

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042008.D
 Acq On : 14 Jan 2021 02:40
 Operator : SY/MD
 Sample : M1065-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 02:50:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 02:46:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	113702	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104028	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	41945	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42320	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.919	69	42401	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.575	63	64409	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.655	46	186969	64.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.86%
24) Chloroform-d	5.080	84	94050	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.716	65	54519	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.742	84	173853	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.700	67	57101	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.906	98	137380	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloroprop...	8.182	79	20408	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.639	63	127467	56.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.18%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	45934	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	12.189	152	43508	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	6350	0.61	ug/L	95
3) Chloromethane	1.523	50	1075	0.08	ug/L	89
9) Trichlorofluoromethane	2.147	101	3488	0.21	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	1621	0.18	ug/L #	27
12) 1,1-Dichloroethene	2.588	96	3726	0.42	ug/L #	1
13) Acetone	2.668	43	4174	2.32	ug/L	92
19) 1,1-Dichloroethane	3.887	63	8722	0.49	ug/L	99
22) cis-1,2-Dichloroethene	4.684	96	6169	0.65	ug/L	99
25) Chloroform	5.105	83	7080	0.40	ug/L	97
27) 1,2-Dichloroethane	5.819	62	449	0.04	ug/L #	75
34) Trichloroethene	6.552	95	66211	6.88	ug/L	95
35) Methylcyclohexane	6.703	83	12895	0.84	ug/L #	16
39) cis-1,3-Dichloropropene	7.571	75	1197	0.08	ug/L #	62
44) trans-1,3-Dichloropropene	8.189	75	871	0.07	ug/L #	68
47) Tetrachloroethene	8.559	164	26730	4.29	ug/L	97
48) 2-Hexanone	8.639	43	15082	3.23	ug/L #	67
49) Dibromochloromethane	8.555	129	26153	3.40	ug/L #	11
59) 1,2,3-Trichloropropane	11.806	75	4859	0.74	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042008.D
Acq On : 14 Jan 2021 02:40
Operator : SY/MD
Sample : M1065-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 15 02:50:09 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 02:46:12 2021
Response via : Initial Calibration

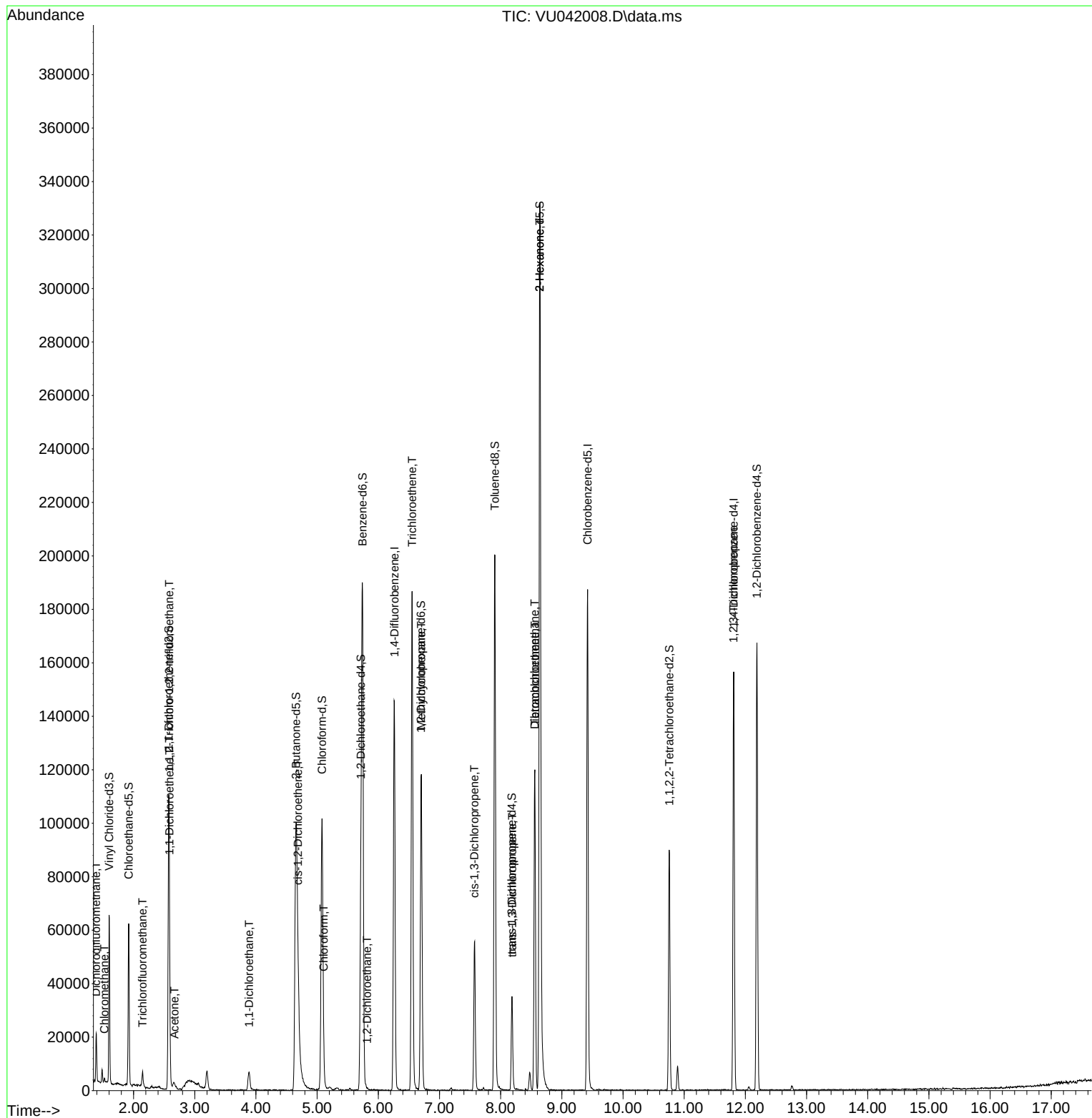
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

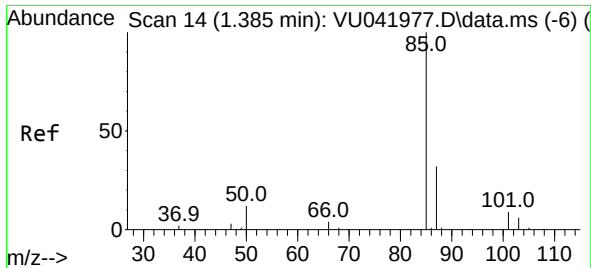
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042008.D
Acq On : 14 Jan 2021 02:40
Operator : SY/MD
Sample : M1065-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 15 02:50:09 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 02:46:12 2021
Response via : Initial Calibration

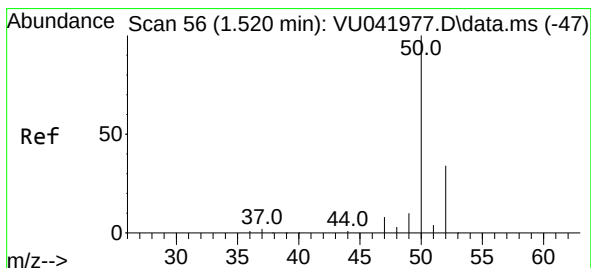
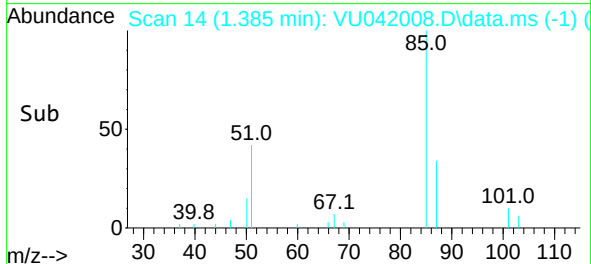
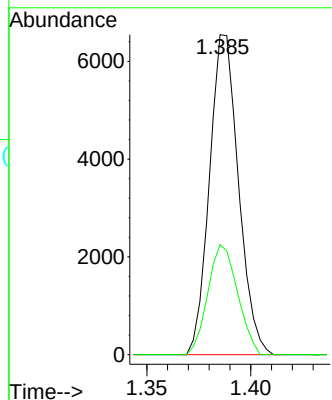
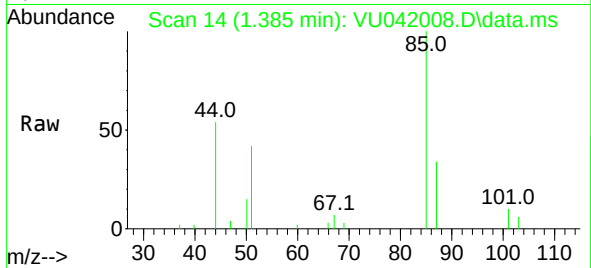




#2
Dichlorodifluoromethane
Concen: 0.61 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU042008.D
Acq: 14 Jan 2021 02:40

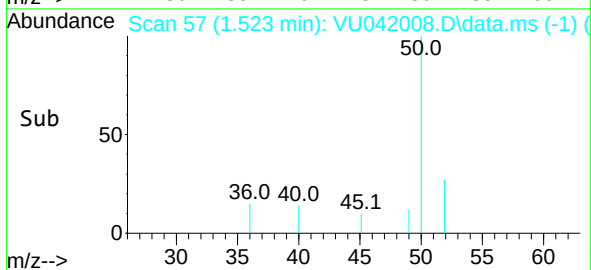
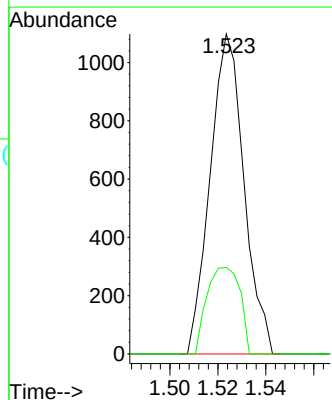
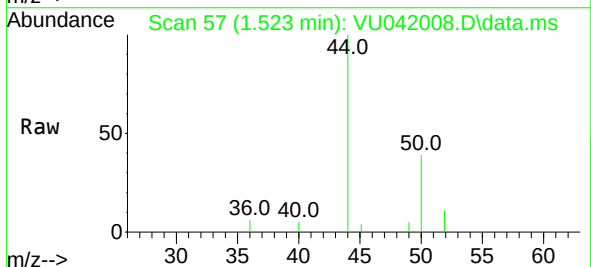
Instrument :
MSVOA_U
ClientSampled :

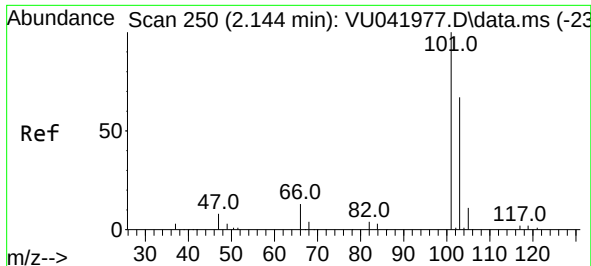
Tgt Ion: 85 Resp: 6350
Ion Ratio Lower Upper
85 100
87 35.1 25.7 38.5



#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU042008.D
Acq: 14 Jan 2021 02:40

Tgt Ion: 50 Resp: 1075
Ion Ratio Lower Upper
50 100
52 27.0 23.5 43.7

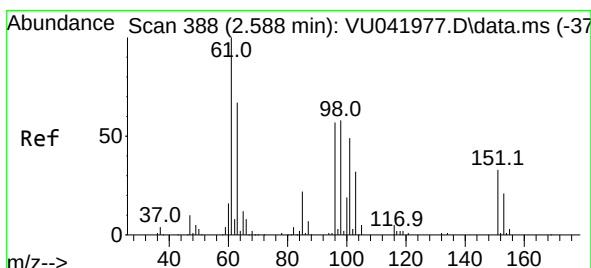
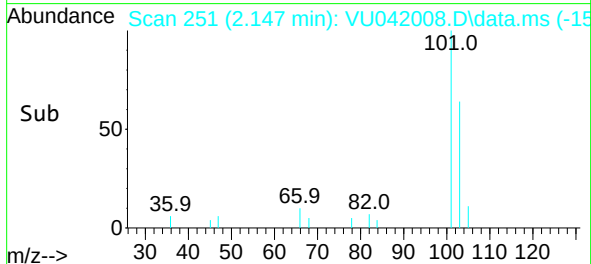
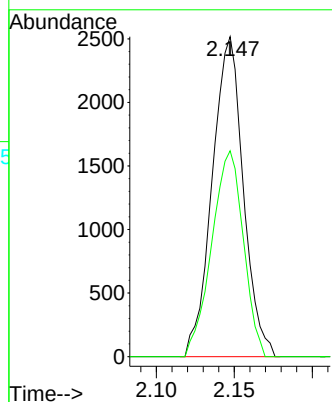
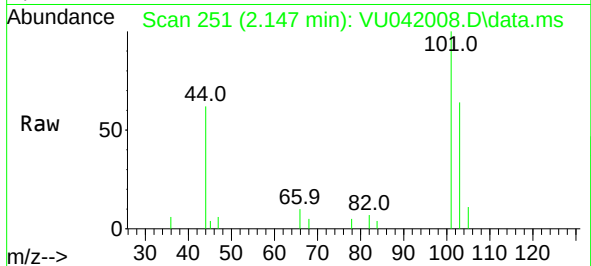




#9
 Trichlorofluoromethane
 Concen: 0.21 ug/L
 RT: 2.147 min Scan# 251
 Delta R.T. 0.003 min
 Lab File: VU042008.D
 Acq: 14 Jan 2021 02:40

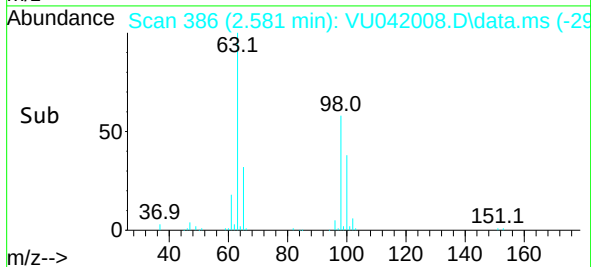
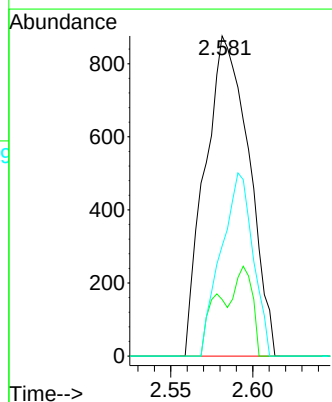
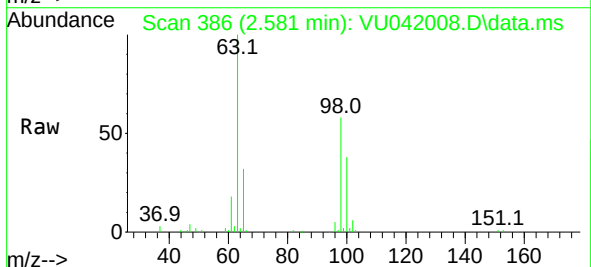
Instrument :
 MSVOA_U
 ClientSampled :

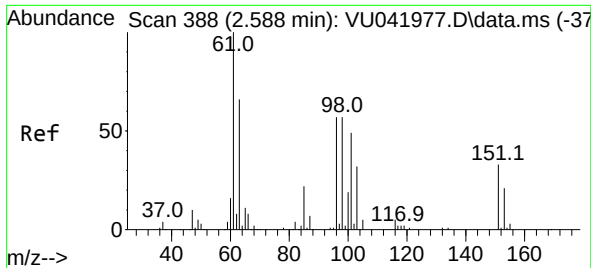
Tgt Ion:101 Resp: 3488
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.6 77.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.18 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU042008.D
 Acq: 14 Jan 2021 02:40

Tgt Ion:101 Resp: 1621
 Ion Ratio Lower Upper
 101 100
 85 8.6 35.9 53.9#
 151 0.0 55.4 83.2#

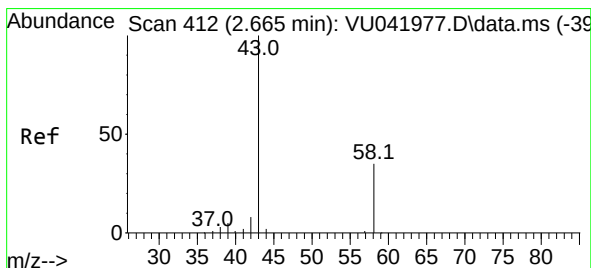
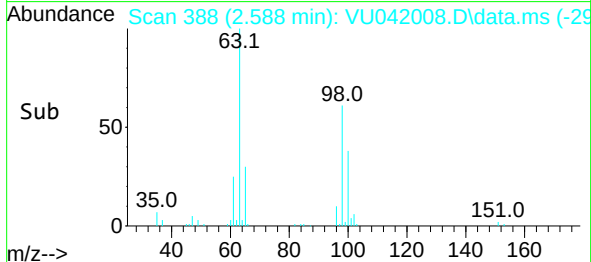
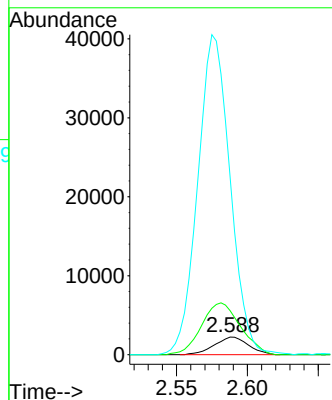
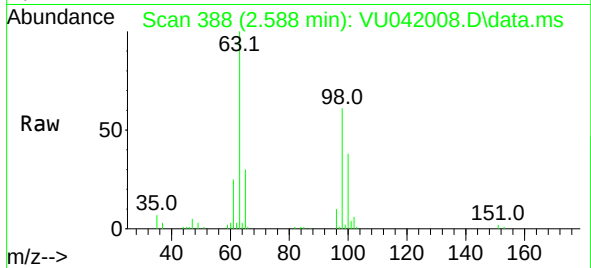




#12
1,1-Dichloroethene
Concen: 0.42 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042008.D
Acq: 14 Jan 2021 02:40

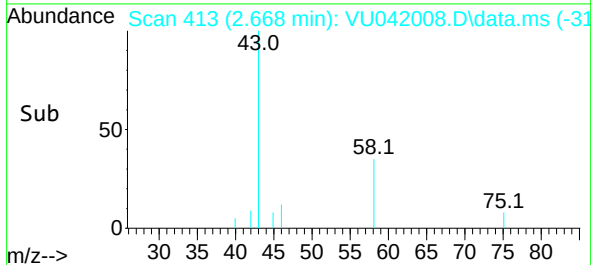
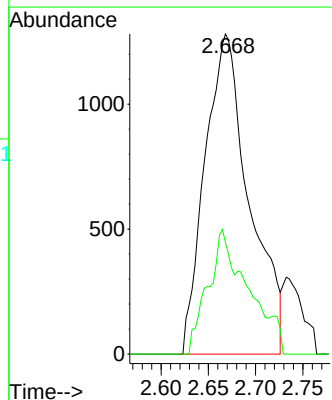
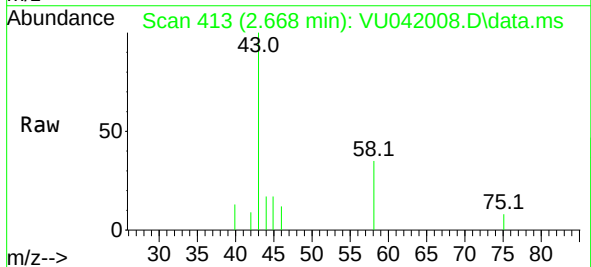
Instrument :
MSVOA_U
ClientSampled :

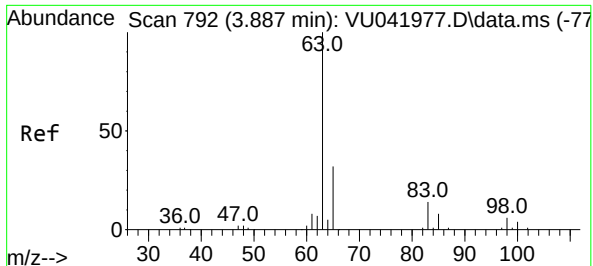
Tgt Ion: 96 Resp: 3726
Ion Ratio Lower Upper
96 100
61 250.5 122.2 226.9#
63 1012.4 82.8 153.8#



#13
Acetone
Concen: 2.32 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.003 min
Lab File: VU042008.D
Acq: 14 Jan 2021 02:40

Tgt Ion: 43 Resp: 4174
Ion Ratio Lower Upper
43 100
58 32.9 0.0 57.4





#19

1,1-Dichloroethane

Concen: 0.49 ug/L

RT: 3.887 min Scan# 792

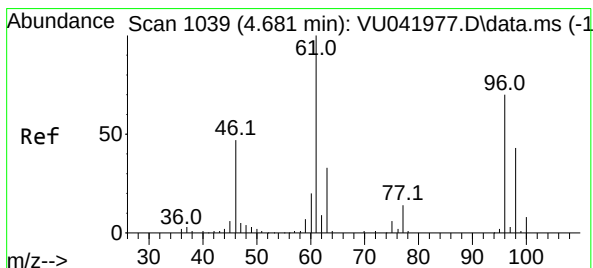
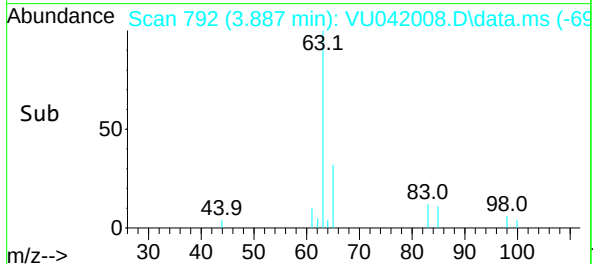
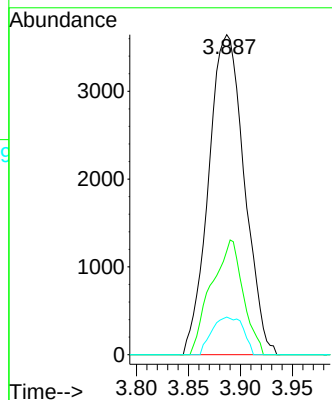
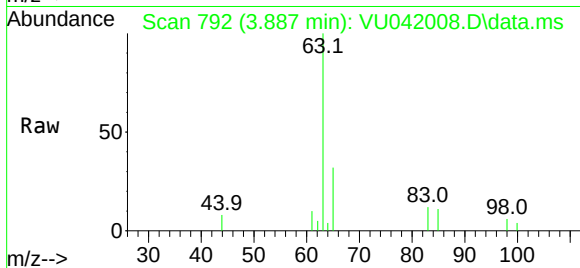
Delta R.T. 0.000 min

Lab File: VU042008.D

Acq: 14 Jan 2021 02:40

Tgt Ion:	63	Resp:	8722
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.7	42.1
83	11.8	9.4	17.6

Instrument :
MSVOA_U
ClientSampleId :



#22

cis-1,2-Dichloroethene

Concen: 0.65 ug/L

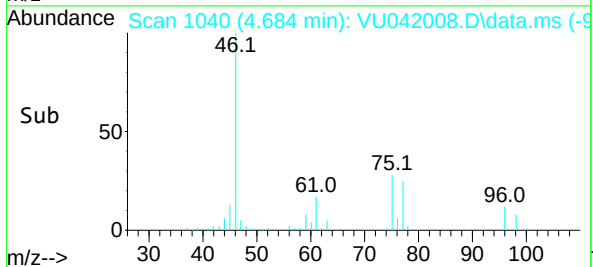
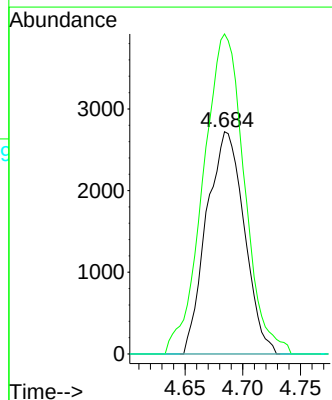
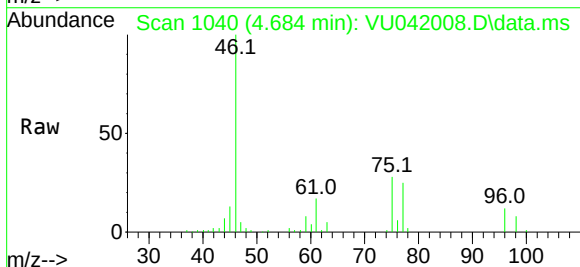
RT: 4.684 min Scan# 1040

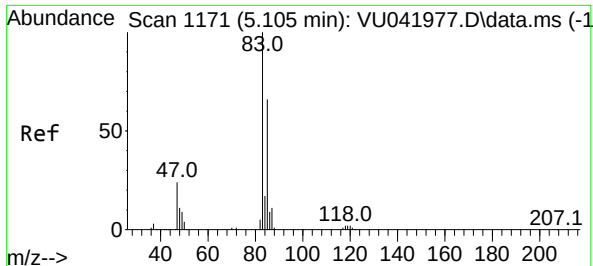
Delta R.T. 0.003 min

Lab File: VU042008.D

Acq: 14 Jan 2021 02:40

Tgt Ion:	96	Resp:	6169
Ion	Ratio	Lower	Upper
96	100		
61	144.0	100.3	186.3
68	0.0	0.0	0.0



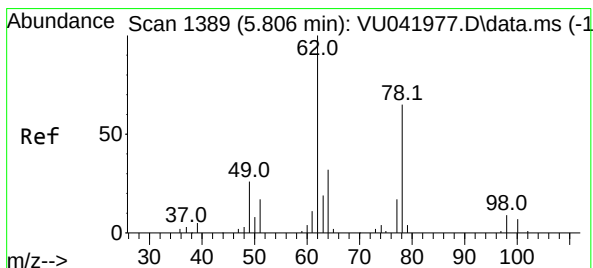
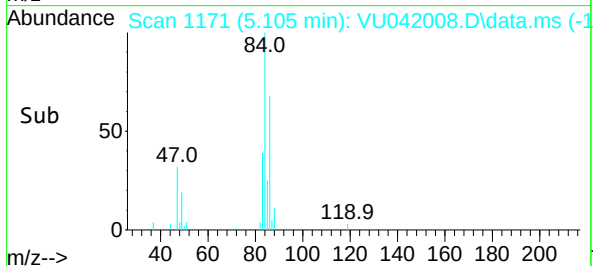
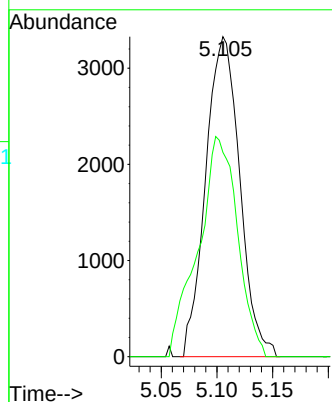
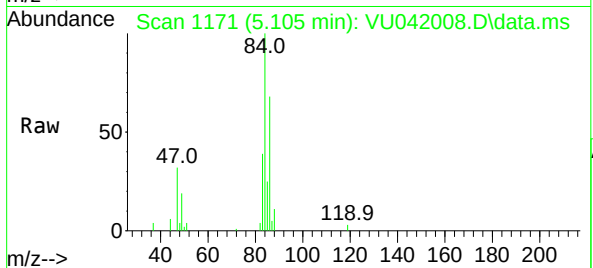


#25

Chloroform
Concen: 0.40 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VU042008.D
Acq: 14 Jan 2021 02:40

Instrument :
MSVOA_U
ClientSampled :

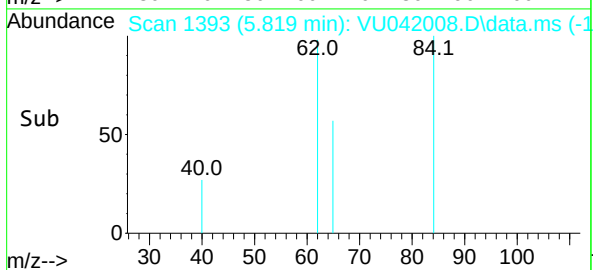
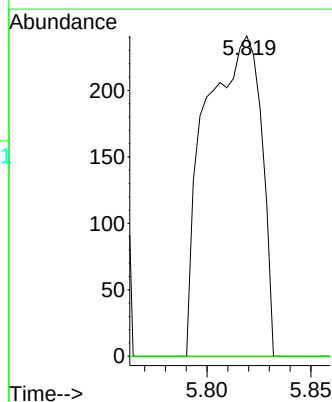
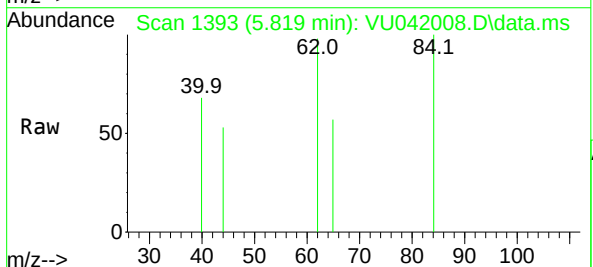
Tgt Ion: 83 Resp: 7080
Ion Ratio Lower Upper
83 100
85 63.9 46.1 85.7

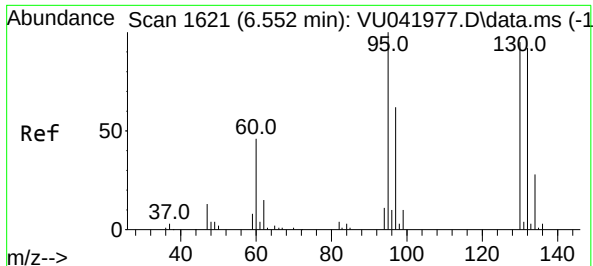


#27

1,2-Dichloroethane
Concen: 0.04 ug/L
RT: 5.819 min Scan# 1393
Delta R.T. 0.013 min
Lab File: VU042008.D
Acq: 14 Jan 2021 02:40

Tgt Ion: 62 Resp: 449
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



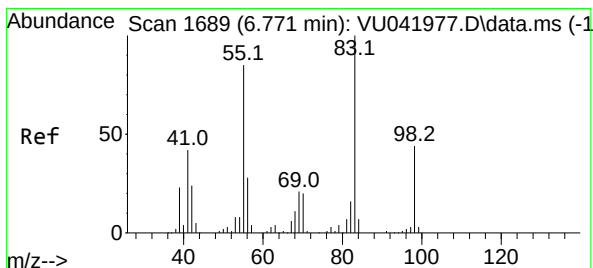
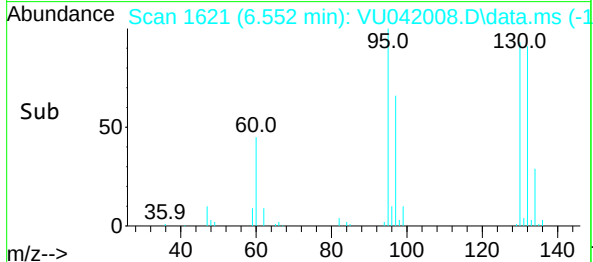
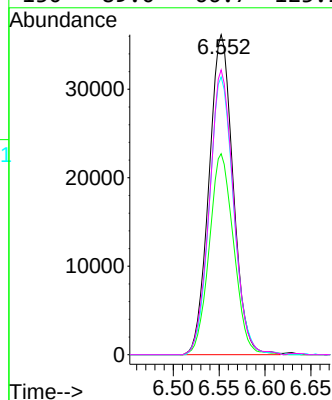
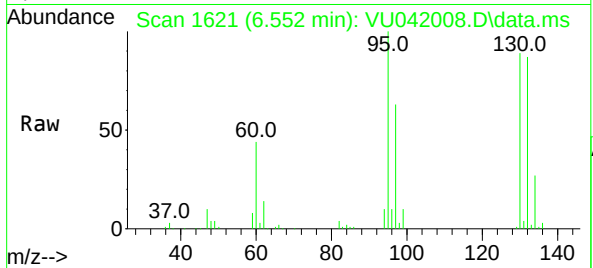


#34
Trichloroethene
Concen: 6.88 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042008.D
Acq: 14 Jan 2021 02:40

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 66211

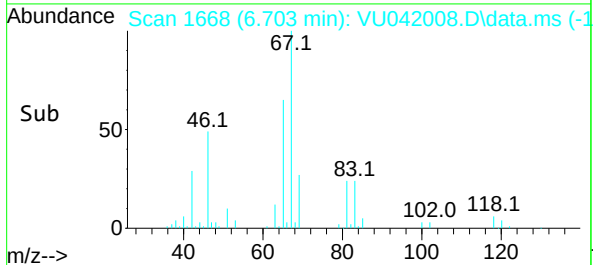
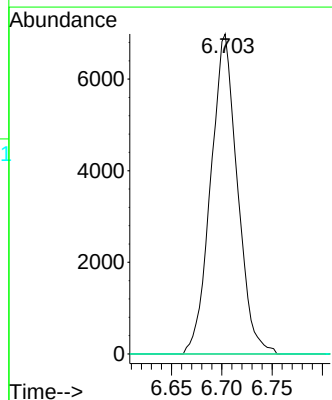
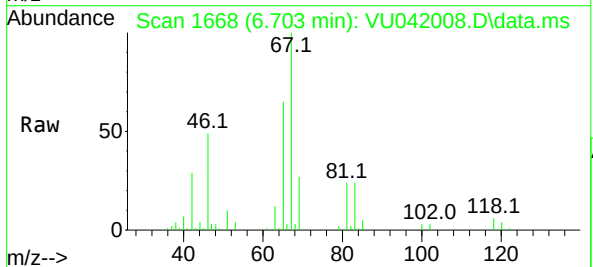
Ion	Ratio	Lower	Upper
95	100		
97	62.8	43.6	81.0
132	86.8	64.3	119.3
130	89.0	66.7	123.9

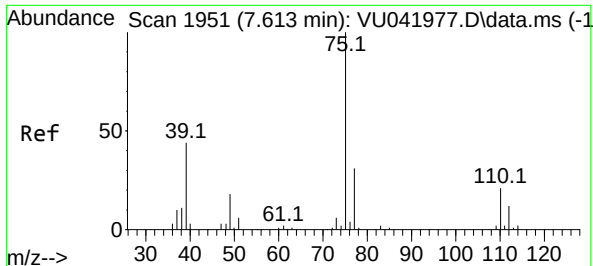


#35
Methylcyclohexane
Concen: 0.84 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.067 min
Lab File: VU042008.D
Acq: 14 Jan 2021 02:40

Tgt Ion: 83 Resp: 12895

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	0.0	35.7	53.5#



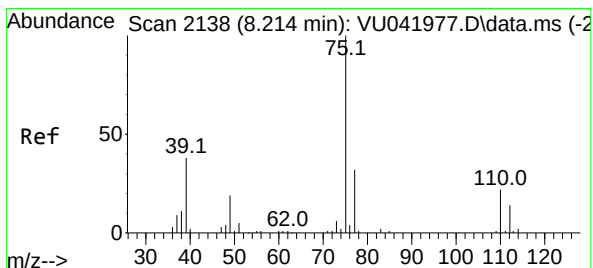
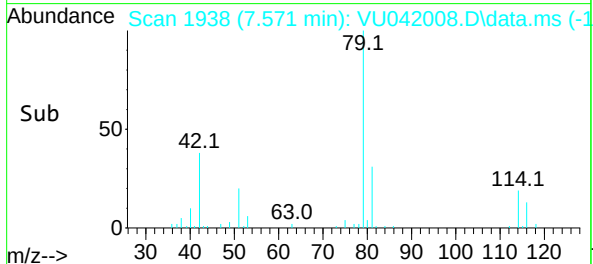
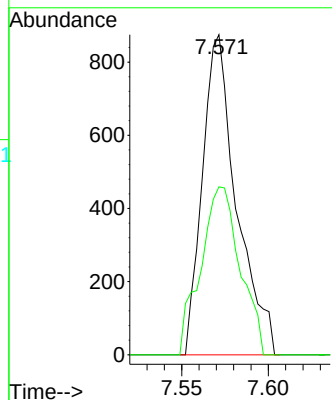
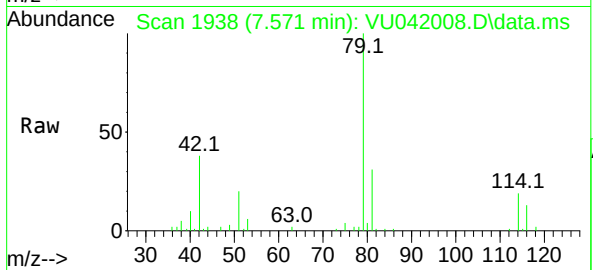


#39

cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU042008.D
Acq: 14 Jan 2021 02:40

Instrument :
MSVOA_U
ClientSampled :

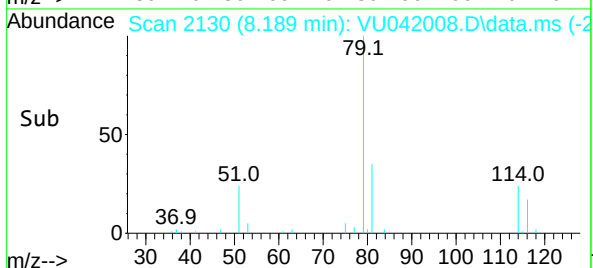
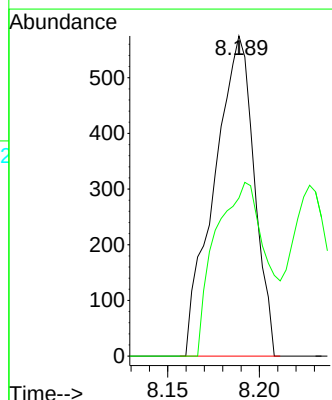
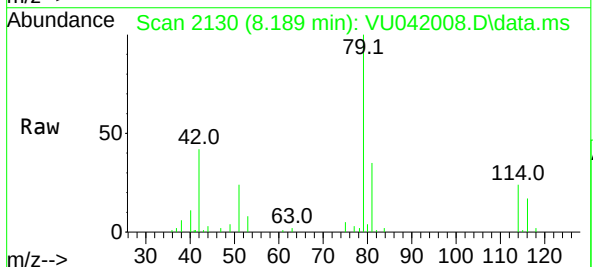
Tgt Ion: 75 Resp: 1197
Ion Ratio Lower Upper
75 100
77 52.5 21.9 40.7#

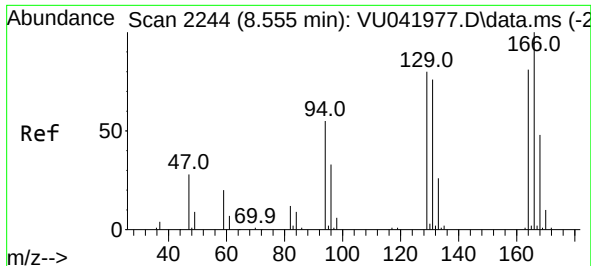


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.026 min
Lab File: VU042008.D
Acq: 14 Jan 2021 02:40

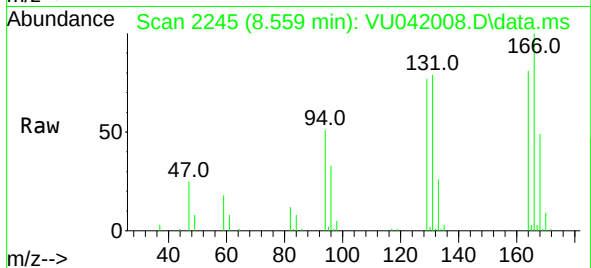
Tgt Ion: 75 Resp: 871
Ion Ratio Lower Upper
75 100
77 49.4 22.0 41.0#





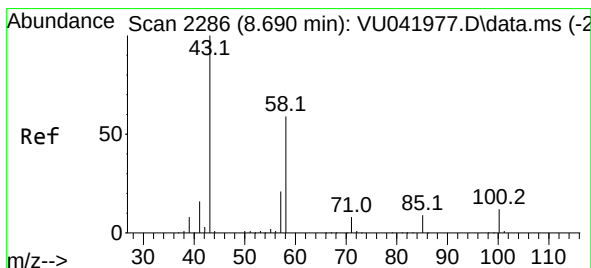
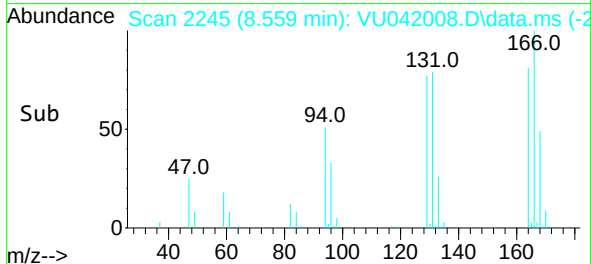
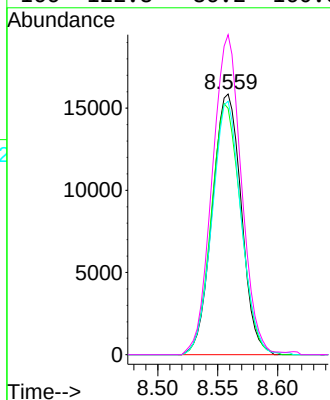
#47
Tetrachloroethene
Concen: 4.29 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042008.D
Acq: 14 Jan 2021 02:40

Instrument :
MSVOA_U
ClientSampled :

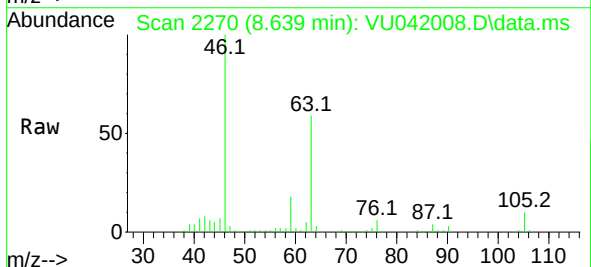


Tgt Ion:164 Resp: 26730

Ion	Ratio	Lower	Upper
164	100		
129	94.5	68.7	127.5
131	97.2	65.2	121.0
166	122.8	86.2	160.0

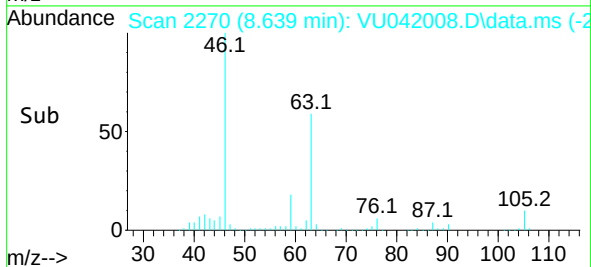
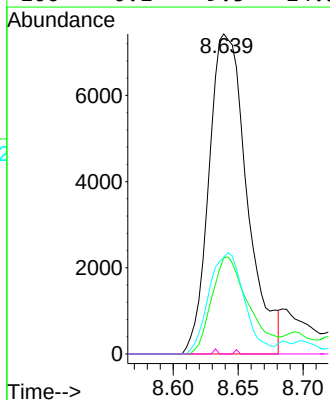


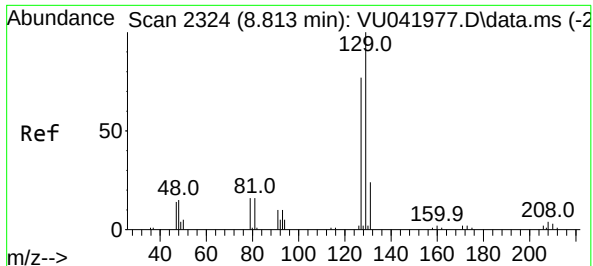
#48
2-Hexanone
Concen: 3.23 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU042008.D
Acq: 14 Jan 2021 02:40



Tgt Ion: 43 Resp: 15082

Ion	Ratio	Lower	Upper
43	100		
58	29.7	47.8	71.8#
57	29.6	17.4	26.0#
100	0.1	9.5	14.3#





#49

Dibromochloromethane

Concen: 3.40 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU042008.D

Acq: 14 Jan 2021 02:40

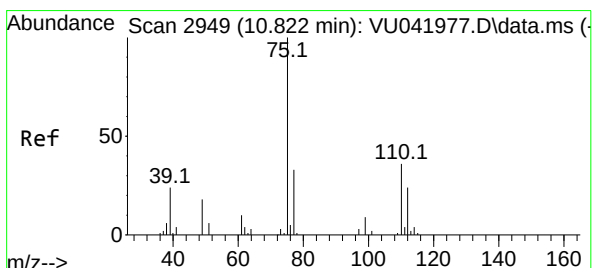
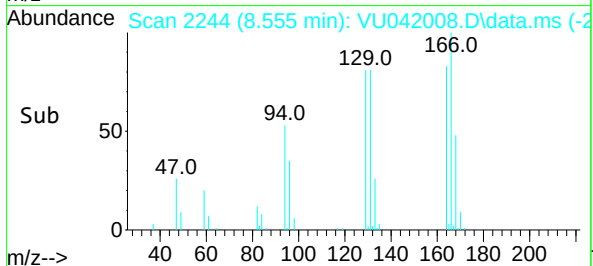
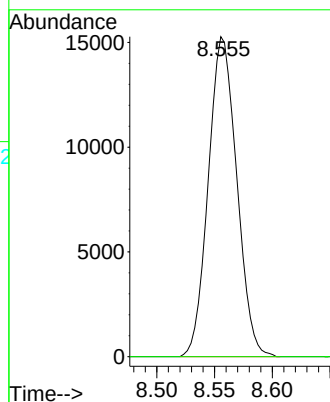
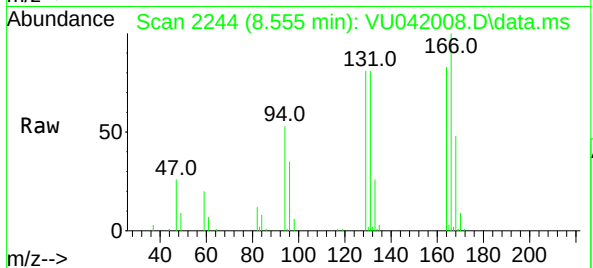
Tgt Ion:129 Resp: 26153

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#

Instrument :
MSVOA_U
ClientSampleId :



#59

1,2,3-Trichloropropane

Concen: 0.74 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.984 min

Lab File: VU042008.D

Acq: 14 Jan 2021 02:40

Tgt Ion: 75 Resp: 4859

Ion Ratio Lower Upper

75 100

77 33.5 25.6 38.4

