

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042071.D
 Acq On : 15 Jan 2021 14:25
 Operator : SY/MD
 Sample : M1065-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXN1DL

Quant Time: Jan 16 01:10:23 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)

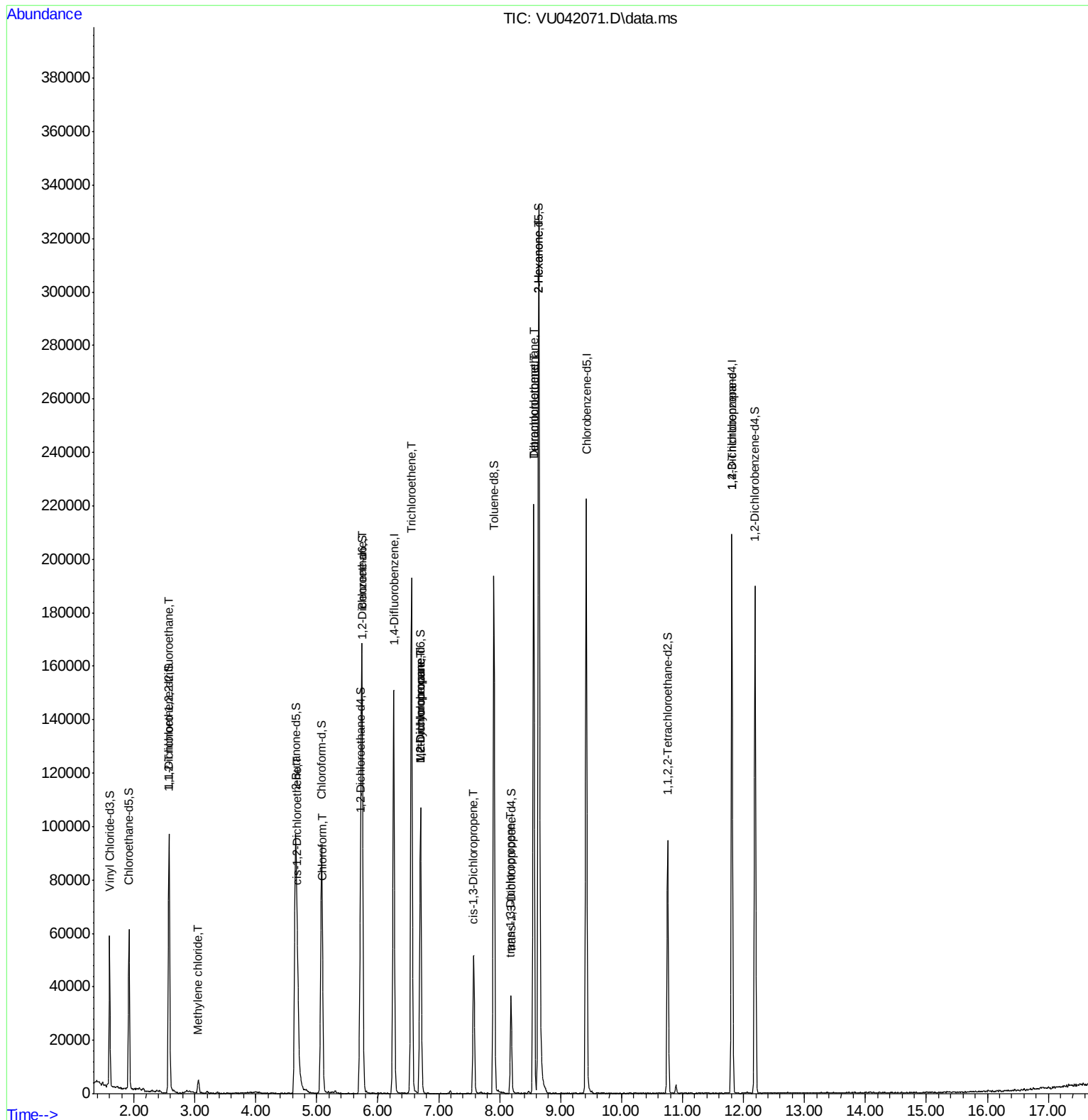
Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	122656	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	124434	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	57144	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	37069	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.919	69	42382	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.578	63	58115	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.652	46	184037	59.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.50%
24) Chloroform-d	5.079	84	87139	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.716	65	49641	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.742	84	153623	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
36) 1,2-Dichloropropane-d6	6.703	67	51546	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.20%
41) Toluene-d8	7.906	98	126611	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.40%
43) trans-1,3-Dichloroprop...	8.185	79	20826	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.642	63	129442	47.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.24%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	48769	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.188	152	48985	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	519	0.05	ug/L #	21
16) Methylene chloride	3.057	84	2672	0.24	ug/L	74
22) cis-1,2-Dichloroethene	4.681	96	8482	0.83	ug/L	93
25) Chloroform	5.092	83	1231	0.06	ug/L	79
27) 1,2-Dichloroethane	5.745	62	832	0.07	ug/L #	75
34) Trichloroethene	6.552	95	68287	5.93	ug/L	100
35) Methylcyclohexane	6.700	83	12632	0.69	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5425	0.45	ug/L #	90
39) cis-1,3-Dichloropropene	7.568	75	1296	0.07	ug/L #	57
44) trans-1,3-Dichloropropene	8.182	75	843	0.05	ug/L #	73
47) Tetrachloroethene	8.558	164	49392	6.62	ug/L	97
48) 2-Hexanone	8.642	43	14432	2.59	ug/L #	65
49) Dibromochloromethane	8.558	129	48709	5.29	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5923	0.75	ug/L	96

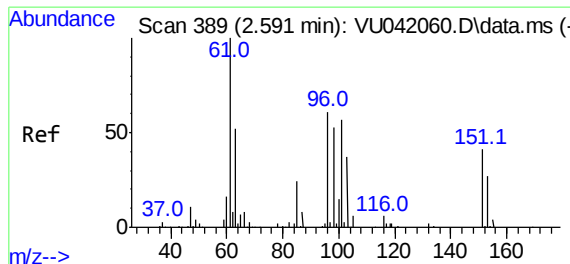
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

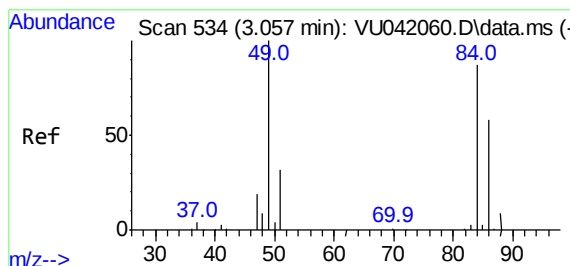
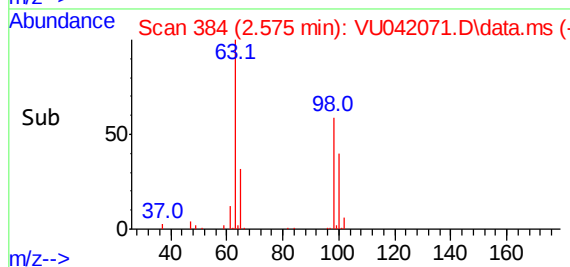
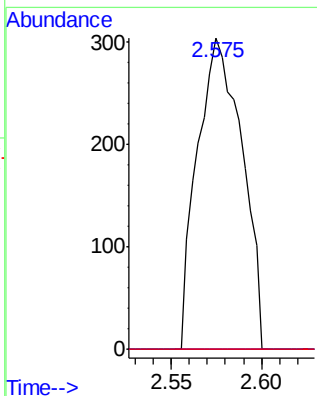
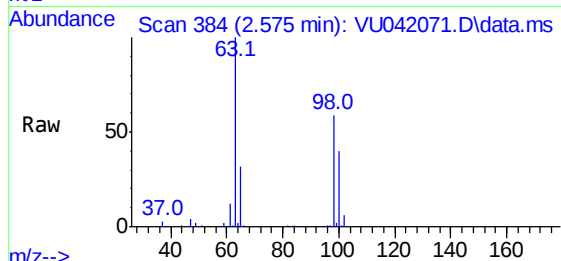




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.016 min
Lab File: VU042071.D
Acq: 15 Jan 2021 14:25

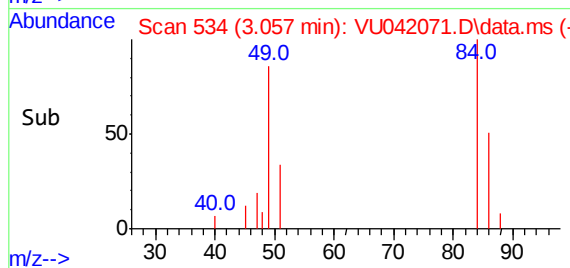
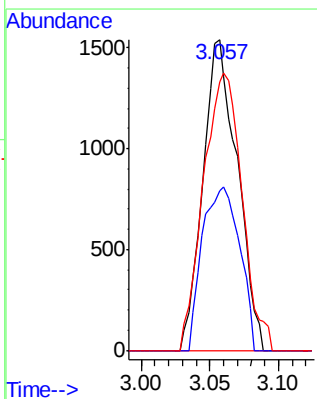
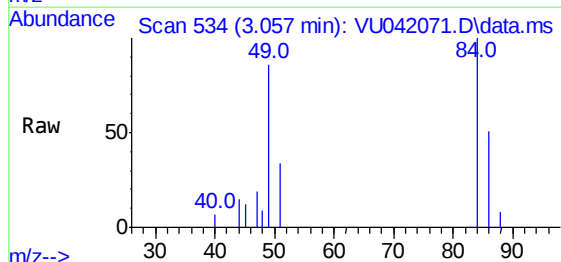
Instrument :
MSVOA_U
ClientSampleId :
BFXN1DL

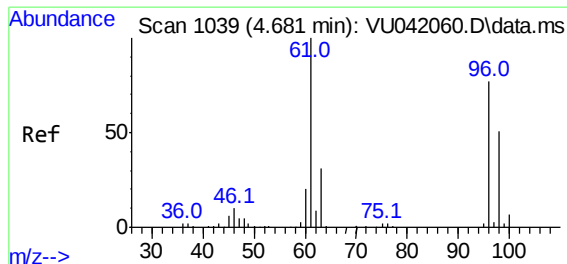
Tgt Ion:101 Resp: 519
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#



#16
Methylene chloride
Concen: 0.24 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU042071.D
Acq: 15 Jan 2021 14:25

Tgt Ion: 84 Resp: 2672
Ion Ratio Lower Upper
84 100
86 51.4 42.6 79.0
49 86.3 86.2 160.0



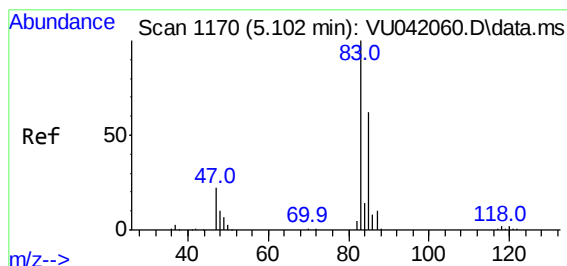
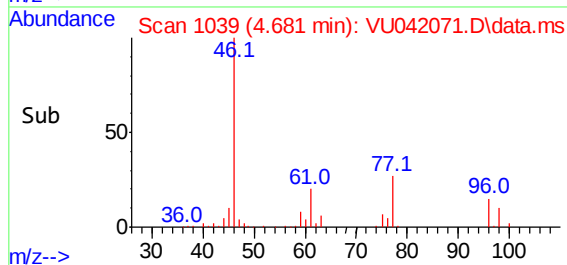
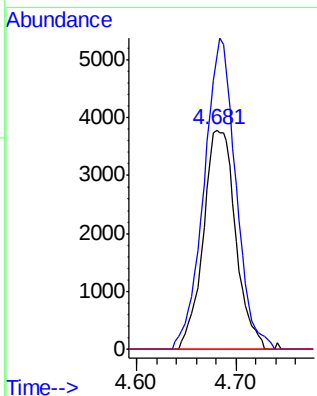
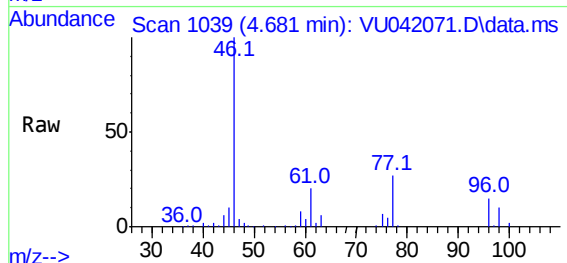


#22
cis-1,2-Dichloroethene
Concen: 0.83 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VU042071.D
Acq: 15 Jan 2021 14:25

Instrument :
MSVOA_U
ClientSampleId :
BFXN1DL

Tgt Ion: 96 Resp: 8482

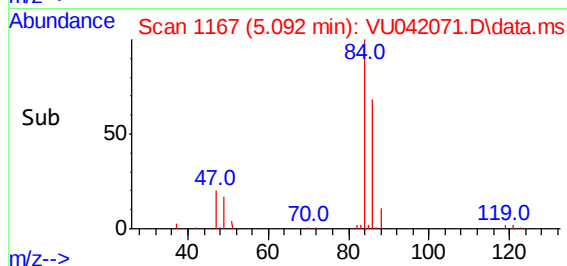
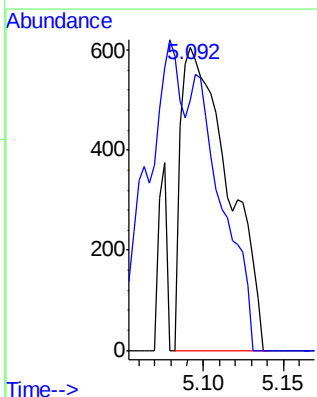
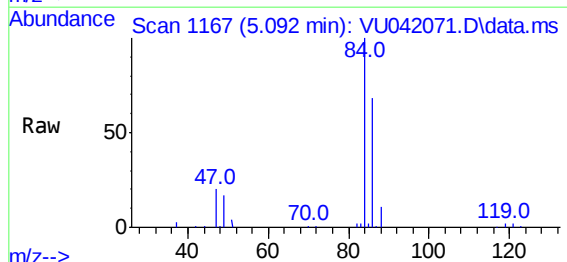
Ion	Ratio	Lower	Upper
96	100		
61	134.6	100.3	186.3
68	0.0	0.0	0.0

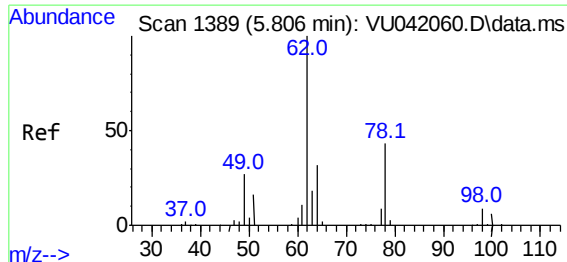


#25
Chloroform
Concen: 0.06 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.010 min
Lab File: VU042071.D
Acq: 15 Jan 2021 14:25

Tgt Ion: 83 Resp: 1231

Ion	Ratio	Lower	Upper
83	100		
85	82.8	46.1	85.7

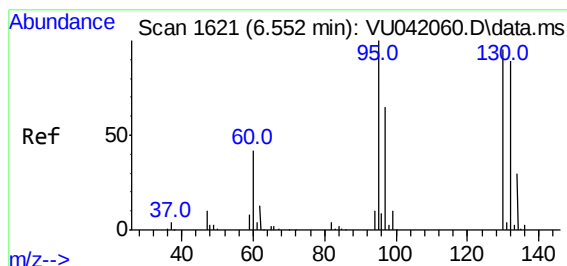
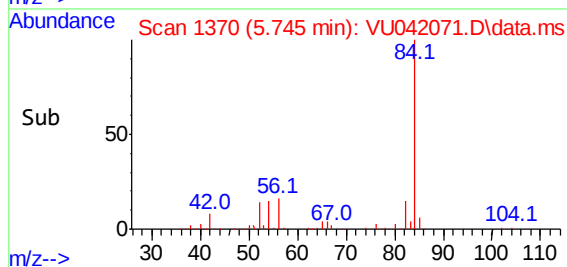
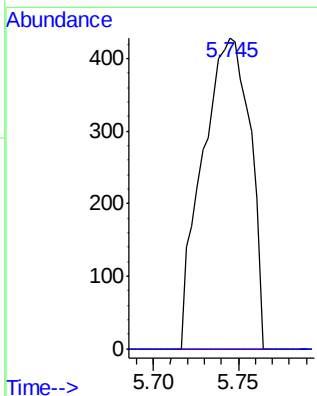
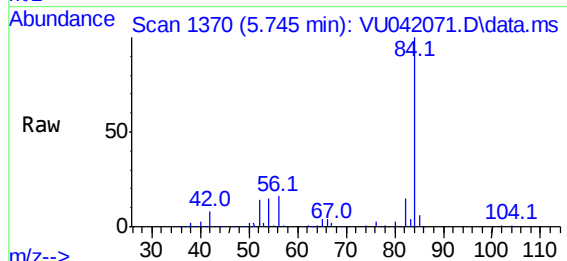




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.745 min Scan# 1370
Delta R.T. -0.061 min
Lab File: VU042071.D
Acq: 15 Jan 2021 14:25

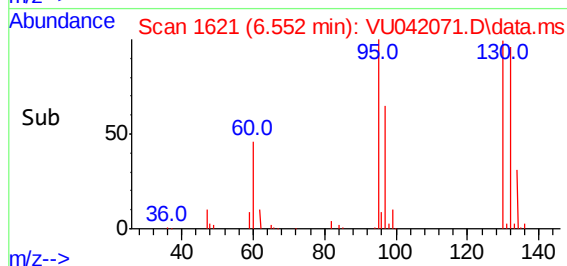
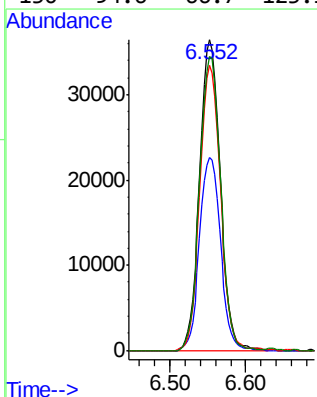
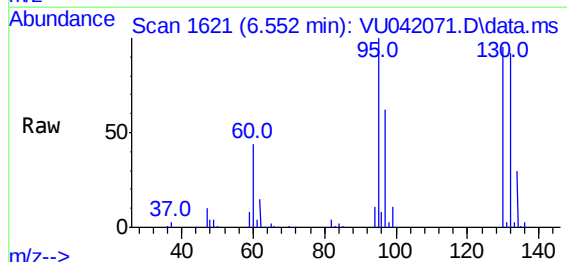
Instrument :
MSVOA_U
ClientSampleId :
BFXN1DL

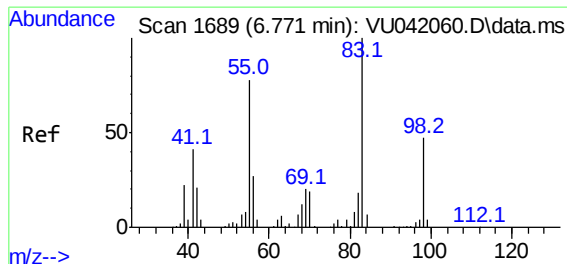
Tgt Ion: 62 Resp: 832
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



#34
Trichloroethene
Concen: 5.93 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042071.D
Acq: 15 Jan 2021 14:25

Tgt Ion: 95 Resp: 68287
Ion Ratio Lower Upper
95 100
97 62.2 43.6 81.0
132 91.7 64.3 119.3
130 94.6 66.7 123.9

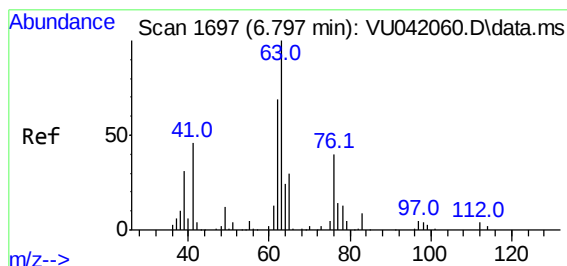
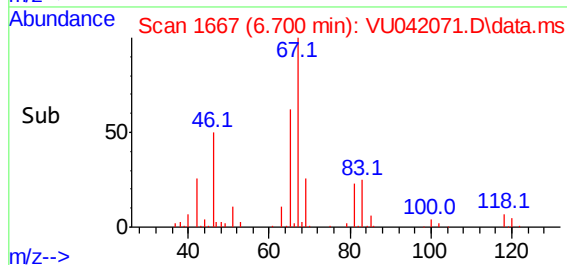
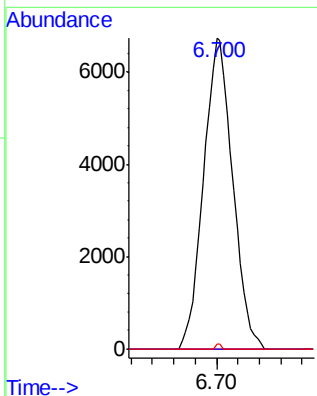
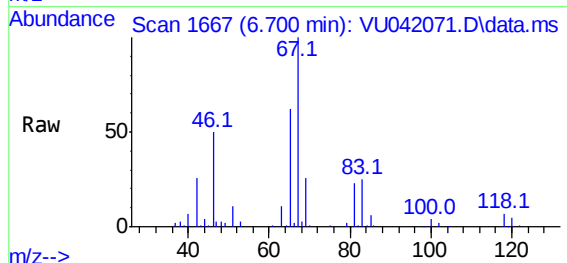




#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042071.D
Acq: 15 Jan 2021 14:25

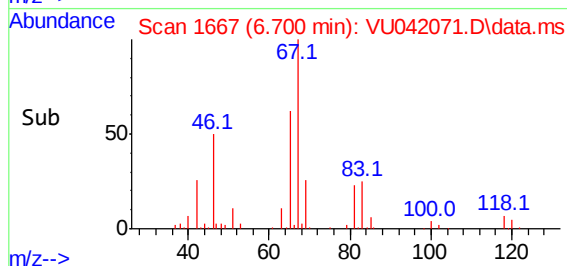
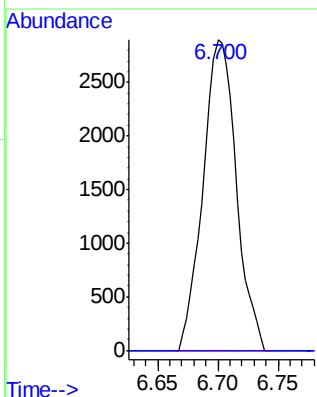
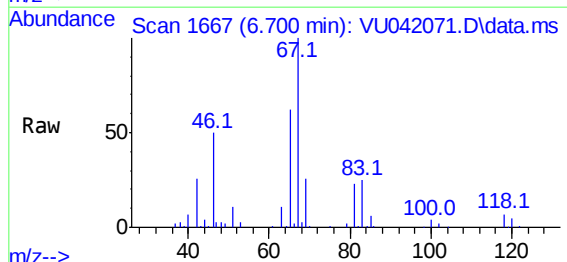
Instrument :
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ClientSampleId :
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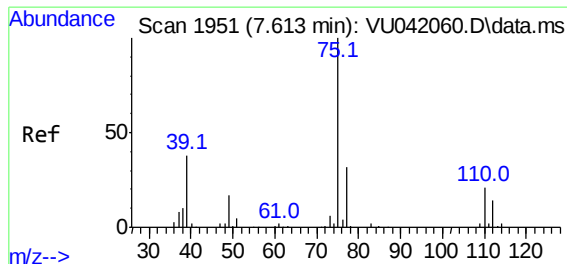
Tgt Ion: 83 Resp: 12632
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.0 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.45 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.097 min
Lab File: VU042071.D
Acq: 15 Jan 2021 14:25

Tgt Ion: 63 Resp: 5425
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

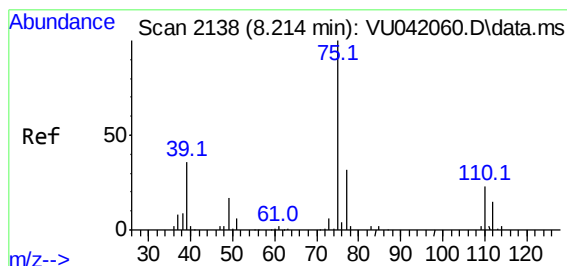
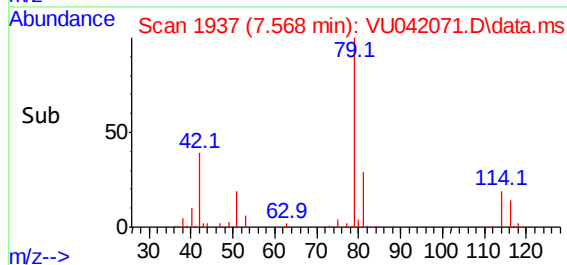
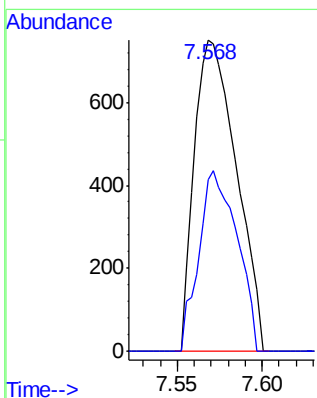
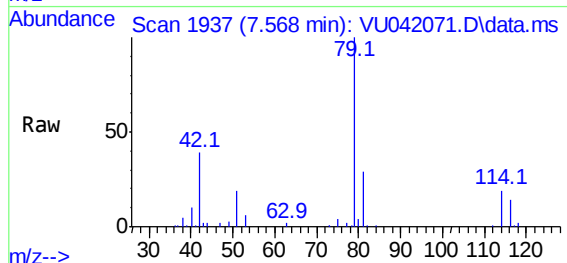




#39
cis-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU042071.D
Acq: 15 Jan 2021 14:25

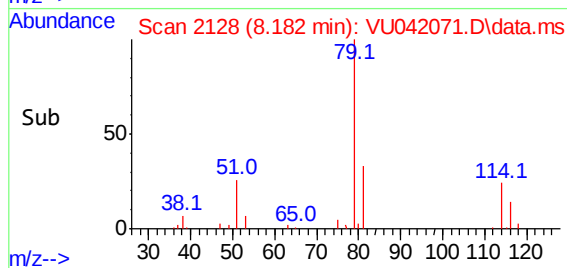
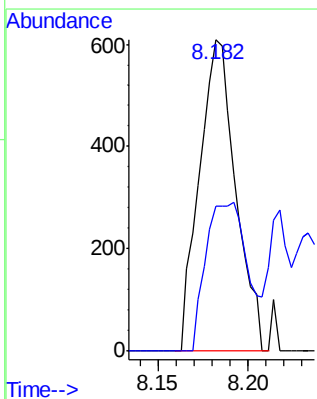
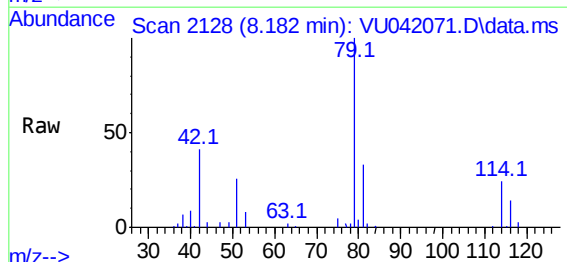
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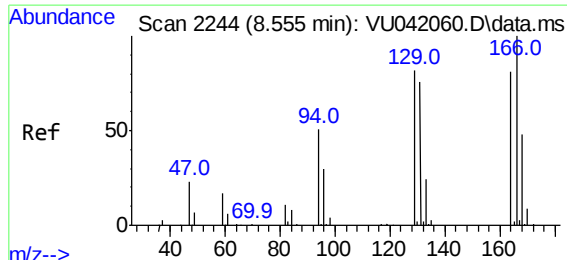
Tgt Ion: 75 Resp: 1296
Ion Ratio Lower Upper
75 100
77 55.2 21.9 40.7#



#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU042071.D
Acq: 15 Jan 2021 14:25

Tgt Ion: 75 Resp: 843
Ion Ratio Lower Upper
75 100
77 46.3 22.0 41.0#





#47

Tetrachloroethene

Concen: 6.62 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.003 min

Lab File: VU042071.D

Acq: 15 Jan 2021 14:25

Instrument :

MSVOA_U

ClientSampleId :

BFXN1DL

Tgt Ion:164 Resp: 49392

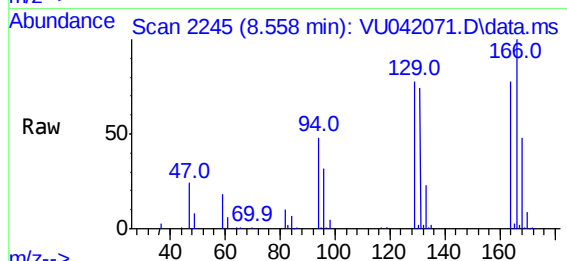
Ion Ratio Lower Upper

164 100

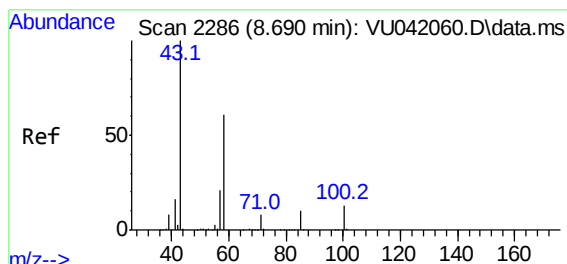
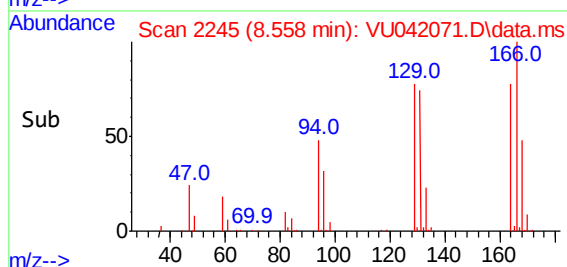
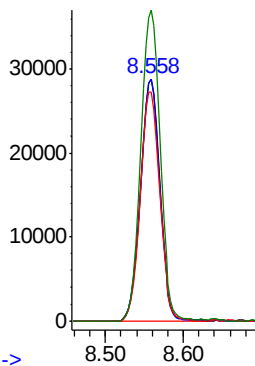
129 100.0 68.7 127.5

131 94.6 65.2 121.0

166 128.3 86.2 160.0



Abundance



#48

2-Hexanone

Concen: 2.59 ug/L

RT: 8.642 min Scan# 2271

Delta R.T. -0.048 min

Lab File: VU042071.D

Acq: 15 Jan 2021 14:25

Tgt Ion: 43 Resp: 14432

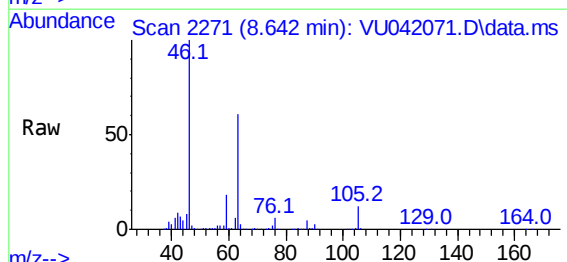
Ion Ratio Lower Upper

43 100

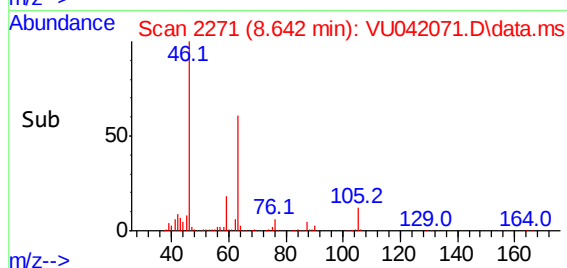
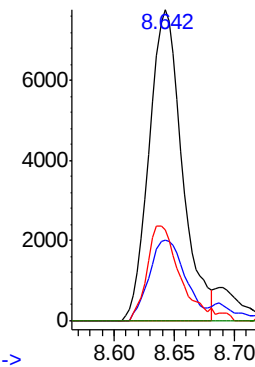
58 28.5 47.8 71.8#

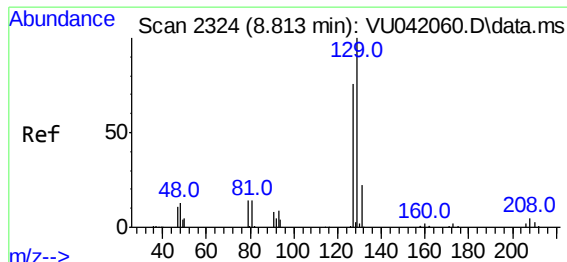
57 30.3 17.4 26.0#

100 0.0 9.5 14.3#



Abundance





#49

Dibromochloromethane

Concen: 5.29 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.254 min

Lab File: VU042071.D

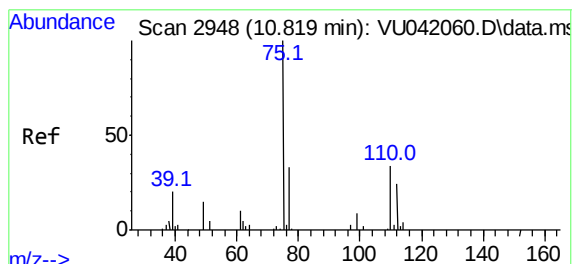
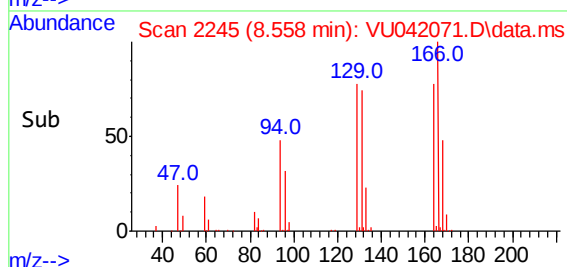
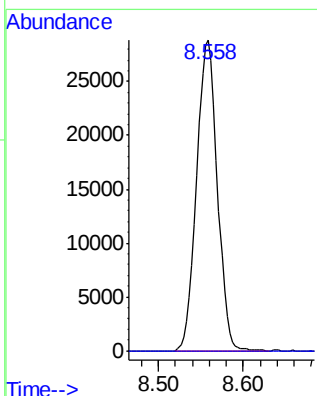
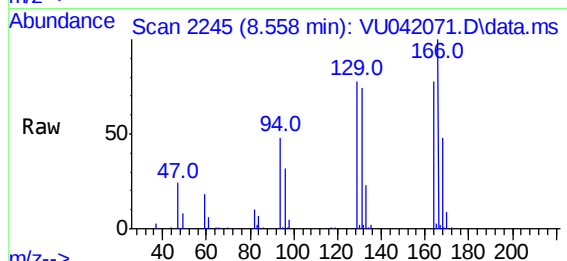
Acq: 15 Jan 2021 14:25

Tgt Ion:129 Resp: 48709

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



#59

1,2,3-Trichloropropane

Concen: 0.75 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU042071.D

Acq: 15 Jan 2021 14:25

Tgt Ion: 75 Resp: 5923

Ion Ratio Lower Upper

75 100

77 34.2 25.6 38.4

