

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043837.D
 Acq On : 19 May 2021 19:26
 Operator : SY/MD
 Sample : M2464-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Y6MSD

Quant Time: May 20 03:57:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 20 03:54:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	233030	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	226664	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	118266	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	54688	3.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.60%
7) Chloroethane-d5	1.916	69	41937	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.80%
11) 1,1-Dichloroethene-d2	2.572	65	12549	1.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	35.20%#
20) 2-Butanone-d5	4.639	46	195853	59.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.90%
24) Chloroform-d	5.073	84	137143	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.710	65	67602	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.736	84	274856	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.700	67	87569	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.906	98	246681	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloroprop...	8.186	79	33728	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.642	63	165039	53.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.60%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	75182	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
66) 1,2-Dichlorobenzene-d4	12.202	152	96668	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	85029	5.01	ug/L	100
3) Chloromethane	1.520	50	97069	4.87	ug/L	99
5) Vinyl chloride	1.607	62	86022	4.35	ug/L	97
6) Bromomethane	1.861	94	49083	4.21	ug/L	97
8) Chloroethane	1.935	64	46986	4.22	ug/L	95
9) Trichlorofluoromethane	2.141	101	113144	4.93	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	81591	5.22	ug/L	99
12) 1,1-Dichloroethene	2.585	96	39522	2.57	ug/L	92
13) Acetone	2.649	43	144479	69.66	ug/L	99
14) Carbon disulfide	2.800	76	261942	5.09	ug/L	100
15) Methyl Acetate	2.961	43	35094	5.69	ug/L	97
16) Methylene chloride	3.054	84	90843	3.98	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	179420	5.15	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	57638	3.57	ug/L	97
19) 1,1-Dichloroethane	3.880	63	198292	6.79	ug/L	99
21) 2-Butanone	4.720	43	240078	60.53	ug/L	97
22) cis-1,2-Dichloroethene	4.675	96	118455	6.98	ug/L	97
23) Bromochloromethane	4.983	128	44595	5.58	ug/L	91
25) Chloroform	5.099	83	160704	5.56	ug/L	100

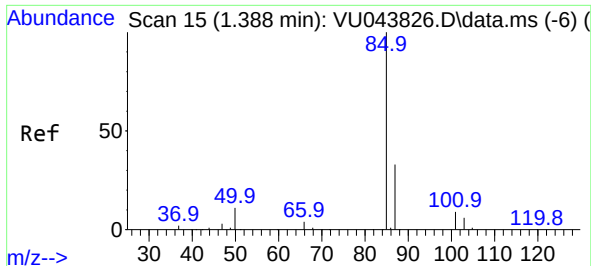
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 20 03:54:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	98115	5.51	ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	903266	38.22	ug/L	98
30) Cyclohexane	5.398	56	130365	4.97	ug/L	97
31) Carbon tetrachloride	5.533	117	110530	5.60	ug/L	100
33) Benzene	5.784	78	352308	5.37	ug/L	100
34) Trichloroethene	6.549	95	86920	5.17	ug/L	95
35) Methylcyclohexane	6.771	83	130468	4.99	ug/L	98
37) 1,2-Dichloropropane	6.800	63	90098	5.25	ug/L	99
38) Bromodichloromethane	7.115	83	111085	5.55	ug/L	97
39) cis-1,3-Dichloropropene	7.617	75	124718	5.47	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	566488	51.80	ug/L	96
42) Toluene	7.977	91	360904	5.24	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	93341	4.75	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	66579	5.40	ug/L	99
47) Tetrachloroethene	8.562	164	152052	11.18	ug/L	99
48) 2-Hexanone	8.694	43	430035	53.00	ug/L	98
49) Dibromochloromethane	8.819	129	81357	5.92	ug/L	98
50) 1,2-Dibromoethane	8.932	107	62891	5.43	ug/L	99
51) Chlorobenzene	9.452	112	234753	5.46	ug/L	98
52) Ethylbenzene	9.578	91	332390	4.72	ug/L	98
53) m,p-Xylene	9.703	106	36542	1.36	ug/L	89
54) o-Xylene	10.108	106	110855	4.33	ug/L	97
55) Styrene	10.105	104	7526	0.17	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.790	83	84769	5.42	ug/L	99
59) Bromoform	10.298	173	45279	5.69	ug/L	99
60) Isopropylbenzene	10.491	105	316098	4.87	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	60982	5.40	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	178704	5.34	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	182227	5.42	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	181449	5.65	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	12270	5.30	ug/L	99
69) 1,3,5-Trichlorobenzene	13.227	180	145895	5.47	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	123708	5.63	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	113221	5.43	ug/L	100

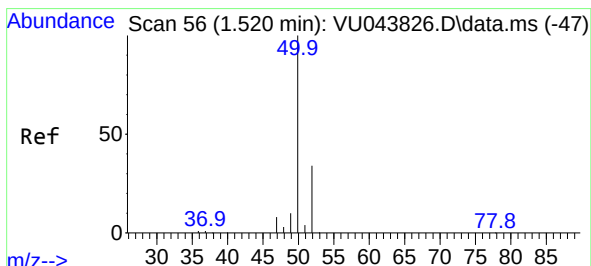
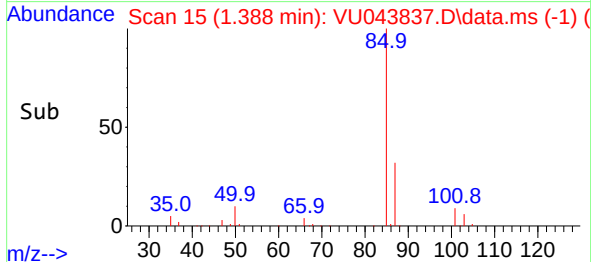
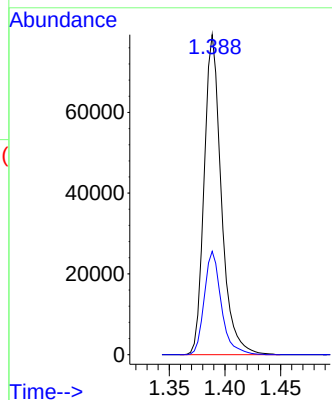
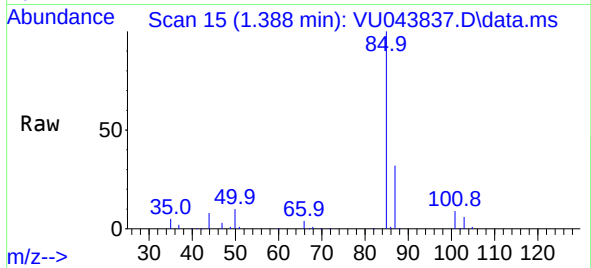
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.01 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

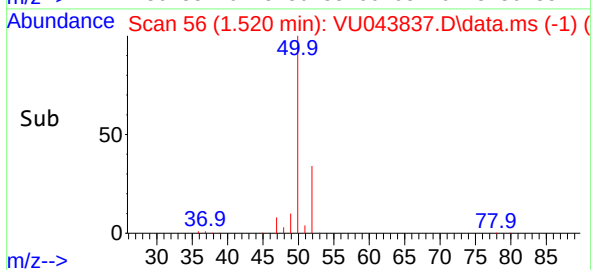
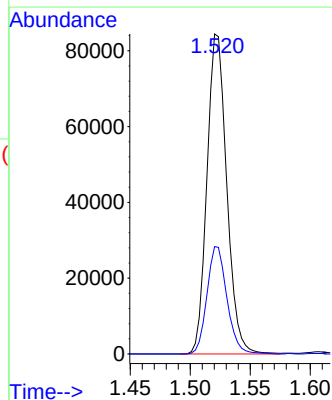
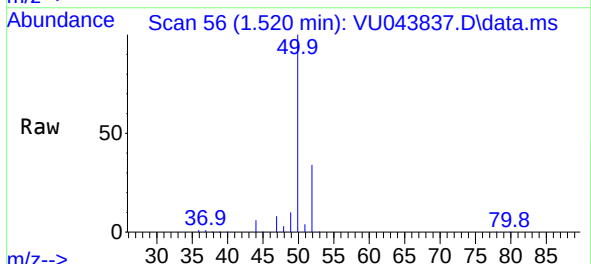
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MSD

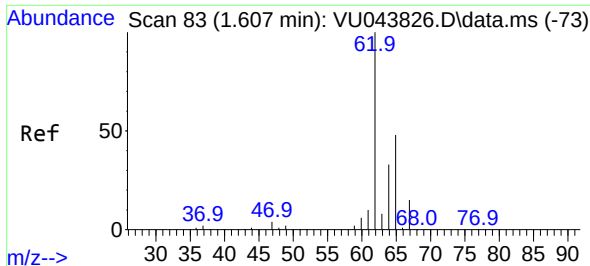
Tgt Ion: 85 Resp: 85029
Ion Ratio Lower Upper
85 100
87 32.0 25.5 38.3



#3
Chloromethane
Concen: 4.87 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 50 Resp: 97069
Ion Ratio Lower Upper
50 100
52 33.6 23.2 43.2

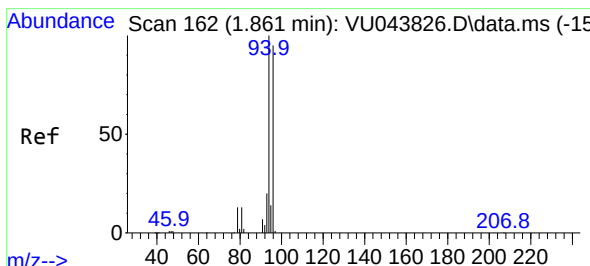
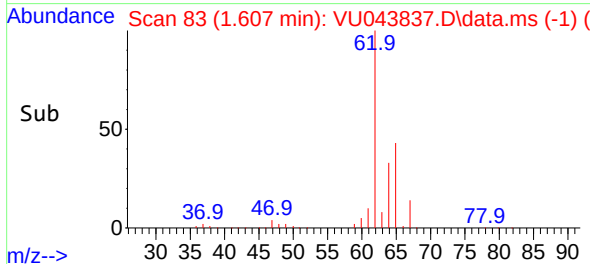
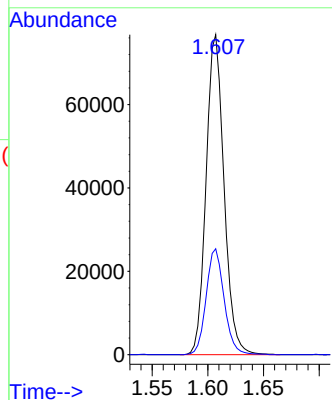
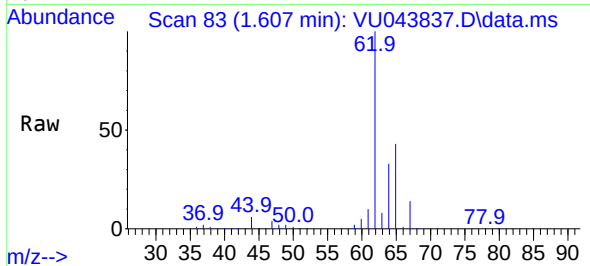




#5
 Vinyl chloride
 Concen: 4.35 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043837.D
 Acq: 19 May 2021 19:26

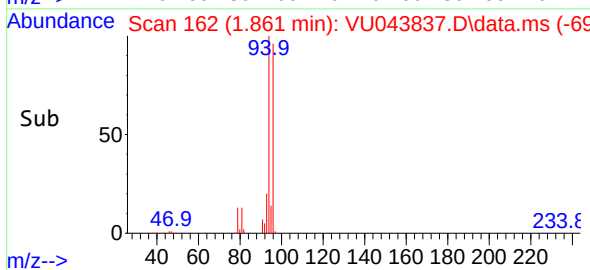
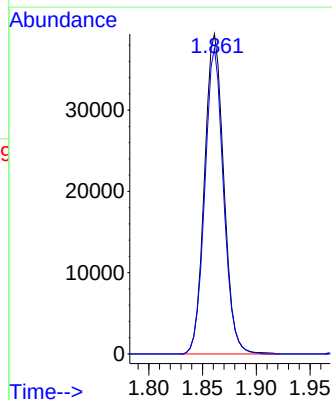
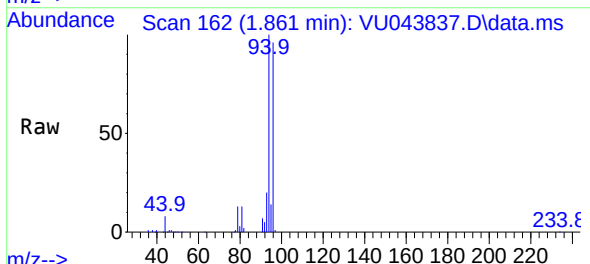
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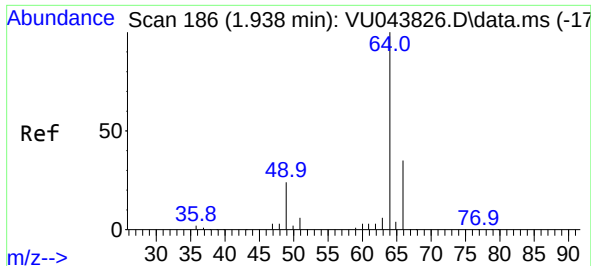
Tgt Ion: 62 Resp: 86022
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.1 41.1



#6
 Bromomethane
 Concen: 4.21 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU043837.D
 Acq: 19 May 2021 19:26

Tgt Ion: 94 Resp: 49083
 Ion Ratio Lower Upper
 94 100
 96 95.5 65.0 120.8

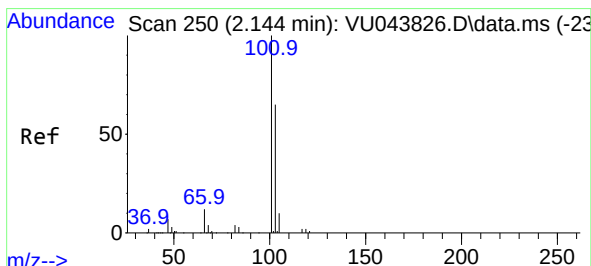
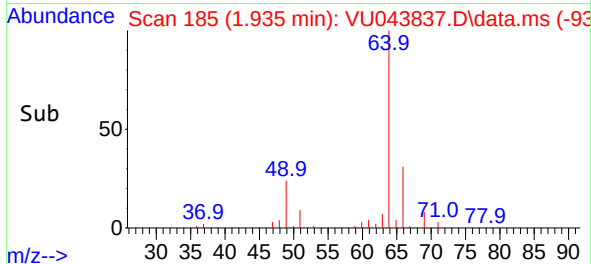
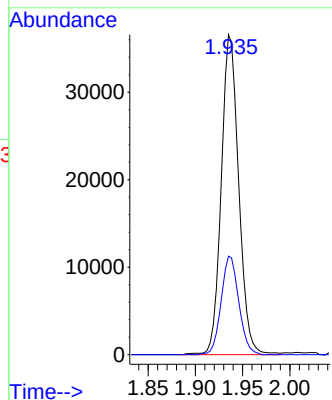
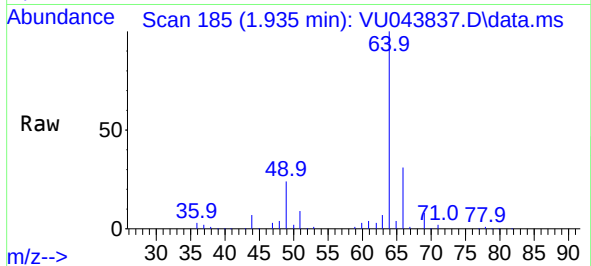




#8
Chloroethane
Concen: 4.22 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

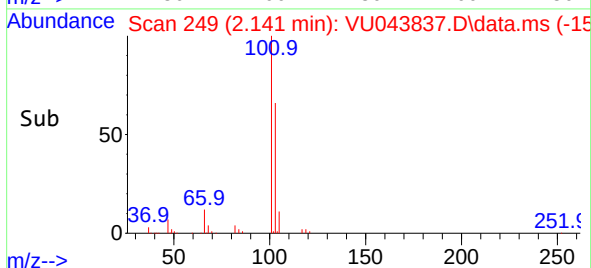
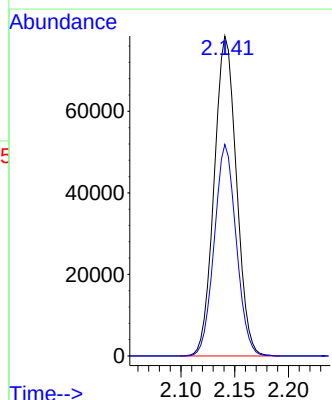
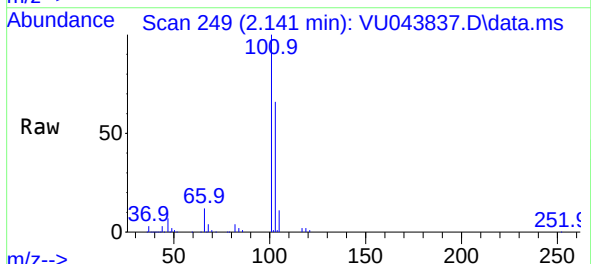
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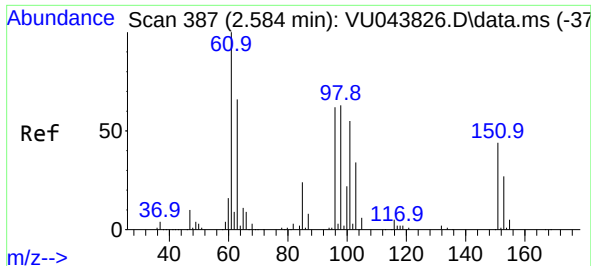
Tgt Ion: 64 Resp: 46986
Ion Ratio Lower Upper
64 100
66 30.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 4.93 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 101 Resp: 113144
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

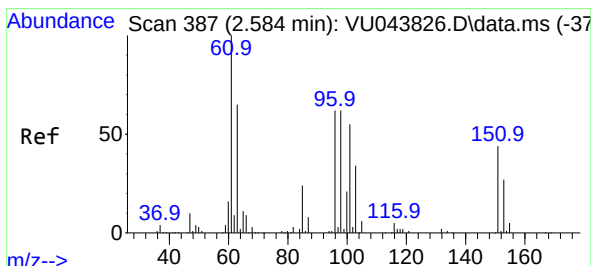
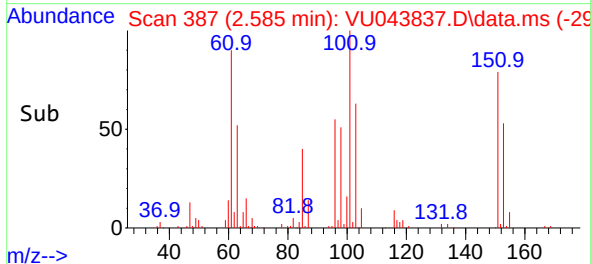
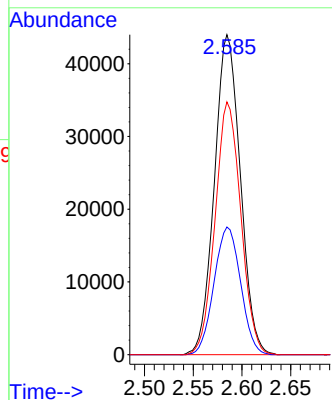
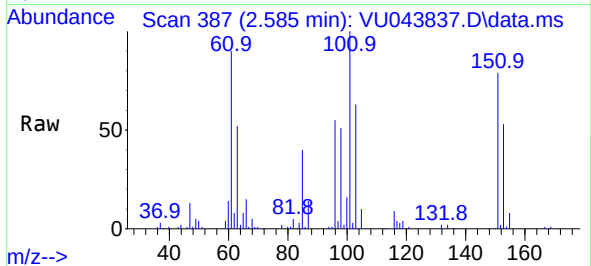




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.22 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

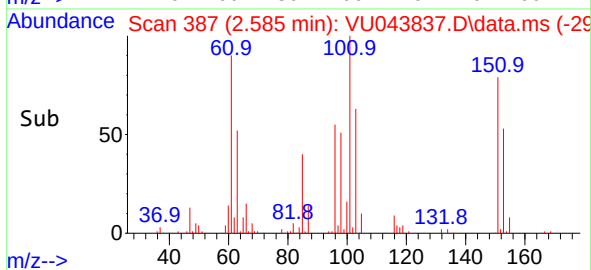
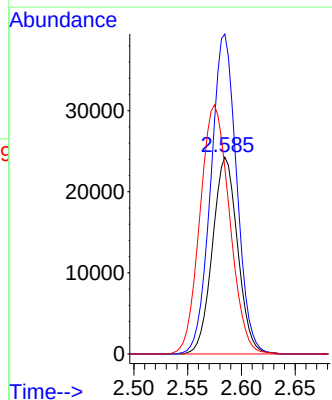
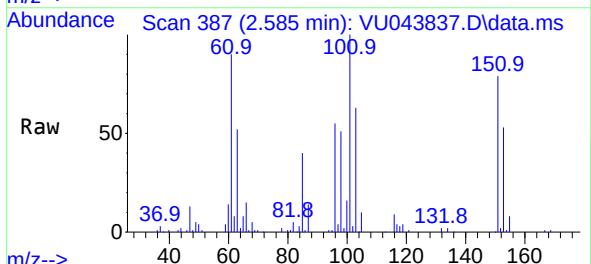
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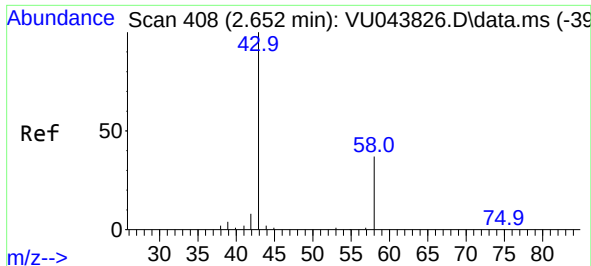
Tgt Ion:101 Resp: 81591
Ion Ratio Lower Upper
101 100
85 40.8 34.3 51.5
151 78.2 62.7 94.1



#12
1,1-Dichloroethene
Concen: 2.57 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 96 Resp: 39522
Ion Ratio Lower Upper
96 100
61 162.6 117.5 218.1
63 94.5 77.3 143.7

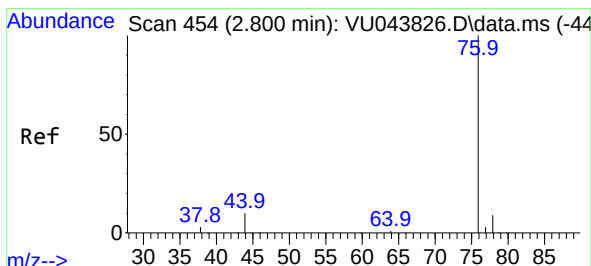
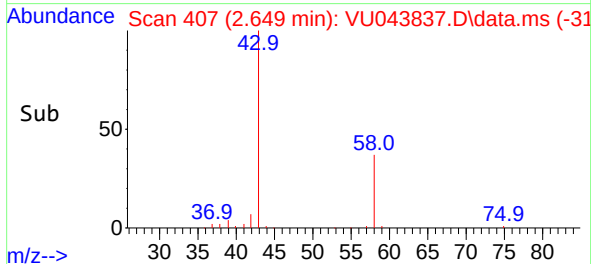
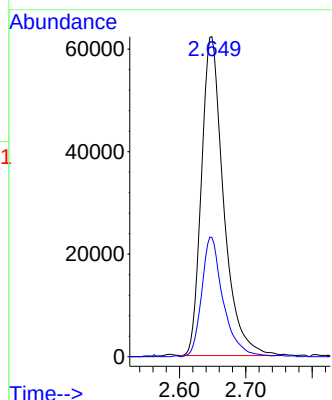
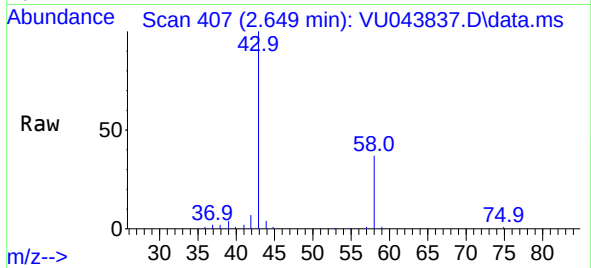




#13
Acetone
Concen: 69.66 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.003 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

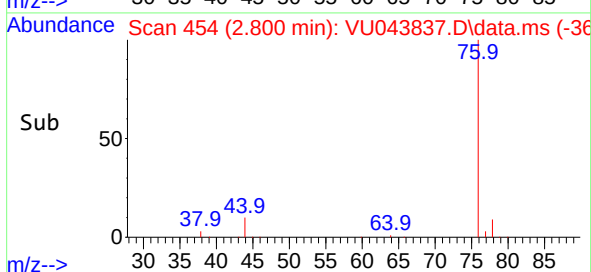
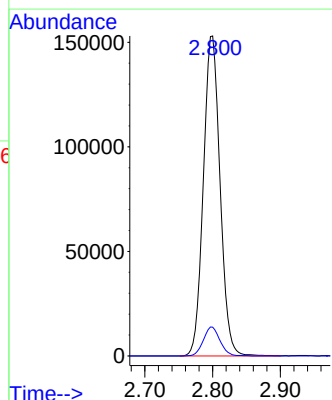
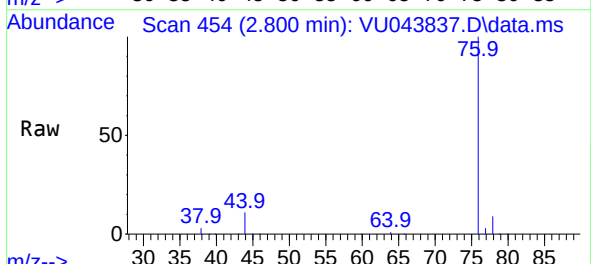
Instrument :
MSVOA_U
ClientSampleId :
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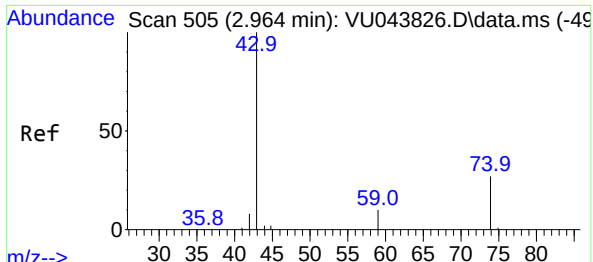
Tgt Ion: 43 Resp: 144479
Ion Ratio Lower Upper
43 100
58 36.3 0.0 71.6



#14
Carbon disulfide
Concen: 5.09 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 76 Resp: 261942
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

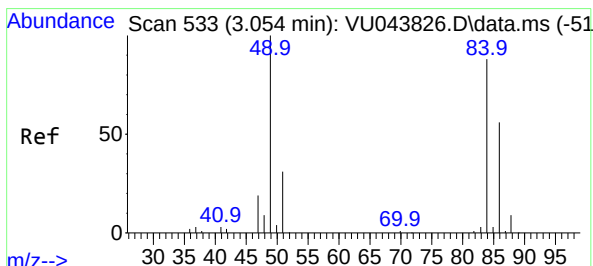
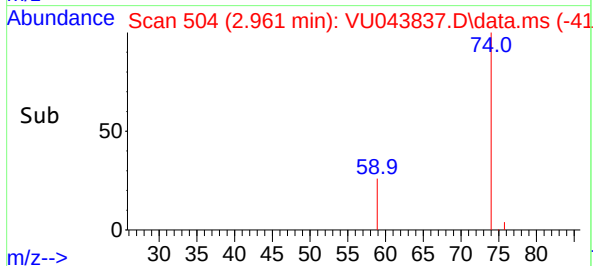
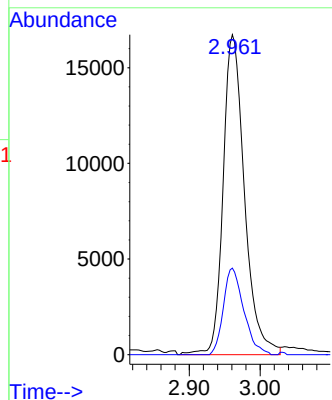
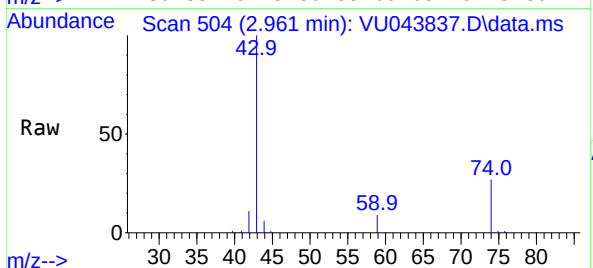




#15
Methyl Acetate
Concen: 5.69 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

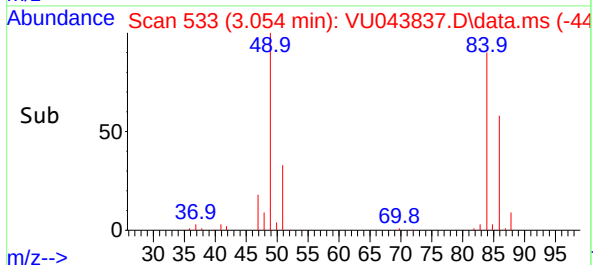
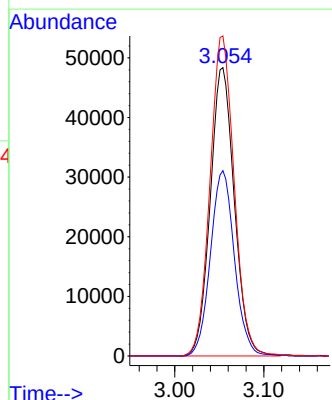
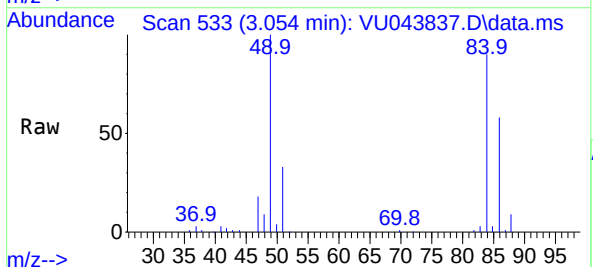
Instrument :
MSVOA_U
ClientSampled :
GB3Y6MSD

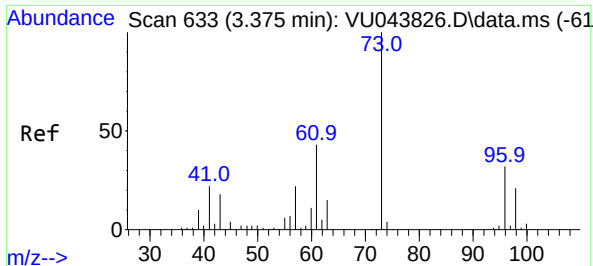
Tgt Ion: 43 Resp: 35094
Ion Ratio Lower Upper
43 100
74 25.7 19.3 28.9



#16
Methylene chloride
Concen: 3.98 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 84 Resp: 90843
Ion Ratio Lower Upper
84 100
86 64.2 44.7 82.9
49 111.0 83.1 154.3



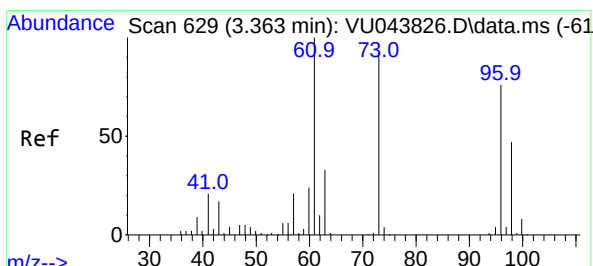
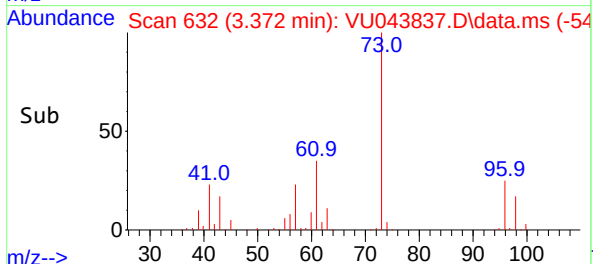
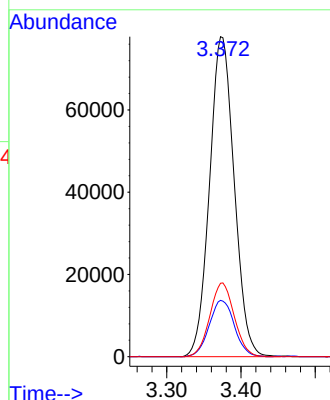
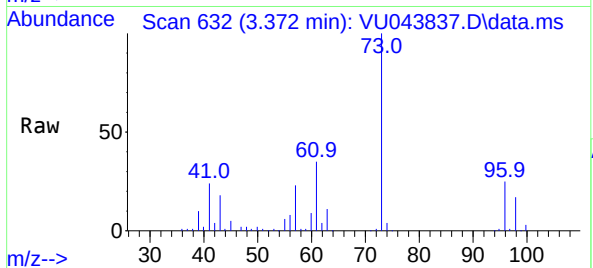


#17
Methyl tert-butyl Ether
Concen: 5.15 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MSD

Tgt Ion: 73 Resp: 179420

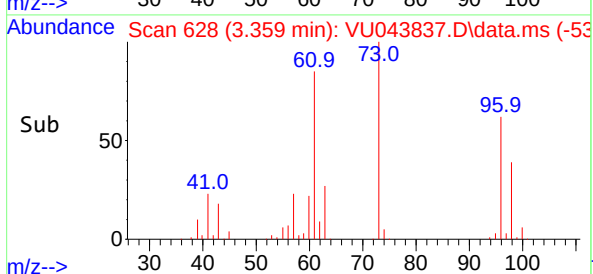
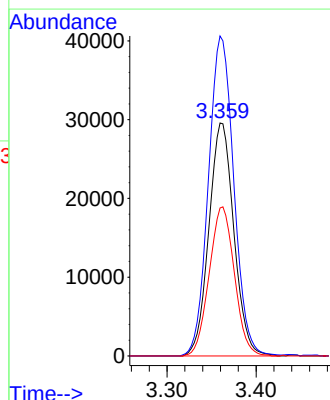
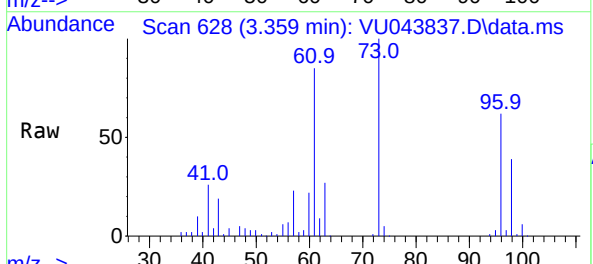
Ion	Ratio	Lower	Upper
73	100		
43	18.0	15.0	22.4
57	22.9	18.6	27.8

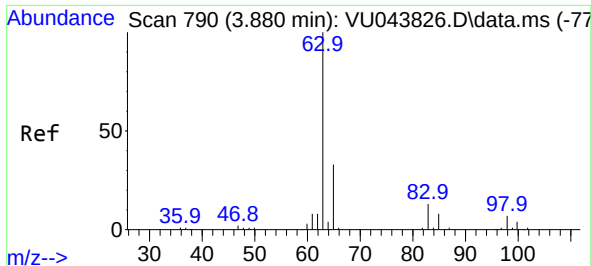


#18
trans-1,2-Dichloroethene
Concen: 3.57 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 96 Resp: 57638

Ion	Ratio	Lower	Upper
96	100		
61	137.4	99.6	185.0
98	63.5	43.8	81.4

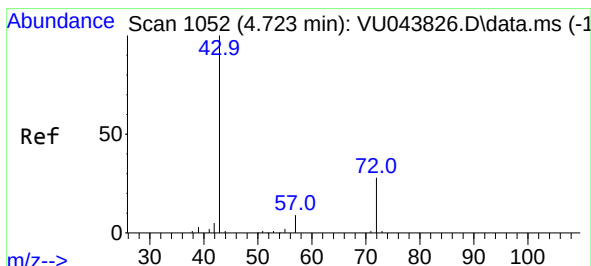
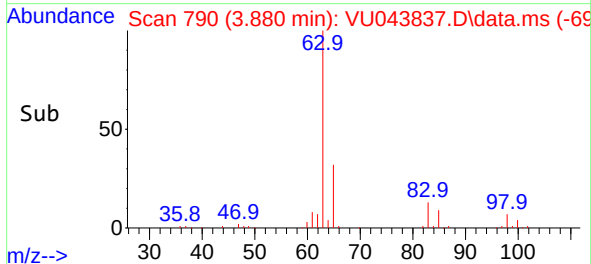
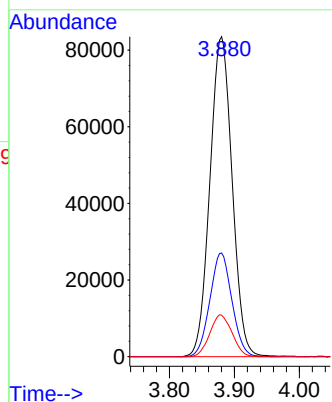
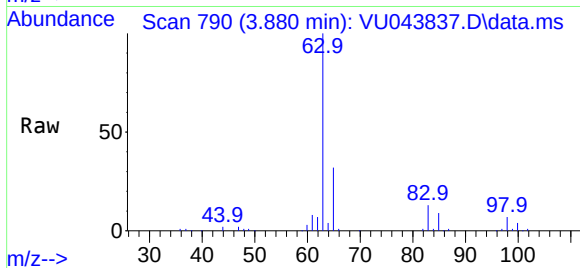




#19
1,1-Dichloroethane
Concen: 6.79 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

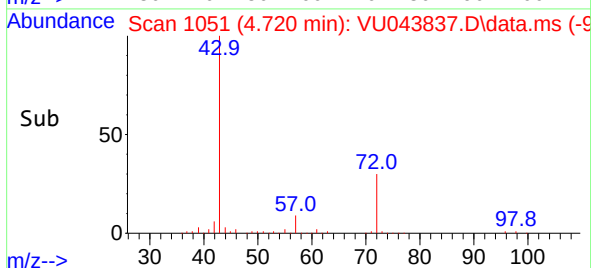
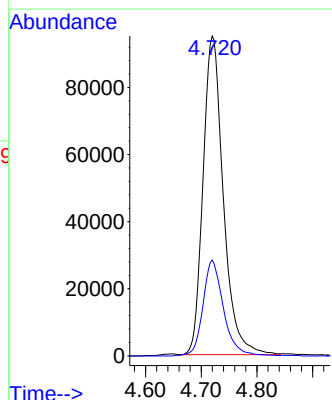
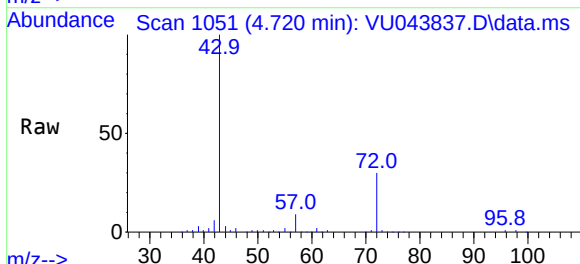
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MSD

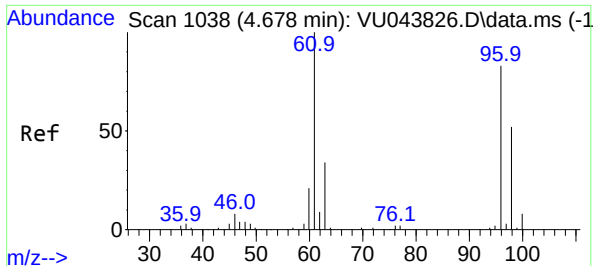
Tgt Ion:	63	Resp:	198292
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.3	41.3
83	13.0	9.0	16.8



#21
2-Butanone
Concen: 60.53 ug/L
RT: 4.720 min Scan# 1051
Delta R.T. -0.003 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion:	43	Resp:	240078
Ion	Ratio	Lower	Upper
43	100		
72	30.5	14.5	43.6



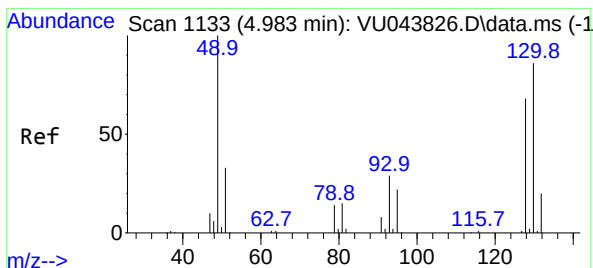
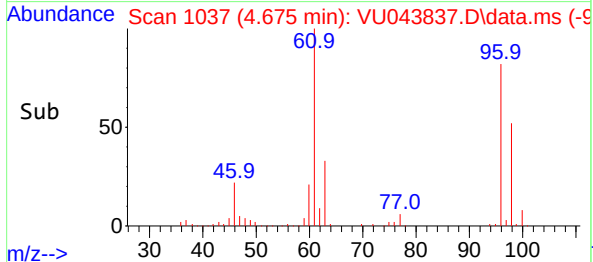
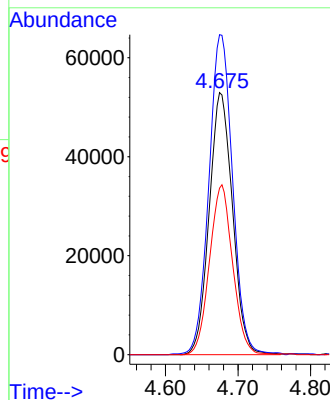
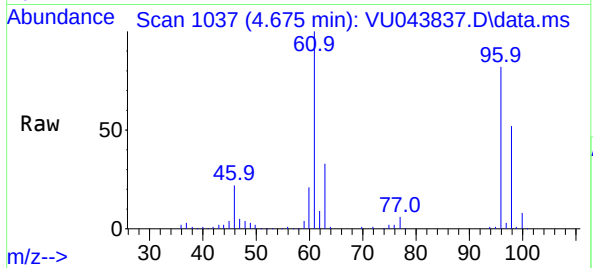


#22
cis-1,2-Dichloroethene
Concen: 6.98 ug/L
RT: 4.675 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MSD

Tgt Ion: 96 Resp: 118455

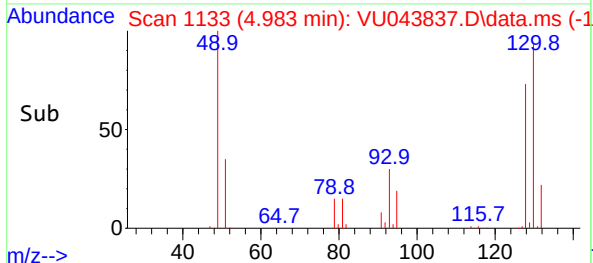
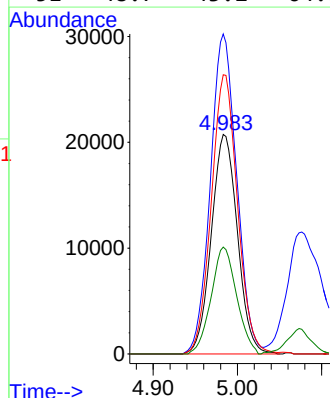
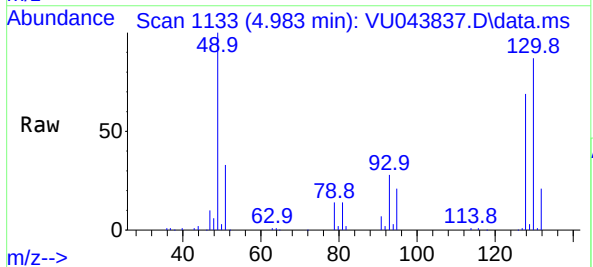
Ion	Ratio	Lower	Upper
96	100		
61	122.1	89.0	165.4
98	63.5	44.9	83.3

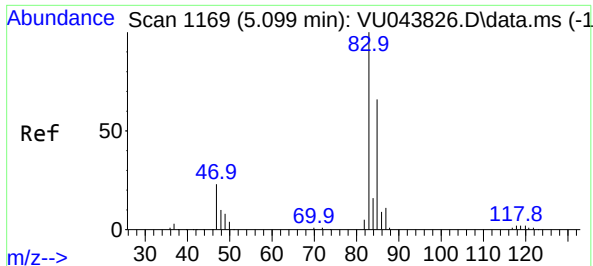


#23
Bromochloromethane
Concen: 5.58 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 128 Resp: 44595

Ion	Ratio	Lower	Upper
128	100		
49	145.8	114.7	212.9
130	127.2	91.7	170.3
51	48.7	43.2	64.8



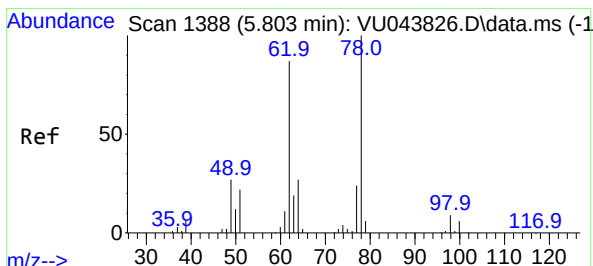
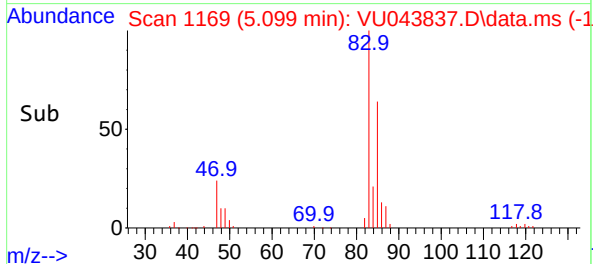
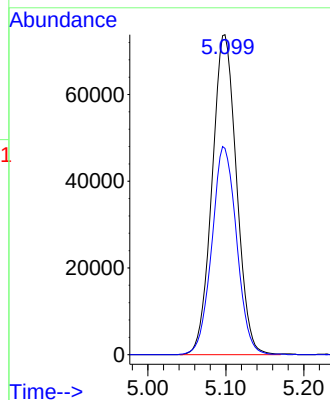
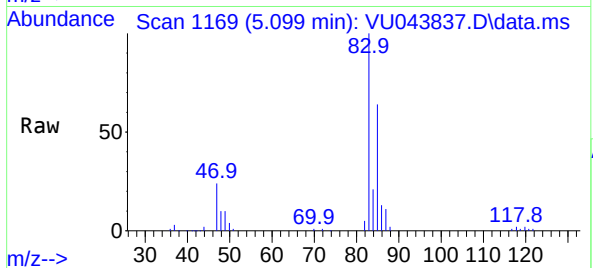


#25

Chloroform
Concen: 5.56 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Instrument :
MSVOA_U
ClientSampled :
GB3Y6MSD

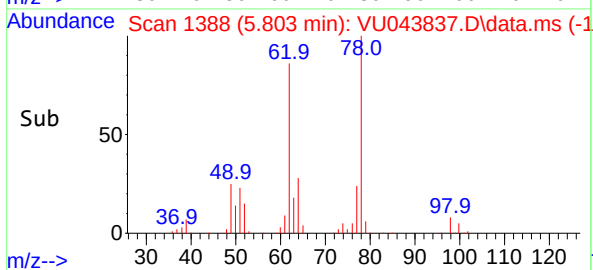
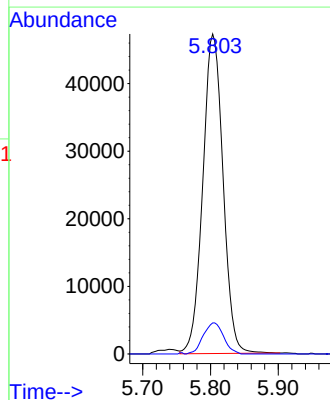
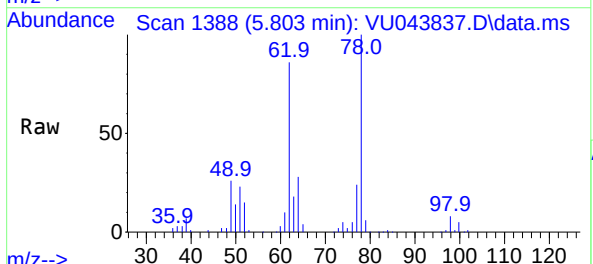
Tgt Ion: 83 Resp: 160704
Ion Ratio Lower Upper
83 100
85 64.5 45.0 83.6

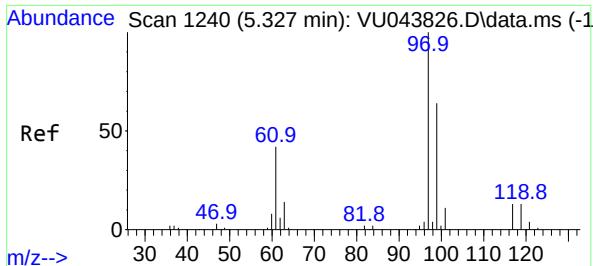


#27

1,2-Dichloroethane
Concen: 5.51 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 62 Resp: 98115
Ion Ratio Lower Upper
62 100
98 9.7 7.7 11.5

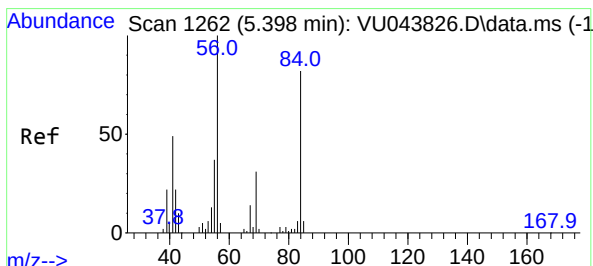
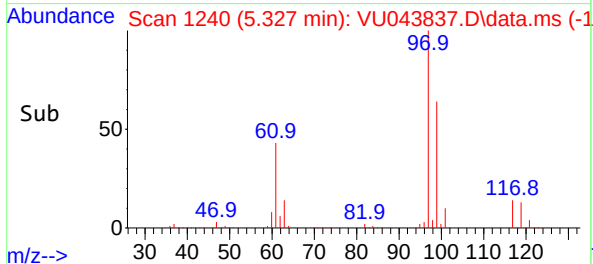
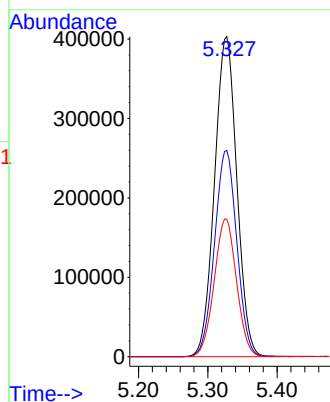
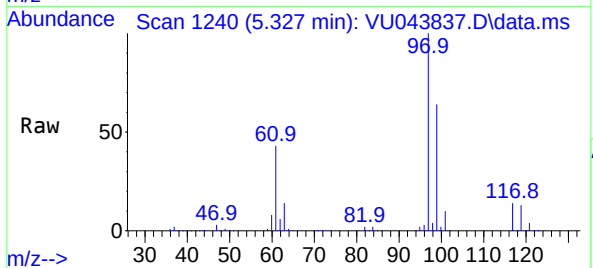




#29
1,1,1-Trichloroethane
Concen: 38.22 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

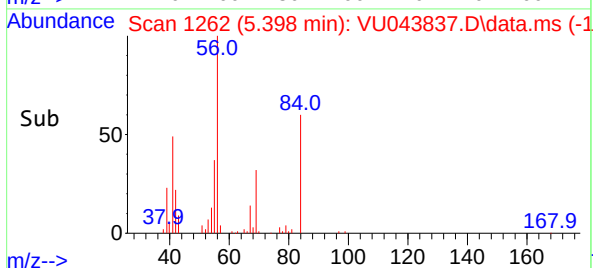
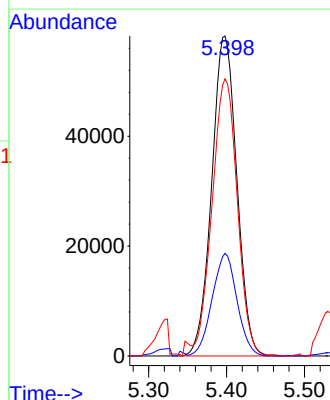
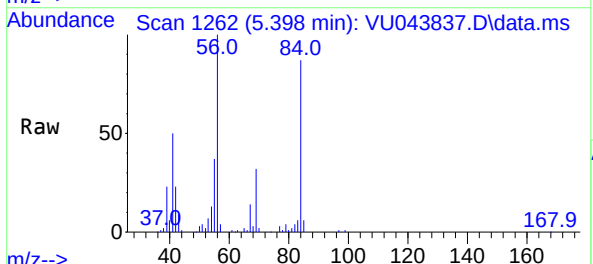
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MSD

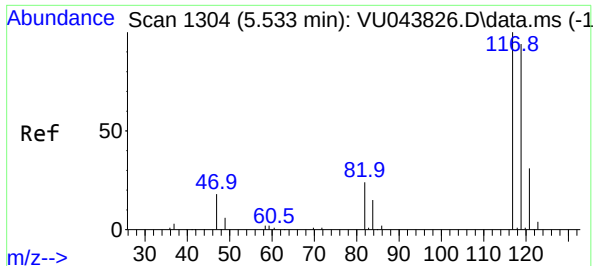
Tgt Ion: 97 Resp: 903266
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 43.2 37.0 55.4



#30
Cyclohexane
Concen: 4.97 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 56 Resp: 130365
Ion Ratio Lower Upper
56 100
69 31.8 24.8 37.2
84 87.0 66.8 100.2

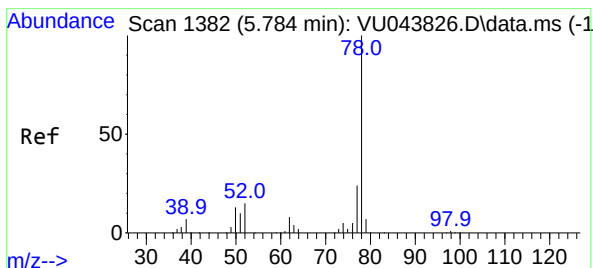
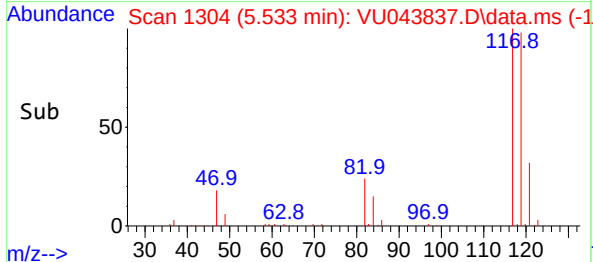
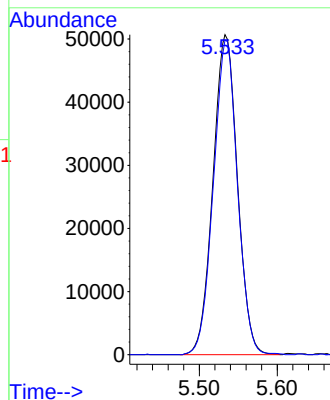
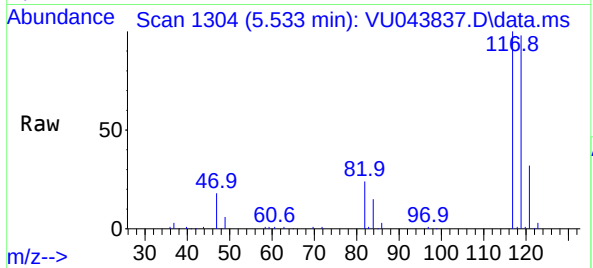




#31
Carbon tetrachloride
Concen: 5.60 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

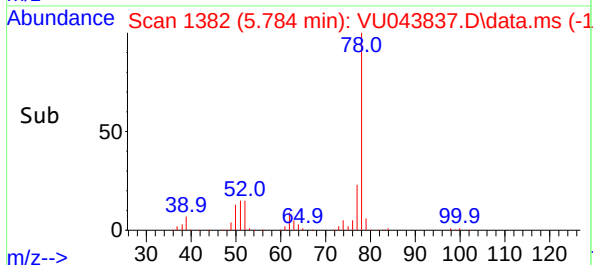
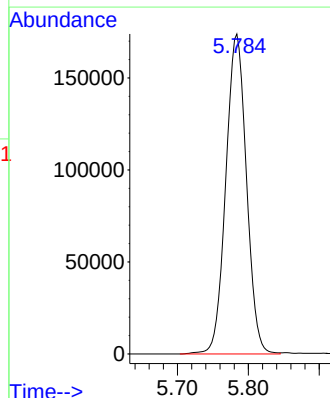
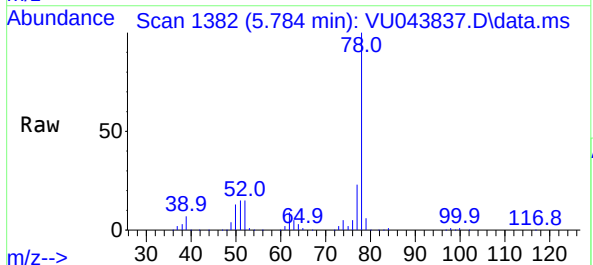
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MSD

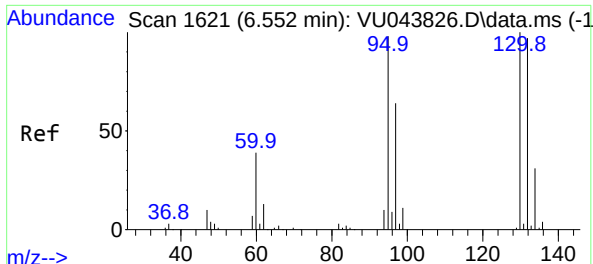
Tgt Ion:117 Resp: 110530
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0



#33
Benzene
Concen: 5.37 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 78 Resp: 352308



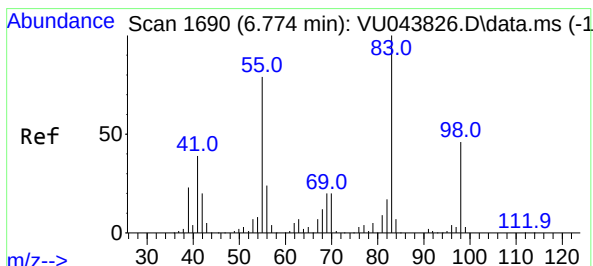
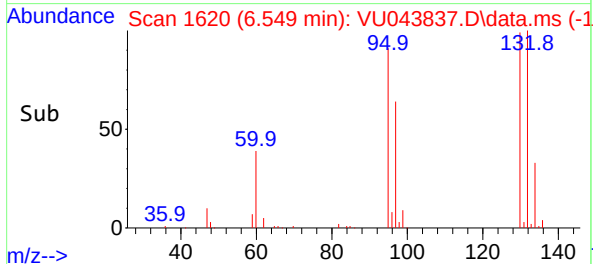
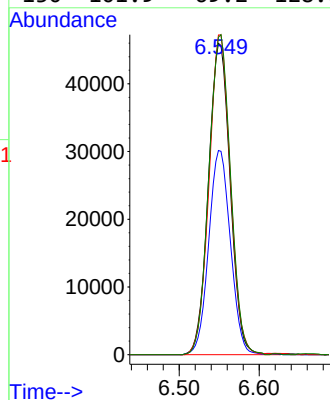
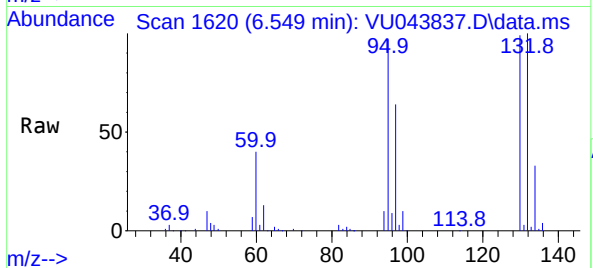


#34
Trichloroethene
Concen: 5.17 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MSD

Tgt Ion: 95 Resp: 86920

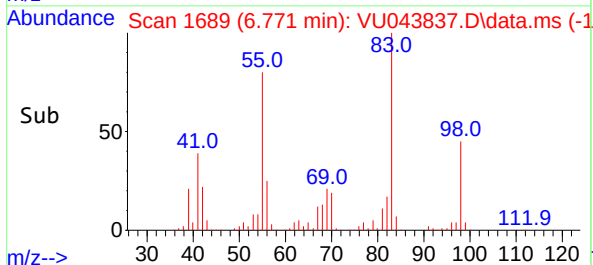
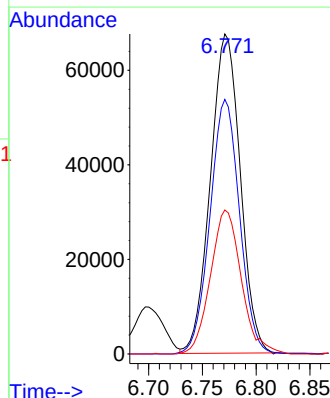
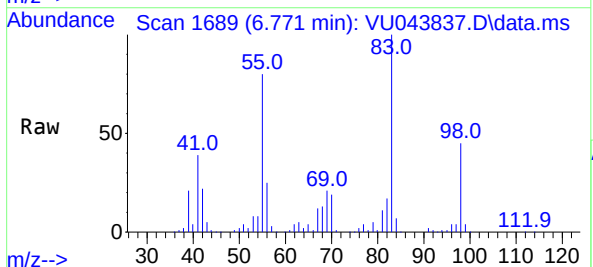
Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.3	82.3
132	102.6	66.0	122.6
130	101.9	69.2	128.6

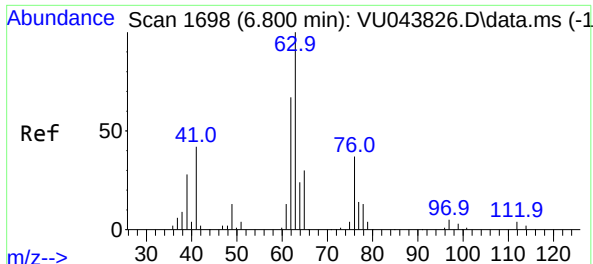


#35
Methylcyclohexane
Concen: 4.99 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 83 Resp: 130468

Ion	Ratio	Lower	Upper
83	100		
55	79.0	64.8	97.2
98	46.6	35.9	53.9

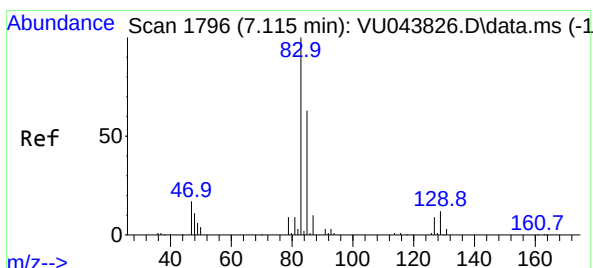
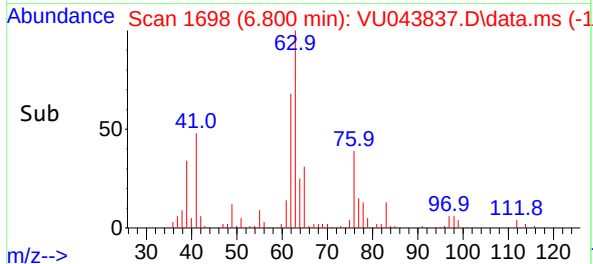
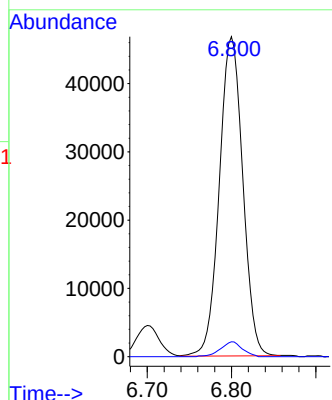
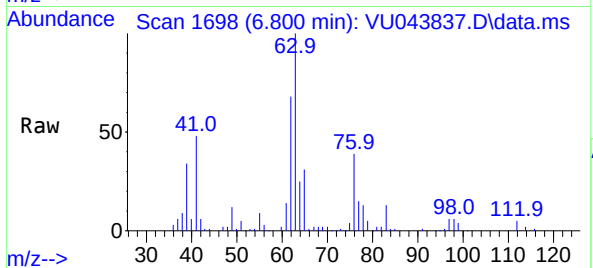




#37
1,2-Dichloropropane
Concen: 5.25 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

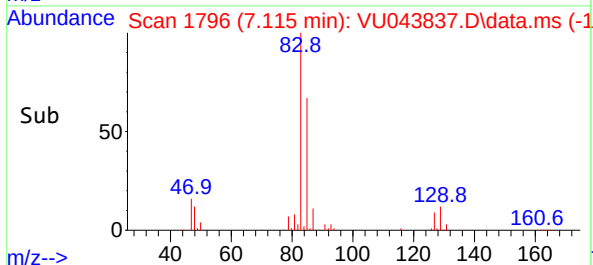
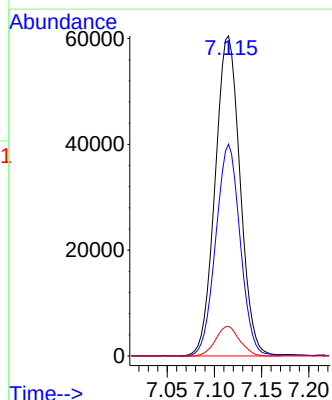
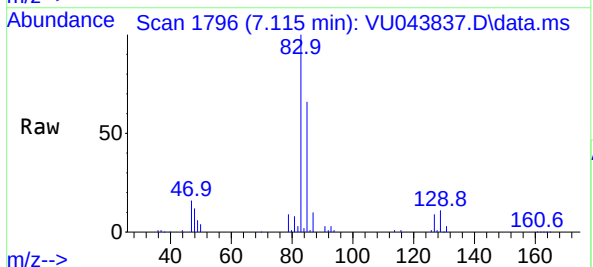
Instrument :
MSVOA_U
ClientSampled :
GB3Y6MSD

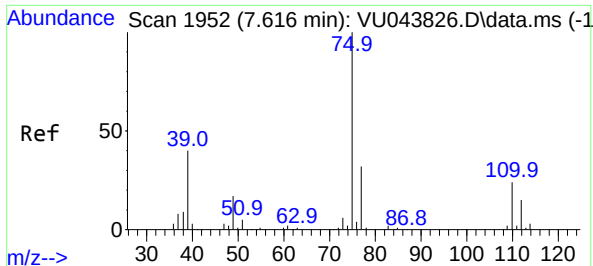
Tgt Ion: 63 Resp: 90098
Ion Ratio Lower Upper
63 100
112 4.4 3.3 4.9



#38
Bromodichloromethane
Concen: 5.55 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 83 Resp: 111085
Ion Ratio Lower Upper
83 100
85 66.2 44.6 82.8
127 9.3 7.0 10.4



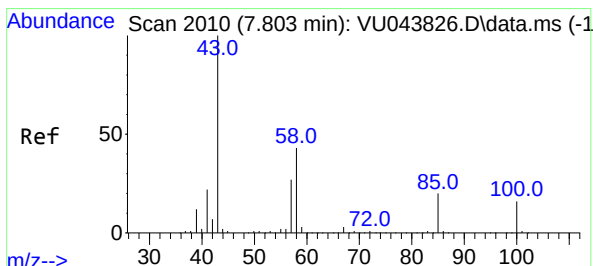
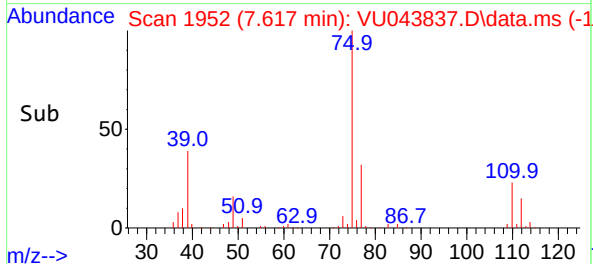
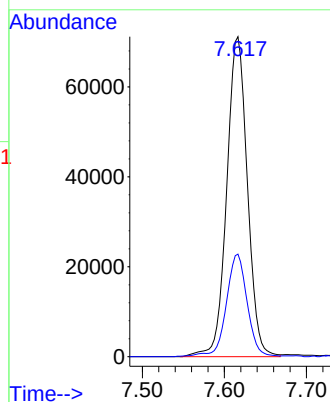
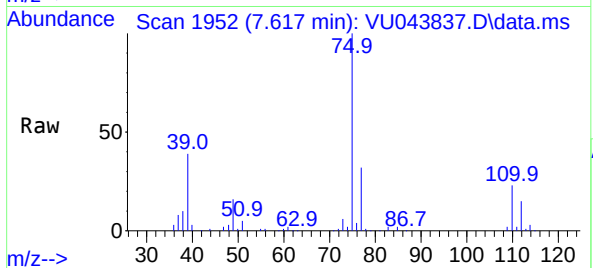


#39

cis-1,3-Dichloropropene
 Concen: 5.47 ug/L
 RT: 7.617 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU043837.D
 Acq: 19 May 2021 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Y6MSD

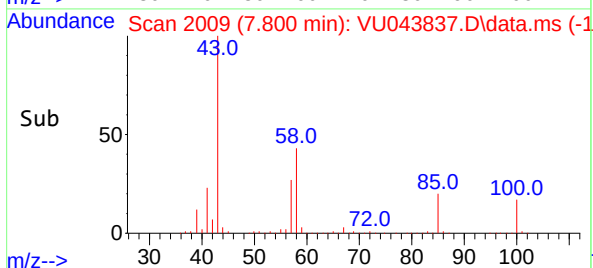
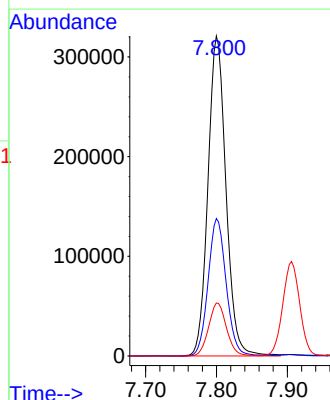
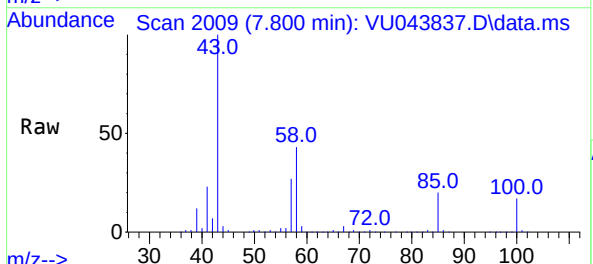
Tgt Ion: 75 Resp: 124718
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.5 41.7

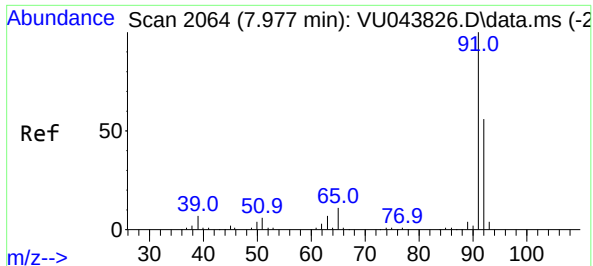


#40

4-Methyl-2-pentanone
 Concen: 51.80 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.003 min
 Lab File: VU043837.D
 Acq: 19 May 2021 19:26

Tgt Ion: 43 Resp: 566488
 Ion Ratio Lower Upper
 43 100
 58 43.2 32.8 49.2
 100 16.5 11.9 17.9

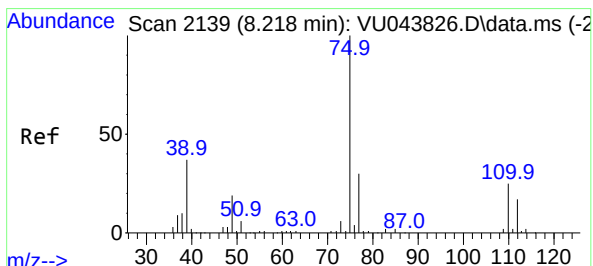
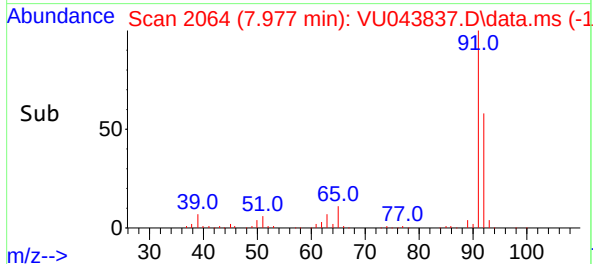
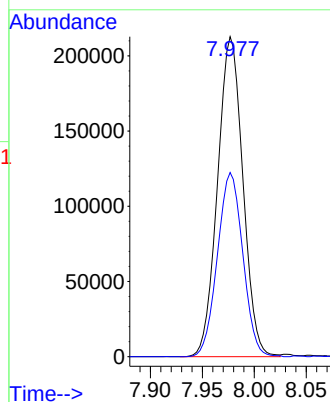
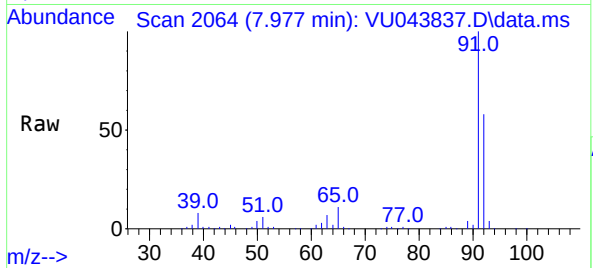




#42
Toluene
Concen: 5.24 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

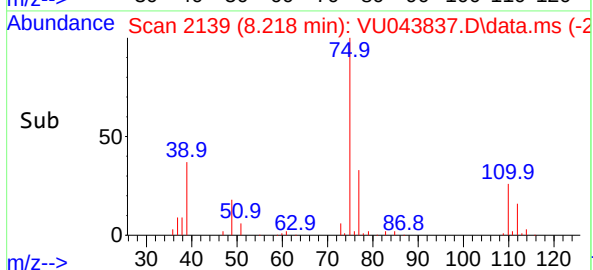
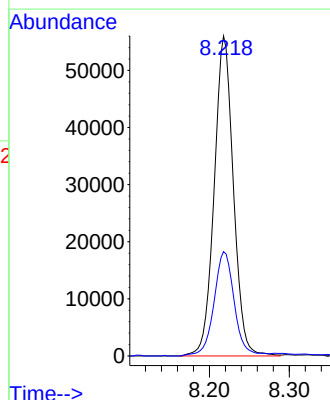
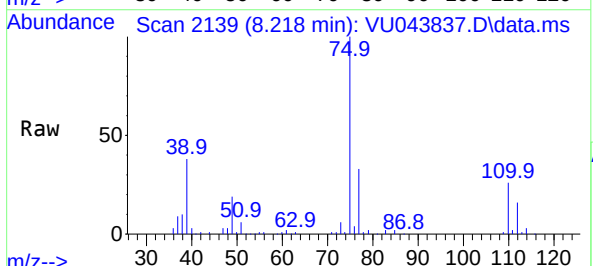
Instrument :
MSVOA_U
ClientSampled :
GB3Y6MSD

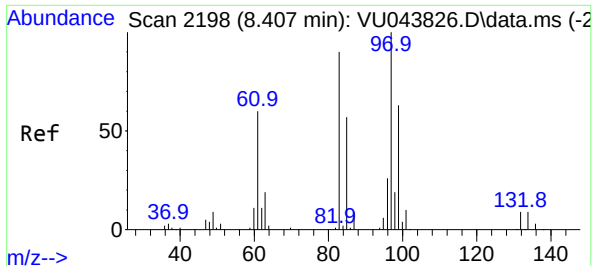
Tgt Ion: 91 Resp: 360904
Ion Ratio Lower Upper
91 100
92 57.6 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 4.75 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 75 Resp: 93341
Ion Ratio Lower Upper
75 100
77 32.6 21.5 39.9



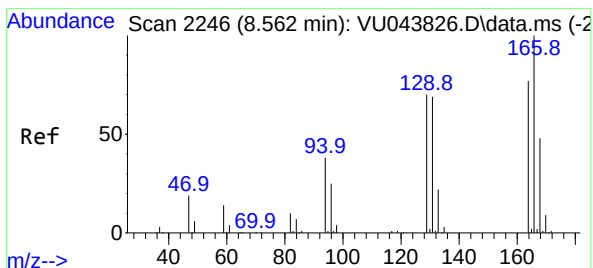
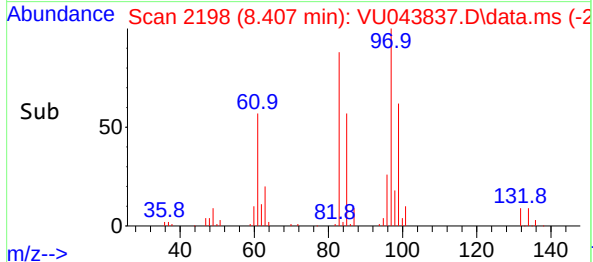
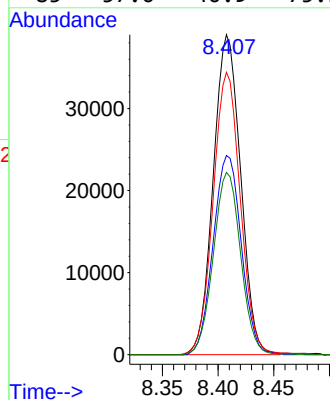
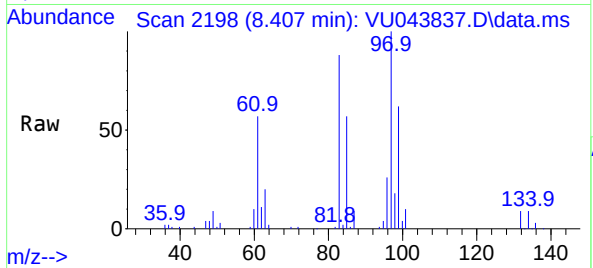


#45
1,1,2-Trichloroethane
Concen: 5.40 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MSD

Tgt Ion: 97 Resp: 66579

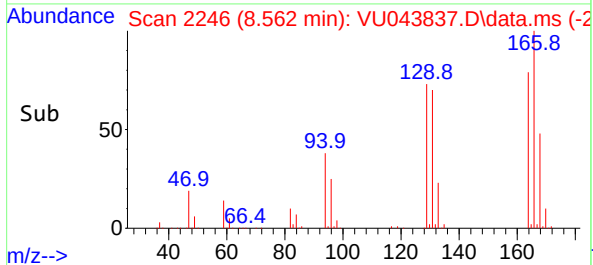
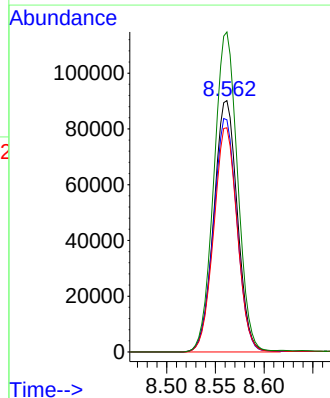
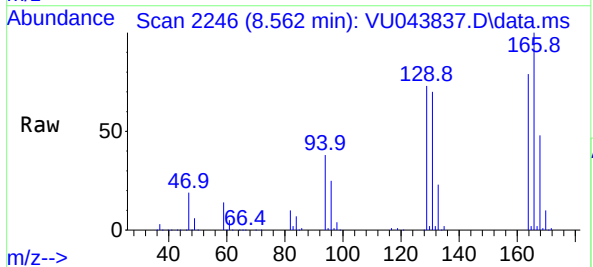
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.8	81.4
83	88.3	62.5	116.1
85	57.0	40.9	75.9

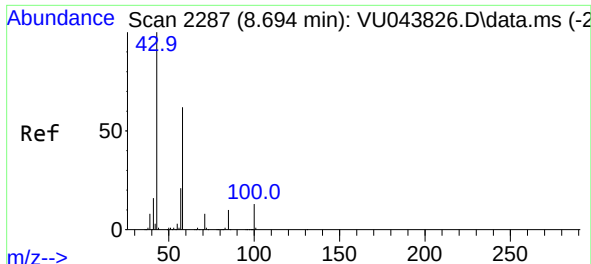


#47
Tetrachloroethene
Concen: 11.18 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 164 Resp: 152052

Ion	Ratio	Lower	Upper
164	100		
129	92.4	64.1	119.1
131	89.1	61.2	113.8
166	127.3	87.8	163.2

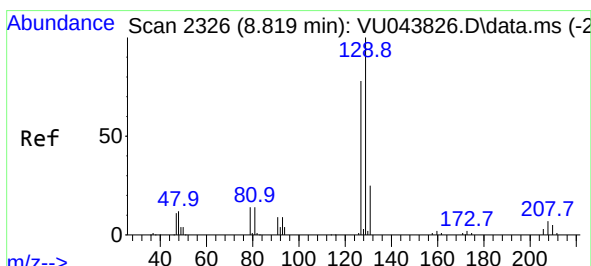
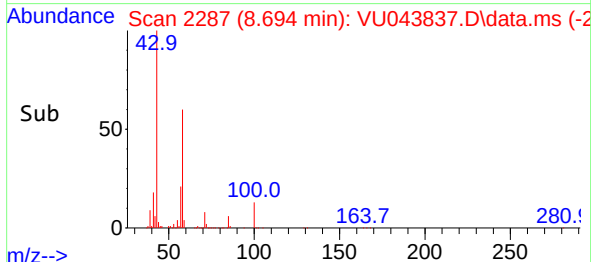
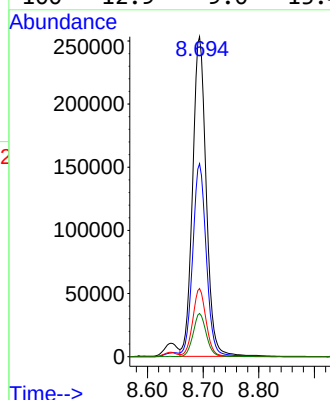
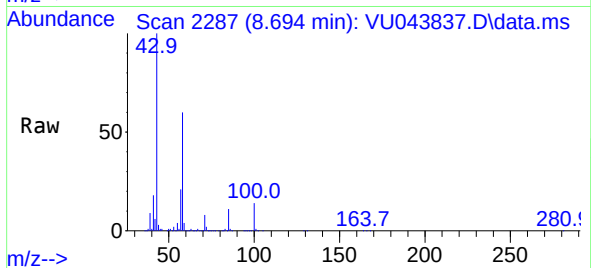




#48
2-Hexanone
Concen: 53.00 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

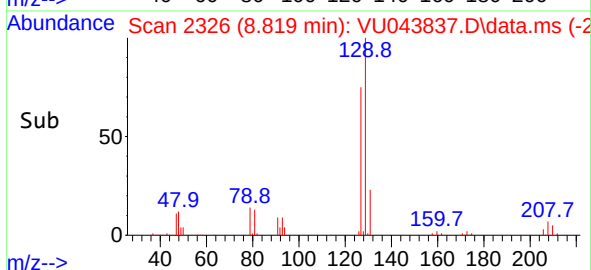
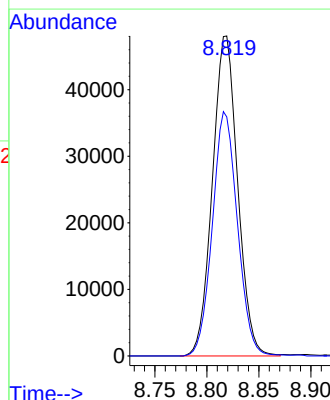
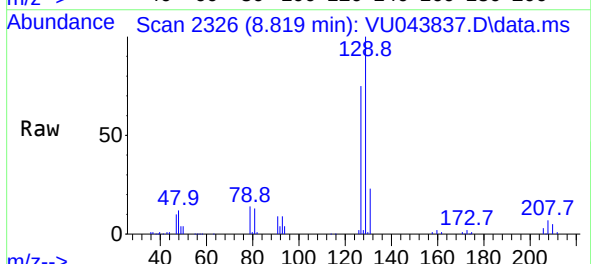
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MSD

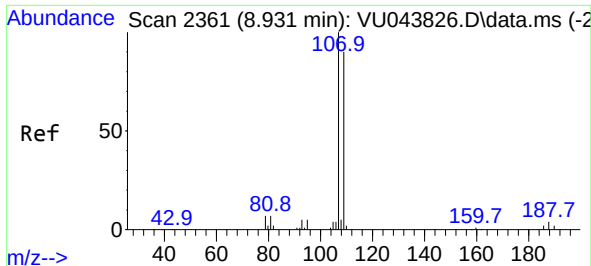
Tgt Ion: 43 Resp: 430035
Ion Ratio Lower Upper
43 100
58 60.0 47.0 70.4
57 20.9 15.8 23.8
100 12.9 9.0 13.4



#49
Dibromochloromethane
Concen: 5.92 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 129 Resp: 81357
Ion Ratio Lower Upper
129 100
127 74.7 53.4 99.2

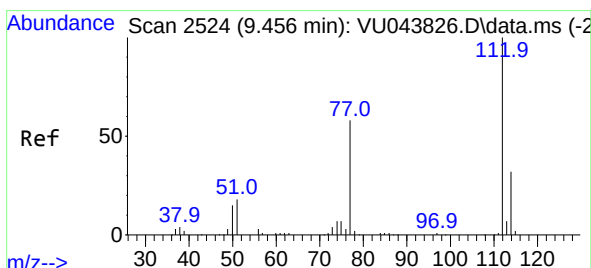
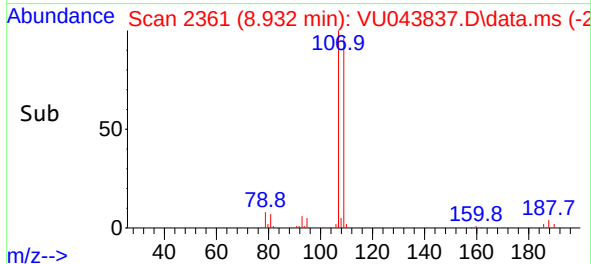
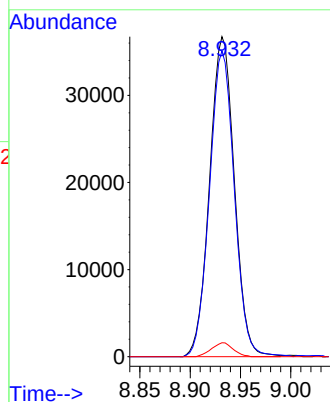
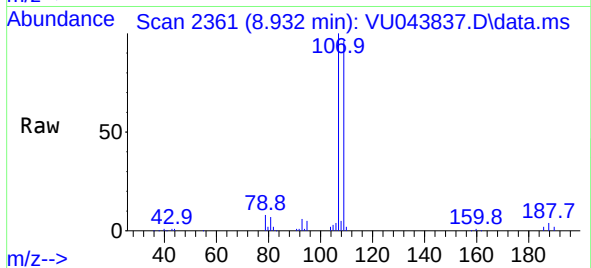




#50
1,2-Dibromoethane
Concen: 5.43 ug/L
RT: 8.932 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

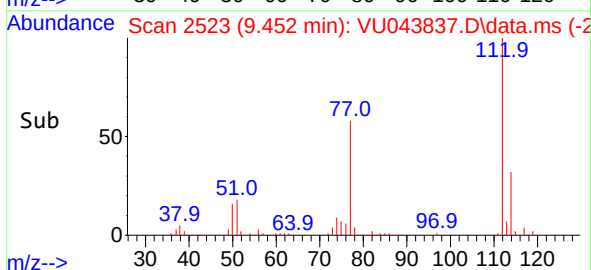
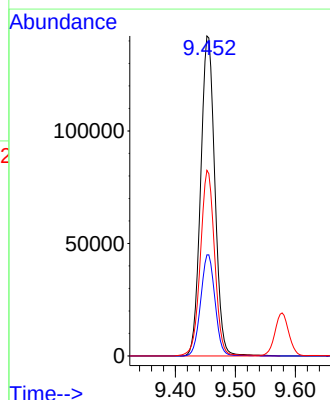
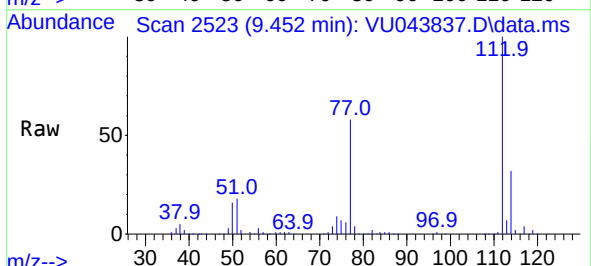
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MSD

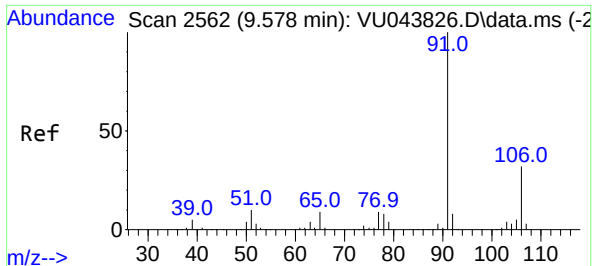
Tgt Ion:107 Resp: 62891
Ion Ratio Lower Upper
107 100
109 95.6 67.7 125.7
188 4.3 3.3 4.9



#51
Chlorobenzene
Concen: 5.46 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion:112 Resp: 234753
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.5
77 58.0 47.8 71.8

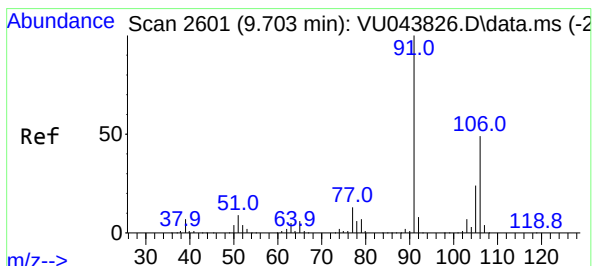
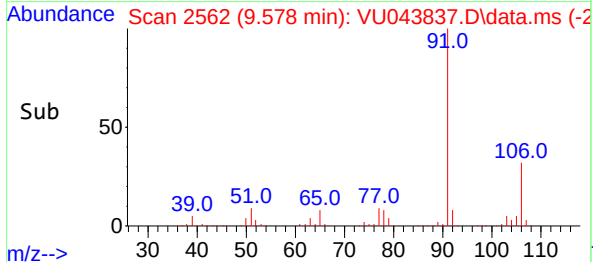
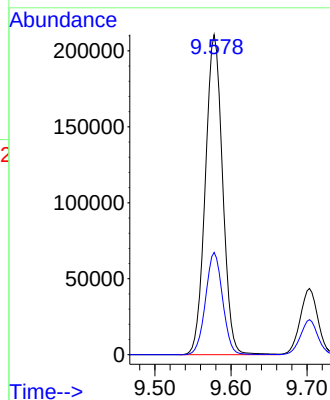
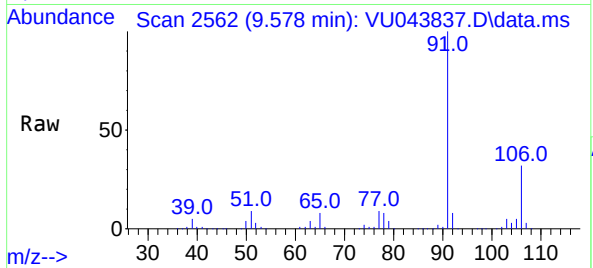




#52
Ethylbenzene
Concen: 4.72 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

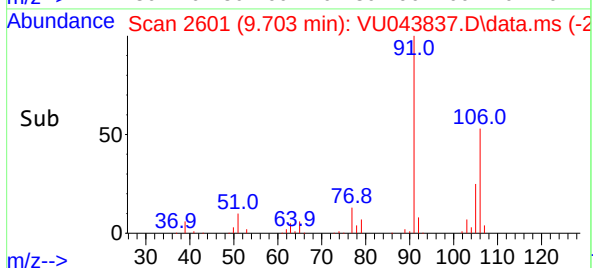
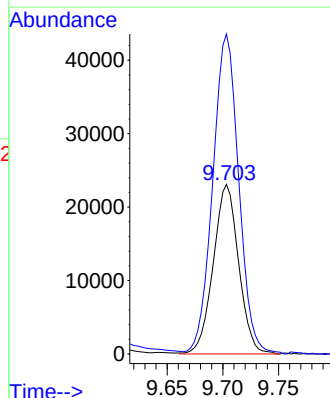
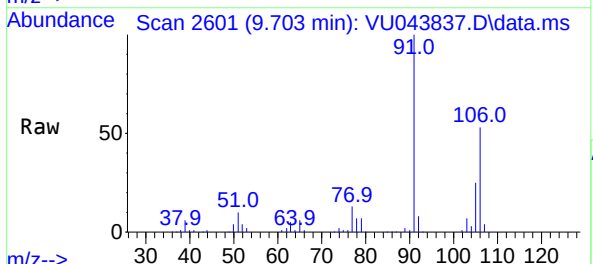
Instrument :
MSVOA_U
ClientSampled :
GB3Y6MSD

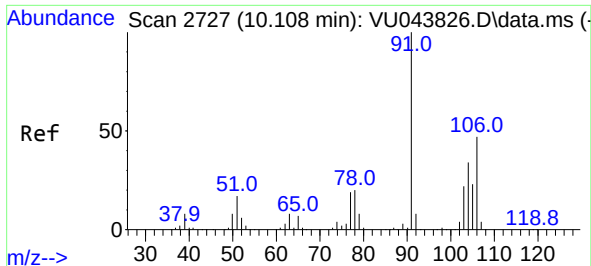
Tgt Ion: 91 Resp: 332390
Ion Ratio Lower Upper
91 100
106 32.0 21.7 40.3



#53
m,p-Xylene
Concen: 1.36 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 106 Resp: 36542
Ion Ratio Lower Upper
106 100
91 188.7 144.4 268.2

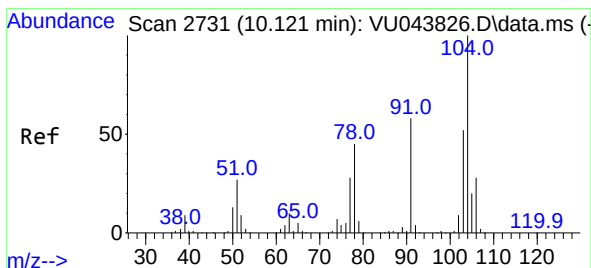
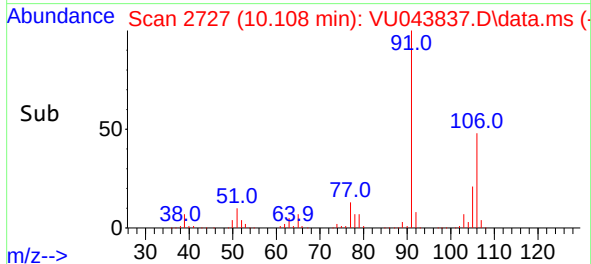
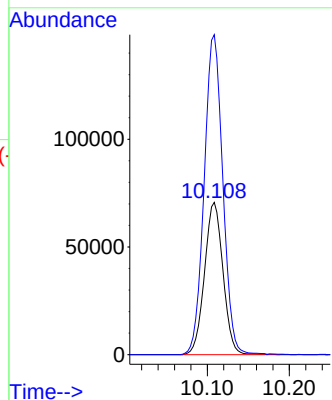
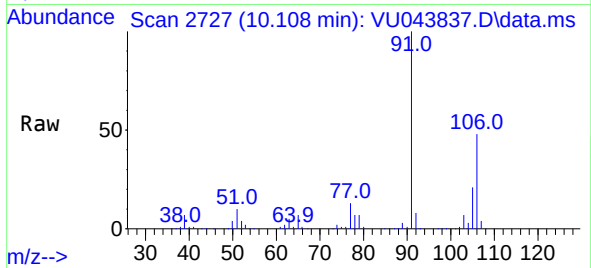




#54
o-Xylene
Concen: 4.33 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

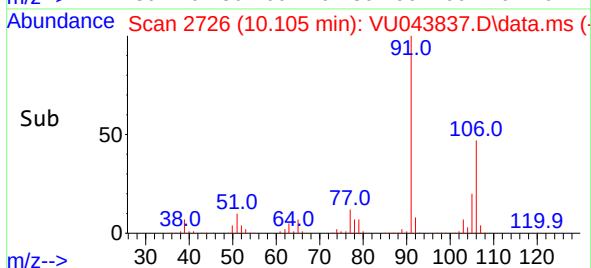
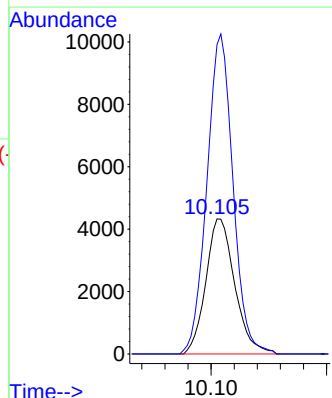
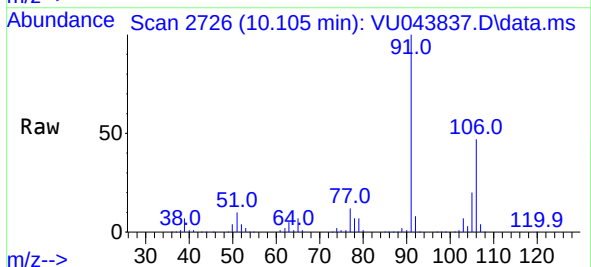
Instrument :
MSVOA_U
ClientSampled :
GB3Y6MSD

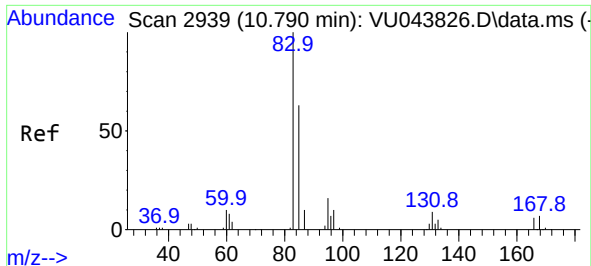
Tgt Ion:106 Resp: 110855
Ion Ratio Lower Upper
106 100
91 210.1 150.8 280.0



#55
Styrene
Concen: 0.17 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.016 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion:104 Resp: 7526
Ion Ratio Lower Upper
104 100
78 229.0 31.8 59.0#

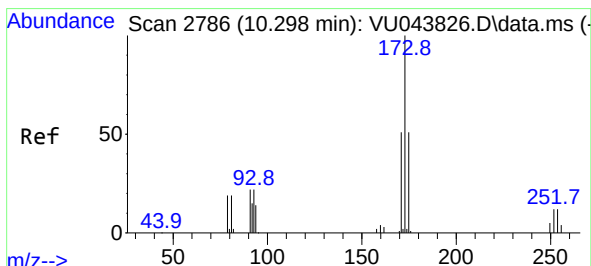
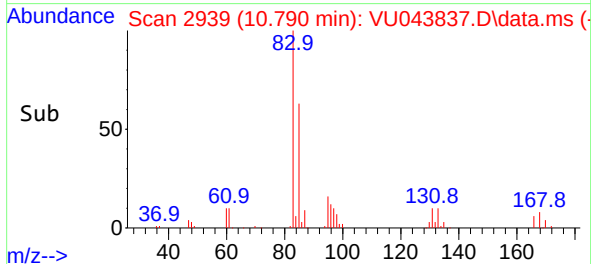
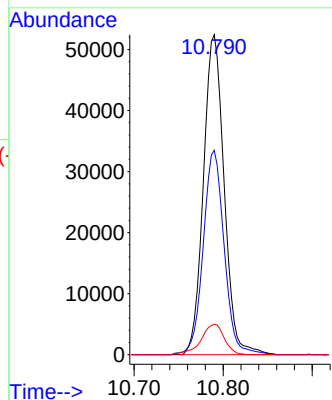
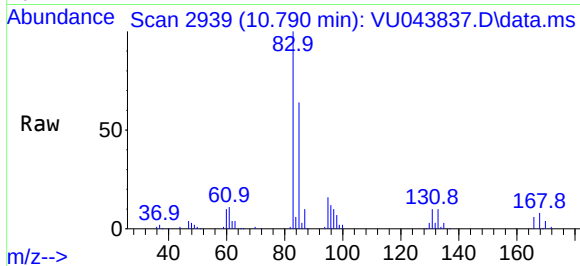




#57
1,1,2,2-Tetrachloroethane
Concen: 5.42 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

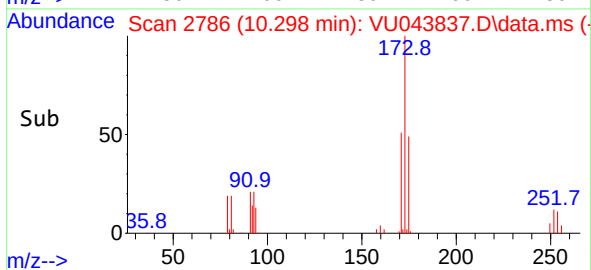
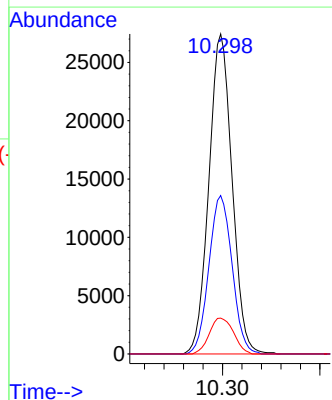
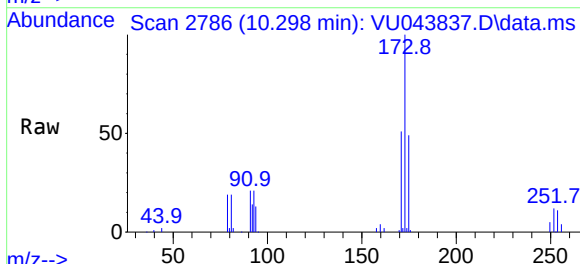
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MSD

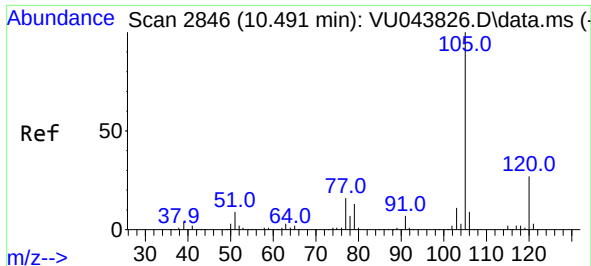
Tgt Ion:	83	Resp:	84769
Ion	Ratio	Lower	Upper
83	100		
85	63.8	45.1	83.7
131	9.5	7.6	11.4



#59
Bromoform
Concen: 5.69 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion:	173	Resp:	45279
Ion	Ratio	Lower	Upper
173	100		
175	49.6	38.8	58.2
254	11.8	9.4	14.2

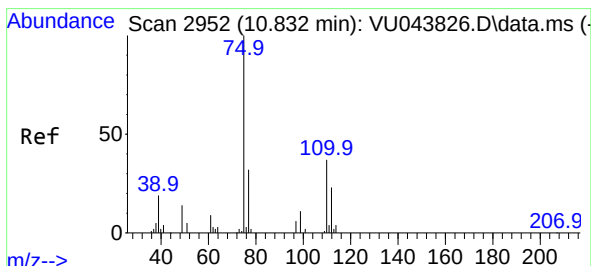
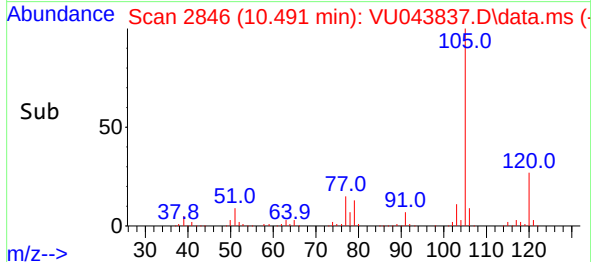
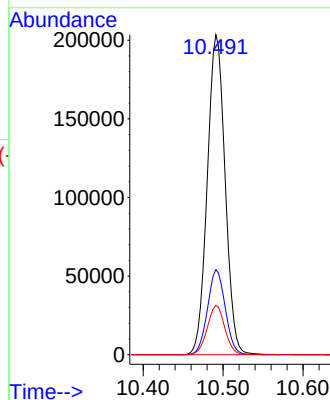
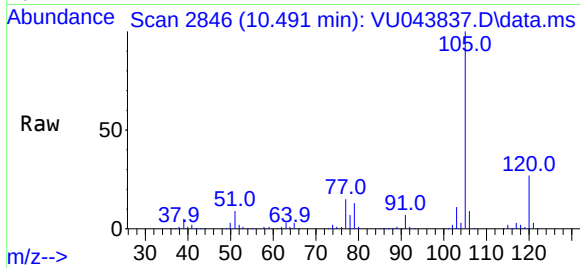




#60
Isopropylbenzene
Concen: 4.87 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

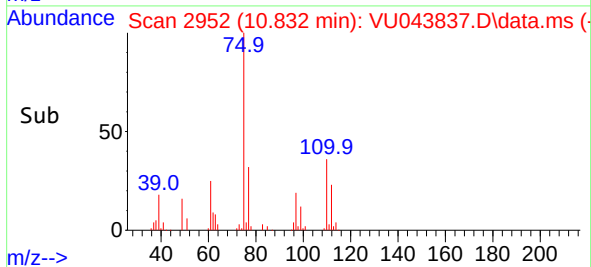
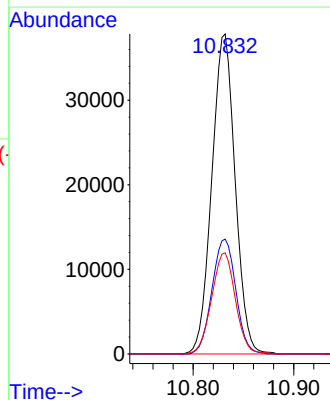
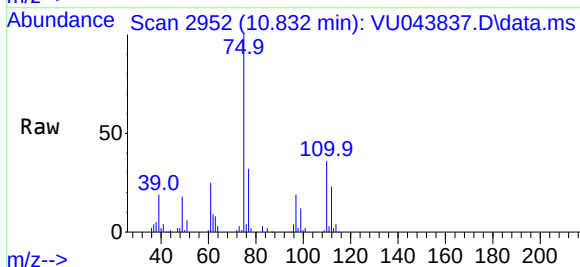
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MSD

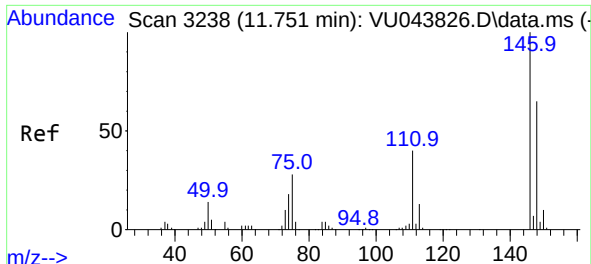
Tgt Ion:105 Resp: 316098
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 15.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.40 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 75 Resp: 60982
Ion Ratio Lower Upper
75 100
110 36.6 27.9 41.9
77 32.3 25.9 38.9

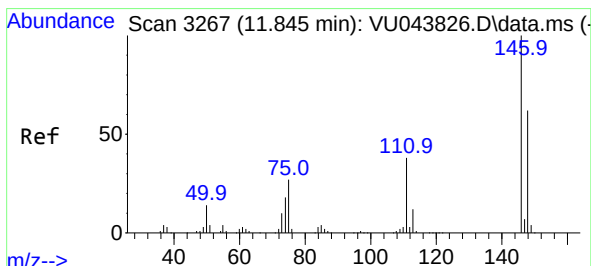
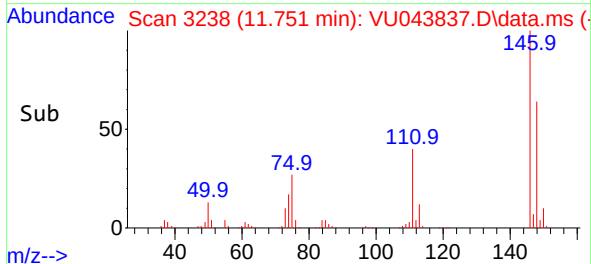
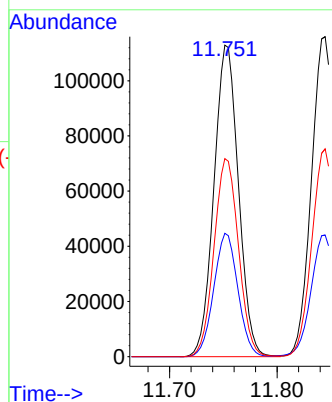
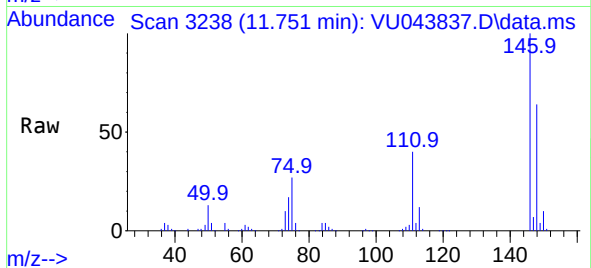




#64
1,3-Dichlorobenzene
Concen: 5.34 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

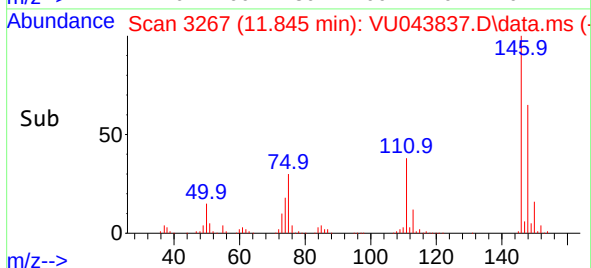
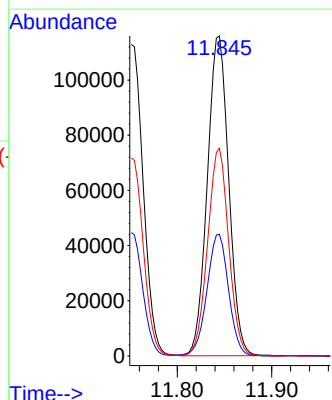
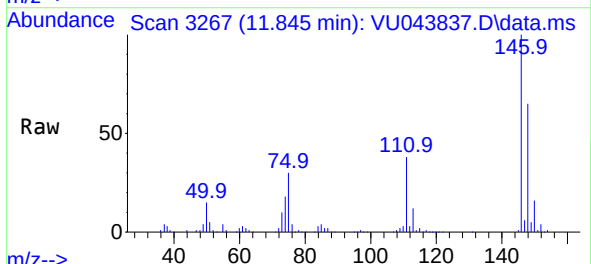
Instrument :
MSVOA_U
ClientSampled :
GB3Y6MSD

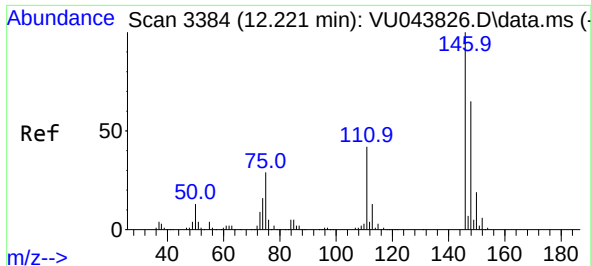
Tgt Ion:146 Resp: 178704
Ion Ratio Lower Upper
146 100
111 39.6 28.1 52.1
148 63.6 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.42 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion:146 Resp: 182227
Ion Ratio Lower Upper
146 100
111 38.0 27.0 50.2
148 65.0 45.0 83.6

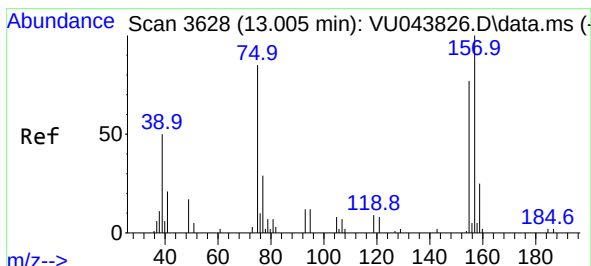
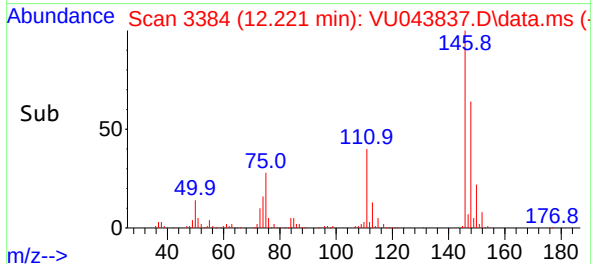
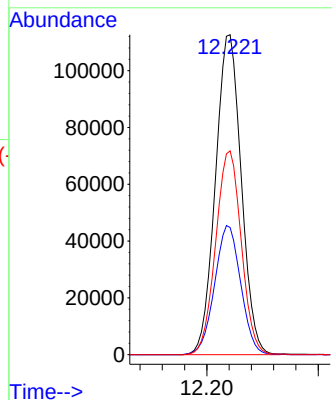
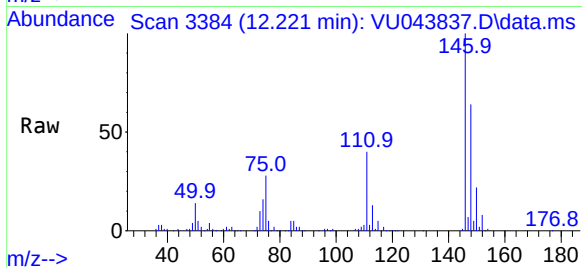




#67
1,2-Dichlorobenzene
Concen: 5.65 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

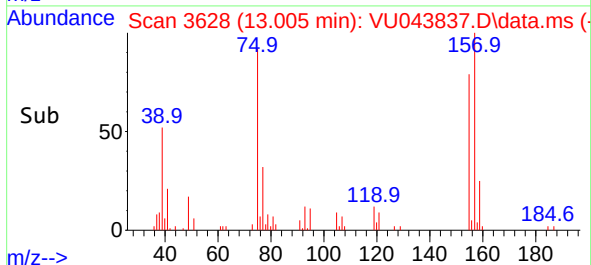
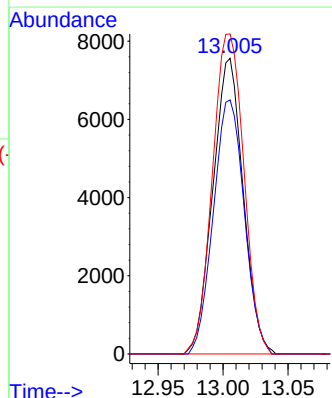
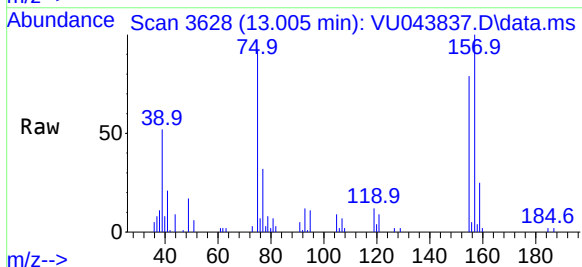
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MSD

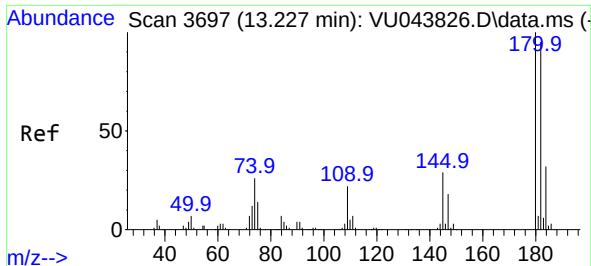
Tgt Ion:146 Resp: 181449
Ion Ratio Lower Upper
146 100
111 39.8 33.6 50.4
148 63.7 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.30 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion: 75 Resp: 12270
Ion Ratio Lower Upper
75 100
155 85.9 68.7 103.1
157 108.2 87.7 131.5



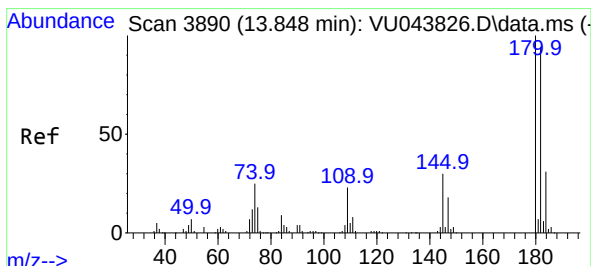
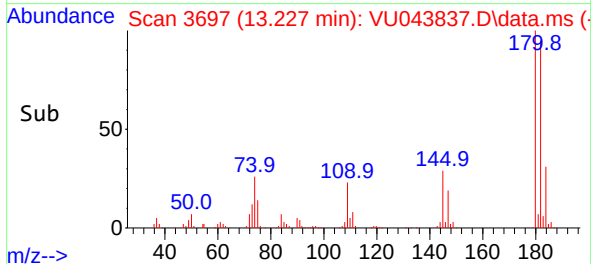
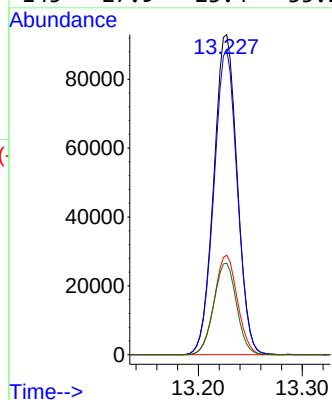
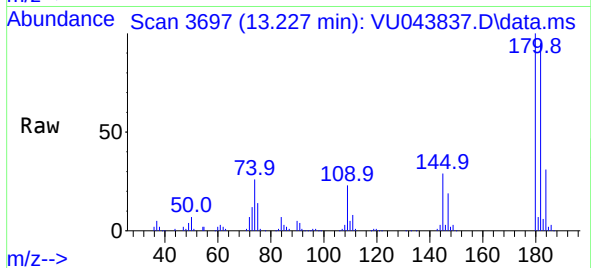


#69
1,3,5-Trichlorobenzene
Concen: 5.47 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Instrument :
MSVOA_U
ClientSampleId :
GB3Y6MSD

Tgt Ion:180 Resp: 145895

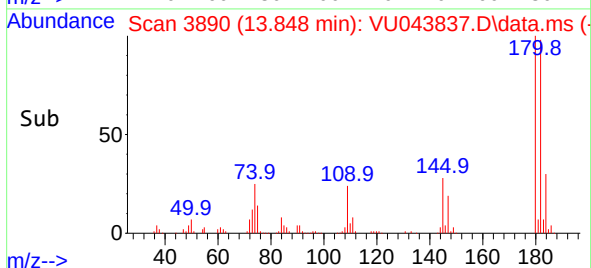
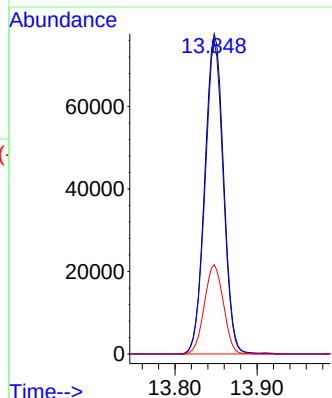
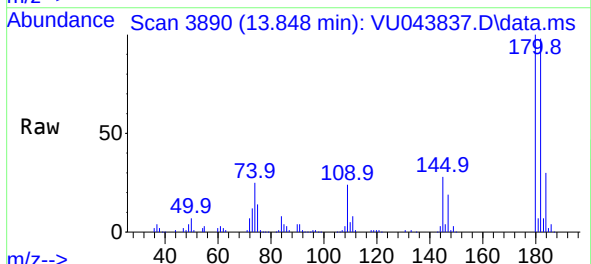
Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.2	117.2
184	30.6	24.8	37.2
145	27.9	23.4	35.2

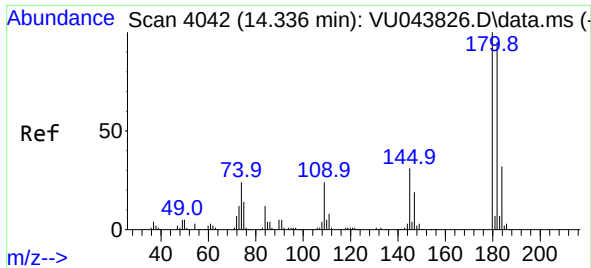


#70
1,2,4-trichlorobenzene
Concen: 5.63 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043837.D
Acq: 19 May 2021 19:26

Tgt Ion:180 Resp: 123708

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.9	115.3
145	28.1	23.0	34.4





#72
 1,2,3-Trichlorobenzene
 Concen: 5.43 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.000 min
 Lab File: VU043837.D
 Acq: 19 May 2021 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Y6MSD

Tgt Ion:180 Resp: 113221
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.0 115.4
 145 30.8 24.6 36.8

