

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 :
 BFXP3

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)

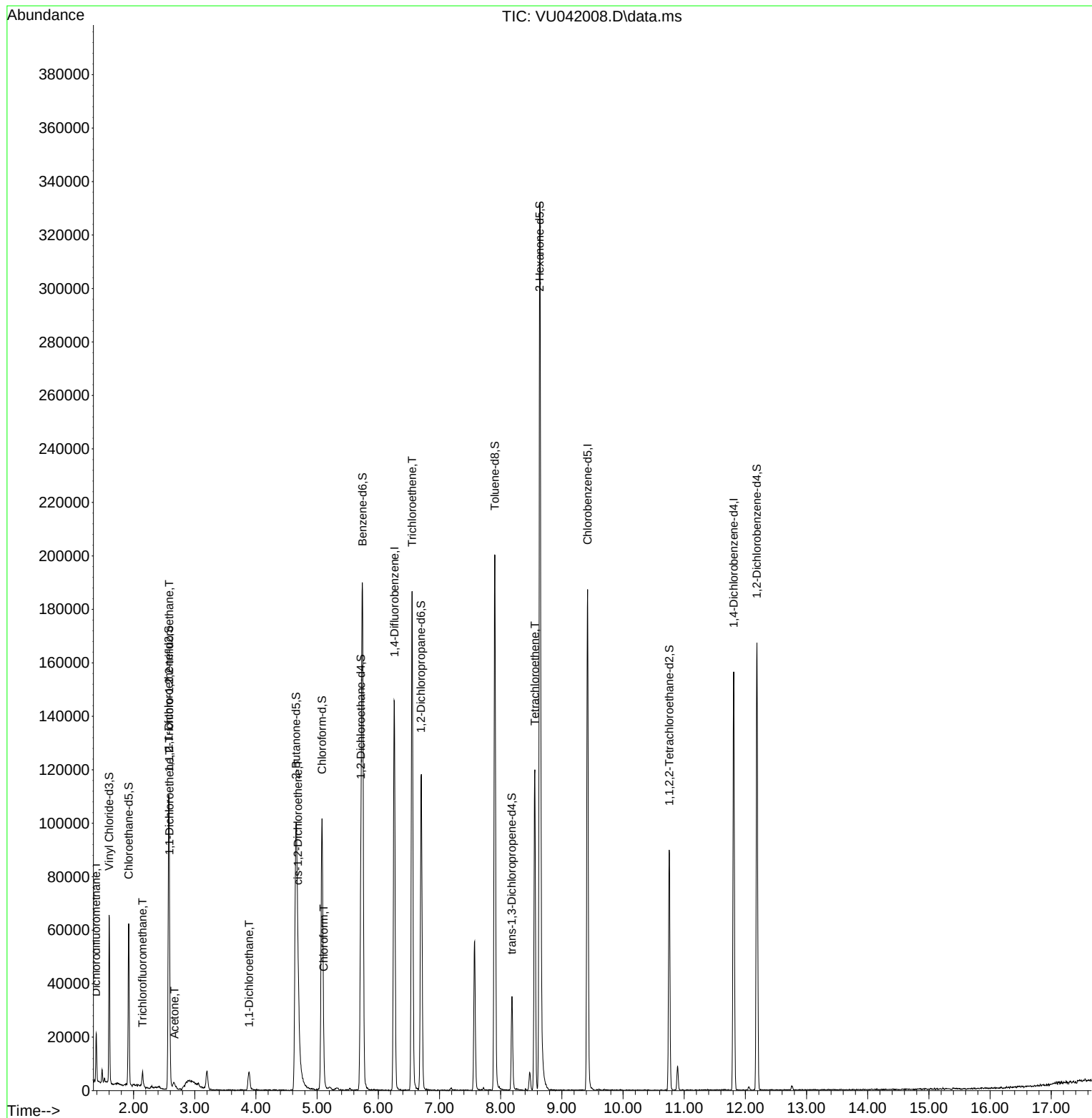
Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	113702	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104028	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	41945	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42320	4.93	ug/L	0.00
Spiked Amount	5.000	Range	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
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
34) Trichloroethene	6.552	95	66211	6.88	ug/L	95
47) Tetrachloroethene	8.559	164	26730	4.29	ug/L	97

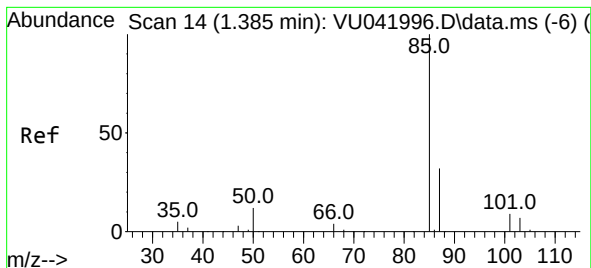
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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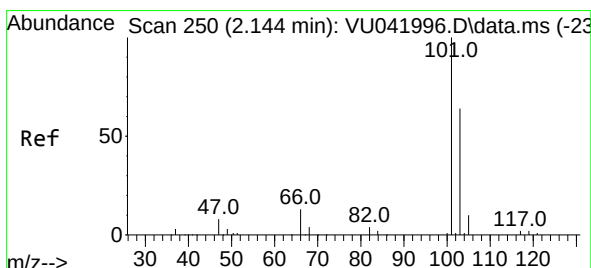
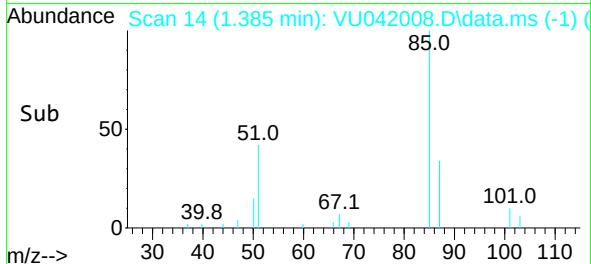
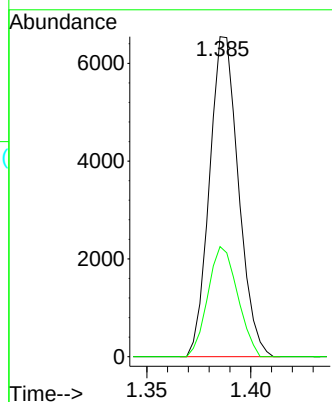
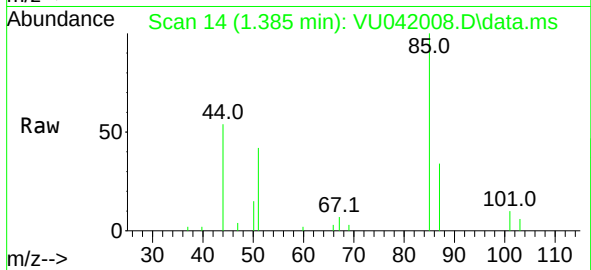




#2
Dichlorodifluoromethane
Concen: 0.61 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU042008.D
Acq: 14 Jan 2021 02:40

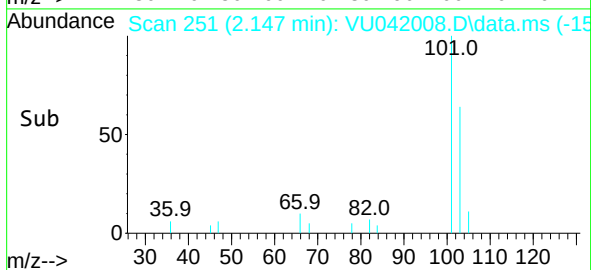
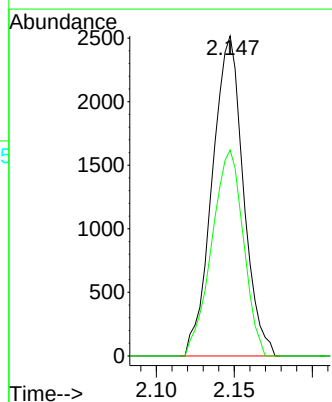
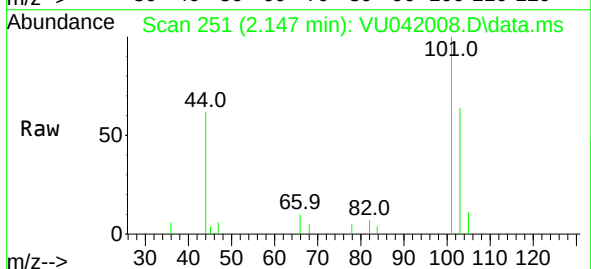
Instrument :
MSVOA_U
ClientSampled :
BFXP3

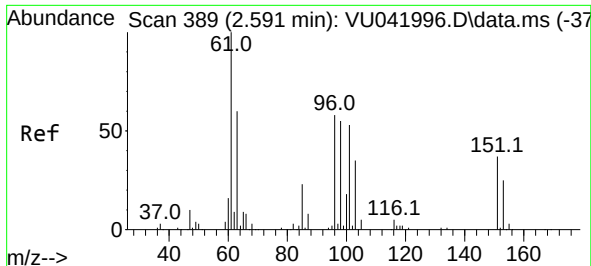
Tgt Ion: 85 Resp: 6350
Ion Ratio Lower Upper
85 100
87 35.1 25.7 38.5



#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

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

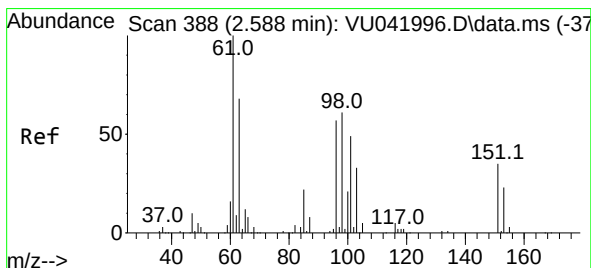
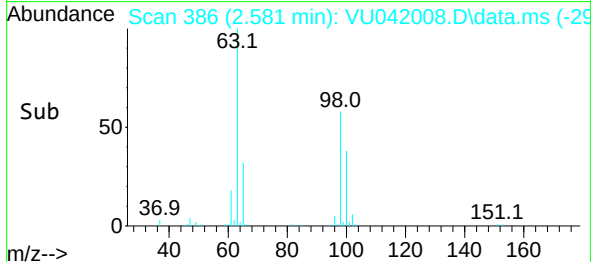
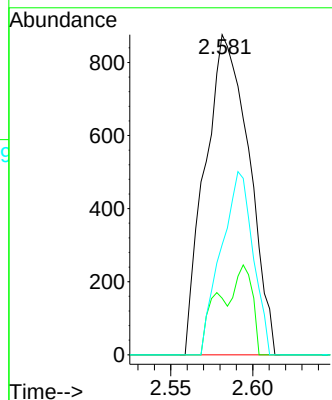
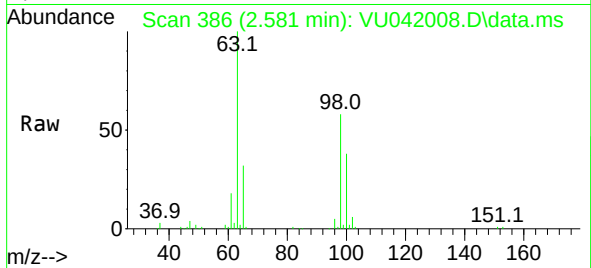




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.18 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU042008.D
 Acq: 14 Jan 2021 02:40

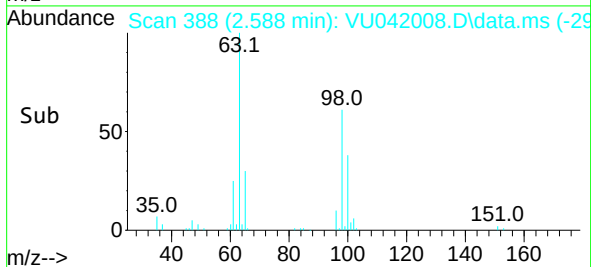
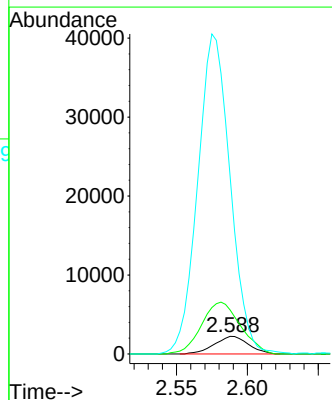
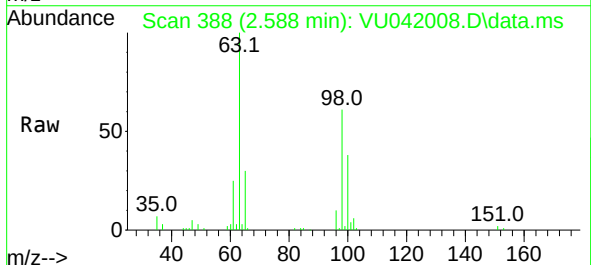
Instrument :
 MSVOA_U
 ClientSampled :
 BFXP3

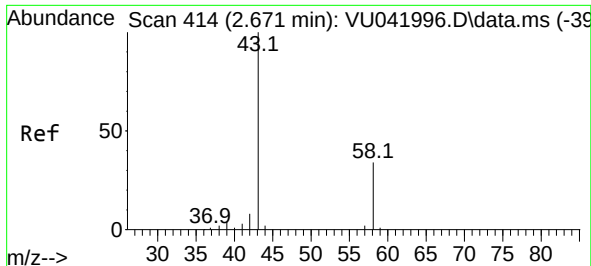
Tgt Ion: 101 Resp: 1621
 Ion Ratio Lower Upper
 101 100
 85 8.6 35.9 53.9#
 151 0.0 55.4 83.2#



#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

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#

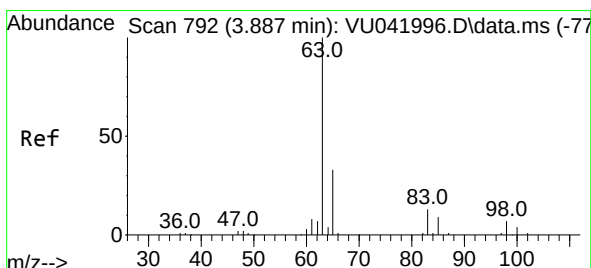
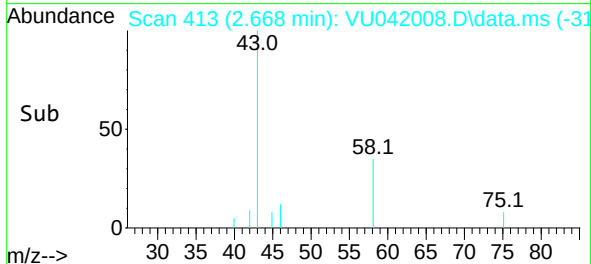
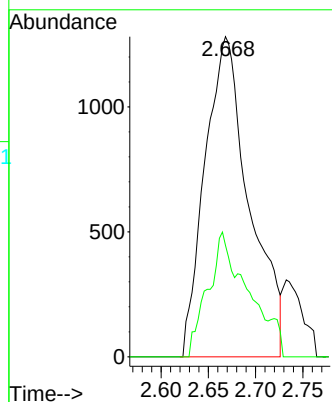
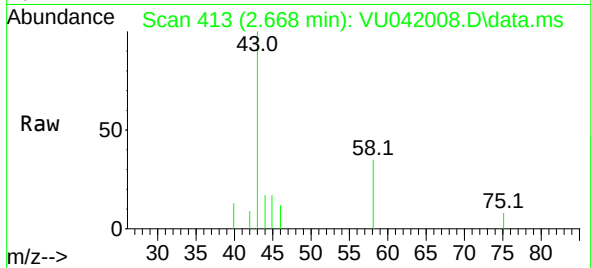




#13
Acetone
Concen: 2.32 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.003 min
Lab File: VU042008.D
Acq: 14 Jan 2021 02:40

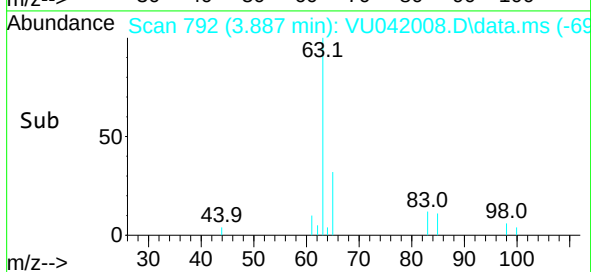
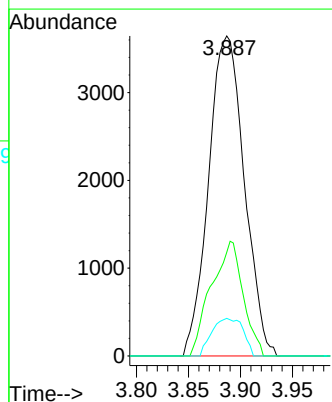
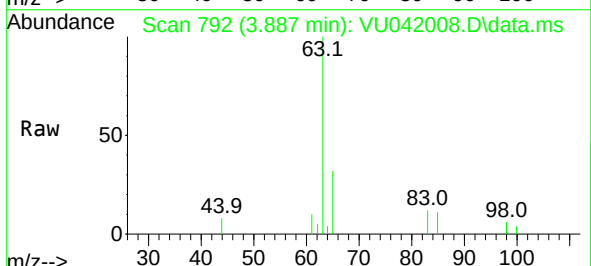
Instrument :
MSVOA_U
ClientSampled :
BFXP3

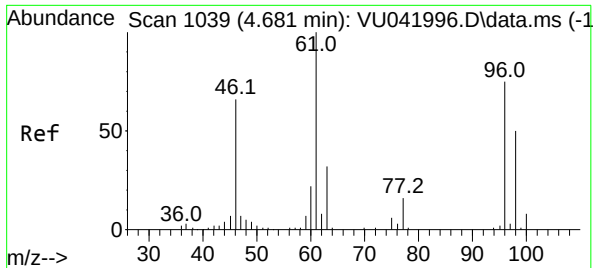
Tgt Ion: 43 Resp: 4174
Ion Ratio Lower Upper
43 100
58 32.9 0.0 57.4



#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





#22

cis-1,2-Dichloroethene

Concen: 0.65 ug/L

RT: 4.684 min Scan# 1040

Delta R.T. 0.003 min

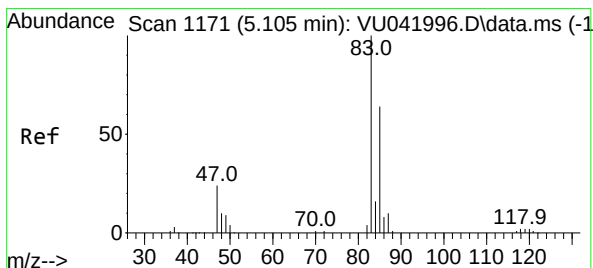
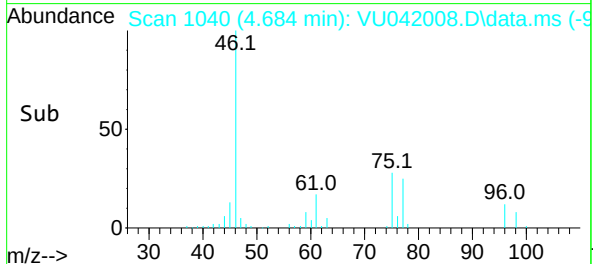
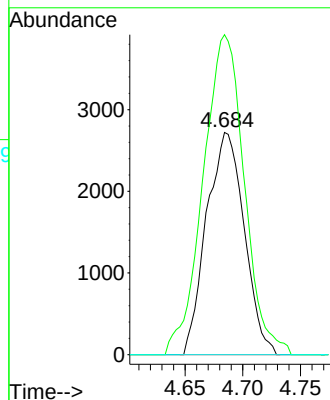
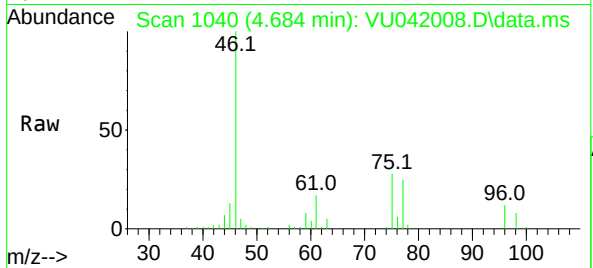
Lab File: VU042008.D

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

Instrument :
MSVOA_U
ClientSampleId :
BFXP3



#25

Chloroform

Concen: 0.40 ug/L

RT: 5.105 min Scan# 1171

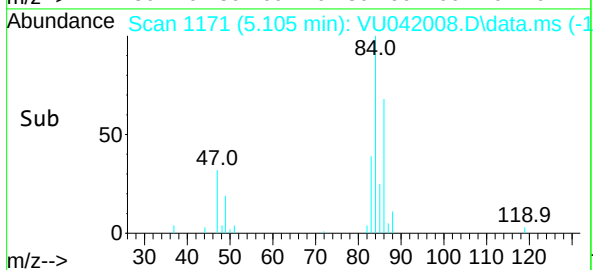
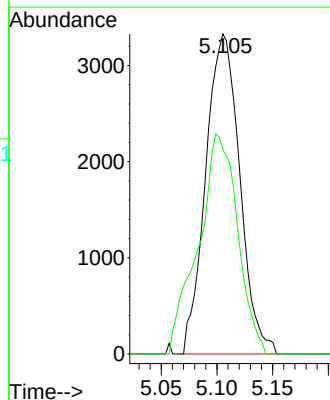
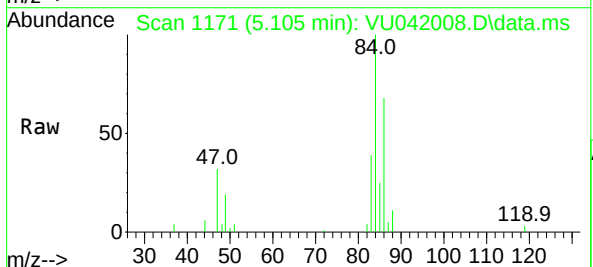
Delta R.T. 0.000 min

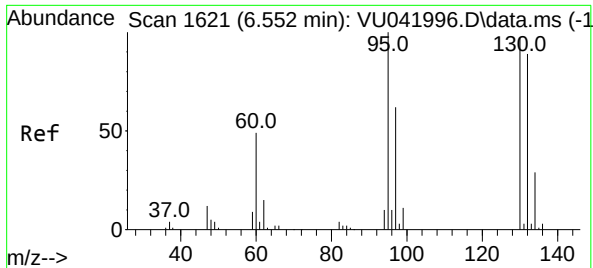
Lab File: VU042008.D

Acq: 14 Jan 2021 02:40

Tgt Ion: 83 Resp: 7080

Ion	Ratio	Lower	Upper
83	100		
85	63.9	46.1	85.7



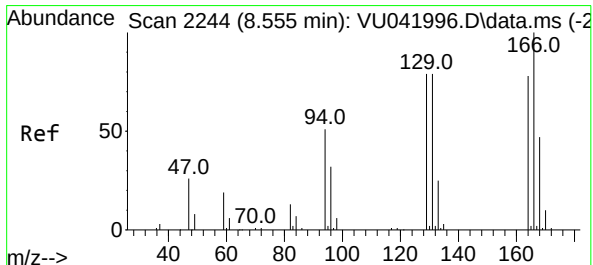
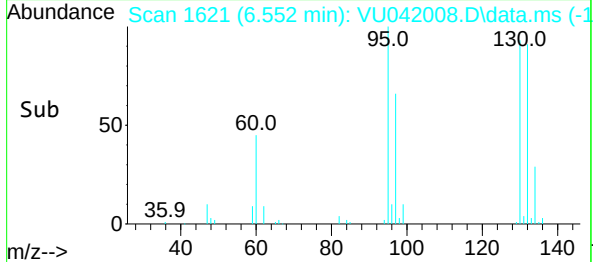
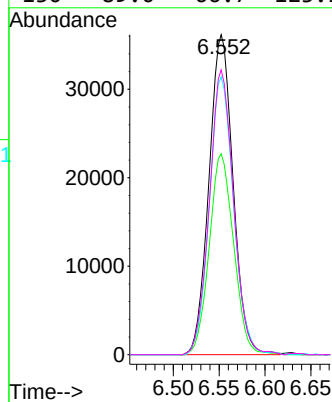
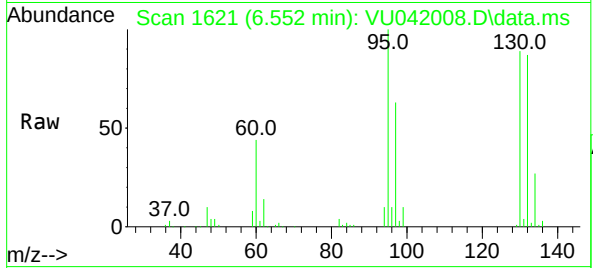


#34
Trichloroethene
Concen: 6.88 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042008.D
Acq: 14 Jan 2021 02:40

Instrument :
MSVOA_U
ClientSampleId :
BFXP3

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



#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

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

