

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042035.D
 Acq On : 14 Jan 2021 15:25
 Operator : SY/MD
 Sample : M1129-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT67

Quant Time: Jan 15 05:25:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 05:20:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	121730	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111907	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	55181	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40387	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.919	69	42147	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.571	63	61223	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.655	46	169353	54.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.88%
24) Chloroform-d	5.079	84	90192	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.716	65	52360	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.742	84	170357	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.700	67	58769	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.906	98	140941	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloroprop...	8.185	79	22429	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.642	63	138850	56.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.60%
57) 1,1,2,2-Tetrachloroeth...	10.758	84	56463	6.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	125.00%#
64) 1,2-Dichlorobenzene-d4	12.188	152	57047	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

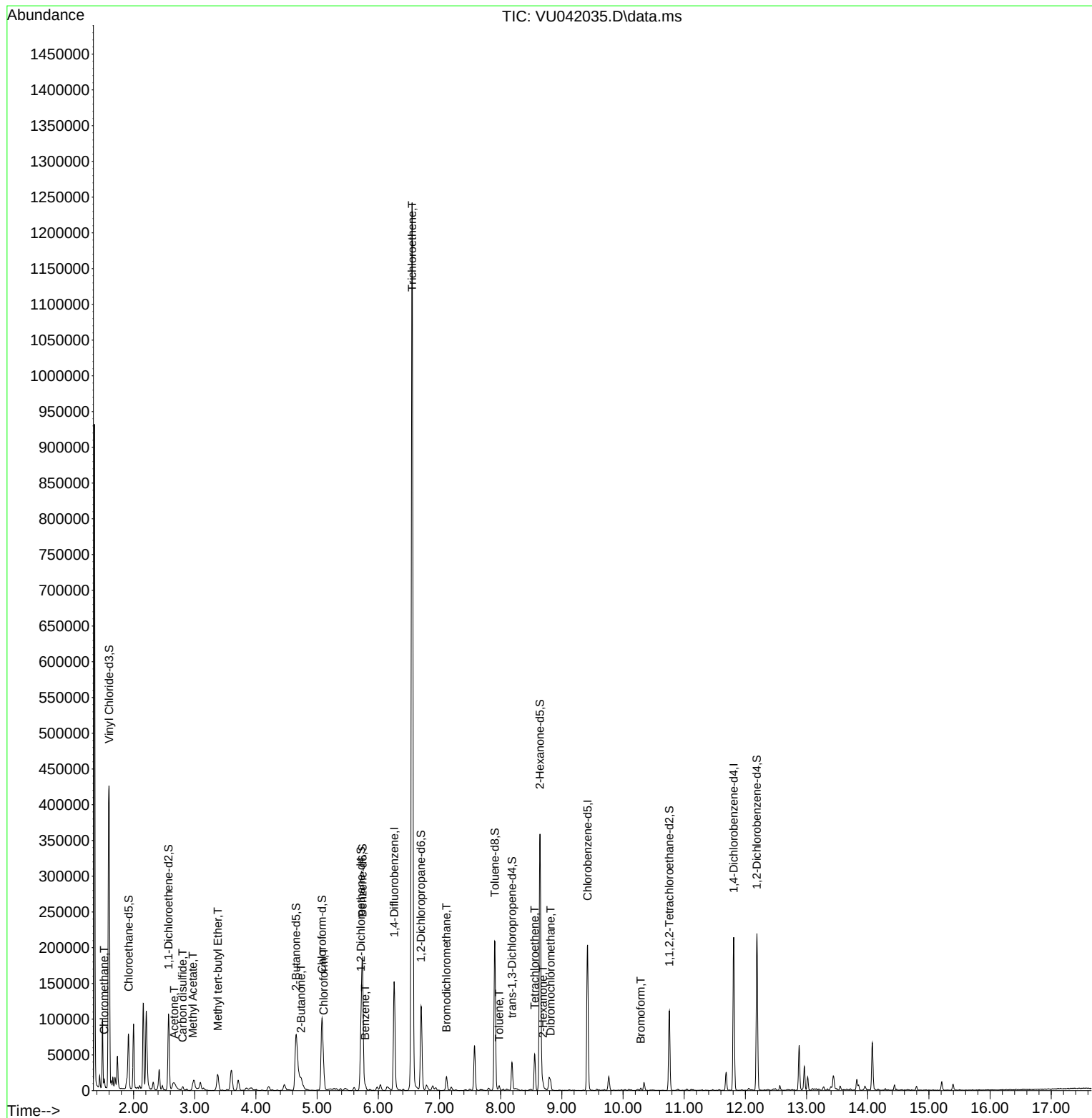
Target Compounds				Qvalue		
3) Chloromethane	1.520	50	6761	0.48	ug/L	94
13) Acetone	2.665	43	20747	10.77	ug/L	86
14) Carbon disulfide	2.800	76	4093	0.13	ug/L	99
15) Methyl Acetate	2.970	43	7494	1.59	ug/L #	67
17) Methyl tert-butyl Ether	3.379	73	12986	0.52	ug/L #	17
21) 2-Butanone	4.739	43	21719	7.07	ug/L	98
25) Chloroform	5.105	83	20809	1.09	ug/L	92
33) Benzene	5.787	78	5990	0.14	ug/L	100
34) Trichloroethene	6.552	95	437317	42.24	ug/L	99
38) Bromodichloromethane	7.115	83	12059	0.86	ug/L	99
42) Toluene	7.976	91	3941	0.09	ug/L	95
47) Tetrachloroethene	8.555	164	10860	1.62	ug/L	92
48) 2-Hexanone	8.693	43	2590	0.52	ug/L #	95
49) Dibromochloromethane	8.816	129	6674	0.81	ug/L	95
61) Bromoform	10.288	173	1112	0.24	ug/L	98

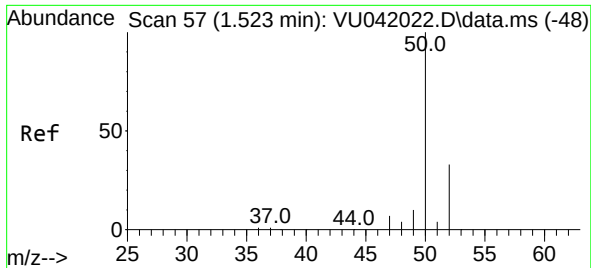
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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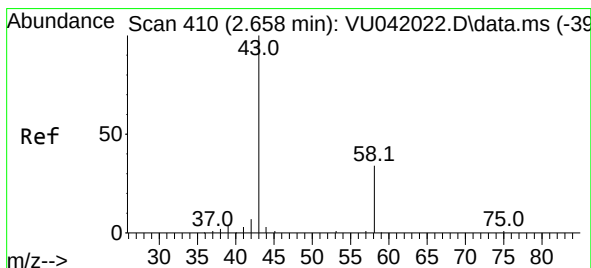
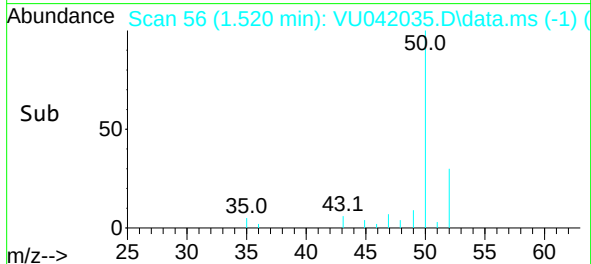
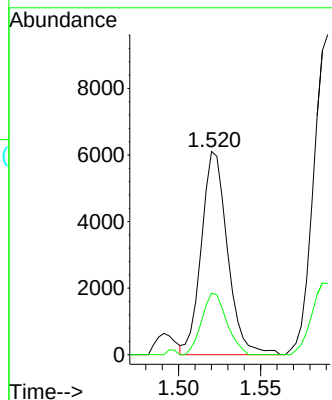
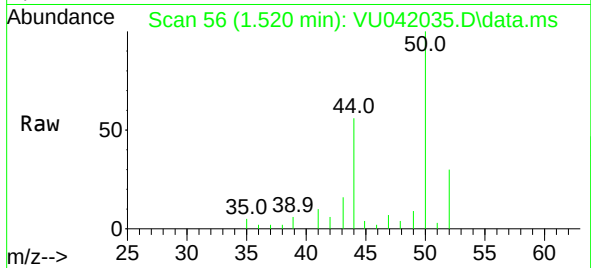




#3
Chloromethane
Concen: 0.48 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042035.D
Acq: 14 Jan 2021 15:25

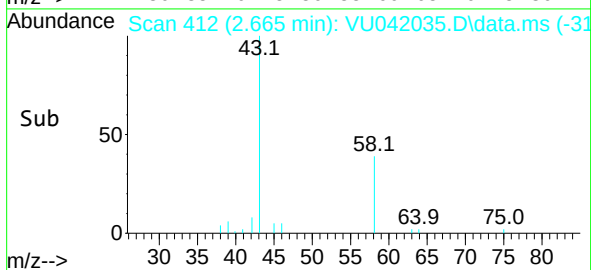
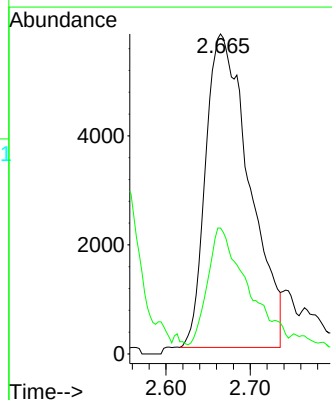
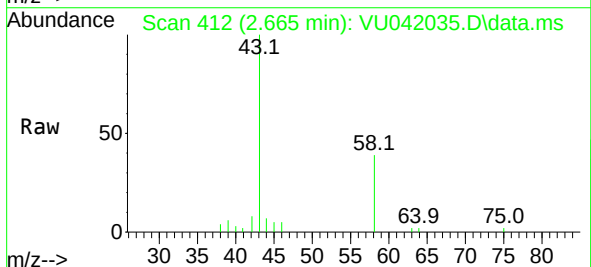
Instrument :
MSVOA_U
ClientSampled :
BFT67

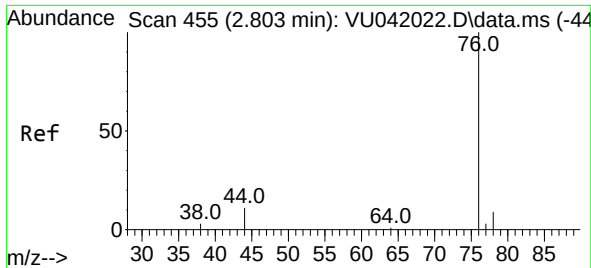
Tgt Ion: 50 Resp: 6761
Ion Ratio Lower Upper
50 100
52 30.3 23.5 43.7



#13
Acetone
Concen: 10.77 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.006 min
Lab File: VU042035.D
Acq: 14 Jan 2021 15:25

Tgt Ion: 43 Resp: 20747
Ion Ratio Lower Upper
43 100
58 36.0 0.0 57.4

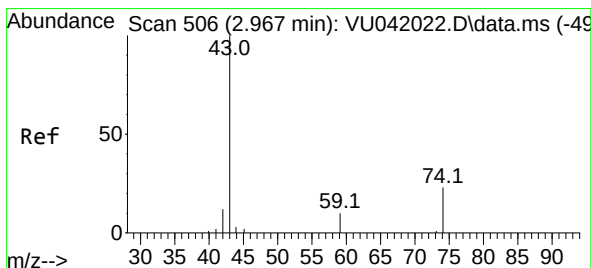
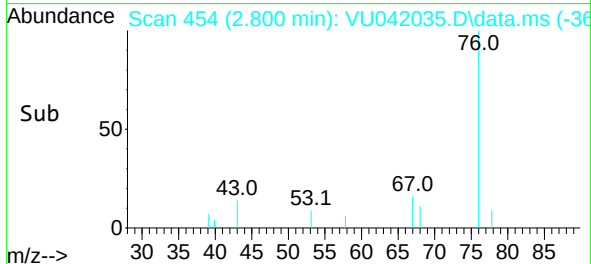
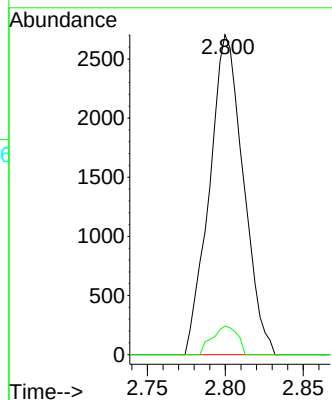
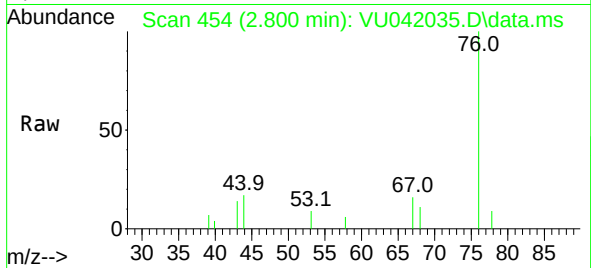




#14
Carbon disulfide
Concen: 0.13 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.003 min
Lab File: VU042035.D
Acq: 14 Jan 2021 15:25

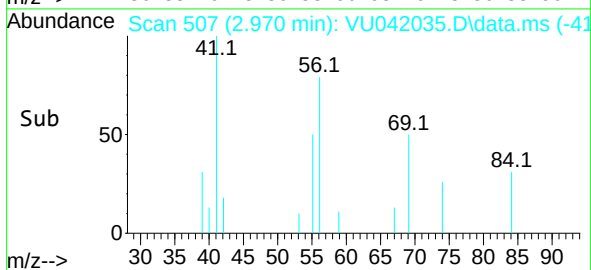
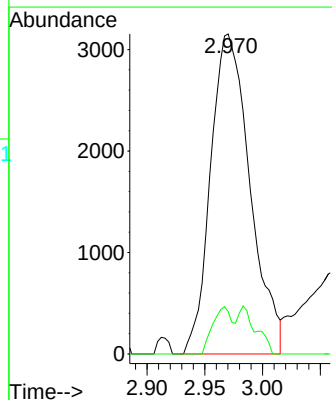
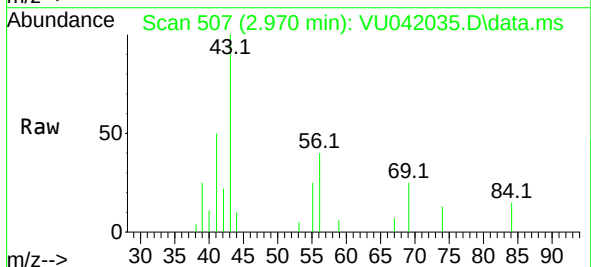
Instrument :
MSVOA_U
ClientSampleId :
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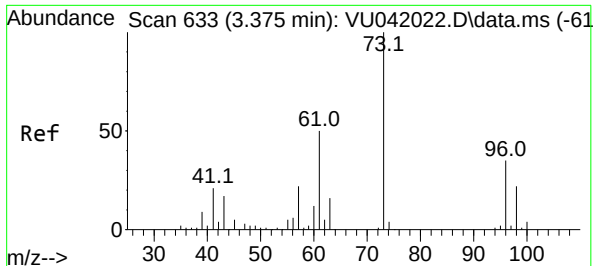
Tgt Ion: 76 Resp: 4093
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#15
Methyl Acetate
Concen: 1.59 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.003 min
Lab File: VU042035.D
Acq: 14 Jan 2021 15:25

Tgt Ion: 43 Resp: 7494
Ion Ratio Lower Upper
43 100
74 7.6 19.2 28.8#

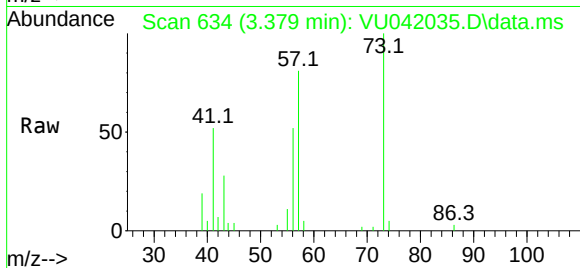




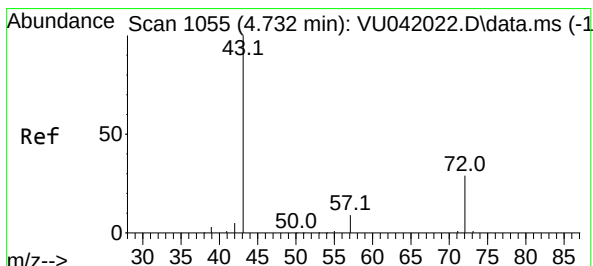
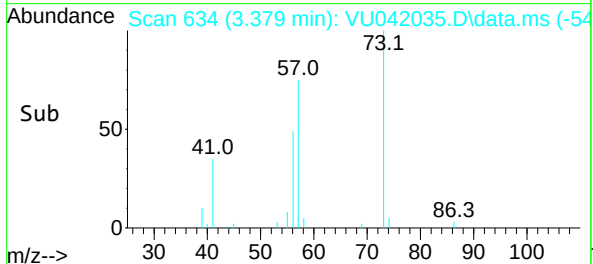
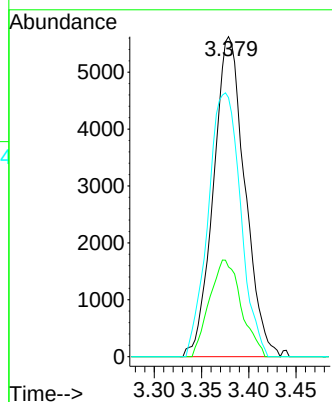
#17

Methyl tert-butyl Ether
 Concen: 0.52 ug/L
 RT: 3.379 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VU042035.D
 Acq: 14 Jan 2021 15:25

Instrument :
 MSVOA_U
 ClientSampled :
 BFT67



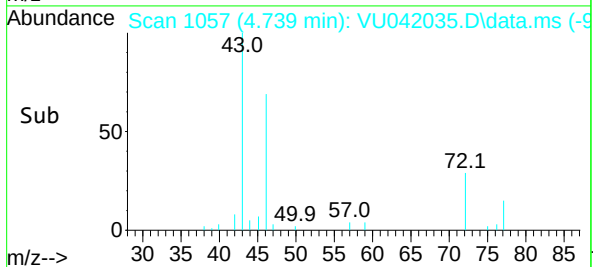
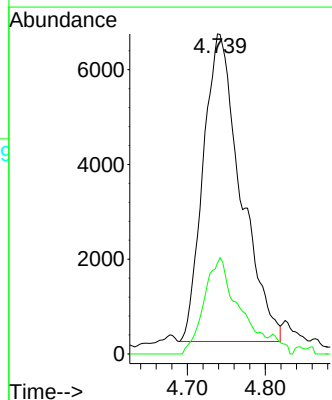
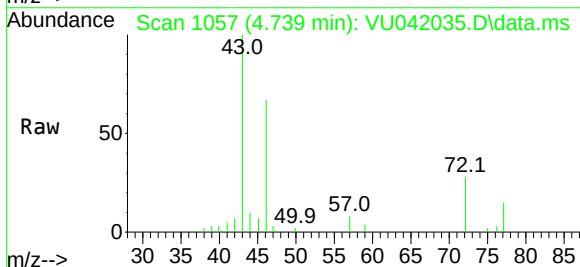
Tgt Ion:	73	Resp:	12986
Ion	Ratio	Lower	Upper
73	100		
43	30.5	15.1	22.7#
57	85.5	18.0	27.0#

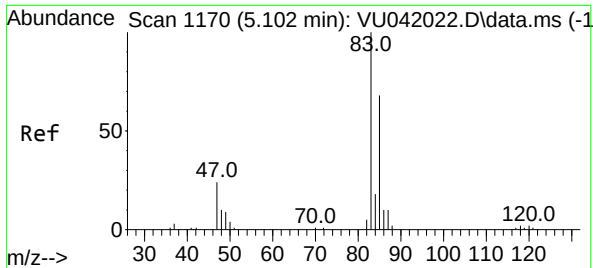


#21

2-Butanone
 Concen: 7.07 ug/L
 RT: 4.739 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VU042035.D
 Acq: 14 Jan 2021 15:25

Tgt Ion:	43	Resp:	21719
Ion	Ratio	Lower	Upper
43	100		
72	28.7	13.7	41.1

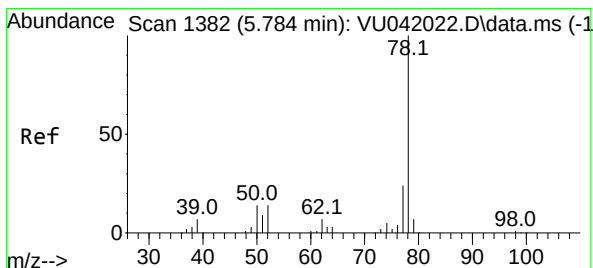
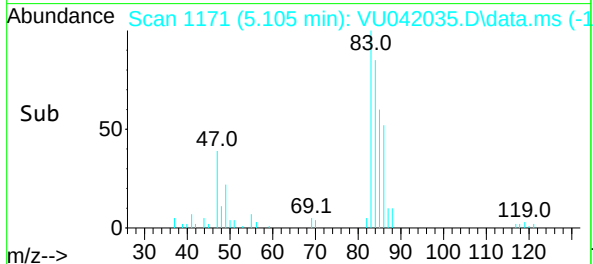
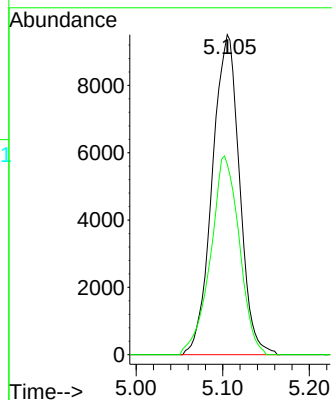
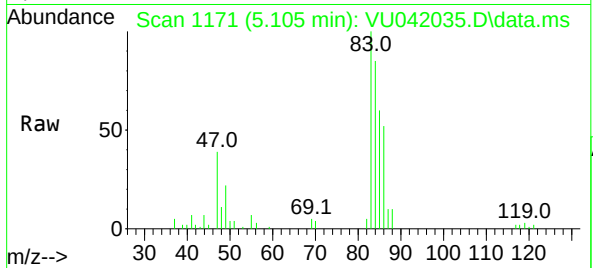




#25
Chloroform
Concen: 1.09 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU042035.D
Acq: 14 Jan 2021 15:25

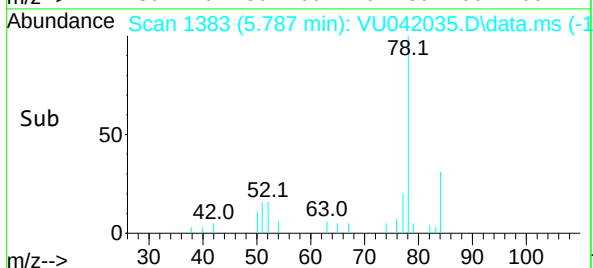
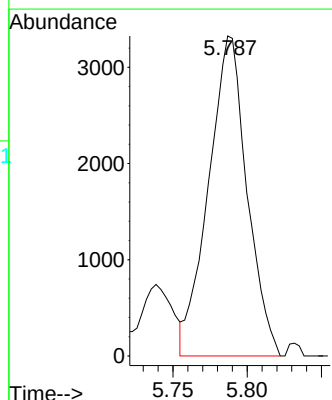
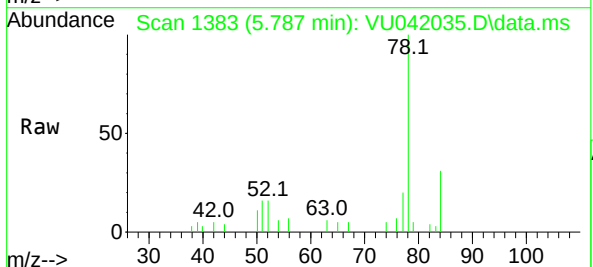
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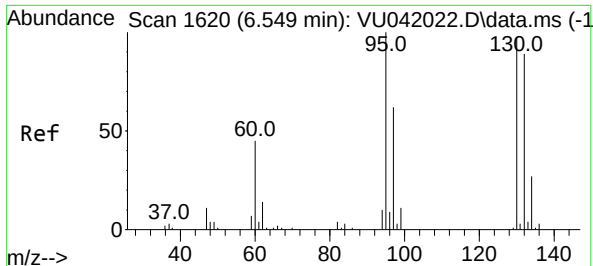
Tgt Ion: 83 Resp: 20809
Ion Ratio Lower Upper
83 100
85 59.6 46.1 85.7



#33
Benzene
Concen: 0.14 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU042035.D
Acq: 14 Jan 2021 15:25

Tgt Ion: 78 Resp: 5990



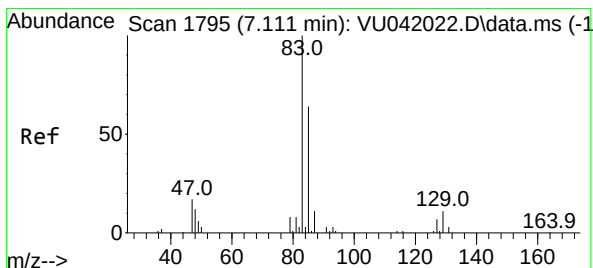
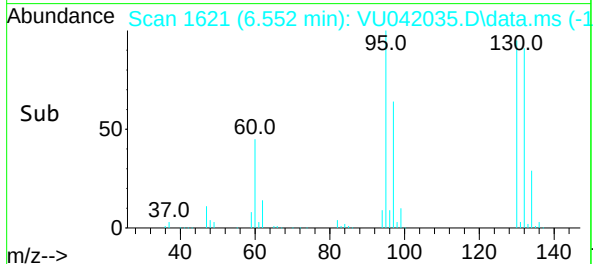
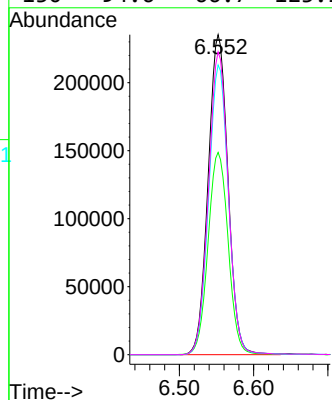
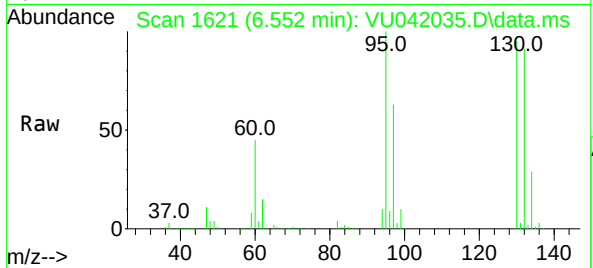


#34
Trichloroethene
Concen: 42.24 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042035.D
Acq: 14 Jan 2021 15:25

Instrument :
MSVOA_U
ClientSampled :
BFT67

Tgt Ion: 95 Resp: 437317

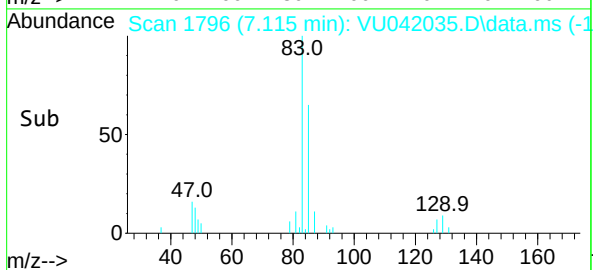
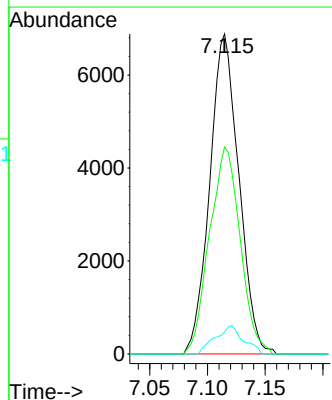
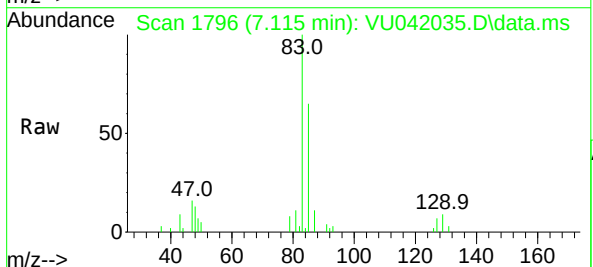
Ion	Ratio	Lower	Upper
95	100		
97	63.2	43.6	81.0
132	90.5	64.3	119.3
130	94.6	66.7	123.9

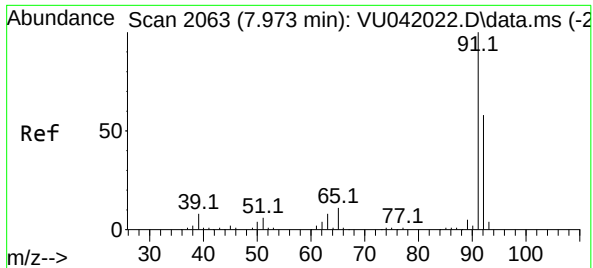


#38
Bromodichloromethane
Concen: 0.86 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU042035.D
Acq: 14 Jan 2021 15:25

Tgt Ion: 83 Resp: 12059

Ion	Ratio	Lower	Upper
83	100		
85	64.7	45.8	85.0
127	6.9	6.1	9.1

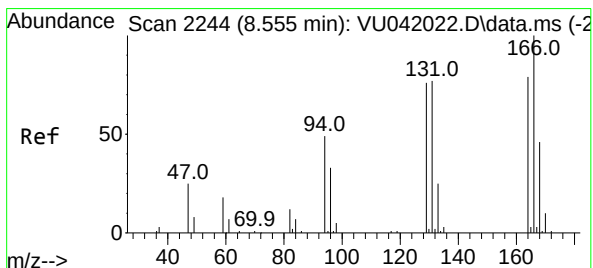
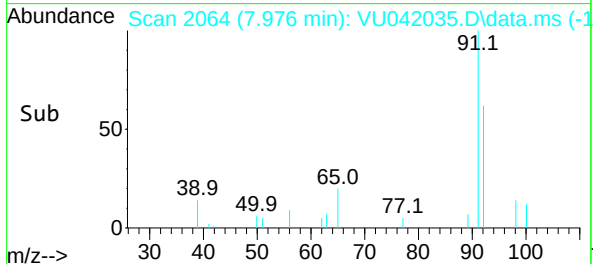
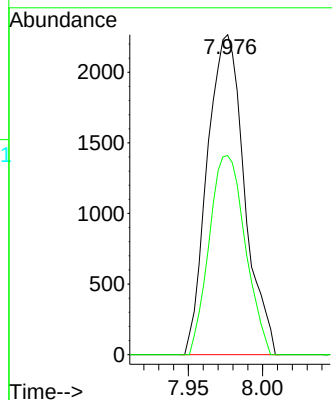
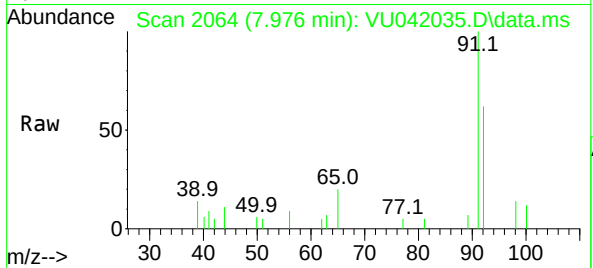




#42
Toluene
Concen: 0.09 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU042035.D
Acq: 14 Jan 2021 15:25

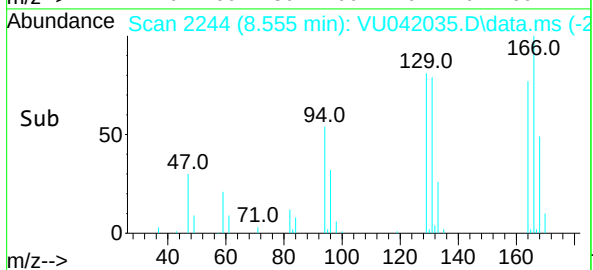
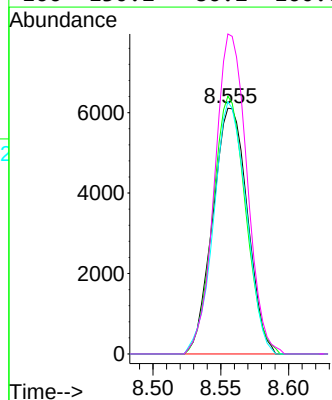
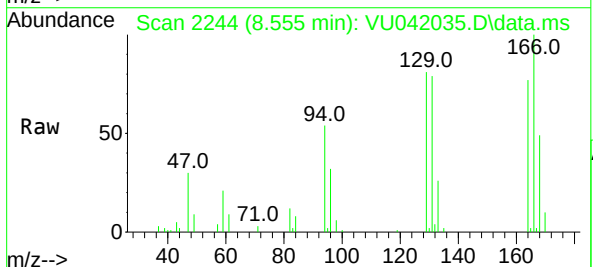
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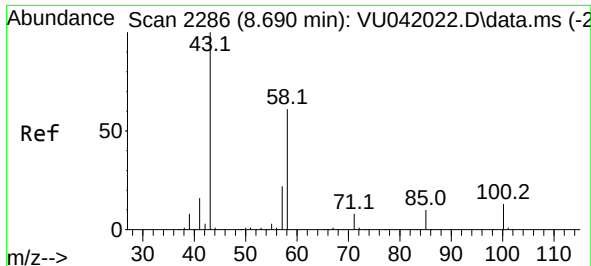
Tgt Ion: 91 Resp: 3941
Ion Ratio Lower Upper
91 100
92 62.2 40.7 75.7



#47
Tetrachloroethene
Concen: 1.62 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042035.D
Acq: 14 Jan 2021 15:25

Tgt Ion: 164 Resp: 10860
Ion Ratio Lower Upper
164 100
129 104.9 68.7 127.5
131 102.6 65.2 121.0
166 130.2 86.2 160.0

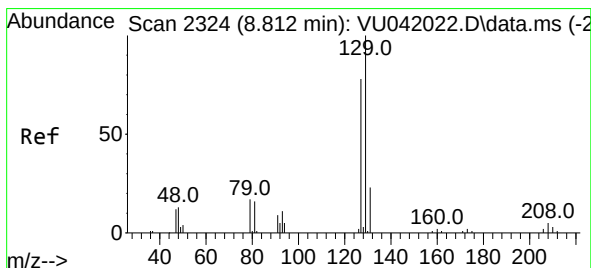
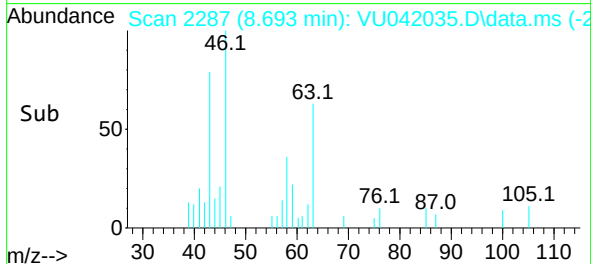
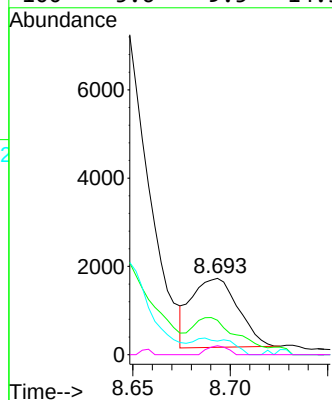
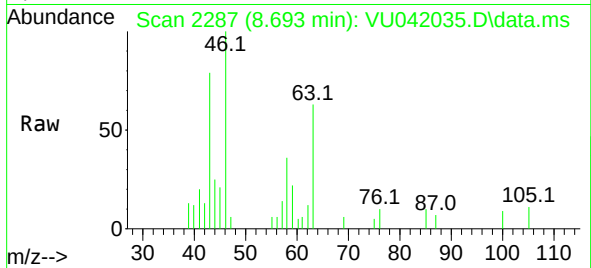




#48
2-Hexanone
Concen: 0.52 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.003 min
Lab File: VU042035.D
Acq: 14 Jan 2021 15:25

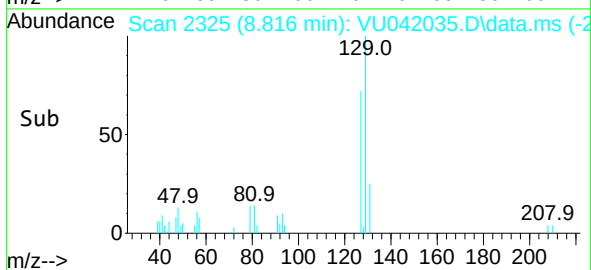
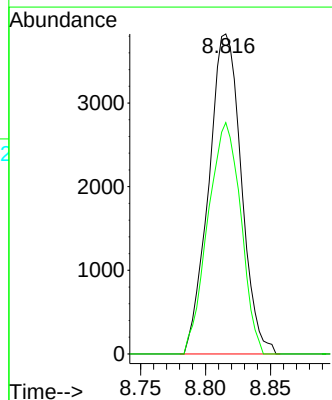
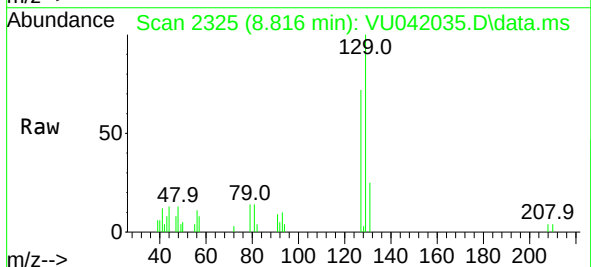
Instrument :
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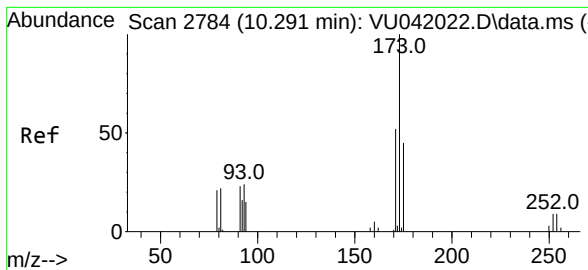
Tgt Ion:	43	Resp:	2590
Ion	Ratio	Lower	Upper
43	100		
58	57.7	47.8	71.8
57	19.6	17.4	26.0
100	5.6	9.5	14.3



#49
Dibromochloromethane
Concen: 0.81 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU042035.D
Acq: 14 Jan 2021 15:25

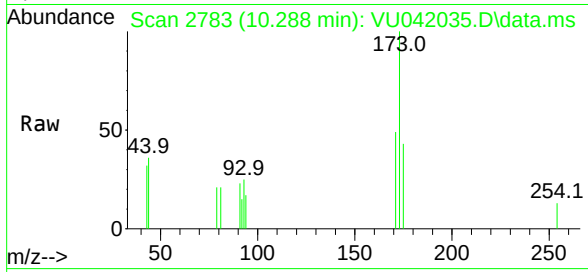
Tgt Ion:	129	Resp:	6674
Ion	Ratio	Lower	Upper
129	100		
127	72.3	53.7	99.7





#61
 Bromoform
 Concen: 0.24 ug/L
 RT: 10.288 min Scan# 2783
 Delta R.T. -0.003 min
 Lab File: VU042035.D
 Acq: 14 Jan 2021 15:25

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT67



Tgt Ion:	173	Resp:	1112
Ion Ratio	Lower	Upper	
173	100		
175	47.1	39.1	58.7
254	8.8	7.2	10.8

