

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043838.D
 Acq On : 19 May 2021 19:50
 Operator : SY/MD
 Sample : M2464-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Y7

Quant Time: May 20 03:57:23 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	6.256	114	222732	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	223870	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103442	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	63375	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.916	69	42253	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.572	65	28062	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	4.639	46	191715	61.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.78%
24) Chloroform-d	5.073	84	127649	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.710	65	65431	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.736	84	263765	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.700	67	82793	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.906	98	222673	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloroprop...	8.186	79	28983	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.642	63	149758	49.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.86%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	70141	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	90019	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

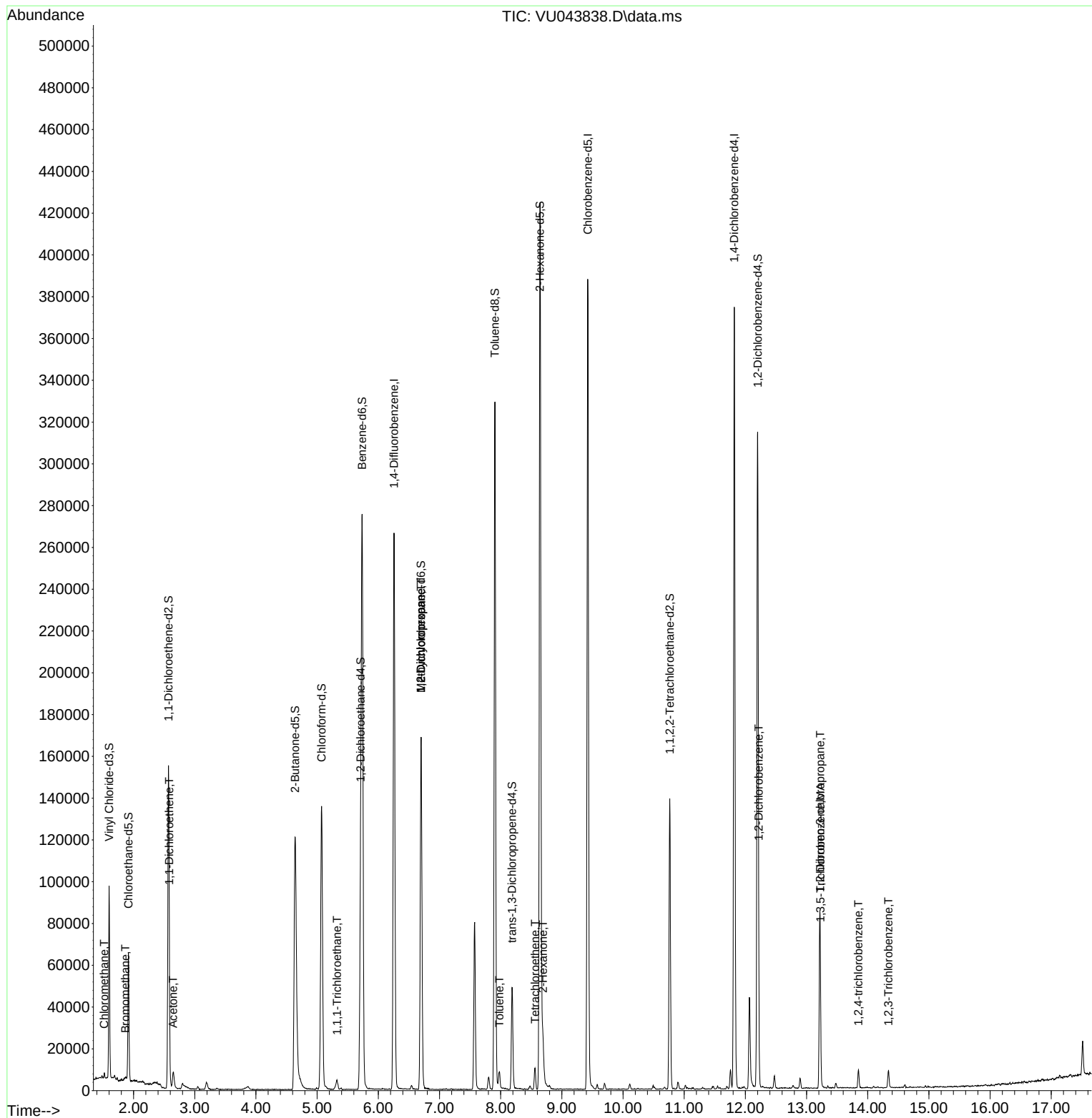
Target Compounds				Qvalue		
3) Chloromethane	1.520	50	2370	0.12	ug/L	100
6) Bromomethane	1.864	94	842	0.08	ug/L	91
12) 1,1-Dichloroethene	2.584	96	2402	0.16	ug/L #	1
13) Acetone	2.646	43	9922	5.00	ug/L	95
29) 1,1,1-Trichloroethane	5.324	97	3112	0.13	ug/L	96
35) Methylcyclohexane	6.700	83	19058	0.74	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8384	0.49	ug/L #	88
42) Toluene	7.980	91	6375	0.09	ug/L	95
47) Tetrachloroethene	8.562	164	2644	0.20	ug/L	88
48) 2-Hexanone	8.694	43	10233	1.28	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	1784	0.06	ug/L #	72
68) 1,2-Dibromo-3-chloropr...	13.224	75	607	0.30	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.227	180	2238	0.10	ug/L	95
70) 1,2,4-trichlorobenzene	13.848	180	3230	0.17	ug/L	97
72) 1,2,3-Trichlorobenzene	14.340	180	3253	0.18	ug/L	97

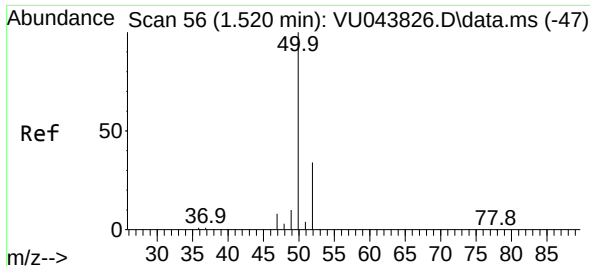
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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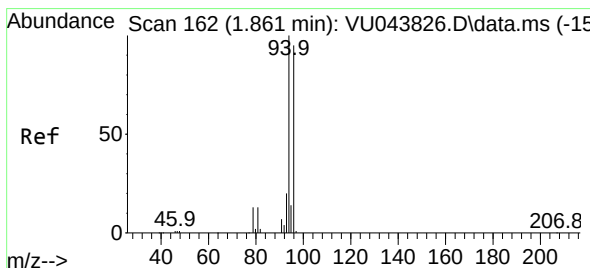
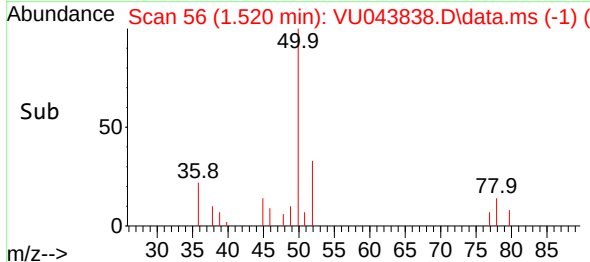
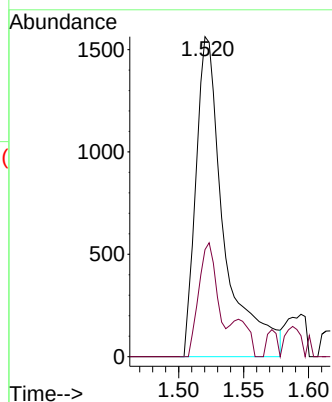
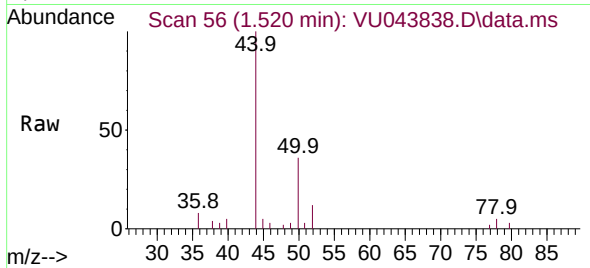




#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

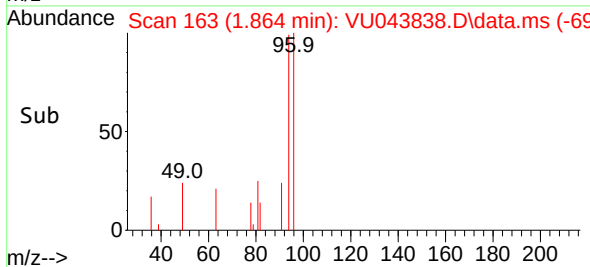
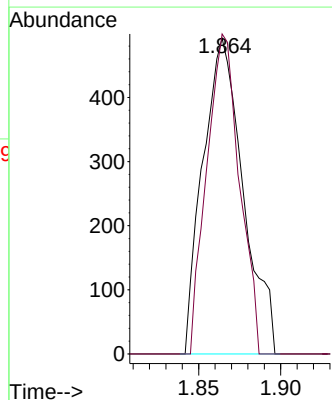
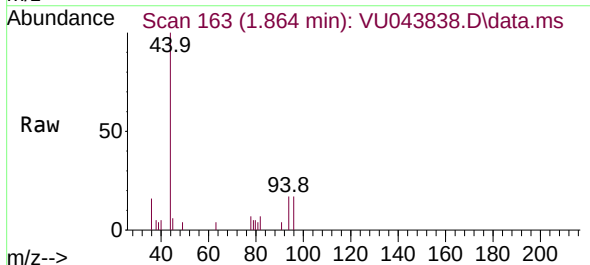
Instrument :
MSVOA_U
ClientSampled :
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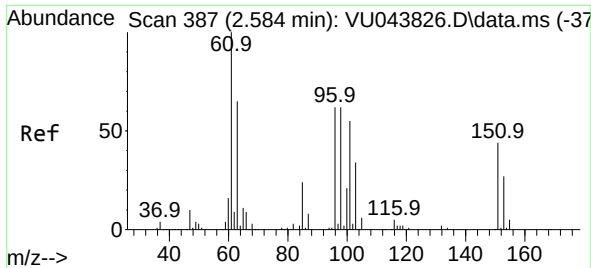
Tgt Ion: 50 Resp: 2370
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.2



#6
Bromomethane
Concen: 0.08 ug/L
RT: 1.864 min Scan# 163
Delta R.T. 0.003 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

Tgt Ion: 94 Resp: 842
Ion Ratio Lower Upper
94 100
96 101.4 65.0 120.8

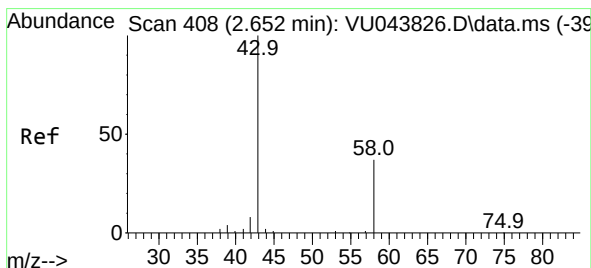
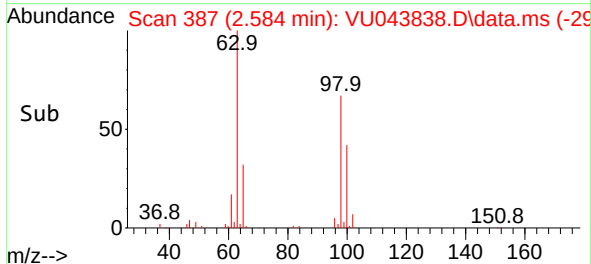
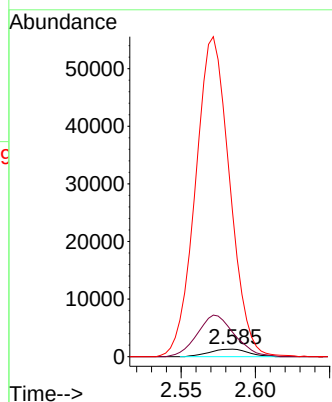
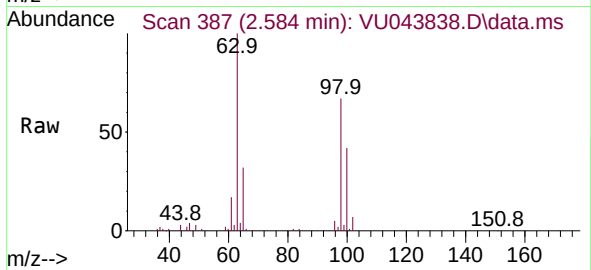




#12
1,1-Dichloroethene
Concen: 0.16 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

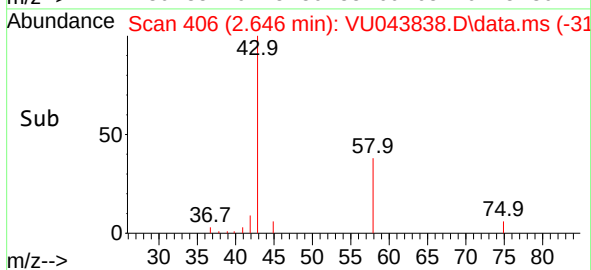
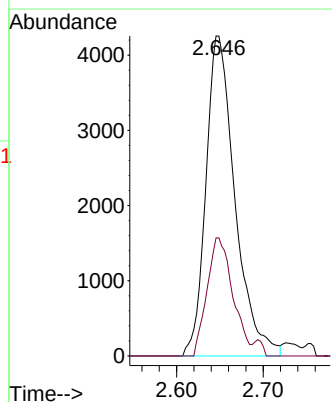
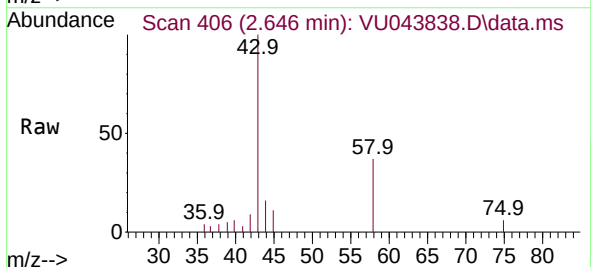
Instrument :
MSVOA_U
ClientSampleId :
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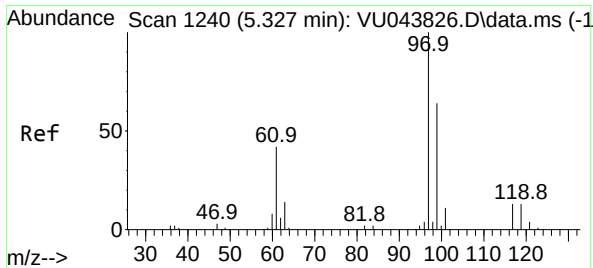
Tgt Ion: 96 Resp: 2402
Ion Ratio Lower Upper
96 100
61 328.2 117.5 218.1#
63 1939.2 77.3 143.7#



#13
Acetone
Concen: 5.00 ug/L
RT: 2.646 min Scan# 406
Delta R.T. -0.006 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

Tgt Ion: 43 Resp: 9922
Ion Ratio Lower Upper
43 100
58 32.9 0.0 71.6

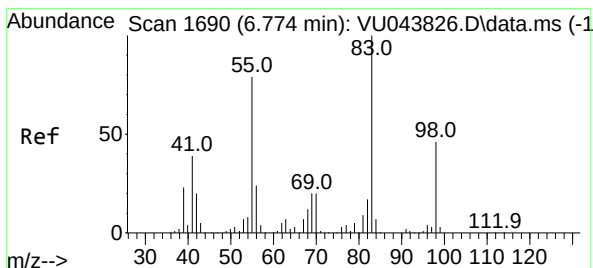
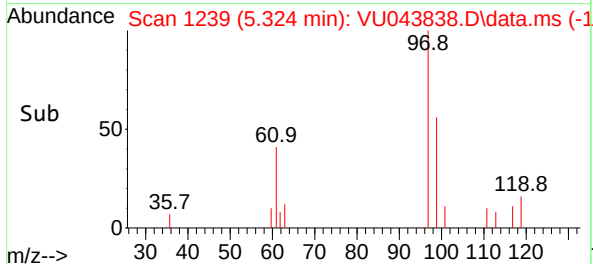
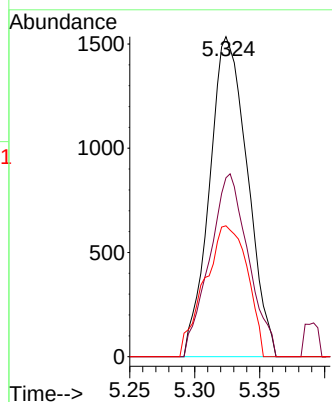
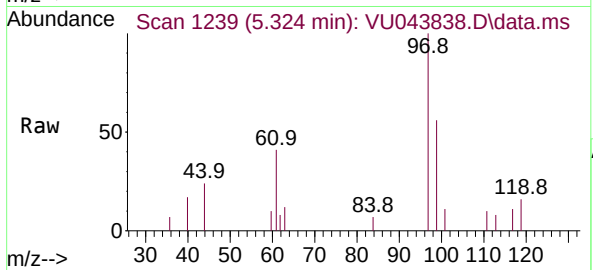




#29
1,1,1-Trichloroethane
Concen: 0.13 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

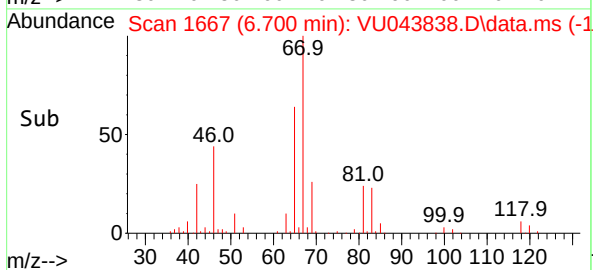
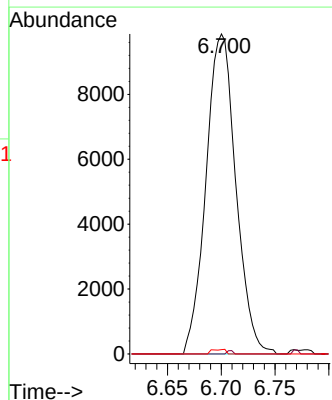
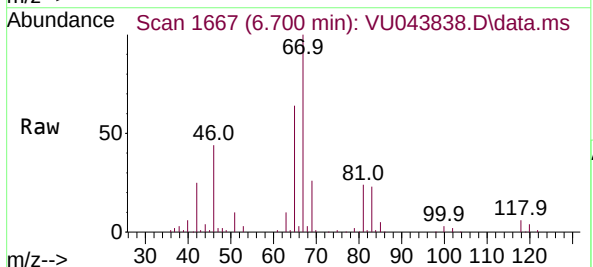
Instrument :
MSVOA_U
ClientSampleId :
GB3Y7

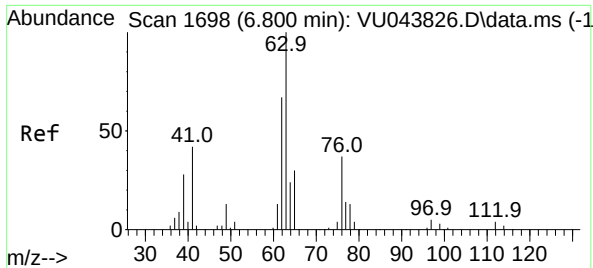
Tgt Ion:	97	Resp:	3112
Ion	Ratio	Lower	Upper
97	100		
99	58.4	51.1	76.7
61	46.1	37.0	55.4



#35
Methylcyclohexane
Concen: 0.74 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

Tgt Ion:	83	Resp:	19058
Ion	Ratio	Lower	Upper
83	100		
55	0.2	64.8	97.2#
98	0.7	35.9	53.9#



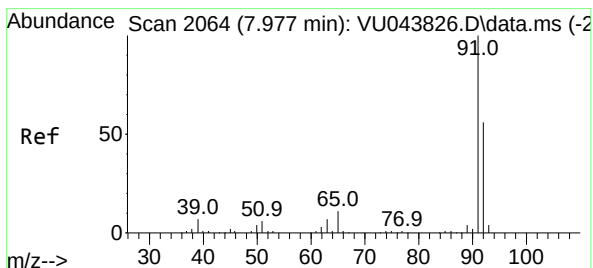
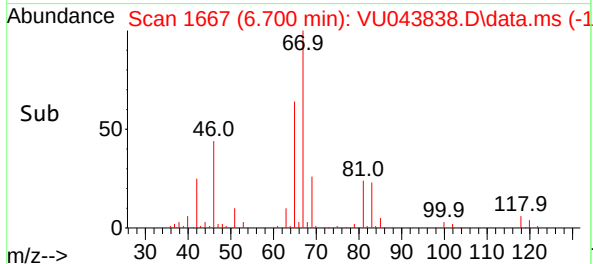
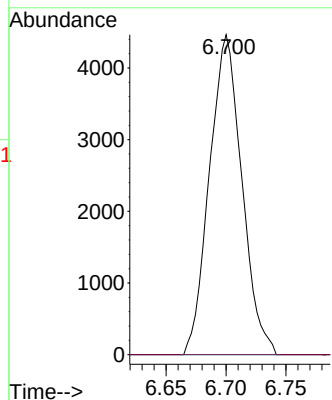
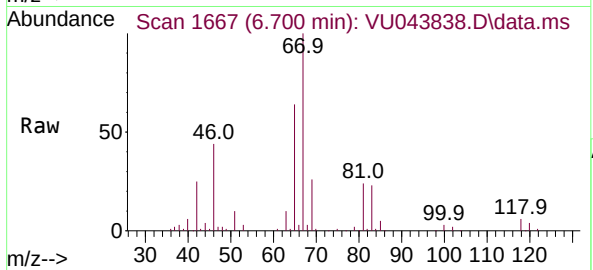


#37

1,2-Dichloropropane
Concen: 0.49 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

Instrument :
MSVOA_U
ClientSampleId :
GB3Y7

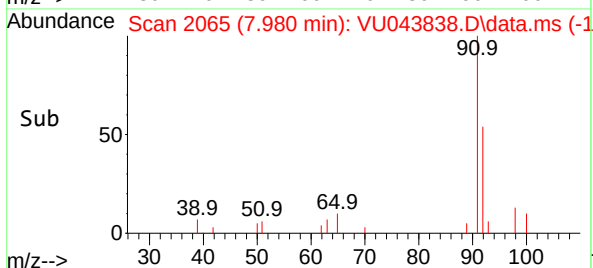
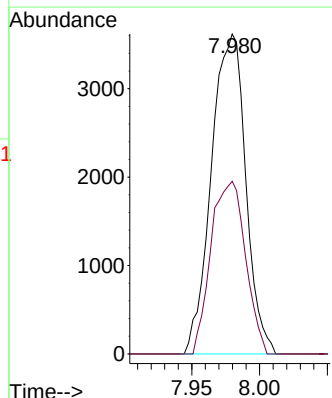
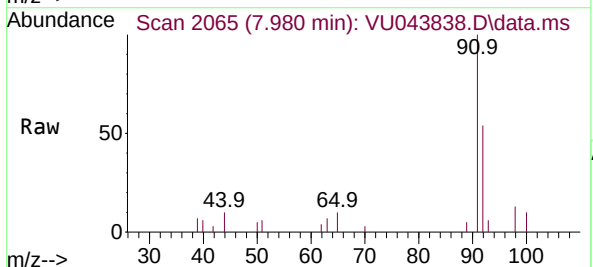
Tgt Ion: 63 Resp: 8384
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

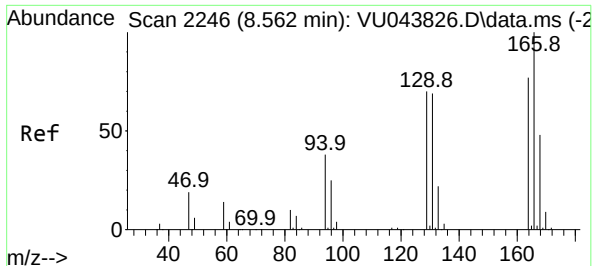


#42

Toluene
Concen: 0.09 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

Tgt Ion: 91 Resp: 6375
Ion Ratio Lower Upper
91 100
92 53.9 40.3 74.8



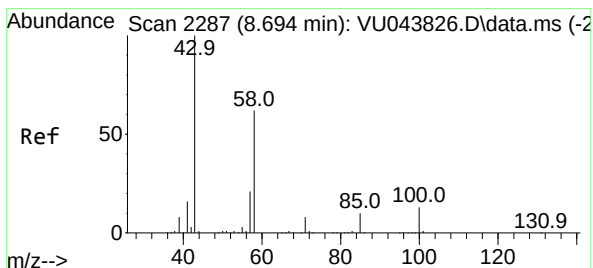
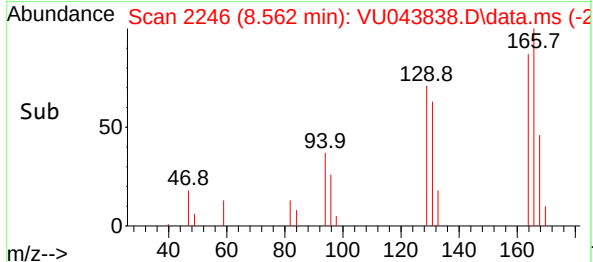
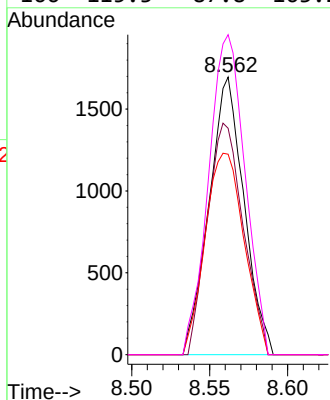
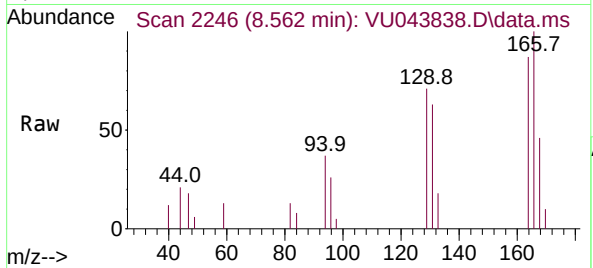


#47
Tetrachloroethene
Concen: 0.20 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

Instrument :
MSVOA_U
ClientSampleId :
GB3Y7

Tgt Ion:164 Resp: 2644

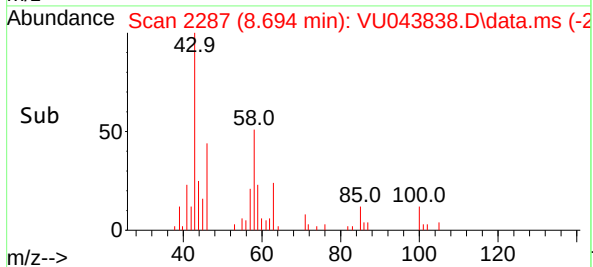
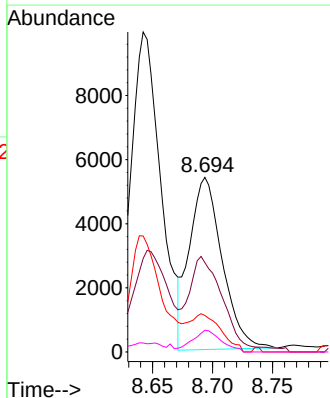
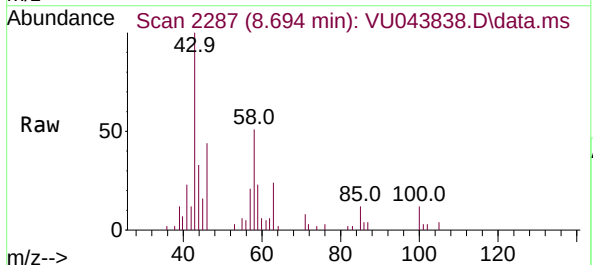
Ion	Ratio	Lower	Upper
164	100		
129	81.5	64.1	119.1
131	72.2	61.2	113.8
166	115.3	87.8	163.2

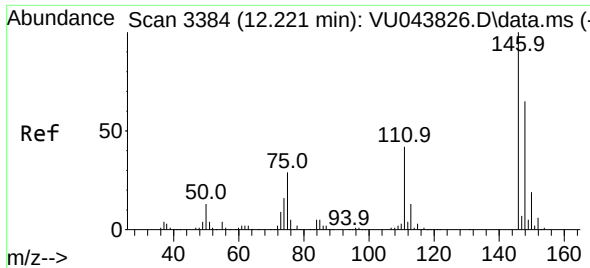


#48
2-Hexanone
Concen: 1.28 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

Tgt Ion: 43 Resp: 10233

Ion	Ratio	Lower	Upper
43	100		
58	59.2	47.0	70.4
57	20.2	15.8	23.8
100	11.0	9.0	13.4

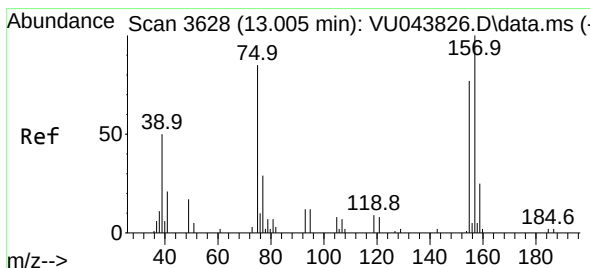
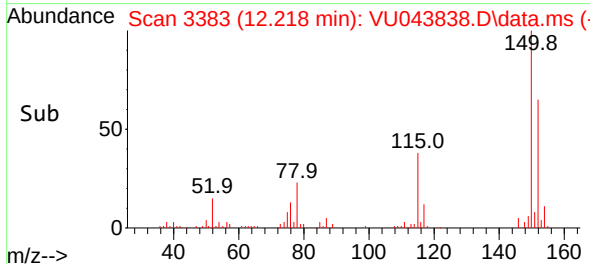
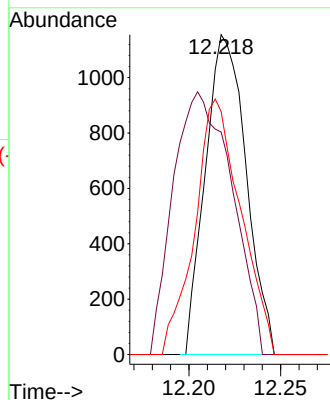
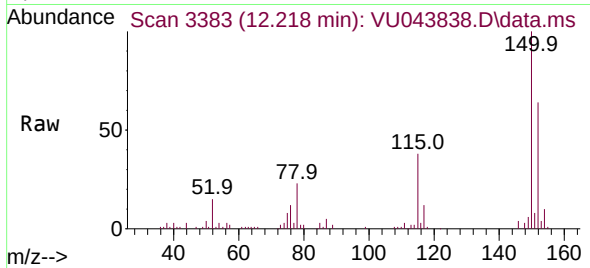




#67
1,2-Dichlorobenzene
Concen: 0.06 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

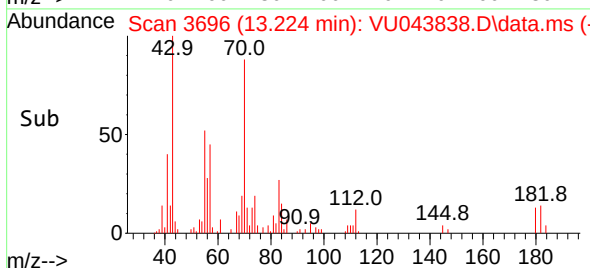
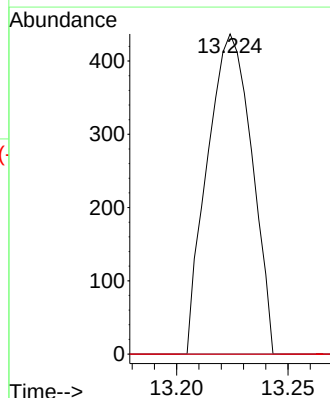
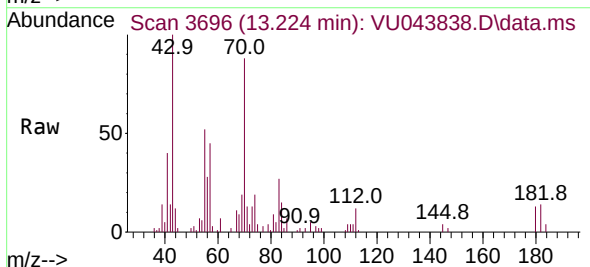
Instrument :
MSVOA_U
ClientSampled :
GB3Y7

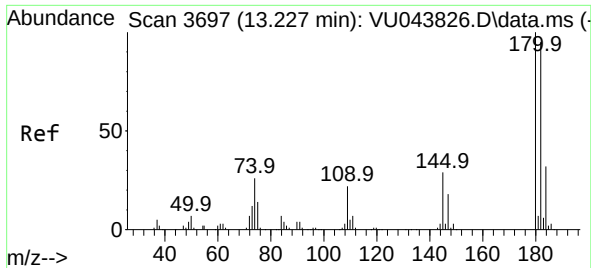
Tgt Ion:	146	Resp:	1784
Ion	Ratio	Lower	Upper
146	100		
111	69.5	33.6	50.4#
148	75.9	50.2	75.2#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.30 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.219 min
Lab File: VU043838.D
Acq: 19 May 2021 19:50

Tgt Ion:	75	Resp:	607
Ion	Ratio	Lower	Upper
75	100		
155	0.0	68.7	103.1#
157	0.0	87.7	131.5#

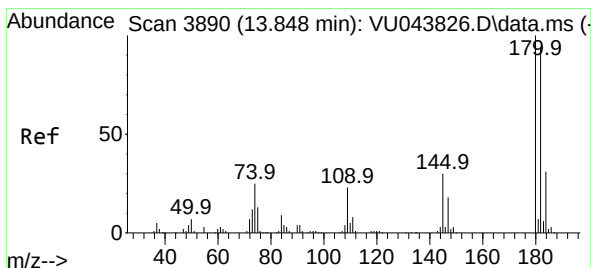
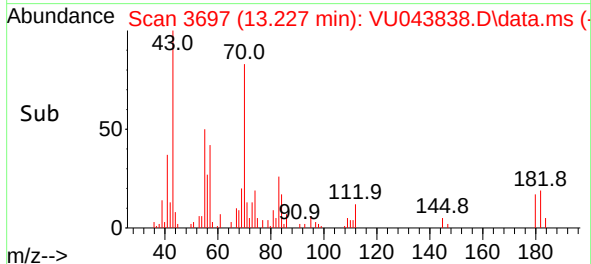
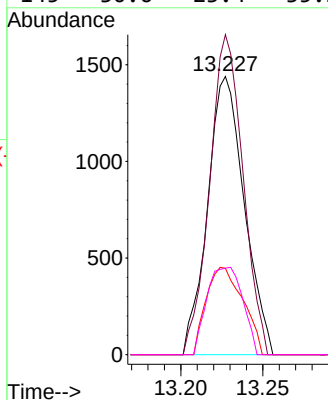
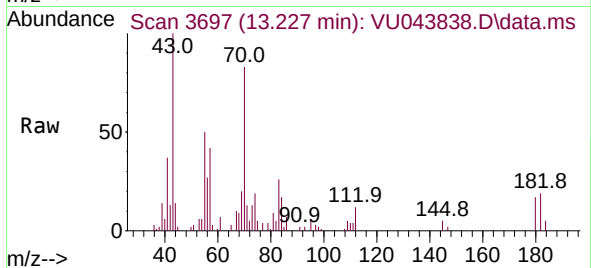




#69
 1,3,5-Trichlorobenzene
 Concen: 0.10 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VU043838.D
 Acq: 19 May 2021 19:50

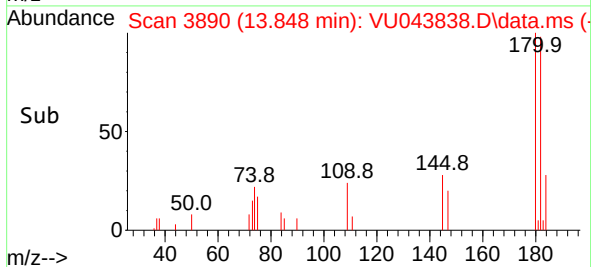
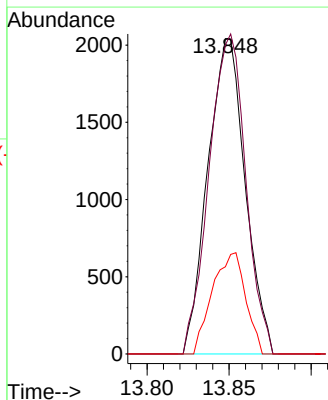
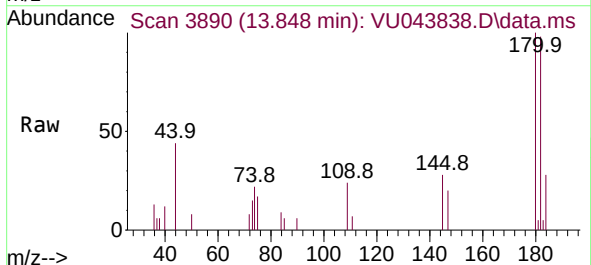
Instrument :
 MSVOA_U
 ClientSampled :
 GB3Y7

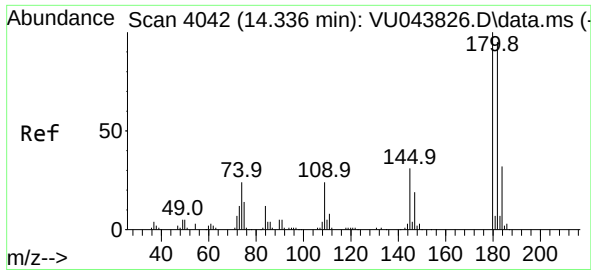
Tgt Ion:	180	Resp:	2238
Ion Ratio	Lower	Upper	
180	100		
182	104.2	78.2	117.2
184	31.5	24.8	37.2
145	30.6	23.4	35.2



#70
 1,2,4-trichlorobenzene
 Concen: 0.17 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.000 min
 Lab File: VU043838.D
 Acq: 19 May 2021 19:50

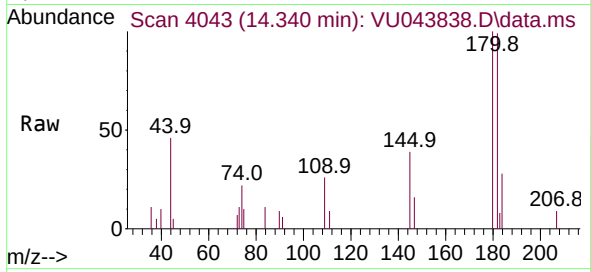
Tgt Ion:	180	Resp:	3230
Ion Ratio	Lower	Upper	
180	100		
182	99.4	76.9	115.3
145	28.6	23.0	34.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.18 ug/L
 RT: 14.340 min Scan# 4043
 Delta R.T. 0.003 min
 Lab File: VU043838.D
 Acq: 19 May 2021 19:50

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Y7



Tgt Ion:	180	Resp:	3253
Ion Ratio	Lower	Upper	
180	100		
182	98.9	77.0	115.4
145	32.5	24.6	36.8

