

Data File : VU033877.D
Acq On : 21 Aug 2019 17:23
Operator : JC/SP
Sample : K4420-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B38DL

Quant Time: Aug 22 07:22:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 07:18:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	406515	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	410202	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	171794	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	156684	42.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.68%
7) Chloroethane-d5	1.67	69	143299	41.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.78%
11) 1,1-Dichloroethene-d2	2.25	63	213309	34.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.80%
21) 2-Butanone-d5	4.15	46	175667	91.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.59%
24) Chloroform-d	4.62	84	264993	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
26) 1,2-Dichloroethane-d4	5.29	65	174240	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
32) Benzene-d6	5.32	84	530070	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
36) 1,2-Dichloropropane-d6	6.31	67	173394	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.10%
41) Toluene-d8	7.55	98	457512	43.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.16%
43) trans-1,3-Dichloropropene-	7.83	79	73284	42.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.38%
47) 2-Hexanone-d5	8.29	63	118333	86.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.24%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	242148	47.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.06%
64) 1,2-Dichlorobenzene-d4	11.84	152	174740	51.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.08%

Target Compounds

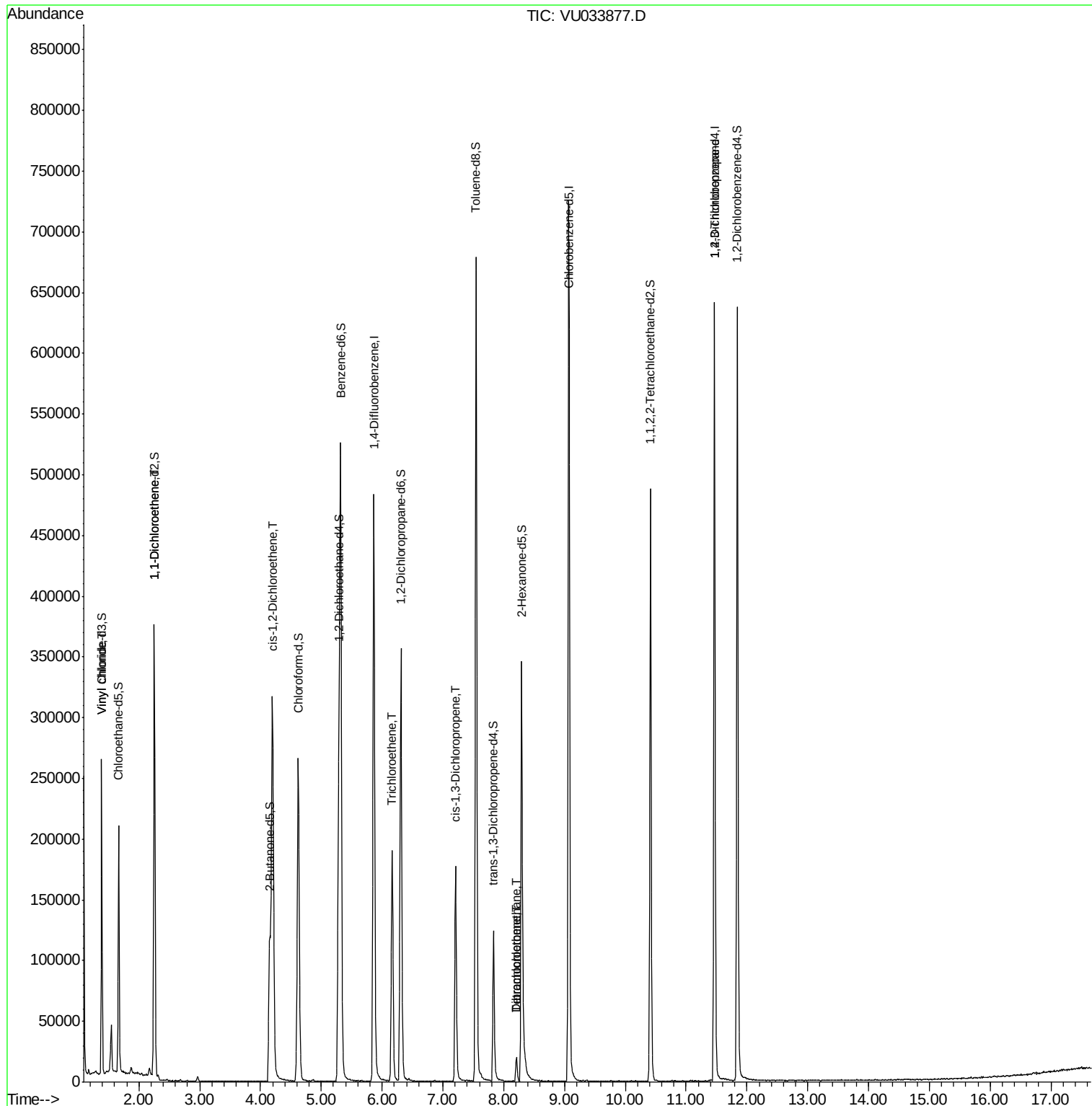
					Qvalue
5) Vinyl chloride	1.39	62	10146	2.222 ug/L #	62
12) 1,1-Dichloroethene	2.26	96	2454	0.873 ug/L #	1
20) cis-1,2-Dichloroethene	4.20	96	176508	55.712 ug/L	98
34) Trichloroethene	6.16	95	65488	19.803 ug/L	97
39) cis-1,3-Dichloropropene	7.21	75	4742	0.959 ug/L #	76
46) Tetrachloroethene	8.21	164	4586	1.730 ug/L	94
49) Dibromochloromethane	8.21	129	4260	1.185 ug/L #	11
59) 1,2,3-Trichloropropane	11.47	75	20464	4.979 ug/L	94

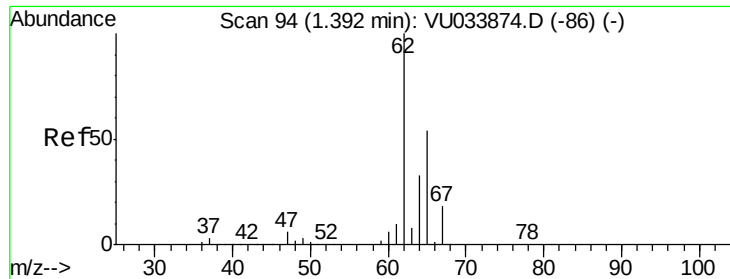
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.222 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

Lab File: VU033877.D

Acq: 21 Aug 2019 17:23

Instrument :

MSVOA_U

ClientSampled :

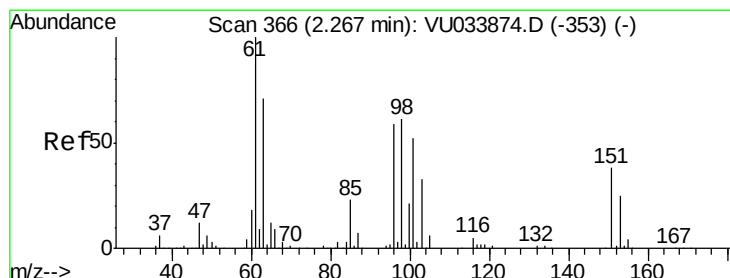
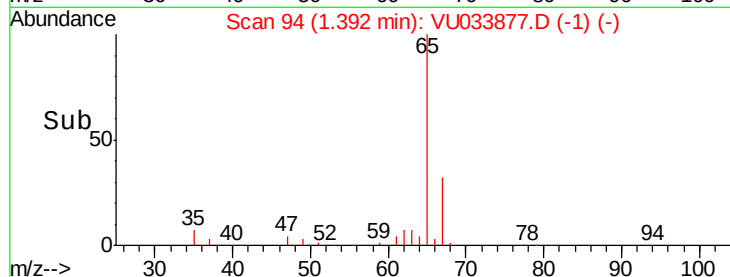
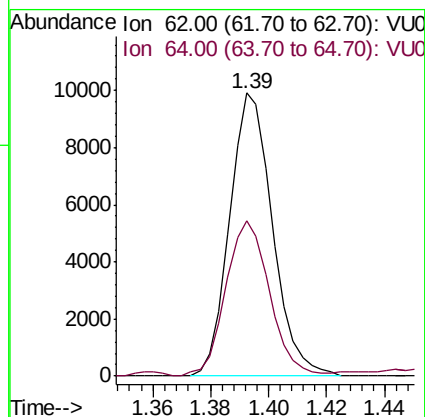
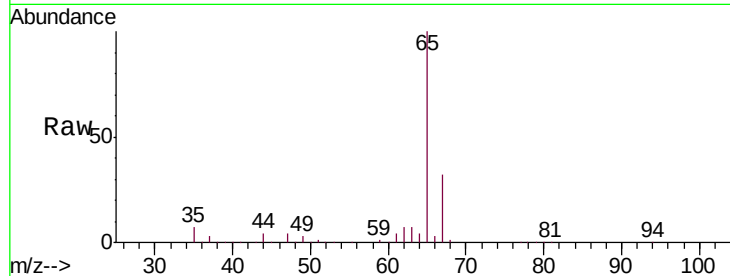
F2B38DL

Tgt Ion: 62 Resp: 10146

Ion Ratio Lower Upper

62 100

64 55.1 23.3 43.3#



#12

1,1-Dichloroethene

Concen: 0.873 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033877.D

Acq: 21 Aug 2019 17:23

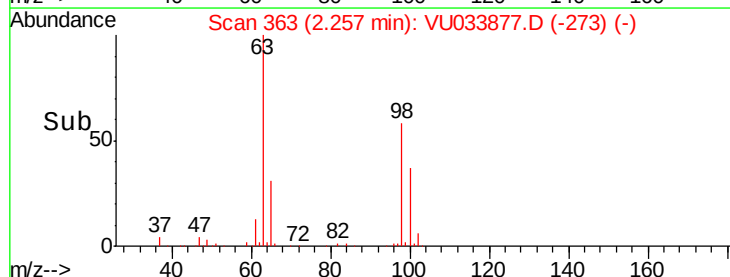
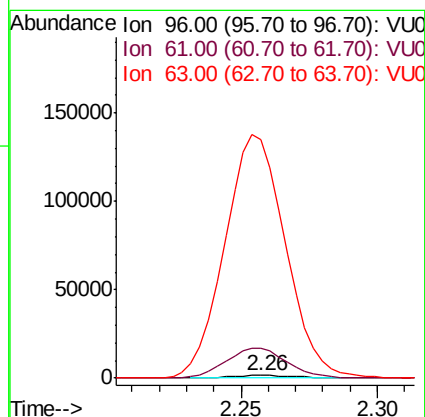
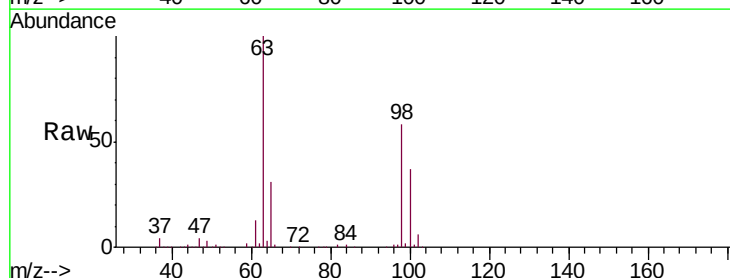
Tgt Ion: 96 Resp: 2454

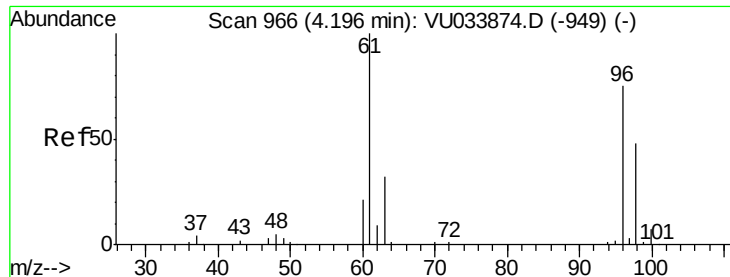
Ion Ratio Lower Upper

96 100

61 1188.3 123.7 229.7#

63 9355.6 91.2 169.4#

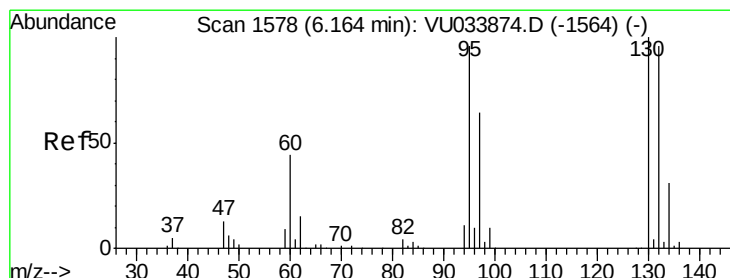
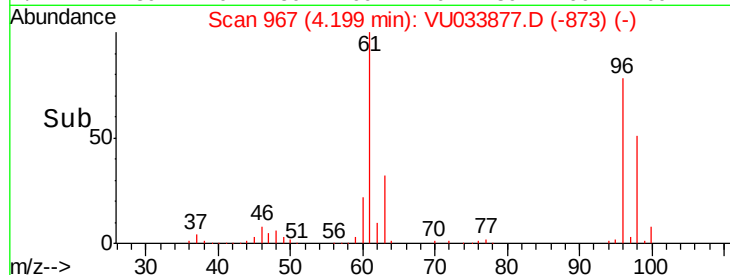
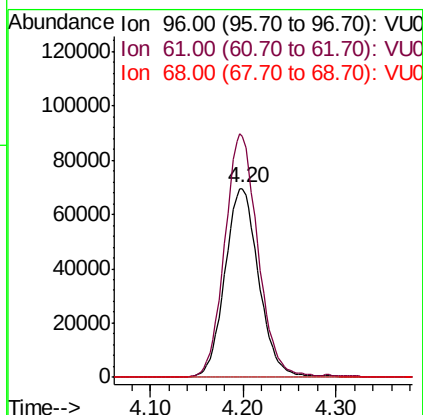
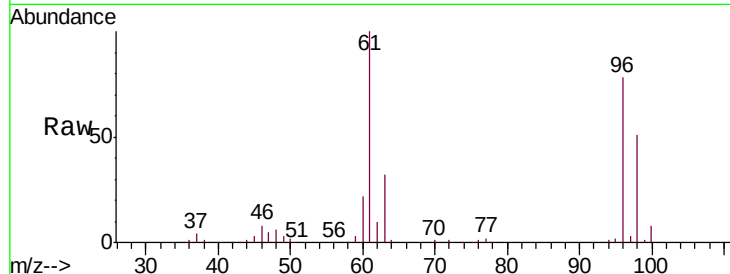




#20
 cis-1,2-Dichloroethene
 Concen: 55.712 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033877.D
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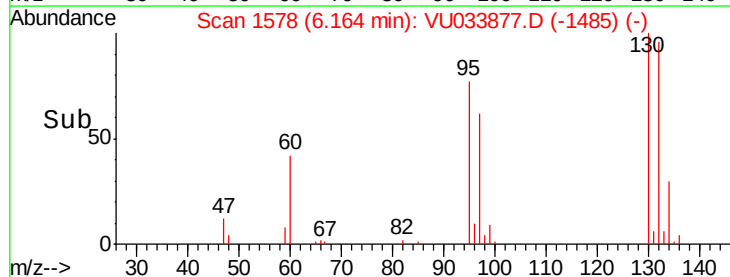
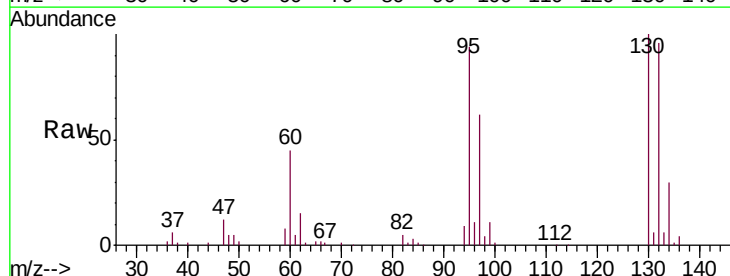
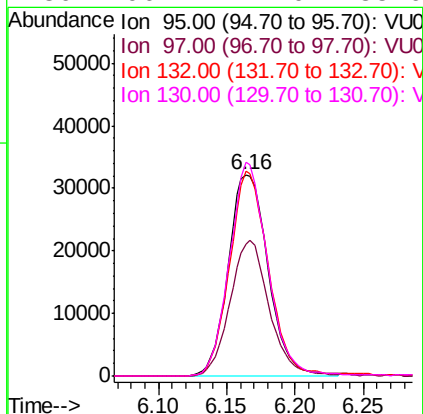
Instrument :
 MSVOA_U
 ClientSampleId :
 F2B38DL

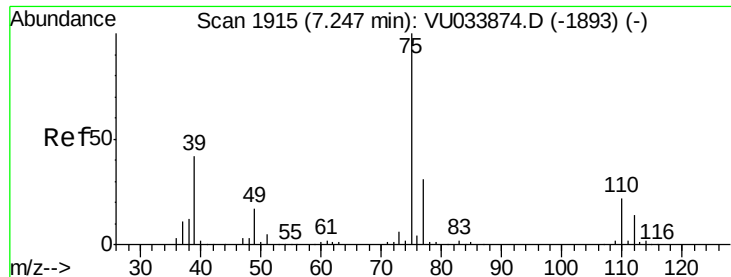
Tgt Ion: 96 Resp: 176508
 Ion Ratio Lower Upper
 96 100
 61 127.8 88.2 163.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 19.803 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU033877.D
 Acq: 21 Aug 2019 17:23

Tgt Ion: 95 Resp: 65488
 Ion Ratio Lower Upper
 95 100
 97 65.7 46.3 86.1
 132 101.7 67.9 126.1
 130 106.2 72.0 133.6

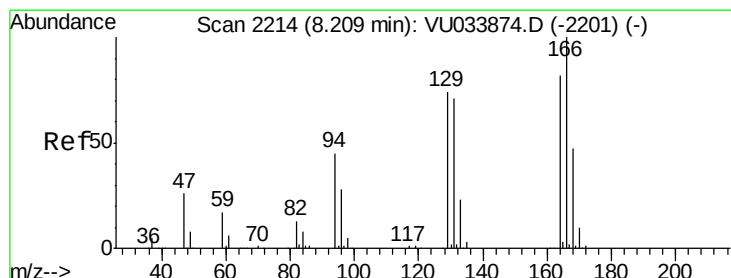
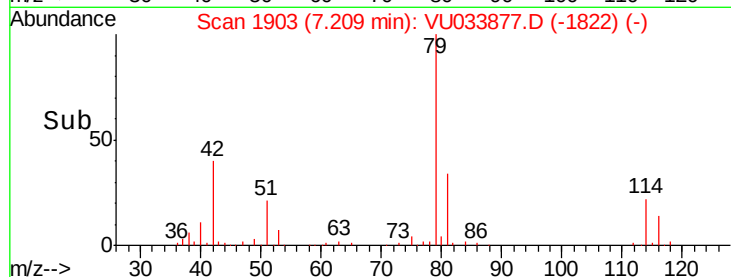
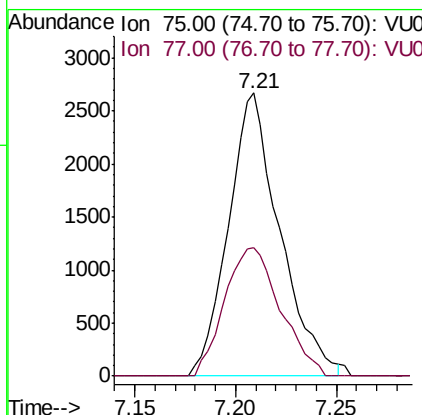
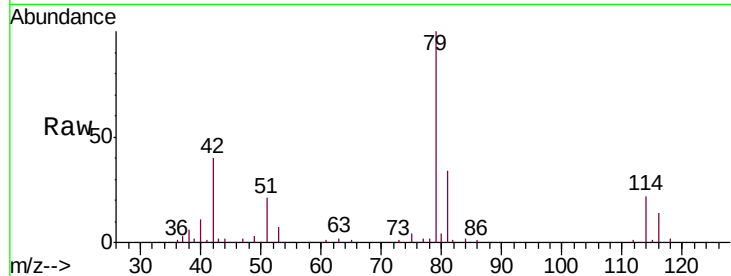




#39
 cis-1,3-Dichloropropene
 Concen: 0.959 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033877.D
 Acq: 21 Aug 2019 17:23

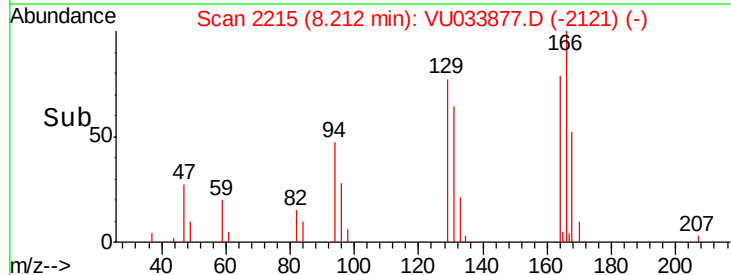
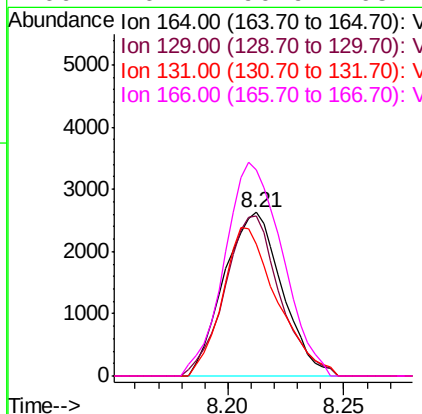
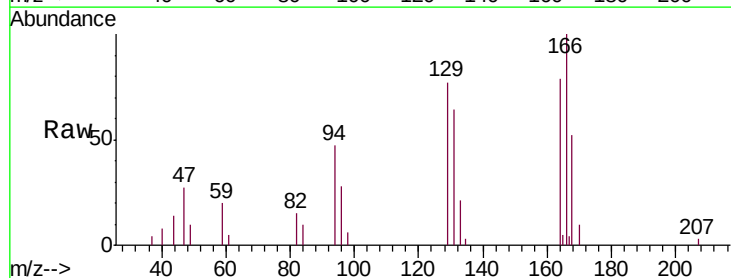
Instrument :
 MSVOA_U
 ClientSampleId :
 F2B38DL

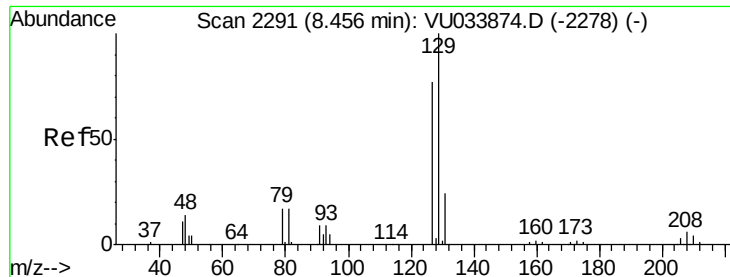
Tgt Ion: 75 Resp: 4742
 Ion Ratio Lower Upper
 75 100
 77 45.6 22.5 41.7#



#46
 Tetrachloroethene
 Concen: 1.730 ug/L
 RT: 8.21 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: VU033877.D
 Acq: 21 Aug 2019 17:23

Tgt Ion: 164 Resp: 4586
 Ion Ratio Lower Upper
 164 100
 129 97.5 64.4 119.6
 131 80.5 63.8 118.4
 166 126.1 90.9 168.7





#49

Dibromochloromethane

Concen: 1.185 ug/L

RT: 8.21 min Scan# 2215

Delta R.T. -0.24 min

Lab File: VU033877.D

Acq: 21 Aug 2019 17:23

Instrument :

MSVOA_U

ClientSampleId :

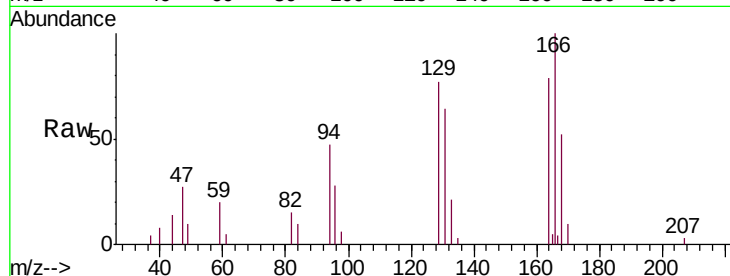
F2B38DL

Tgt Ion:129 Resp: 4260

Ion Ratio Lower Upper

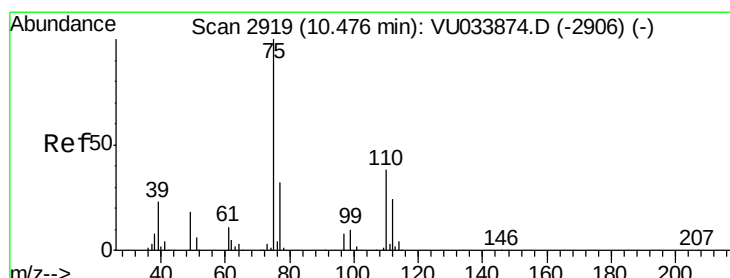
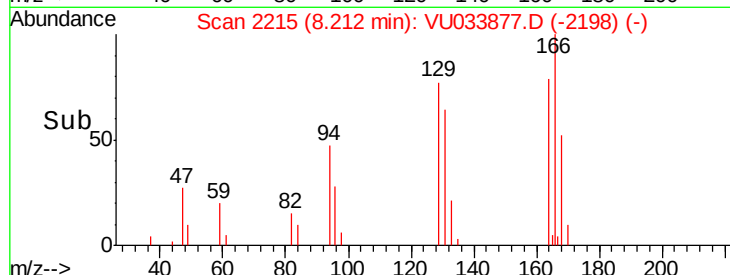
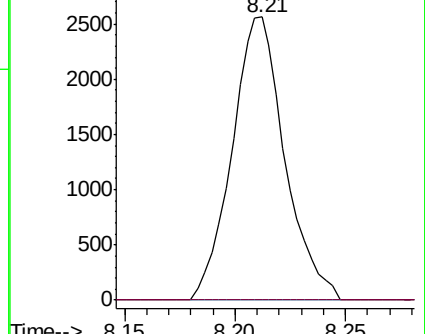
129 100

127 0.0 53.4 99.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.979 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

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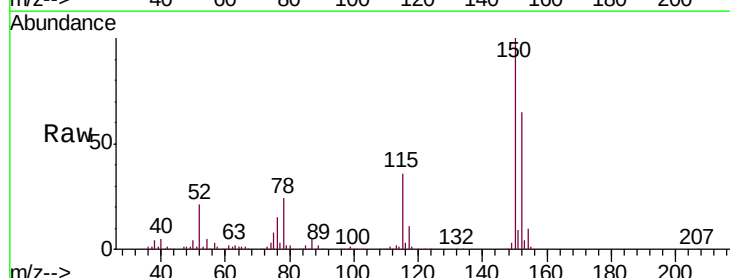
Acq: 21 Aug 2019 17:23

Tgt Ion: 75 Resp: 20464

Ion Ratio Lower Upper

75 100

77 35.8 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

