

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047713.D
 Acq On : 26 Mar 2022 16:50
 Operator : SY/MD
 Sample : N2081-09MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X6MSD

Quant Time: Mar 28 05:10:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	355541	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	356028	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	205838	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	69861	27.096	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	54.200%#
7) Chloroethane-d5	1.916	69	68080	33.488	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.980%#
11) 1,1-Dichloroethene-d2	2.575	63	144119	30.552	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.100%
21) 2-Butanone-d5	4.639	46	239654	108.295	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.290%
24) Chloroform-d	5.067	84	180280	38.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.420%
26) 1,2-Dichloroethane-d4	5.703	65	119429	41.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.560%
32) Benzene-d6	5.729	84	301129	33.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.220%#
36) 1,2-Dichloropropane-d6	6.693	67	109512	39.804	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.600%
41) Toluene-d8	7.899	98	246377	28.227	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	56.460%#
43) trans-1,3-Dichloroprop...	8.179	79	50684	36.362	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.720%
47) 2-Hexanone-d5	8.636	63	180317	111.956	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	215599	45.661	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.320%
66) 1,2-Dichlorobenzene-d4	12.192	152	114411	31.242	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.480%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	116243	35.266	ug/L	100
3) Chloromethane	1.523	50	201596	63.952	ug/L	99
5) Vinyl chloride	1.607	62	170237	52.952	ug/L	98
6) Bromomethane	1.861	94	121000	69.926	ug/L	99
8) Chloroethane	1.938	64	125995	62.429	ug/L	98
9) Trichlorofluoromethane	2.141	101	185665	40.954	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	88290	33.691	ug/L	96
12) 1,1-Dichloroethene	2.584	96	122913	50.398	ug/L #	74
13) Acetone	2.652	43	296578	144.013	ug/L	98
14) Carbon disulfide	2.797	76	346226	44.912	ug/L	100
15) Methyl Acetate	2.957	43	194855	59.337	ug/L	99
16) Methylene chloride	3.051	84	198147	70.801	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	143022	54.370	ug/L	93
18) Methyl tert-butyl Ether	3.366	73	618739	83.373	ug/L	100
19) 1,1-Dichloroethane	3.874	63	383482	84.527	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	223844	77.619	ug/L	96
22) 2-Butanone	4.716	43	460039	173.414	ug/L	97
23) Bromochloromethane	4.976	128	114836	72.525	ug/L	98
25) Chloroform	5.089	83	327982	67.149	ug/L	98

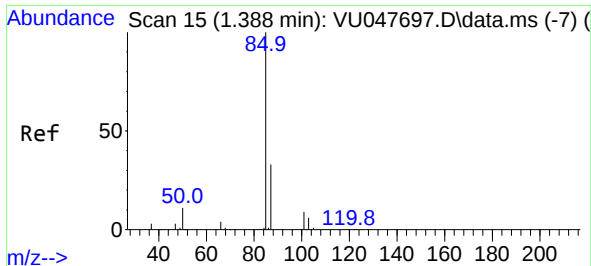
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	276861	73.367	ug/L	99
29) Cyclohexane	5.391	56	132108	36.568	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	409733	101.495	ug/L	99
31) Carbon tetrachloride	5.526	117	169672	46.544	ug/L	100
33) Benzene	5.777	78	643849	62.477	ug/L	100
34) Trichloroethene	6.542	95	147430	54.568	ug/L	98
35) Methylcyclohexane	6.764	83	134338	32.684	ug/L	99
37) 1,2-Dichloropropane	6.793	63	186828	71.315	ug/L	100
38) Bromodichloromethane	7.105	83	259307	72.079	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	268811	66.130	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	785547	189.722	ug/L	99
42) Toluene	7.970	91	634224	56.089	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	275112	67.785	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	211797	76.229	ug/L	99
46) Tetrachloroethene	8.555	164	109073	44.925	ug/L	99
48) 2-Hexanone	8.687	43	684887	192.297	ug/L	99
49) Dibromochloromethane	8.809	129	234642	72.914	ug/L	99
50) 1,2-Dibromoethane	8.925	107	233902	75.092	ug/L	100
51) Chlorobenzene	9.446	112	426263	55.520	ug/L	98
52) Ethylbenzene	9.571	91	590409	49.659	ug/L	99
53) m,p-Xylene	9.693	106	234152	50.192	ug/L	97
54) o-Xylene	10.102	106	249824	54.562	ug/L	99
55) Styrene	10.115	104	460183	58.868	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	410059	78.724	ug/L	99
59) Bromoform	10.291	173	206508	78.458	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	325005	83.756	ug/L	99
61) Isopropylbenzene	10.484	105	535098	48.101	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	303516	50.285	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	495384	54.032	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	336227	54.377	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	346665	54.128	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	371930	60.116	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	112299	90.347	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	245258	48.840	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	244492	55.585	ug/L	99
71) Naphthalene	14.085	128	1071439	81.704	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	269097	61.028	ug/L	99

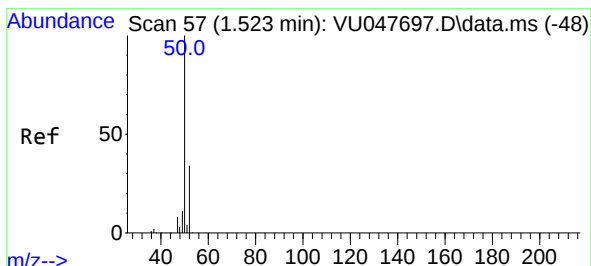
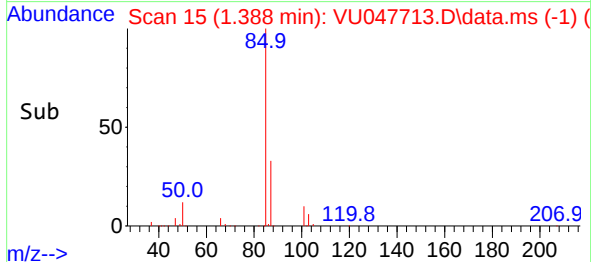
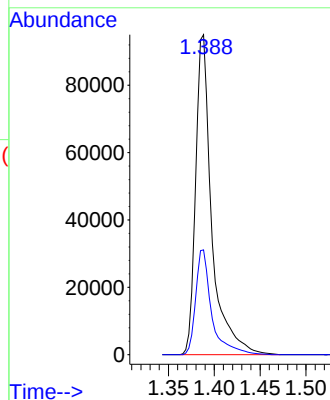
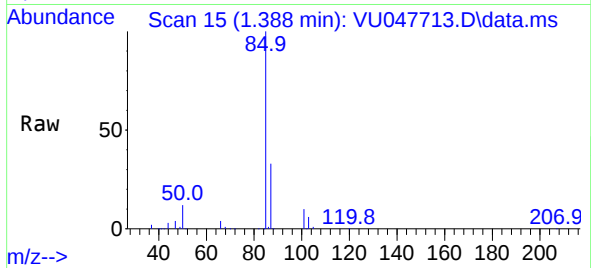
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#2
Dichlorodifluoromethane
Concen: 35.266 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

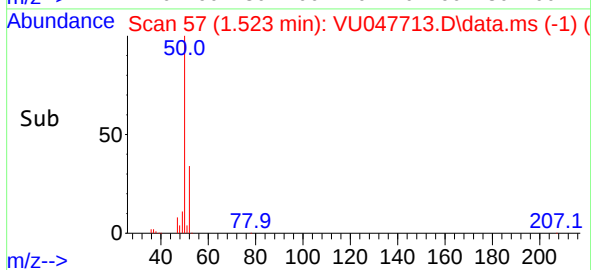
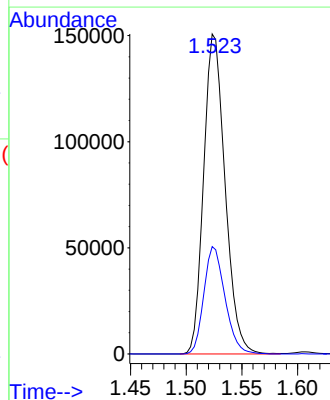
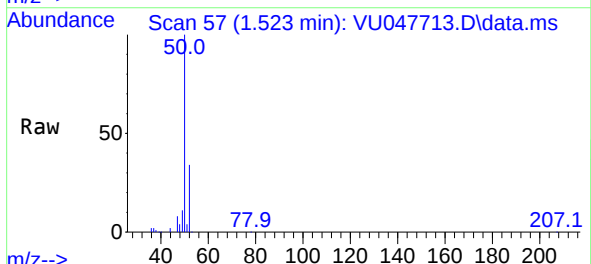
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

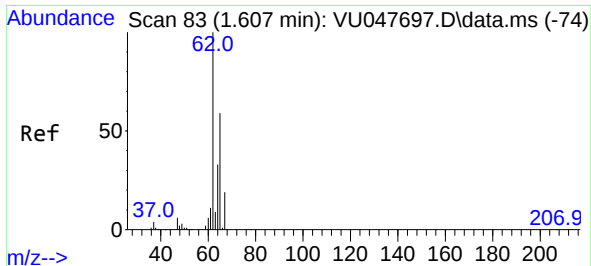
Tgt Ion: 85 Resp: 116243
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.8



#3
Chloromethane
Concen: 63.952 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion: 50 Resp: 201596
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.2

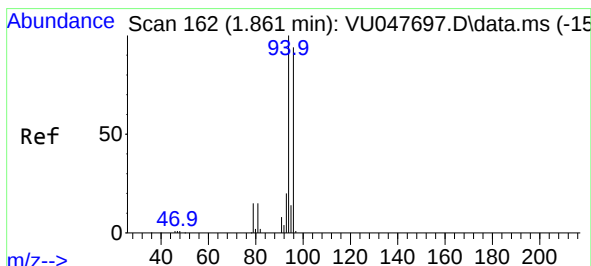
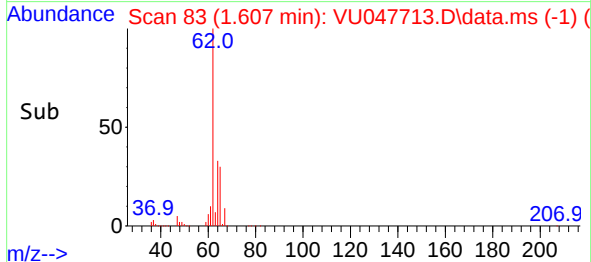
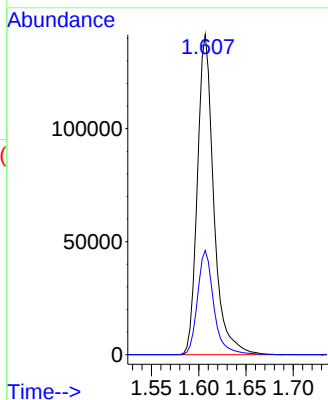
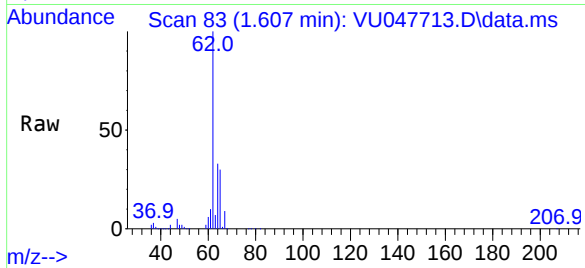




#5
 Vinyl chloride
 Concen: 52.952 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047713.D
 Acq: 26 Mar 2022 16:50

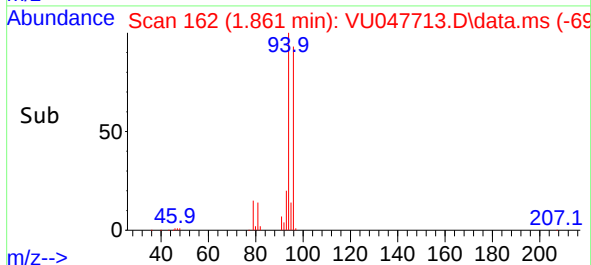
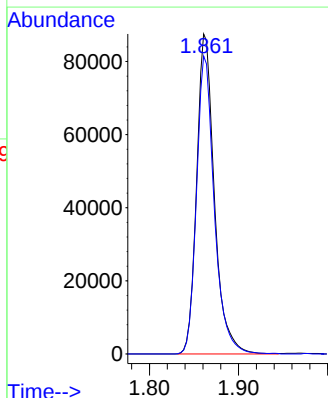
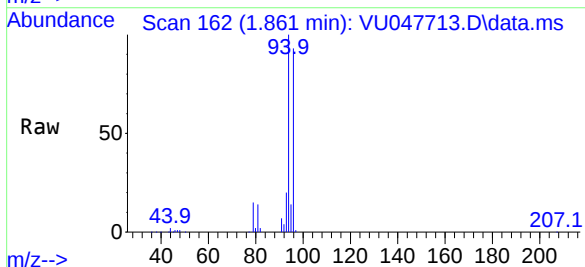
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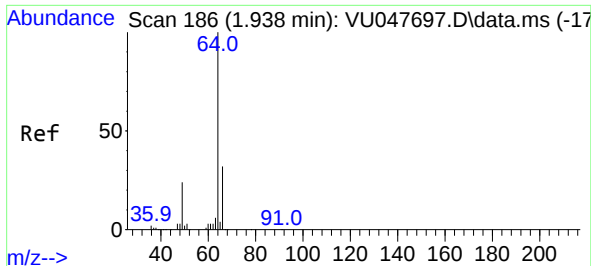
Tgt Ion: 62 Resp: 170237
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.7 43.9



#6
 Bromomethane
 Concen: 69.926 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU047713.D
 Acq: 26 Mar 2022 16:50

Tgt Ion: 94 Resp: 121000
 Ion Ratio Lower Upper
 94 100
 96 93.1 64.8 120.3

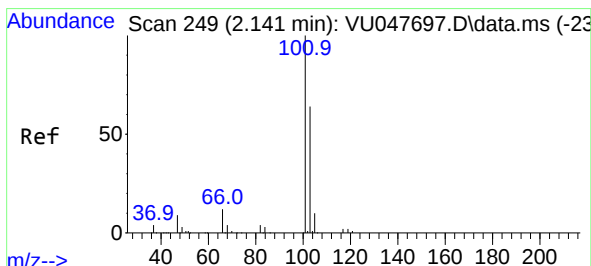
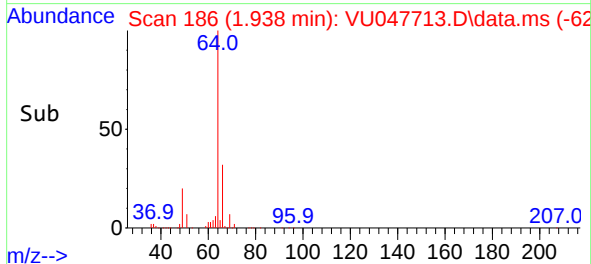
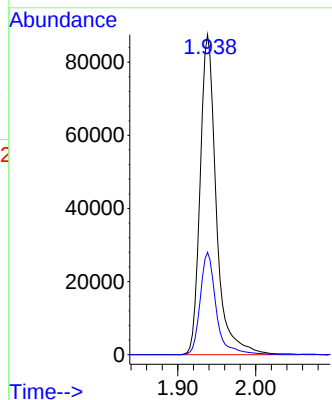
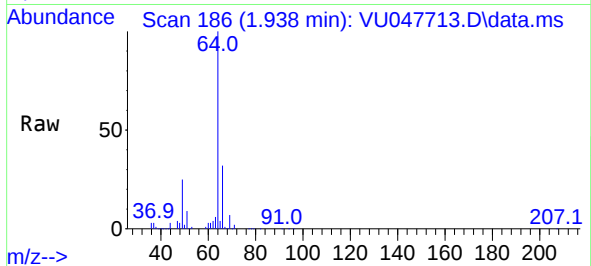




#8
Chloroethane
Concen: 62.429 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

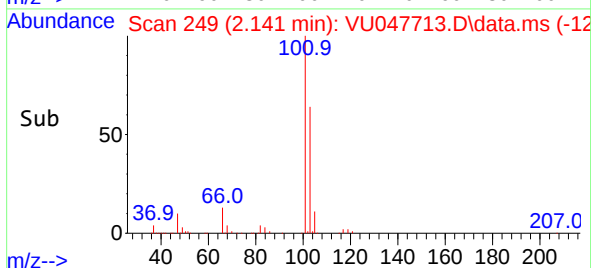
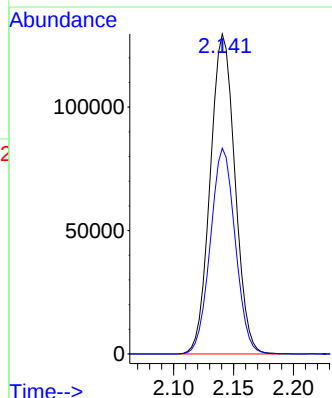
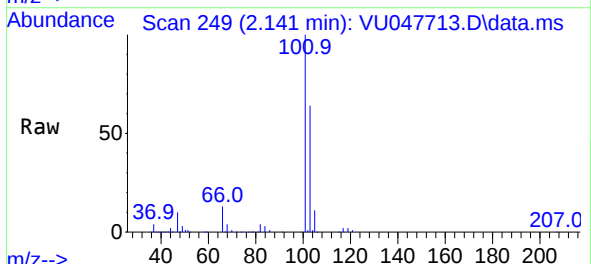
Instrument :
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ClientSampleId :
EW5X6MSD

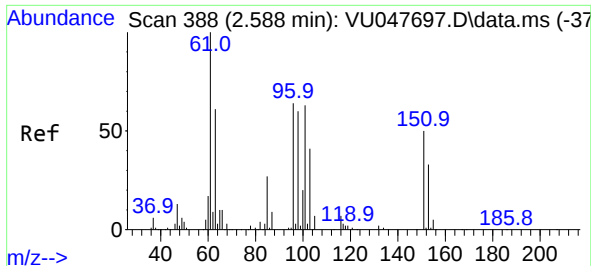
Tgt Ion: 64 Resp: 125995
Ion Ratio Lower Upper
64 100
66 32.0 23.3 43.3



#9
Trichlorofluoromethane
Concen: 40.954 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion: 101 Resp: 185665
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

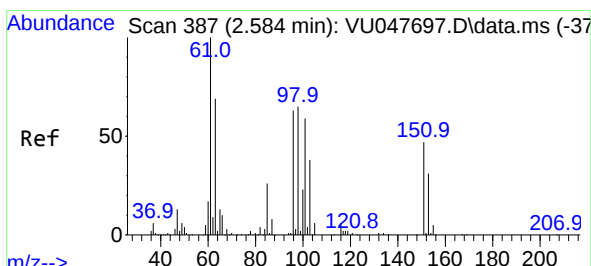
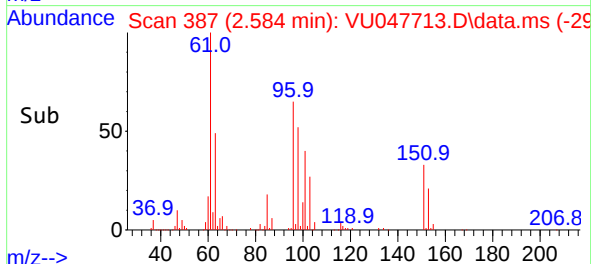
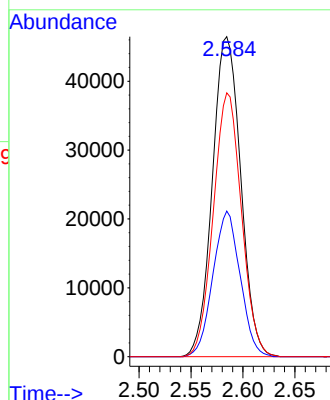
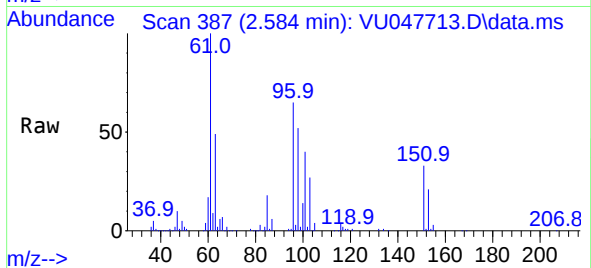




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 33.691 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

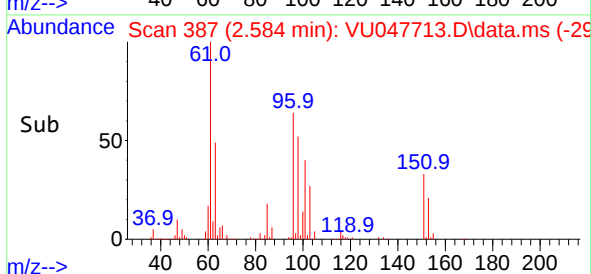
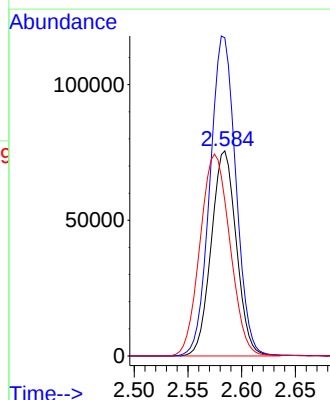
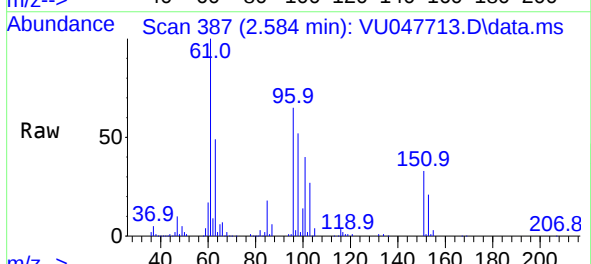
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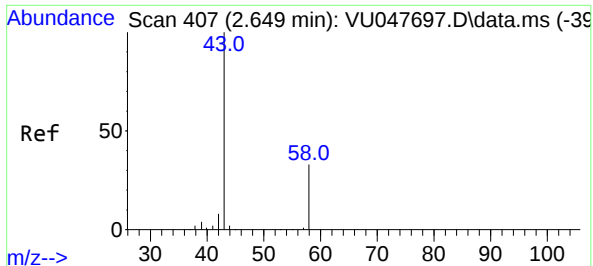
Tgt Ion:101 Resp: 88290
Ion Ratio Lower Upper
101 100
85 43.6 32.8 49.2
151 81.7 63.0 94.6



#12
1,1-Dichloroethene
Concen: 50.398 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion: 96 Resp: 122913
Ion Ratio Lower Upper
96 100
61 155.0 113.1 210.1
63 75.6 94.8 176.0#

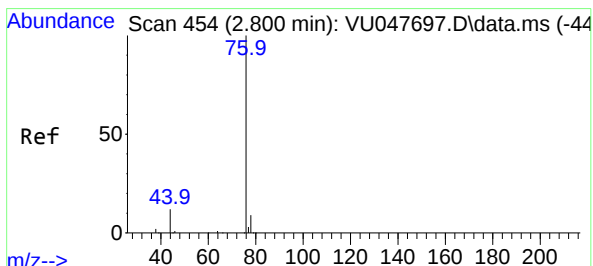
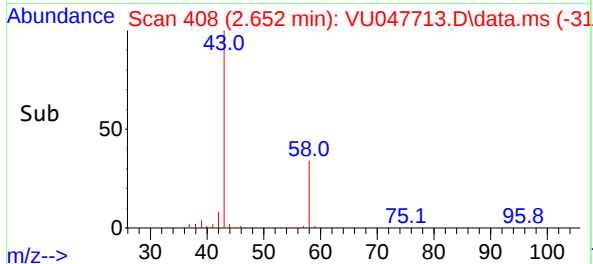
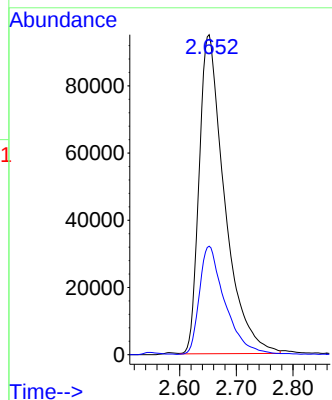
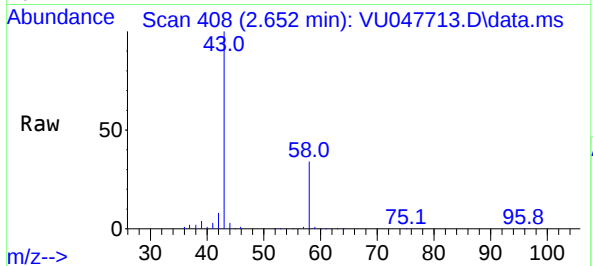




#13
Acetone
Concen: 144.013 ug/L
RT: 2.652 min Scan# 407
Delta R.T. 0.003 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

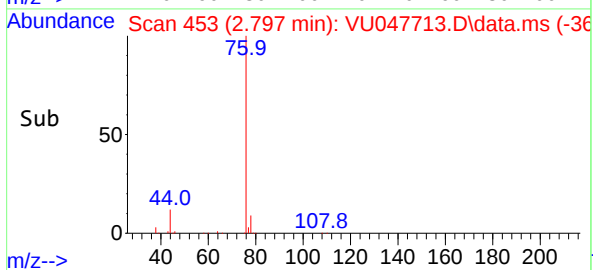
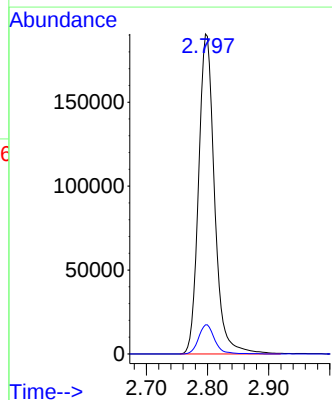
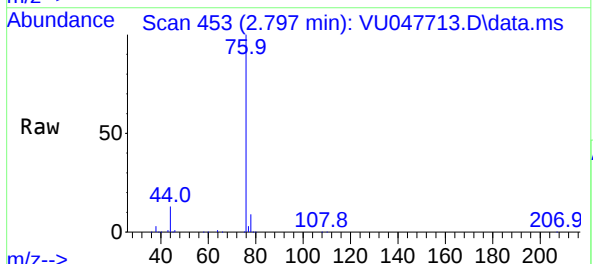
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

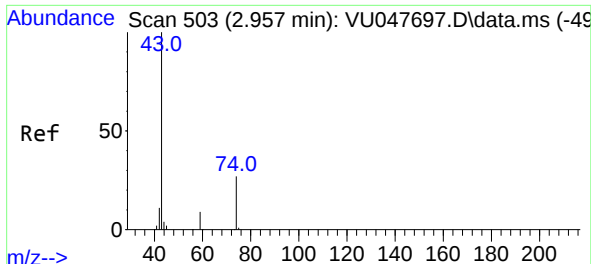
Tgt Ion: 43 Resp: 296578
Ion Ratio Lower Upper
43 100
58 34.1 0.0 70.0



#14
Carbon disulfide
Concen: 44.912 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion: 76 Resp: 346226
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

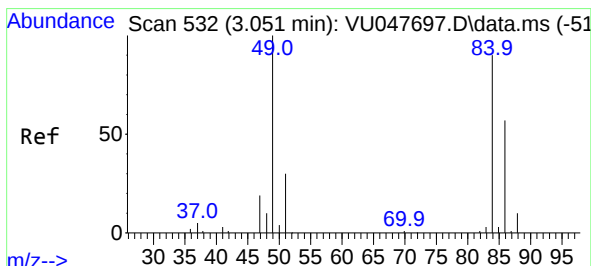
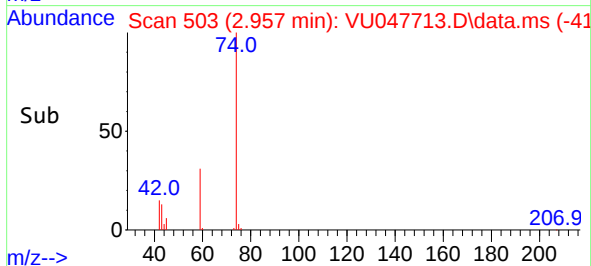
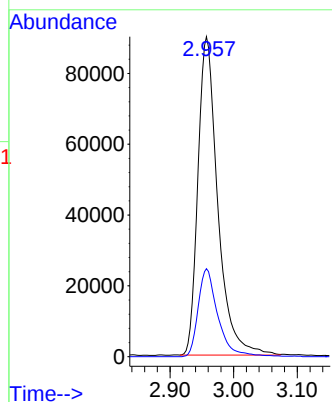
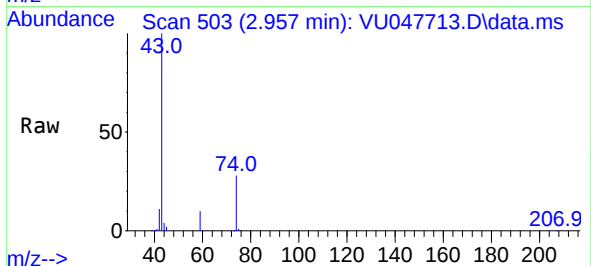




#15
Methyl Acetate
Concen: 59.337 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

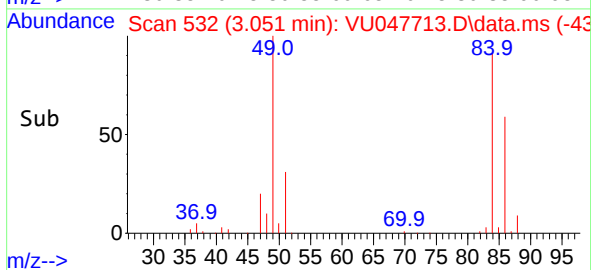
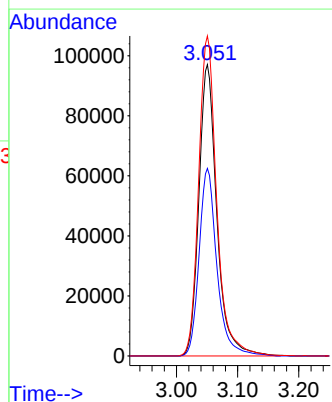
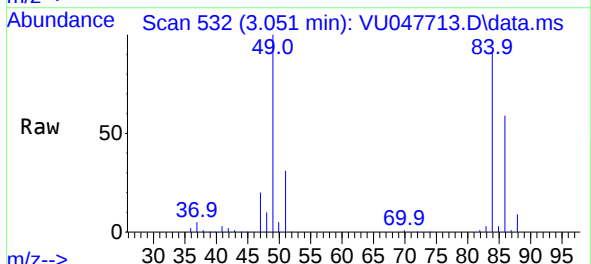
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

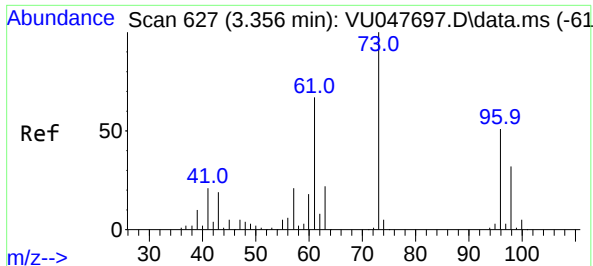
Tgt Ion: 43 Resp: 194855
Ion Ratio Lower Upper
43 100
74 27.1 22.2 33.2



#16
Methylene chloride
Concen: 70.801 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion: 84 Resp: 198147
Ion Ratio Lower Upper
84 100
86 64.4 46.0 85.4
49 109.8 75.3 139.8

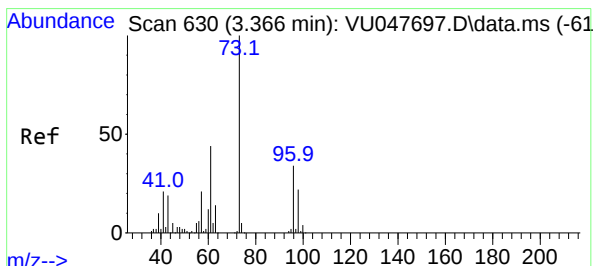
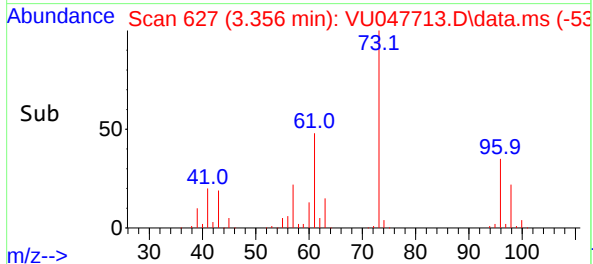
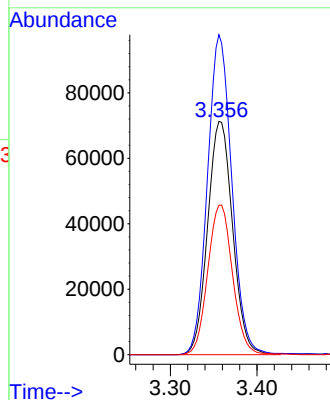
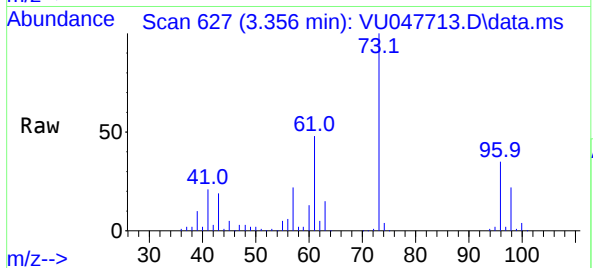




#17
trans-1,2-Dichloroethene
Concen: 54.370 ug/L
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

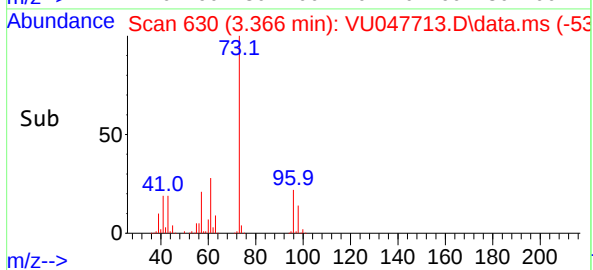
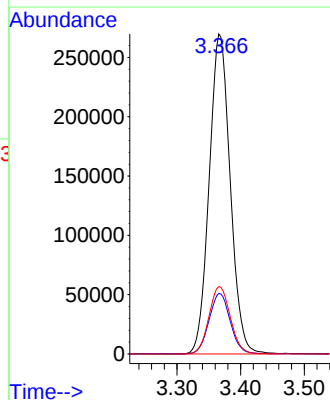
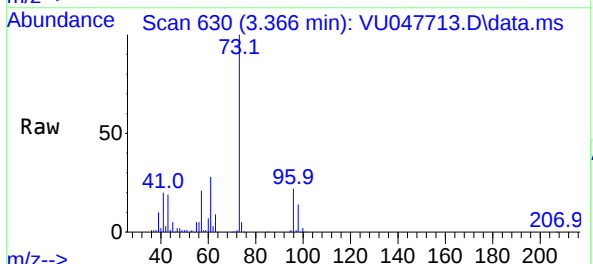
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

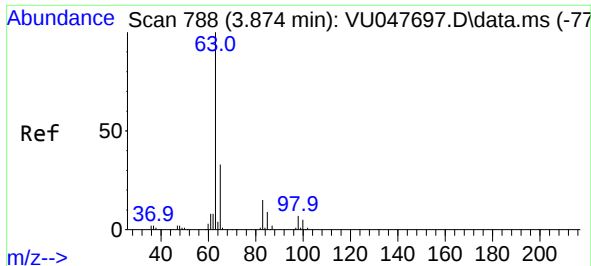
Tgt Ion: 96 Resp: 143022
Ion Ratio Lower Upper
96 100
61 137.2 88.4 164.2
98 64.1 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 83.373 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion: 73 Resp: 618739
Ion Ratio Lower Upper
73 100
43 19.0 15.3 22.9
57 21.5 17.0 25.6



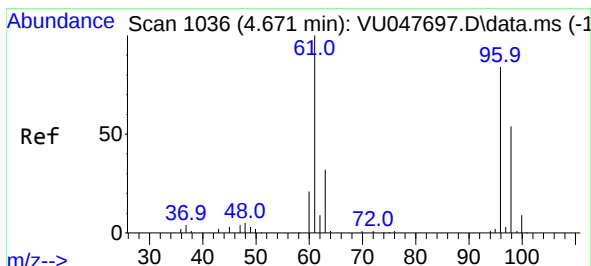
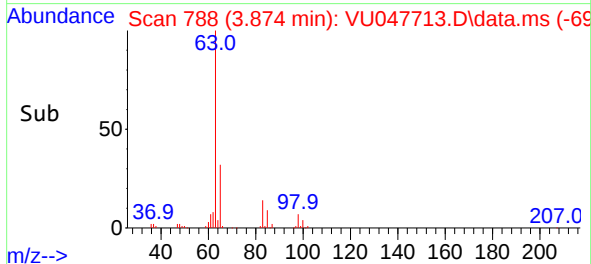
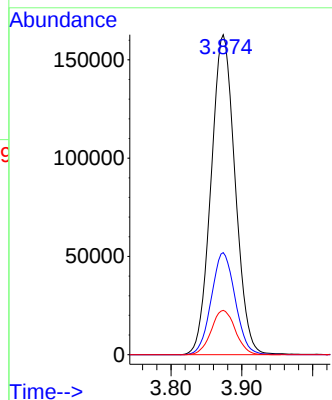
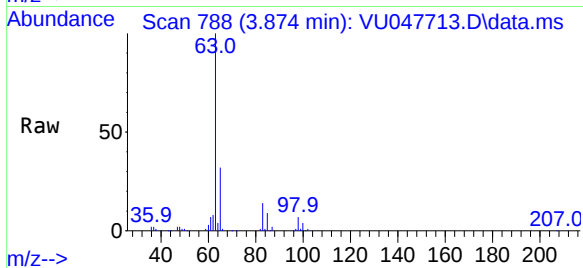


#19
1,1-Dichloroethane
Concen: 84.527 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

Tgt Ion: 63 Resp: 383482

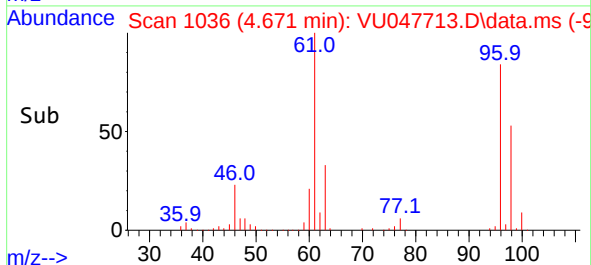
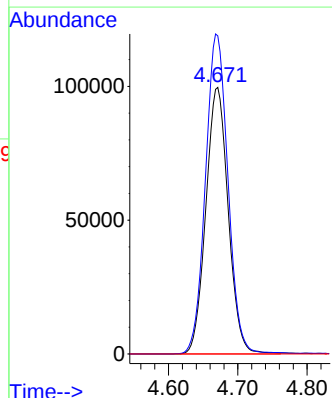
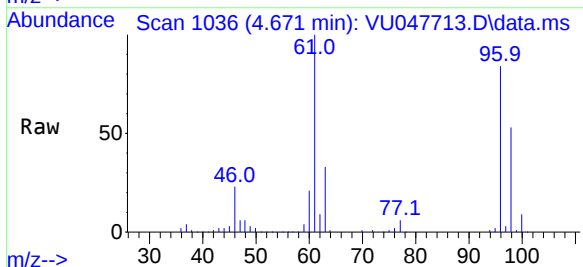
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.0	41.0
83	13.8	9.7	18.1

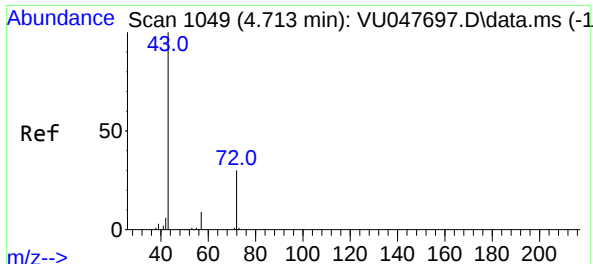


#20
cis-1,2-Dichloroethene
Concen: 77.619 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion: 96 Resp: 223844

Ion	Ratio	Lower	Upper
96	100		
61	119.3	80.7	149.9
68	0.0	0.0	0.0

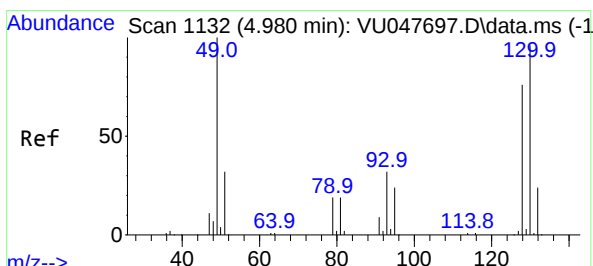
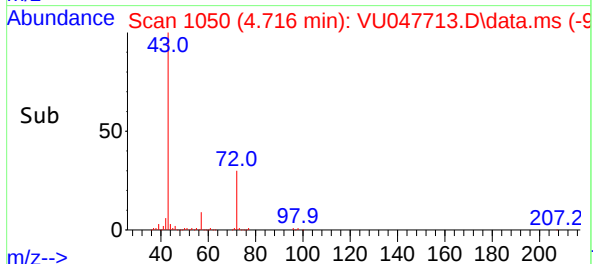
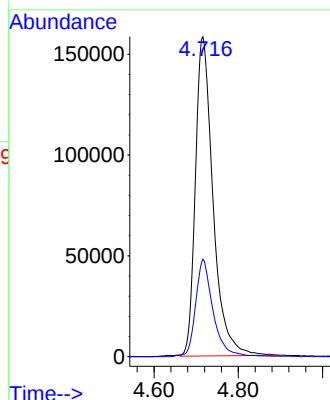
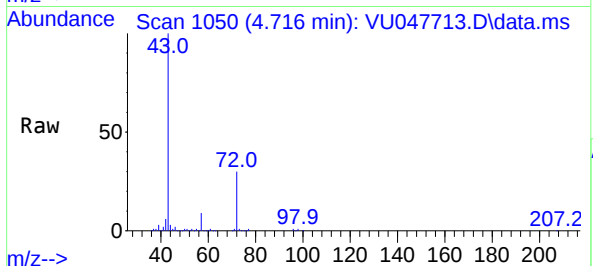




#22
2-Butanone
Concen: 173.414 ug/L
RT: 4.716 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

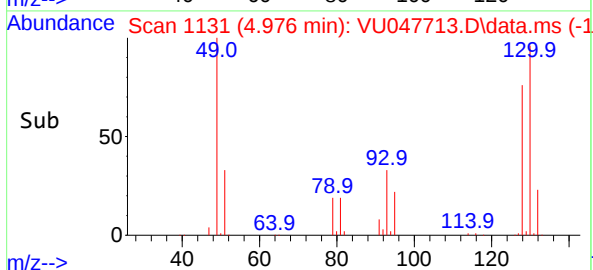
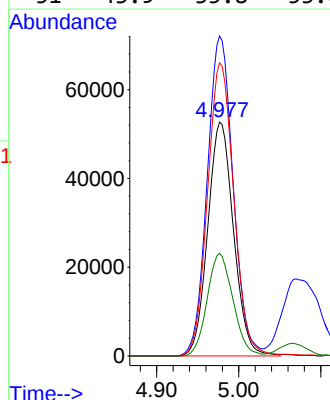
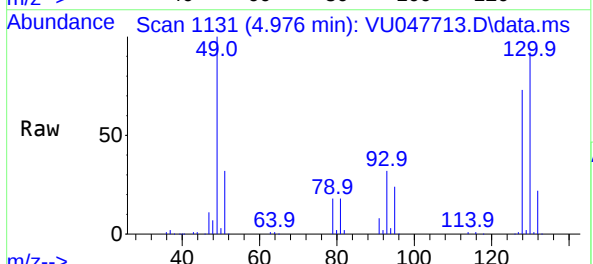
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

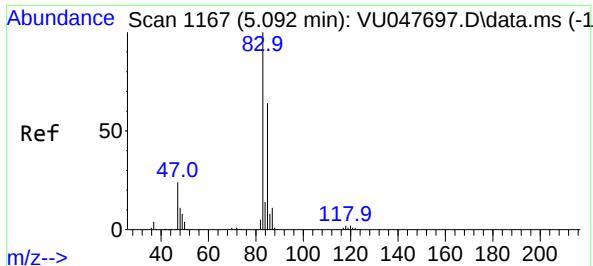
Tgt Ion: 43 Resp: 460039
Ion Ratio Lower Upper
43 100
72 30.0 16.0 47.9



#23
Bromochloromethane
Concen: 72.525 ug/L
RT: 4.976 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion:128 Resp: 114836
Ion Ratio Lower Upper
128 100
49 136.8 94.1 174.8
130 125.3 90.2 167.4
51 43.9 35.8 53.6





#25

Chloroform

Concen: 67.149 ug/L

RT: 5.089 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU047713.D

Acq: 26 Mar 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

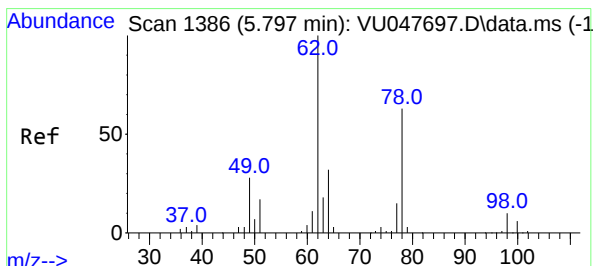
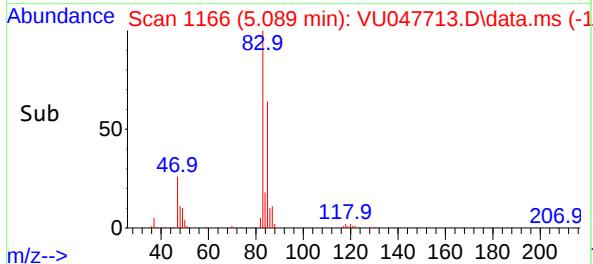
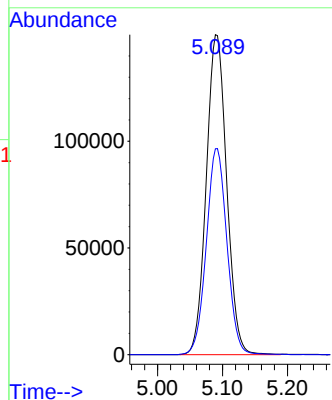
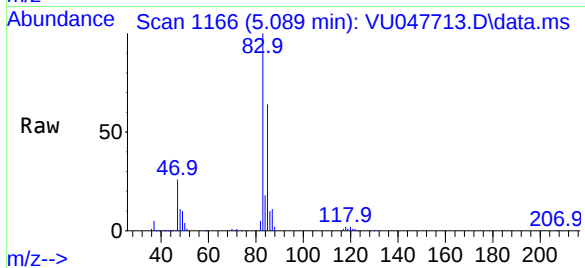
EW5X6MSD

Tgt Ion: 83 Resp: 327982

Ion Ratio Lower Upper

83 100

85 64.3 46.2 85.8



#27

1,2-Dichloroethane

Concen: 73.367 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047713.D

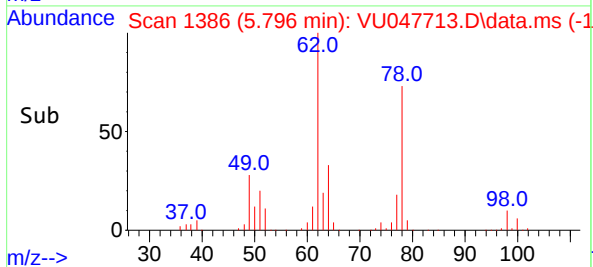
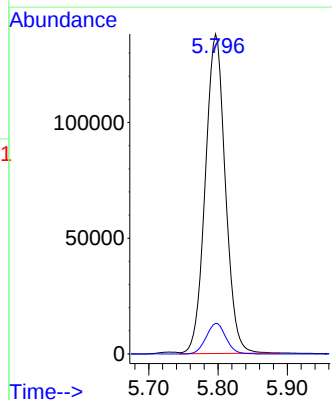
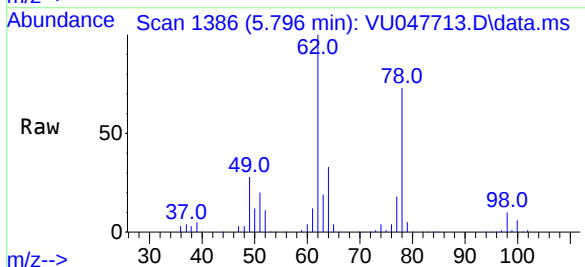
Acq: 26 Mar 2022 16:50

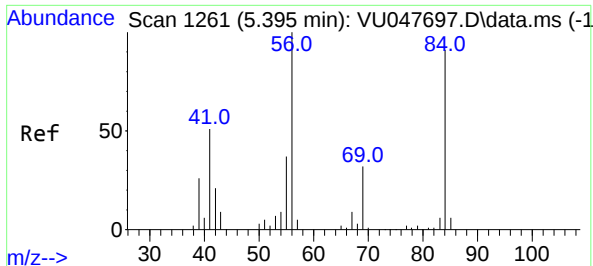
Tgt Ion: 62 Resp: 276861

Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.0





#29

Cyclohexane

Concen: 36.568 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047713.D

Acq: 26 Mar 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

EW5X6MSD

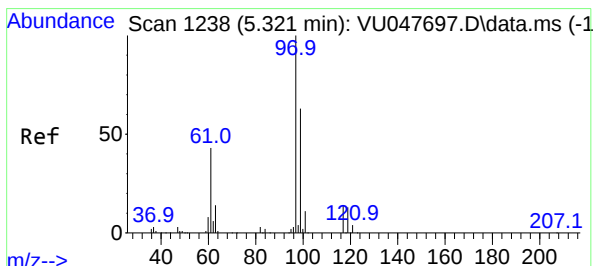
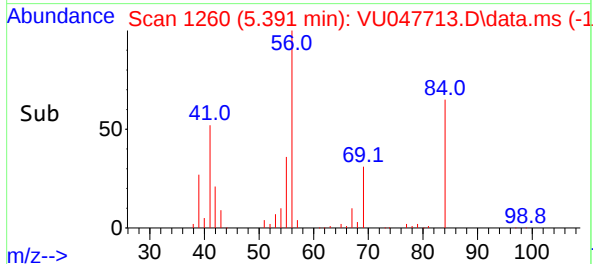
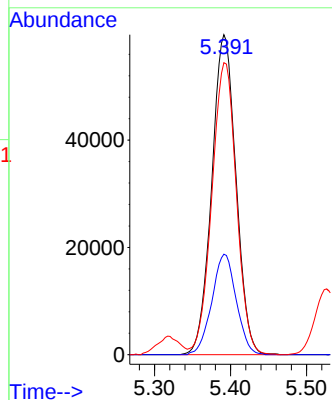
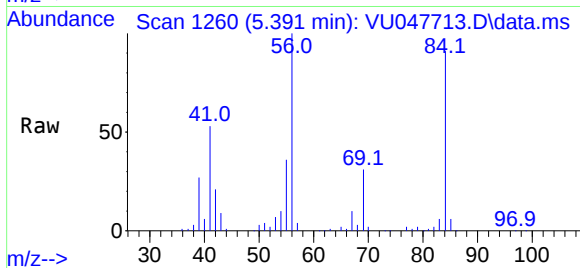
Tgt Ion: 56 Resp: 132108

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.2

84 92.6 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 101.495 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047713.D

Acq: 26 Mar 2022 16:50

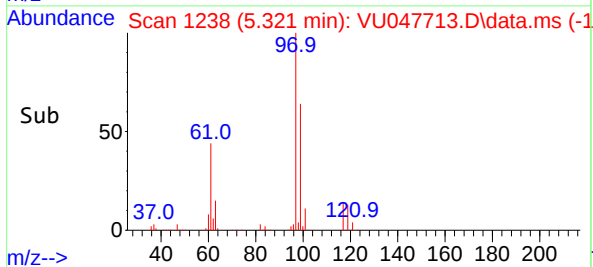
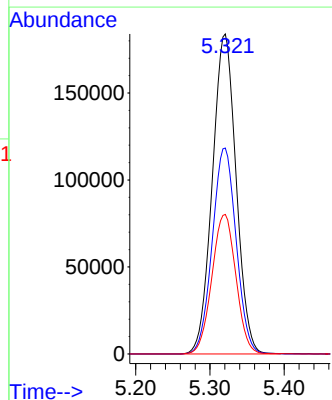
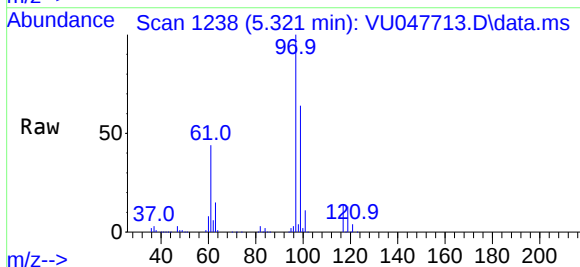
Tgt Ion: 97 Resp: 409733

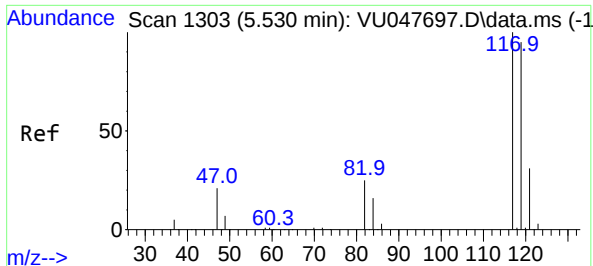
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 44.1 34.2 51.4

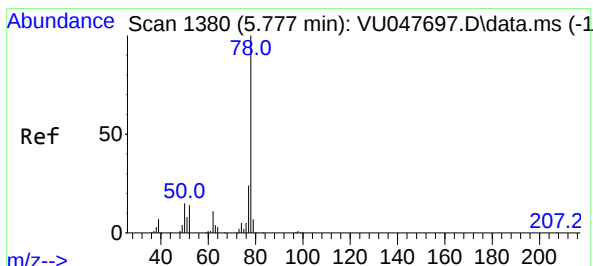
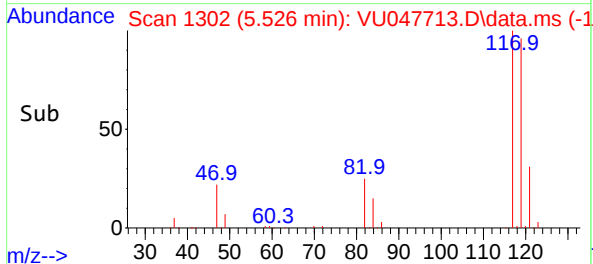
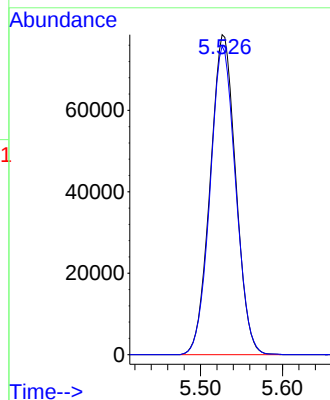
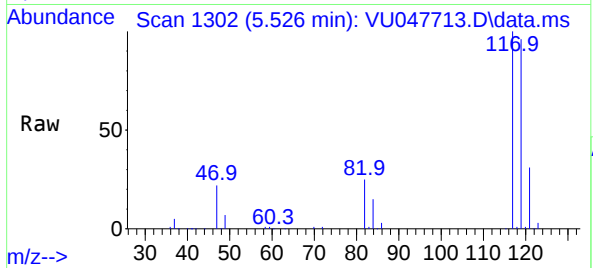




#31
Carbon tetrachloride
Concen: 46.544 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

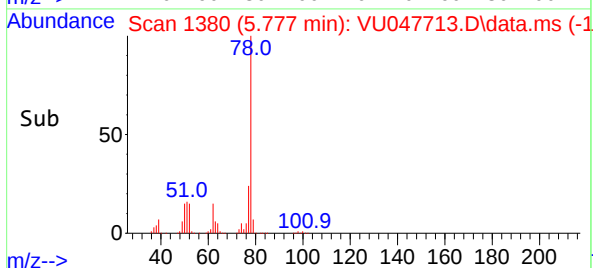
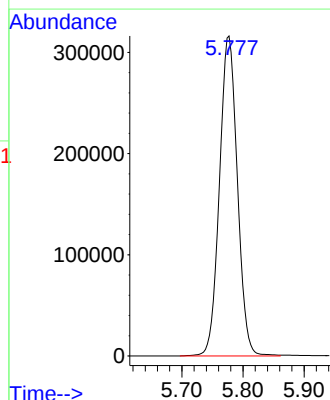
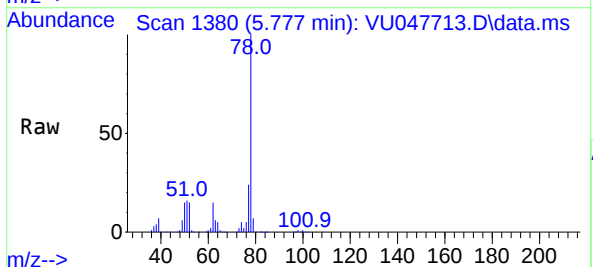
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

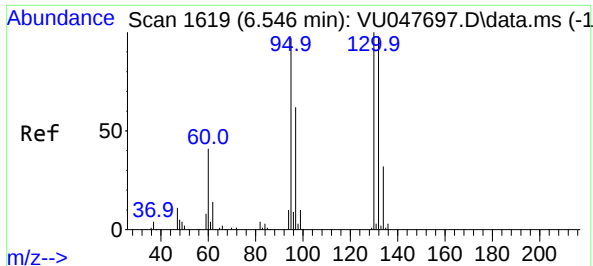
Tgt Ion:117 Resp: 169672
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8



#33
Benzene
Concen: 62.477 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion: 78 Resp: 643849

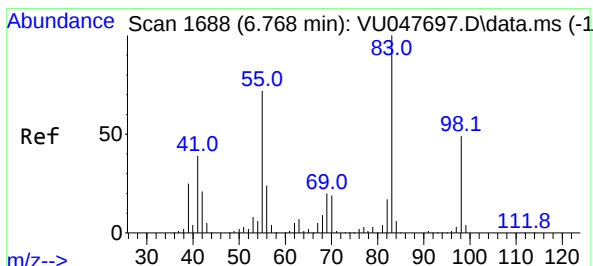
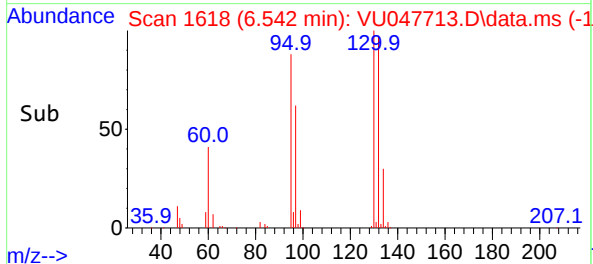
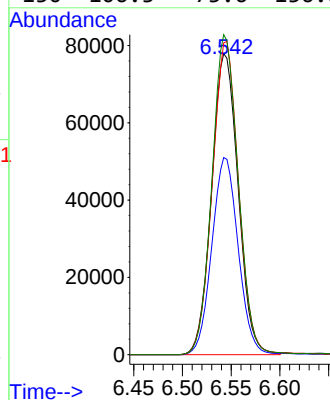
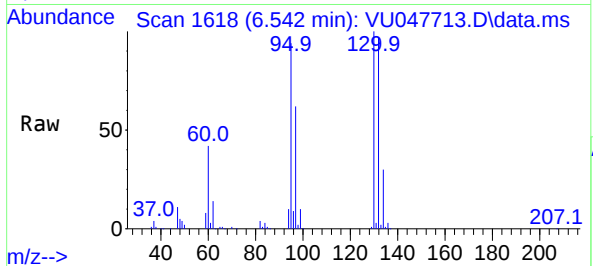




#34
Trichloroethene
Concen: 54.568 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

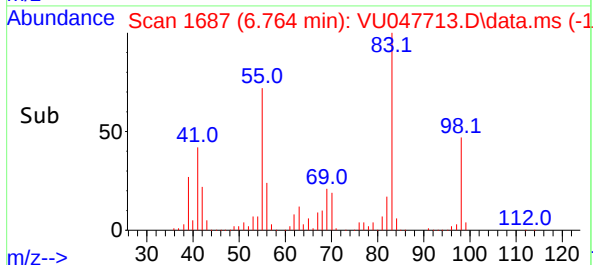
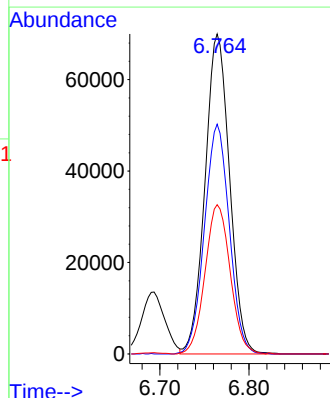
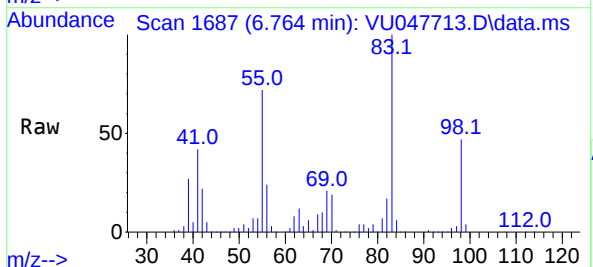
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

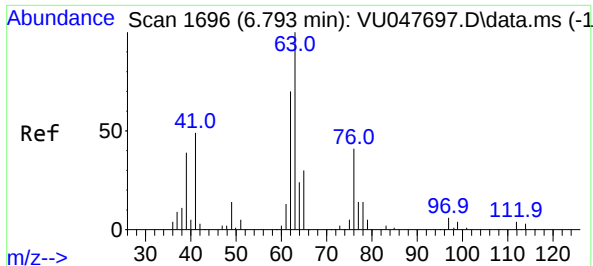
Tgt Ion: 95 Resp: 147430
Ion Ratio Lower Upper
95 100
97 65.5 44.7 82.9
132 103.5 70.4 130.8
130 106.3 73.6 136.8



#35
Methylcyclohexane
Concen: 32.684 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion: 83 Resp: 134338
Ion Ratio Lower Upper
83 100
55 72.6 56.8 85.2
98 47.7 38.1 57.1

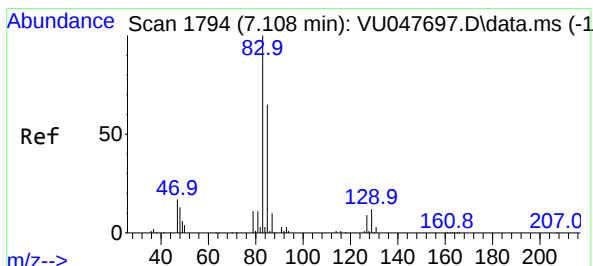
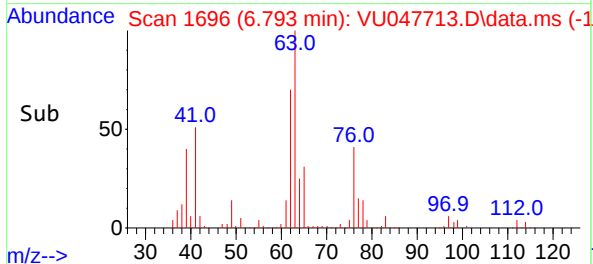
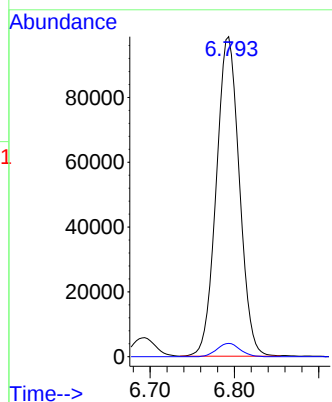
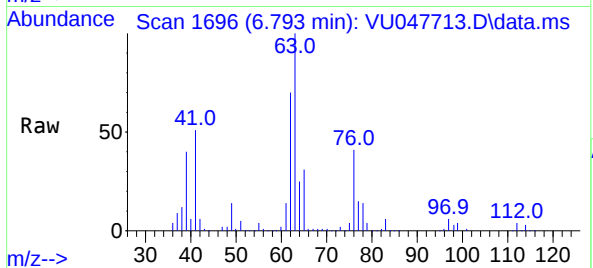




#37
1,2-Dichloropropane
Concen: 71.315 ug/L
RT: 6.793 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

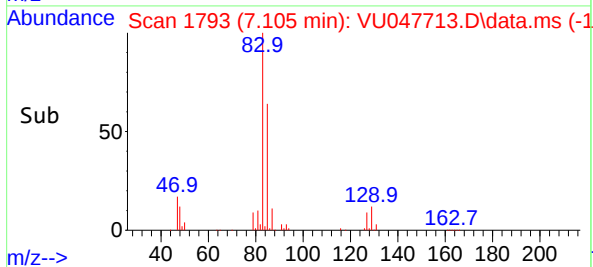
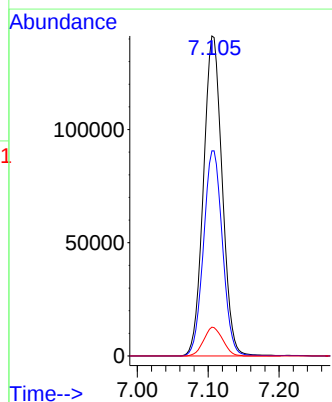
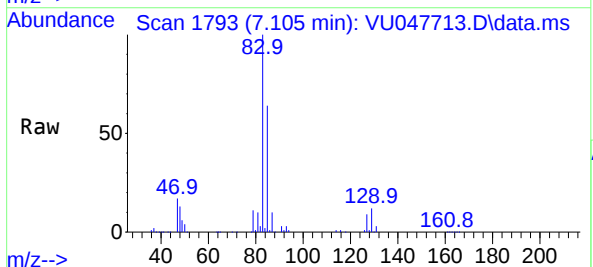
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

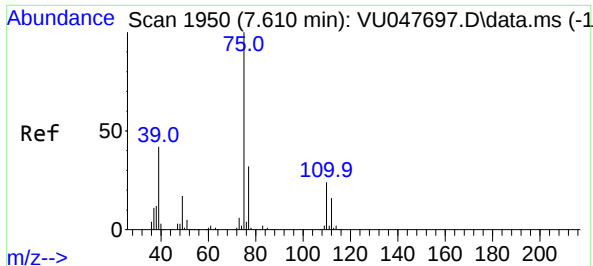
Tgt Ion: 63 Resp: 186828
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.2



#38
Bromodichloromethane
Concen: 72.079 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion: 83 Resp: 259307
Ion Ratio Lower Upper
83 100
85 64.1 44.4 82.4
127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 66.130 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU047713.D

Acq: 26 Mar 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

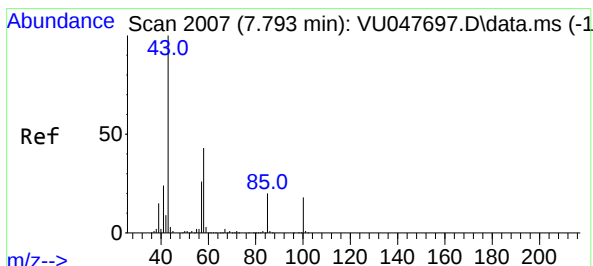
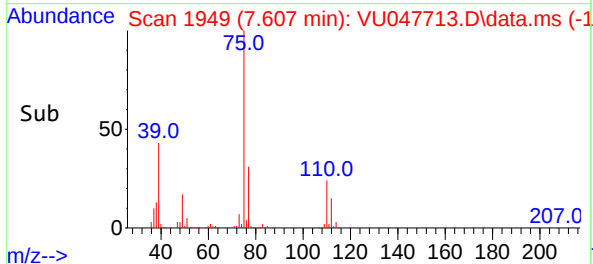
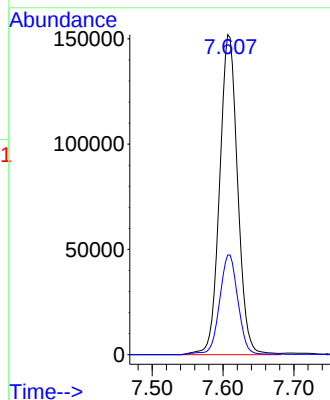
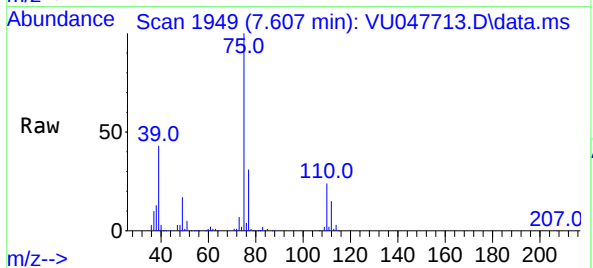
EW5X6MSD

Tgt Ion: 75 Resp: 268811

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 189.722 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU047713.D

Acq: 26 Mar 2022 16:50

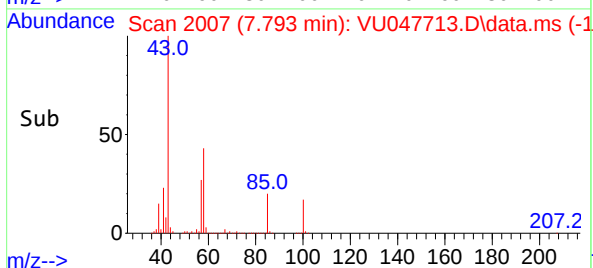
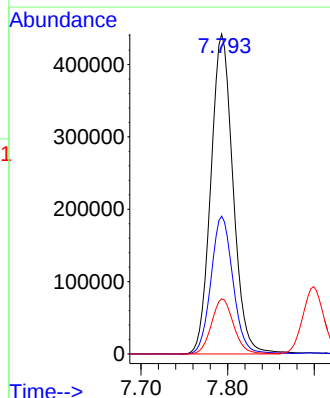
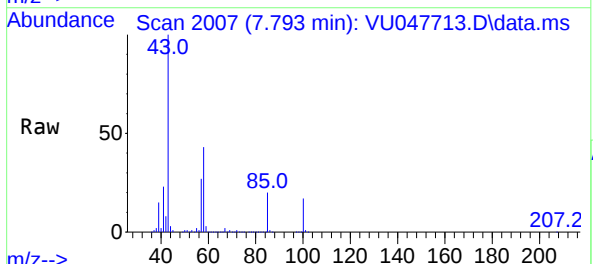
Tgt Ion: 43 Resp: 785547

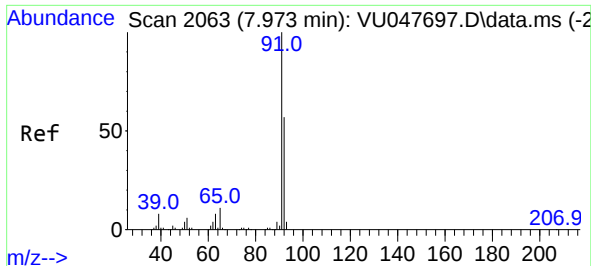
Ion Ratio Lower Upper

43 100

58 42.9 34.7 52.1

100 17.2 14.2 21.2





#42

Toluene

Concen: 56.089 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047713.D

Acq: 26 Mar 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

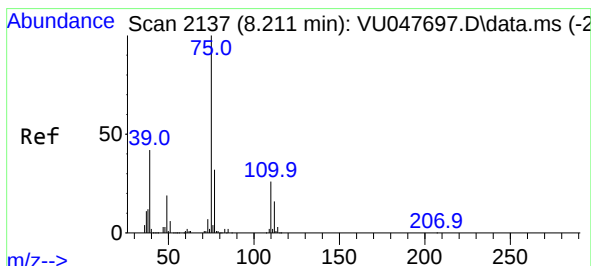
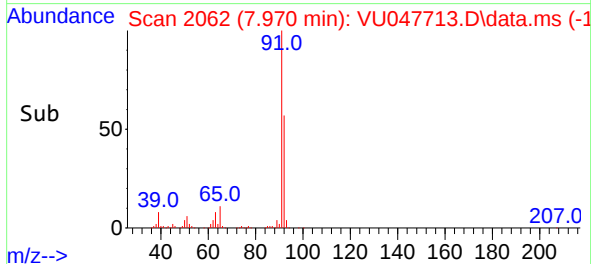
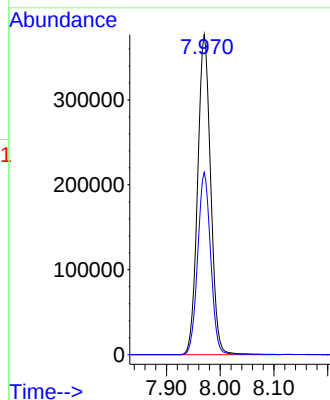
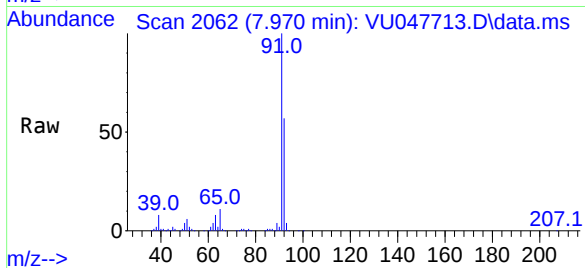
EW5X6MSD

Tgt Ion: 91 Resp: 634224

Ion Ratio Lower Upper

91 100

92 57.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 67.785 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047713.D

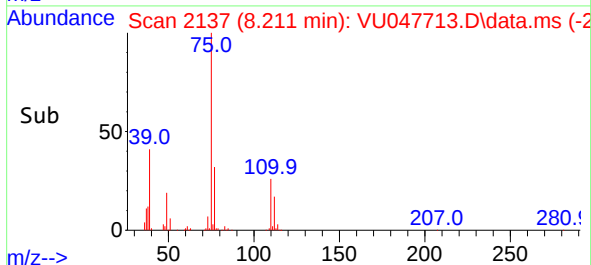
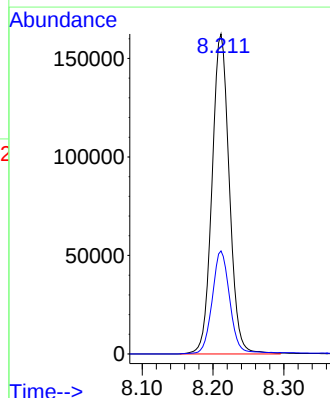
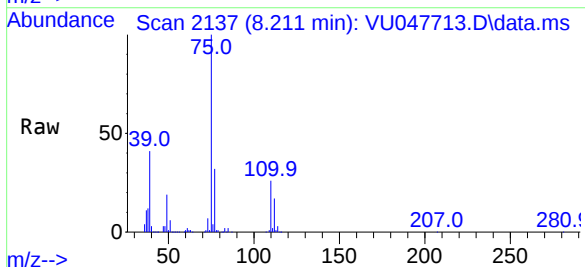
Acq: 26 Mar 2022 16:50

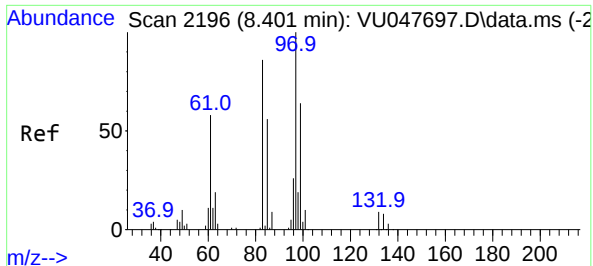
Tgt Ion: 75 Resp: 275112

Ion Ratio Lower Upper

75 100

77 32.2 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 76.229 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. -0.000 min

Lab File: VU047713.D

Acq: 26 Mar 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

EW5X6MSD

Tgt Ion: 97 Resp: 211797

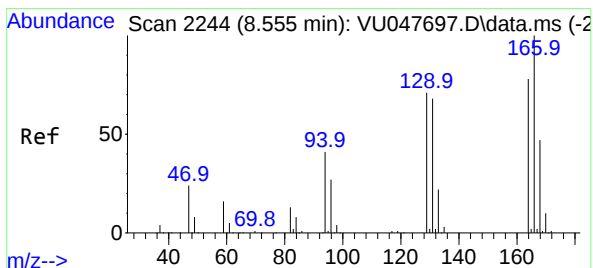
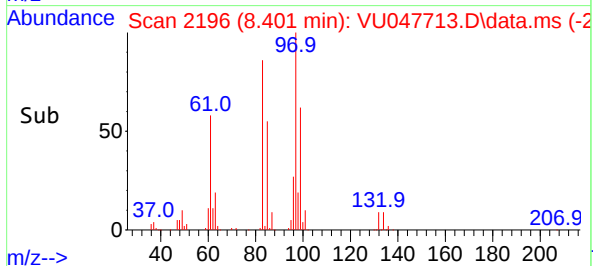
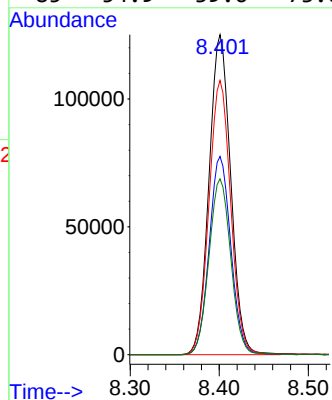
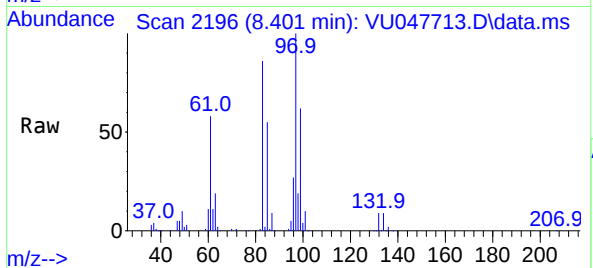
Ion Ratio Lower Upper

97 100

99 61.9 43.3 80.3

83 85.7 61.0 113.4

85 54.9 39.6 73.6



#46

Tetrachloroethene

Concen: 44.925 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU047713.D

Acq: 26 Mar 2022 16:50

Tgt Ion: 164 Resp: 109073

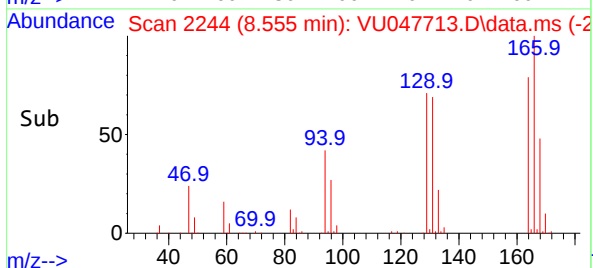
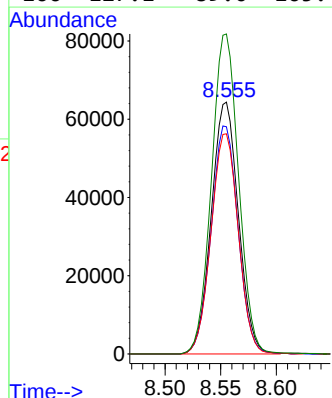
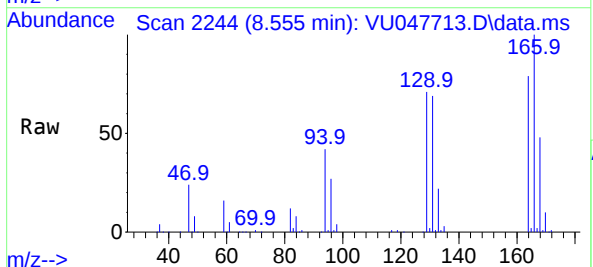
Ion Ratio Lower Upper

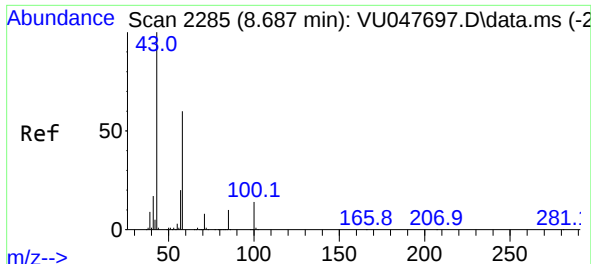
164 100

129 90.2 62.4 116.0

131 87.4 60.7 112.7

166 127.1 89.0 165.4

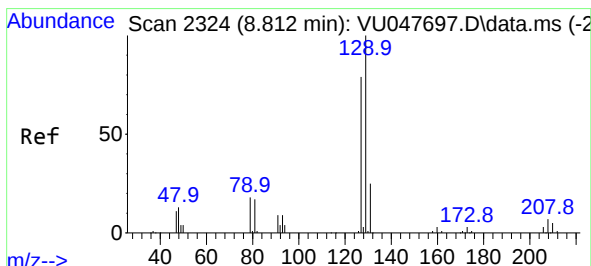
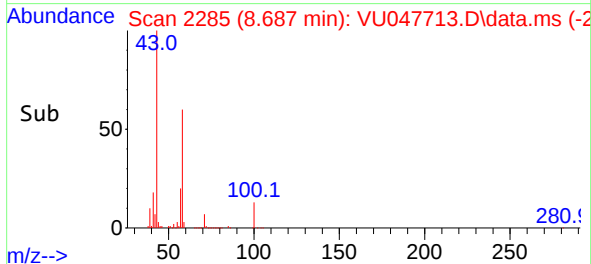
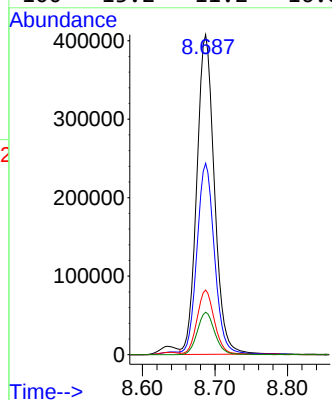
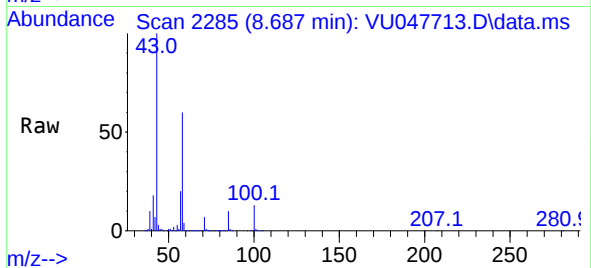




#48
2-Hexanone
Concen: 192.297 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

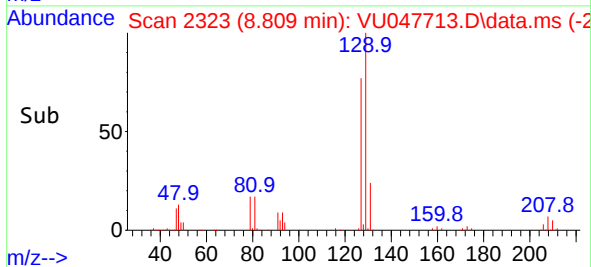
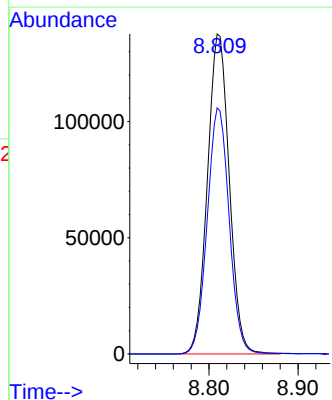
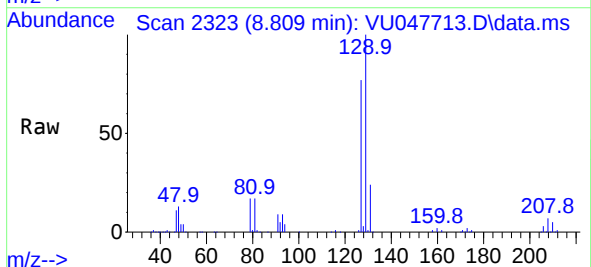
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

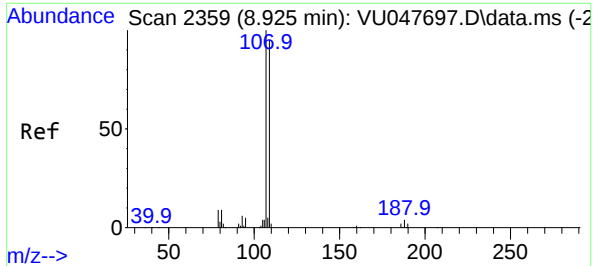
Tgt Ion: 43 Resp: 684887
Ion Ratio Lower Upper
43 100
58 59.7 48.1 72.1
57 20.0 16.2 24.4
100 13.2 11.2 16.8



#49
Dibromochloromethane
Concen: 72.914 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion: 129 Resp: 234642
Ion Ratio Lower Upper
129 100
127 76.9 54.2 100.6



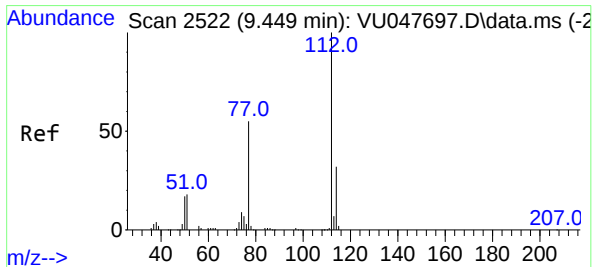
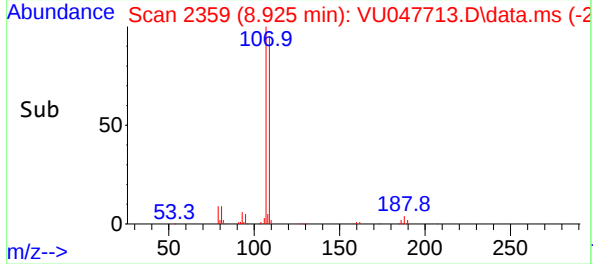
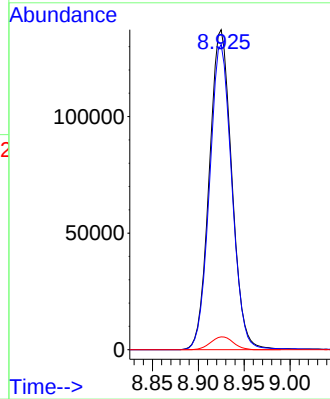
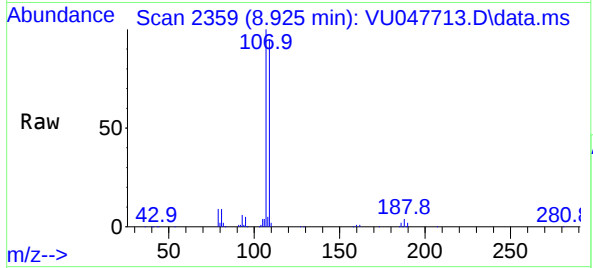


#50
1,2-Dibromoethane
Concen: 75.092 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

Tgt Ion:107 Resp: 233902

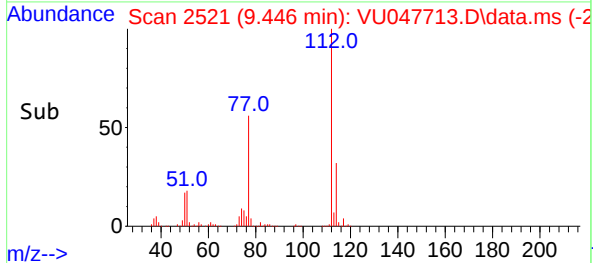
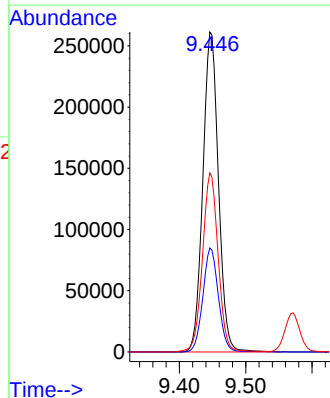
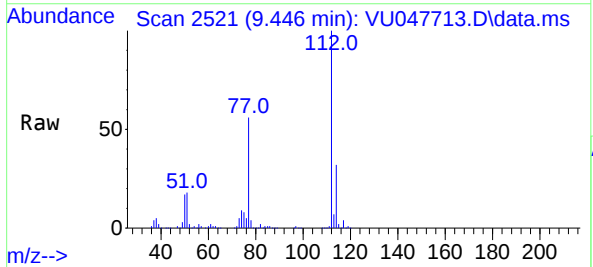
Ion	Ratio	Lower	Upper
107	100		
109	95.3	66.6	123.6
188	4.0	3.4	5.2

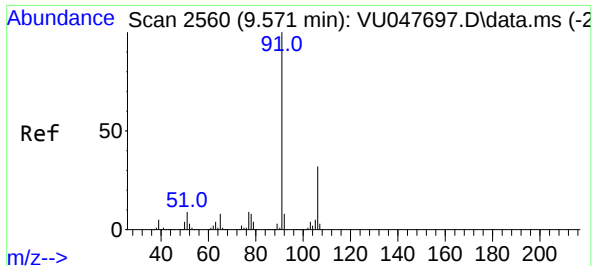


#51
Chlorobenzene
Concen: 55.520 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion:112 Resp: 426263

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.1	41.1
77	56.0	43.4	65.0

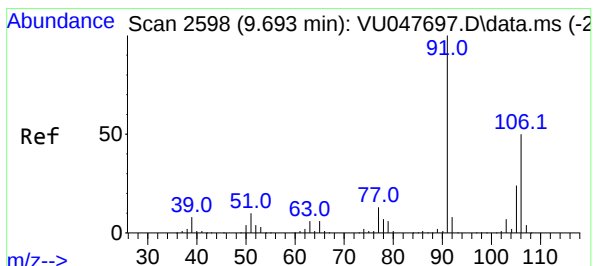
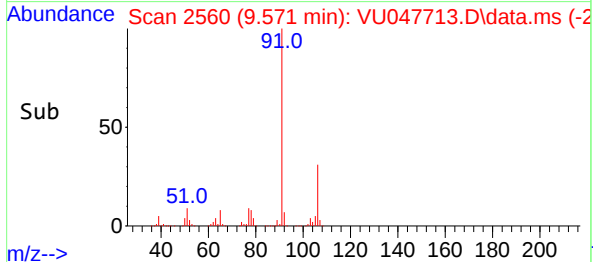
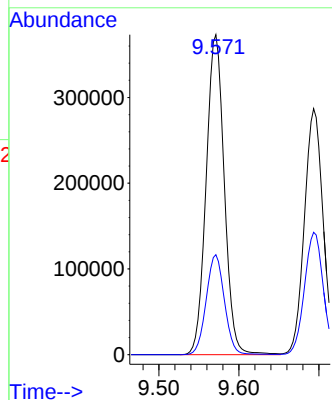
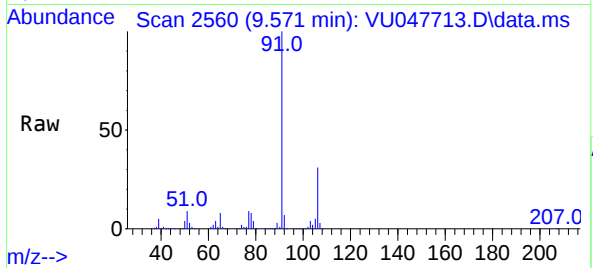




#52
Ethylbenzene
Concen: 49.659 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

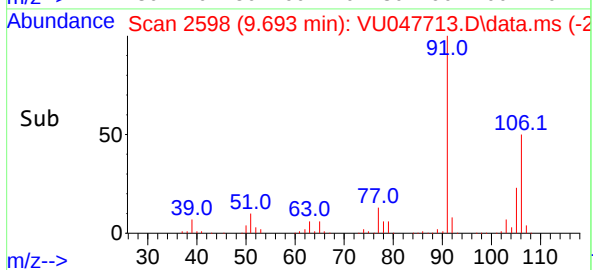
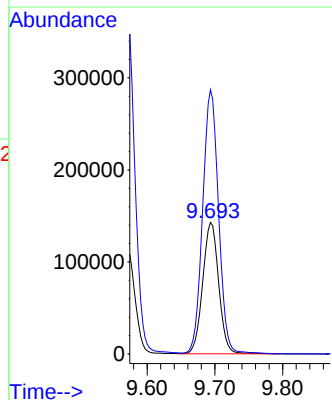
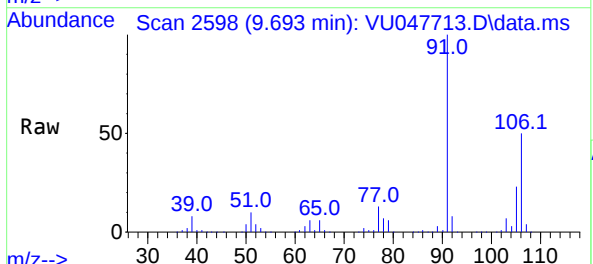
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

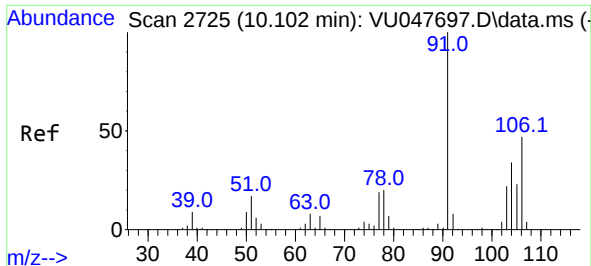
Tgt Ion: 91 Resp: 590409
Ion Ratio Lower Upper
91 100
106 31.3 22.4 41.6



#53
m,p-Xylene
Concen: 50.192 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion:106 Resp: 234152
Ion Ratio Lower Upper
106 100
91 201.0 137.7 255.7

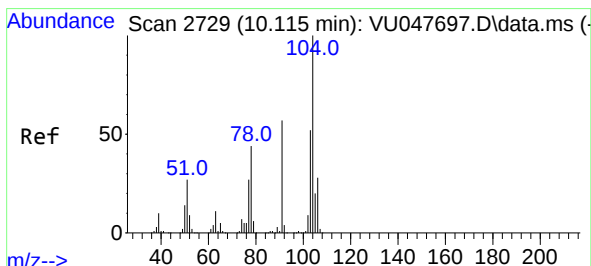
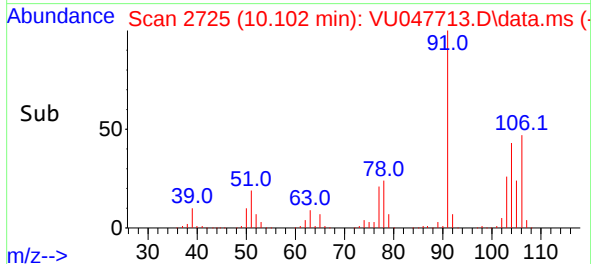
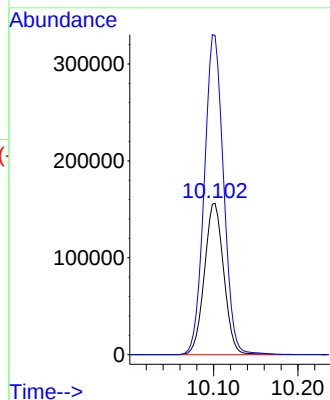
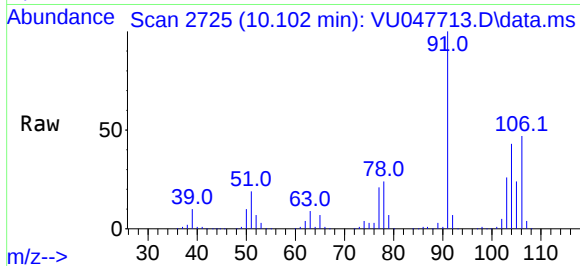




#54
o-Xylene
Concen: 54.562 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

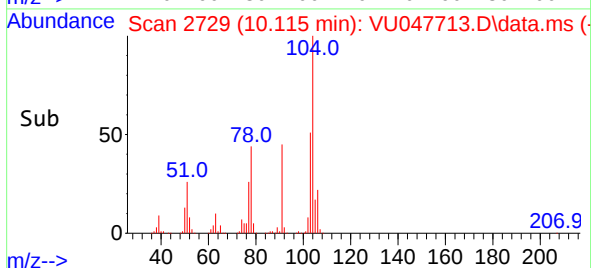
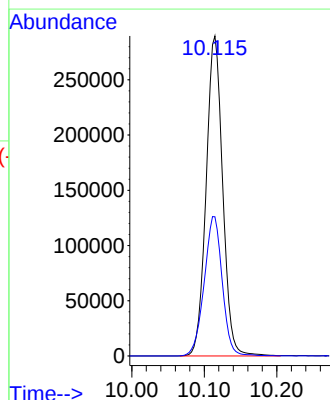
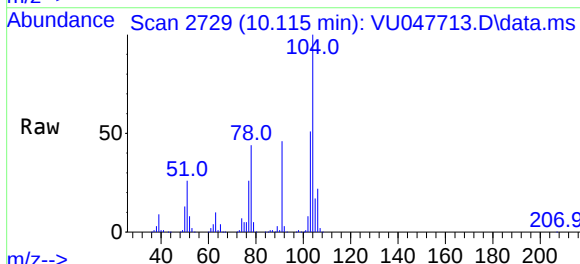
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

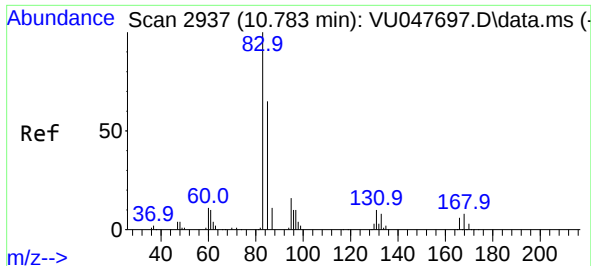
Tgt Ion:106 Resp: 249824
Ion Ratio Lower Upper
106 100
91 210.8 146.7 272.5



#55
Styrene
Concen: 58.868 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion:104 Resp: 460183
Ion Ratio Lower Upper
104 100
78 43.5 30.4 56.4

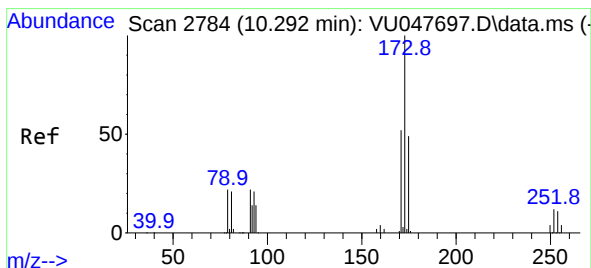
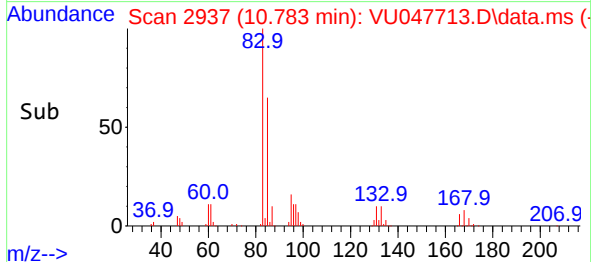
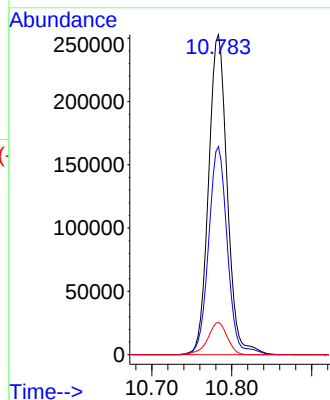
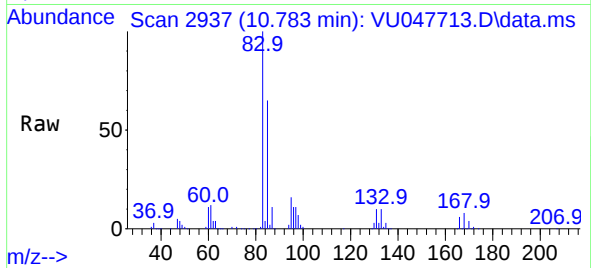




#57
1,1,2,2-Tetrachloroethane
Concen: 78.724 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

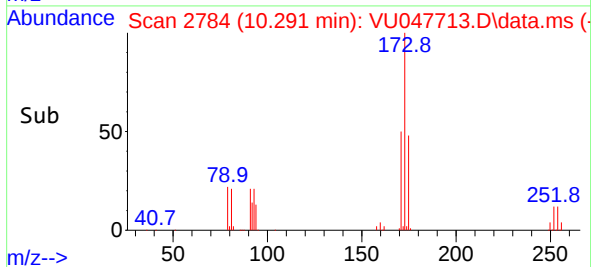
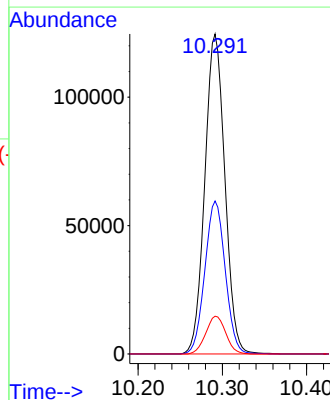
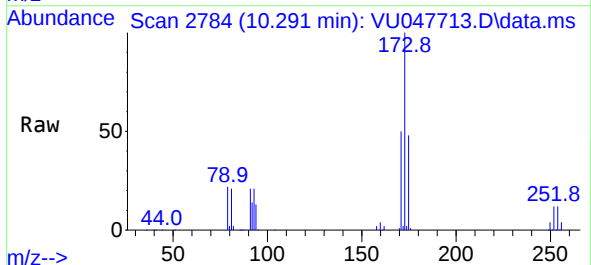
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

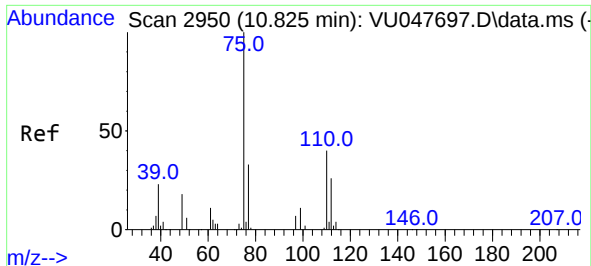
Tgt Ion:	83	Resp:	410059
Ion	Ratio	Lower	Upper
83	100		
85	65.0	44.9	83.3
131	10.1	8.6	13.0



#59
Bromoform
Concen: 78.458 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion:	173	Resp:	206508
Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.7	58.1
254	11.7	9.6	14.4

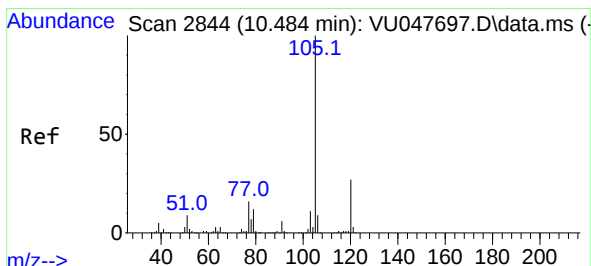
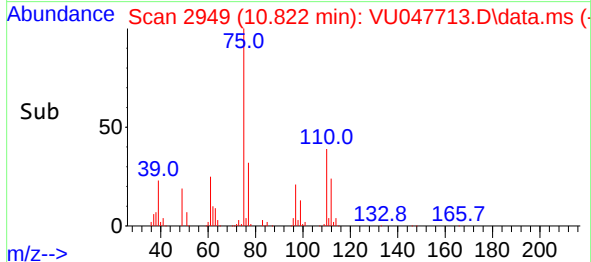
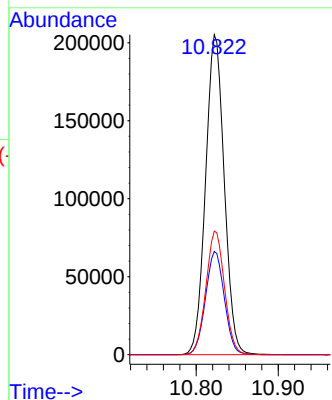
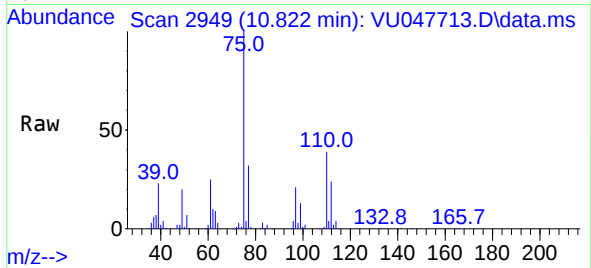




#60
1,2,3-Trichloropropane
Concen: 83.756 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

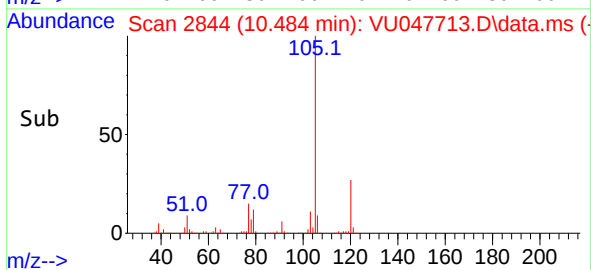
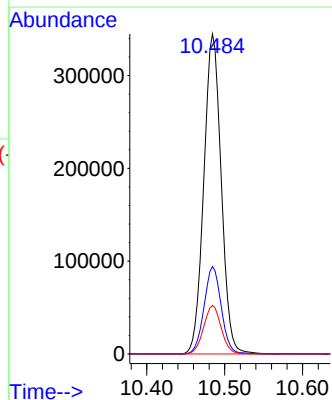
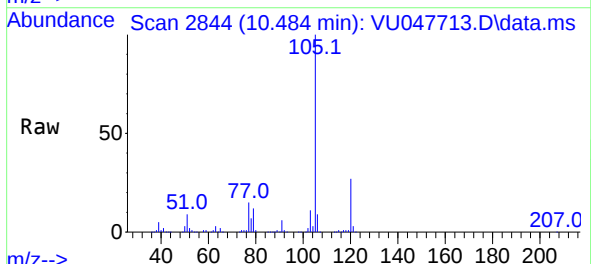
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

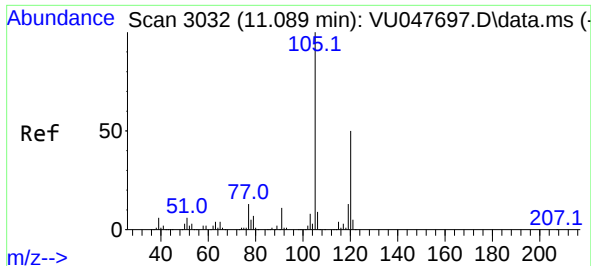
Tgt Ion: 75 Resp: 325005
Ion Ratio Lower Upper
75 100
77 32.6 26.0 39.0
110 38.5 31.4 47.2



#61
Isopropylbenzene
Concen: 48.101 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion: 105 Resp: 535098
Ion Ratio Lower Upper
105 100
120 27.0 21.9 32.9
77 15.3 12.1 18.1

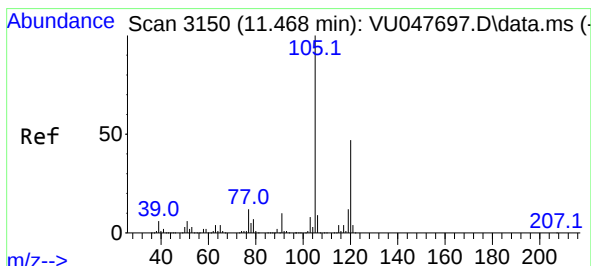
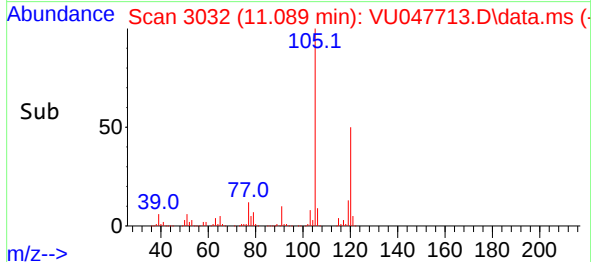
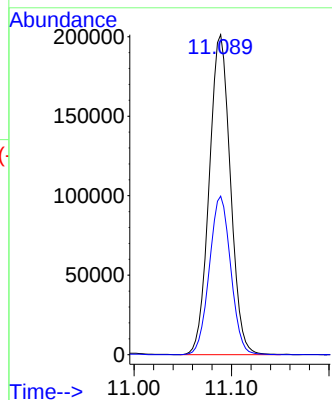
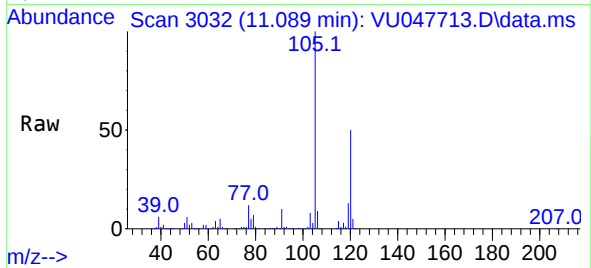




#62
1,3,5-Trimethylbenzene
Concen: 50.285 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

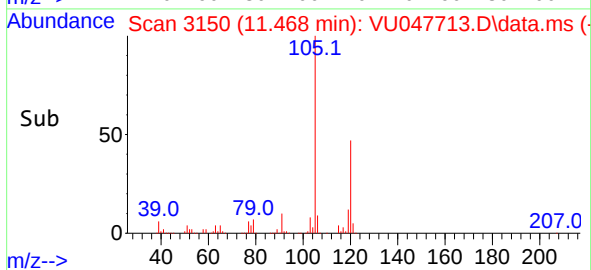
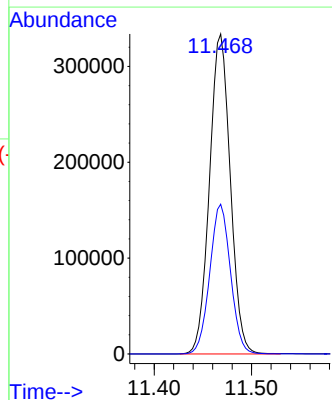
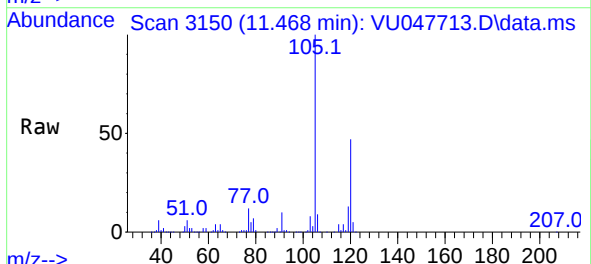
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

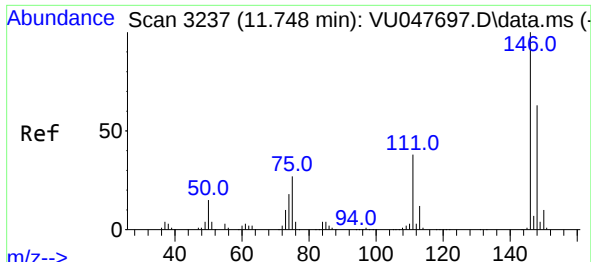
Tgt Ion:105 Resp: 303516
Ion Ratio Lower Upper
105 100
120 50.0 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 54.032 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion:105 Resp: 495384
Ion Ratio Lower Upper
105 100
120 46.7 37.6 56.4

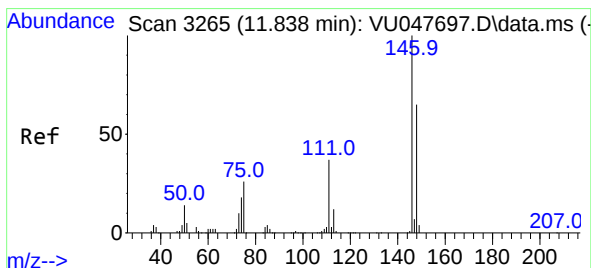
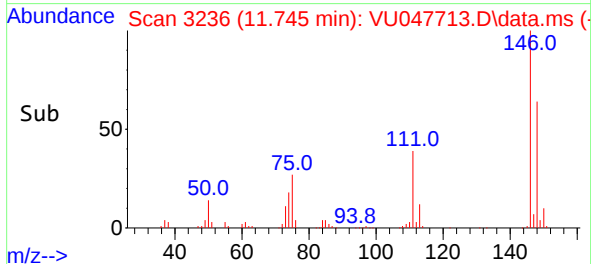
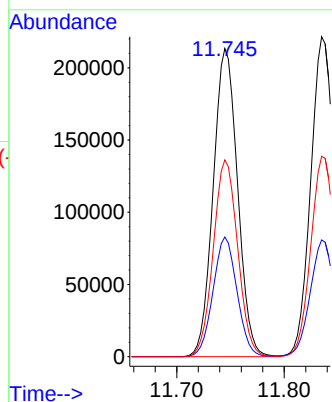
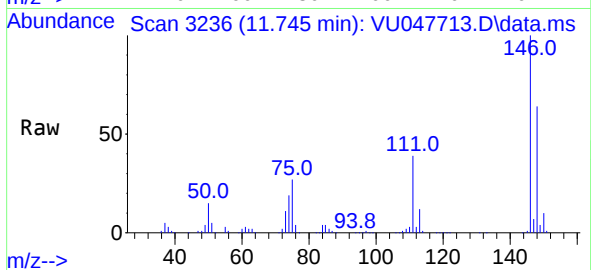




#64
1,3-Dichlorobenzene
Concen: 54.377 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

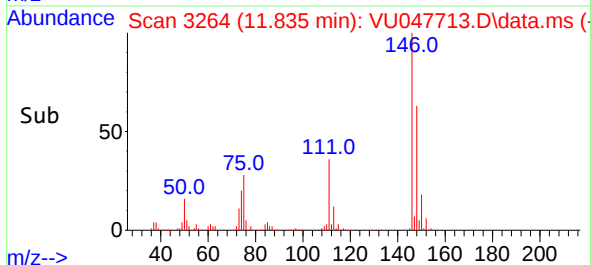
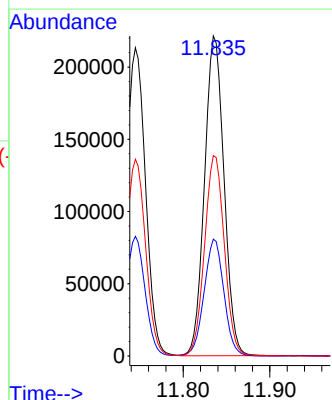
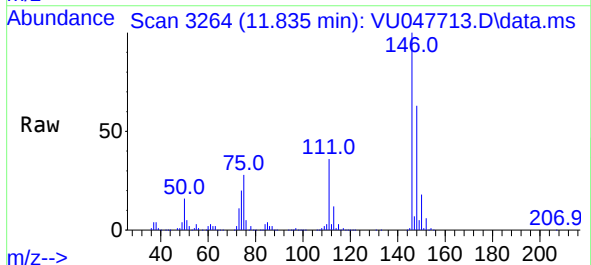
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

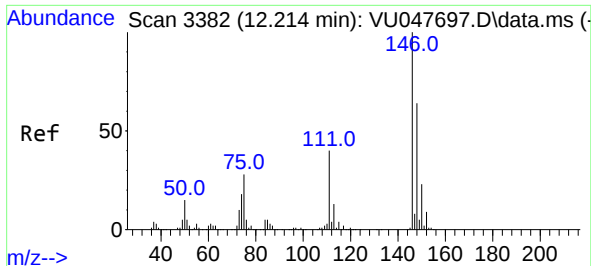
Tgt Ion:146 Resp: 336227
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.7
148 63.9 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 54.128 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion:146 Resp: 346665
Ion Ratio Lower Upper
146 100
111 36.5 25.3 47.1
148 62.6 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 60.116 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047713.D

Acq: 26 Mar 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

EW5X6MSD

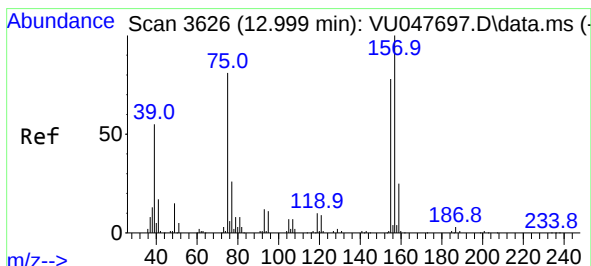
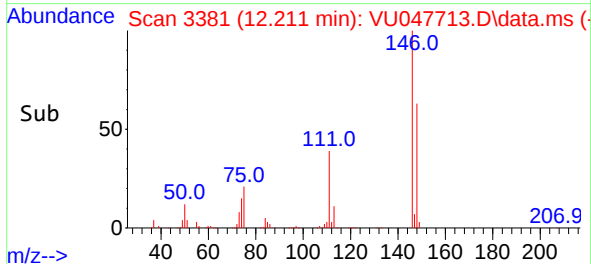
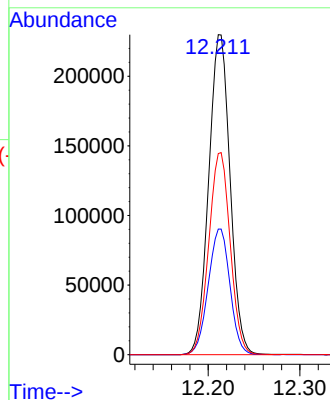
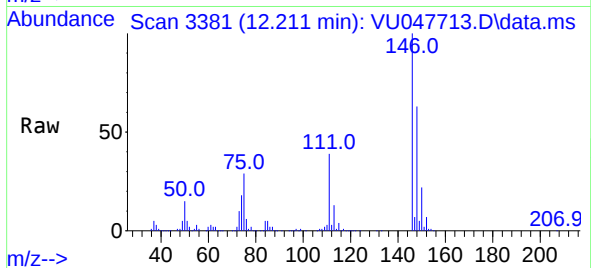
Tgt Ion:146 Resp: 371930

Ion Ratio Lower Upper

146 100

111 39.3 31.7 47.5

148 62.9 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 90.347 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU047713.D

Acq: 26 Mar 2022 16:50

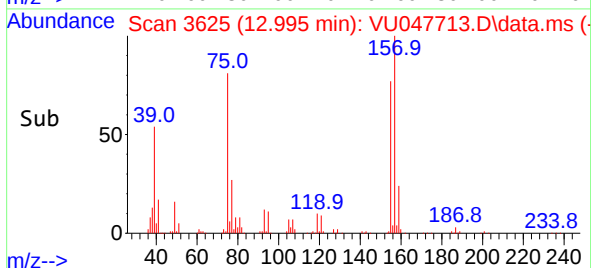
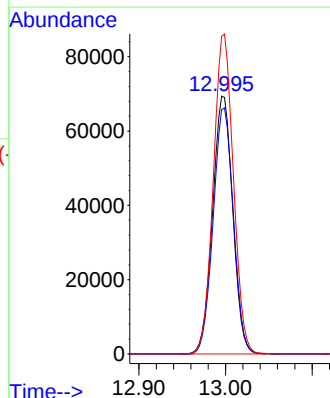
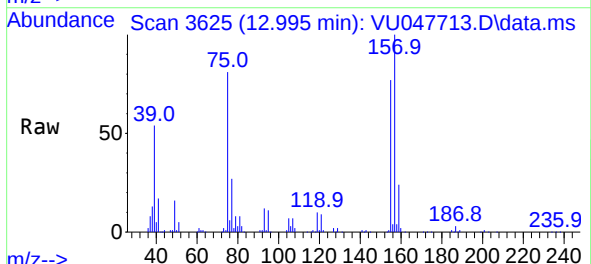
Tgt Ion: 75 Resp: 112299

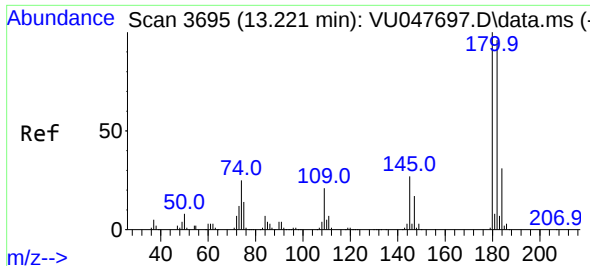
Ion Ratio Lower Upper

75 100

155 94.9 78.9 118.3

157 123.2 97.5 146.3



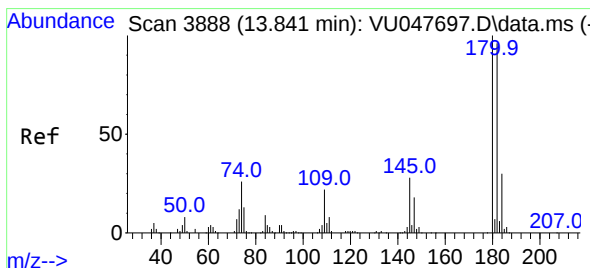
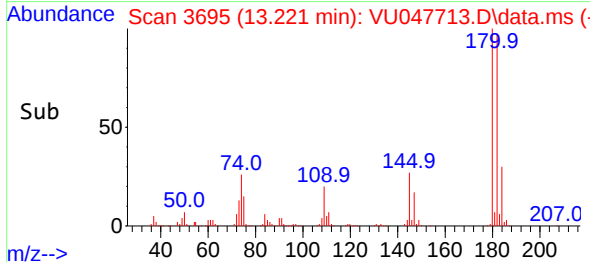
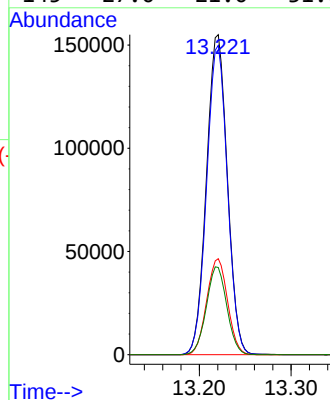
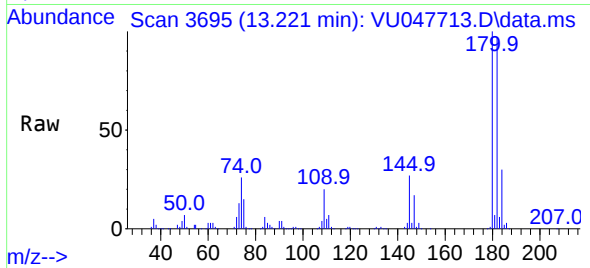


#69
 1,3,5-Trichlorobenzene
 Concen: 48.840 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047713.D
 Acq: 26 Mar 2022 16:50

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X6MSD

Tgt Ion:180 Resp: 245258

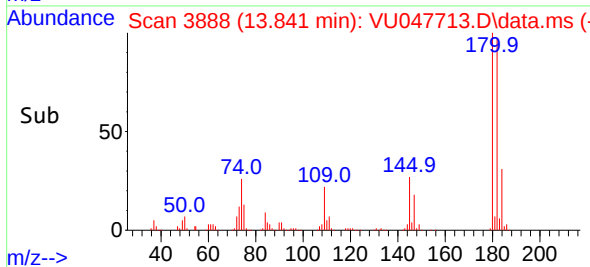
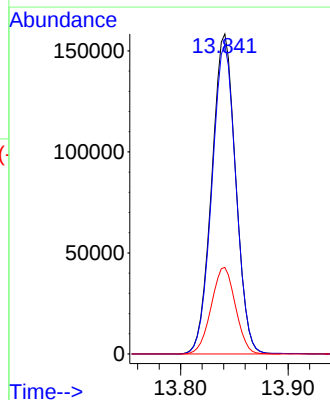
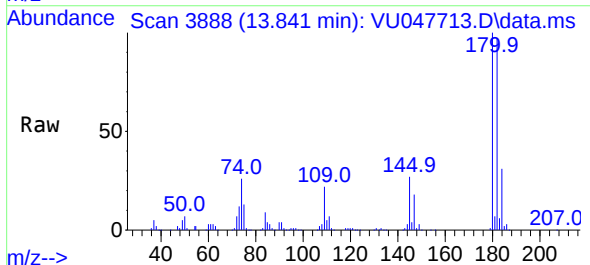
Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.0	115.6
184	30.0	24.5	36.7
145	27.0	21.0	31.6

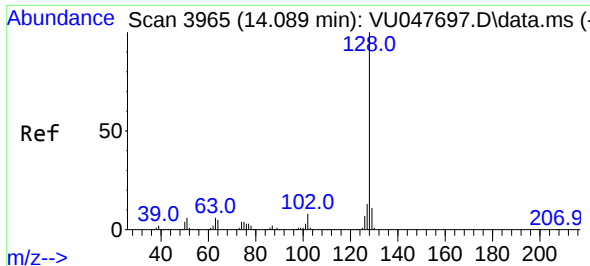


#70
 1,2,4-trichlorobenzene
 Concen: 55.585 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047713.D
 Acq: 26 Mar 2022 16:50

Tgt Ion:180 Resp: 244492

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.2	114.2
145	27.4	21.8	32.8

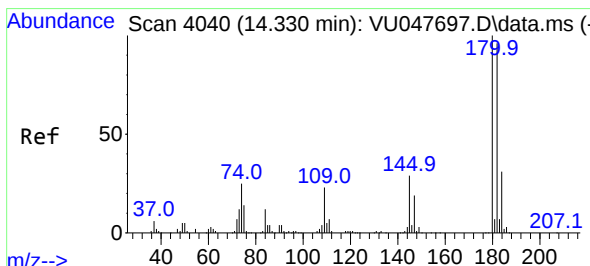
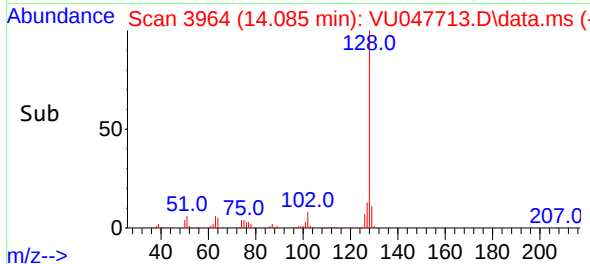
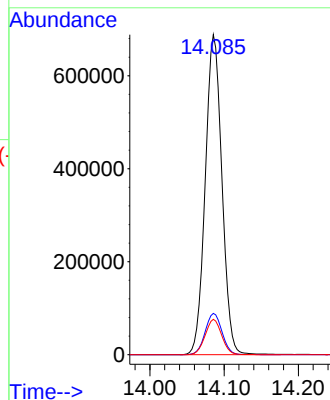
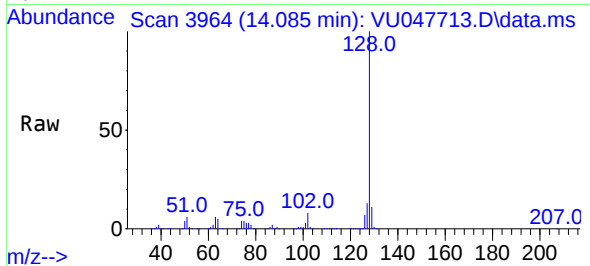




#71
Naphthalene
Concen: 81.704 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

Tgt Ion:128 Resp: 1071439
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 61.028 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047713.D
Acq: 26 Mar 2022 16:50

Tgt Ion:180 Resp: 269097
Ion Ratio Lower Upper
180 100
182 95.9 77.4 116.0
145 29.1 22.8 34.2

