

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042043.D
 Acq On : 14 Jan 2021 20:00
 Operator : SY/MD
 Sample : M1065-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP0

Quant Time: Jan 15 06:35:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 06:32:40 2021
 Response via : Initial Calibration

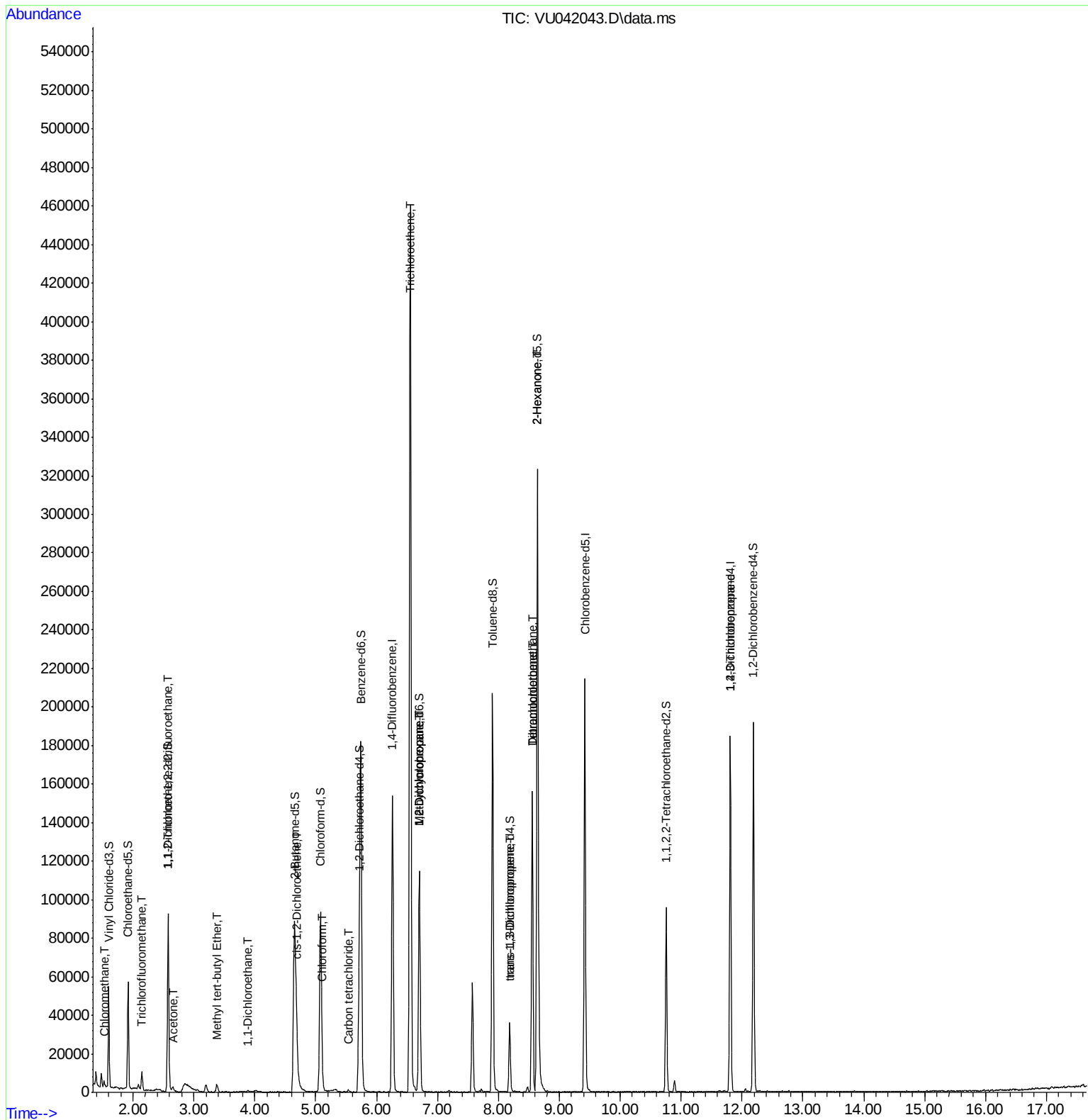
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

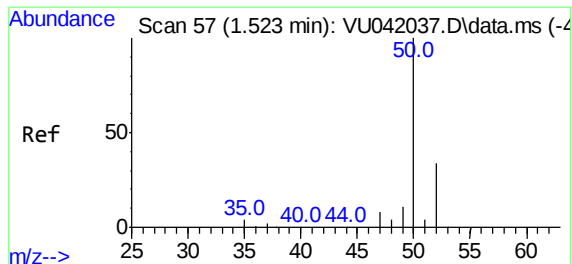
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	125886	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	122558	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	49413	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	35002	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.919	69	37745	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.575	63	56481	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.652	46	141125	44.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.54%
24) Chloroform-d	5.080	84	88014	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.716	65	48819	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.742	84	167416	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.700	67	58112	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.903	98	138968	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloroprop...	8.186	79	21945	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.642	63	128423	47.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.94%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	50400	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.189	152	49222	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1738	0.12	ug/L	100
9) Trichlorofluoromethane	2.144	101	5751	0.31	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	600	0.06	ug/L #	45
13) Acetone	2.662	43	1422	0.71	ug/L	62
17) Methyl tert-butyl Ether	3.379	73	4635	0.18	ug/L	97
19) 1,1-Dichloroethane	3.890	63	918	0.05	ug/L #	82
22) cis-1,2-Dichloroethene	4.684	96	8857	0.85	ug/L	85
25) Chloroform	5.102	83	6790	0.35	ug/L	98
31) Carbon tetrachloride	5.536	117	757	0.05	ug/L #	76
34) Trichloroethene	6.552	95	163125	14.39	ug/L	98
35) Methylcyclohexane	6.700	83	13303	0.74	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5828	0.49	ug/L #	90
44) trans-1,3-Dichloropropene	8.189	75	854	0.06	ug/L #	65
47) Tetrachloroethene	8.555	164	35240	4.80	ug/L	96
48) 2-Hexanone	8.642	43	13760	2.50	ug/L #	70
49) Dibromochloromethane	8.555	129	33528	3.69	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5981	0.77	ug/L	100

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

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MSVOA_U
ClientSampleId :
BFXP0

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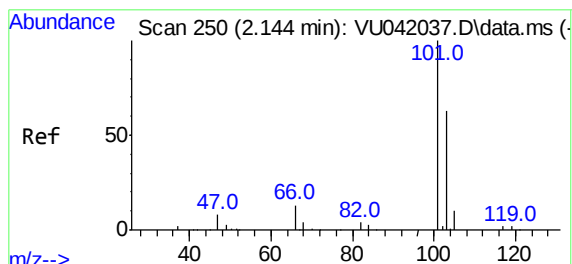
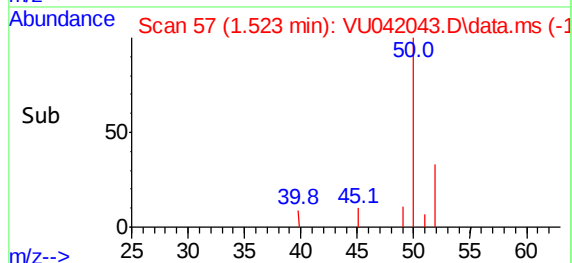
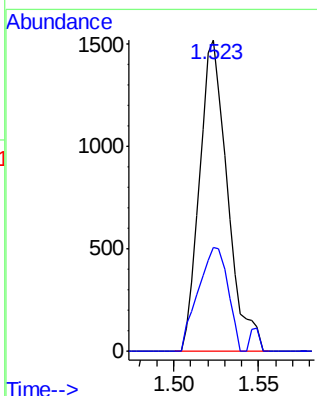
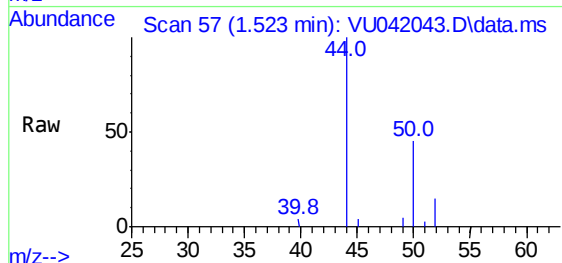




#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

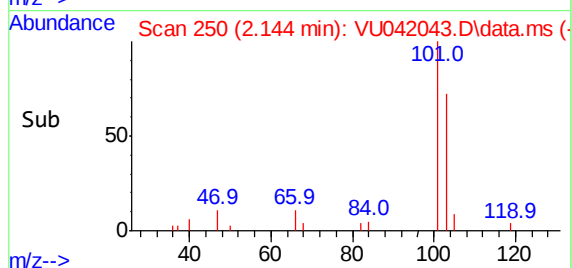
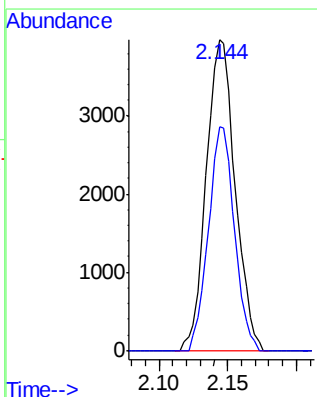
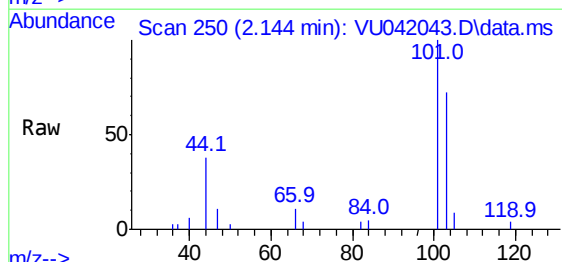
Instrument :
MSVOA_U
ClientSampled :
BFXP0

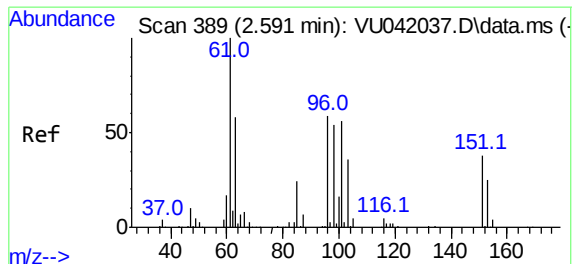
Tgt Ion: 50 Resp: 1738
Ion Ratio Lower Upper
50 100
52 33.4 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.31 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

Tgt Ion: 101 Resp: 5751
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

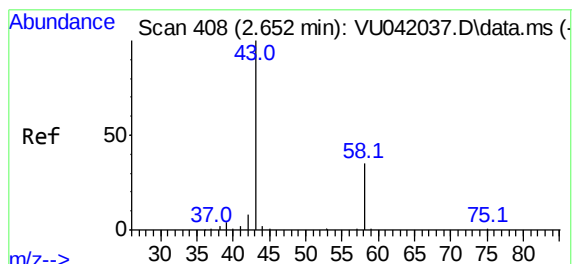
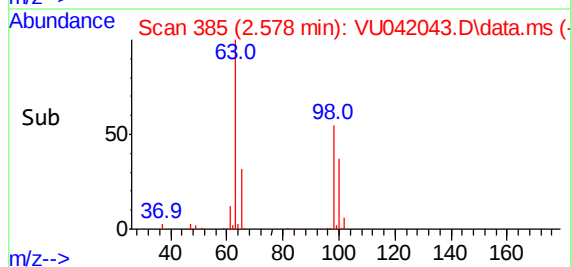
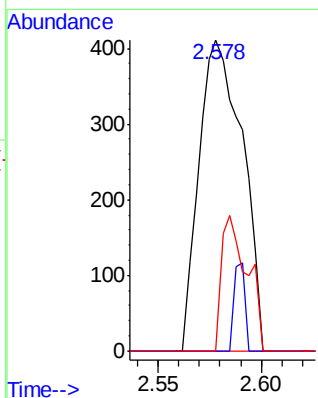
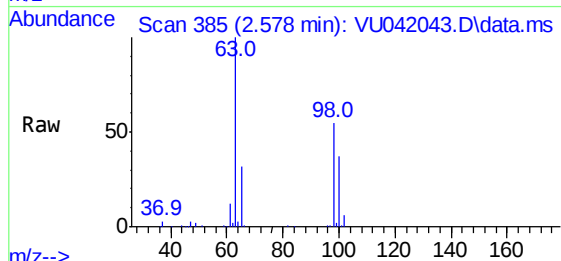




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

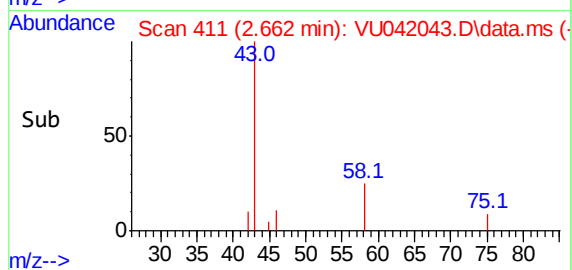
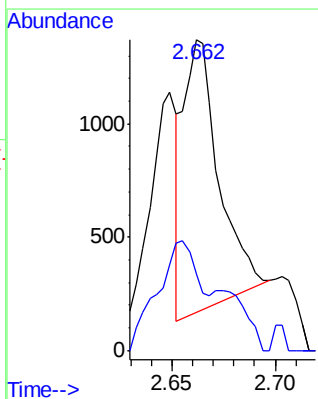
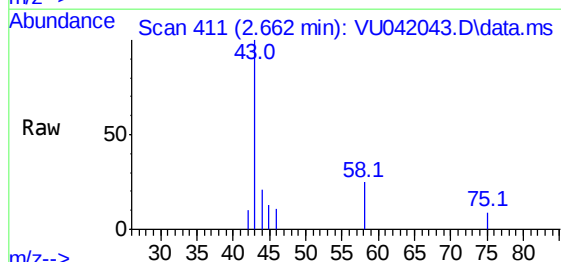
Instrument :
MSVOA_U
ClientSampleId :
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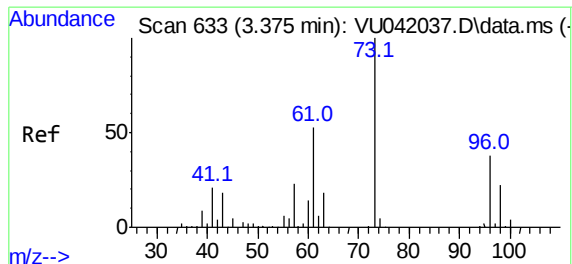
Tgt Ion:101 Resp: 600
Ion Ratio Lower Upper
101 100
85 7.3 35.9 53.9#
151 25.8 55.4 83.2#



#13
Acetone
Concen: 0.71 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.010 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
58 49.2 0.0 57.4

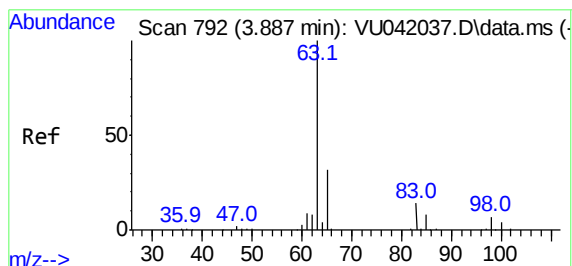
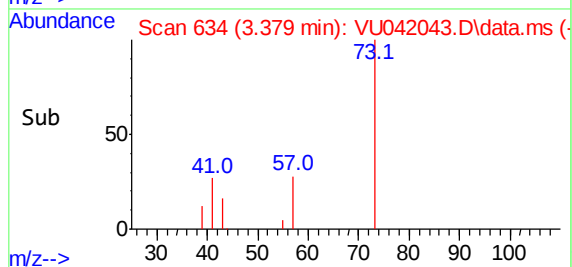
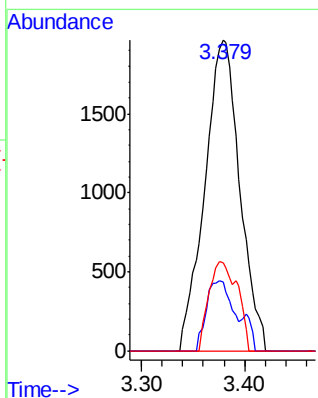
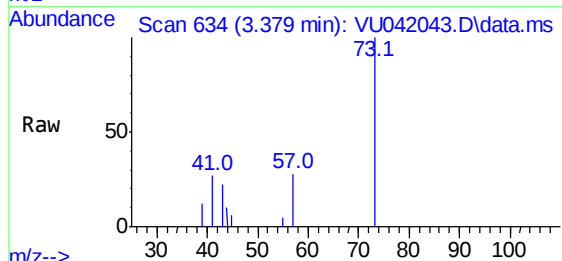




#17
Methyl tert-butyl Ether
Concen: 0.18 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.003 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

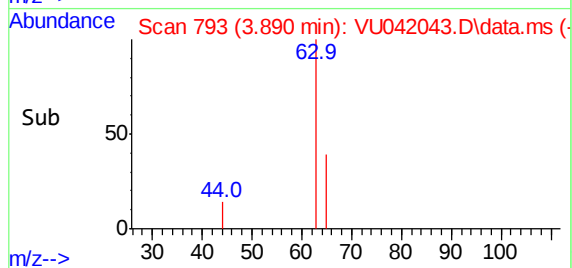
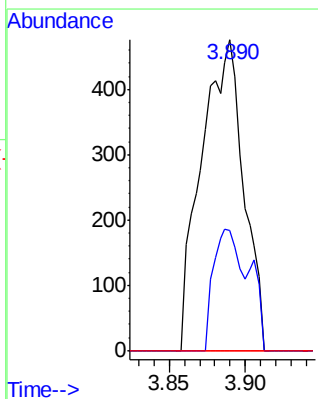
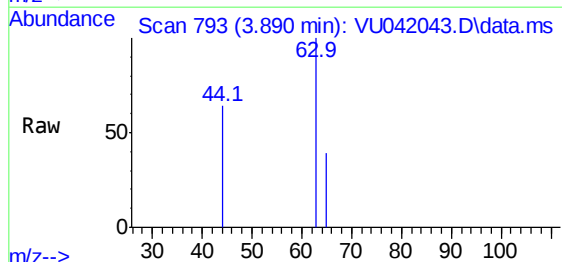
Instrument :
MSVOA_U
ClientSampled :
BFXP0

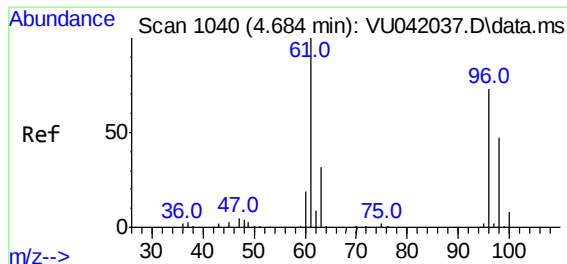
Tgt Ion: 73 Resp: 4635
Ion Ratio Lower Upper
73 100
43 16.7 15.1 22.7
57 23.4 18.0 27.0



#19
1,1-Dichloroethane
Concen: 0.05 ug/L
RT: 3.890 min Scan# 793
Delta R.T. 0.003 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

Tgt Ion: 63 Resp: 918
Ion Ratio Lower Upper
63 100
65 38.9 22.7 42.1
83 0.0 9.4 17.6#

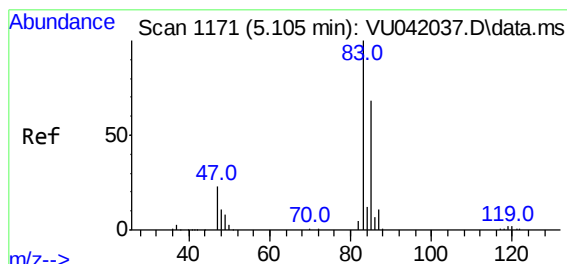
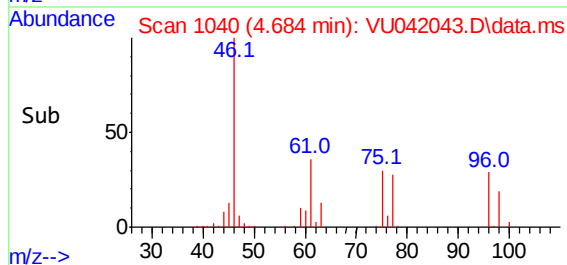
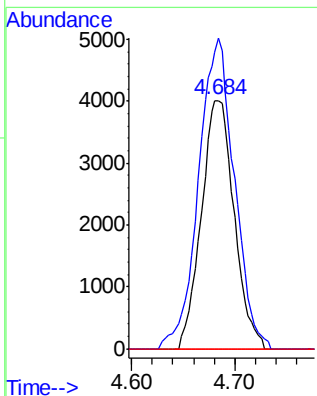
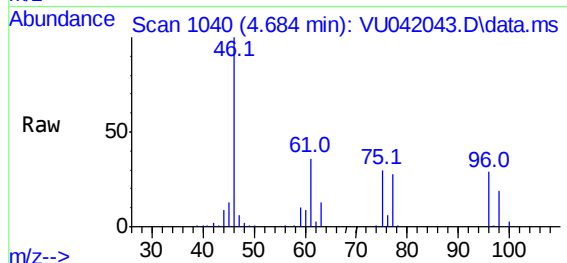




#22
cis-1,2-Dichloroethene
Concen: 0.85 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

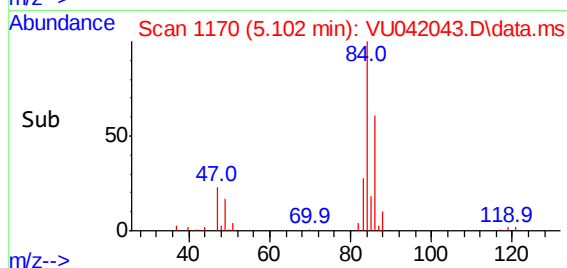
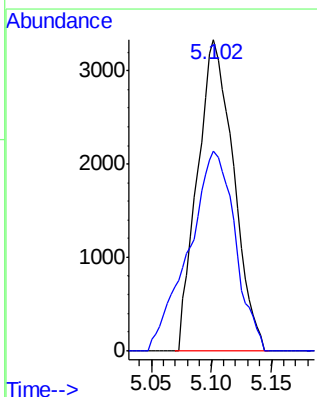
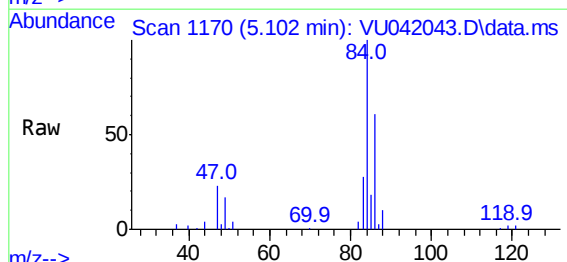
Instrument :
MSVOA_U
ClientSampled :
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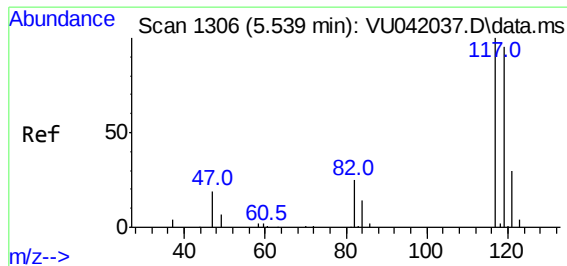
Tgt Ion: 96 Resp: 8857
Ion Ratio Lower Upper
96 100
61 125.0 100.3 186.3
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.35 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

Tgt Ion: 83 Resp: 6790
Ion Ratio Lower Upper
83 100
85 64.3 46.1 85.7

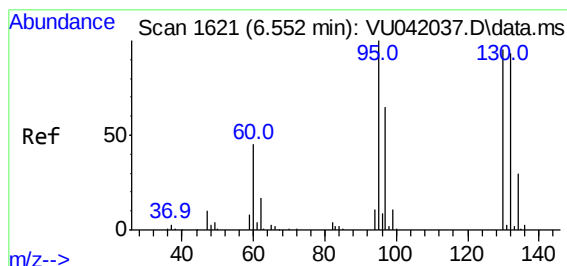
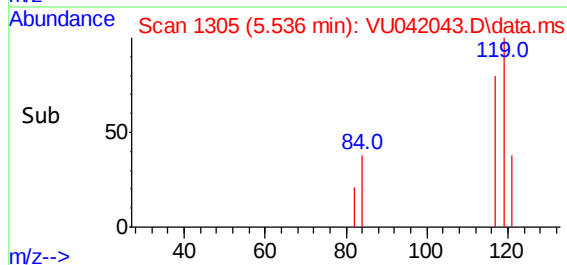
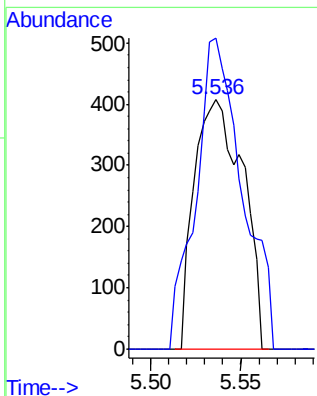
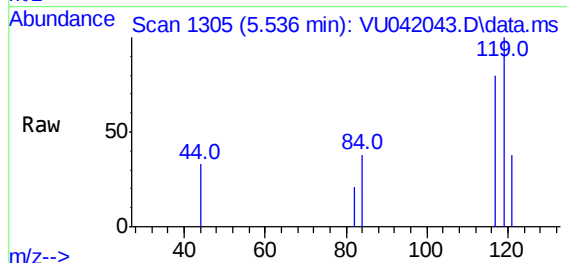




#31
Carbon tetrachloride
Concen: 0.05 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. -0.003 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

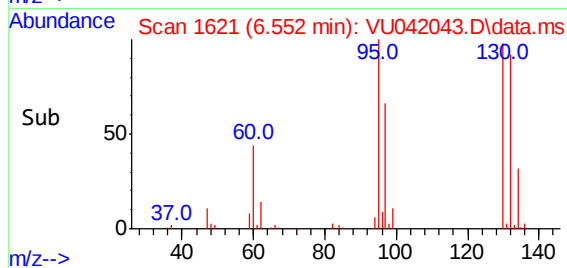
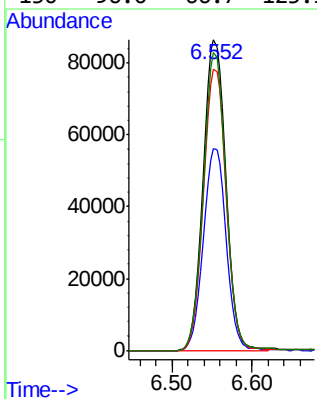
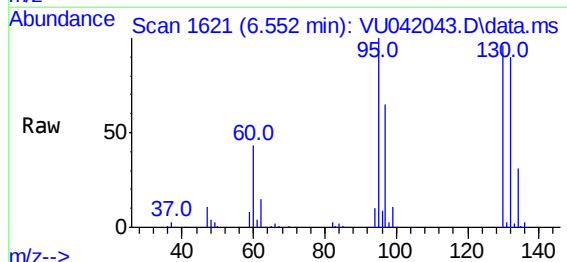
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ClientSampleId :
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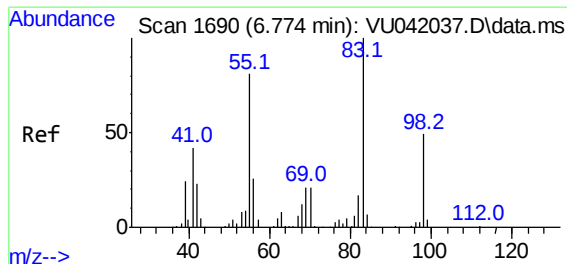
Tgt Ion:117 Resp: 757
Ion Ratio Lower Upper
117 100
119 119.3 76.6 114.8#



#34
Trichloroethene
Concen: 14.39 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

Tgt Ion: 95 Resp: 163125
Ion Ratio Lower Upper
95 100
97 64.9 43.6 81.0
132 90.3 64.3 119.3
130 96.0 66.7 123.9

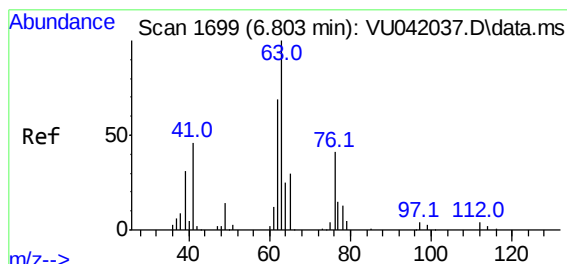
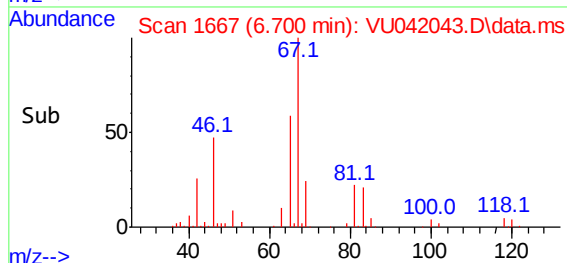
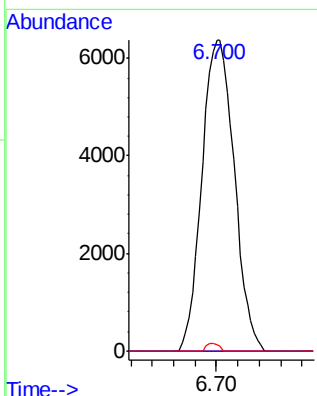
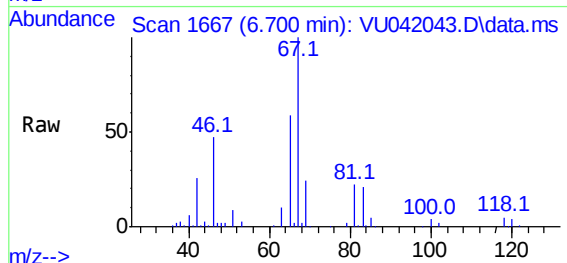




#35
Methylcyclohexane
Concen: 0.74 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

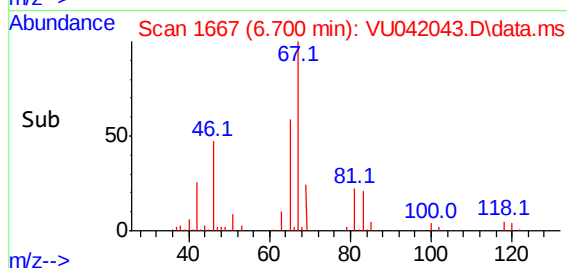
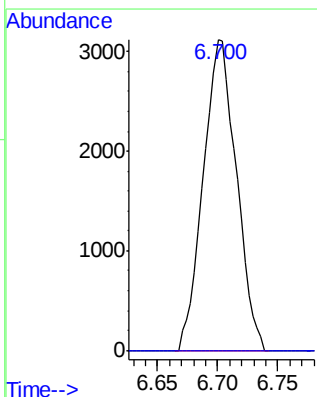
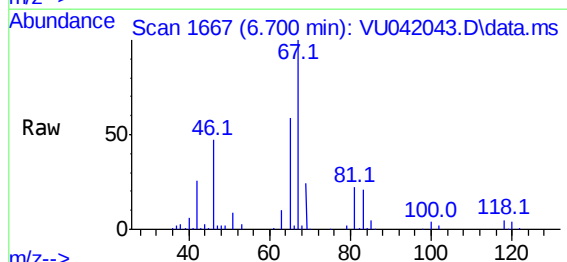
Instrument :
MSVOA_U
ClientSampleId :
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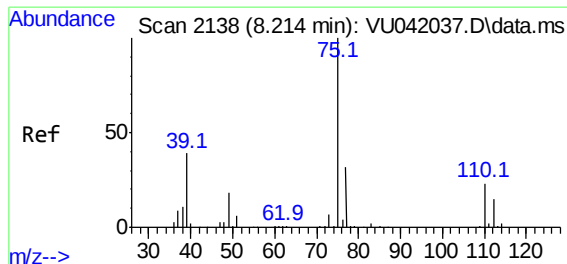
Tgt Ion: 83 Resp: 13303
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.0 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.49 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.103 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

Tgt Ion: 63 Resp: 5828
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



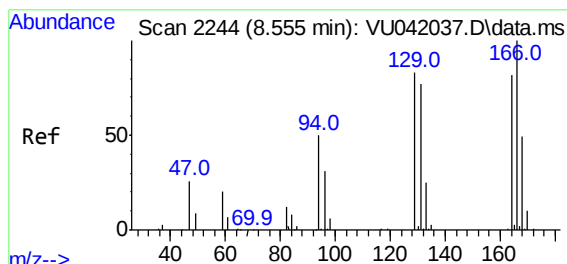
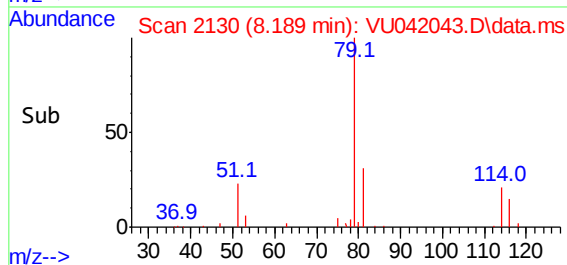
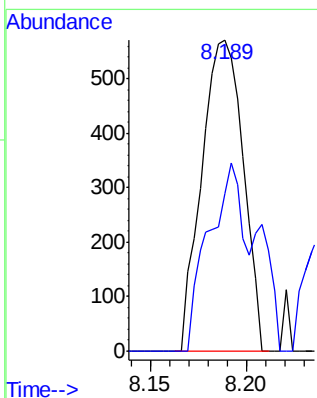
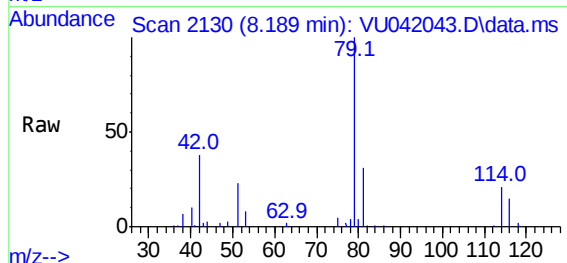


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.026 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

Instrument :
MSVOA_U
ClientSampled :
BFXP0

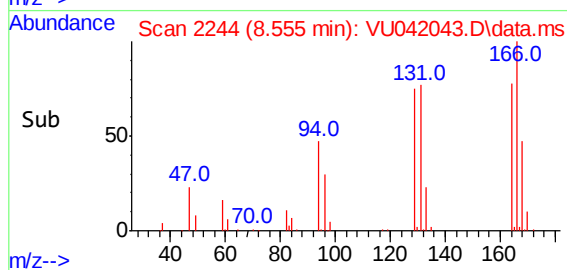
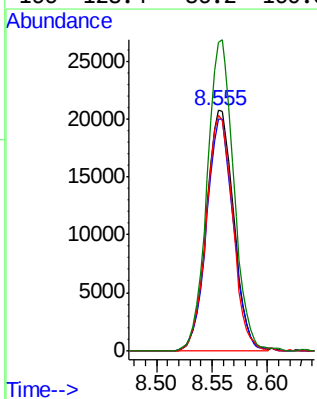
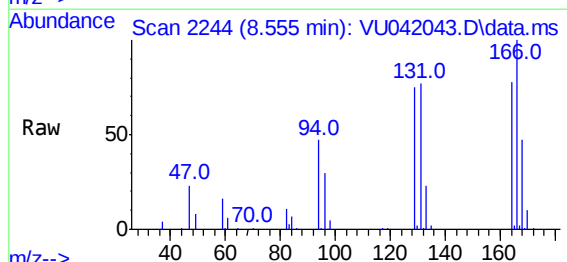
Tgt Ion: 75 Resp: 854
Ion Ratio Lower Upper
75 100
77 50.6 22.0 41.0#

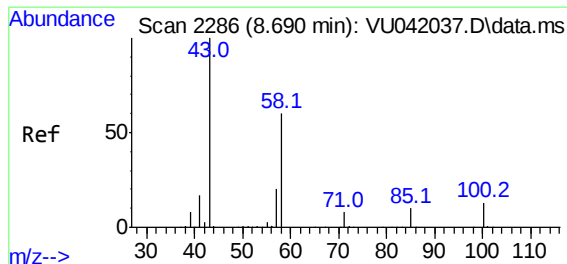


#47

Tetrachloroethene
Concen: 4.80 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

Tgt Ion:164 Resp: 35240
Ion Ratio Lower Upper
164 100
129 96.6 68.7 127.5
131 98.3 65.2 121.0
166 128.4 86.2 160.0

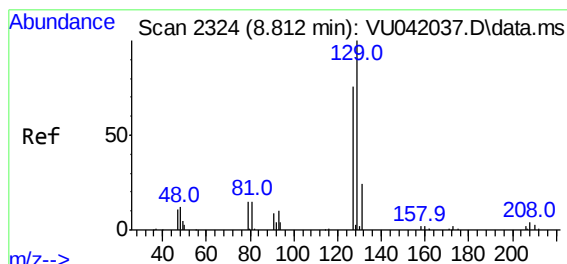
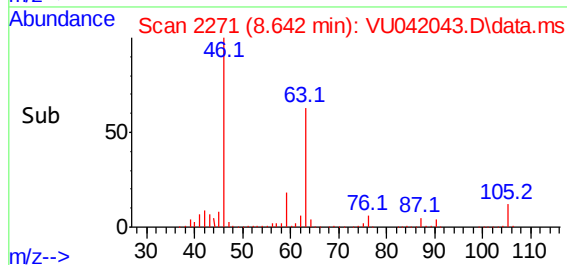
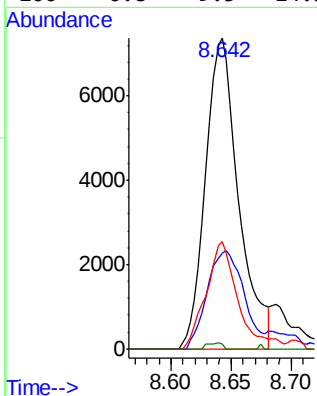
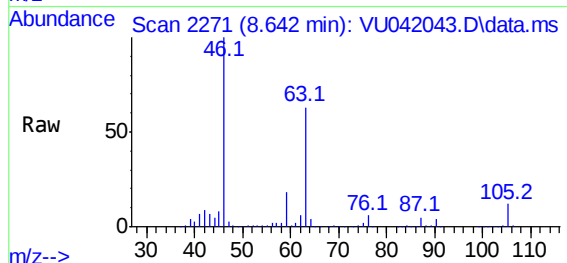




#48
2-Hexanone
Concen: 2.50 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

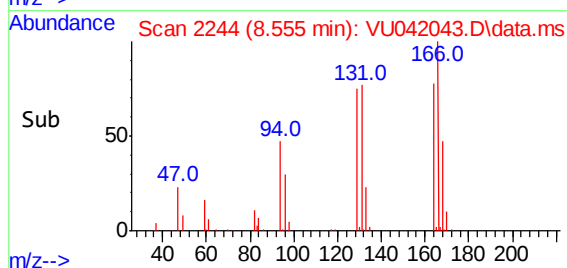
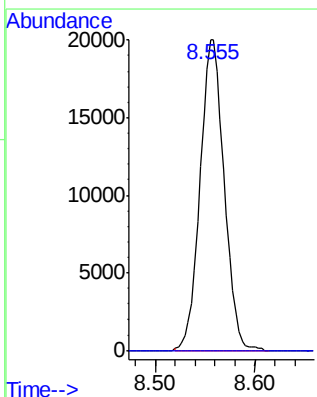
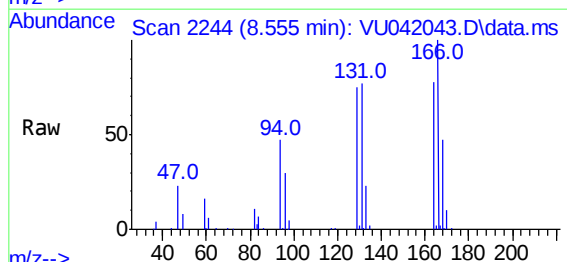
Instrument :
MSVOA_U
ClientSampleId :
BFXP0

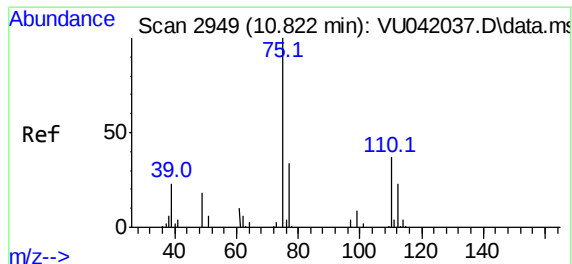
Tgt Ion: 43 Resp: 13760
Ion Ratio Lower Upper
43 100
58 35.1 47.8 71.8#
57 33.1 17.4 26.0#
100 0.8 9.5 14.3#



#49
Dibromochloromethane
Concen: 3.69 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

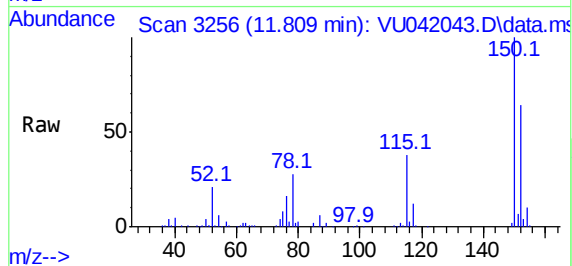
Tgt Ion: 129 Resp: 33528
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#





#59
1,2,3-Trichloropropane
Concen: 0.77 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU042043.D
Acq: 14 Jan 2021 20:00

Instrument :
MSVOA_U
ClientSampleId :
BFXP0



Tgt Ion: 75 Resp: 5981
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4

