

Data File : VV010537.D
Acq On : 27 Apr 2019 08:34
Operator : SY/MD
Sample : K2586-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X57

Quant Time: Apr 29 02:02:30 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	5.67	114	238187	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	242947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110225	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52905	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.57	69	39412	6.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.20%
11) 1,1-Dichloroethene-d2	2.13	63	74381	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.94	46	128030	42.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.70%
24) Chloroform-d	4.40	84	136231	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.08	65	70145	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	291455	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.12	67	80756	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	268408	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	26610	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.13	63	128330	46.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	59446	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	119701	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

					Qvalue
8) Chloroethane	1.73	64	738	0.138	ug/L 94
9) Trichlorofluoromethane	1.76	101	1290355	49.650	ug/L 97
13) Acetone	2.19	43	26757	17.975	ug/L 93
15) Methyl Acetate	2.32	43	4350	0.881	ug/L # 44
21) 2-Butanone	4.04	43	3904	1.269	ug/L # 72
22) cis-1,2-Dichloroethene	3.96	96	4191	0.236	ug/L 85
25) Chloroform	4.43	83	19391	0.631	ug/L 98
31) Carbon tetrachloride	4.87	117	40289	1.481	ug/L 97
34) Trichloroethene	5.96	95	43241	2.364	ug/L 97
35) Methylcyclohexane	6.12	83	20133	0.848	ug/L # 19
37) 1,2-Dichloropropane	6.12	63	9302	0.642	ug/L # 86
39) cis-1,3-Dichloropropene	7.03	75	2005	0.096	ug/L # 65
45) 1,1,2-Trichloroethane	7.89	97	2432	0.198	ug/L 90
47) Tetrachloroethene	8.02	164	5919723	346.375	ug/L 99
49) Dibromochloromethane	8.02	129	5194814	343.896	ug/L # 12
51) Chlorobenzene	8.93	112	15840	0.327	ug/L 97
59) 1,2,3-Trichloropropane	10.06	75	1801	0.194	ug/L # 49

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

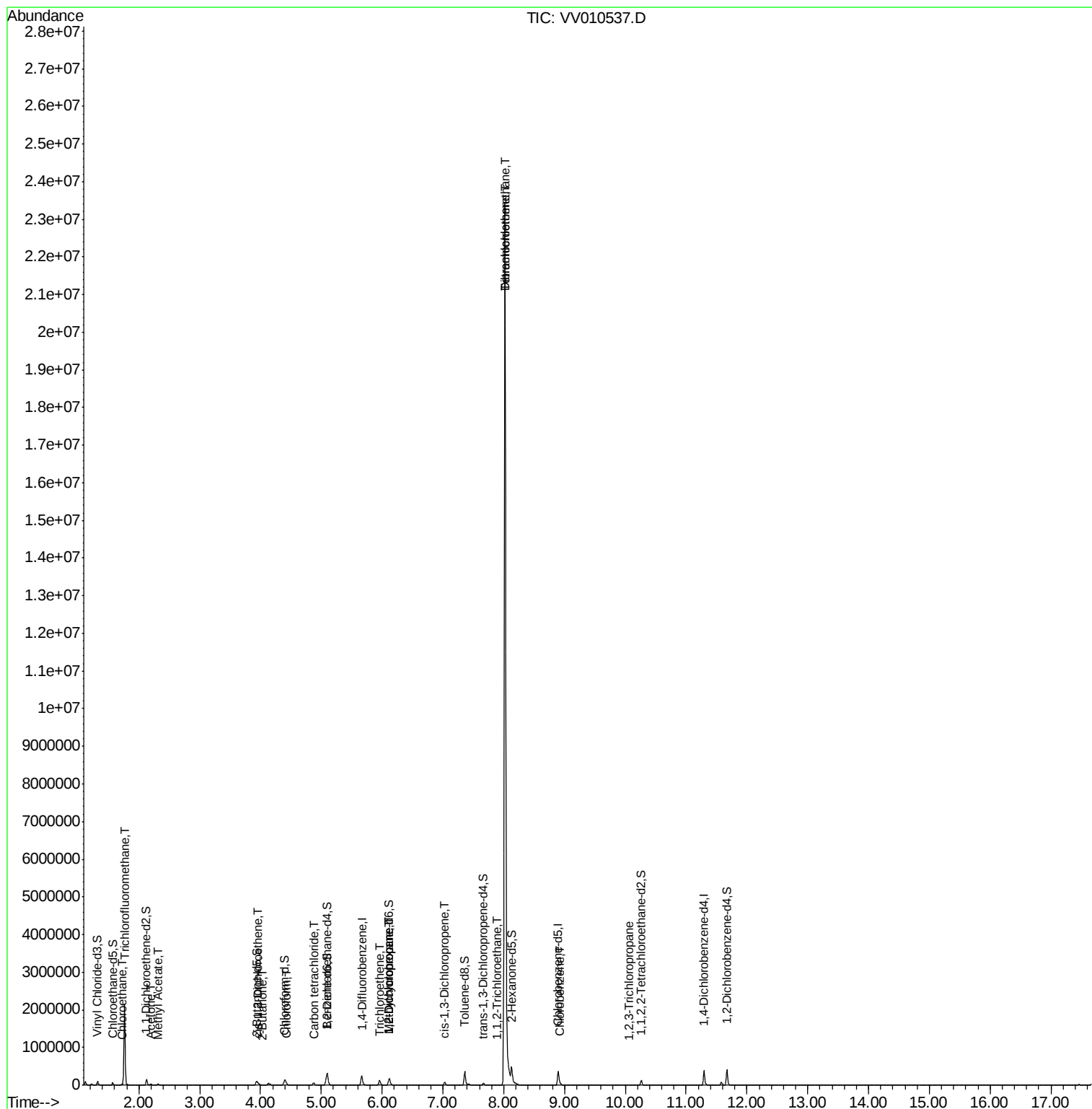
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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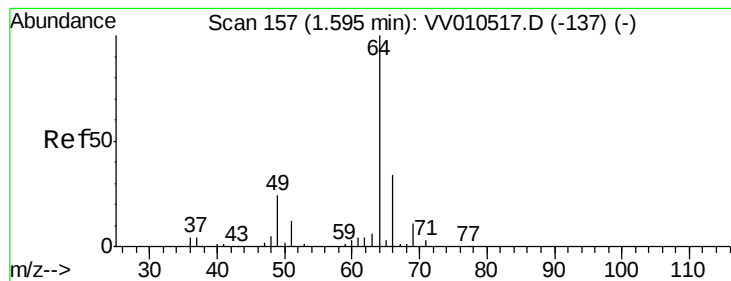
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.138 ug/L

RT: 1.73 min Scan# 198

Delta R.T. 0.13 min

Lab File: VV010537.D

Acq: 27 Apr 2019 08:34

Instrument :

MSVOA_V

ClientSampleId :

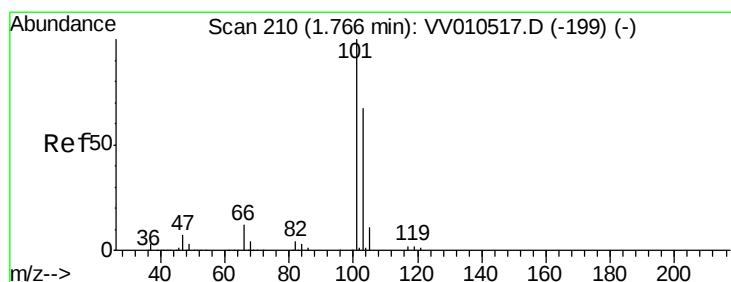
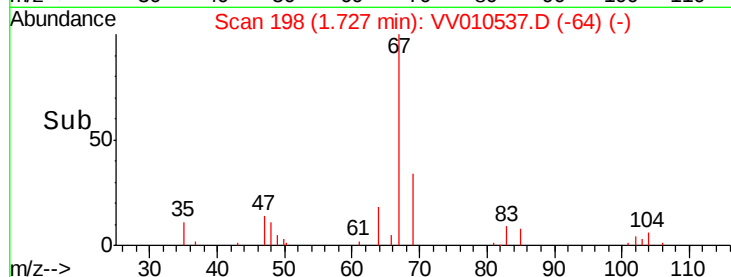
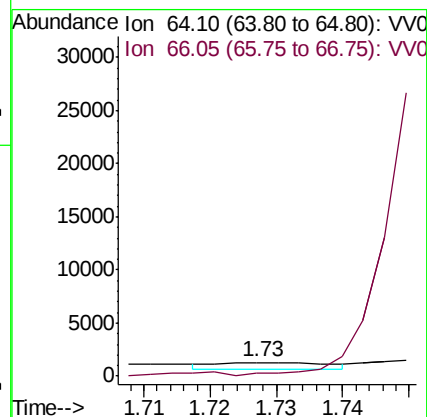
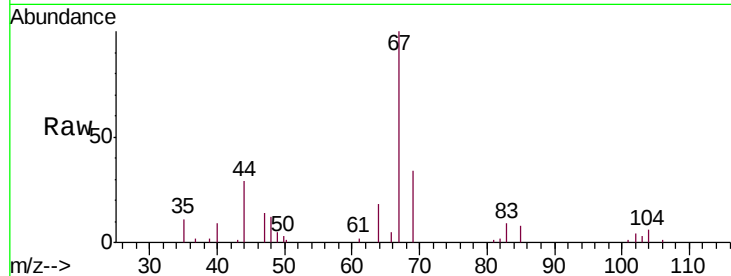
C0X57

Tgt Ion: 64 Resp: 738

Ion Ratio Lower Upper

64 100

66 26.6 20.7 38.5



#9

Trichlorofluoromethane

Concen: 49.650 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV010537.D

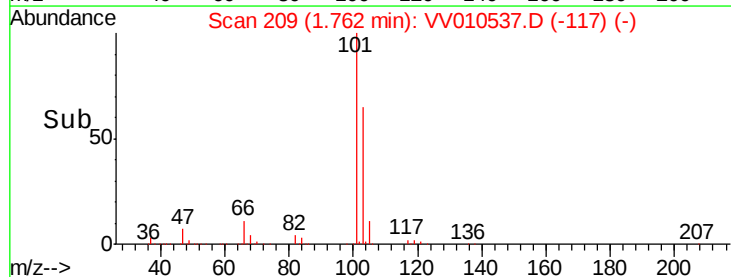
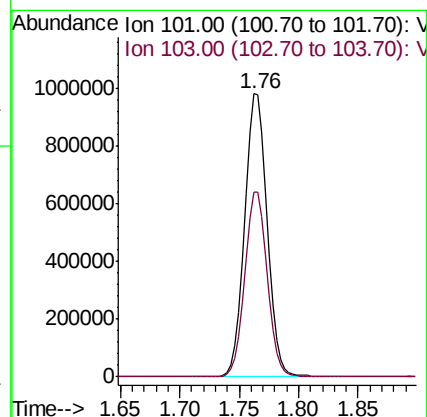
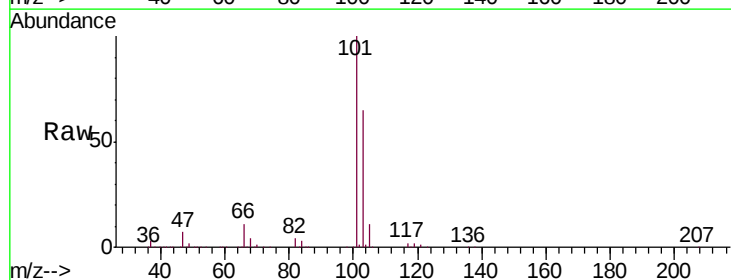
Acq: 27 Apr 2019 08:34

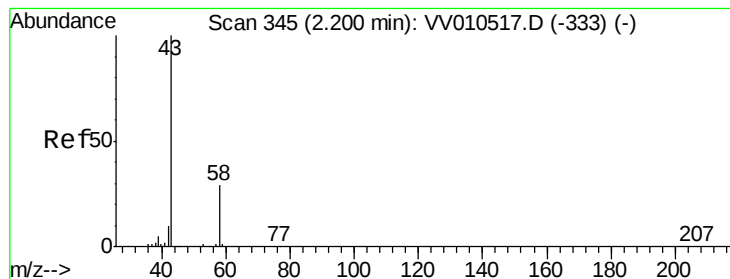
Tgt Ion: 101 Resp: 1290355

Ion Ratio Lower Upper

101 100

103 65.2 50.5 75.7





#13

Acetone

Concen: 17.975 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010537.D

Acq: 27 Apr 2019 08:34

Instrument :

MSVOA_V

ClientSampleId :

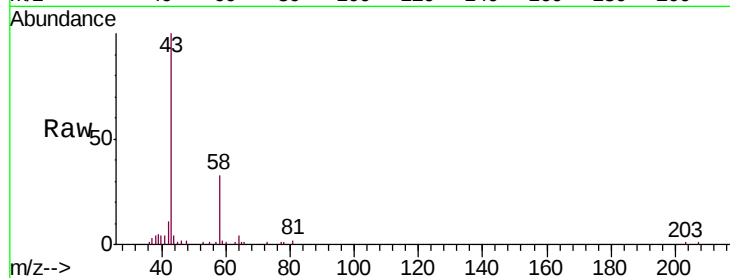
C0X57

Tgt Ion: 43 Resp: 26757

Ion Ratio Lower Upper

43 100

58 32.6 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

20000

15000

10000

5000

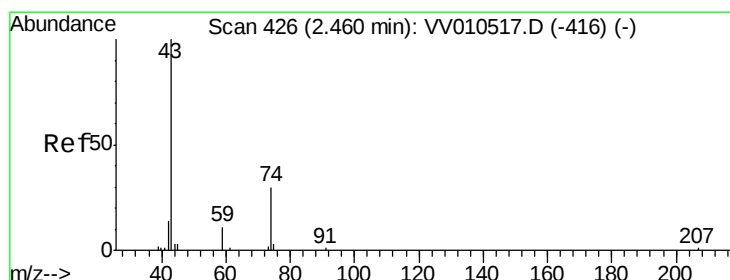
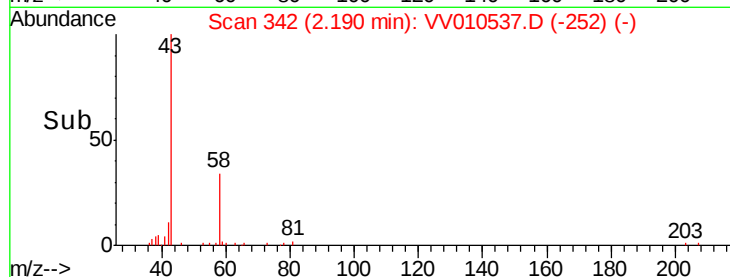
0

2.15

2.20

2.25

Time-->



#15

Methyl Acetate

Concen: 0.881 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.14 min

Lab File: VV010537.D

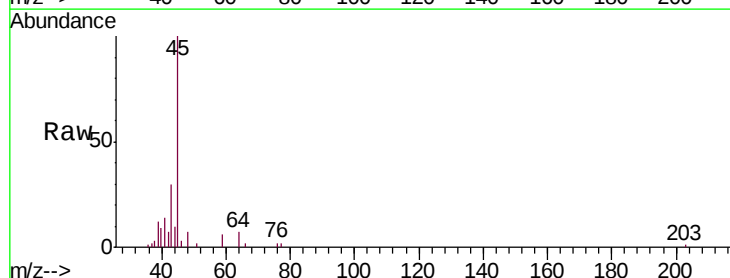
Acq: 27 Apr 2019 08:34

Tgt Ion: 43 Resp: 4350

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

2500

2000

1500

1000

500

0

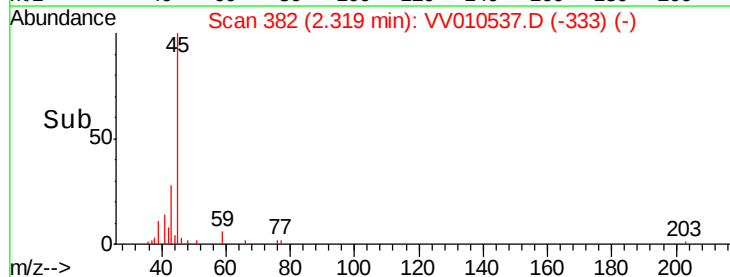
2.25

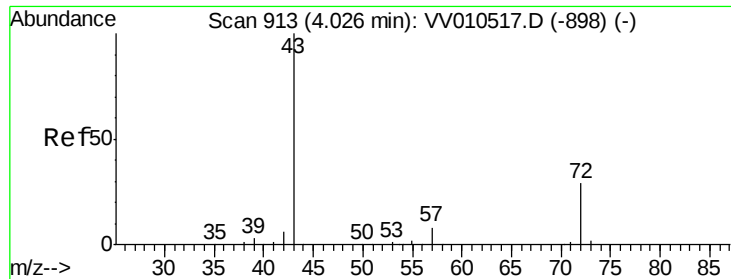
2.30

2.35

2.40

Time-->

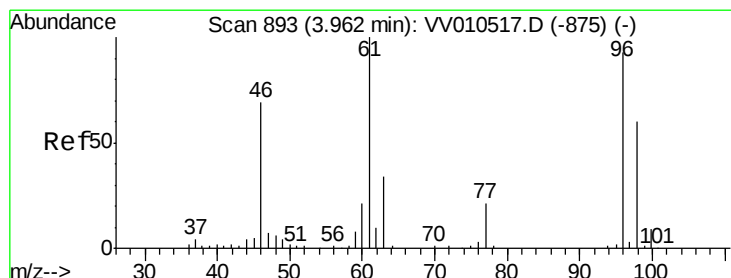
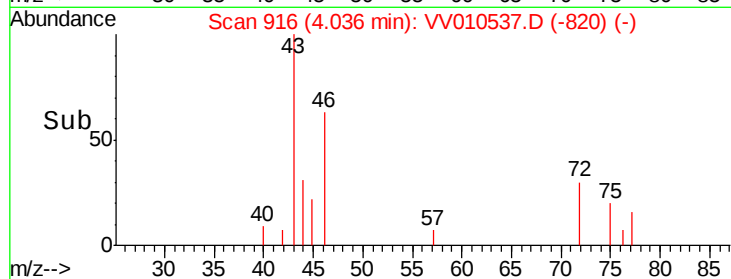
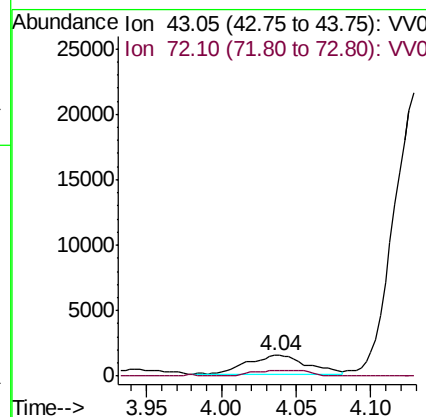
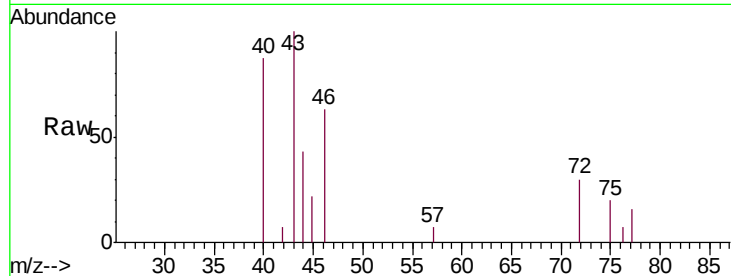




#21
2-Butanone
Concen: 1.269 ug/L
RT: 4.04 min Scan# 916
Delta R.T. 0.01 min
Lab File: VV010537.D
Acq: 27 Apr 2019 08:34

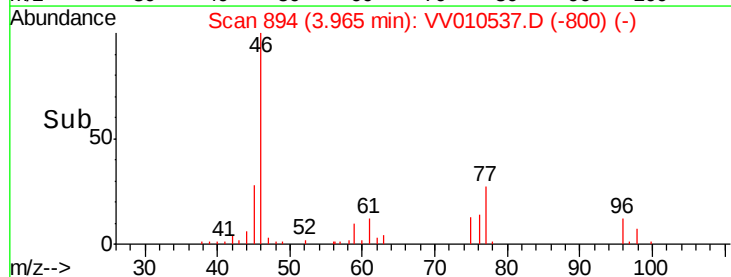
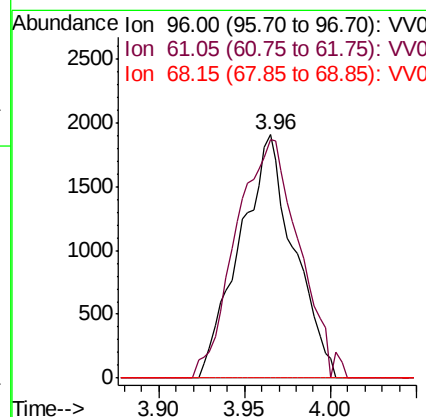
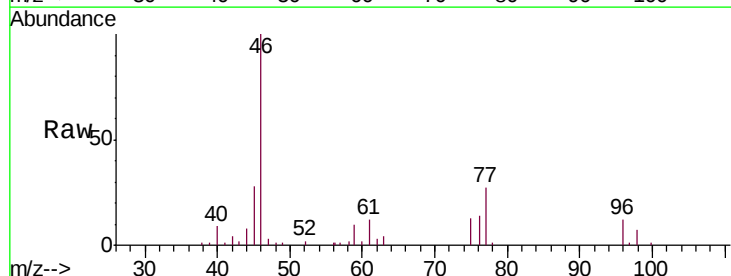
Instrument :
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ClientSampleId :
C0X57

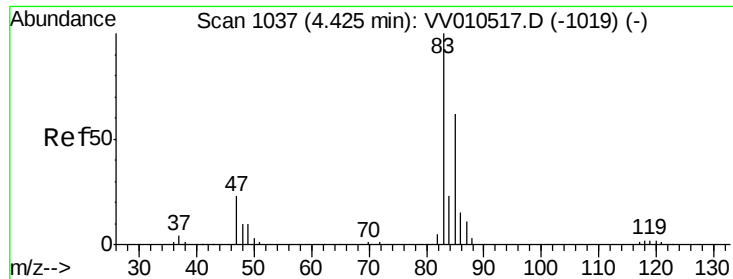
Tgt Ion: 43 Resp: 3904
Ion Ratio Lower Upper
43 100
72 14.4 14.6 43.8#



#22
cis-1,2-Dichloroethene
Concen: 0.236 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV010537.D
Acq: 27 Apr 2019 08:34

Tgt Ion: 96 Resp: 4191
Ion Ratio Lower Upper
96 100
61 98.1 79.9 148.3
68 0.0 0.0 0.0

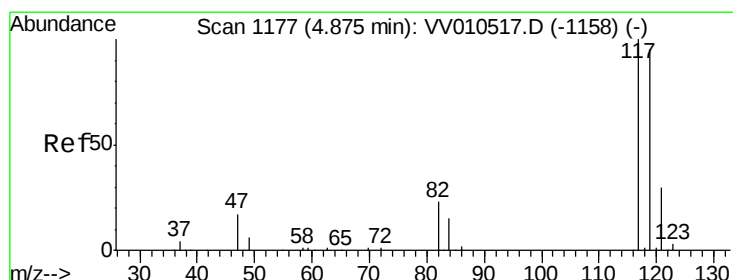
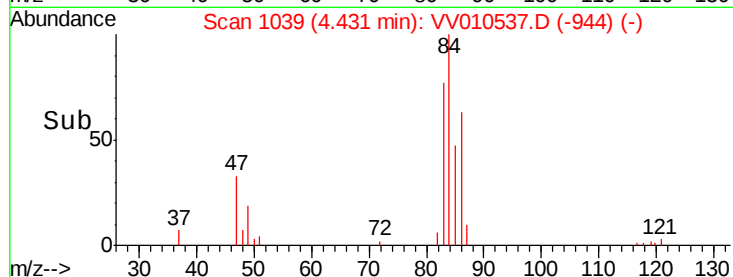
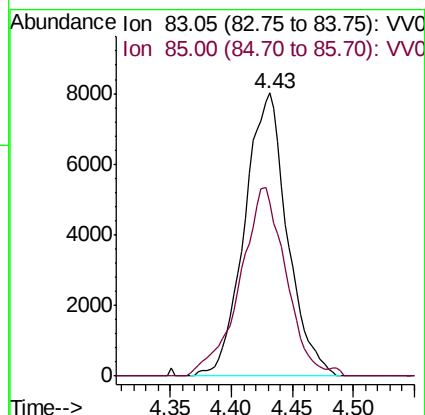
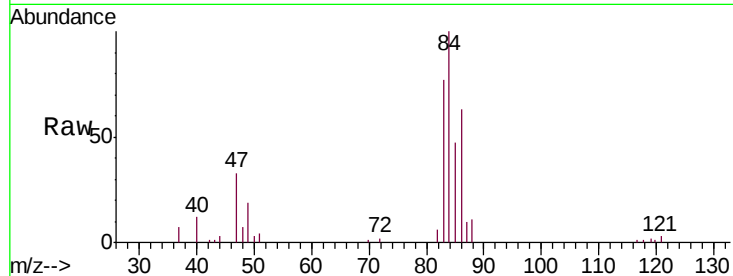




#25
Chloroform
Concen: 0.631 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV010537.D
Acq: 27 Apr 2019 08:34

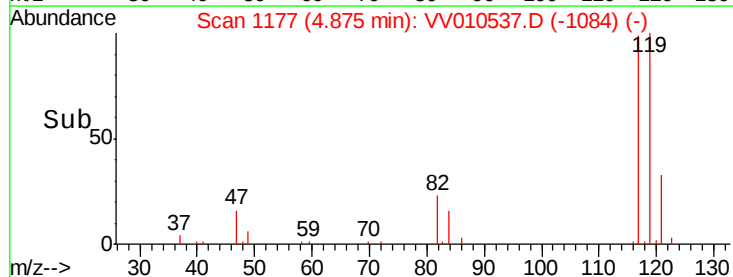
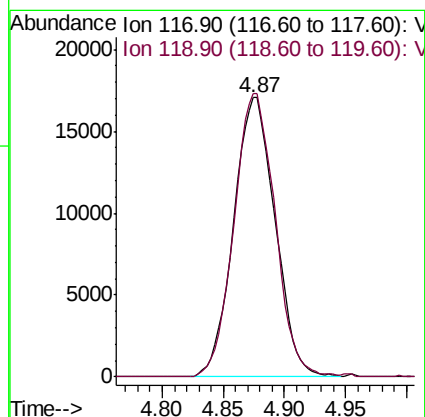
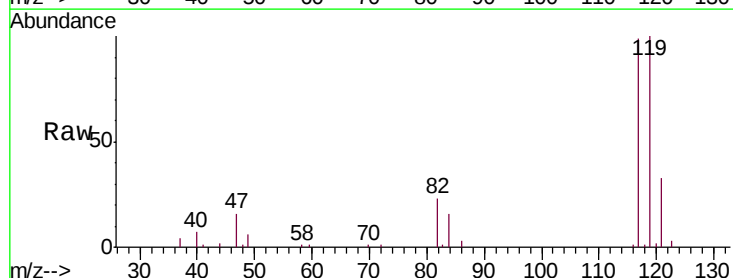
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ClientSampled :
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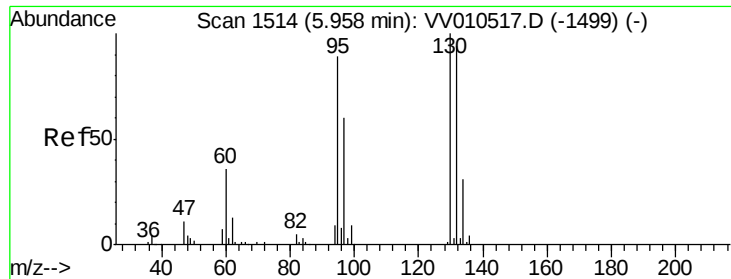
Tgt Ion: 83 Resp: 19391
Ion Ratio Lower Upper
83 100
85 61.1 43.6 81.0



#31
Carbon tetrachloride
Concen: 1.481 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VV010537.D
Acq: 27 Apr 2019 08:34

Tgt Ion: 117 Resp: 40289
Ion Ratio Lower Upper
117 100
119 100.3 77.8 116.6

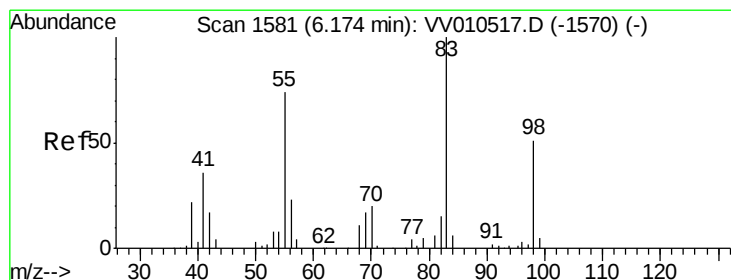
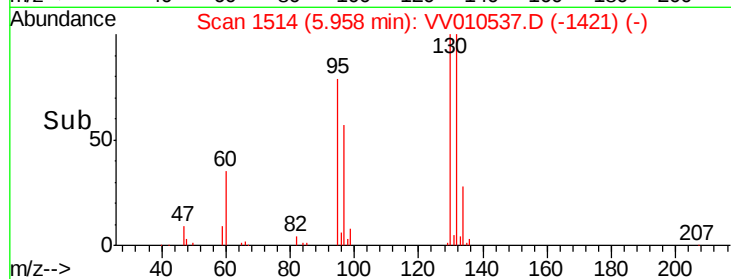
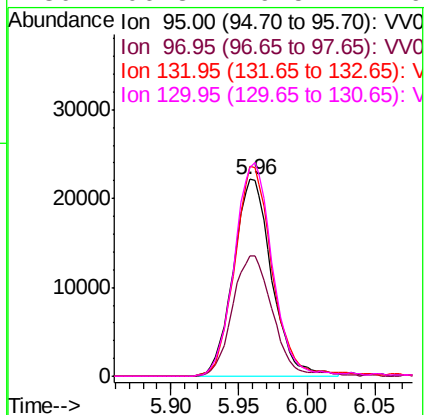
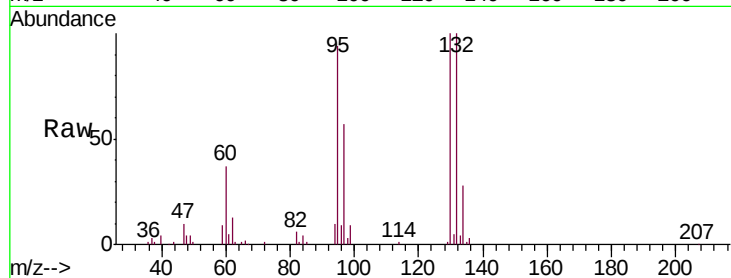




#34
 Trichloroethene
 Concen: 2.364 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV010537.D
 Acq: 27 Apr 2019 08:34

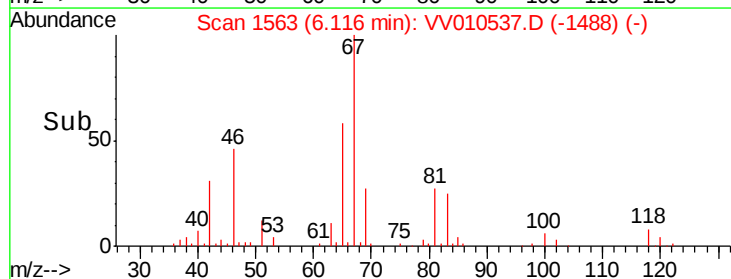
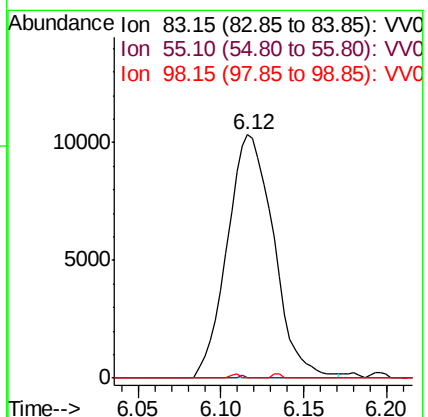
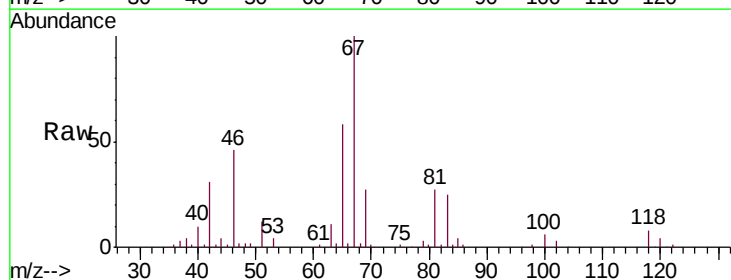
Instrument :
 MSVOA_V
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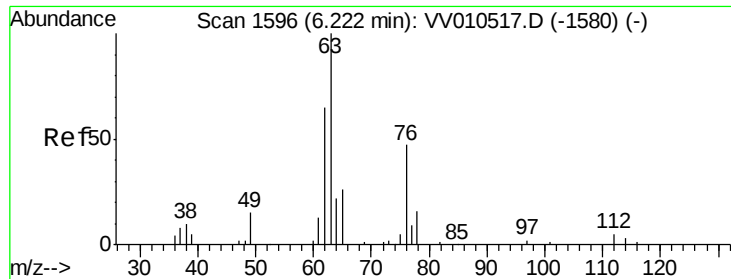
Tgt Ion:	95	Resp:	43241
Ion	Ratio	Lower	Upper
95	100		
97	61.2	43.3	80.5
132	106.7	74.1	137.5
130	106.3	79.5	147.6



#35
 Methylcyclohexane
 Concen: 0.848 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV010537.D
 Acq: 27 Apr 2019 08:34

Tgt Ion:	83	Resp:	20133
Ion	Ratio	Lower	Upper
83	100		
55	0.1	58.0	87.0#
98	0.3	40.4	60.6#

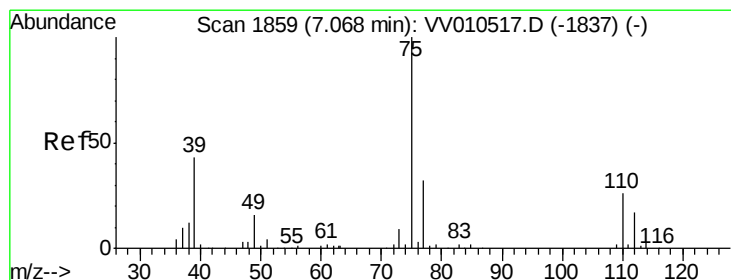
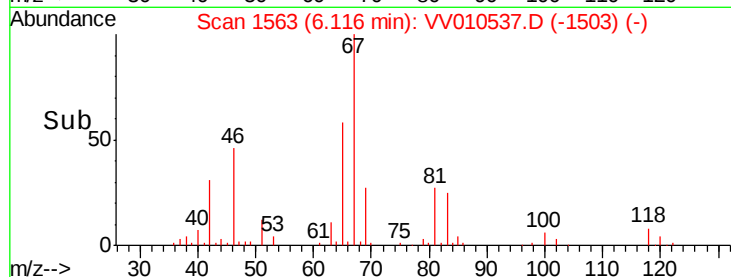
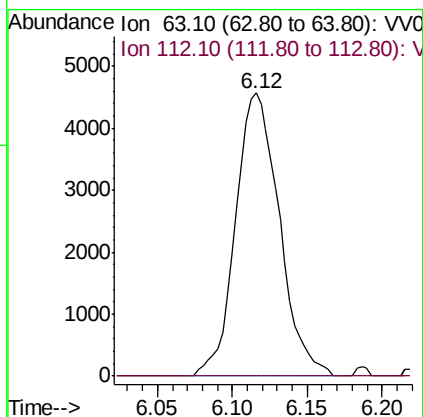
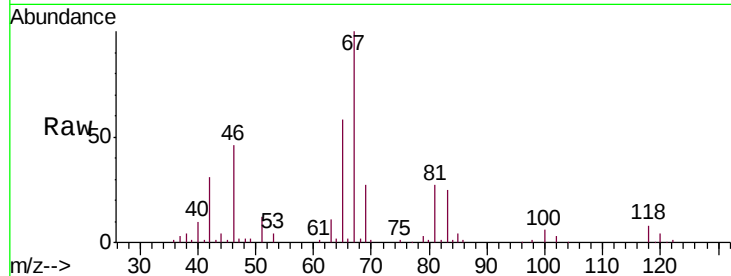




#37
 1,2-Dichloropropane
 Concen: 0.642 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV010537.D
 Acq: 27 Apr 2019 08:34

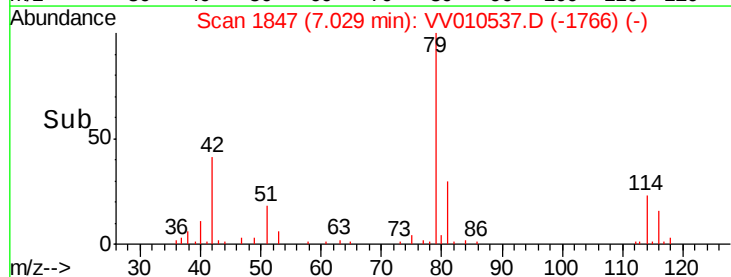
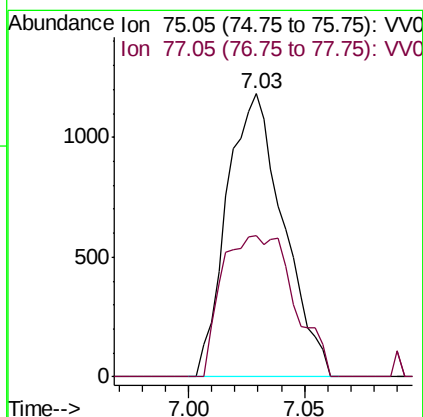
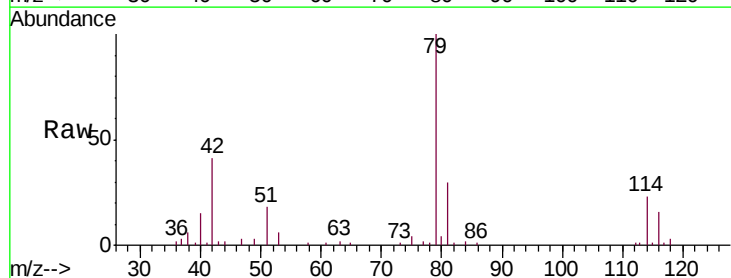
Instrument :
 MSVOA_V
 ClientSampleID :
 C0X57

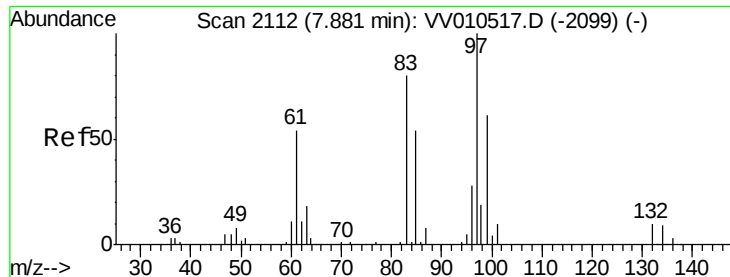
Tgt Ion: 63 Resp: 9302
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010537.D
 Acq: 27 Apr 2019 08:34

Tgt Ion: 75 Resp: 2005
 Ion Ratio Lower Upper
 75 100
 77 49.8 21.6 40.0#

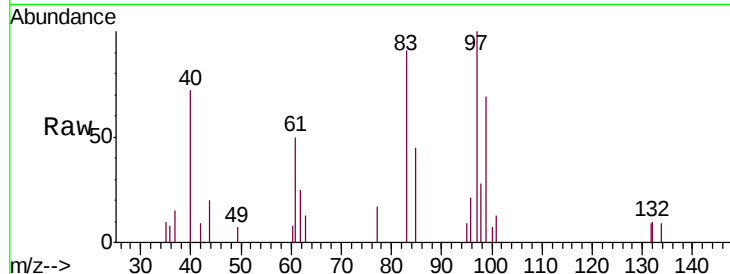




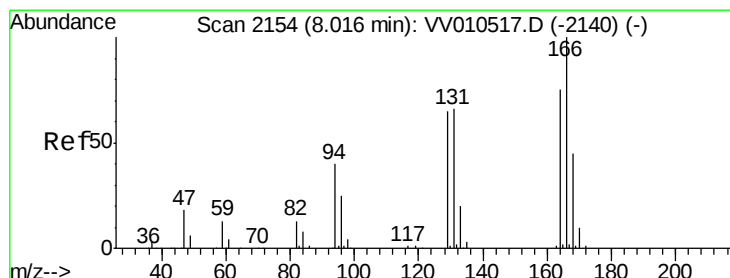
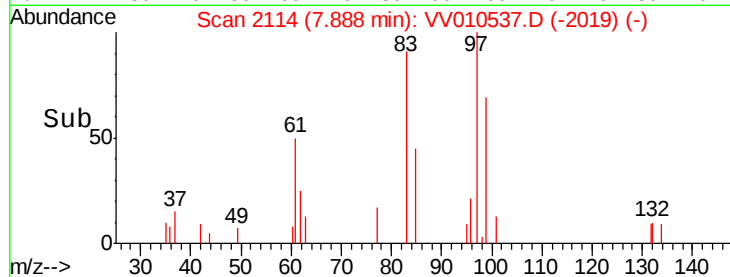
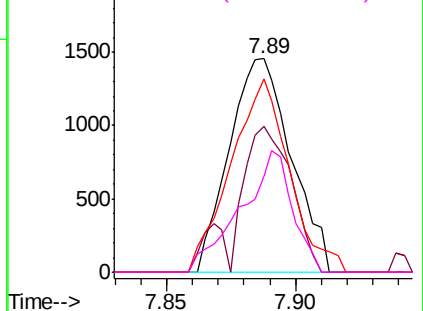
#45
 1,1,2-Trichloroethane
 Concen: 0.198 ug/L
 RT: 7.89 min Scan# 2114
 Delta R.T. 0.01 min
 Lab File: VV010537.D
 Acq: 27 Apr 2019 08:34

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X57

Tgt Ion:	97	Resp:	2432
Ion	Ratio	Lower	Upper
97	100		
99	68.6	39.5	73.4
83	90.7	57.7	107.3
85	45.0	32.8	61.0

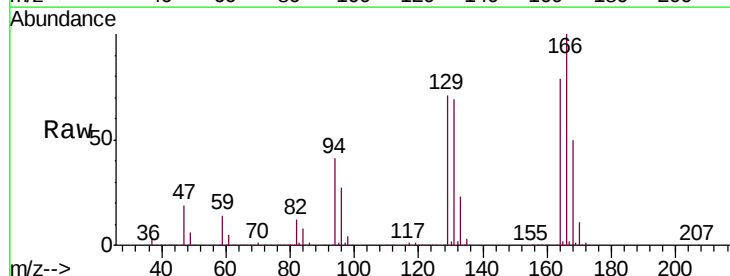


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0

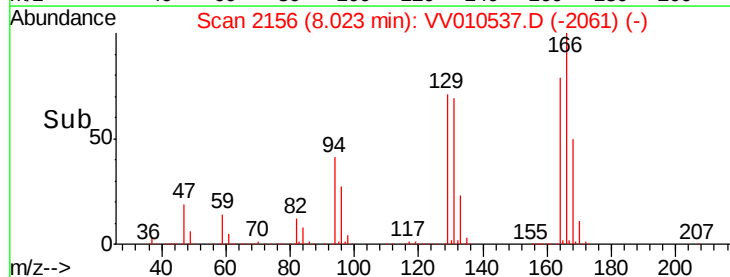
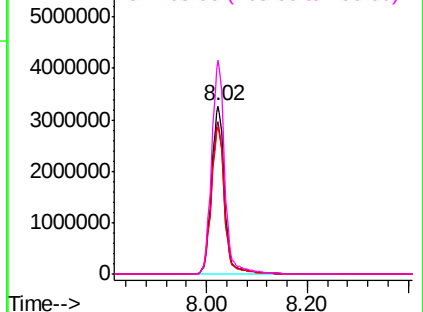


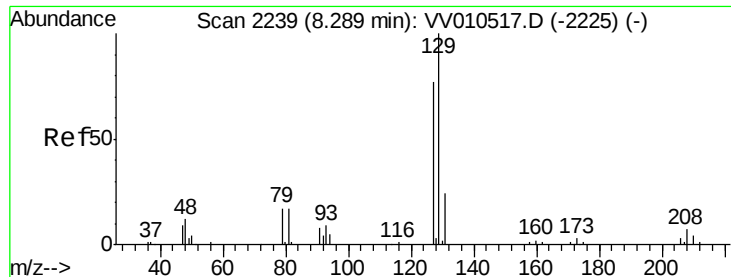
#47
 Tetrachloroethene
 Concen: 346.375 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: VV010537.D
 Acq: 27 Apr 2019 08:34

Tgt Ion:	164	Resp:	5919723
Ion	Ratio	Lower	Upper
164	100		
129	90.7	62.2	115.4
131	87.5	61.5	114.1
166	127.0	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





#49

Dibromochloromethane

Concen: 343.896 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV010537.D

Acq: 27 Apr 2019 08:34

Instrument :

MSVOA_V

ClientSampleId :

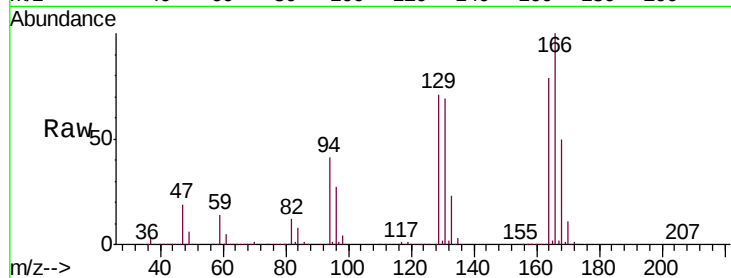
C0X57

Tgt Ion:129 Resp: 5194814

Ion Ratio Lower Upper

129 100

127 0.0 51.9 96.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.02

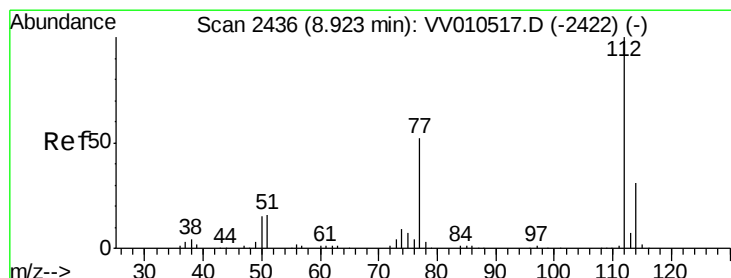
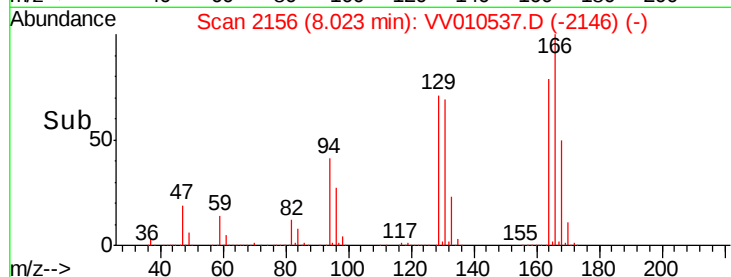
3000000

2000000

1000000

0

Time--> 7.90 8.00 8.10 8.20



#51

Chlorobenzene

Concen: 0.327 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV010537.D

Acq: 27 Apr 2019 08:34

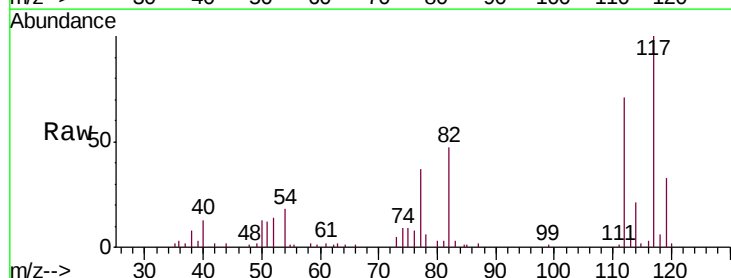
Tgt Ion:112 Resp: 15840

Ion Ratio Lower Upper

112 100

114 30.2 22.7 42.3

77 52.5 41.0 61.6



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

8.93

12000

10000

8000

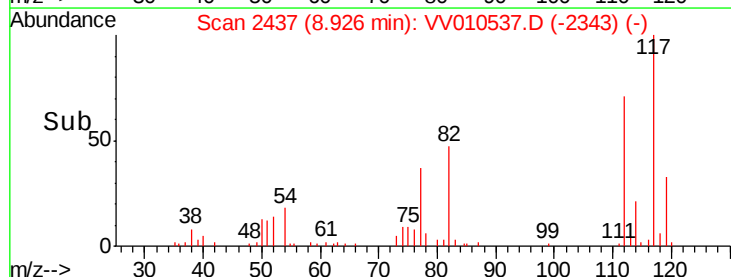
6000

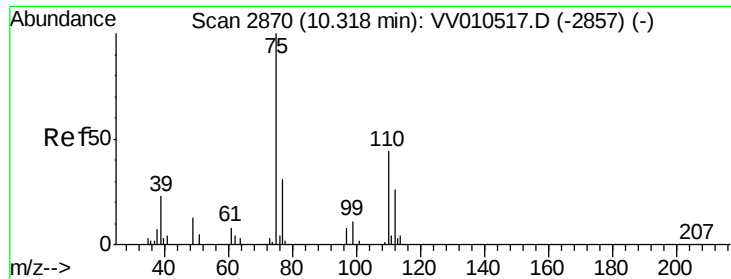
4000

2000

0

Time--> 8.85 8.90 8.95 9.00





#59

1,2,3-Trichloropropane

Concen: 0.194 ug/L

RT: 10.06 min Scan# 2790

Delta R.T. -0.26 min

Lab File: VV010537.D

Acq: 27 Apr 2019 08:34

Instrument :

MSVOA_V

ClientSampleId :

C0X57

Tgt Ion: 75 Resp: 1801

Ion Ratio Lower Upper

75 100

77 4.4 26.9 40.3#

