

Data File : VU035067.D
Acq On : 10 Oct 2019 23:03
Operator : JC/SP
Sample : K5310-02 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
IW-1S-001-01

Quant Time: Oct 11 04:46:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	159180	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	158677	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	60040	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36270	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.68	69	38089	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.26	63	57777	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.17	46	156813	56.59	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.18%
24) Chloroform-d	4.63	84	87453	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.29	65	53286	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.32	84	171694	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.31	67	63500	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.55	98	143760	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.84	79	18144	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.30	63	111041	52.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.32%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58208	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	55461	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

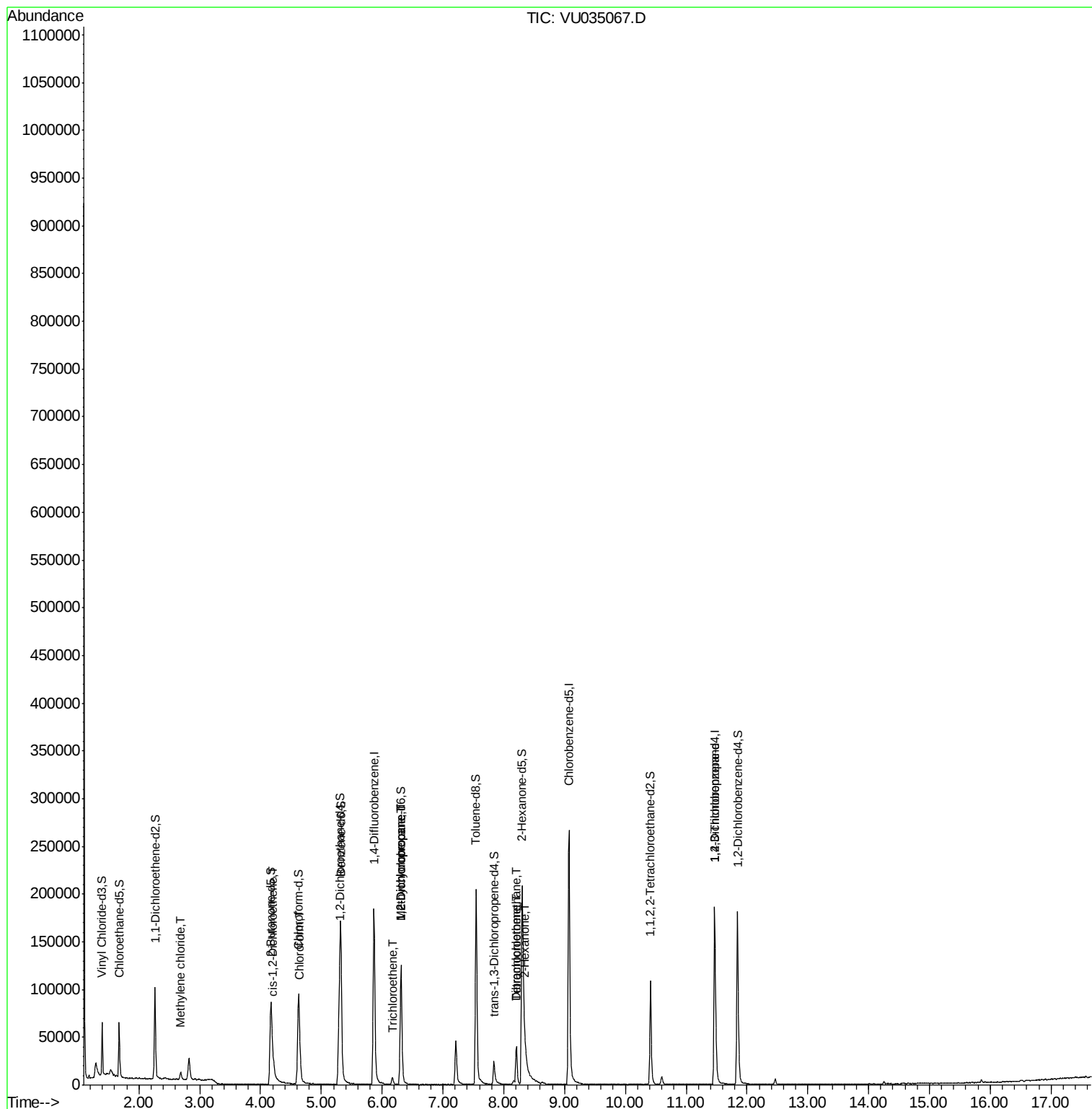
					Qvalue
16) Methylene chloride	2.68	84	2680	0.212 ug/L	83
22) cis-1,2-Dichloroethene	4.21	96	1857	0.152 ug/L	99
25) Chloroform	4.65	83	8816	0.361 ug/L	96
34) Trichloroethene	6.17	95	2500	0.203 ug/L	91
35) Methylcyclohexane	6.31	83	14553	0.729 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7241	0.562 ug/L #	90
47) Tetrachloroethene	8.21	164	8895	0.891 ug/L	95
48) 2-Hexanone	8.35	43	5577	1.002 ug/L #	47
49) Dibromochloromethane	8.21	129	8823	0.892 ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	7233	0.867 ug/L #	87

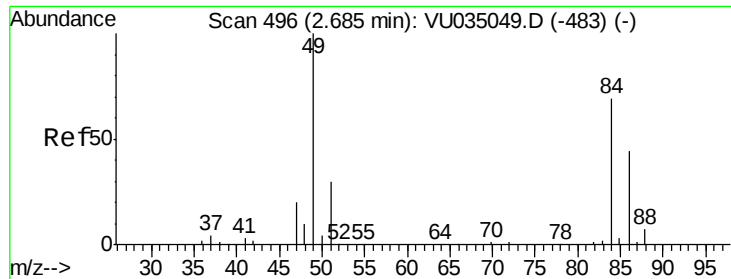
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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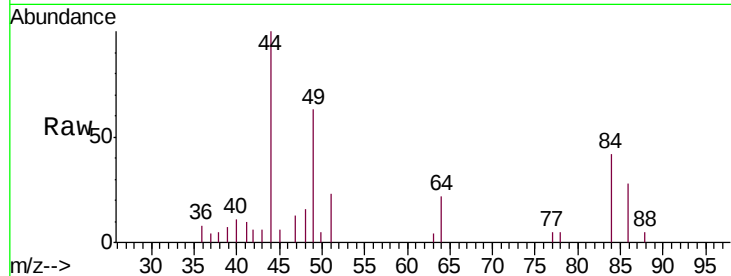




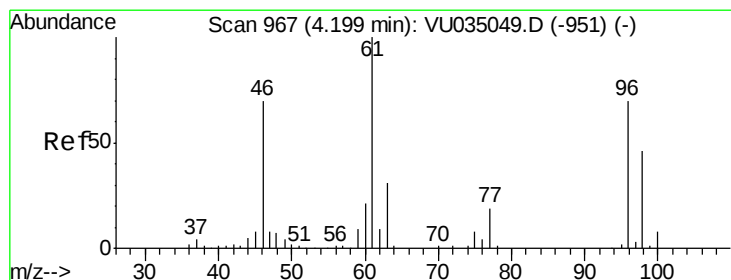
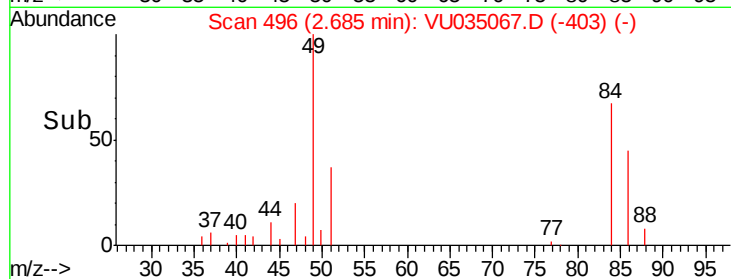
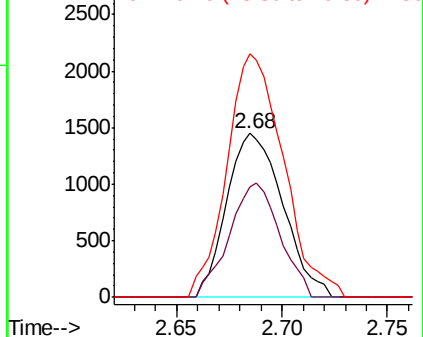
#16
Methylene chloride
Concen: 0.212 ug/L
RT: 2.68 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU035067.D
Acq: 10 Oct 2019 23:03

Instrument :
MSVOA_U
ClientSampleId :
IW-1S-001-01

Tgt Ion: 84 Resp: 2680
Ion Ratio Lower Upper
84 100
86 67.6 42.5 78.9
49 148.5 86.9 161.3

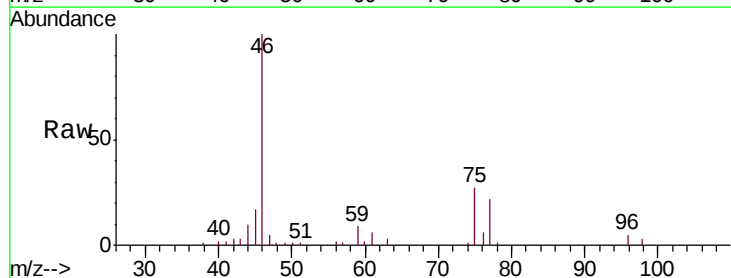


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

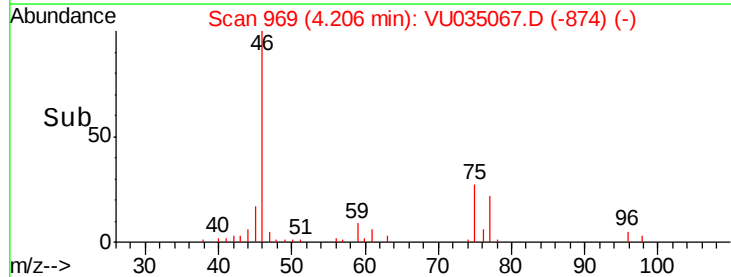
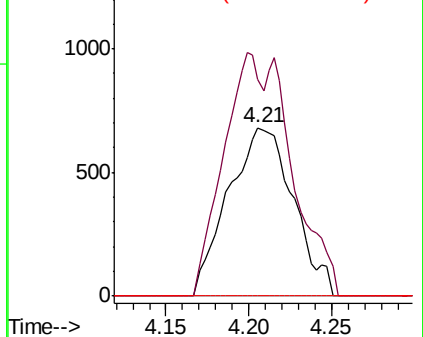


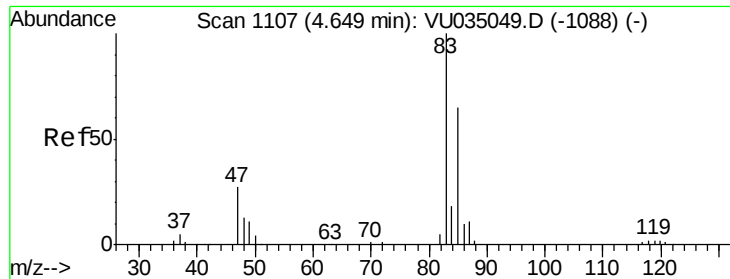
#22
cis-1,2-Dichloroethene
Concen: 0.152 ug/L
RT: 4.21 min Scan# 969
Delta R.T. 0.01 min
Lab File: VU035067.D
Acq: 10 Oct 2019 23:03

Tgt Ion: 96 Resp: 1857
Ion Ratio Lower Upper
96 100
61 128.6 89.2 165.6
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0

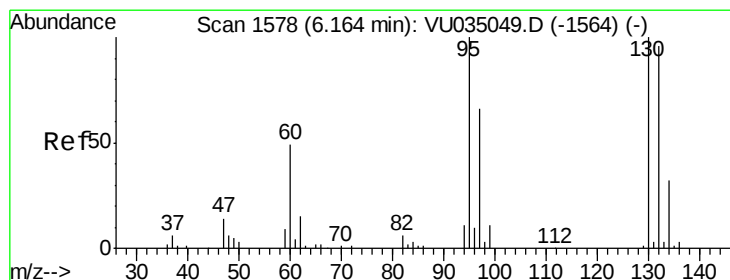
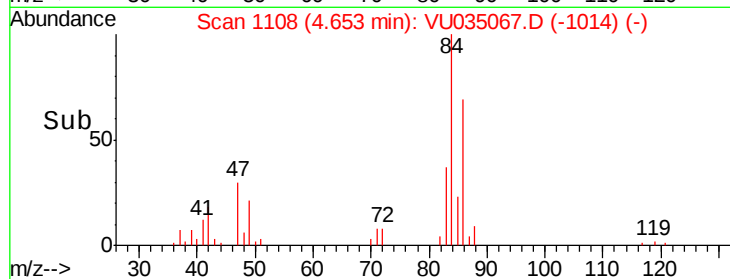
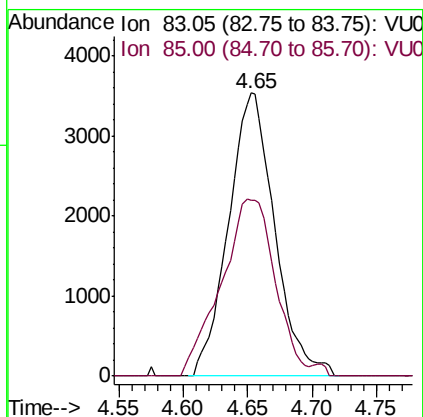
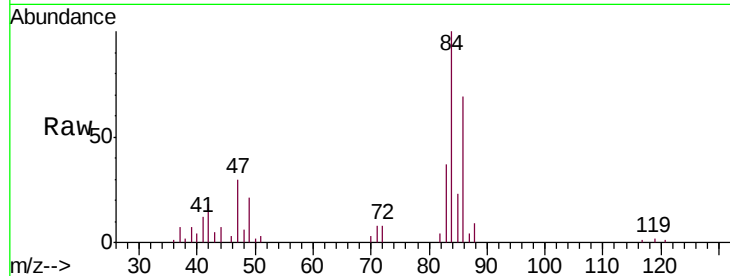




#25
Chloroform
Concen: 0.361 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035067.D
Acq: 10 Oct 2019 23:03

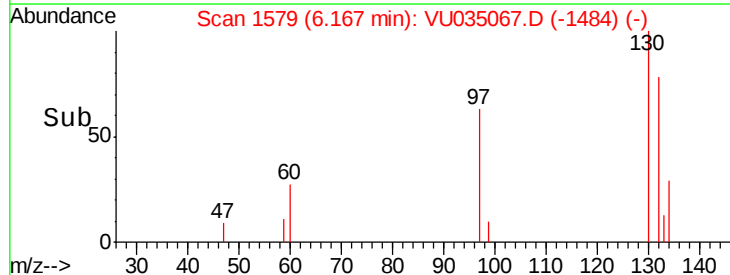
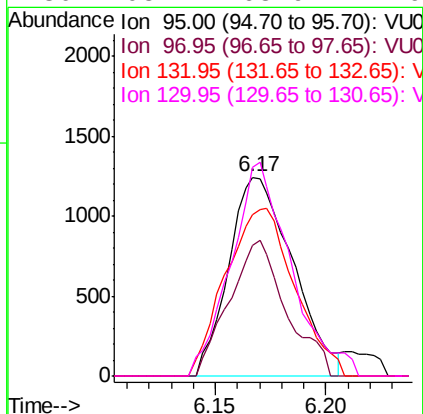
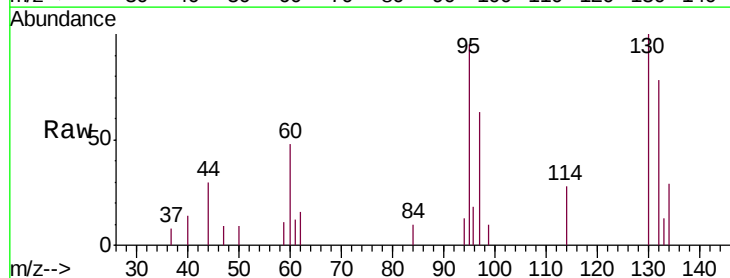
Instrument :
MSVOA_U
ClientSampleId :
IW-1S-001-01

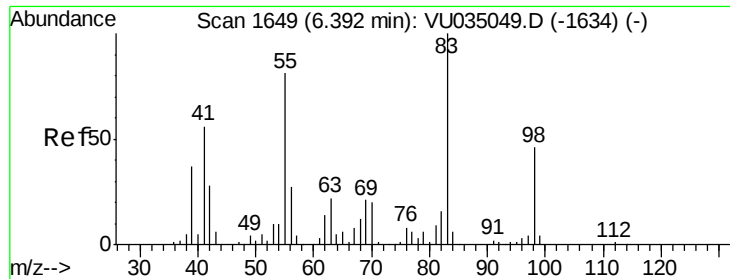
Tgt Ion: 83 Resp: 8816
Ion Ratio Lower Upper
83 100
85 62.1 45.4 84.4



#34
Trichloroethene
Concen: 0.203 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VU035067.D
Acq: 10 Oct 2019 23:03

Tgt Ion: 95 Resp: 2500
Ion Ratio Lower Upper
95 100
97 66.0 44.5 82.7
132 81.5 66.6 123.8
130 105.1 68.9 127.9

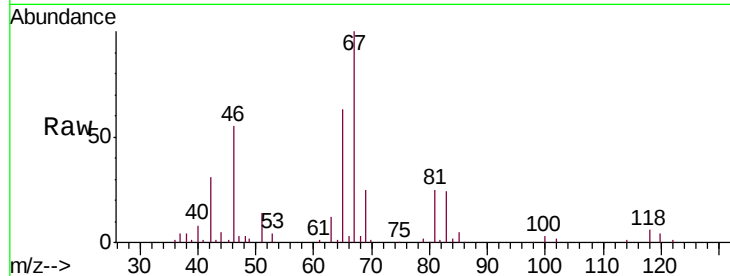




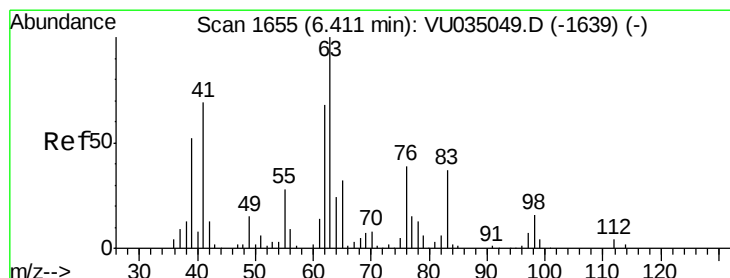
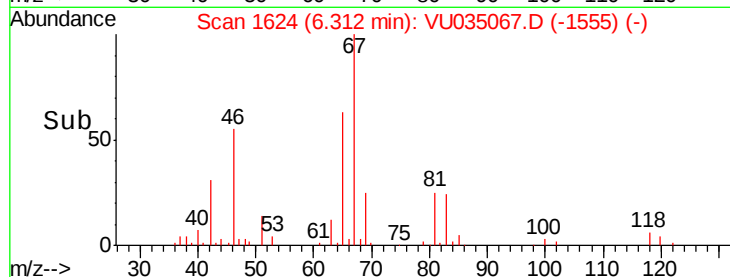
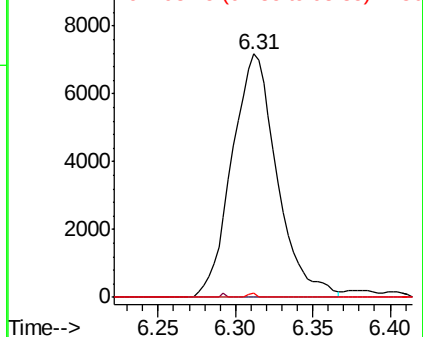
#35
Methylcyclohexane
Concen: 0.729 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035067.D
Acq: 10 Oct 2019 23:03

Instrument :
MSVOA_U
ClientSampleId :
IW-1S-001-01

Tgt Ion: 83 Resp: 14553
Ion Ratio Lower Upper
83 100
55 0.1 62.6 94.0#
98 0.3 36.2 54.2#

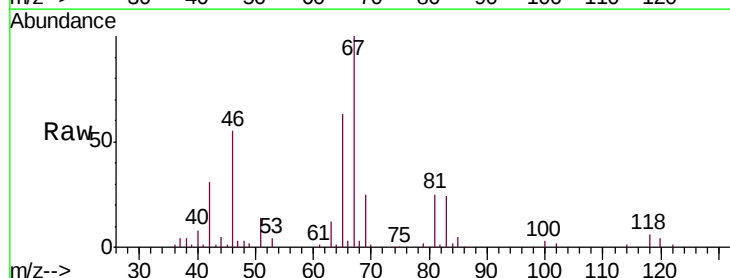


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

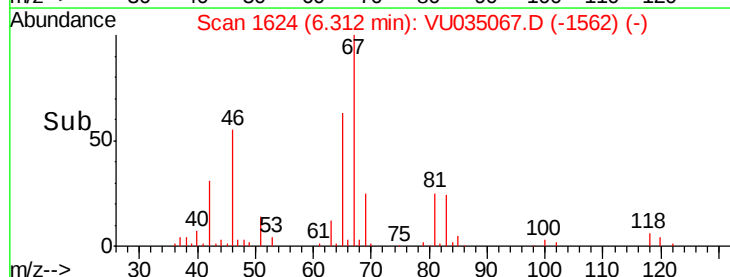
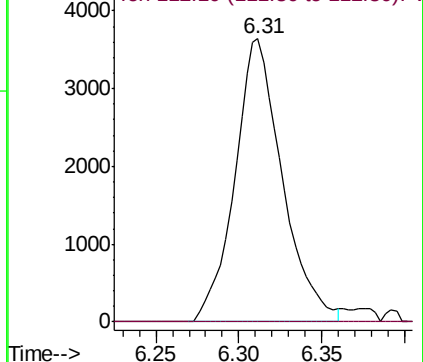


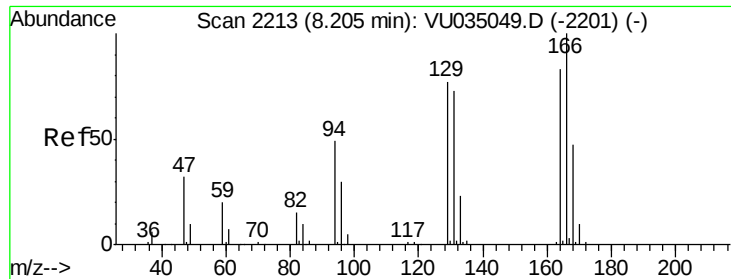
#37
1,2-Dichloropropane
Concen: 0.562 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035067.D
Acq: 10 Oct 2019 23:03

Tgt Ion: 63 Resp: 7241
Ion Ratio Lower Upper
63 100
112 0.6 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

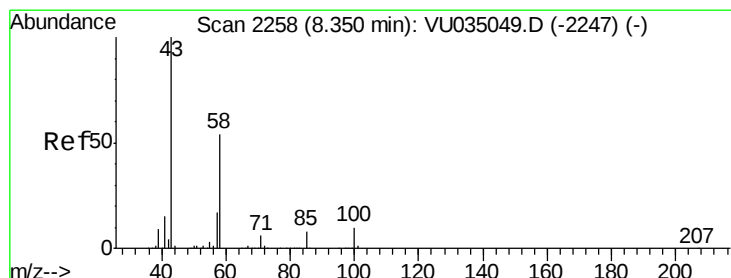
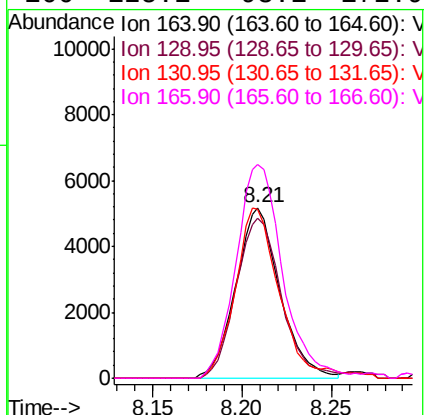
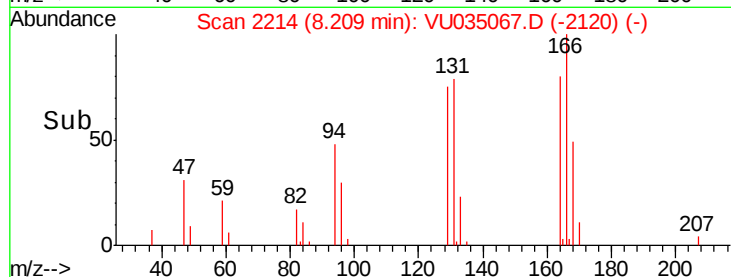
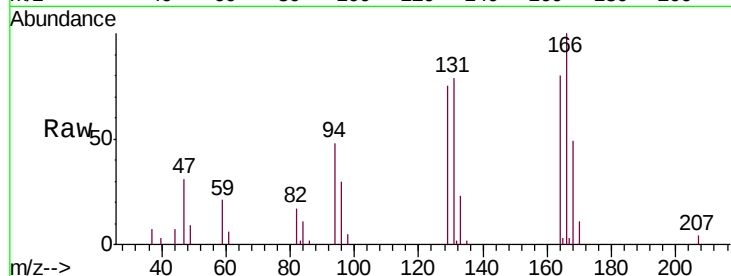




#47
Tetrachloroethene
Concen: 0.891 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU035067.D
Acq: 10 Oct 2019 23:03

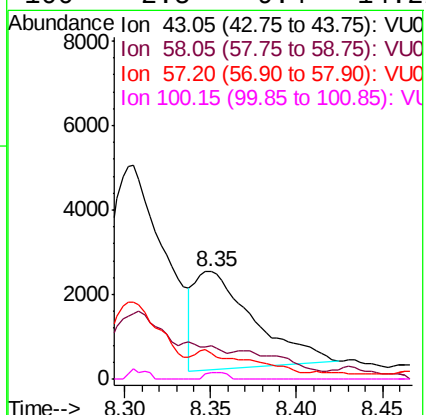
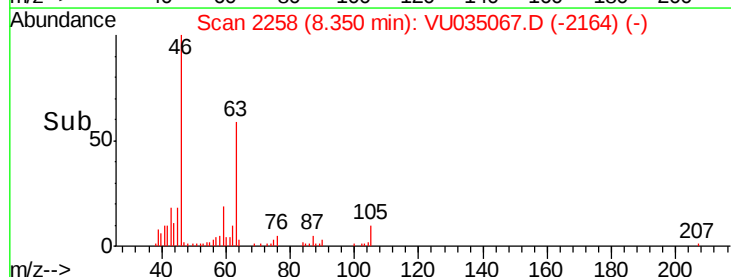
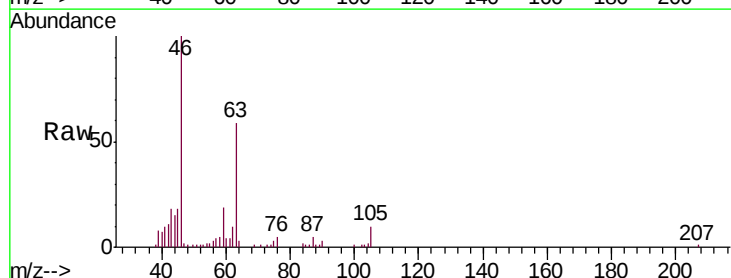
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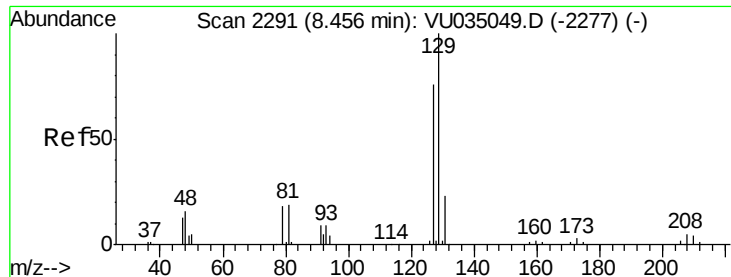
Tgt Ion:	164	Resp:	8895
Ion	Ratio	Lower	Upper
164	100		
129	93.4	68.5	127.1
131	99.0	67.3	124.9
166	125.1	93.1	172.9



#48
2-Hexanone
Concen: 1.002 ug/L
RT: 8.35 min Scan# 2258
Delta R.T. 0.00 min
Lab File: VU035067.D
Acq: 10 Oct 2019 23:03

Tgt Ion:	43	Resp:	5577
Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.1	66.1#
57	22.7	15.8	23.8
100	2.5	9.4	14.2#

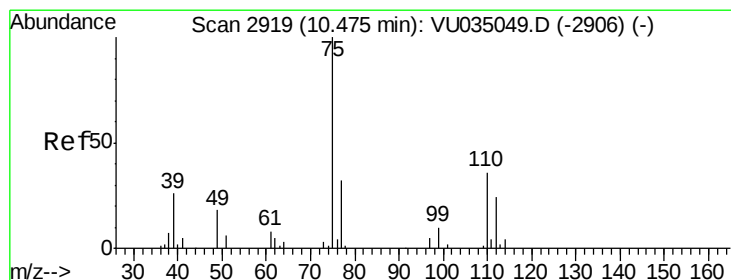
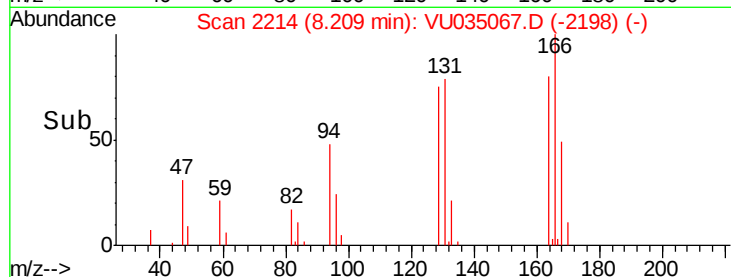
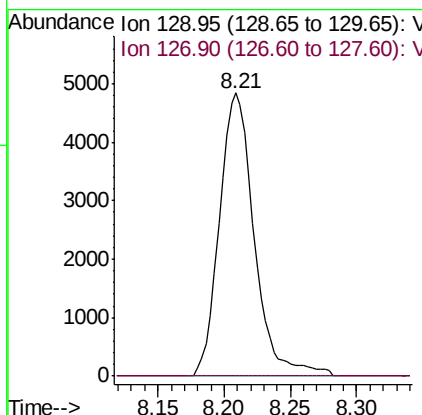
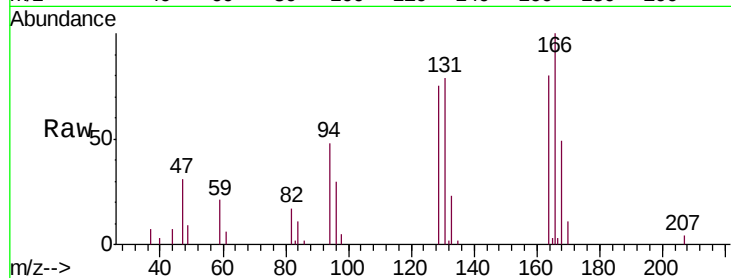




#49
Dibromochloromethane
Concen: 0.892 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU035067.D
Acq: 10 Oct 2019 23:03

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 129 Resp: 8823
Ion Ratio Lower Upper
129 100
127 0.0 51.9 96.5#



#59
1,2,3-Trichloropropane
Concen: 0.867 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 1.00 min
Lab File: VU035067.D
Acq: 10 Oct 2019 23:03

Tgt Ion: 75 Resp: 7233
Ion Ratio Lower Upper
75 100
77 40.5 26.5 39.7#

