

Data File : VU033239.D
Acq On : 12 Jul 2019 21:59
Operator : JC/SP
Sample : K3785-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XK9

Quant Time: Jul 13 00:14:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	294990	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	290784	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	130774	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	116903	52.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.70%
7) Chloroethane-d5	1.67	69	102346	53.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.30%
11) 1,1-Dichloroethene-d2	2.26	63	154302	38.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.18%
21) 2-Butanone-d5	4.15	46	153408	108.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.42%
24) Chloroform-d	4.62	84	189548	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
26) 1,2-Dichloroethane-d4	5.29	65	126429	52.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.34%
32) Benzene-d6	5.32	84	390135	54.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.38%
36) 1,2-Dichloropropane-d6	6.31	67	125811	55.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.12%
41) Toluene-d8	7.55	98	347319	51.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.26%
43) trans-1,3-Dichloropropene-	7.83	79	56239	50.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.38%
47) 2-Hexanone-d5	8.29	63	113599	110.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.27%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	180427	52.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.34%
64) 1,2-Dichlorobenzene-d4	11.85	152	130862	56.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.22%

Target Compounds

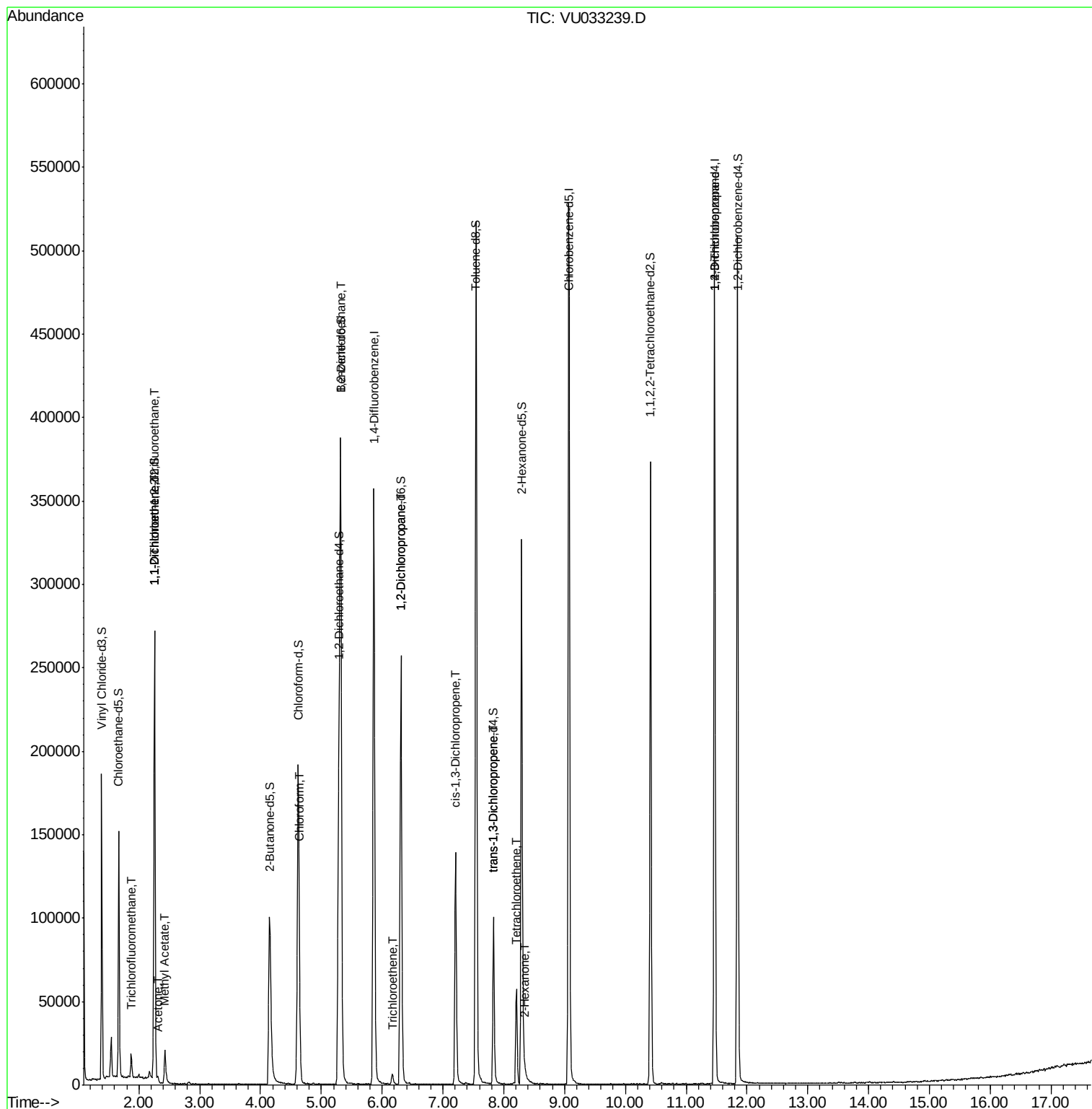
					Qvalue
9) Trichlorofluoromethane	1.87	101	5672	1.296 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1370	0.681 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1223	0.621 ug/L #	1
13) Acetone	2.31	43	2165	1.225 ug/L	94
15) Methyl Acetate	2.43	43	5572	2.414 ug/L #	50
25) Chloroform	4.65	83	5171	1.243 ug/L	89
27) 1,2-Dichloroethane	5.32	62	2066	0.641 ug/L #	76
34) Trichloroethene	6.17	95	1914	0.863 ug/L	83
37) 1,2-Dichloropropane	6.31	63	13448	5.848 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	4052	1.149 ug/L #	72
44) trans-1,3-Dichloropropene	7.83	75	2434	0.765 ug/L	89
46) Tetrachloroethene	8.21	164	12301	7.165 ug/L	98
48) 2-Hexanone	8.35	43	2661	1.059 ug/L #	50
59) 1,2,3-Trichloropropane	11.47	75	16796	5.610 ug/L	92

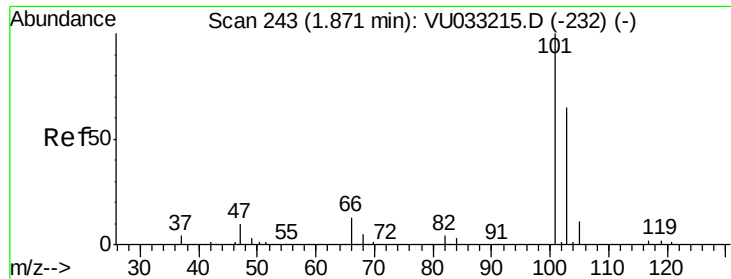
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 1.296 ug/L

RT: 1.87 min Scan# 244

Delta R.T. 0.00 min

Lab File: VU033239.D

Acq: 12 Jul 2019 21:59

Instrument :

MSVOA_U

ClientSampleId :

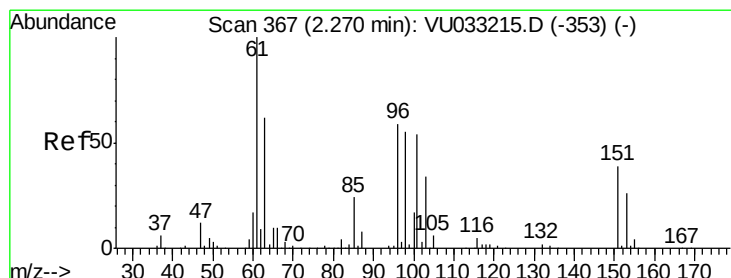
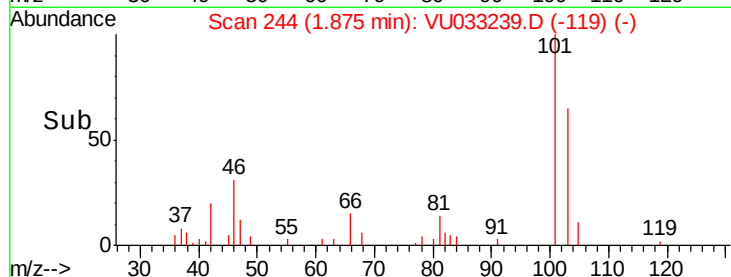
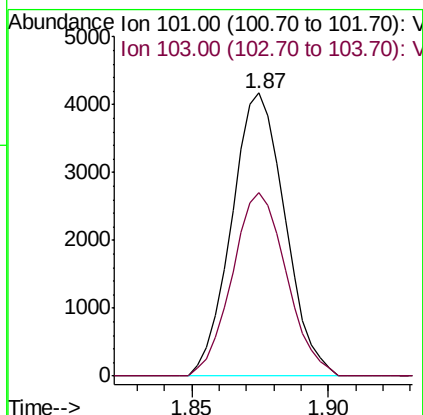
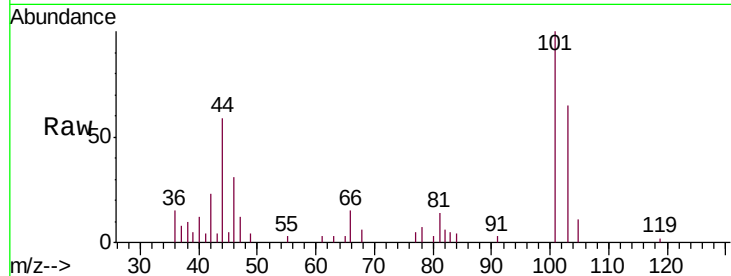
C0XK9

Tgt Ion:101 Resp: 5672

Ion Ratio Lower Upper

101 100

103 66.0 52.2 78.4



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.681 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033239.D

Acq: 12 Jul 2019 21:59

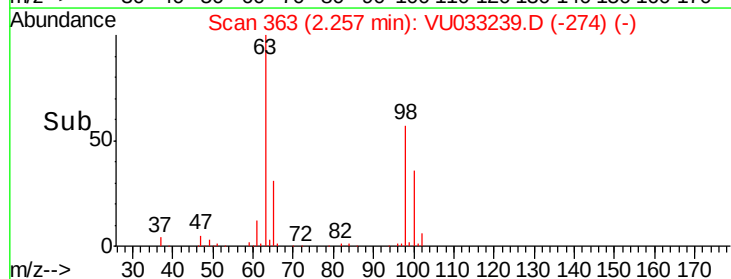
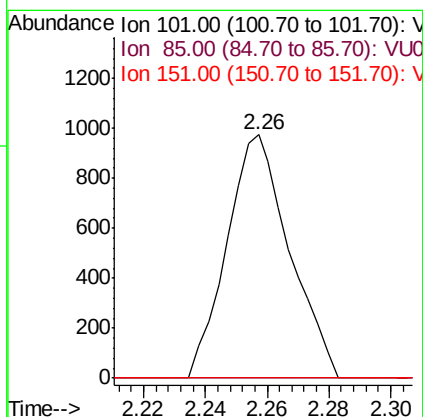
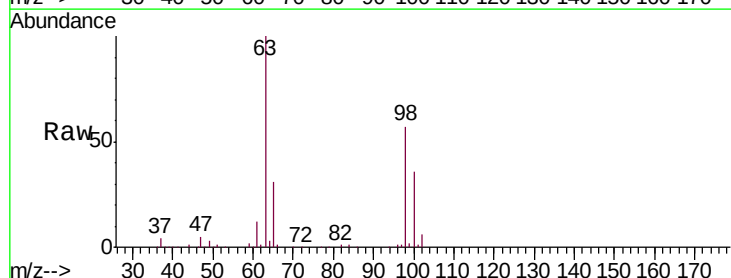
Tgt Ion:101 Resp: 1370

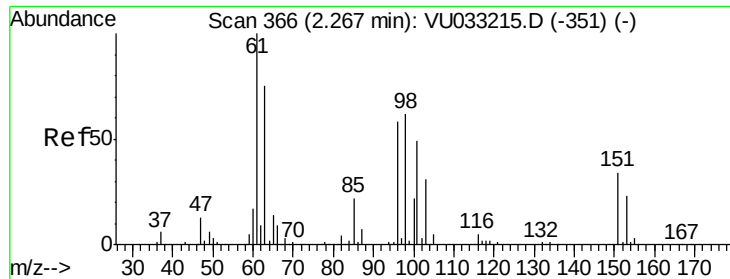
Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

151 0.0 56.7 85.1#

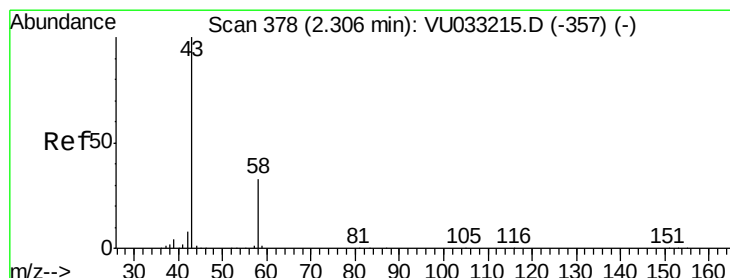
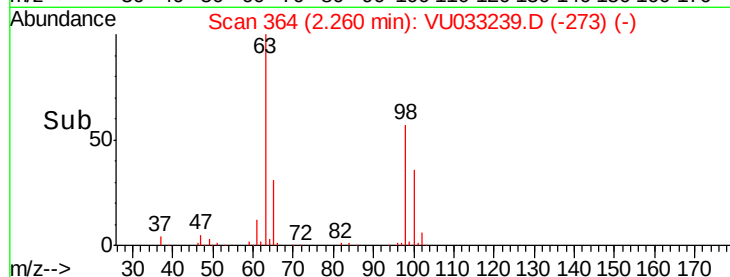
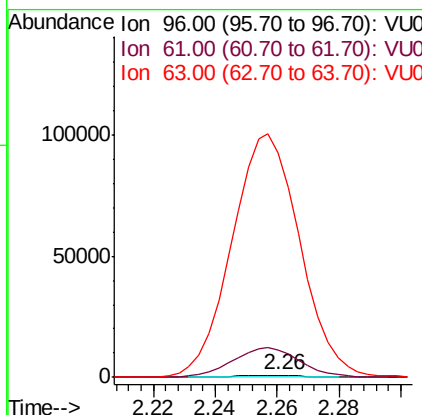
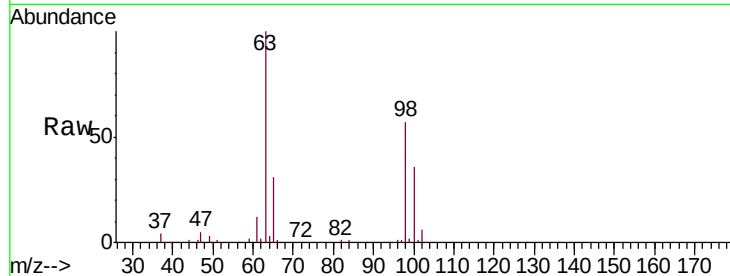




#12
 1,1-Dichloroethene
 Concen: 0.621 ug/L
 RT: 2.26 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VU033239.D
 Acq: 12 Jul 2019 21:59

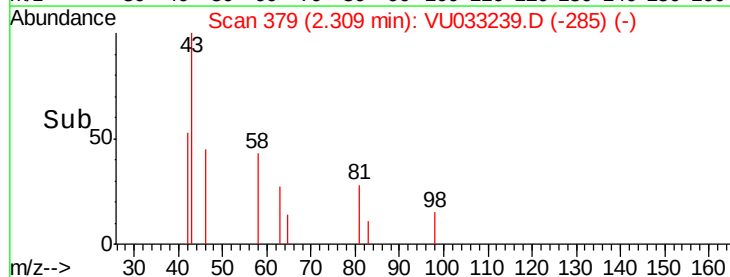
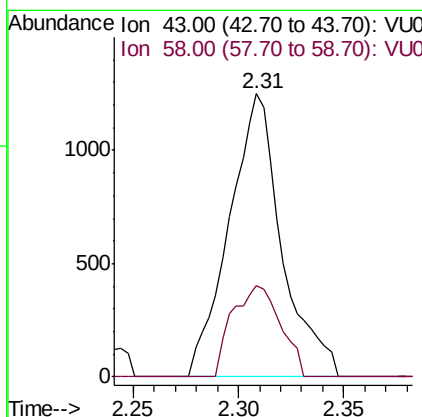
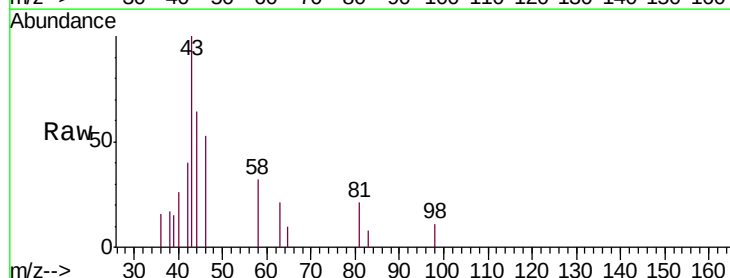
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XK9

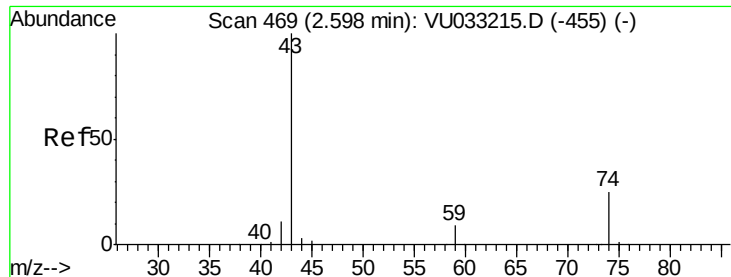
Tgt Ion: 96 Resp: 1223
 Ion Ratio Lower Upper
 96 100
 61 1493.5 126.1 234.1#
 63 12028.0 96.8 179.8#



#13
 Acetone
 Concen: 1.225 ug/L
 RT: 2.31 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: VU033239.D
 Acq: 12 Jul 2019 21:59

Tgt Ion: 43 Resp: 2165
 Ion Ratio Lower Upper
 43 100
 58 29.6 0.0 65.4

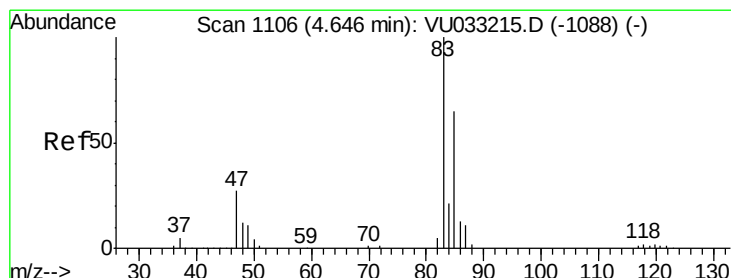
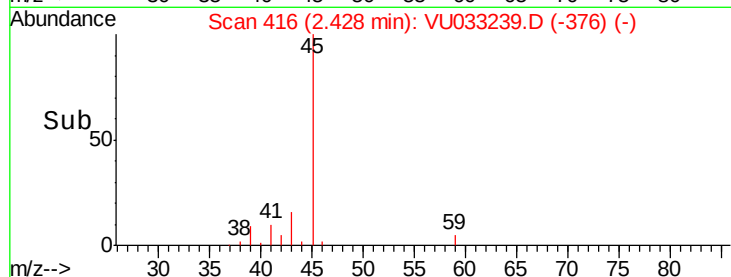
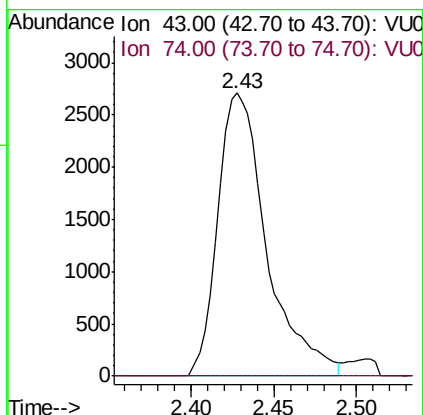
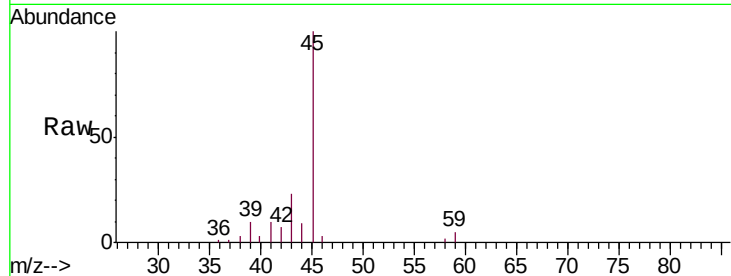




#15
Methyl Acetate
Concen: 2.414 ug/L
RT: 2.43 min Scan# 416
Delta R.T. -0.17 min
Lab File: VU033239.D
Acq: 12 Jul 2019 21:59

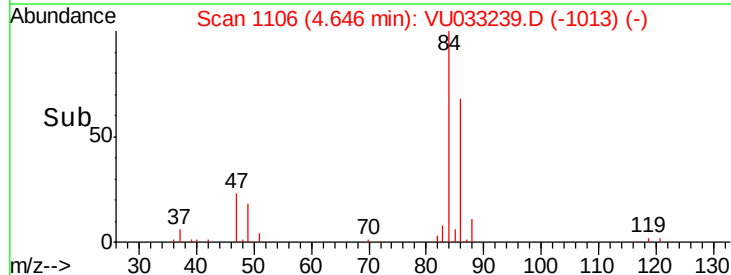
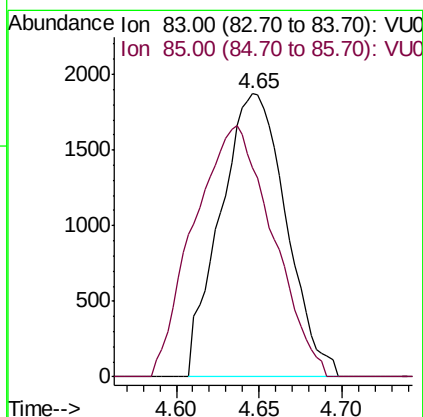
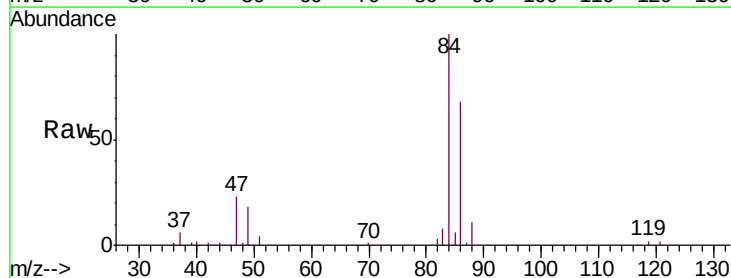
Instrument :
MSVOA_U
ClientSampleId :
C0XK9

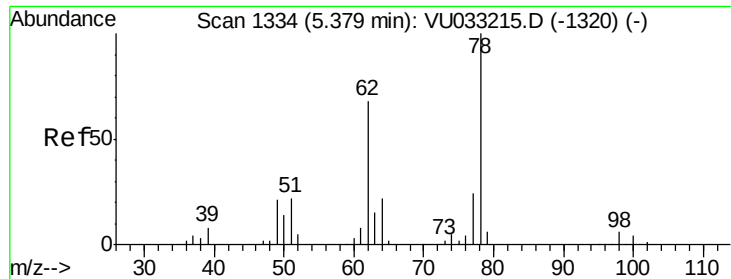
Tgt Ion: 43 Resp: 5572
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#25
Chloroform
Concen: 1.243 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033239.D
Acq: 12 Jul 2019 21:59

Tgt Ion: 83 Resp: 5171
Ion Ratio Lower Upper
83 100
85 73.8 45.4 84.4

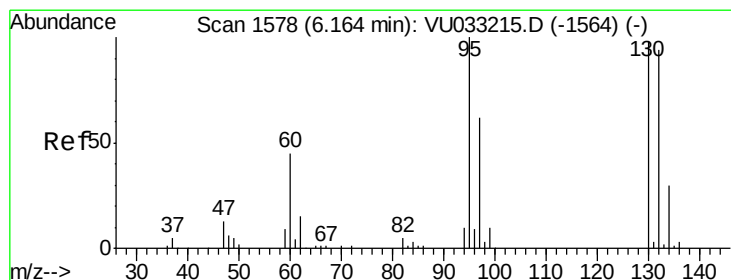
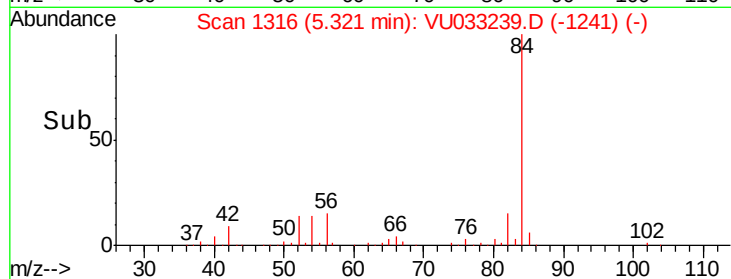
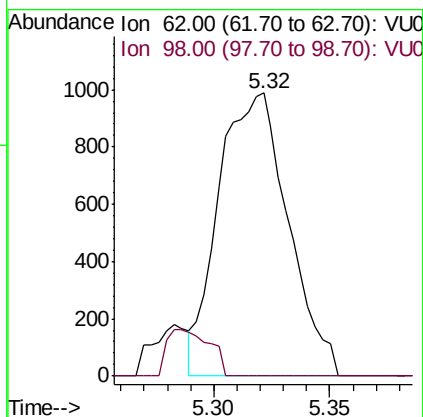
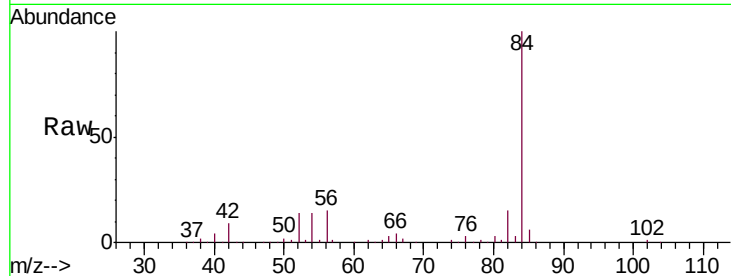




#27
 1,2-Dichloroethane
 Concen: 0.641 ug/L
 RT: 5.32 min Scan# 1316
 Delta R.T. -0.06 min
 Lab File: VU033239.D
 Acq: 12 Jul 2019 21:59

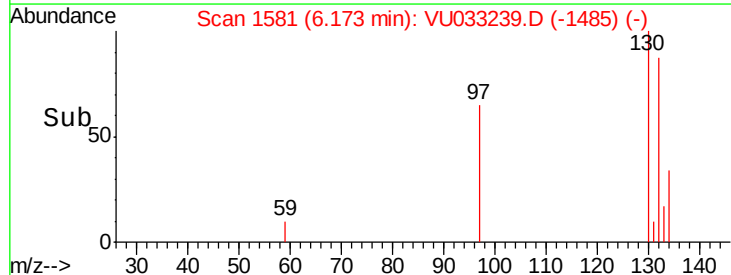
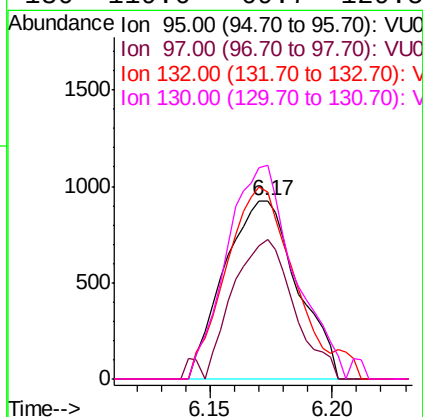
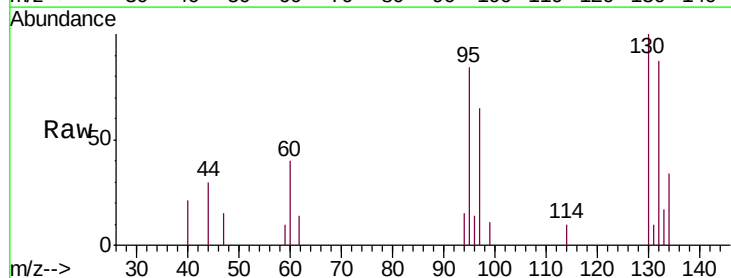
Instrument :
 MSVOA_U
 ClientSampled :
 C0XK9

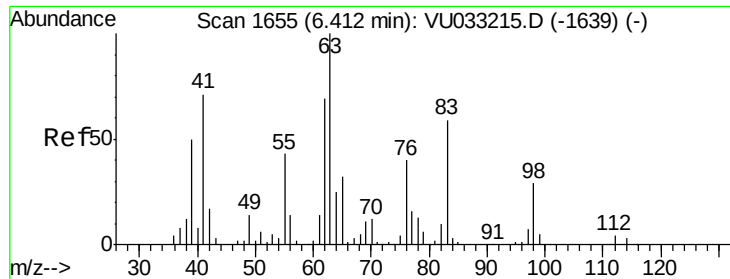
Tgt Ion: 62 Resp: 2066
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.6#



#34
 Trichloroethene
 Concen: 0.863 ug/L
 RT: 6.17 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: VU033239.D
 Acq: 12 Jul 2019 21:59

Tgt Ion: 95 Resp: 1914
 Ion Ratio Lower Upper
 95 100
 97 78.1 43.8 81.4
 132 104.6 65.5 121.6
 130 119.6 69.7 129.5

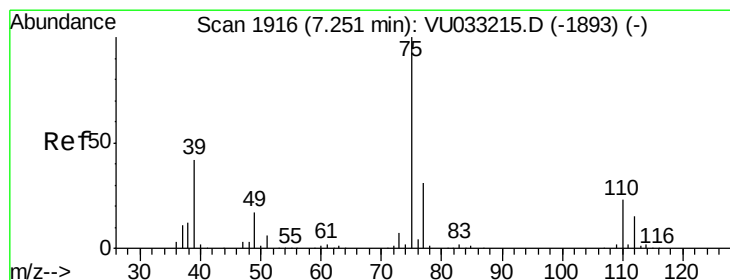
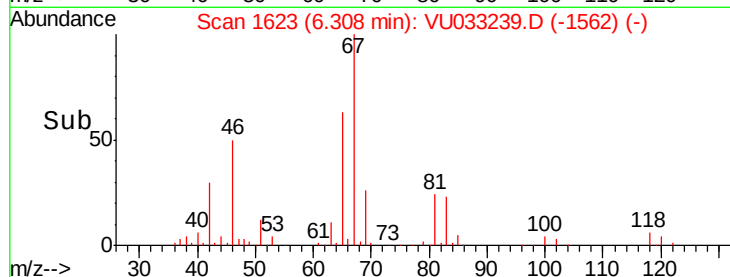
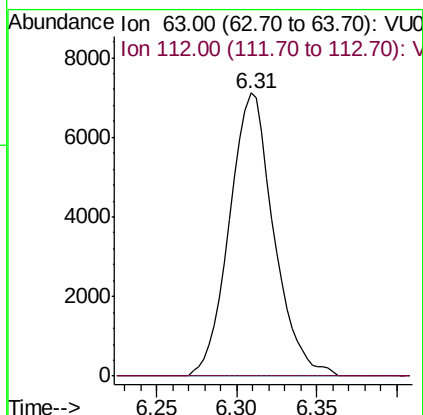
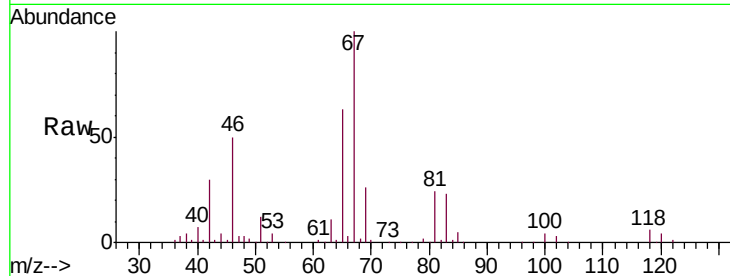




#37
 1,2-Dichloropropane
 Concen: 5.848 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033239.D
 Acq: 12 Jul 2019 21:59

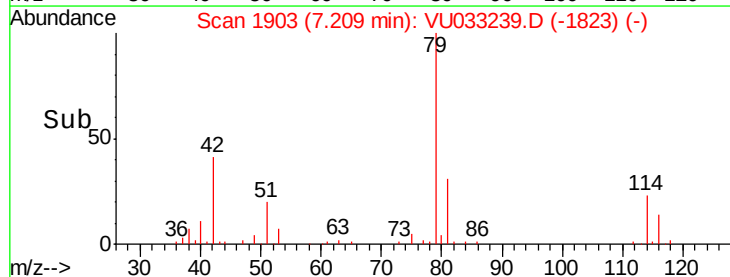
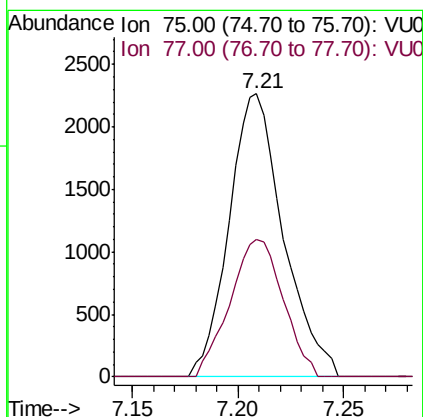
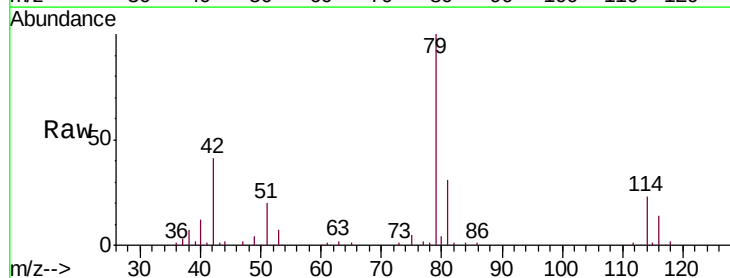
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XK9

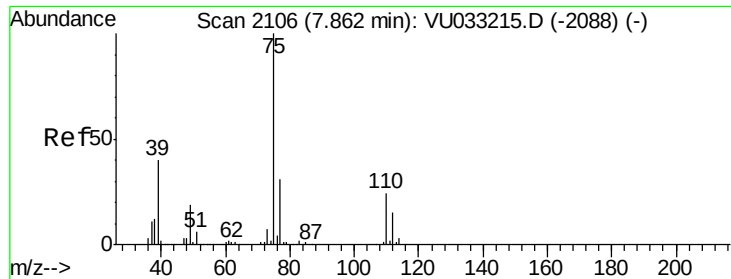
Tgt Ion: 63 Resp: 13448
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.149 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033239.D
 Acq: 12 Jul 2019 21:59

Tgt Ion: 75 Resp: 4052
 Ion Ratio Lower Upper
 75 100
 77 48.7 23.1 42.9#





#44

trans-1,3-Dichloropropene

Concen: 0.765 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU033239.D

Acq: 12 Jul 2019 21:59

Instrument :

MSVOA_U

ClientSampleId :

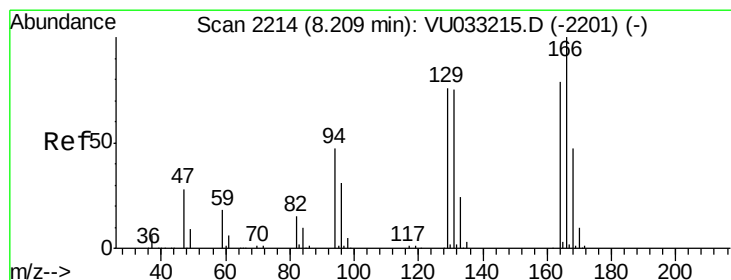
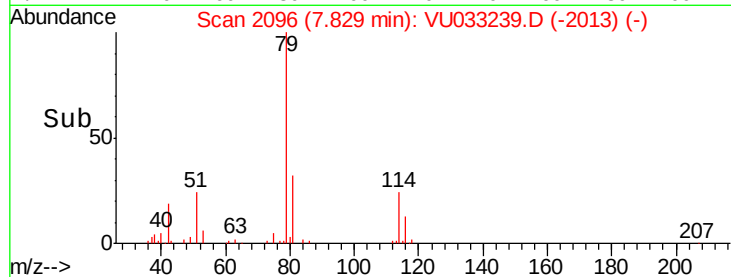
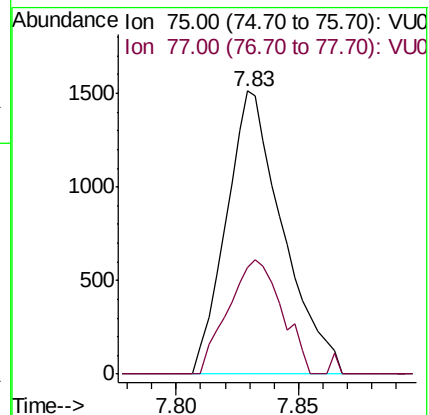
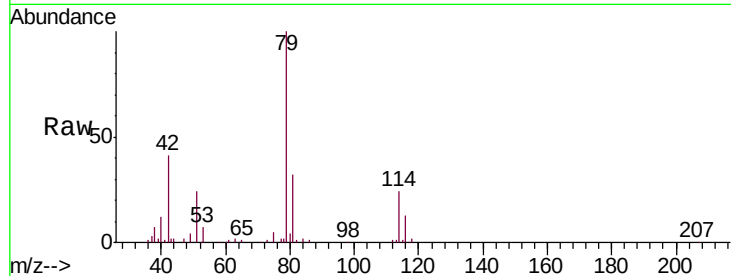
C0XK9

Tgt Ion: 75 Resp: 2434

Ion Ratio Lower Upper

75 100

77 37.9 22.4 41.6



#46

Tetrachloroethene

Concen: 7.165 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VU033239.D

Acq: 12 Jul 2019 21:59

Tgt Ion: 164 Resp: 12301

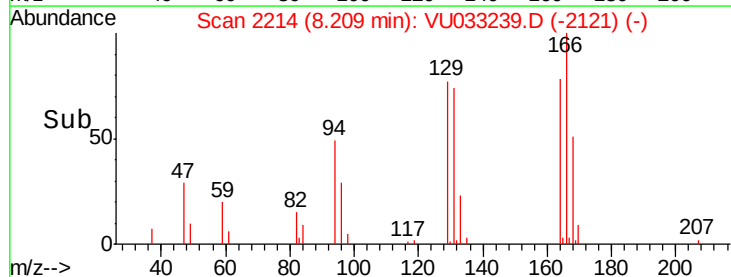
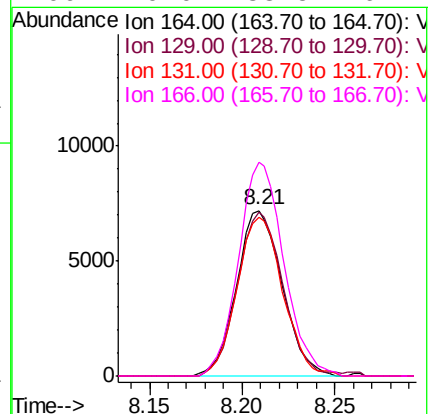
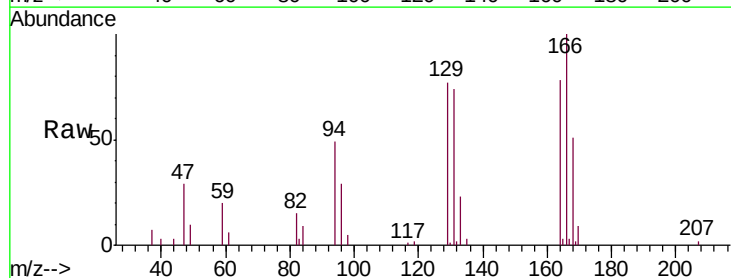
Ion Ratio Lower Upper

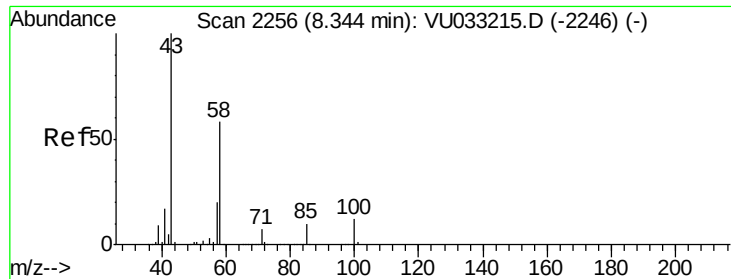
164 100

129 98.7 69.6 129.2

131 95.5 65.7 122.1

166 129.0 88.5 164.4

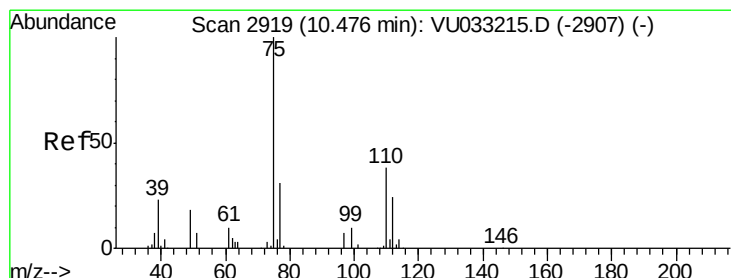
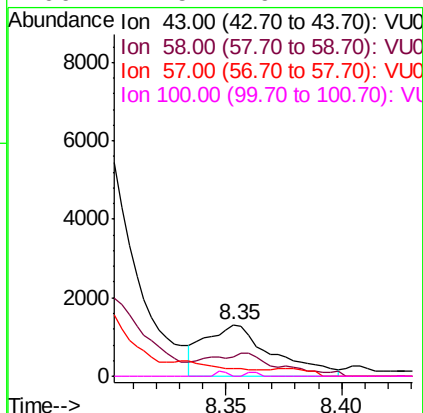
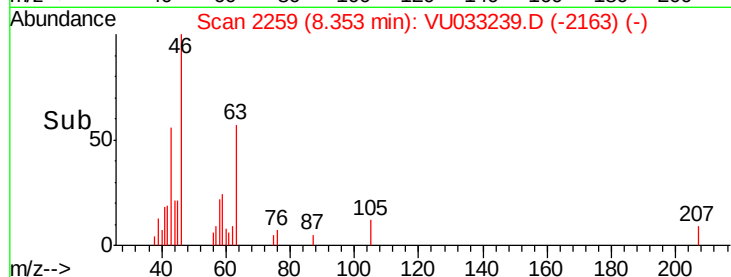
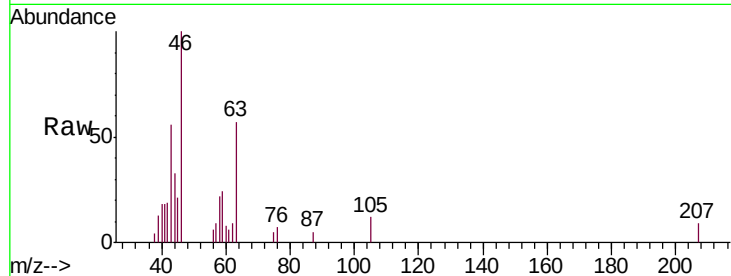




#48
2-Hexanone
Concen: 1.059 ug/L
RT: 8.35 min Scan# 2259
Delta R.T. 0.01 min
Lab File: VU033239.D
Acq: 12 Jul 2019 21:59

Instrument :
MSVOA_U
ClientSampleId :
C0XK9

Tgt Ion: 43 Resp: 2661
Ion Ratio Lower Upper
43 100
58 10.7 46.1 69.1#
57 8.4 15.8 23.8#
100 1.5 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 5.610 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033239.D
Acq: 12 Jul 2019 21:59

Tgt Ion: 75 Resp: 16796
Ion Ratio Lower Upper
75 100
77 36.9 26.0 39.0

