

Data File : VU030177.D
Acq On : 18 Mar 2019 16:27
Operator : JC/SP
Sample : K1936-10 50X
Misc : 5.78g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0W8

Quant Time: Mar 19 02:29:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	515016	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	512265	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	240045	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	118088	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.32%
7) Chloroethane-d5	1.68	69	105792	38.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.94%
11) 1,1-Dichloroethene-d2	2.27	63	164436	26.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.48%#
21) 2-Butanone-d5	4.17	46	261304	102.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.38%
24) Chloroform-d	4.65	84	259573	42.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.96%
26) 1,2-Dichloroethane-d4	5.31	65	156305	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.56%
32) Benzene-d6	5.34	84	516542	39.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.34%
36) 1,2-Dichloropropane-d6	6.33	67	175627	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.04%
41) Toluene-d8	7.56	98	451157	36.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.08%#
43) trans-1,3-Dichloropropene-	7.85	79	76631	39.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.40%
47) 2-Hexanone-d5	8.31	63	210600	93.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	283596	45.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	203584	43.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.56%

Target Compounds

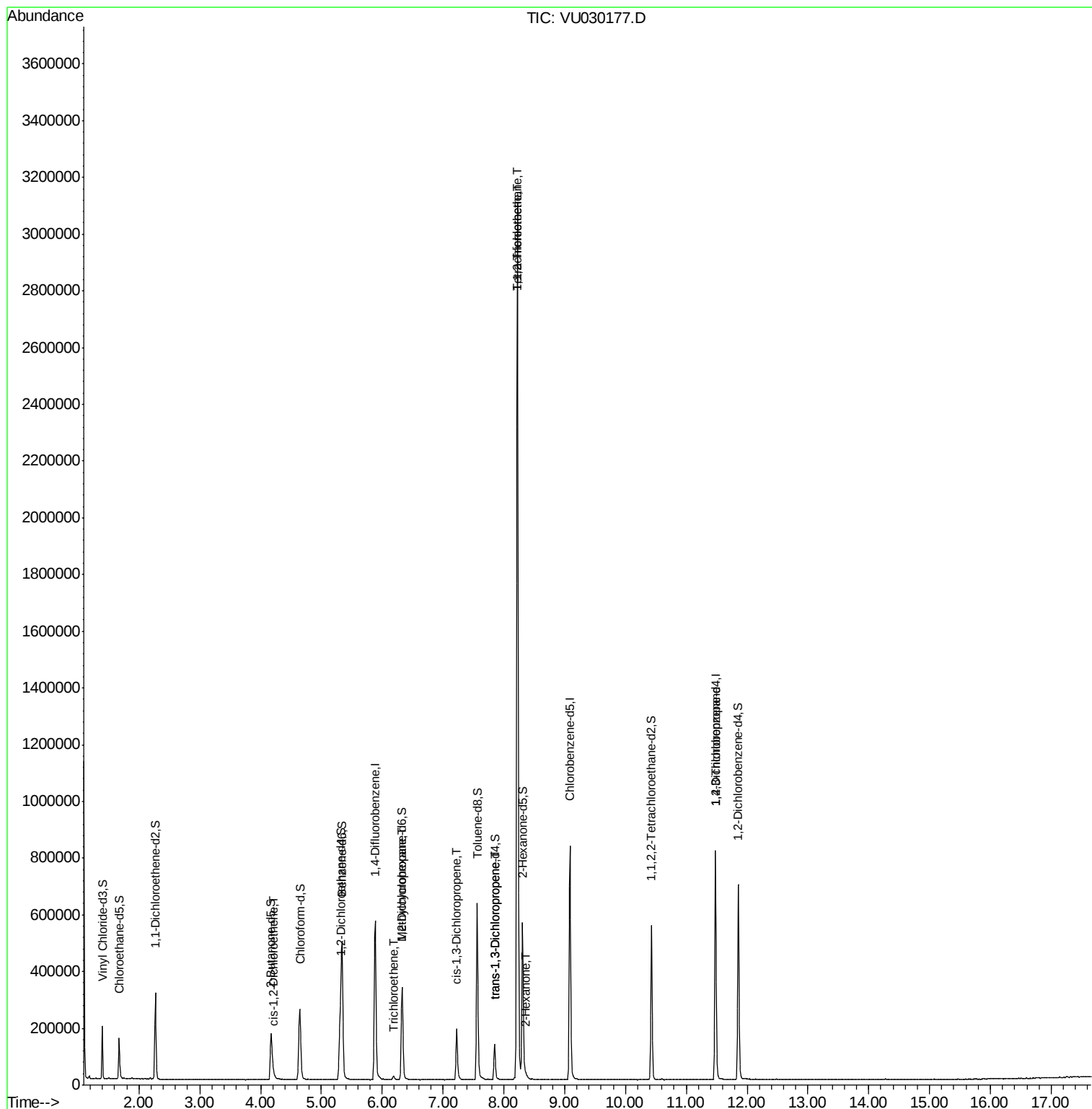
						Qvalue
20) cis-1,2-Dichloroethene	4.22	96	2656	0.664	ug/L	85
34) Trichloroethene	6.19	95	5028	1.309	ug/L	98
35) Methylcyclohexane	6.33	83	39609	6.358	ug/L #	22
39) cis-1,3-Dichloropropene	7.22	75	3789	0.631	ug/L #	52
44) trans-1,3-Dichloropropene	7.85	75	2988	0.545	ug/L #	79
45) 1,1,2-Trichloroethane	8.22	97	5469	1.418	ug/L #	1
46) Tetrachloroethene	8.22	164	764032	227.246	ug/L	99
48) 2-Hexanone	8.37	43	5178	1.166	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	24252	4.830	ug/L	93

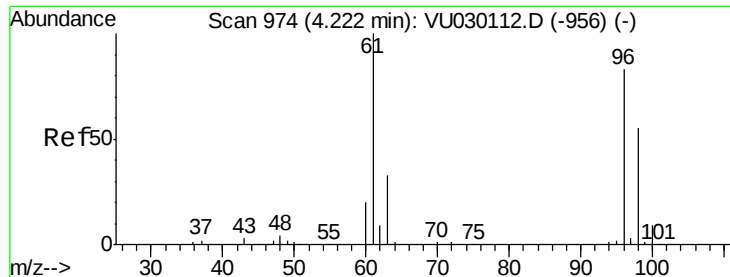
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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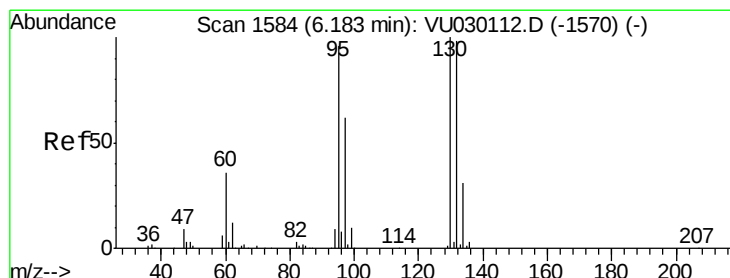
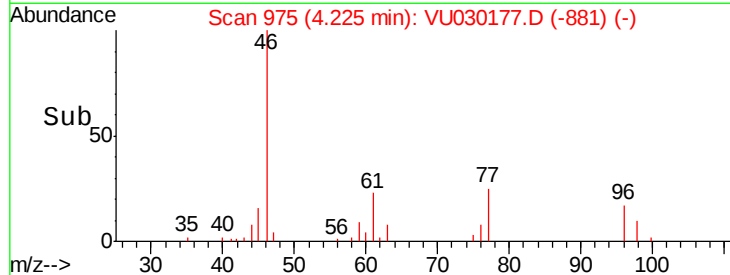
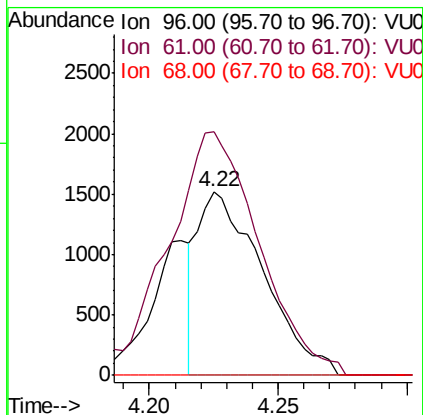
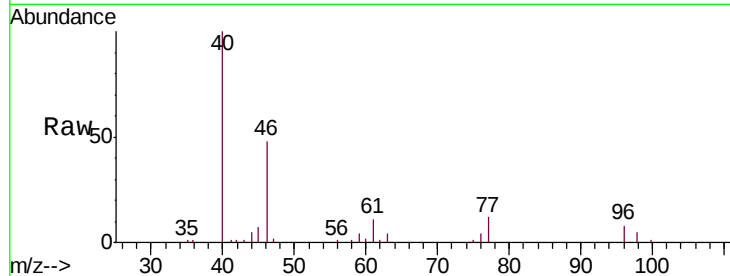




#20
 cis-1,2-Dichloroethene
 Concen: 0.664 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: VU030177.D
 Acq: 18 Mar 2019 16:27

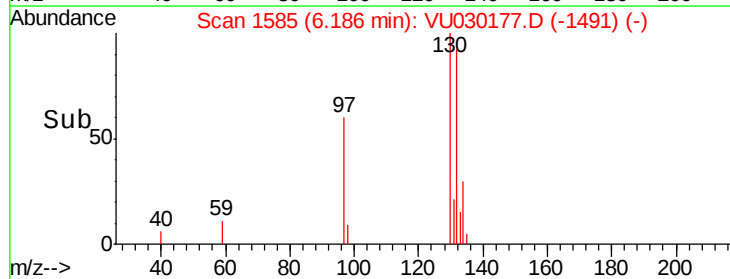
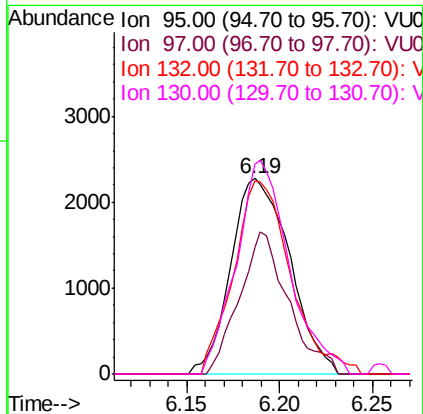
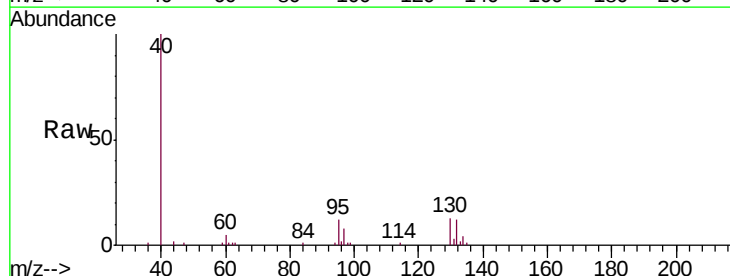
Instrument :
 MSVOA_U
 ClientSampled :
 BF0W8

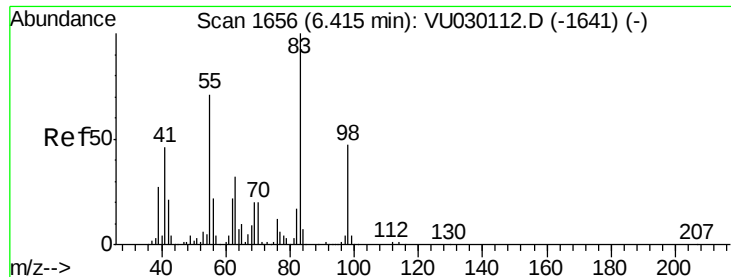
Tgt Ion: 96 Resp: 2656
 Ion Ratio Lower Upper
 96 100
 61 132.3 80.8 150.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.309 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VU030177.D
 Acq: 18 Mar 2019 16:27

Tgt Ion: 95 Resp: 5028
 Ion Ratio Lower Upper
 95 100
 97 64.5 45.5 84.5
 132 98.7 71.5 132.7
 130 107.5 73.5 136.5

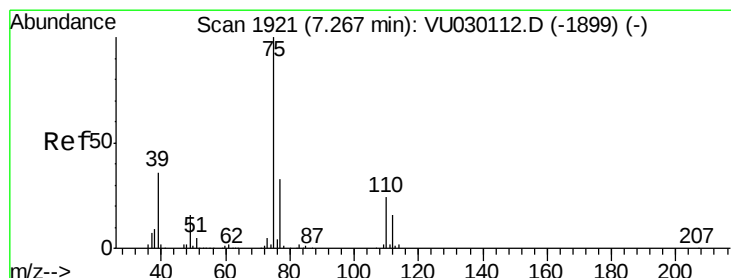
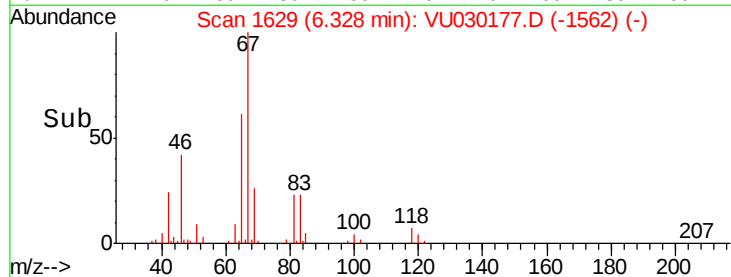
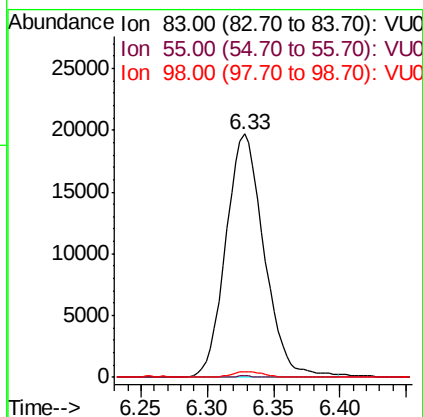
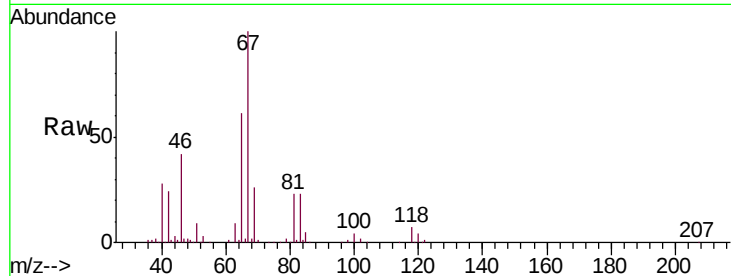




#35
Methylcyclohexane
Concen: 6.358 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030177.D
Acq: 18 Mar 2019 16:27

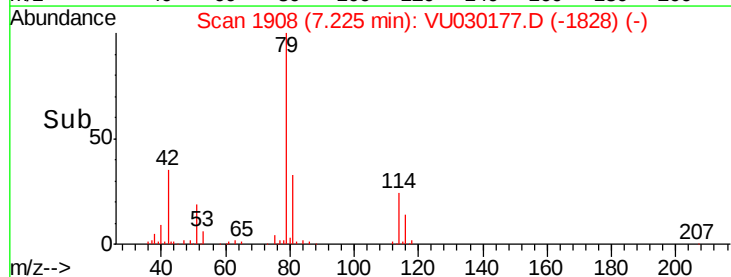
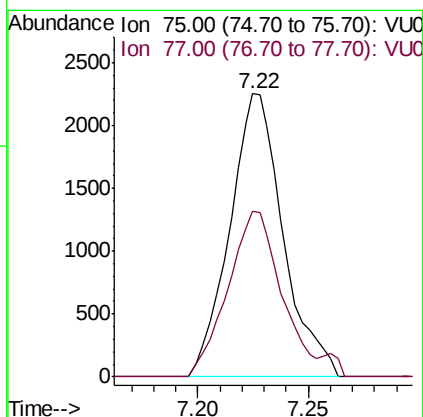
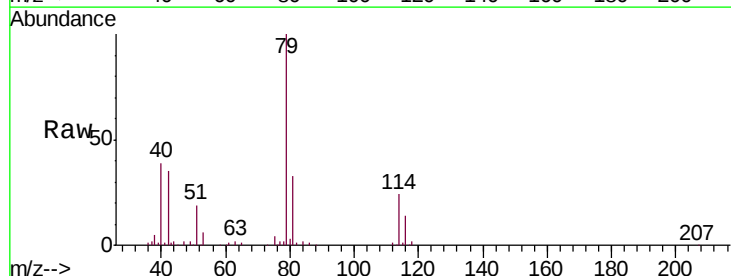
Instrument :
MSVOA_U
ClientSampleId :
BF0W8

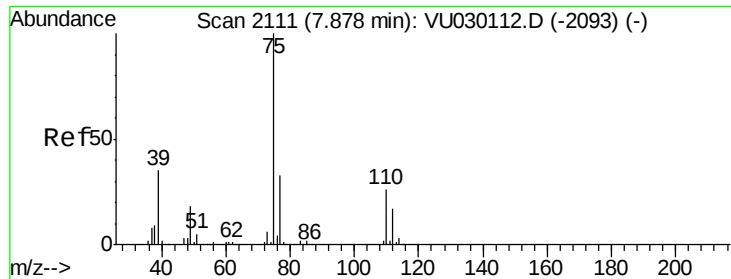
Tgt Ion: 83 Resp: 39609
Ion Ratio Lower Upper
83 100
55 0.2 56.6 84.8#
98 1.9 37.8 56.6#



#39
cis-1,3-Dichloropropene
Concen: 0.631 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030177.D
Acq: 18 Mar 2019 16:27

Tgt Ion: 75 Resp: 3789
Ion Ratio Lower Upper
75 100
77 58.6 22.2 41.2#

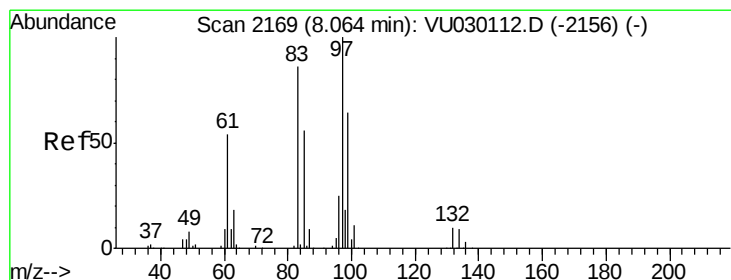
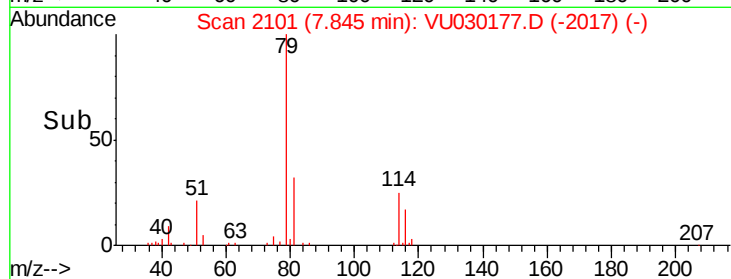
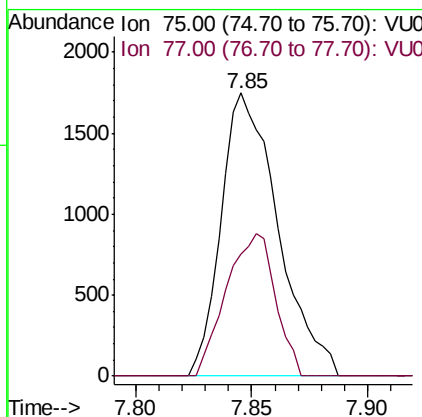
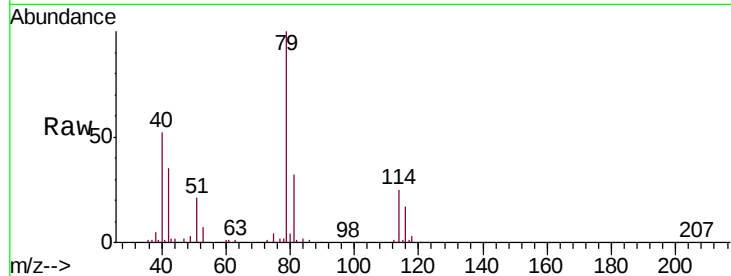




#44
trans-1,3-Dichloropropene
Concen: 0.545 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030177.D
Acq: 18 Mar 2019 16:27

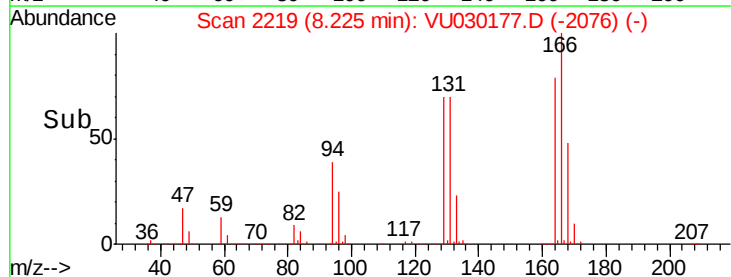
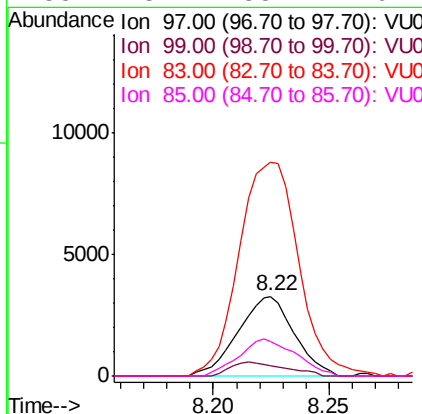
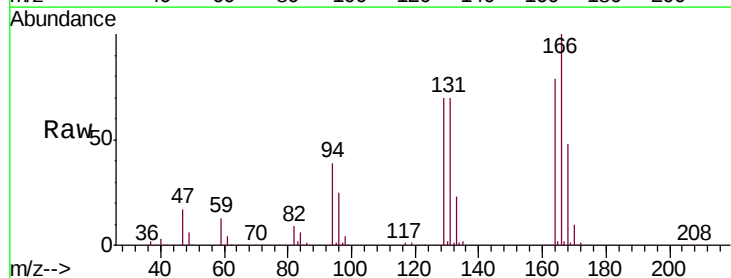
Instrument :
MSVOA_U
ClientSampleId :
BF0W8

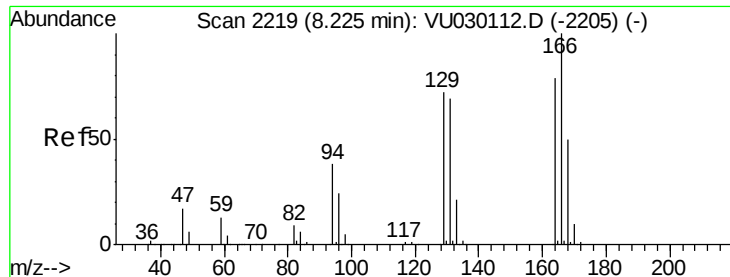
Tgt Ion: 75 Resp: 2988
Ion Ratio Lower Upper
75 100
77 43.1 21.9 40.7#



#45
1,1,2-Trichloroethane
Concen: 1.418 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.16 min
Lab File: VU030177.D
Acq: 18 Mar 2019 16:27

Tgt Ion: 97 Resp: 5469
Ion Ratio Lower Upper
97 100
99 13.6 44.7 82.9#
83 269.2 58.6 108.8#
85 43.1 38.1 70.7

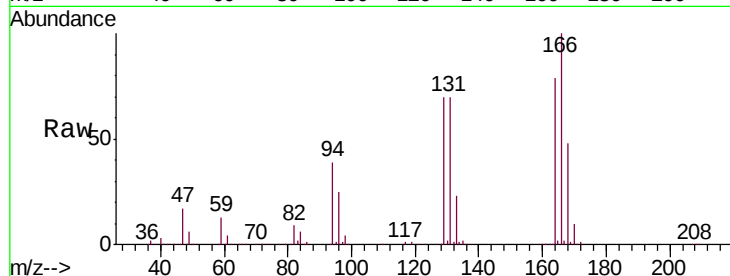




#46
Tetrachloroethene
Concen: 227.246 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030177.D
Acq: 18 Mar 2019 16:27

Instrument :
MSVOA_U
ClientSampleId :
BF0W8

Tgt Ion	Ratio	Lower	Upper
164	100		
129	89.2	63.3	117.7
131	89.1	62.0	115.2
166	126.7	90.5	168.1



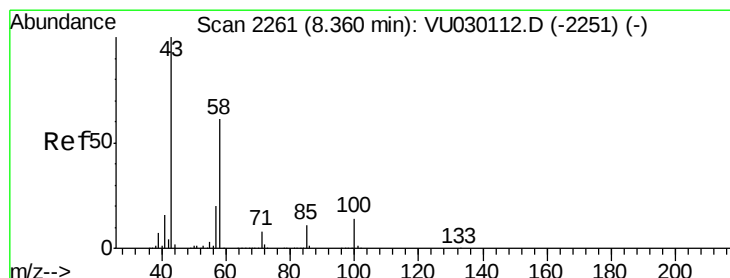
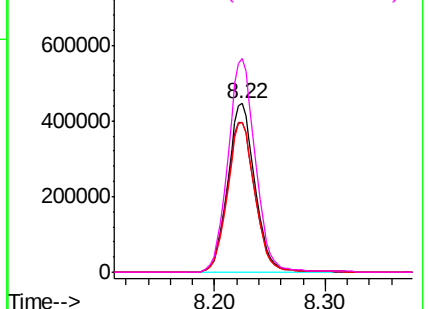
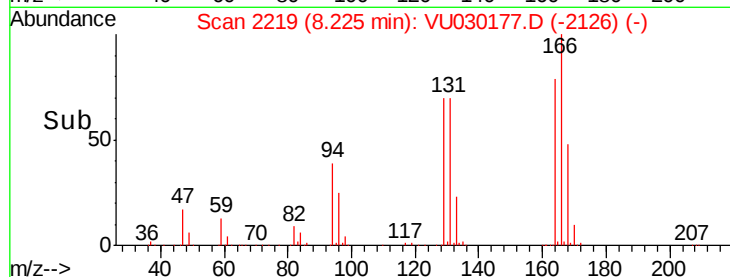
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

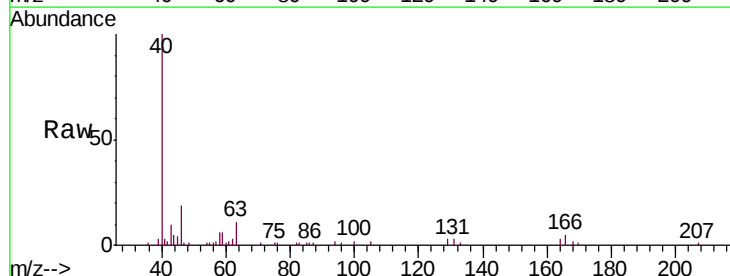
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 1.166 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030177.D
Acq: 18 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.1	48.6	72.8#
57	1.7	16.1	24.1#
100	7.9	11.6	17.4#



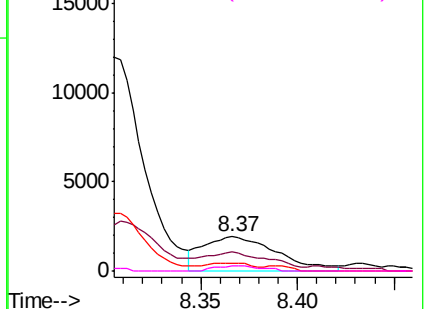
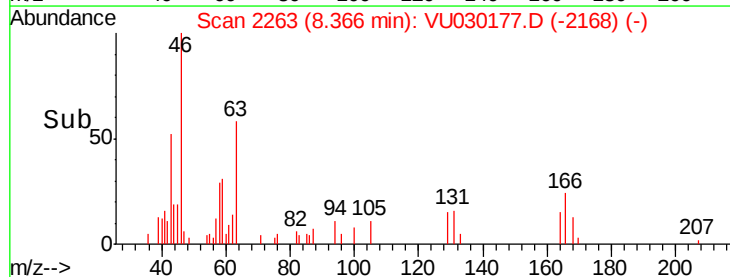
Abundance

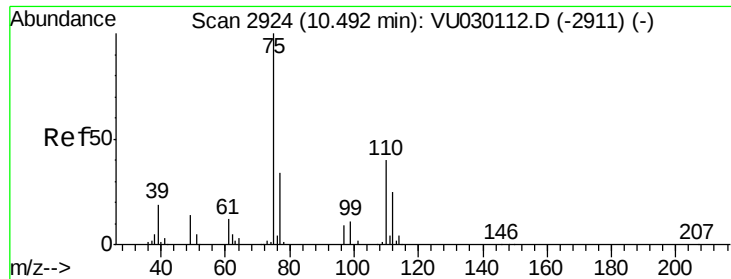
Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.830 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030177.D

Acq: 18 Mar 2019 16:27

Instrument :

MSVOA_U

ClientSampleId :

BF0W8

Tgt Ion: 75 Resp: 24252

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.8

