

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\WU021622\
 Data File : WU047160.D
 Acq On : 16 Feb 2022 14:51
 Operator : SY/MD
 Sample : N1545-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 16 15:12:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	180339	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	183747	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	106575	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	81380	5.34	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	106.80%	
7) Chloroethane-d5	1.919	69	63151	5.23	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.60%	
11) 1,1-Dichloroethene-d2	2.575	65	33273	5.28	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	105.60%	
20) 2-Butanone-d5	4.652	46	219390	60.26	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.52%	
24) Chloroform-d	5.070	84	132658	5.24	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.80%	
26) 1,2-Dichloroethane-d4	5.706	65	72715	5.17	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.40%	
32) Benzene-d6	5.732	84	280758	5.47	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.40%	
36) 1,2-Dichloropropane-d6	6.693	67	89391	5.47	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.40%	
41) Toluene-d8	7.902	98	270546	5.39	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.80%	
43) trans-1,3-Dichloroprop...	8.182	79	37797	5.10	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.00%	
46) 2-Hexanone-d5	8.635	63	200584	51.44	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.88%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	74595	5.02	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.40%	
66) 1,2-Dichlorobenzene-d4	12.195	152	103193	5.40	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.00%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	993	0.08	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	1780	0.15	ug/L #	1
13) Acetone	2.681	43	7488	4.11	ug/L #	39
19) 1,1-Dichloroethane	3.877	63	25607	1.14	ug/L	96
21) 2-Butanone	4.742	43	7370	2.15	ug/L	84
22) cis-1,2-Dichloroethene	4.674	96	7375	0.53	ug/L	97
25) Chloroform	5.095	83	20512	0.87	ug/L	100
33) Benzene	5.777	78	5071	0.10	ug/L	100
34) Trichloroethene	6.546	95	39326	2.82	ug/L	95
35) Methylcyclohexane	6.693	83	20452	0.87	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	9493	0.70	ug/L #	88
38) Bromodichloromethane	7.108	83	9759	0.57	ug/L #	96
39) cis-1,3-Dichloropropene	7.571	75	2535	0.12	ug/L #	33
42) Toluene	7.973	91	11634	0.20	ug/L	96
47) Tetrachloroethene	8.555	164	18744	1.66	ug/L	95
49) Dibromochloromethane	8.812	129	8162	0.65	ug/L	96
59) Bromoform	10.295	173	2552	0.33	ug/L	95

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Instrument :
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Quant Time: Feb 16 15:12:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 16 13:52:04 2022
Response via : Initial Calibration

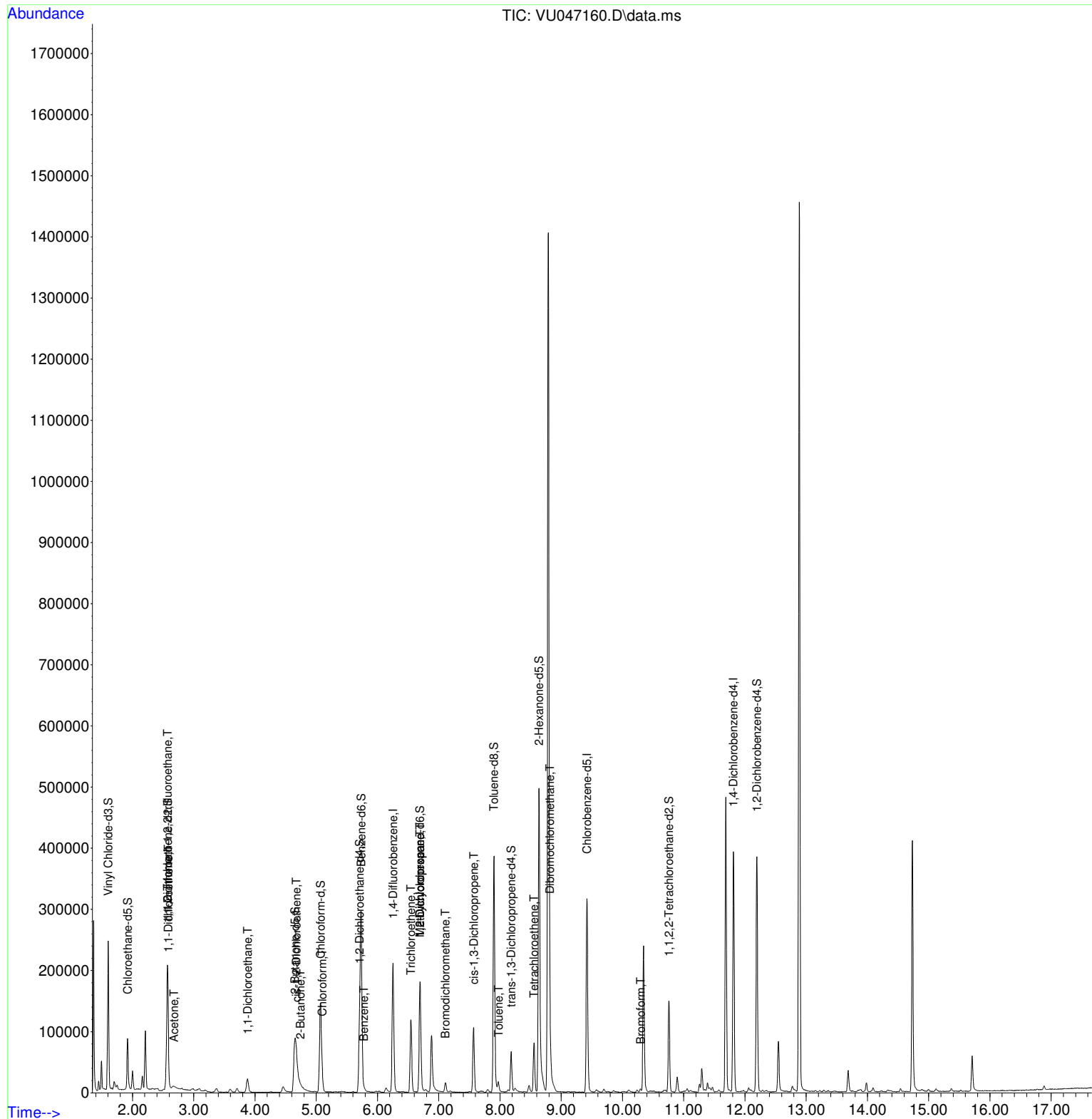
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

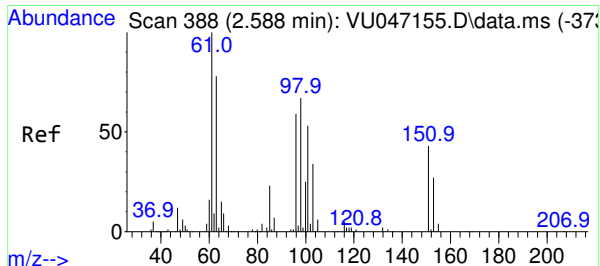
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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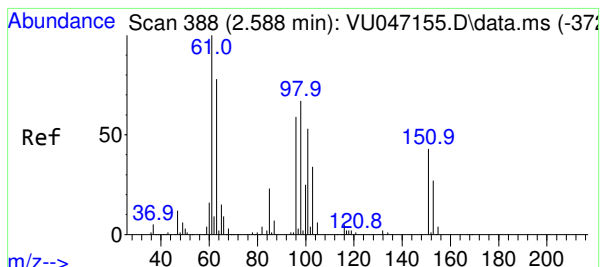
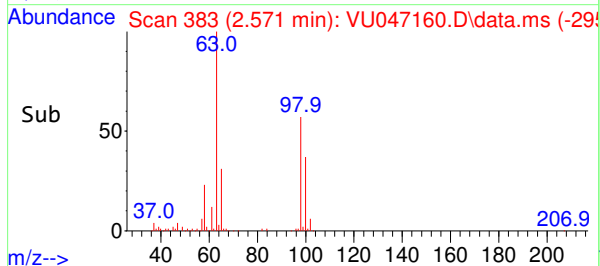
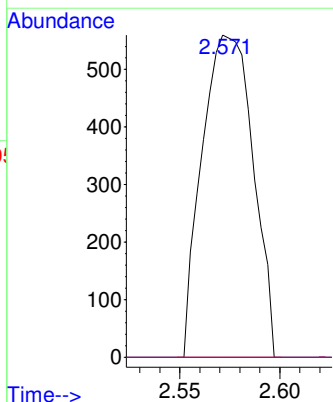
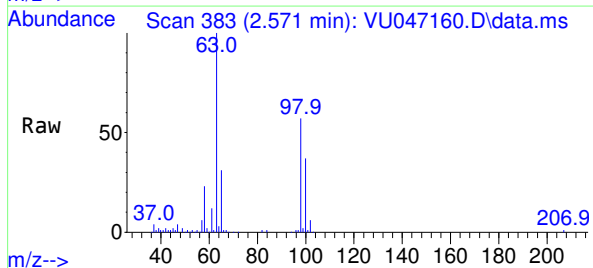




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.08 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU047160.D
 Acq: 16 Feb 2022 14:51

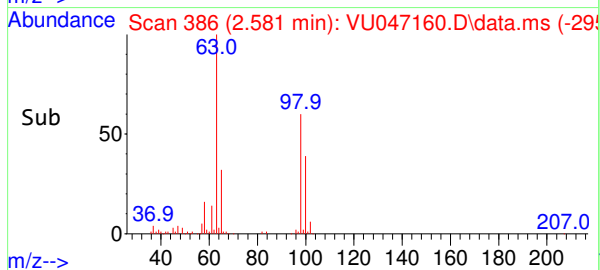
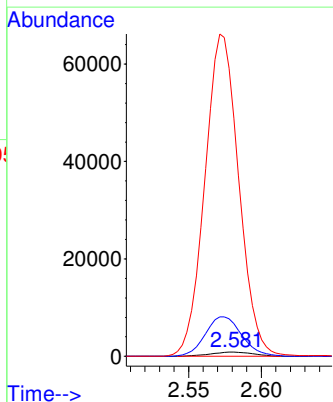
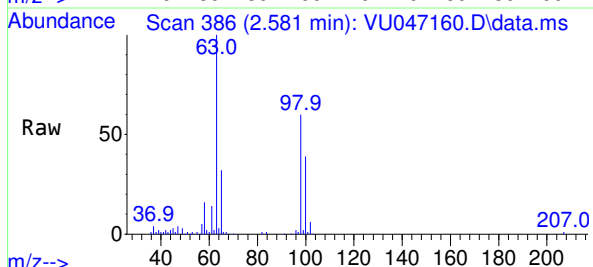
Instrument :
 MSVOA_U
 ClientSampleId :

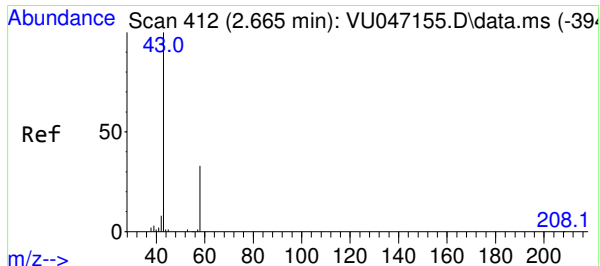
Tgt Ion: 101 Resp: 993
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.15 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.007 min
 Lab File: VU047160.D
 Acq: 16 Feb 2022 14:51

Tgt Ion: 96 Resp: 1780
 Ion Ratio Lower Upper
 96 100
 61 774.8 124.7 231.5#
 63 5620.2 105.2 195.4#

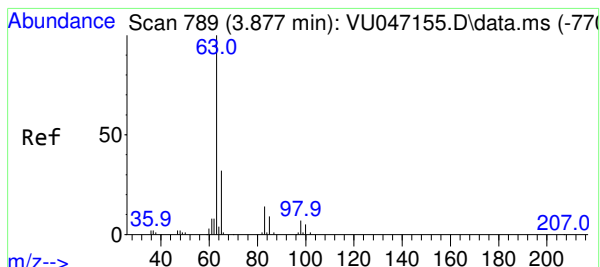
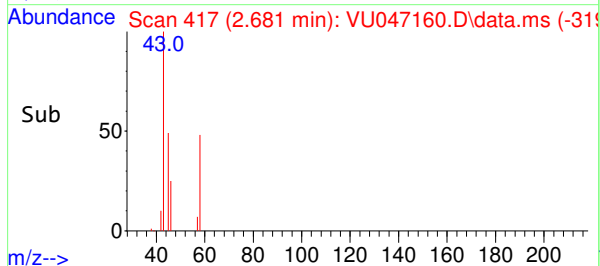
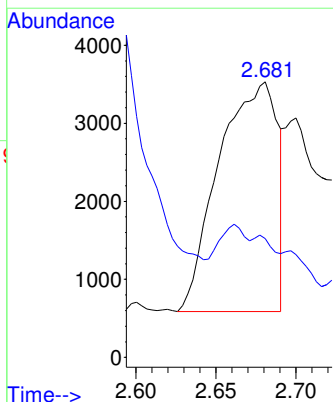
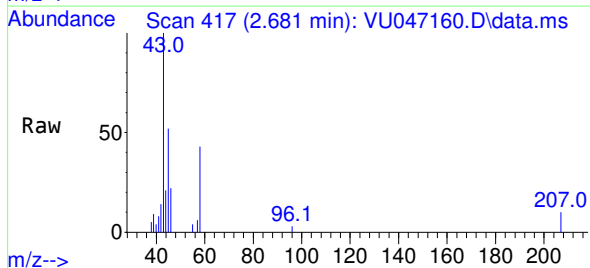




#13
Acetone
Concen: 4.11 ug/L
RT: 2.681 min Scan# 412
Delta R.T. 0.016 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

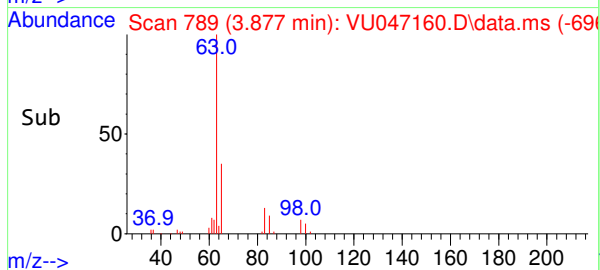
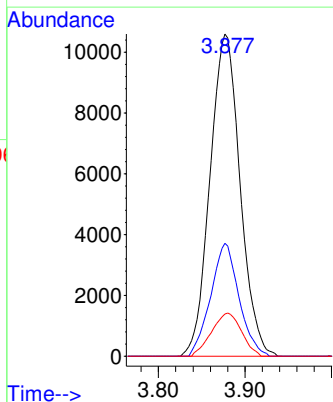
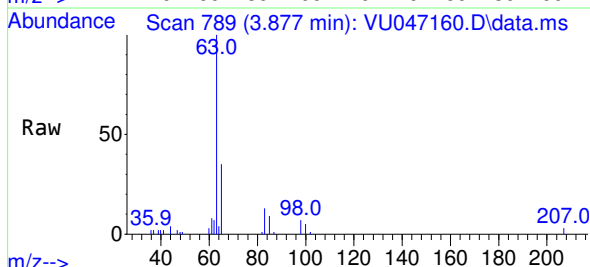
Instrument :
MSVOA_U
ClientSampleId :

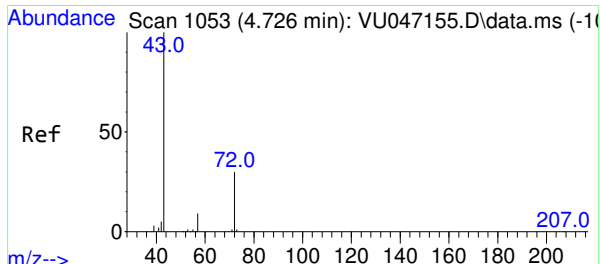
Tgt Ion: 43 Resp: 7488
Ion Ratio Lower Upper
43 100
58 0.0 0.0 71.6



#19
1,1-Dichloroethane
Concen: 1.14 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

Tgt Ion: 63 Resp: 25607
Ion Ratio Lower Upper
63 100
65 35.1 22.3 41.5
83 13.1 9.6 17.8

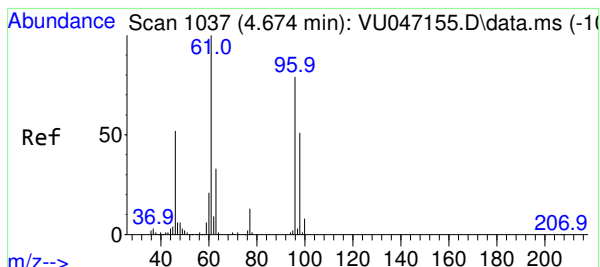
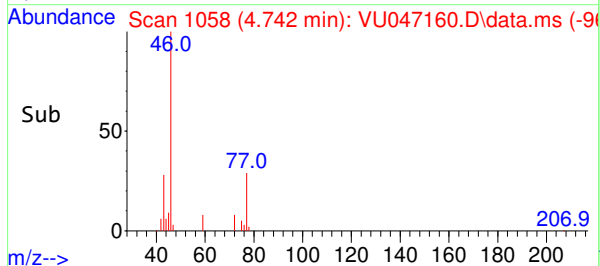
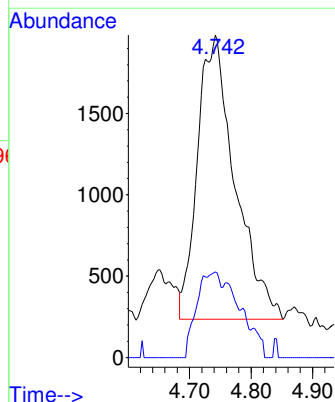
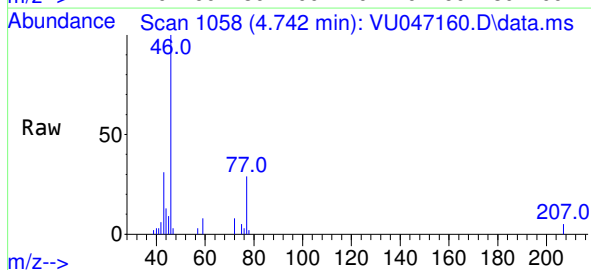




#21
2-Butanone
Concen: 2.15 ug/L
RT: 4.742 min Scan# 1
Delta R.T. 0.016 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

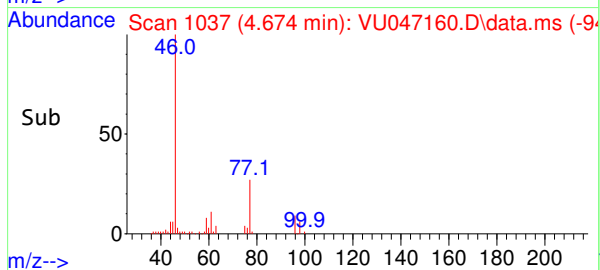
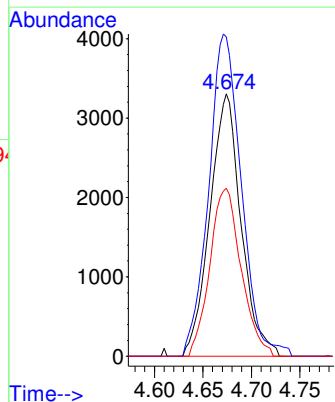
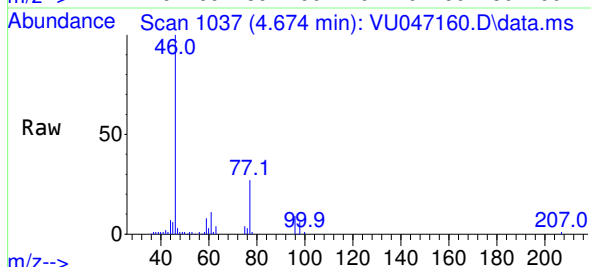
Instrument :
MSVOA_U
ClientSampleId :

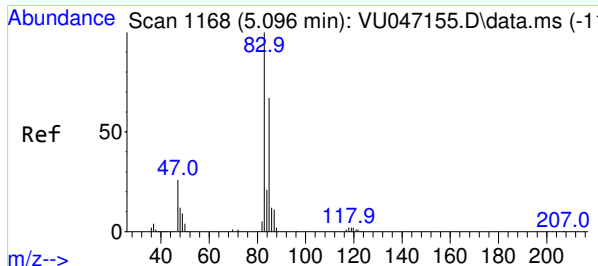
Tgt Ion: 43 Resp: 7370
Ion Ratio Lower Upper
43 100
72 20.0 14.1 42.3



#22
cis-1,2-Dichloroethene
Concen: 0.53 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

Tgt Ion: 96 Resp: 7375
Ion Ratio Lower Upper
96 100
61 121.7 88.5 164.3
98 64.1 44.4 82.5

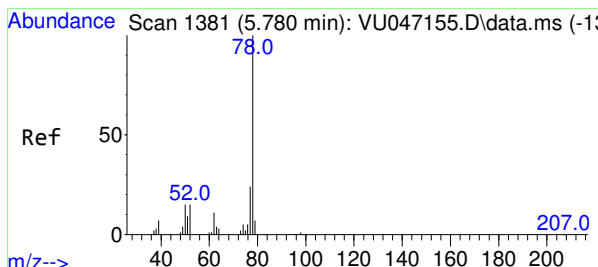
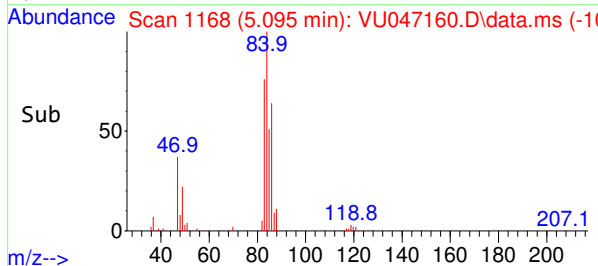
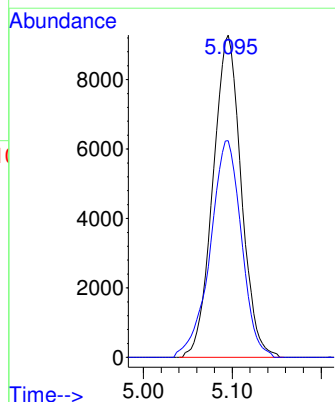
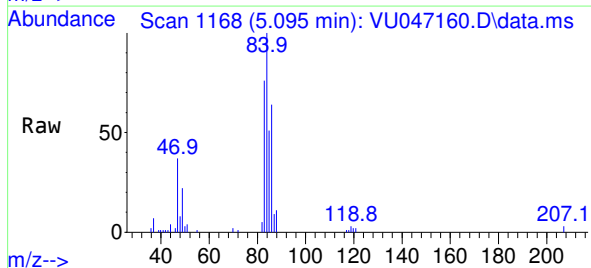




#25
Chloroform
Concen: 0.87 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

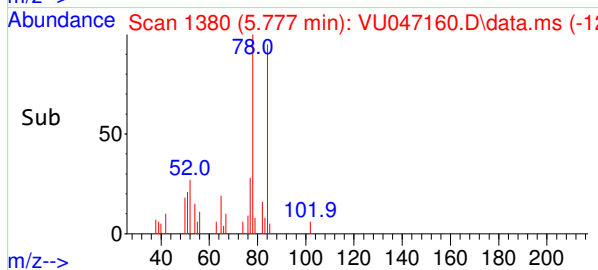
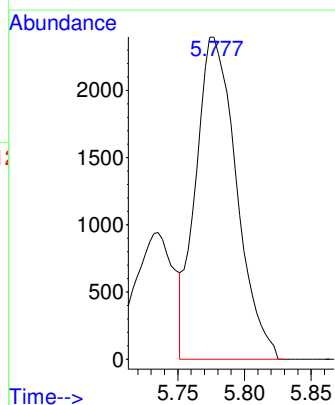
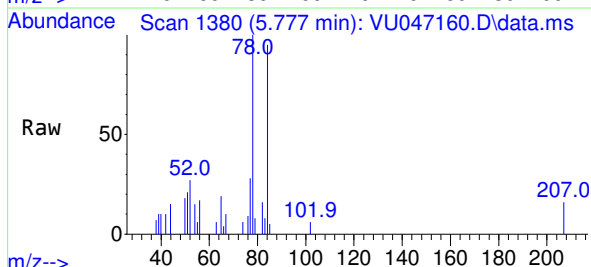
Instrument :
MSVOA_U
ClientSampleId :

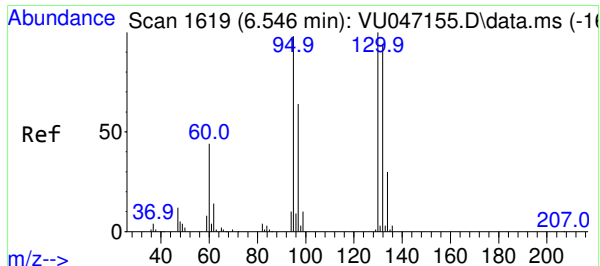
Tgt Ion: 83 Resp: 20512
Ion Ratio Lower Upper
83 100
85 67.2 46.9 87.1



#33
Benzene
Concen: 0.10 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

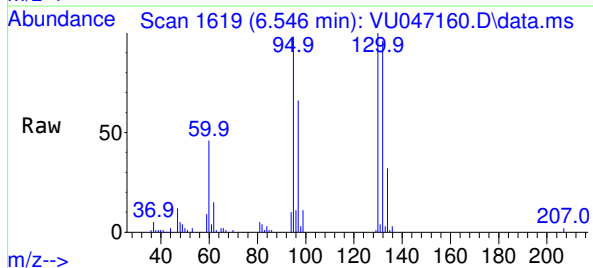
Tgt Ion: 78 Resp: 5071



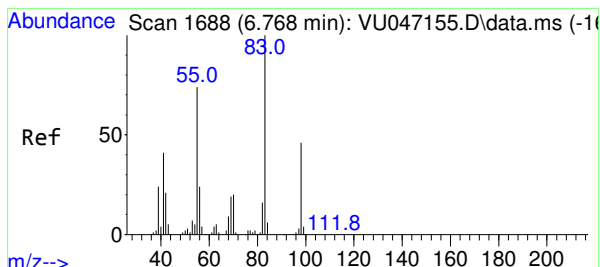
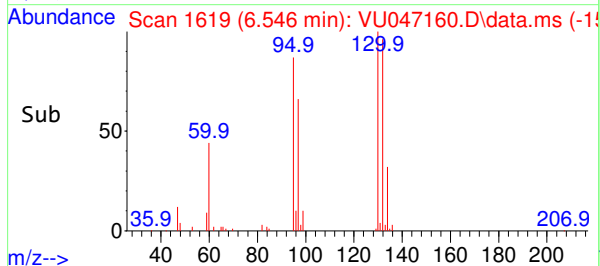
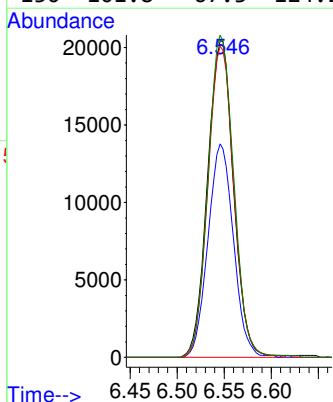


#34
Trichloroethene
Concen: 2.82 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :

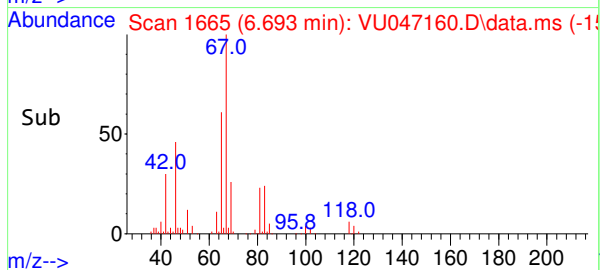
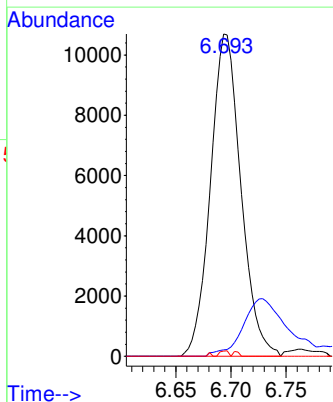
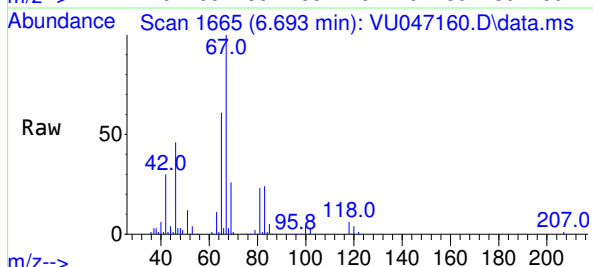


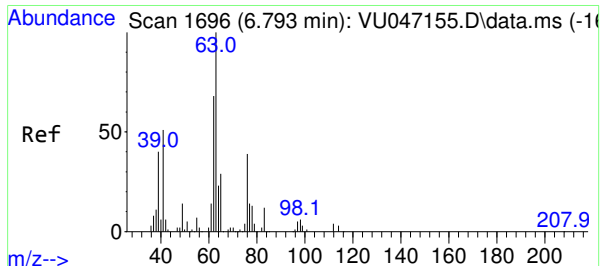
Tgt Ion:	95	Resp:	39326
Ion	Ratio	Lower	Upper
95	100		
97	67.5	46.5	86.5
132	98.2	65.1	120.9
130	101.8	67.3	124.9



#35
Methylcyclohexane
Concen: 0.87 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047160.D
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Tgt Ion:	83	Resp:	20452
Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	0.5	39.0	58.6#

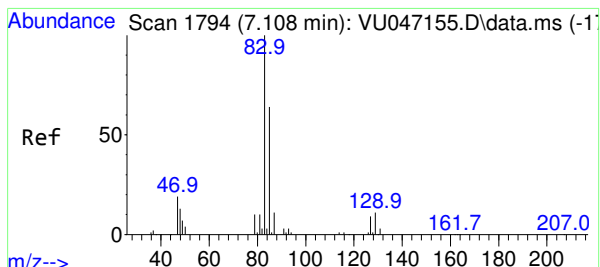
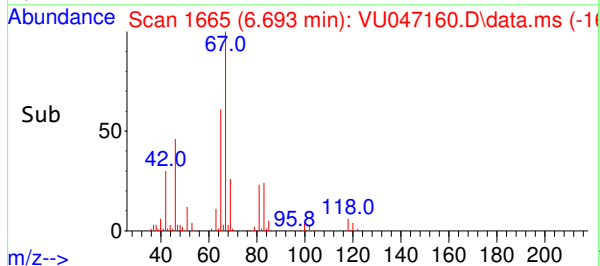
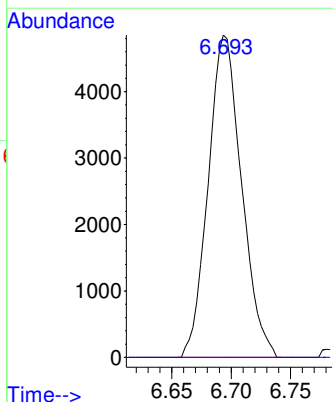
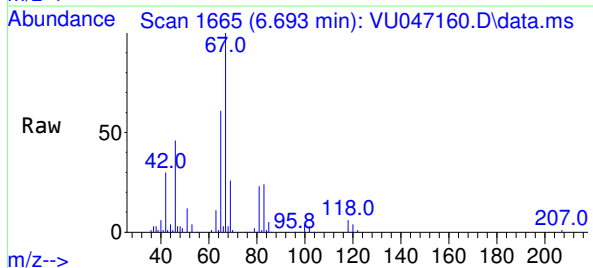




#37
1,2-Dichloropropane
Concen: 0.70 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

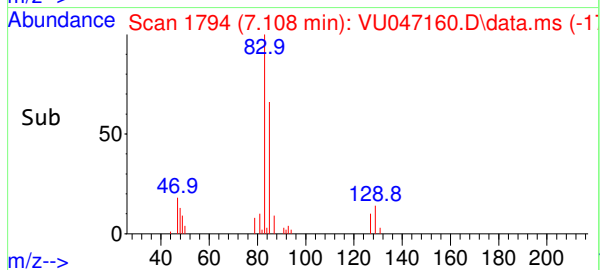
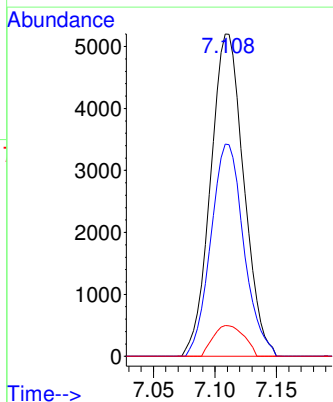
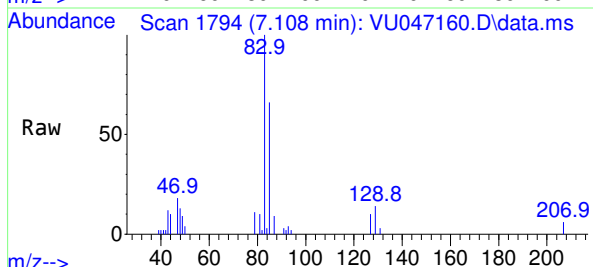
Instrument :
MSVOA_U
ClientSampleId :

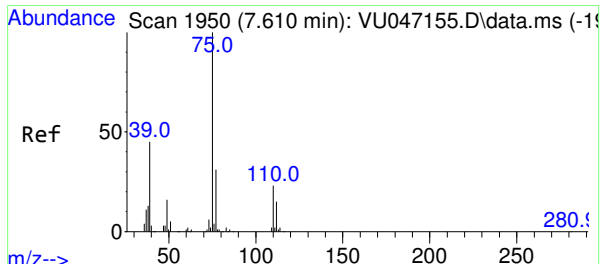
Tgt Ion: 63 Resp: 9493
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#38
Bromodichloromethane
Concen: 0.57 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

Tgt Ion: 83 Resp: 9759
Ion Ratio Lower Upper
83 100
85 65.8 44.0 81.8
127 9.6 6.3 9.5#

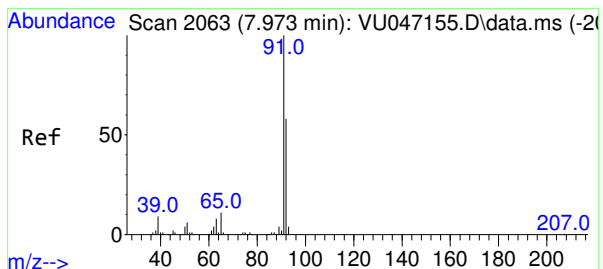
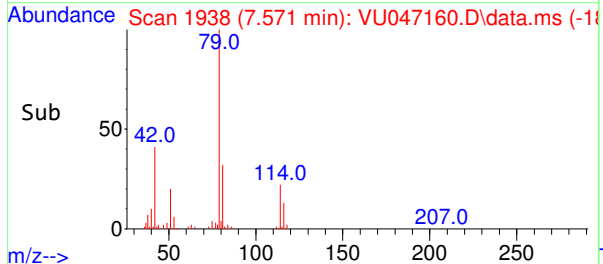
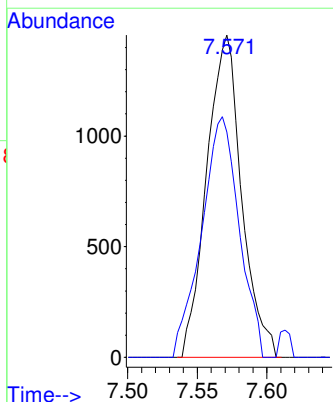
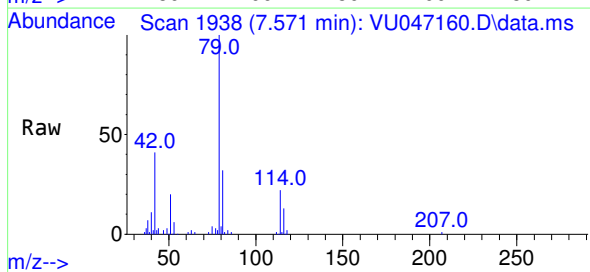




#39
 cis-1,3-Dichloropropene
 Concen: 0.12 ug/L
 RT: 7.571 min Scan# 1
 Delta R.T. -0.039 min
 Lab File: VU047160.D
 Acq: 16 Feb 2022 14:51

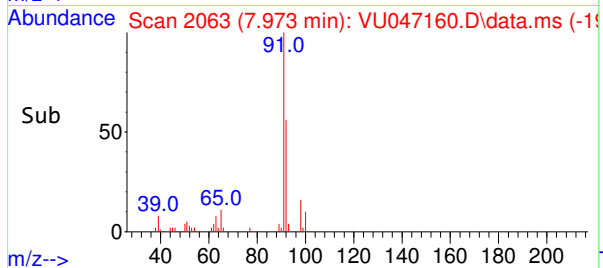
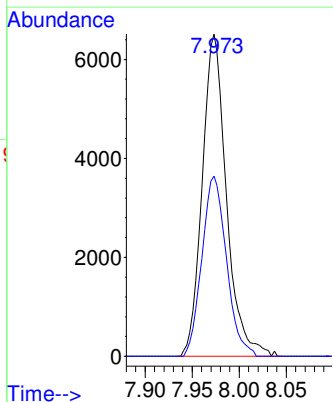
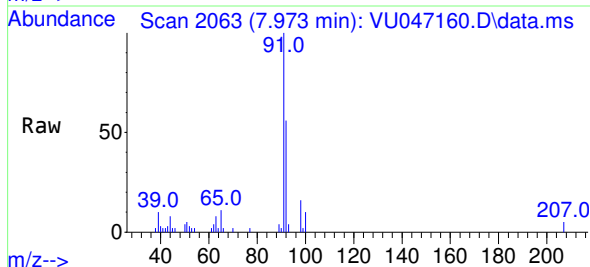
Instrument :
 MSVOA_U
 ClientSampleId :

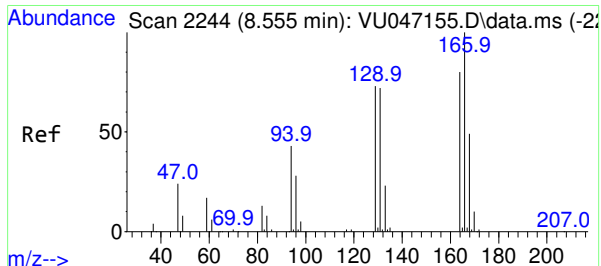
Tgt Ion: 75 Resp: 2535
 Ion Ratio Lower Upper
 75 100
 77 69.9 22.5 41.9#



#42
 Toluene
 Concen: 0.20 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. -0.000 min
 Lab File: VU047160.D
 Acq: 16 Feb 2022 14:51

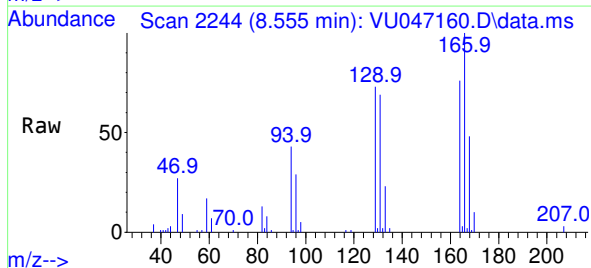
Tgt Ion: 91 Resp: 11634
 Ion Ratio Lower Upper
 91 100
 92 55.9 41.3 76.7



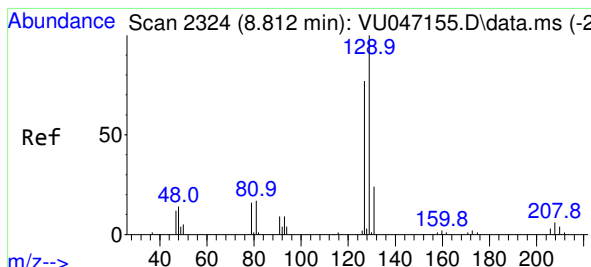
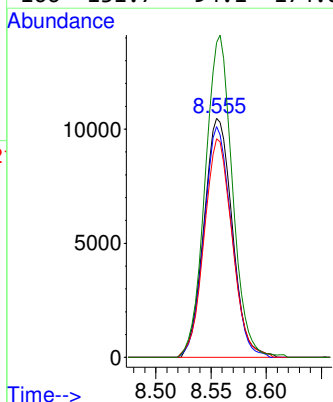
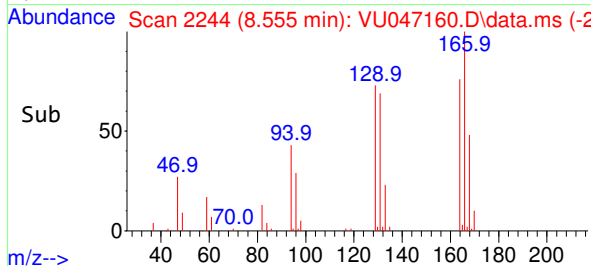


#47
Tetrachloroethene
Concen: 1.66 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :

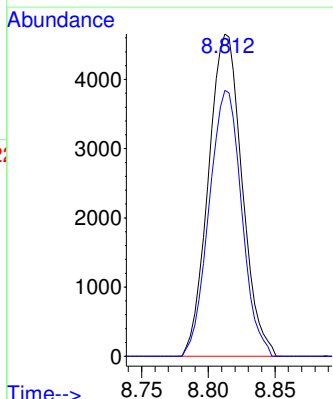
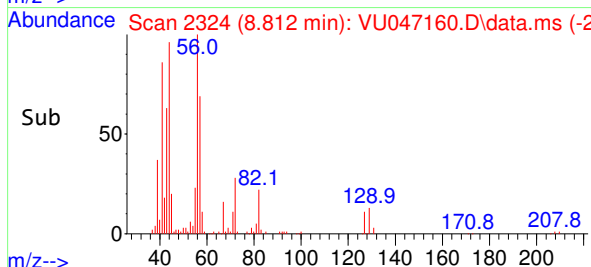
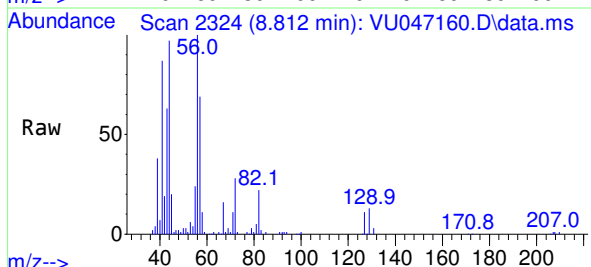


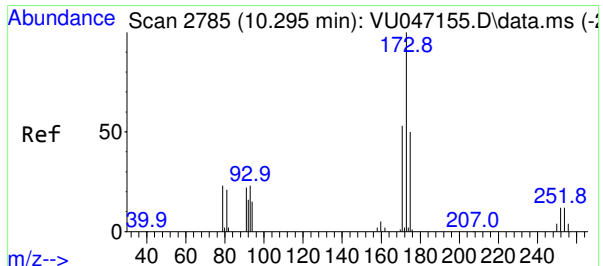
Tgt Ion:164 Resp: 18744
Ion Ratio Lower Upper
164 100
129 96.5 71.8 133.4
131 91.4 68.5 127.3
166 131.7 94.1 174.8



#49
Dibromochloromethane
Concen: 0.65 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

Tgt Ion:129 Resp: 8162
Ion Ratio Lower Upper
129 100
127 82.5 55.4 102.8





#59
 Bromoform
 Concen: 0.33 ug/L
 RT: 10.295 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VU047160.D
 Acq: 16 Feb 2022 14:51

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	173	Resp:	2552
Ion	Ratio	Lower	Upper
173	100		
175	43.8	37.8	56.6
254	9.8	7.3	10.9

