

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\
 Data File : VV010522.D
 Acq On : 27 Apr 2019 02:14
 Operator : SY/MD
 Sample : K2592-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XG8

Quant Time: Apr 27 03:40:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 27 03:37:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	234882	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	235405	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107584	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57907	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.57	69	39178	6.41	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.20%
11) 1,1-Dichloroethene-d2	2.13	63	82425	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.94	46	147028	49.90	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.80%
24) Chloroform-d	4.40	84	150773	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	72817	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.10	84	298682	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.12	67	84076	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	270022	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.66	79	29938	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.13	63	128582	48.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	61167	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	120510	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

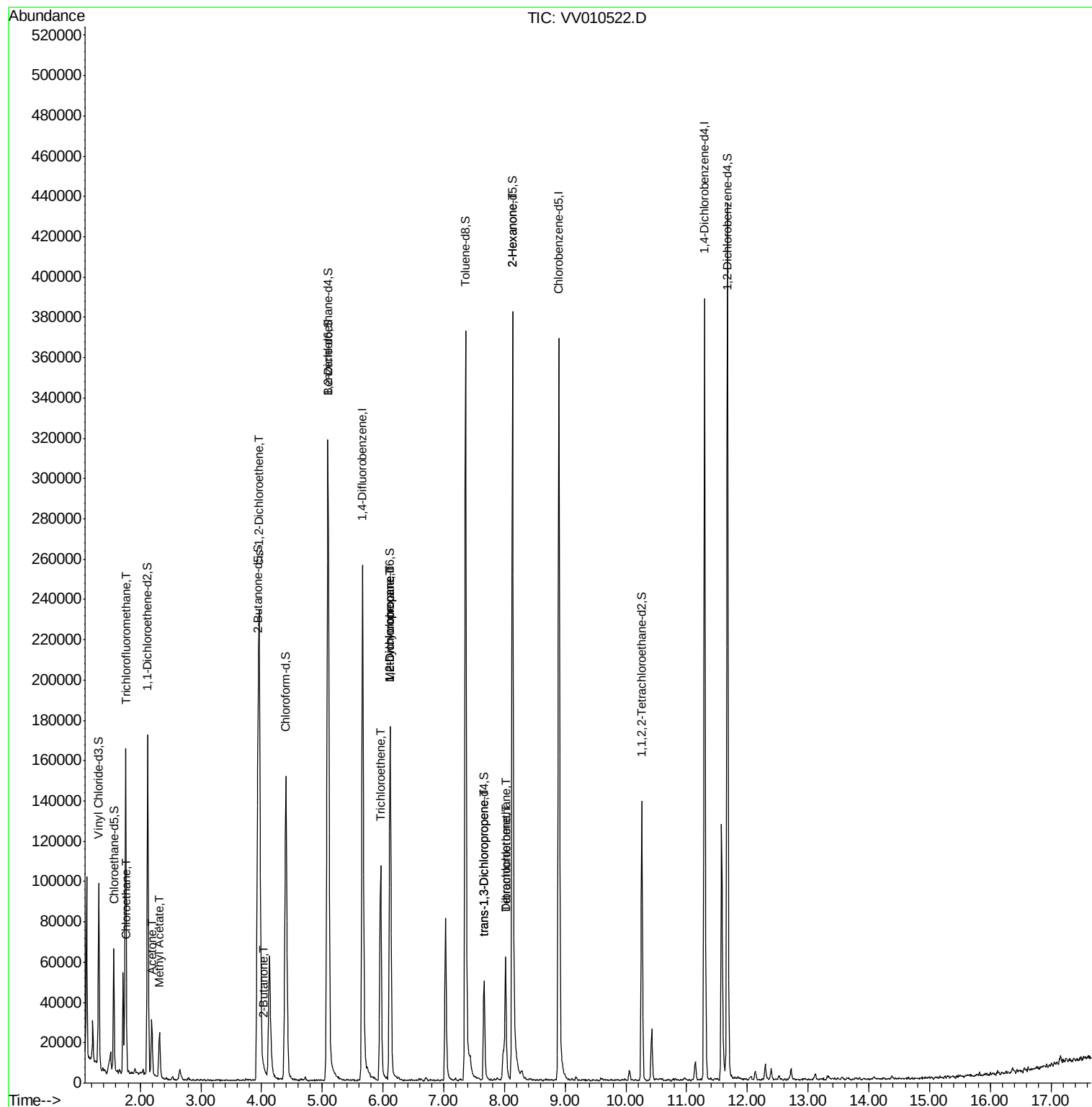
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Chloroethane	1.78	64	466	0.088	ug/L	96
9) Trichlorofluoromethane	1.76	101	90578	3.534	ug/L	97
13) Acetone	2.19	43	27104	18.465	ug/L	98
15) Methyl Acetate	2.32	43	6234	1.280	ug/L #	46
21) 2-Butanone	4.04	43	4609	1.519	ug/L	90
22) cis-1,2-Dichloroethene	3.96	96	114435	6.543	ug/L	98
34) Trichloroethene	5.96	95	36494	2.059	ug/L	98
35) Methylcyclohexane	6.12	83	21592	0.939	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9593	0.683	ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	1418	0.089	ug/L #	53
47) Tetrachloroethene	8.02	164	14501	0.876	ug/L	97
48) 2-Hexanone	8.13	43	15672	3.016	ug/L #	69
49) Dibromochloromethane	8.02	129	11470	0.784	ug/L #	12

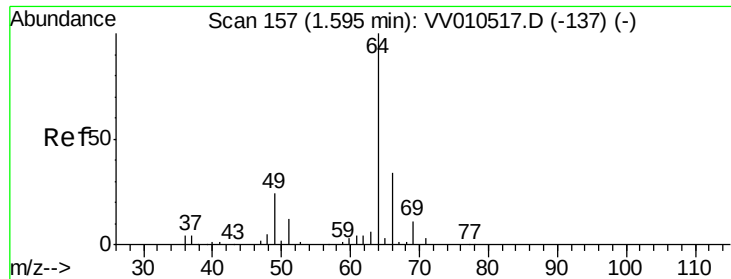
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 27 03:37:03 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.088 ug/L

RT: 1.78 min Scan# 216

Delta R.T. 0.19 min

Lab File: VV010522.D

Acq: 27 Apr 2019 02:14

Instrument :

MSVOA_V

ClientSampled :

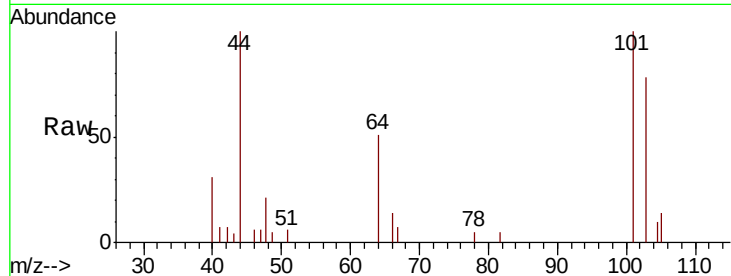
C0XG8

Tgt Ion: 64 Resp: 466

Ion Ratio Lower Upper

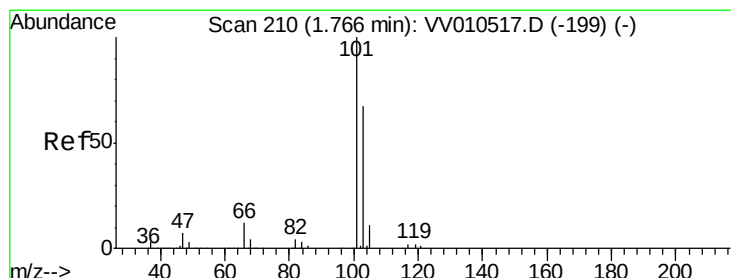
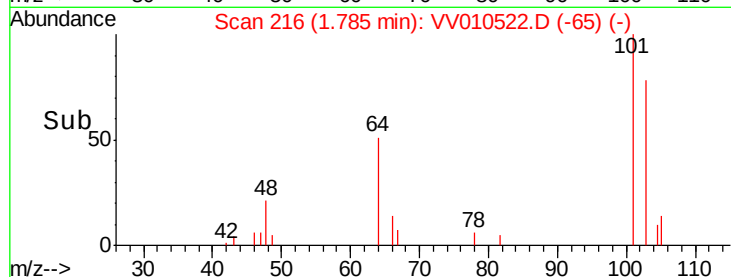
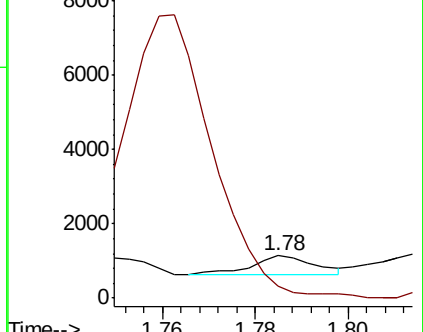
64 100

66 27.7 20.7 38.5



Abundance Ion 64.10 (63.80 to 64.80): VV010522.D (-137) (-)

Ion 66.05 (65.75 to 66.75): VV010522.D (-137) (-)



#9

Trichlorofluoromethane

Concen: 3.534 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV010522.D

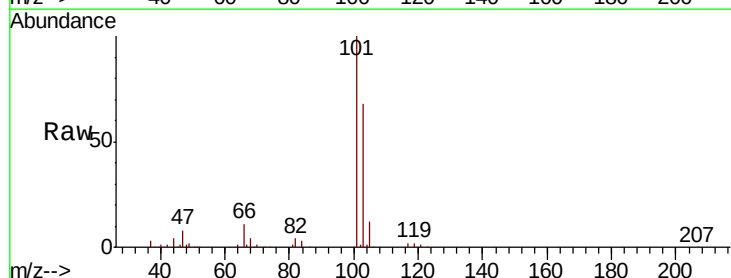
Acq: 27 Apr 2019 02:14

Tgt Ion: 101 Resp: 90578

Ion Ratio Lower Upper

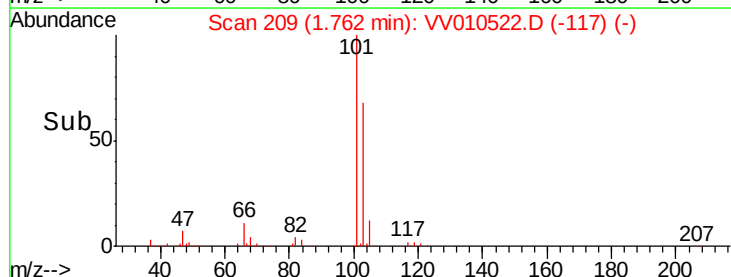
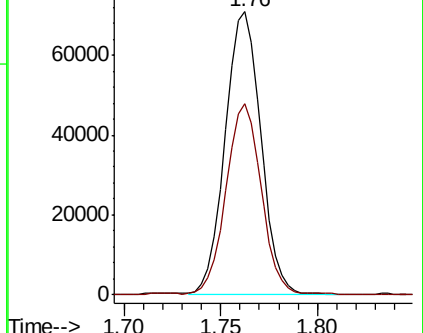
101 100

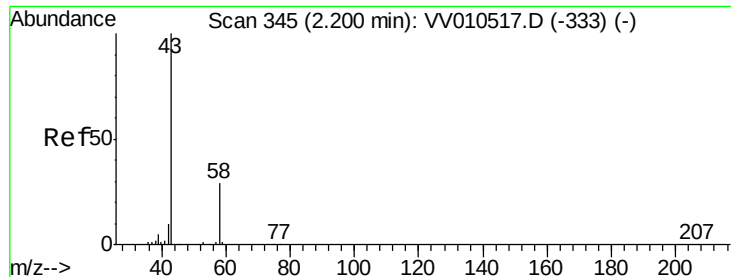
103 65.6 50.5 75.7



Abundance Ion 101.00 (100.70 to 101.70): VV010522.D (-199) (-)

Ion 103.00 (102.70 to 103.70): VV010522.D (-199) (-)





#13

Acetone

Concen: 18.465 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

Lab File: VV010522.D

Acq: 27 Apr 2019 02:14

Instrument :

MSVOA_V

ClientSampleId :

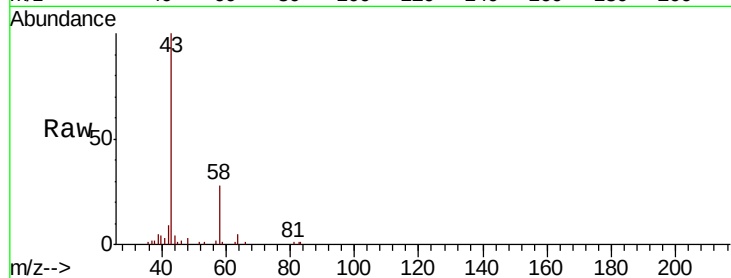
C0XG8

Tgt Ion: 43 Resp: 27104

Ion Ratio Lower Upper

43 100

58 27.9 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

20000

15000

10000

5000

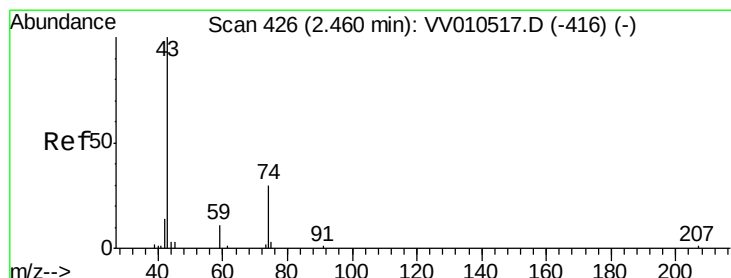
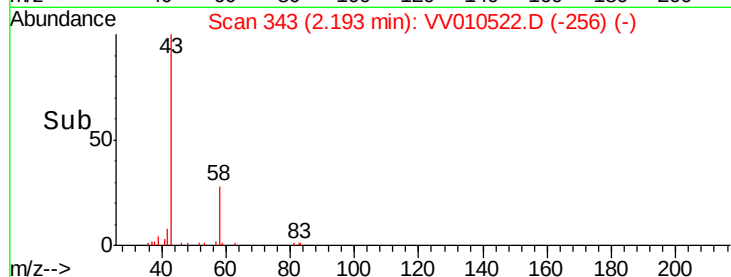
0

Time-->

2.15

2.20

2.25



#15

Methyl Acetate

Concen: 1.280 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.15 min

Lab File: VV010522.D

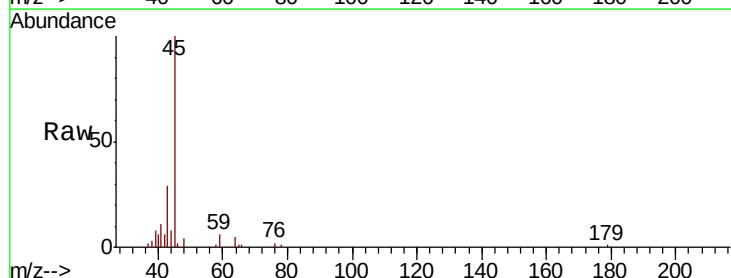
Acq: 27 Apr 2019 02:14

Tgt Ion: 43 Resp: 6234

Ion Ratio Lower Upper

43 100

74 0.7 24.2 36.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.32

4000

3000

2000

1000

0

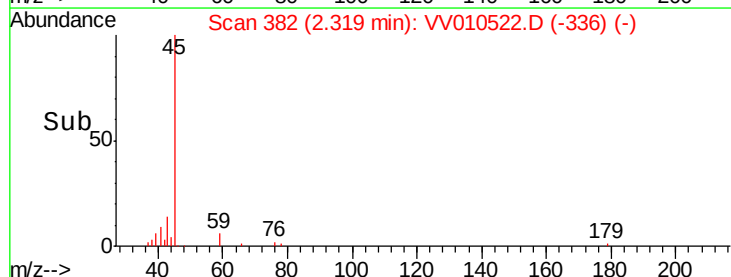
Time-->

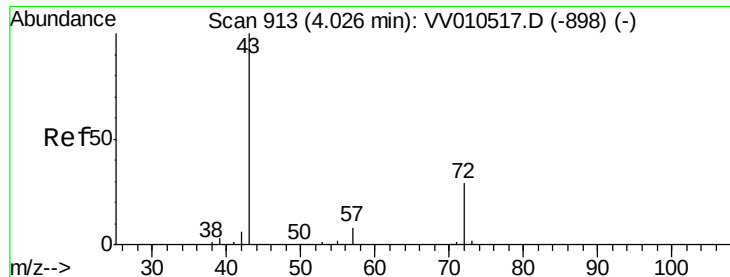
2.25

2.30

2.35

2.40





#21

2-Butanone

Concen: 1.519 ug/L

RT: 4.04 min Scan# 916

Delta R.T. -0.00 min

Lab File: VV010522.D

Acq: 27 Apr 2019 02:14

Instrument :

MSVOA_V

ClientSampleId :

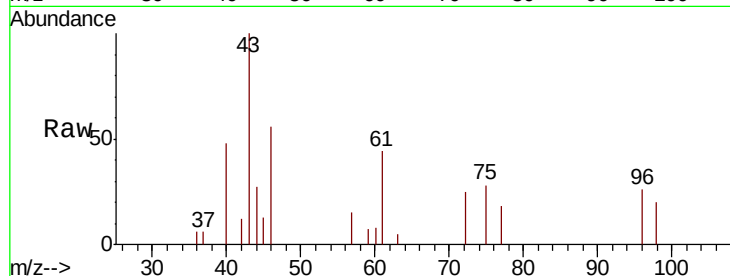
C0XG8

Tgt Ion: 43 Resp: 4609

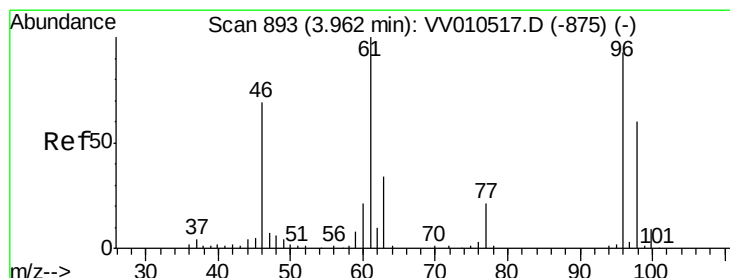
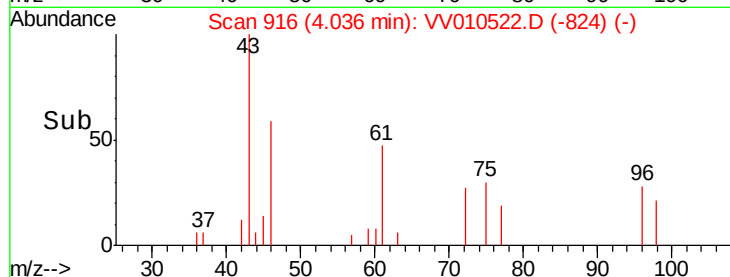
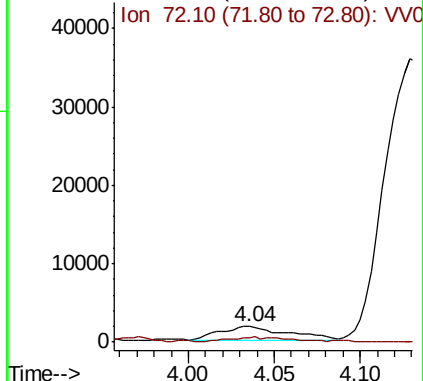
Ion Ratio Lower Upper

43 100

72 34.5 14.6 43.8



Abundance Ion 43.05 (42.75 to 43.75): VV010522.D (-824) (-)



#22

cis-1,2-Dichloroethene

Concen: 6.543 ug/L

RT: 3.96 min Scan# 893

Delta R.T. -0.00 min

Lab File: VV010522.D

Acq: 27 Apr 2019 02:14

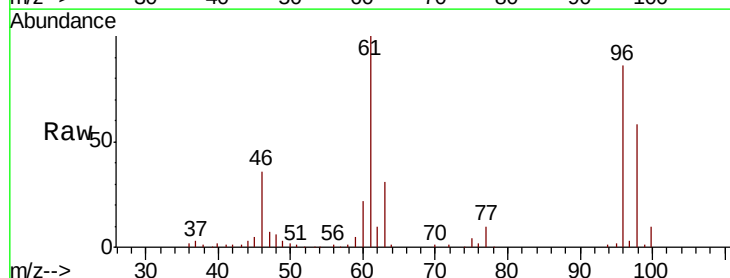
Tgt Ion: 96 Resp: 114435

Ion Ratio Lower Upper

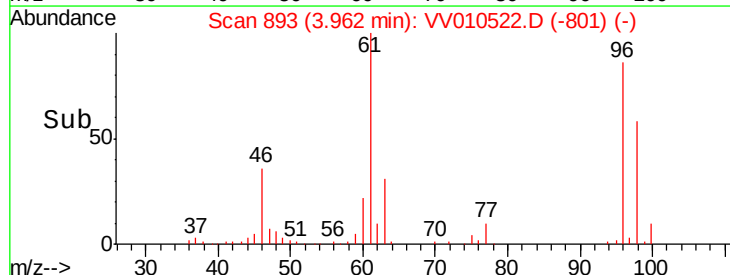
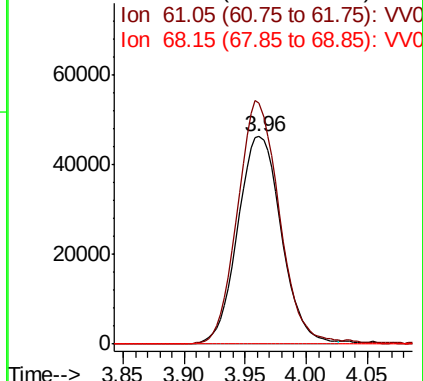
96 100

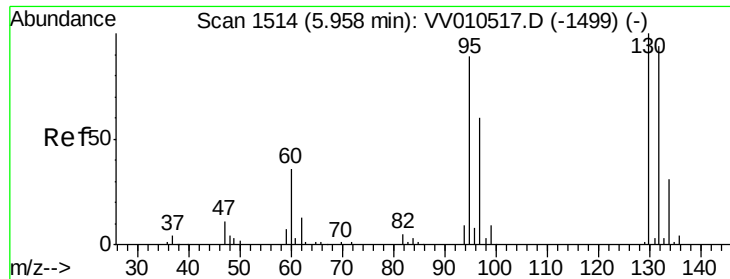
61 116.2 79.9 148.3

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV010522.D (-801) (-)





#34

Trichloroethene

Concen: 2.059 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV010522.D

Acq: 27 Apr 2019 02:14

Instrument :

MSVOA_V

ClientSampleId :

C0XG8

Tgt Ion: 95 Resp: 36494

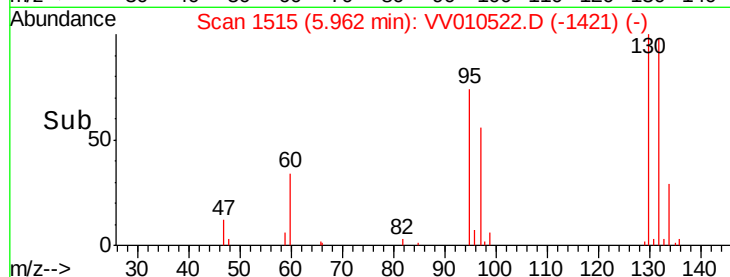
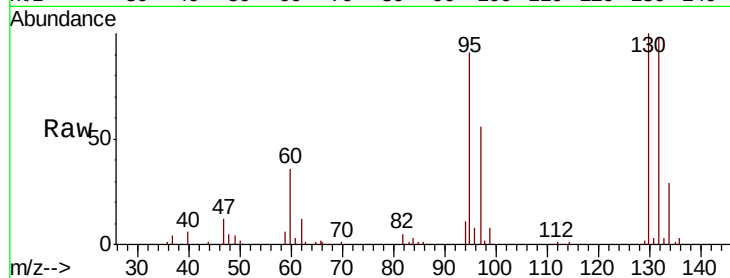
Ion Ratio Lower Upper

95 100

97 62.2 43.3 80.5

132 107.5 74.1 137.5

130 110.1 79.5 147.6

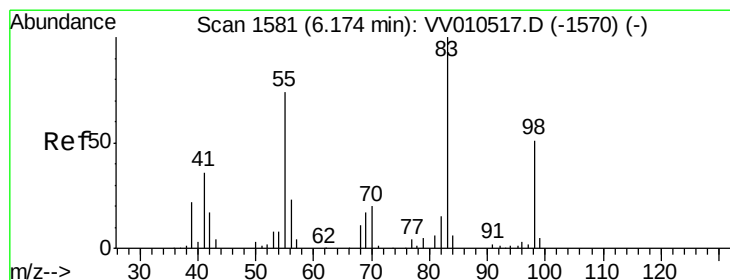
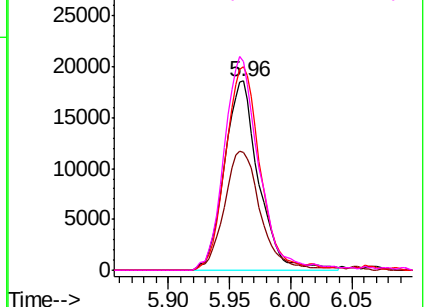


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.939 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV010522.D

Acq: 27 Apr 2019 02:14

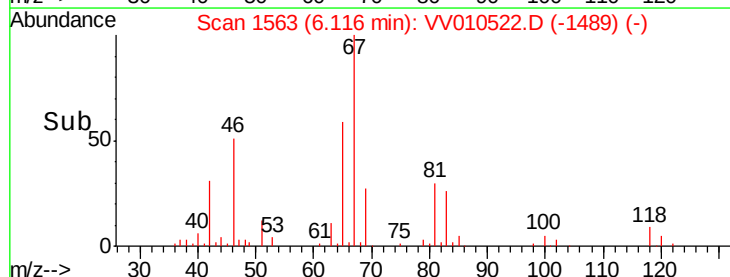
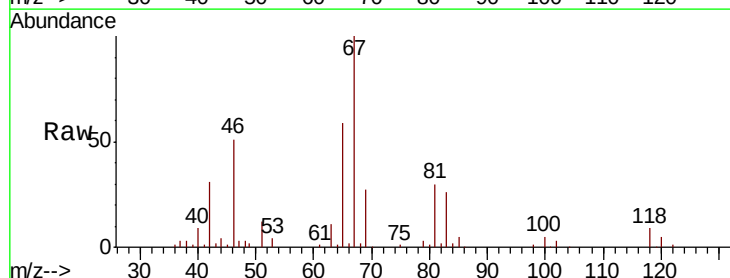
Tgt Ion: 83 Resp: 21592

Ion Ratio Lower Upper

83 100

55 0.3 58.0 87.0#

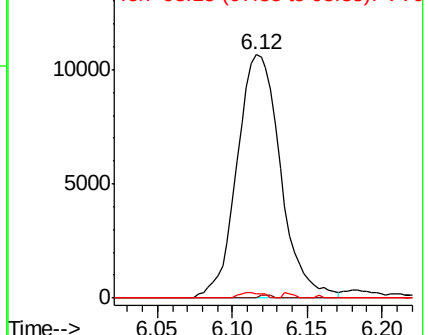
98 1.3 40.4 60.6#

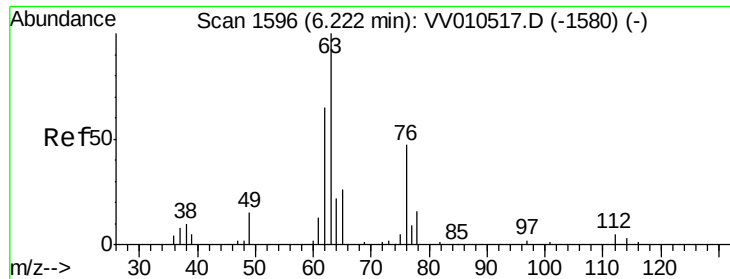


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

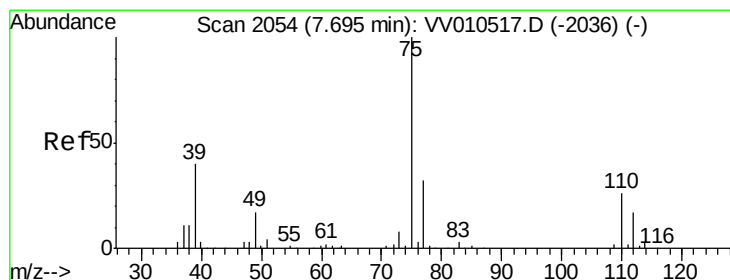
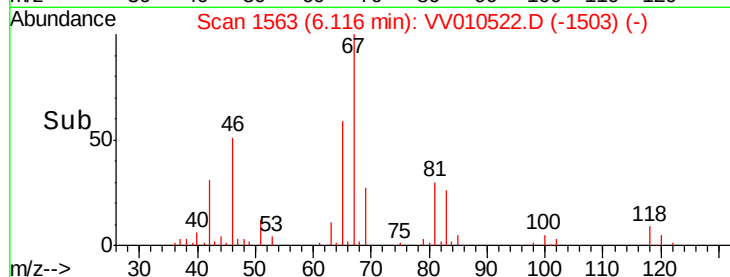
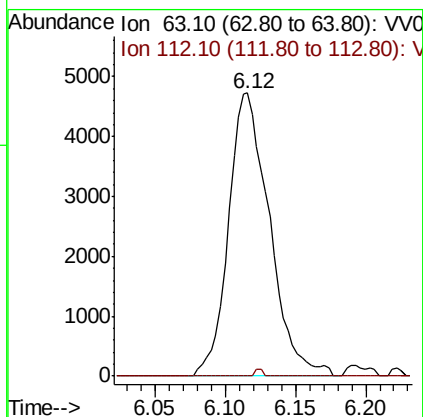
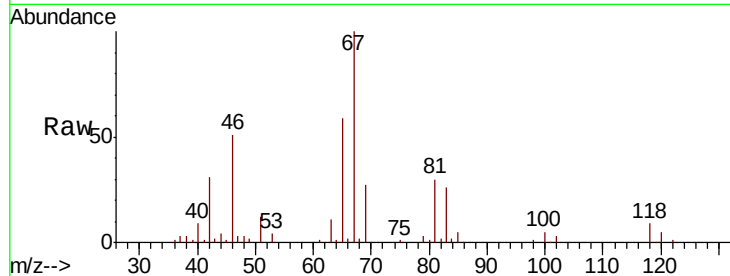




#37
 1,2-Dichloropropane
 Concen: 0.683 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV010522.D
 Acq: 27 Apr 2019 02:14

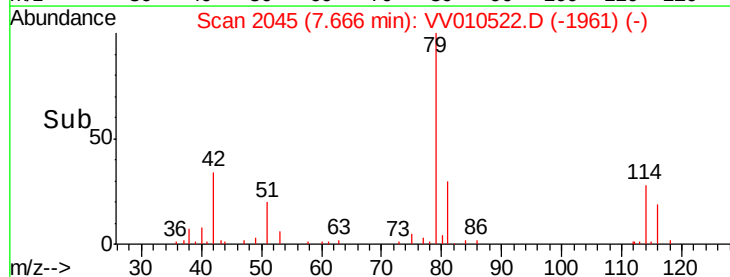
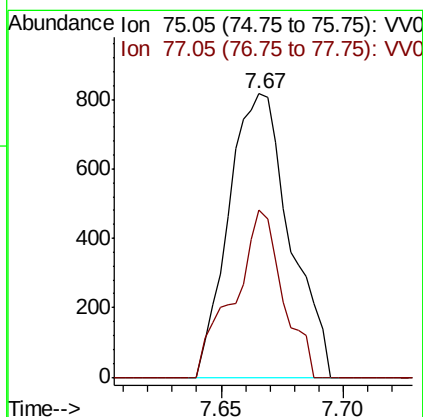
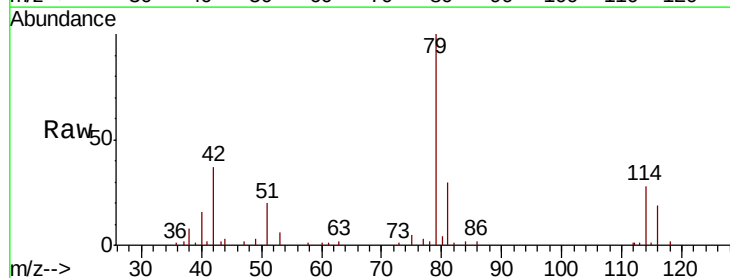
Instrument :
 MSVOA_V
 ClientSampled :
 C0XG8

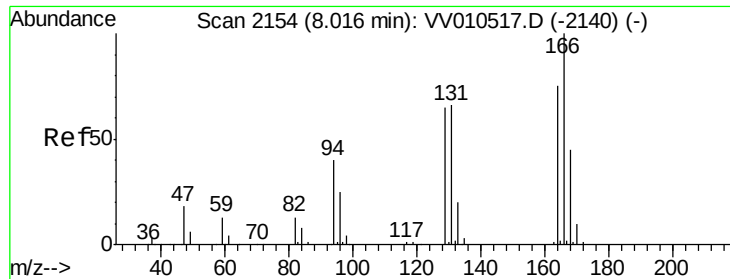
Tgt Ion: 63 Resp: 9593
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV010522.D
 Acq: 27 Apr 2019 02:14

Tgt Ion: 75 Resp: 1418
 Ion Ratio Lower Upper
 75 100
 77 59.2 23.0 42.6#

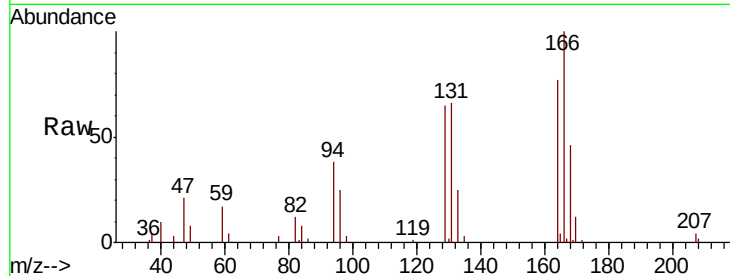




#47
Tetrachloroethene
Concen: 0.876 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV010522.D
Acq: 27 Apr 2019 02:14

Instrument :
MSVOA_V
ClientSampleId :
C0XG8

Tgt Ion:	164	Resp:	14501
Ion	Ratio	Lower	Upper
164	100		
129	84.3	62.2	115.4
131	86.0	61.5	114.1
166	129.6	89.1	165.5



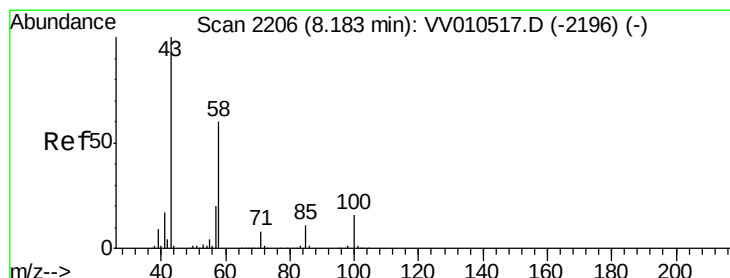
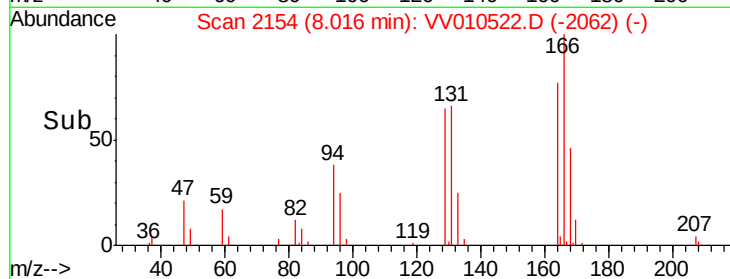
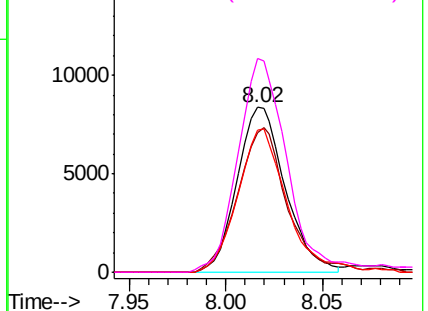
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

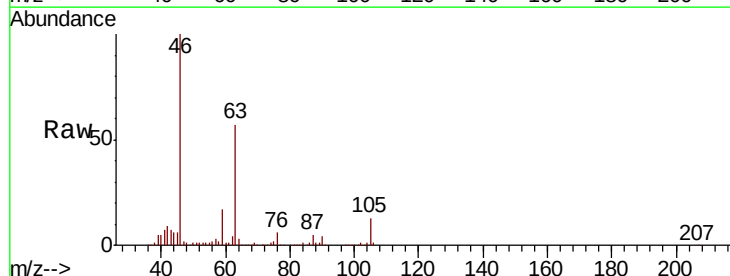
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48
2-Hexanone
Concen: 3.016 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.06 min
Lab File: VV010522.D
Acq: 27 Apr 2019 02:14

Tgt Ion:	43	Resp:	15672
Ion	Ratio	Lower	Upper
43	100		
58	30.6	43.1	64.7#
57	34.3	16.3	24.5#
100	3.0	11.8	17.8#



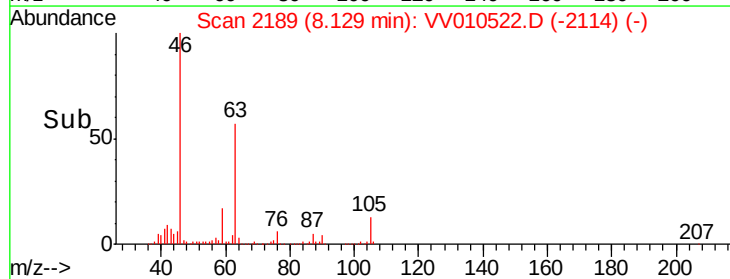
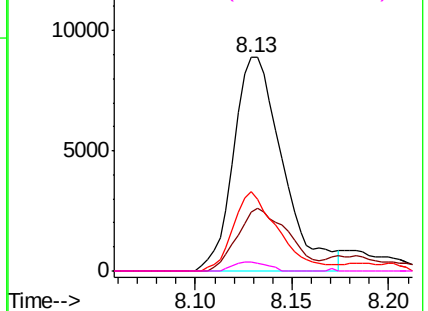
Abundance

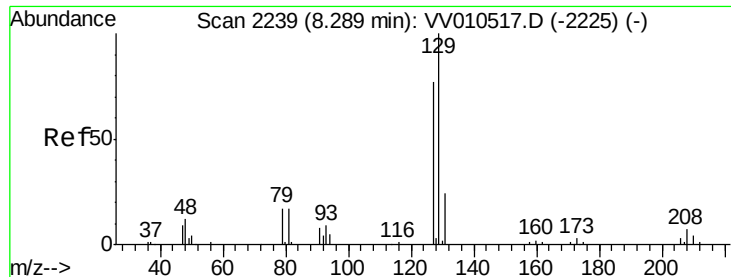
Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 0.784 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV010522.D

Acq: 27 Apr 2019 02:14

Instrument :

MSVOA_V

ClientSampleId :

C0XG8

Tgt Ion:129 Resp: 11470

Ion Ratio Lower Upper

129 100

127 0.0 51.9 96.5#

