

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031522\
 Data File : VU047565.D
 Acq On : 15 Mar 2022 09:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 16 06:40:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:45:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	139414	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	138056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77338	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	37342	4.096	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.919	69	36840	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.572	65	16845	3.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.642	46	130310	49.672	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.340%
24) Chloroform-d	5.070	84	91402	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.707	65	49226	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.732	84	169642	4.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.694	67	55196	4.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.899	98	154753	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.182	79	22569	4.248	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.636	63	129237	46.922	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.840%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	57761	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	67408	4.171	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	47317	5.516	ug/L	98
3) Chloromethane	1.523	50	42367	5.036	ug/L	100
5) Vinyl chloride	1.607	62	45845	5.285	ug/L	98
6) Bromomethane	1.864	94	19309	4.731	ug/L	98
8) Chloroethane	1.938	64	28323	5.402	ug/L	100
9) Trichlorofluoromethane	2.144	101	63597	5.592	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	41278	5.749	ug/L	99
12) 1,1-Dichloroethene	2.588	96	36581	5.267	ug/L #	81
13) Acetone	2.658	43	52254	51.085	ug/L	95
14) Carbon disulfide	2.800	76	106246	5.085	ug/L	98
15) Methyl Acetate	2.964	43	15689	5.556	ug/L	97
16) Methylene chloride	3.054	84	41612	4.061	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	91745	5.148	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	38985	5.222	ug/L	100
19) 1,1-Dichloroethane	3.877	63	70193	5.344	ug/L	96
21) 2-Butanone	4.726	43	101413	52.110	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	44058	5.319	ug/L	97
23) Bromochloromethane	4.980	128	22622	5.381	ug/L	99
25) Chloroform	5.092	83	75574	5.234	ug/L	97

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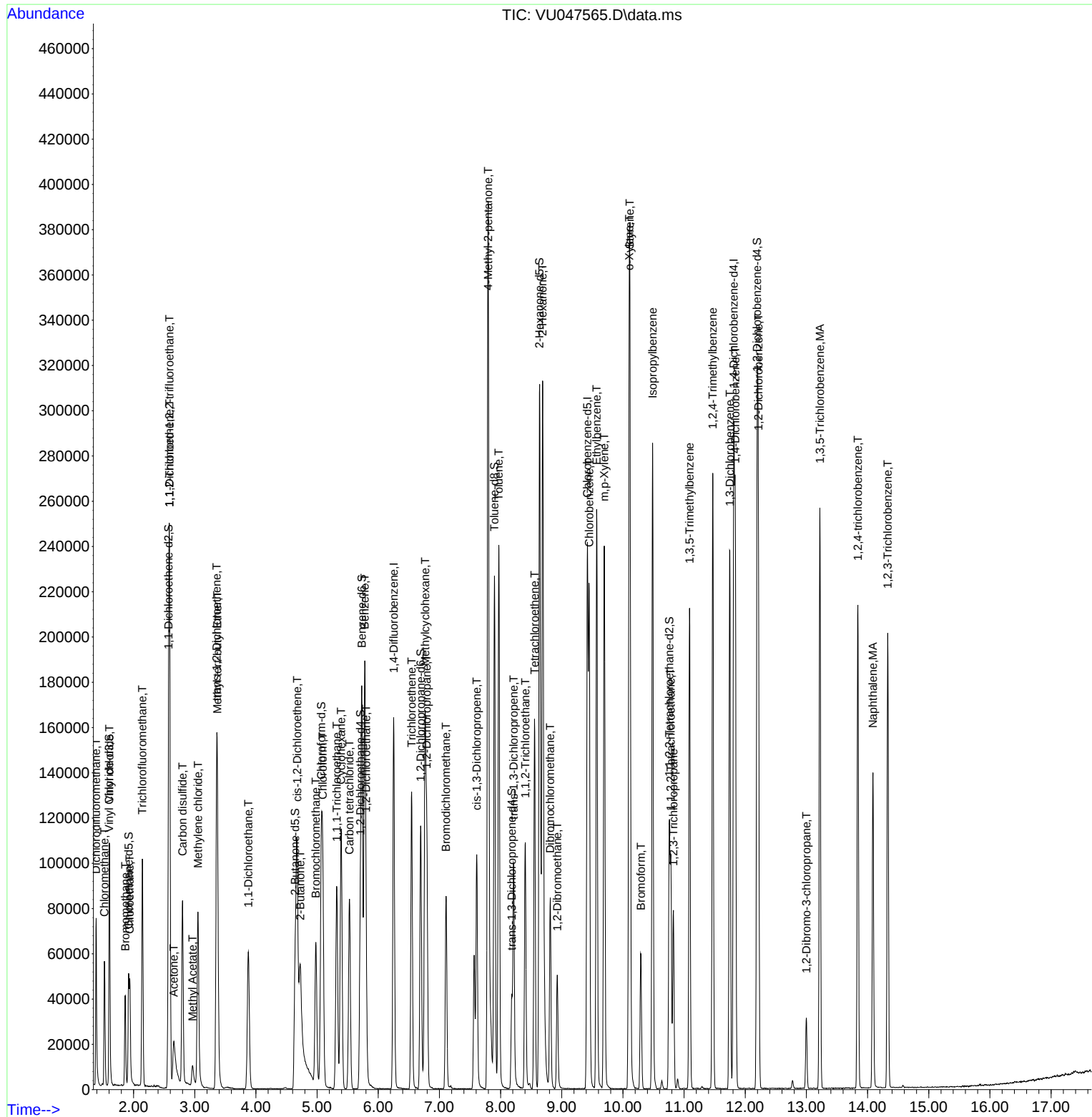
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	47541	5.148	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	64125	5.223	ug/L	99
30) Cyclohexane	5.395	56	54502	5.141	ug/L	99
31) Carbon tetrachloride	5.530	117	58110	5.381	ug/L	99
33) Benzene	5.777	78	163275	5.234	ug/L	100
34) Trichloroethene	6.546	95	43691	5.286	ug/L	98
35) Methylcyclohexane	6.768	83	63218	5.314	ug/L	100
37) 1,2-Dichloropropane	6.793	63	41915	5.243	ug/L	100
38) Bromodichloromethane	7.108	83	56494	5.132	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	61121	4.920	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	276826	49.681	ug/L	100
42) Toluene	7.970	91	179873	5.319	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	56877	5.133	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	35590	5.193	ug/L	97
47) Tetrachloroethene	8.555	164	37133	5.267	ug/L	99
48) 2-Hexanone	8.687	43	209772	49.466	ug/L	99
49) Dibromochloromethane	8.812	129	44604	5.284	ug/L	100
50) 1,2-Dibromoethane	8.928	107	34694	5.120	ug/L	99
51) Chlorobenzene	9.449	112	120808	5.230	ug/L	99
52) Ethylbenzene	9.571	91	184187	5.143	ug/L	100
53) m,p-Xylene	9.697	106	72017	5.201	ug/L	98
54) o-Xylene	10.102	106	69750	5.099	ug/L	99
55) Styrene	10.115	104	123062	5.238	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	46807	5.094	ug/L	98
59) Bromoform	10.295	173	28482	5.220	ug/L	99
60) Isopropylbenzene	10.484	105	184345	5.276	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	33252	5.126	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	115254	5.167	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	149911	5.177	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	102020	5.236	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	103470	5.198	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	98676	5.122	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7398	4.754	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	84447	5.127	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	71172	4.912	ug/L	100
71) Naphthalene	14.089	128	114104	4.243	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	66012	4.747	ug/L	99

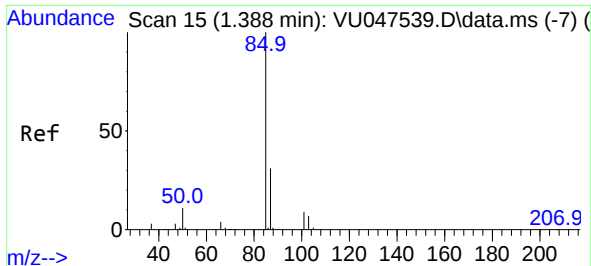
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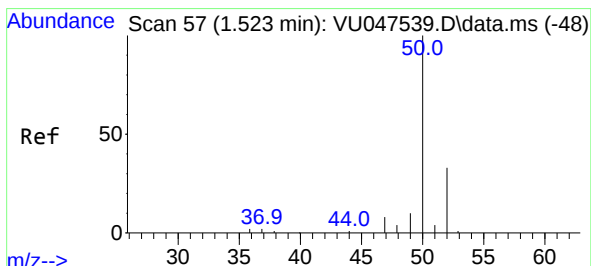
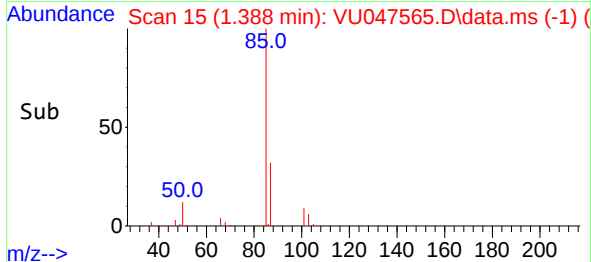
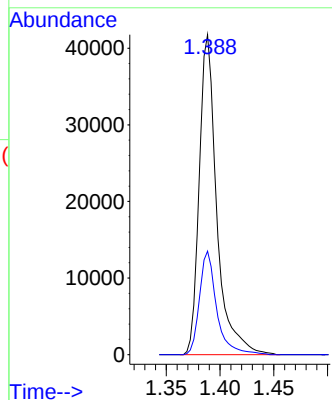
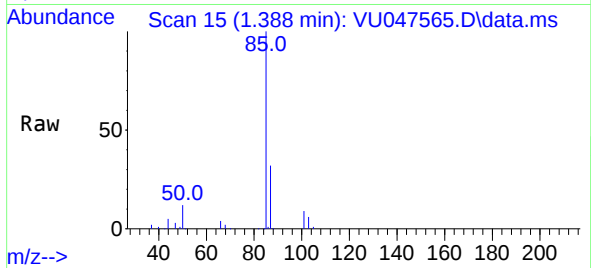




#2
Dichlorodifluoromethane
Concen: 5.516 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

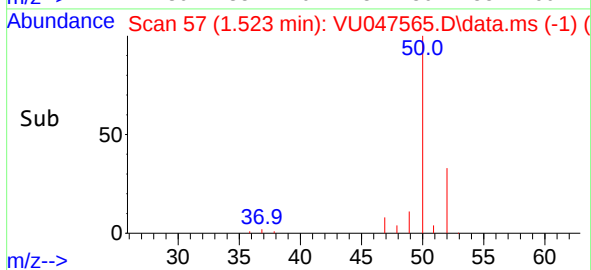
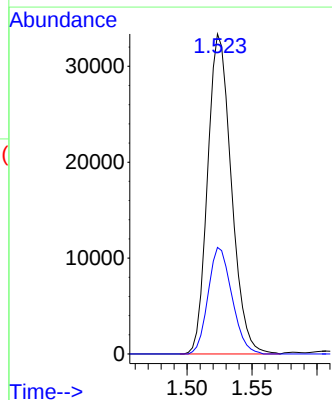
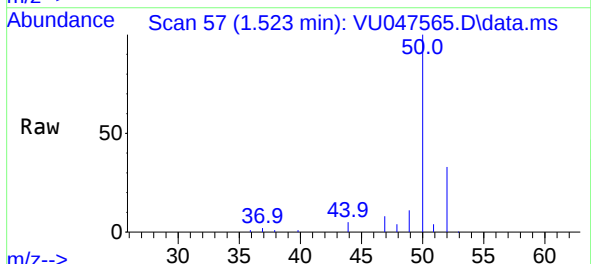
Instrument :
MSVOA_U
ClientSampleId :

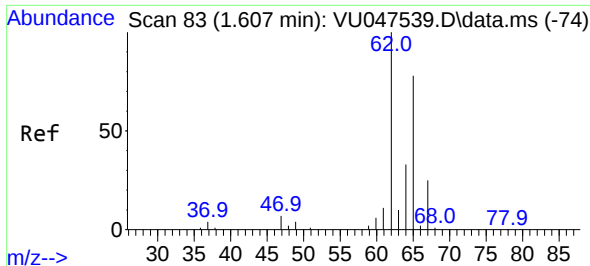
Tgt Ion: 85 Resp: 47317
Ion Ratio Lower Upper
85 100
87 31.8 26.2 39.4



#3
Chloromethane
Concen: 5.036 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion: 50 Resp: 42367
Ion Ratio Lower Upper
50 100
52 33.3 23.2 43.0

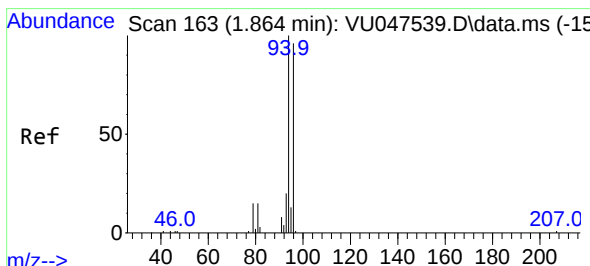
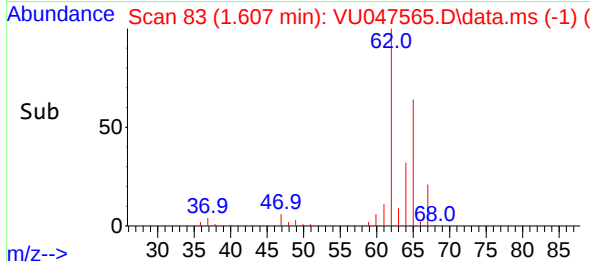
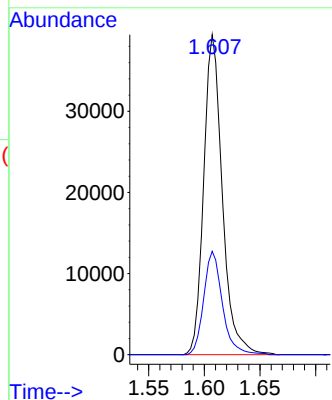
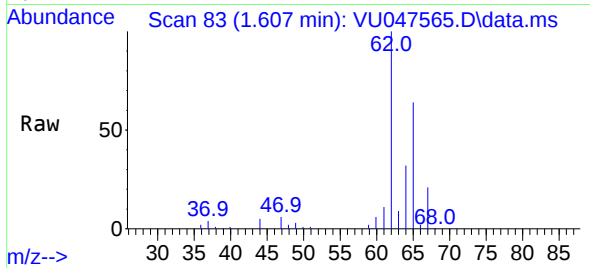




#5
 Vinyl chloride
 Concen: 5.285 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047565.D
 Acq: 15 Mar 2022 09:36

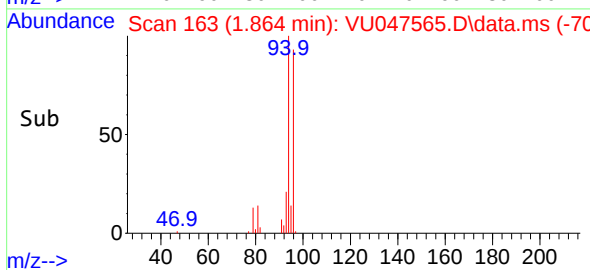
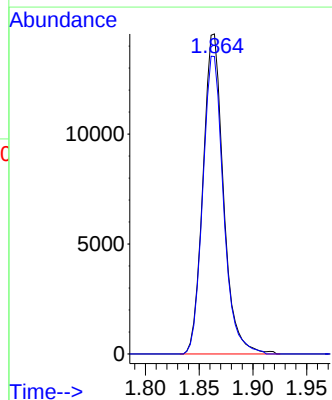
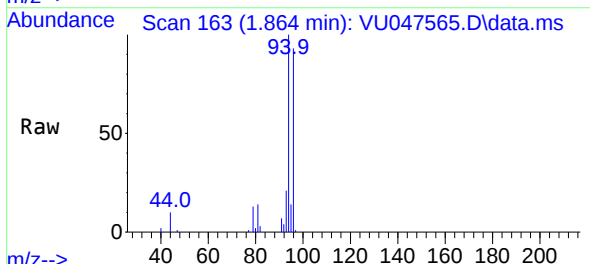
Instrument :
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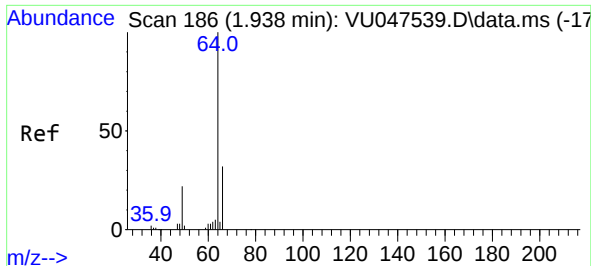
Tgt Ion: 62 Resp: 45845
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.5 43.7



#6
 Bromomethane
 Concen: 4.731 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047565.D
 Acq: 15 Mar 2022 09:36

Tgt Ion: 94 Resp: 19309
 Ion Ratio Lower Upper
 94 100
 96 92.9 66.5 123.5

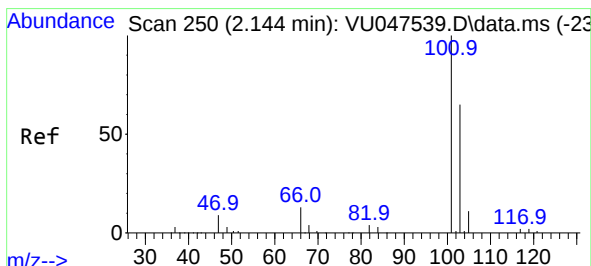
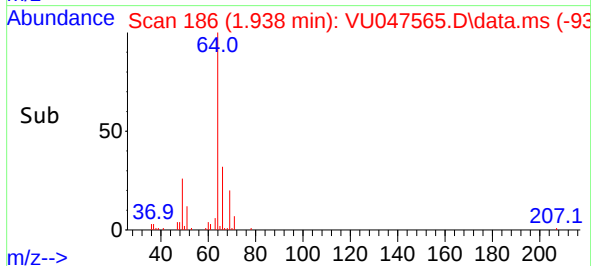
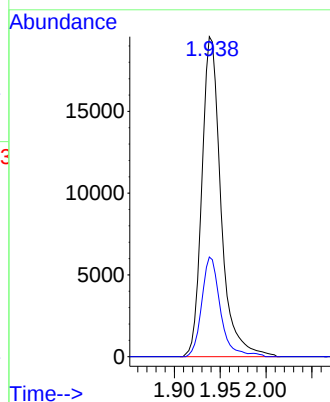
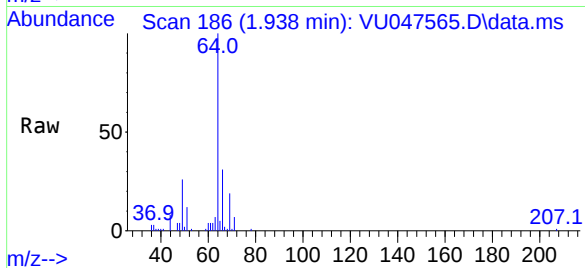




#8
Chloroethane
Concen: 5.402 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

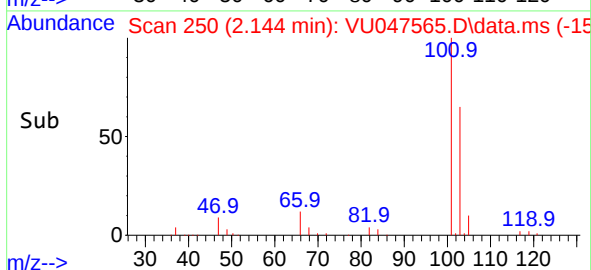
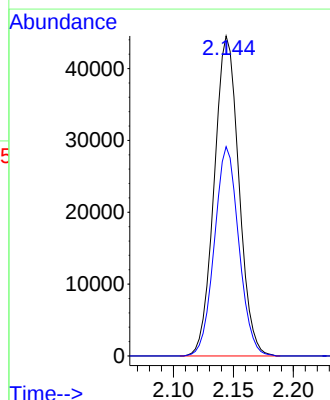
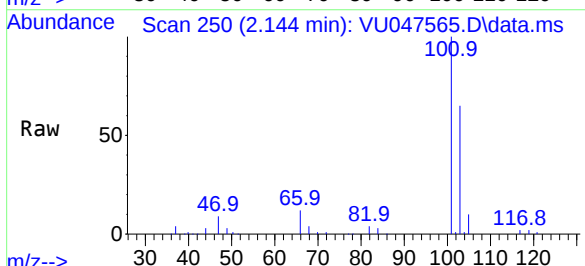
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MSVOA_U
ClientSampleId :

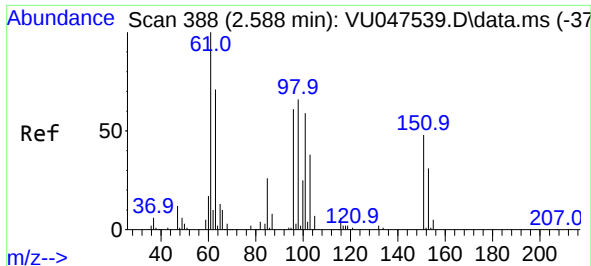
Tgt Ion: 64 Resp: 28323
Ion Ratio Lower Upper
64 100
66 31.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.592 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion: 101 Resp: 63597
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

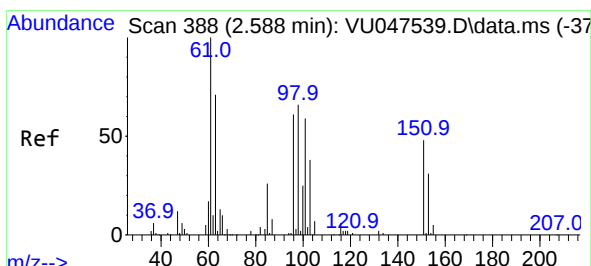
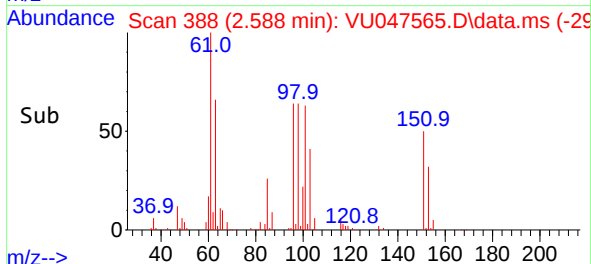
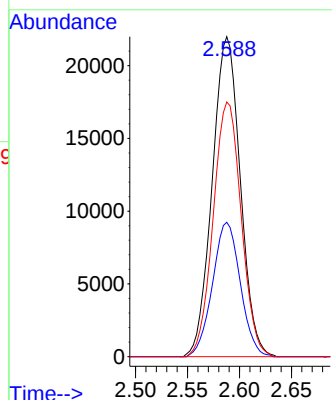
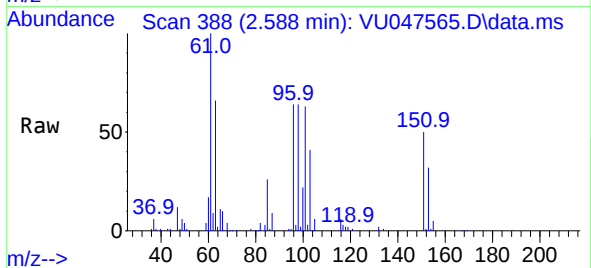




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.749 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

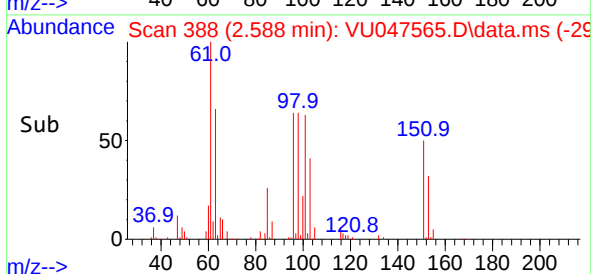
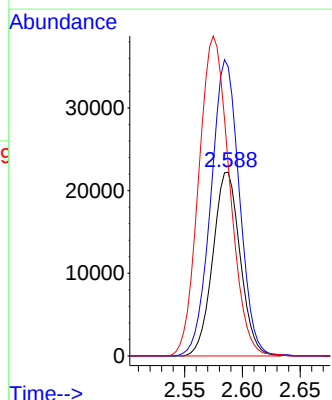
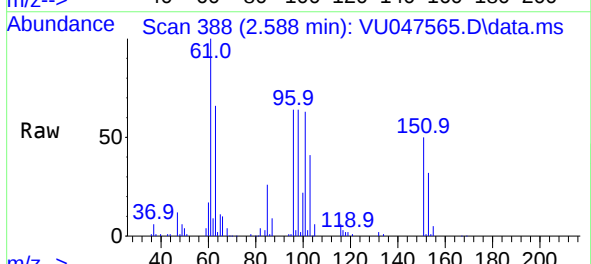
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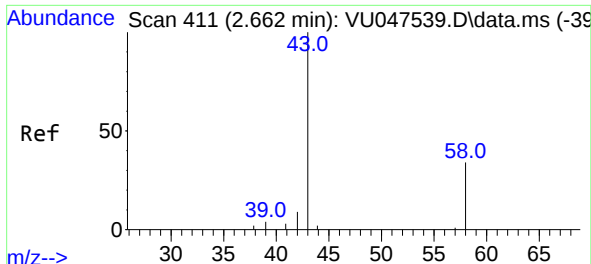
Tgt Ion:101 Resp: 41278
Ion Ratio Lower Upper
101 100
85 41.6 34.0 51.0
151 79.4 63.8 95.6



#12
1,1-Dichloroethene
Concen: 5.267 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion: 96 Resp: 36581
Ion Ratio Lower Upper
96 100
61 157.4 111.4 207.0
63 104.2 106.6 198.0#





#13

Acetone

Concen: 51.085 ug/L

RT: 2.658 min Scan# 411

Delta R.T. -0.003 min

Lab File: VU047565.D

Acq: 15 Mar 2022 09:36

Instrument :

MSVOA_U

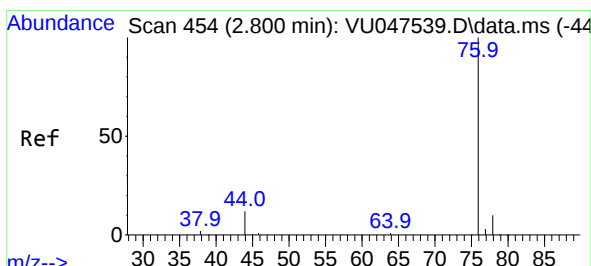
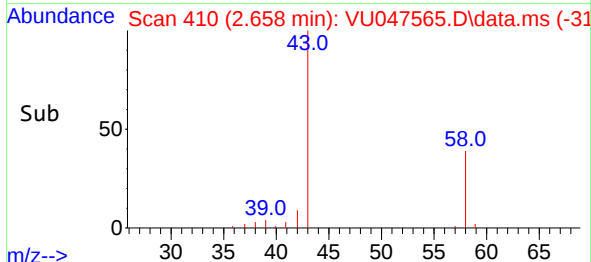
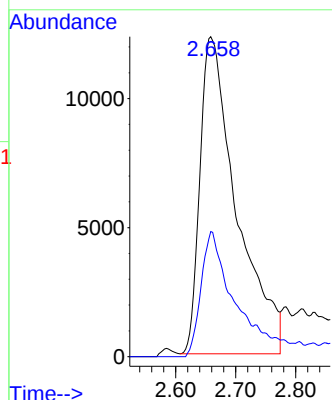
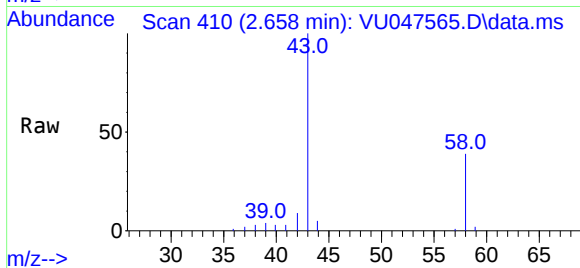
ClientSampleId :

Tgt Ion: 43 Resp: 52254

Ion Ratio Lower Upper

43 100

58 31.7 0.0 69.4



#14

Carbon disulfide

Concen: 5.085 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047565.D

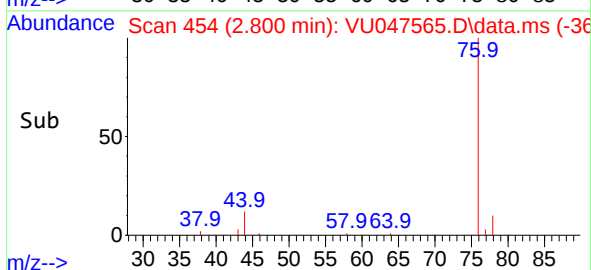
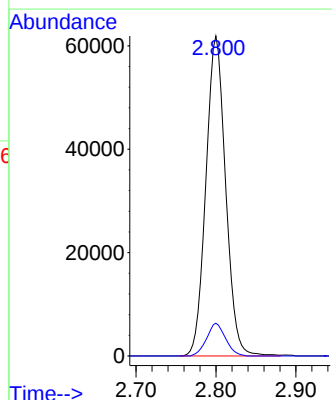
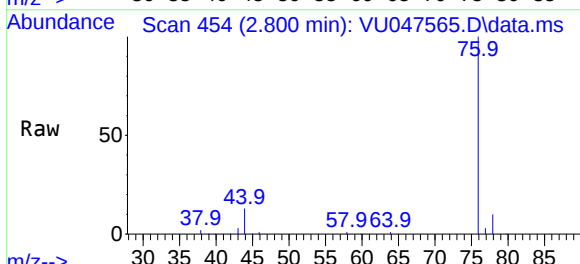
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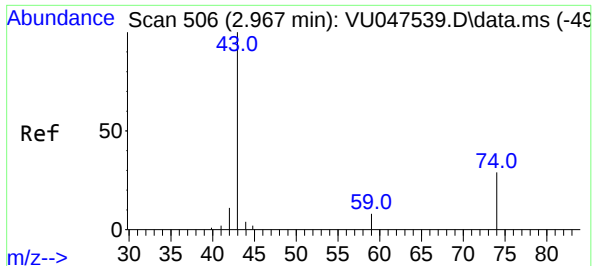
Tgt Ion: 76 Resp: 106246

Ion Ratio Lower Upper

76 100

78 10.3 7.7 11.5

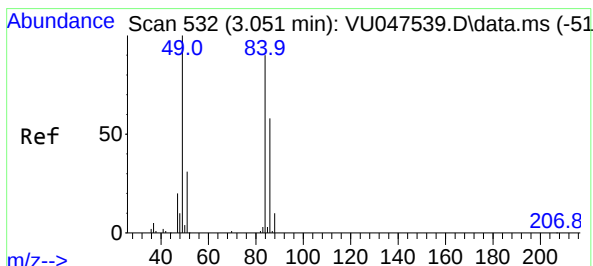
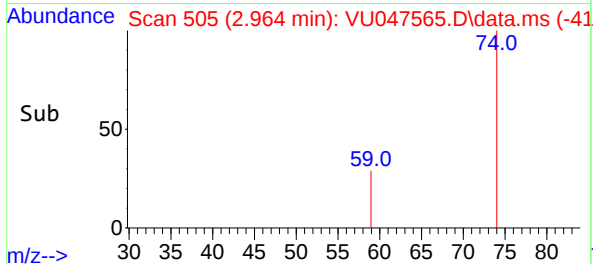
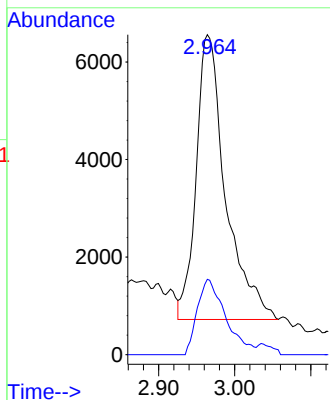
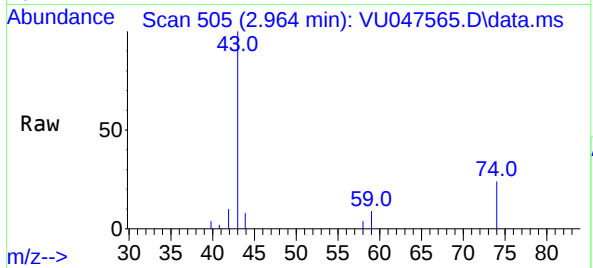




#15
Methyl Acetate
Concen: 5.556 ug/L
RT: 2.964 min Scan# 506
Delta R.T. -0.003 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

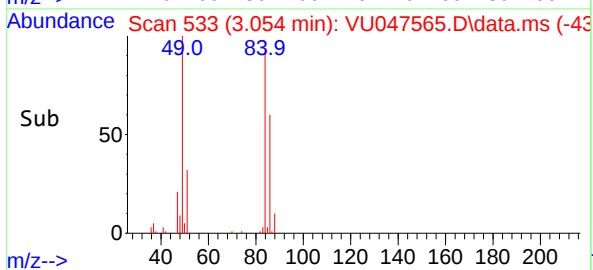
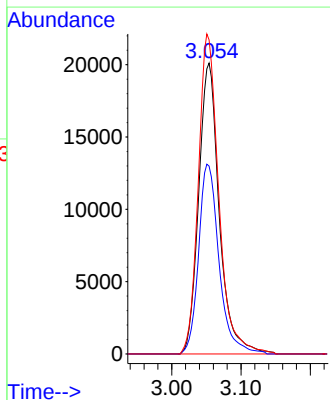
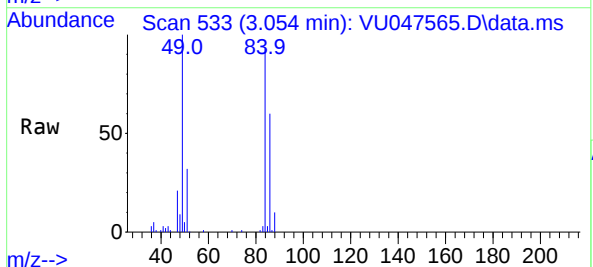
Instrument :
MSVOA_U
ClientSampleId :

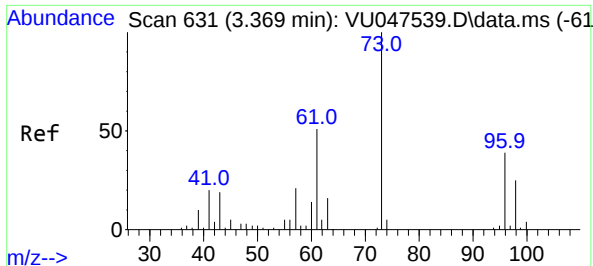
Tgt Ion: 43 Resp: 15689
Ion Ratio Lower Upper
43 100
74 25.6 21.8 32.6



#16
Methylene chloride
Concen: 4.061 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

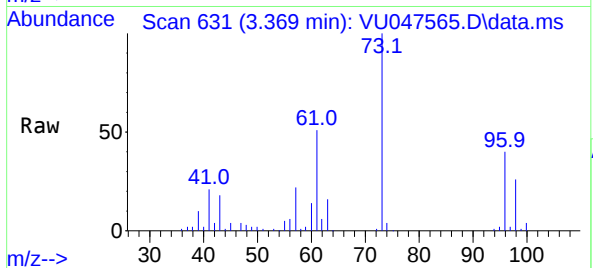
Tgt Ion: 84 Resp: 41612
Ion Ratio Lower Upper
84 100
86 64.5 45.4 84.4
49 108.0 75.0 139.4



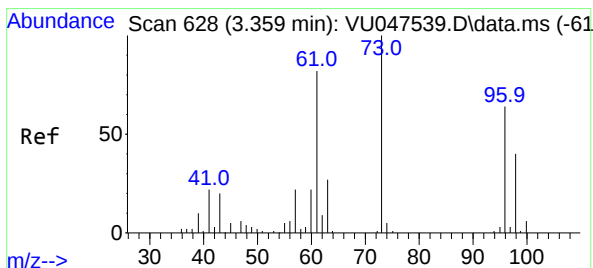
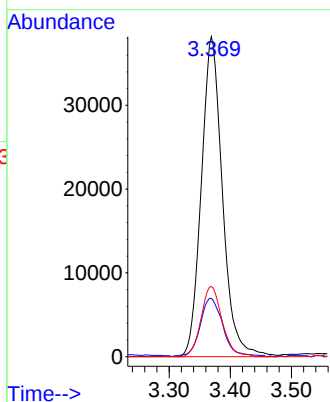
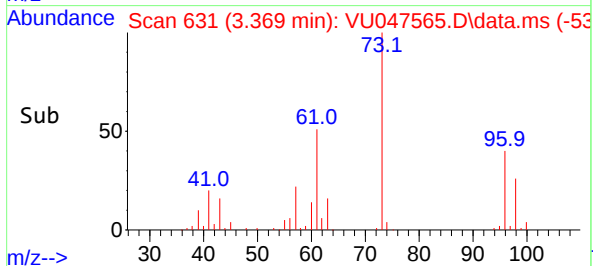


#17
Methyl tert-butyl Ether
Concen: 5.148 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

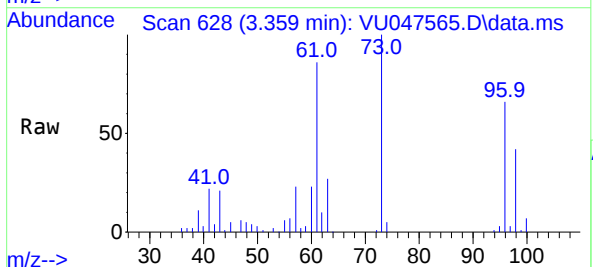
Instrument :
MSVOA_U
ClientSampleId :



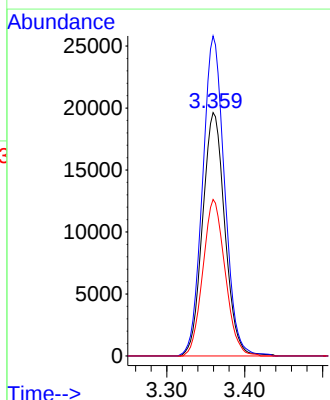
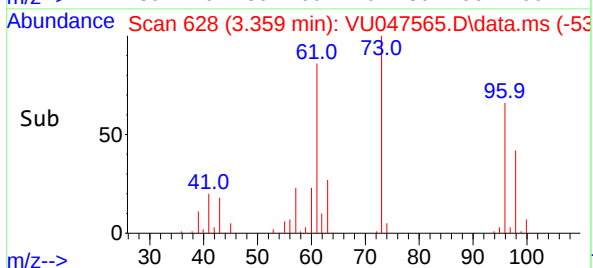
Tgt Ion: 73 Resp: 91745
Ion Ratio Lower Upper
73 100
43 19.7 15.2 22.8
57 21.8 17.2 25.8

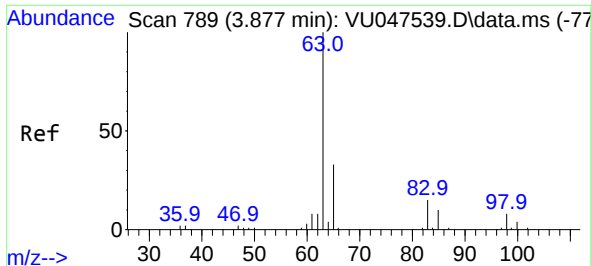


#18
trans-1,2-Dichloroethene
Concen: 5.222 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36



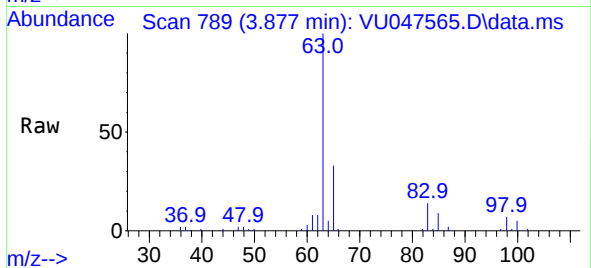
Tgt Ion: 96 Resp: 38985
Ion Ratio Lower Upper
96 100
61 131.5 91.7 170.3
98 64.3 45.1 83.7



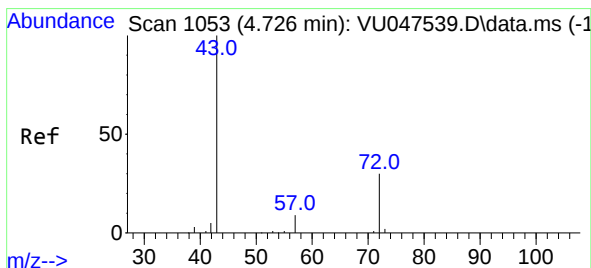
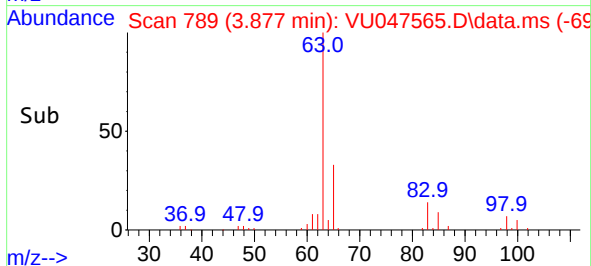
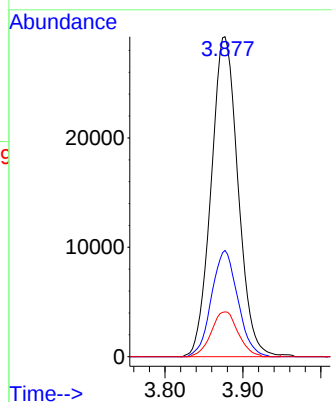


#19
1,1-Dichloroethane
Concen: 5.344 ug/L
RT: 3.877 min Scan# 701
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Instrument :
MSVOA_U
ClientSampleId :

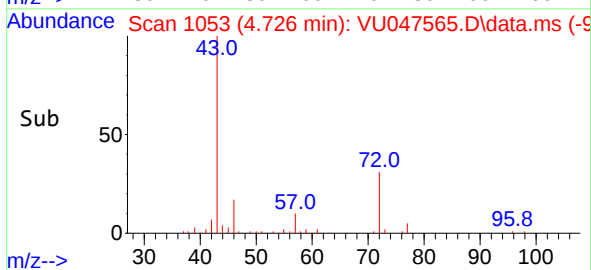
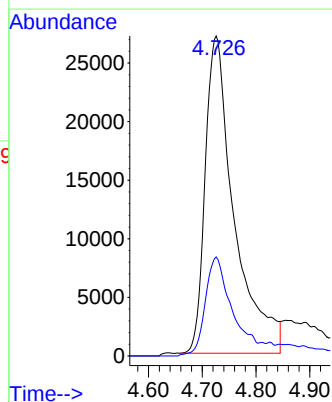
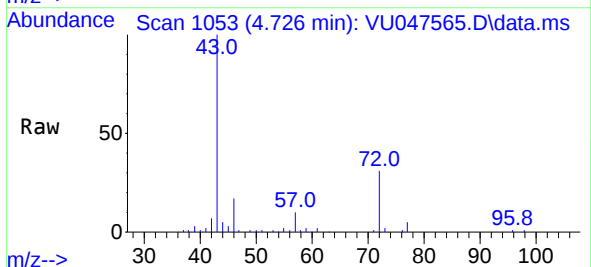


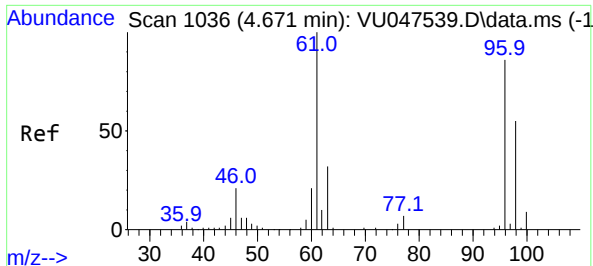
Tgt Ion: 63 Resp: 70193
Ion Ratio Lower Upper
63 100
65 33.2 21.8 40.6
83 14.0 10.8 20.0



#21
2-Butanone
Concen: 52.110 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

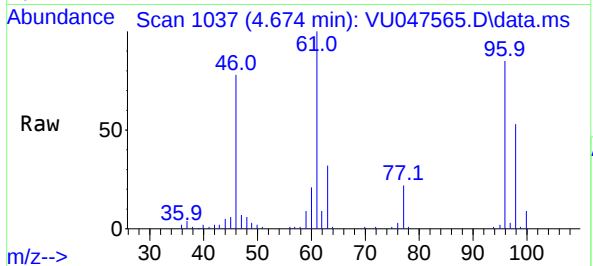
Tgt Ion: 43 Resp: 101413
Ion Ratio Lower Upper
43 100
72 28.7 14.9 44.7



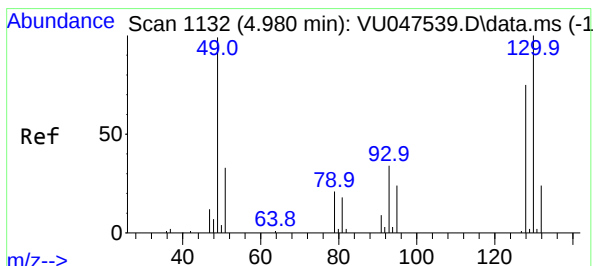
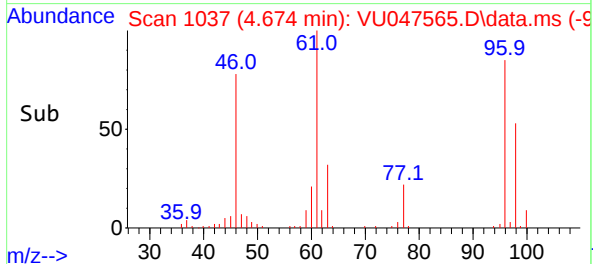
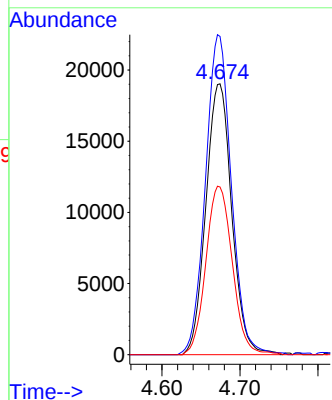


#22
cis-1,2-Dichloroethene
Concen: 5.319 ug/L
RT: 4.674 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Instrument :
MSVOA_U
ClientSampleId :

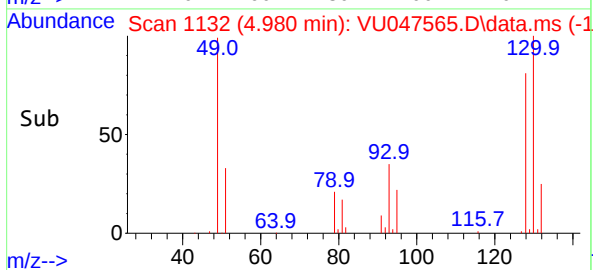
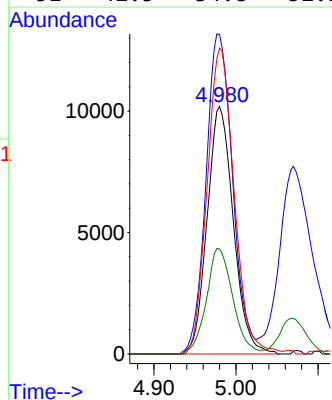
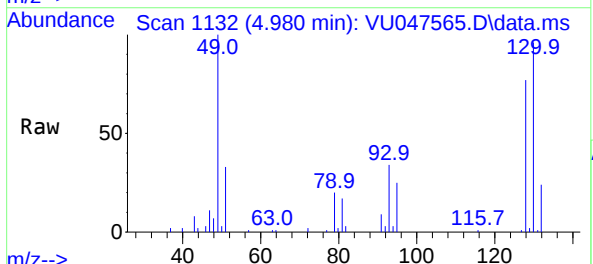


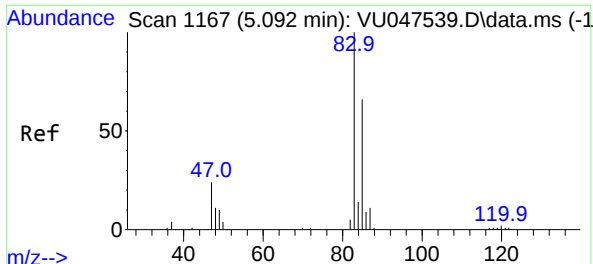
Tgt Ion: 96 Resp: 44058
Ion Ratio Lower Upper
96 100
61 117.5 83.9 155.7
98 61.9 46.4 86.2



#23
Bromochloromethane
Concen: 5.381 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion: 128 Resp: 22622
Ion Ratio Lower Upper
128 100
49 129.2 89.6 166.4
130 123.7 87.3 162.1
51 42.5 34.8 52.2

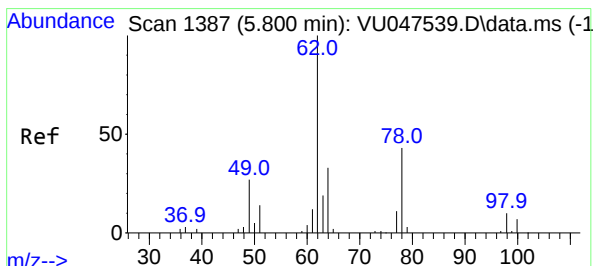
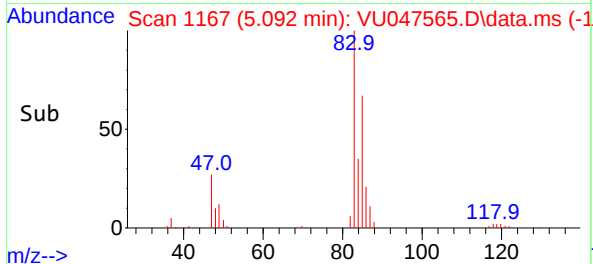
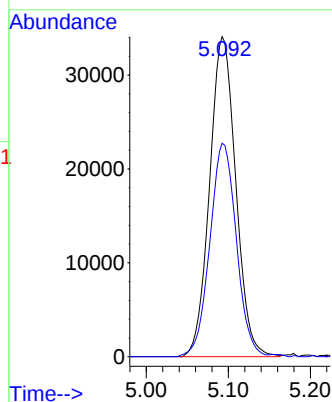
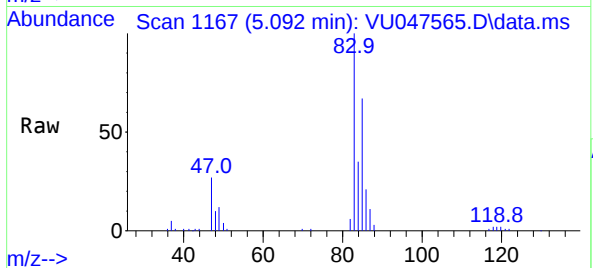




#25
Chloroform
Concen: 5.234 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

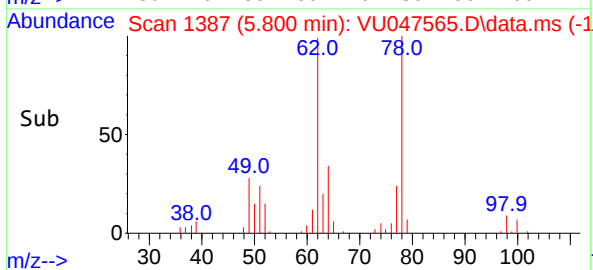
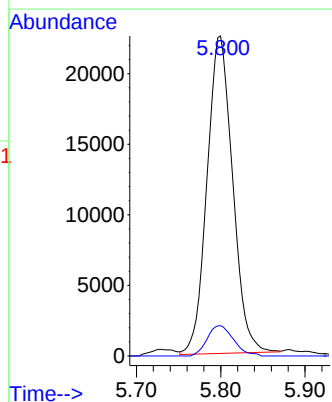
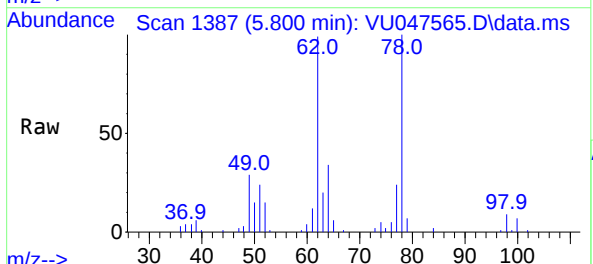
Instrument :
MSVOA_U
ClientSampleId :

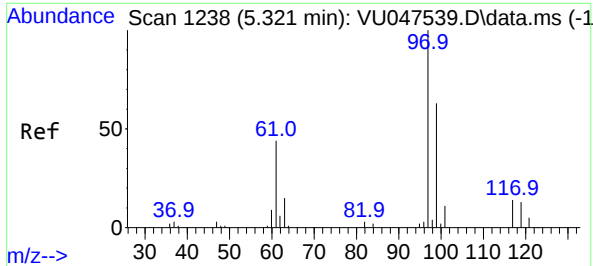
Tgt Ion: 83 Resp: 75574
Ion Ratio Lower Upper
83 100
85 66.7 45.2 84.0



#27
1,2-Dichloroethane
Concen: 5.148 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion: 62 Resp: 47541
Ion Ratio Lower Upper
62 100
98 9.5 7.7 11.5



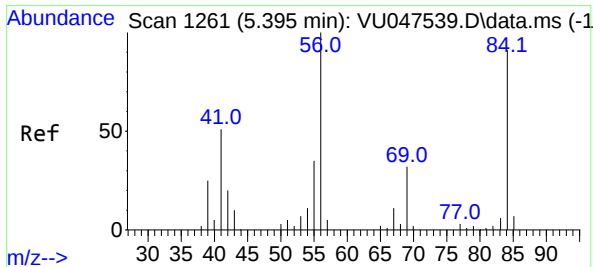
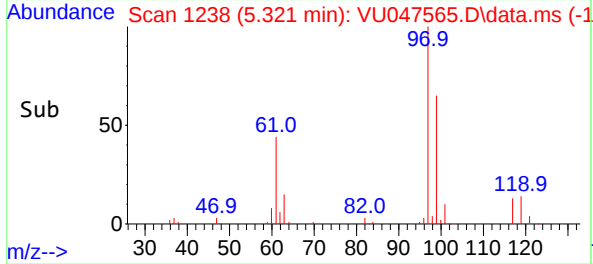
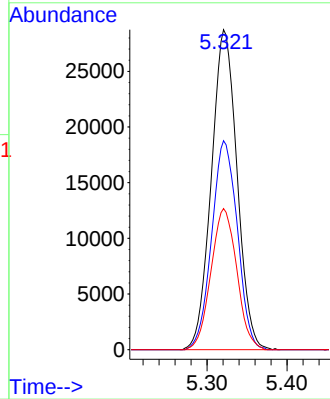
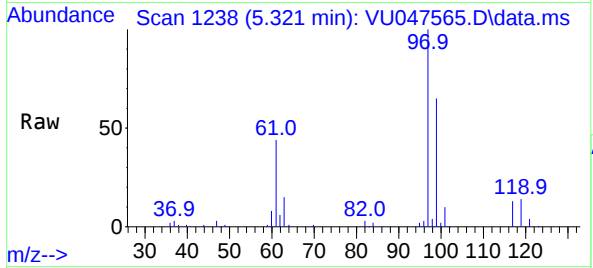


#29
1,1,1-Trichloroethane
Concen: 5.223 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 64125

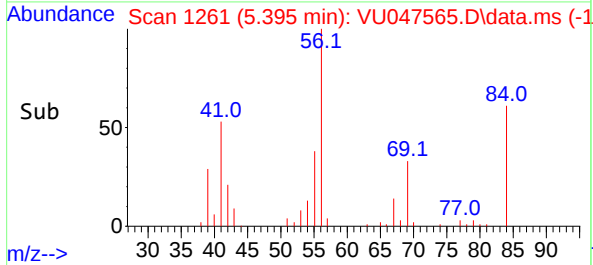
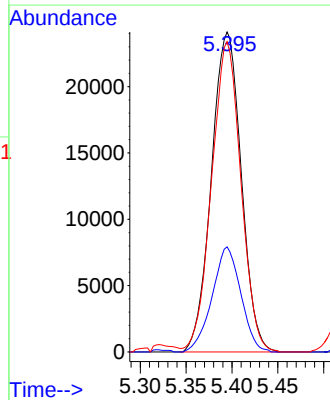
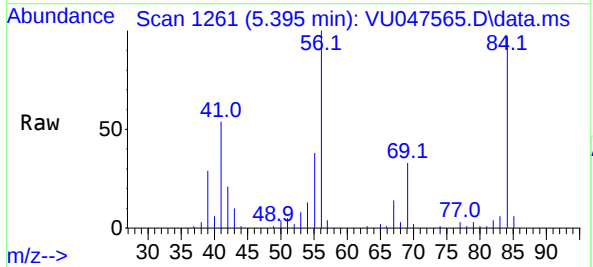
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.2	76.8
61	44.4	35.0	52.4

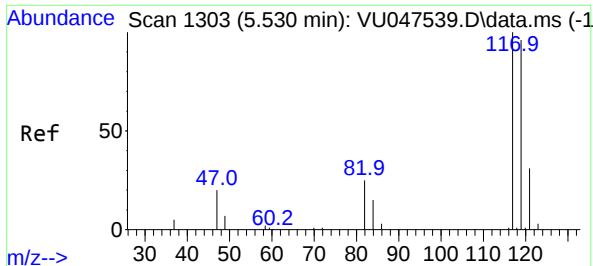


#30
Cyclohexane
Concen: 5.141 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion: 56 Resp: 54502

Ion	Ratio	Lower	Upper
56	100		
69	31.6	26.0	39.0
84	95.4	76.2	114.4

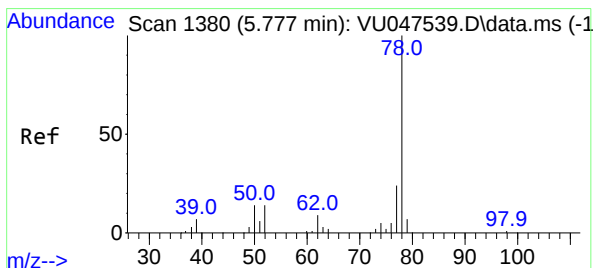
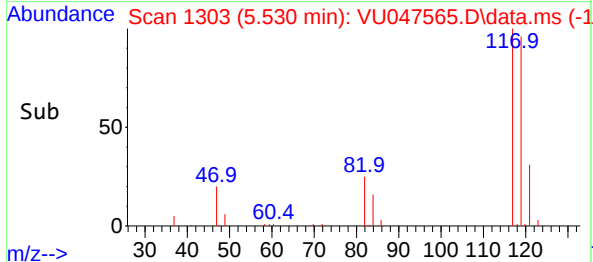
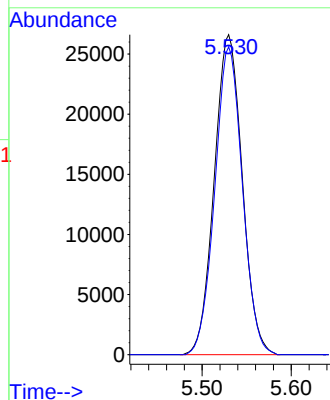
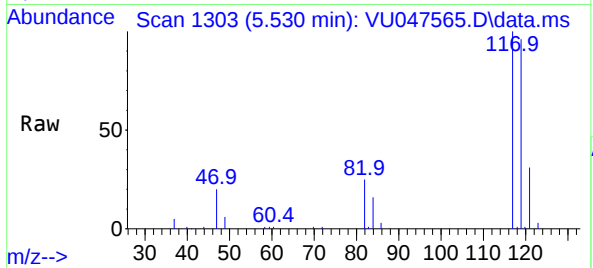




#31
Carbon tetrachloride
Concen: 5.381 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

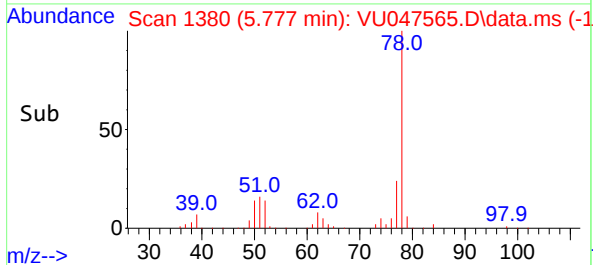
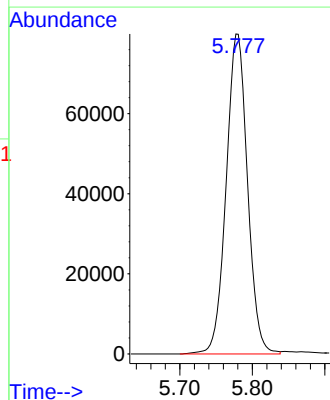
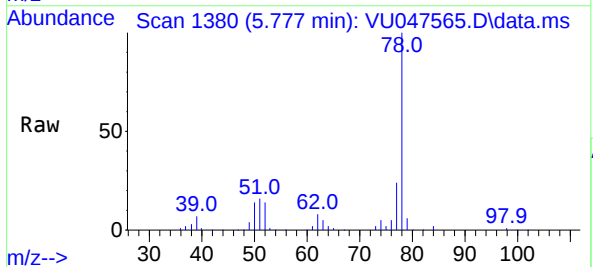
Instrument :
MSVOA_U
ClientSampleId :

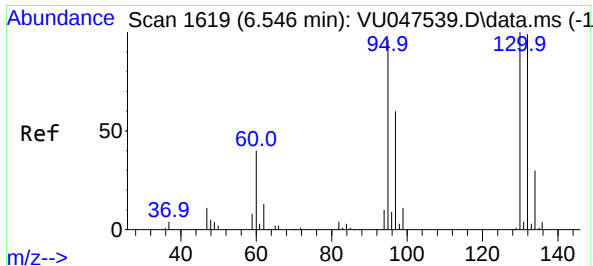
Tgt Ion:117 Resp: 58110
Ion Ratio Lower Upper
117 100
119 94.8 76.9 115.3



#33
Benzene
Concen: 5.234 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

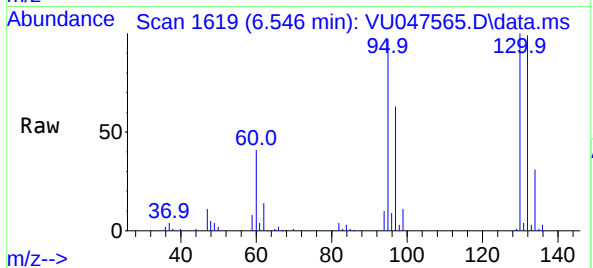
Tgt Ion: 78 Resp: 163275



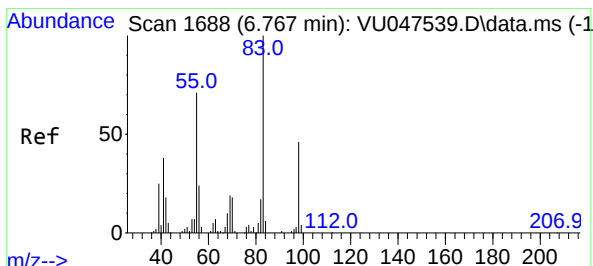
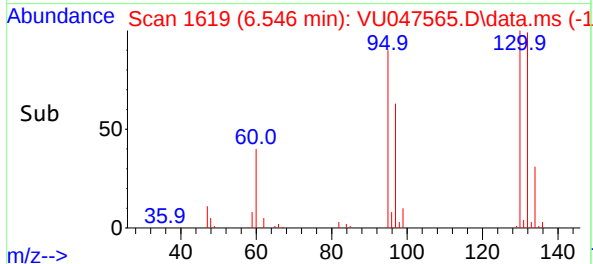
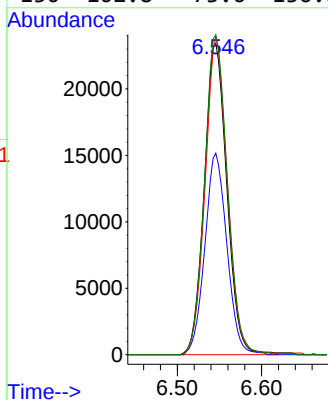


#34
Trichloroethene
Concen: 5.286 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Instrument :
MSVOA_U
ClientSampleId :

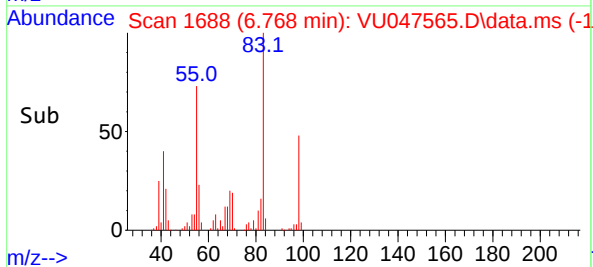
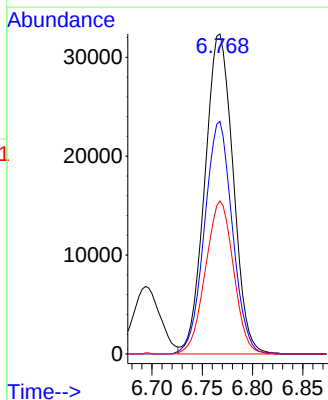
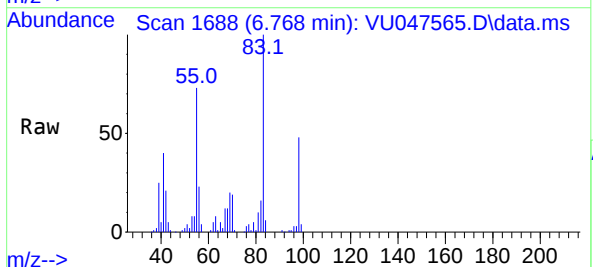


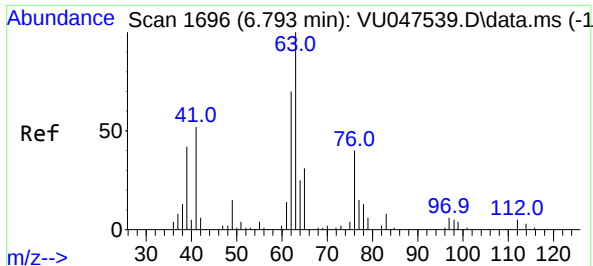
Tgt Ion: 95 Resp: 43691
Ion Ratio Lower Upper
95 100
97 64.7 46.3 85.9
132 102.0 70.7 131.3
130 102.8 73.6 136.8



#35
Methylcyclohexane
Concen: 5.314 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion: 83 Resp: 63218
Ion Ratio Lower Upper
83 100
55 71.7 57.3 85.9
98 47.4 37.5 56.3

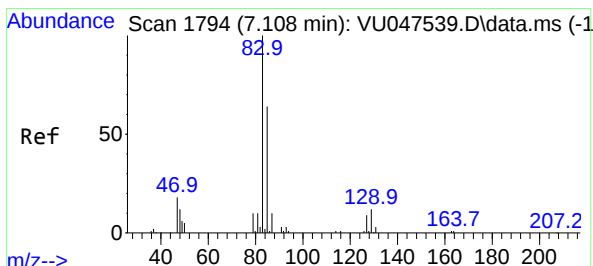
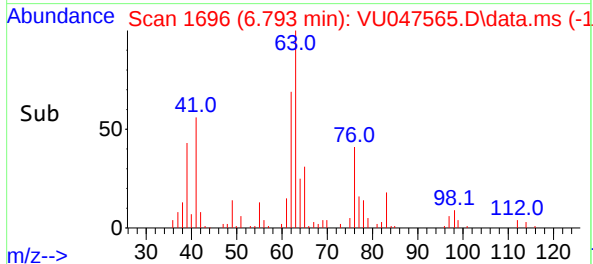
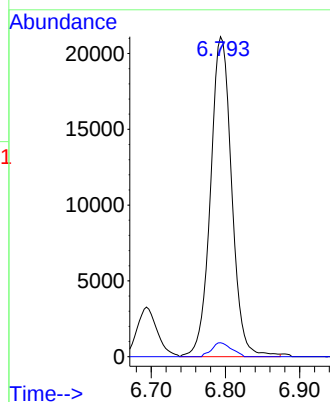
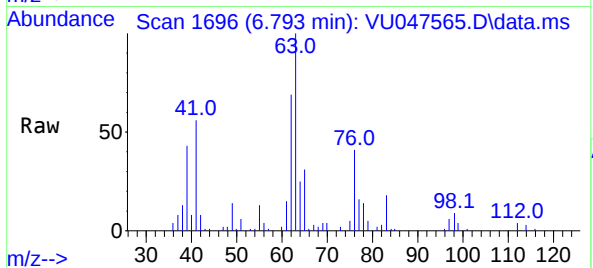




#37
1,2-Dichloropropane
Concen: 5.243 ug/L
RT: 6.793 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

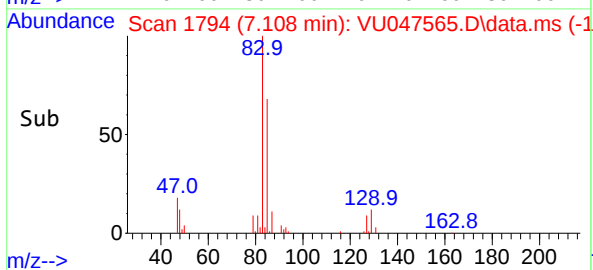
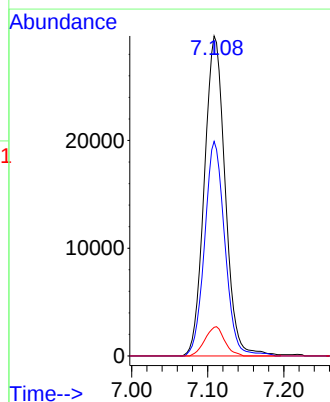
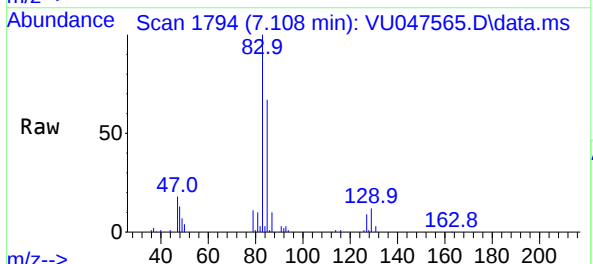
Instrument :
MSVOA_U
ClientSampleId :

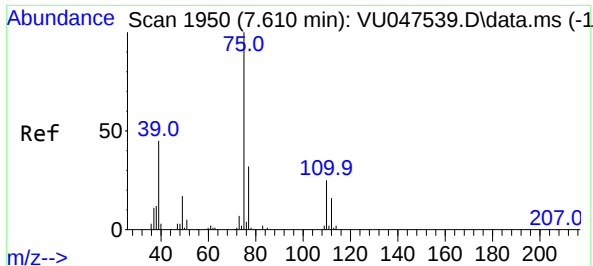
Tgt Ion: 63 Resp: 41915
Ion Ratio Lower Upper
63 100
112 4.0 3.4 5.0



#38
Bromodichloromethane
Concen: 5.132 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion: 83 Resp: 56494
Ion Ratio Lower Upper
83 100
85 67.0 44.2 82.0
127 8.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 4.920 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047565.D

Acq: 15 Mar 2022 09:36

Instrument :

MSVOA_U

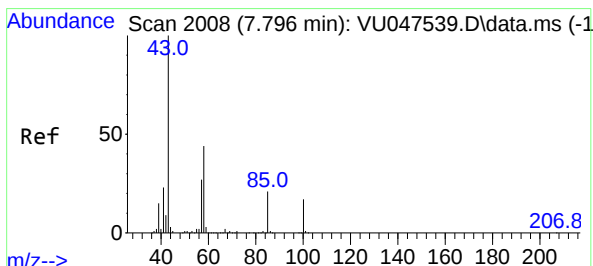
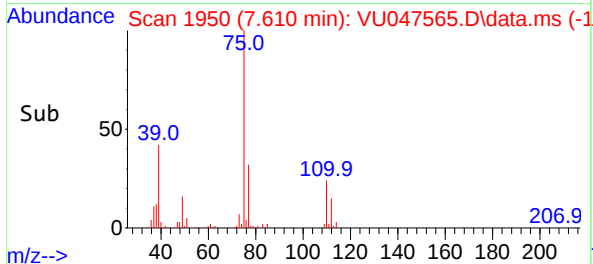
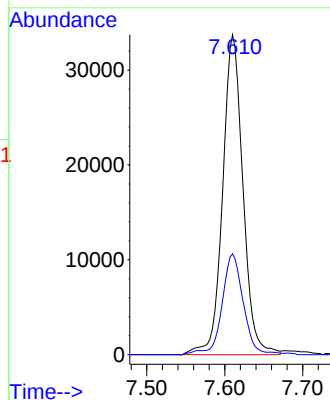
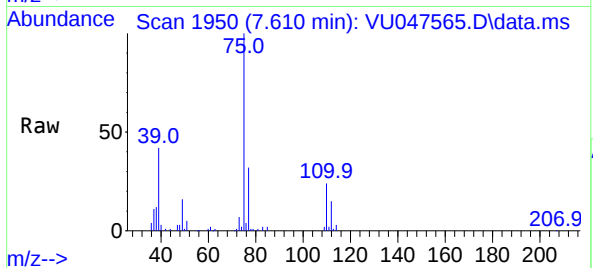
ClientSampleId :

Tgt Ion: 75 Resp: 61121

Ion Ratio Lower Upper

75 100

77 31.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 49.681 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU047565.D

Acq: 15 Mar 2022 09:36

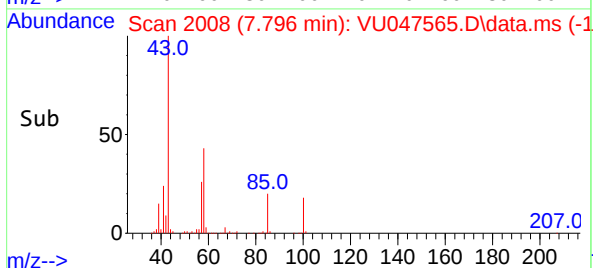
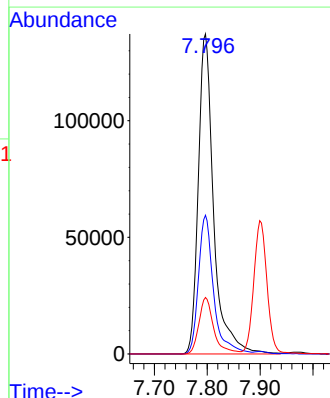
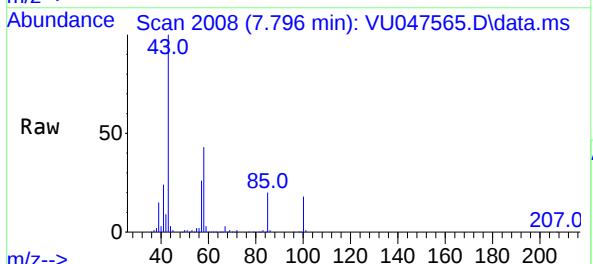
Tgt Ion: 43 Resp: 276826

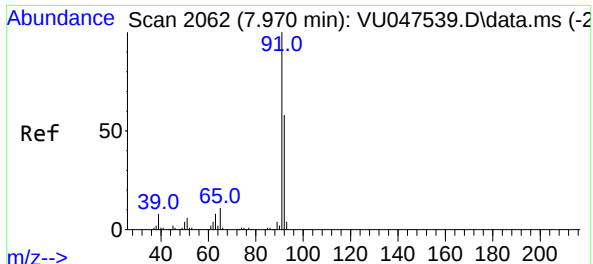
Ion Ratio Lower Upper

43 100

58 42.7 34.5 51.7

100 17.2 13.8 20.6

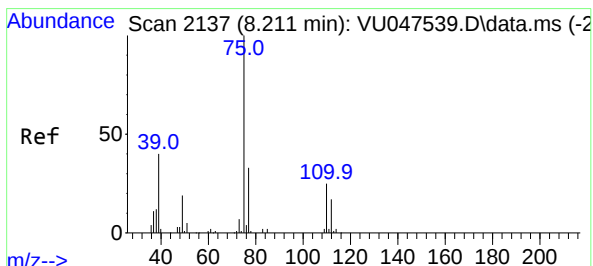
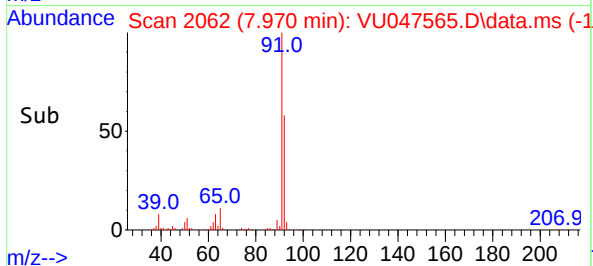
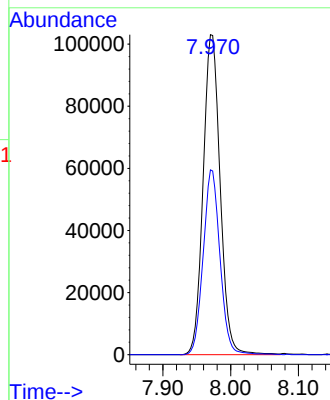
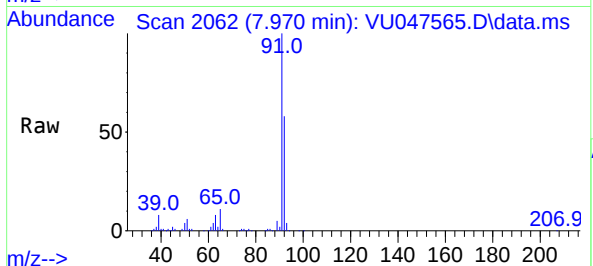




#42
Toluene
Concen: 5.319 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

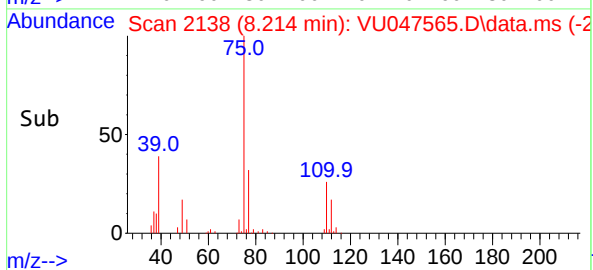
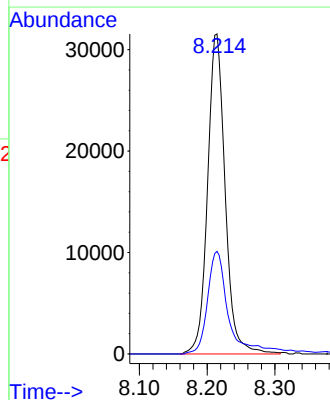
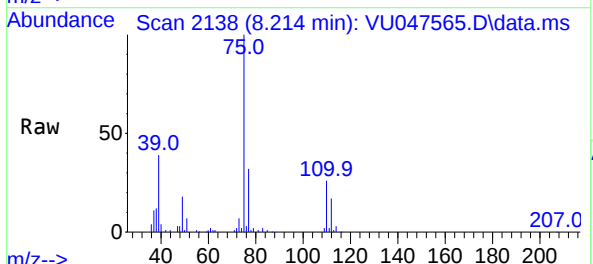
Instrument :
MSVOA_U
ClientSampleId :

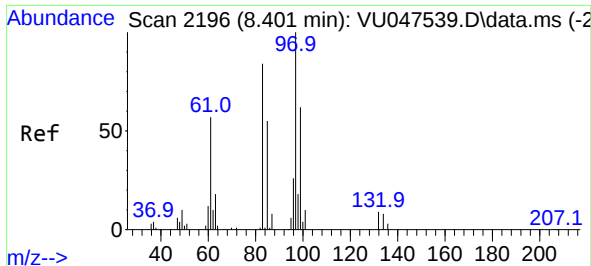
Tgt Ion: 91 Resp: 179873
Ion Ratio Lower Upper
91 100
92 57.7 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 5.133 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion: 75 Resp: 56877
Ion Ratio Lower Upper
75 100
77 32.1 23.4 43.6





#45

1,1,2-Trichloroethane

Concen: 5.193 ug/L

RT: 8.404 min Scan# 2196

Delta R.T. 0.003 min

Lab File: VU047565.D

Acq: 15 Mar 2022 09:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 35590

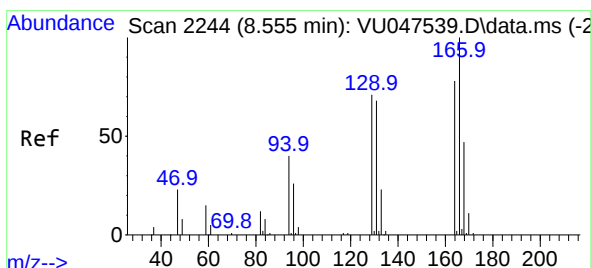
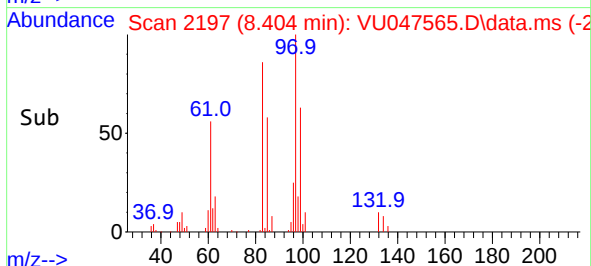
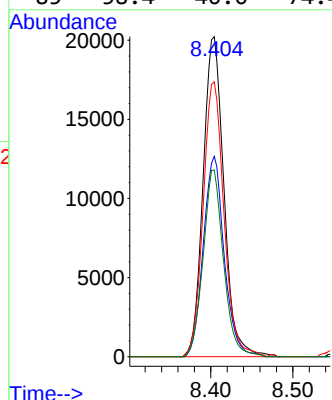
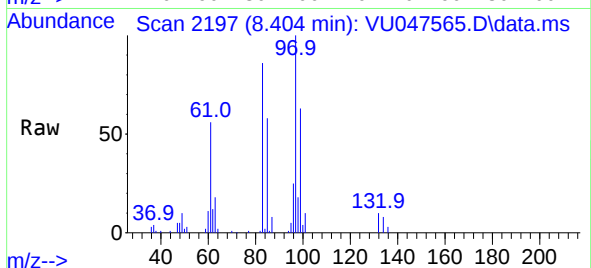
Ion Ratio Lower Upper

97 100

99 62.6 45.3 84.1

83 85.9 62.2 115.6

85 58.4 40.0 74.4



#47

Tetrachloroethene

Concen: 5.267 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047565.D

Acq: 15 Mar 2022 09:36

Tgt Ion:164 Resp: 37133

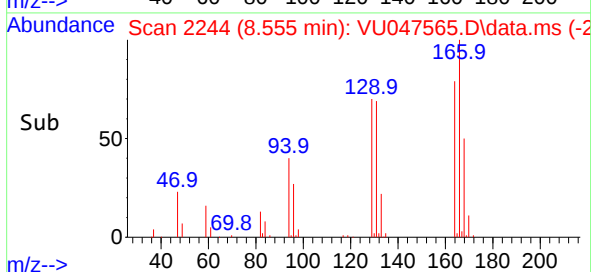
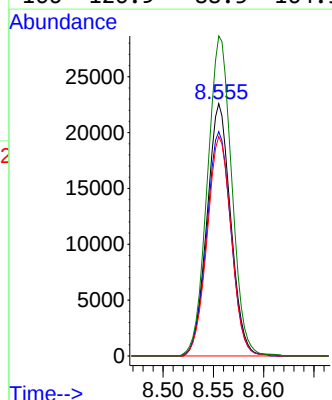
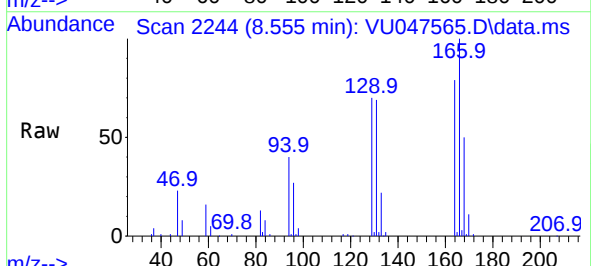
Ion Ratio Lower Upper

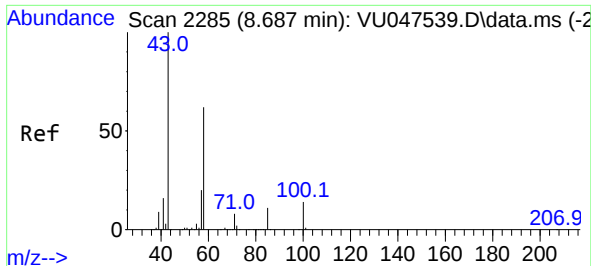
164 100

129 88.9 63.5 117.9

131 86.9 60.5 112.5

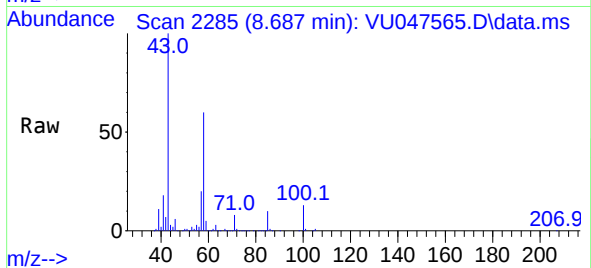
166 126.9 88.5 164.3



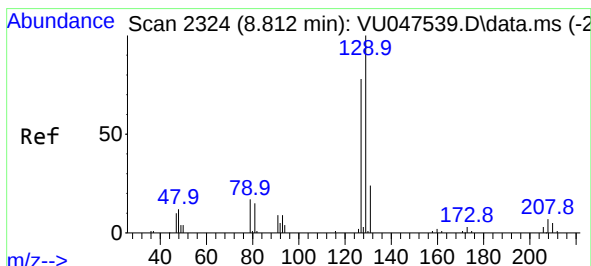
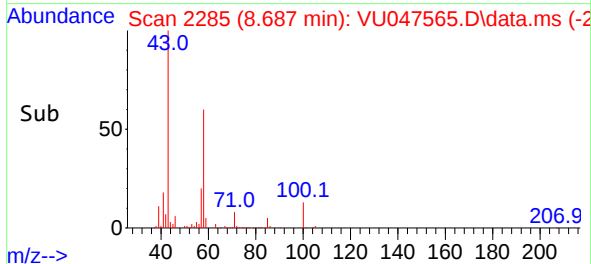
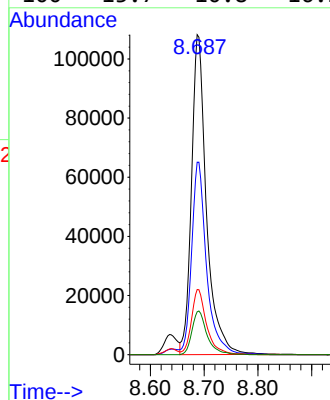


#48
2-Hexanone
Concen: 49.466 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Instrument :
MSVOA_U
ClientSampleId :

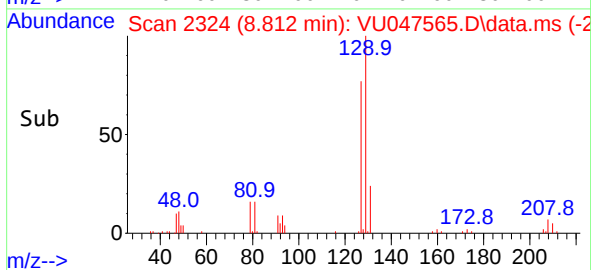
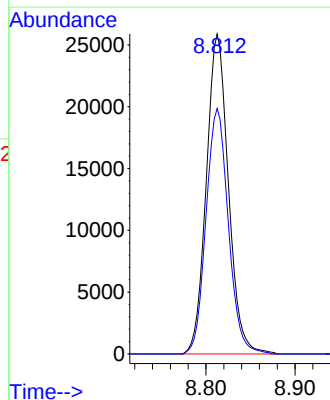
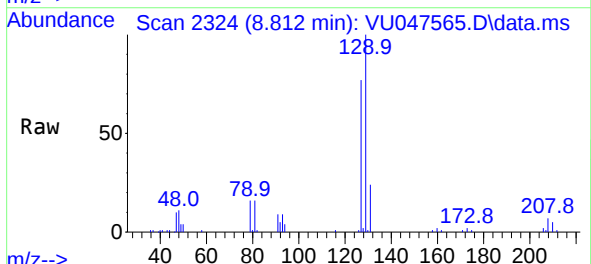


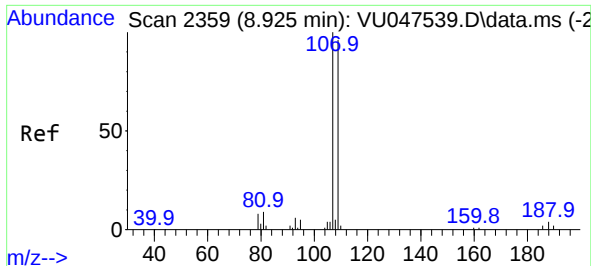
Tgt Ion: 43 Resp: 209772
Ion Ratio Lower Upper
43 100
58 60.2 47.5 71.3
57 20.8 16.0 24.0
100 13.7 10.8 16.2



#49
Dibromochloromethane
Concen: 5.284 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

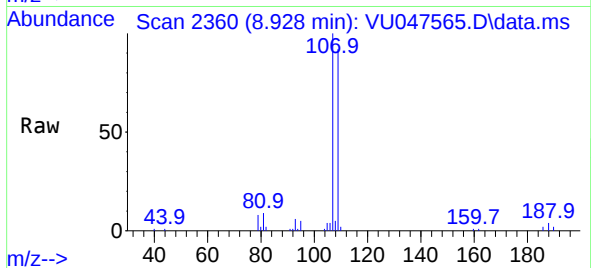
Tgt Ion: 129 Resp: 44604
Ion Ratio Lower Upper
129 100
127 76.7 53.6 99.6



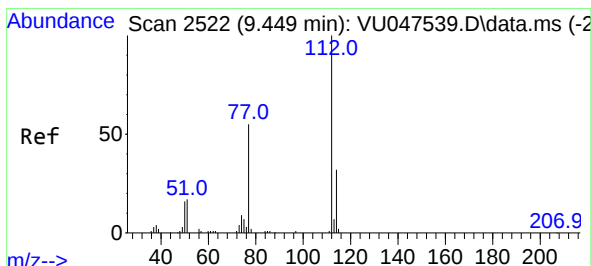
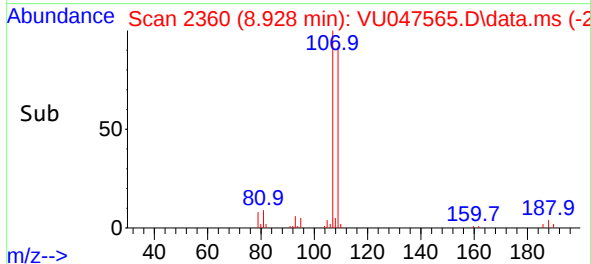
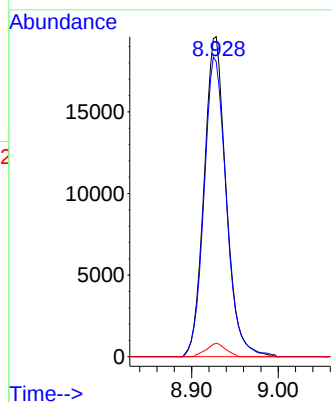


#50
1,2-Dibromoethane
Concen: 5.120 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Instrument :
MSVOA_U
ClientSampleId :

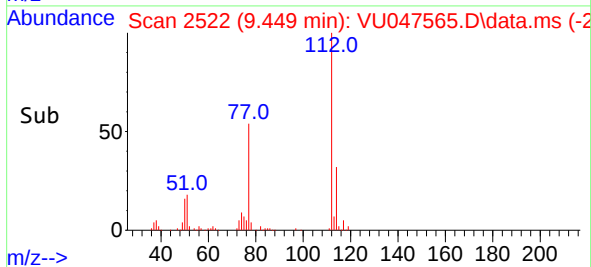
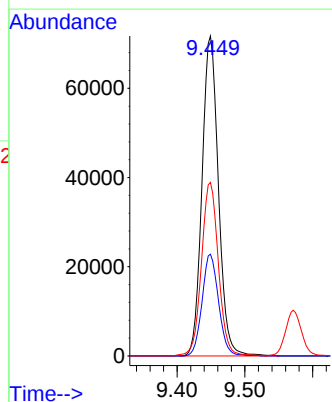
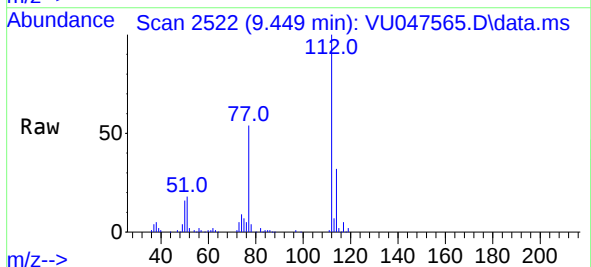


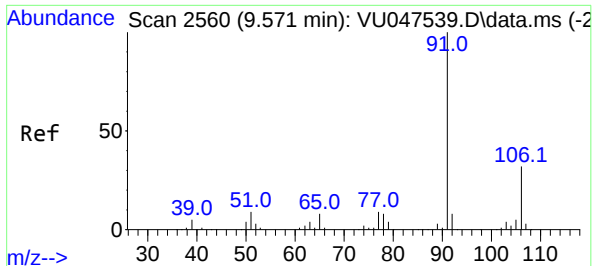
Tgt Ion:107 Resp: 34694
Ion Ratio Lower Upper
107 100
109 92.2 65.3 121.3
188 4.2 3.2 4.8



#51
Chlorobenzene
Concen: 5.230 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion:112 Resp: 120808
Ion Ratio Lower Upper
112 100
114 31.8 22.0 40.8
77 54.2 43.7 65.5

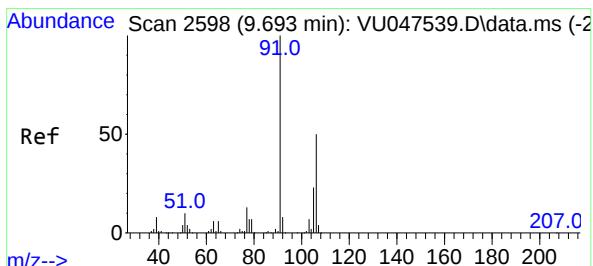
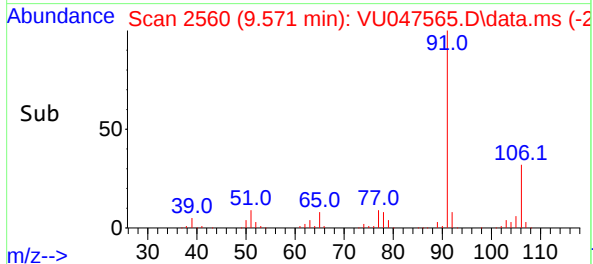
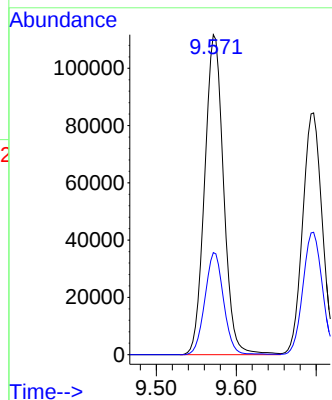
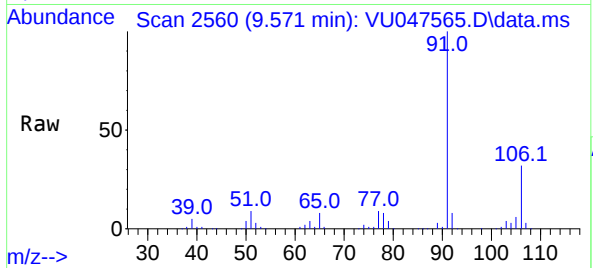




#52
Ethylbenzene
Concen: 5.143 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

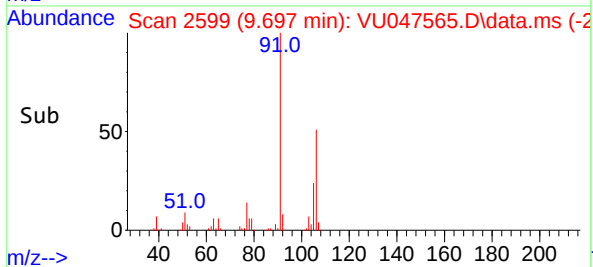
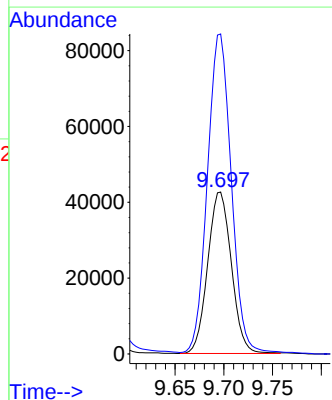
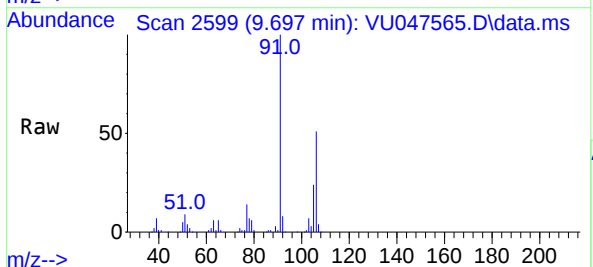
Instrument :
MSVOA_U
ClientSampleId :

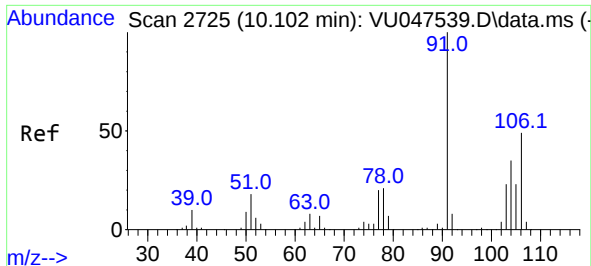
Tgt Ion: 91 Resp: 184187
Ion Ratio Lower Upper
91 100
106 31.9 22.2 41.2



#53
m,p-Xylene
Concen: 5.201 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion: 106 Resp: 72017
Ion Ratio Lower Upper
106 100
91 197.5 136.6 253.8

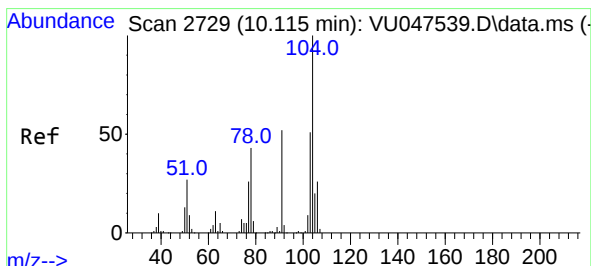
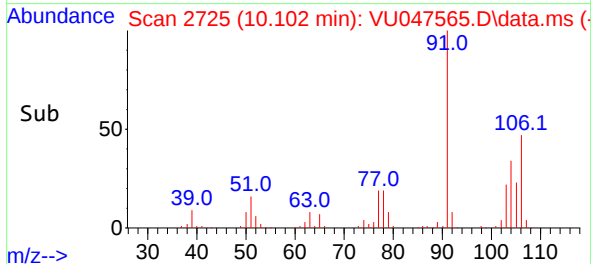
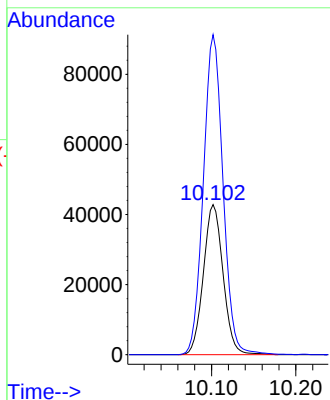
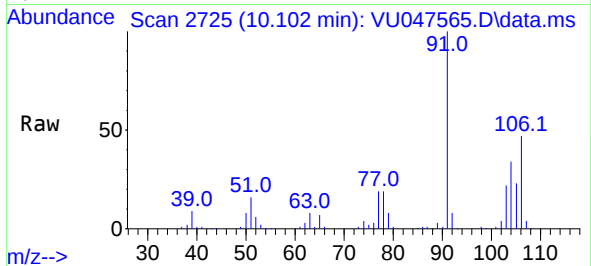




#54
o-Xylene
Concen: 5.099 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

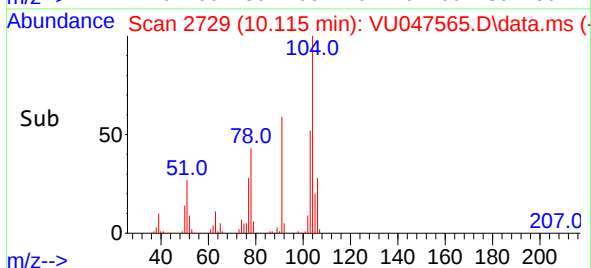
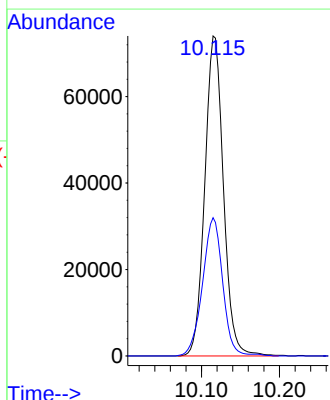
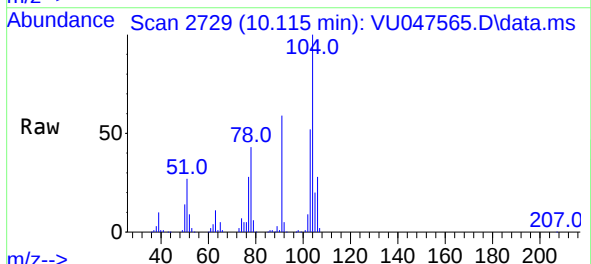
Instrument :
MSVOA_U
ClientSampleId :

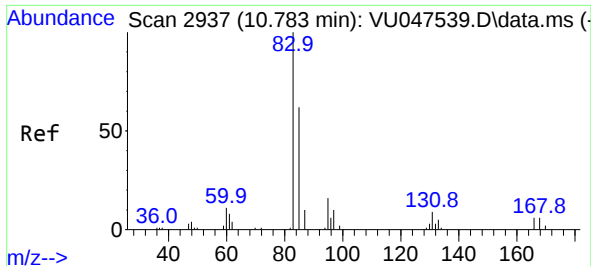
Tgt Ion:106 Resp: 69750
Ion Ratio Lower Upper
106 100
91 213.2 148.5 275.9



#55
Styrene
Concen: 5.238 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion:104 Resp: 123062
Ion Ratio Lower Upper
104 100
78 43.2 31.0 57.6

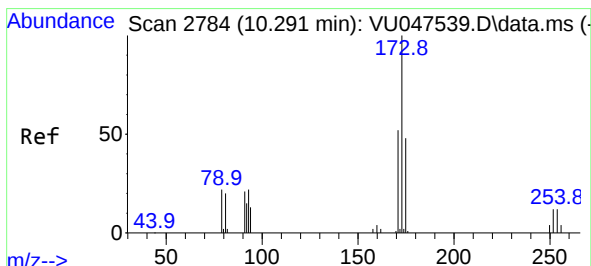
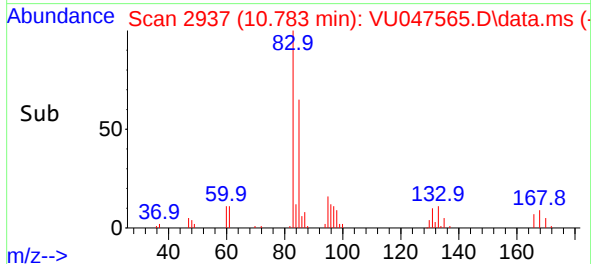
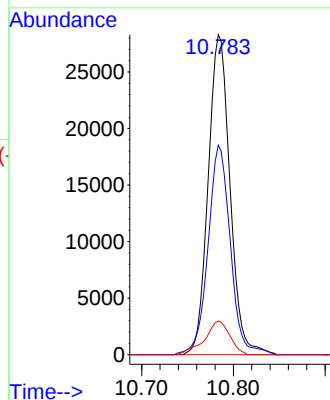
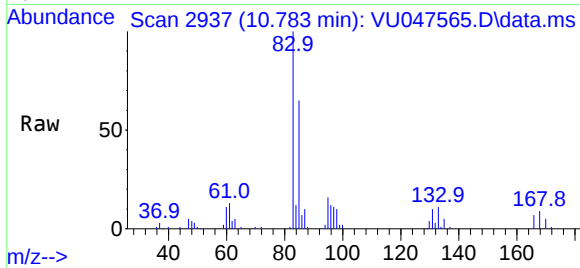




#57
1,1,2,2-Tetrachloroethane
Concen: 5.094 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

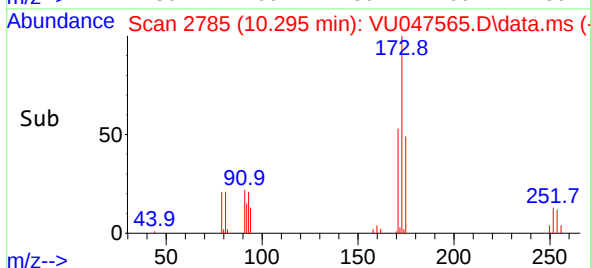
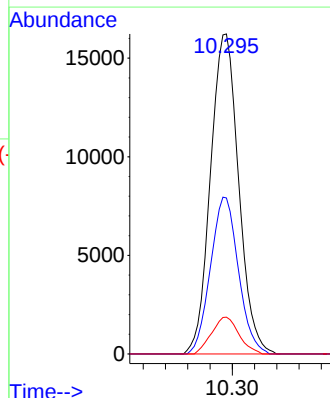
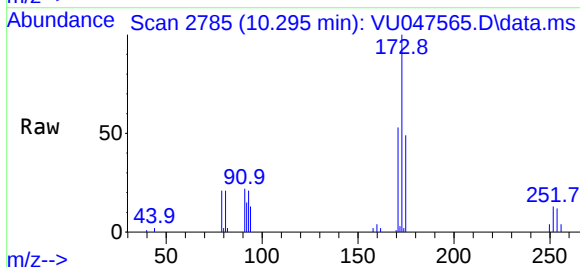
Instrument :
MSVOA_U
ClientSampleId :

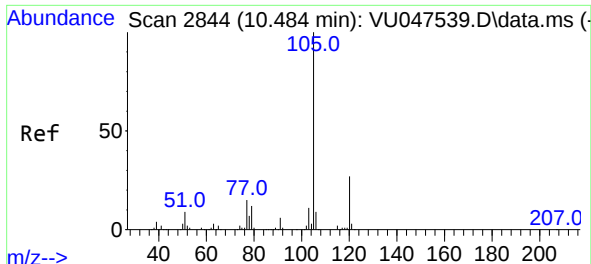
Tgt Ion: 83 Resp: 46807
Ion Ratio Lower Upper
83 100
85 65.5 46.7 86.7
131 10.5 8.0 12.0



#59
Bromoform
Concen: 5.220 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

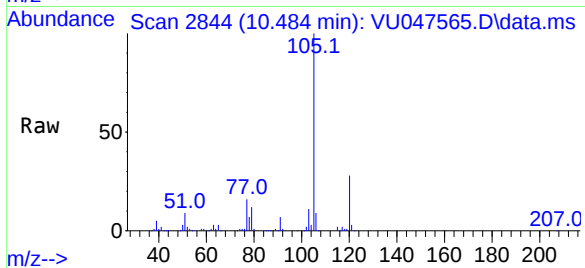
Tgt Ion:173 Resp: 28482
Ion Ratio Lower Upper
173 100
175 48.5 39.7 59.5
254 11.2 9.0 13.6



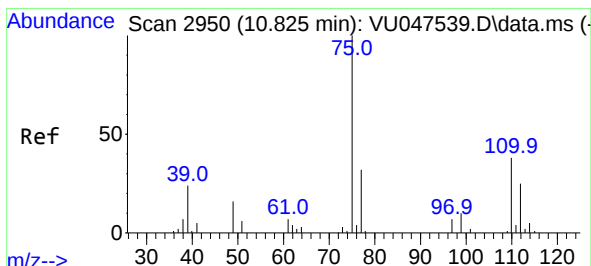
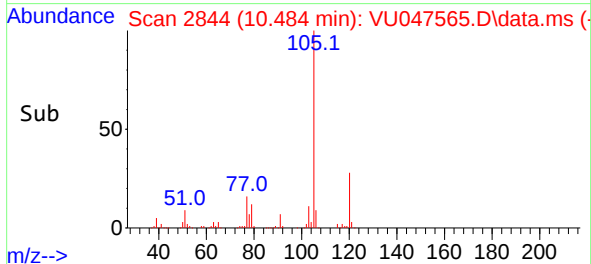
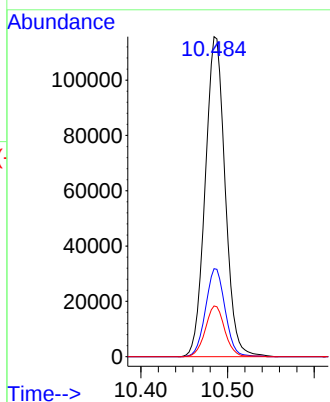


#60
Isopropylbenzene
Concen: 5.276 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Instrument :
MSVOA_U
ClientSampleId :

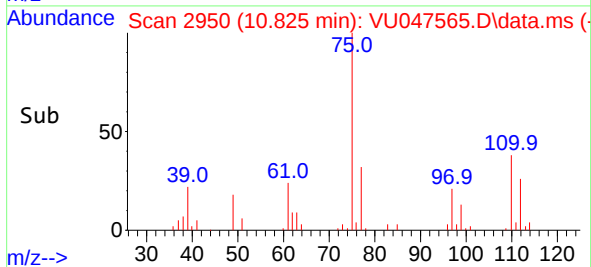
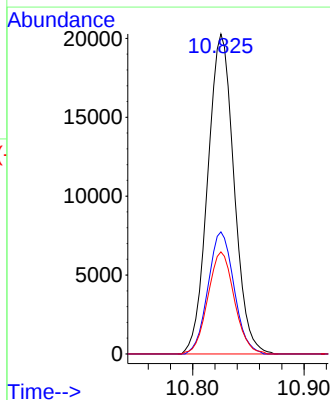
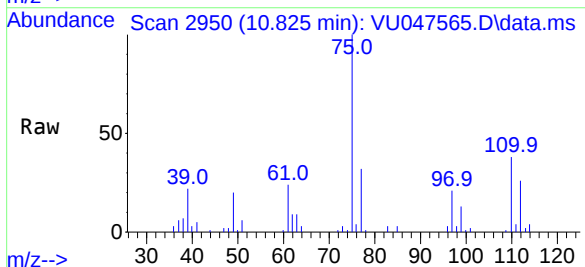


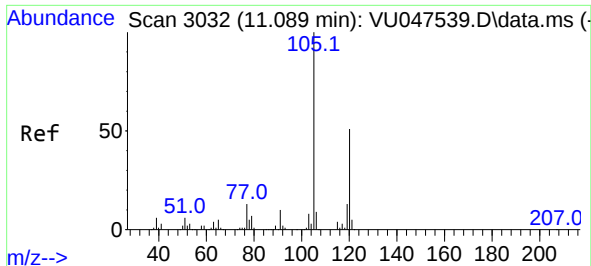
Tgt Ion:105 Resp: 184345
Ion Ratio Lower Upper
105 100
120 27.1 22.2 33.4
77 15.5 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.126 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion: 75 Resp: 33252
Ion Ratio Lower Upper
75 100
110 37.7 30.2 45.4
77 32.1 26.6 39.8

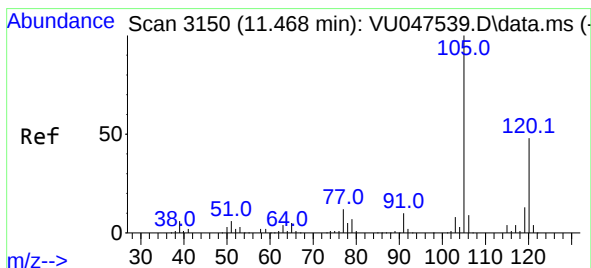
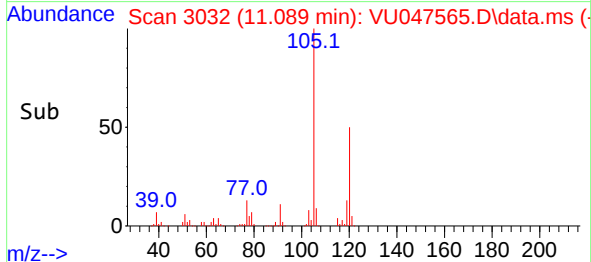
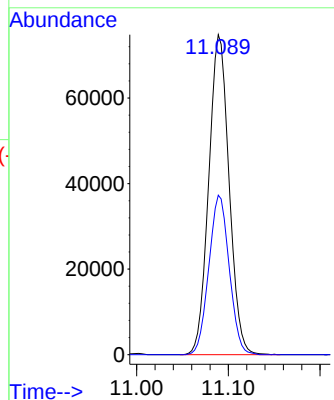
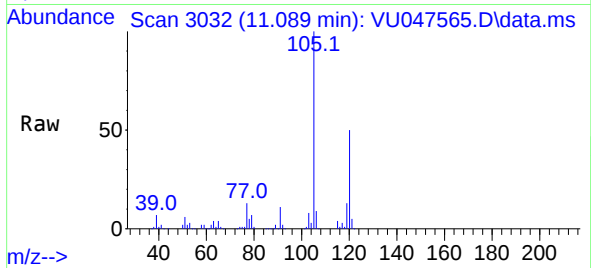




#62
1,3,5-Trimethylbenzene
Concen: 5.167 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

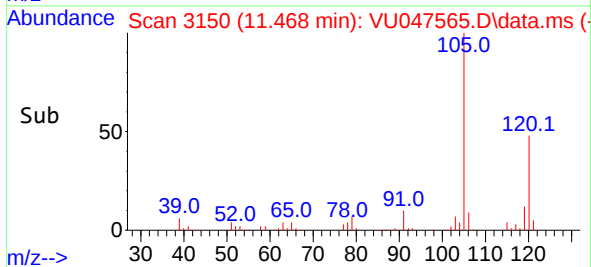
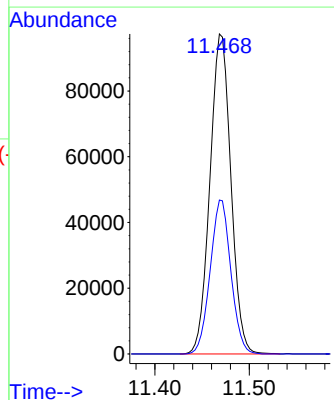
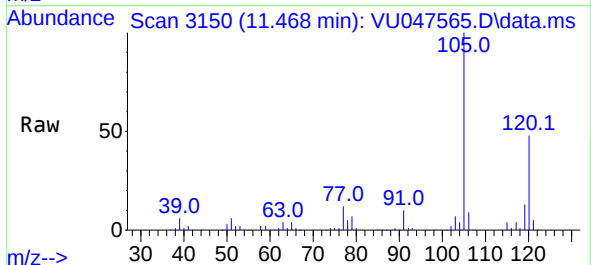
Instrument :
MSVOA_U
ClientSampleId :

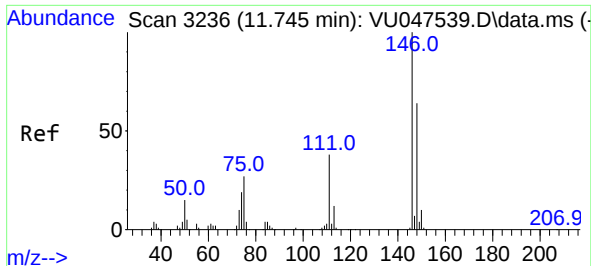
Tgt Ion:105 Resp: 115254
Ion Ratio Lower Upper
105 100
120 50.0 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 5.177 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion:105 Resp: 149911
Ion Ratio Lower Upper
105 100
120 47.4 38.2 57.4

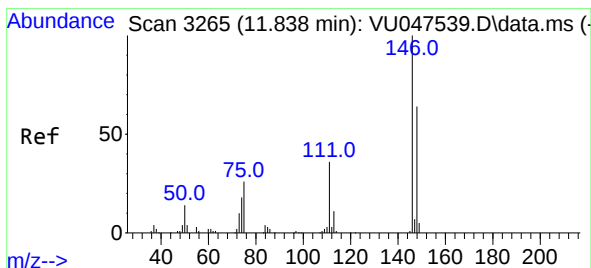
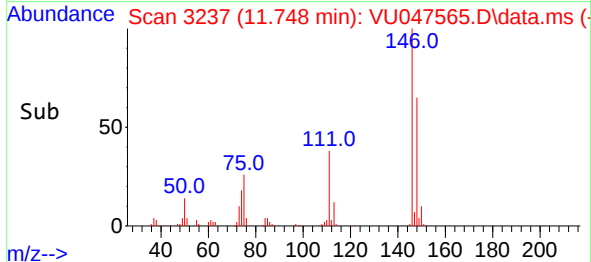
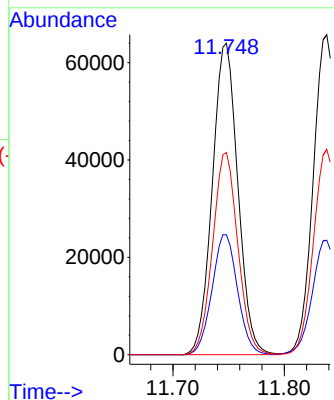
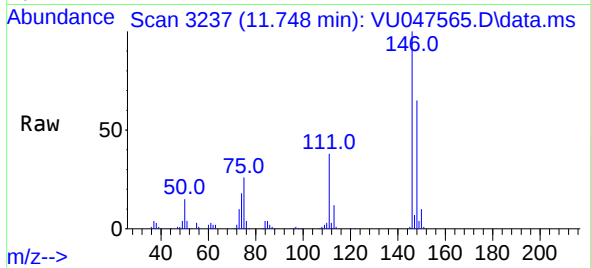




#64
1,3-Dichlorobenzene
Concen: 5.236 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

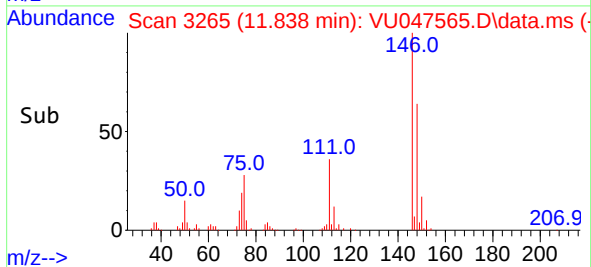
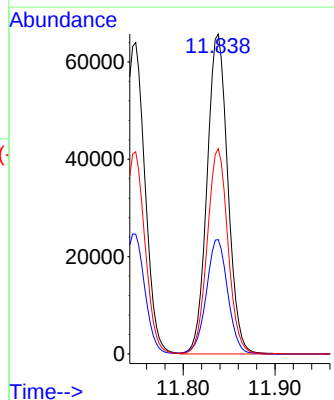
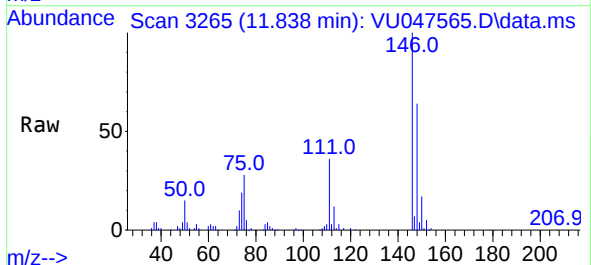
Instrument :
MSVOA_U
ClientSampleId :

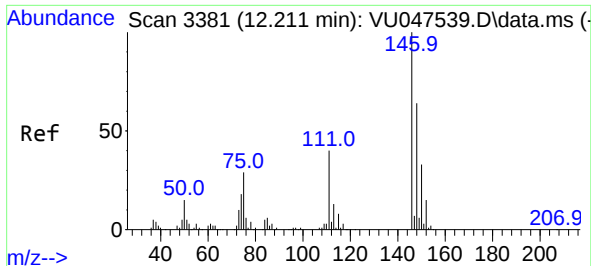
Tgt Ion:146 Resp: 102020
Ion Ratio Lower Upper
146 100
111 38.5 27.7 51.5
148 64.9 46.5 86.5



#65
1,4-Dichlorobenzene
Concen: 5.198 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion:146 Resp: 103470
Ion Ratio Lower Upper
146 100
111 35.7 26.2 48.8
148 64.1 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.122 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU047565.D

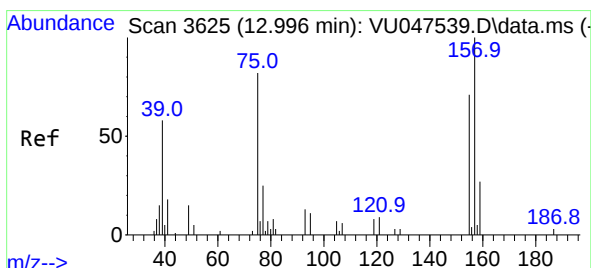
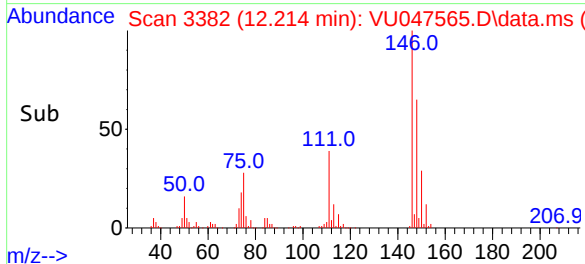
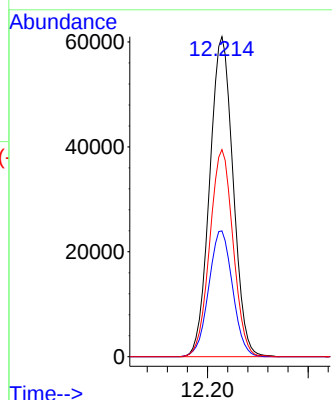
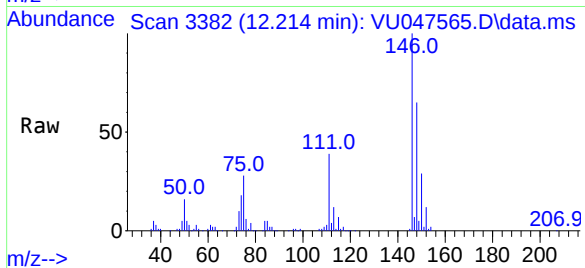
Acq: 15 Mar 2022 09:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	146	Resp:	98676
Ion Ratio	Lower	Upper	
146	100		
111	39.3	31.4	47.0
148	64.7	50.9	76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.754 ug/L

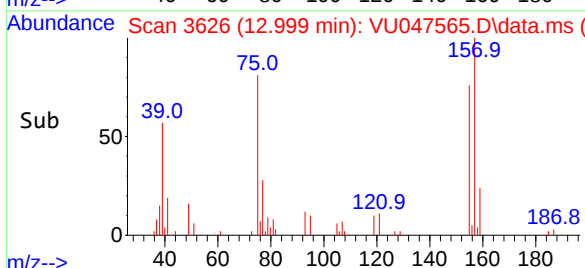
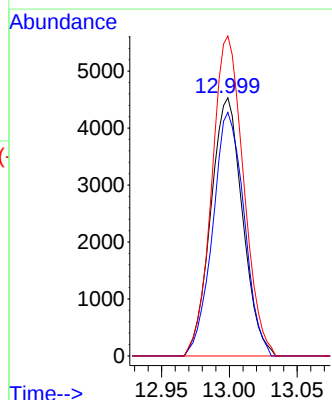
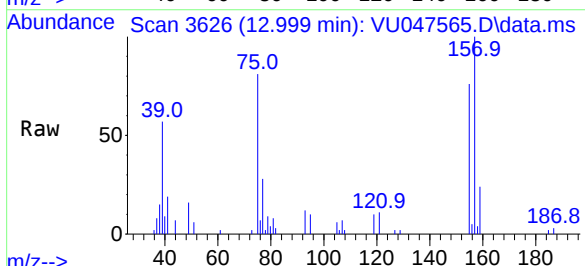
RT: 12.999 min Scan# 3626

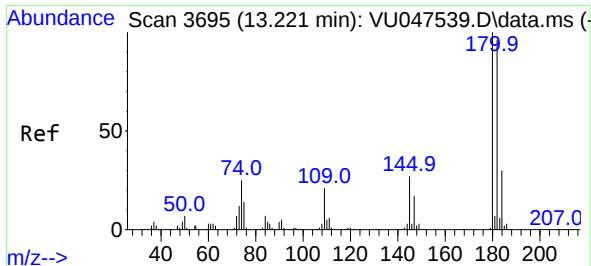
Delta R.T. 0.003 min

Lab File: VU047565.D

Acq: 15 Mar 2022 09:36

Tgt Ion:	75	Resp:	7398
Ion Ratio	Lower	Upper	
75	100		
155	94.3	70.8	106.2
157	123.9	99.4	149.2



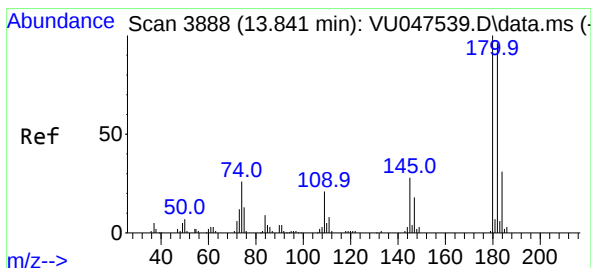
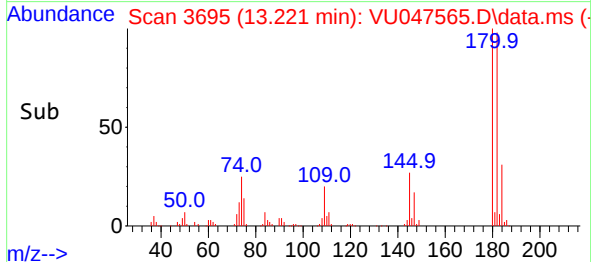
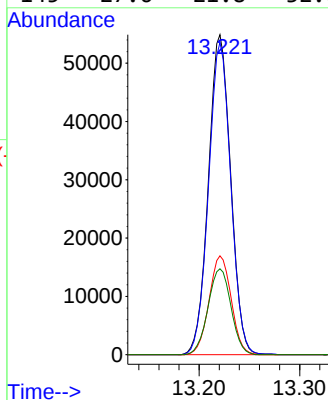
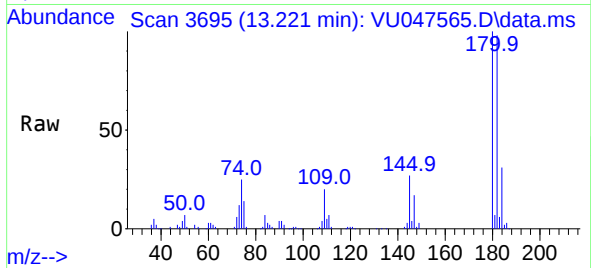


#69
 1,3,5-Trichlorobenzene
 Concen: 5.127 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047565.D
 Acq: 15 Mar 2022 09:36

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 84447

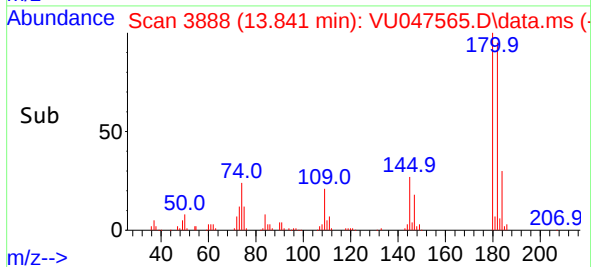
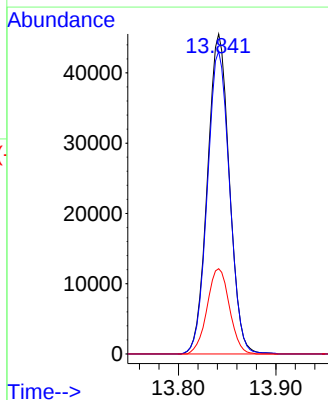
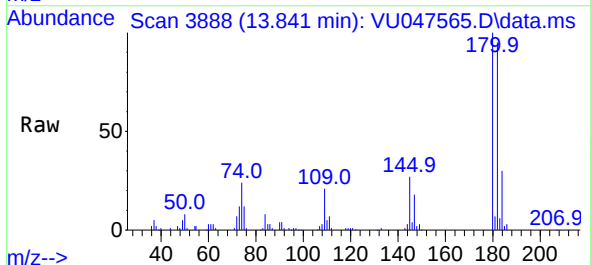
Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.3	115.9
184	30.7	24.3	36.5
145	27.6	21.8	32.6

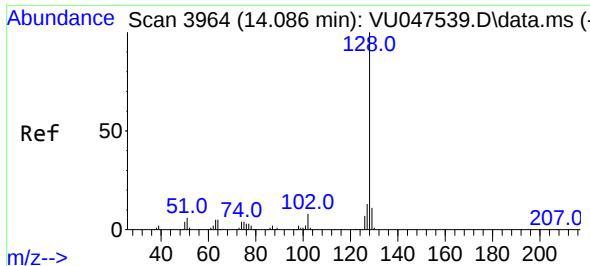


#70
 1,2,4-trichlorobenzene
 Concen: 4.912 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047565.D
 Acq: 15 Mar 2022 09:36

Tgt Ion:180 Resp: 71172

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	27.1	22.5	33.7



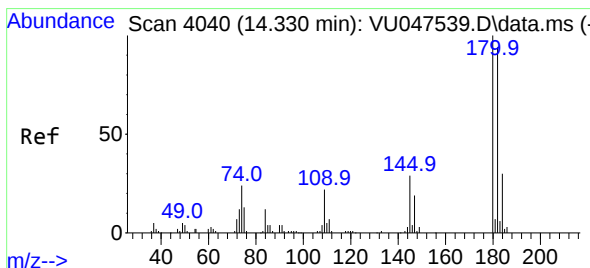
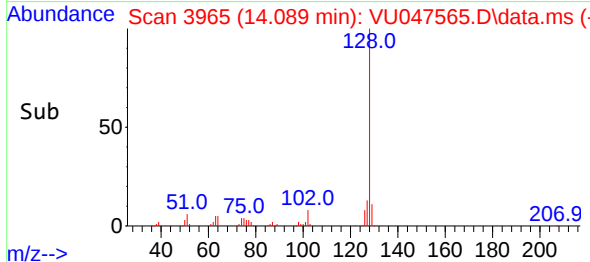
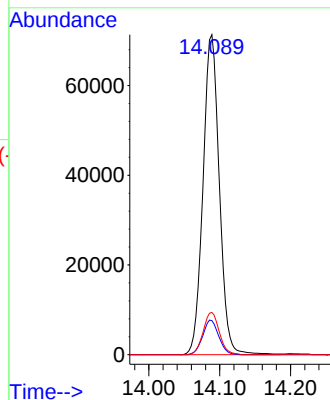
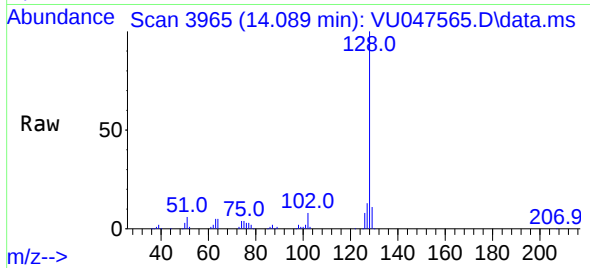


#71
Naphthalene
Concen: 4.243 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 114104

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	13.0	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.747 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047565.D
Acq: 15 Mar 2022 09:36

Tgt Ion:180 Resp: 66012

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.8	116.8
145	29.4	23.7	35.5

