

Data File : VV010470.D
Acq On : 24 Apr 2019 18:27
Operator : SY/MD
Sample : K2477-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X53

Quant Time: Apr 25 02:26:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 02:19:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	236585	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	232279	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109115	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61481	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.58	69	46525	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.13	63	94752	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.97	46	152603	52.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.38%
24) Chloroform-d	4.40	84	136395	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	70076	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	265792	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	77503	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	243913	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.67	79	27172	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	117972	48.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57452	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	99862	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	1472	0.099 ug/L	90
8) Chloroethane	1.59	64	908	0.100 ug/L #	50
9) Trichlorofluoromethane	1.77	101	14159	0.474 ug/L	97
13) Acetone	2.21	43	3083	1.752 ug/L	88
19) 1,1-Dichloroethane	3.23	63	4613	0.186 ug/L #	85
22) cis-1,2-Dichloroethene	3.96	96	97898	6.043 ug/L	99
25) Chloroform	4.42	83	3022	0.103 ug/L	97
34) Trichloroethene	5.96	95	342676	20.000 ug/L	96
35) Methylcyclohexane	6.12	83	19885	0.773 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9583	0.665 ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	1578	0.096 ug/L #	76
47) Tetrachloroethene	8.02	164	6959	0.455 ug/L	89
48) 2-Hexanone	8.14	43	14603	2.576 ug/L #	73
49) Dibromochloromethane	8.02	129	6756	0.495 ug/L #	9
55) Styrene	9.61	104	6401	0.136 ug/L	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042419\
Quantitation Report (Not Reviewed)

Data File : VV010470.D
Acq On : 24 Apr 2019 18:27
Operator : SY/MD
Sample : K2477-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X53

Quant Time: Apr 25 02:26:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 02:19:56 2019
Response via : Initial Calibration

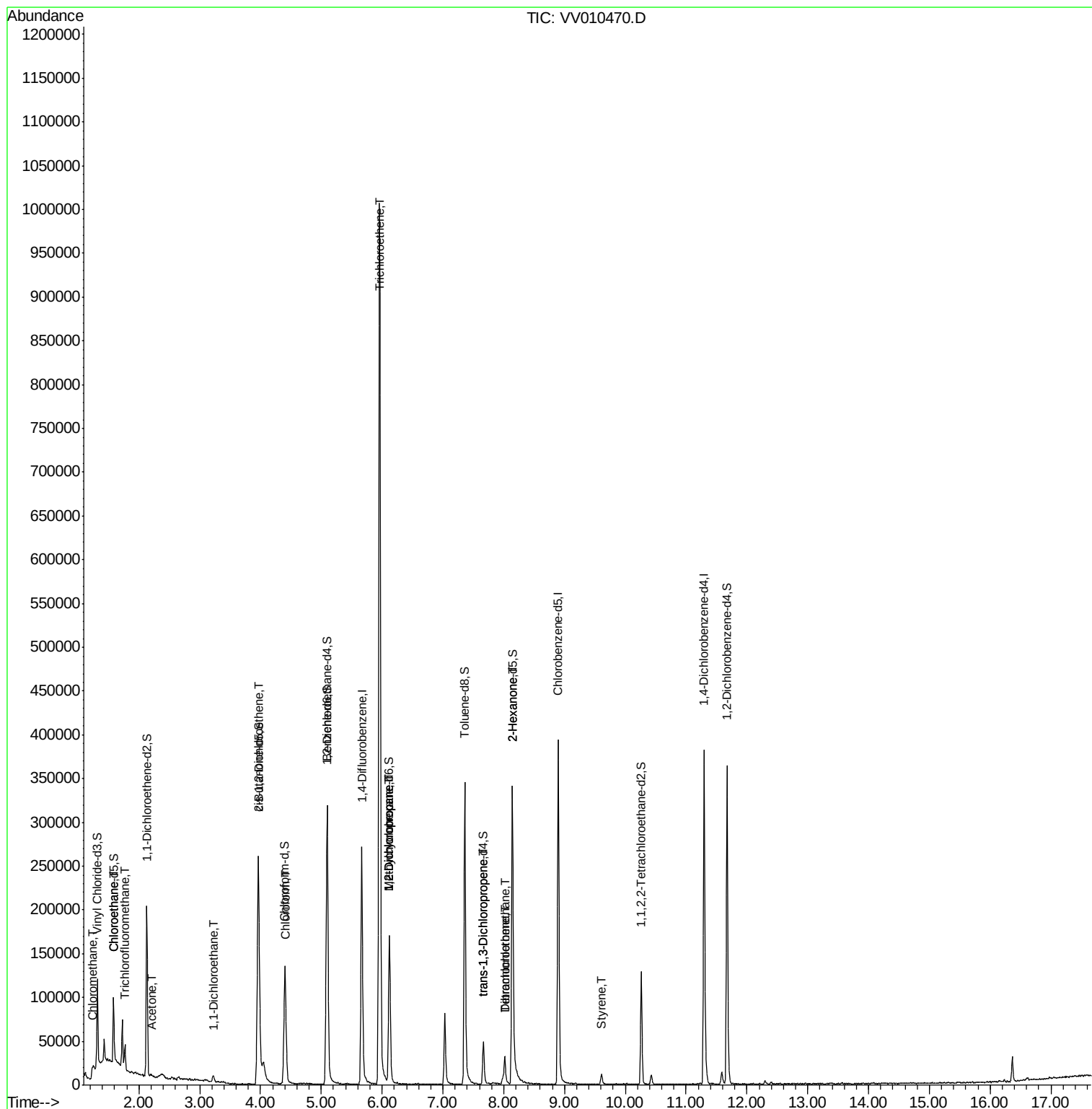
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

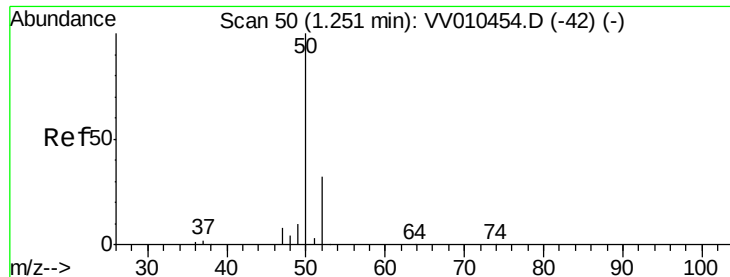
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : VV010470.D
Acq On : 24 Apr 2019 18:27
Operator : SY/MD
Sample : K2477-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X53

Quant Time: Apr 25 02:26:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 02:19:56 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.099 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV010470.D

Acq: 24 Apr 2019 18:27

Instrument :

MSVOA_V

ClientSampled :

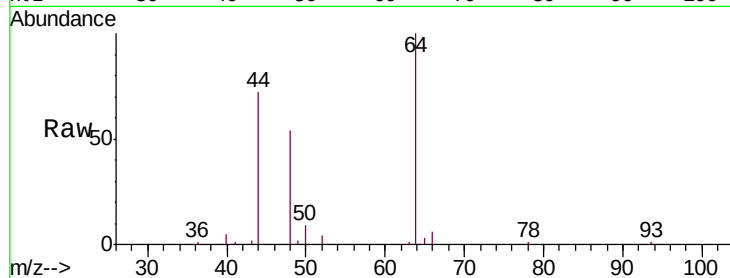
C0X53

Tgt Ion: 50 Resp: 1472

Ion Ratio Lower Upper

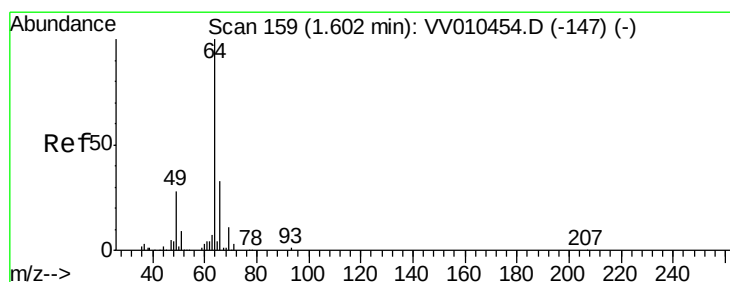
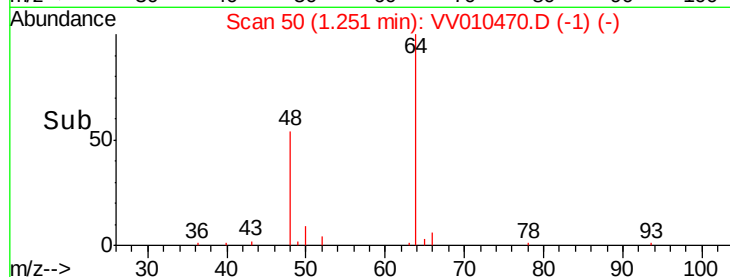
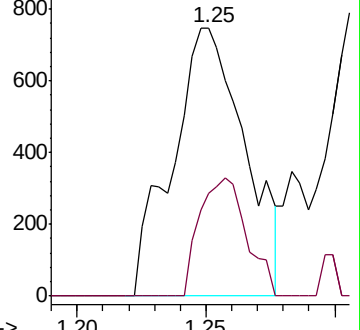
50 100

52 38.4 22.7 42.3



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.100 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.01 min

Lab File: VV010470.D

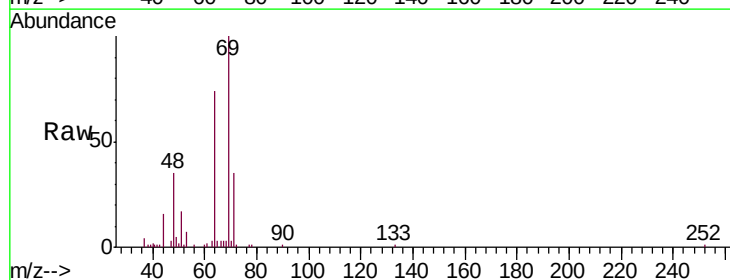
Acq: 24 Apr 2019 18:27

Tgt Ion: 64 Resp: 908

Ion Ratio Lower Upper

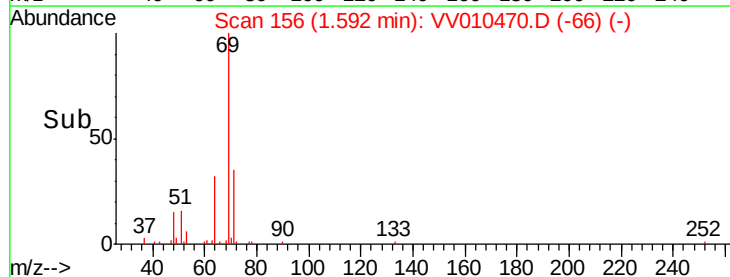
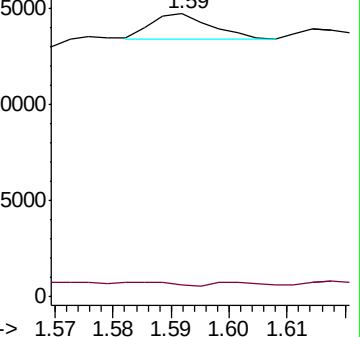
64 100

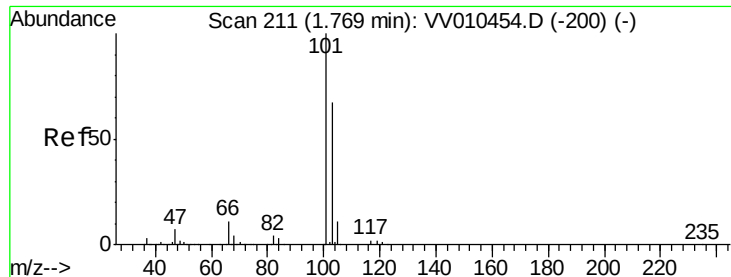
66 4.2 22.5 41.9#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



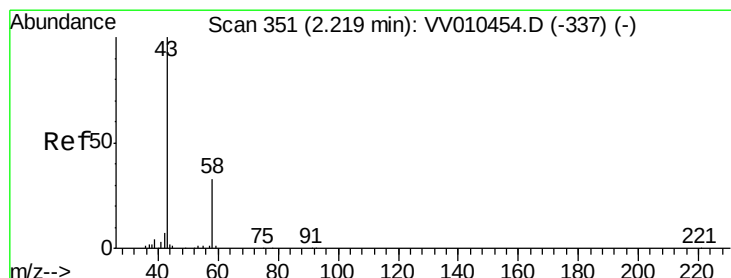
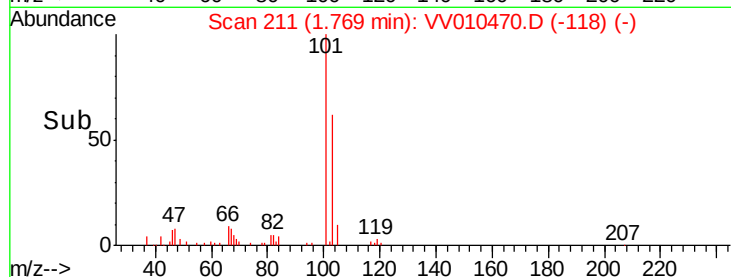
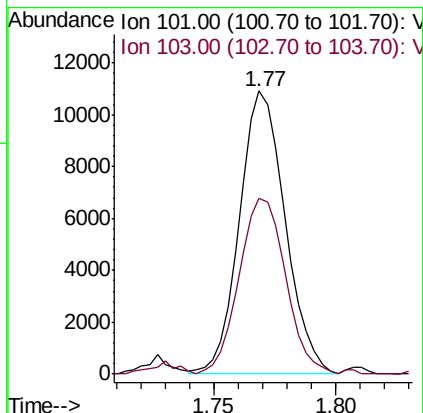
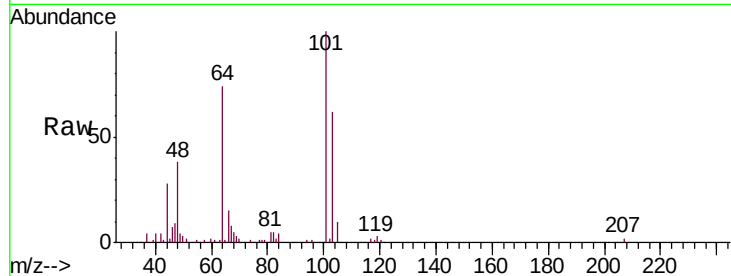


#9

Trichlorofluoromethane
 Concen: 0.474 ug/L
 RT: 1.77 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VV010470.D
 Acq: 24 Apr 2019 18:27

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X53

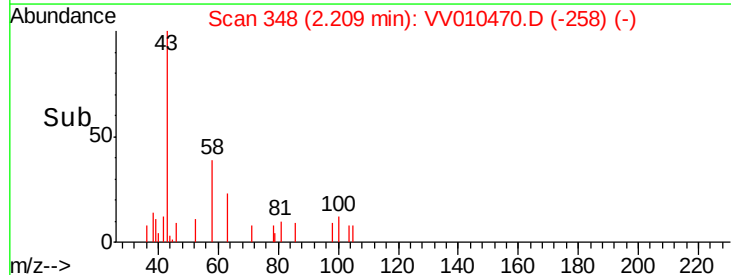
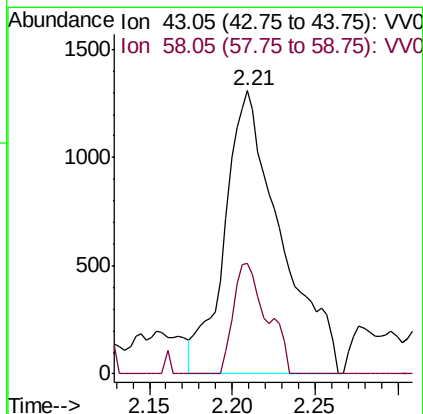
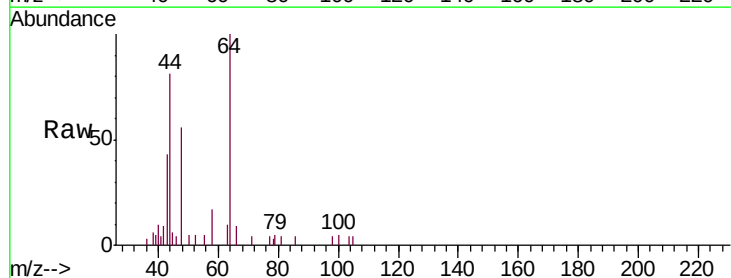
Tgt Ion:101 Resp: 14159
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.6 78.8

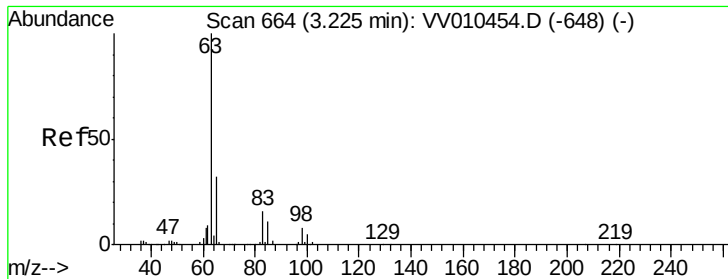


#13

Acetone
 Concen: 1.752 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VV010470.D
 Acq: 24 Apr 2019 18:27

Tgt Ion: 43 Resp: 3083
 Ion Ratio Lower Upper
 43 100
 58 23.4 0.0 59.6

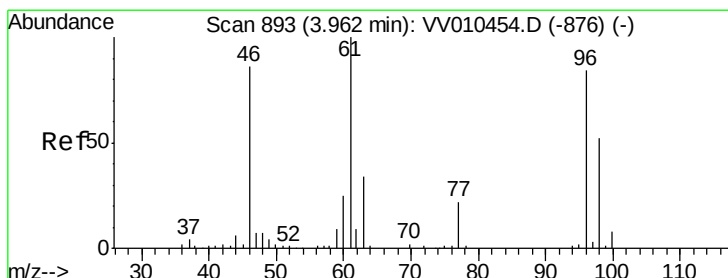
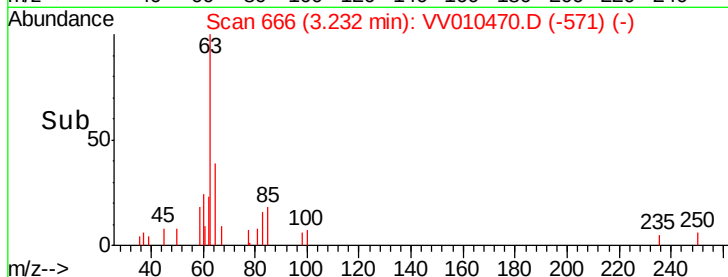
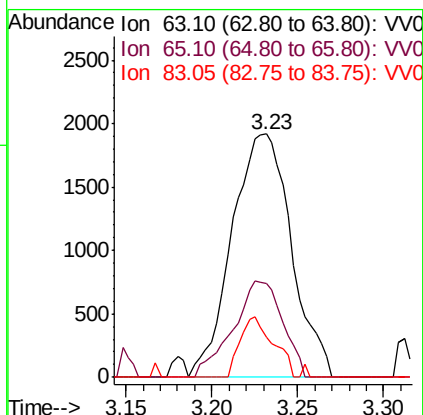
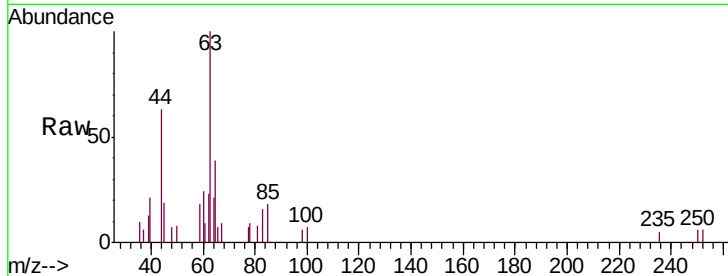




#19
 1,1-Dichloroethane
 Concen: 0.186 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: VV010470.D
 Acq: 24 Apr 2019 18:27

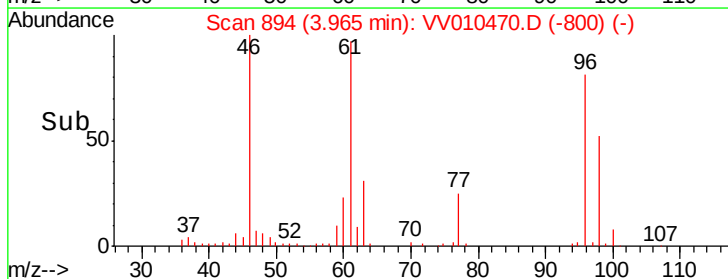
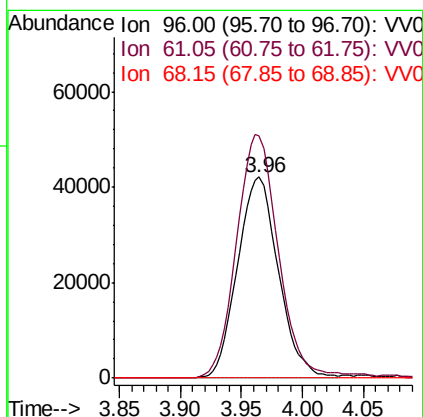
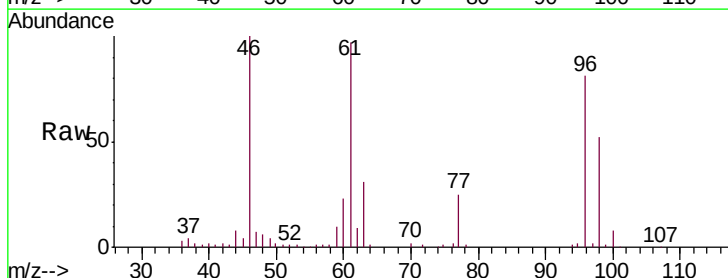
Instrument :
 MSVOA_V
 ClientSampleId :
 C0X53

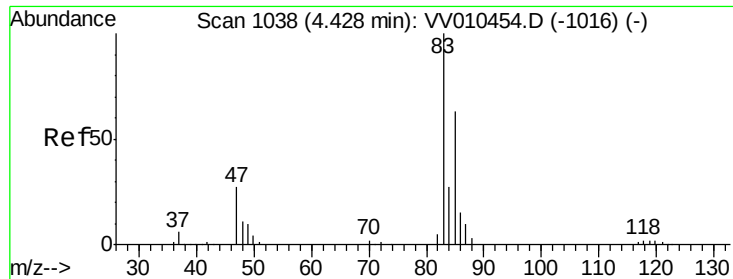
Tgt Ion: 63 Resp: 4613
 Ion Ratio Lower Upper
 63 100
 65 45.1 22.7 42.3#
 83 16.3 11.3 20.9



#22
 cis-1,2-Dichloroethene
 Concen: 6.043 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV010470.D
 Acq: 24 Apr 2019 18:27

Tgt Ion: 96 Resp: 97898
 Ion Ratio Lower Upper
 96 100
 61 120.4 83.2 154.6
 68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.103 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VV010470.D

Acq: 24 Apr 2019 18:27

Instrument :

MSVOA_V

ClientSampleId :

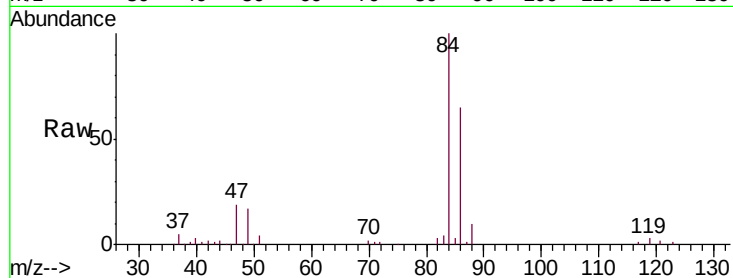
C0X53

Tgt Ion: 83 Resp: 3022

Ion Ratio Lower Upper

83 100

85 60.7 44.3 82.3



Abundance Ion 83.05 (82.75 to 83.75): VV010454.D (-1016) (-)

Ion 85.00 (84.70 to 85.70): VV010454.D (-1016) (-)

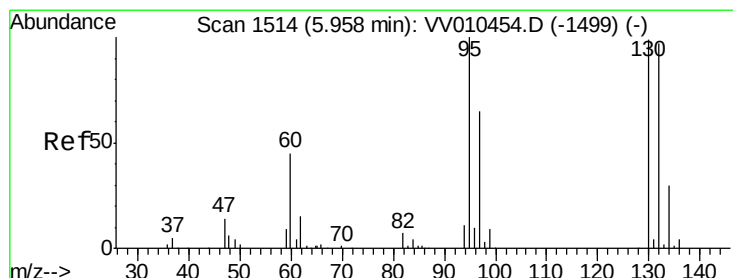
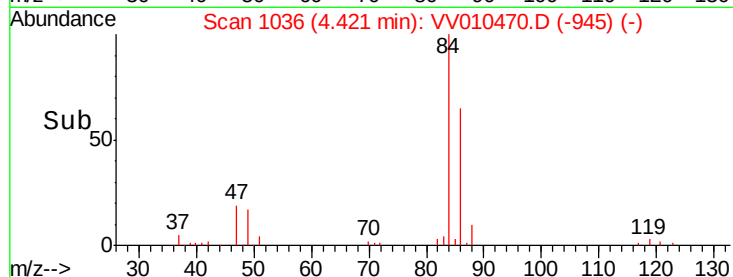
4.42

1000

500

0

Time-->



#34

Trichloroethene

Concen: 20.000 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV010470.D

Acq: 24 Apr 2019 18:27

Tgt Ion: 95 Resp: 342676

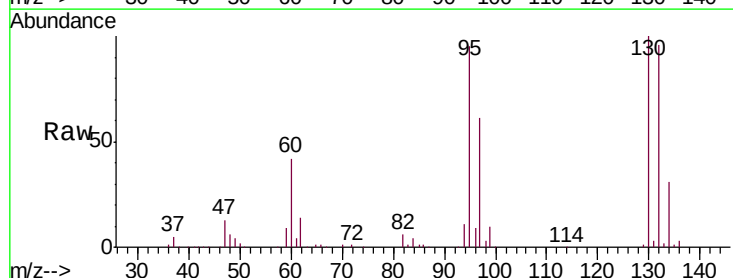
Ion Ratio Lower Upper

95 100

97 63.8 45.6 84.6

132 101.0 67.8 126.0

130 105.1 69.0 128.2



Abundance Ion 95.00 (94.70 to 95.70): VV010454.D (-1499) (-)

Ion 96.95 (96.65 to 97.65): VV010454.D (-1499) (-)

Ion 131.95 (131.65 to 132.65): VV010454.D (-1499) (-)

Ion 129.95 (129.65 to 130.65): VV010454.D (-1499) (-)

250000

200000

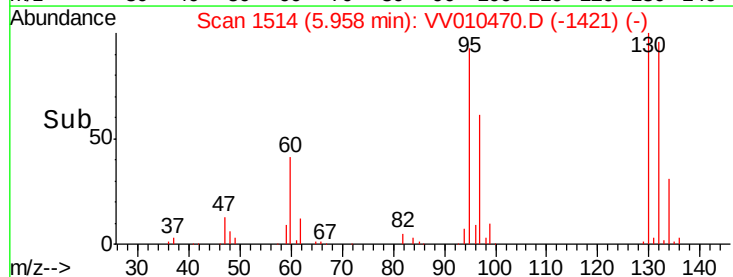
150000

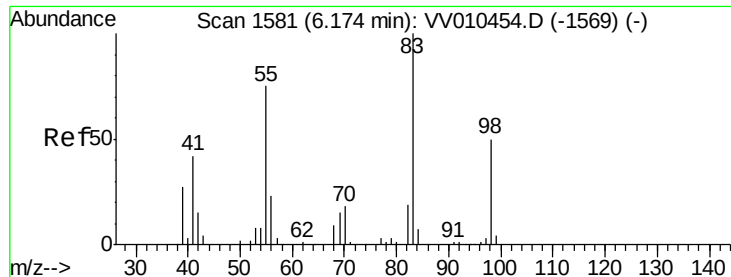
100000

50000

0

Time-->

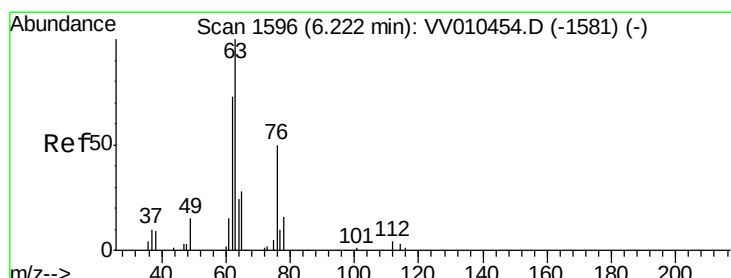
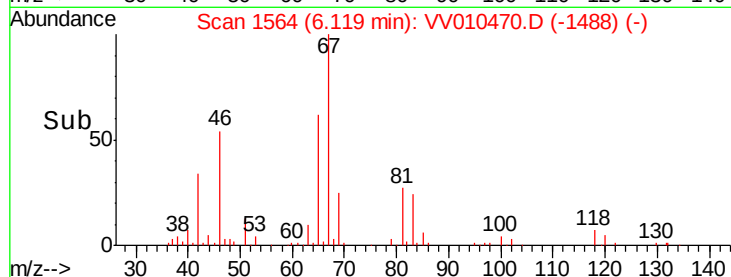
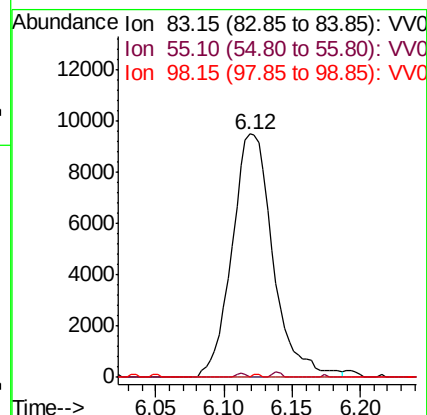
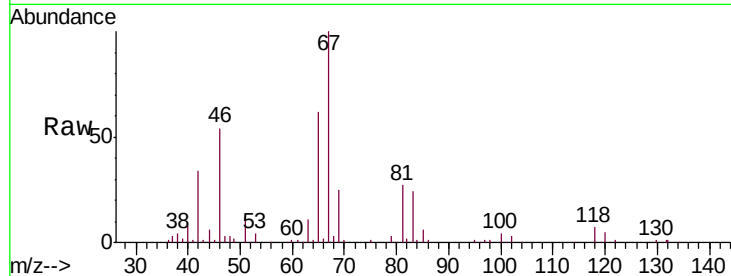




#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010470.D
Acq: 24 Apr 2019 18:27

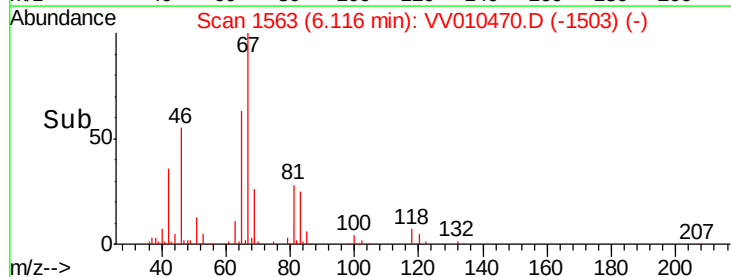
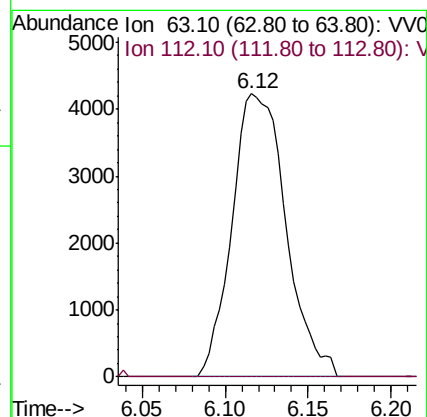
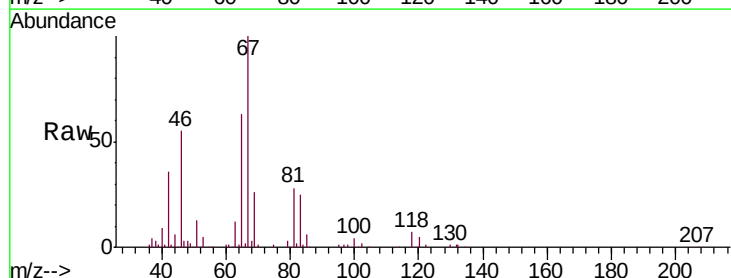
Instrument :
MSVOA_V
ClientSampled :
C0X53

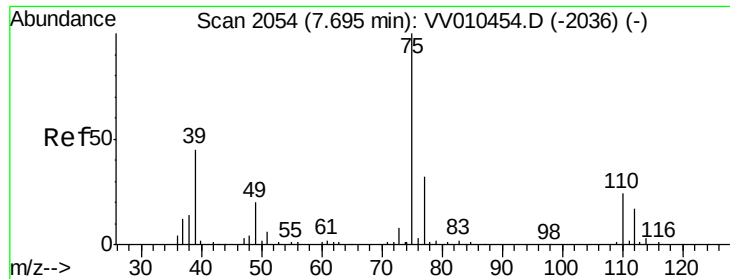
Tgt Ion: 83 Resp: 19885
Ion Ratio Lower Upper
83 100
55 0.4 57.8 86.6#
98 0.0 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.665 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV010470.D
Acq: 24 Apr 2019 18:27

Tgt Ion: 63 Resp: 9583
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.6#





#44

trans-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV010470.D

Acq: 24 Apr 2019 18:27

Instrument :

MSVOA_V

ClientSampleId :

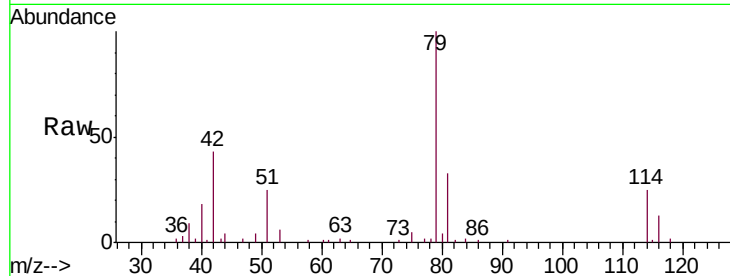
C0X53

Tgt Ion: 75 Resp: 1578

Ion Ratio Lower Upper

75 100

77 44.7 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

800

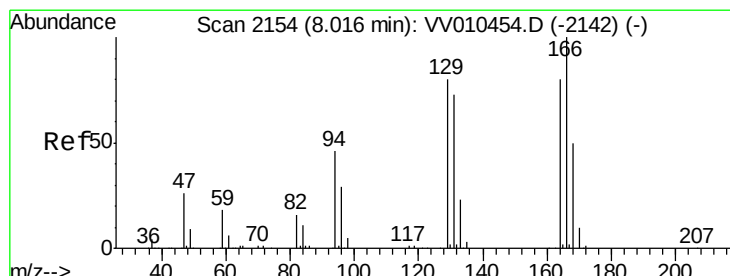
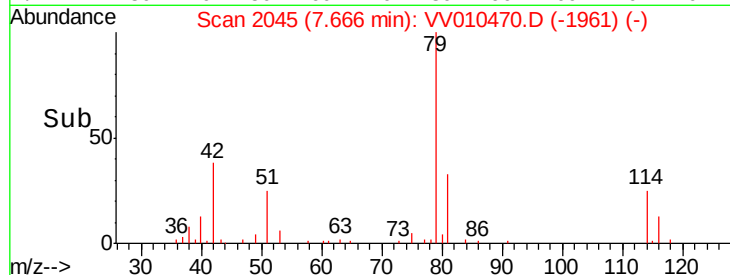
600

400

200

0

Time--> 7.60 7.65 7.70



#47

Tetrachloroethene

Concen: 0.455 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010470.D

Acq: 24 Apr 2019 18:27

Tgt Ion: 164 Resp: 6959

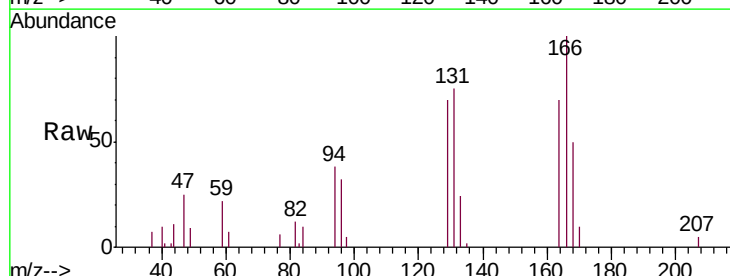
Ion Ratio Lower Upper

164 100

129 100.6 69.7 129.4

131 106.7 63.8 118.6

166 143.0 87.4 162.2



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

8000

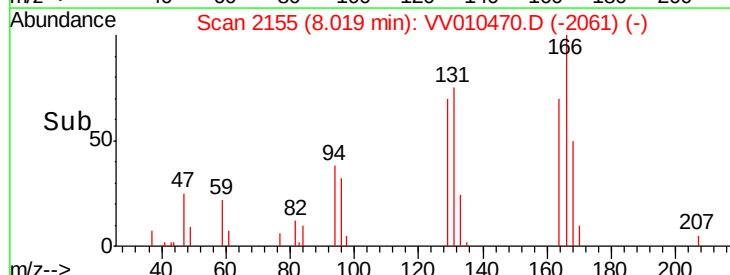
6000

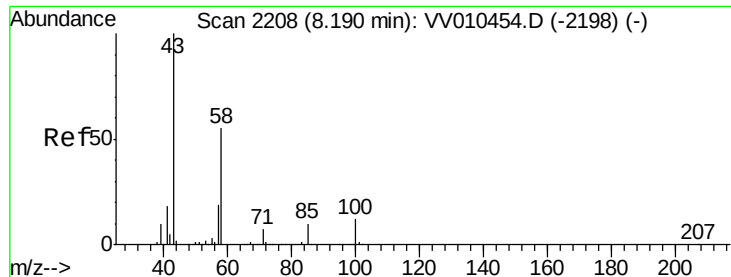
4000

2000

0

Time--> 7.95 8.00 8.05

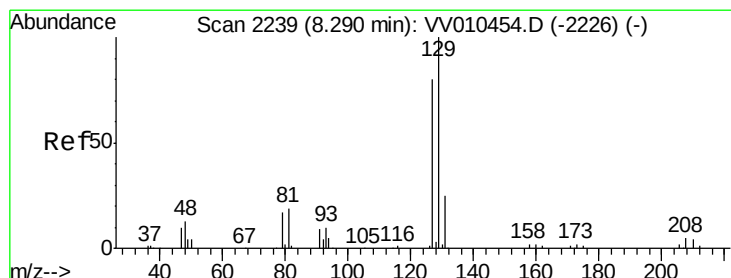
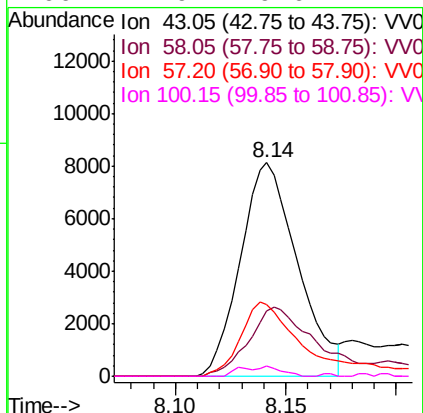
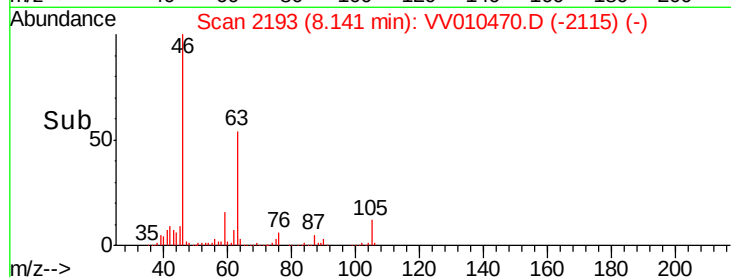
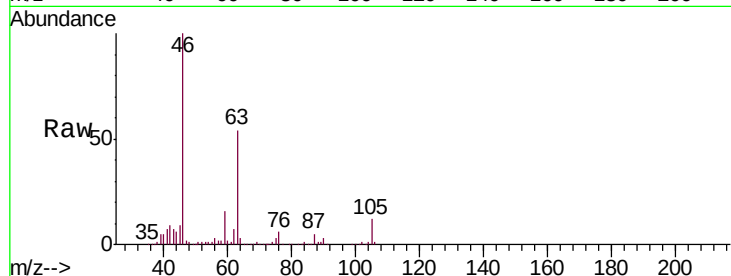




#48
 2-Hexanone
 Concen: 2.576 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV010470.D
 Acq: 24 Apr 2019 18:27

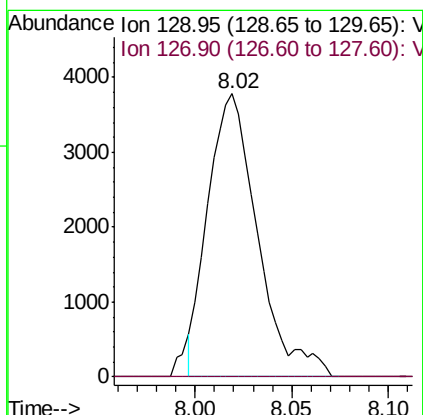
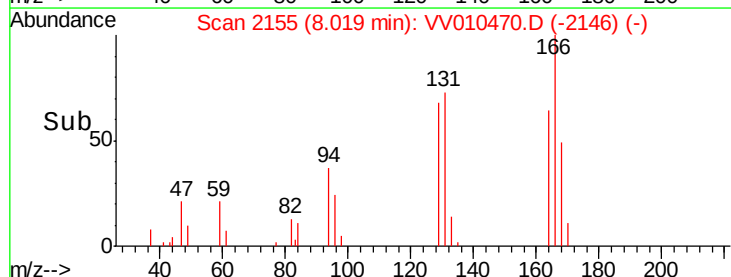
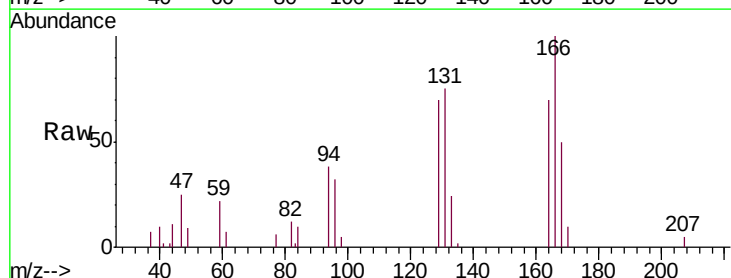
Instrument :
 MSVOA_V
 ClientSampleId :
 C0X53

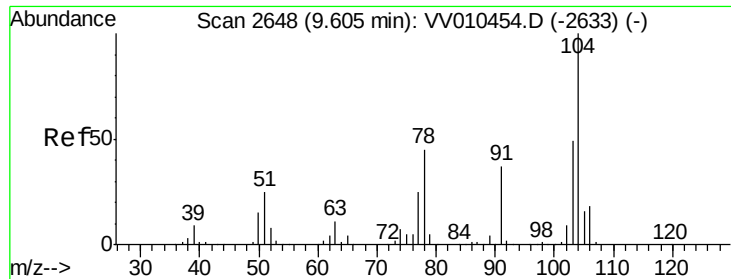
Tgt Ion:	43	Resp:	14603
Ion	Ratio	Lower	Upper
43	100		
58	37.6	42.2	63.4#
57	38.5	15.3	22.9#
100	1.9	9.6	14.4#



#49
 Dibromochloromethane
 Concen: 0.495 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.27 min
 Lab File: VV010470.D
 Acq: 24 Apr 2019 18:27

Tgt Ion:	129	Resp:	6756
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.1	104.1#





#55

Styrene

Concen: 0.136 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. 0.00 min

Lab File: VV010470.D

Acq: 24 Apr 2019 18:27

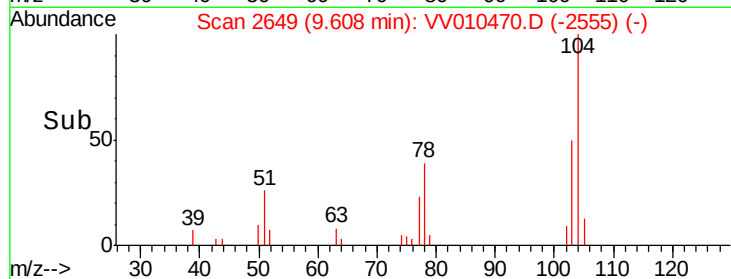
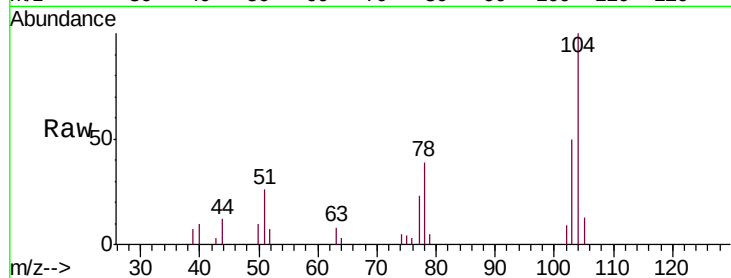
Instrument :
MSVOA_V
ClientSampleId :
C0X53

Tgt Ion:104 Resp: 6401

Ion Ratio Lower Upper

104 100

78 38.9 31.4 58.4



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

