

Data File : VV010552.D
Acq On : 29 Apr 2019 17:40
Operator : SY/MD
Sample : K2586-17DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X59DL

Quant Time: Apr 30 06:49:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 30 06:45:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	218624	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	217143	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96324	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48681	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.57	69	32072	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.13	63	67234	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.94	46	123937	45.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.38%
24) Chloroform-d	4.40	84	141753	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.08	65	65454	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.10	84	262985	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.12	67	75718	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	249495	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.67	79	26945	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.13	63	111244	45.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54811	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	101745	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

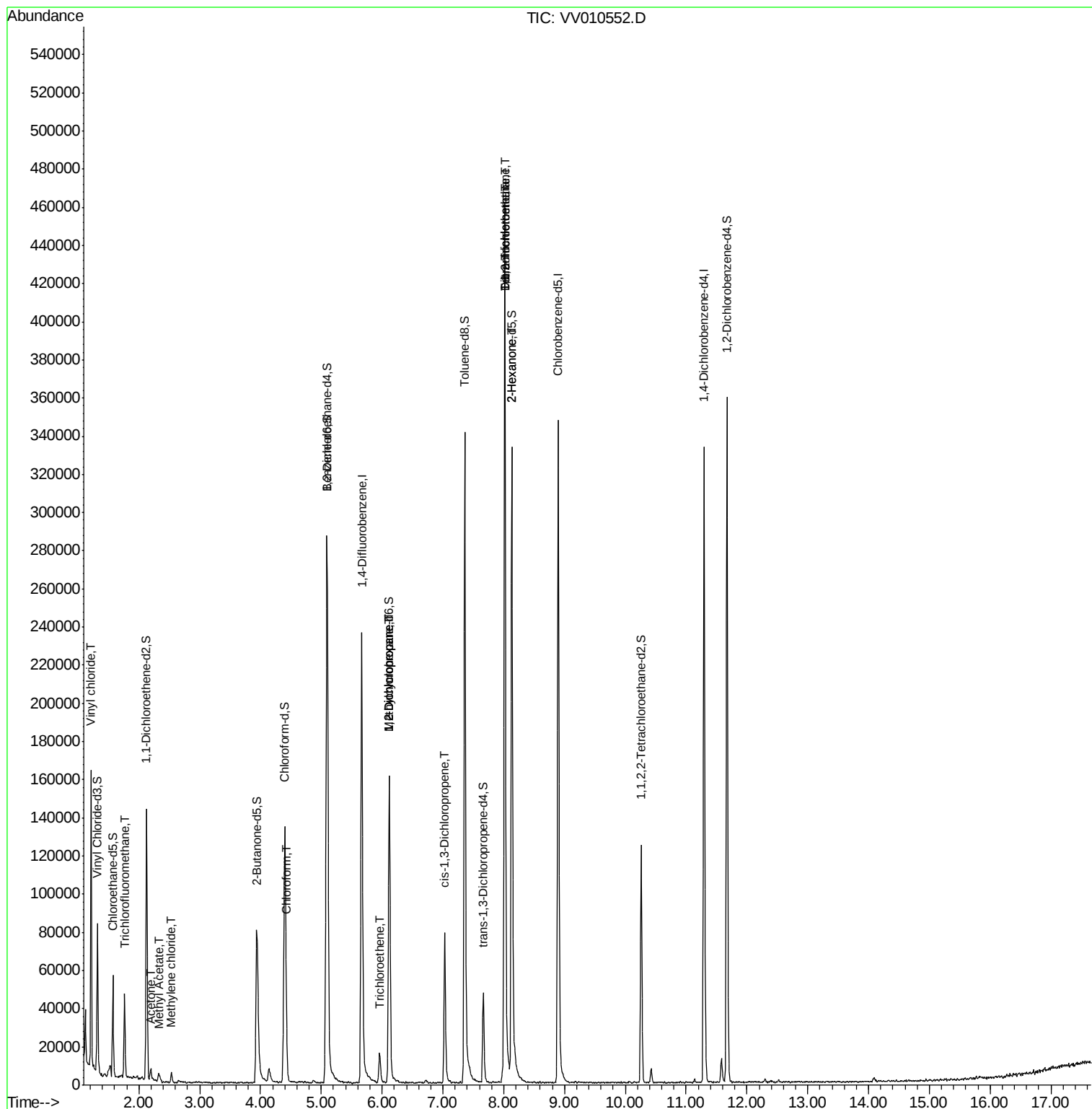
						Qvalue
5) Vinyl chloride	1.21	62	1044	0.086	ug/L #	71
9) Trichlorofluoromethane	1.77	101	24155	1.013	ug/L	92
13) Acetone	2.19	43	5578	4.083	ug/L	98
15) Methyl Acetate	2.33	43	1730	0.382	ug/L #	44
16) Methylene chloride	2.53	84	2260	0.142	ug/L #	89
25) Chloroform	4.43	83	2364	0.084	ug/L #	73
34) Trichloroethene	5.96	95	4541	0.278	ug/L #	82
35) Methylcyclohexane	6.12	83	19732	0.930	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8445	0.652	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2316	0.124	ug/L #	74
45) 1,1,2-Trichloroethane	8.02	97	1034	0.094	ug/L #	32
47) Tetrachloroethene	8.02	164	118268	7.742	ug/L	98
48) 2-Hexanone	8.13	43	12825	2.676	ug/L #	71
49) Dibromochloromethane	8.02	129	99091	7.339	ug/L #	12

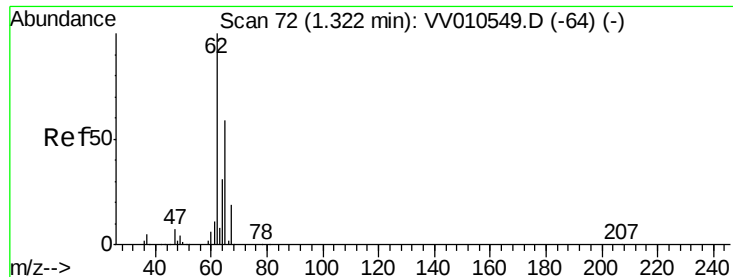
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.086 ug/L

RT: 1.21 min Scan# 38

Delta R.T. -0.11 min

Lab File: VV010552.D

Acq: 29 Apr 2019 17:40

Instrument :

MSVOA_V

ClientSampleId :

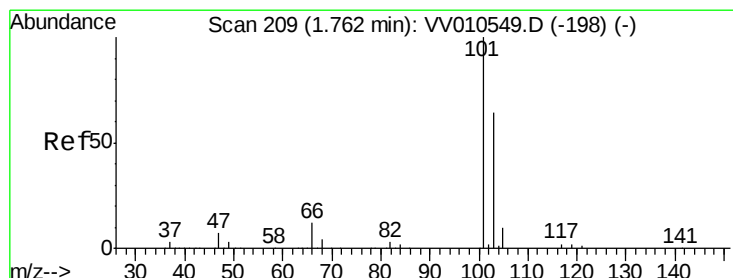
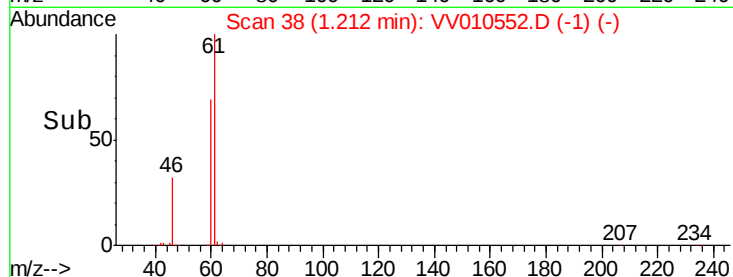
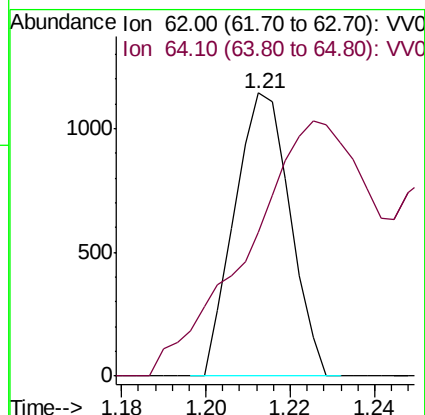
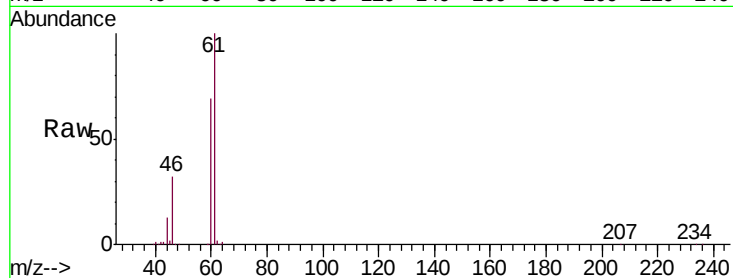
C0X59DL

Tgt Ion: 62 Resp: 1044

Ion Ratio Lower Upper

62 100

64 50.7 23.9 44.5#



#9

Trichlorofluoromethane

Concen: 1.013 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV010552.D

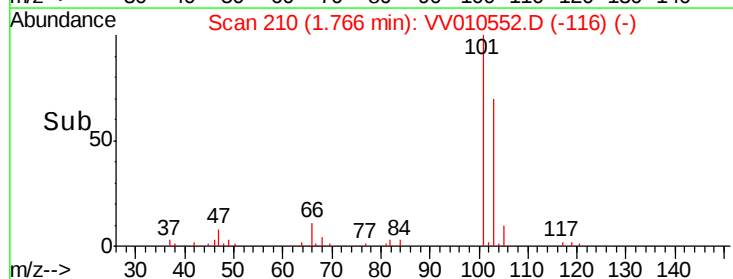
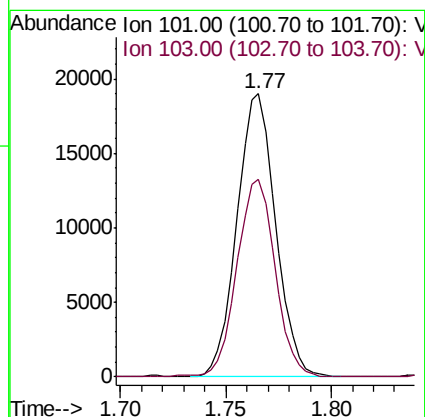
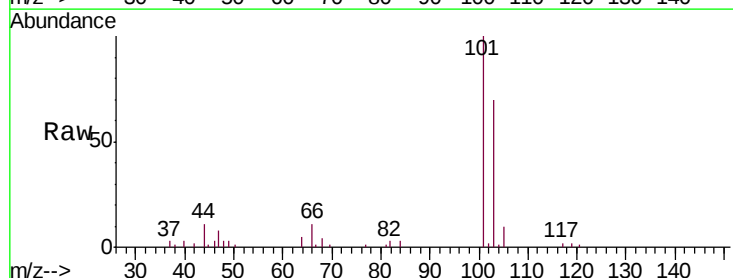
Acq: 29 Apr 2019 17:40

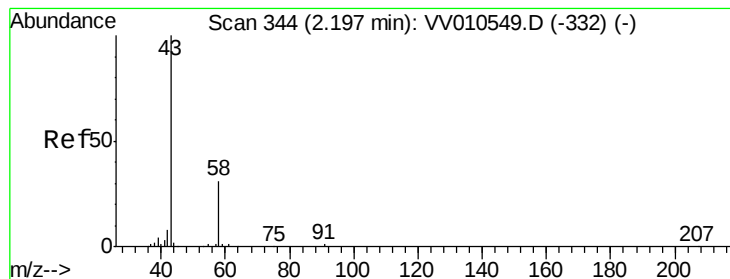
Tgt Ion: 101 Resp: 24155

Ion Ratio Lower Upper

101 100

103 69.1 50.5 75.7





#13

Acetone

Concen: 4.083 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV010552.D

Acq: 29 Apr 2019 17:40

Instrument :

MSVOA_V

ClientSampleId :

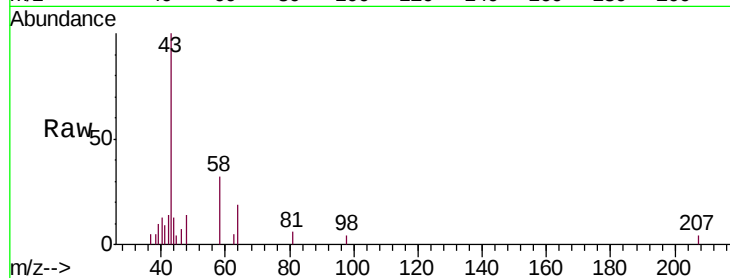
C0X59DL

Tgt Ion: 43 Resp: 5578

Ion Ratio Lower Upper

43 100

58 29.6 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

3000

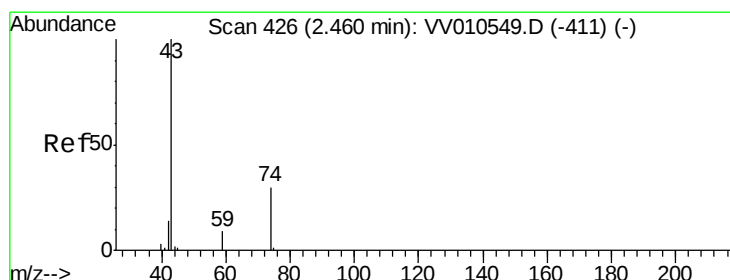
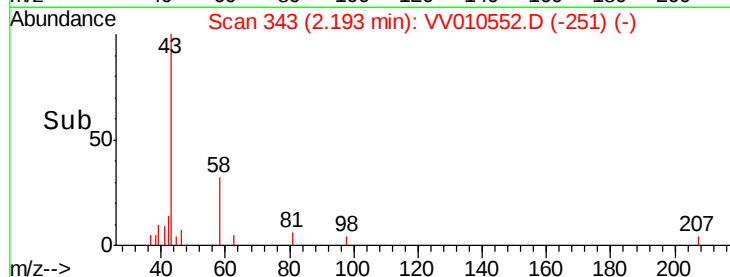
2000

1000

0

Time-->

2.15 2.20 2.25



#15

Methyl Acetate

Concen: 0.382 ug/L

RT: 2.33 min Scan# 386

Delta R.T. -0.13 min

Lab File: VV010552.D

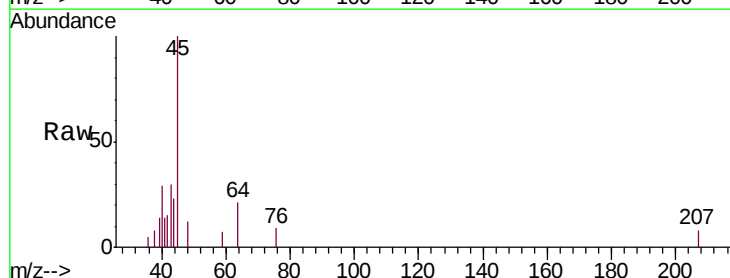
Acq: 29 Apr 2019 17:40

Tgt Ion: 43 Resp: 1730

Ion Ratio Lower Upper

43 100

74 0.0 24.2 36.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.33

600

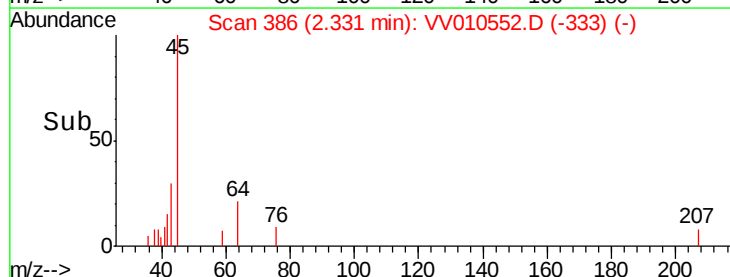
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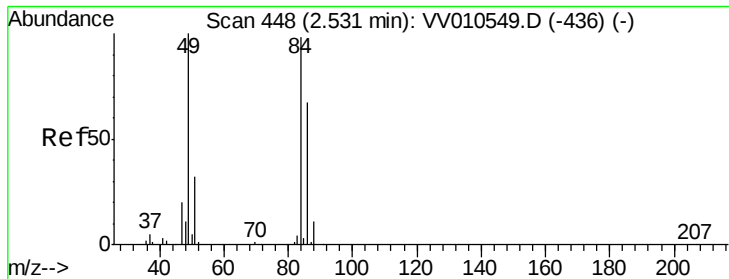
200

0

Time-->

2.30 2.35 2.40

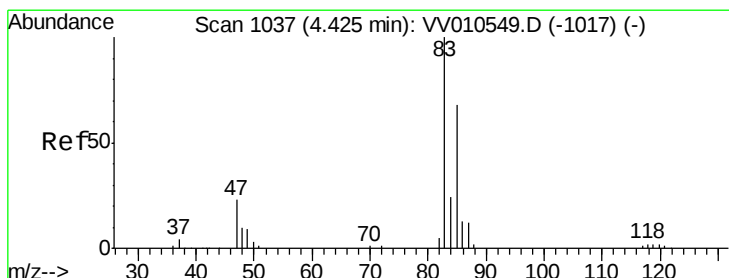
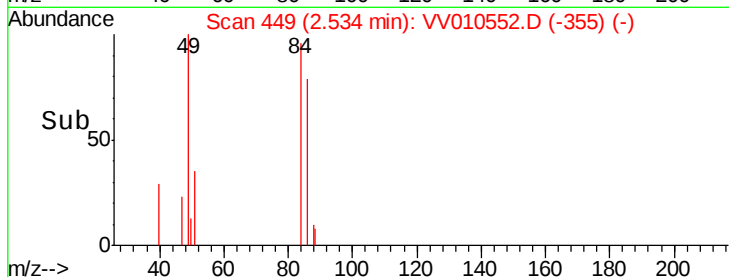
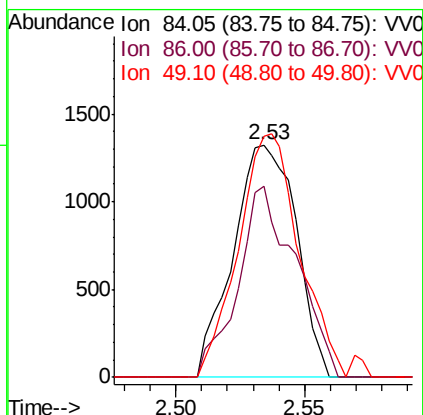
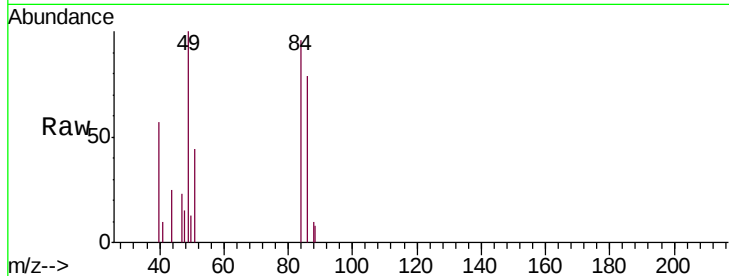




#16
Methylene chloride
Concen: 0.142 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010552.D
Acq: 29 Apr 2019 17:40

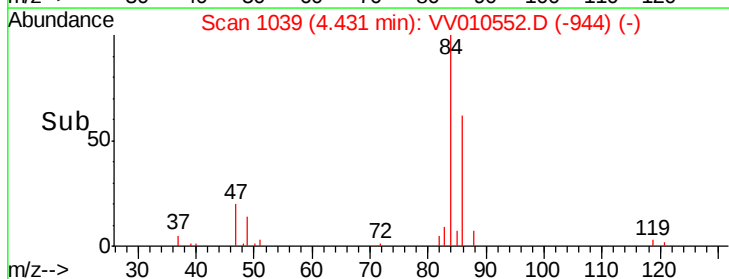
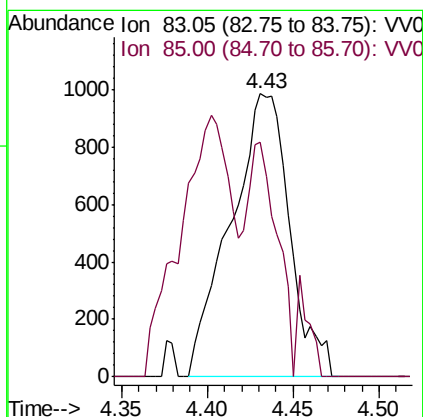
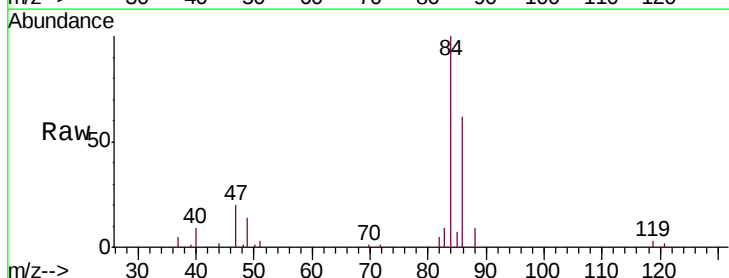
Instrument :
MSVOA_V
ClientSampleId :
C0X59DL

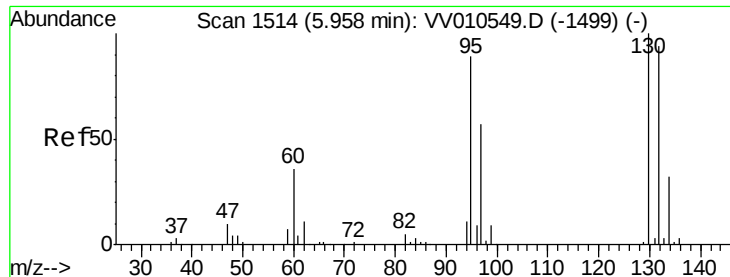
Tgt Ion: 84 Resp: 2260
Ion Ratio Lower Upper
84 100
86 82.1 43.7 81.1#
49 103.9 71.4 132.6



#25
Chloroform
Concen: 0.084 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV010552.D
Acq: 29 Apr 2019 17:40

Tgt Ion: 83 Resp: 2364
Ion Ratio Lower Upper
83 100
85 82.9 43.6 81.0#





#34

Trichloroethene

Concen: 0.278 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV010552.D

Acq: 29 Apr 2019 17:40

Instrument :

MSVOA_V

ClientSampleId :

C0X59DL

Tgt Ion: 95 Resp: 4541

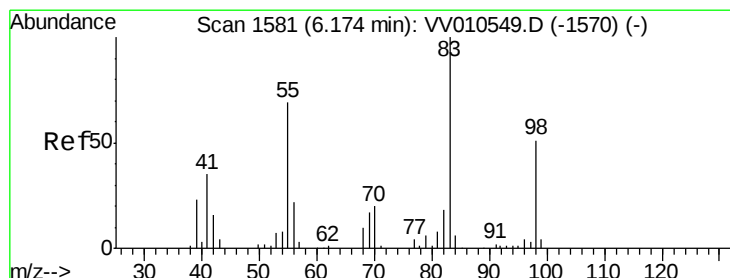
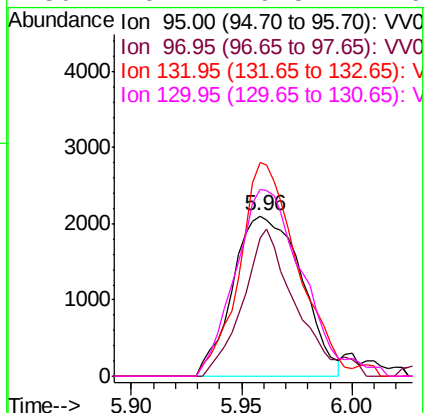
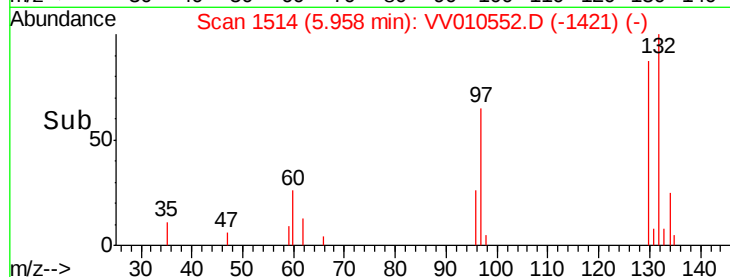
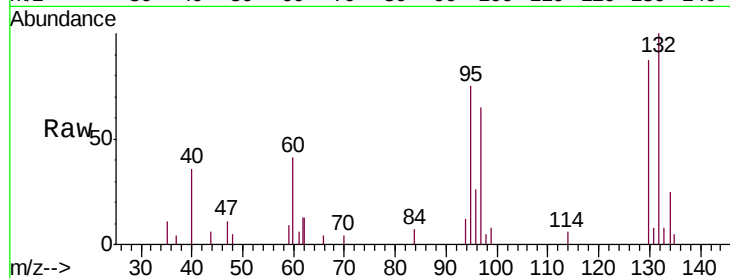
Ion Ratio Lower Upper

95 100

97 86.2 43.3 80.5#

132 133.4 74.1 137.5

130 116.4 79.5 147.6



#35

Methylcyclohexane

Concen: 0.930 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV010552.D

Acq: 29 Apr 2019 17:40

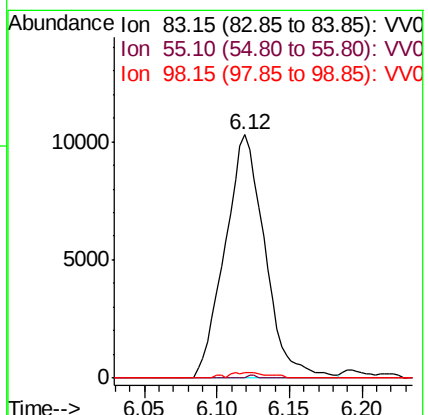
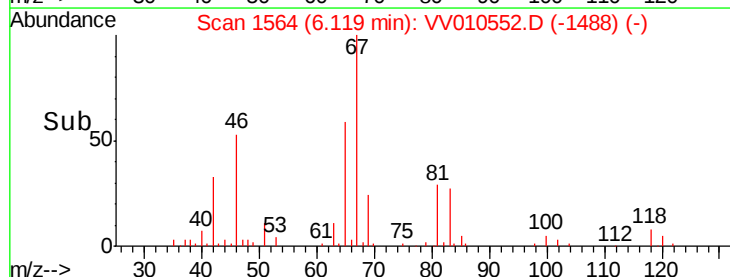
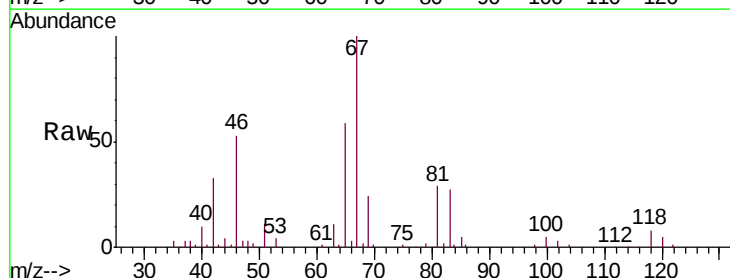
Tgt Ion: 83 Resp: 19732

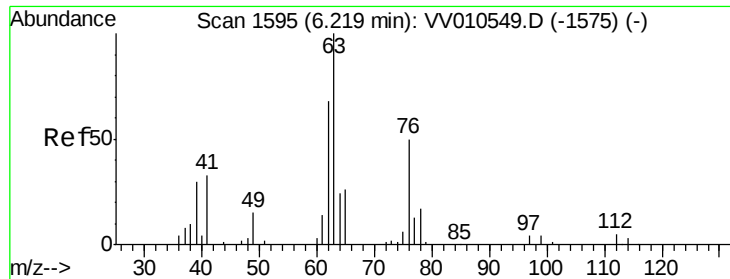
Ion Ratio Lower Upper

83 100

55 0.3 58.0 87.0#

98 1.7 40.4 60.6#

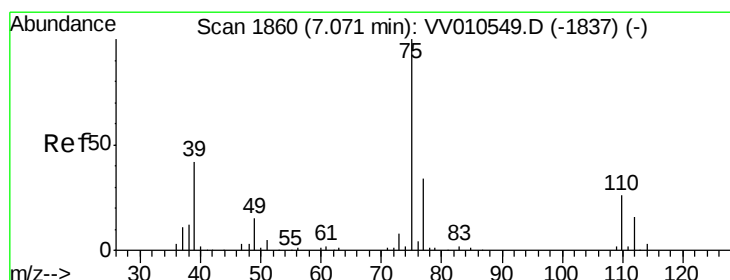
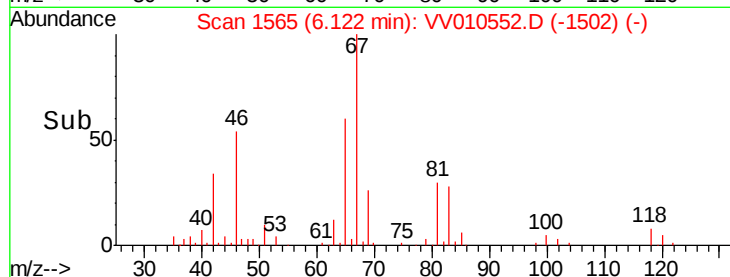
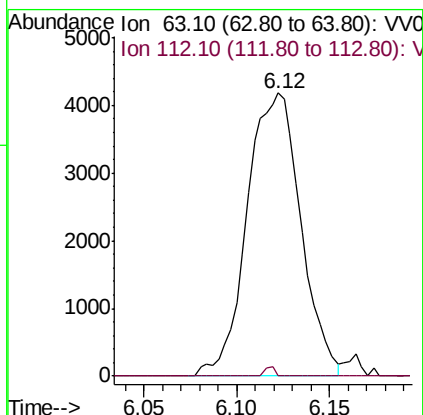
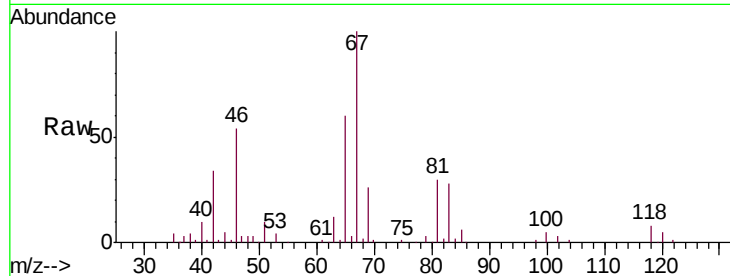




#37
 1,2-Dichloropropane
 Concen: 0.652 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV010552.D
 Acq: 29 Apr 2019 17:40

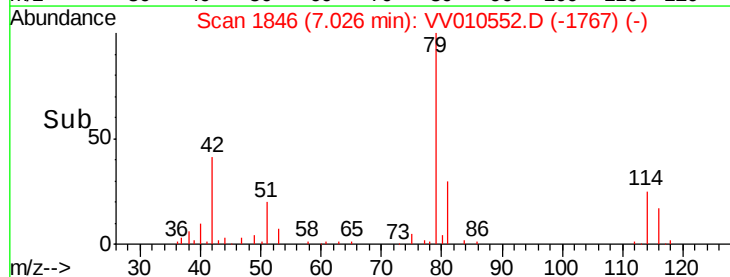
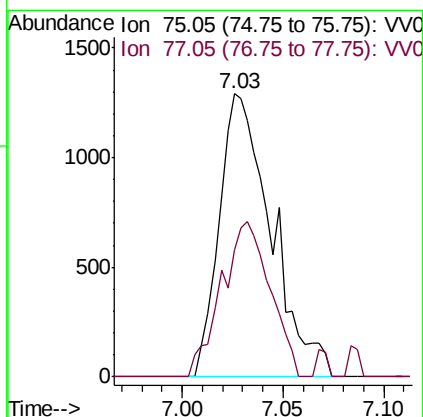
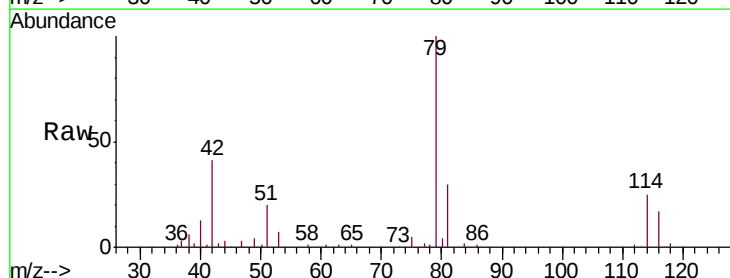
Instrument :
 MSVOA_V
 ClientSampleId :
 C0X59DL

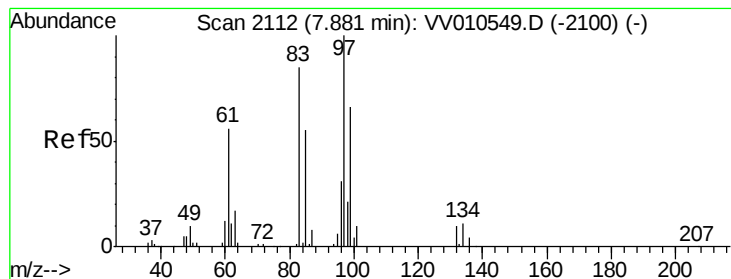
Tgt Ion: 63 Resp: 8445
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV010552.D
 Acq: 29 Apr 2019 17:40

Tgt Ion: 75 Resp: 2316
 Ion Ratio Lower Upper
 75 100
 77 44.9 21.6 40.0#





#45

1,1,2-Trichloroethane

Concen: 0.094 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.13 min

Lab File: VV010552.D

Acq: 29 Apr 2019 17:40

Instrument :

MSVOA_V

ClientSampleId :

C0X59DL

Tgt Ion: 97 Resp: 1034

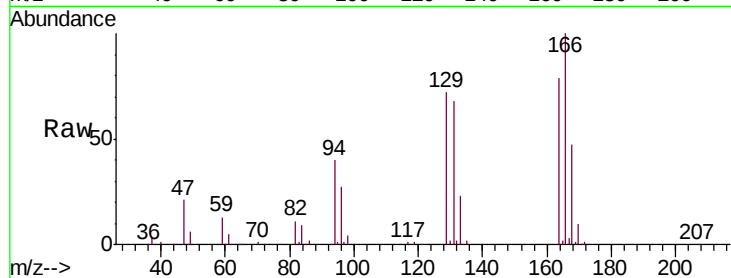
Ion Ratio Lower Upper

97 100

99 0.0 39.5 73.4#

83 154.1 57.7 107.3#

85 23.1 32.8 61.0#

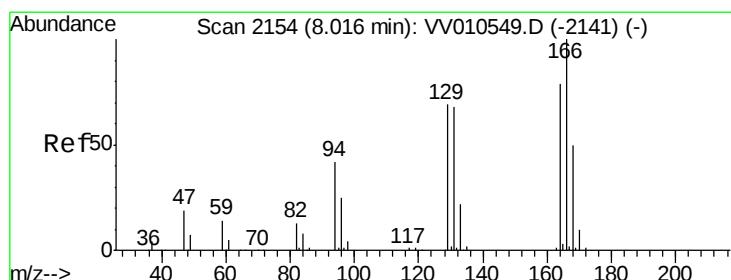
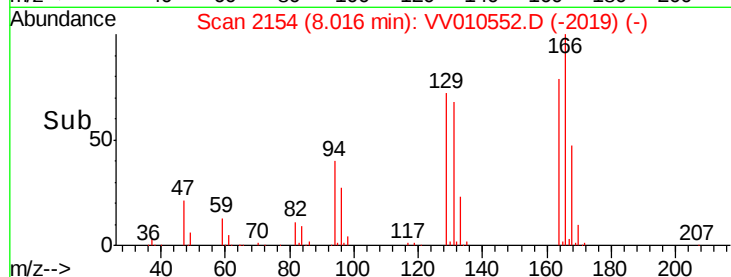
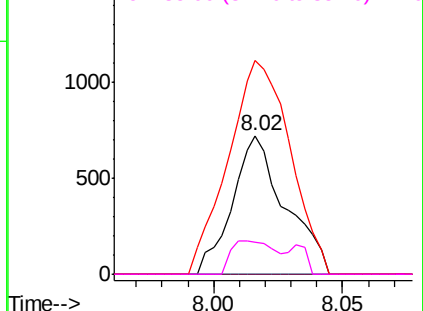


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 7.742 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010552.D

Acq: 29 Apr 2019 17:40

Tgt Ion: 164 Resp: 118268

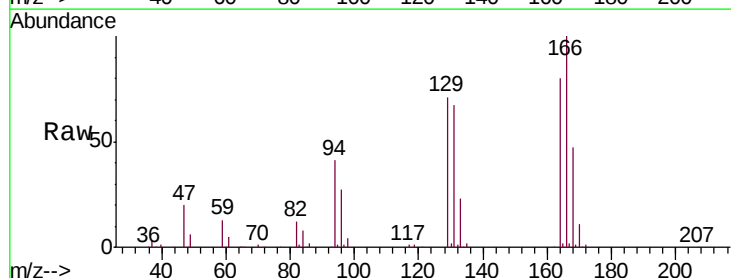
Ion Ratio Lower Upper

164 100

129 89.6 62.2 115.4

131 84.2 61.5 114.1

166 125.5 89.1 165.5

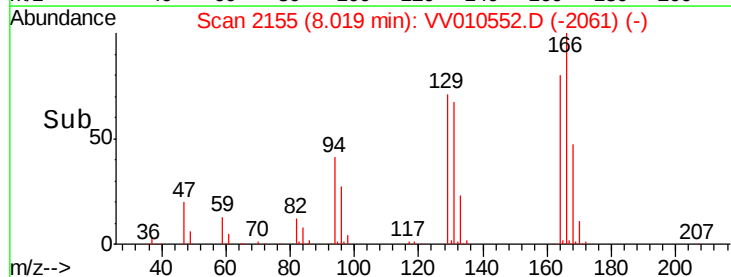
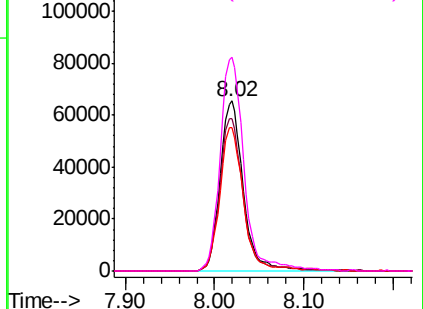


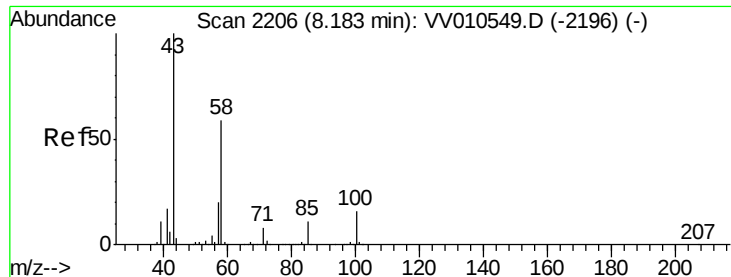
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

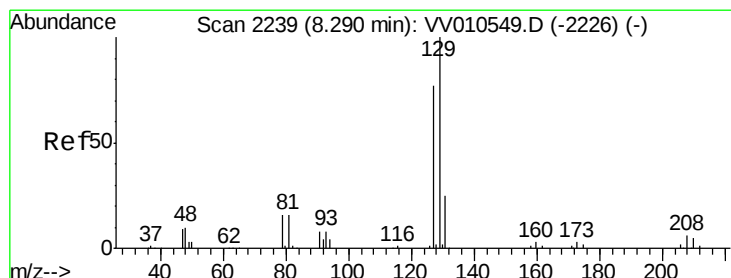
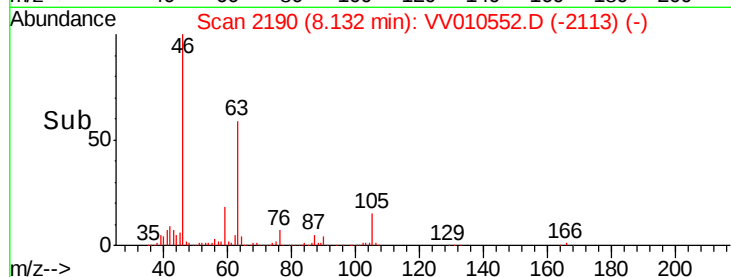
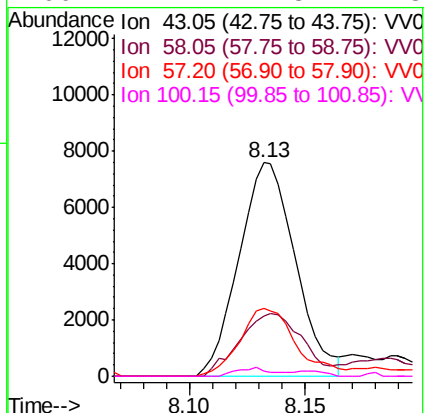
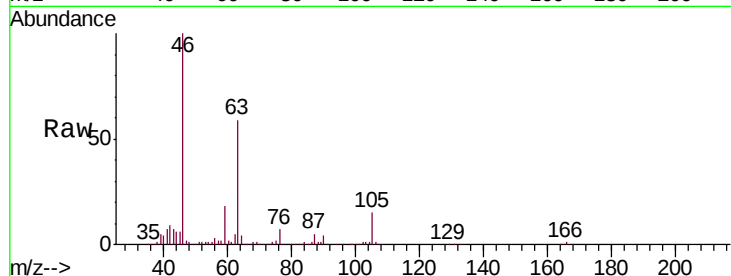




#48
2-Hexanone
Concen: 2.676 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV010552.D
Acq: 29 Apr 2019 17:40

Instrument :
MSVOA_V
ClientSampleId :
C0X59DL

Tgt Ion:	43	Resp:	12825
Ion	Ratio	Lower	Upper
43	100		
58	32.3	43.1	64.7#
57	31.8	16.3	24.5#
100	2.7	11.8	17.8#



#49
Dibromochloromethane
Concen: 7.339 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV010552.D
Acq: 29 Apr 2019 17:40

Tgt Ion:	129	Resp:	99091
Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#

