

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042057.D
 Acq On : 15 Jan 2021 01:37
 Operator : SY/MD
 Sample : M1065-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN1

Quant Time: Jan 15 06:41:21 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	121503	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	103589	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	46299	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	35024	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.919	69	38394	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.565	63	58171	3.15	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.662	46	161610	52.52	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.04%
24) Chloroform-d	5.076	84	84583	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.713	65	51202	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.739	84	157176	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.700	67	54571	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.903	98	143981	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloroprop...	8.186	79	21683	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.649	63	125577	55.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.98%
57) 1,1,2,2-Tetrachloroeth...	10.758	84	45989	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	12.189	152	44568	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1743	0.12	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	680	0.07	ug/L #	29
12) 1,1-Dichloroethene	2.575	96	1032	0.11	ug/L #	1
13) Acetone	2.658	43	1782	0.93	ug/L	94
17) Methyl tert-butyl Ether	3.376	73	2134	0.09	ug/L #	87
22) cis-1,2-Dichloroethene	4.678	96	38071	3.77	ug/L	92
25) Chloroform	5.105	83	1957	0.10	ug/L	81
34) Trichloroethene	6.549	95	349602	36.48	ug/L	99
35) Methylcyclohexane	6.700	83	12293	0.81	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	6068	0.61	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1468	0.10	ug/L	86
44) trans-1,3-Dichloropropene	8.182	75	875	0.07	ug/L	91
45) 1,1,2-Trichloroethane	8.555	97	1768	0.25	ug/L #	1
47) Tetrachloroethene	8.555	164	202228	32.58	ug/L	96
48) 2-Hexanone	8.652	43	14795	3.19	ug/L #	71
49) Dibromochloromethane	8.555	129	203551	26.54	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5354	0.82	ug/L	99

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

Instrument :

MSVOA_U

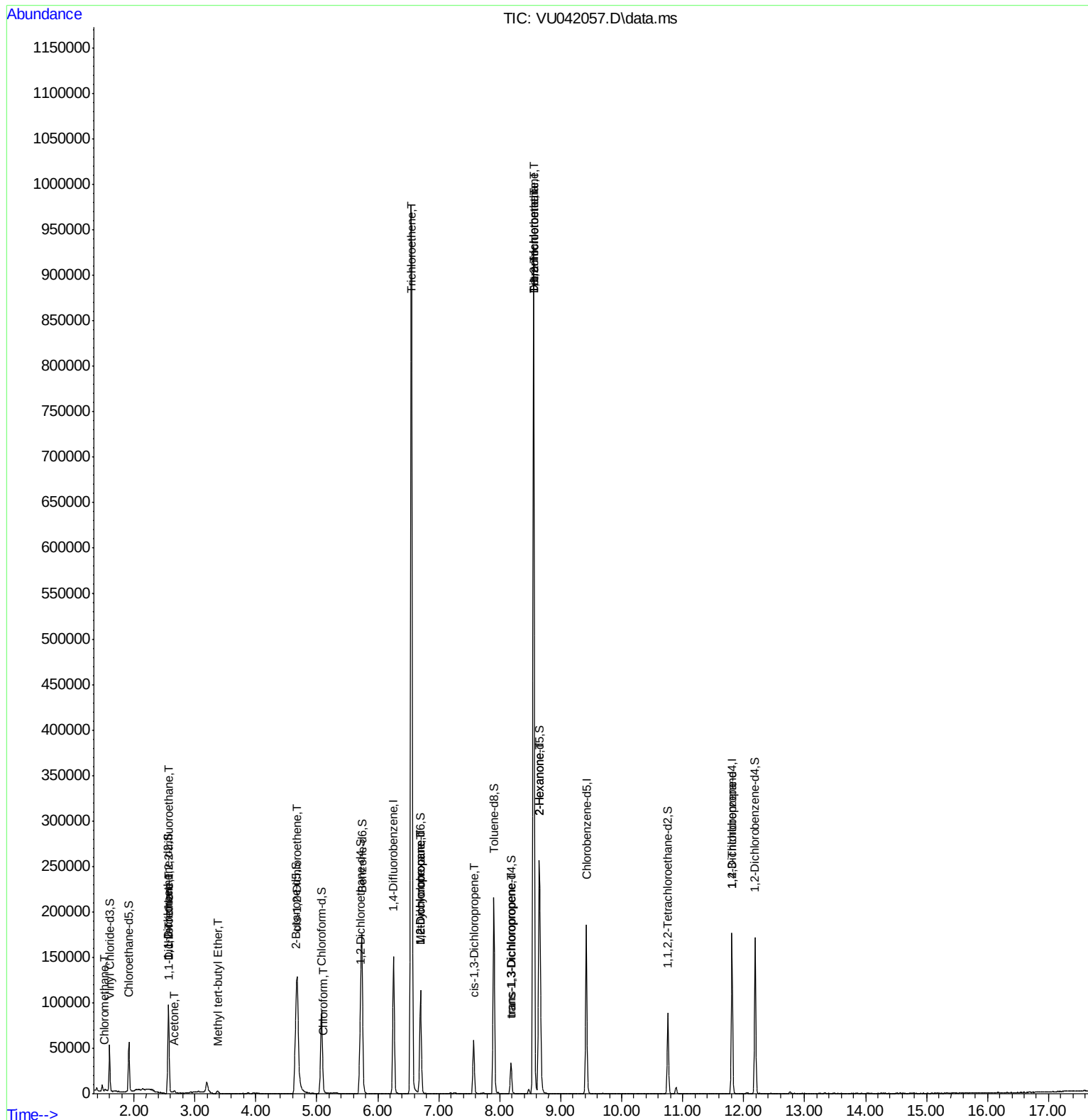
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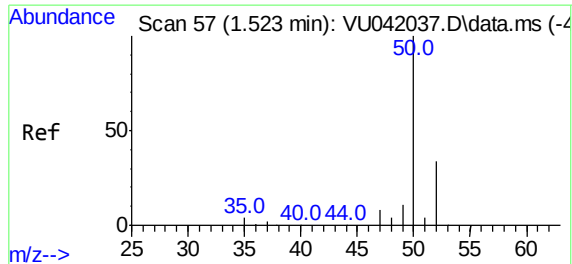
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#3

Chloromethane

Concen: 0.12 ug/L

RT: 1.520 min Scan# 56

Delta R.T. -0.003 min

Lab File: VU042057.D

Acq: 15 Jan 2021 01:37

Tgt Ion: 50 Resp: 1743

Ion Ratio Lower Upper

50 100

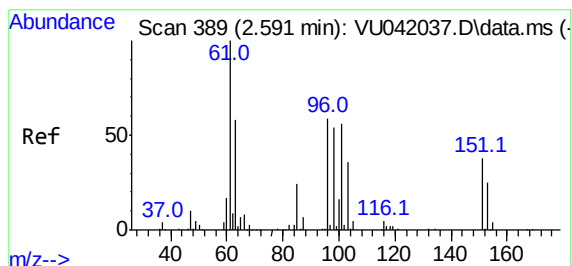
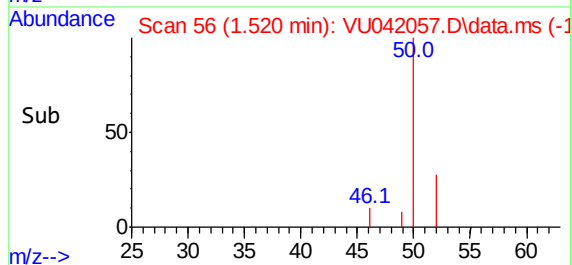
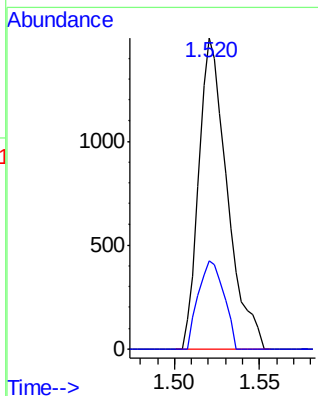
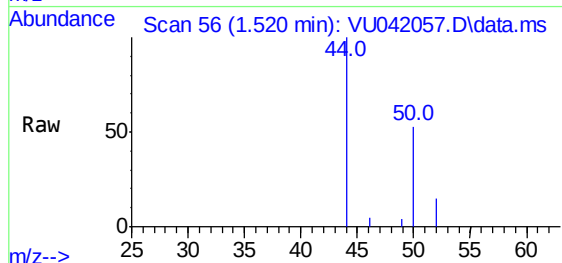
52 28.4 23.5 43.7

Instrument :

MSVOA_U

ClientSampleId :

BFXN1



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.07 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.022 min

Lab File: VU042057.D

Acq: 15 Jan 2021 01:37

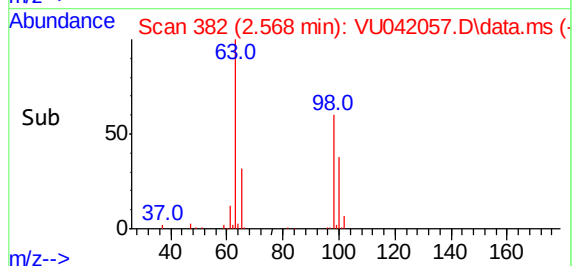
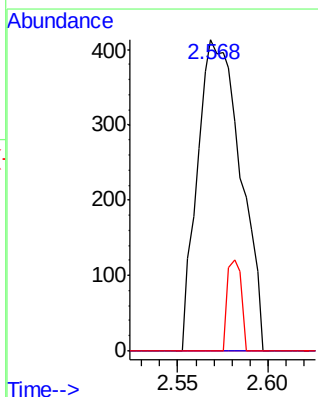
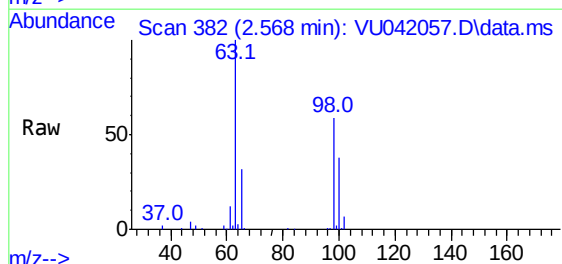
Tgt Ion:101 Resp: 680

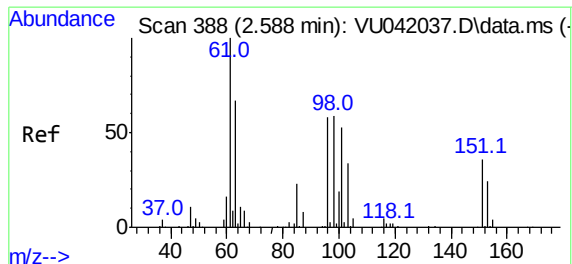
Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

151 9.6 55.4 83.2#

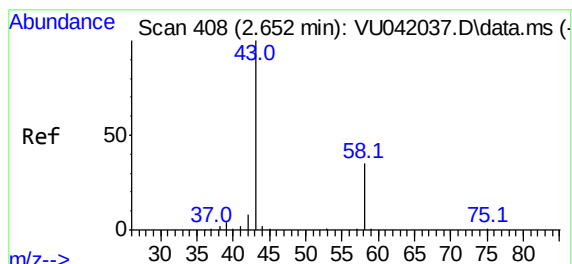
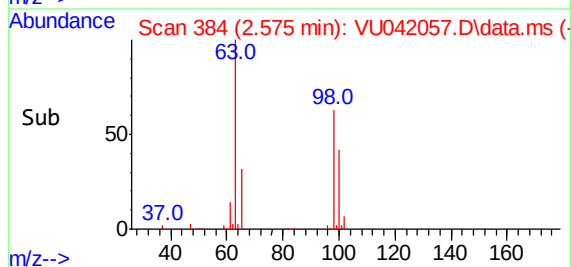
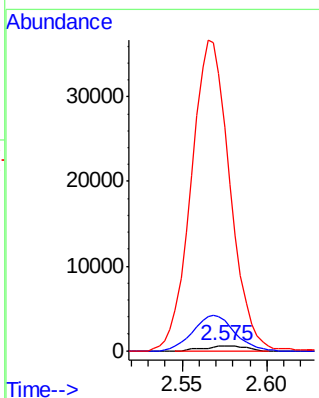
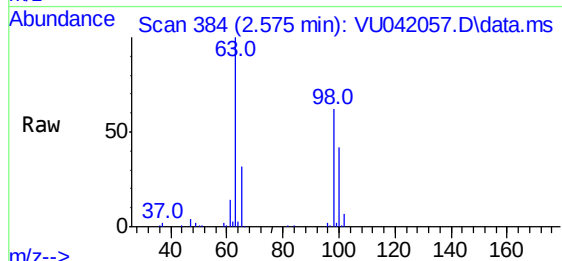




#12
1,1-Dichloroethene
Concen: 0.11 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042057.D
Acq: 15 Jan 2021 01:37

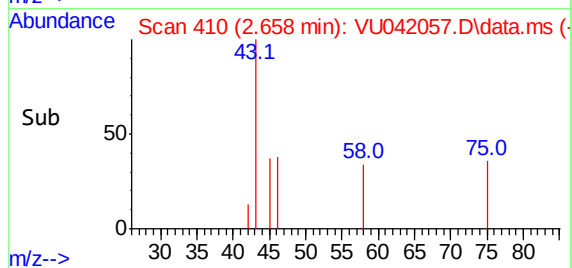
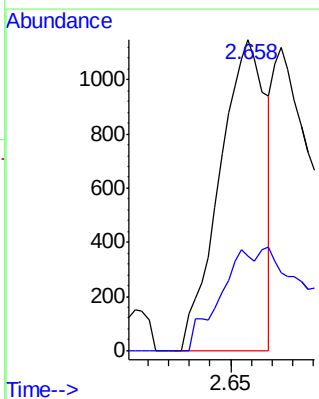
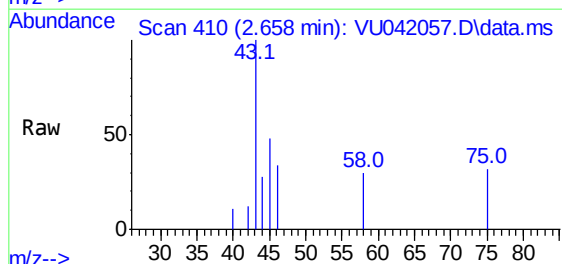
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ClientSampleId :
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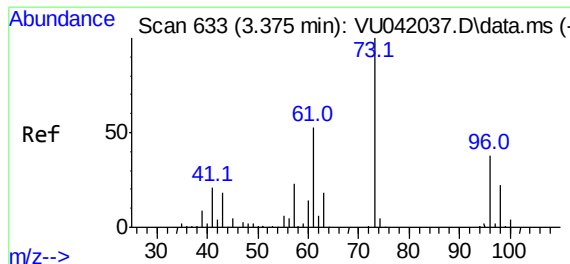
Tgt Ion: 96 Resp: 1032
Ion Ratio Lower Upper
96 100
61 578.0 122.2 226.9#
63 4239.7 82.8 153.8#



#13
Acetone
Concen: 0.93 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.007 min
Lab File: VU042057.D
Acq: 15 Jan 2021 01:37

Tgt Ion: 43 Resp: 1782
Ion Ratio Lower Upper
43 100
58 25.5 0.0 57.4

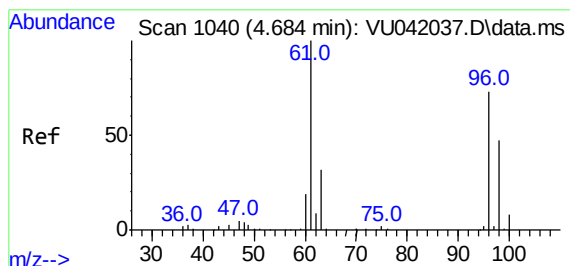
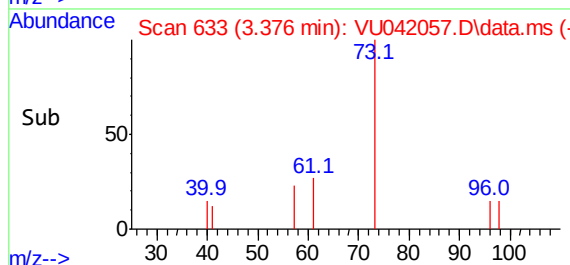
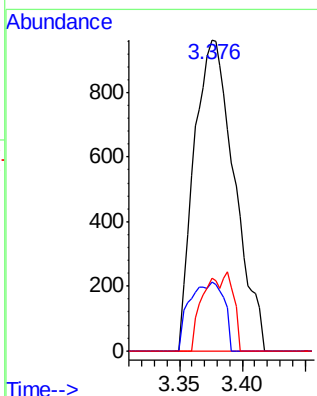
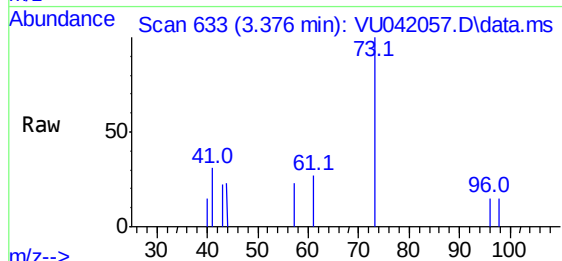




#17
Methyl tert-butyl Ether
Concen: 0.09 ug/L
RT: 3.376 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU042057.D
Acq: 15 Jan 2021 01:37

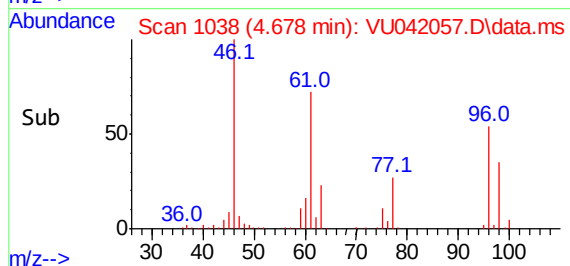
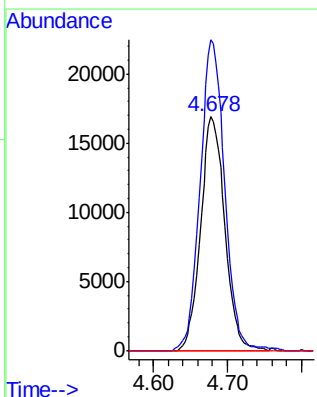
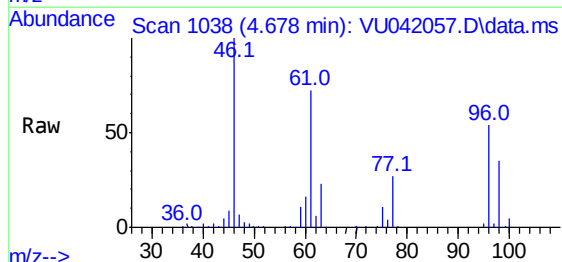
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ClientSampleId :
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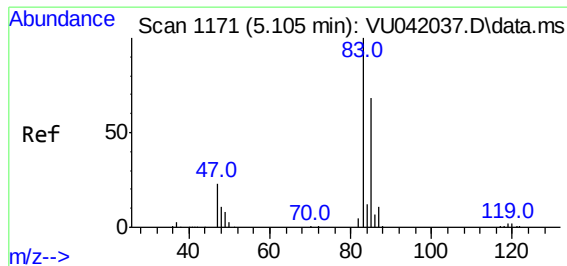
Tgt Ion: 73 Resp: 2134
Ion Ratio Lower Upper
73 100
43 19.1 15.1 22.7
57 11.3 18.0 27.0#



#22
cis-1,2-Dichloroethene
Concen: 3.77 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VU042057.D
Acq: 15 Jan 2021 01:37

Tgt Ion: 96 Resp: 38071
Ion Ratio Lower Upper
96 100
61 133.0 100.3 186.3
68 0.0 0.0 0.0

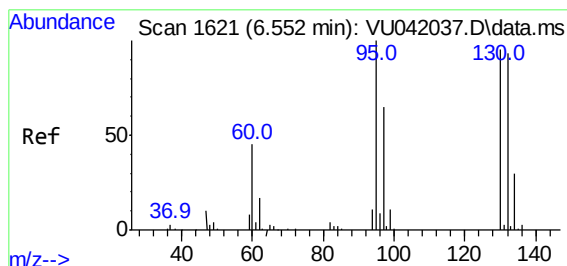
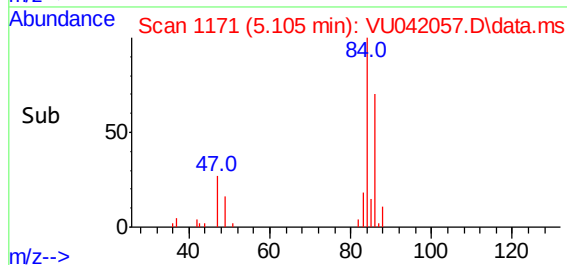
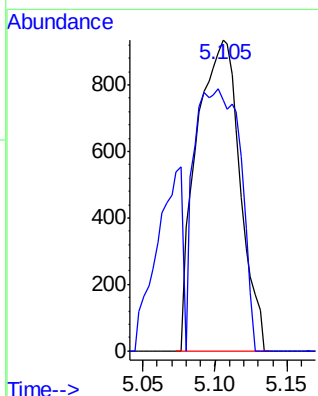
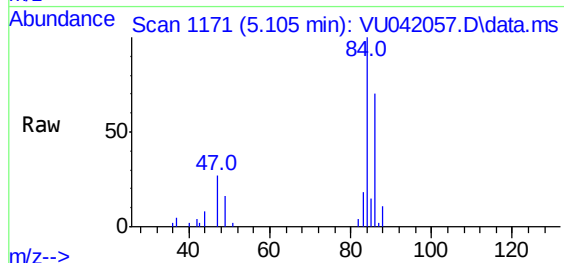




#25
Chloroform
Concen: 0.10 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VU042057.D
Acq: 15 Jan 2021 01:37

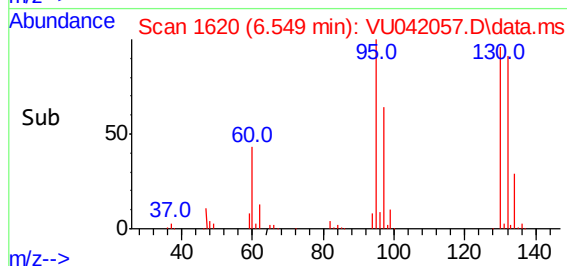
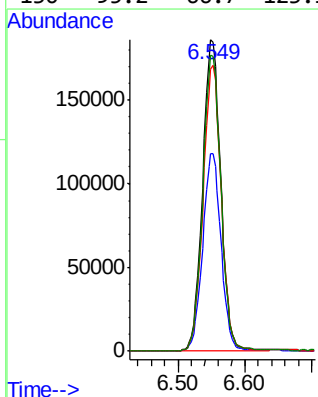
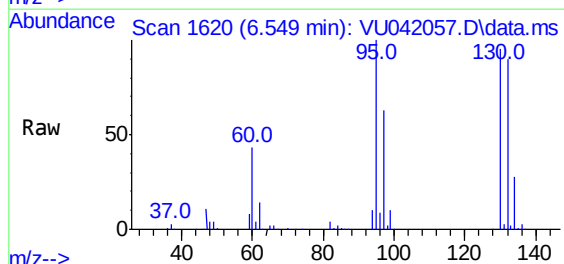
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MSVOA_U
ClientSampled :
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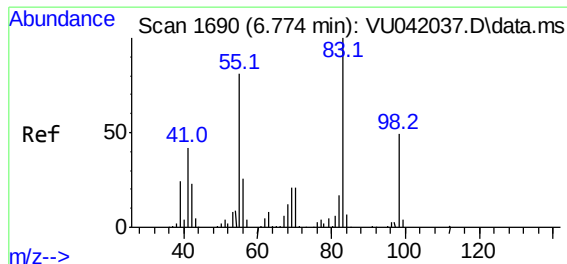
Tgt Ion: 83 Resp: 1957
Ion Ratio Lower Upper
83 100
85 80.9 46.1 85.7



#34
Trichloroethene
Concen: 36.48 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042057.D
Acq: 15 Jan 2021 01:37

Tgt Ion: 95 Resp: 349602
Ion Ratio Lower Upper
95 100
97 63.2 43.6 81.0
132 90.4 64.3 119.3
130 95.2 66.7 123.9

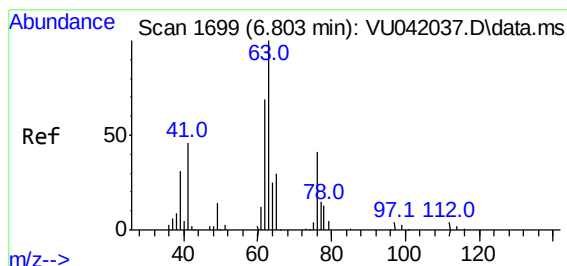
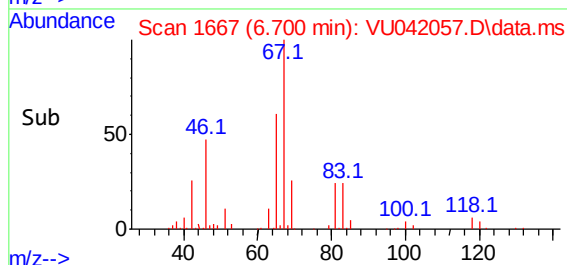
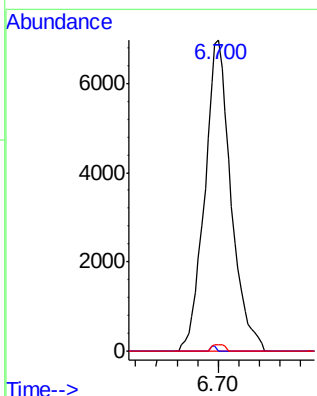
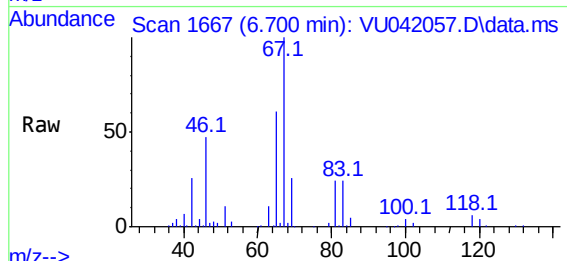




#35
Methylcyclohexane
Concen: 0.81 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042057.D
Acq: 15 Jan 2021 01:37

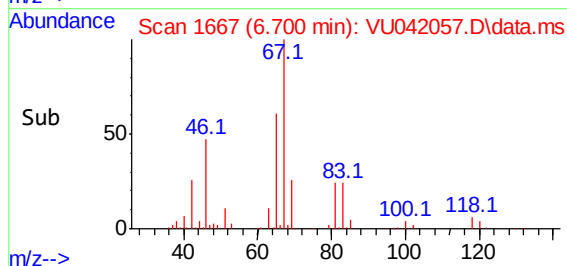
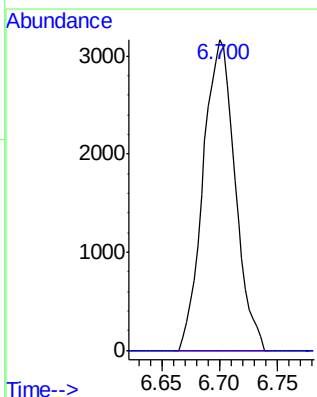
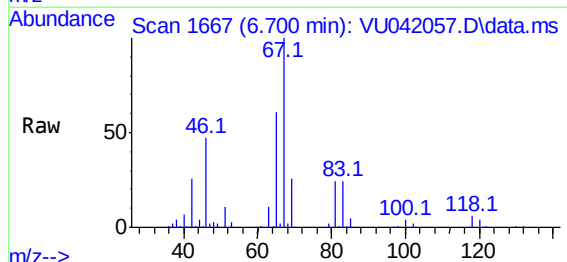
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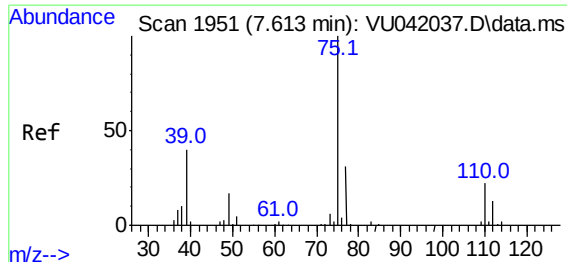
Tgt Ion: 83 Resp: 12293
Ion Ratio Lower Upper
83 100
55 0.4 66.8 100.2#
98 0.0 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.103 min
Lab File: VU042057.D
Acq: 15 Jan 2021 01:37

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

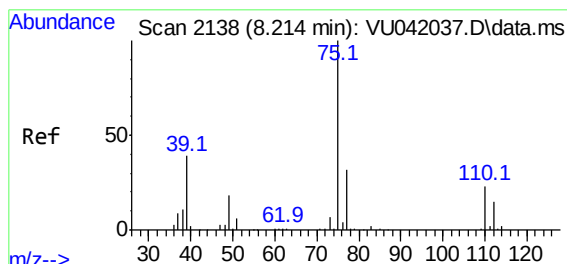
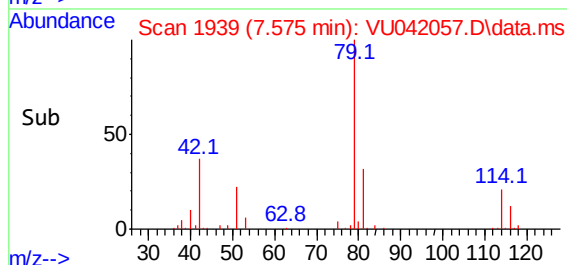
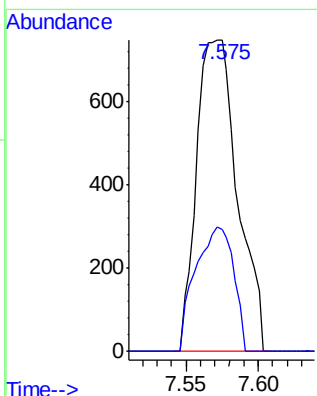
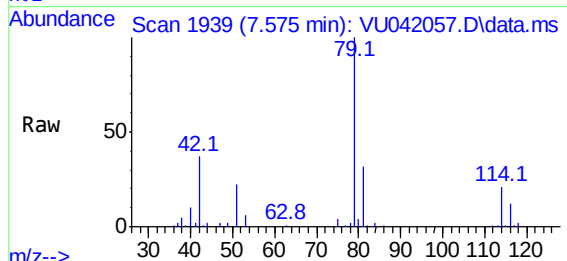




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.038 min
Lab File: VU042057.D
Acq: 15 Jan 2021 01:37

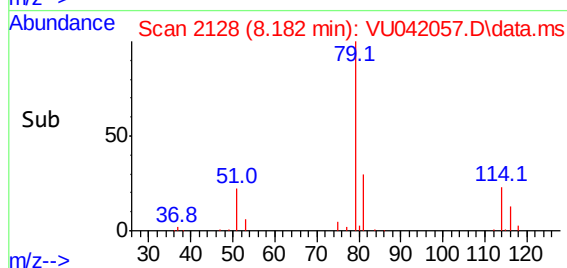
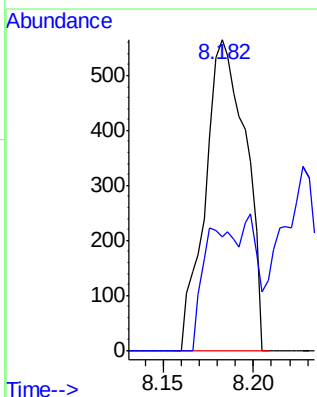
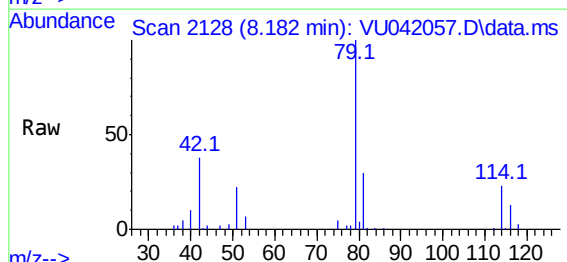
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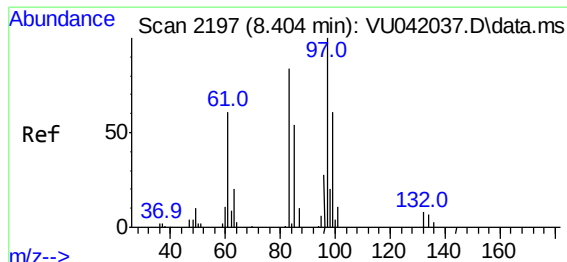
Tgt Ion: 75 Resp: 1468
Ion Ratio Lower Upper
75 100
77 39.0 21.9 40.7



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU042057.D
Acq: 15 Jan 2021 01:37

Tgt Ion: 75 Resp: 875
Ion Ratio Lower Upper
75 100
77 36.6 22.0 41.0



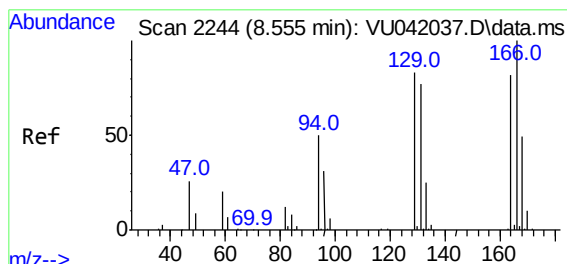
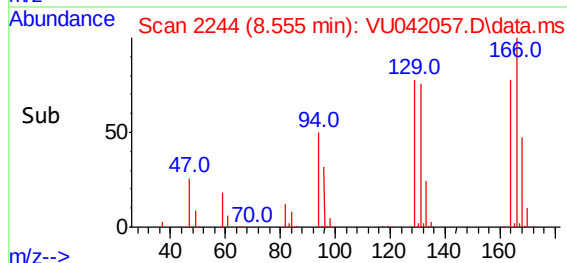
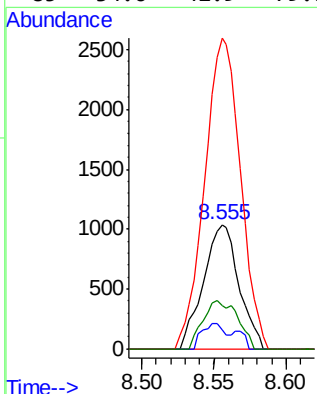
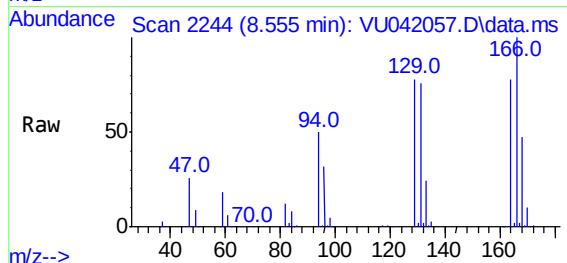


#45
1,1,2-Trichloroethane
Concen: 0.25 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.151 min
Lab File: VU042057.D
Acq: 15 Jan 2021 01:37

Instrument :
MSVOA_U
ClientSampled :
BFXN1

Tgt Ion: 97 Resp: 1768

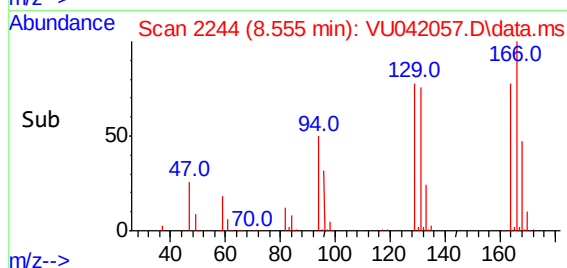
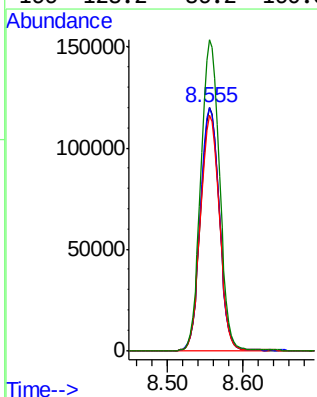
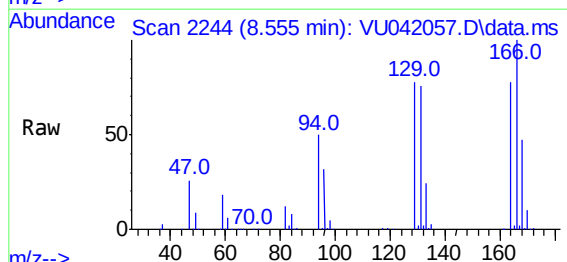
Ion	Ratio	Lower	Upper
97	100		
99	15.4	44.7	83.1#
83	250.0	61.6	114.4#
85	34.6	42.9	79.7#

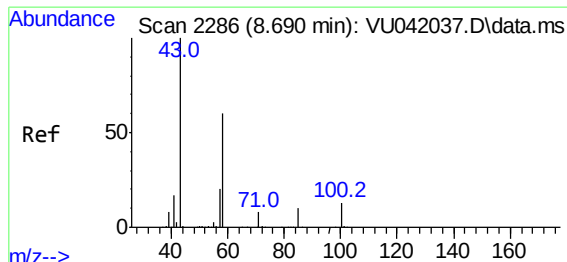


#47
Tetrachloroethene
Concen: 32.58 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042057.D
Acq: 15 Jan 2021 01:37

Tgt Ion: 164 Resp: 202228

Ion	Ratio	Lower	Upper
164	100		
129	100.0	68.7	127.5
131	96.8	65.2	121.0
166	128.2	86.2	160.0

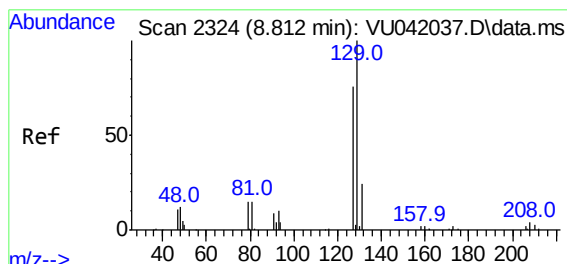
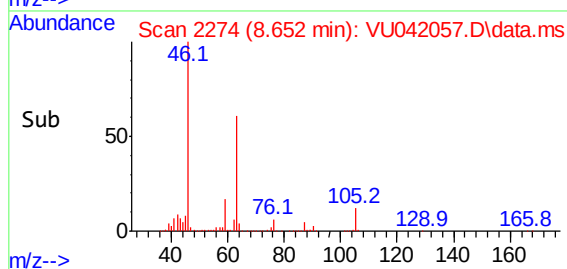
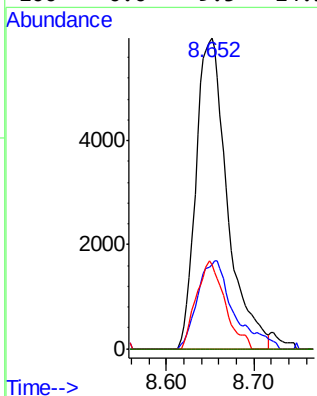
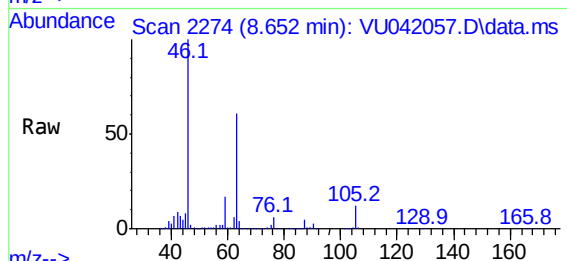




#48
2-Hexanone
Concen: 3.19 ug/L
RT: 8.652 min Scan# 2274
Delta R.T. -0.038 min
Lab File: VU042057.D
Acq: 15 Jan 2021 01:37

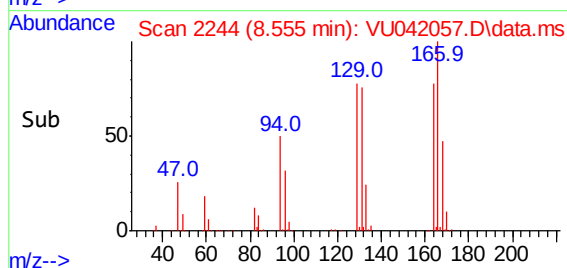
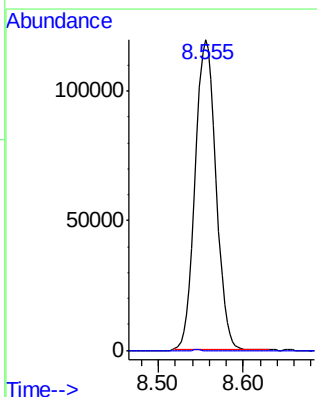
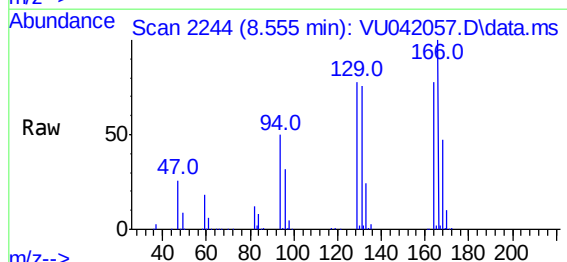
Instrument :
MSVOA_U
ClientSampleId :
BFXN1

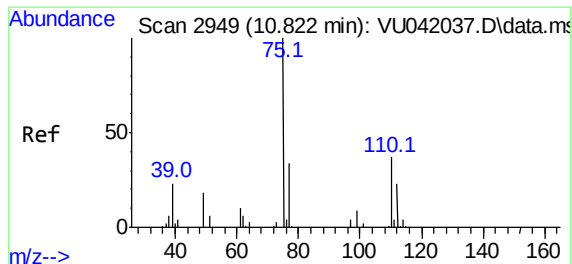
Tgt Ion: 43 Resp: 14795
Ion Ratio Lower Upper
43 100
58 32.7 47.8 71.8#
57 25.8 17.4 26.0
100 0.0 9.5 14.3#



#49
Dibromochloromethane
Concen: 26.54 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU042057.D
Acq: 15 Jan 2021 01:37

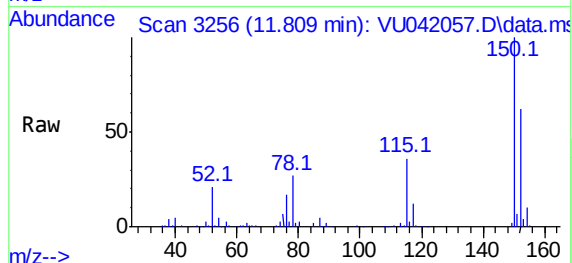
Tgt Ion: 129 Resp: 203551
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.82 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.987 min
 Lab File: VU042057.D
 Acq: 15 Jan 2021 01:37

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN1



Tgt Ion: 75 Resp: 5354
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.6 38.4

