

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042041.D
 Acq On : 14 Jan 2021 19:12
 Operator : SY/MD
 Sample : M1065-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN3

Quant Time: Jan 15 06:34:27 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)

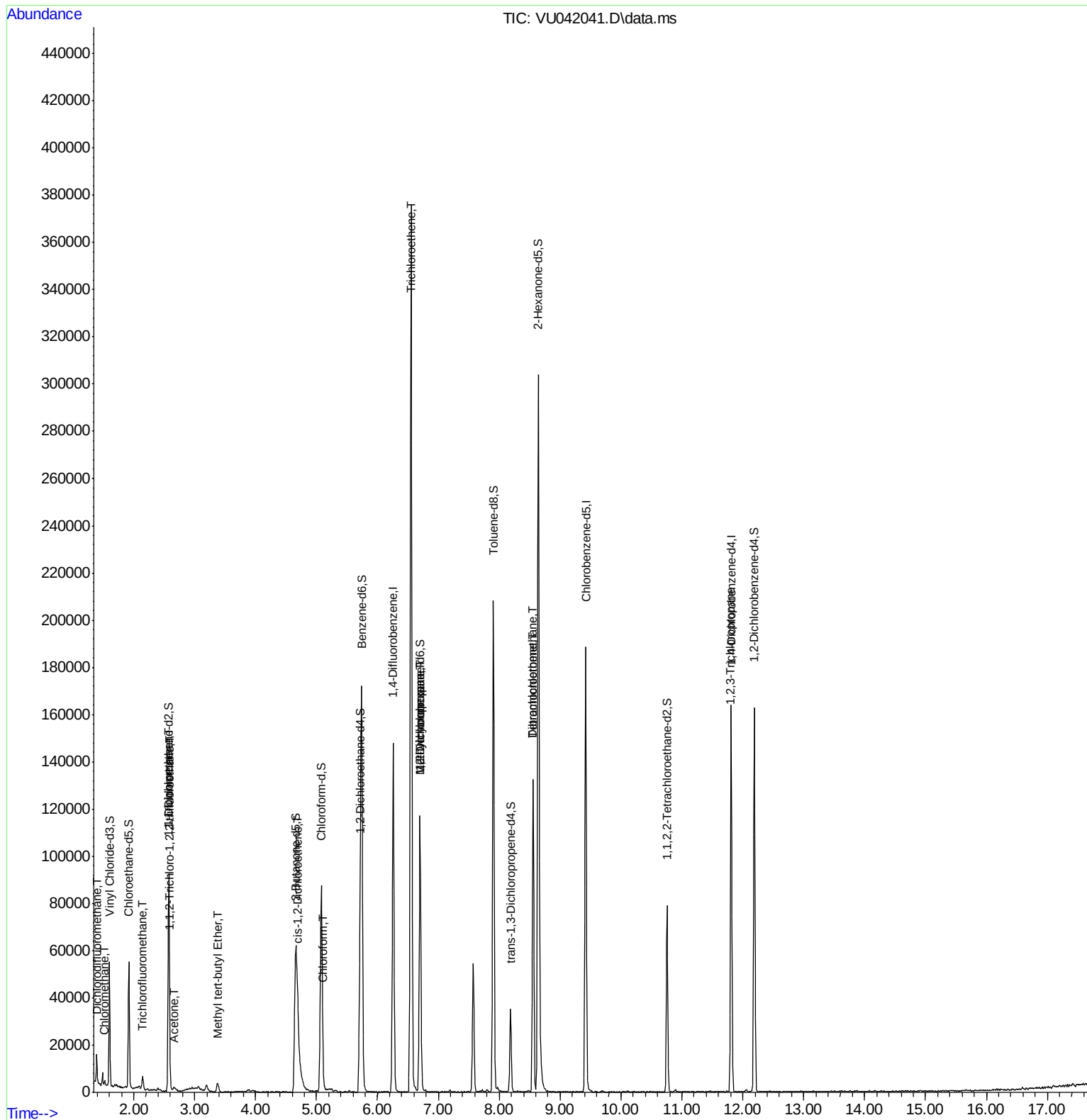
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	120399	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	107459	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.806	152	43808	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34255	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.919	69	37857	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.575	63	55964	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.662	46	142617	46.78	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.56%
24) Chloroform-d	5.080	84	82656	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.716	65	47642	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.742	84	159648	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.700	67	58265	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.903	98	137953	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloroprop...	8.186	79	21252	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.642	63	119890	51.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.14%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	40024	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.189	152	42106	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	500	0.05	ug/L	90
3) Chloromethane	1.520	50	1524	0.11	ug/L	89
9) Trichlorofluoromethane	2.144	101	3487	0.19	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	936	0.10	ug/L #	25
12) 1,1-Dichloroethene	2.578	96	690	0.07	ug/L #	1
13) Acetone	2.665	43	2735	1.44	ug/L	100
17) Methyl tert-butyl Ether	3.379	73	3962	0.16	ug/L #	86
22) cis-1,2-Dichloroethene	4.691	96	3458	0.35	ug/L	83
25) Chloroform	5.102	83	3177	0.17	ug/L	79
34) Trichloroethene	6.552	95	132613	13.34	ug/L	98
35) Methylcyclohexane	6.703	83	13168	0.83	ug/L #	17
37) 1,2-Dichloropropane	6.703	63	6252	0.61	ug/L #	90
47) Tetrachloroethene	8.555	164	28937	4.49	ug/L	96
49) Dibromochloromethane	8.555	129	28263	3.55	ug/L #	11
59) 1,2,3-Trichloropropane	11.803	75	5693	0.84	ug/L	95

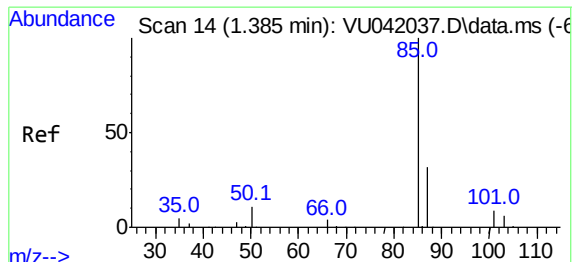
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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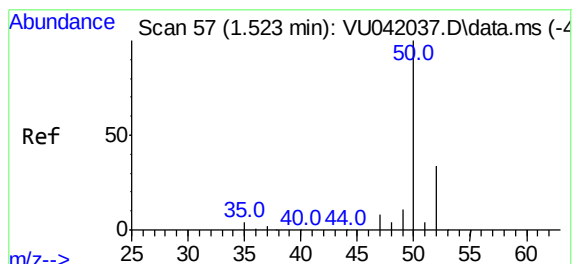
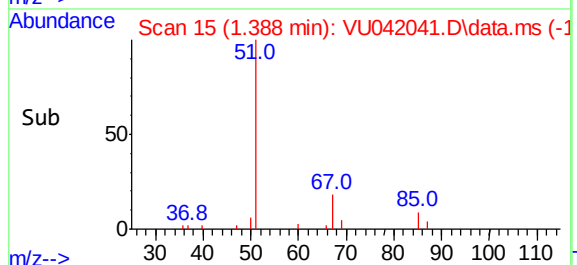
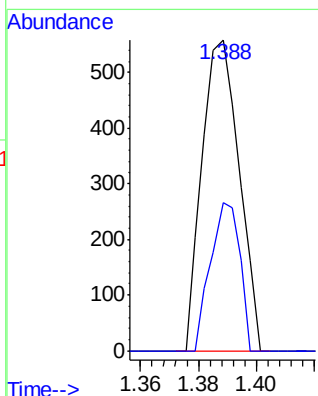
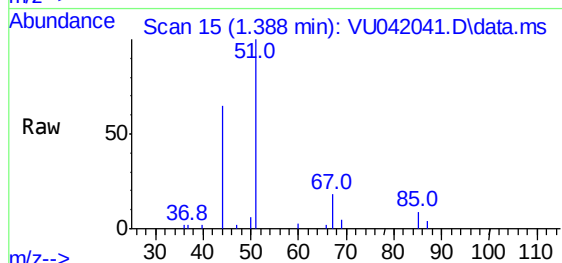




#2
Dichlorodifluoromethane
Concen: 0.05 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

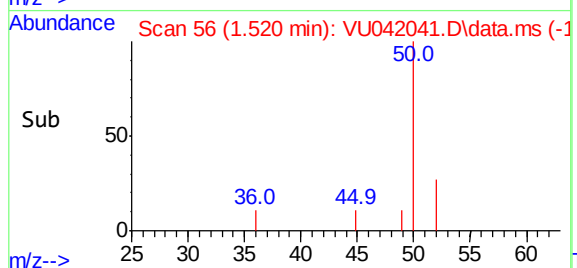
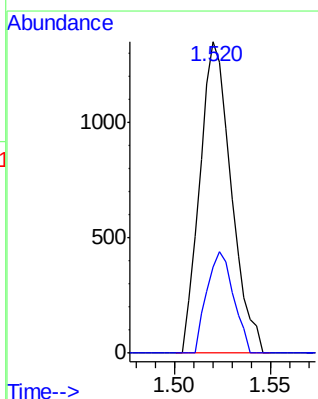
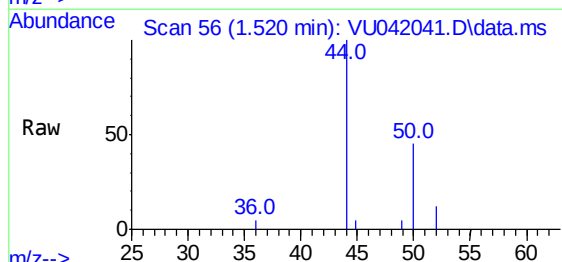
Instrument :
MSVOA_U
ClientSampled :
BFXN3

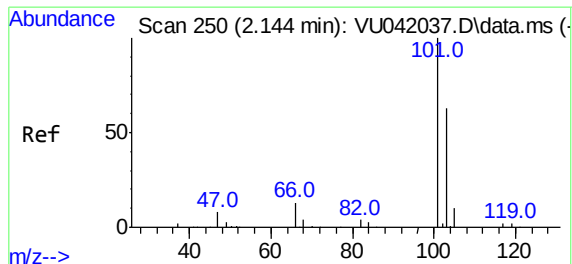
Tgt Ion: 85 Resp: 500
Ion Ratio Lower Upper
85 100
87 37.6 25.7 38.5



#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

Tgt Ion: 50 Resp: 1524
Ion Ratio Lower Upper
50 100
52 27.4 23.5 43.7

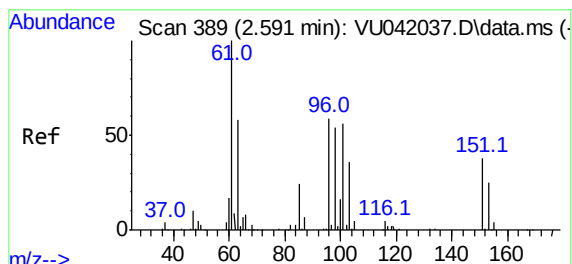
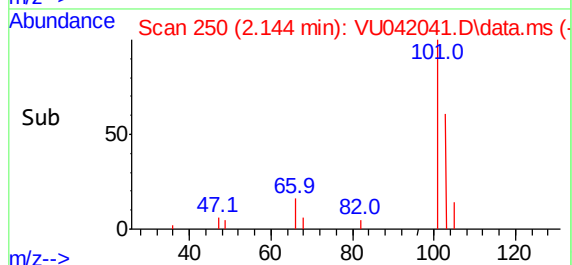
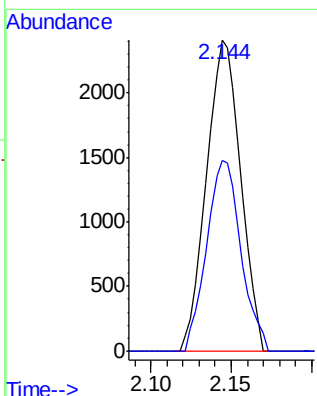
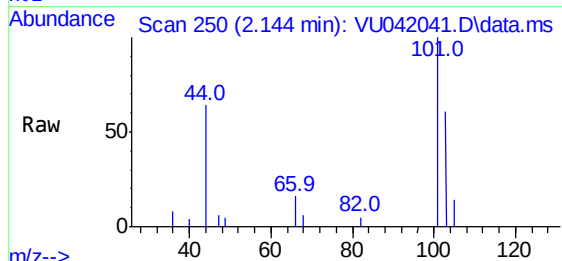




#9
Trichlorofluoromethane
Concen: 0.19 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

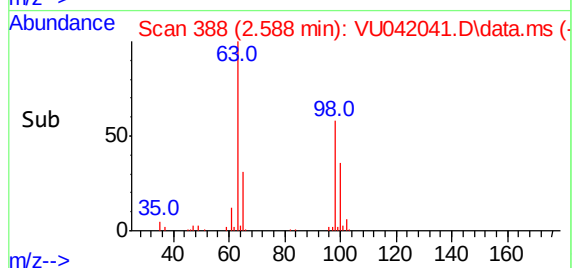
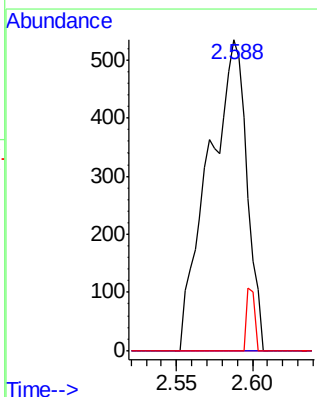
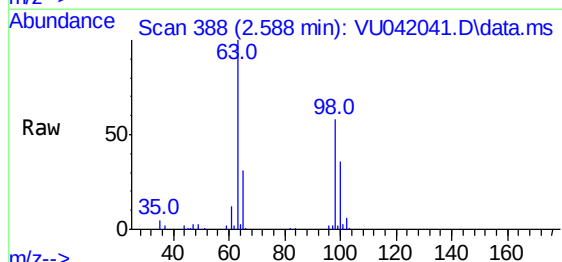
Instrument :
MSVOA_U
ClientSampleId :
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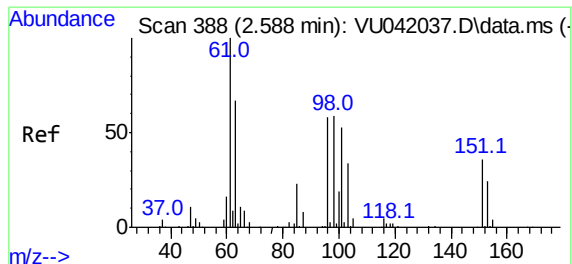
Tgt Ion:101 Resp: 3487
Ion Ratio Lower Upper
101 100
103 61.4 51.6 77.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.10 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

Tgt Ion:101 Resp: 936
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 4.3 55.4 83.2#

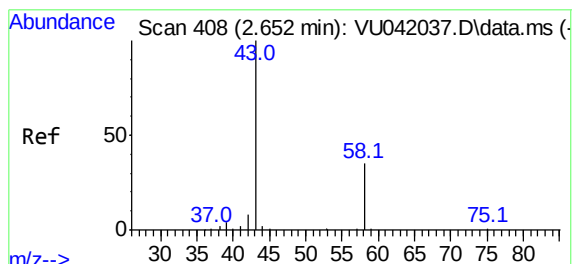
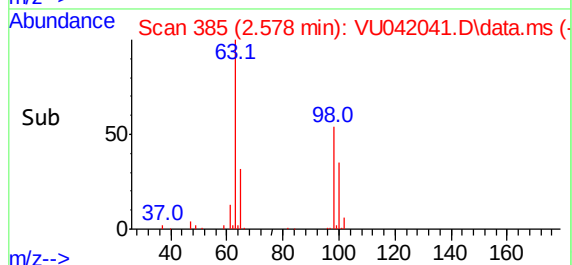
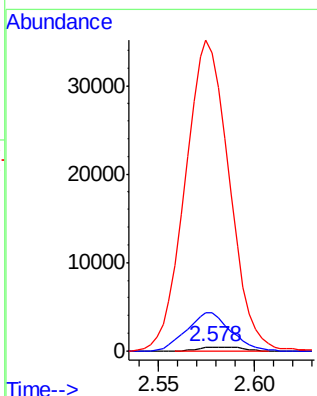
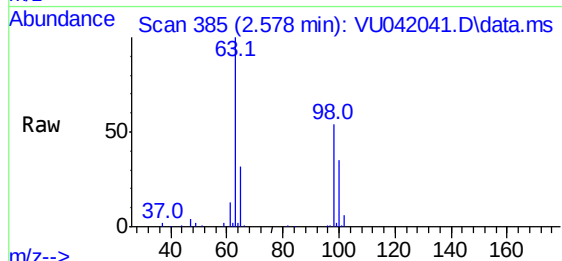




#12
1,1-Dichloroethene
Concen: 0.07 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.009 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

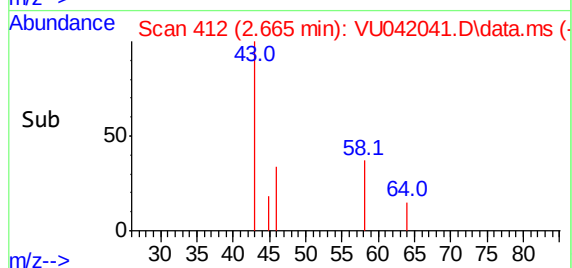
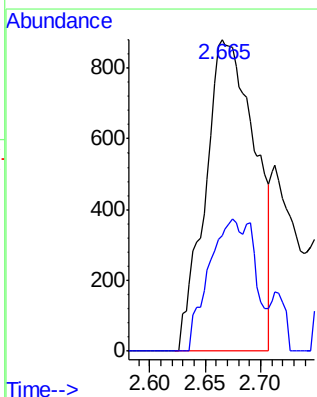
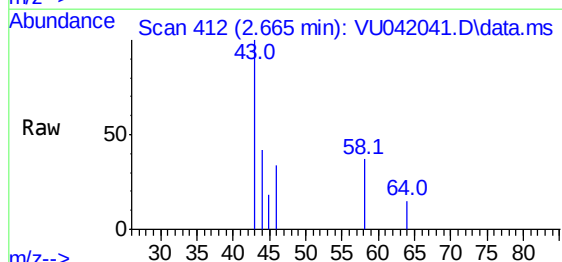
Instrument :
MSVOA_U
ClientSampleId :
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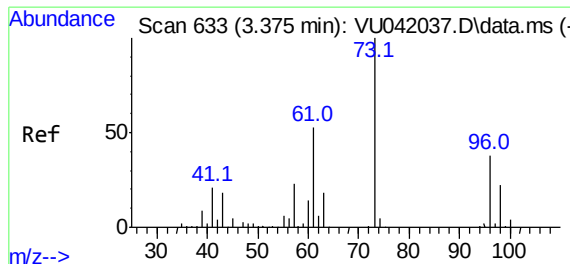
Tgt Ion: 96 Resp: 690
Ion Ratio Lower Upper
96 100
61 904.5 122.2 226.9#
63 7189.8 82.8 153.8#



#13
Acetone
Concen: 1.44 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.013 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

Tgt Ion: 43 Resp: 2735
Ion Ratio Lower Upper
43 100
58 28.4 0.0 57.4

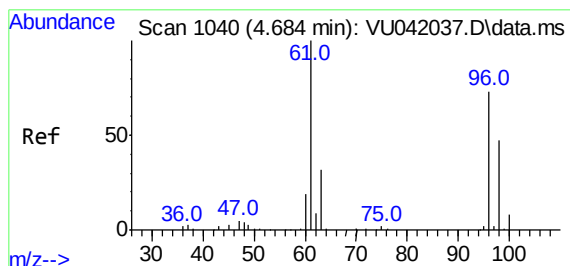
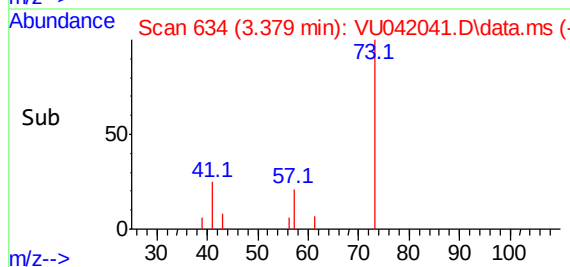
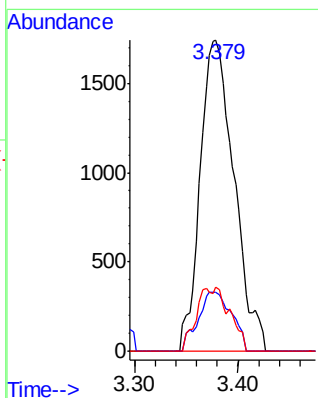
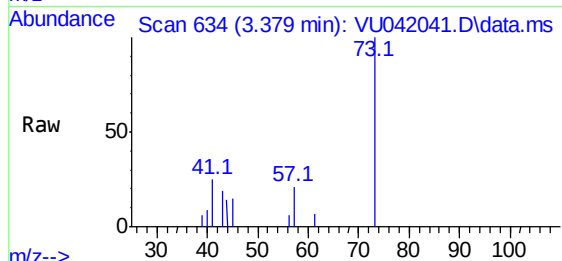




#17
Methyl tert-butyl Ether
Concen: 0.16 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.003 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

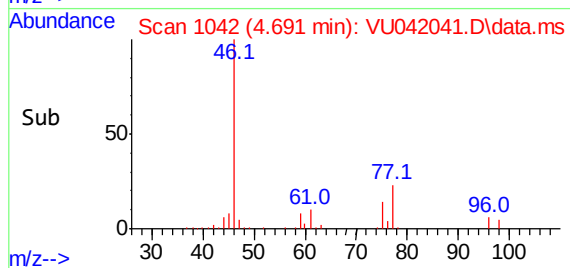
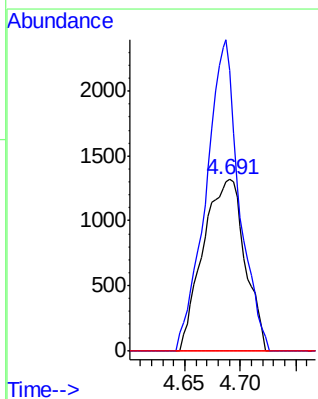
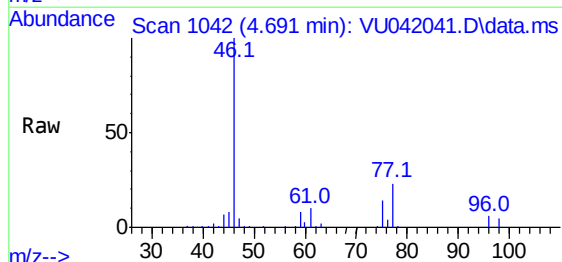
Instrument :
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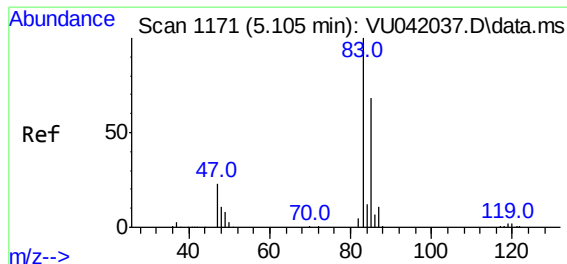
Tgt Ion: 73 Resp: 3962
Ion Ratio Lower Upper
73 100
43 18.8 15.1 22.7
57 10.3 18.0 27.0#



#22
cis-1,2-Dichloroethene
Concen: 0.35 ug/L
RT: 4.691 min Scan# 1042
Delta R.T. 0.007 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

Tgt Ion: 96 Resp: 3458
Ion Ratio Lower Upper
96 100
61 163.8 100.3 186.3
68 0.0 0.0 0.0

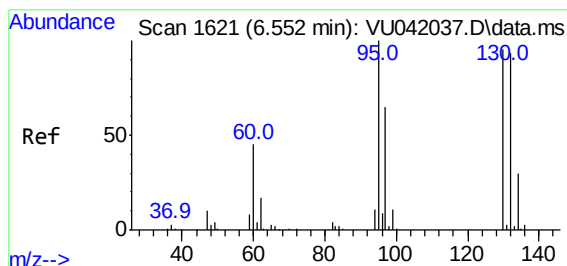
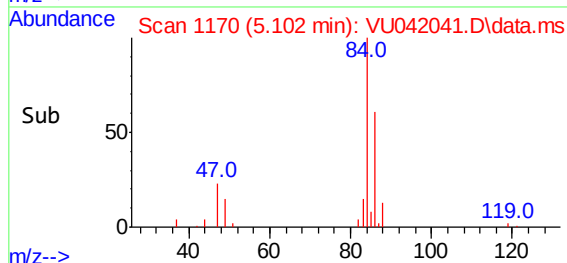
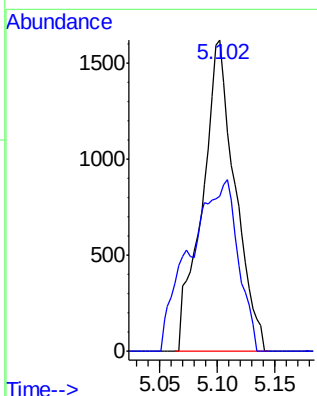
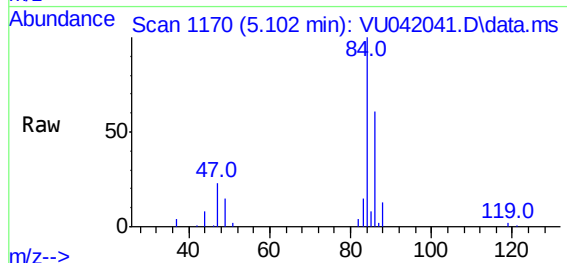




#25
Chloroform
Concen: 0.17 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

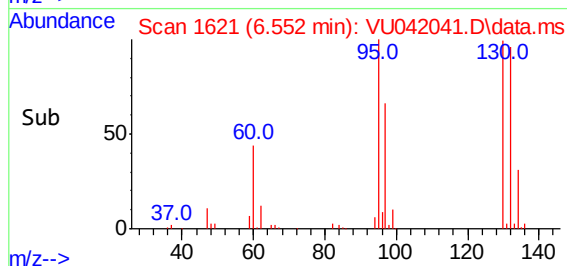
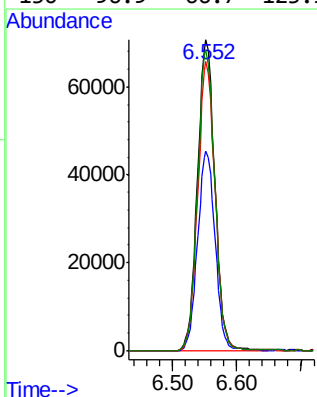
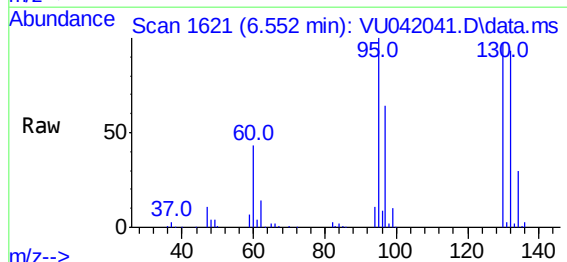
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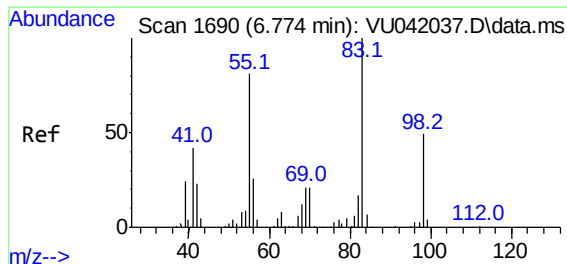
Tgt Ion: 83 Resp: 3177
Ion Ratio Lower Upper
83 100
85 49.6 46.1 85.7



#34
Trichloroethene
Concen: 13.34 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

Tgt Ion: 95 Resp: 132613
Ion Ratio Lower Upper
95 100
97 64.2 43.6 81.0
132 93.2 64.3 119.3
130 96.9 66.7 123.9

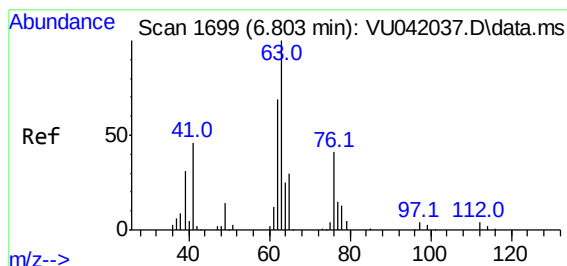
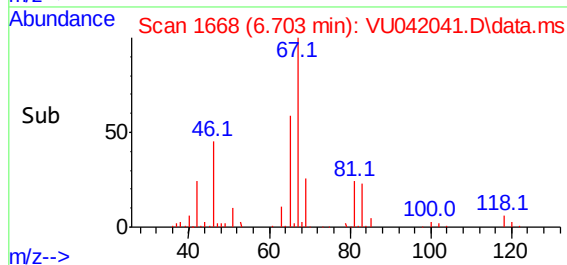
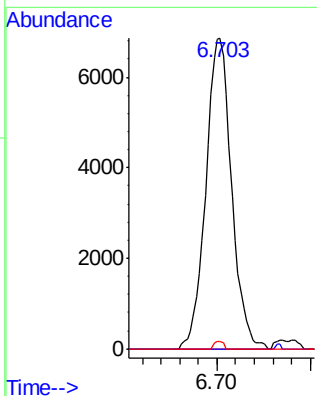
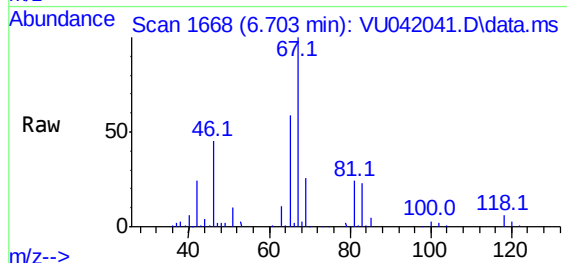




#35
Methylcyclohexane
Concen: 0.83 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.071 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

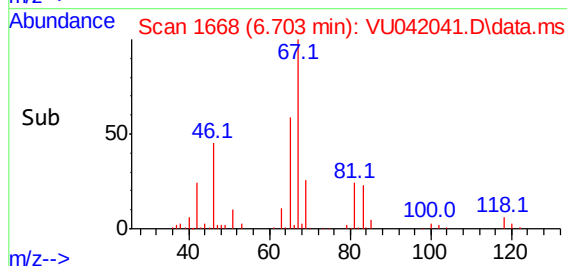
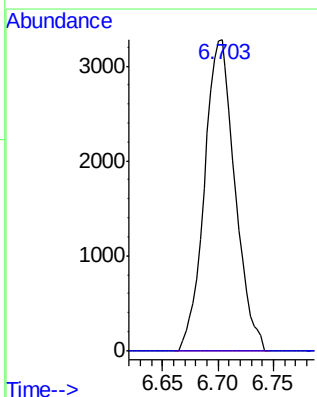
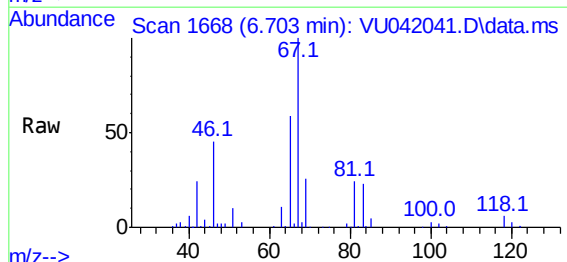
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ClientSampleId :
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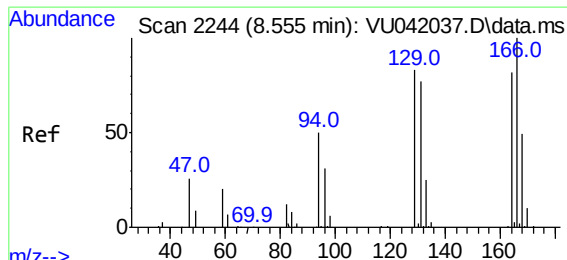
Tgt Ion: 83 Resp: 13168
Ion Ratio Lower Upper
83 100
55 0.3 66.8 100.2#
98 0.8 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.100 min
Lab File: VU042041.D
Acq: 14 Jan 2021 19:12

Tgt Ion: 63 Resp: 6252
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





#47

Tetrachloroethene

Concen: 4.49 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU042041.D

Acq: 14 Jan 2021 19:12

Instrument :

MSVOA_U

ClientSampled :

BFXN3

Tgt Ion:164 Resp: 28937

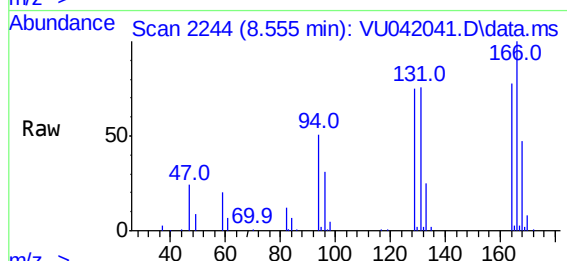
Ion Ratio Lower Upper

164 100

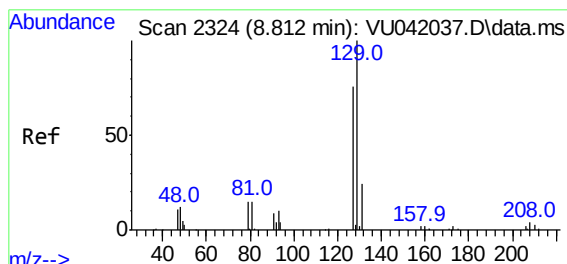
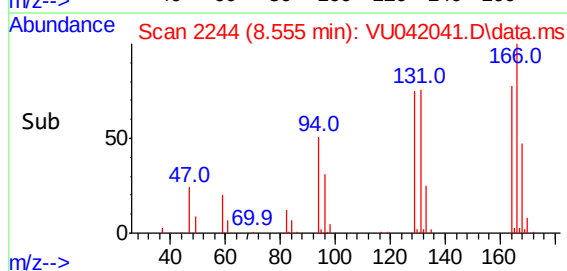
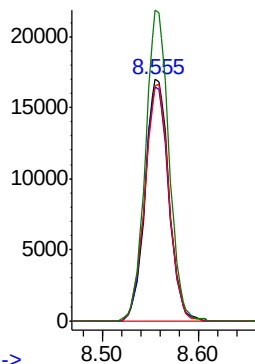
129 96.7 68.7 127.5

131 97.6 65.2 121.0

166 128.7 86.2 160.0



Abundance



#49

Dibromochloromethane

Concen: 3.55 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU042041.D

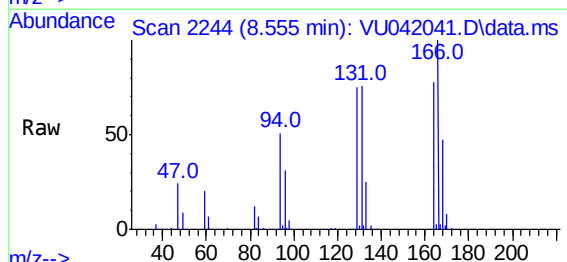
Acq: 14 Jan 2021 19:12

Tgt Ion:129 Resp: 28263

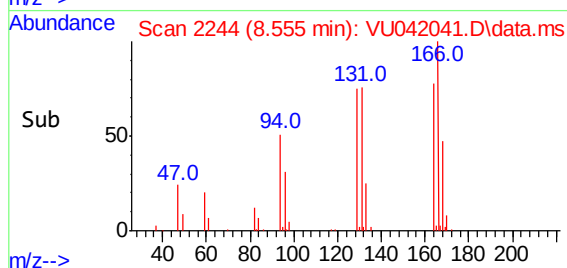
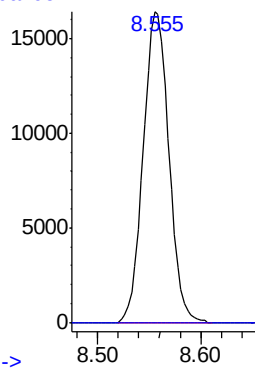
Ion Ratio Lower Upper

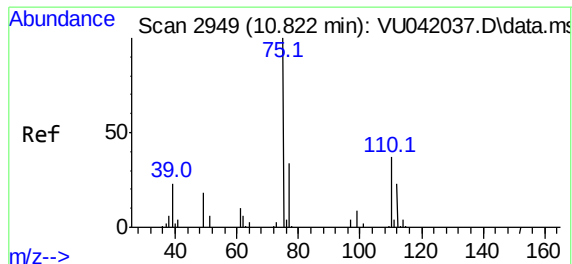
129 100

127 0.0 53.7 99.7#



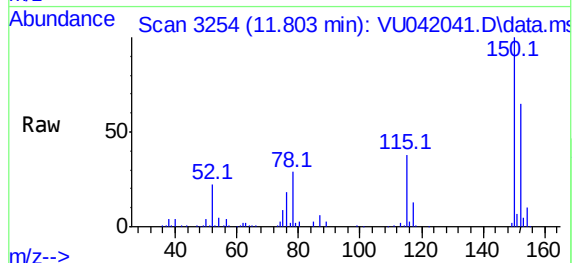
Abundance





#59
 1,2,3-Trichloropropane
 Concen: 0.84 ug/L
 RT: 11.803 min Scan# 3254
 Delta R.T. 0.981 min
 Lab File: VU042041.D
 Acq: 14 Jan 2021 19:12

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN3



Tgt Ion: 75 Resp: 5693
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.6 38.4

