

Data File : VV010568.D
Acq On : 30 Apr 2019 00:25
Operator : SY/MD
Sample : K2590-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XA1

Quant Time: Apr 30 06:51:35 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	5.66	114	214589	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213109	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48710	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.57	69	33431	5.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.60%
11) 1,1-Dichloroethene-d2	2.13	63	66865	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.94	46	121778	45.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.48%
24) Chloroform-d	4.40	84	121104	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.08	65	67417	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.10	84	263894	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	75906	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	244748	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.66	79	24831	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.13	63	112478	46.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55166	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	106994	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

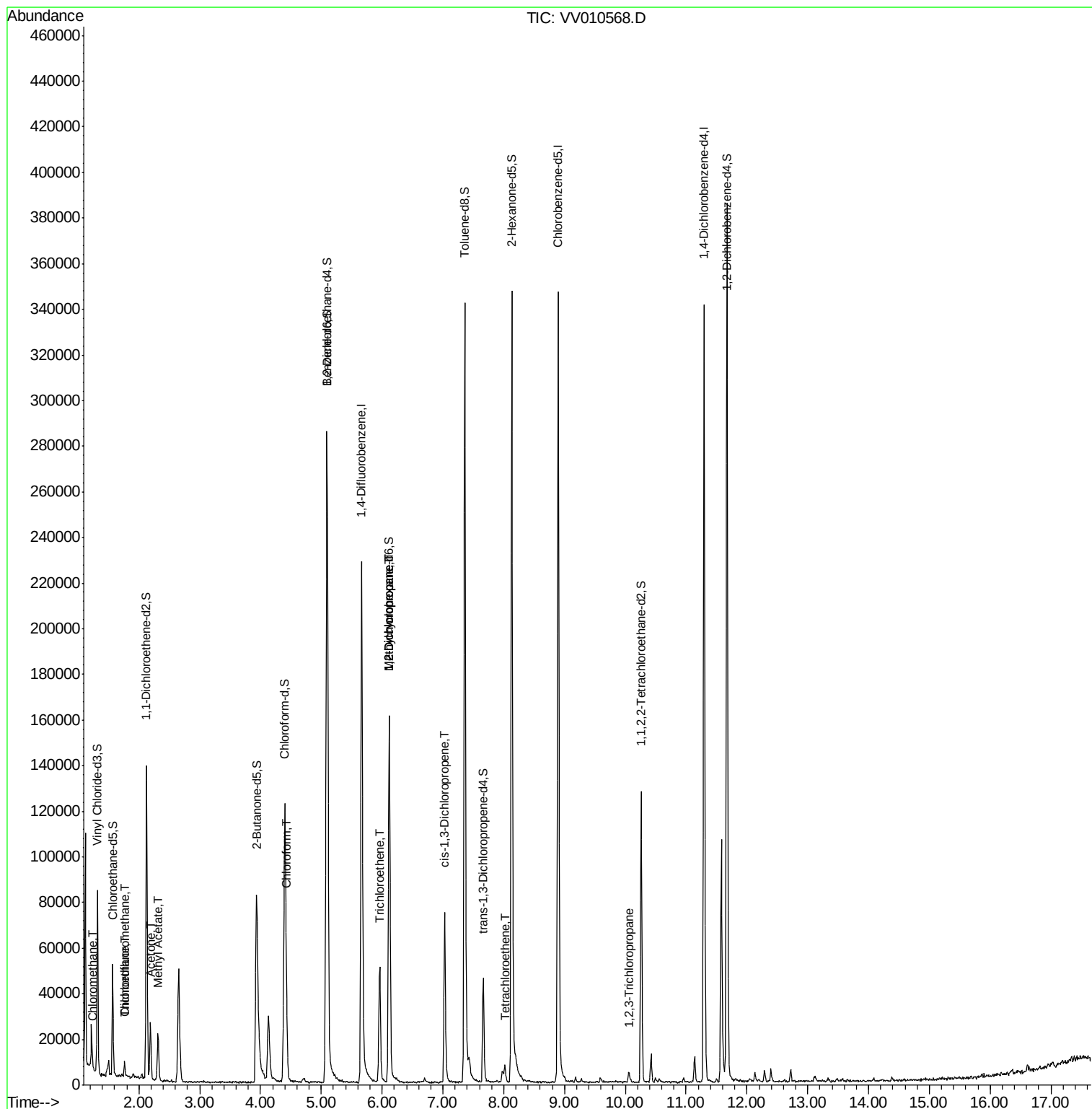
						Qvalue
3) Chloromethane	1.25	50	956	0.084	ug/L	87
8) Chloroethane	1.76	64	603	0.125	ug/L	85
9) Trichlorofluoromethane	1.77	101	3048	0.130	ug/L	88
13) Acetone	2.19	43	22073	16.459	ug/L	97
15) Methyl Acetate	2.32	43	5960	1.339	ug/L #	44
25) Chloroform	4.43	83	15137	0.547	ug/L	95
34) Trichloroethene	5.96	95	16489	1.028	ug/L	90
35) Methylcyclohexane	6.12	83	19468	0.935	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8890	0.699	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2132	0.116	ug/L #	67
47) Tetrachloroethene	8.02	164	1997	0.133	ug/L	80
59) 1,2,3-Trichloropropane	10.06	75	2930	0.360	ug/L #	43

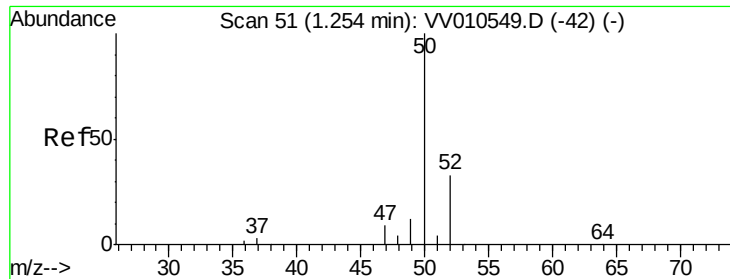
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.084 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV010568.D

Acq: 30 Apr 2019 00:25

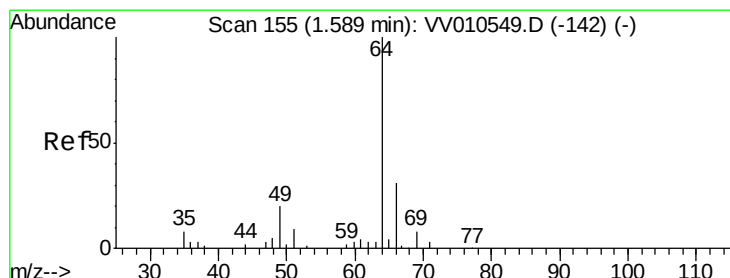
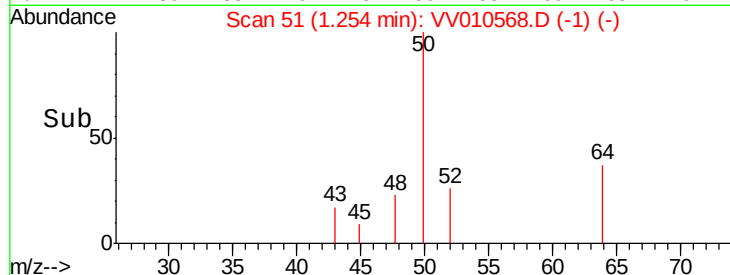
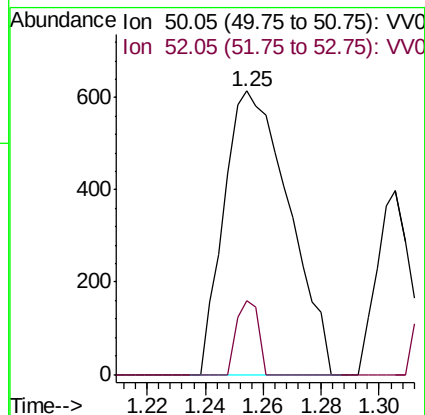
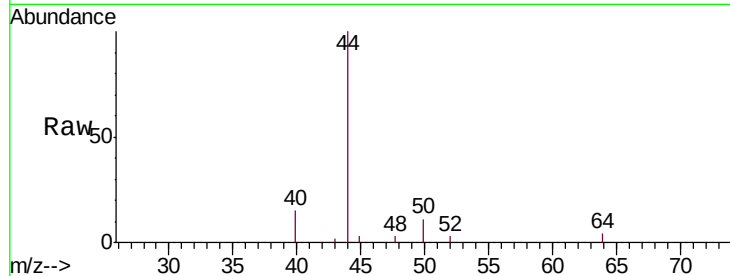
Instrument :
MSVOA_V
ClientSampled :
C0XA1

Tgt Ion: 50 Resp: 956

Ion Ratio Lower Upper

50 100

52 26.1 23.3 43.3



#8

Chloroethane

Concen: 0.125 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.17 min

Lab File: VV010568.D

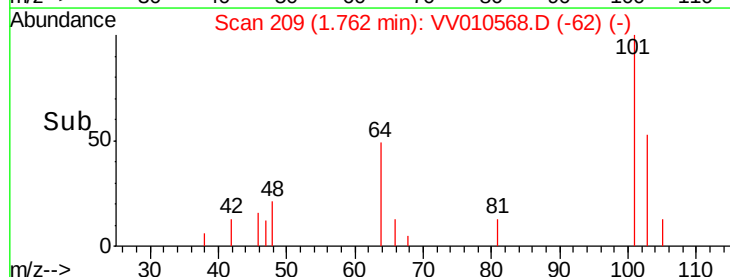
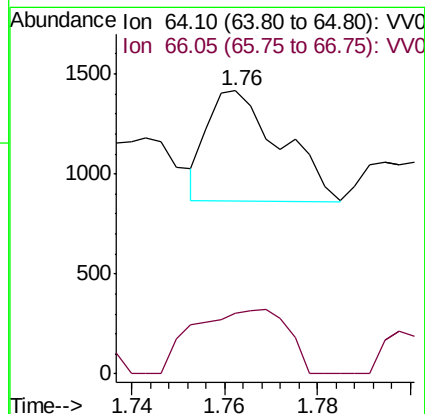
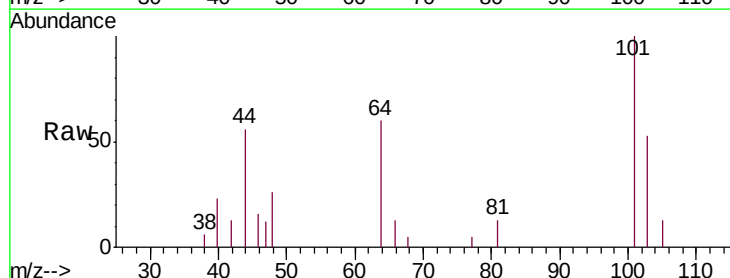
Acq: 30 Apr 2019 00:25

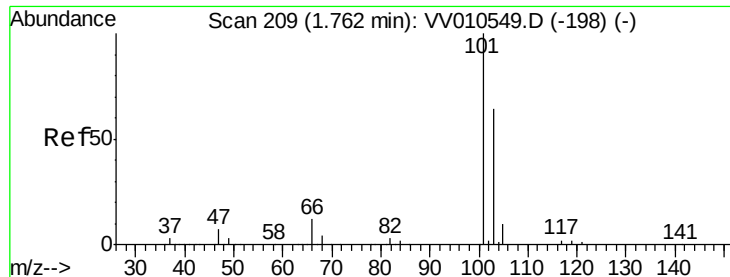
Tgt Ion: 64 Resp: 603

Ion Ratio Lower Upper

64 100

66 21.3 20.7 38.5





#9

Trichlorofluoromethane

Concen: 0.130 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV010568.D

Acq: 30 Apr 2019 00:25

Instrument :

MSVOA_V

ClientSampleId :

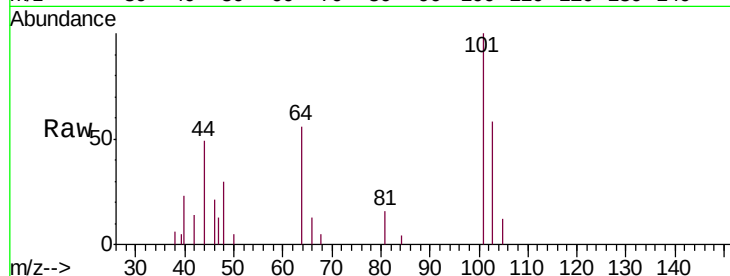
C0XA1

Tgt Ion:101 Resp: 3048

Ion Ratio Lower Upper

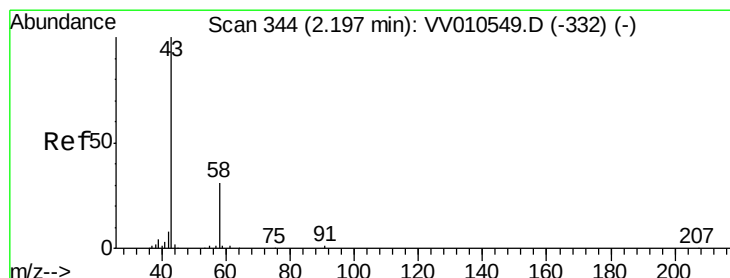
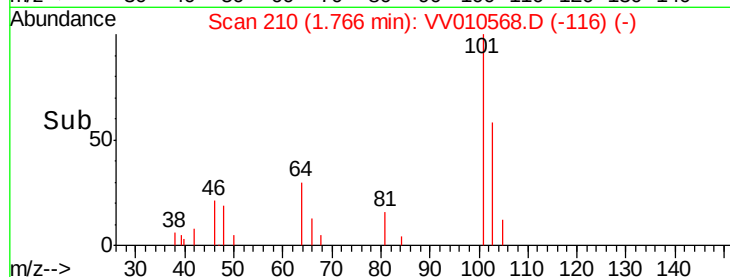
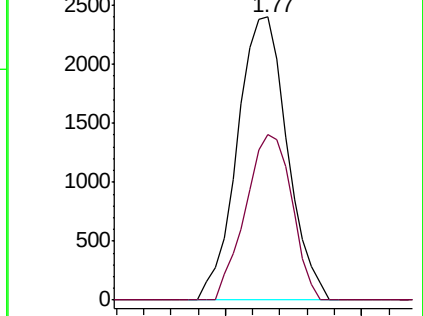
101 100

103 54.0 50.5 75.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 16.459 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010568.D

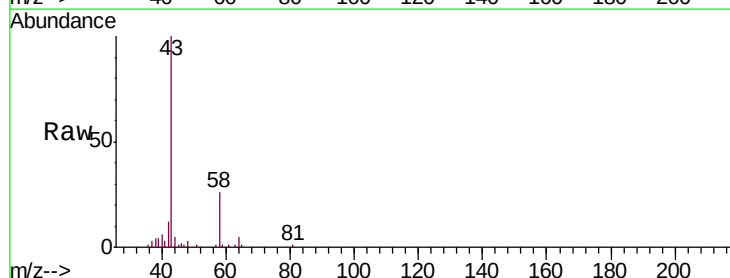
Acq: 30 Apr 2019 00:25

Tgt Ion: 43 Resp: 22073

Ion Ratio Lower Upper

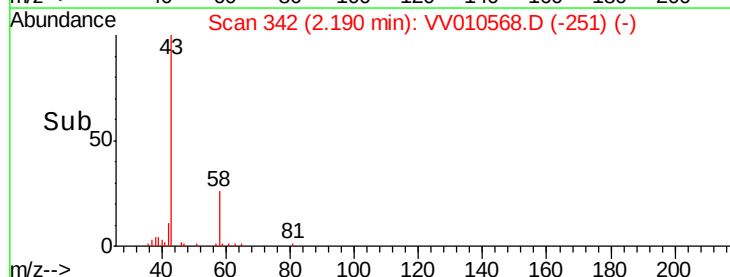
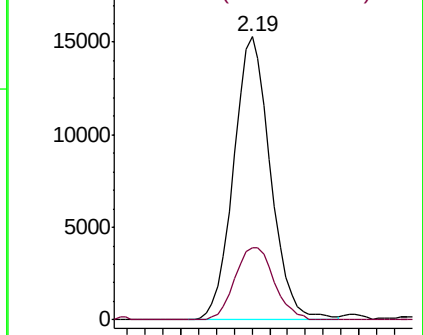
43 100

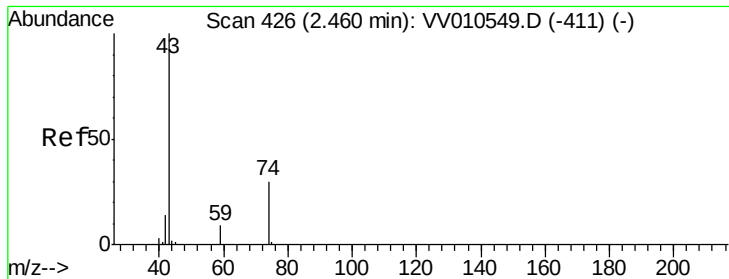
58 27.1 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

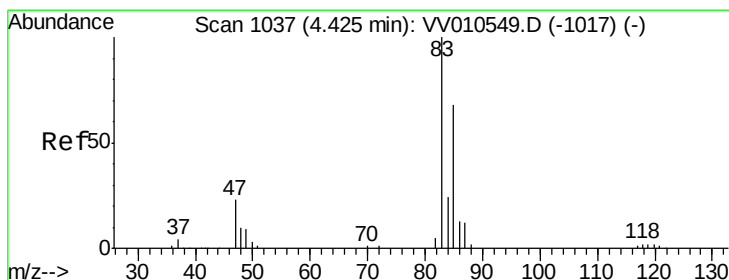
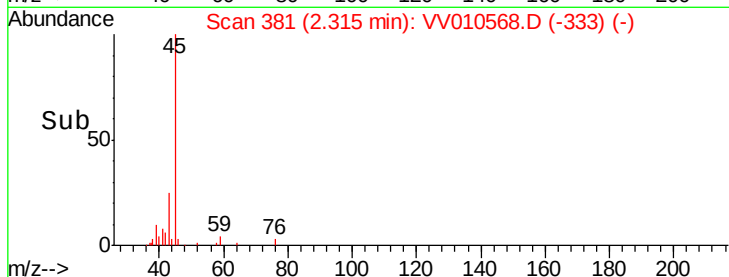
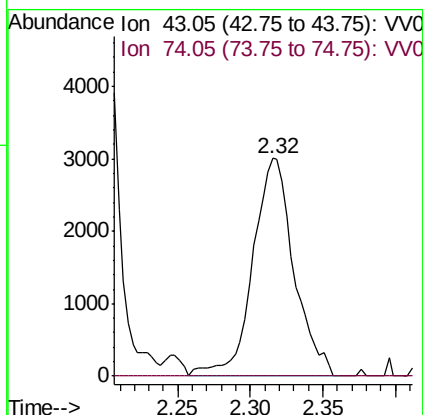
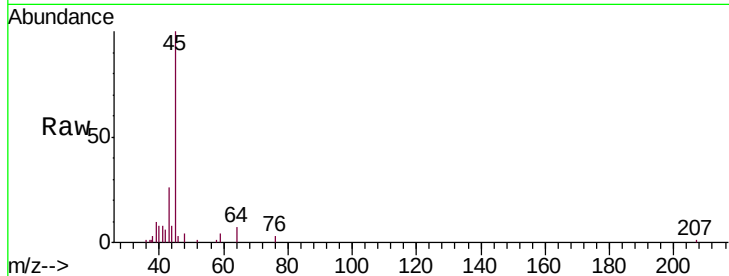




#15
Methyl Acetate
Concen: 1.339 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.14 min
Lab File: VV010568.D
Acq: 30 Apr 2019 00:25

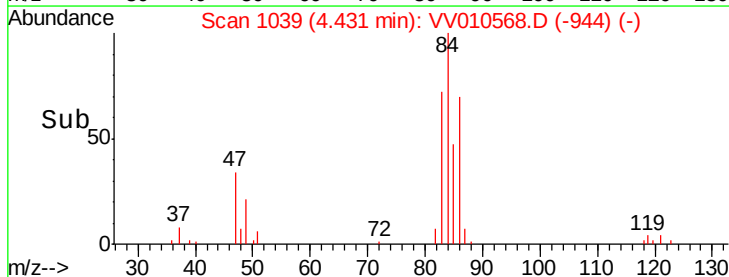
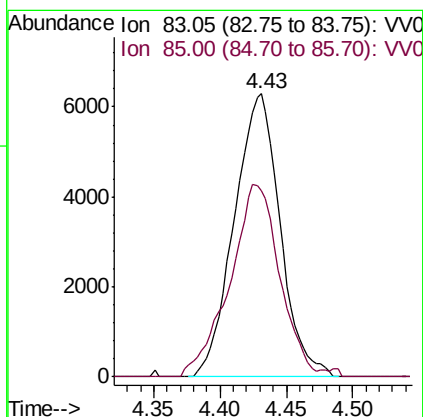
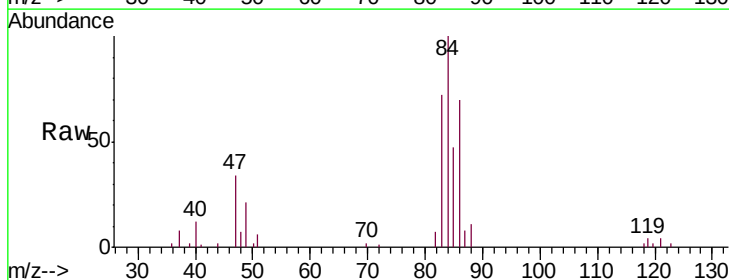
Instrument :
MSVOA_V
ClientSampleId :
C0XA1

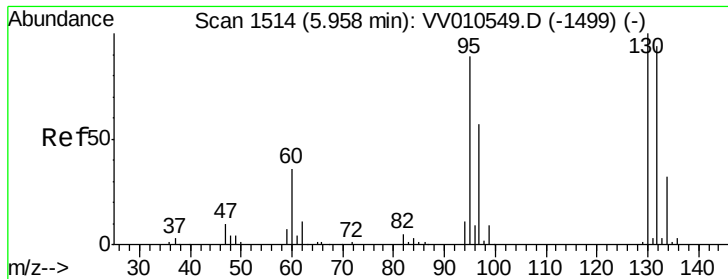
Tgt Ion: 43 Resp: 5960
Ion Ratio Lower Upper
43 100
74 0.0 24.2 36.2#



#25
Chloroform
Concen: 0.547 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV010568.D
Acq: 30 Apr 2019 00:25

Tgt Ion: 83 Resp: 15137
Ion Ratio Lower Upper
83 100
85 65.8 43.6 81.0





#34

Trichloroethene

Concen: 1.028 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV010568.D

Acq: 30 Apr 2019 00:25

Instrument :

MSVOA_V

ClientSampled :

C0XA1

Tgt Ion: 95 Resp: 16489

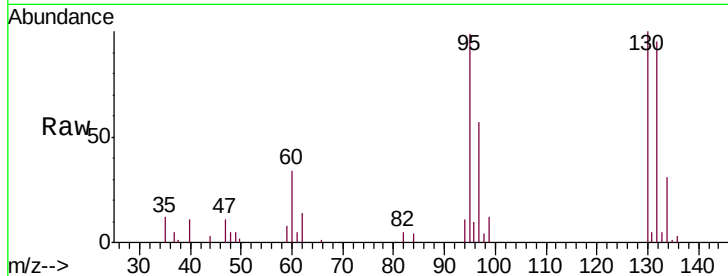
Ion Ratio Lower Upper

95 100

97 57.7 43.3 80.5

132 95.7 74.1 137.5

130 100.9 79.5 147.6

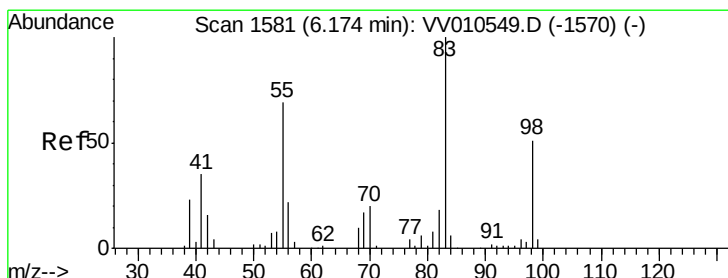
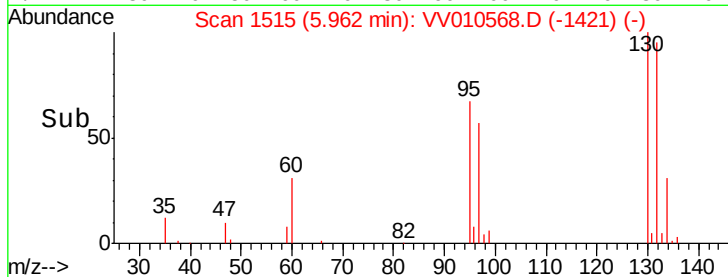
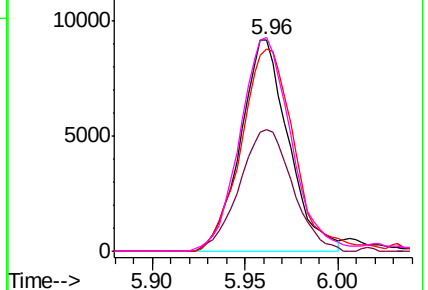


Abundance Ion 95.00 (94.70 to 95.70): VV010549.D (-1499) (-)

Ion 96.95 (96.65 to 97.65): VV010549.D (-1499) (-)

Ion 131.95 (131.65 to 132.65): VV010549.D (-1499) (-)

Ion 129.95 (129.65 to 130.65): VV010549.D (-1499) (-)



#35

Methylcyclohexane

Concen: 0.935 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV010568.D

Acq: 30 Apr 2019 00:25

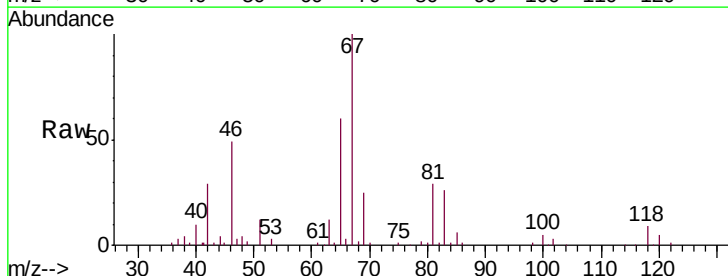
Tgt Ion: 83 Resp: 19468

Ion Ratio Lower Upper

83 100

55 0.0 58.0 87.0#

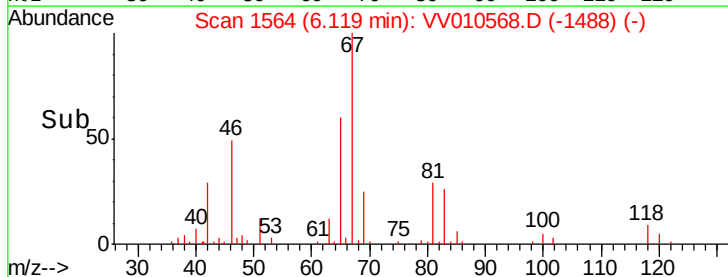
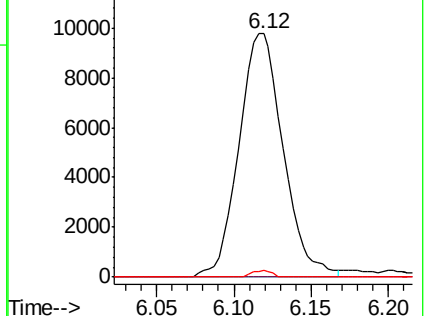
98 1.2 40.4 60.6#

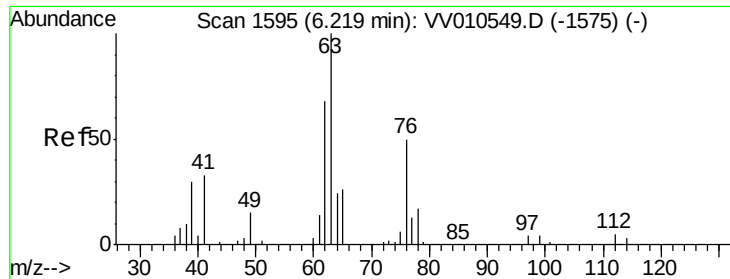


Abundance Ion 83.15 (82.85 to 83.85): VV010549.D (-1570) (-)

Ion 55.10 (54.80 to 55.80): VV010549.D (-1570) (-)

Ion 98.15 (97.85 to 98.85): VV010549.D (-1570) (-)

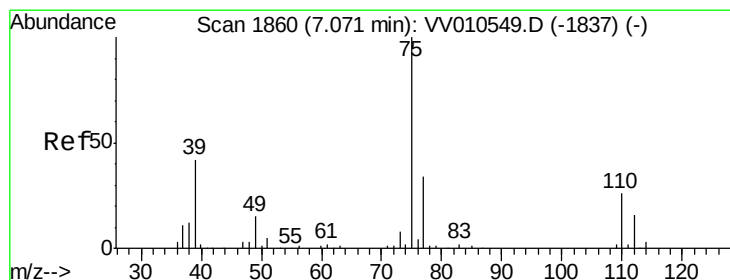
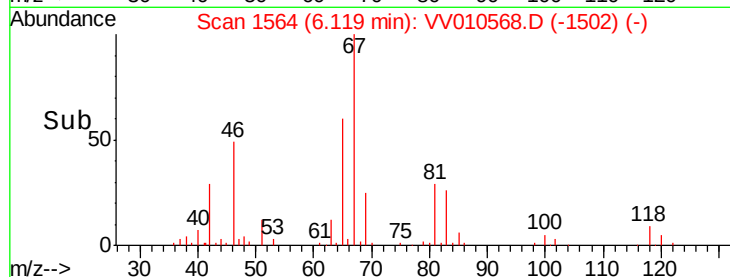
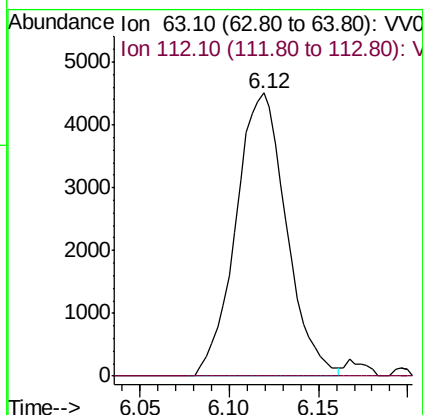
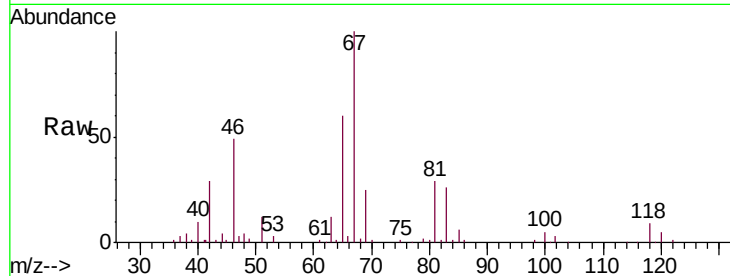




#37
 1,2-Dichloropropane
 Concen: 0.699 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010568.D
 Acq: 30 Apr 2019 00:25

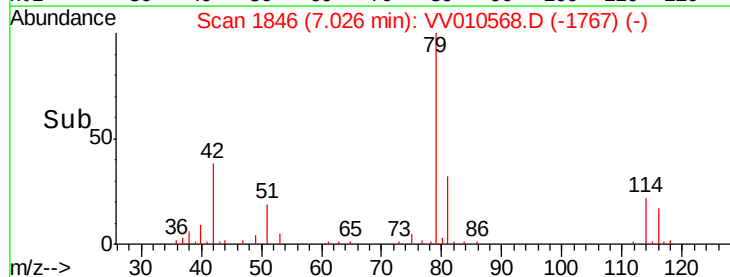
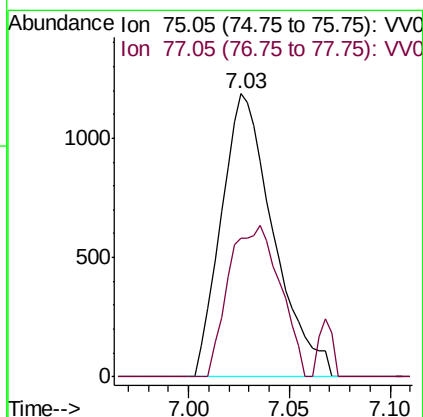
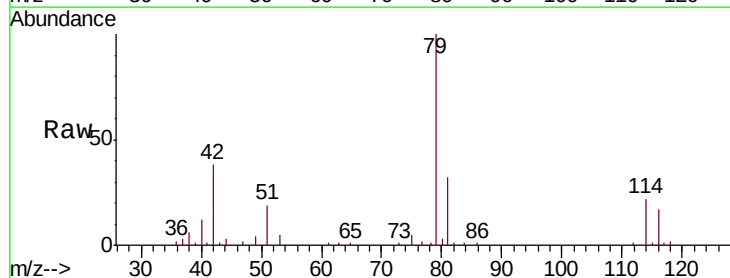
Instrument :
 MSVOA_V
 ClientSampleId :
 C0XA1

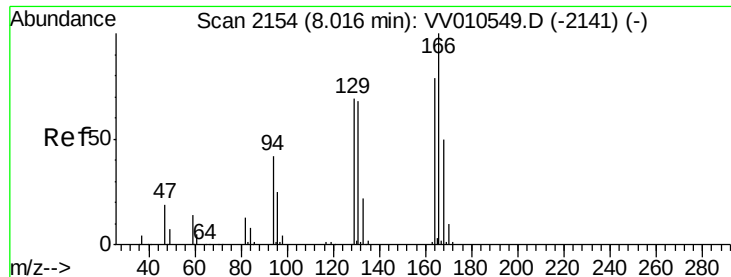
Tgt Ion: 63 Resp: 8890
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV010568.D
 Acq: 30 Apr 2019 00:25

Tgt Ion: 75 Resp: 2132
 Ion Ratio Lower Upper
 75 100
 77 49.1 21.6 40.0#

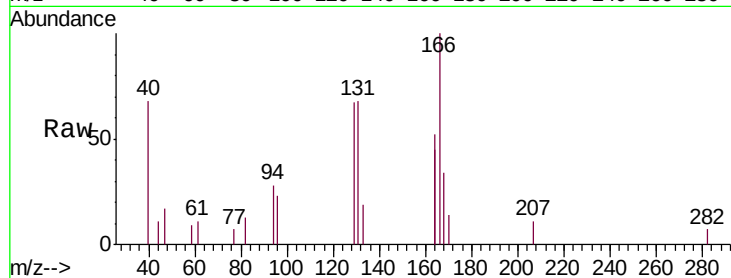




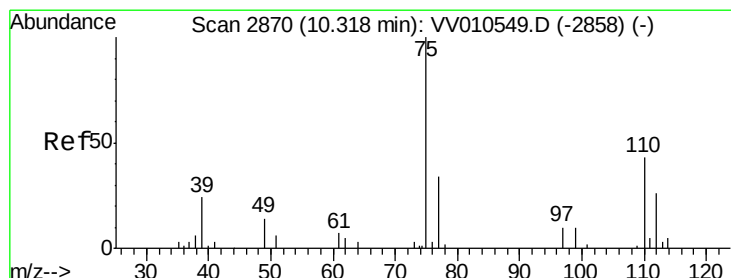
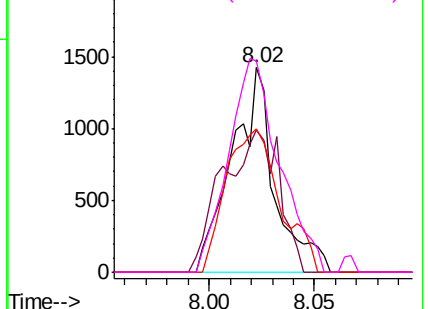
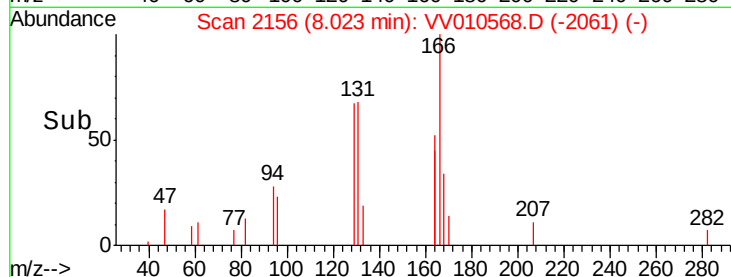
#47
Tetrachloroethene
Concen: 0.133 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.01 min
Lab File: VV010568.D
Acq: 30 Apr 2019 00:25

Instrument :
MSVOA_V
ClientSampleId :
C0XA1

Tgt Ion: 164 Resp: 1997
Ion Ratio Lower Upper
164 100
129 69.8 62.2 115.4
131 70.3 61.5 114.1
166 103.5 89.1 165.5

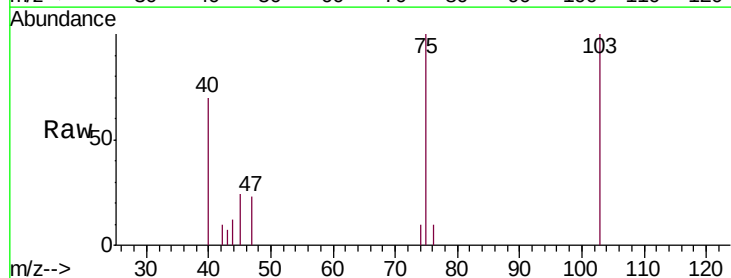


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#59
1,2,3-Trichloropropane
Concen: 0.360 ug/L
RT: 10.06 min Scan# 2789
Delta R.T. -0.26 min
Lab File: VV010568.D
Acq: 30 Apr 2019 00:25

Tgt Ion: 75 Resp: 2930
Ion Ratio Lower Upper
75 100
77 1.4 26.9 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

