

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043840.D
 Acq On : 19 May 2021 20:39
 Operator : SY/MD
 Sample : M2464-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Y9

Quant Time: May 20 03:57:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 20 03:54:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	212525	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	214368	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	98679	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	64588	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.916	69	43978	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.572	65	26363	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.642	46	193365	64.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.80%
24) Chloroform-d	5.073	84	130002	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.710	65	66738	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.735	84	266942	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.700	67	85279	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.906	98	219110	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloroprop...	8.189	79	29907	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.642	63	154774	53.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.70%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72575	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	87699	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2012	0.11	ug/L	89
12) 1,1-Dichloroethene	2.581	96	5124	0.37	ug/L #	1
13) Acetone	2.652	43	9226	4.88	ug/L	99
19) 1,1-Dichloroethane	3.877	63	6753	0.25	ug/L	97
25) Chloroform	5.099	83	4628	0.18	ug/L	90
27) 1,2-Dichloroethane	5.806	62	1223	0.08	ug/L #	74
29) 1,1,1-Trichloroethane	5.324	97	264094	11.81	ug/L	98
31) Carbon tetrachloride	5.324	117	36341	1.95	ug/L	99
34) Trichloroethene	6.549	95	2060	0.13	ug/L	95
35) Methylcyclohexane	6.700	83	20000	0.81	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8683	0.54	ug/L #	88
38) Bromodichloromethane	7.115	83	7224	0.38	ug/L	91
39) cis-1,3-Dichloropropene	7.575	75	1798	0.08	ug/L #	47
42) Toluene	7.976	91	4700	0.07	ug/L	94
47) Tetrachloroethene	8.562	164	124146	9.65	ug/L	98
48) 2-Hexanone	8.690	43	6318	0.82	ug/L #	90
49) Dibromochloromethane	8.816	129	12991	1.00	ug/L	96
59) Bromoform	10.298	173	5504	0.83	ug/L	95
61) 1,2,3-Trichloropropane	11.819	75	10283	1.09	ug/L #	69

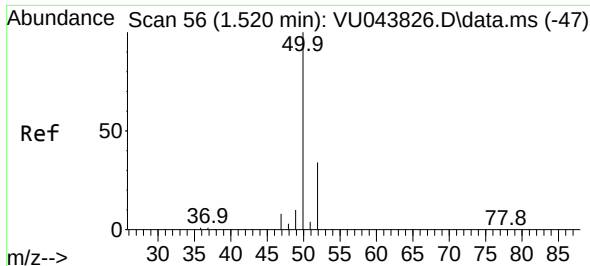
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
Data File : VU043840.D
Acq On : 19 May 2021 20:39
Operator : SY/MD
Sample : M2464-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB3Y9

Quant Time: May 20 03:57:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu May 20 03:54:53 2021
Response via : Initial Calibration

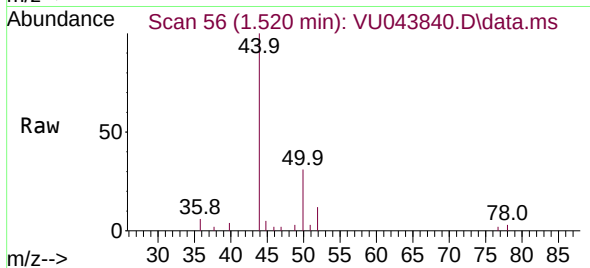
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

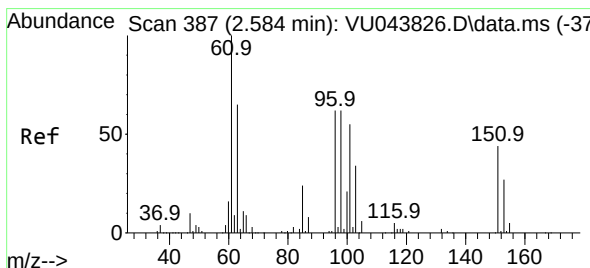
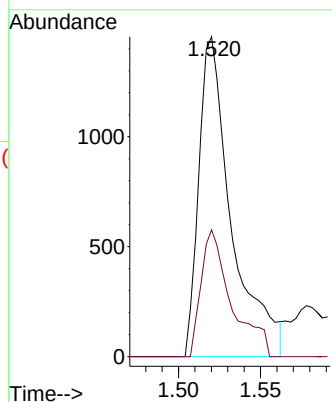
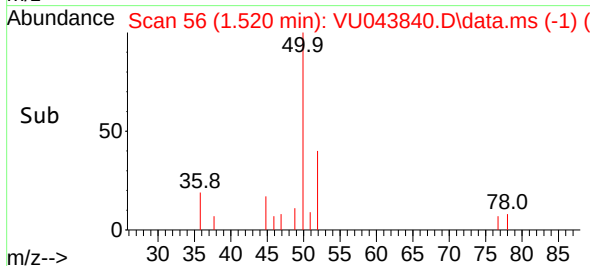


#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39

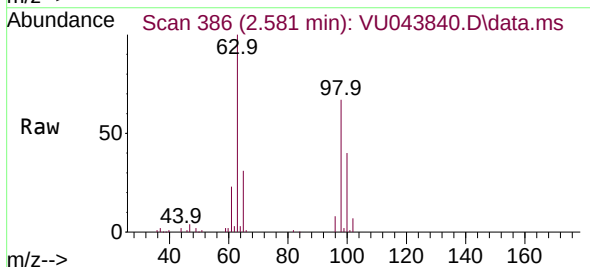
Instrument :
MSVOA_U
ClientSampled :
GB3Y9



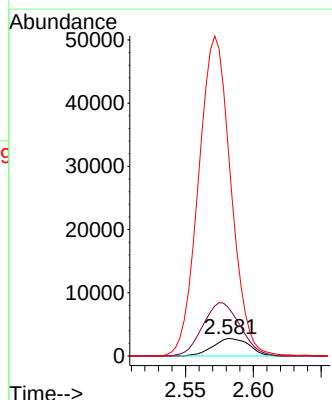
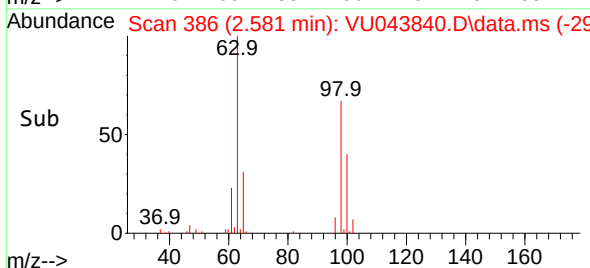
Tgt Ion: 50 Resp: 2012
Ion Ratio Lower Upper
50 100
52 39.7 23.2 43.2

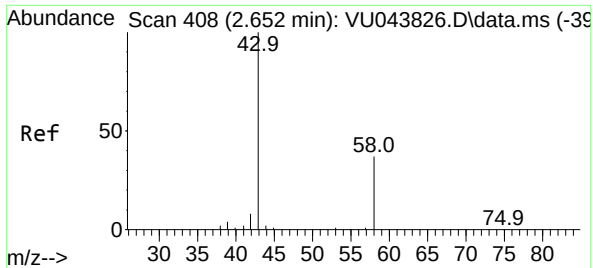


#12
1,1-Dichloroethene
Concen: 0.37 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39



Tgt Ion: 96 Resp: 5124
Ion Ratio Lower Upper
96 100
61 280.0 117.5 218.1#
63 1217.6 77.3 143.7#

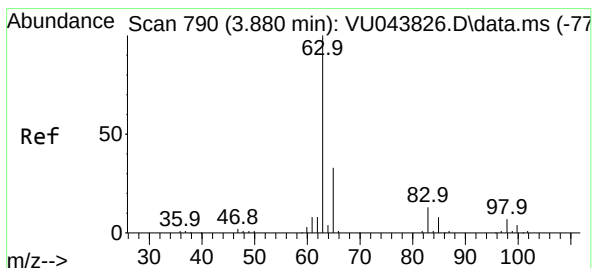
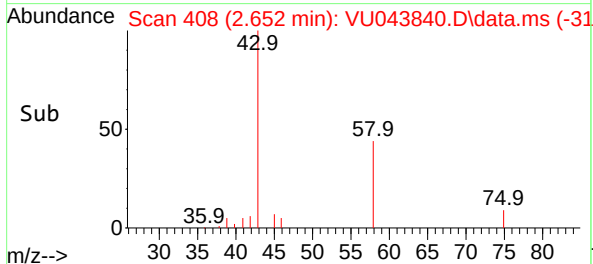
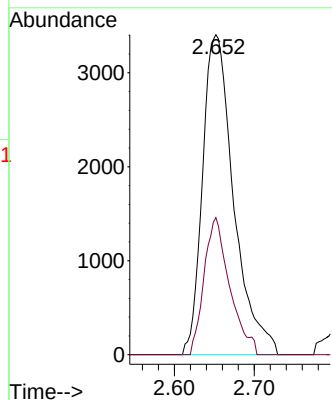
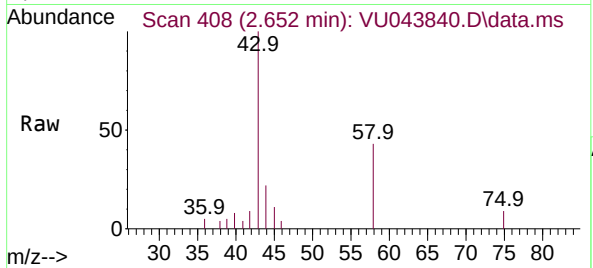




#13
Acetone
Concen: 4.88 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39

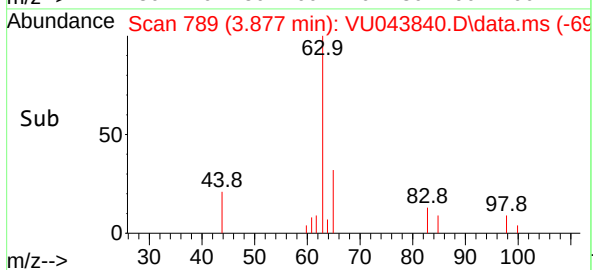
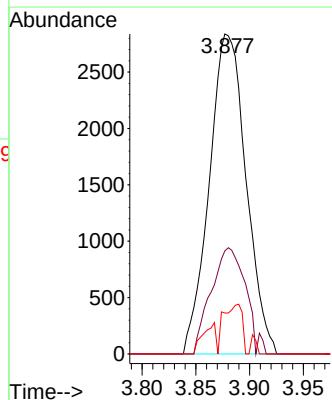
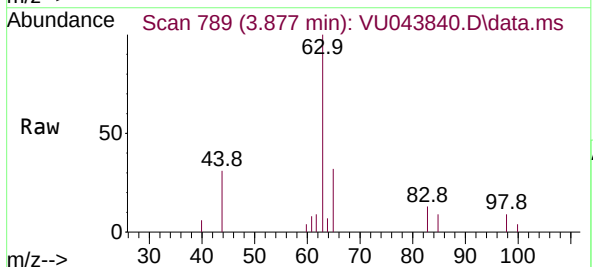
Instrument :
MSVOA_U
ClientSampleId :
GB3Y9

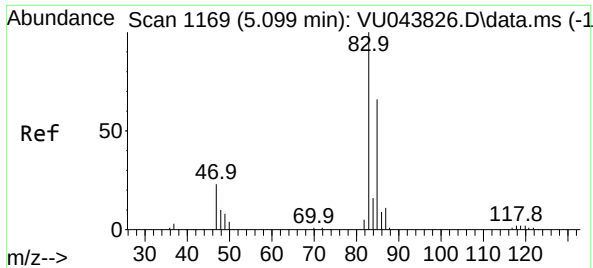
Tgt Ion: 43 Resp: 9226
Ion Ratio Lower Upper
43 100
58 35.2 0.0 71.6



#19
1,1-Dichloroethane
Concen: 0.25 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39

Tgt Ion: 63 Resp: 6753
Ion Ratio Lower Upper
63 100
65 30.0 22.3 41.3
83 12.0 9.0 16.8



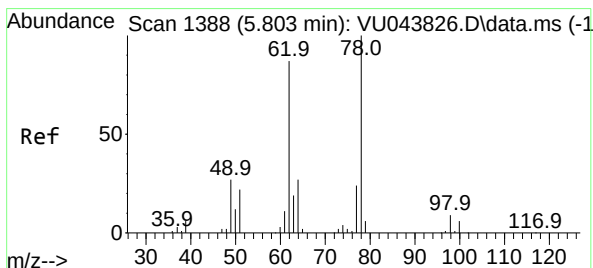
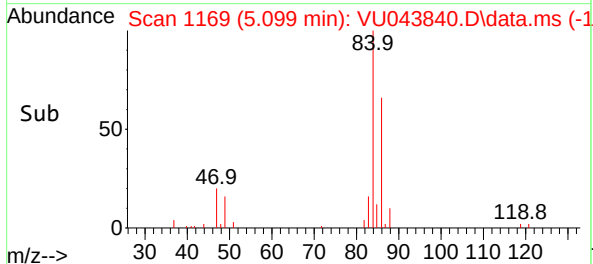
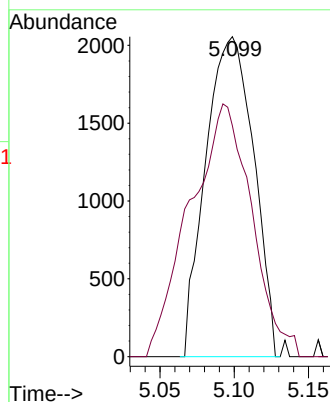
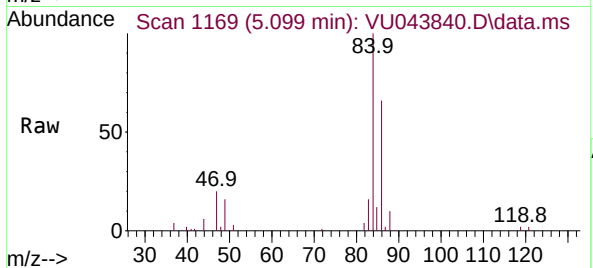


#25

Chloroform
Concen: 0.18 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39

Instrument :
MSVOA_U
ClientSampleId :
GB3Y9

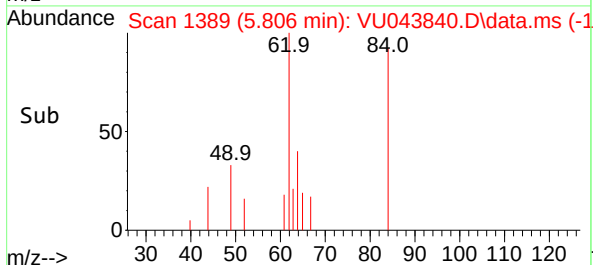
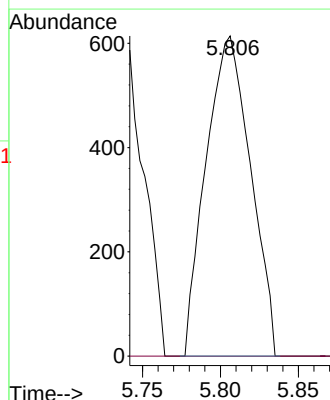
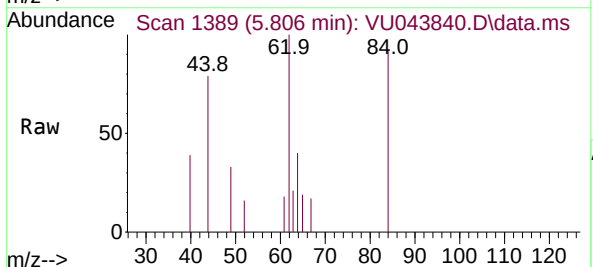
Tgt Ion: 83 Resp: 4628
Ion Ratio Lower Upper
83 100
85 72.2 45.0 83.6

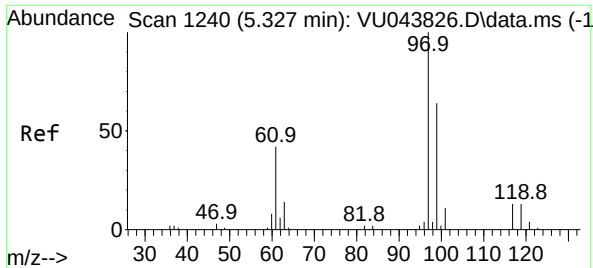


#27

1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39

Tgt Ion: 62 Resp: 1223
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#





#29

1,1,1-Trichloroethane

Concen: 11.81 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.003 min

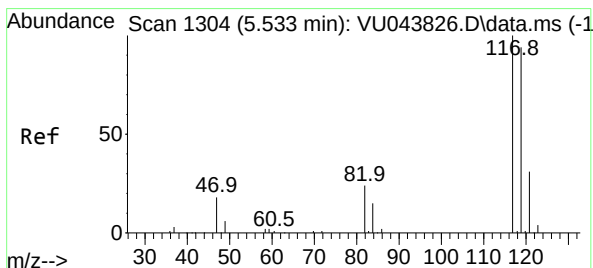
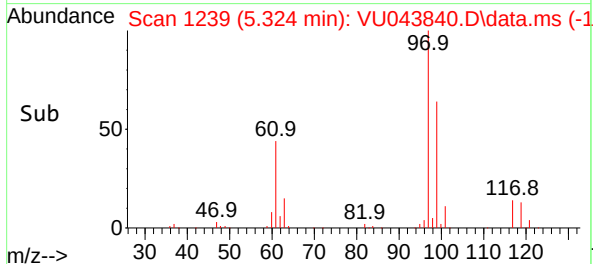
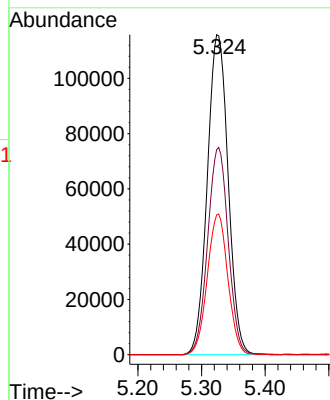
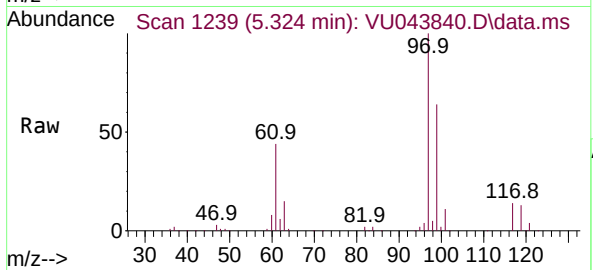
Lab File: VU043840.D

Acq: 19 May 2021 20:39

Tgt Ion: 97 Resp: 264094

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.1	76.7
61	43.4	37.0	55.4

Instrument :
MSVOA_U
ClientSampleId :
GB3Y9



#31

Carbon tetrachloride

Concen: 1.95 ug/L

RT: 5.324 min Scan# 1239

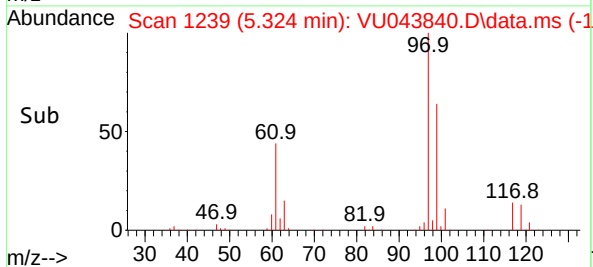
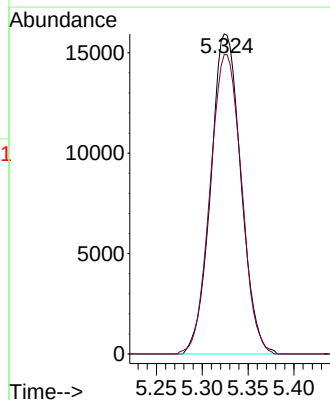
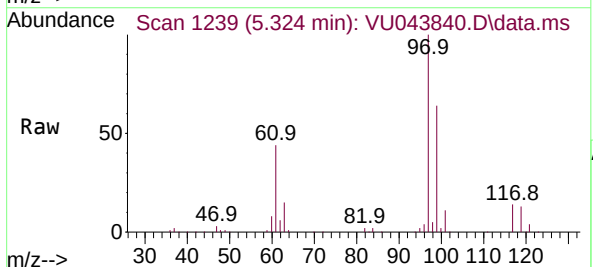
Delta R.T. -0.209 min

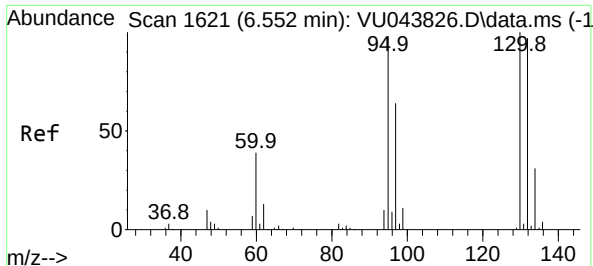
Lab File: VU043840.D

Acq: 19 May 2021 20:39

Tgt Ion: 117 Resp: 36341

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.4	116.0

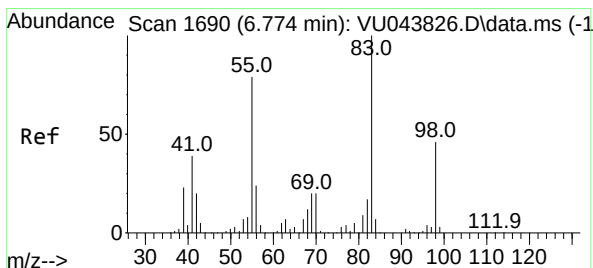
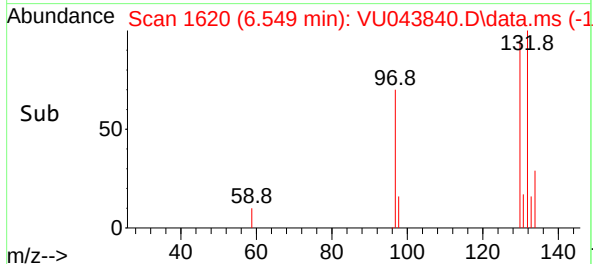
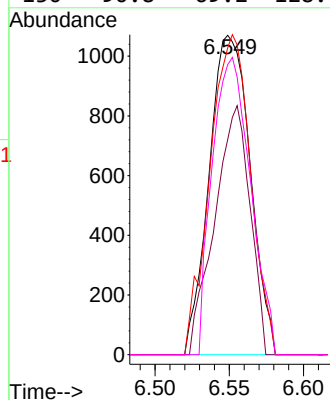
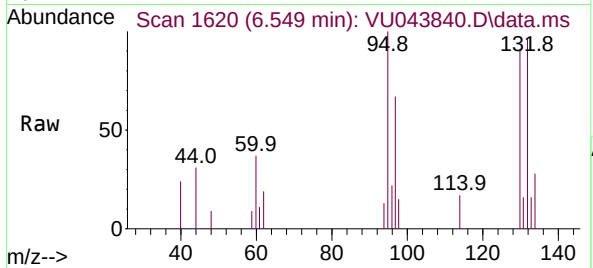




#34
Trichloroethene
Concen: 0.13 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39

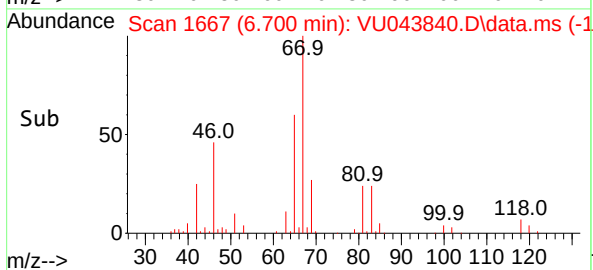
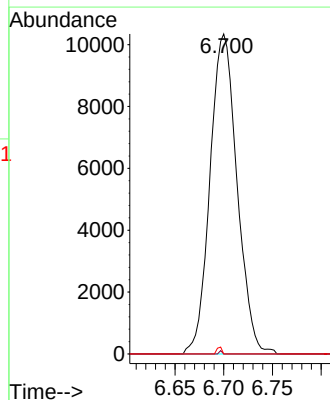
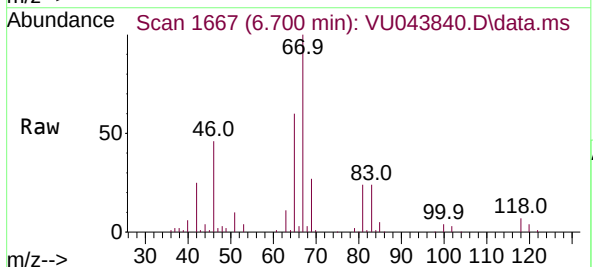
Instrument :
MSVOA_U
ClientSampleId :
GB3Y9

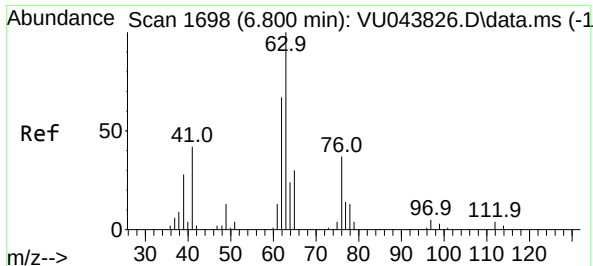
Tgt Ion: 95	Resp: 2060
Ion Ratio	Lower Upper
95 100	
97 67.4	44.3 82.3
132 96.1	66.0 122.6
130 90.8	69.2 128.6



#35
Methylcyclohexane
Concen: 0.81 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39

Tgt Ion: 83	Resp: 20000
Ion Ratio	Lower Upper
83 100	
55 0.1	64.8 97.2#
98 0.4	35.9 53.9#



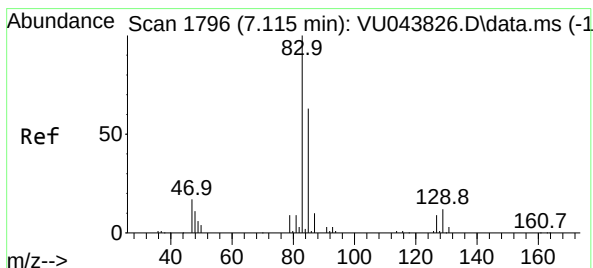
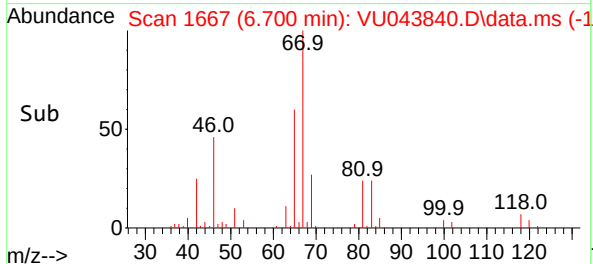
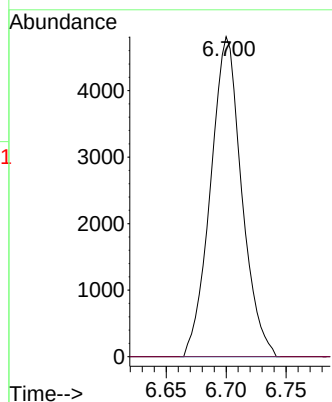
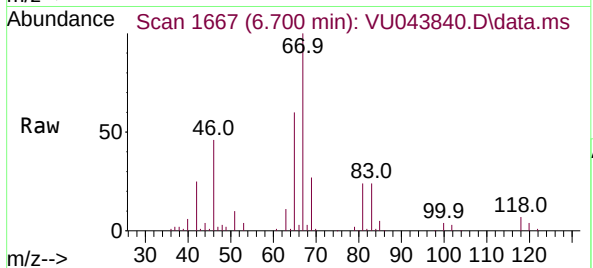


#37

1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39

Instrument :
MSVOA_U
ClientSampleId :
GB3Y9

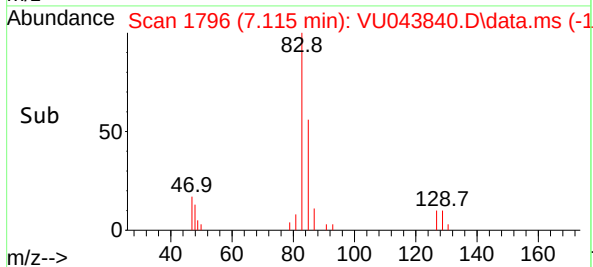
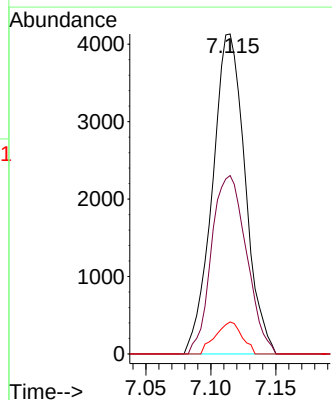
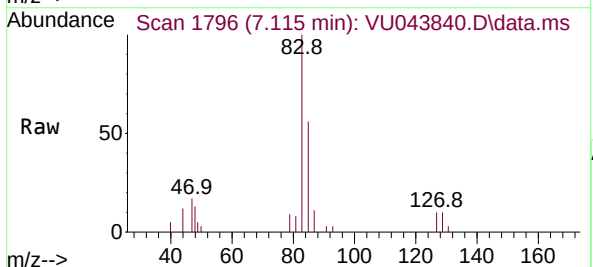
Tgt Ion: 63 Resp: 8683
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

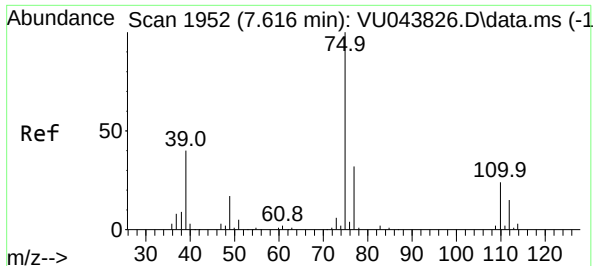


#38

Bromodichloromethane
Concen: 0.38 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39

Tgt Ion: 83 Resp: 7224
Ion Ratio Lower Upper
83 100
85 55.7 44.6 82.8
127 10.0 7.0 10.4



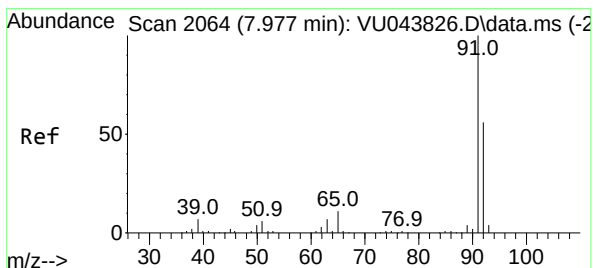
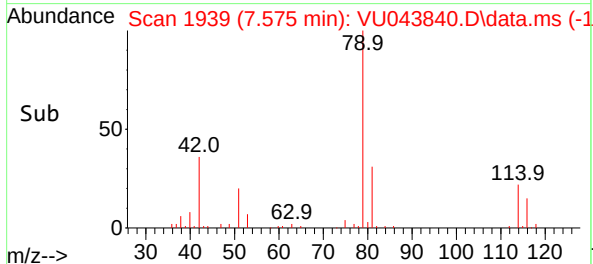
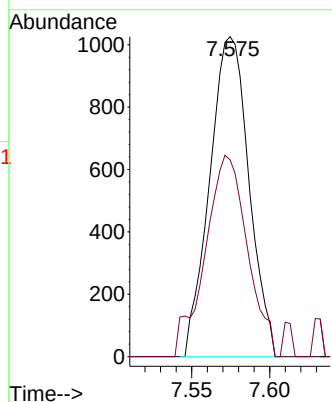
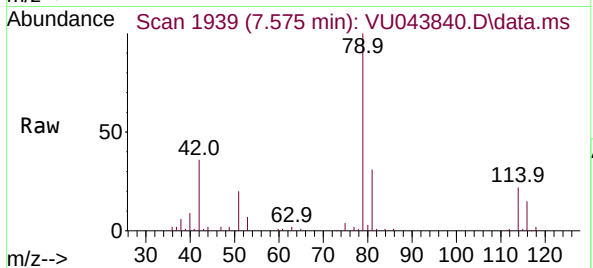


#39

cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39

Instrument :
MSVOA_U
ClientSampled :
GB3Y9

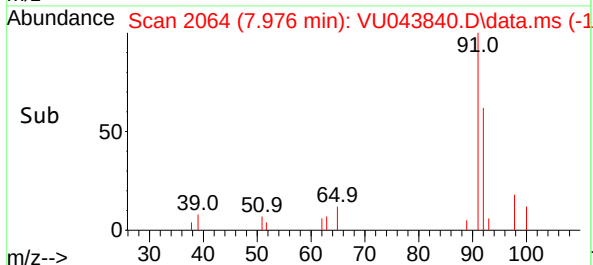
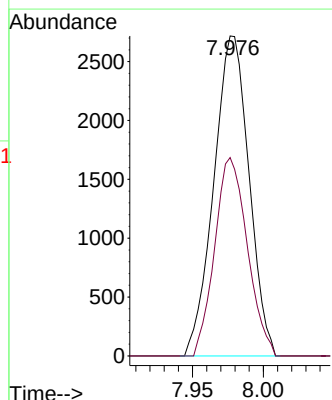
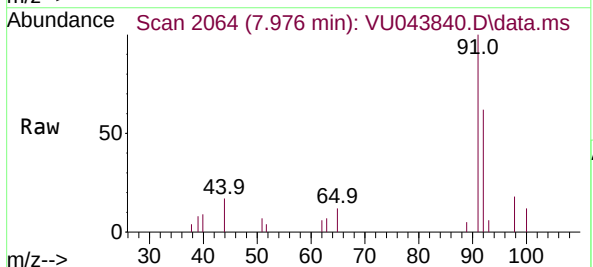
Tgt Ion: 75 Resp: 1798
Ion Ratio Lower Upper
75 100
77 61.5 22.5 41.7#

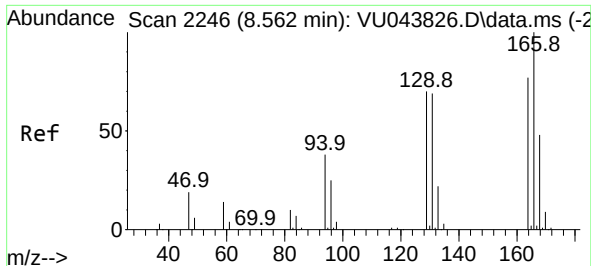


#42

Toluene
Concen: 0.07 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39

Tgt Ion: 91 Resp: 4700
Ion Ratio Lower Upper
91 100
92 62.0 40.3 74.8



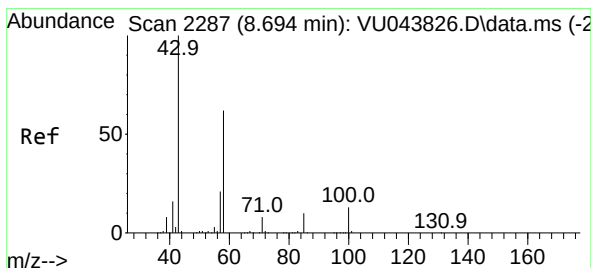
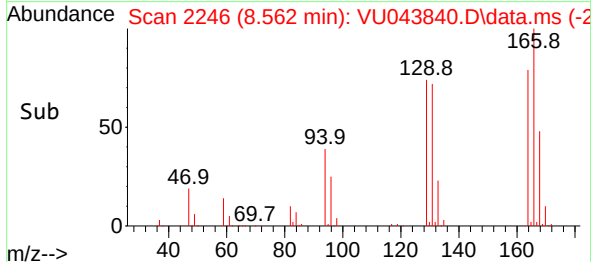
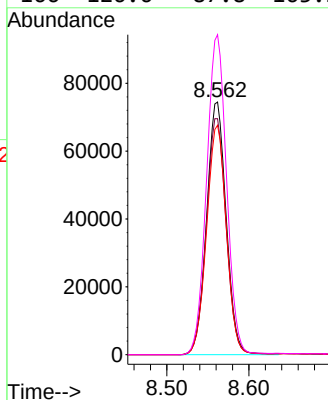
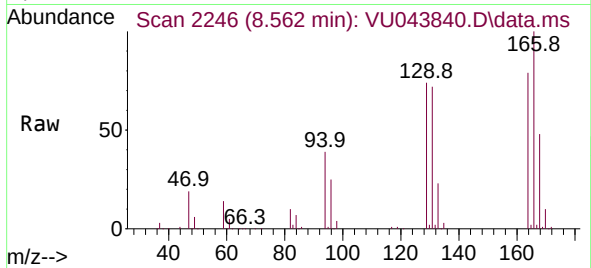


#47
Tetrachloroethene
Concen: 9.65 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39

Instrument :
MSVOA_U
ClientSampleId :
GB3Y9

Tgt Ion:164 Resp: 124146

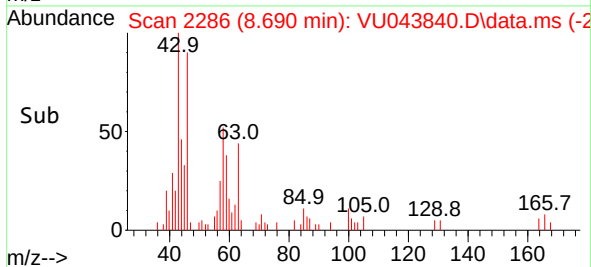
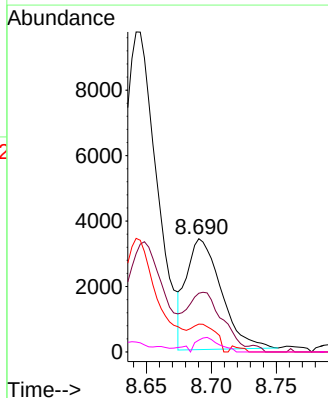
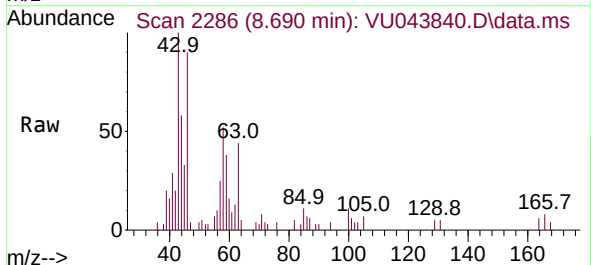
Ion	Ratio	Lower	Upper
164	100		
129	93.4	64.1	119.1
131	90.8	61.2	113.8
166	126.6	87.8	163.2

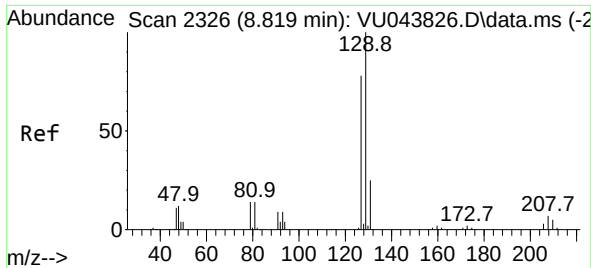


#48
2-Hexanone
Concen: 0.82 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39

Tgt Ion: 43 Resp: 6318

Ion	Ratio	Lower	Upper
43	100		
58	49.2	47.0	70.4
57	17.7	15.8	23.8
100	8.5	9.0	13.4

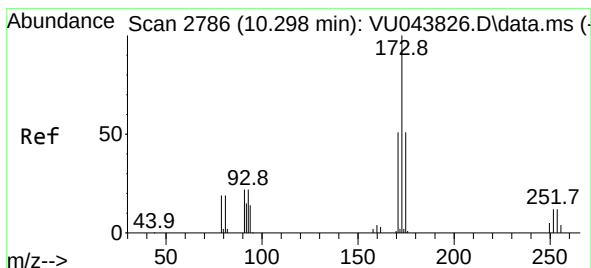
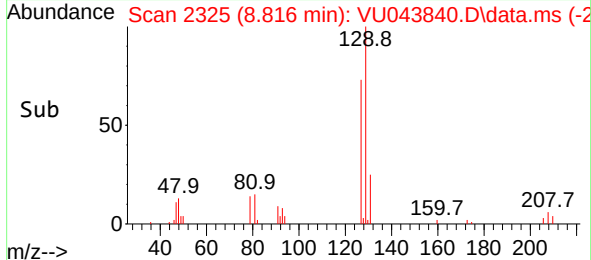
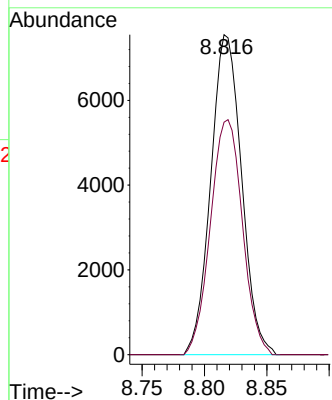
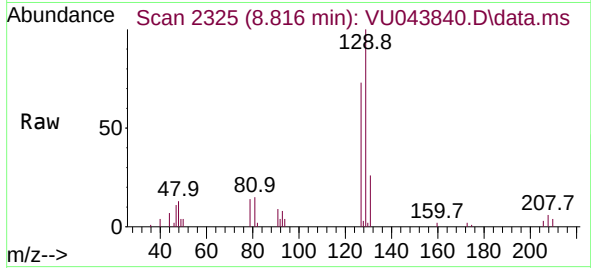




#49
Dibromochloromethane
Concen: 1.00 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39

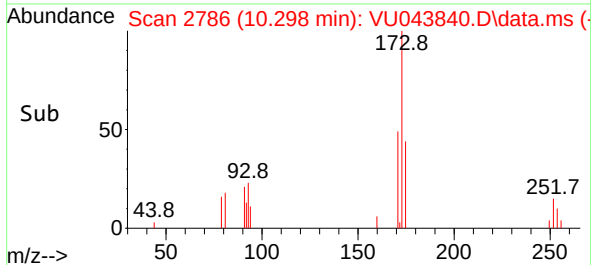
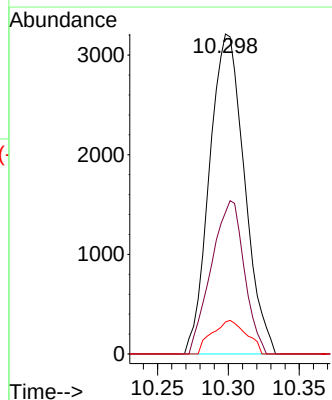
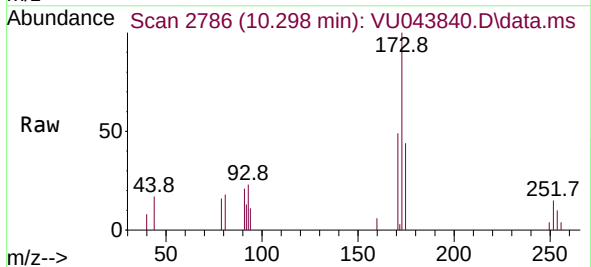
Instrument :
MSVOA_U
ClientSampleId :
GB3Y9

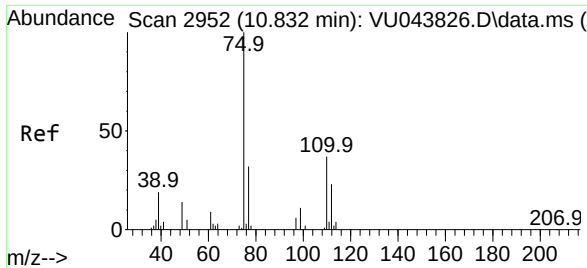
Tgt Ion:129 Resp: 12991
Ion Ratio Lower Upper
129 100
127 72.6 53.4 99.2



#59
Bromoform
Concen: 0.83 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043840.D
Acq: 19 May 2021 20:39

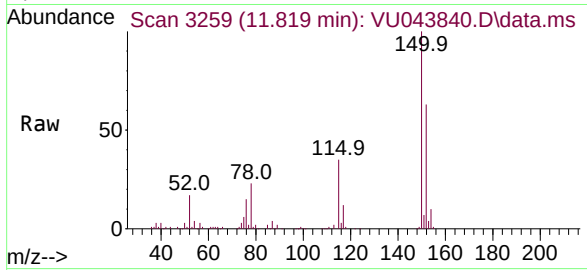
Tgt Ion:173 Resp: 5504
Ion Ratio Lower Upper
173 100
175 45.2 38.8 58.2
254 10.3 9.4 14.2





#61
 1,2,3-Trichloropropane
 Concen: 1.09 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043840.D
 Acq: 19 May 2021 20:39

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Y9



Tgt Ion:	75	Resp:	10283
Ion	Ratio	Lower	Upper
75	100		
110	2.2	27.9	41.9#
77	30.7	25.9	38.9

