

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042078.D
 Acq On : 15 Jan 2021 17:38
 Operator : SY/MD
 Sample : M1065-16DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP6DL

Quant Time: Jan 16 01:13:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 16 01:05:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	122822	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	125803	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	47238	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34209	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.919	69	42343	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.575	63	58138	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.652	46	174467	56.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.18%
24) Chloroform-d	5.076	84	89639	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.716	65	53799	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.742	84	163788	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.700	67	57605	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.906	98	136988	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloroprop...	8.186	79	22939	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.639	63	165899	60.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.72%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	51586	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.189	152	49845	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1117	0.08	ug/L	91
9) Trichlorofluoromethane	2.144	101	1773	0.10	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	531	0.05	ug/L #	21
13) Acetone	2.658	43	1922	0.99	ug/L	90
16) Methylene chloride	3.060	84	4039	0.36	ug/L	87
17) Methyl tert-butyl Ether	3.382	73	2112	0.08	ug/L #	65
22) cis-1,2-Dichloroethene	4.681	96	5419	0.53	ug/L	92
25) Chloroform	5.099	83	1673	0.09	ug/L #	74
27) 1,2-Dichloroethane	5.745	62	1056	0.09	ug/L #	75
34) Trichloroethene	6.555	95	45348	3.90	ug/L	98
35) Methylcyclohexane	6.703	83	13416	0.73	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	6068	0.50	ug/L #	90
44) trans-1,3-Dichloropropene	8.179	75	877	0.06	ug/L #	81
47) Tetrachloroethene	8.559	164	8299	1.10	ug/L	92
48) 2-Hexanone	8.642	43	17529	3.11	ug/L #	70
49) Dibromochloromethane	8.559	129	8768	0.94	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5353	0.67	ug/L	93

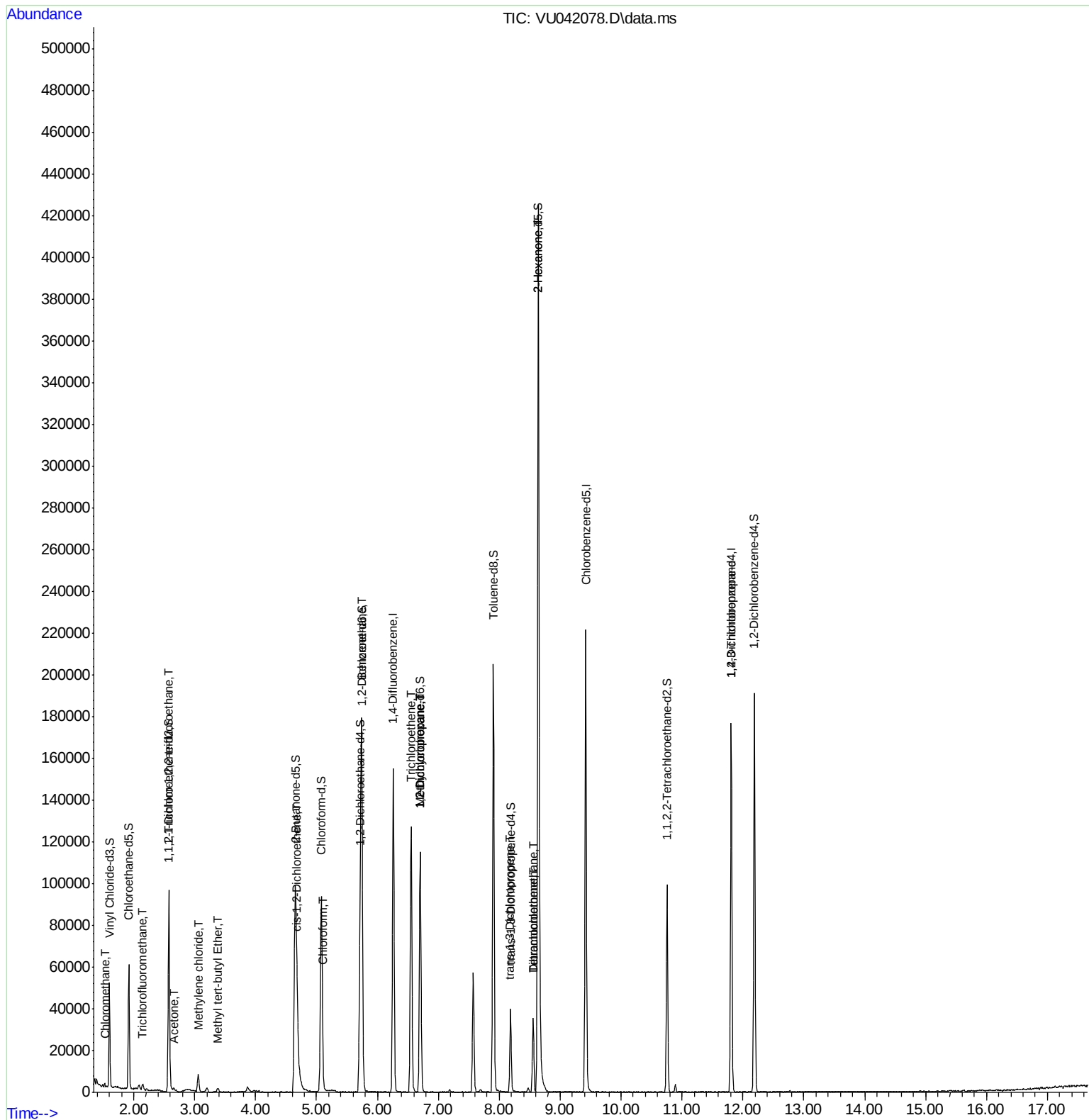
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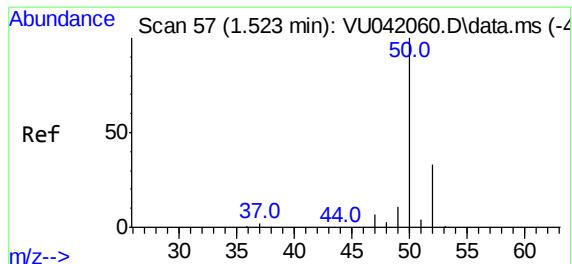
Instrument :
MSVOA_U
ClientSampleId :
BFXP6DL

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Response via : Initial Calibration

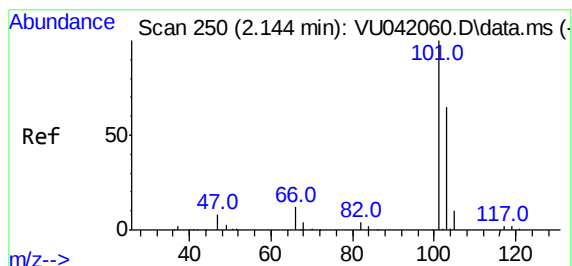
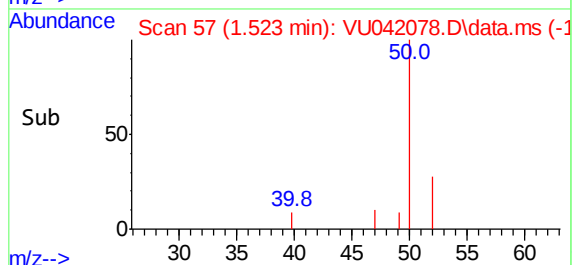
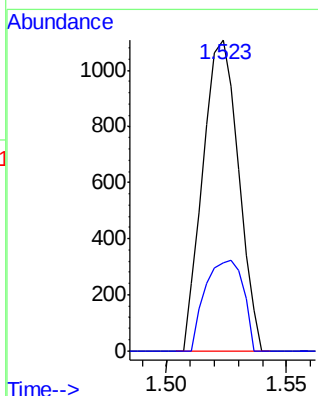
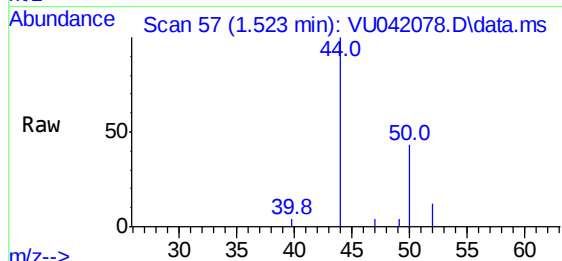




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042078.D
Acq: 15 Jan 2021 17:38

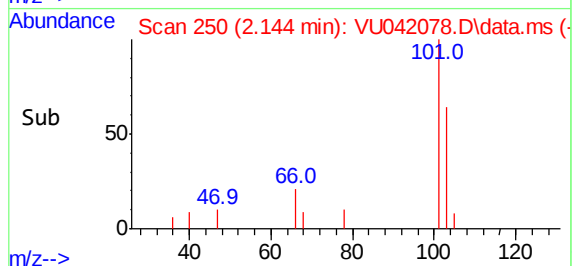
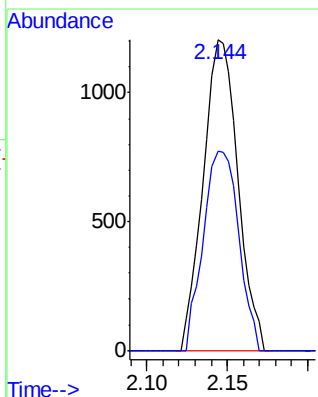
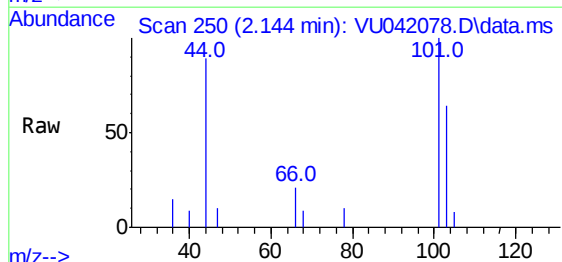
Instrument :
MSVOA_U
ClientSampled :
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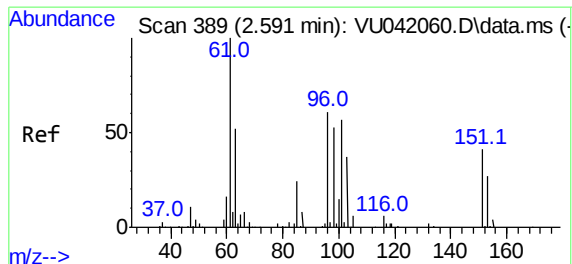
Tgt Ion: 50 Resp: 1117
Ion Ratio Lower Upper
50 100
52 28.3 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.10 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042078.D
Acq: 15 Jan 2021 17:38

Tgt Ion: 101 Resp: 1773
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4

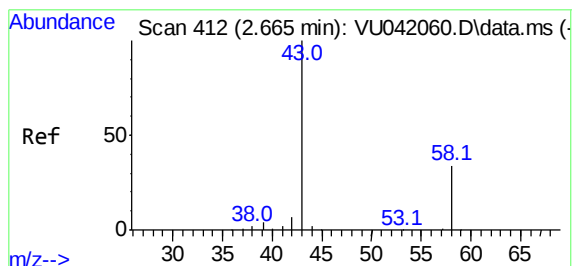
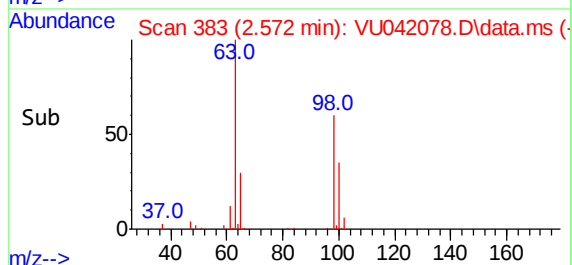
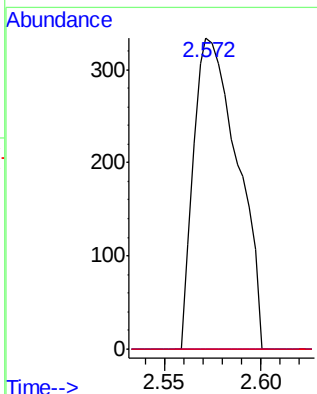
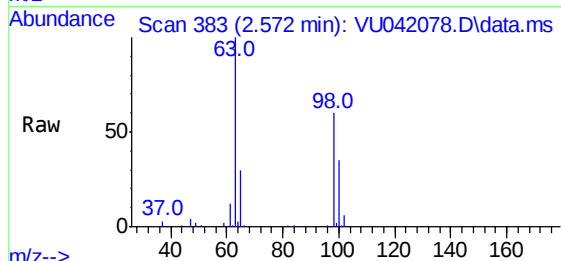




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.019 min
Lab File: VU042078.D
Acq: 15 Jan 2021 17:38

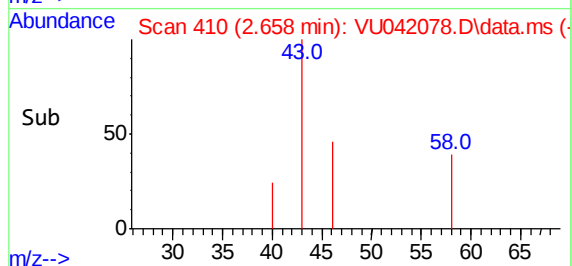
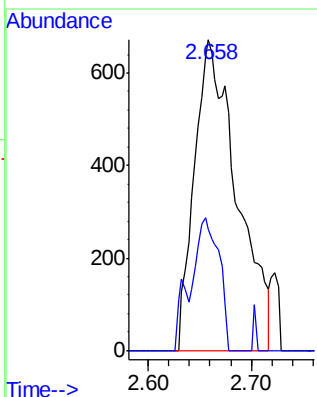
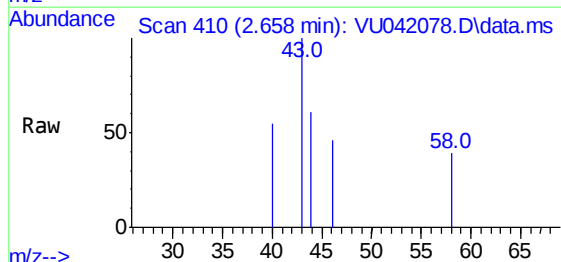
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MSVOA_U
ClientSampleId :
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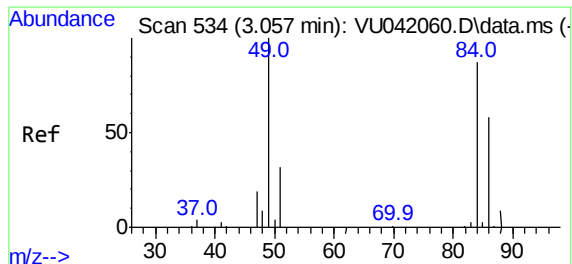
Tgt Ion:101 Resp: 531
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#



#13
Acetone
Concen: 0.99 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.006 min
Lab File: VU042078.D
Acq: 15 Jan 2021 17:38

Tgt Ion: 43 Resp: 1922
Ion Ratio Lower Upper
43 100
58 23.5 0.0 57.4

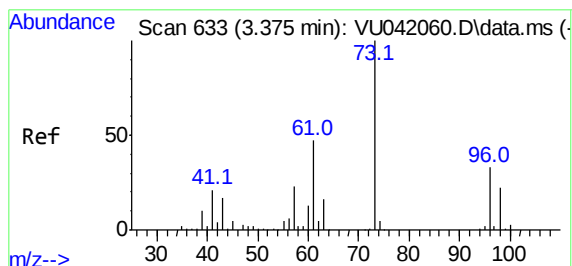
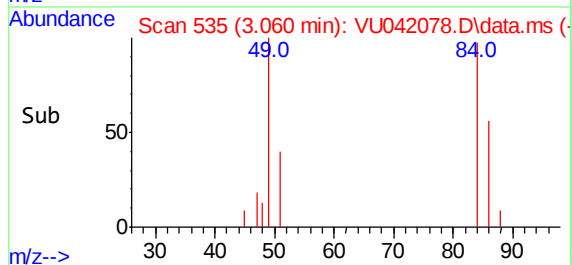
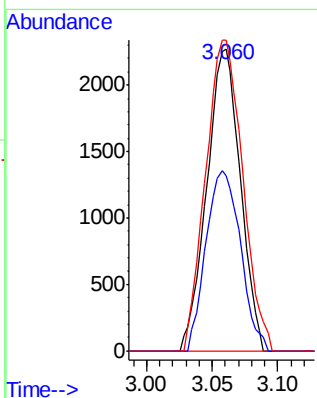
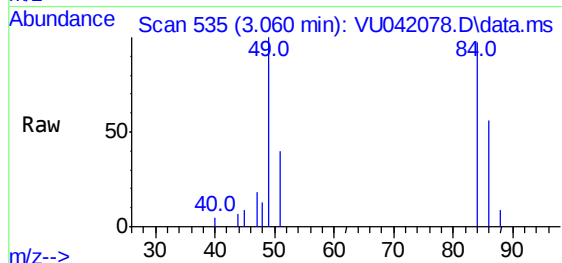




#16
Methylene chloride
Concen: 0.36 ug/L
RT: 3.060 min Scan# 535
Delta R.T. 0.003 min
Lab File: VU042078.D
Acq: 15 Jan 2021 17:38

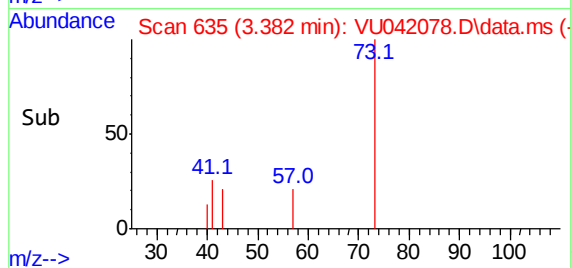
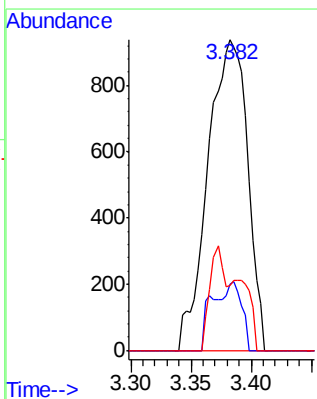
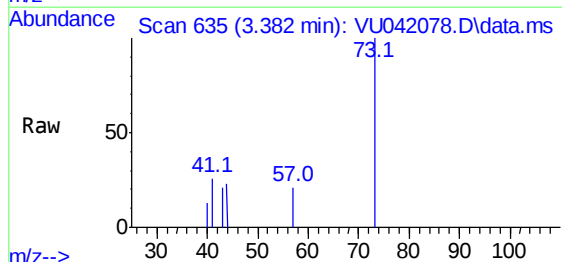
Instrument :
MSVOA_U
ClientSampleId :
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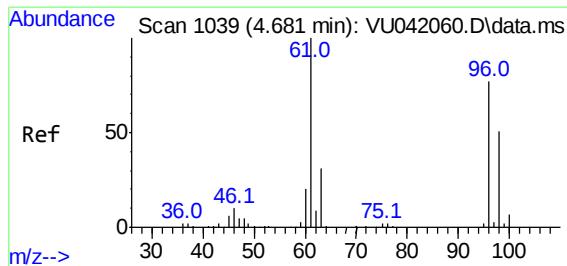
Tgt Ion: 84 Resp: 4039
Ion Ratio Lower Upper
84 100
86 58.1 42.6 79.0
49 103.0 86.2 160.0



#17
Methyl tert-butyl Ether
Concen: 0.08 ug/L
RT: 3.382 min Scan# 635
Delta R.T. 0.006 min
Lab File: VU042078.D
Acq: 15 Jan 2021 17:38

Tgt Ion: 73 Resp: 2112
Ion Ratio Lower Upper
73 100
43 9.0 15.1 22.7#
57 0.0 18.0 27.0#



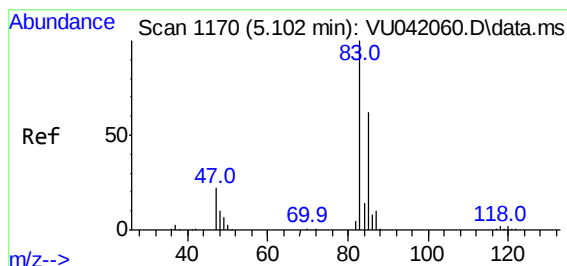
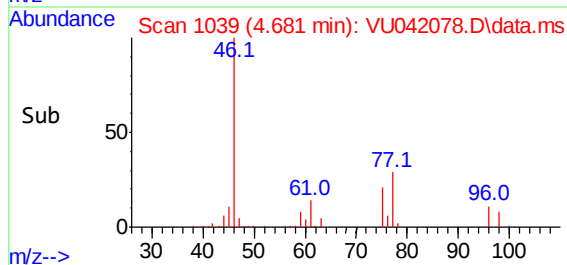
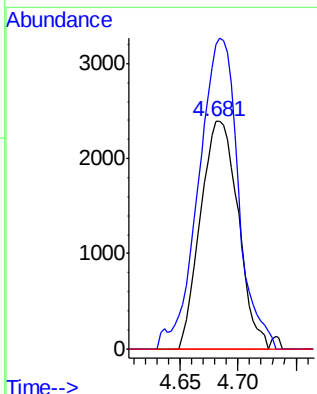
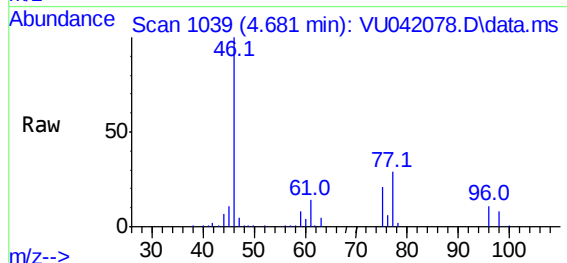


#22
 cis-1,2-Dichloroethene
 Concen: 0.53 ug/L
 RT: 4.681 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VU042078.D
 Acq: 15 Jan 2021 17:38

Instrument :
 MSVOA_U
 ClientSampled :
 BFXP6DL

Tgt Ion: 96 Resp: 5419

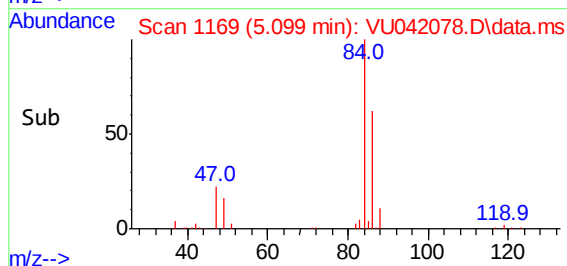
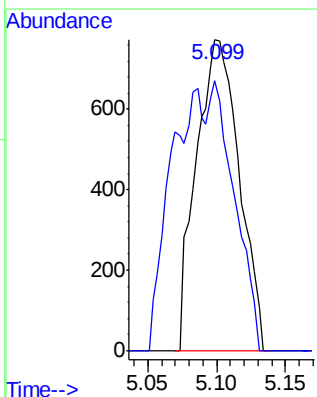
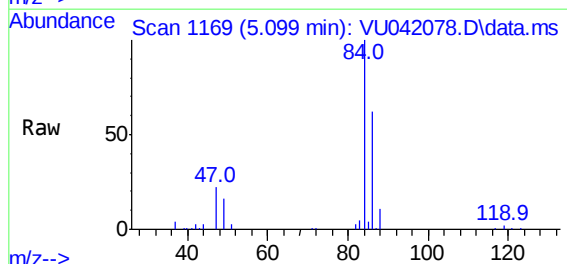
Ion	Ratio	Lower	Upper
96	100		
61	133.5	100.3	186.3
68	0.0	0.0	0.0

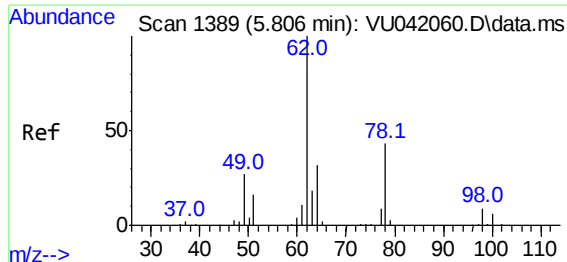


#25
 Chloroform
 Concen: 0.09 ug/L
 RT: 5.099 min Scan# 1169
 Delta R.T. -0.003 min
 Lab File: VU042078.D
 Acq: 15 Jan 2021 17:38

Tgt Ion: 83 Resp: 1673

Ion	Ratio	Lower	Upper
83	100		
85	86.7	46.1	85.7#

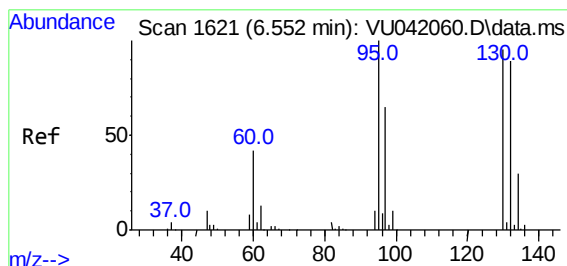
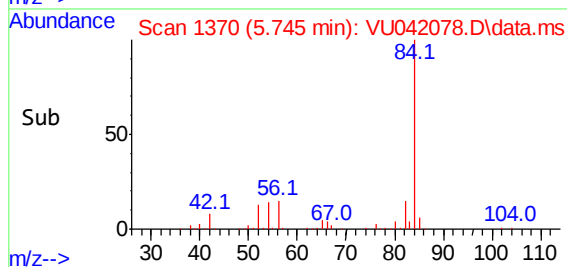
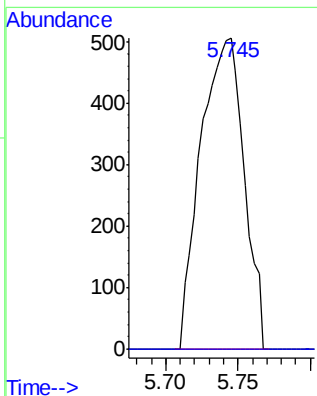
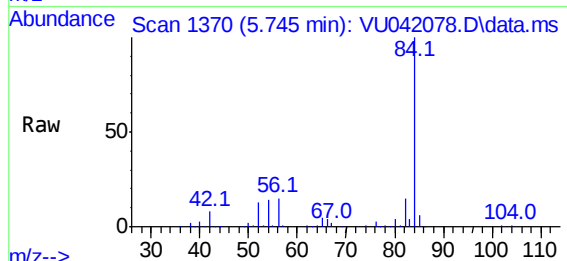




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.745 min Scan# 1370
Delta R.T. -0.061 min
Lab File: VU042078.D
Acq: 15 Jan 2021 17:38

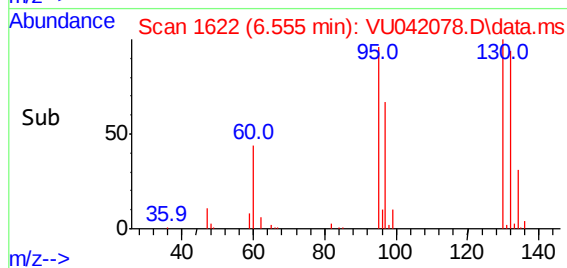
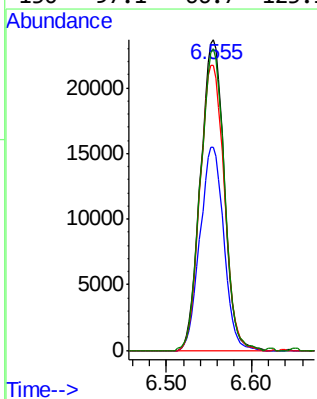
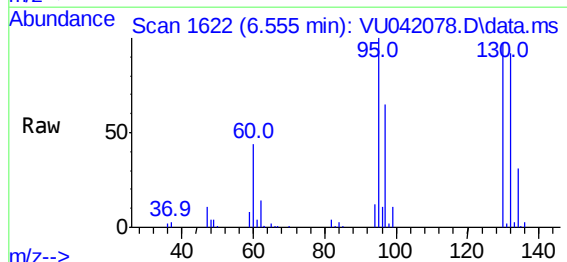
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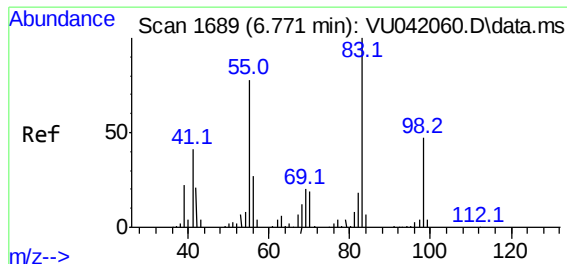
Tgt Ion: 62 Resp: 1056
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



#34
Trichloroethene
Concen: 3.90 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.003 min
Lab File: VU042078.D
Acq: 15 Jan 2021 17:38

Tgt Ion: 95 Resp: 45348
Ion Ratio Lower Upper
95 100
97 65.4 43.6 81.0
132 91.6 64.3 119.3
130 97.1 66.7 123.9

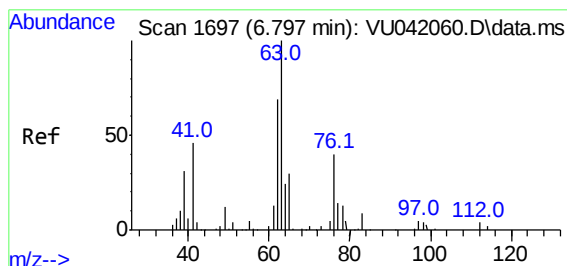
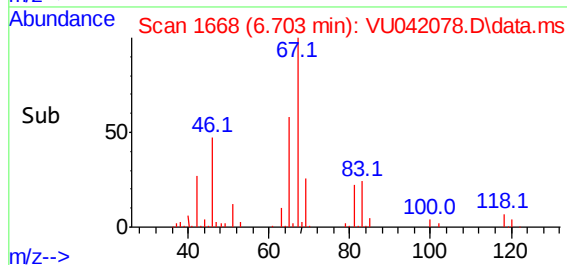
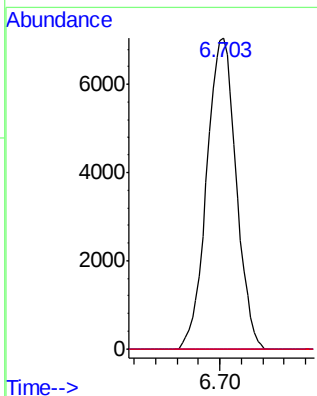
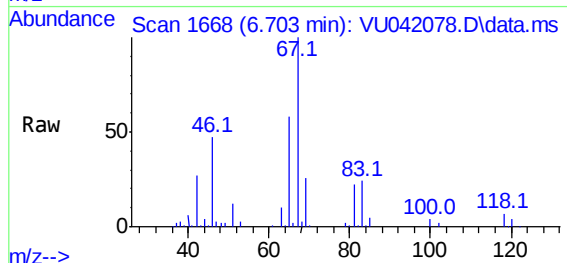




#35
Methylcyclohexane
Concen: 0.73 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.068 min
Lab File: VU042078.D
Acq: 15 Jan 2021 17:38

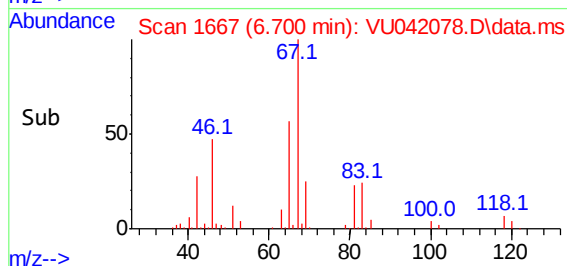
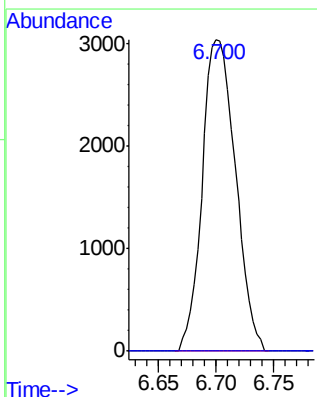
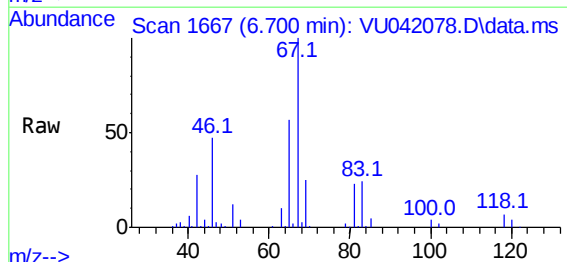
Instrument :
MSVOA_U
ClientSampleId :
BFXP6DL

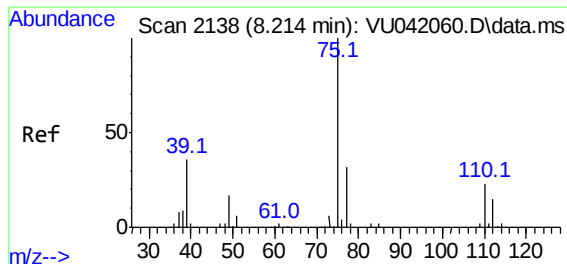
Tgt Ion: 83 Resp: 13416
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.0 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.50 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.096 min
Lab File: VU042078.D
Acq: 15 Jan 2021 17:38

Tgt Ion: 63 Resp: 6068
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

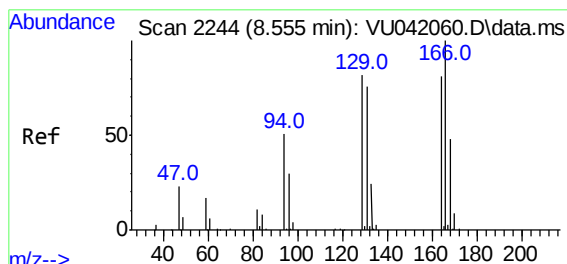
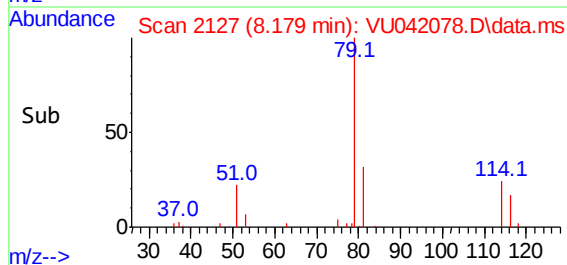
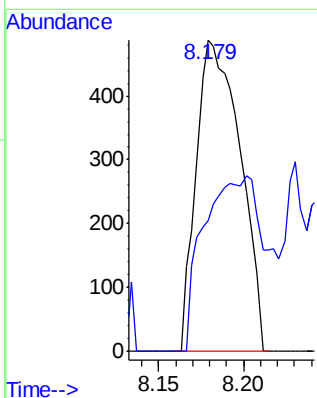
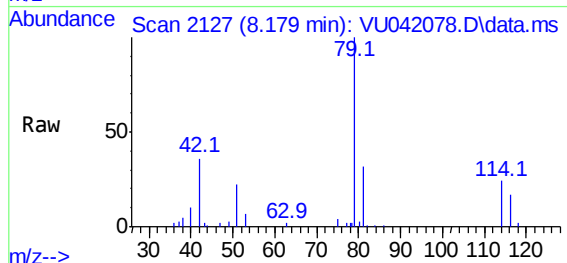




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.035 min
Lab File: VU042078.D
Acq: 15 Jan 2021 17:38

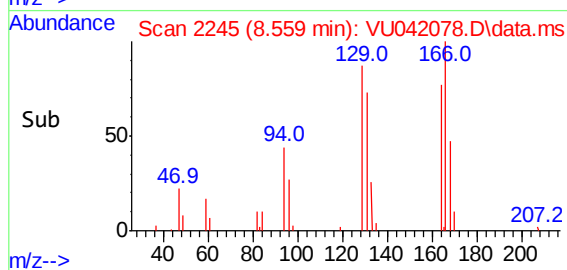
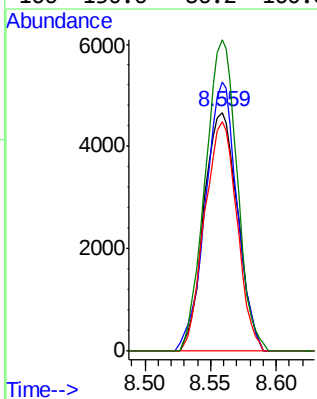
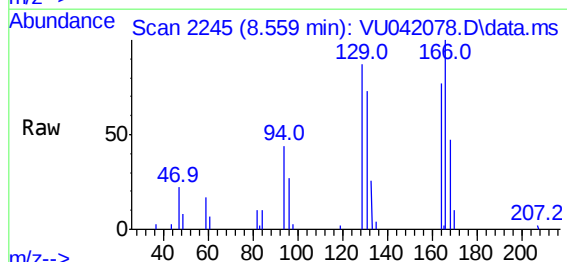
Instrument :
MSVOA_U
ClientSampleId :
BFXP6DL

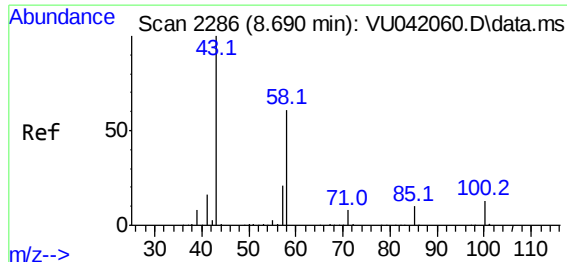
Tgt Ion: 75 Resp: 877
Ion Ratio Lower Upper
75 100
77 42.0 22.0 41.0#



#47
Tetrachloroethene
Concen: 1.10 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042078.D
Acq: 15 Jan 2021 17:38

Tgt Ion:164 Resp: 8299
Ion Ratio Lower Upper
164 100
129 113.0 68.7 127.5
131 96.0 65.2 121.0
166 130.6 86.2 160.0



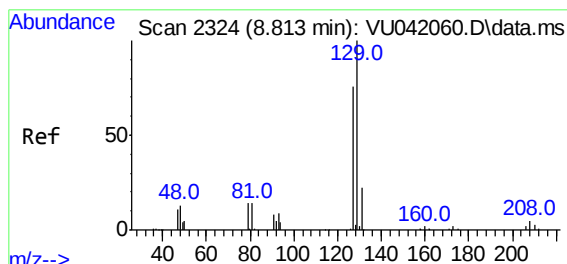
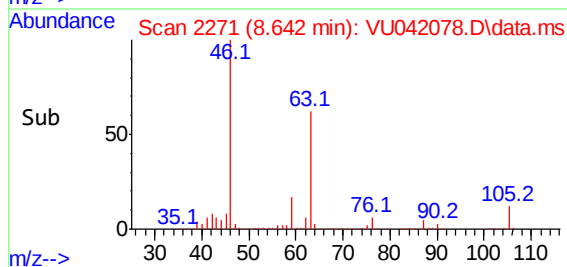
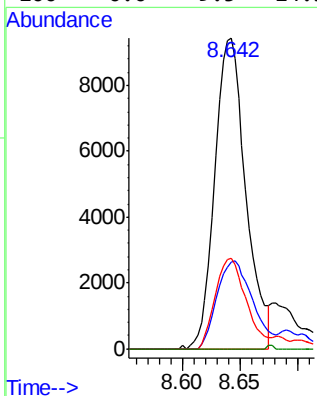
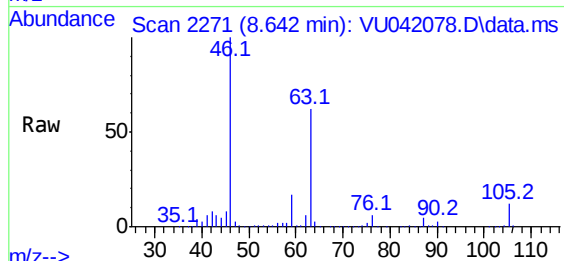


#48
2-Hexanone
Concen: 3.11 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042078.D
Acq: 15 Jan 2021 17:38

Instrument :
MSVOA_U
ClientSampleId :
BFXP6DL

Tgt Ion: 43 Resp: 17529

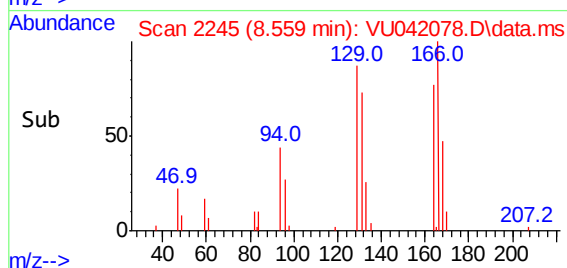
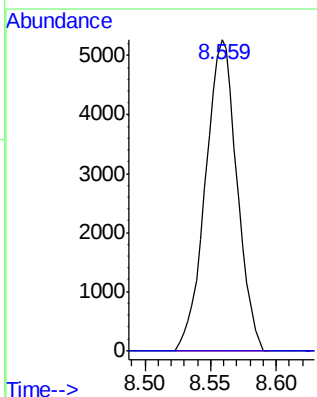
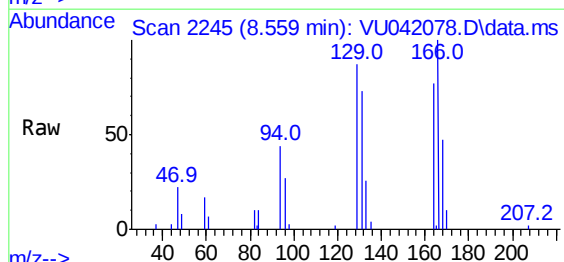
Ion	Ratio	Lower	Upper
43	100		
58	32.7	47.8	71.8#
57	29.0	17.4	26.0#
100	0.0	9.5	14.3#

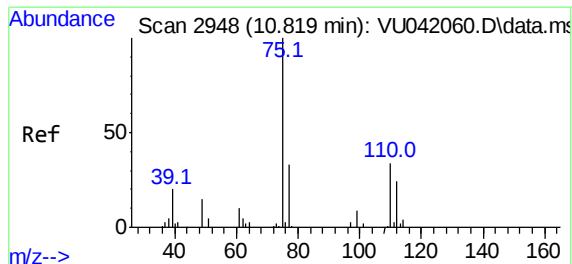


#49
Dibromochloromethane
Concen: 0.94 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU042078.D
Acq: 15 Jan 2021 17:38

Tgt Ion: 129 Resp: 8768

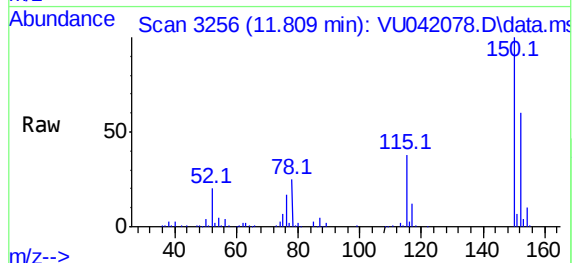
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.67 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.990 min
 Lab File: VU042078.D
 Acq: 15 Jan 2021 17:38

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP6DL



Tgt Ion: 75 Resp: 5353
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.6 38.4

