

Data File : VU033456.D
Acq On : 26 Jul 2019 16:19
Operator : JC/SP
Sample : K3976-05DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CB9DL

Quant Time: Jul 27 02:02:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:57:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	275184	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	277048	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	116927	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	110808	53.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.38%
7) Chloroethane-d5	1.67	69	100204	56.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.62%
11) 1,1-Dichloroethene-d2	2.25	63	153656	40.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.34%
21) 2-Butanone-d5	4.15	46	145394	110.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.15%
24) Chloroform-d	4.62	84	176175	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	5.28	65	127757	57.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.12%
32) Benzene-d6	5.32	84	374044	55.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.06%
36) 1,2-Dichloropropane-d6	6.31	67	121745	55.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.84%
41) Toluene-d8	7.55	98	333190	51.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.98%
43) trans-1,3-Dichloropropene-	7.83	79	53417	50.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.08%
47) 2-Hexanone-d5	8.30	63	100933	102.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.84%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	177339	53.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.64%
64) 1,2-Dichlorobenzene-d4	11.85	152	125769	60.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.62%#

Target Compounds

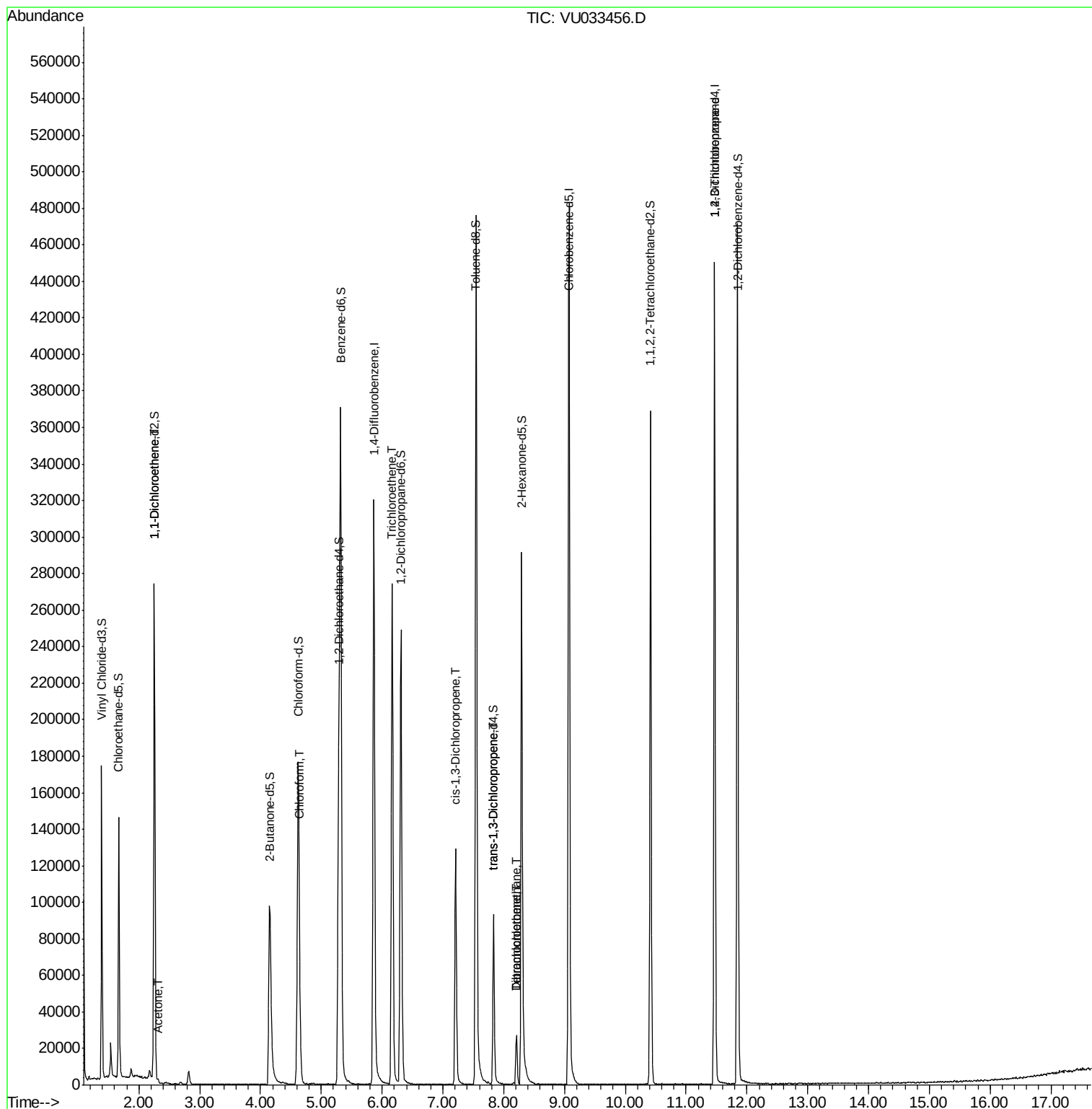
					Qvalue
12) 1,1-Dichloroethene	2.26	96	1335	0.727 ug/L #	1
13) Acetone	2.31	43	866	0.525 ug/L	60
25) Chloroform	4.65	83	16882	4.350 ug/L	91
34) Trichloroethene	6.16	95	97047	45.929 ug/L	97
39) cis-1,3-Dichloropropene	7.21	75	3362	1.001 ug/L #	75
44) trans-1,3-Dichloropropene	7.83	75	2440	0.805 ug/L	91
46) Tetrachloroethene	8.21	164	6098	3.728 ug/L	98
49) Dibromochloromethane	8.21	129	5966	2.581 ug/L #	11
59) 1,2,3-Trichloropropane	11.47	75	13766	4.826 ug/L	97

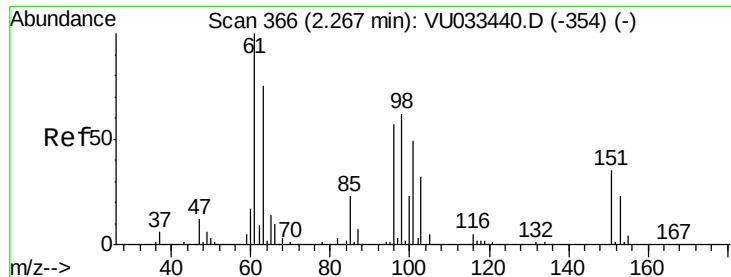
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033456.D
Acq On : 26 Jul 2019 16:19
Operator : JC/SP
Sample : K3976-05DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CB9DL

Quant Time: Jul 27 02:02:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:57:42 2019
Response via : Initial Calibration

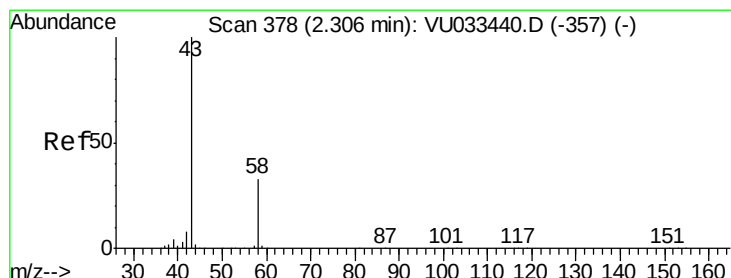
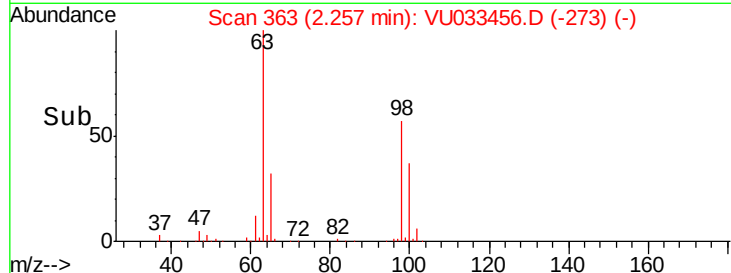
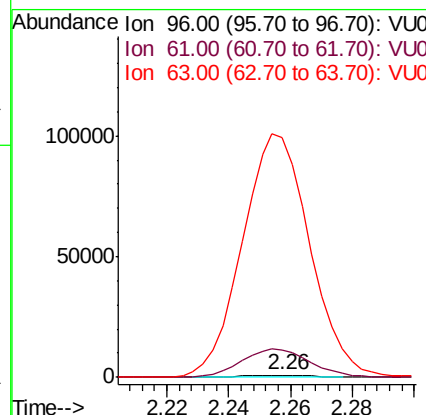
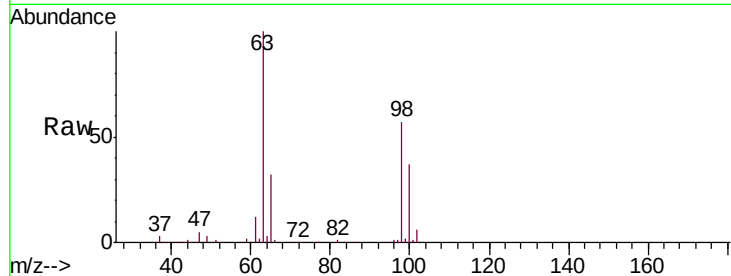




#12
 1,1-Dichloroethene
 Concen: 0.727 ug/L
 RT: 2.26 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VU033456.D
 Acq: 26 Jul 2019 16:19

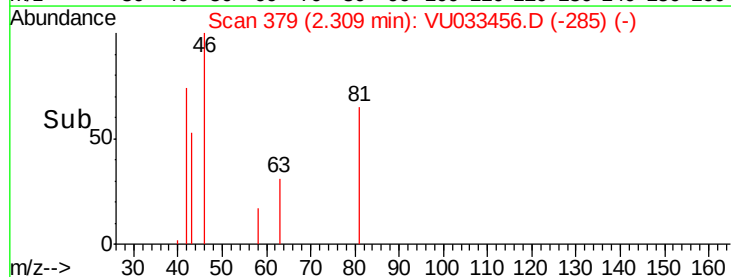
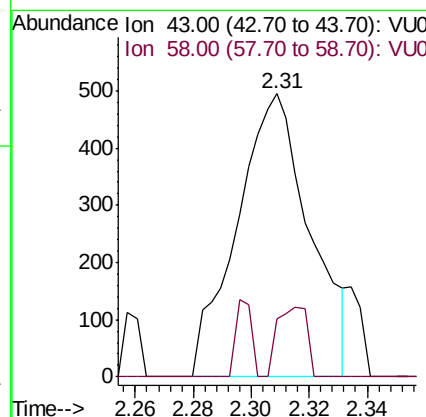
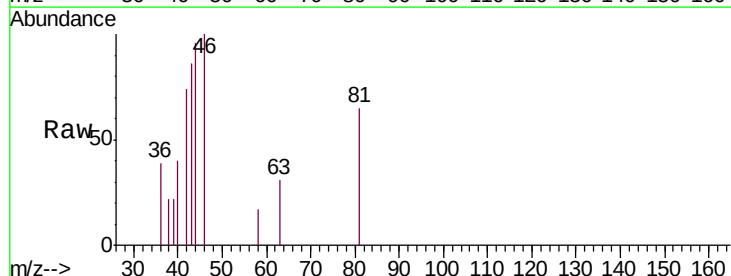
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CB9DL

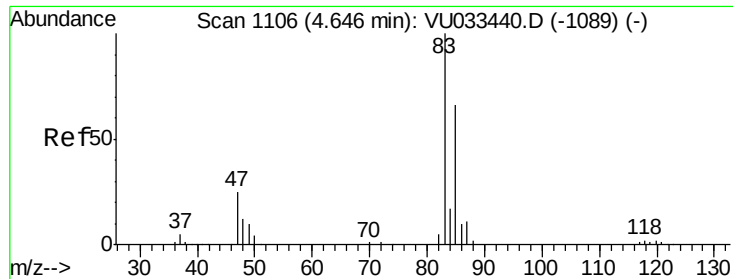
Tgt Ion: 96 Resp: 1335
 Ion Ratio Lower Upper
 96 100
 61 1340.1 126.1 234.1#
 63 11500.7 96.8 179.8#



#13
 Acetone
 Concen: 0.525 ug/L
 RT: 2.31 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: VU033456.D
 Acq: 26 Jul 2019 16:19

Tgt Ion: 43 Resp: 866
 Ion Ratio Lower Upper
 43 100
 58 10.0 0.0 65.4

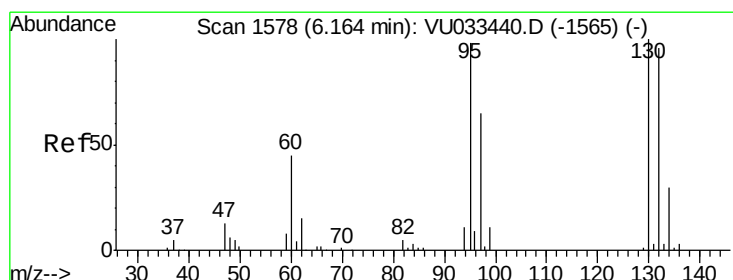
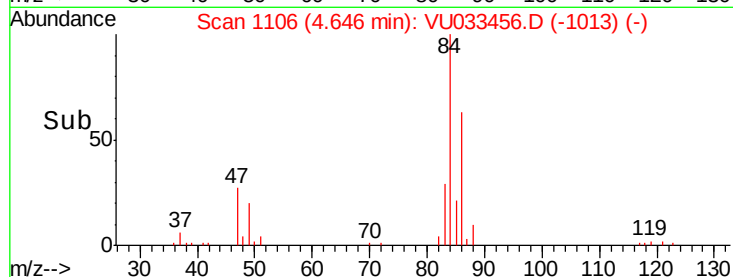
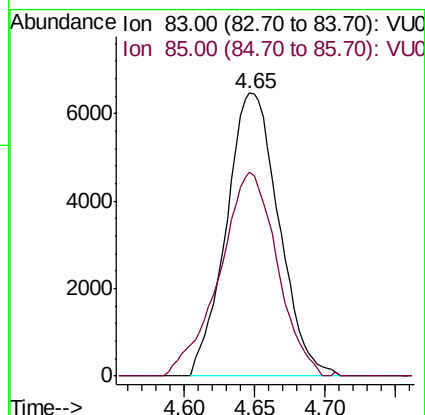
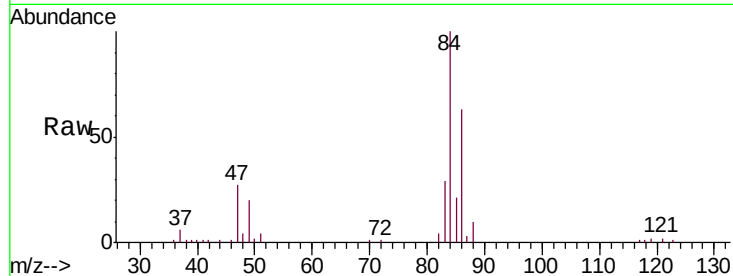




#25
Chloroform
Concen: 4.350 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033456.D
Acq: 26 Jul 2019 16:19

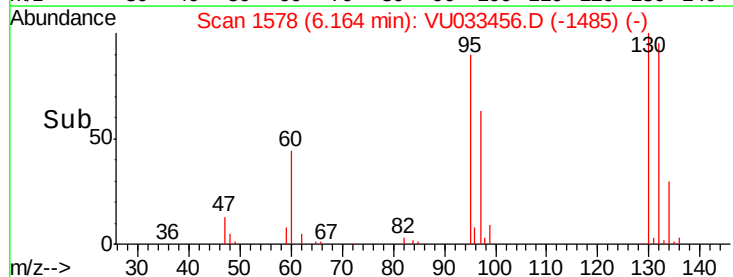
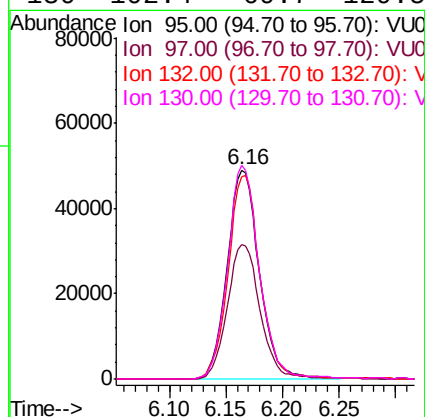
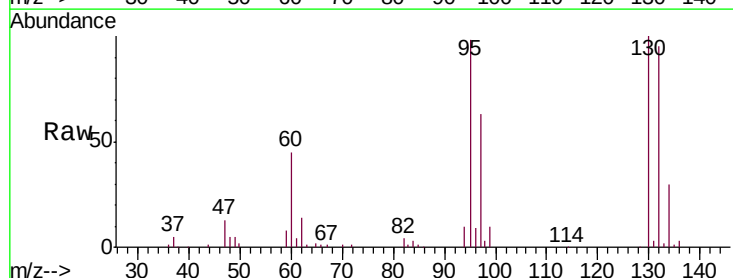
Instrument :
MSVOA_U
ClientSampleId :
C0CB9DL

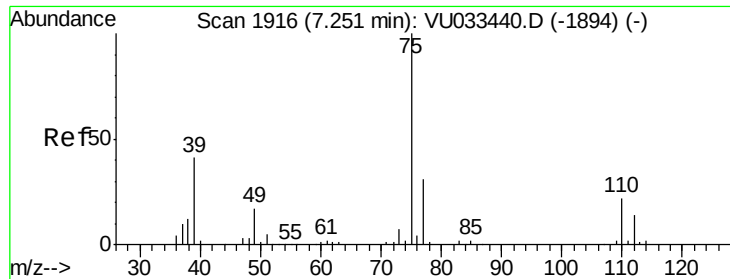
Tgt Ion: 83 Resp: 16882
Ion Ratio Lower Upper
83 100
85 72.2 45.4 84.4



#34
Trichloroethene
Concen: 45.929 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033456.D
Acq: 26 Jul 2019 16:19

Tgt Ion: 95 Resp: 97047
Ion Ratio Lower Upper
95 100
97 64.7 43.8 81.4
132 97.2 65.5 121.6
130 102.4 69.7 129.5

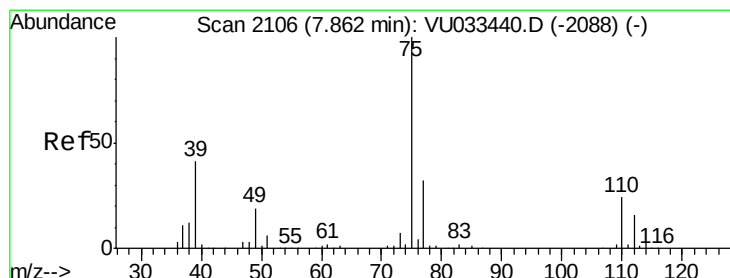
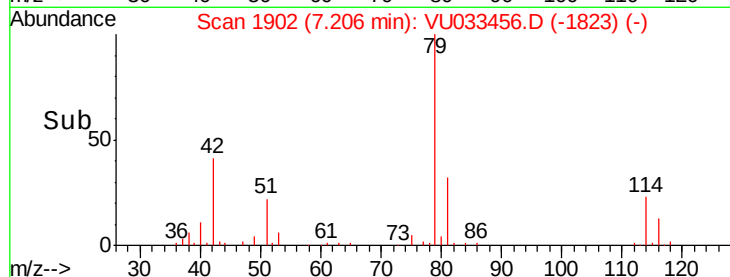
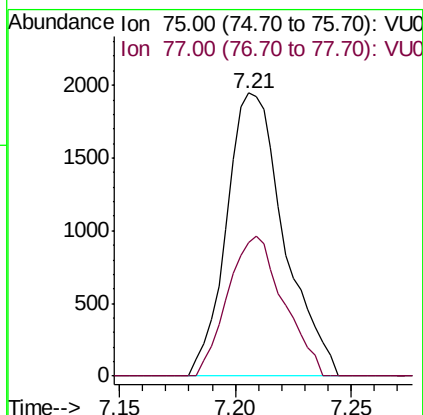
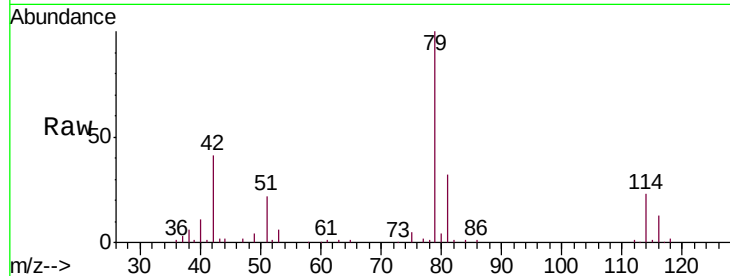




#39
 cis-1,3-Dichloropropene
 Concen: 1.001 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU033456.D
 Acq: 26 Jul 2019 16:19

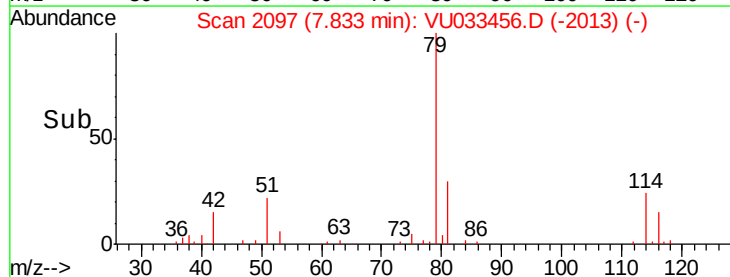
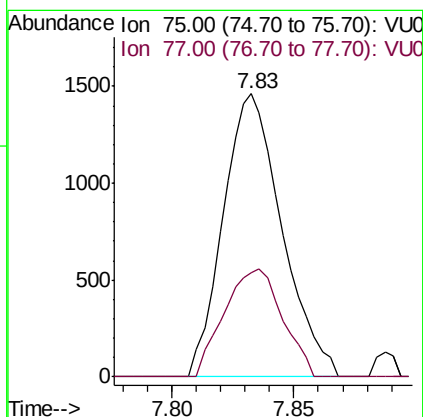
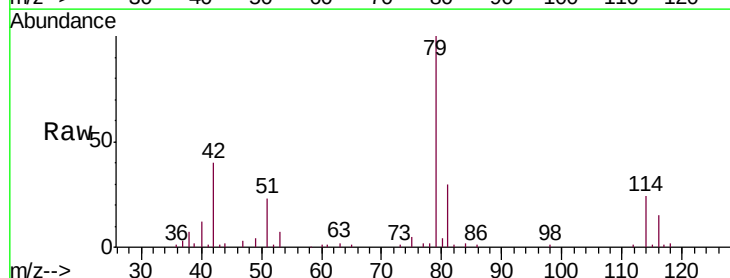
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CB9DL

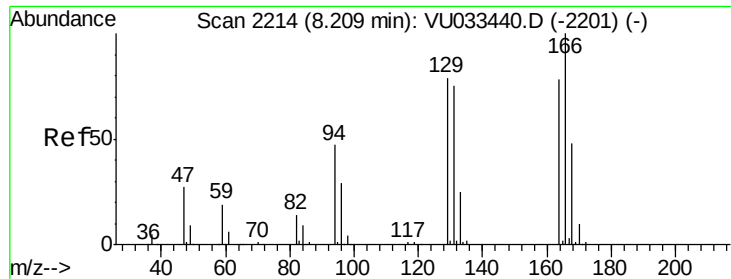
Tgt Ion: 75 Resp: 3362
 Ion Ratio Lower Upper
 75 100
 77 47.4 23.1 42.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.805 ug/L
 RT: 7.83 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: VU033456.D
 Acq: 26 Jul 2019 16:19

Tgt Ion: 75 Resp: 2440
 Ion Ratio Lower Upper
 75 100
 77 36.9 22.4 41.6

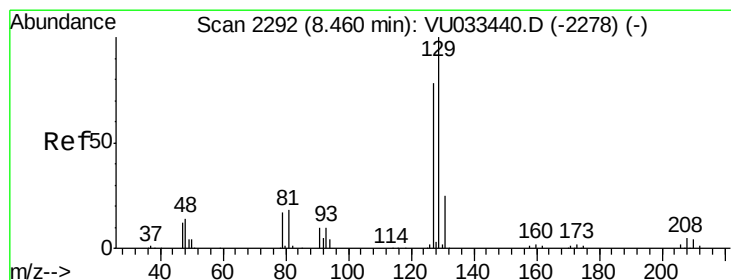
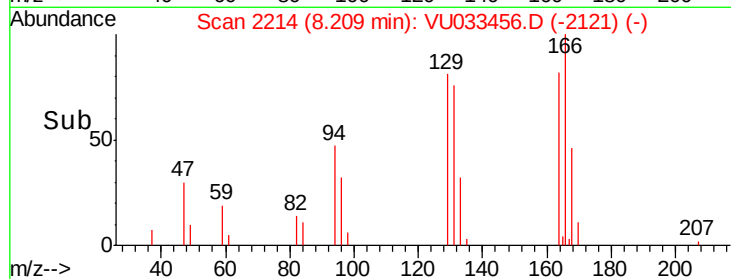
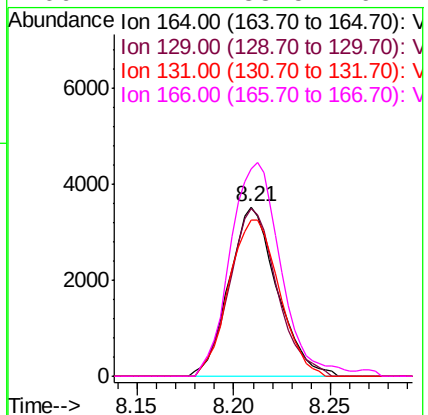
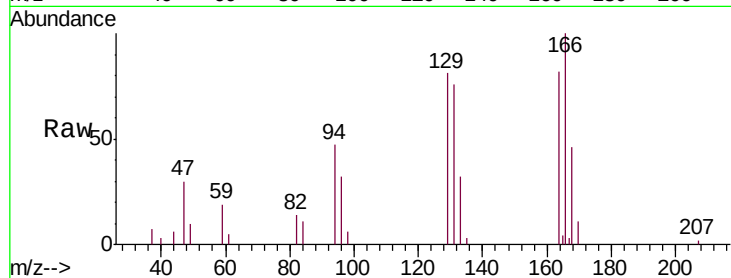




#46
Tetrachloroethene
Concen: 3.728 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU033456.D
Acq: 26 Jul 2019 16:19

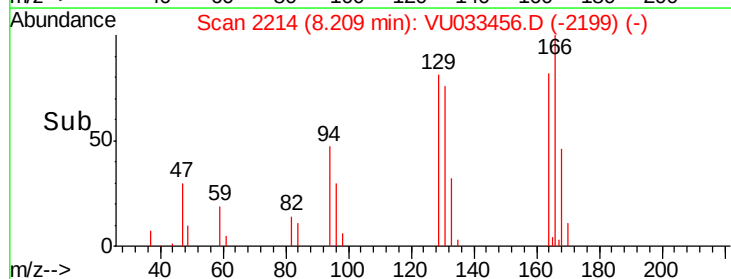
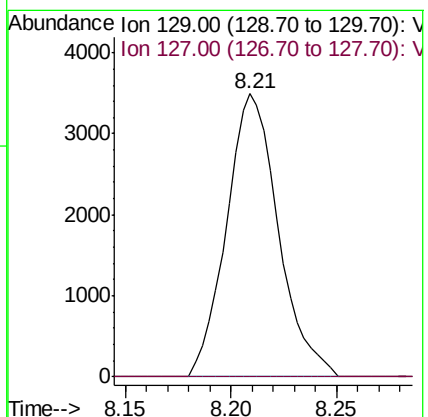
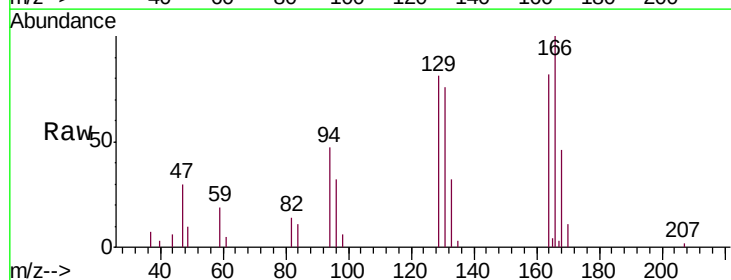
Instrument :
MSVOA_U
ClientSampleId :
C0CB9DL

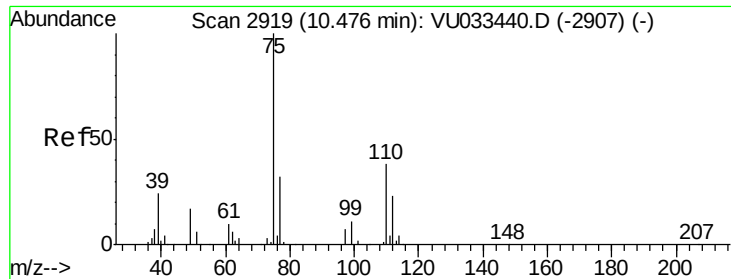
Tgt Ion:	164	Resp:	6098
Ion	Ratio	Lower	Upper
164	100		
129	99.0	69.6	129.2
131	92.5	65.7	122.1
166	122.2	88.5	164.4



#49
Dibromochloromethane
Concen: 2.581 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU033456.D
Acq: 26 Jul 2019 16:19

Tgt Ion:	129	Resp:	5966
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#





#59

1,2,3-Trichloropropane

Concen: 4.826 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033456.D

Acq: 26 Jul 2019 16:19

Instrument :

MSVOA_U

ClientSampleId :

C0CB9DL

Tgt Ion: 75 Resp: 13766

Ion Ratio Lower Upper

75 100

77 33.9 26.0 39.0

