

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042069.D
 Acq On : 15 Jan 2021 13:37
 Operator : SY/MD
 Sample : M1129-09DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT67DL

Quant Time: Jan 16 01:09:40 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	112100	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111554	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	51803	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38638	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.919	69	44925	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.575	63	59918	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.652	46	141262	49.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.52%
24) Chloroform-d	5.076	84	88683	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.716	65	49872	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.742	84	163705	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.700	67	53987	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.906	98	136502	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloroprop...	8.185	79	21642	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.642	63	126571	51.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.88%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	61328	6.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	136.20%#
64) 1,2-Dichlorobenzene-d4	12.188	152	54459	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1128	0.09	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	465	0.05	ug/L #	21
13) Acetone	2.661	43	4274	2.41	ug/L	96
15) Methyl Acetate	2.970	43	1215	0.28	ug/L #	55
16) Methylene chloride	3.057	84	3161	0.31	ug/L	98
25) Chloroform	5.108	83	4364	0.25	ug/L	97
27) 1,2-Dichloroethane	5.735	62	1048	0.09	ug/L #	75
34) Trichloroethene	6.552	95	71743	6.95	ug/L	99
35) Methylcyclohexane	6.703	83	12728	0.78	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5785	0.54	ug/L #	90
38) Bromodichloromethane	7.111	83	2369	0.17	ug/L #	85
39) cis-1,3-Dichloropropene	7.571	75	1204	0.08	ug/L #	61
44) trans-1,3-Dichloropropene	8.182	75	903	0.07	ug/L #	72
47) Tetrachloroethene	8.558	164	1863	0.28	ug/L	88
49) Dibromochloromethane	8.812	129	1147	0.14	ug/L	87
59) 1,2,3-Trichloropropane	11.806	75	5926	0.84	ug/L	100
61) Bromoform	10.291	173	272	0.06	ug/L #	36
69) Naphthalene	14.076	128	7306	0.45	ug/L #	96

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 16 01:05:16 2021
Response via : Initial Calibration

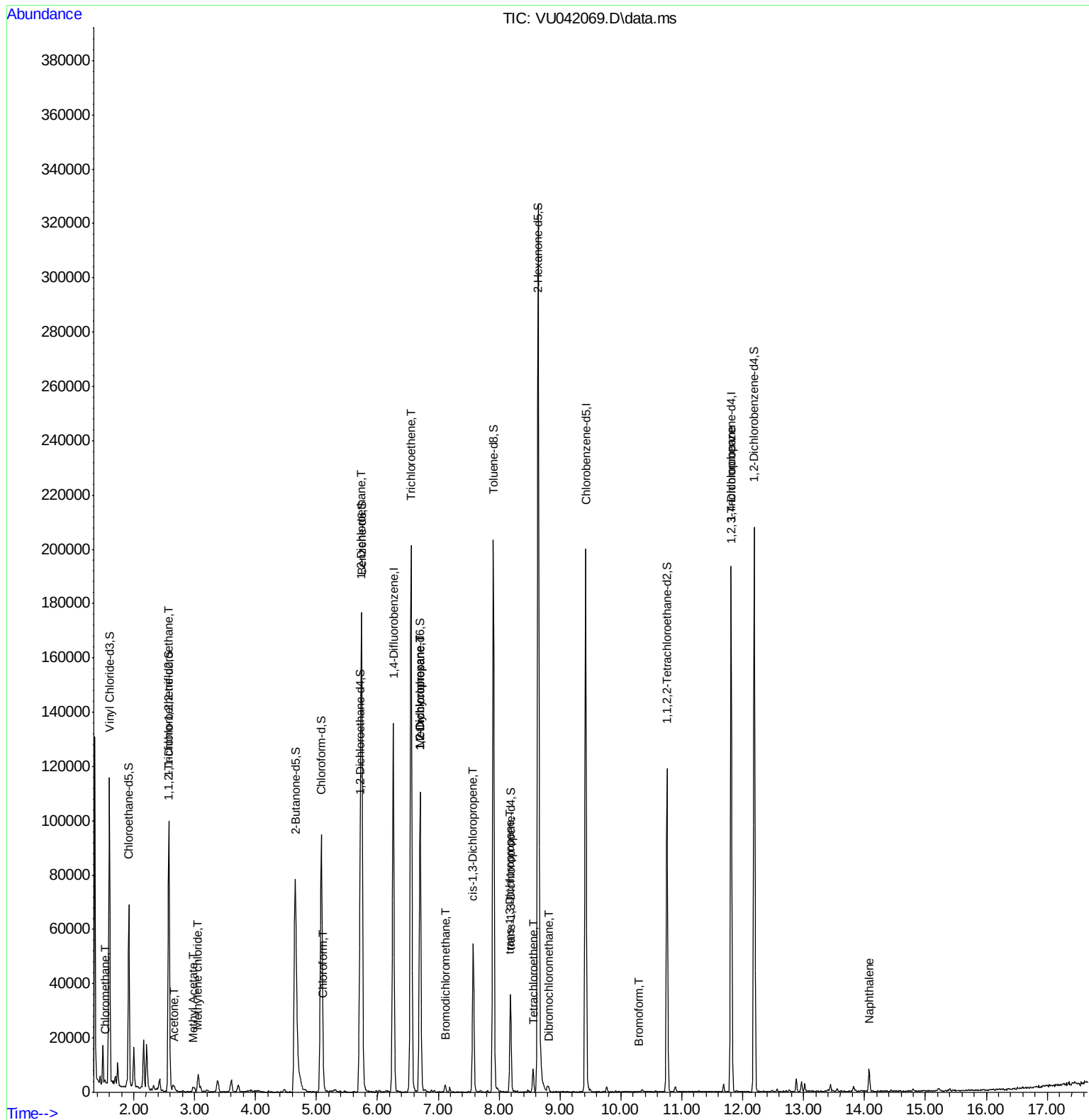
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

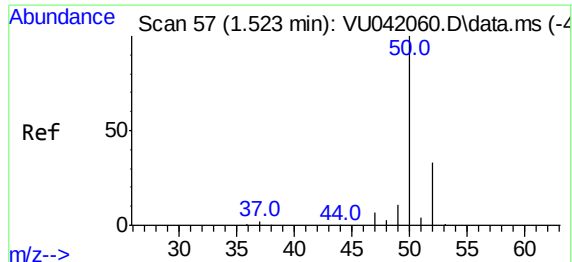
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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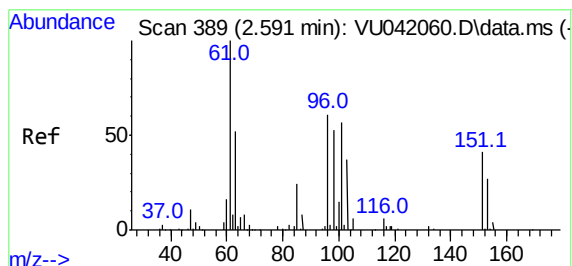
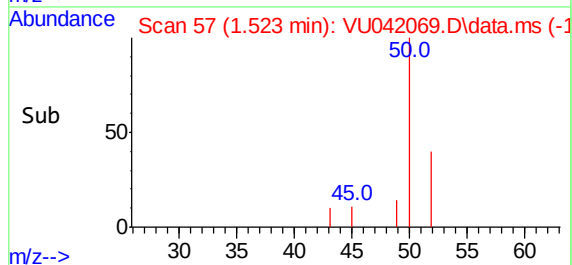
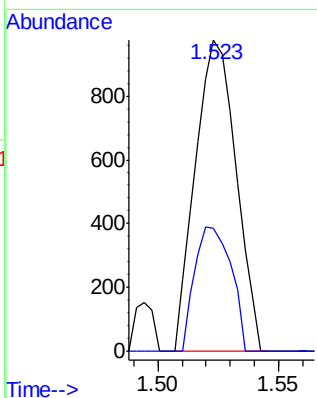
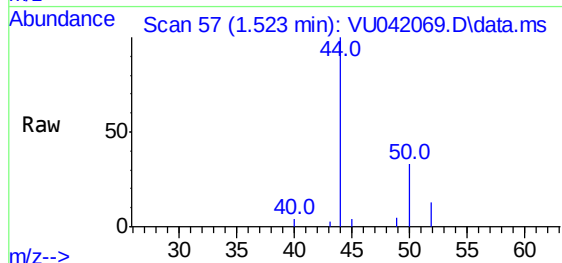




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

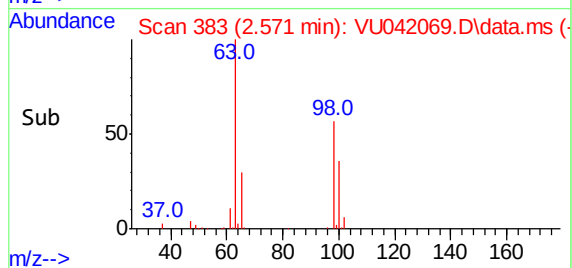
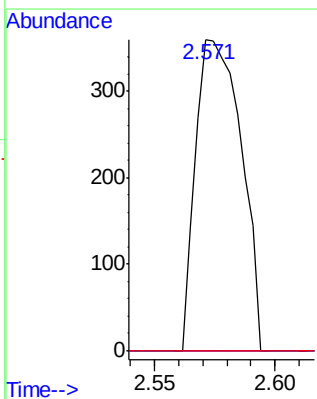
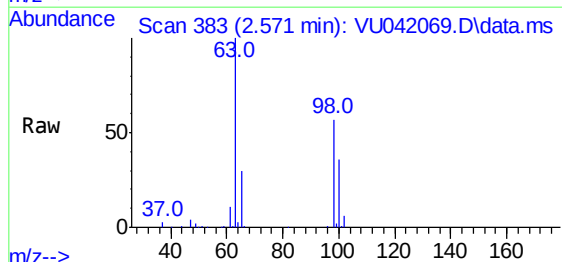
Instrument :
MSVOA_U
ClientSampleId :
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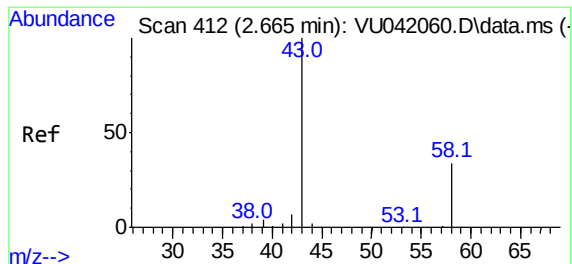
Tgt Ion: 50 Resp: 1128
Ion Ratio Lower Upper
50 100
52 39.7 23.5 43.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.019 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

Tgt Ion: 101 Resp: 465
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#

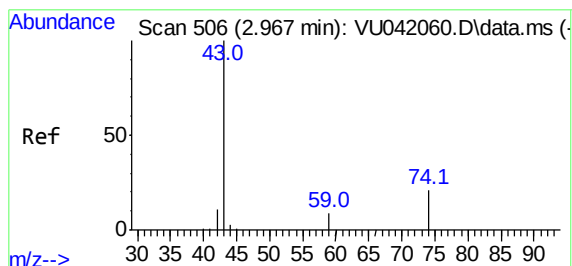
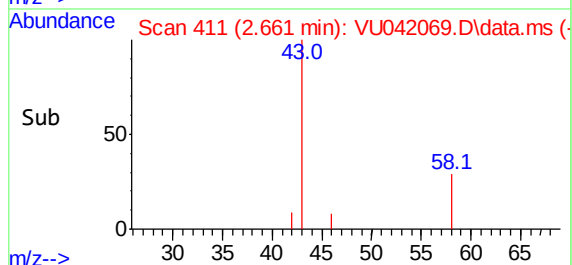
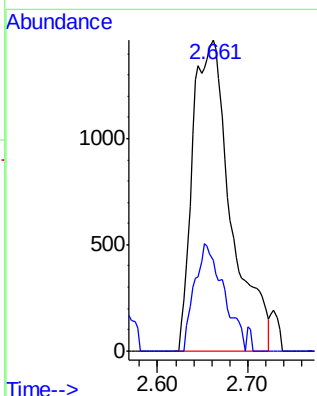
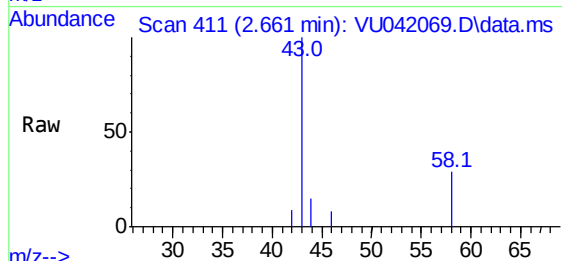




#13
Acetone
Concen: 2.41 ug/L
RT: 2.661 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

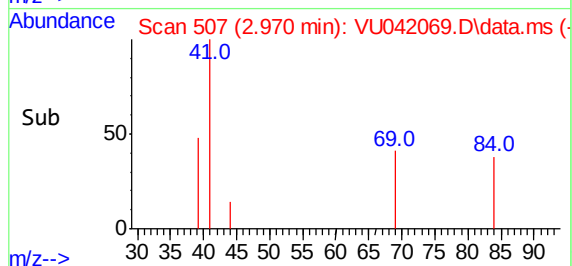
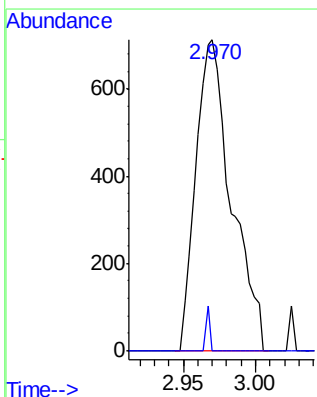
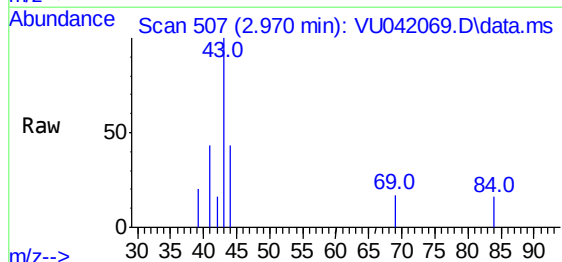
Instrument :
MSVOA_U
ClientSampleId :
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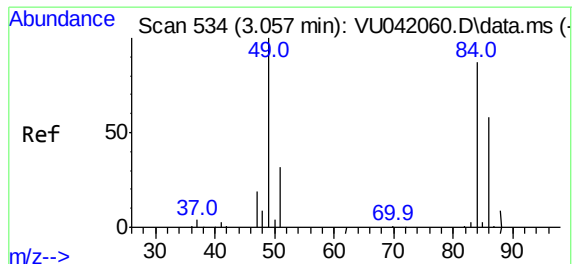
Tgt Ion: 43 Resp: 4274
Ion Ratio Lower Upper
43 100
58 26.4 0.0 57.4



#15
Methyl Acetate
Concen: 0.28 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.003 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
74 1.6 19.2 28.8#

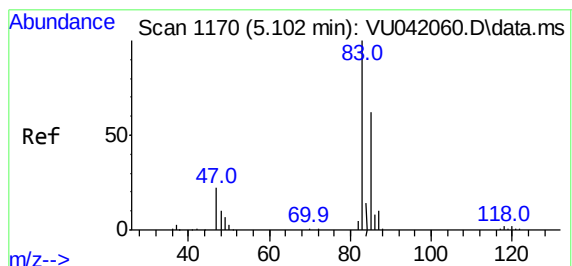
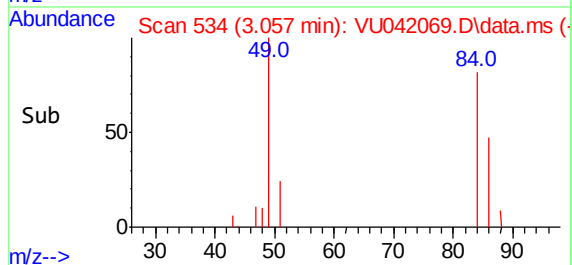
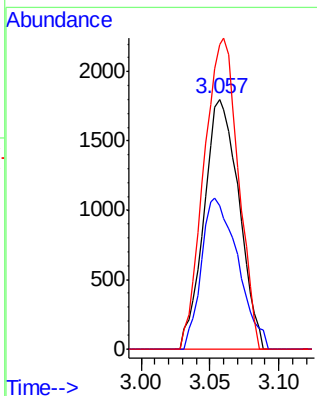
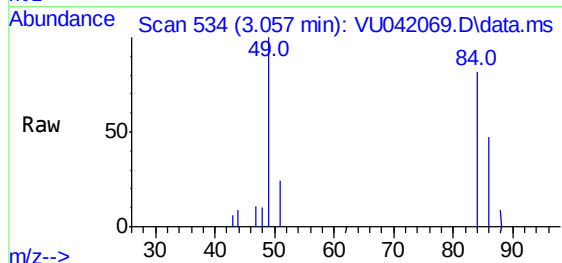




#16
Methylene chloride
Concen: 0.31 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

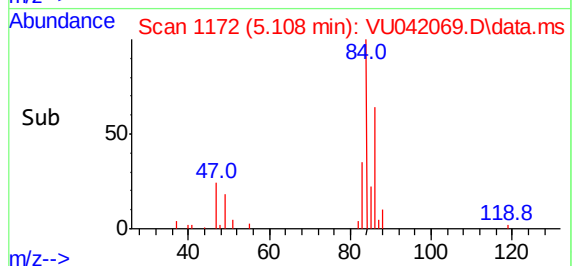
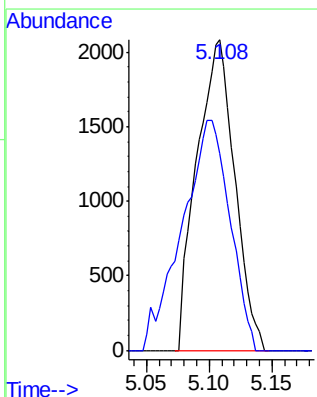
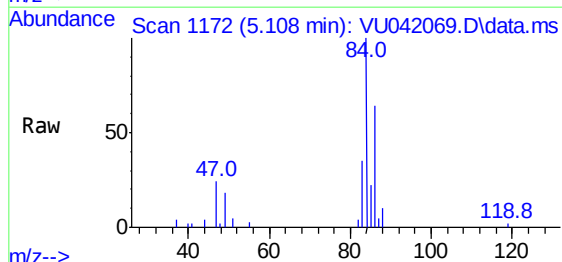
Instrument :
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ClientSampleId :
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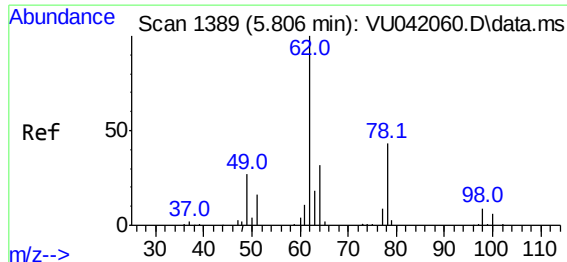
Tgt Ion: 84 Resp: 3161
Ion Ratio Lower Upper
84 100
86 57.2 42.6 79.0
49 121.6 86.2 160.0



#25
Chloroform
Concen: 0.25 ug/L
RT: 5.108 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

Tgt Ion: 83 Resp: 4364
Ion Ratio Lower Upper
83 100
85 63.4 46.1 85.7

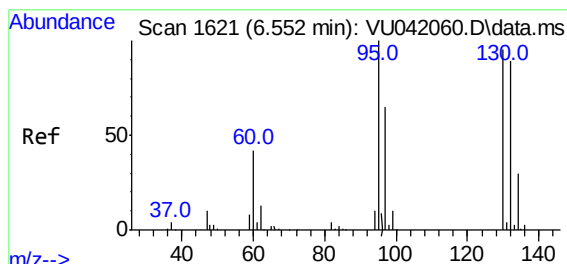
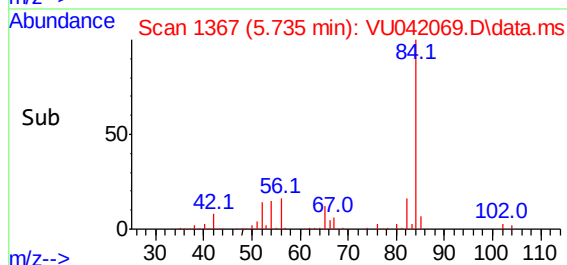
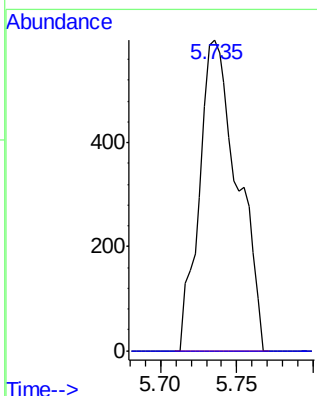
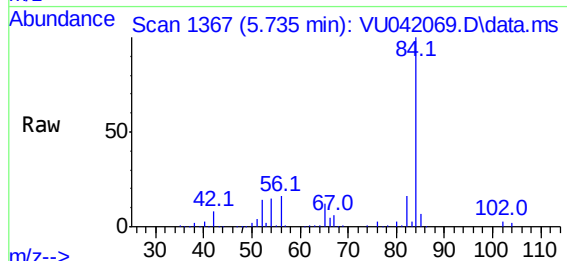




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

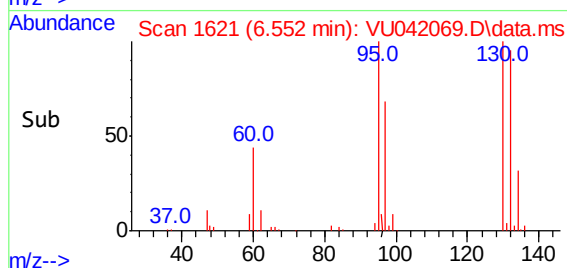
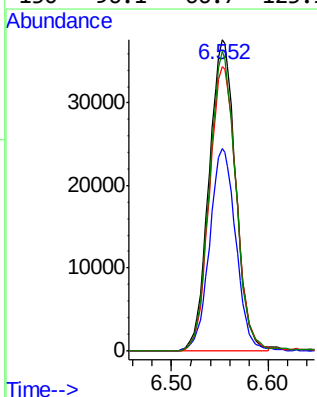
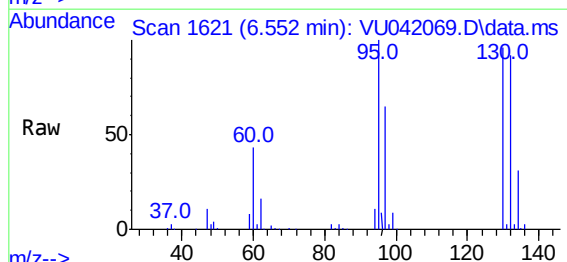
Instrument :
MSVOA_U
ClientSampled :
BFT67DL

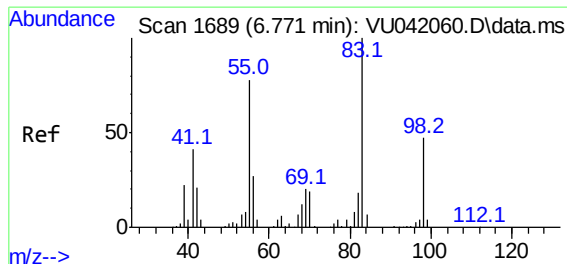
Tgt Ion: 62 Resp: 1048
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



#34
Trichloroethene
Concen: 6.95 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

Tgt Ion: 95 Resp: 71743
Ion Ratio Lower Upper
95 100
97 64.9 43.6 81.0
132 91.5 64.3 119.3
130 96.1 66.7 123.9

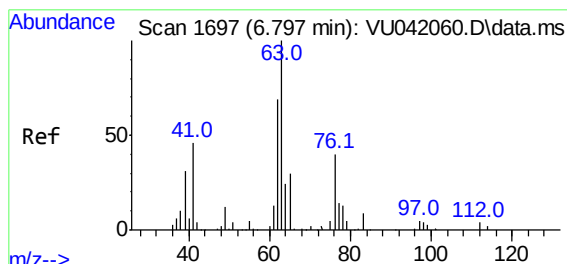
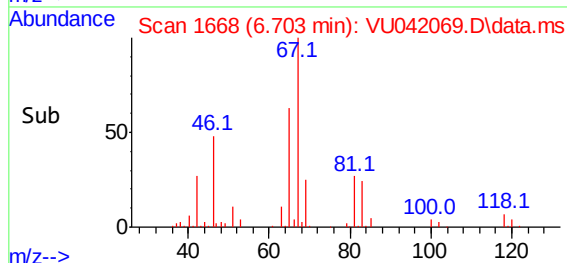
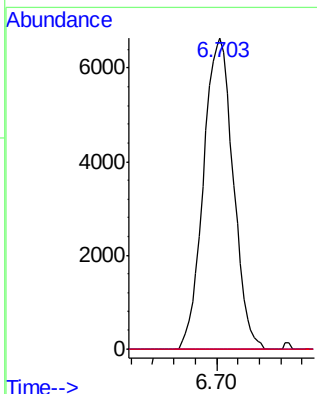
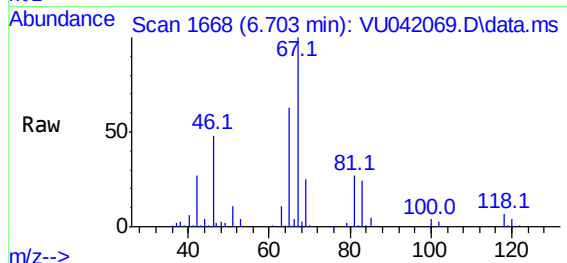




#35
Methylcyclohexane
Concen: 0.78 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.068 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

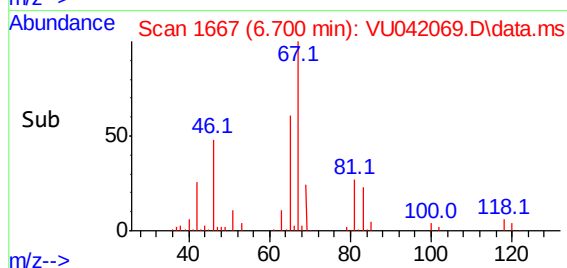
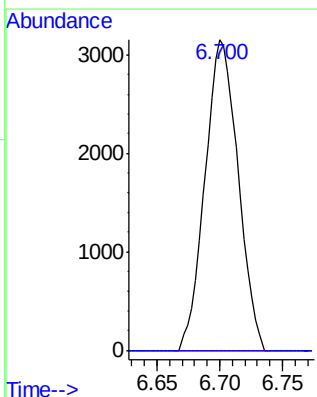
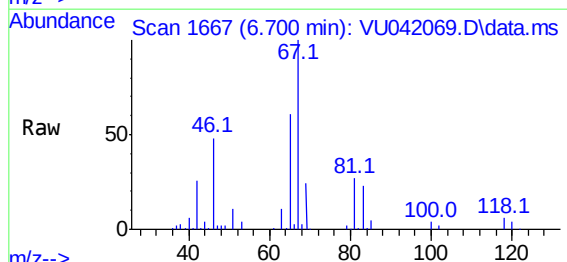
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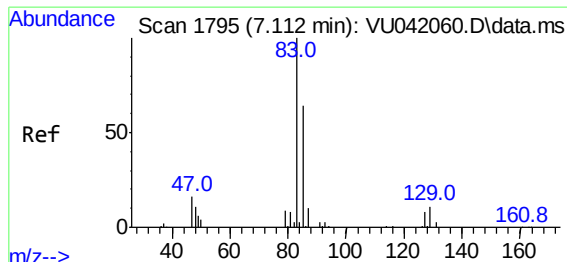
Tgt Ion: 83 Resp: 12728
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.0 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.097 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

Tgt Ion: 63 Resp: 5785
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

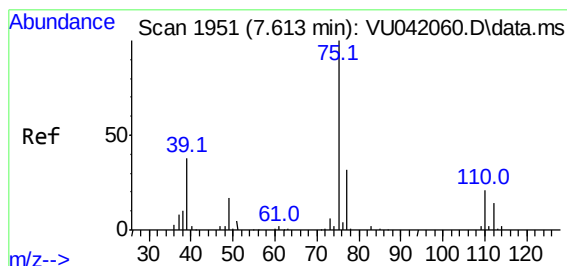
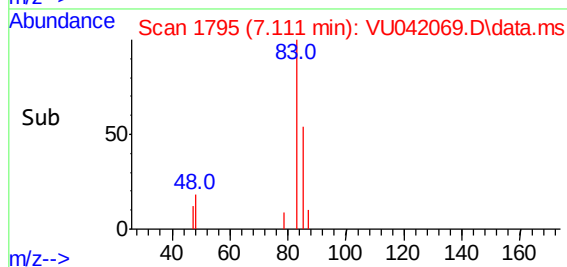
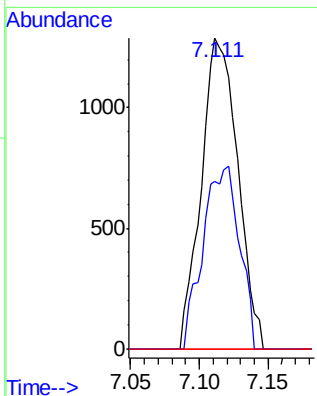
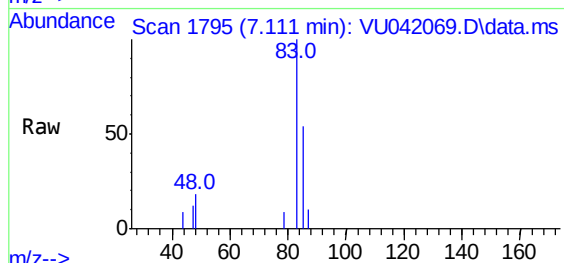




#38
Bromodichloromethane
Concen: 0.17 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

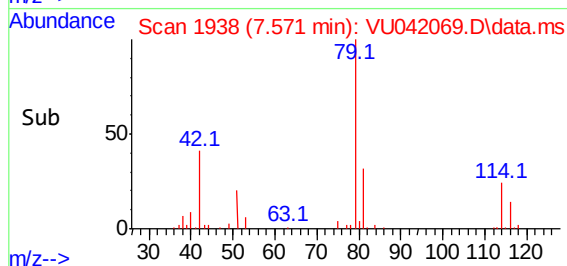
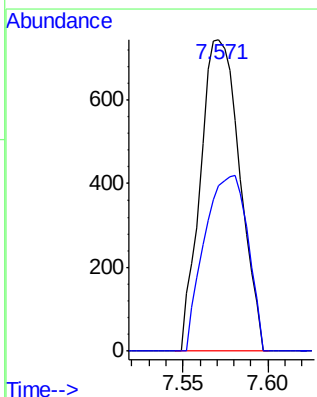
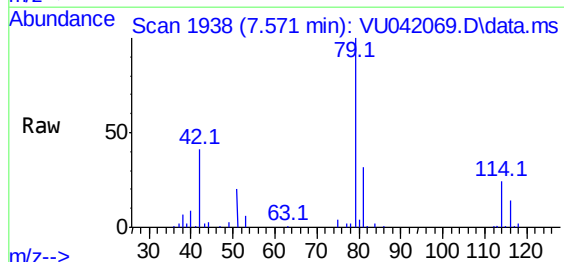
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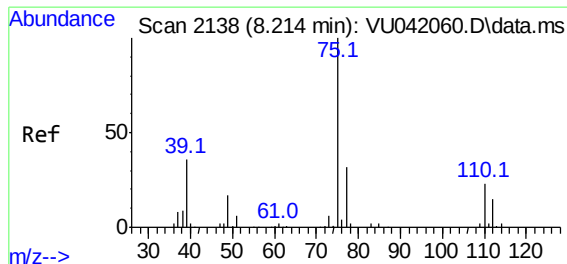
Tgt Ion: 83 Resp: 2369
Ion Ratio Lower Upper
83 100
85 54.0 45.8 85.0
127 0.0 6.1 9.1#



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

Tgt Ion: 75 Resp: 1204
Ion Ratio Lower Upper
75 100
77 52.9 21.9 40.7#



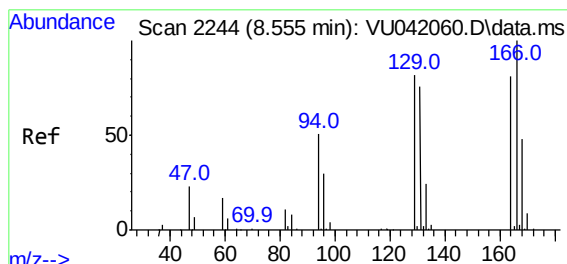
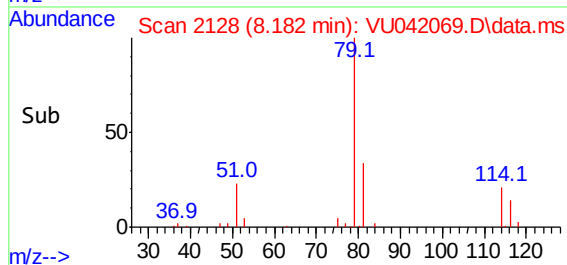
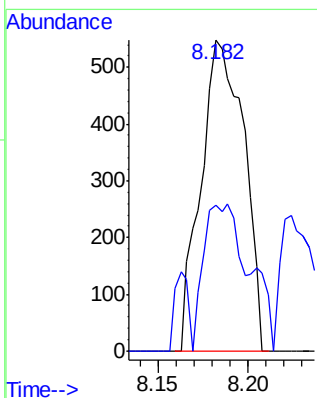
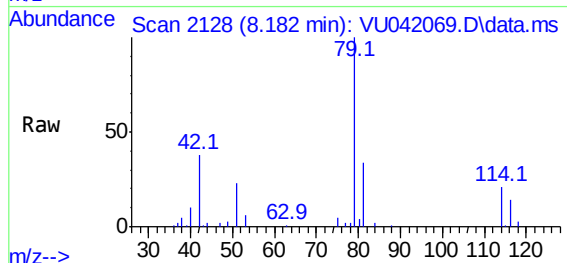


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

Instrument :
MSVOA_U
ClientSampleId :
BFT67DL

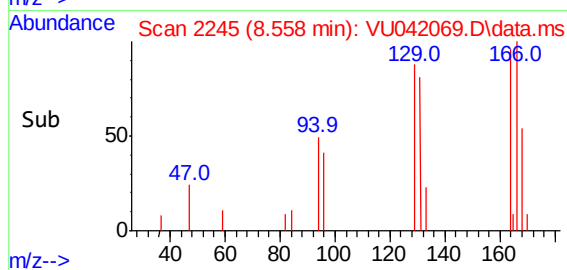
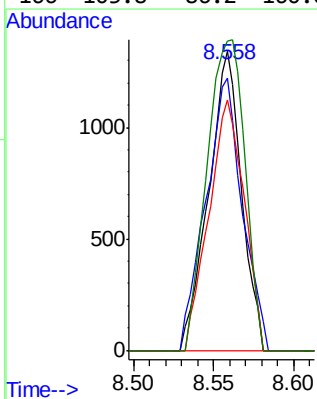
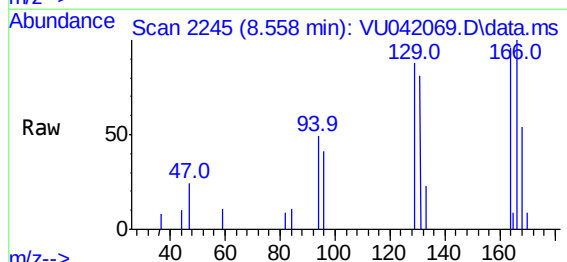
Tgt Ion: 75 Resp: 903
Ion Ratio Lower Upper
75 100
77 47.1 22.0 41.0#

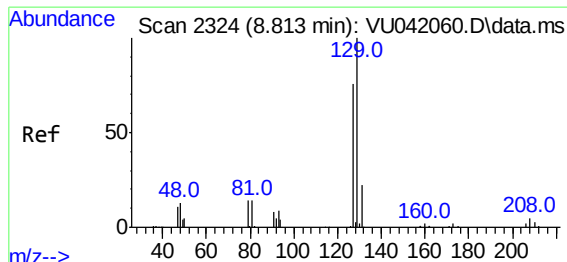


#47

Tetrachloroethene
Concen: 0.28 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

Tgt Ion:164 Resp: 1863
Ion Ratio Lower Upper
164 100
129 91.2 68.7 127.5
131 83.7 65.2 121.0
166 103.8 86.2 160.0

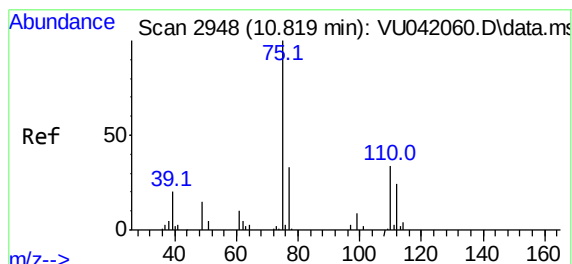
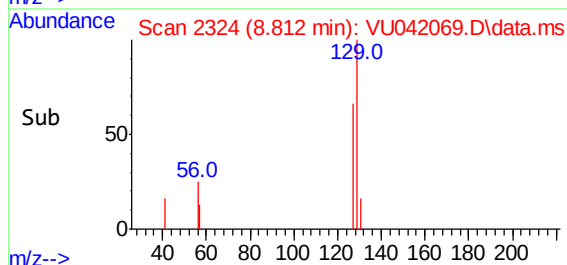
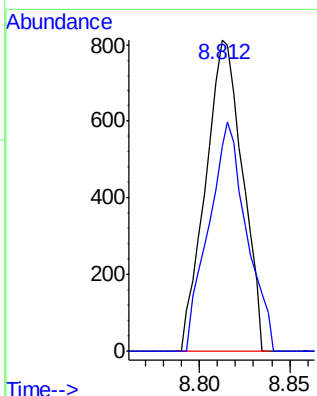
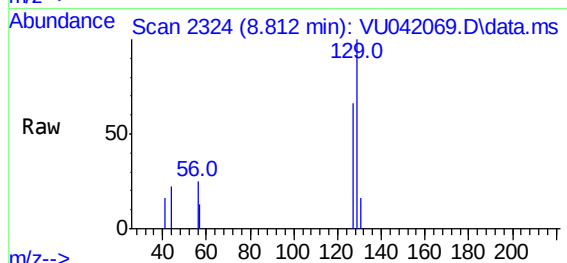




#49
 Dibromochloromethane
 Concen: 0.14 ug/L
 RT: 8.812 min Scan# 2324
 Delta R.T. -0.000 min
 Lab File: VU042069.D
 Acq: 15 Jan 2021 13:37

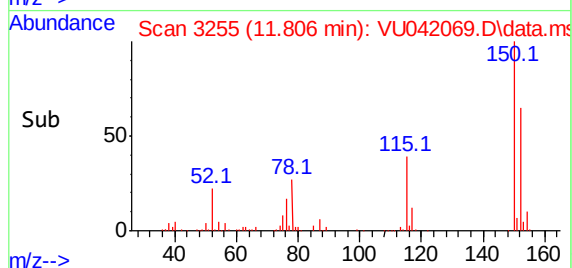
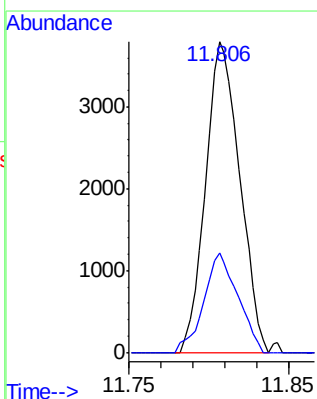
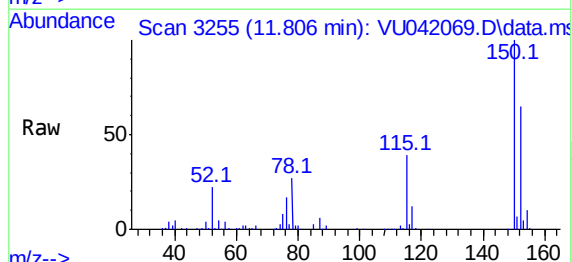
Instrument :
 MSVOA_U
 ClientSampleId :
 BFT67DL

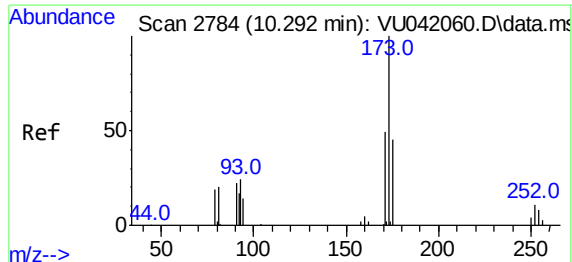
Tgt Ion:129 Resp: 1147
 Ion Ratio Lower Upper
 129 100
 127 65.9 53.7 99.7



#59
 1,2,3-Trichloropropane
 Concen: 0.84 ug/L
 RT: 11.806 min Scan# 3255
 Delta R.T. 0.987 min
 Lab File: VU042069.D
 Acq: 15 Jan 2021 13:37

Tgt Ion: 75 Resp: 5926
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4

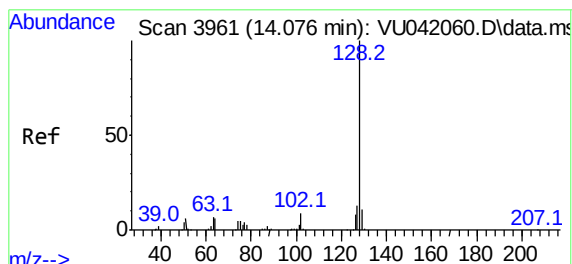
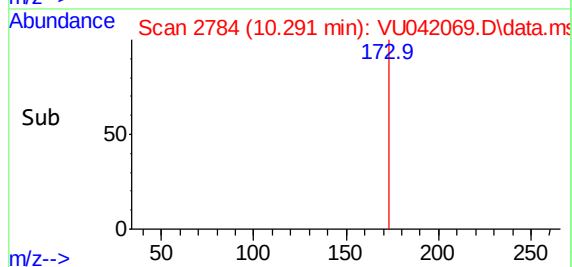
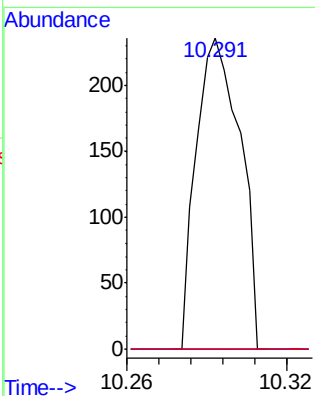
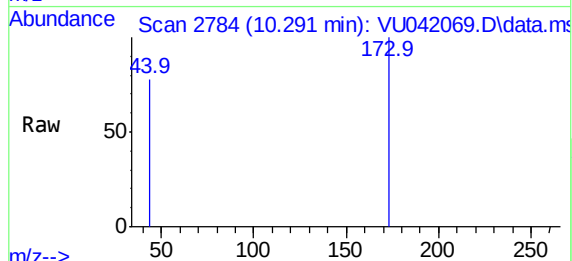




#61
Bromoform
Concen: 0.06 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

Instrument :
MSVOA_U
ClientSampleId :
BFT67DL

Tgt Ion:	173	Resp:	272
Ion Ratio	Lower	Upper	
173	100		
175	0.0	39.1	58.7#
254	0.0	7.2	10.8#



#69
Naphthalene
Concen: 0.45 ug/L
RT: 14.076 min Scan# 3961
Delta R.T. -0.000 min
Lab File: VU042069.D
Acq: 15 Jan 2021 13:37

Tgt Ion:	128	Resp:	7306
Ion Ratio	Lower	Upper	
128	100		
129	8.2	8.7	13.1#
127	12.6	10.5	15.7

