

Data File : VU035914.D
Acq On : 29 Nov 2019 11:43
Operator : JC/SP
Sample : K6061-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XQ7

Quant Time: Nov 30 03:23:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 30 03:20:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	229479	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	267725	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	74796	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	123574	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.93	69	119623	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.59	63	154741	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	4.69	46	229685	33.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.22%
24) Chloroform-d	5.11	84	211777	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.75	65	119013	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	5.77	84	416233	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	6.73	67	146959	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.93	98	337005	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	8.21	79	51412	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.69	63	216045	40.14	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.28%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	117024	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	80693	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

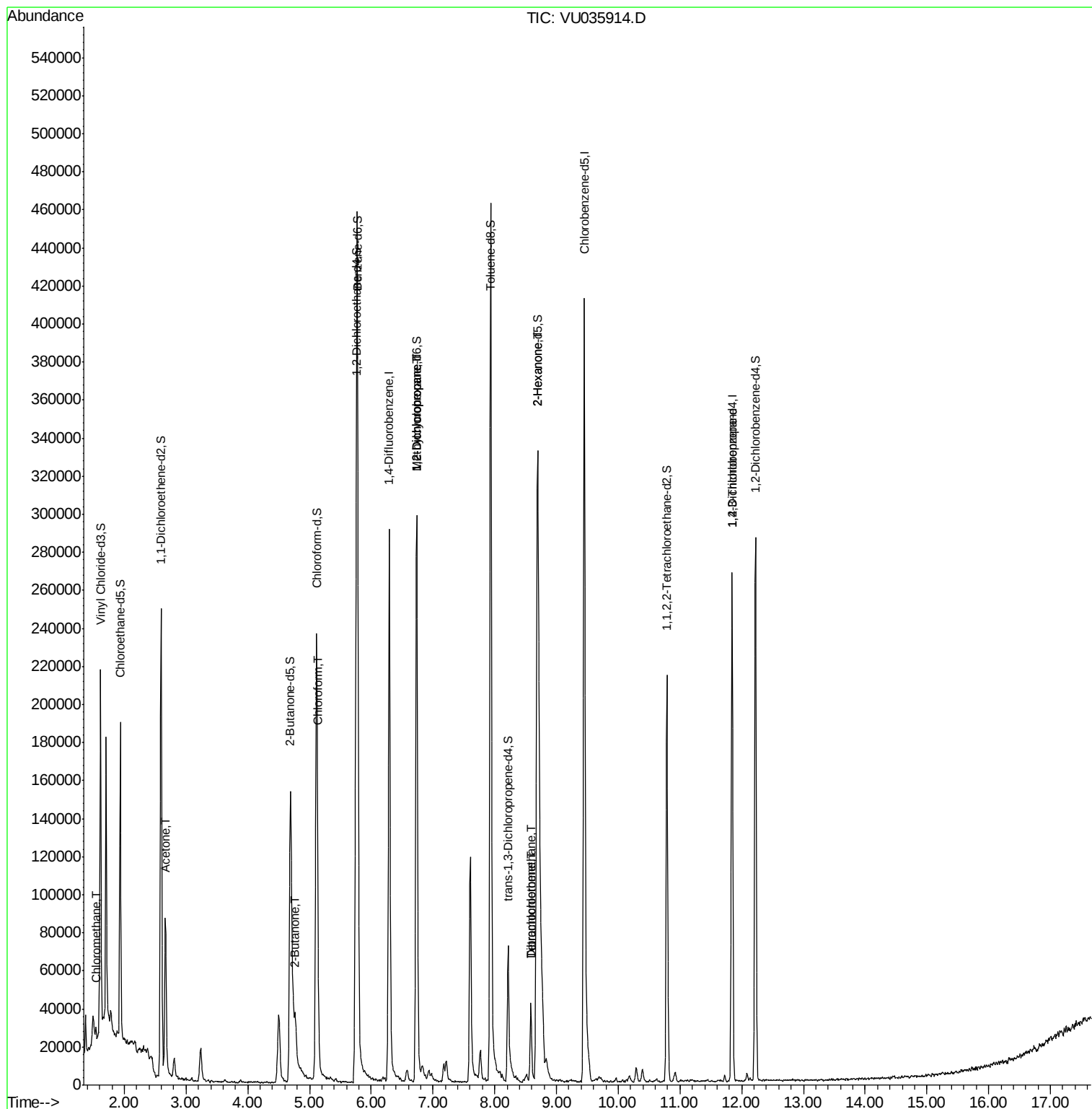
					Qvalue
3) Chloromethane	1.54	50	4750	0.124 ug/L	95
13) Acetone	2.66	43	98797	16.215 ug/L	100
21) 2-Butanone	4.77	43	34682	4.498 ug/L	98
25) Chloroform	5.14	83	15868	0.309 ug/L	100
35) Methylcyclohexane	6.73	83	32444	0.807 ug/L #	14
37) 1,2-Dichloropropane	6.74	63	15579	0.492 ug/L #	91
47) Tetrachloroethene	8.58	164	8973	0.430 ug/L	91
48) 2-Hexanone	8.69	43	14289	0.997 ug/L #	72
49) Dibromochloromethane	8.58	129	9128	0.375 ug/L #	12
59) 1,2,3-Trichloropropane	11.85	75	9697	0.471 ug/L	92

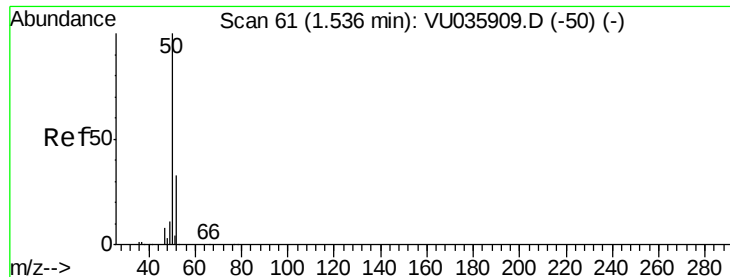
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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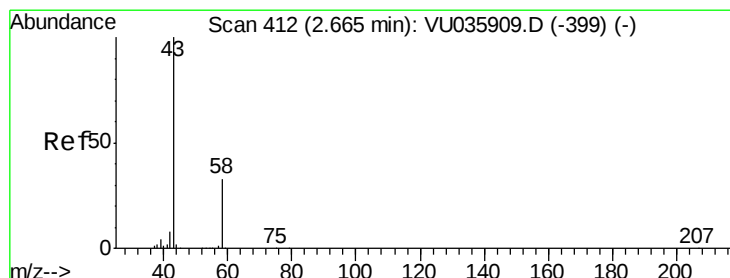
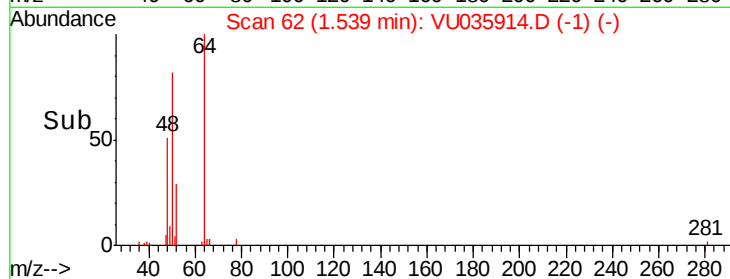
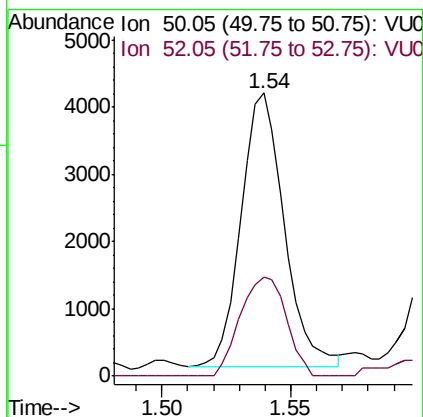
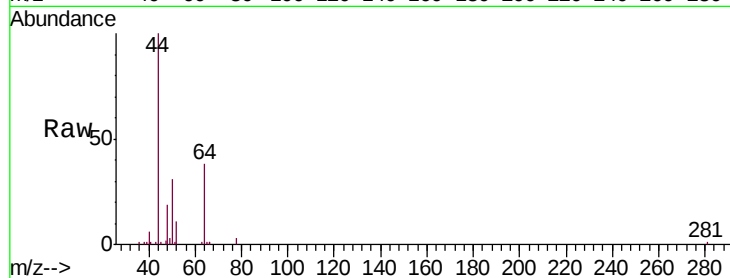




#3
Chloromethane
Concen: 0.124 ug/L
RT: 1.54 min Scan# 62
Delta R.T. 0.00 min
Lab File: VU035914.D
Acq: 29 Nov 2019 11:43

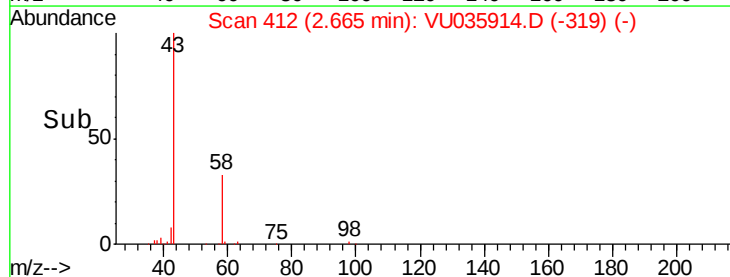
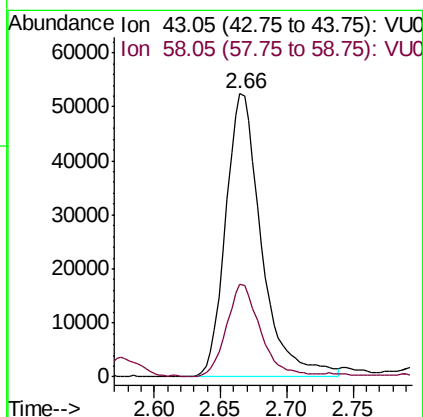
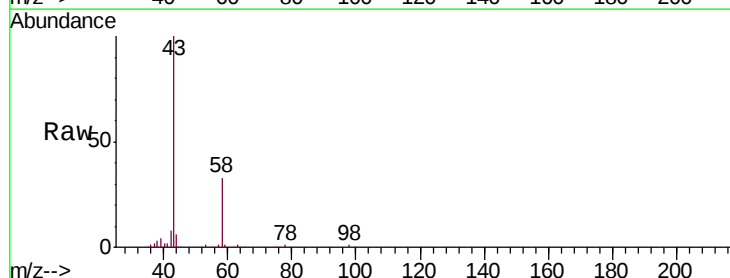
Instrument :
MSVOA_U
ClientSampleId :
C0XQ7

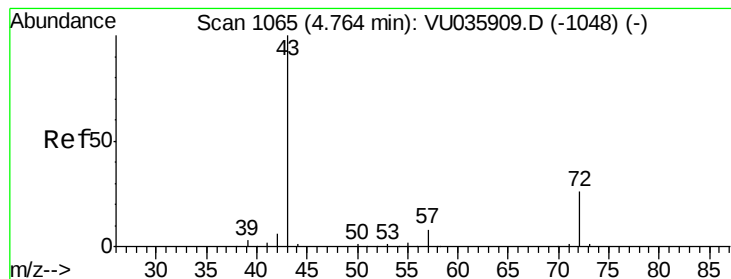
Tgt Ion: 50 Resp: 4750
Ion Ratio Lower Upper
50 100
52 35.1 22.7 42.3



#13
Acetone
Concen: 16.215 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.00 min
Lab File: VU035914.D
Acq: 29 Nov 2019 11:43

Tgt Ion: 43 Resp: 98797
Ion Ratio Lower Upper
43 100
58 30.7 0.0 61.2





#21

2-Butanone

Concen: 4.498 ug/L

RT: 4.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VU035914.D

Acq: 29 Nov 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

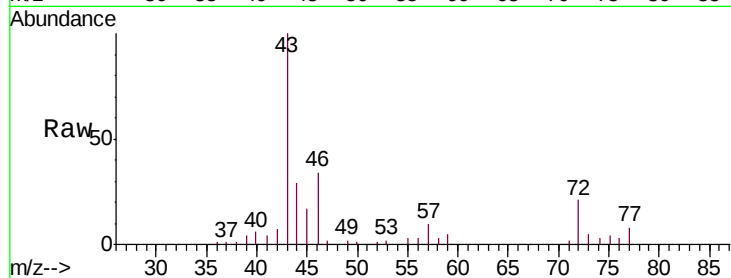
C0XQ7

Tgt Ion: 43 Resp: 34682

Ion Ratio Lower Upper

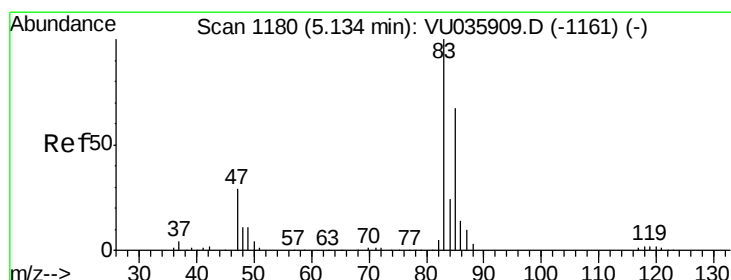
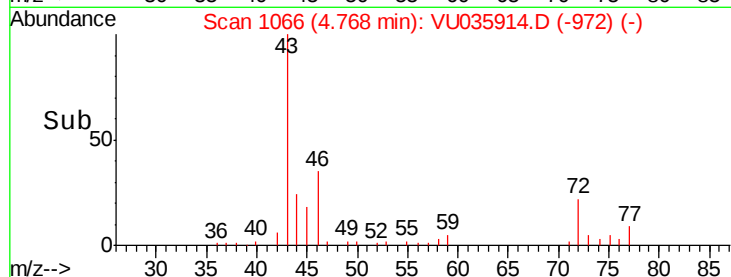
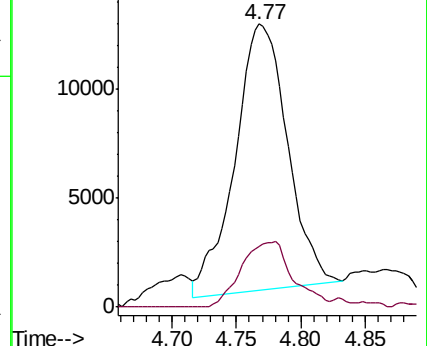
43 100

72 24.1 12.4 37.4



Abundance Ion 43.05 (42.75 to 43.75): VU035914.D (-1048) (-)

Ion 72.10 (71.80 to 72.80): VU035914.D (-1048) (-)



#25

Chloroform

Concen: 0.309 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU035914.D

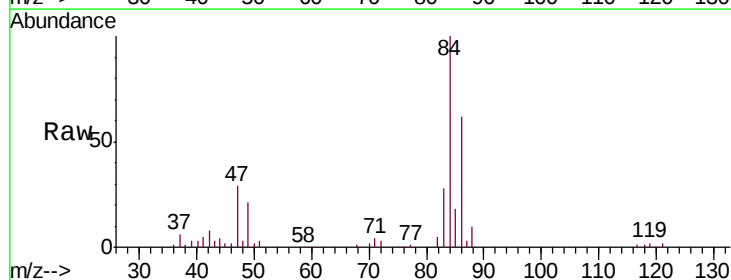
Acq: 29 Nov 2019 11:43

Tgt Ion: 83 Resp: 15868

Ion Ratio Lower Upper

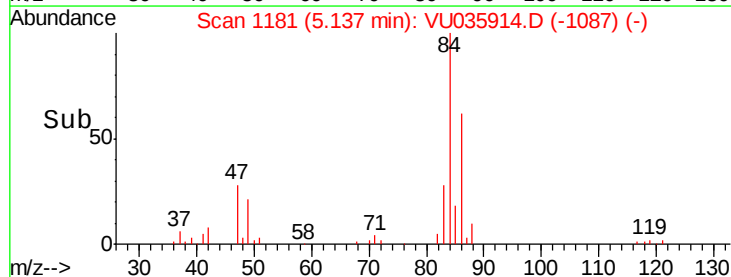
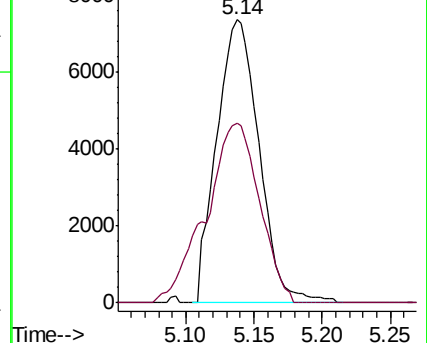
83 100

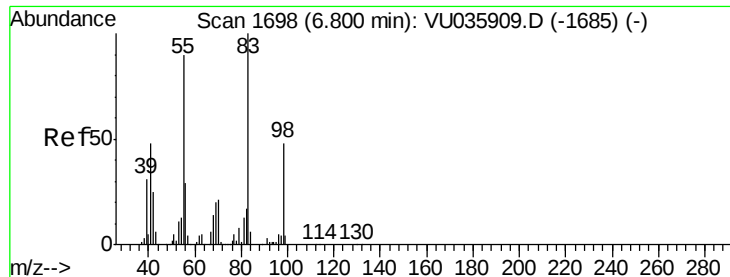
85 63.5 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU035914.D (-1087) (-)

Ion 85.00 (84.70 to 85.70): VU035914.D (-1087) (-)

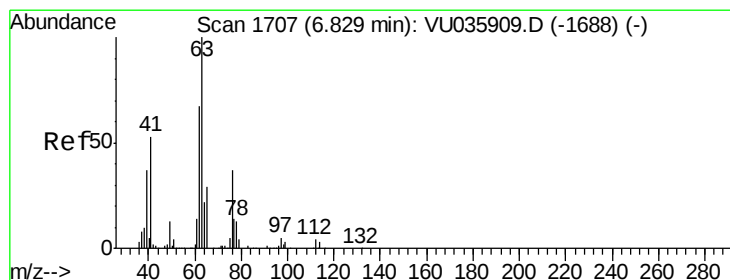
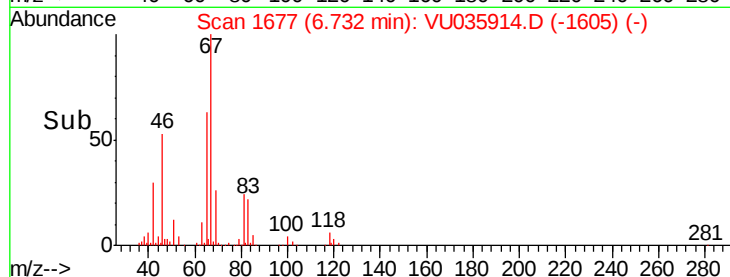
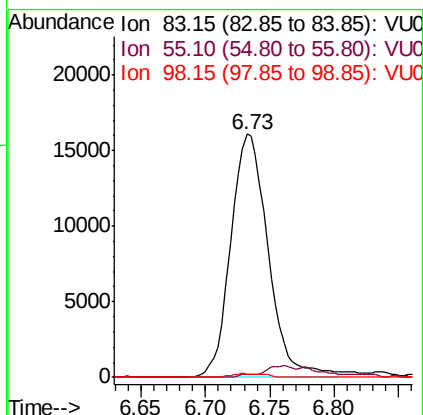
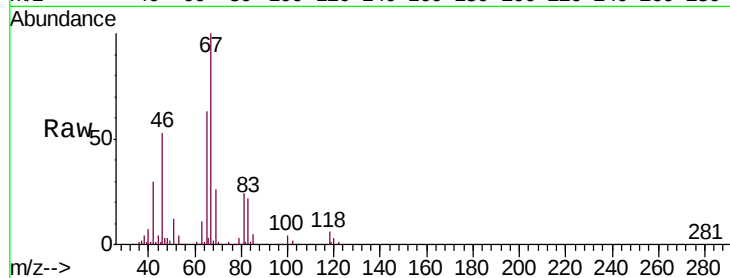




#35
Methylcyclohexane
Concen: 0.807 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035914.D
Acq: 29 Nov 2019 11:43

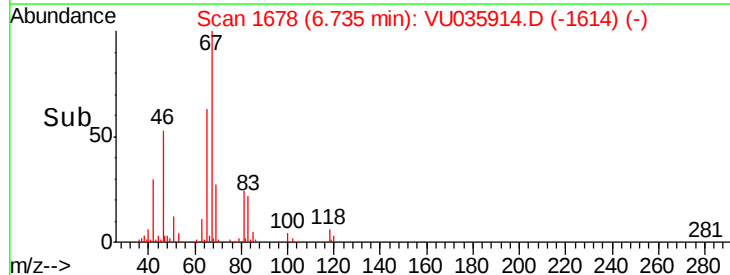
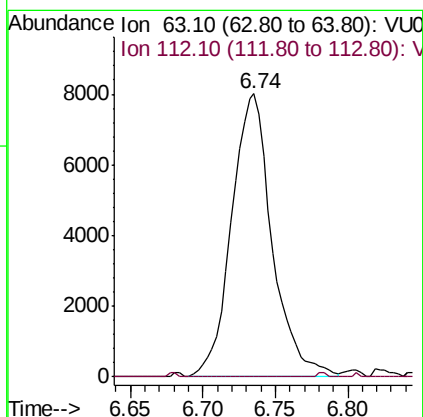
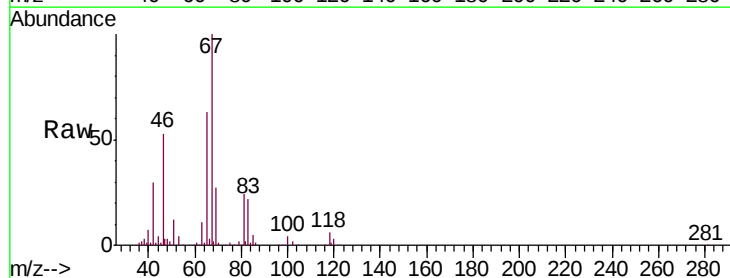
Instrument :
MSVOA_U
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C0XQ7

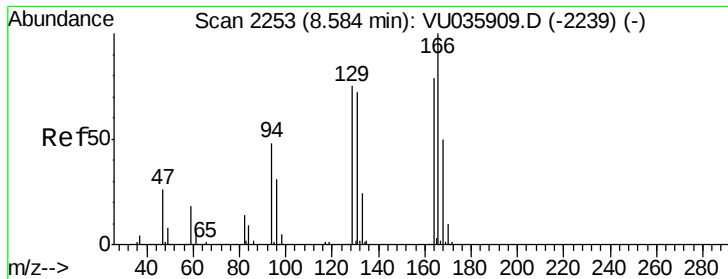
Tgt Ion: 83 Resp: 32444
Ion Ratio Lower Upper
83 100
55 0.5 72.7 109.1#
98 1.3 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.492 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.09 min
Lab File: VU035914.D
Acq: 29 Nov 2019 11:43

Tgt Ion: 63 Resp: 15579
Ion Ratio Lower Upper
63 100
112 0.3 2.7 4.1#

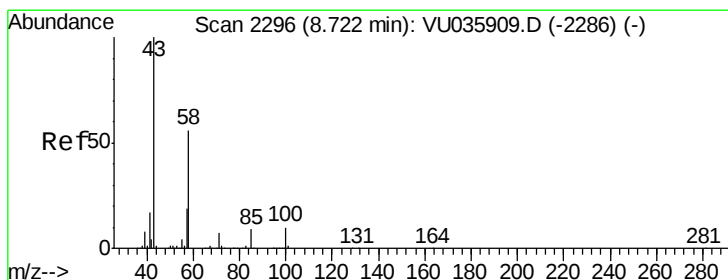
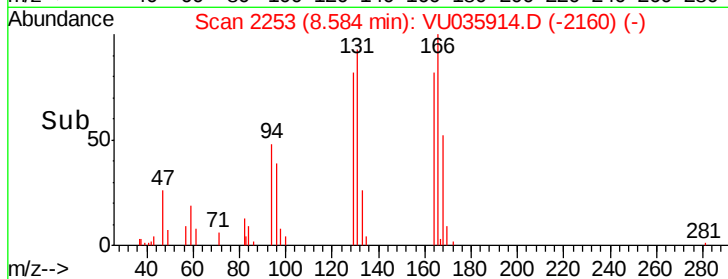
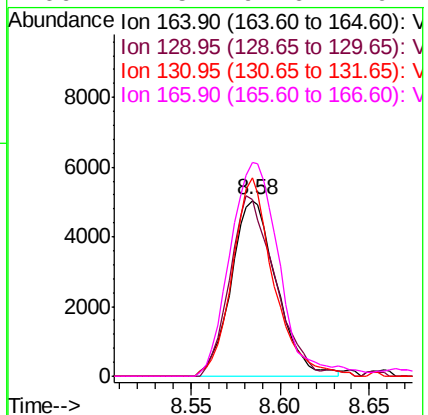
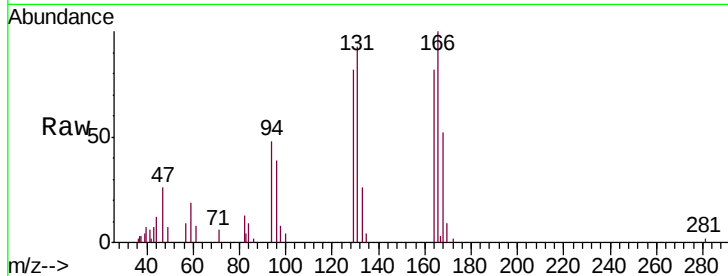




#47
Tetrachloroethene
Concen: 0.430 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035914.D
Acq: 29 Nov 2019 11:43

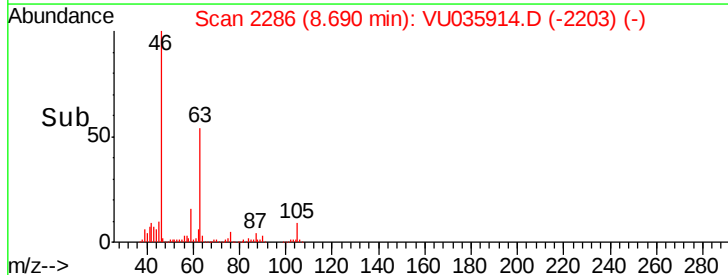
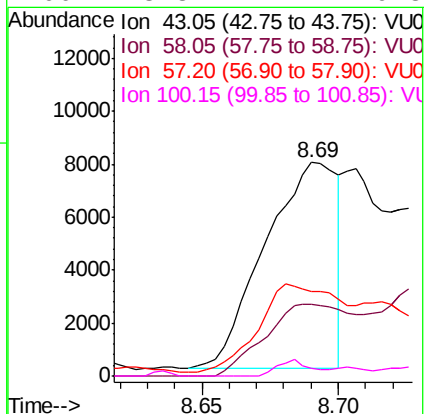
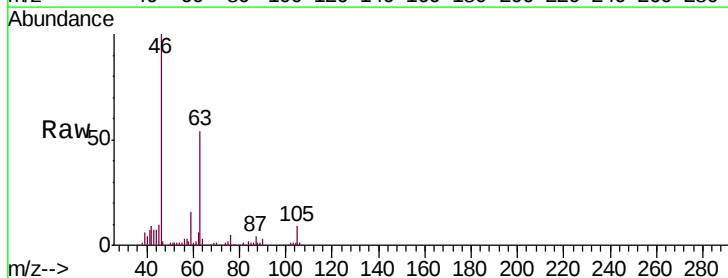
Instrument :
MSVOA_U
ClientSampleId :
C0XQ7

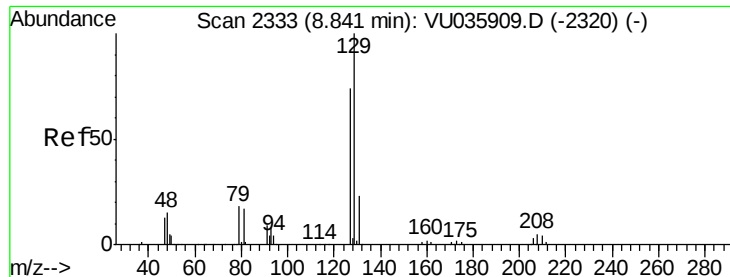
Tgt Ion:164 Resp: 8973
Ion Ratio Lower Upper
164 100
129 100.2 68.8 127.8
131 112.8 67.3 124.9
166 121.5 91.6 170.2



#48
2-Hexanone
Concen: 0.997 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.03 min
Lab File: VU035914.D
Acq: 29 Nov 2019 11:43

Tgt Ion: 43 Resp: 14289
Ion Ratio Lower Upper
43 100
58 40.6 39.8 59.8
57 50.3 14.0 21.0#
100 3.8 7.2 10.8#





#49

Dibromochloromethane

Concen: 0.375 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.26 min

Lab File: VU035914.D

Acq: 29 Nov 2019 11:43

Instrument :

MSVOA_U

ClientSampleId :

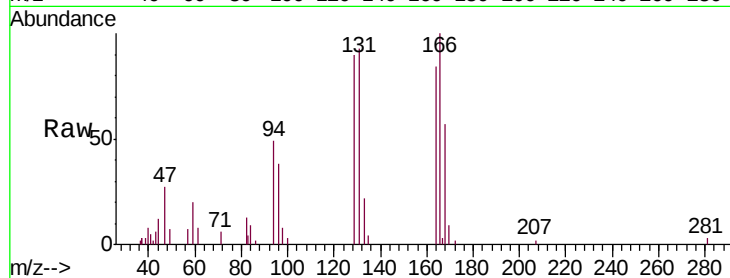
C0XQ7

Tgt Ion:129 Resp: 9128

Ion Ratio Lower Upper

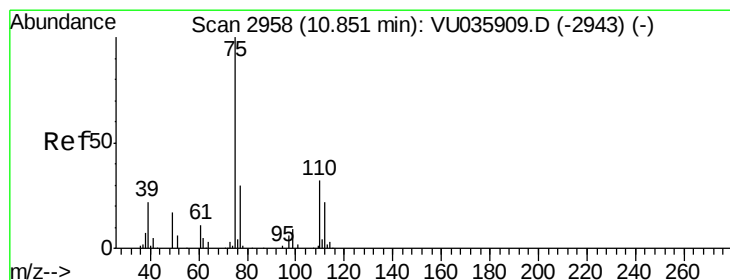
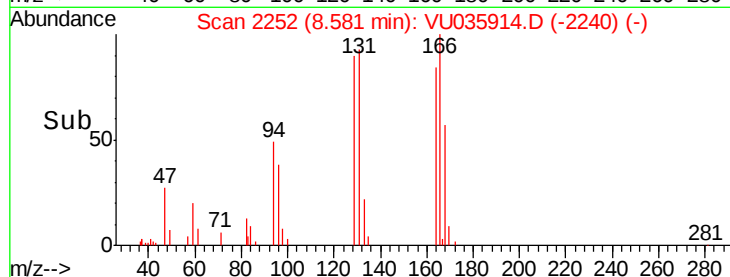
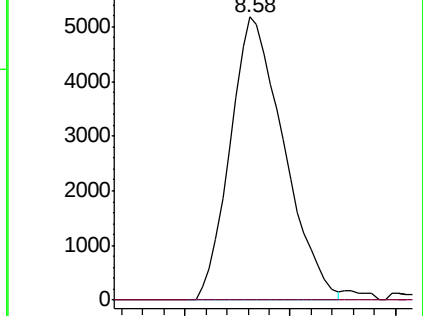
129 100

127 0.0 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.471 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. 1.00 min

Lab File: VU035914.D

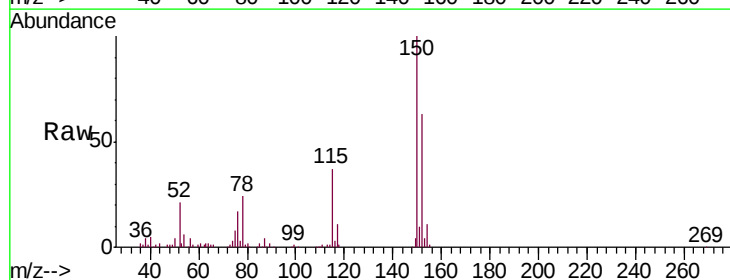
Acq: 29 Nov 2019 11:43

Tgt Ion: 75 Resp: 9697

Ion Ratio Lower Upper

75 100

77 36.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

