

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021021\
 Data File : VU042305.D
 Acq On : 10 Feb 2021 09:57
 Operator : SY/MD
 Sample : VU0210WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 00:32:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 11 00:32:01 2021
 Response via : Initial Calibration

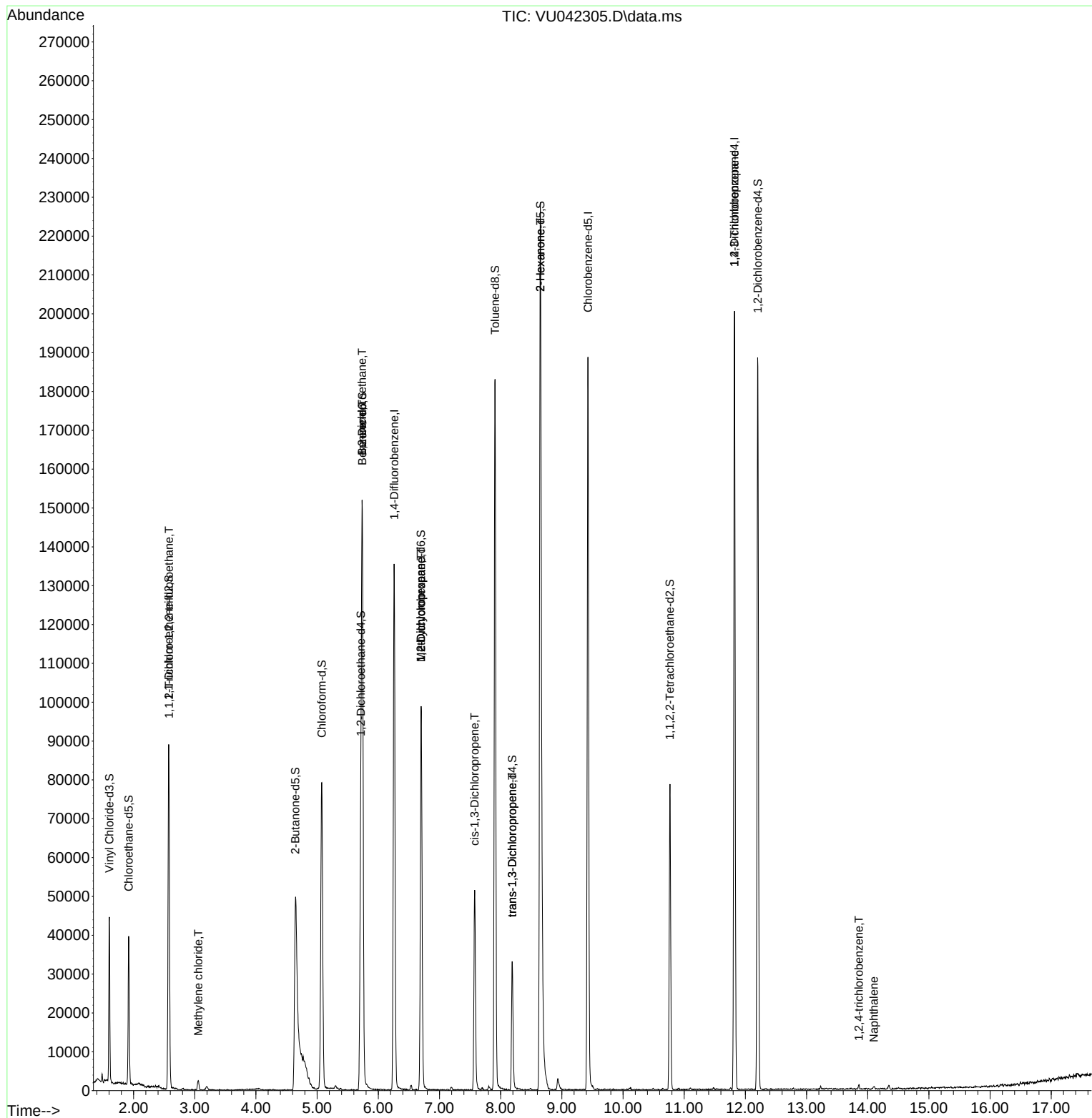
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	106577	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	99988	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	52170	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	28719	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.919	69	25421	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.575	63	55365	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.645	46	104855	41.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.60%
24) Chloroform-d	5.076	84	71040	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.713	65	46083	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.738	84	127763	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.700	67	43665	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.909	98	118292	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloroprop...	8.189	79	18603	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.648	63	98565	53.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.06%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	36938	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	46595	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	358	0.05	ug/L #	18
16) Methylene chloride	3.057	84	1236	0.15	ug/L	94
27) 1,2-Dichloroethane	5.735	62	747	0.07	ug/L #	75
33) Benzene	5.735	78	955	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	10076	0.76	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5250	0.68	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1390	0.11	ug/L #	71
44) trans-1,3-Dichloropropene	8.189	75	874	0.07	ug/L #	73
48) 2-Hexanone	8.648	43	15009	3.26	ug/L #	70
59) 1,2,3-Trichloropropane	11.822	75	6261	1.14	ug/L	97
68) 1,2,4-trichlorobenzene	13.854	180	462	0.04	ug/L #	93
69) Naphthalene	14.101	128	1254	0.08	ug/L #	69

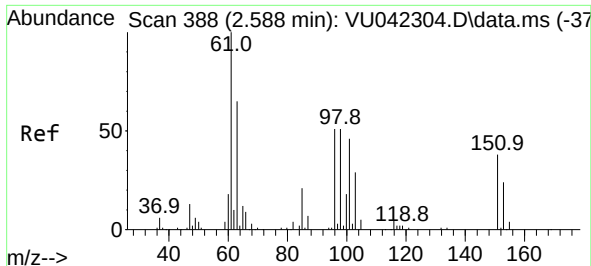
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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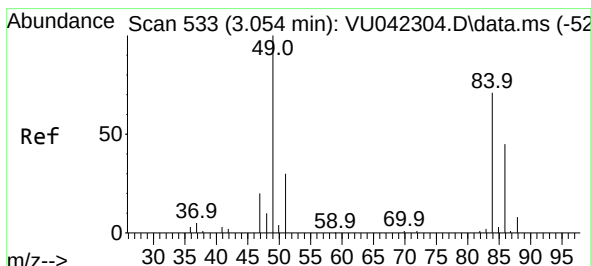
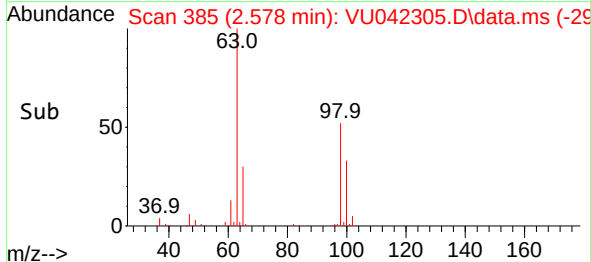
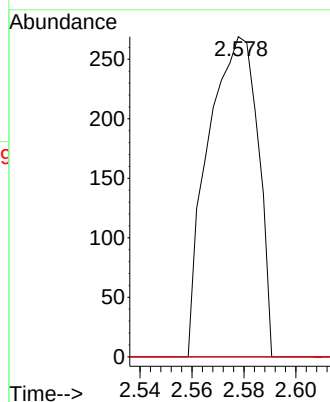
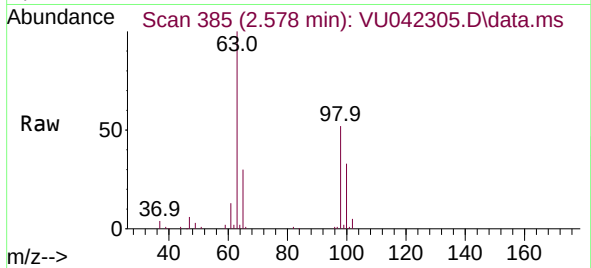




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042305.D
Acq: 10 Feb 2021 09:57

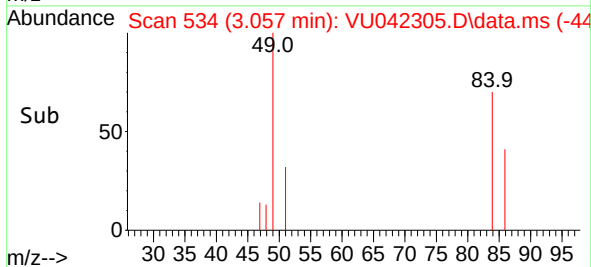
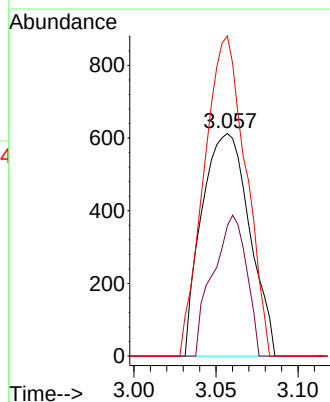
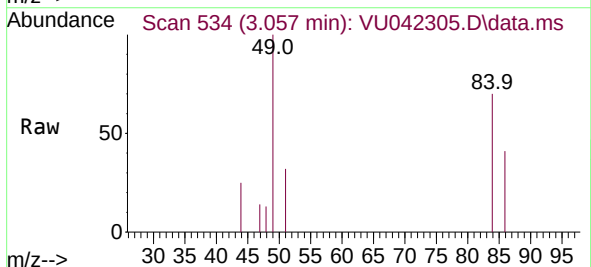
Instrument :
MSVOA_U
ClientSampled :

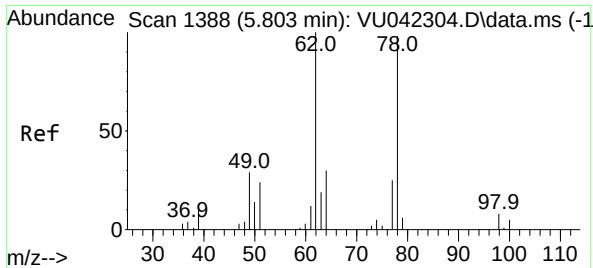
Tgt Ion:101 Resp: 358
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#16
Methylene chloride
Concen: 0.15 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042305.D
Acq: 10 Feb 2021 09:57

Tgt Ion: 84 Resp: 1236
Ion Ratio Lower Upper
84 100
86 58.6 44.1 81.9
49 143.7 95.0 176.4

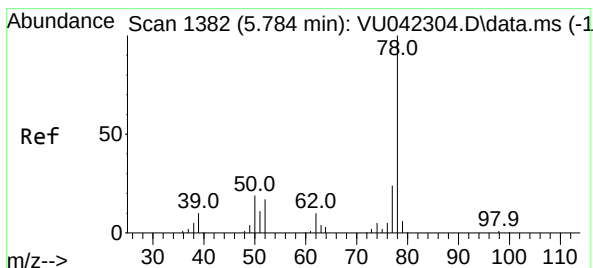
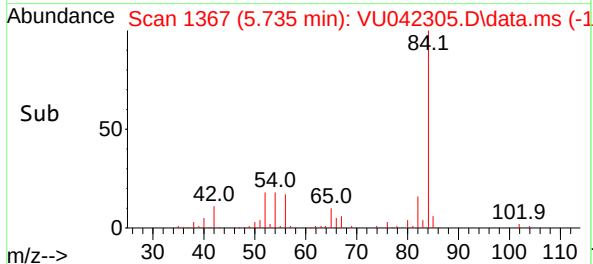
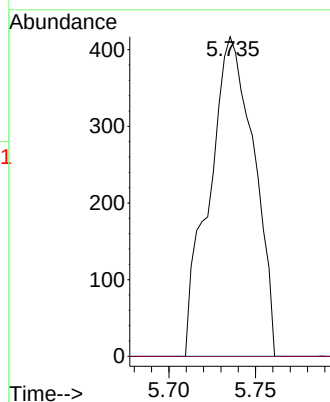
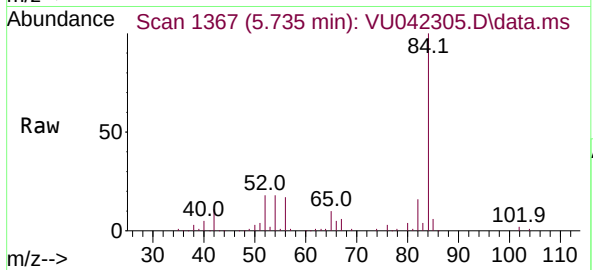




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042305.D
Acq: 10 Feb 2021 09:57

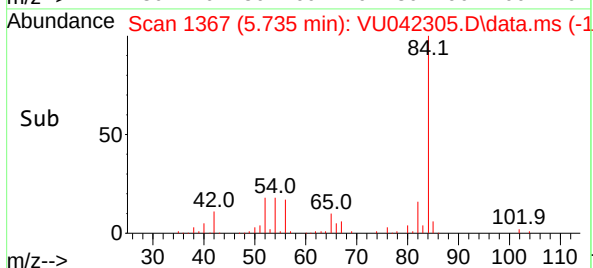
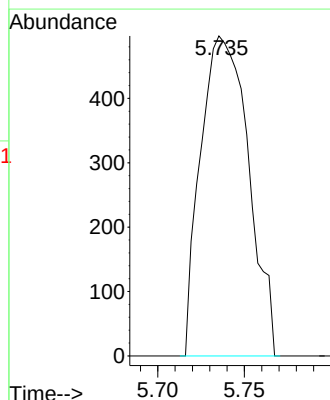
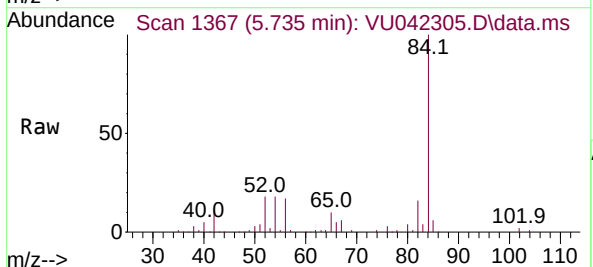
Instrument :
MSVOA_U
ClientSampled :

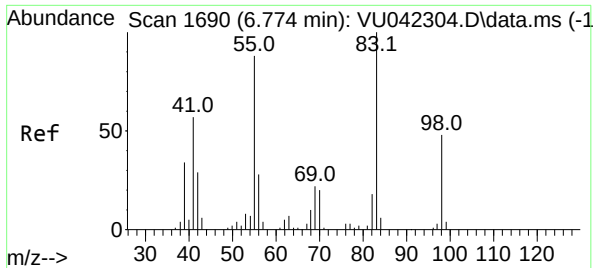
Tgt Ion: 62 Resp: 747
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042305.D
Acq: 10 Feb 2021 09:57

Tgt Ion: 78 Resp: 955

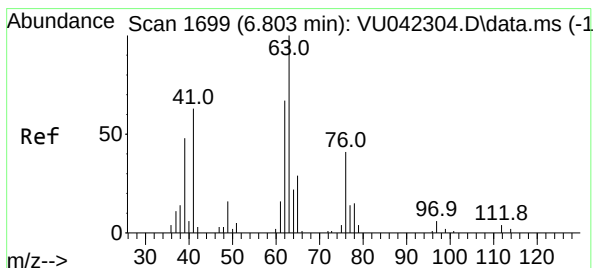
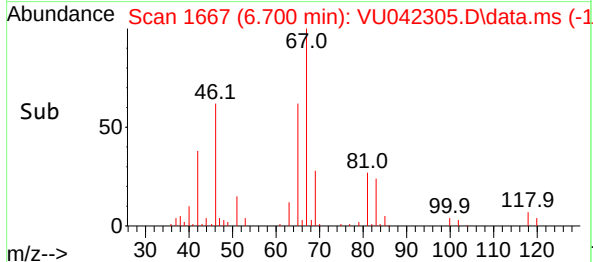
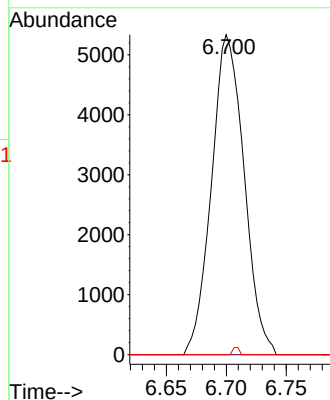
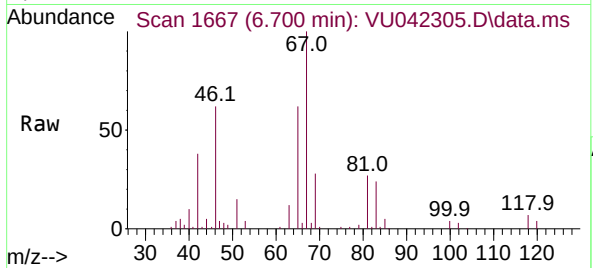




#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042305.D
Acq: 10 Feb 2021 09:57

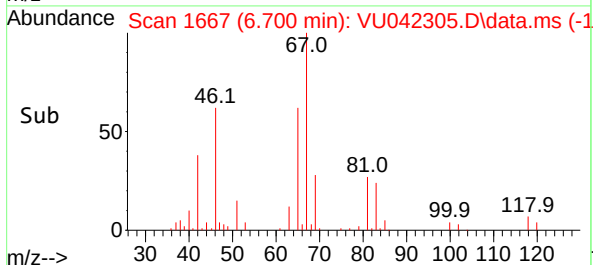
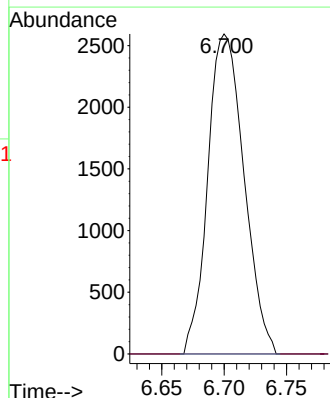
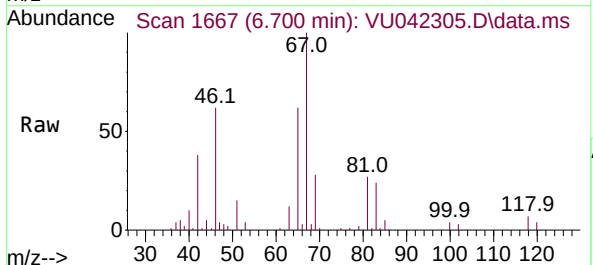
Instrument :
MSVOA_U
ClientSampled :

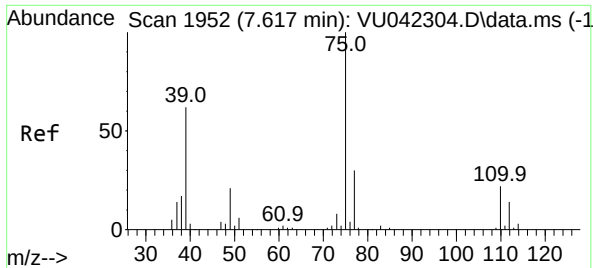
Tgt Ion: 83 Resp: 10076
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.5 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.103 min
Lab File: VU042305.D
Acq: 10 Feb 2021 09:57

Tgt Ion: 63 Resp: 5250
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

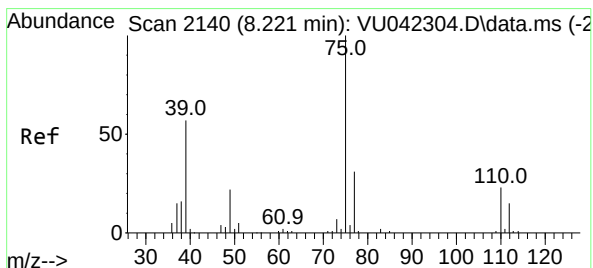
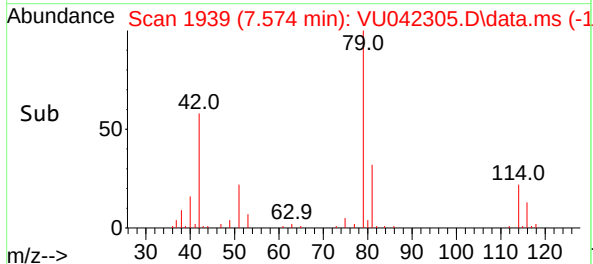
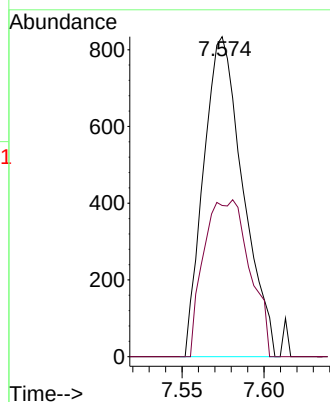
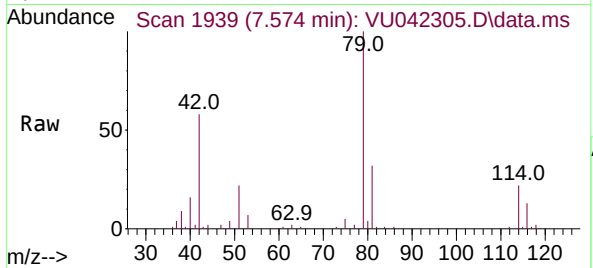




#39
 cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 7.574 min Scan# 1939
 Delta R.T. -0.042 min
 Lab File: VU042305.D
 Acq: 10 Feb 2021 09:57

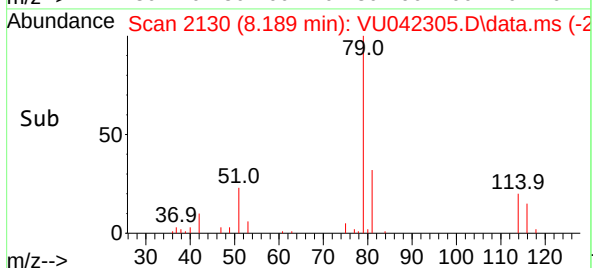
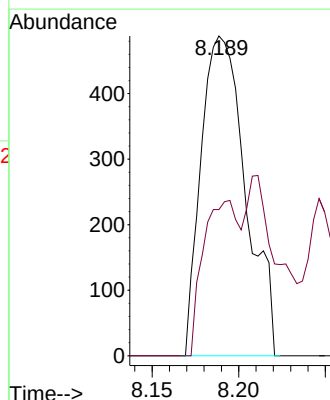
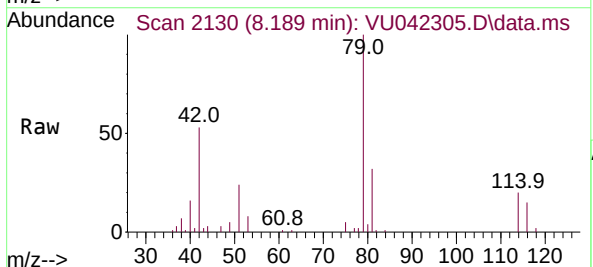
Instrument :
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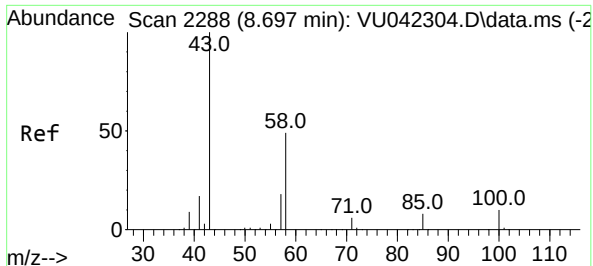
Tgt Ion: 75 Resp: 1390
 Ion Ratio Lower Upper
 75 100
 77 47.2 22.0 40.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.07 ug/L
 RT: 8.189 min Scan# 2130
 Delta R.T. -0.032 min
 Lab File: VU042305.D
 Acq: 10 Feb 2021 09:57

Tgt Ion: 75 Resp: 874
 Ion Ratio Lower Upper
 75 100
 77 45.7 21.8 40.4#

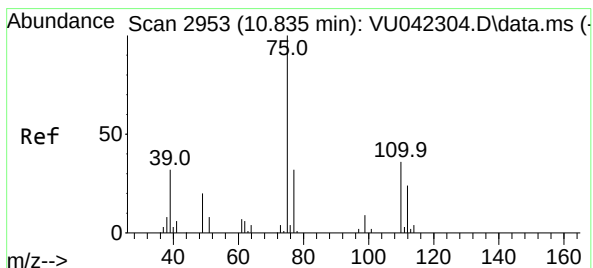
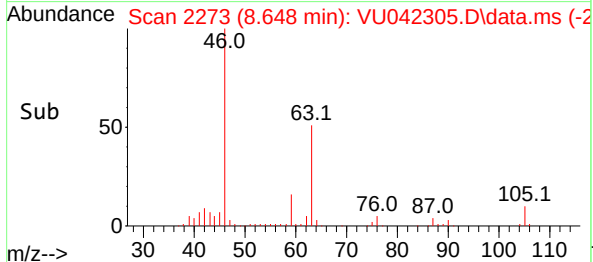
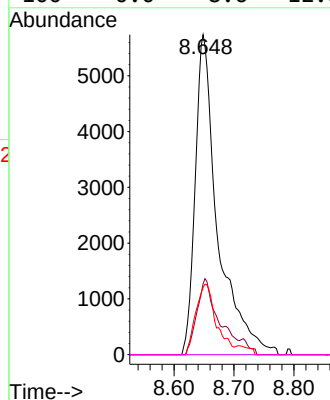
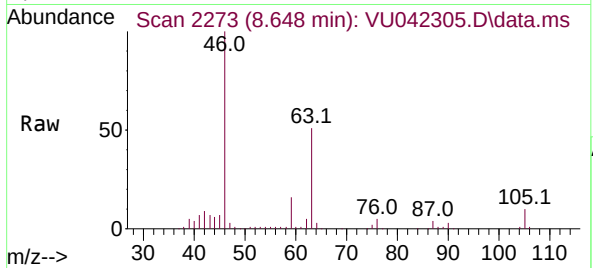




#48
2-Hexanone
Concen: 3.26 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.049 min
Lab File: VU042305.D
Acq: 10 Feb 2021 09:57

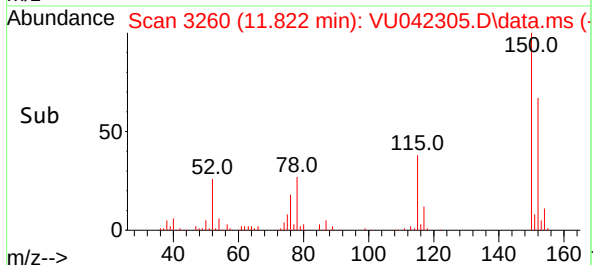
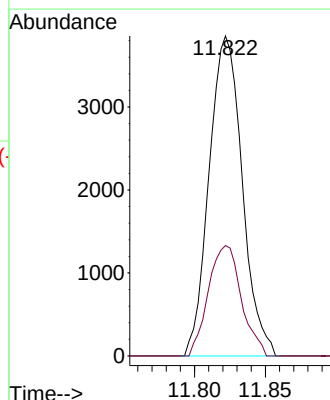
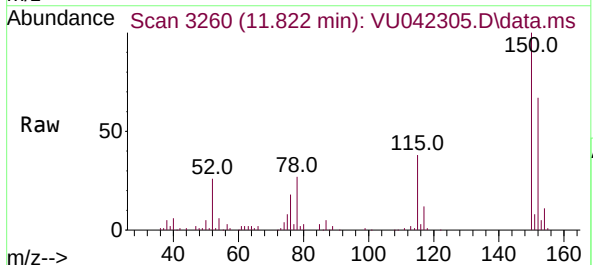
Instrument :
MSVOA_U
ClientSampled :

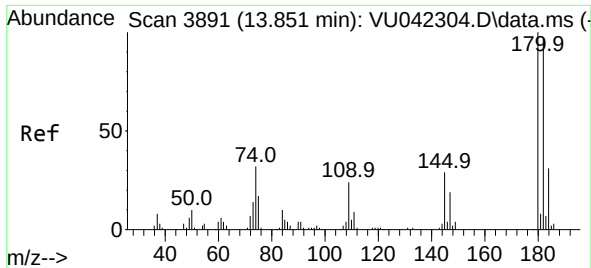
Tgt Ion: 43	Resp: 15009
Ion Ratio	Lower Upper
43 100	
58 22.9	40.6 61.0#
57 20.0	14.9 22.3
100 0.0	8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 1.14 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.987 min
Lab File: VU042305.D
Acq: 10 Feb 2021 09:57

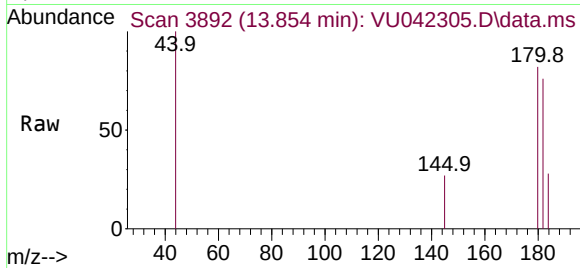
Tgt Ion: 75	Resp: 6261
Ion Ratio	Lower Upper
75 100	
77 34.3	26.0 39.0



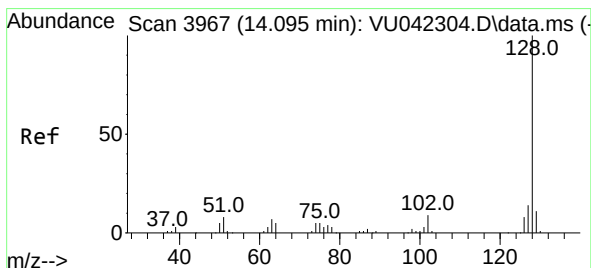
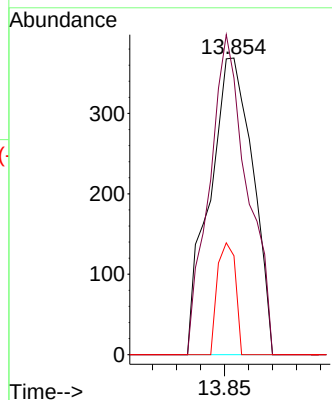
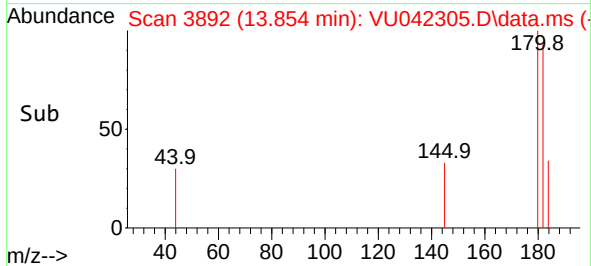


#68
1,2,4-trichlorobenzene
Concen: 0.04 ug/L
RT: 13.854 min Scan# 3892
Delta R.T. 0.003 min
Lab File: VU042305.D
Acq: 10 Feb 2021 09:57

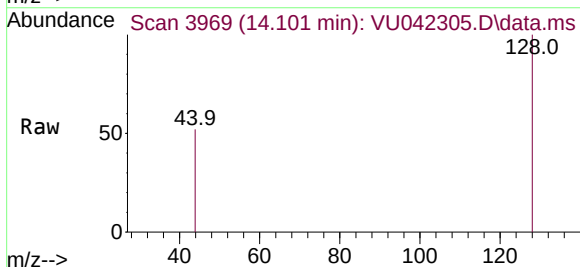
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:180 Resp: 462
Ion Ratio Lower Upper
180 100
182 94.8 76.3 114.5
145 15.8 23.7 35.5#



#69
Naphthalene
Concen: 0.08 ug/L
RT: 14.101 min Scan# 3969
Delta R.T. 0.006 min
Lab File: VU042305.D
Acq: 10 Feb 2021 09:57



Tgt Ion:128 Resp: 1254
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.6 15.8#

