

Data File : VV010535.D
Acq On : 27 Apr 2019 07:44
Operator : SY/MD
Sample : K2586-13
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X55

Quant Time: Apr 29 02:02:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 29 01:58:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	215630	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	217923	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97945	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55742	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.57	69	37180	6.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.40%#
11) 1,1-Dichloroethene-d2	2.13	63	77948	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.94	46	136178	50.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.68%
24) Chloroform-d	4.40	84	136742	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.08	65	71337	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.10	84	291395	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.12	67	80833	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	266426	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	7.66	79	25989	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.13	63	117483	47.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	61178	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	114619	6.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.40%#

Target Compounds

					Qvalue
8) Chloroethane	1.73	64	957	0.198 ug/L	98
9) Trichlorofluoromethane	1.76	101	73761	3.135 ug/L	98
13) Acetone	2.19	43	21318	15.820 ug/L	98
15) Methyl Acetate	2.32	43	6865	1.535 ug/L #	44
21) 2-Butanone	4.13	43	85302	30.627 ug/L #	46
22) cis-1,2-Dichloroethene	3.96	96	104555	6.512 ug/L	96
25) Chloroform	4.43	83	13155	0.473 ug/L	95
34) Trichloroethene	5.96	95	30844	1.880 ug/L	98
35) Methylcyclohexane	6.12	83	21525	1.011 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9374	0.721 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2147	0.114 ug/L #	76
42) Toluene	7.43	91	5112	0.083 ug/L	94
44) trans-1,3-Dichloropropene	7.66	75	1547	0.105 ug/L	89
47) Tetrachloroethene	8.02	164	12593	0.821 ug/L	93
49) Dibromochloromethane	8.02	129	11415	0.842 ug/L #	12
59) 1,2,3-Trichloropropane	10.05	75	2196	0.264 ug/L #	43

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\
Quantitation Report (Not Reviewed)

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QLast Update : Mon Apr 29 01:58:06 2019
Response via : Initial Calibration

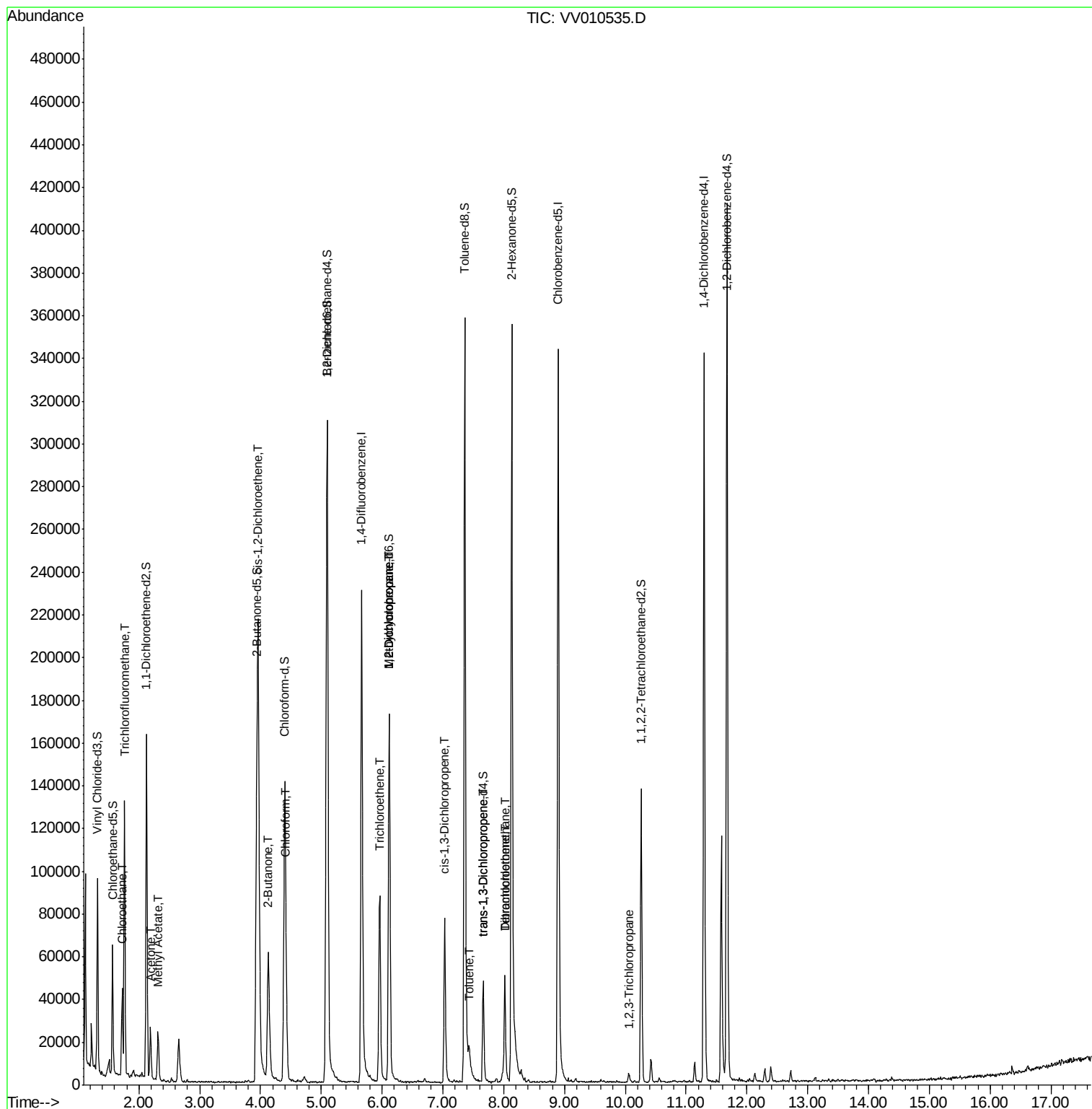
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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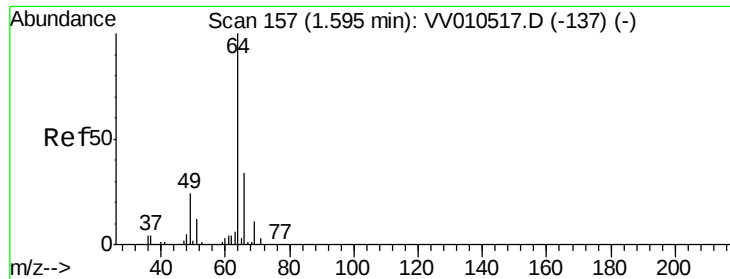
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.198 ug/L

RT: 1.73 min Scan# 200

Delta R.T. 0.14 min

Lab File: VV010535.D

Acq: 27 Apr 2019 07:44

Instrument :

MSVOA_V

ClientSampleId :

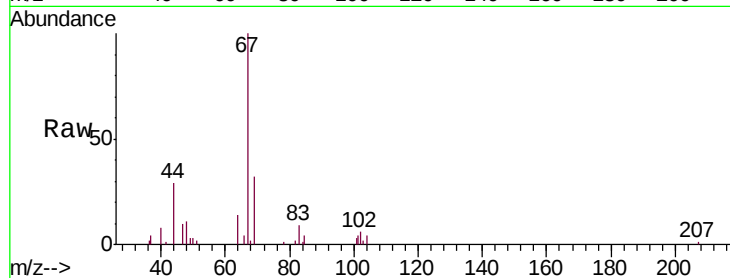
C0X55

Tgt Ion: 64 Resp: 957

Ion Ratio Lower Upper

64 100

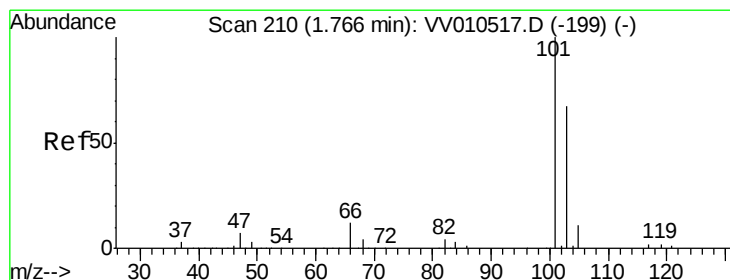
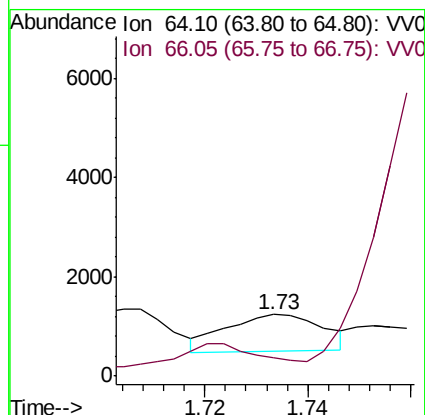
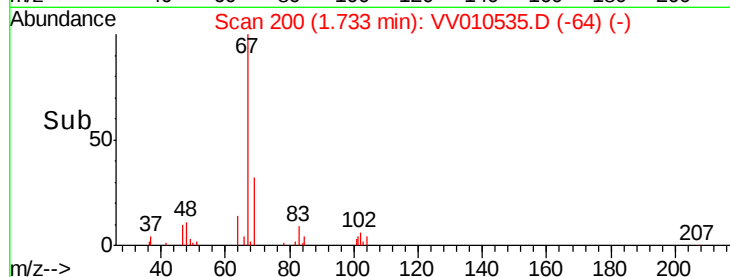
66 30.6 20.7 38.5



Abundance Ion 64.10 (63.80 to 64.80): VV010517.D (-137) (-)

Ion 66.05 (65.75 to 66.75): VV010517.D (-137) (-)

Time-->



#9

Trichlorofluoromethane

Concen: 3.135 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV010535.D

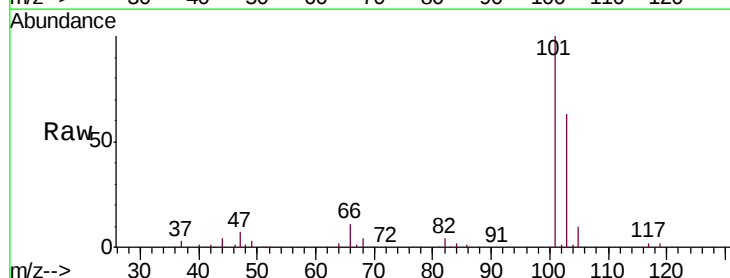
Acq: 27 Apr 2019 07:44

Tgt Ion: 101 Resp: 73761

Ion Ratio Lower Upper

101 100

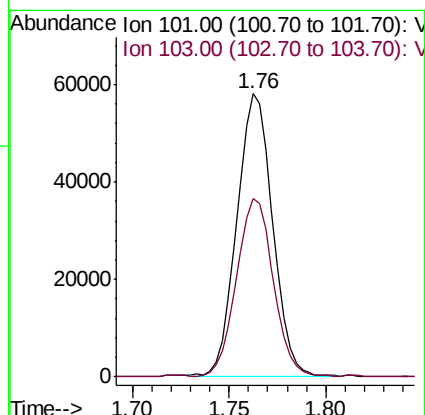
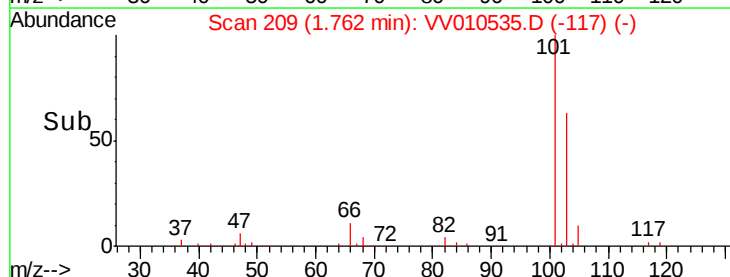
103 65.0 50.5 75.7

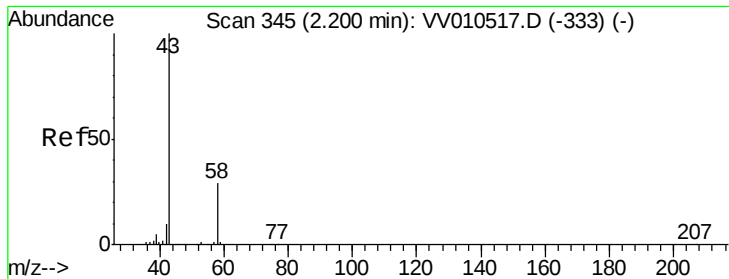


Abundance Ion 101.00 (100.70 to 101.70): VV010517.D (-199) (-)

Ion 103.00 (102.70 to 103.70): VV010517.D (-199) (-)

Time-->





#13

Acetone

Concen: 15.820 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010535.D

Acq: 27 Apr 2019 07:44

Instrument :

MSVOA_V

ClientSampleId :

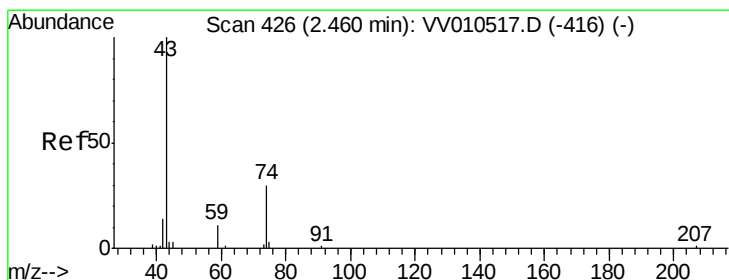
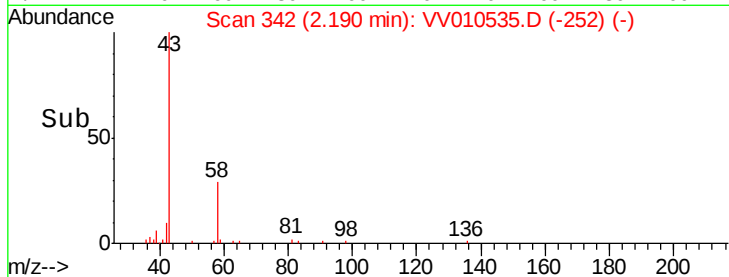
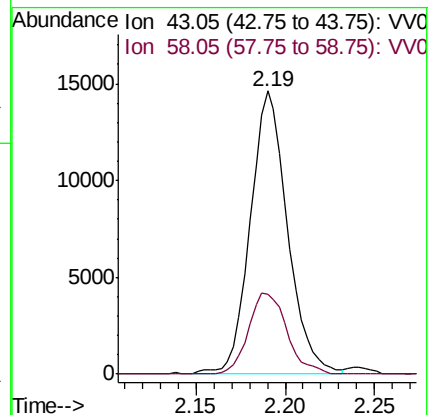
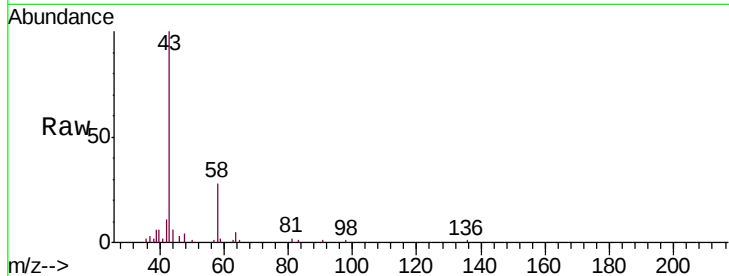
C0X55

Tgt Ion: 43 Resp: 21318

Ion Ratio Lower Upper

43 100

58 29.6 0.0 57.4



#15

Methyl Acetate

Concen: 1.535 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.14 min

Lab File: VV010535.D

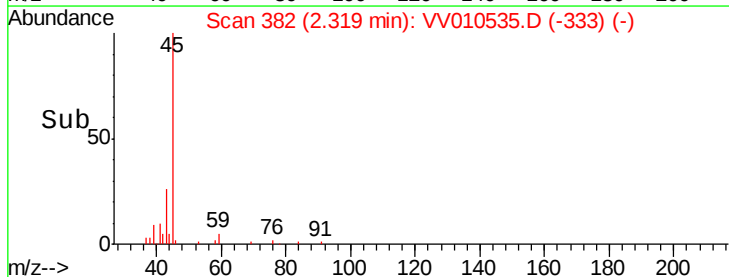
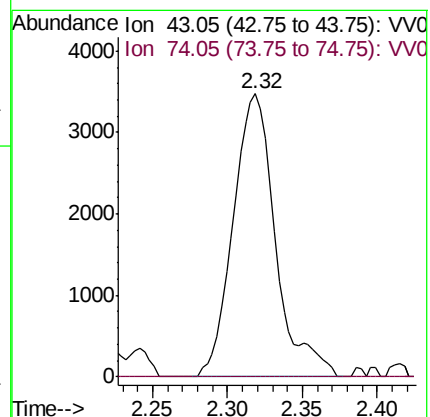
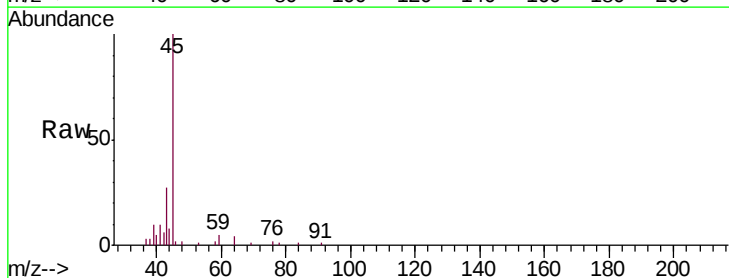
Acq: 27 Apr 2019 07:44

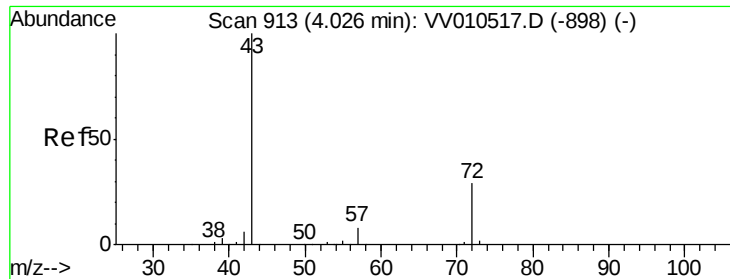
Tgt Ion: 43 Resp: 6865

Ion Ratio Lower Upper

43 100

74 0.0 24.2 36.2#





#21

2-Butanone

Concen: 30.627 ug/L

RT: 4.13 min Scan# 944

Delta R.T. 0.10 min

Lab File: VV010535.D

Acq: 27 Apr 2019 07:44

Instrument :

MSVOA_V

ClientSampleId :

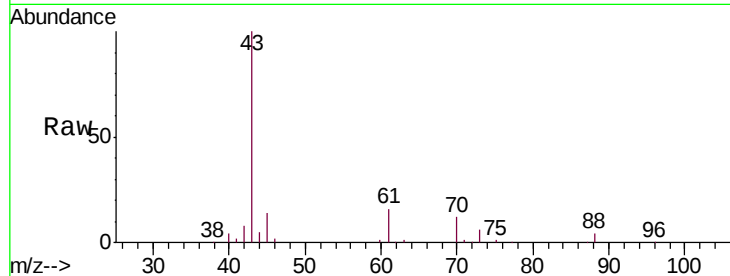
C0X55

Tgt Ion: 43 Resp: 85302

Ion Ratio Lower Upper

43 100

72 0.1 14.6 43.8#



Abundance Ion 43.05 (42.75 to 43.75): VV010517.D (-898) (-)

Ion 72.10 (71.80 to 72.80): VV010517.D (-898) (-)

4.13

40000

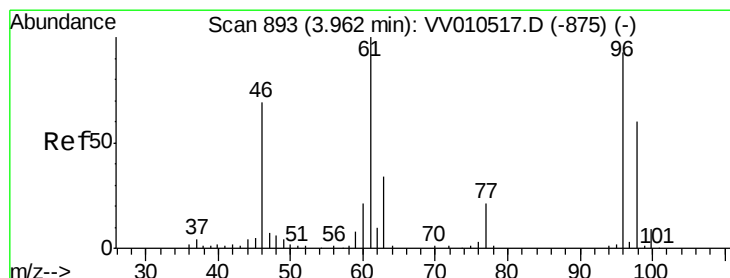
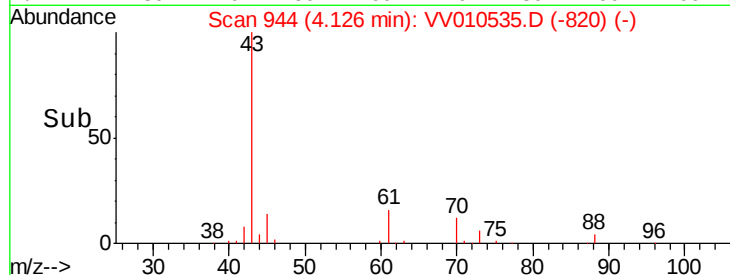
30000

20000

10000

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 6.512 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.00 min

Lab File: VV010535.D

Acq: 27 Apr 2019 07:44

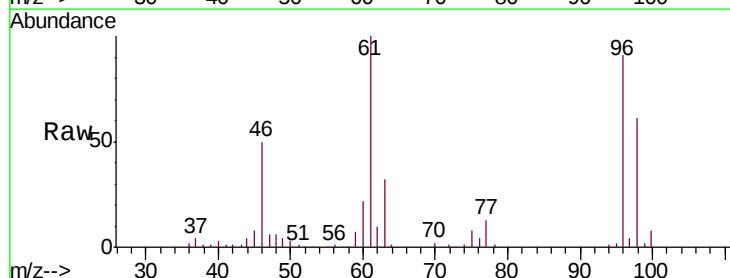
Tgt Ion: 96 Resp: 104555

Ion Ratio Lower Upper

96 100

61 109.4 79.9 148.3

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV010517.D (-875) (-)

Ion 61.05 (60.75 to 61.75): VV010517.D (-875) (-)

Ion 68.15 (67.85 to 68.85): VV010517.D (-875) (-)

3.96

60000

50000

40000

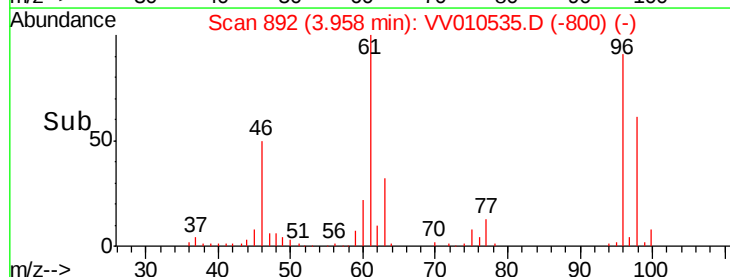
30000

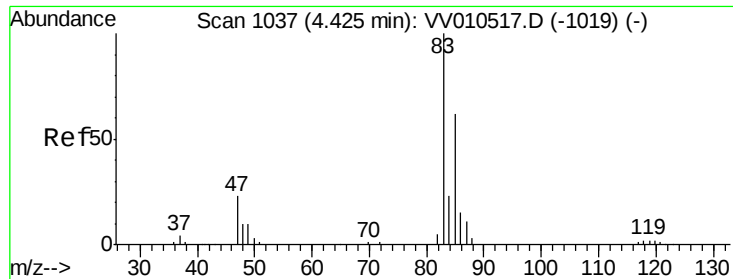
20000

10000

0

Time-->

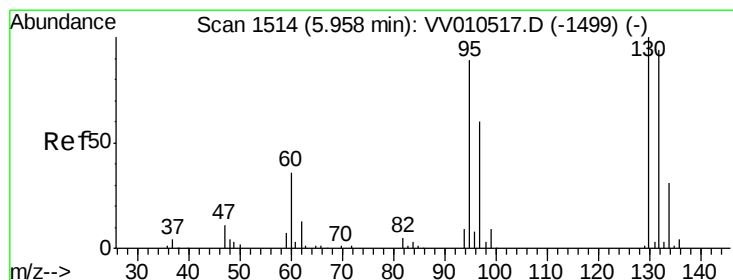
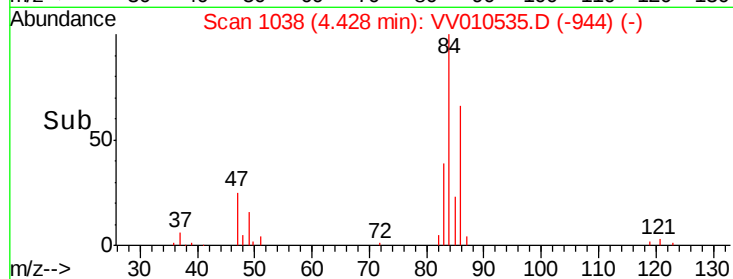
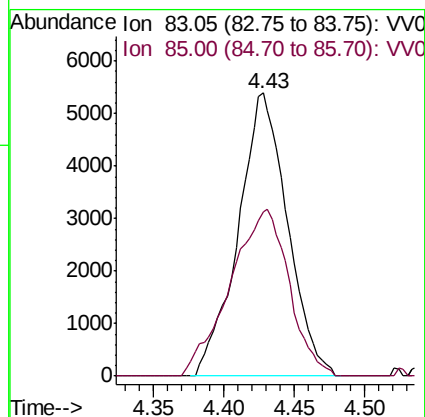
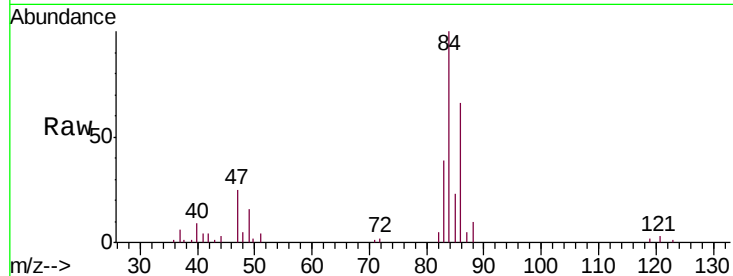




#25
Chloroform
Concen: 0.473 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010535.D
Acq: 27 Apr 2019 07:44

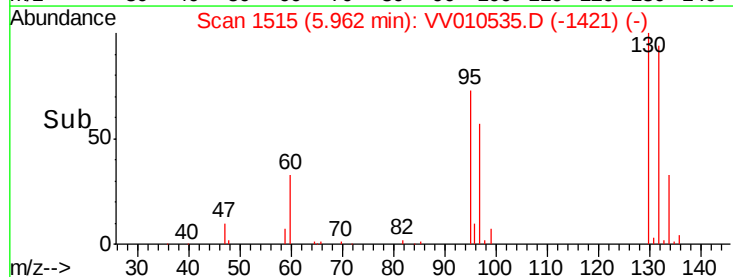
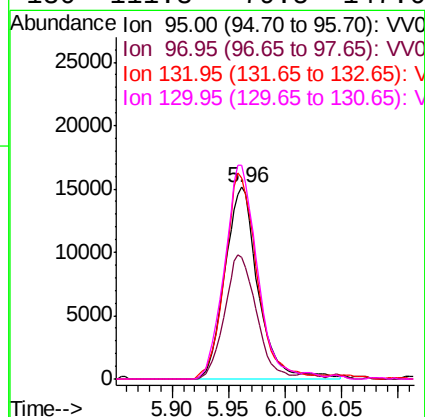
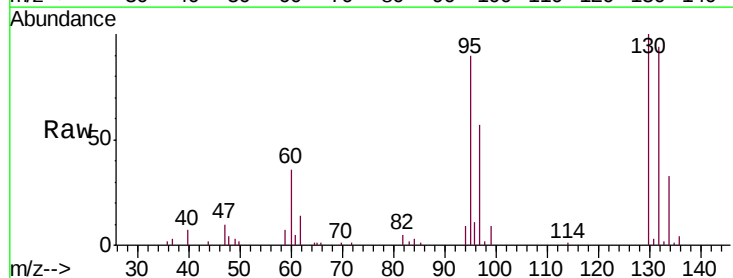
Instrument :
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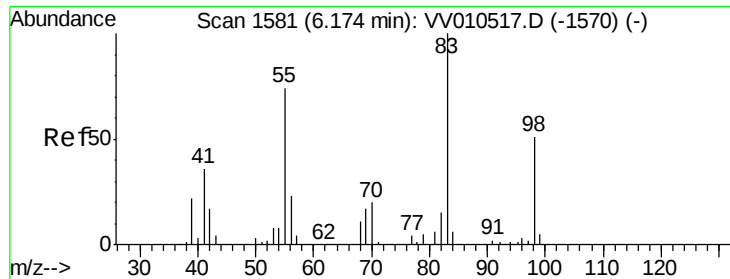
Tgt Ion: 83 Resp: 13155
Ion Ratio Lower Upper
83 100
85 58.1 43.6 81.0



#34
Trichloroethene
Concen: 1.880 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010535.D
Acq: 27 Apr 2019 07:44

Tgt Ion: 95 Resp: 30844
Ion Ratio Lower Upper
95 100
97 63.4 43.3 80.5
132 104.5 74.1 137.5
130 111.3 79.5 147.6

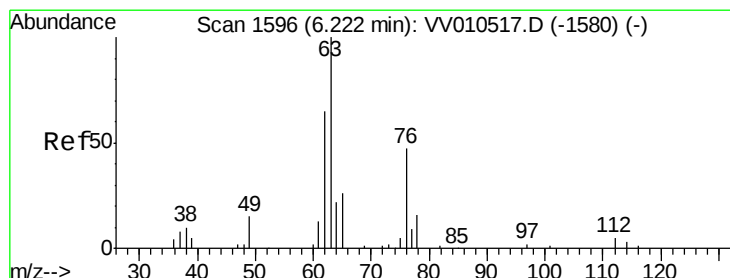
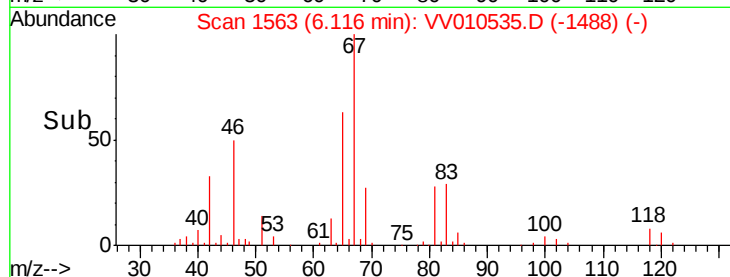
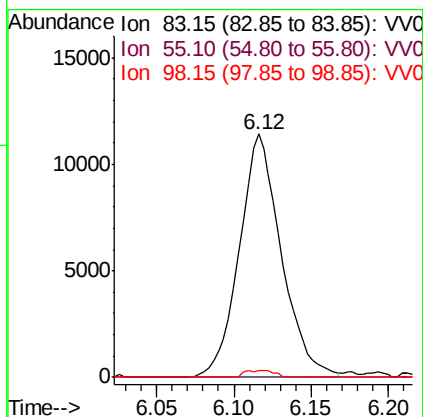
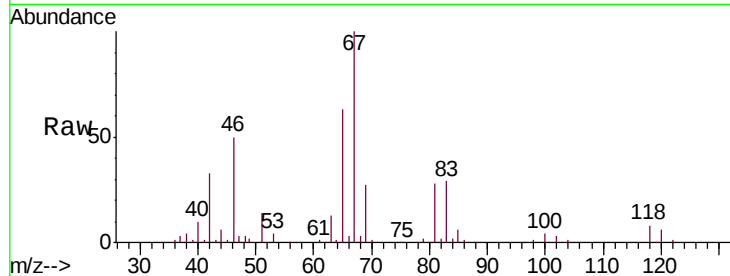




#35
Methylcyclohexane
Concen: 1.011 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010535.D
Acq: 27 Apr 2019 07:44

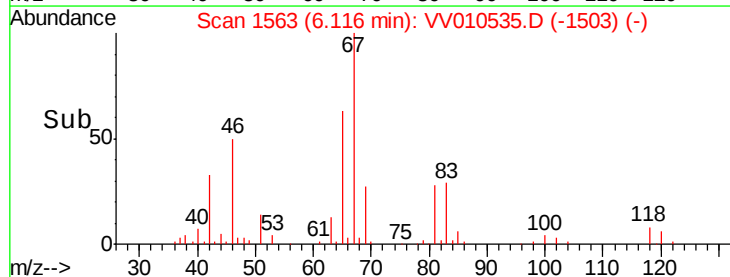
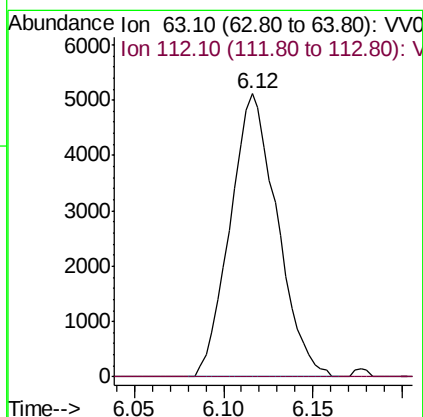
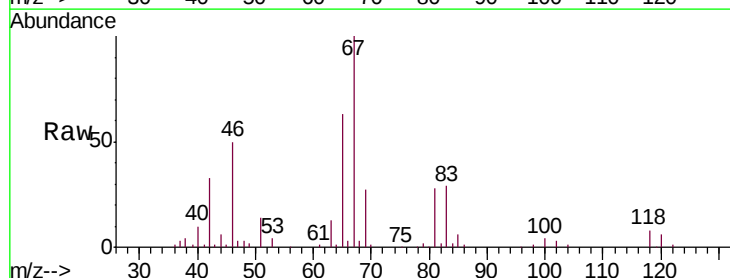
Instrument :
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ClientSampleId :
C0X55

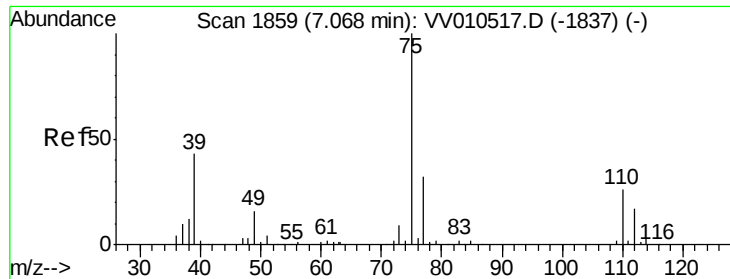
Tgt Ion: 83 Resp: 21525
Ion Ratio Lower Upper
83 100
55 0.0 58.0 87.0#
98 1.2 40.4 60.6#



#37
1,2-Dichloropropane
Concen: 0.721 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV010535.D
Acq: 27 Apr 2019 07:44

Tgt Ion: 63 Resp: 9374
Ion Ratio Lower Upper
63 100
112 0.3 3.7 5.5#

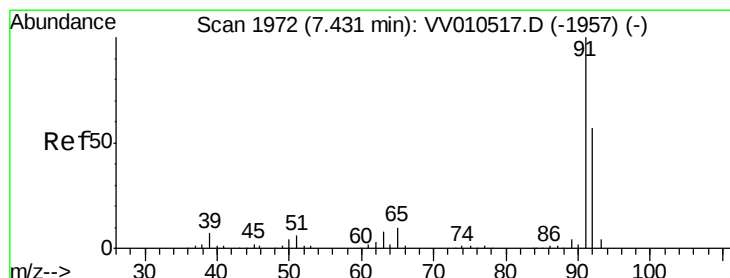
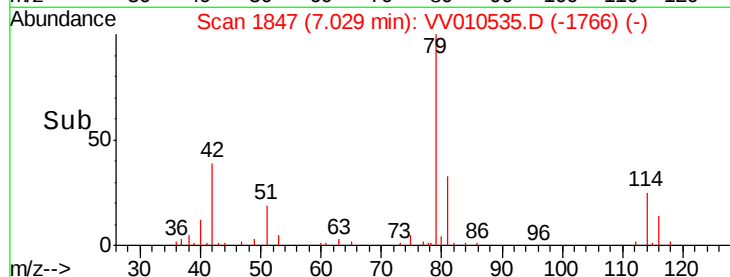
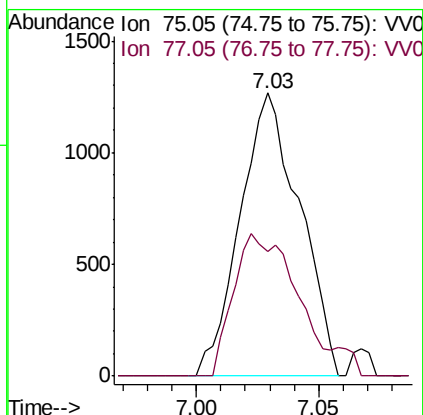
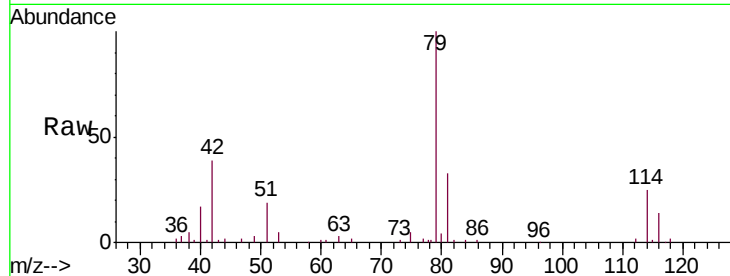




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010535.D
 Acq: 27 Apr 2019 07:44

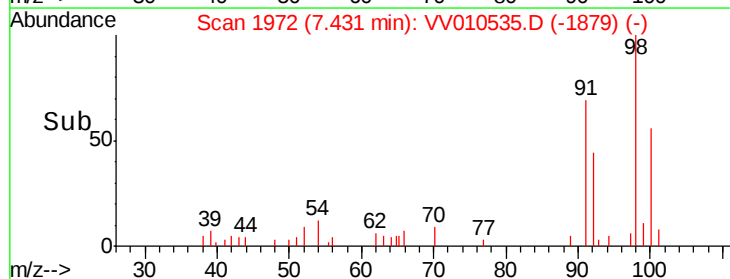
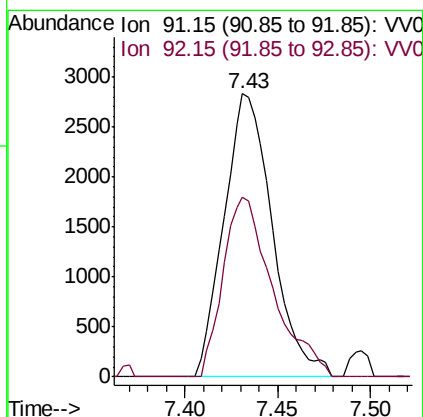
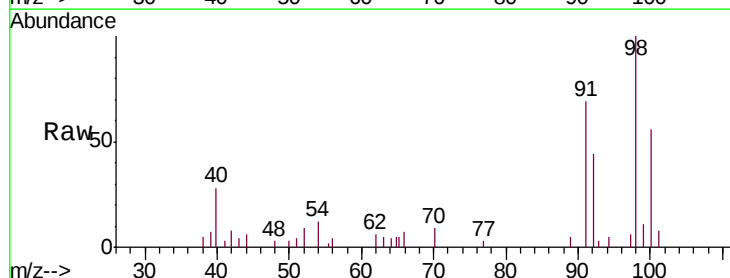
Instrument :
 MSVOA_V
 ClientSampled :
 C0X55

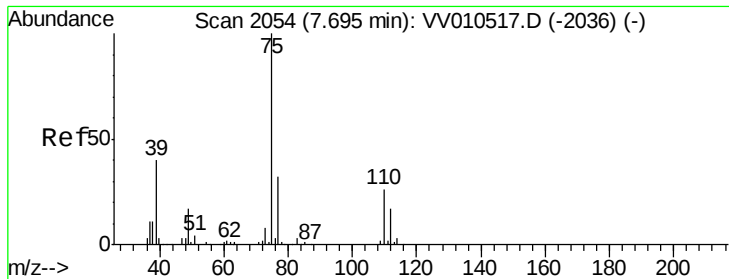
Tgt Ion: 75 Resp: 2147
 Ion Ratio Lower Upper
 75 100
 77 44.0 21.6 40.0#



#42
 Toluene
 Concen: 0.083 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV010535.D
 Acq: 27 Apr 2019 07:44

Tgt Ion: 91 Resp: 5112
 Ion Ratio Lower Upper
 91 100
 92 63.5 41.1 76.3





#44

trans-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.04 min

Lab File: VV010535.D

Acq: 27 Apr 2019 07:44

Instrument :

MSVOA_V

ClientSampleId :

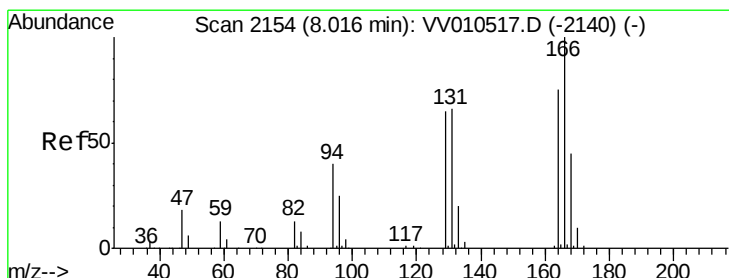
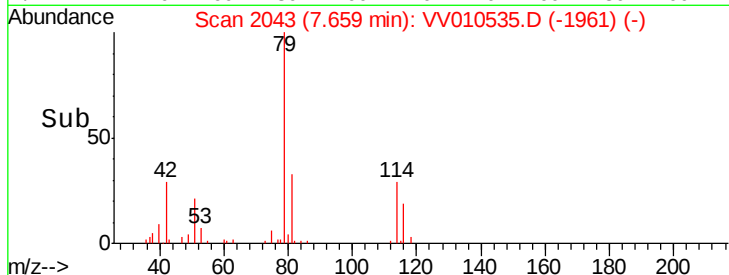
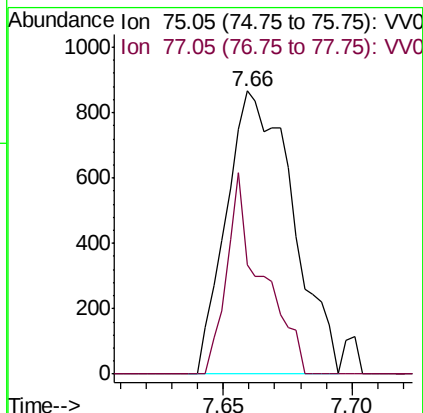
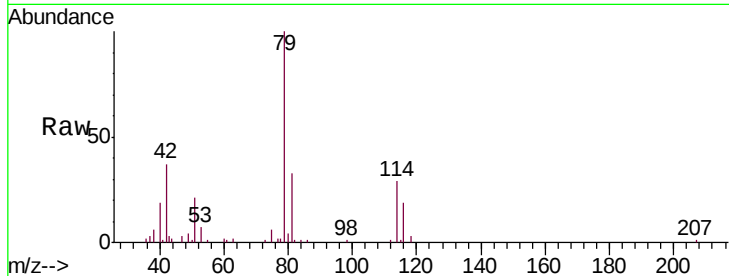
C0X55

Tgt Ion: 75 Resp: 1547

Ion Ratio Lower Upper

75 100

77 38.8 23.0 42.6



#47

Tetrachloroethene

Concen: 0.821 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010535.D

Acq: 27 Apr 2019 07:44

Tgt Ion: 164 Resp: 12593

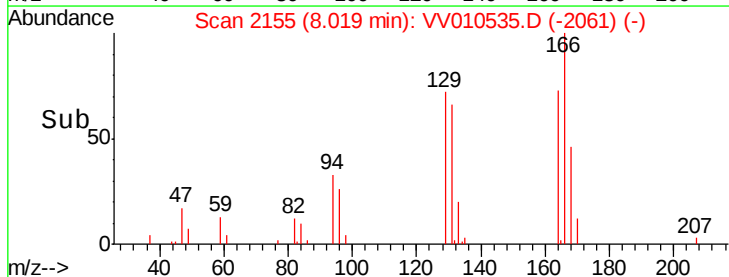
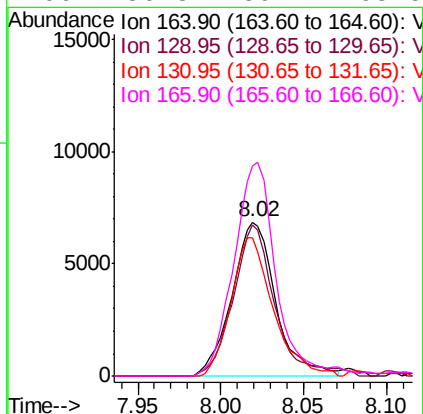
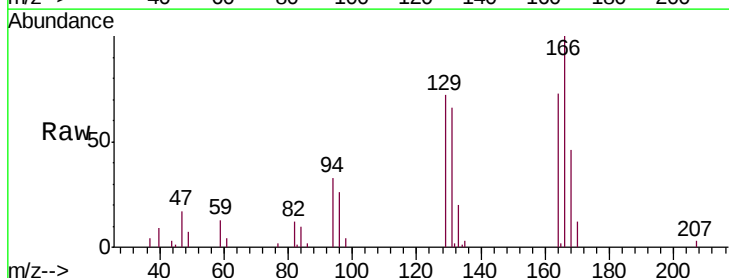
Ion Ratio Lower Upper

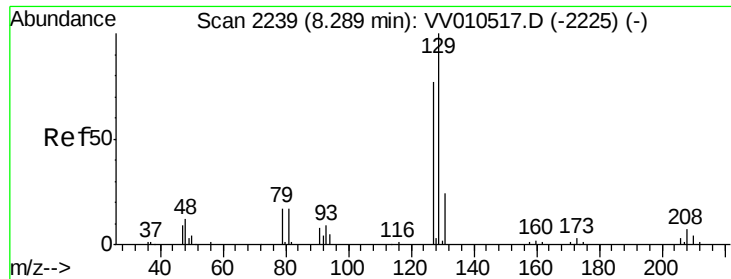
164 100

129 98.6 62.2 115.4

131 90.2 61.5 114.1

166 136.8 89.1 165.5

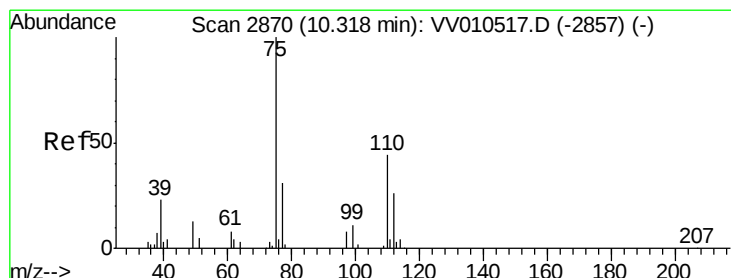
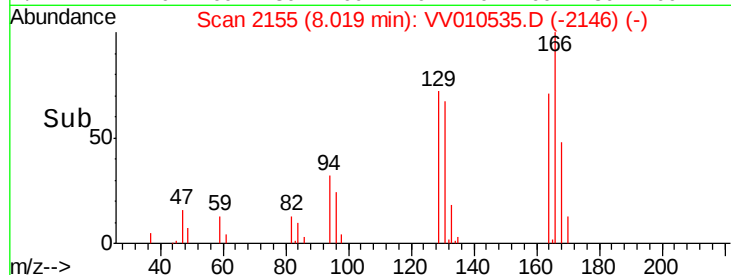
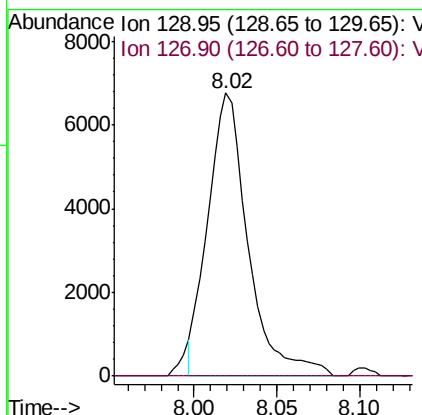
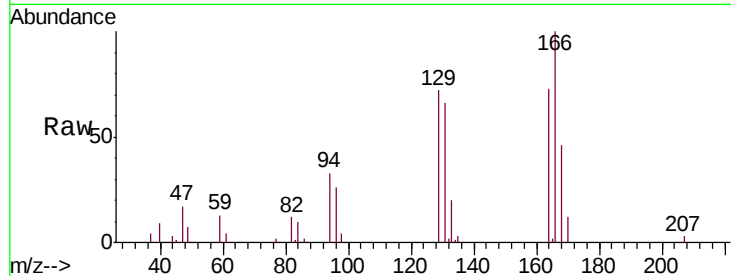




#49
 Dibromochloromethane
 Concen: 0.842 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.27 min
 Lab File: VV010535.D
 Acq: 27 Apr 2019 07:44

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X55

Tgt Ion: 129 Resp: 11415
 Ion Ratio Lower Upper
 129 100
 127 0.0 51.9 96.5#



#59
 1,2,3-Trichloropropane
 Concen: 0.264 ug/L
 RT: 10.05 min Scan# 2787
 Delta R.T. -0.27 min
 Lab File: VV010535.D
 Acq: 27 Apr 2019 07:44

Tgt Ion: 75 Resp: 2196
 Ion Ratio Lower Upper
 75 100
 77 1.0 26.9 40.3#

