

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047650.D
 Acq On : 24 Mar 2022 22:16
 Operator : SY/MD
 Sample : N2081-09MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X6MSD

Quant Time: Mar 24 23:51:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	199572	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	205889	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	121463	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	67328	46.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.040%
7) Chloroethane-d5	1.919	69	53973	47.297	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.575	63	113301	42.790	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.580%
21) 2-Butanone-d5	4.639	46	140897	113.427	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.430%
24) Chloroform-d	5.067	84	126777	47.876	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.760%
26) 1,2-Dichloroethane-d4	5.706	65	78424	48.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.580%
32) Benzene-d6	5.729	84	253012	48.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
36) 1,2-Dichloropropane-d6	6.694	67	79379	49.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.780%
41) Toluene-d8	7.899	98	242661	48.075	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.140%
43) trans-1,3-Dichloroprop...	8.182	79	38467	47.722	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.440%
47) 2-Hexanone-d5	8.636	63	99973	107.336	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	128944	47.223	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.440%
66) 1,2-Dichlorobenzene-d4	12.192	152	104630	48.419	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	45769	24.737	ug/L	100
3) Chloromethane	1.523	50	50816	28.719	ug/L	98
5) Vinyl chloride	1.607	62	50176	27.804	ug/L	100
6) Bromomethane	1.861	94	28460	29.301	ug/L	94
8) Chloroethane	1.938	64	30442	26.872	ug/L	99
9) Trichlorofluoromethane	2.144	101	62413	24.526	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	35681	24.257	ug/L	100
12) 1,1-Dichloroethene	2.584	96	43636	31.875	ug/L	88
13) Acetone	2.652	43	68427	59.194	ug/L	99
14) Carbon disulfide	2.800	76	121462	28.069	ug/L	100
15) Methyl Acetate	2.961	43	51686	28.040	ug/L	98
16) Methylene chloride	3.051	84	44588	28.383	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	41385	28.028	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	109710	26.336	ug/L	100
19) 1,1-Dichloroethane	3.874	63	170979	67.141	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	89290	55.159	ug/L	91
22) 2-Butanone	4.719	43	87546	58.792	ug/L	99
23) Bromochloromethane	4.980	128	25628	28.835	ug/L	97
25) Chloroform	5.092	83	78120	28.493	ug/L	97

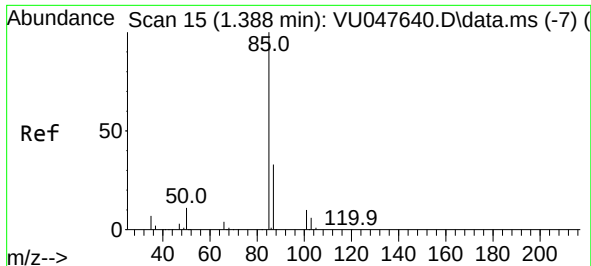
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
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 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	58279	27.513	ug/L	97
29) Cyclohexane	5.391	56	55156	26.401	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	386931	165.740	ug/L	99
31) Carbon tetrachloride	5.526	117	54333	25.773	ug/L	100
33) Benzene	5.777	78	164536	27.609	ug/L	100
34) Trichloroethene	6.542	95	50698	32.449	ug/L	100
35) Methylcyclohexane	6.764	83	60135	25.299	ug/L	99
37) 1,2-Dichloropropane	6.793	63	41617	27.470	ug/L	100
38) Bromodichloromethane	7.108	83	58499	28.119	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	62428	26.557	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	139228	58.146	ug/L	98
42) Toluene	7.970	91	176754	27.031	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	64582	27.516	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	44913	27.953	ug/L	98
46) Tetrachloroethene	8.555	164	56822	40.470	ug/L	99
48) 2-Hexanone	8.687	43	126365	61.352	ug/L	97
49) Dibromochloromethane	8.812	129	48960	26.309	ug/L	98
50) 1,2-Dibromoethane	8.925	107	49308	27.374	ug/L	98
51) Chlorobenzene	9.449	112	118019	26.581	ug/L	99
52) Ethylbenzene	9.571	91	173205	25.191	ug/L	100
53) m,p-Xylene	9.693	106	67361	24.969	ug/L	92
54) o-Xylene	10.102	106	66463	25.101	ug/L	96
55) Styrene	10.115	104	116241	25.713	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	82725	27.463	ug/L	99
59) Bromoform	10.291	173	42339	27.260	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	64949	28.365	ug/L	100
61) Isopropylbenzene	10.484	105	173475	26.426	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	91875	25.795	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	143405	26.507	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	97460	26.711	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	97901	25.905	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	101228	27.727	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	20938	28.547	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	77043	25.999	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	71537	27.562	ug/L	99
71) Naphthalene	14.089	128	238405	30.809	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	78714	30.252	ug/L	99

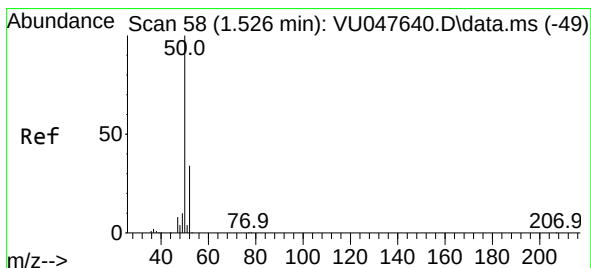
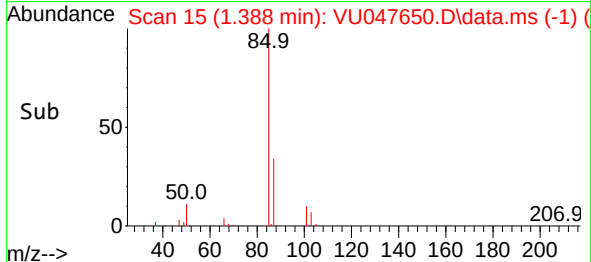
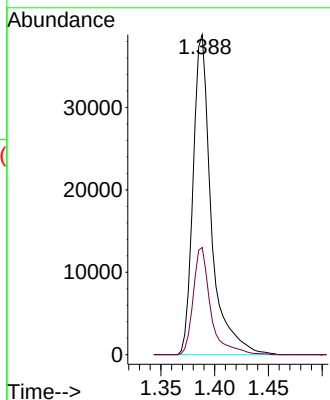
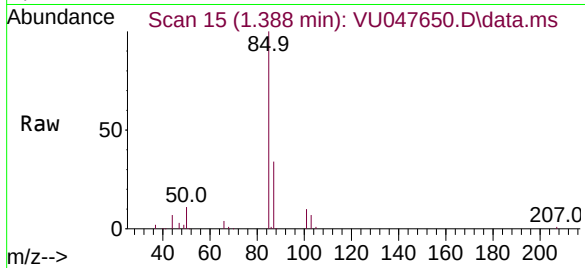
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 24.737 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

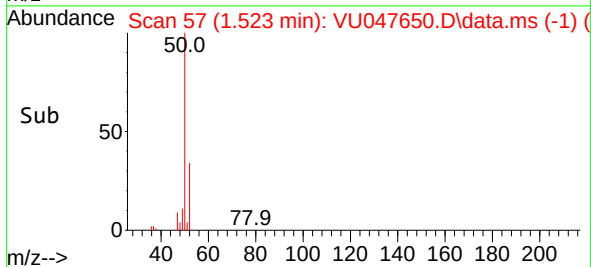
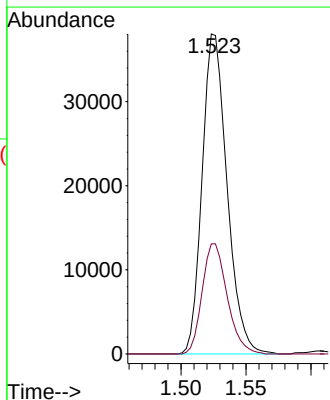
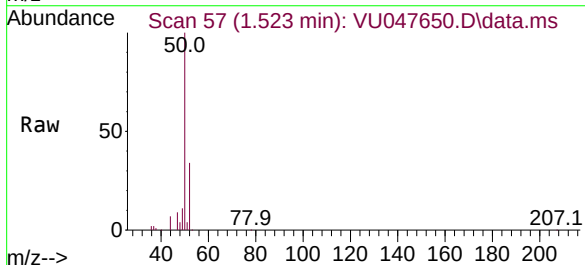
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

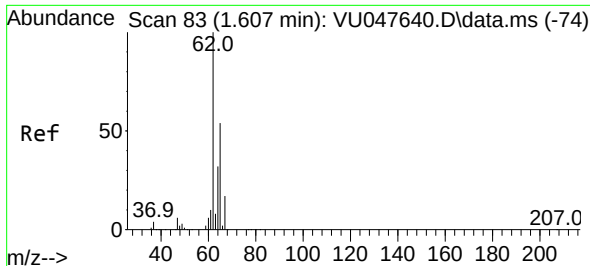
Tgt Ion: 85 Resp: 45769
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.8



#3
Chloromethane
Concen: 28.719 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Tgt Ion: 50 Resp: 50816
Ion Ratio Lower Upper
50 100
52 34.4 23.2 43.2

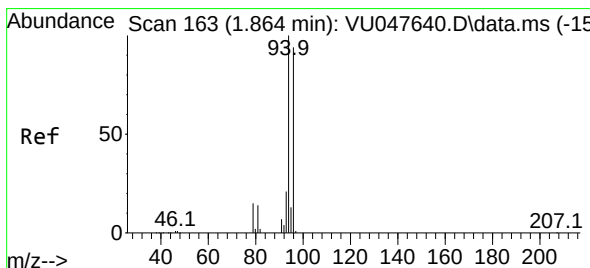
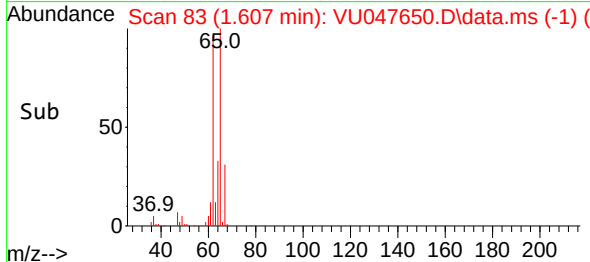
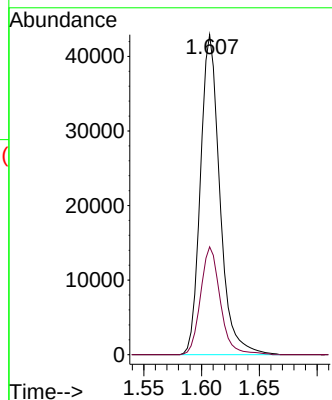
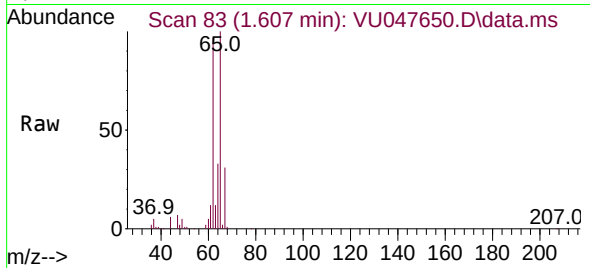




#5
 Vinyl chloride
 Concen: 27.804 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047650.D
 Acq: 24 Mar 2022 22:16

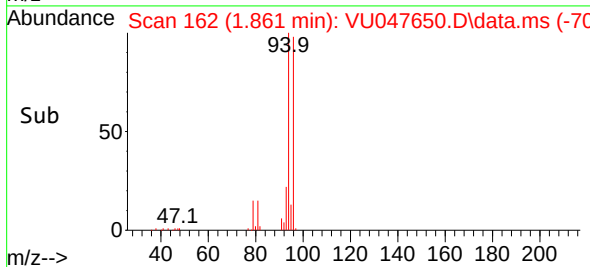
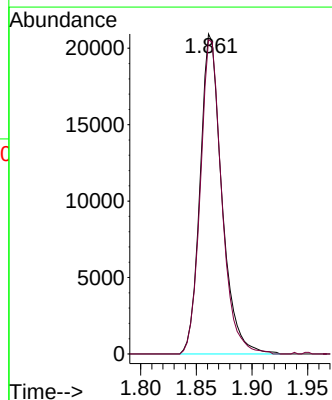
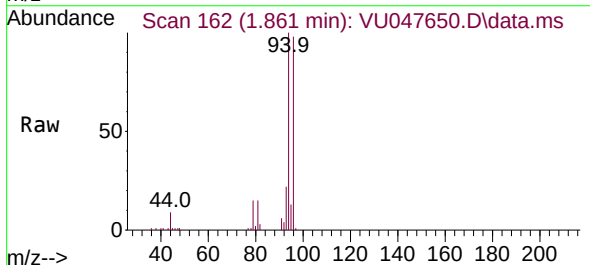
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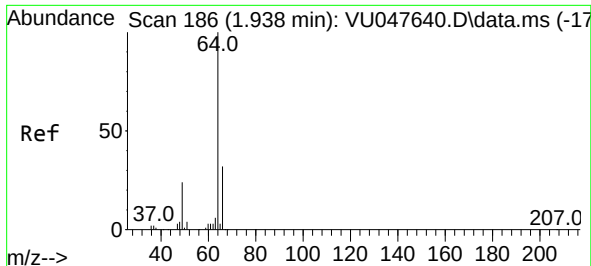
Tgt Ion: 62 Resp: 50176
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.7 43.9



#6
 Bromomethane
 Concen: 29.301 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047650.D
 Acq: 24 Mar 2022 22:16

Tgt Ion: 94 Resp: 28460
 Ion Ratio Lower Upper
 94 100
 96 98.1 64.8 120.3

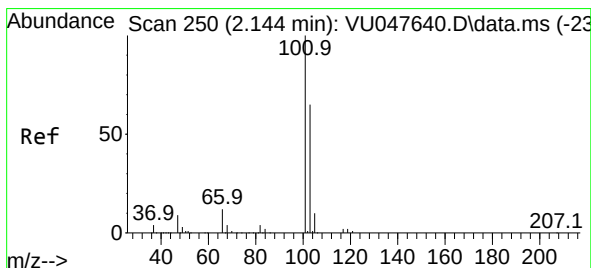
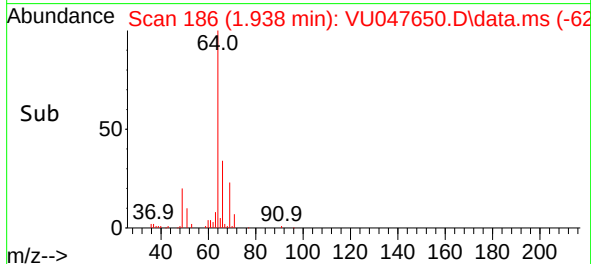
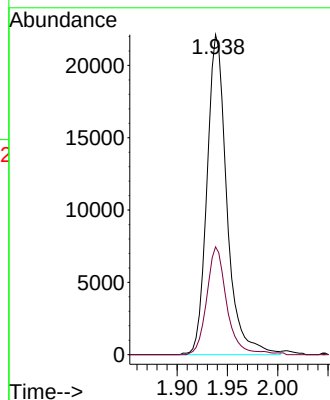
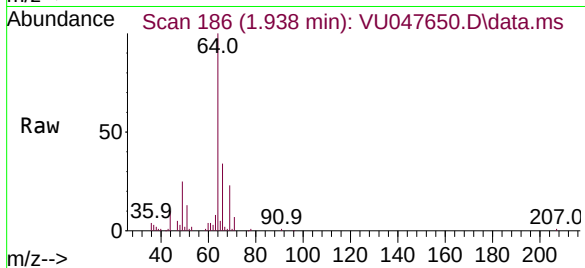




#8
Chloroethane
Concen: 26.872 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

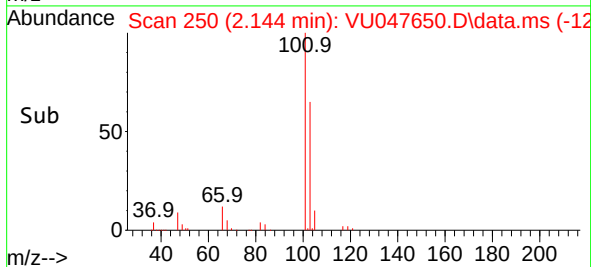
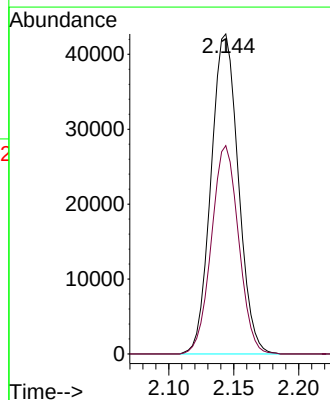
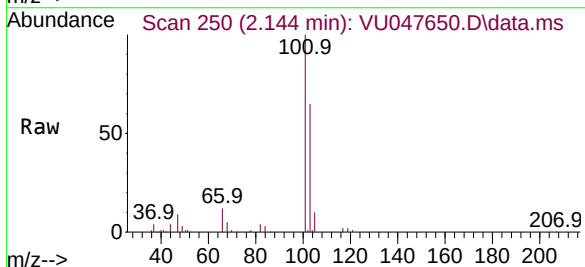
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ClientSampleId :
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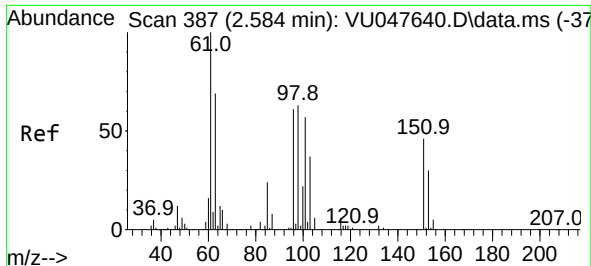
Tgt Ion: 64 Resp: 30442
Ion Ratio Lower Upper
64 100
66 33.7 23.3 43.3



#9
Trichlorofluoromethane
Concen: 24.526 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Tgt Ion: 101 Resp: 62413
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

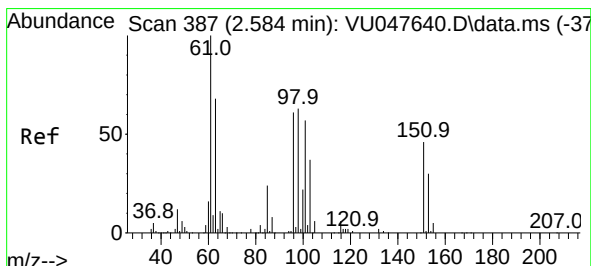
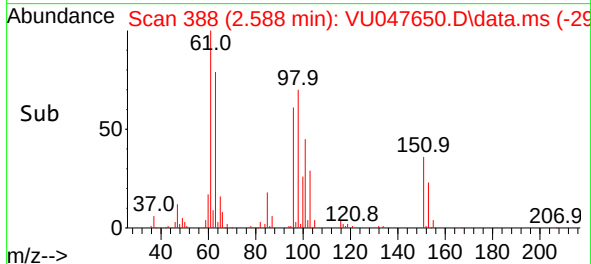
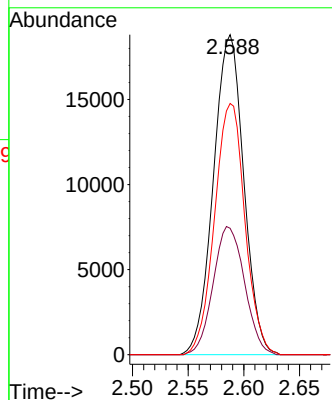
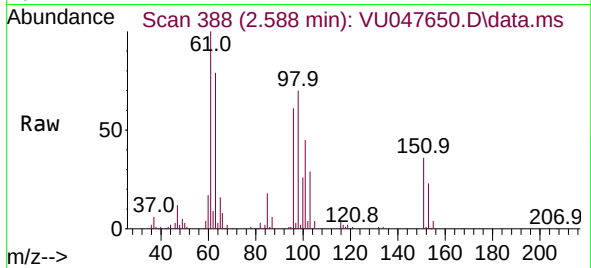




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.257 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU047650.D
 Acq: 24 Mar 2022 22:16

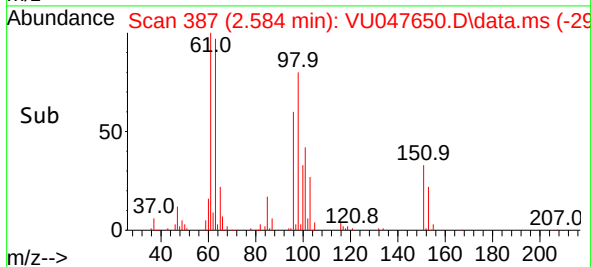
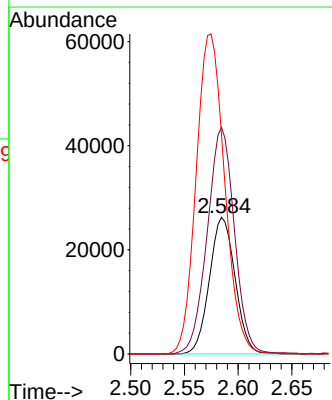
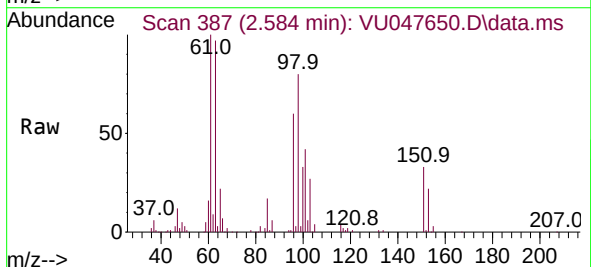
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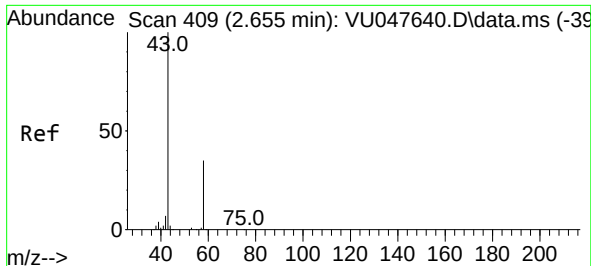
Tgt Ion:101 Resp: 35681
 Ion Ratio Lower Upper
 101 100
 85 41.4 32.8 49.2
 151 78.5 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 31.875 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047650.D
 Acq: 24 Mar 2022 22:16

Tgt Ion: 96 Resp: 43636
 Ion Ratio Lower Upper
 96 100
 61 166.0 113.1 210.1
 63 160.9 94.8 176.0





#13

Acetone

Concen: 59.194 ug/L

RT: 2.652 min Scan# 409

Delta R.T. -0.003 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

Instrument :

MSVOA_U

ClientSampleId :

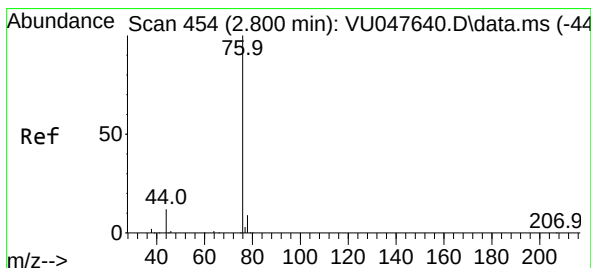
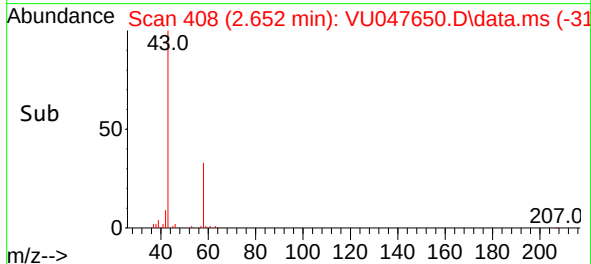
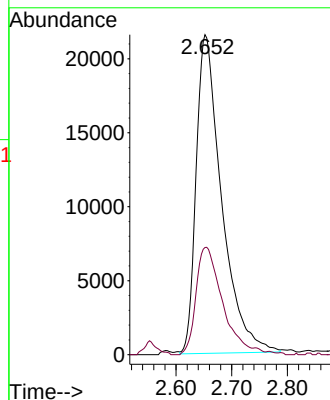
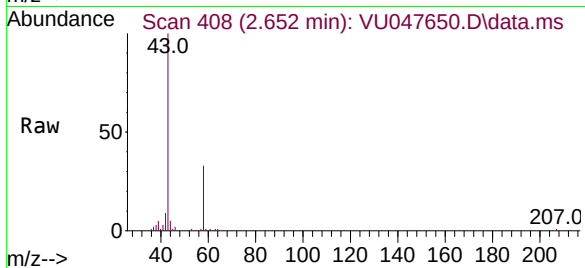
EW5X6MSD

Tgt Ion: 43 Resp: 68427

Ion Ratio Lower Upper

43 100

58 34.5 0.0 70.0



#14

Carbon disulfide

Concen: 28.069 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047650.D

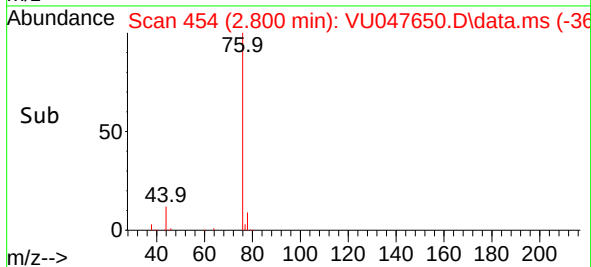
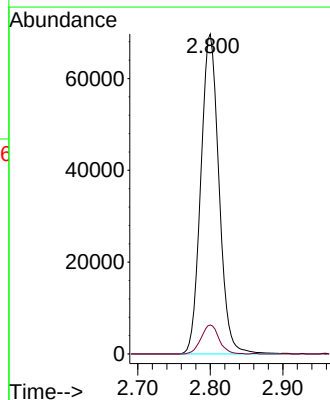
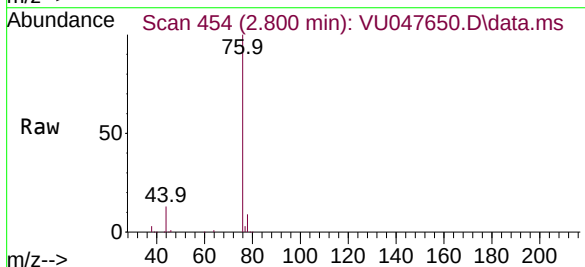
Acq: 24 Mar 2022 22:16

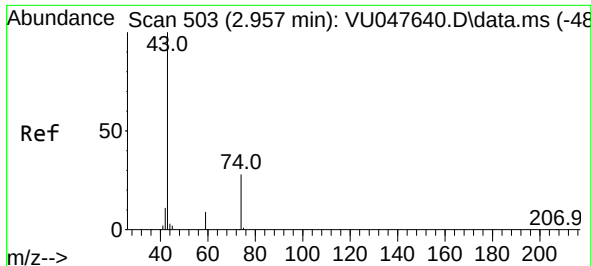
Tgt Ion: 76 Resp: 121462

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

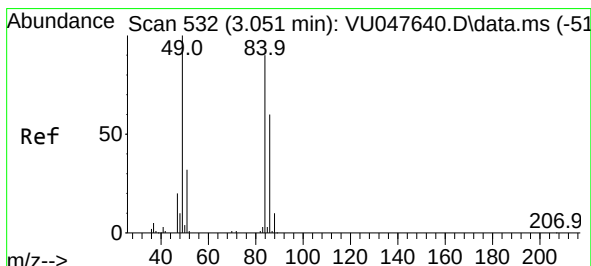
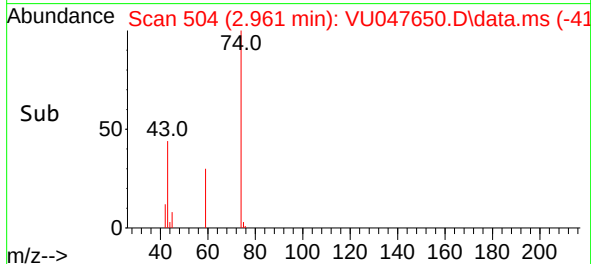
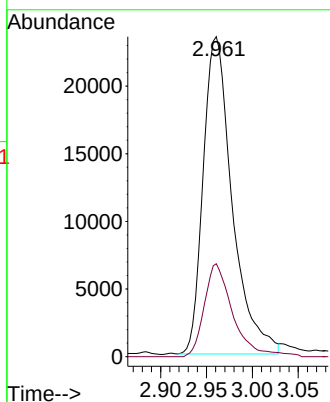
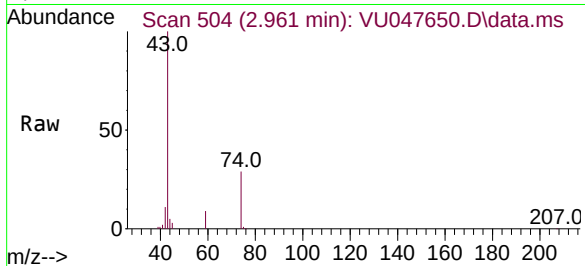




#15
Methyl Acetate
Concen: 28.040 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

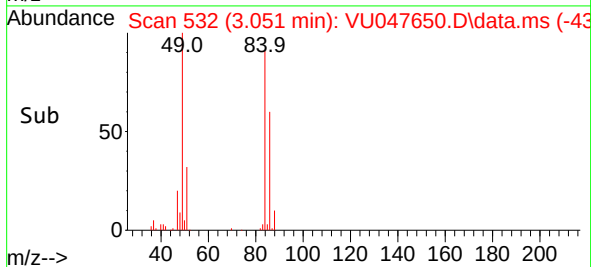
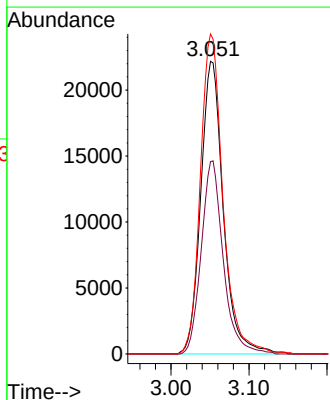
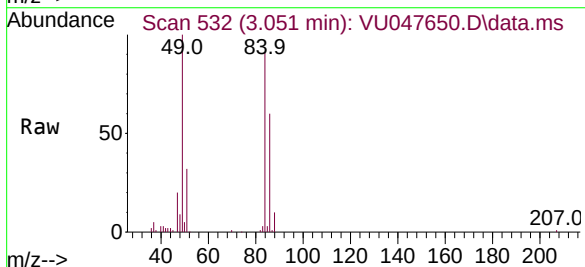
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

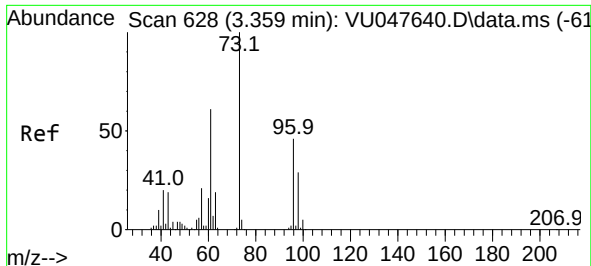
Tgt Ion: 43 Resp: 51686
Ion Ratio Lower Upper
43 100
74 28.8 22.2 33.2



#16
Methylene chloride
Concen: 28.383 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Tgt Ion: 84 Resp: 44588
Ion Ratio Lower Upper
84 100
86 65.7 46.0 85.4
49 109.3 75.3 139.8

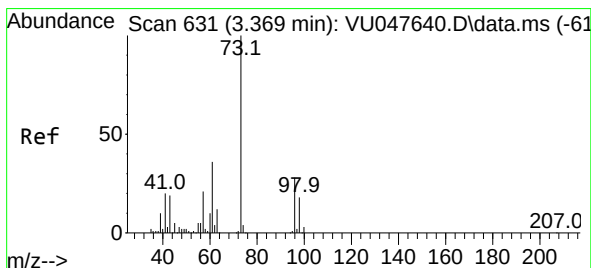
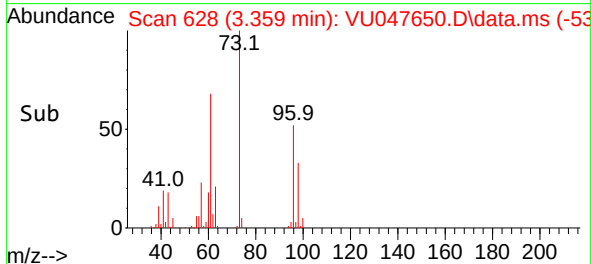
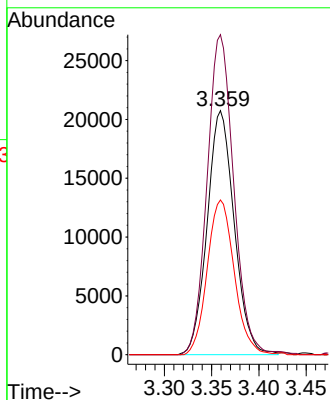
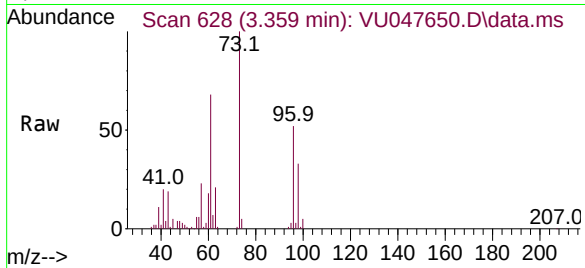




#17
trans-1,2-Dichloroethene
Concen: 28.028 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

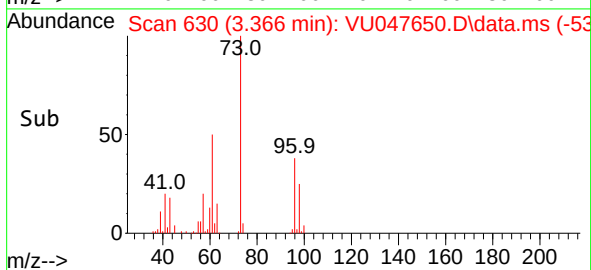
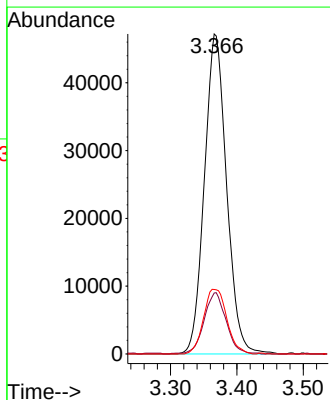
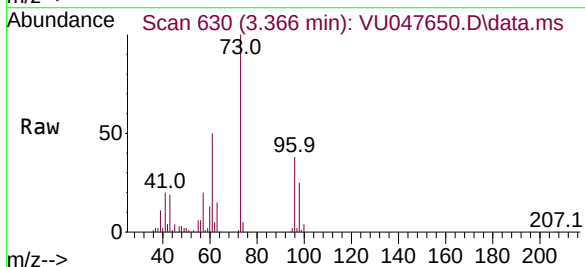
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

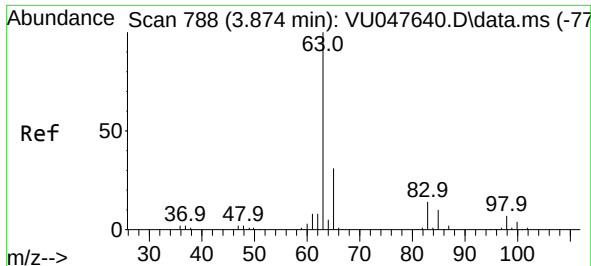
Tgt Ion: 96 Resp: 41385
Ion Ratio Lower Upper
96 100
61 131.1 88.4 164.2
98 63.4 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 26.336 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Tgt Ion: 73 Resp: 109710
Ion Ratio Lower Upper
73 100
43 19.0 15.3 22.9
57 21.2 17.0 25.6





#19

1,1-Dichloroethane

Concen: 67.141 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

Instrument :

MSVOA_U

ClientSampleId :

EW5X6MSD

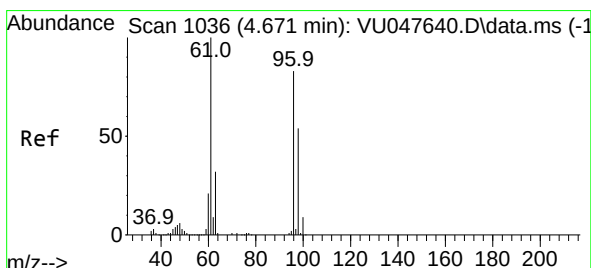
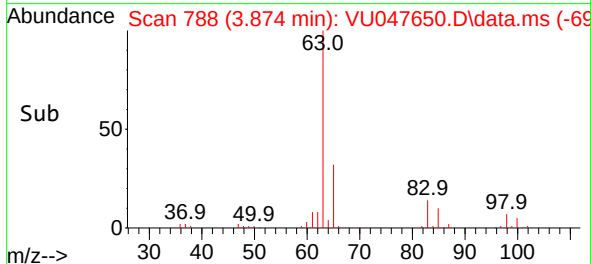
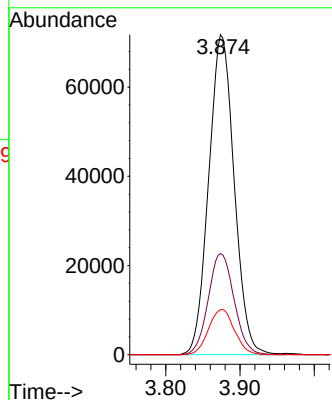
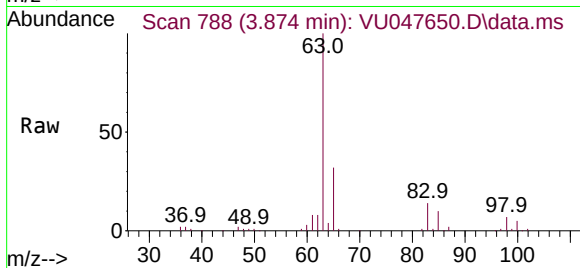
Tgt Ion: 63 Resp: 170979

Ion Ratio Lower Upper

63 100

65 31.6 22.0 41.0

83 14.1 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 55.159 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

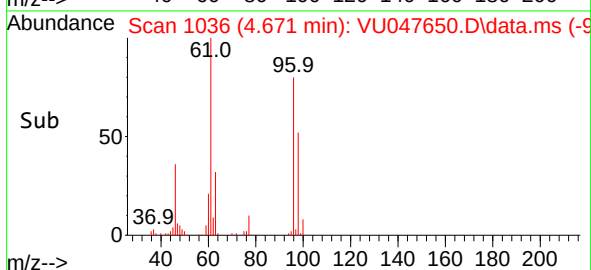
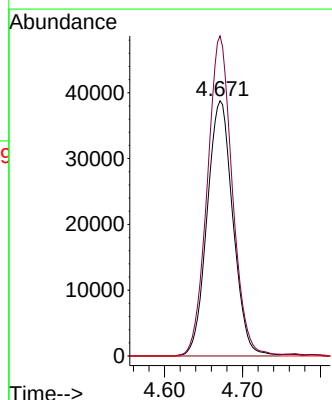
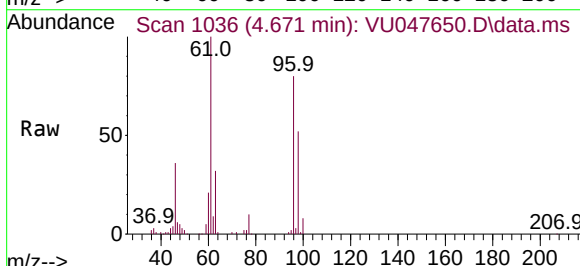
Tgt Ion: 96 Resp: 89290

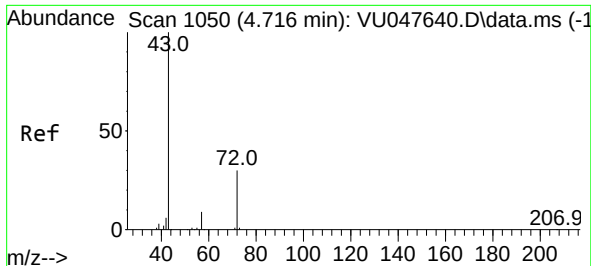
Ion Ratio Lower Upper

96 100

61 125.4 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 58.792 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.003 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

Instrument :

MSVOA_U

ClientSampleId :

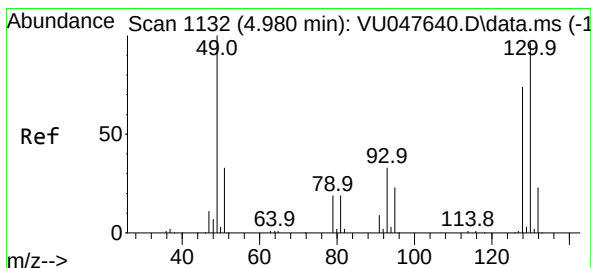
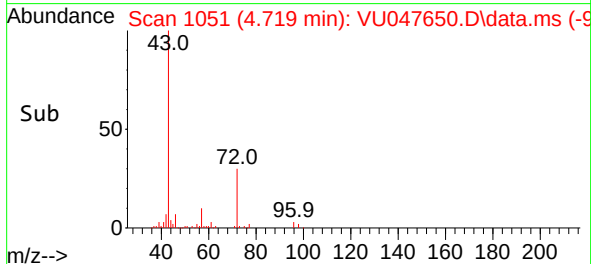
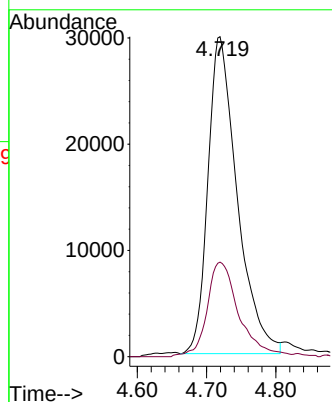
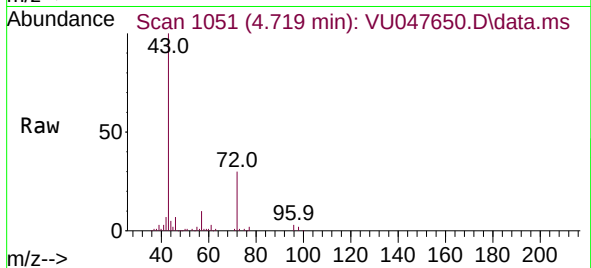
EW5X6MSD

Tgt Ion: 43 Resp: 87546

Ion Ratio Lower Upper

43 100

72 32.4 16.0 47.9



#23

Bromochloromethane

Concen: 28.835 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

Tgt Ion: 128 Resp: 25628

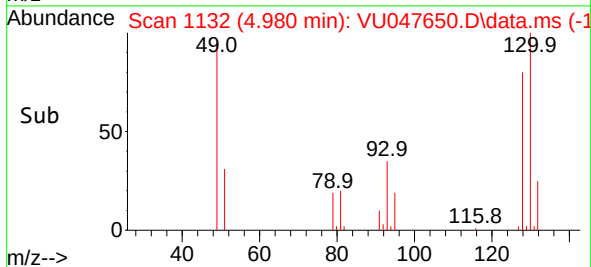
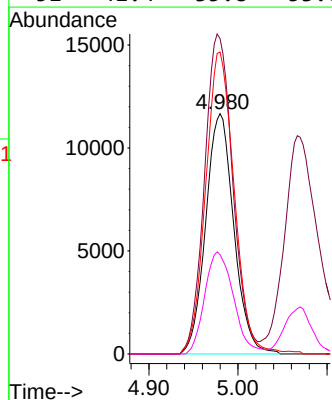
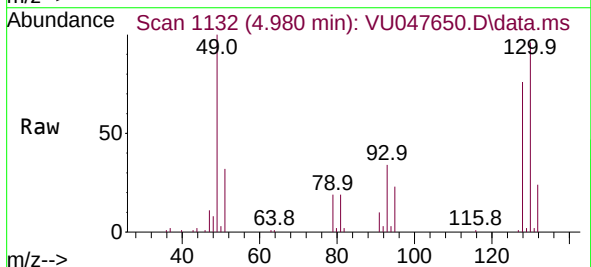
Ion Ratio Lower Upper

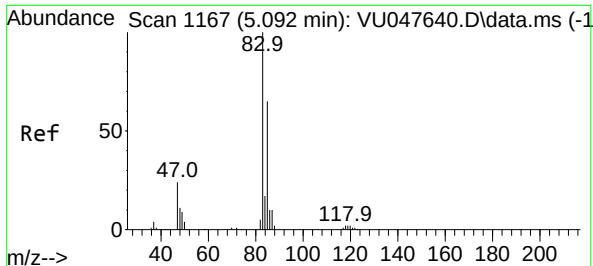
128 100

49 131.2 94.1 174.8

130 125.6 90.2 167.4

51 41.4 35.8 53.6





#25

Chloroform

Concen: 28.493 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

Instrument :

MSVOA_U

ClientSampleId :

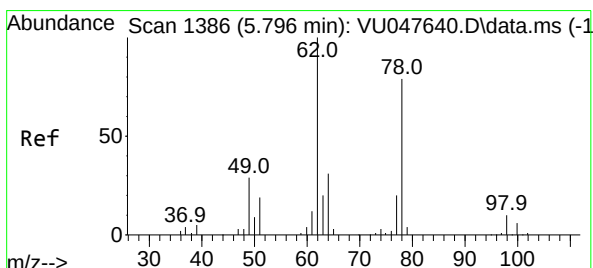
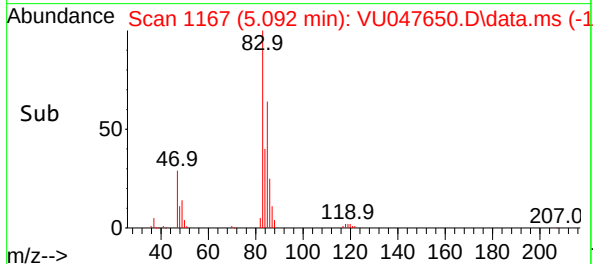
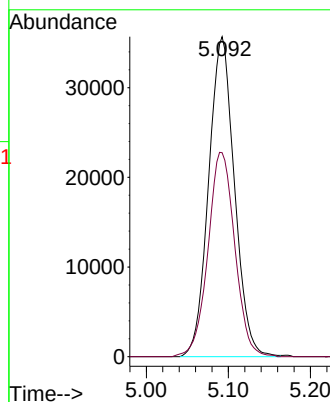
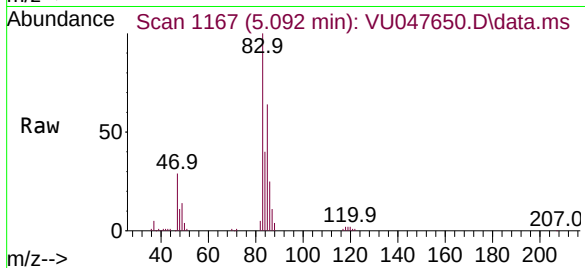
EW5X6MSD

Tgt Ion: 83 Resp: 78120

Ion Ratio Lower Upper

83 100

85 63.7 46.2 85.8



#27

1,2-Dichloroethane

Concen: 27.513 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU047650.D

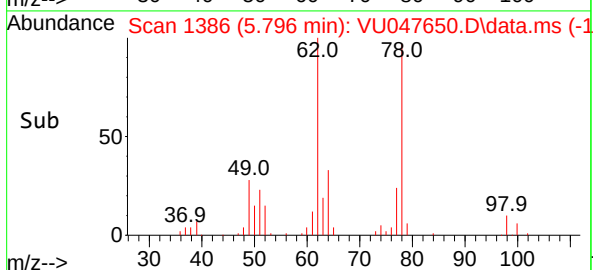
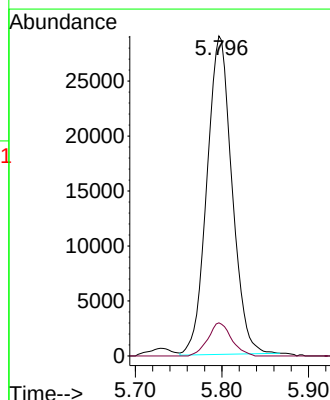
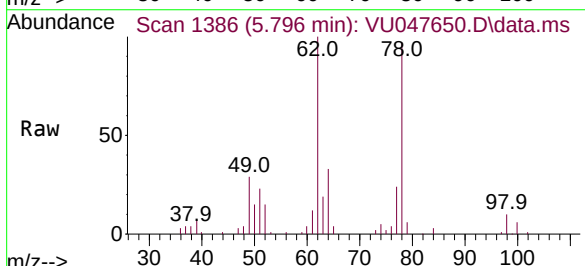
Acq: 24 Mar 2022 22:16

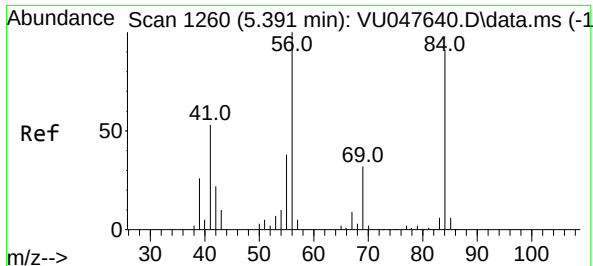
Tgt Ion: 62 Resp: 58279

Ion Ratio Lower Upper

62 100

98 10.3 7.4 11.0





#29

Cyclohexane

Concen: 26.401 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

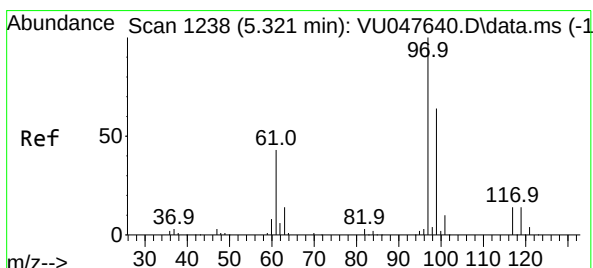
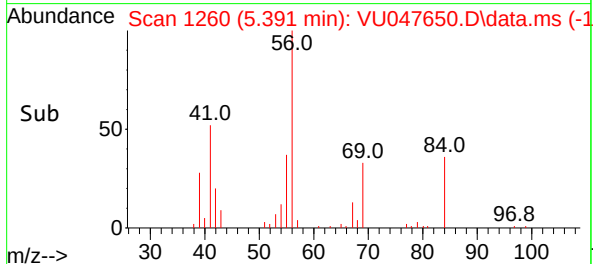
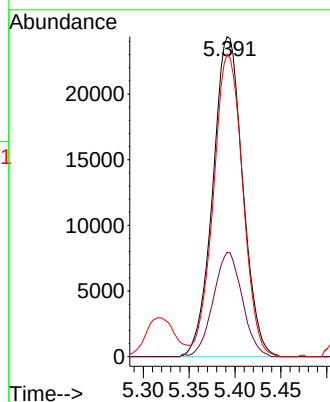
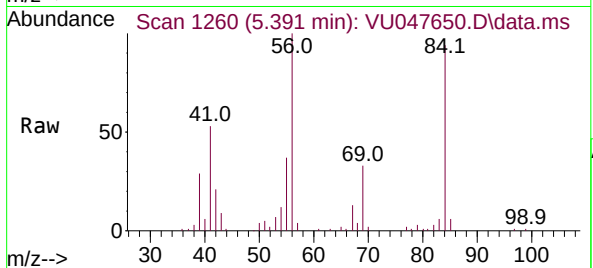
Instrument :

MSVOA_U

ClientSampleId :

EW5X6MSD

Tgt Ion:	56	Resp:	55156
Ion Ratio	Lower	Upper	
56	100		
69	31.6	25.4	38.2
84	93.0	77.0	115.6



#30

1,1,1-Trichloroethane

Concen: 165.740 ug/L

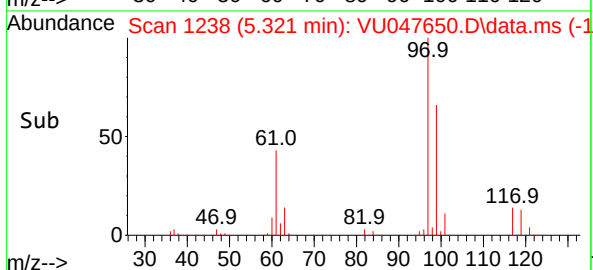
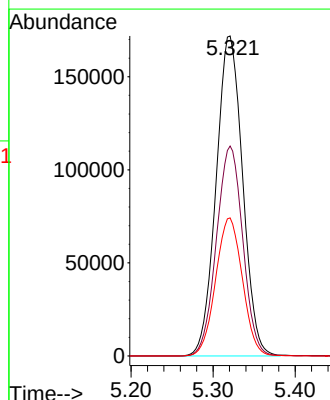
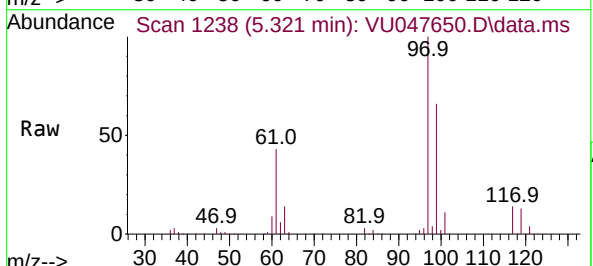
RT: 5.321 min Scan# 1238

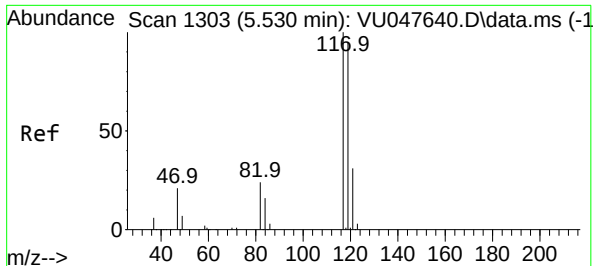
Delta R.T. 0.000 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

Tgt Ion:	97	Resp:	386931
Ion Ratio	Lower	Upper	
97	100		
99	65.2	51.6	77.4
61	43.5	34.2	51.4

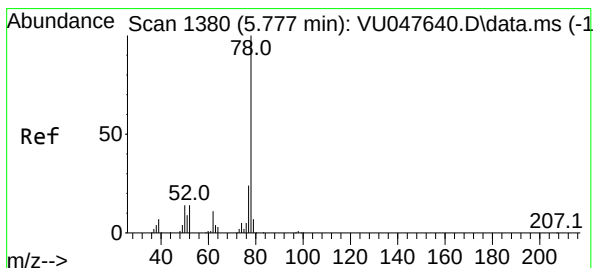
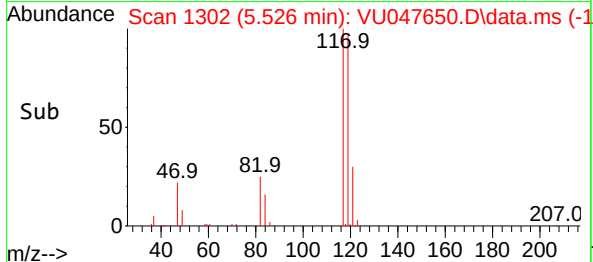
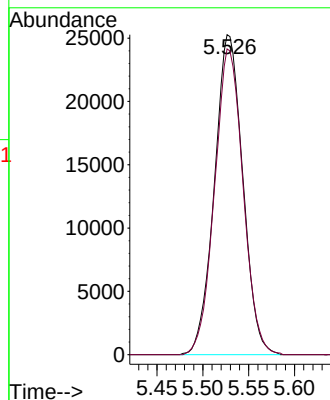
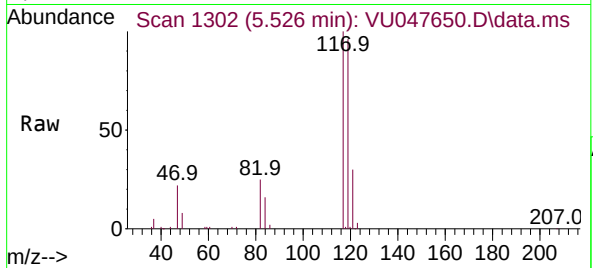




#31
Carbon tetrachloride
Concen: 25.773 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

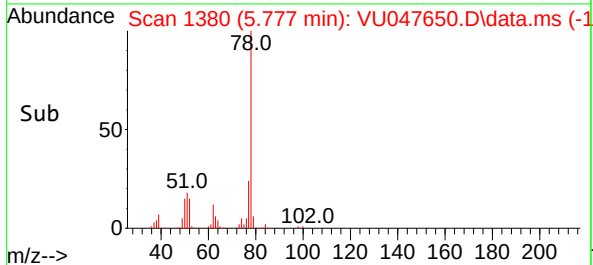
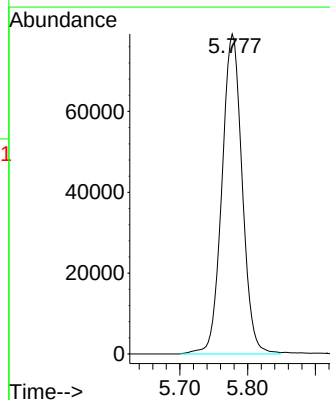
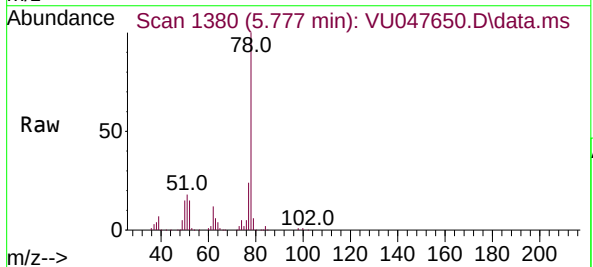
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

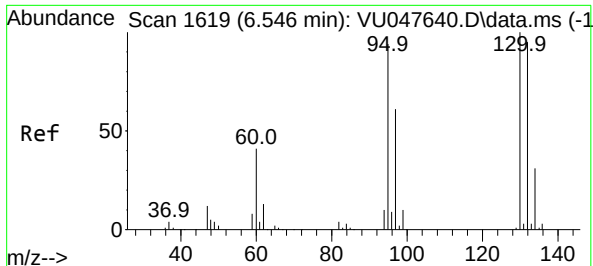
Tgt Ion:117 Resp: 54333
Ion Ratio Lower Upper
117 100
119 96.0 77.2 115.8



#33
Benzene
Concen: 27.609 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Tgt Ion: 78 Resp: 164536



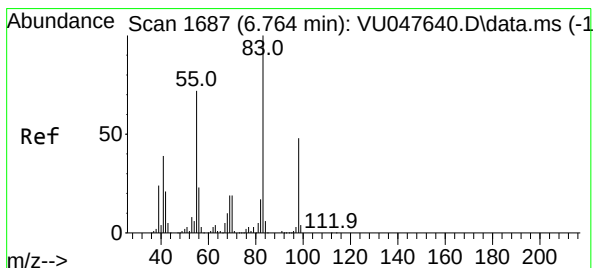
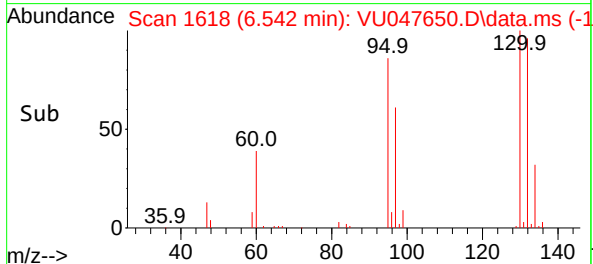
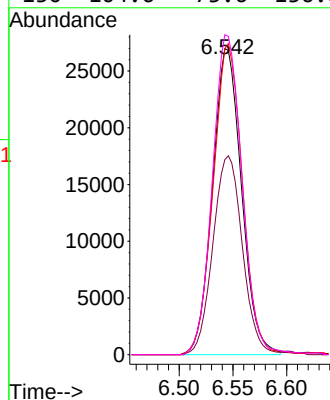
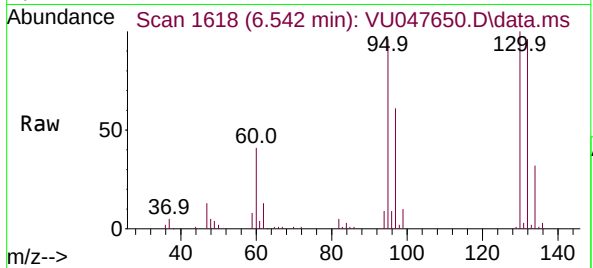


#34
Trichloroethene
Concen: 32.449 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

Tgt Ion: 95 Resp: 50698

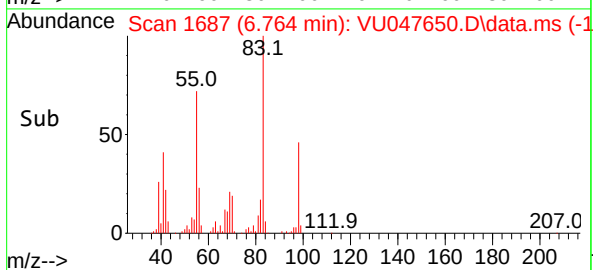
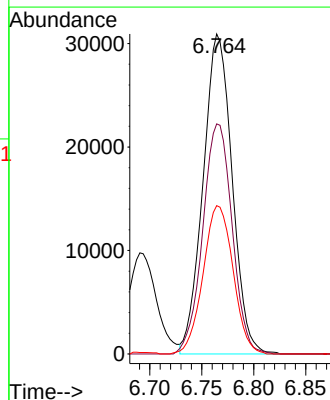
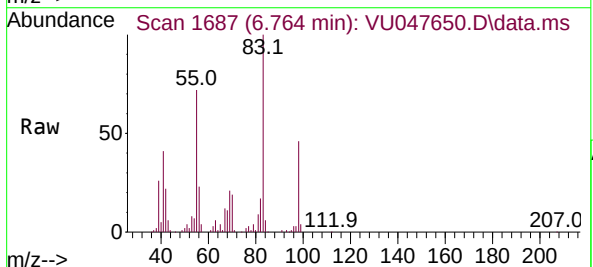
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.7	82.9
132	100.0	70.4	130.8
130	104.6	73.6	136.8

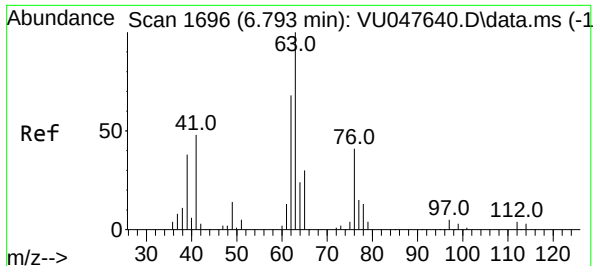


#35
Methylcyclohexane
Concen: 25.299 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Tgt Ion: 83 Resp: 60135

Ion	Ratio	Lower	Upper
83	100		
55	72.7	56.8	85.2
98	47.8	38.1	57.1





#37

1,2-Dichloropropane

Concen: 27.470 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

Instrument :

MSVOA_U

ClientSampleId :

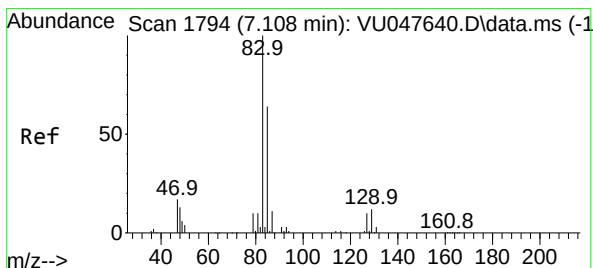
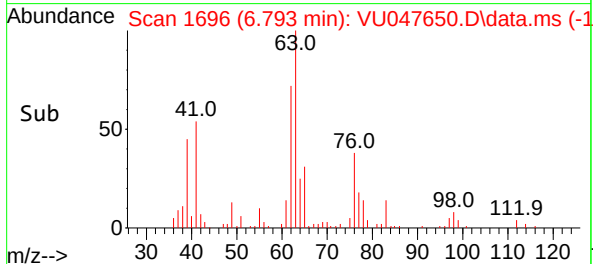
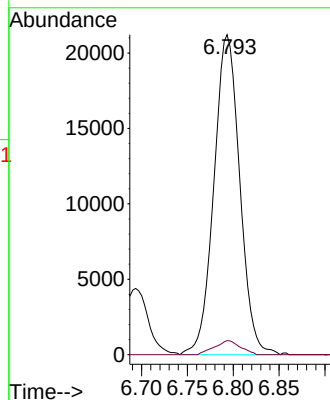
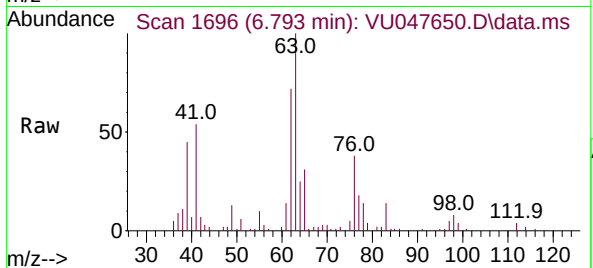
EW5X6MSD

Tgt Ion: 63 Resp: 41617

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 28.119 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

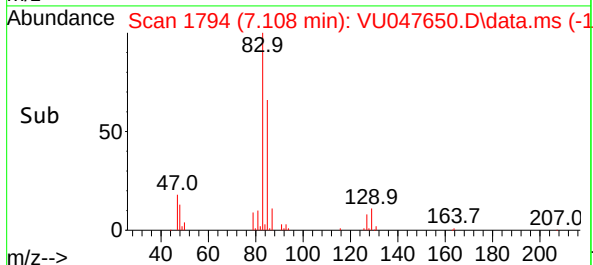
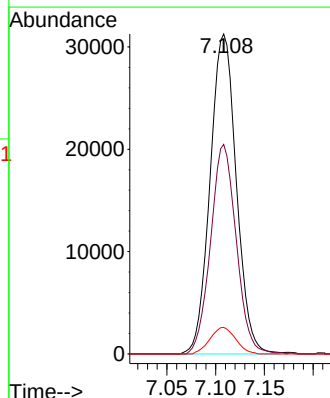
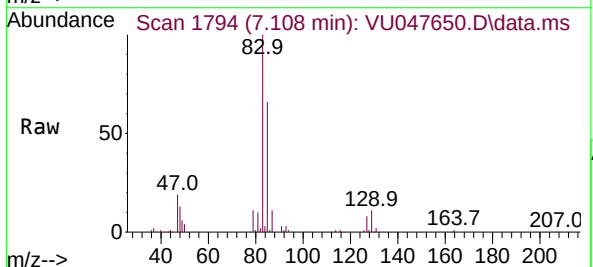
Tgt Ion: 83 Resp: 58499

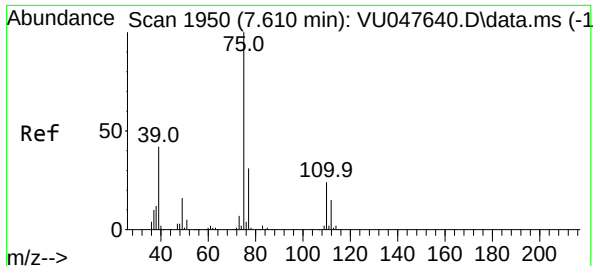
Ion Ratio Lower Upper

83 100

85 65.5 44.4 82.4

127 8.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 26.557 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

Instrument :

MSVOA_U

ClientSampleId :

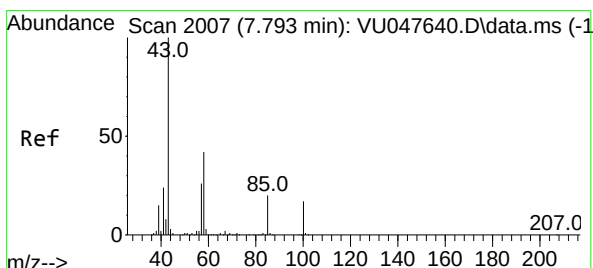
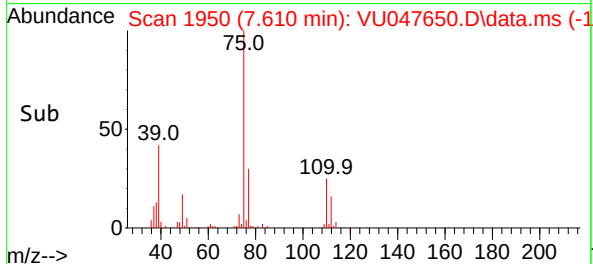
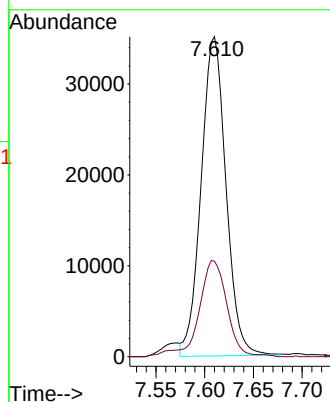
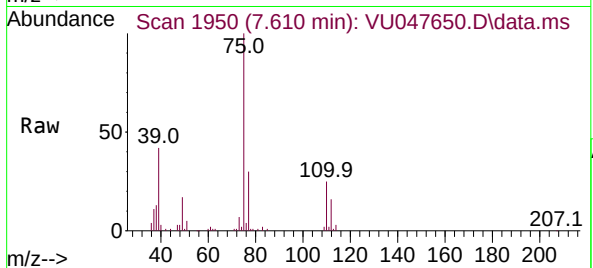
EW5X6MSD

Tgt Ion: 75 Resp: 62428

Ion Ratio Lower Upper

75 100

77 29.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 58.146 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

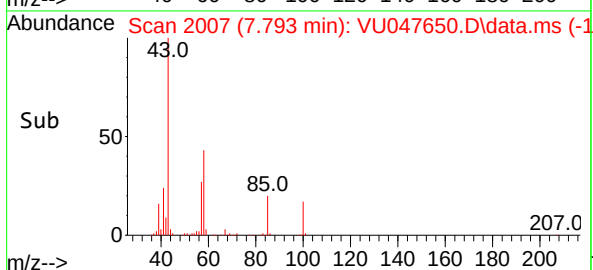
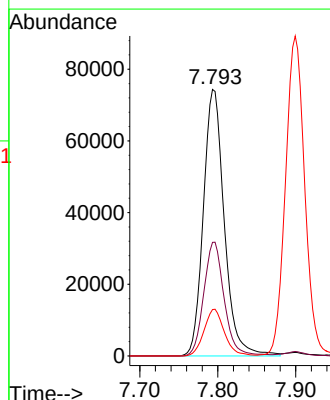
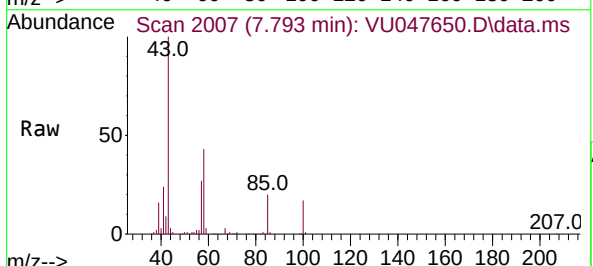
Tgt Ion: 43 Resp: 139228

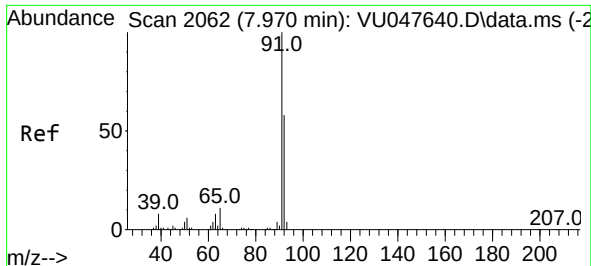
Ion Ratio Lower Upper

43 100

58 41.6 34.7 52.1

100 17.0 14.2 21.2





#42

Toluene

Concen: 27.031 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

Instrument :

MSVOA_U

ClientSampleId :

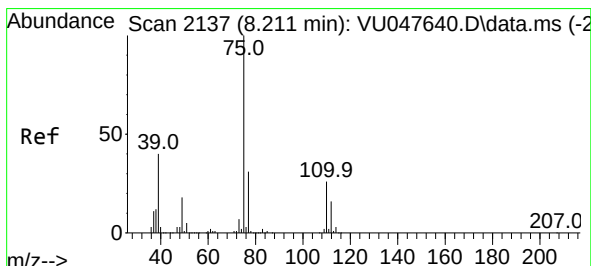
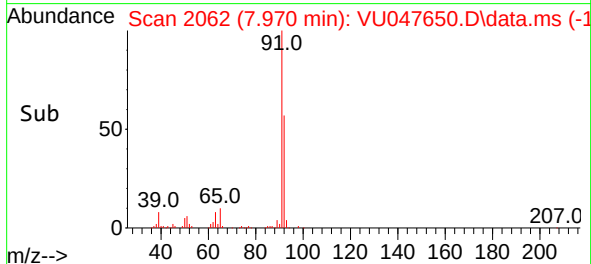
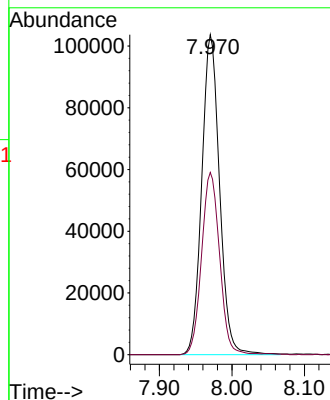
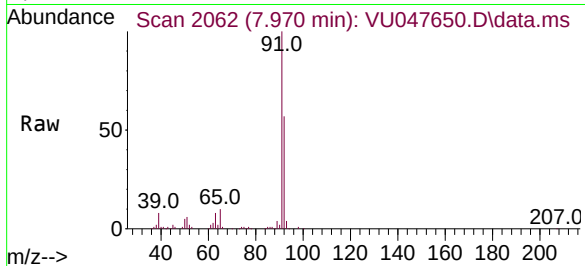
EW5X6MSD

Tgt Ion: 91 Resp: 176754

Ion Ratio Lower Upper

91 100

92 56.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 27.516 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047650.D

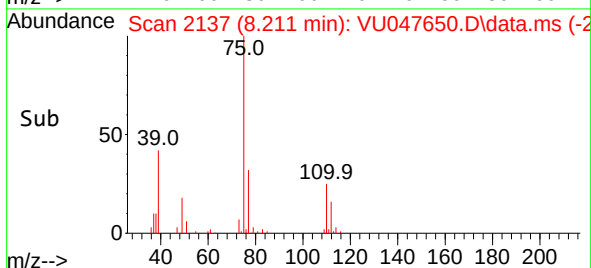
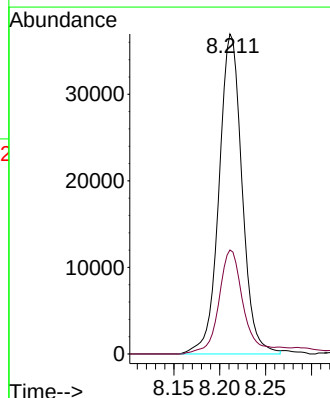
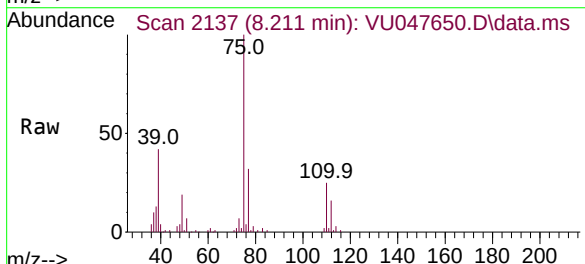
Acq: 24 Mar 2022 22:16

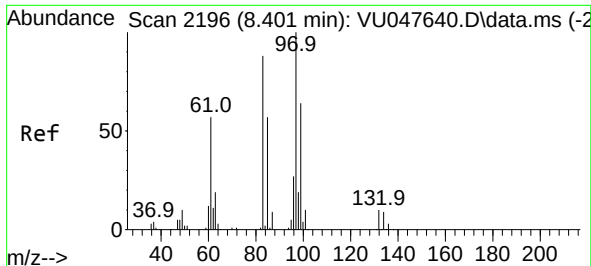
Tgt Ion: 75 Resp: 64582

Ion Ratio Lower Upper

75 100

77 32.5 22.0 40.8

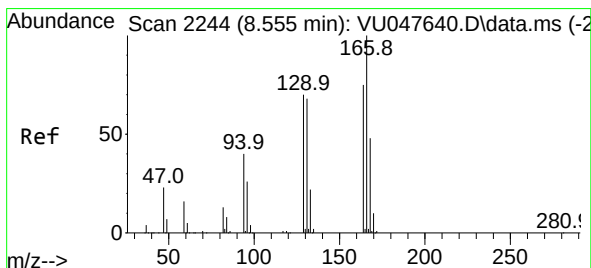
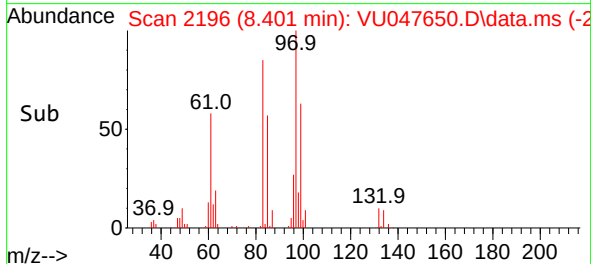
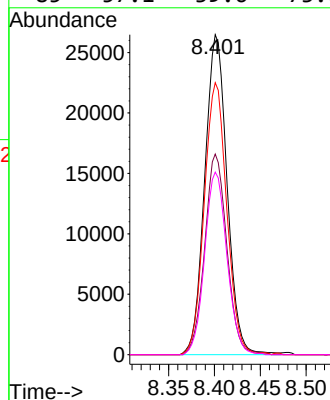
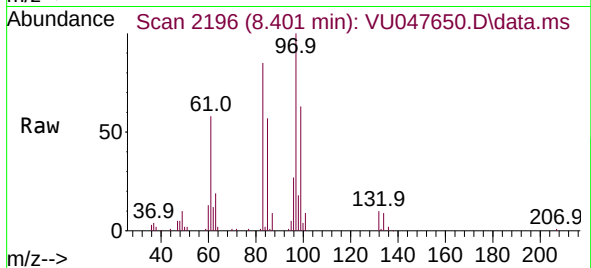




#45
1,1,2-Trichloroethane
Concen: 27.953 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

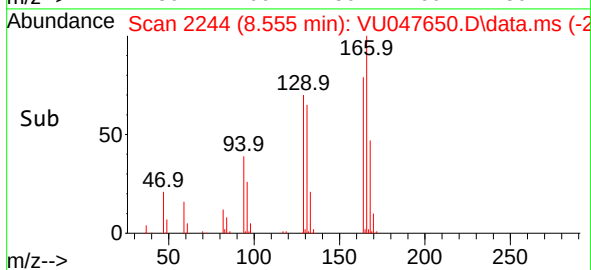
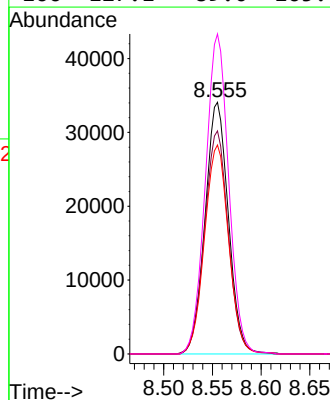
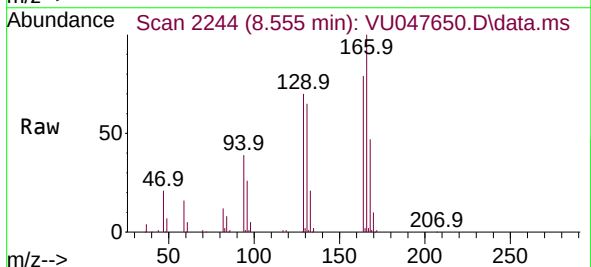
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

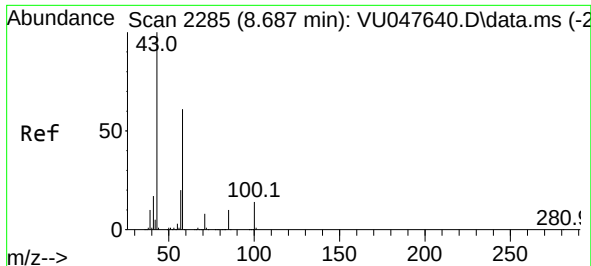
Tgt Ion:	97	Resp:	44913
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.3	80.3
83	85.0	61.0	113.4
85	57.1	39.6	73.6



#46
Tetrachloroethene
Concen: 40.470 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Tgt Ion:	164	Resp:	56822
Ion	Ratio	Lower	Upper
164	100		
129	88.6	62.4	116.0
131	83.0	60.7	112.7
166	127.1	89.0	165.4

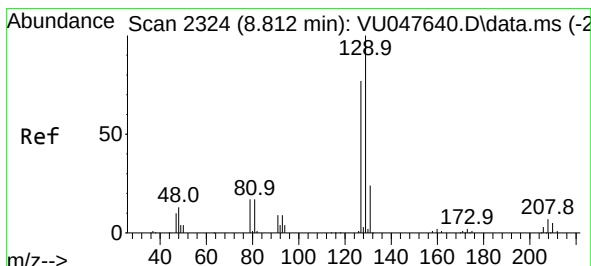
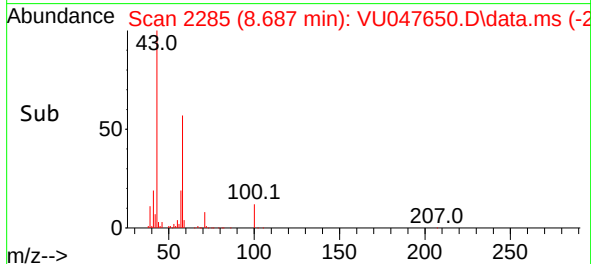
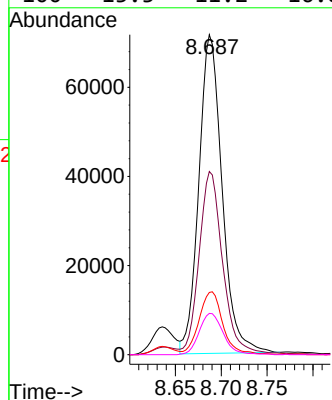
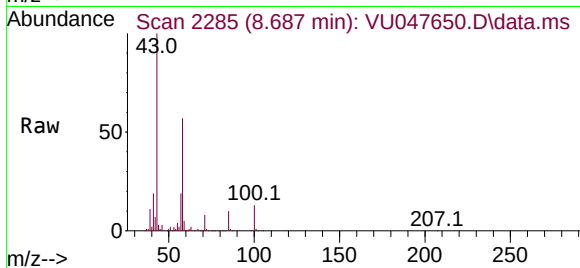




#48
2-Hexanone
Concen: 61.352 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

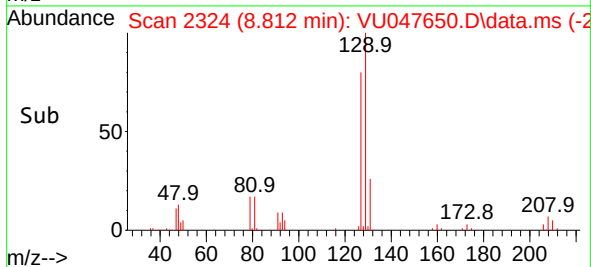
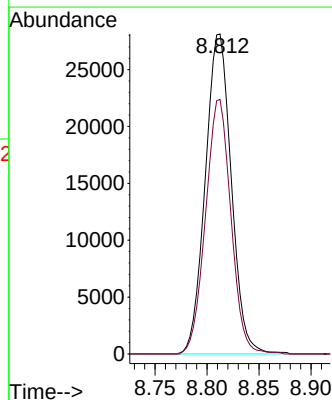
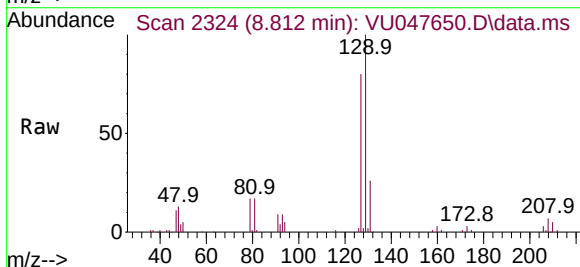
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

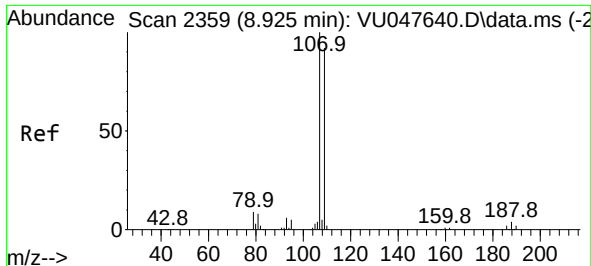
Tgt Ion:	43	Resp:	126365
Ion	Ratio	Lower	Upper
43	100		
58	57.5	48.1	72.1
57	19.5	16.2	24.4
100	13.3	11.2	16.8



#49
Dibromochloromethane
Concen: 26.309 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Tgt Ion:	129	Resp:	48960
Ion	Ratio	Lower	Upper
129	100		
127	79.6	54.2	100.6





#50

1,2-Dibromoethane

Concen: 27.374 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

Instrument :

MSVOA_U

ClientSampleId :

EW5X6MSD

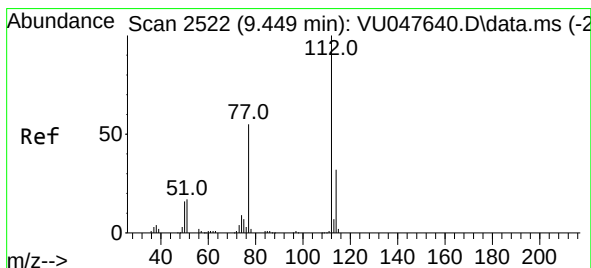
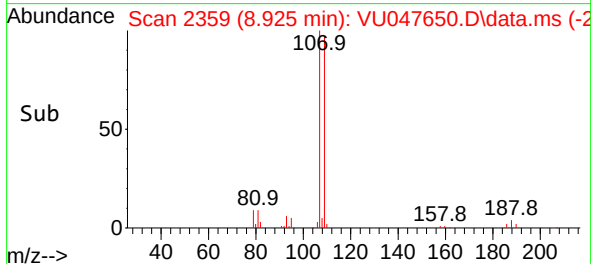
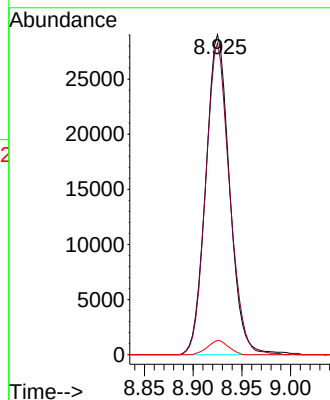
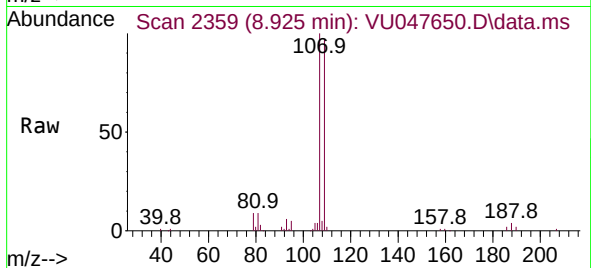
Tgt Ion:107 Resp: 49308

Ion Ratio Lower Upper

107 100

109 97.4 66.6 123.6

188 4.4 3.4 5.2



#51

Chlorobenzene

Concen: 26.581 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

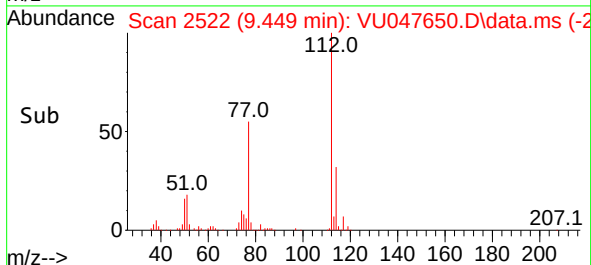
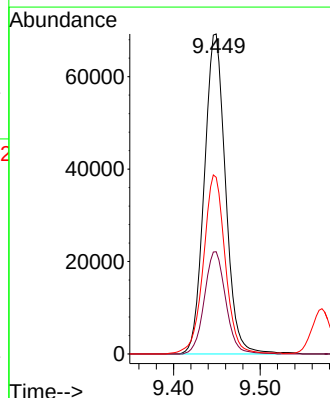
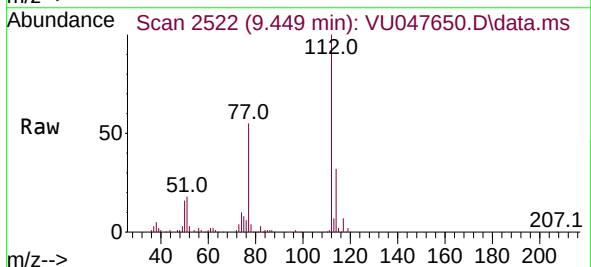
Tgt Ion:112 Resp: 118019

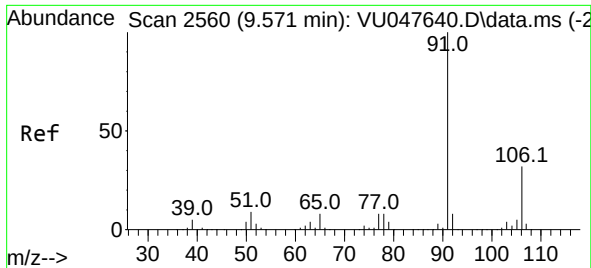
Ion Ratio Lower Upper

112 100

114 31.9 22.1 41.1

77 55.2 43.4 65.0

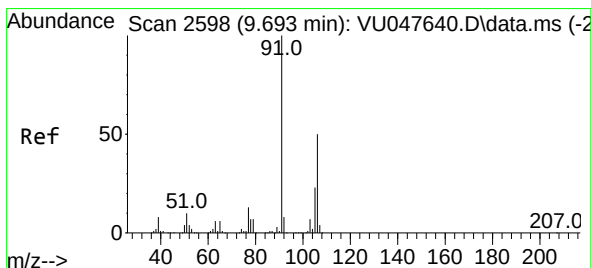
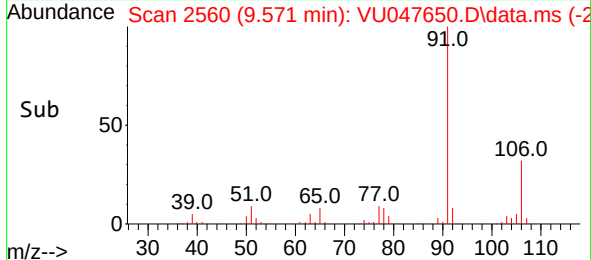
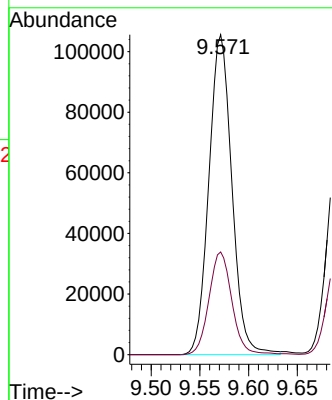
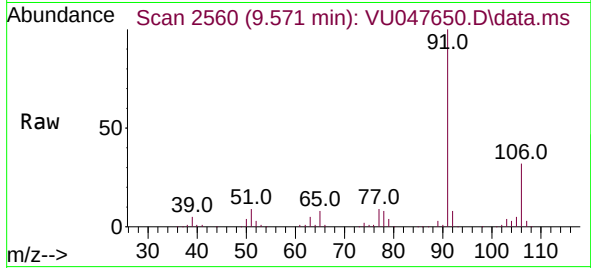




#52
Ethylbenzene
Concen: 25.191 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

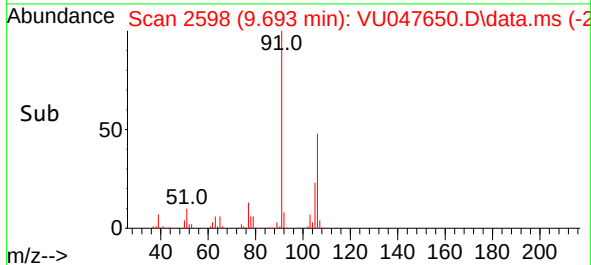
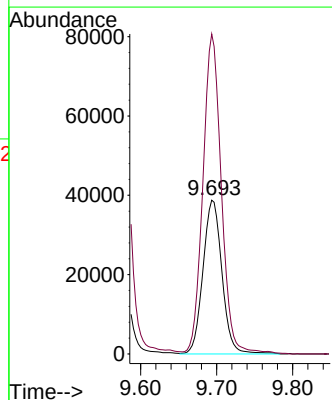
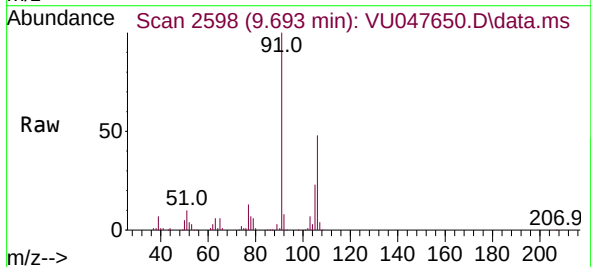
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

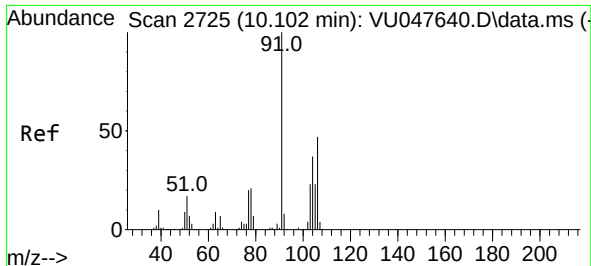
Tgt Ion: 91 Resp: 173205
Ion Ratio Lower Upper
91 100
106 32.1 22.4 41.6



#53
m,p-Xylene
Concen: 24.969 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Tgt Ion: 106 Resp: 67361
Ion Ratio Lower Upper
106 100
91 208.1 137.7 255.7

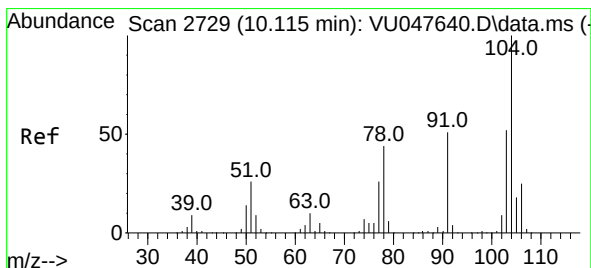
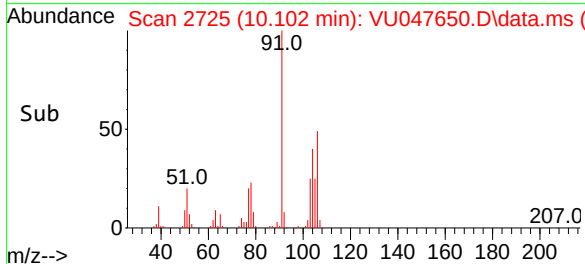
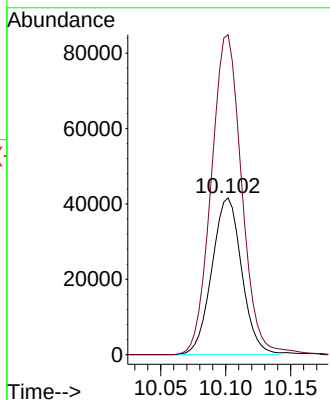
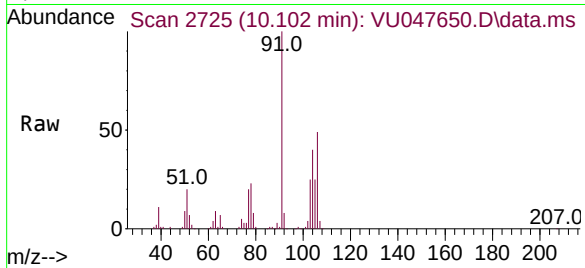




#54
o-Xylene
Concen: 25.101 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

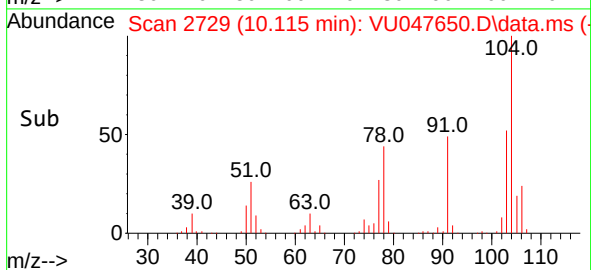
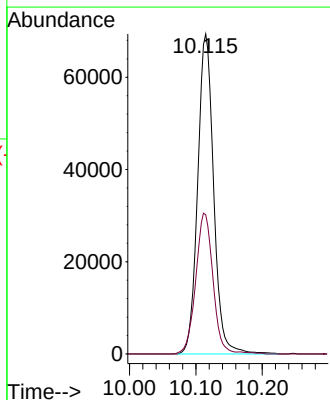
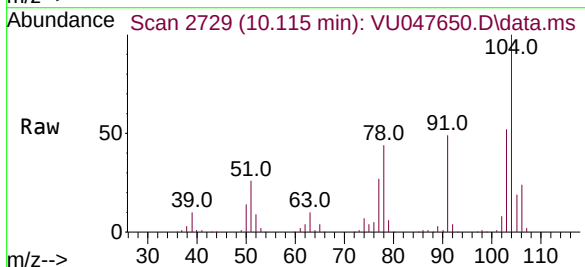
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

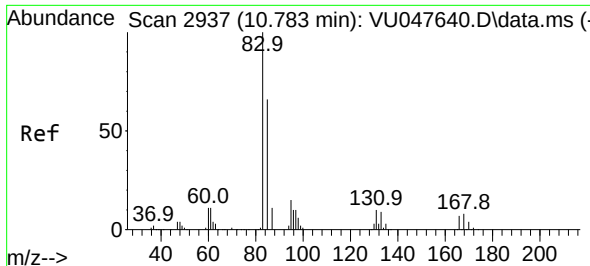
Tgt Ion:106 Resp: 66463
Ion Ratio Lower Upper
106 100
91 204.0 146.7 272.5



#55
Styrene
Concen: 25.713 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Tgt Ion:104 Resp: 116241
Ion Ratio Lower Upper
104 100
78 43.5 30.4 56.4

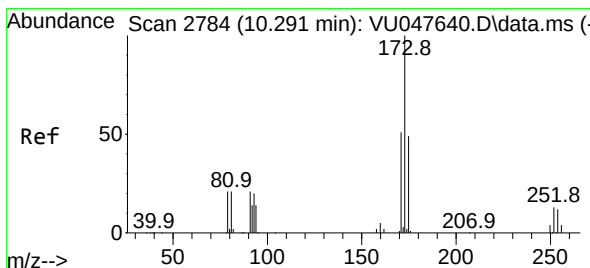
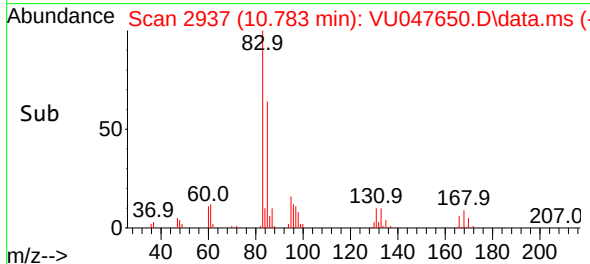
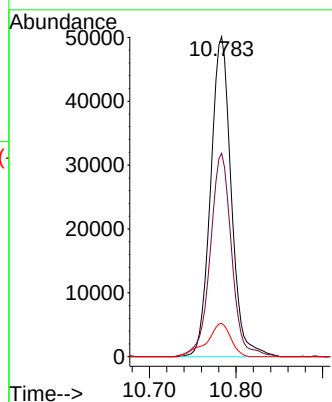
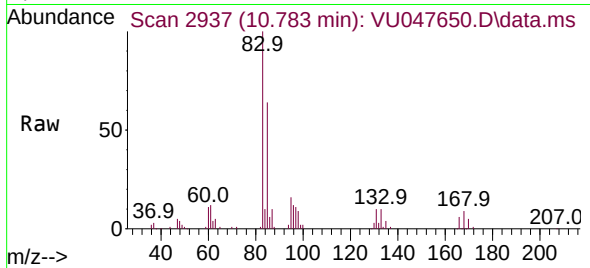




#57
1,1,2-Tetrachloroethane
Concen: 27.463 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

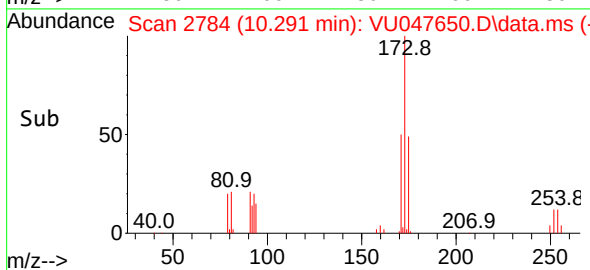
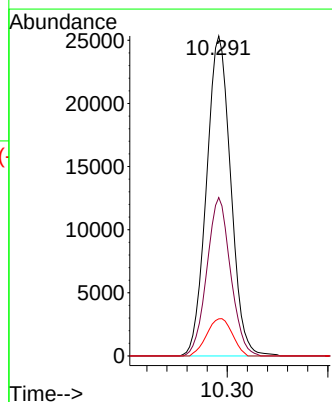
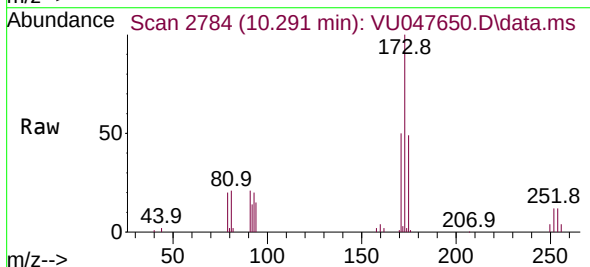
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

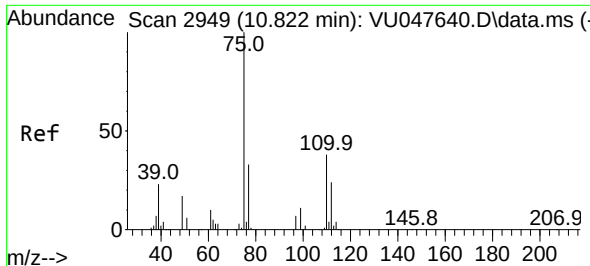
Tgt Ion: 83 Resp: 82725
Ion Ratio Lower Upper
83 100
85 63.6 44.9 83.3
131 10.4 8.6 13.0



#59
Bromoform
Concen: 27.260 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Tgt Ion: 173 Resp: 42339
Ion Ratio Lower Upper
173 100
175 48.5 38.7 58.1
254 12.3 9.6 14.4

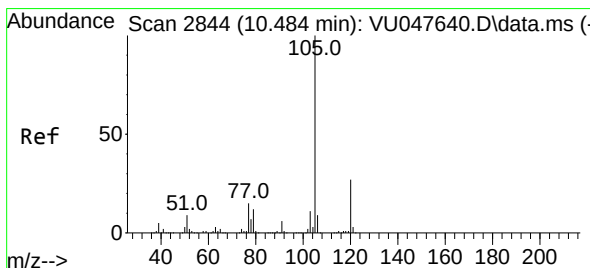
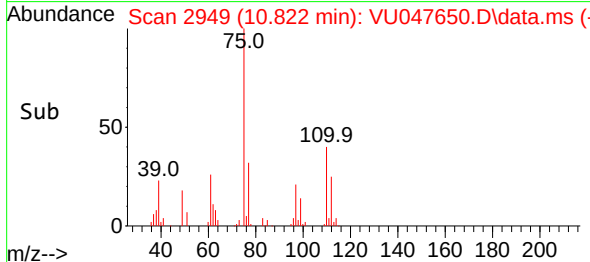
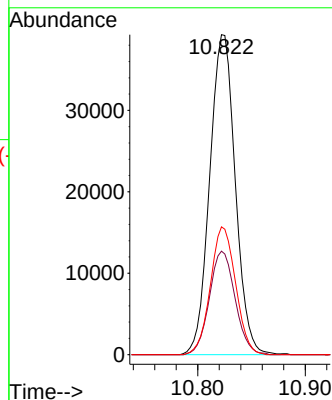
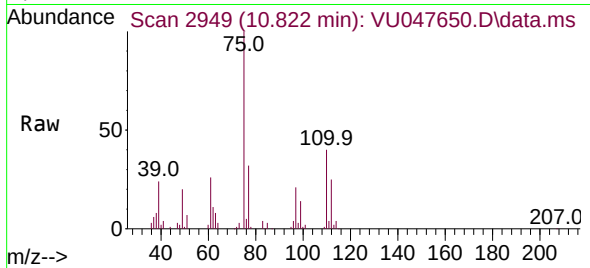




#60
1,2,3-Trichloropropane
Concen: 28.365 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

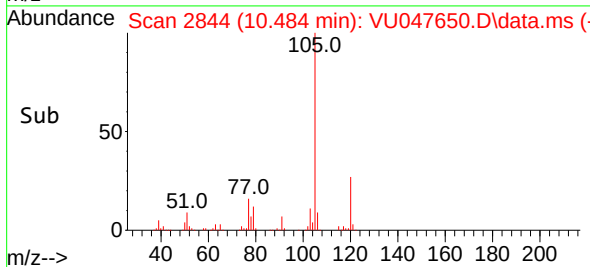
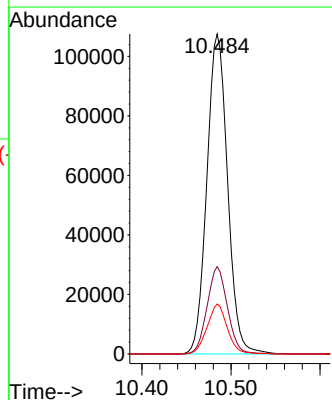
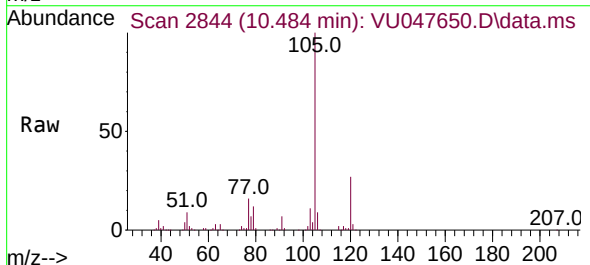
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

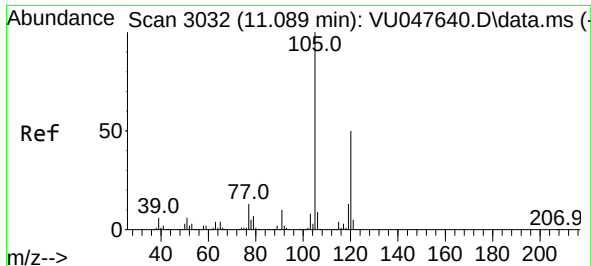
Tgt Ion:	75	Resp:	64949
Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.0	39.0
110	39.3	31.4	47.2



#61
Isopropylbenzene
Concen: 26.426 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Tgt Ion:	105	Resp:	173475
Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.9	32.9
77	15.2	12.1	18.1





#62

1,3,5-Trimethylbenzene

Concen: 25.795 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047650.D

Acq: 24 Mar 2022 22:16

Instrument :

MSVOA_U

ClientSampleId :

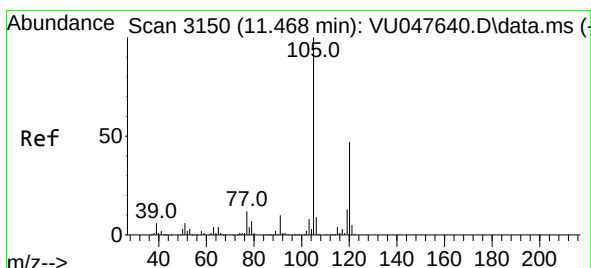
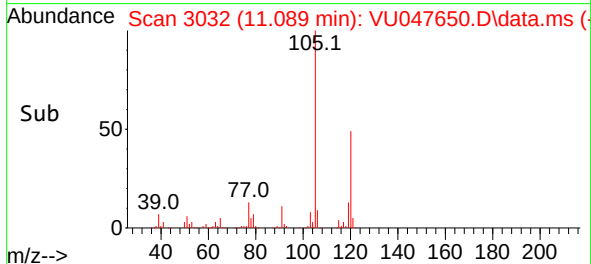
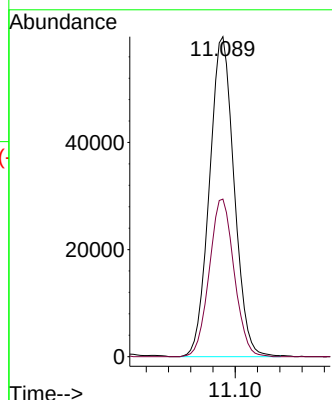
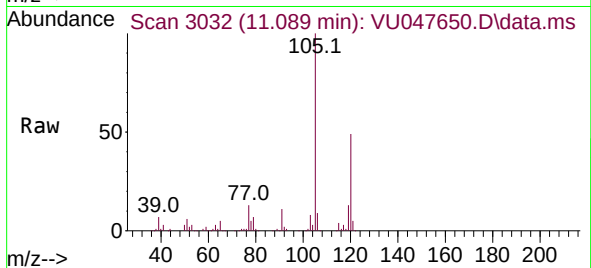
EW5X6MSD

Tgt Ion:105 Resp: 91875

Ion Ratio Lower Upper

105 100

120 49.6 40.8 61.2



#63

1,2,4-Trimethylbenzene

Concen: 26.507 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047650.D

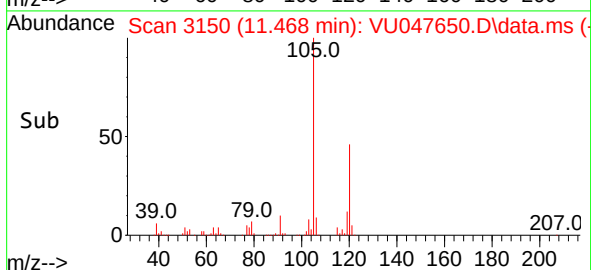
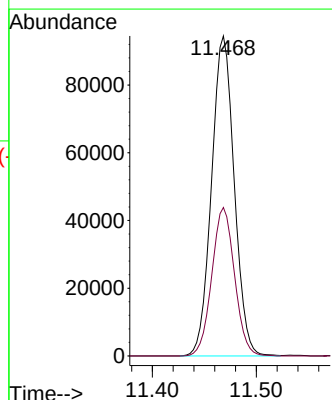
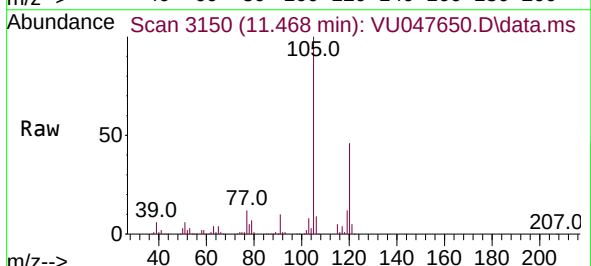
Acq: 24 Mar 2022 22:16

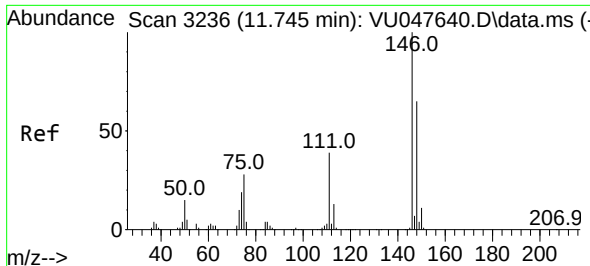
Tgt Ion:105 Resp: 143405

Ion Ratio Lower Upper

105 100

120 46.4 37.6 56.4

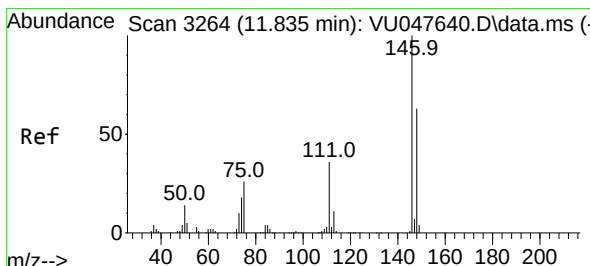
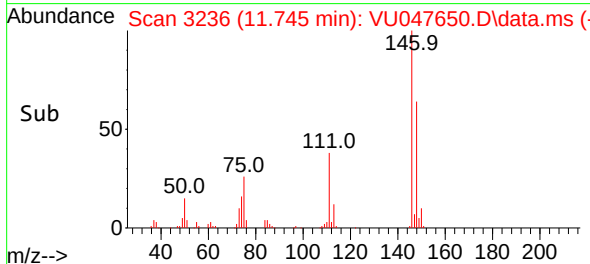
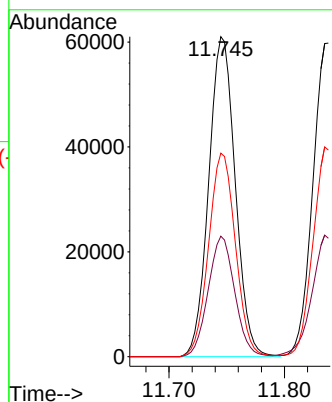
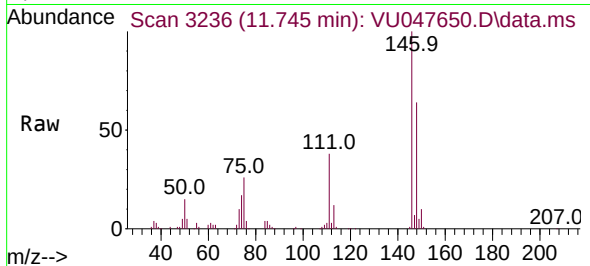




#64
1,3-Dichlorobenzene
Concen: 26.711 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

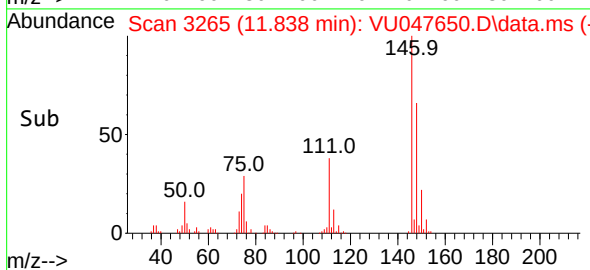
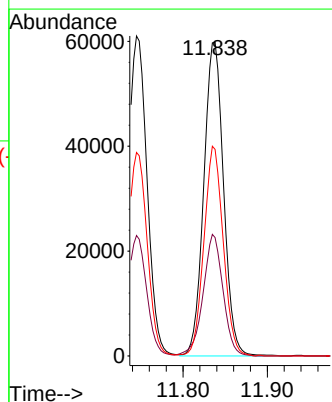
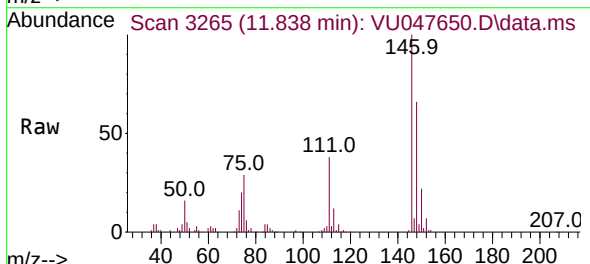
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

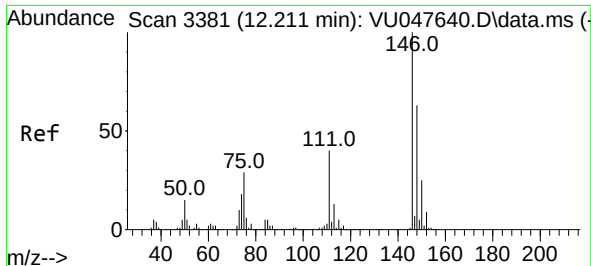
Tgt Ion:146 Resp: 97460
Ion Ratio Lower Upper
146 100
111 37.7 26.7 49.7
148 63.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 25.905 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Tgt Ion:146 Resp: 97901
Ion Ratio Lower Upper
146 100
111 37.8 25.3 47.1
148 65.9 44.5 82.7

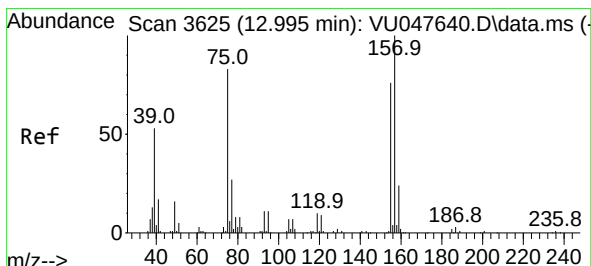
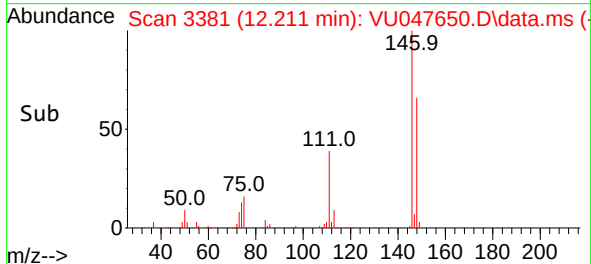
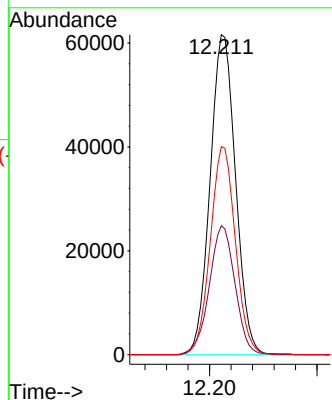
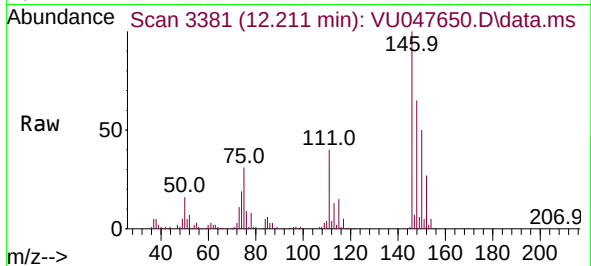




#67
1,2-Dichlorobenzene
Concen: 27.727 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

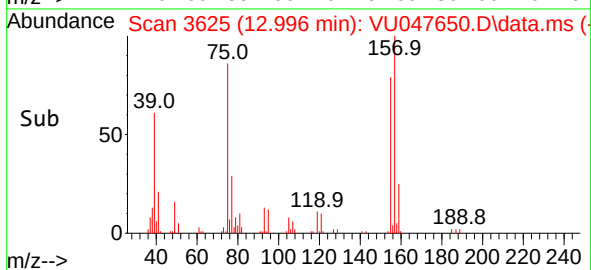
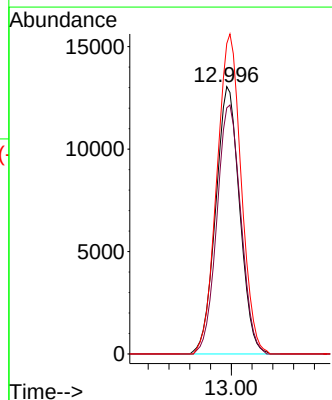
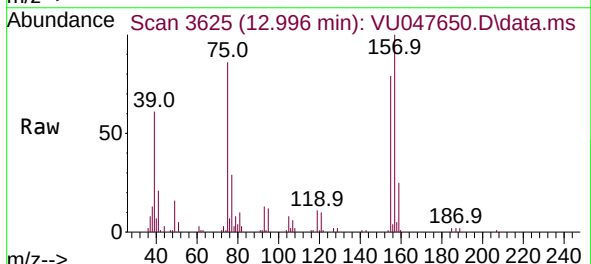
Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

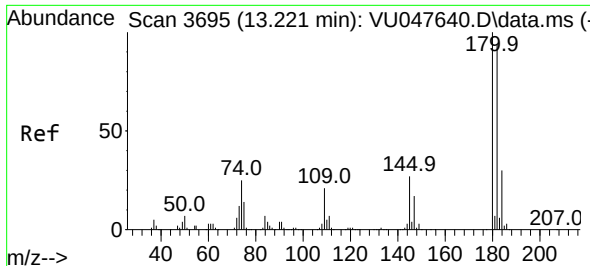
Tgt Ion:146 Resp: 101228
Ion Ratio Lower Upper
146 100
111 40.3 31.7 47.5
148 65.0 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 28.547 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Tgt Ion: 75 Resp: 20938
Ion Ratio Lower Upper
75 100
155 92.0 78.9 118.3
157 116.1 97.5 146.3

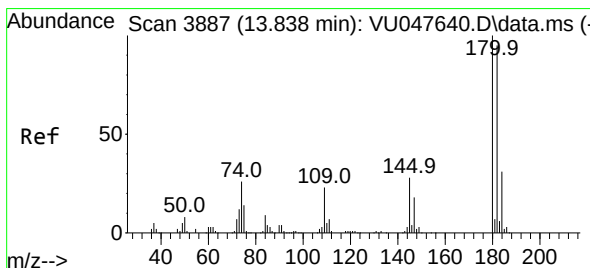
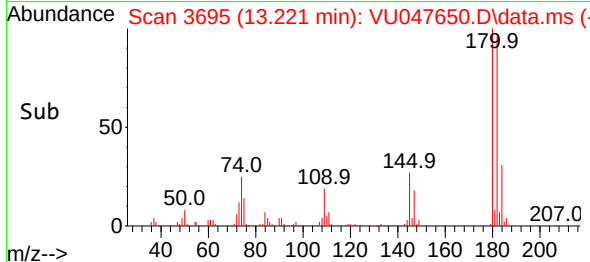
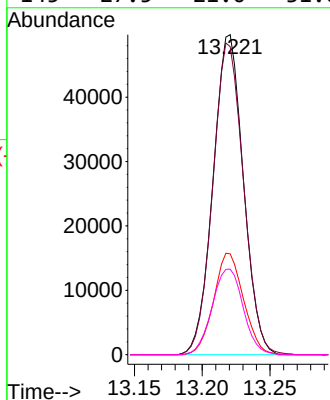
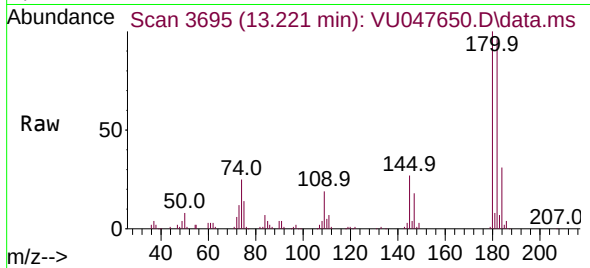




#69
 1,3,5-Trichlorobenzene
 Concen: 25.999 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047650.D
 Acq: 24 Mar 2022 22:16

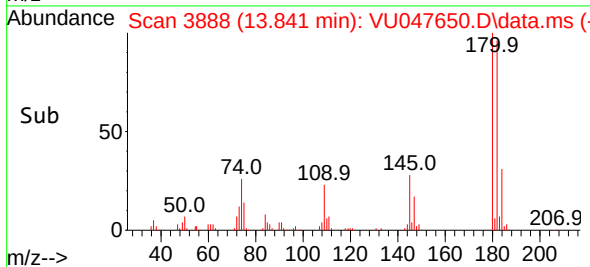
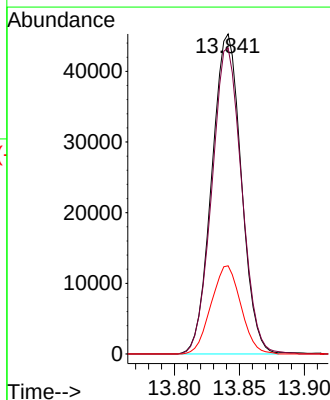
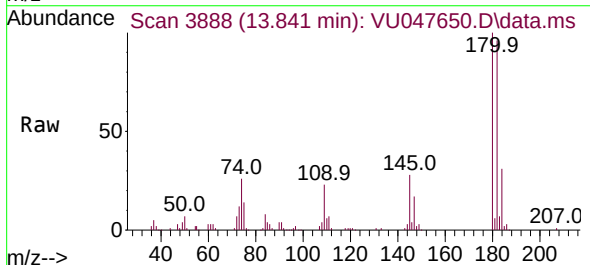
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X6MSD

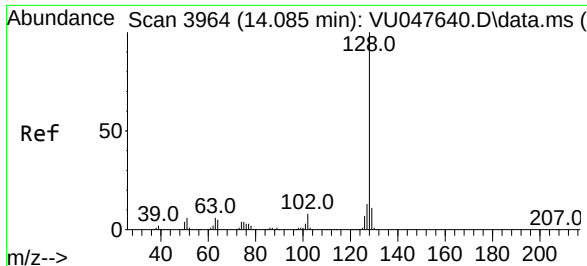
Tgt Ion:180	Resp:	77043
Ion Ratio	Lower	Upper
180	100	
182	98.5	77.0 115.6
184	31.4	24.5 36.7
145	27.5	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 27.562 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU047650.D
 Acq: 24 Mar 2022 22:16

Tgt Ion:180	Resp:	71537
Ion Ratio	Lower	Upper
180	100	
182	96.6	76.2 114.2
145	27.7	21.8 32.8

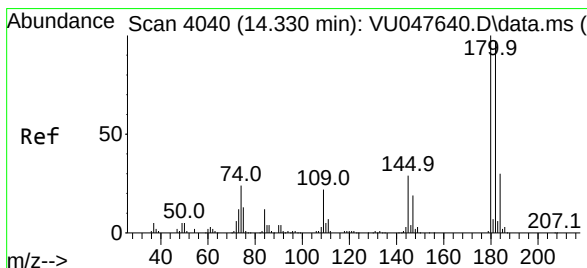
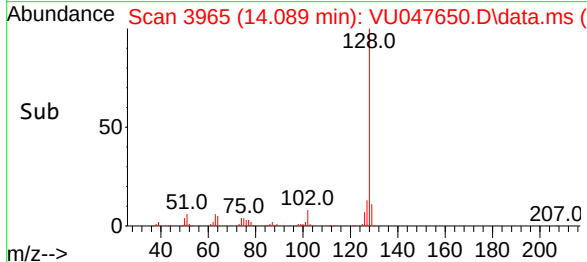
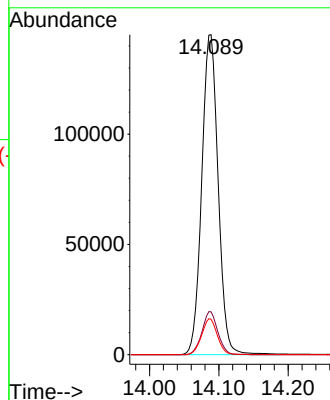
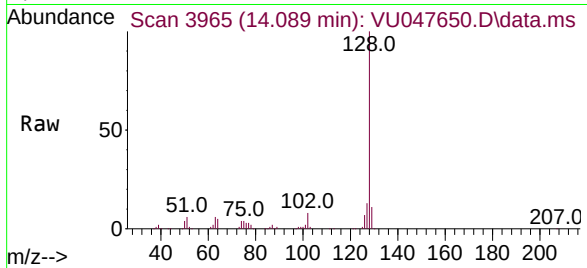




#71
Naphthalene
Concen: 30.809 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Instrument :
MSVOA_U
ClientSampleId :
EW5X6MSD

Tgt Ion:128 Resp: 238405
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 30.252 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047650.D
Acq: 24 Mar 2022 22:16

Tgt Ion:180 Resp: 78714
Ion Ratio Lower Upper
180 100
182 96.7 77.4 116.0
145 30.2 22.8 34.2

