

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
 Data File : VU044307.D
 Acq On : 02 Jul 2021 16:42
 Operator : SY/MD
 Sample : VIBLK134
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 05:01:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 03 04:56:00 2021
 Response via : Initial Calibration

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

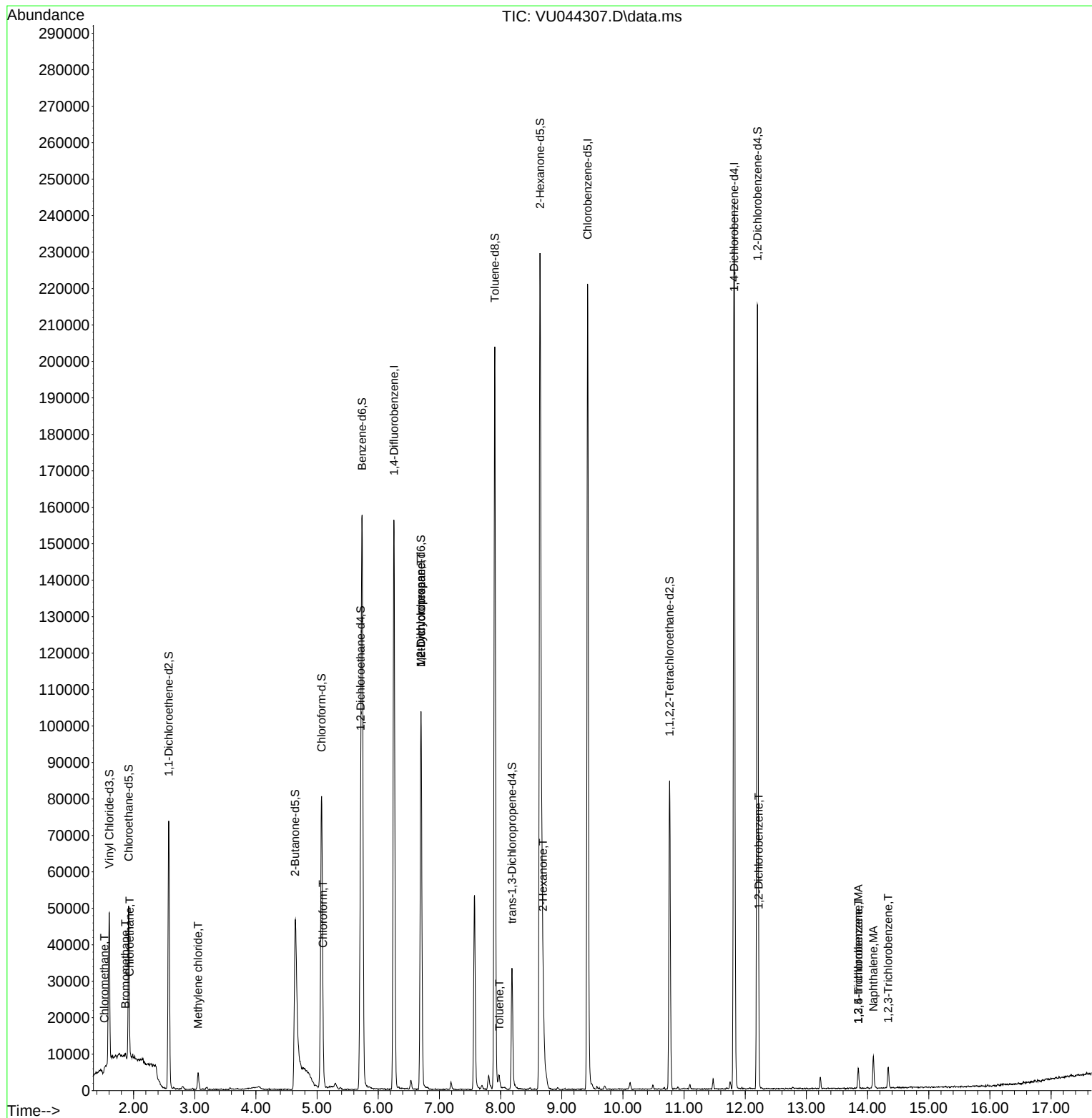
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	126626	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	121003	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	63994	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25273	3.686	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.919	69	29342	4.347	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.575	65	14121	4.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.642	46	99390	39.368	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.740%
24) Chloroform-d	5.073	84	72056	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.713	65	42232	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.735	84	142960	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.700	67	47401	4.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.906	98	132609	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.185	79	19359	4.285	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.645	63	115216	53.547	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.100%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	41771	4.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.201	152	55204	5.236	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	721	0.084	ug/L	86
6) Bromomethane	1.867	94	394	0.069	ug/L	93
8) Chloroethane	1.935	64	1232	0.202	ug/L #	53
16) Methylene chloride	3.054	84	2216	0.225	ug/L	91
25) Chloroform	5.096	83	2140	0.135	ug/L	92
35) Methylcyclohexane	6.700	83	11648	0.821	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	5176	0.617	ug/L #	87
42) Toluene	7.980	91	2741	0.078	ug/L	90
48) 2-Hexanone	8.694	43	7254	1.528	ug/L #	81
67) 1,2-Dichlorobenzene	12.221	146	1162	0.070	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.848	180	2112	0.158	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	2112	0.186	ug/L	99
71) Naphthalene	14.095	128	7503	0.366	ug/L	97
72) 1,2,3-Trichlorobenzene	14.336	180	2339	0.239	ug/L	96

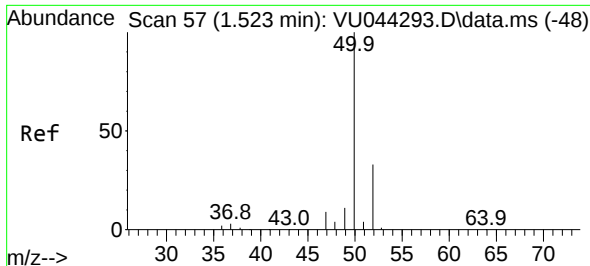
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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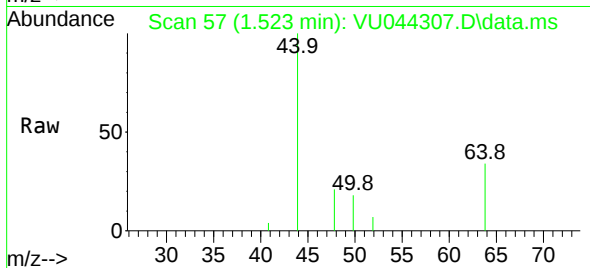
Quant Time: Jul 03 05:01:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 03 04:56:00 2021
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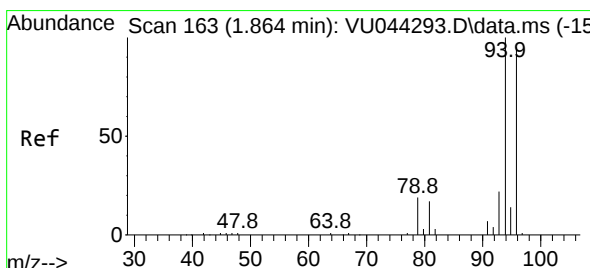
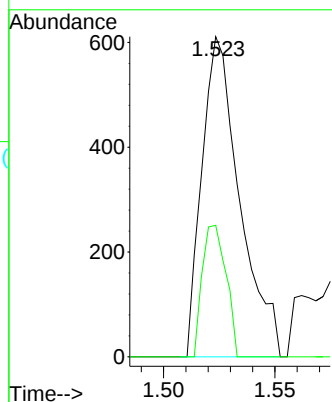
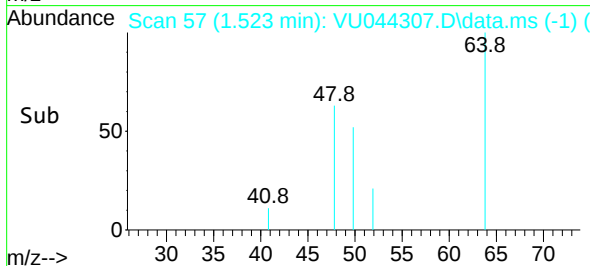


#3
Chloromethane
Concen: 0.084 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044307.D
Acq: 02 Jul 2021 16:42

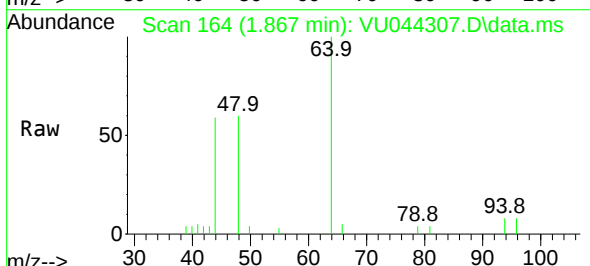
Instrument :
MSVOA_U
ClientSampled :



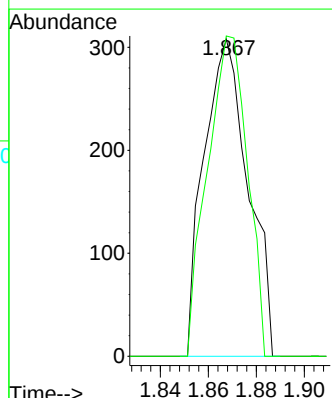
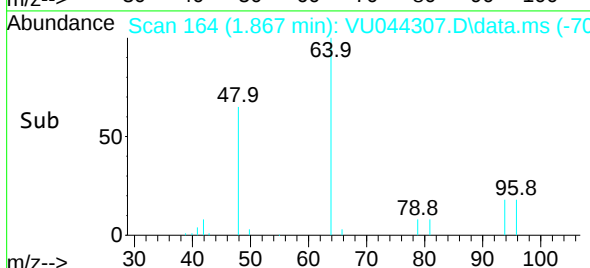
Tgt Ion: 50 Resp: 721
Ion Ratio Lower Upper
50 100
52 41.1 23.1 42.9

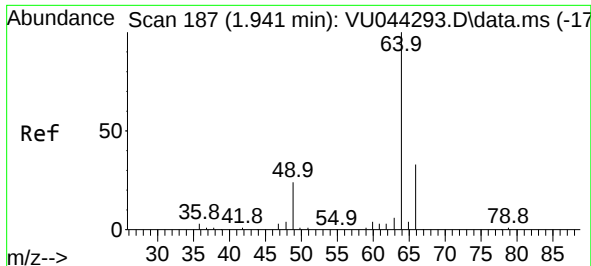


#6
Bromomethane
Concen: 0.069 ug/L
RT: 1.867 min Scan# 164
Delta R.T. 0.003 min
Lab File: VU044307.D
Acq: 02 Jul 2021 16:42



Tgt Ion: 94 Resp: 394
Ion Ratio Lower Upper
94 100
96 101.0 65.8 122.2

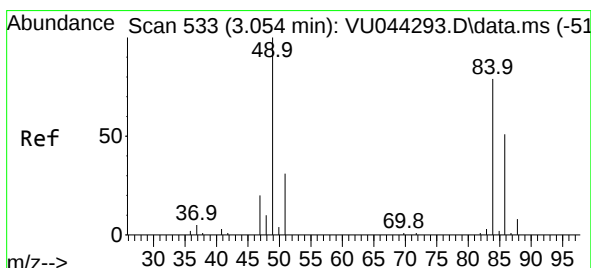
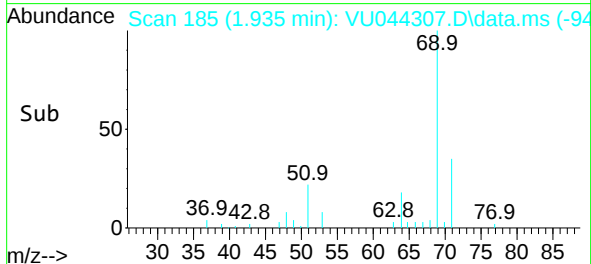
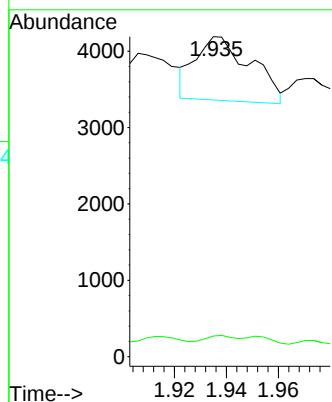
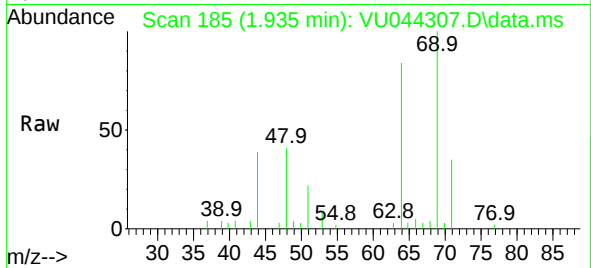




#8
Chloroethane
Concen: 0.202 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.006 min
Lab File: VU044307.D
Acq: 02 Jul 2021 16:42

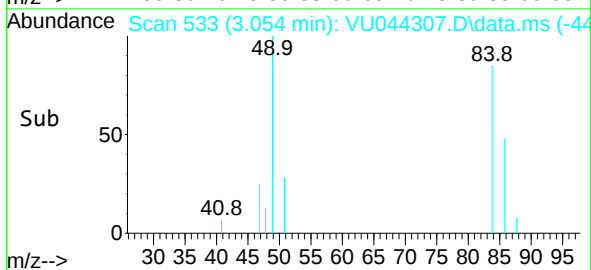
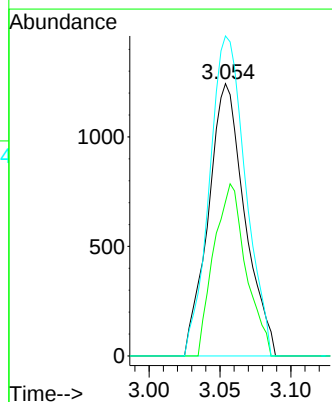
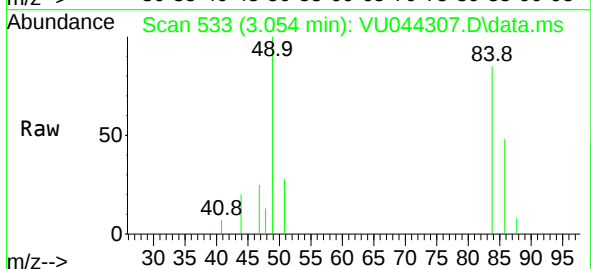
Instrument :
MSVOA_U
ClientSampled :

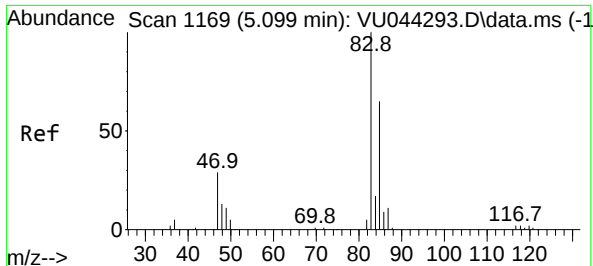
Tgt Ion: 64 Resp: 1232
Ion Ratio Lower Upper
64 100
66 6.3 22.7 42.3#



#16
Methylene chloride
Concen: 0.225 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044307.D
Acq: 02 Jul 2021 16:42

Tgt Ion: 84 Resp: 2216
Ion Ratio Lower Upper
84 100
86 56.6 46.1 85.5
49 117.5 88.4 164.2





#25

Chloroform

Concen: 0.135 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU044307.D

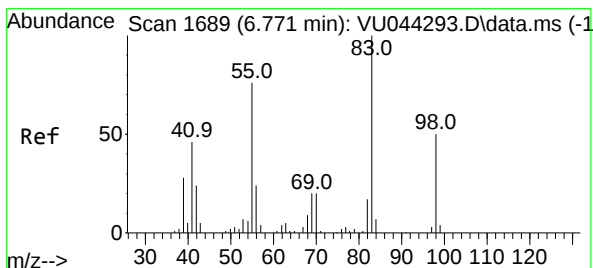
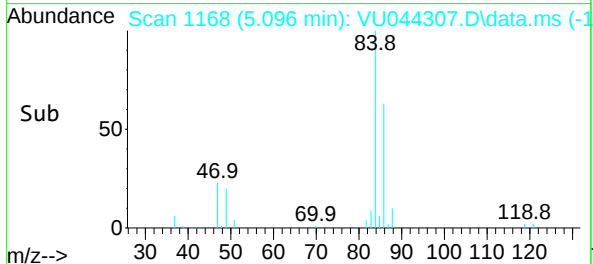
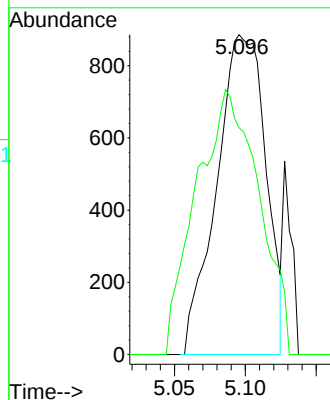
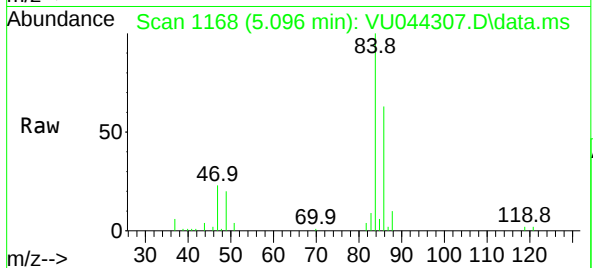
Acq: 02 Jul 2021 16:42

Tgt Ion: 83 Resp: 2140

Ion Ratio Lower Upper

83 100

85 70.9 45.2 84.0



#35

Methylcyclohexane

Concen: 0.821 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.071 min

Lab File: VU044307.D

Acq: 02 Jul 2021 16:42

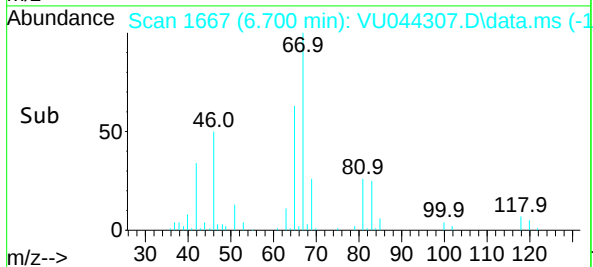
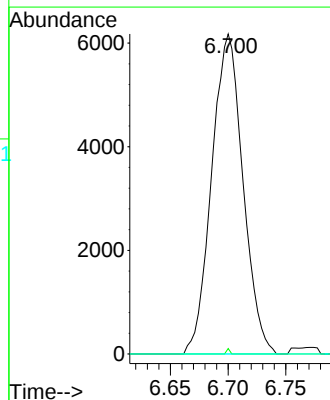
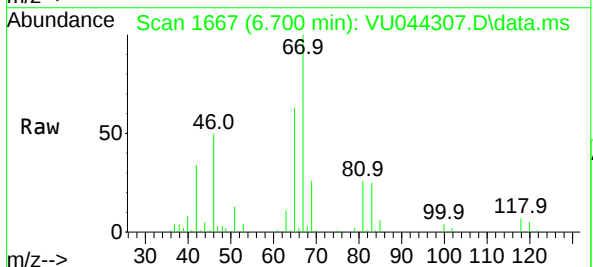
Tgt Ion: 83 Resp: 11648

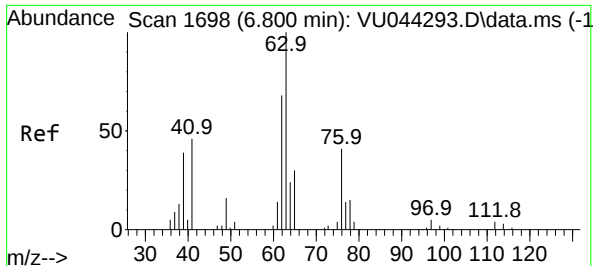
Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.0#

98 0.0 39.4 59.0#



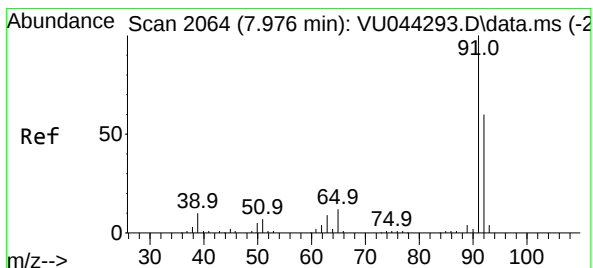
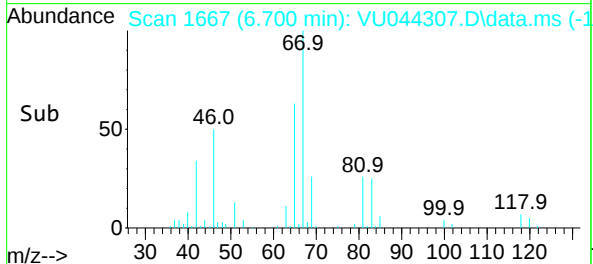
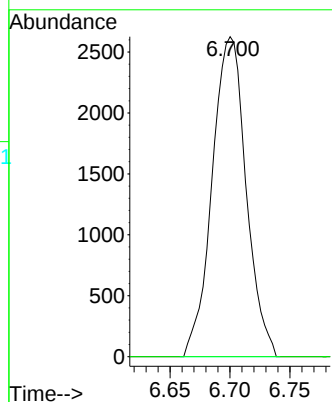
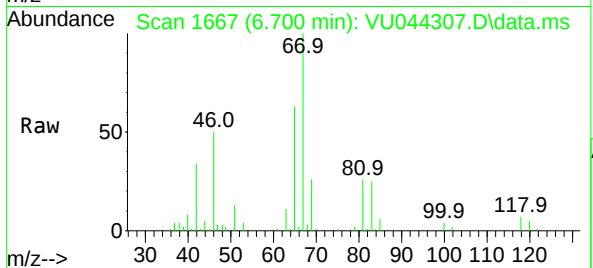


#37

1,2-Dichloropropane
Concen: 0.617 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU044307.D
Acq: 02 Jul 2021 16:42

Instrument :
MSVOA_U
ClientSampled :

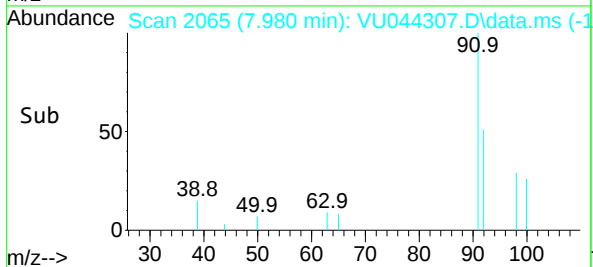
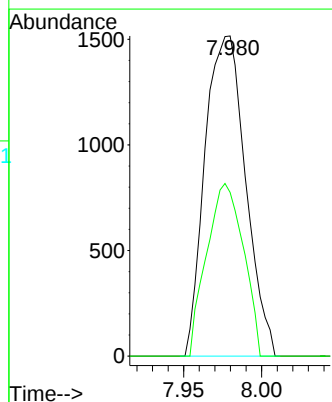
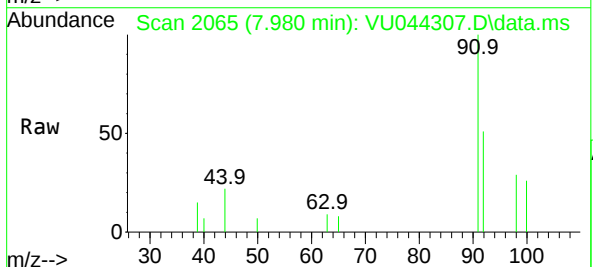
Tgt Ion: 63 Resp: 5176
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

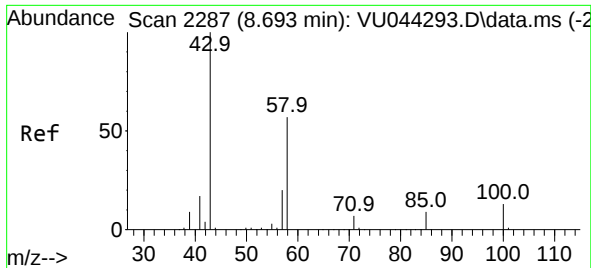


#42

Toluene
Concen: 0.078 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU044307.D
Acq: 02 Jul 2021 16:42

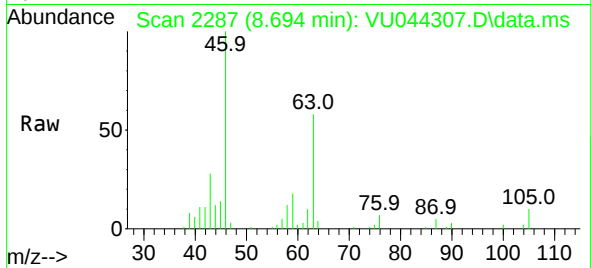
Tgt Ion: 91 Resp: 2741
Ion Ratio Lower Upper
91 100
92 51.1 41.2 76.6



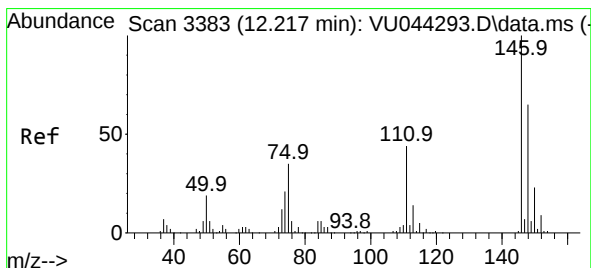
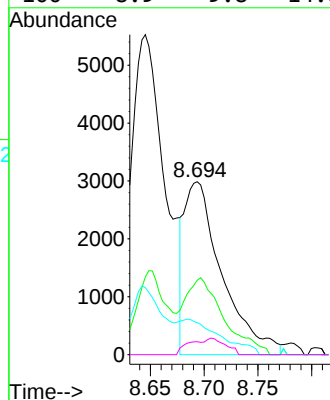
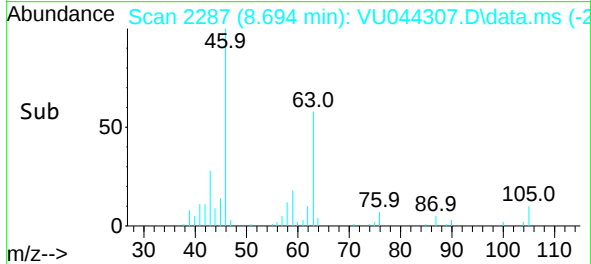


#48
2-Hexanone
Concen: 1.528 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044307.D
Acq: 02 Jul 2021 16:42

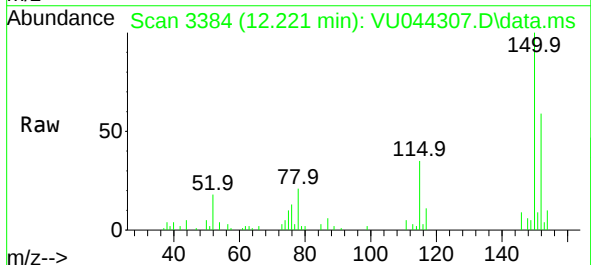
Instrument :
MSVOA_U
ClientSampled :



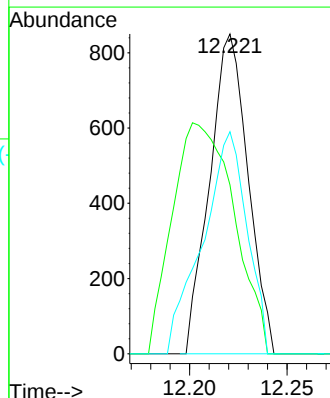
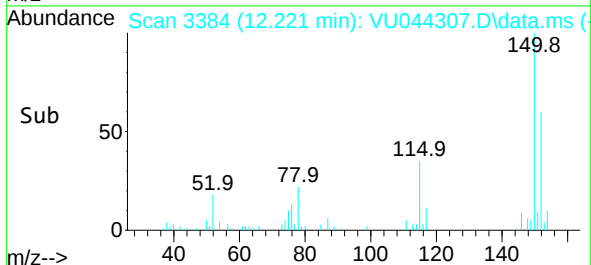
Tgt Ion: 43 Resp: 7254
Ion Ratio Lower Upper
43 100
58 46.6 44.7 67.1
57 0.0 15.7 23.5#
100 8.9 9.8 14.8#

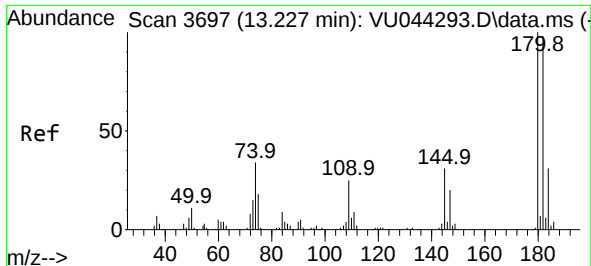


#67
1,2-Dichlorobenzene
Concen: 0.070 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044307.D
Acq: 02 Jul 2021 16:42



Tgt Ion: 146 Resp: 1162
Ion Ratio Lower Upper
146 100
111 52.8 35.0 52.6#
148 69.4 51.2 76.8

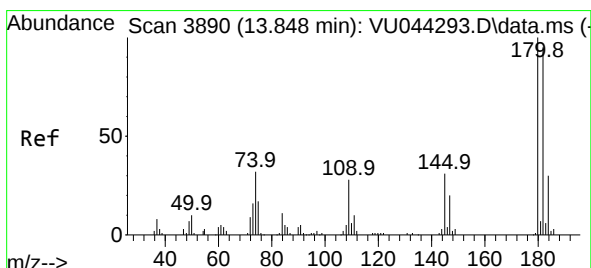
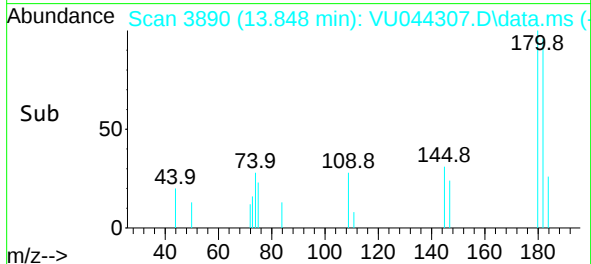
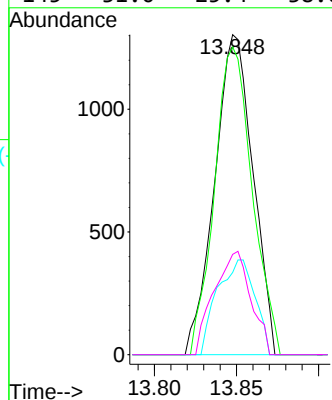
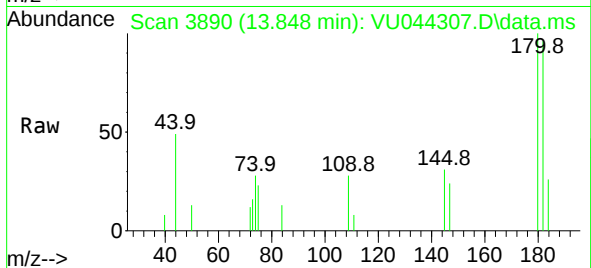




#69
1,3,5-Trichlorobenzene
Concen: 0.158 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.621 min
Lab File: VU044307.D
Acq: 02 Jul 2021 16:42

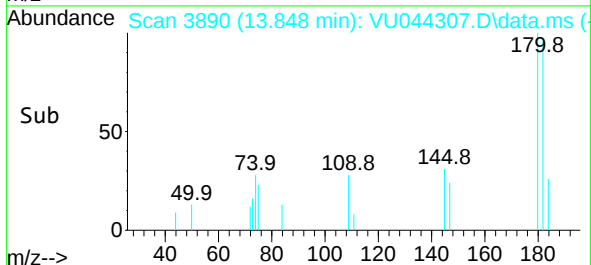
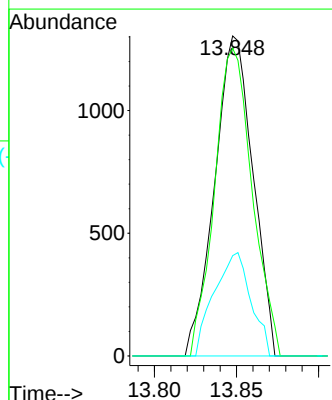
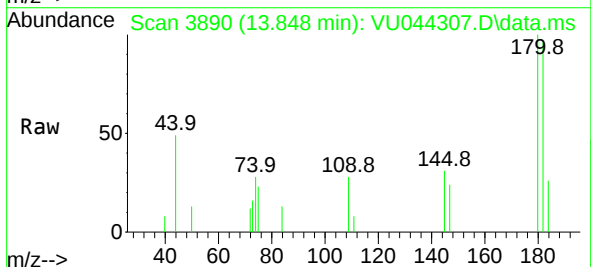
Instrument :
MSVOA_U
ClientSampled :

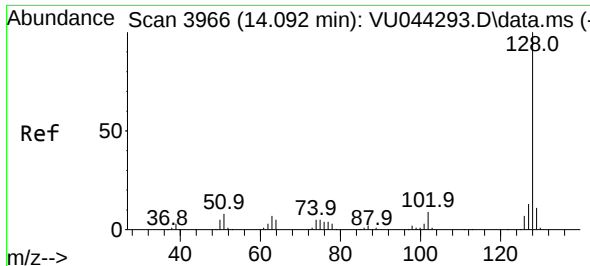
Tgt Ion:180 Resp: 2112
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.6
184 29.1 23.8 35.8
145 31.0 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 0.186 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU044307.D
Acq: 02 Jul 2021 16:42

Tgt Ion:180 Resp: 2112
Ion Ratio Lower Upper
180 100
182 94.8 75.7 113.5
145 31.0 25.6 38.4

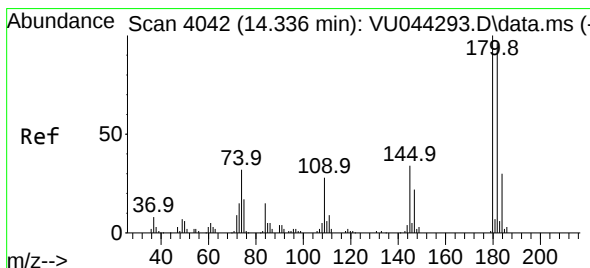
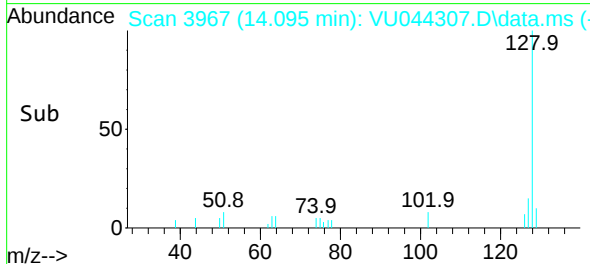
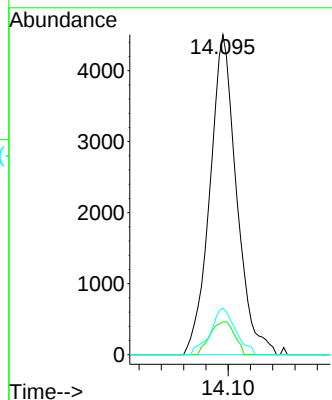
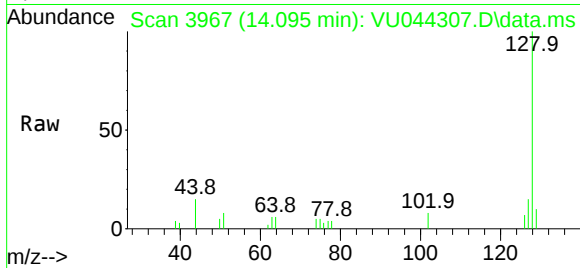




#71
Naphthalene
Concen: 0.366 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044307.D
Acq: 02 Jul 2021 16:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 7503
Ion Ratio Lower Upper
128 100
129 9.4 8.9 13.3
127 13.8 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 0.239 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044307.D
Acq: 02 Jul 2021 16:42

Tgt Ion:180 Resp: 2339
Ion Ratio Lower Upper
180 100
182 93.4 76.4 114.6
145 27.3 26.5 39.7

