

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042079.D
 Acq On : 15 Jan 2021 18:02
 Operator : SY/MD
 Sample : M1065-17DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP7DL

Quant Time: Jan 16 01:13:32 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	6.259	114	108931	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	125032	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	48287	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34297	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.919	69	41969	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.575	63	57913	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.655	46	169892	61.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.18%
24) Chloroform-d	5.079	84	89252	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.716	65	50522	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.742	84	157377	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.80%
36) 1,2-Dichloropropane-d6	6.700	67	53461	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.60%
41) Toluene-d8	7.906	98	129250	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloroprop...	8.185	79	20869	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.642	63	152260	55.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.48%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	50772	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.188	152	52329	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

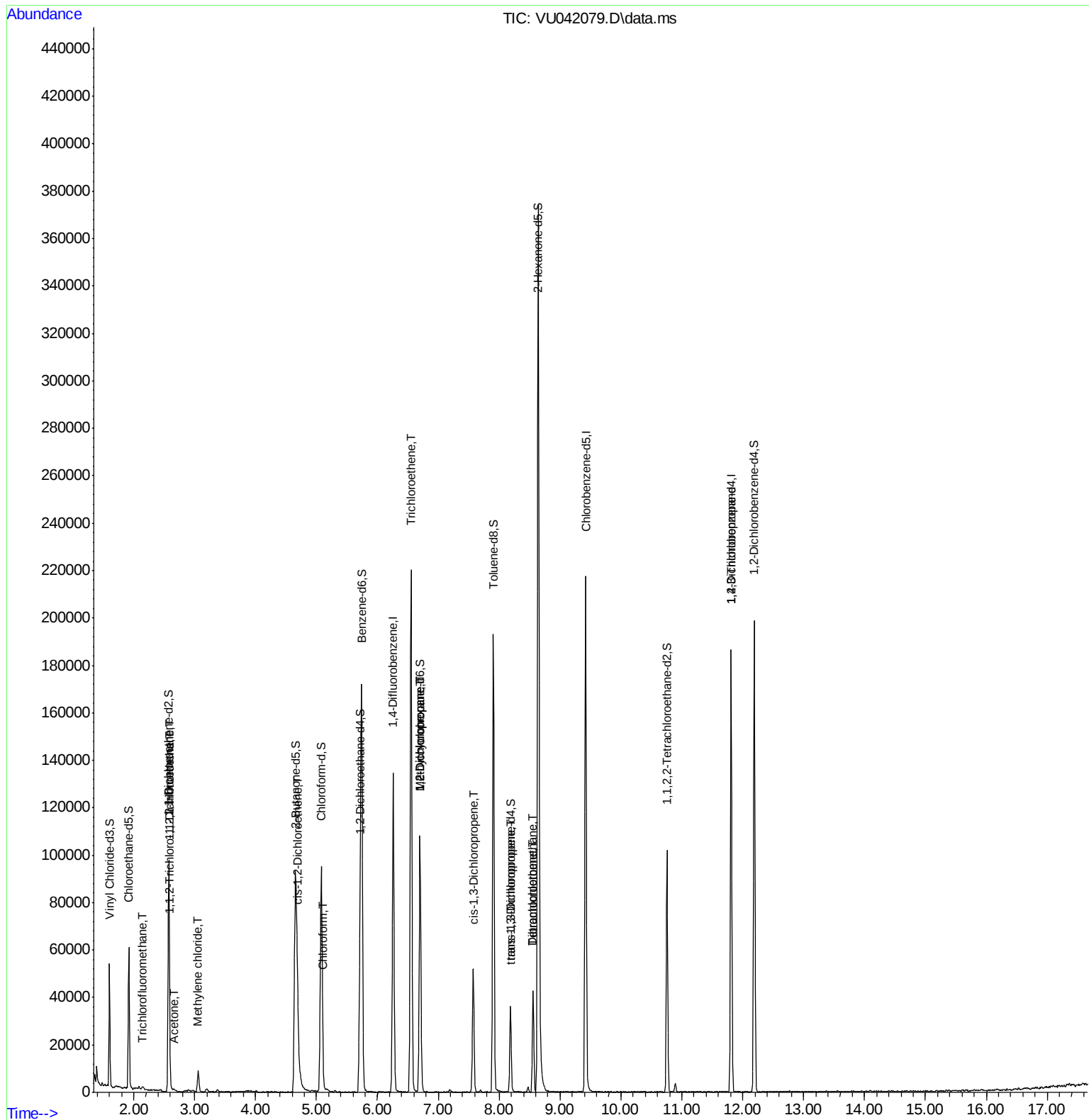
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.147	101	780	0.05	ug/L #	77
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	619	0.07	ug/L #	27
12) 1,1-Dichloroethene	2.581	96	537	0.06	ug/L #	1
13) Acetone	2.665	43	1956	1.13	ug/L	75
16) Methylene chloride	3.057	84	4082	0.41	ug/L	93
22) cis-1,2-Dichloroethene	4.684	96	9124	1.01	ug/L	91
25) Chloroform	5.102	83	2116	0.12	ug/L	83
34) Trichloroethene	6.552	95	77711	6.72	ug/L	97
35) Methylcyclohexane	6.700	83	12878	0.70	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5595	0.47	ug/L #	90
39) cis-1,3-Dichloropropene	7.574	75	1258	0.07	ug/L #	40
44) trans-1,3-Dichloropropene	8.189	75	963	0.06	ug/L #	83
47) Tetrachloroethene	8.555	164	9377	1.25	ug/L	94
49) Dibromochloromethane	8.555	129	10041	1.08	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5718	0.72	ug/L	95

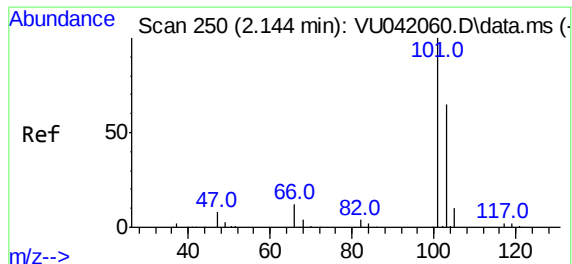
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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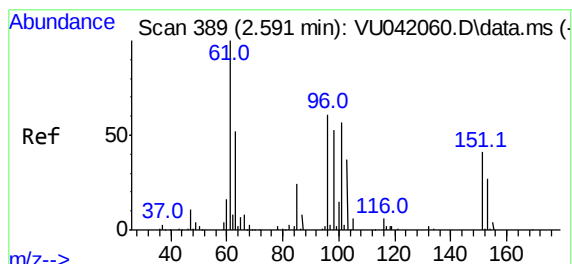
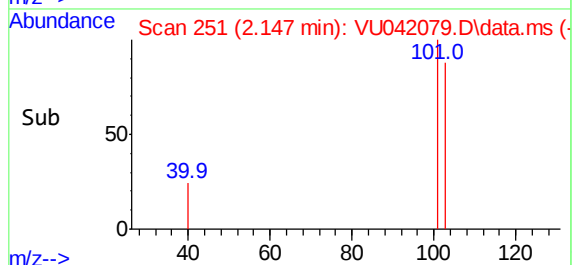
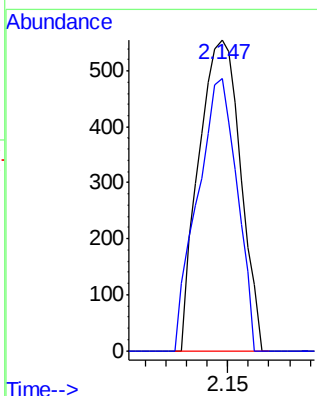
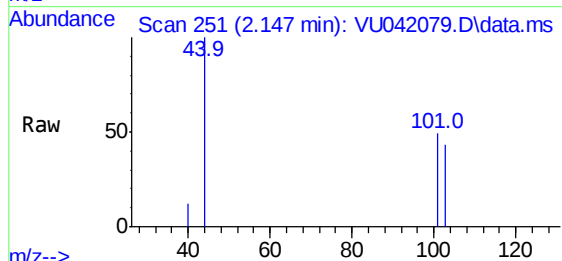




#9
 Trichlorofluoromethane
 Concen: 0.05 ug/L
 RT: 2.147 min Scan# 251
 Delta R.T. 0.003 min
 Lab File: VU042079.D
 Acq: 15 Jan 2021 18:02

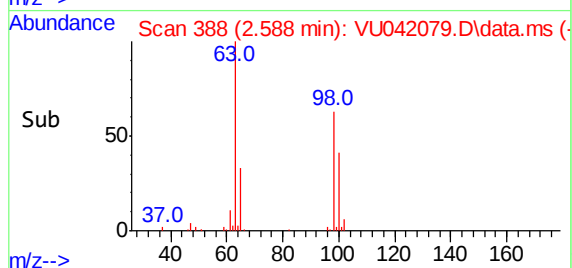
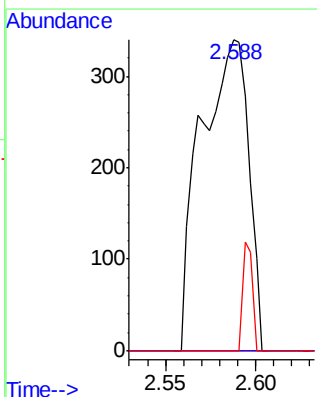
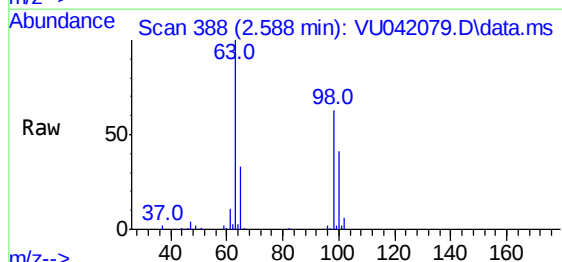
Instrument :
 MSVOA_U
 ClientSampleId :
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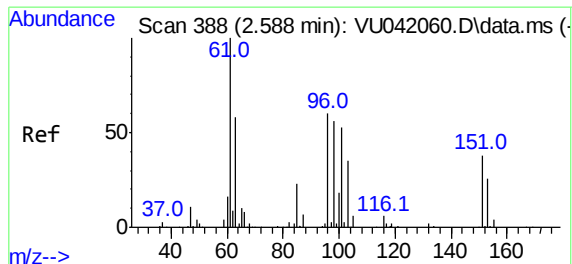
Tgt Ion:101 Resp: 780
 Ion Ratio Lower Upper
 101 100
 103 82.4 51.6 77.4#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.07 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU042079.D
 Acq: 15 Jan 2021 18:02

Tgt Ion:101 Resp: 619
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.9 53.9#
 151 7.1 55.4 83.2#

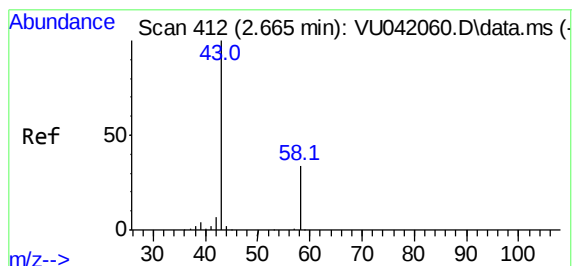
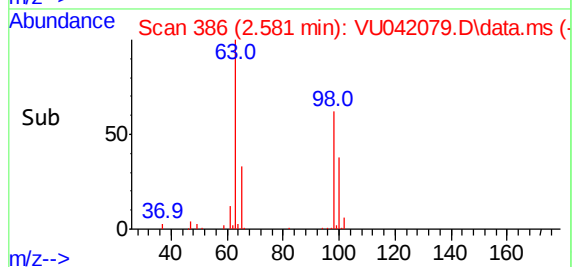
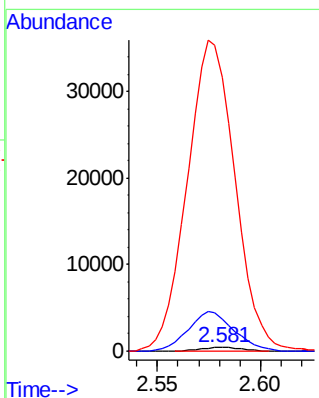
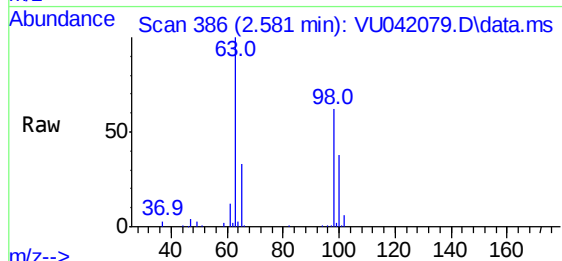




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.007 min
Lab File: VU042079.D
Acq: 15 Jan 2021 18:02

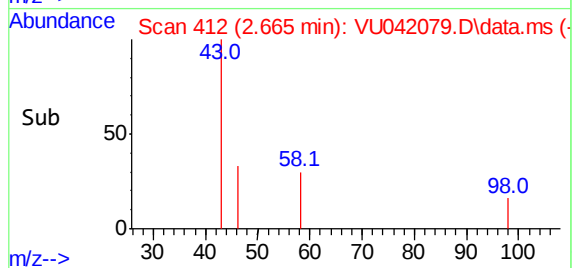
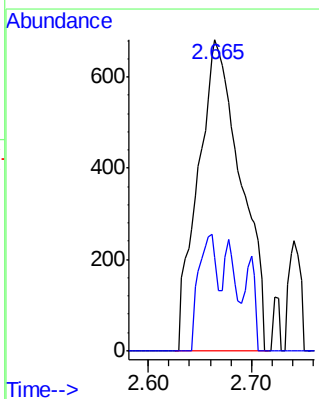
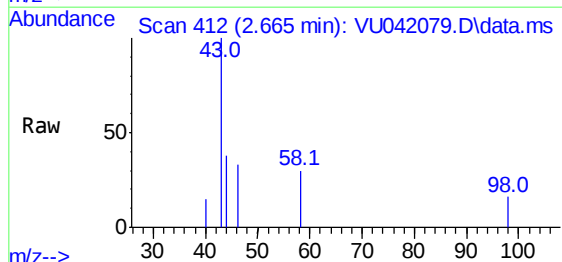
Instrument :
MSVOA_U
ClientSampleId :
BFXP7DL

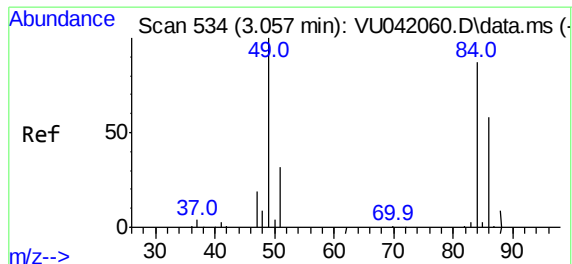
Tgt Ion: 96 Resp: 537
Ion Ratio Lower Upper
96 100
61 944.9 122.2 226.9#
63 8116.9 82.8 153.8#



#13
Acetone
Concen: 1.13 ug/L
RT: 2.665 min Scan# 412
Delta R.T. -0.000 min
Lab File: VU042079.D
Acq: 15 Jan 2021 18:02

Tgt Ion: 43 Resp: 1956
Ion Ratio Lower Upper
43 100
58 15.6 0.0 57.4



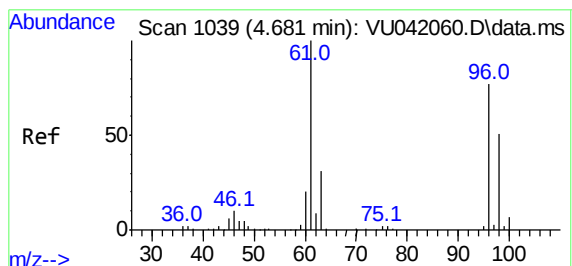
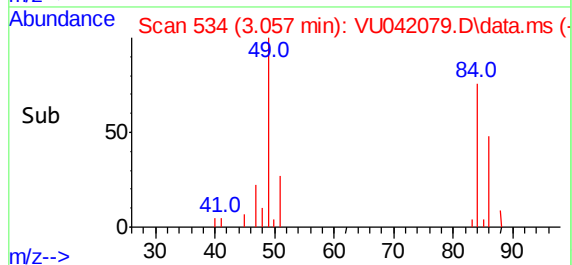
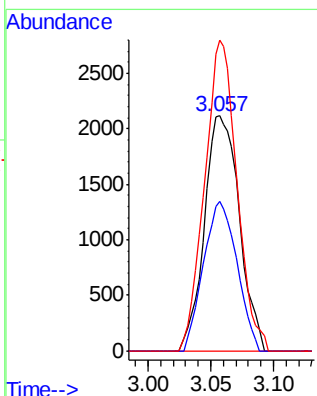
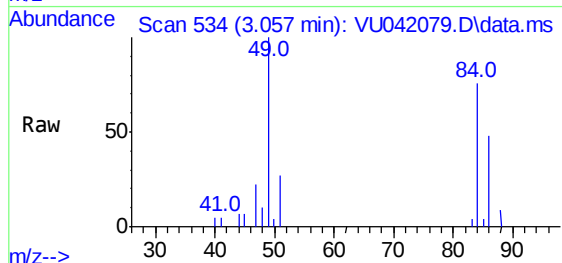


#16
Methylene chloride
Concen: 0.41 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU042079.D
Acq: 15 Jan 2021 18:02

Instrument :
MSVOA_U
ClientSampleId :
BFXP7DL

Tgt Ion: 84 Resp: 4082

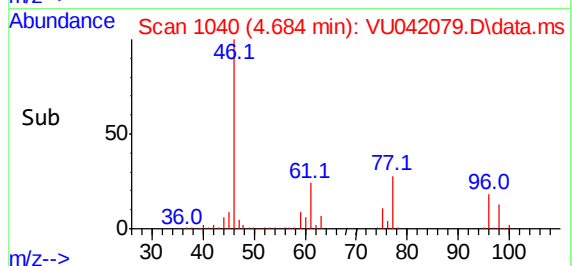
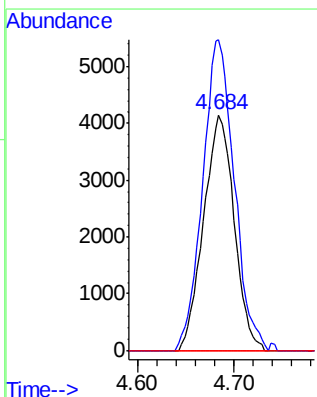
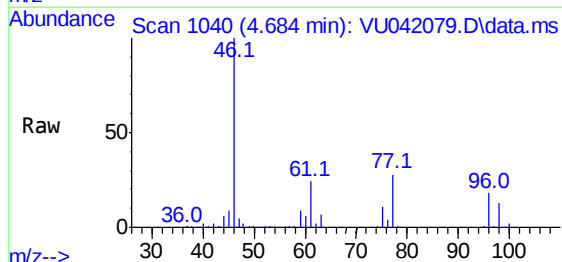
Ion	Ratio	Lower	Upper
84	100		
86	63.5	42.6	79.0
49	132.3	86.2	160.0

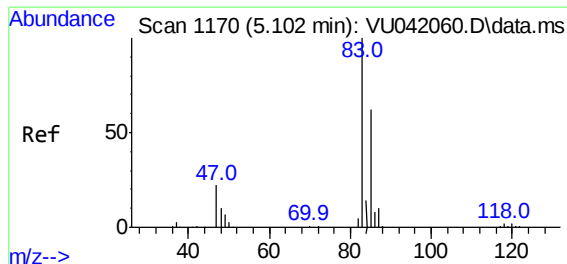


#22
cis-1,2-Dichloroethene
Concen: 1.01 ug/L
RT: 4.684 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VU042079.D
Acq: 15 Jan 2021 18:02

Tgt Ion: 96 Resp: 9124

Ion	Ratio	Lower	Upper
96	100		
61	131.9	100.3	186.3
68	0.0	0.0	0.0

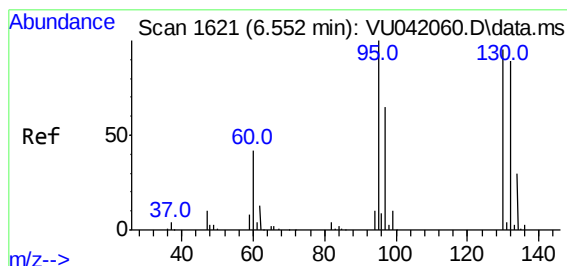
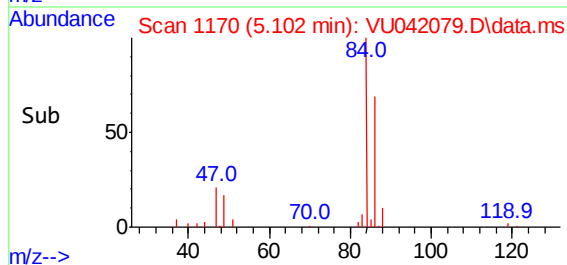
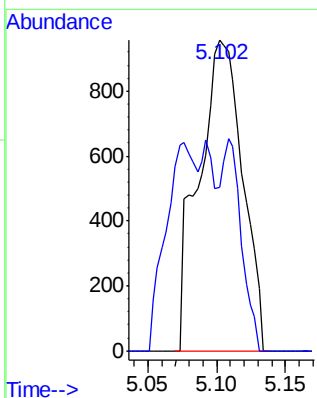
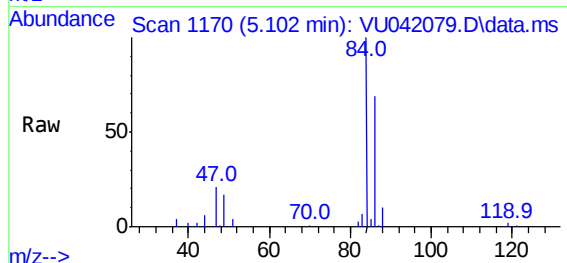




#25
Chloroform
Concen: 0.12 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VU042079.D
Acq: 15 Jan 2021 18:02

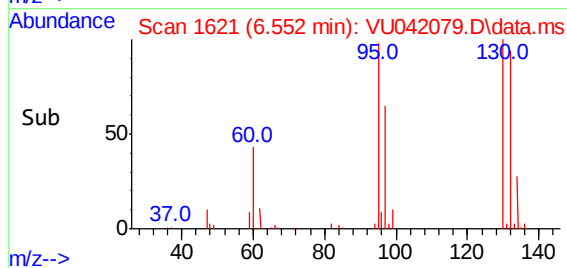
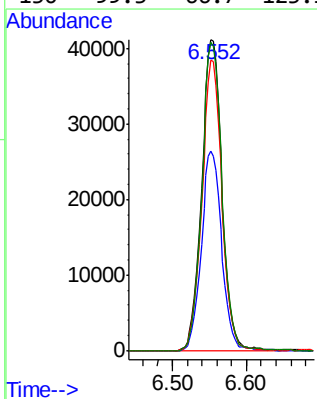
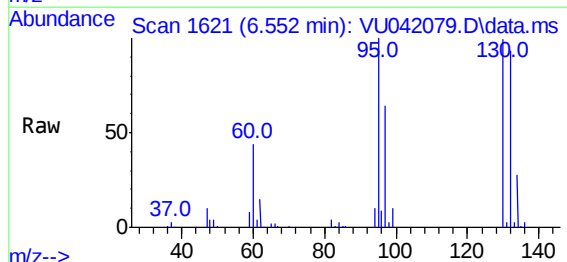
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ClientSampleId :
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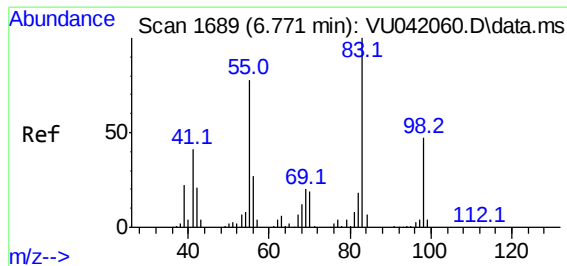
Tgt Ion: 83 Resp: 2116
Ion Ratio Lower Upper
83 100
85 52.6 46.1 85.7



#34
Trichloroethene
Concen: 6.72 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042079.D
Acq: 15 Jan 2021 18:02

Tgt Ion: 95 Resp: 77711
Ion Ratio Lower Upper
95 100
97 64.2 43.6 81.0
132 93.3 64.3 119.3
130 99.3 66.7 123.9

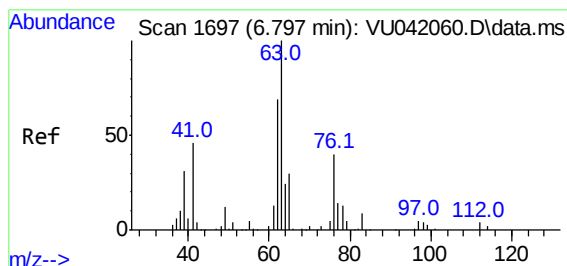
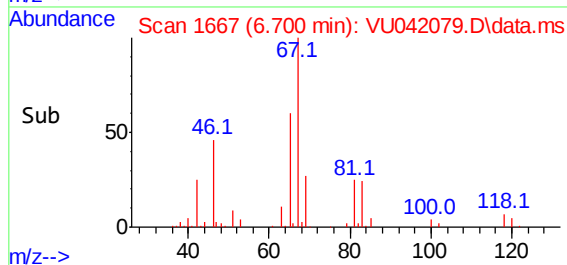
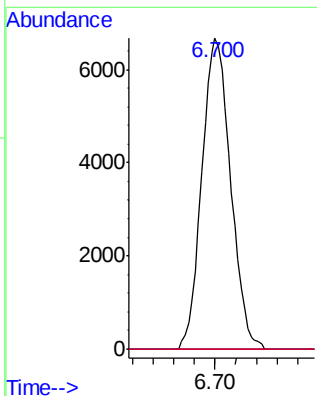
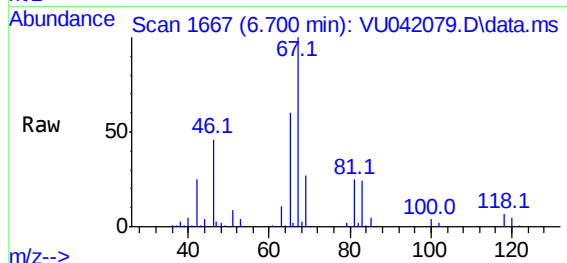




#35
Methylcyclohexane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042079.D
Acq: 15 Jan 2021 18:02

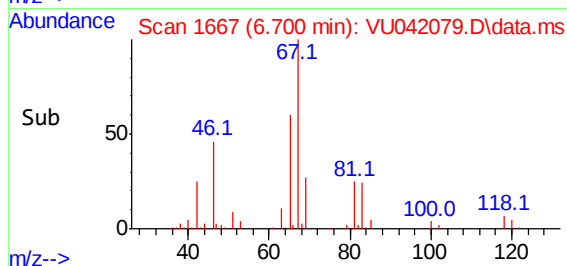
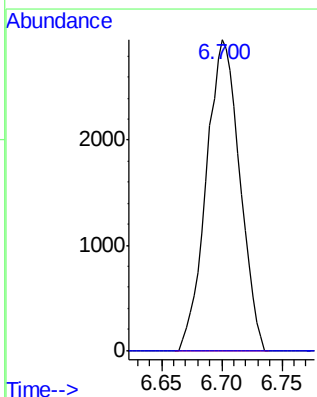
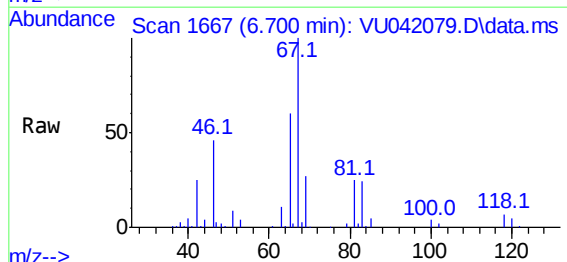
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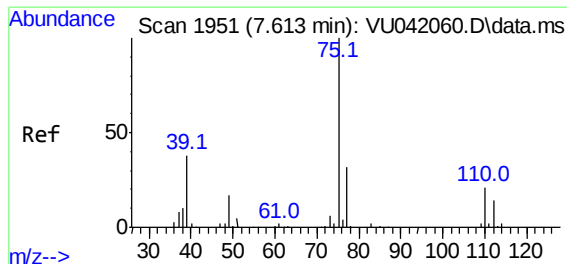
Tgt Ion: 83 Resp: 12878
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 0.0 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.47 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.097 min
Lab File: VU042079.D
Acq: 15 Jan 2021 18:02

Tgt Ion: 63 Resp: 5595
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

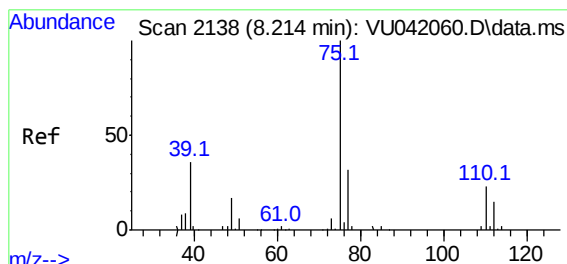
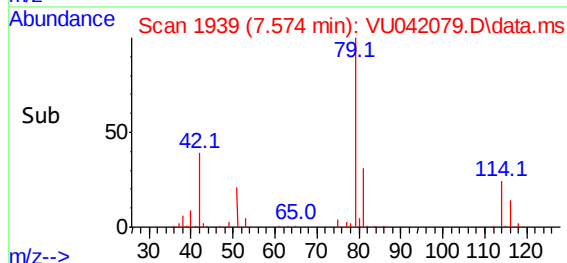
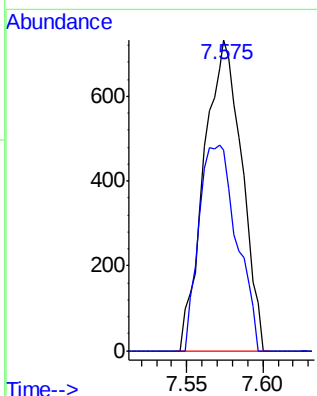
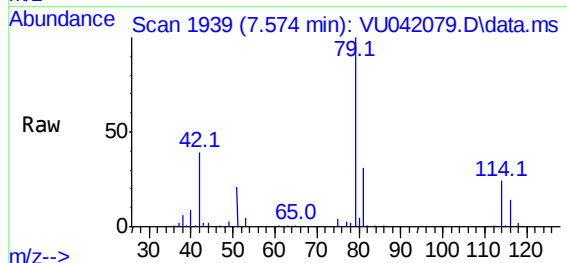




#39
cis-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU042079.D
Acq: 15 Jan 2021 18:02

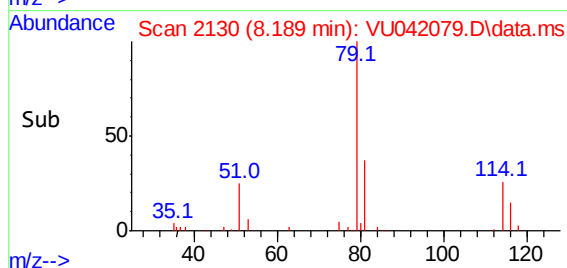
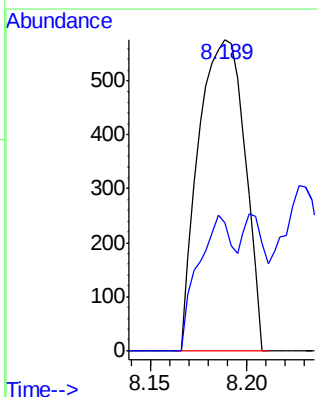
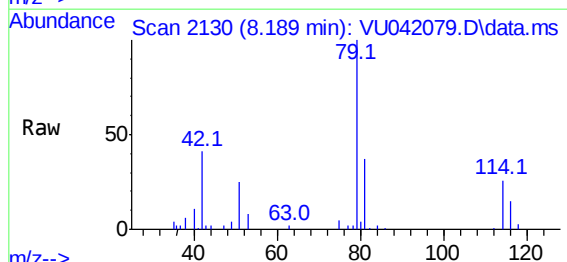
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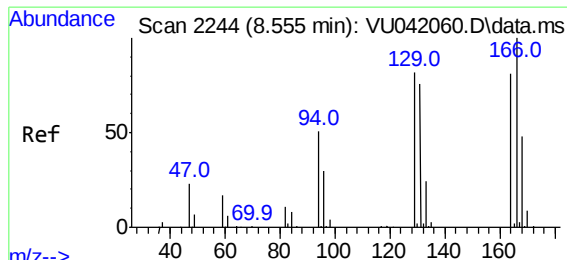
Tgt Ion: 75 Resp: 1258
Ion Ratio Lower Upper
75 100
77 64.5 21.9 40.7#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.026 min
Lab File: VU042079.D
Acq: 15 Jan 2021 18:02

Tgt Ion: 75 Resp: 963
Ion Ratio Lower Upper
75 100
77 41.1 22.0 41.0#





#47

Tetrachloroethene

Concen: 1.25 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU042079.D

Acq: 15 Jan 2021 18:02

Instrument :

MSVOA_U

ClientSampleId :

BFXP7DL

Tgt Ion:164 Resp: 9377

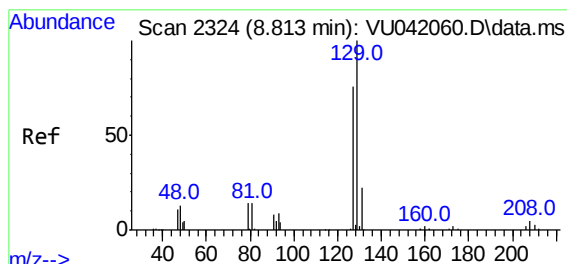
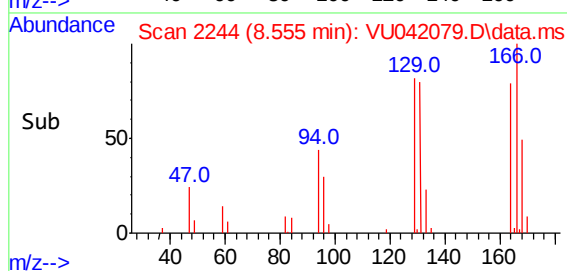
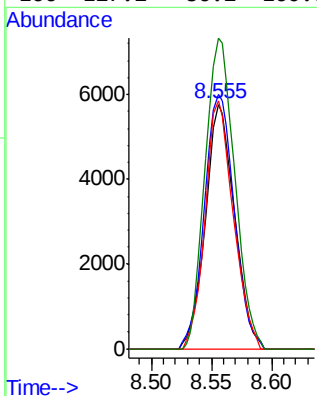
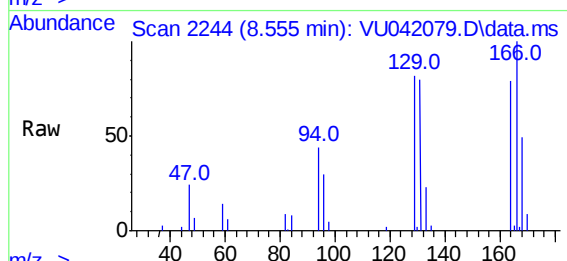
Ion Ratio Lower Upper

164 100

129 104.1 68.7 127.5

131 101.8 65.2 121.0

166 127.2 86.2 160.0



#49

Dibromochloromethane

Concen: 1.08 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU042079.D

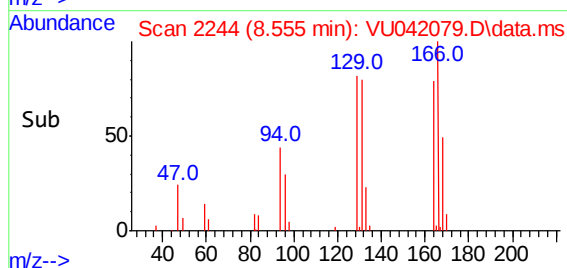
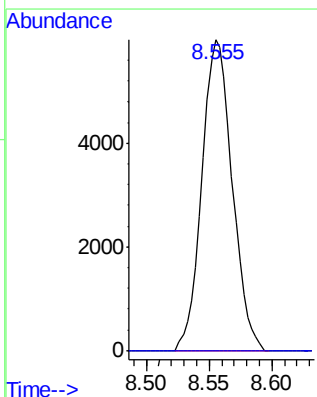
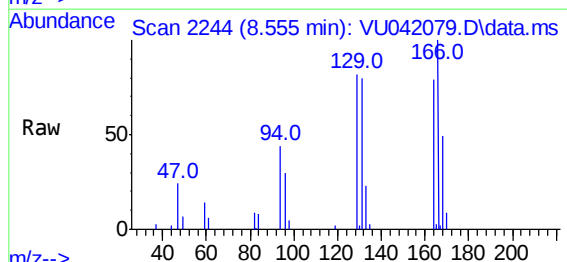
Acq: 15 Jan 2021 18:02

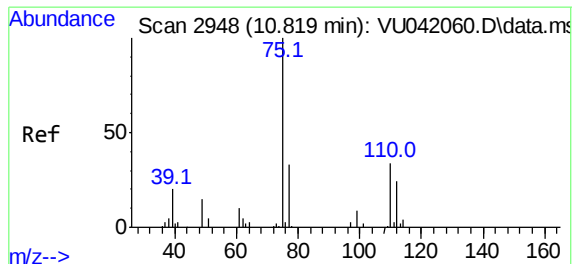
Tgt Ion:129 Resp: 10041

Ion Ratio Lower Upper

129 100

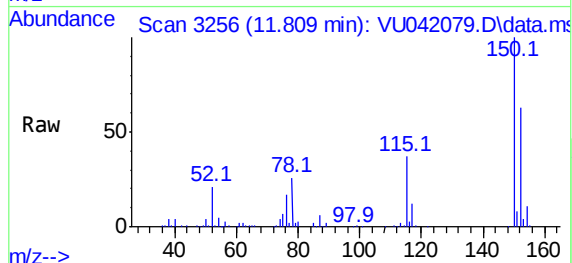
127 0.0 53.7 99.7#





#59
 1,2,3-Trichloropropane
 Concen: 0.72 ug/L
 RT: 11.809 min Scan# 3256
 Delta R.T. 0.990 min
 Lab File: VU042079.D
 Acq: 15 Jan 2021 18:02

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP7DL



Tgt Ion: 75 Resp: 5718
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.6 38.4

