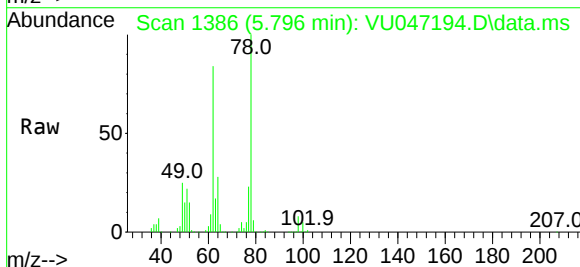
Acq: 17 Feb 2022 09:49

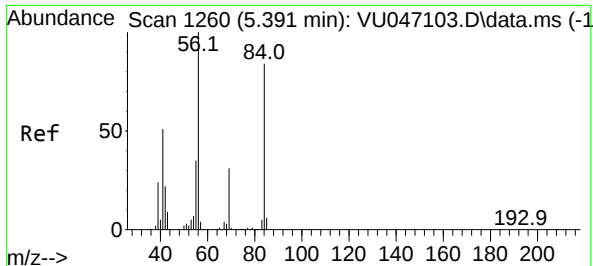
Tgt Ion: 62 Resp: 182090

Ion Ratio Lower Upper

62 100

98 9.8 7.7 11.5





#29

Cyclohexane

Concen: 44.860 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. 0.003 min

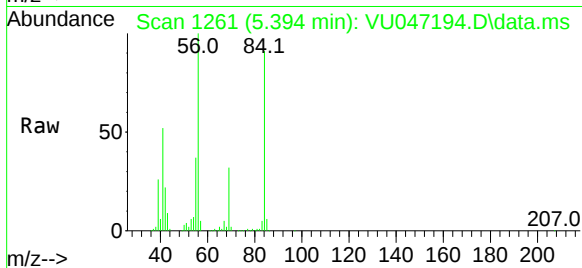
Lab File: VU047194.D

Acq: 17 Feb 2022 09:49

Instrument :

MSVOA_U

ClientSampleId :



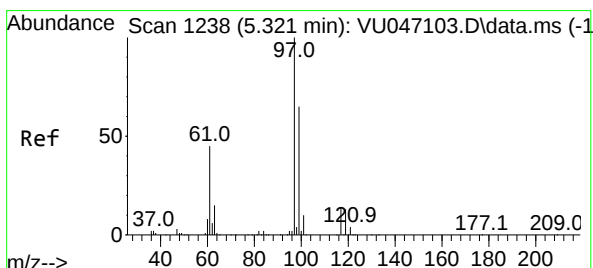
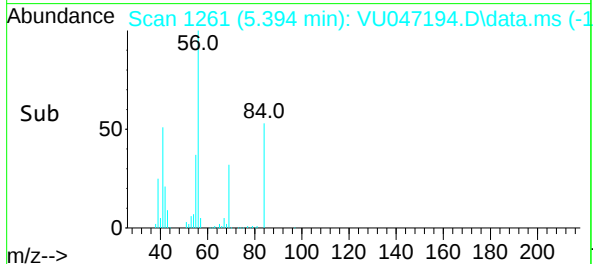
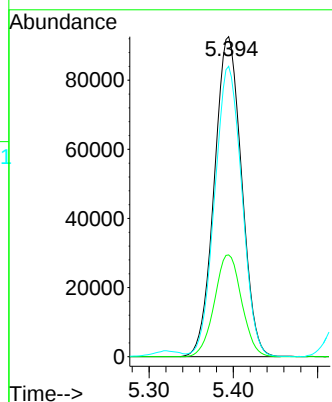
Tgt Ion: 56 Resp: 208158

Ion Ratio Lower Upper

56 100

69 31.6 25.8 38.6

84 90.4 74.2 111.2



#30

1,1,1-Trichloroethane

Concen: 47.480 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047194.D

Acq: 17 Feb 2022 09:49

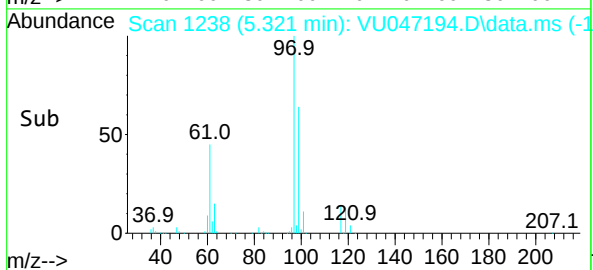
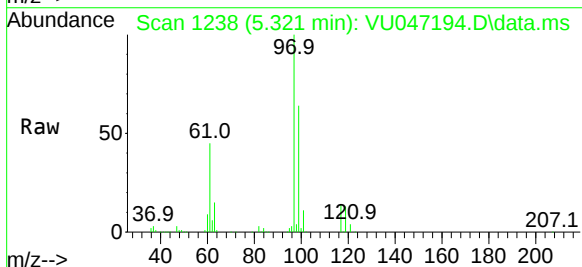
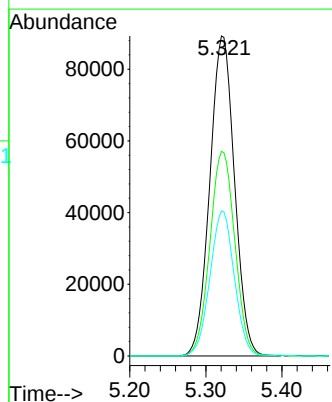
Tgt Ion: 97 Resp: 201351

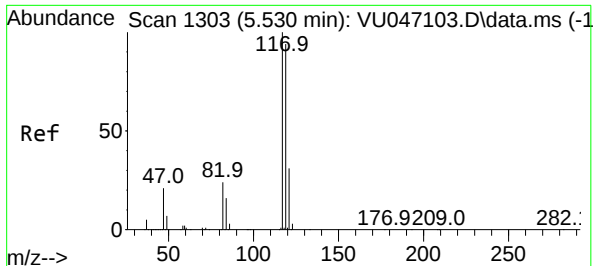
Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

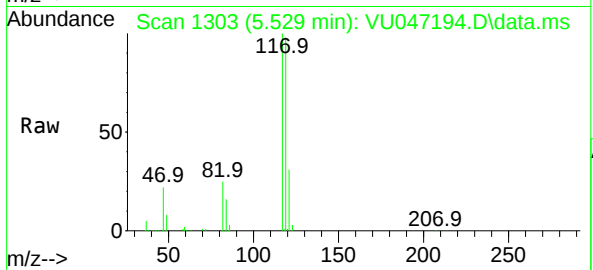
61 44.6 34.1 51.1



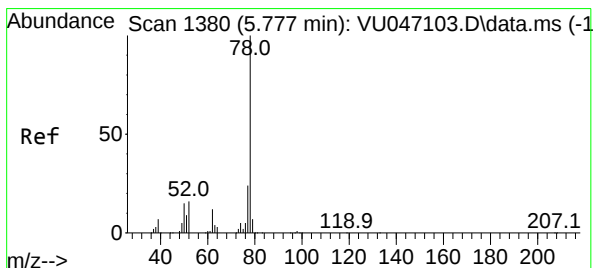
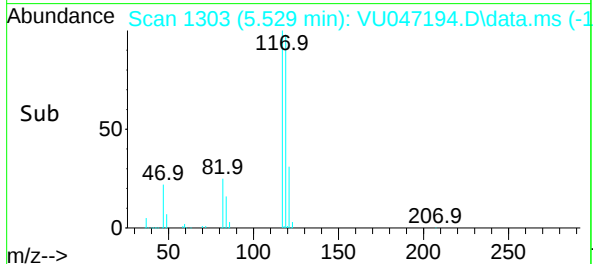
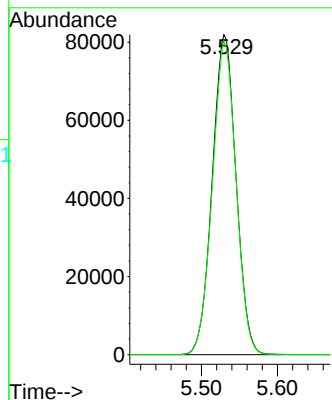


#31
Carbon tetrachloride
Concen: 48.328 ug/L
RT: 5.529 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Instrument :
MSVOA_U
ClientSampleId :

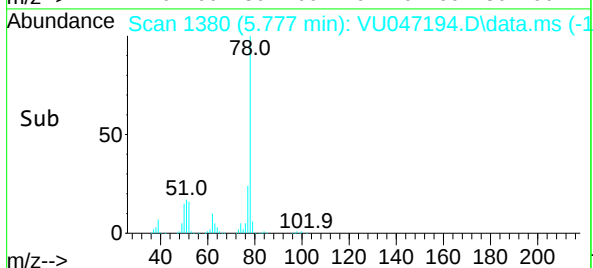
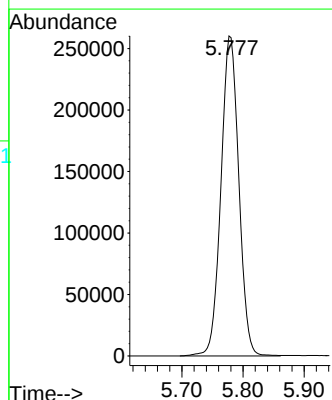
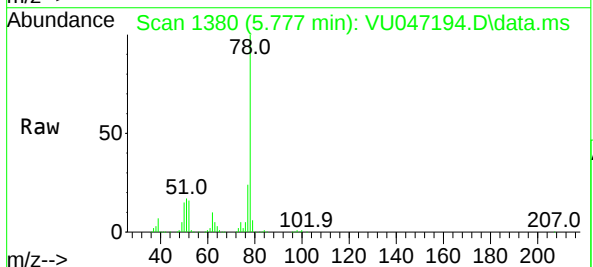


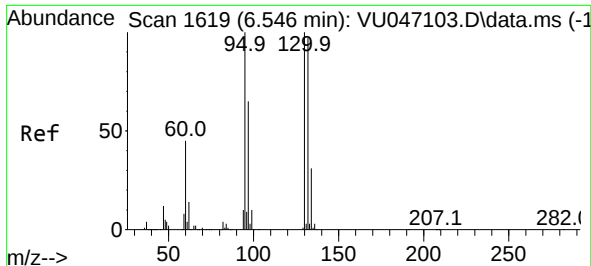
Tgt Ion:117 Resp: 177693
Ion Ratio Lower Upper
117 100
119 97.3 77.5 116.3



#33
Benzene
Concen: 47.749 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

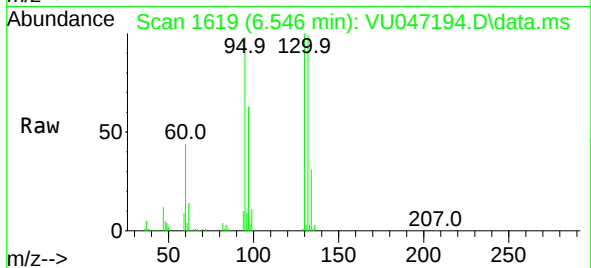
Tgt Ion: 78 Resp: 527280



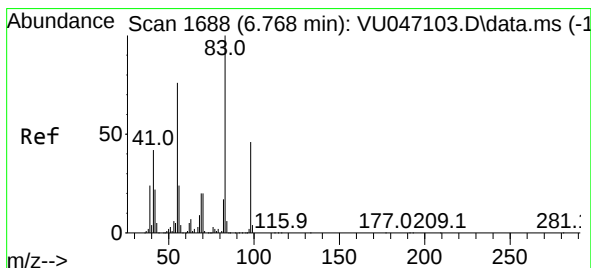
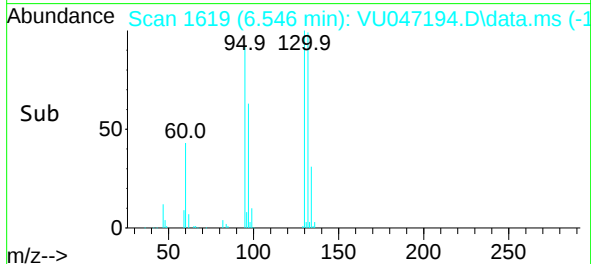
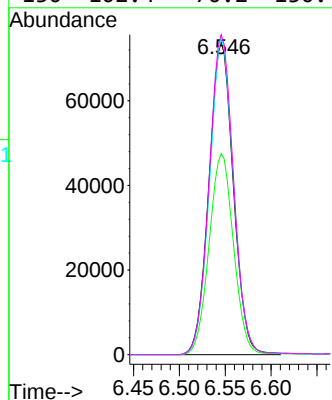


#34
Trichloroethene
Concen: 47.478 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Instrument :
MSVOA_U
ClientSampleId :

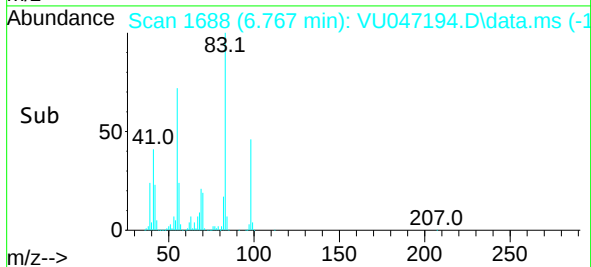
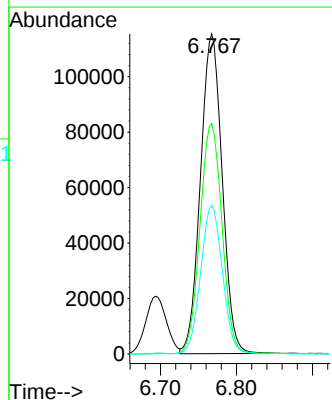
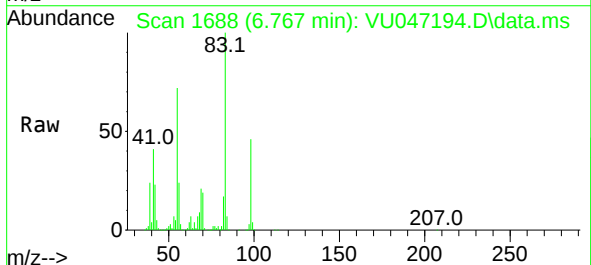


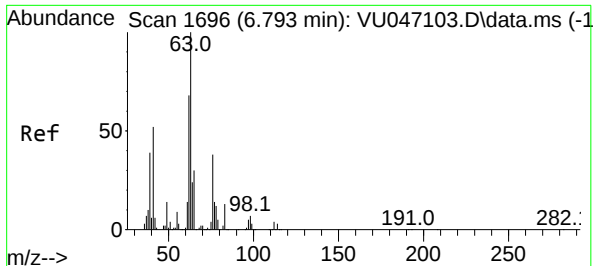
Tgt Ion: 95 Resp: 136188
Ion Ratio Lower Upper
95 100
97 64.4 45.1 83.7
132 101.5 66.7 123.9
130 102.4 70.2 130.4



#35
Methylcyclohexane
Concen: 47.530 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Tgt Ion: 83 Resp: 228762
Ion Ratio Lower Upper
83 100
55 72.8 56.6 85.0
98 46.5 38.4 57.6

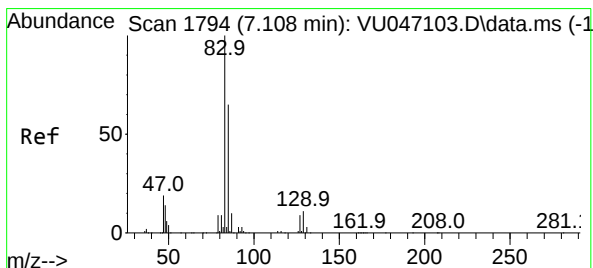
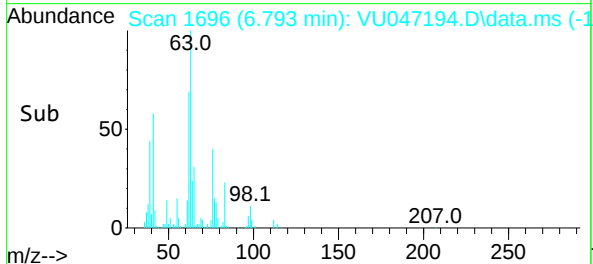
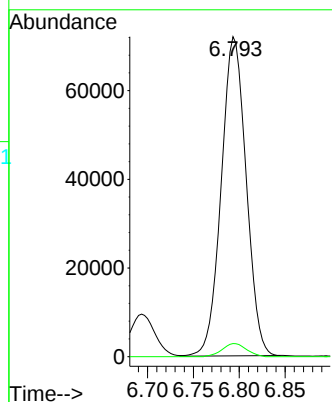
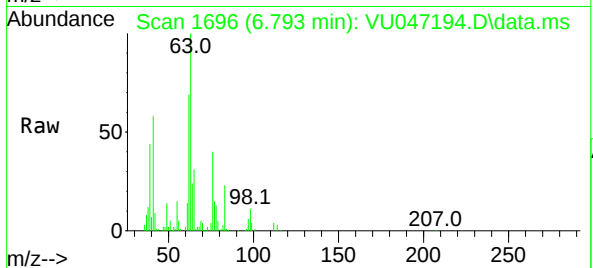




#37
1,2-Dichloropropane
Concen: 45.961 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

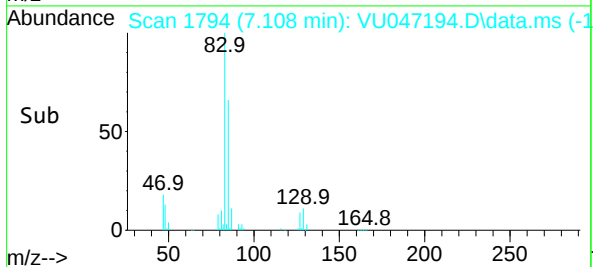
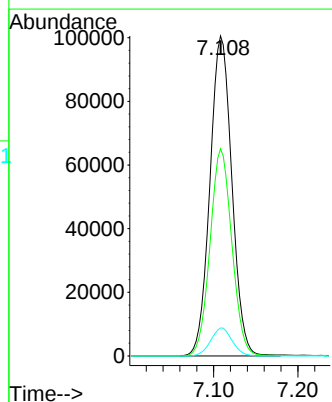
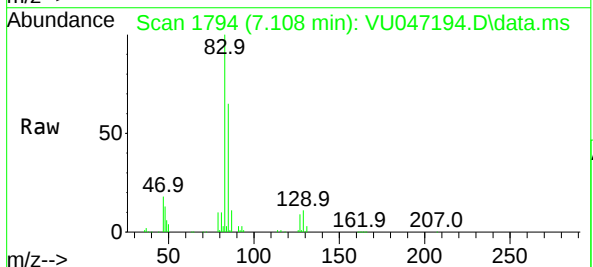
Instrument :
MSVOA_U
ClientSampleId :

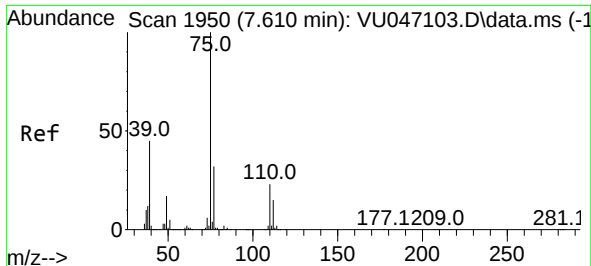
Tgt Ion: 63 Resp: 135951
Ion Ratio Lower Upper
63 100
112 4.0 3.7 5.5



#38
Bromodichloromethane
Concen: 48.178 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Tgt Ion: 83 Resp: 181635
Ion Ratio Lower Upper
83 100
85 64.7 45.0 83.6
127 8.7 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 45.325 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047194.D

Acq: 17 Feb 2022 09:49

Instrument :

MSVOA_U

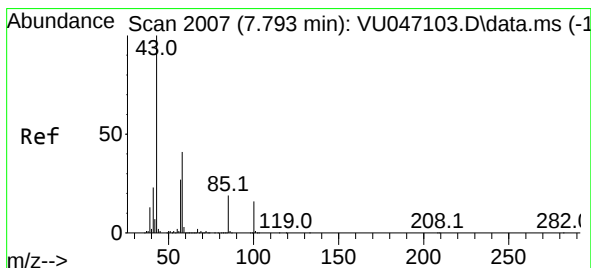
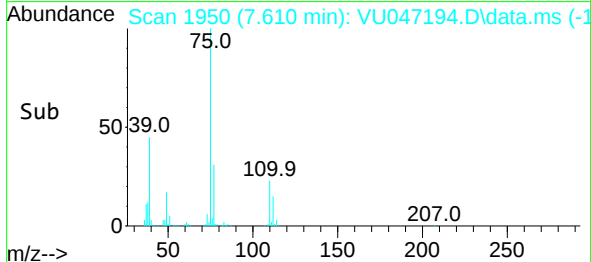
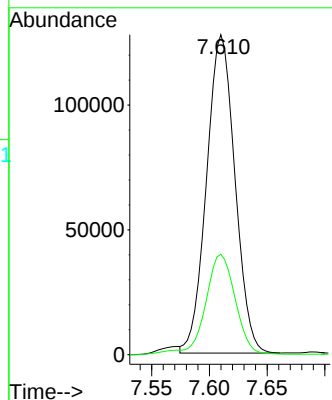
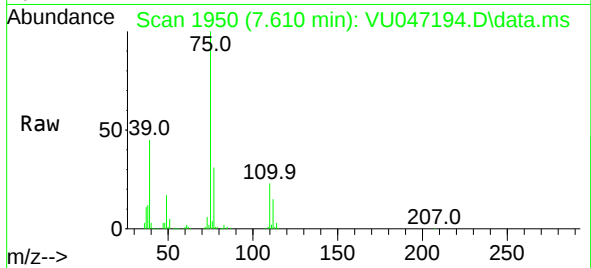
ClientSampleId :

Tgt Ion: 75 Resp: 217895

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 88.672 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU047194.D

Acq: 17 Feb 2022 09:49

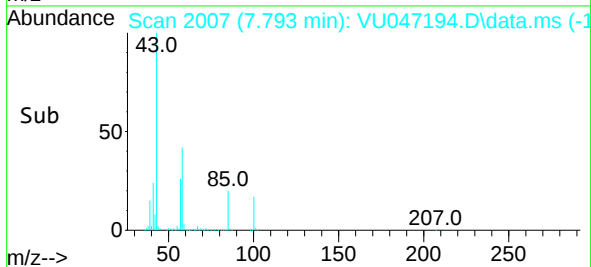
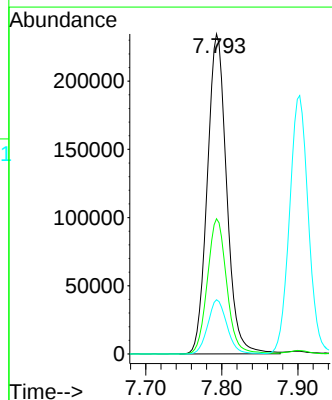
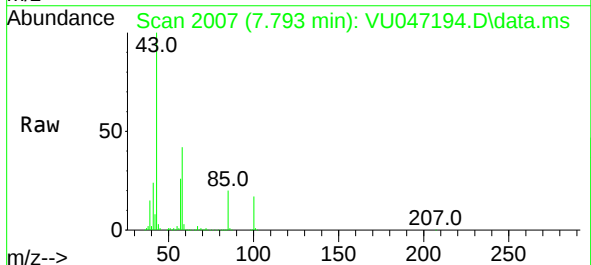
Tgt Ion: 43 Resp: 415349

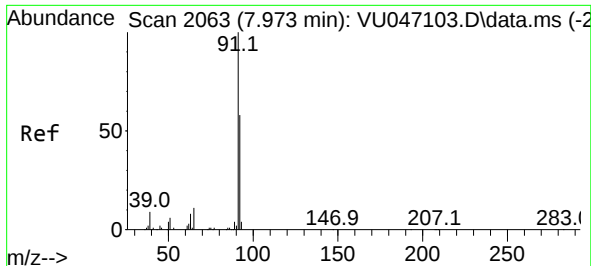
Ion Ratio Lower Upper

43 100

58 42.3 35.8 53.8

100 16.7 15.7 23.5





#42

Toluene

Concen: 48.403 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU047194.D

Acq: 17 Feb 2022 09:49

Instrument :

MSVOA_U

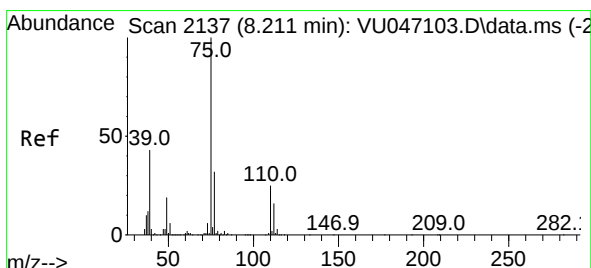
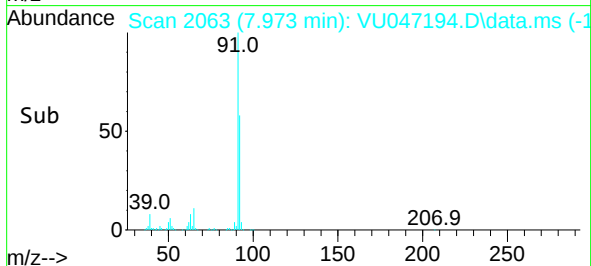
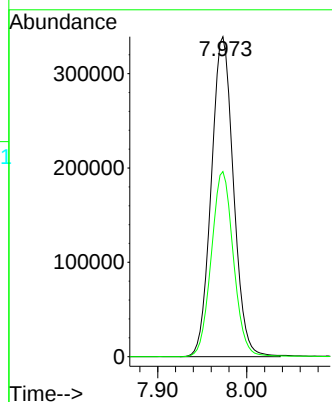
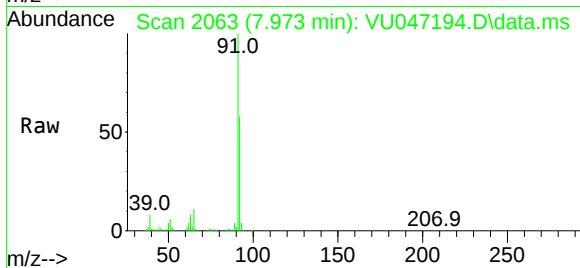
ClientSampleId :

Tgt Ion: 91 Resp: 587086

Ion Ratio Lower Upper

91 100

92 57.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 47.154 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047194.D

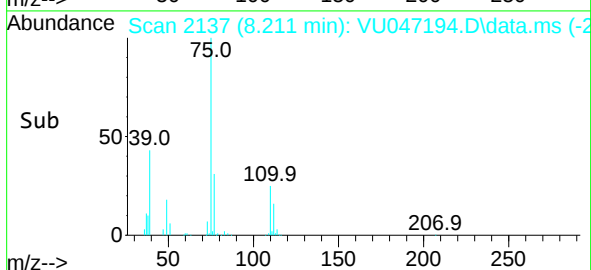
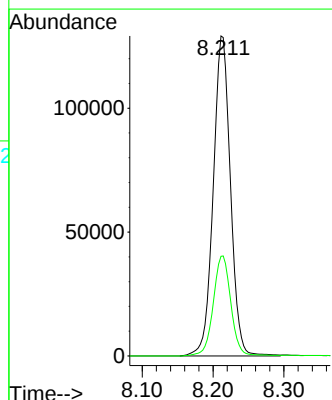
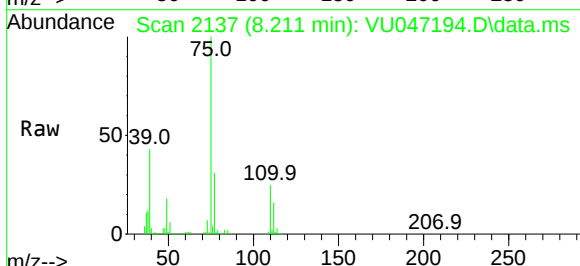
Acq: 17 Feb 2022 09:49

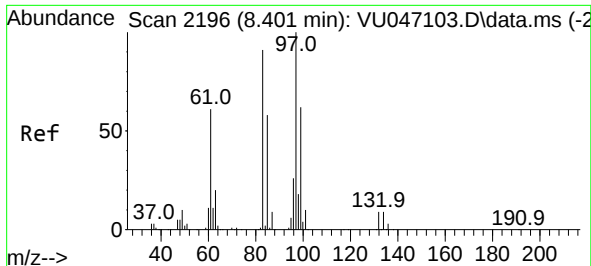
Tgt Ion: 75 Resp: 217808

Ion Ratio Lower Upper

75 100

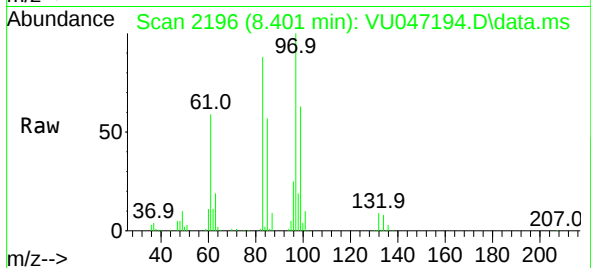
77 31.1 23.0 42.8



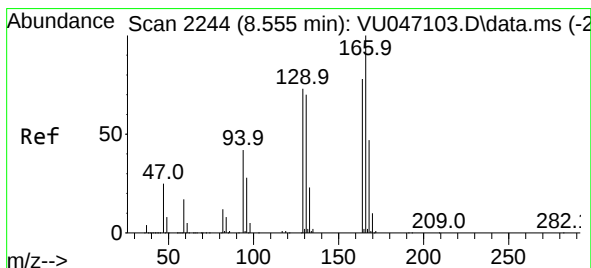
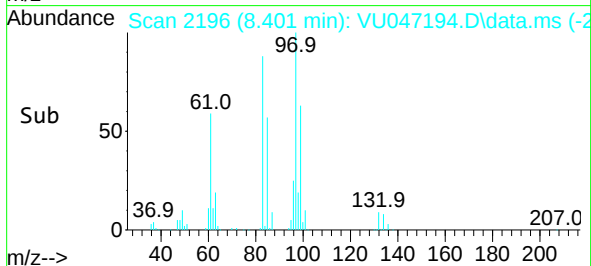
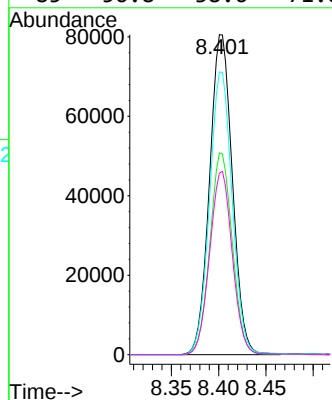


#45
1,1,2-Trichloroethane
Concen: 48.626 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Instrument :
MSVOA_U
ClientSampleId :

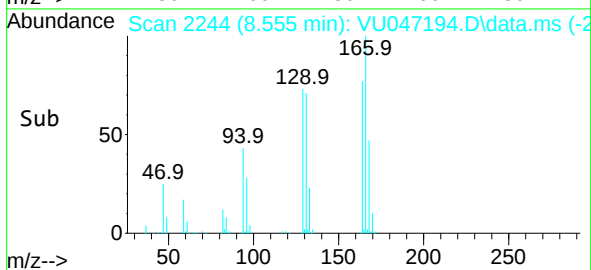
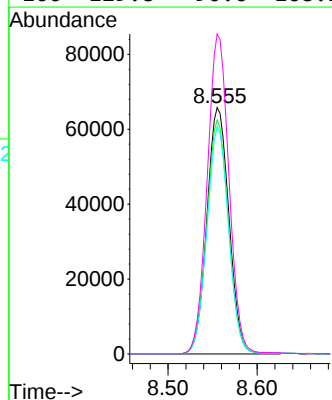
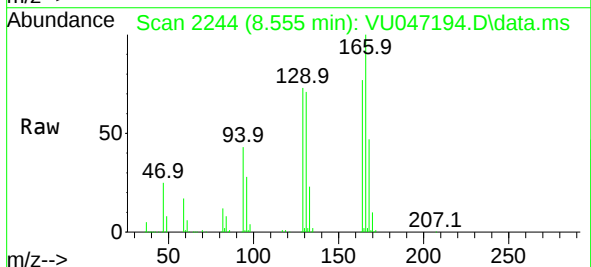


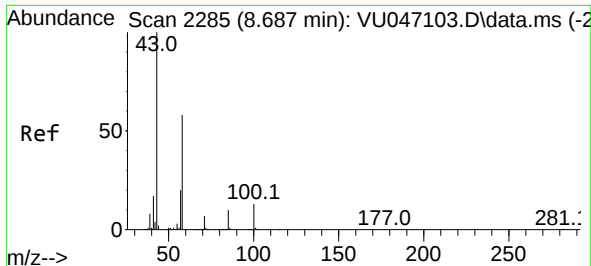
Tgt Ion: 97	Resp: 135469
Ion Ratio	Lower Upper
97 100	
99 63.0	42.4 78.8
83 88.3	59.4 110.4
85 56.8	38.6 71.8



#46
Tetrachloroethene
Concen: 49.122 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

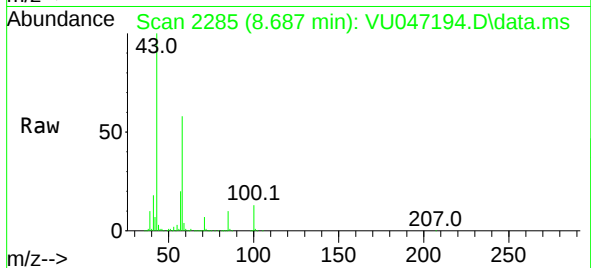
Tgt	Ion:164	Resp:	113348
Ion	Ratio	Lower	Upper
164	100		
129	95.0	69.5	129.1
131	92.2	67.0	124.4
166	129.8	90.6	168.2



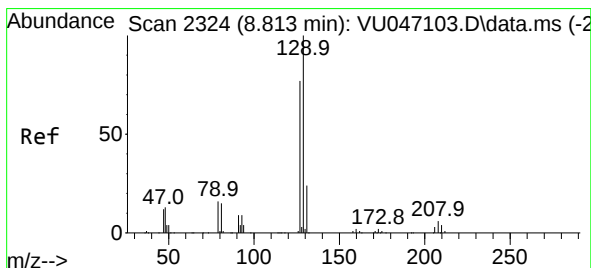
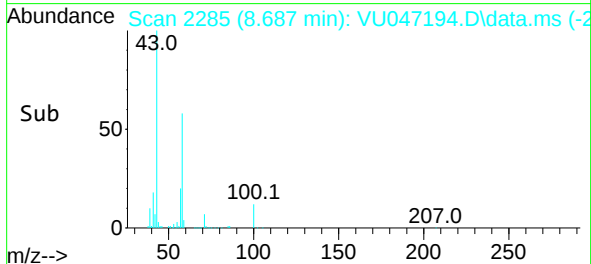
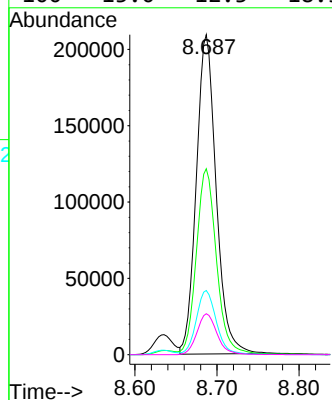


#48
2-Hexanone
Concen: 90.889 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Instrument :
MSVOA_U
ClientSampleId :

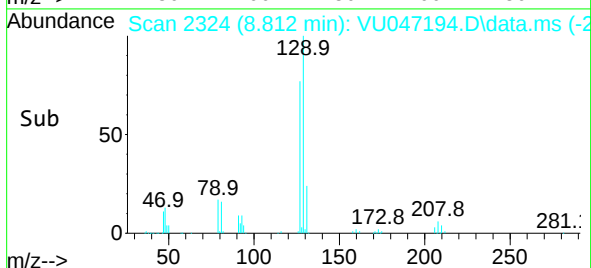
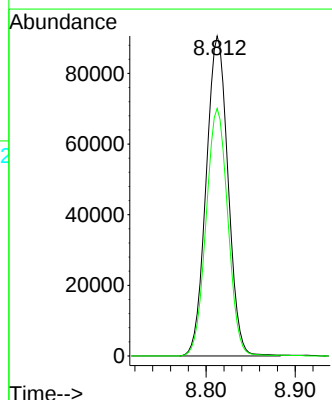
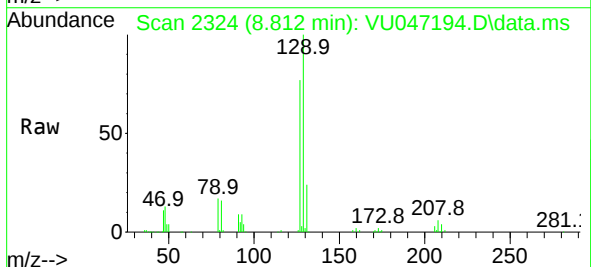


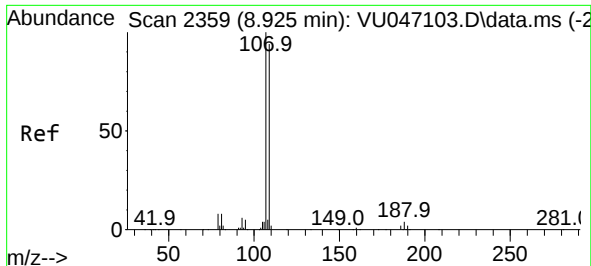
Tgt Ion: 43	Resp: 352077
Ion Ratio	Lower Upper
43 100	
58 58.7	49.4 74.2
57 20.2	17.5 26.3
100 13.0	12.3 18.5



#49
Dibromochloromethane
Concen: 47.838 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Tgt Ion:129	Resp: 154194
Ion Ratio	Lower Upper
129 100	
127 77.4	54.5 101.3

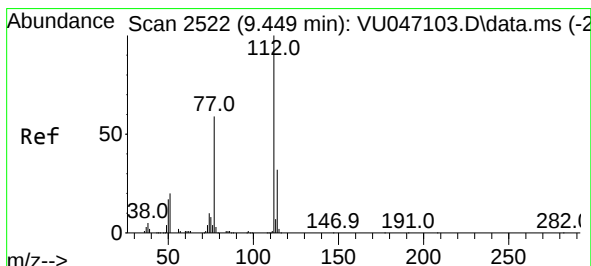
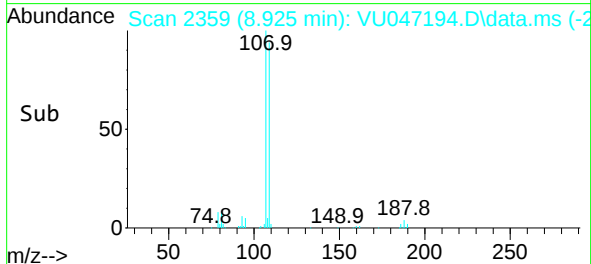
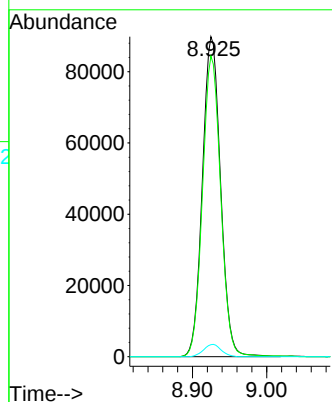
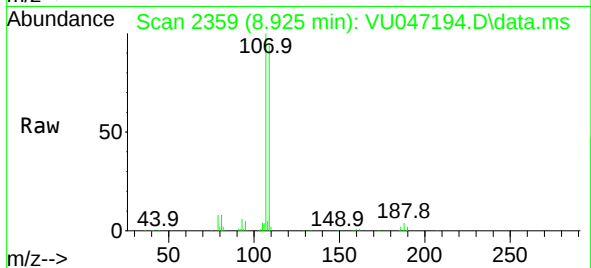




#50
1,2-Dibromoethane
Concen: 49.263 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

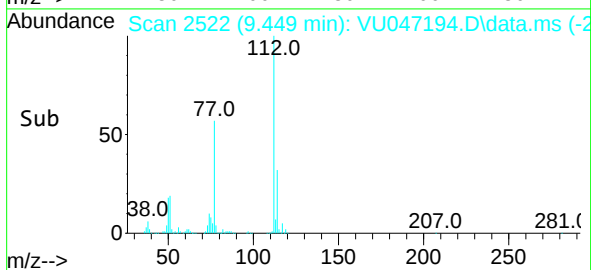
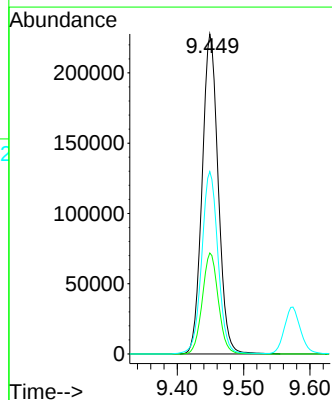
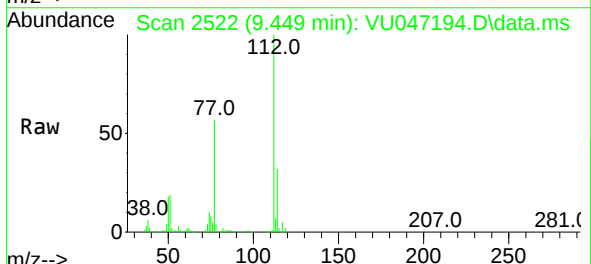
Instrument :
MSVOA_U
ClientSampleId :

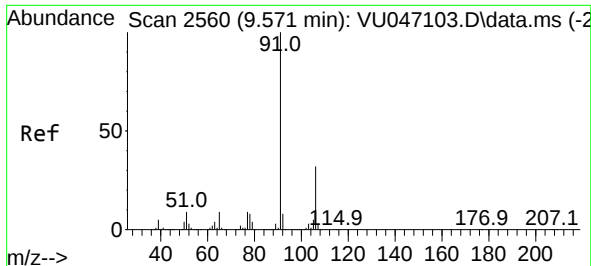
Tgt Ion:107 Resp: 152452
Ion Ratio Lower Upper
107 100
109 93.9 65.6 121.8
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 49.220 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Tgt Ion:112 Resp: 382786
Ion Ratio Lower Upper
112 100
114 31.6 22.1 41.1
77 57.0 46.5 69.7

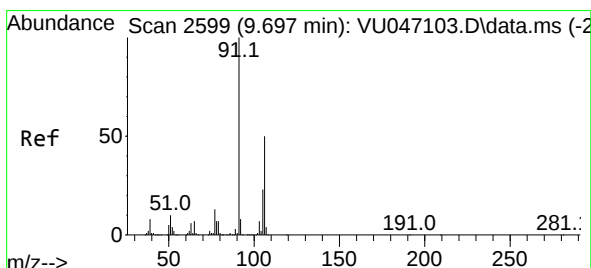
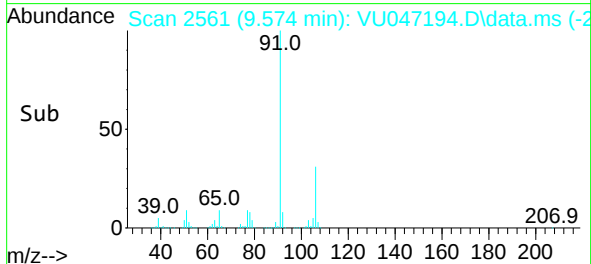
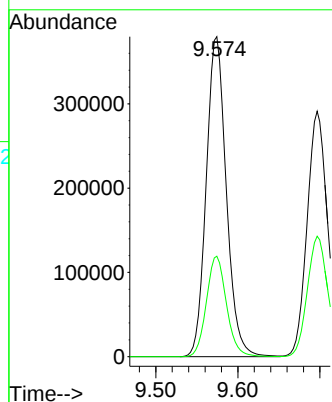
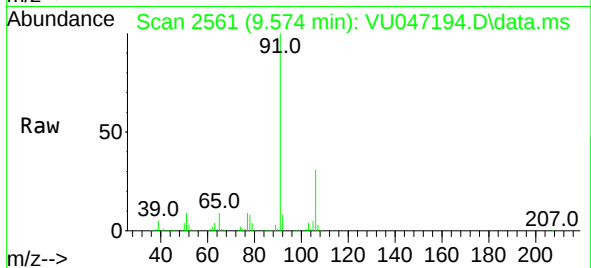




#52
Ethylbenzene
Concen: 48.724 ug/L
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

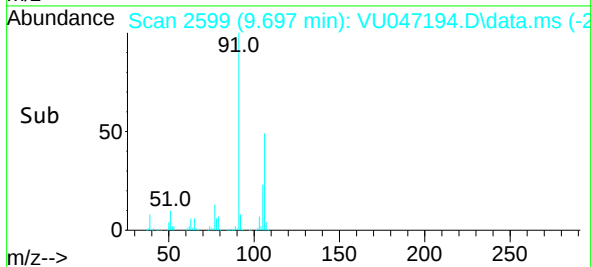
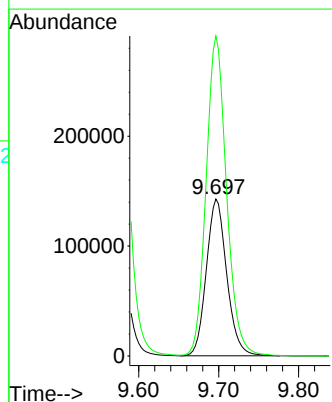
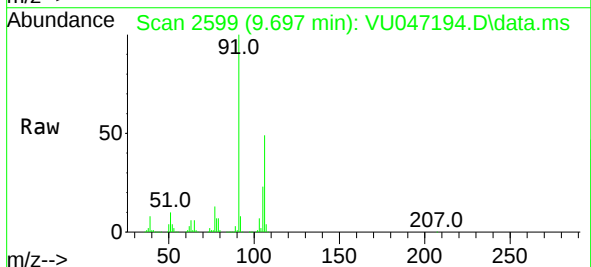
Instrument :
MSVOA_U
ClientSampleId :

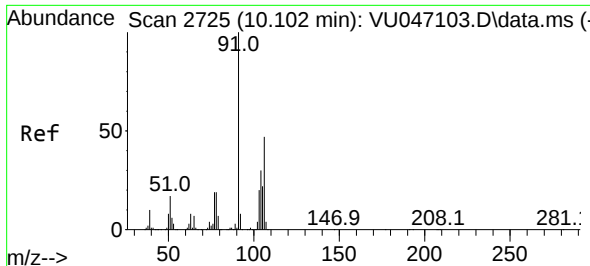
Tgt Ion: 91 Resp: 646776
Ion Ratio Lower Upper
91 100
106 31.4 21.8 40.4



#53
m,p-Xylene
Concen: 48.092 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Tgt Ion: 106 Resp: 253285
Ion Ratio Lower Upper
106 100
91 203.8 145.5 270.1

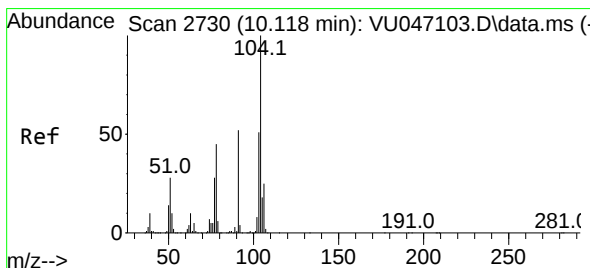
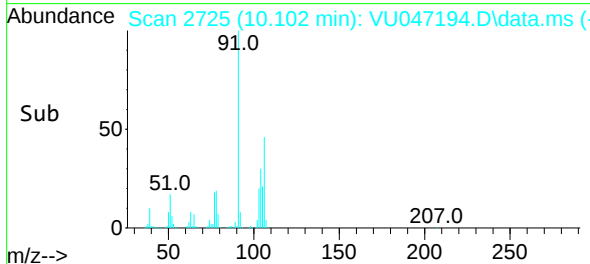
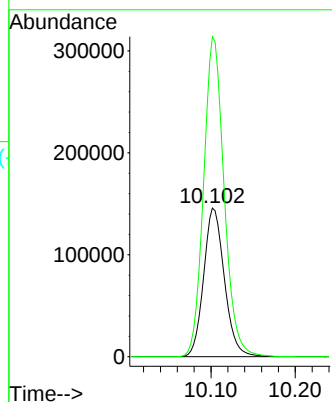
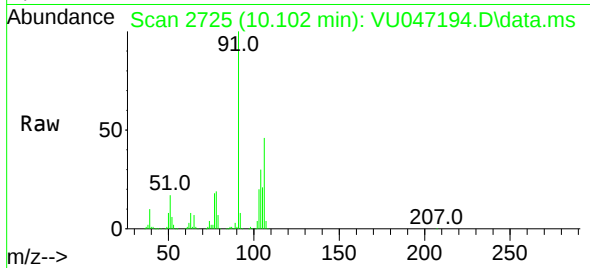




#54
o-xylene
Concen: 48.151 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

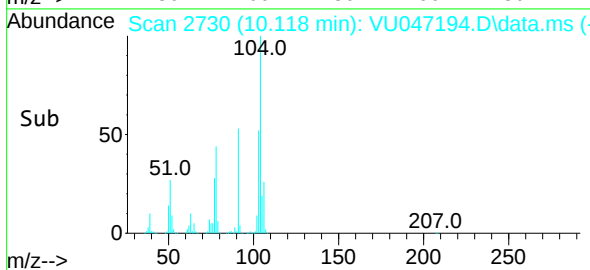
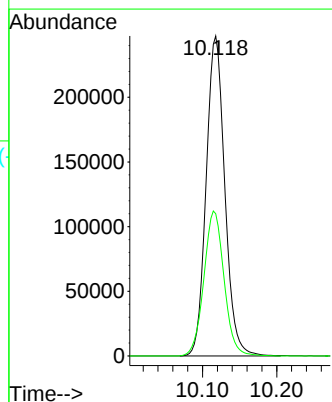
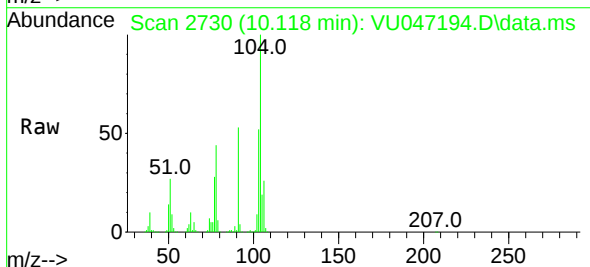
Instrument :
MSVOA_U
ClientSampleId :

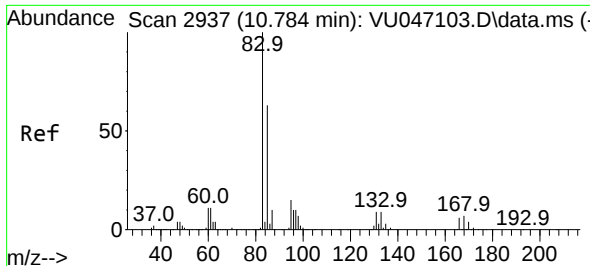
Tgt Ion:106 Resp: 249691
Ion Ratio Lower Upper
106 100
91 215.4 152.0 282.2



#55
Styrene
Concen: 48.312 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Tgt Ion:104 Resp: 431076
Ion Ratio Lower Upper
104 100
78 44.4 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 49.032 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047194.D

Acq: 17 Feb 2022 09:49

Instrument :

MSVOA_U

ClientSampleId :

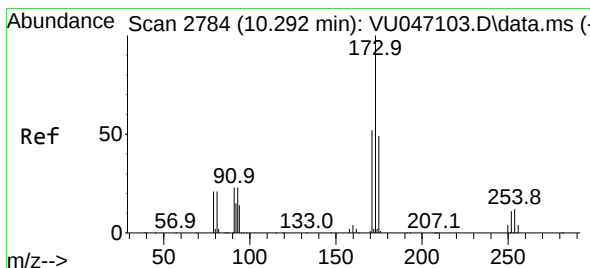
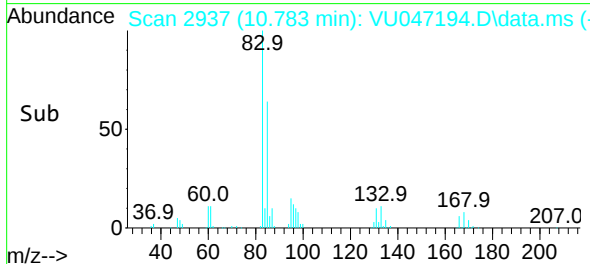
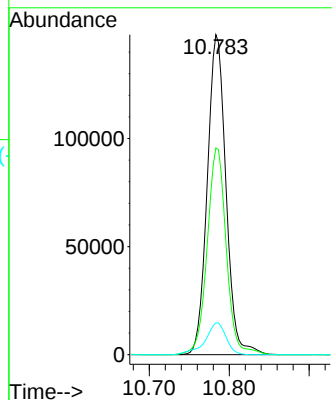
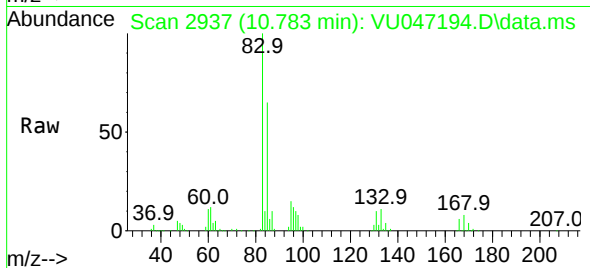
Tgt Ion: 83 Resp: 240815

Ion Ratio Lower Upper

83 100

85 64.6 44.7 83.1

131 9.9 7.8 11.6



#59

Bromoform

Concen: 44.478 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU047194.D

Acq: 17 Feb 2022 09:49

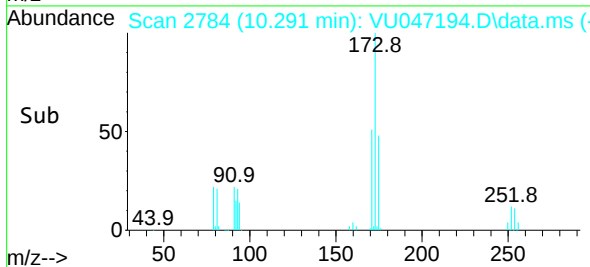
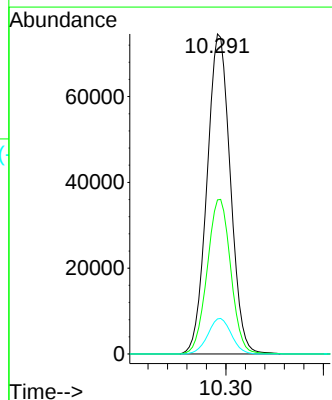
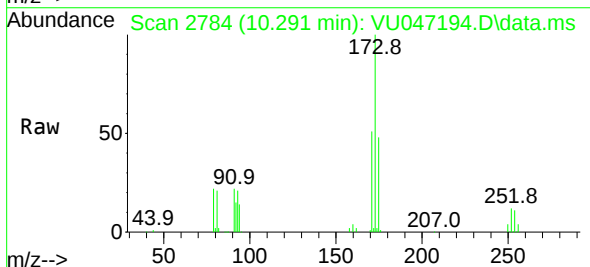
Tgt Ion: 173 Resp: 123969

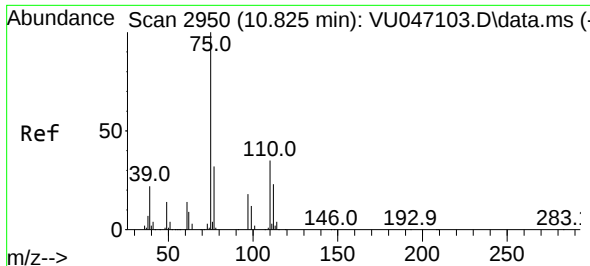
Ion Ratio Lower Upper

173 100

175 48.9 37.6 56.4

254 11.2 8.1 12.1

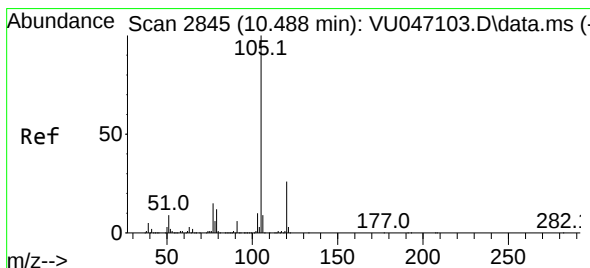
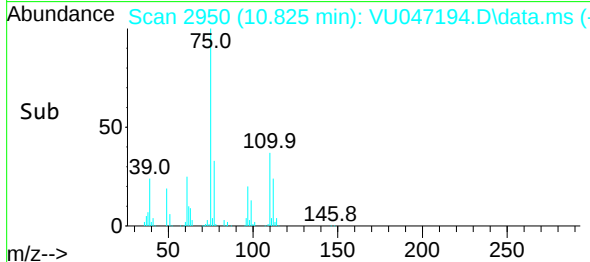
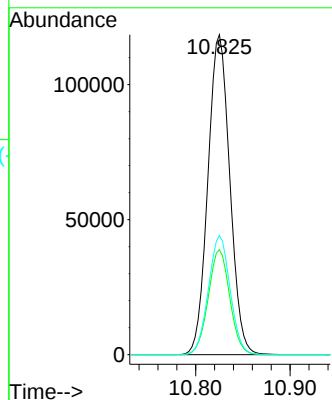
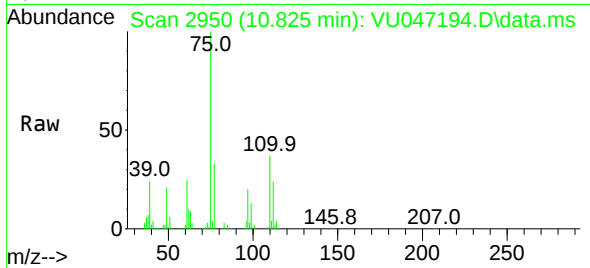




#60
1,2,3-Trichloropropane
Concen: 43.595 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

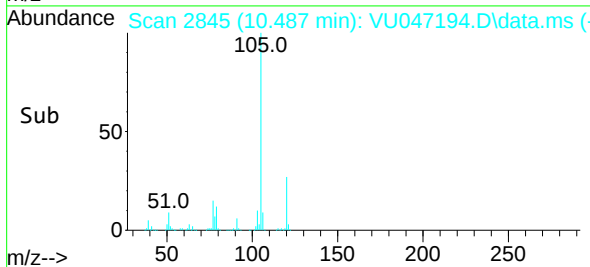
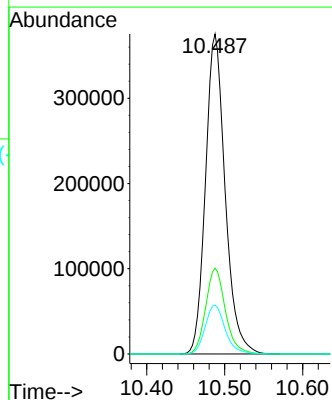
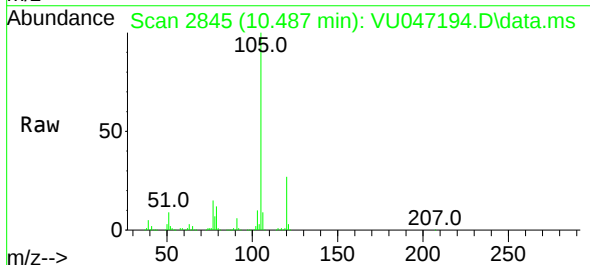
Instrument :
MSVOA_U
ClientSampleId :

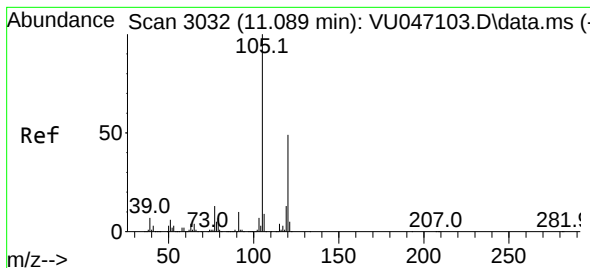
Tgt Ion: 75 Resp: 190793
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 36.9 32.5 48.7



#61
Isopropylbenzene
Concen: 45.472 ug/L
RT: 10.487 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Tgt Ion: 105 Resp: 656256
Ion Ratio Lower Upper
105 100
120 26.9 20.6 31.0
77 15.6 12.6 18.8





#62

1,3,5-Trimethylbenzene

Concen: 44.067 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047194.D

Acq: 17 Feb 2022 09:49

Instrument :

MSVOA_U

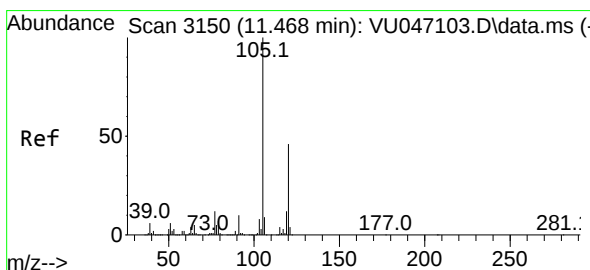
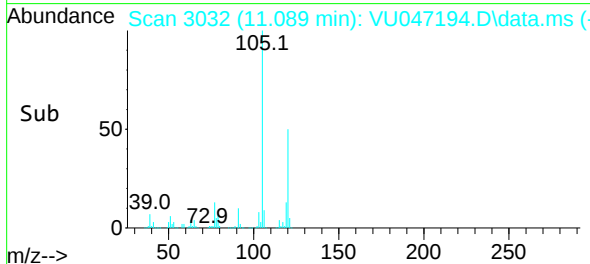
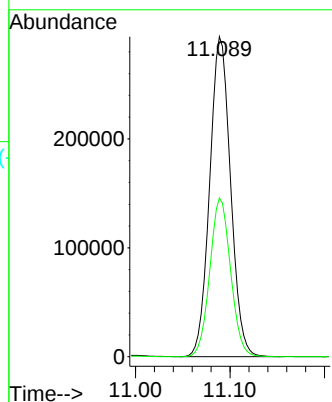
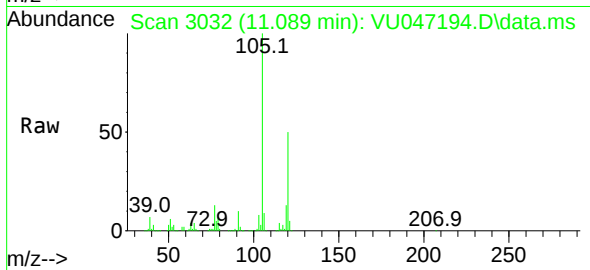
ClientSampleId :

Tgt Ion:105 Resp: 450727

Ion Ratio Lower Upper

105 100

120 49.3 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 44.265 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047194.D

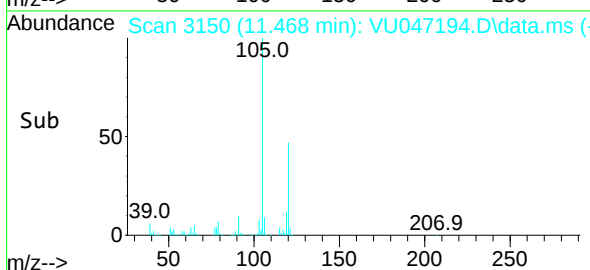
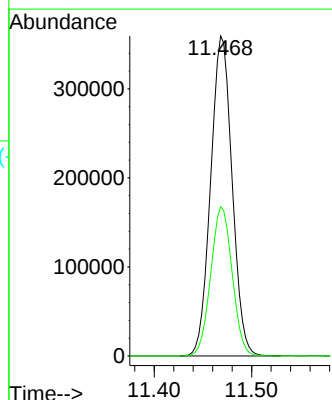
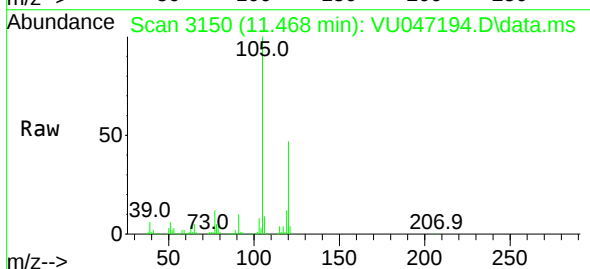
Acq: 17 Feb 2022 09:49

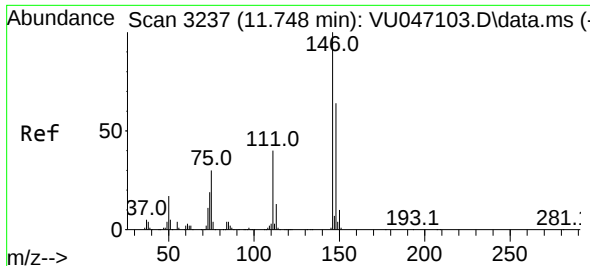
Tgt Ion:105 Resp: 549694

Ion Ratio Lower Upper

105 100

120 46.5 35.4 53.2

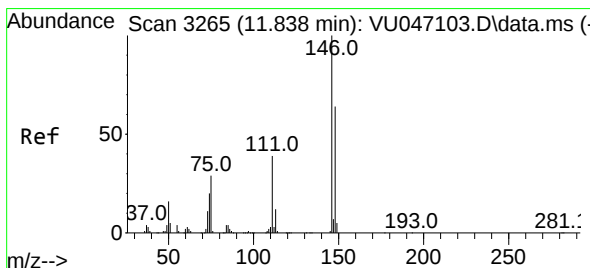
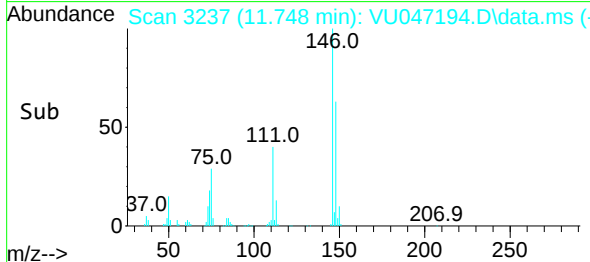
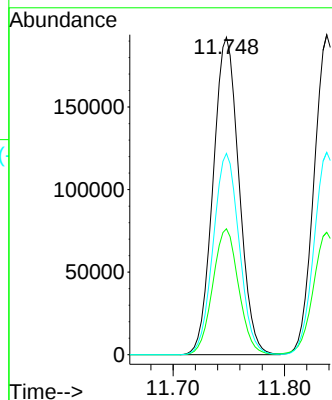
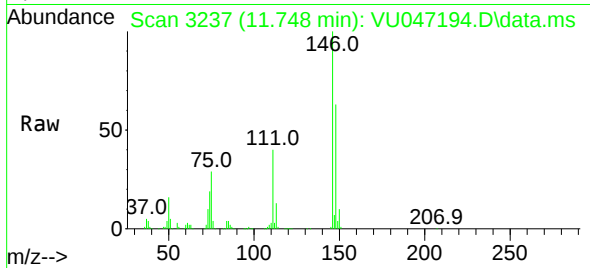




#64
1,3-Dichlorobenzene
Concen: 46.182 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

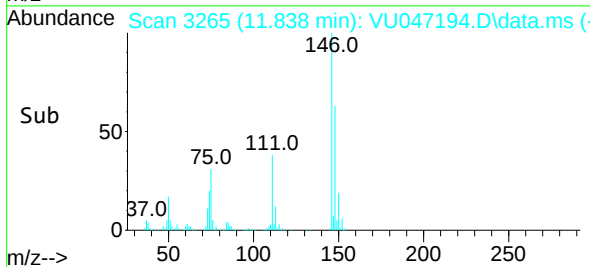
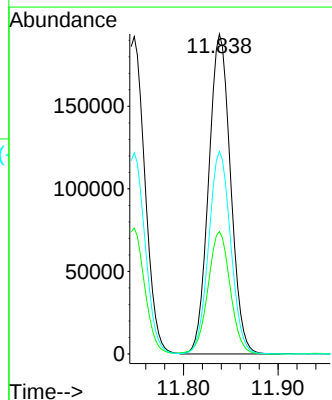
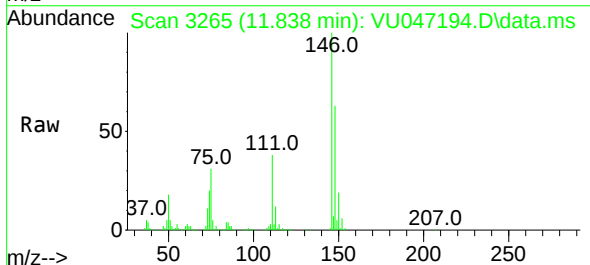
Instrument :
MSVOA_U
ClientSampleId :

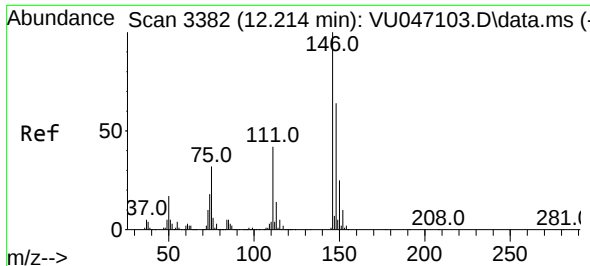
Tgt Ion:146 Resp: 310997
Ion Ratio Lower Upper
146 100
111 39.6 29.4 54.6
148 63.4 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 46.111 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Tgt Ion:146 Resp: 312139
Ion Ratio Lower Upper
146 100
111 38.3 28.9 53.7
148 63.3 44.5 82.7

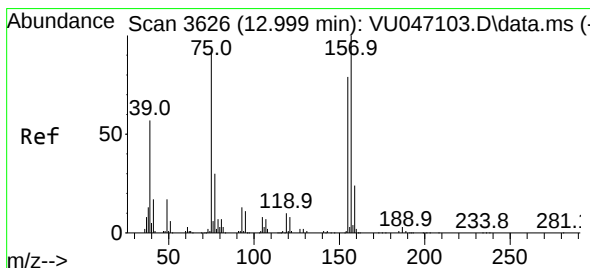
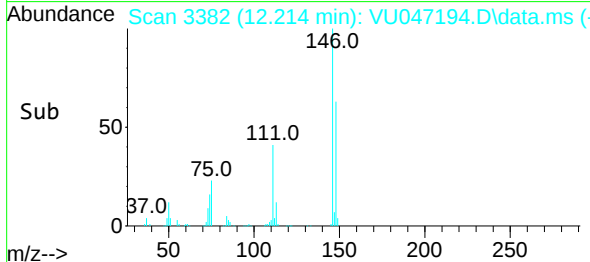
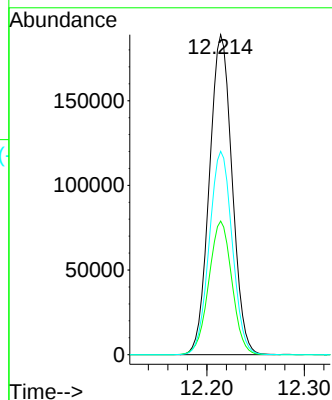
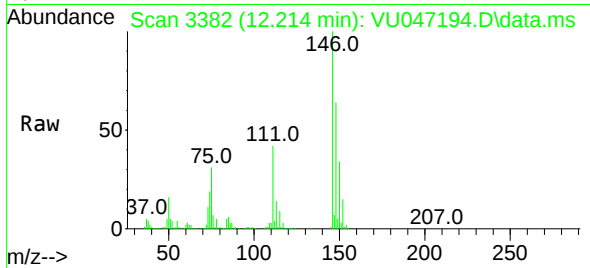




#67
 1,2-Dichlorobenzene
 Concen: 45.724 ug/L
 RT: 12.214 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU047194.D
 Acq: 17 Feb 2022 09:49

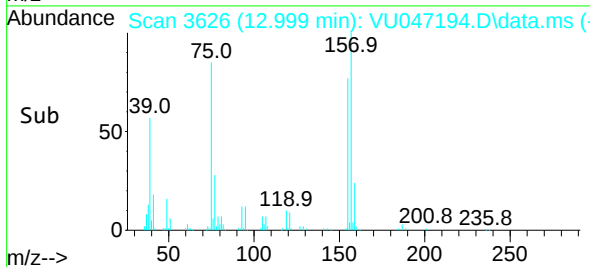
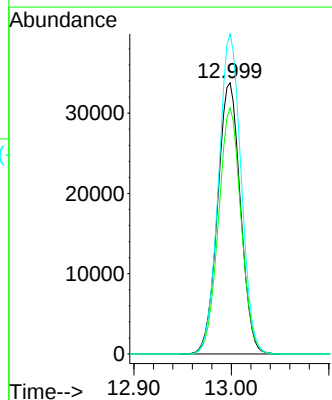
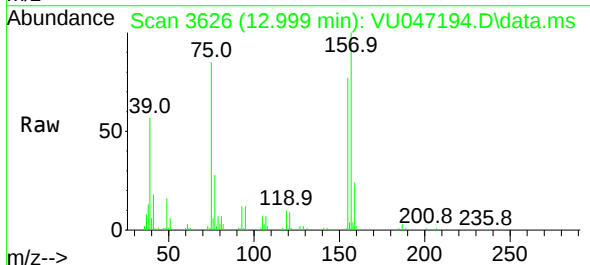
Instrument :
 MSVOA_U
 ClientSampleId :

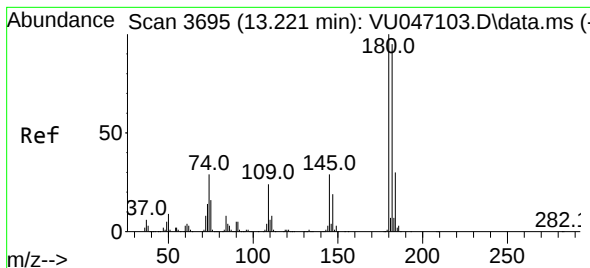
Tgt Ion:146 Resp: 306419
 Ion Ratio Lower Upper
 146 100
 111 41.7 34.2 51.4
 148 63.6 51.3 76.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 39.433 ug/L
 RT: 12.999 min Scan# 3626
 Delta R.T. -0.000 min
 Lab File: VU047194.D
 Acq: 17 Feb 2022 09:49

Tgt Ion: 75 Resp: 54983
 Ion Ratio Lower Upper
 75 100
 155 90.7 65.0 97.4
 157 118.0 79.7 119.5





#69

1,3,5-Trichlorobenzene

Concen: 47.380 ug/L

RT: 13.220 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU047194.D

Acq: 17 Feb 2022 09:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 246747

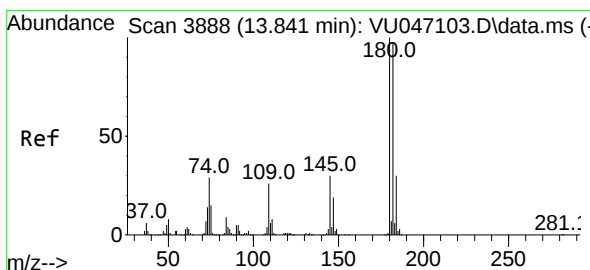
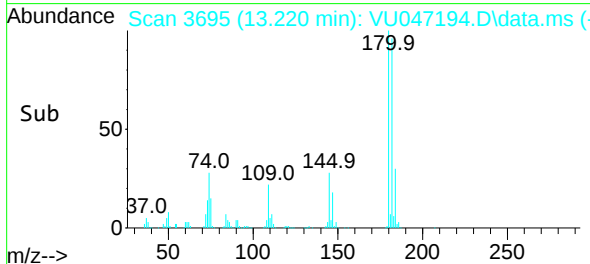
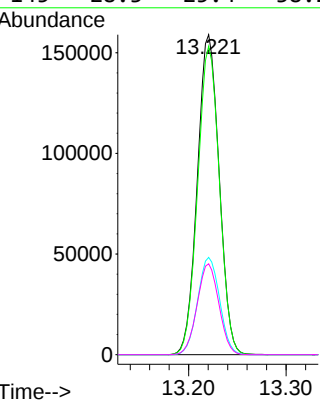
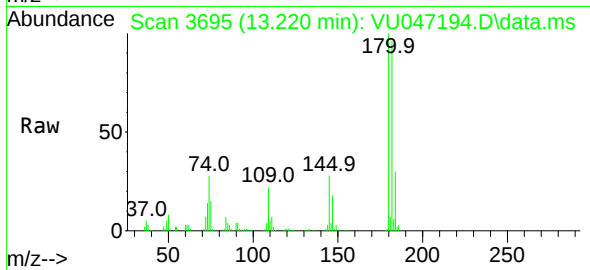
Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.6

184 30.7 24.7 37.1

145 28.3 25.4 38.2



#70

1,2,4-trichlorobenzene

Concen: 47.412 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU047194.D

Acq: 17 Feb 2022 09:49

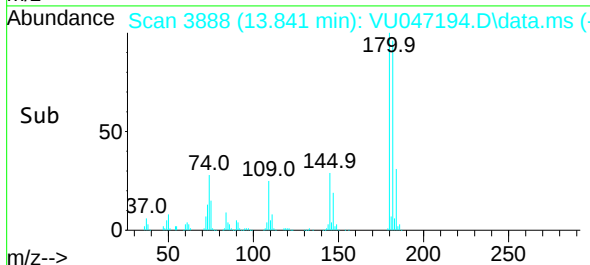
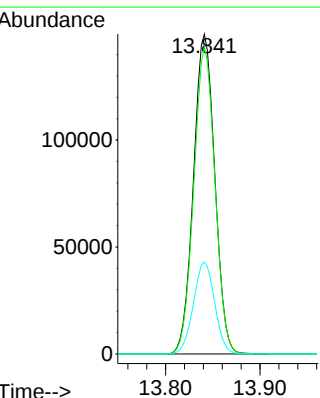
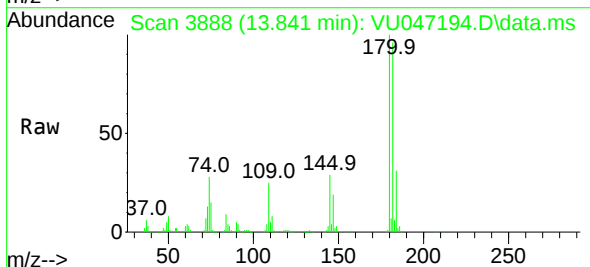
Tgt Ion:180 Resp: 234057

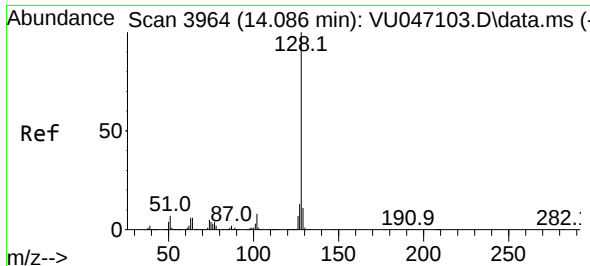
Ion Ratio Lower Upper

180 100

182 95.2 76.6 114.8

145 28.7 25.2 37.8

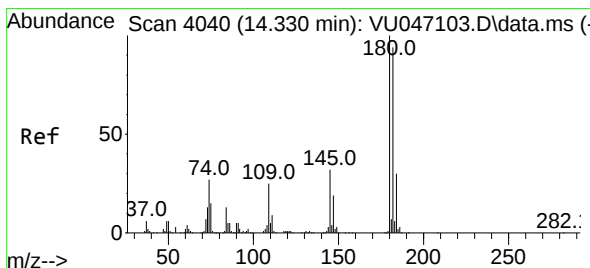
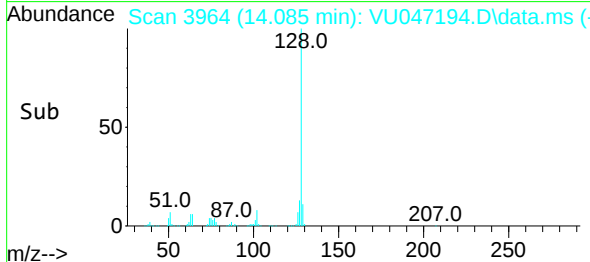
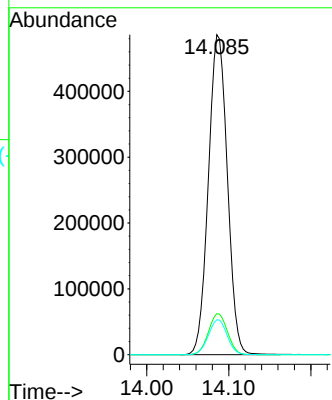
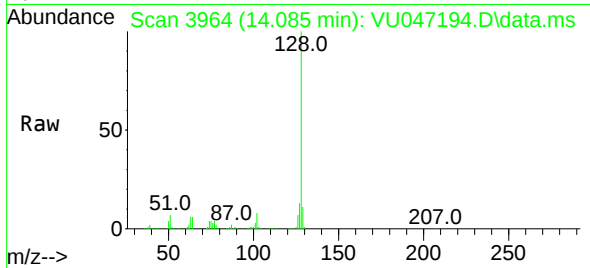




#71
Naphthalene
Concen: 44.659 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 780495
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 47.216 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047194.D
Acq: 17 Feb 2022 09:49

Tgt Ion:180 Resp: 232090
Ion Ratio Lower Upper
180 100
182 95.9 76.6 115.0
145 31.1 27.4 41.2

