

Data File : VU035338.D
Acq On : 21 Oct 2019 22:35
Operator : JC/SP
Sample : K5421-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AB0

Quant Time: Oct 22 06:44:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 06:40:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	287294	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	286235	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	100546	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	80636	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.93	69	78461	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.60	63	114205	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.71	46	251360	49.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.86%
24) Chloroform-d	5.11	84	163767	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.75	65	92344	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.77	84	323699	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.74	67	109737	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.93	98	285556	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.22	79	40038	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.69	63	189776	42.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.32%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	90423	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	92169	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

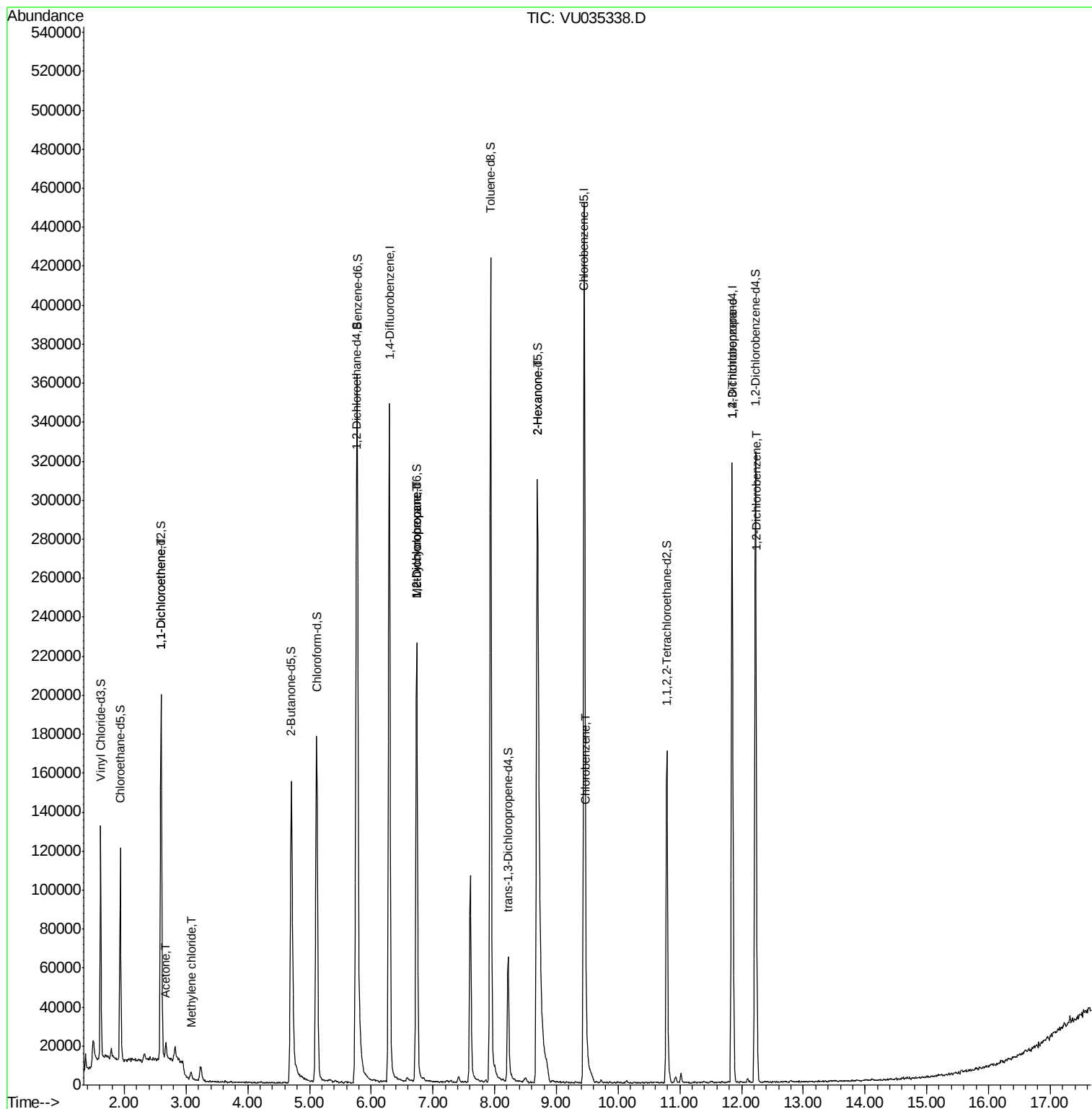
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1249	0.068 ug/L #	1
13) Acetone	2.67	43	8549	2.441 ug/L	89
16) Methylene chloride	3.09	84	1645	0.074 ug/L	87
35) Methylcyclohexane	6.74	83	24977	0.660 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	12330	0.577 ug/L #	86
48) 2-Hexanone	8.69	43	19286	1.905 ug/L #	70
51) Chlorobenzene	9.48	112	9130	0.152 ug/L	96
59) 1,2,3-Trichloropropane	11.84	75	12168	0.817 ug/L	92
65) 1,2-Dichlorobenzene	12.24	146	11841	0.367 ug/L	97

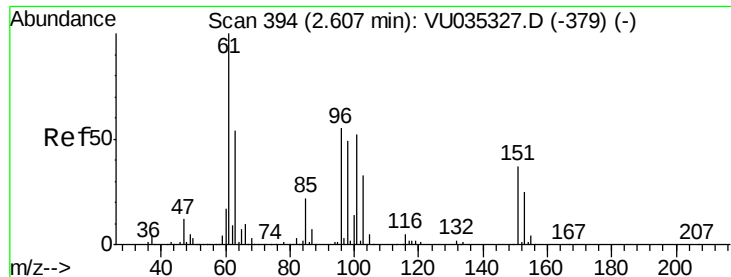
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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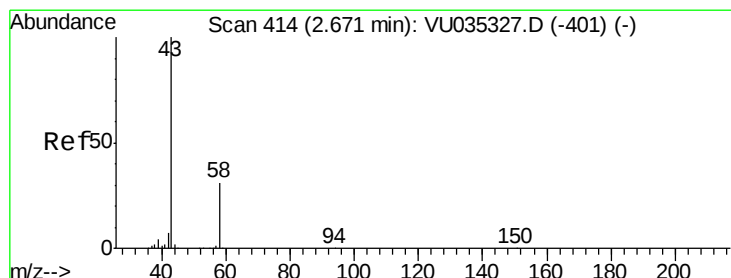
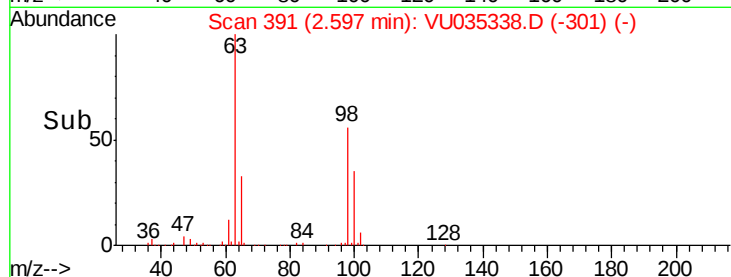
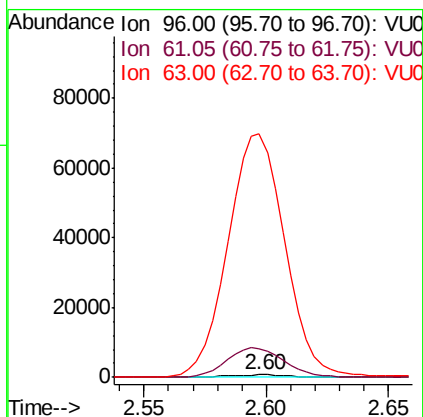
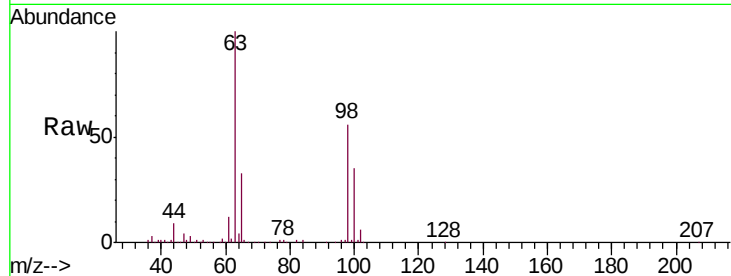




#12
 1,1-Dichloroethene
 Concen: 0.068 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU035338.D
 Acq: 21 Oct 2019 22:35

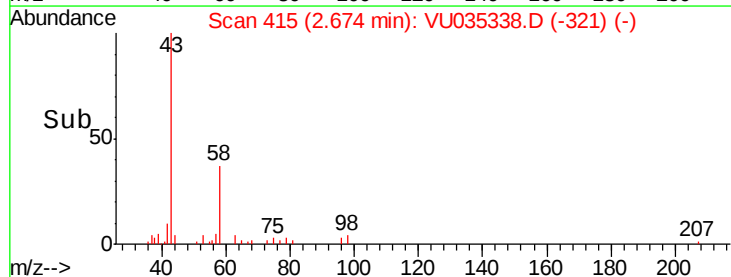
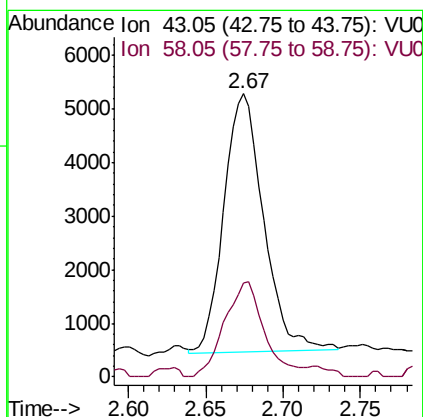
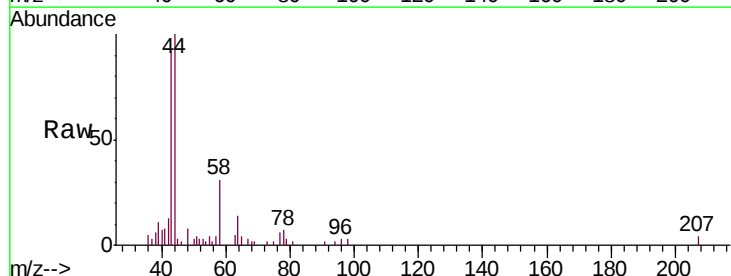
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB0

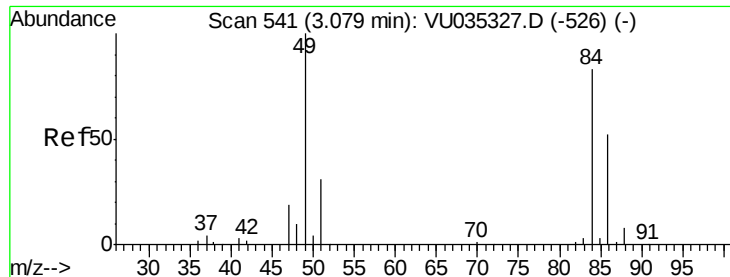
Tgt Ion: 96 Resp: 1249
 Ion Ratio Lower Upper
 96 100
 61 1169.9 120.6 224.0#
 63 9901.8 86.8 161.2#



#13
 Acetone
 Concen: 2.441 ug/L
 RT: 2.67 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: VU035338.D
 Acq: 21 Oct 2019 22:35

Tgt Ion: 43 Resp: 8549
 Ion Ratio Lower Upper
 43 100
 58 36.7 0.0 61.8

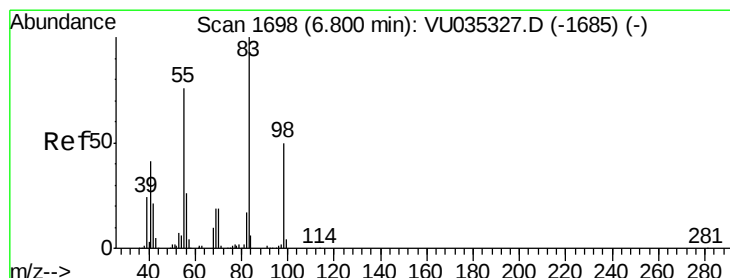
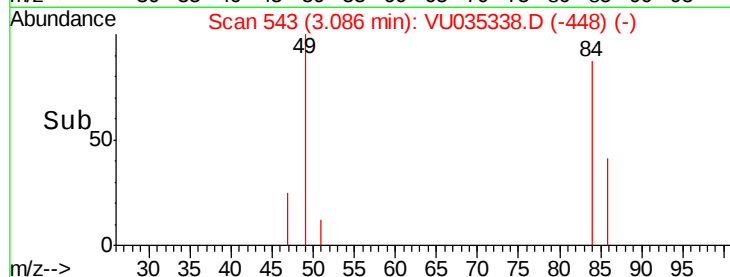
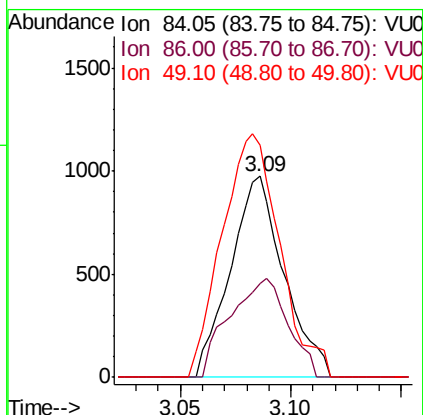
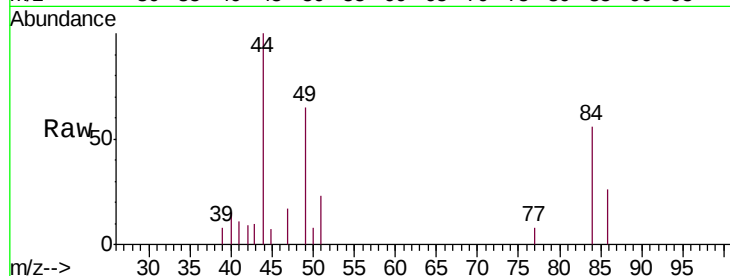




#16
Methylene chloride
Concen: 0.074 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.01 min
Lab File: VU035338.D
Acq: 21 Oct 2019 22:35

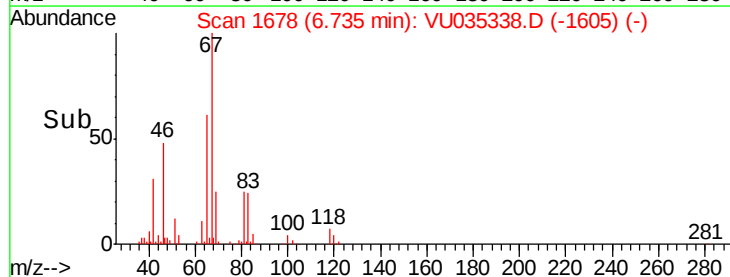
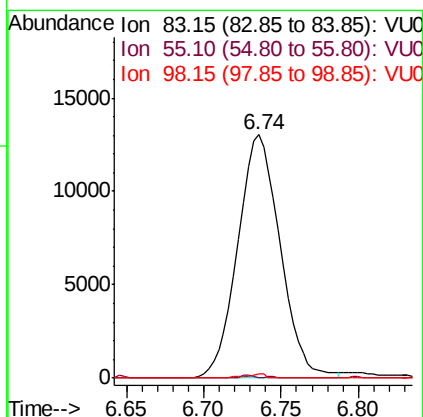
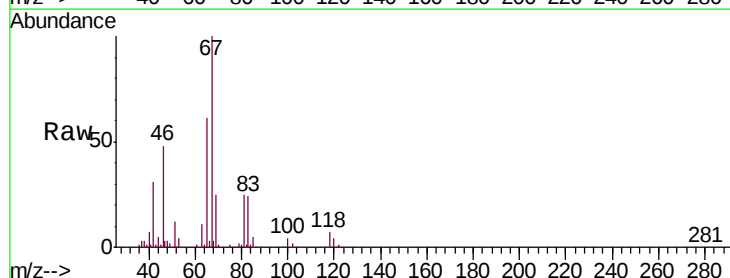
Instrument :
MSVOA_U
ClientSampleId :
C0AB0

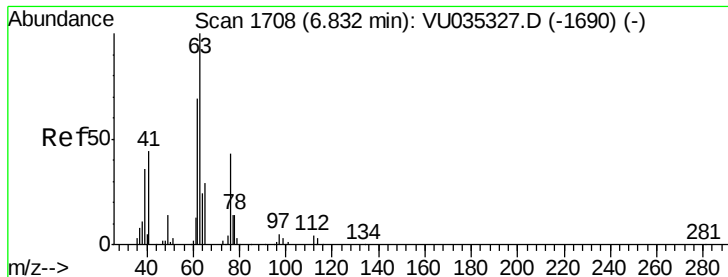
Tgt Ion: 84 Resp: 1645
Ion Ratio Lower Upper
84 100
86 47.0 45.4 84.2
49 115.4 86.8 161.2



#35
Methylcyclohexane
Concen: 0.660 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035338.D
Acq: 21 Oct 2019 22:35

Tgt Ion: 83 Resp: 24977
Ion Ratio Lower Upper
83 100
55 0.2 60.4 90.6#
98 0.8 39.5 59.3#

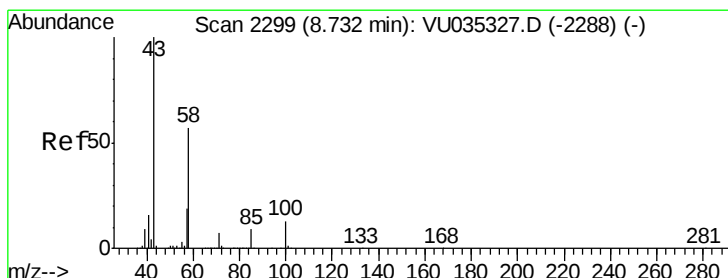
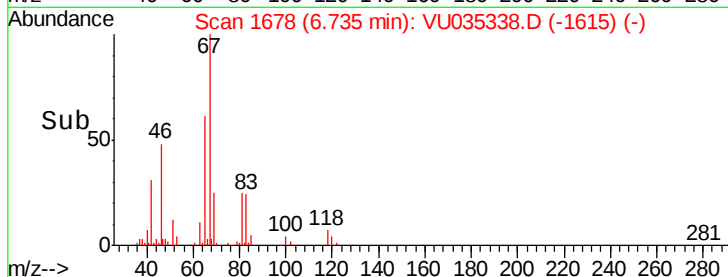
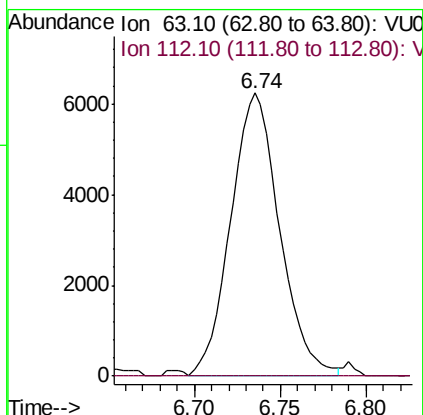
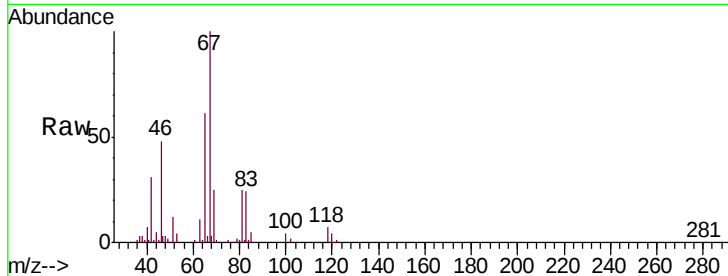




#37
 1,2-Dichloropropane
 Concen: 0.577 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035338.D
 Acq: 21 Oct 2019 22:35

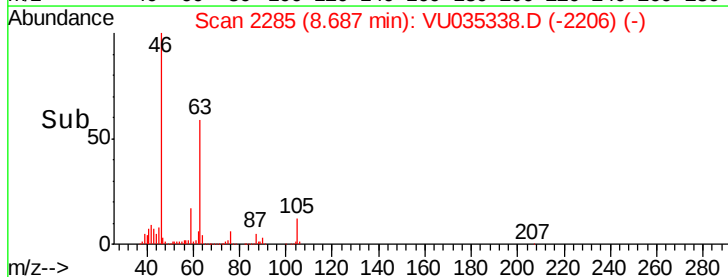
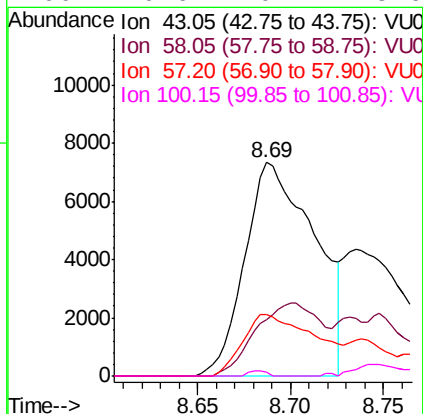
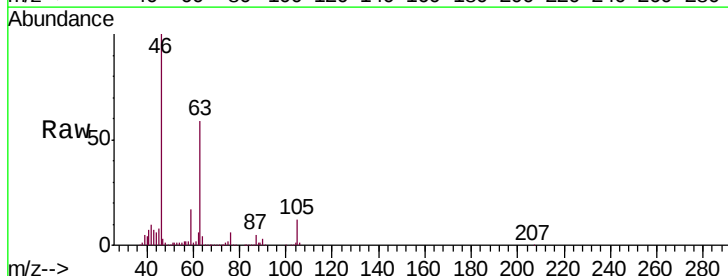
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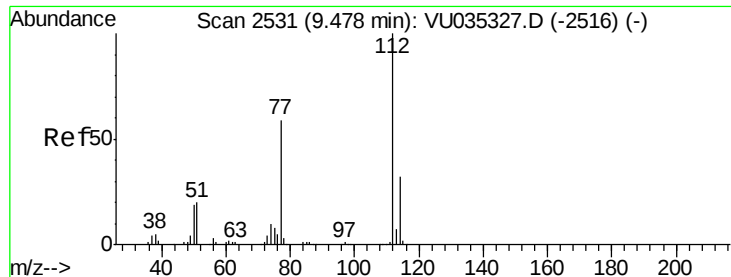
Tgt Ion: 63 Resp: 12330
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#48
 2-Hexanone
 Concen: 1.905 ug/L
 RT: 8.69 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: VU035338.D
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Tgt Ion: 43 Resp: 19286
 Ion Ratio Lower Upper
 43 100
 58 32.4 45.1 67.7#
 57 30.2 16.0 24.0#
 100 0.6 10.4 15.6#

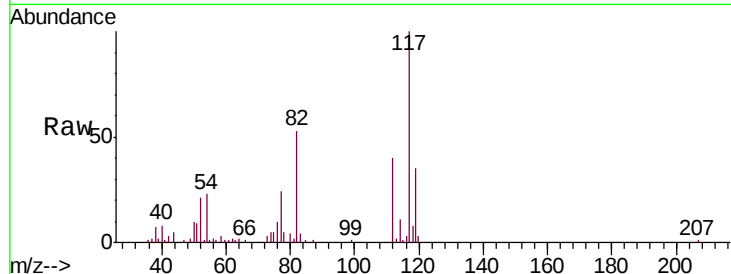




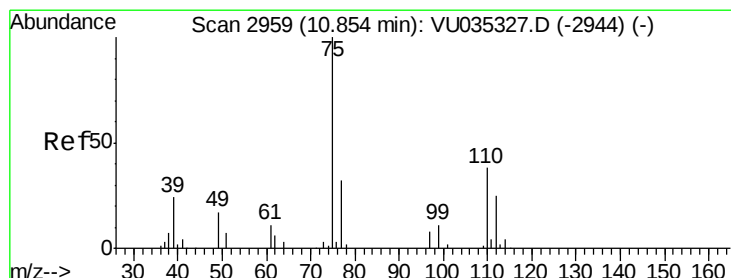
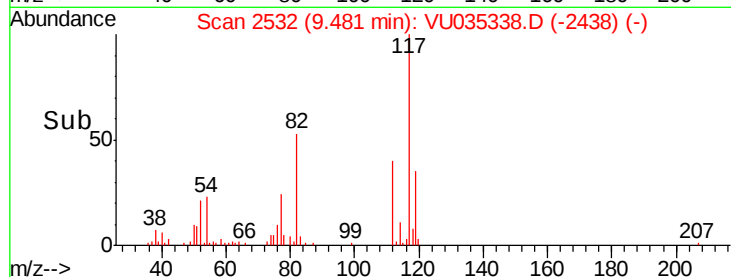
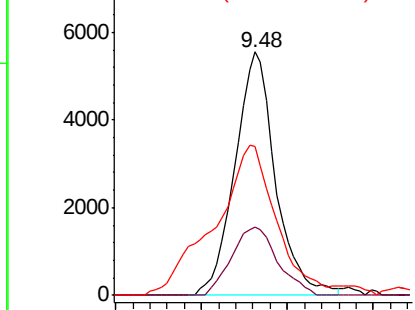
#51
Chlorobenzene
Concen: 0.152 ug/L
RT: 9.48 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU035338.D
Acq: 21 Oct 2019 22:35

Instrument :
MSVOA_U
ClientSampleId :
C0AB0

Tgt Ion: 112 Resp: 9130
Ion Ratio Lower Upper
112 100
114 28.0 23.0 42.8
77 60.9 47.5 71.3

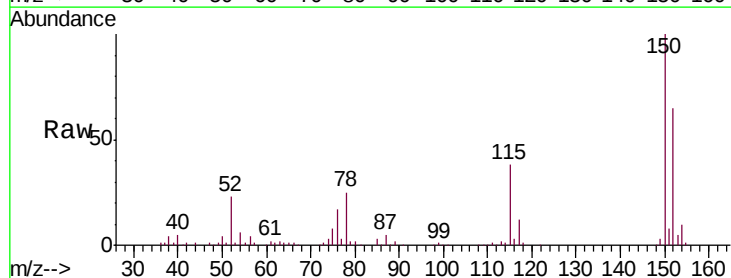


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

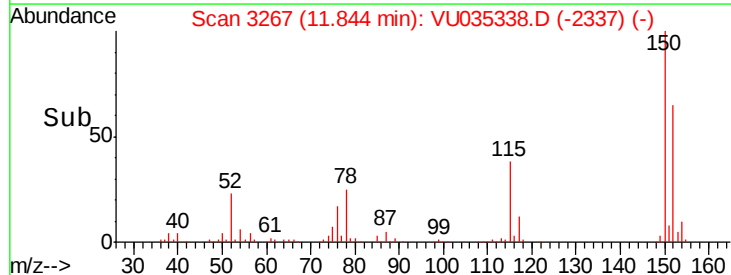
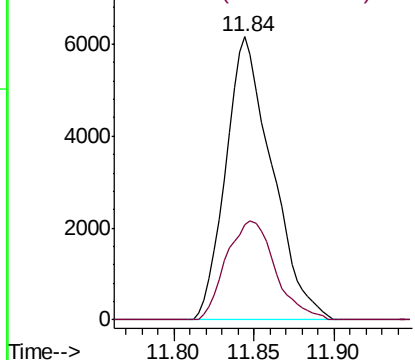


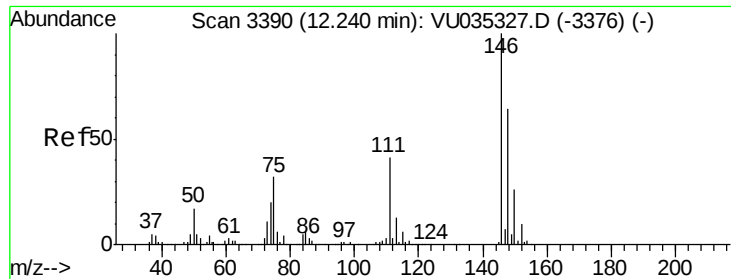
#59
1,2,3-Trichloropropane
Concen: 0.817 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035338.D
Acq: 21 Oct 2019 22:35

Tgt Ion: 75 Resp: 12168
Ion Ratio Lower Upper
75 100
77 37.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#65
 1,2-Dichlorobenzene
 Concen: 0.367 ug/L
 RT: 12.24 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VU035338.D
 Acq: 21 Oct 2019 22:35

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:146 Resp: 11841
 Ion Ratio Lower Upper
 146 100
 111 43.6 33.0 49.6
 148 61.2 51.0 76.4

