

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042068.D
 Acq On : 15 Jan 2021 13:13
 Operator : SY/MD
 Sample : M1129-04DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT63DL

Quant Time: Jan 16 01:09:19 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)

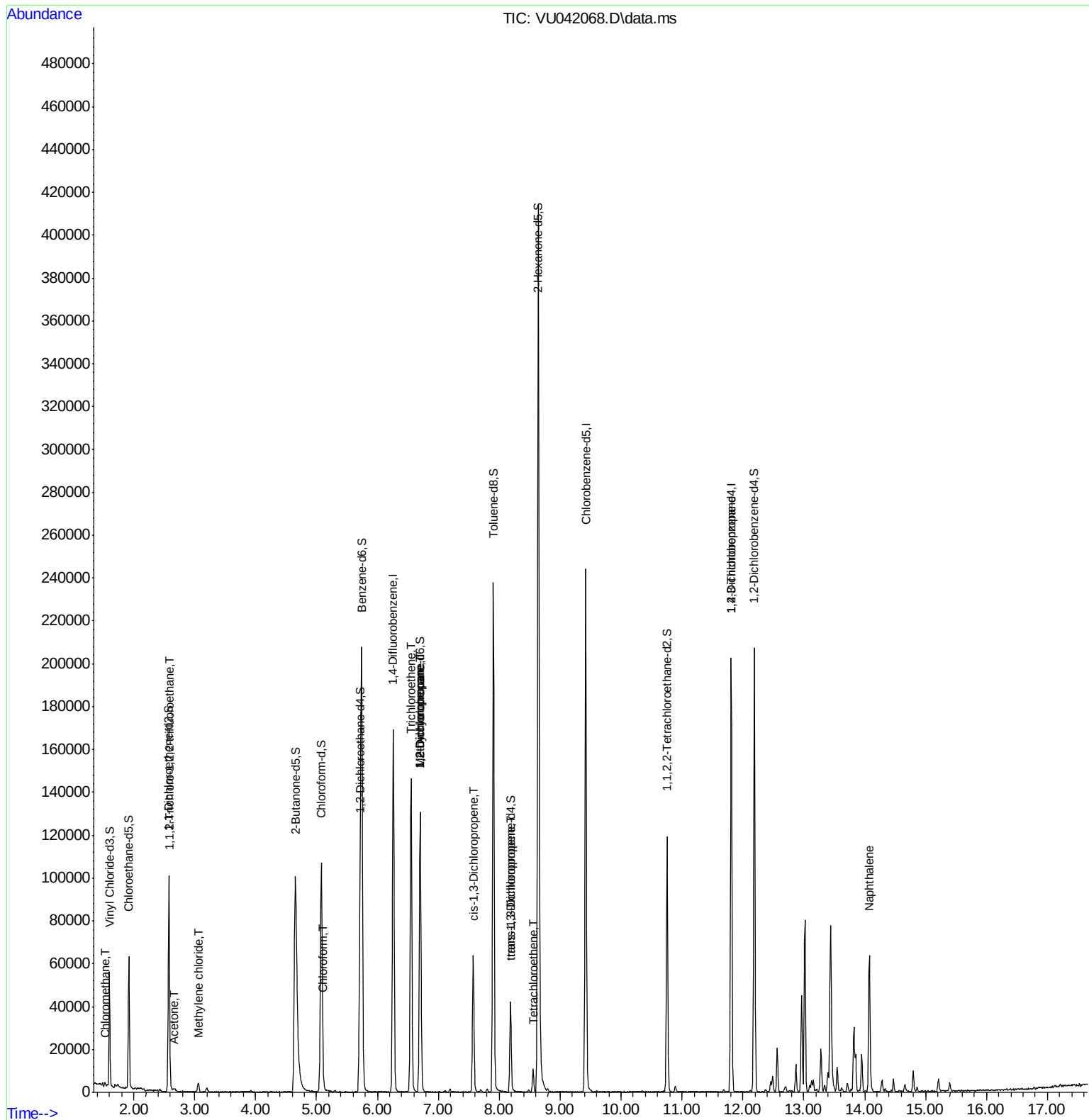
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	139419	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	139525	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	54024	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	35972	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.919	69	42572	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.578	63	60129	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.652	46	187249	53.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.08%
24) Chloroform-d	5.080	84	100577	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.716	65	57830	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.742	84	194460	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.700	67	65561	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.903	98	159103	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloroprop...	8.186	79	25753	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.642	63	166023	54.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.94%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	61400	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	12.189	152	52630	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1140	0.07	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	608	0.05	ug/L #	21
13) Acetone	2.665	43	2394	1.08	ug/L	80
16) Methylene chloride	3.060	84	2150	0.17	ug/L	93
25) Chloroform	5.105	83	2524	0.12	ug/L	81
34) Trichloroethene	6.552	95	52026	4.03	ug/L	100
35) Methylcyclohexane	6.703	83	14594	0.71	ug/L #	16
37) 1,2-Dichloropropane	6.703	63	6560	0.49	ug/L #	90
39) cis-1,3-Dichloropropene	7.578	75	1619	0.08	ug/L #	60
44) trans-1,3-Dichloropropene	8.182	75	1059	0.06	ug/L #	65
47) Tetrachloroethene	8.559	164	2343	0.28	ug/L	92
59) 1,2,3-Trichloropropane	11.809	75	5978	0.68	ug/L	96
69) Naphthalene	14.076	128	53453	3.16	ug/L	99

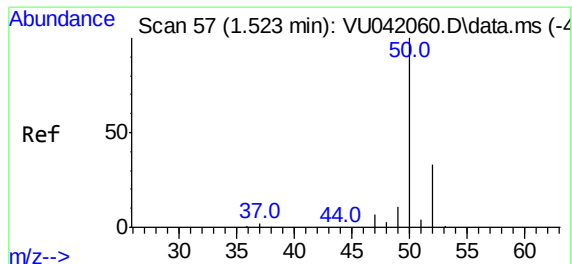
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

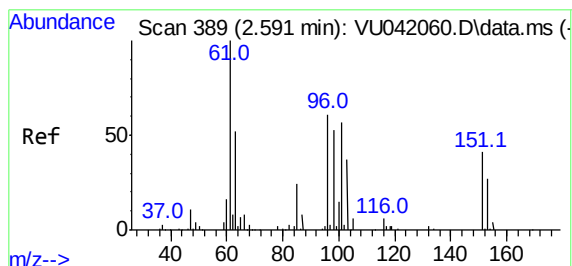
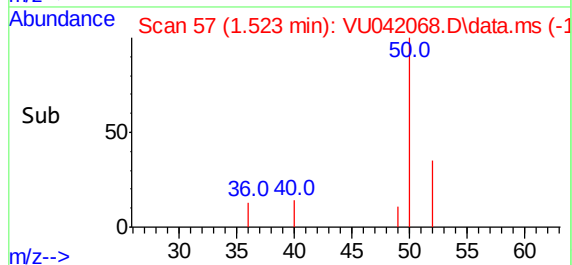
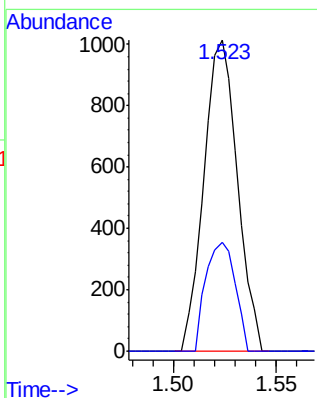
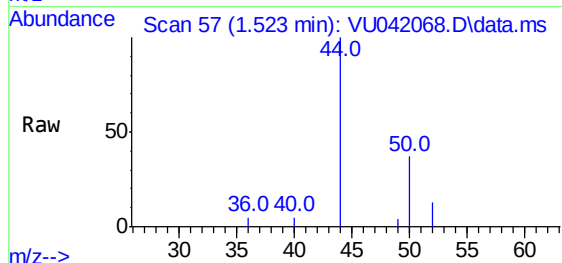




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042068.D
Acq: 15 Jan 2021 13:13

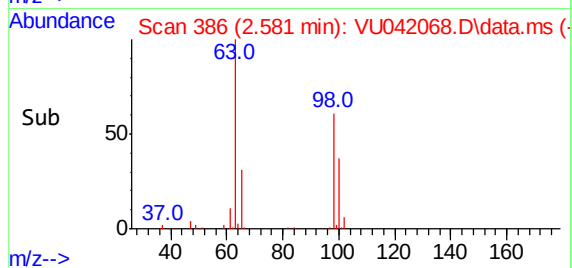
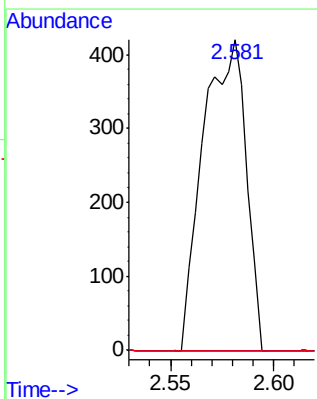
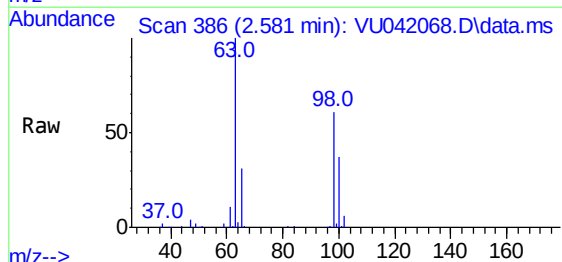
Instrument :
MSVOA_U
ClientSampleId :
BFT63DL

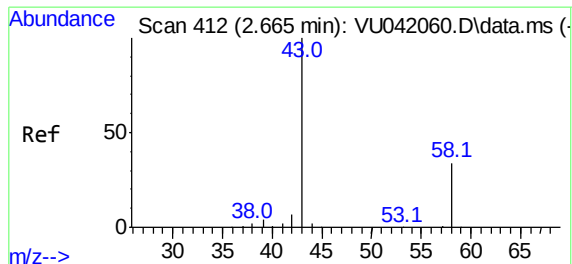
Tgt Ion: 50 Resp: 1140
Ion Ratio Lower Upper
50 100
52 35.1 23.5 43.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.010 min
Lab File: VU042068.D
Acq: 15 Jan 2021 13:13

Tgt Ion: 101 Resp: 608
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#

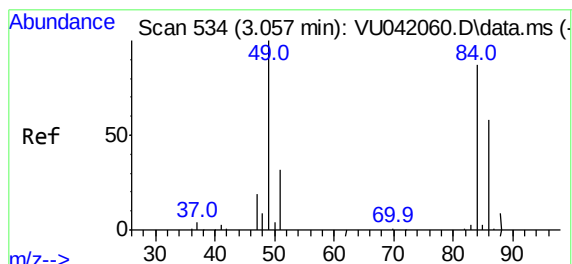
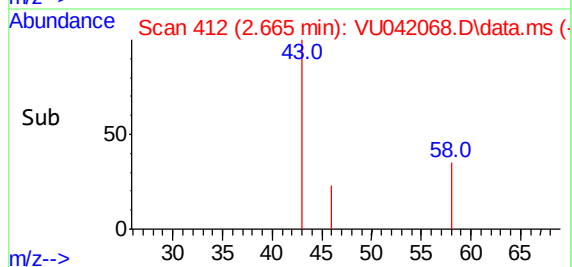
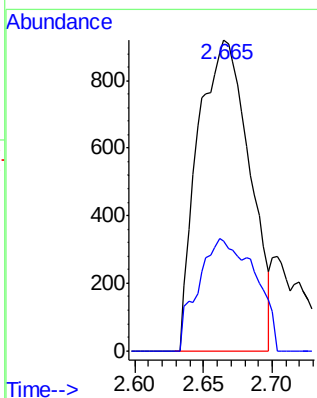
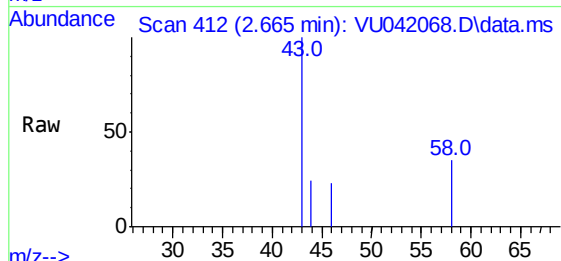




#13
Acetone
Concen: 1.08 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.000 min
Lab File: VU042068.D
Acq: 15 Jan 2021 13:13

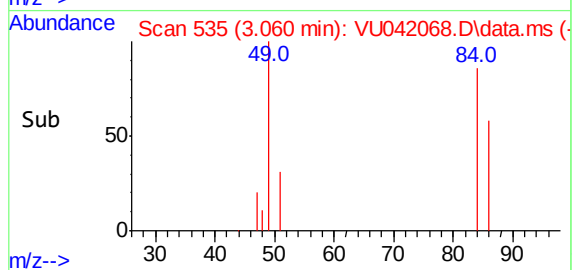
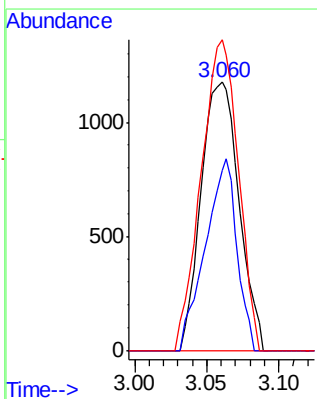
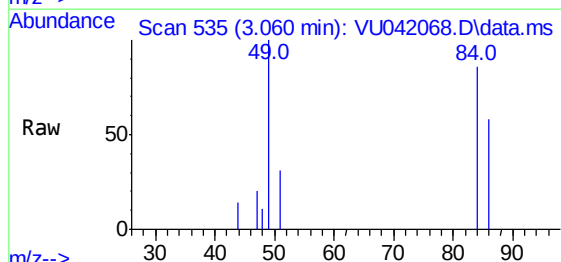
Instrument :
MSVOA_U
ClientSampled :
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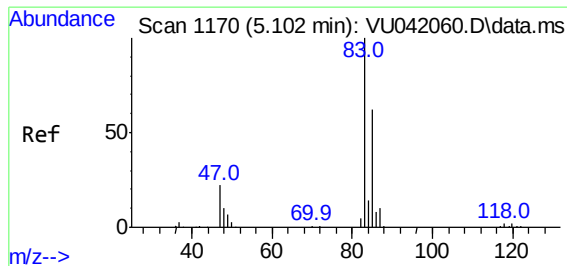
Tgt Ion: 43 Resp: 2394
Ion Ratio Lower Upper
43 100
58 39.6 0.0 57.4



#16
Methylene chloride
Concen: 0.17 ug/L
RT: 3.060 min Scan# 535
Delta R.T. 0.003 min
Lab File: VU042068.D
Acq: 15 Jan 2021 13:13

Tgt Ion: 84 Resp: 2150
Ion Ratio Lower Upper
84 100
86 67.3 42.6 79.0
49 115.9 86.2 160.0

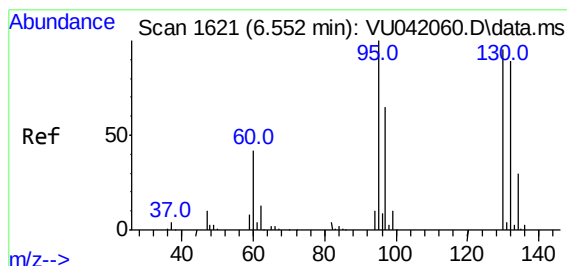
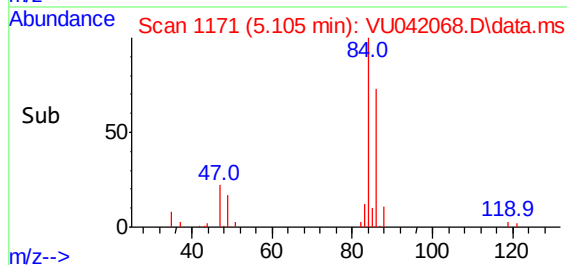
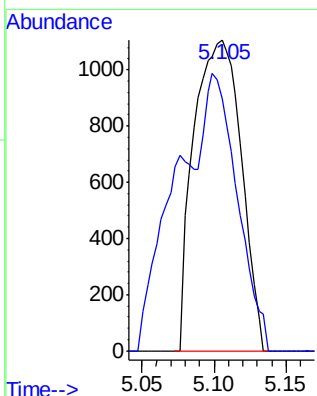
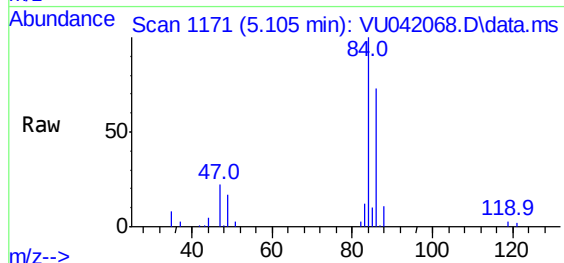




#25
Chloroform
Concen: 0.12 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU042068.D
Acq: 15 Jan 2021 13:13

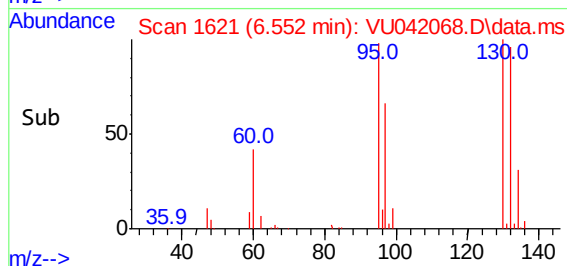
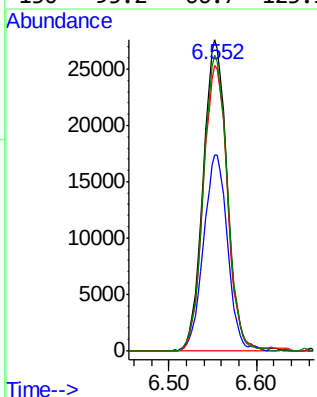
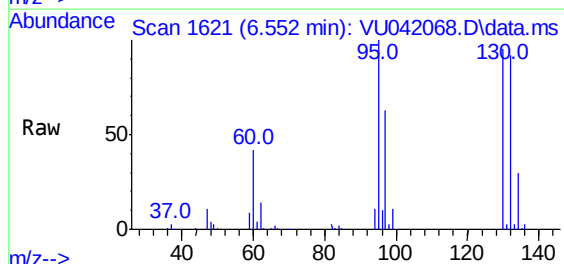
Instrument :
MSVOA_U
ClientSampleId :
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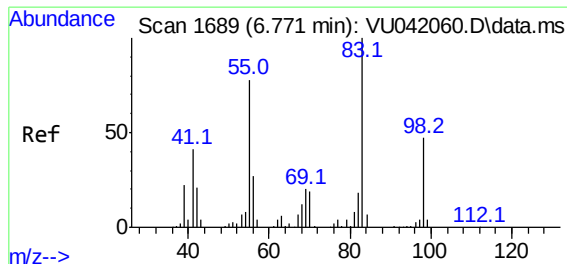
Tgt Ion: 83 Resp: 2524
Ion Ratio Lower Upper
83 100
85 81.0 46.1 85.7



#34
Trichloroethene
Concen: 4.03 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042068.D
Acq: 15 Jan 2021 13:13

Tgt Ion: 95 Resp: 52026
Ion Ratio Lower Upper
95 100
97 63.1 43.6 81.0
132 91.7 64.3 119.3
130 95.2 66.7 123.9

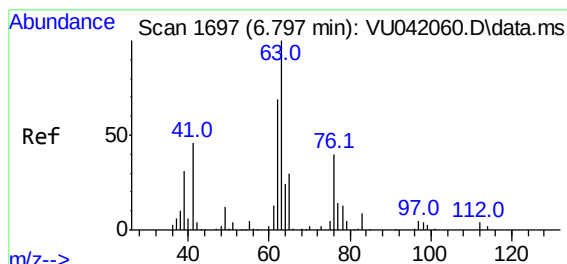
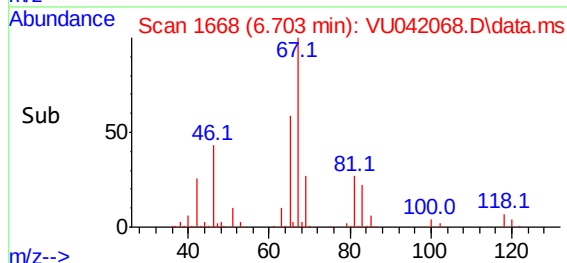
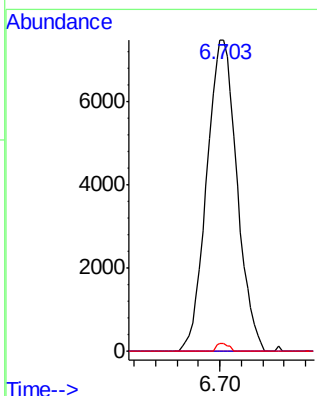
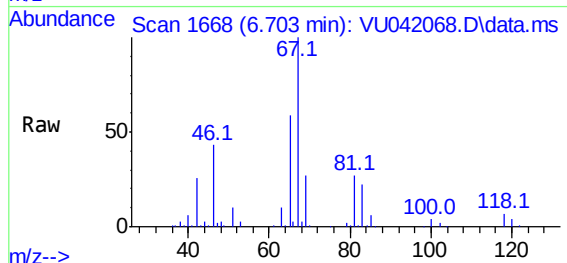




#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.068 min
Lab File: VU042068.D
Acq: 15 Jan 2021 13:13

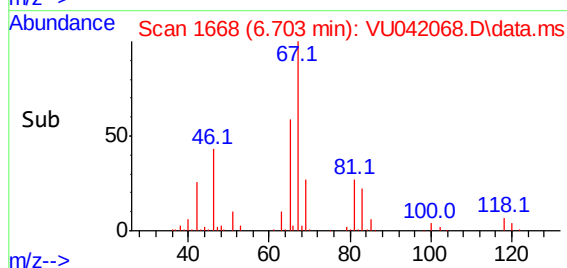
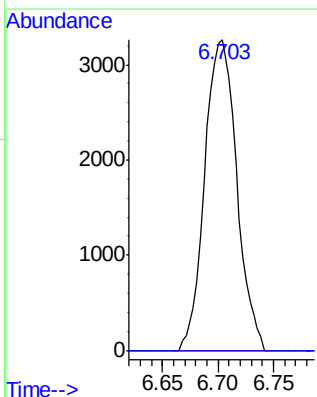
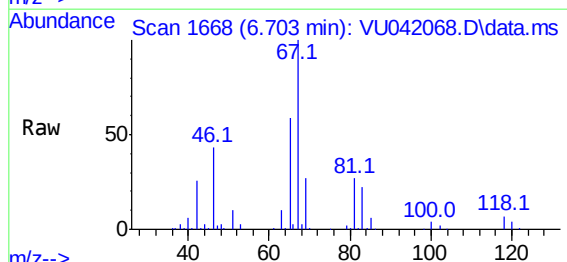
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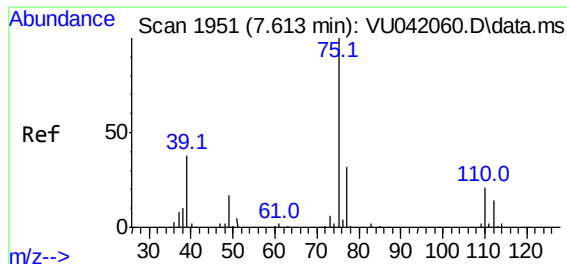
Tgt Ion: 83 Resp: 14594
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 1.0 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.49 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.093 min
Lab File: VU042068.D
Acq: 15 Jan 2021 13:13

Tgt Ion: 63 Resp: 6560
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

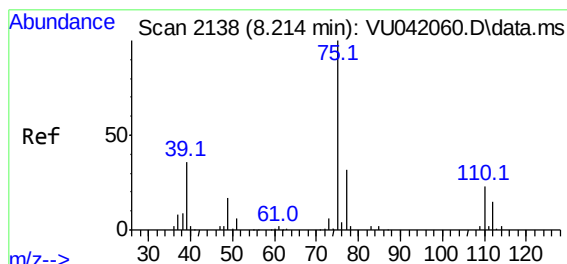
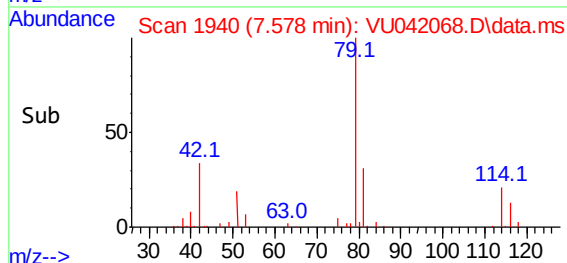
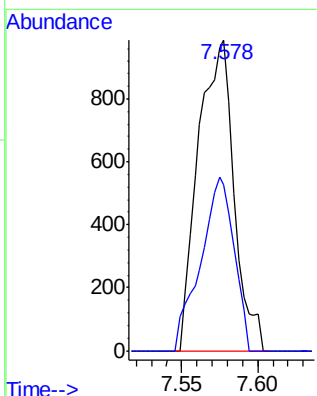
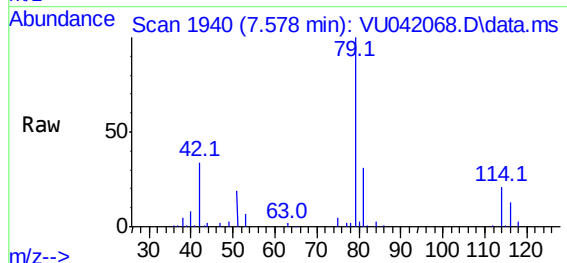




#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.035 min
Lab File: VU042068.D
Acq: 15 Jan 2021 13:13

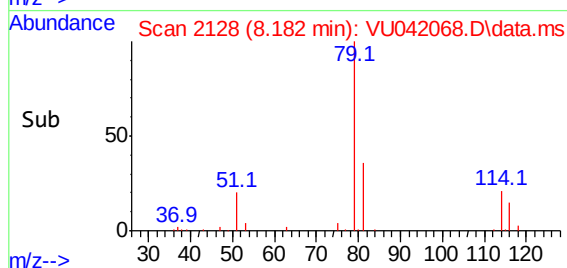
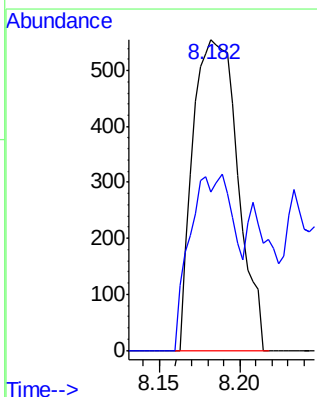
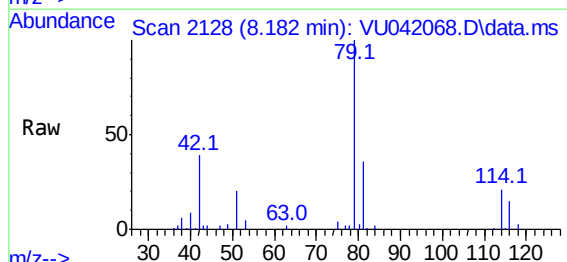
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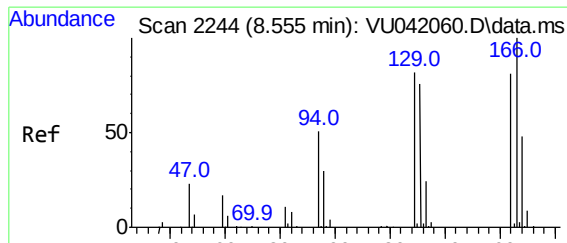
Tgt Ion: 75 Resp: 1619
Ion Ratio Lower Upper
75 100
77 53.4 21.9 40.7#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU042068.D
Acq: 15 Jan 2021 13:13

Tgt Ion: 75 Resp: 1059
Ion Ratio Lower Upper
75 100
77 50.8 22.0 41.0#

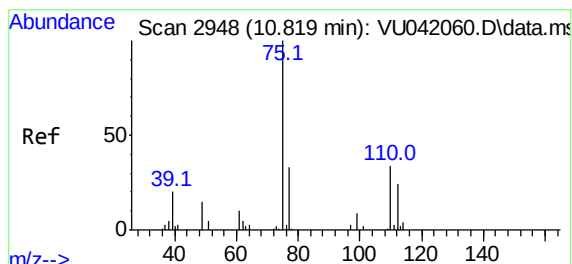
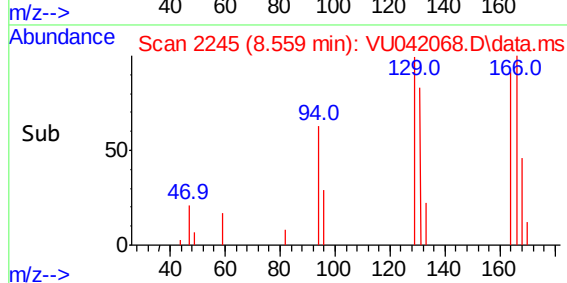
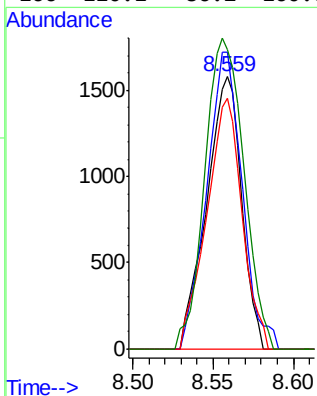
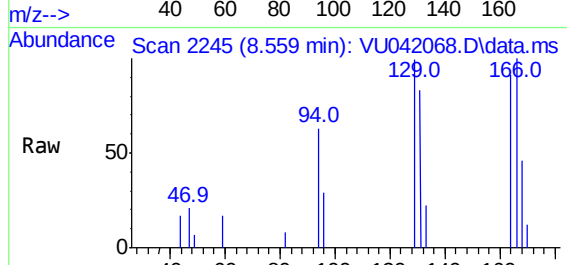




#47
Tetrachloroethene
Concen: 0.28 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042068.D
Acq: 15 Jan 2021 13:13

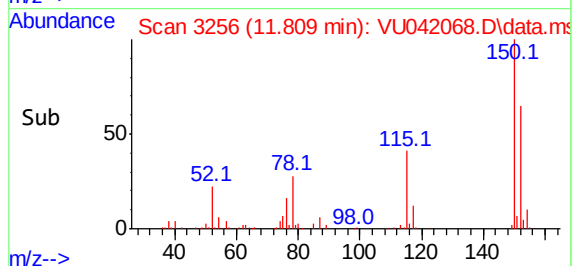
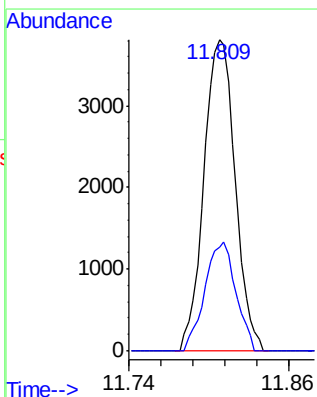
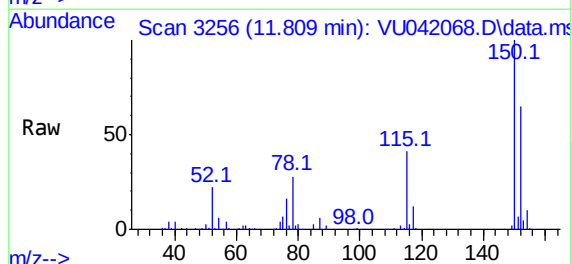
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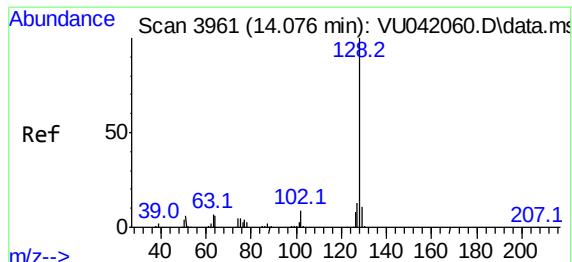
Tgt Ion:164 Resp: 2343
Ion Ratio Lower Upper
164 100
129 109.1 68.7 127.5
131 92.0 65.2 121.0
166 110.1 86.2 160.0



#59
1,2,3-Trichloropropane
Concen: 0.68 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU042068.D
Acq: 15 Jan 2021 13:13

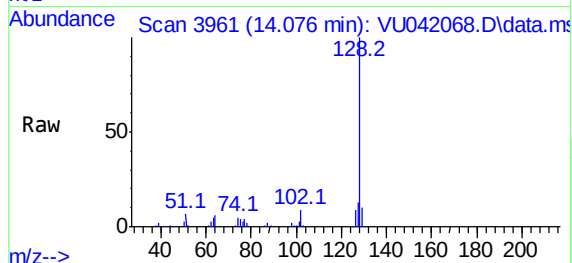
Tgt Ion: 75 Resp: 5978
Ion Ratio Lower Upper
75 100
77 34.5 25.6 38.4





#69
Naphthalene
Concen: 3.16 ug/L
RT: 14.076 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VU042068.D
Acq: 15 Jan 2021 13:13

Instrument :
MSVOA_U
ClientSampleId :
BFT63DL



Tgt Ion:128 Resp: 53453

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	12.7	10.5	15.7

