

Data File : VV010531.D
Acq On : 27 Apr 2019 06:02
Operator : SY/MD
Sample : K2586-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X34

Quant Time: Apr 29 02:01:36 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	230411	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	228843	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106914	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53695	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.56	69	38361	6.40	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.00%
11) 1,1-Dichloroethene-d2	2.12	63	77413	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.94	46	128220	44.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.72%
24) Chloroform-d	4.40	84	136714	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	71331	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.10	84	276979	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	79321	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	257680	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.66	79	25846	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.13	63	118181	45.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	60059	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	115599	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

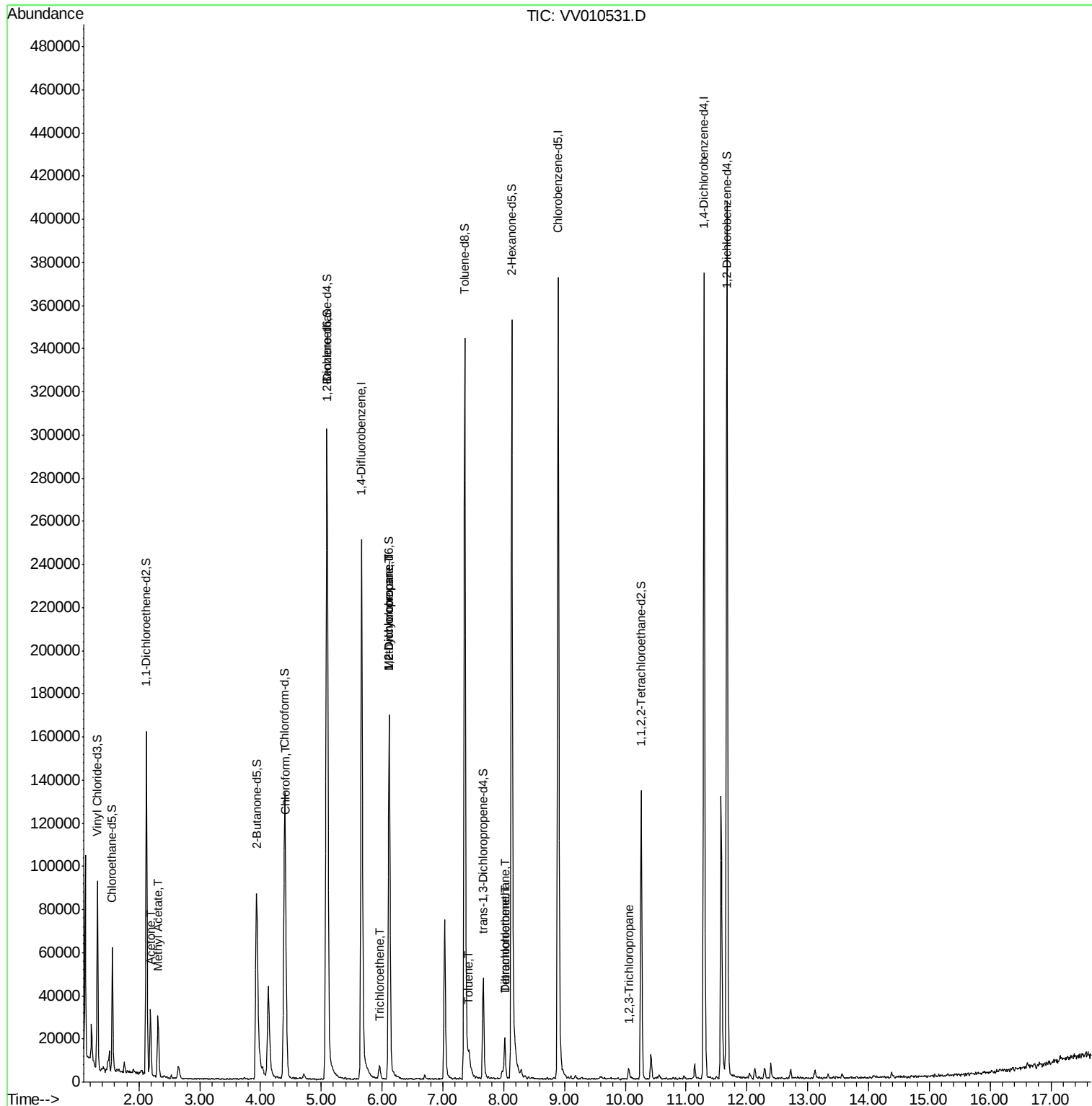
					Qvalue
13) Acetone	2.19	43	26679	18.528 ug/L	90
15) Methyl Acetate	2.32	43	7634	1.598 ug/L #	46
25) Chloroform	4.42	83	4952	0.167 ug/L #	70
34) Trichloroethene	5.96	95	1888	0.110 ug/L #	77
35) Methylcyclohexane	6.12	83	19800	0.885 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	8748	0.641 ug/L #	90
42) Toluene	7.43	91	4705	0.072 ug/L	86
47) Tetrachloroethene	8.02	164	4521	0.281 ug/L	91
49) Dibromochloromethane	8.02	129	4256	0.299 ug/L #	12
59) 1,2,3-Trichloropropane	10.06	75	3266	0.374 ug/L #	45

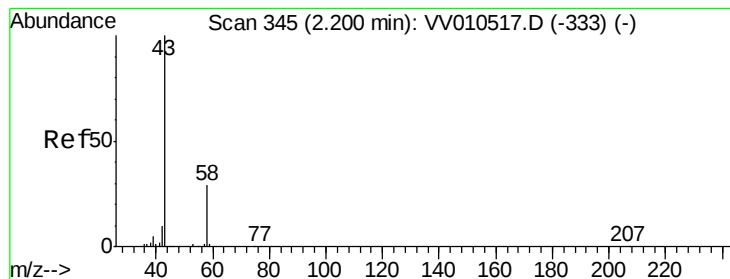
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.528 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010531.D

Acq: 27 Apr 2019 06:02

Instrument :

MSVOA_V

ClientSampleId :

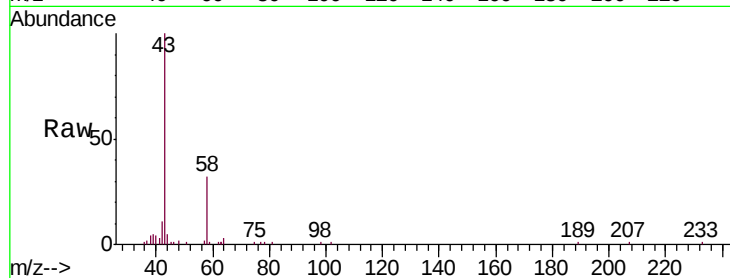
C0X34

Tgt Ion: 43 Resp: 26679

Ion Ratio Lower Upper

43 100

58 34.0 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV010531.D (-252) (-)

Ion 58.05 (57.75 to 58.75): VV010531.D (-252) (-)

2.19

20000

15000

10000

5000

0

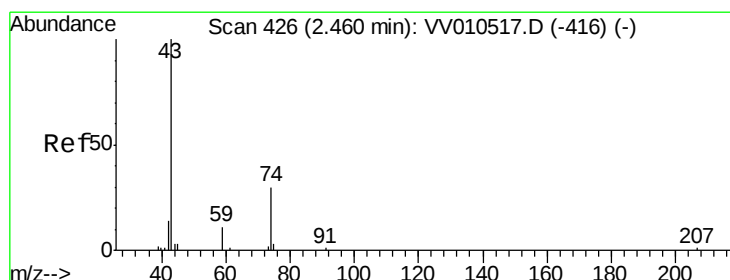
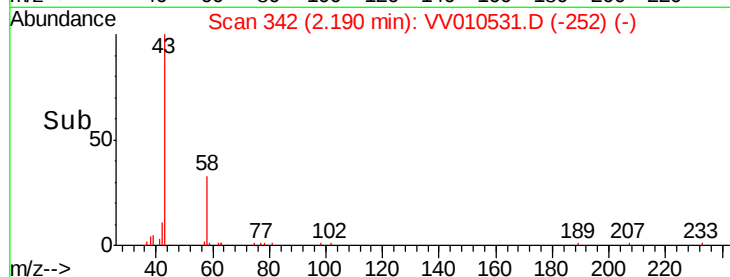
Time-->

2.10

2.15

2.20

2.25



#15

Methyl Acetate

Concen: 1.598 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.14 min

Lab File: VV010531.D

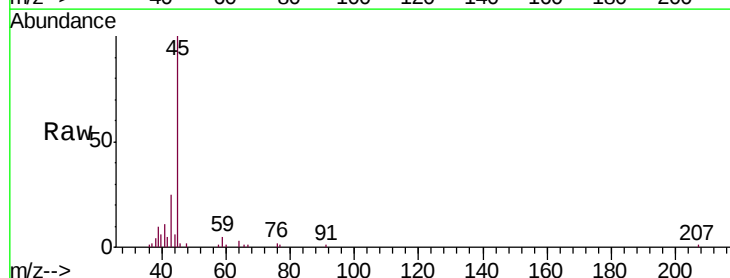
Acq: 27 Apr 2019 06:02

Tgt Ion: 43 Resp: 7634

Ion Ratio Lower Upper

43 100

74 0.7 24.2 36.2#



Abundance Ion 43.05 (42.75 to 43.75): VV010531.D (-333) (-)

Ion 74.05 (73.75 to 74.75): VV010531.D (-333) (-)

2.32

4000

3000

2000

1000

0

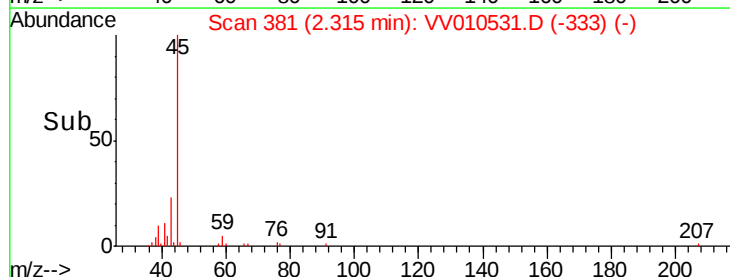
Time-->

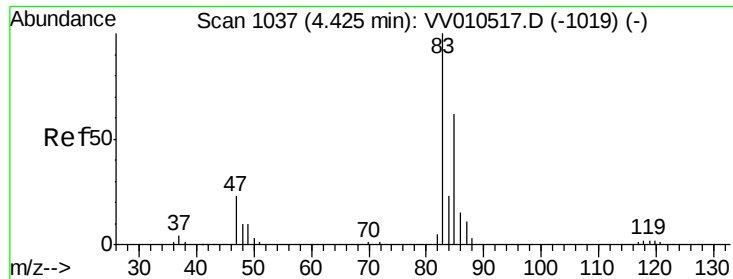
2.25

2.30

2.35

2.40

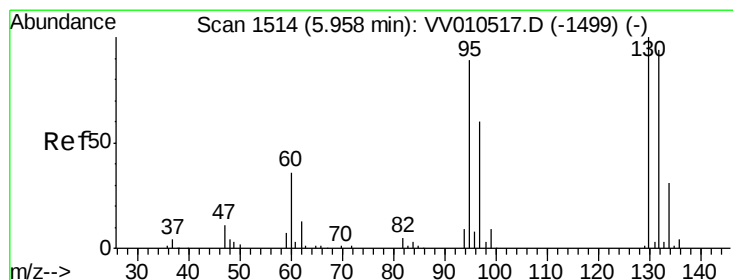
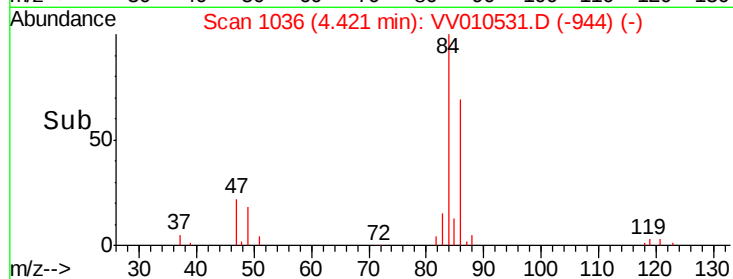
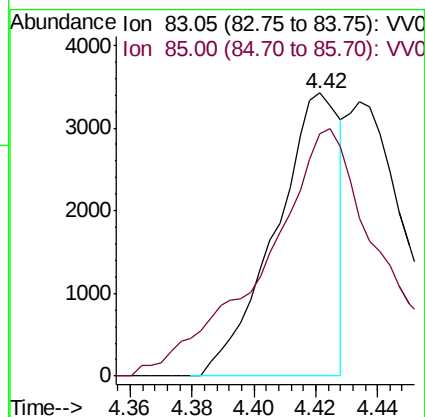
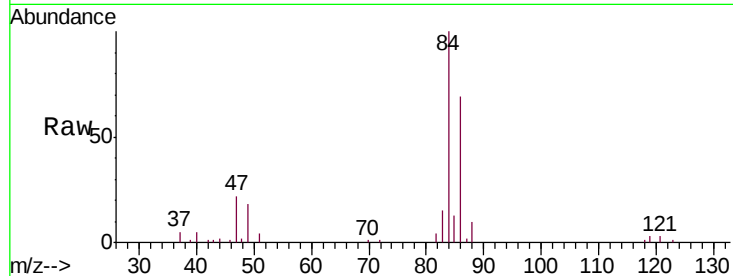




#25
Chloroform
Concen: 0.167 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010531.D
Acq: 27 Apr 2019 06:02

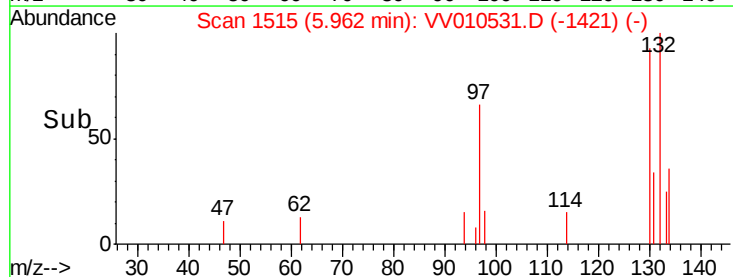
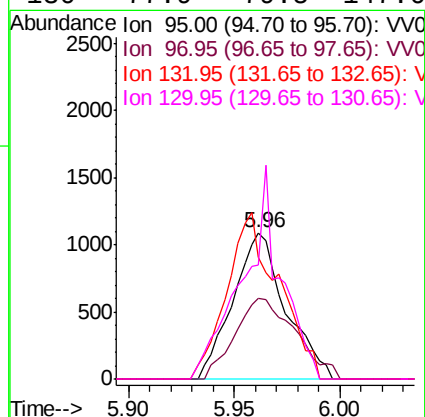
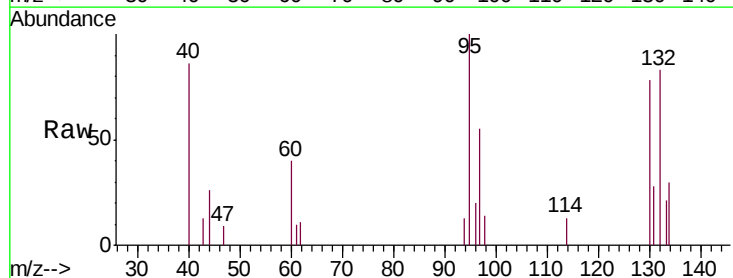
Instrument :
MSVOA_V
ClientSampleId :
C0X34

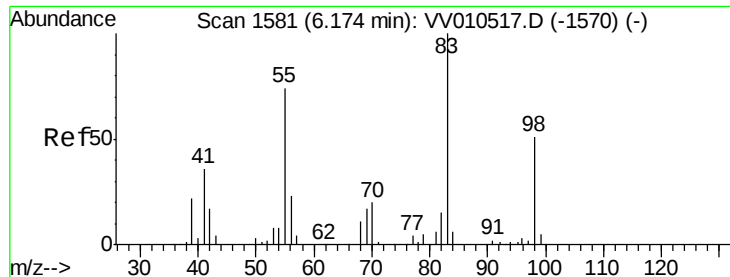
Tgt Ion: 83 Resp: 4952
Ion Ratio Lower Upper
83 100
85 85.6 43.6 81.0#



#34
Trichloroethene
Concen: 0.110 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010531.D
Acq: 27 Apr 2019 06:02

Tgt Ion: 95 Resp: 1888
Ion Ratio Lower Upper
95 100
97 55.3 43.3 80.5
132 83.4 74.1 137.5
130 77.9 79.5 147.6#

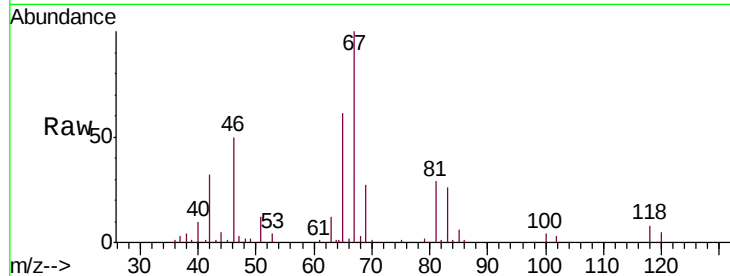




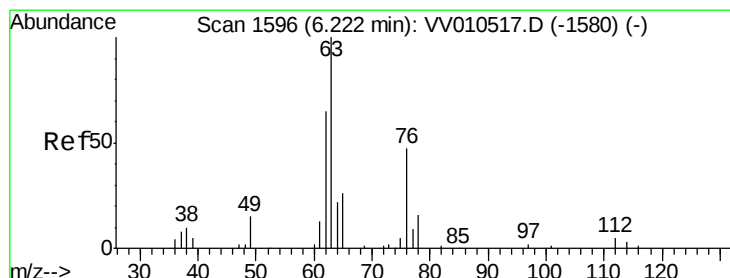
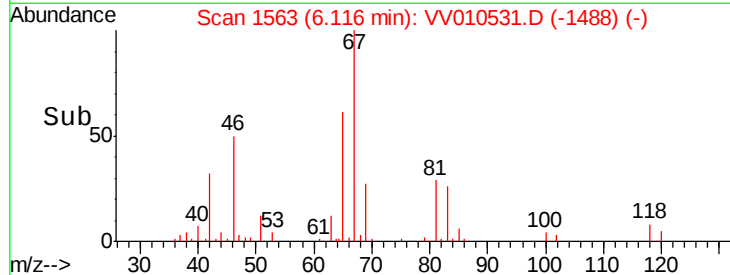
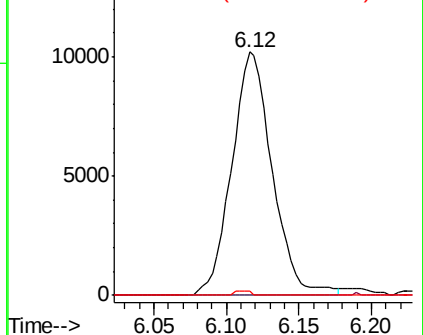
#35
Methylcyclohexane
Concen: 0.885 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010531.D
Acq: 27 Apr 2019 06:02

Instrument :
MSVOA_V
ClientSampleId :
C0X34

Tgt Ion: 83 Resp: 19800
Ion Ratio Lower Upper
83 100
55 0.1 58.0 87.0#
98 0.7 40.4 60.6#

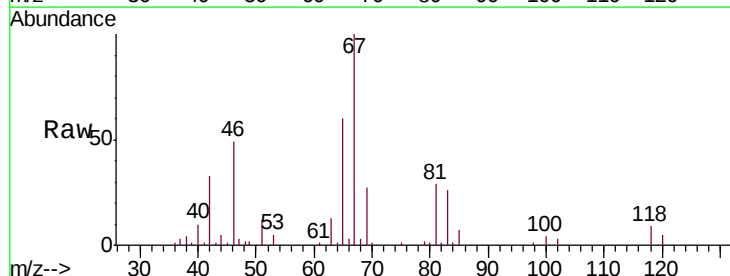


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

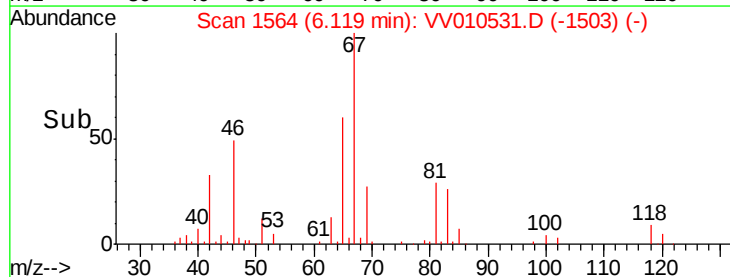
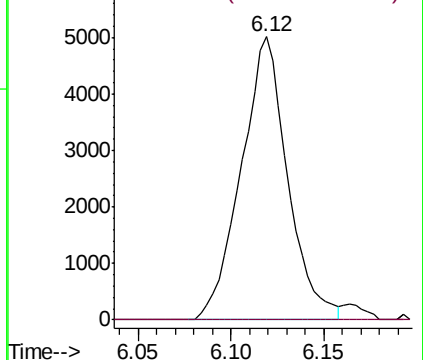


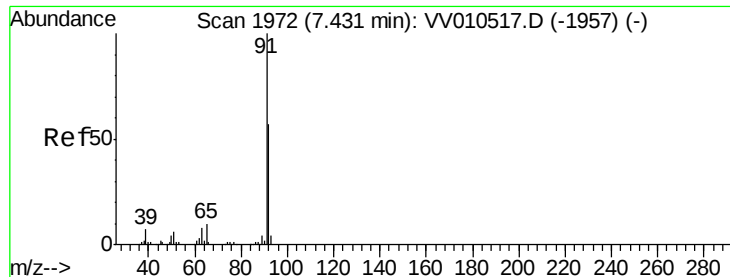
#37
1,2-Dichloropropane
Concen: 0.641 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010531.D
Acq: 27 Apr 2019 06:02

Tgt Ion: 63 Resp: 8748
Ion Ratio Lower Upper
63 100
112 1.2 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.072 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV010531.D

Acq: 27 Apr 2019 06:02

Instrument :

MSVOA_V

ClientSampleId :

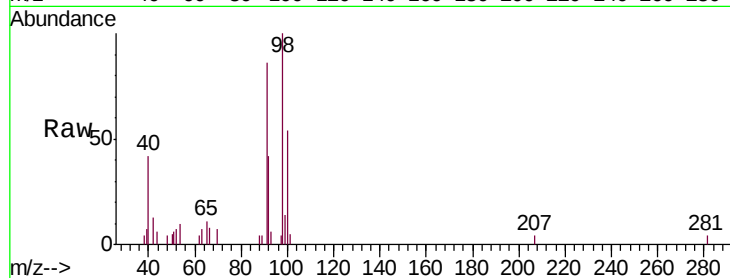
C0X34

Tgt Ion: 91 Resp: 4705

Ion Ratio Lower Upper

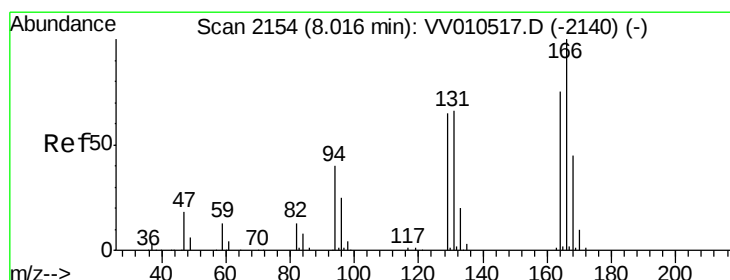
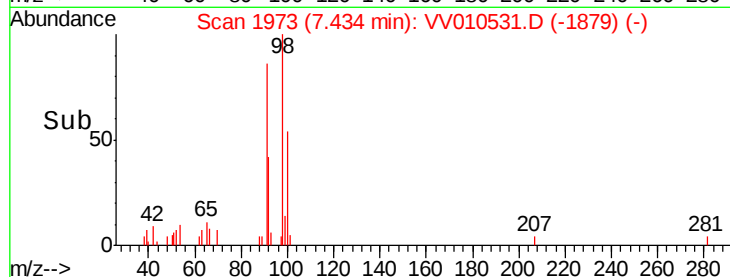
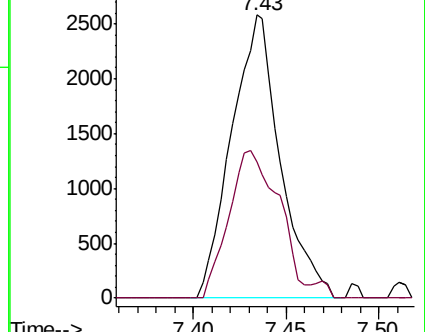
91 100

92 48.3 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV010517.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV010517.D (-1957) (-)



#47

Tetrachloroethene

Concen: 0.281 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV010531.D

Acq: 27 Apr 2019 06:02

Tgt Ion: 164 Resp: 4521

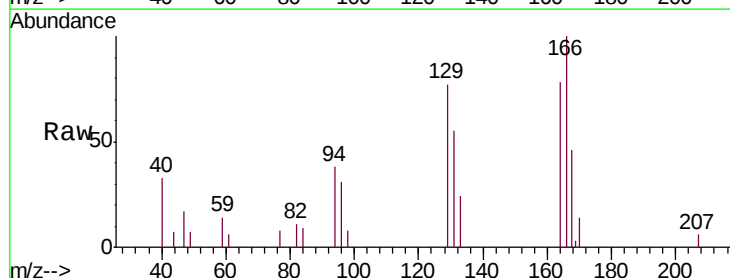
Ion Ratio Lower Upper

164 100

129 98.7 62.2 115.4

131 71.2 61.5 114.1

166 128.5 89.1 165.5

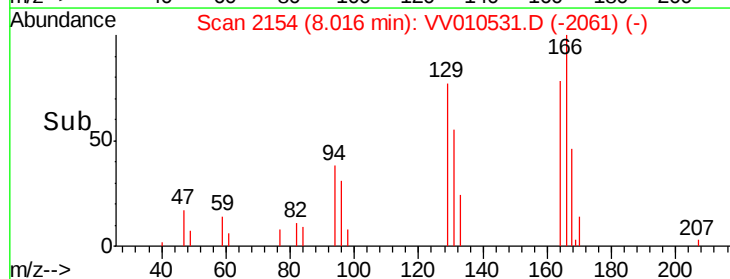
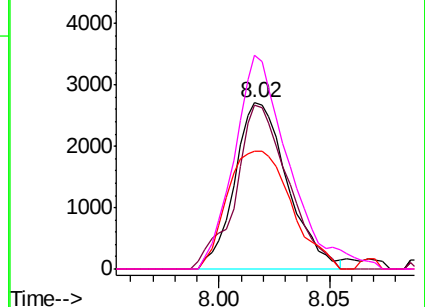


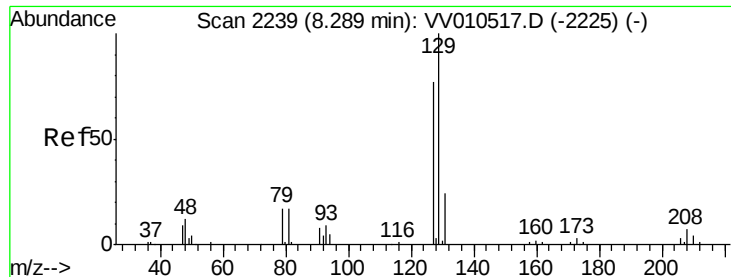
Abundance Ion 163.90 (163.60 to 164.60): VV010517.D (-2140) (-)

Ion 128.95 (128.65 to 129.65): VV010517.D (-2140) (-)

Ion 130.95 (130.65 to 131.65): VV010517.D (-2140) (-)

Ion 165.90 (165.60 to 166.60): VV010517.D (-2140) (-)





#49

Dibromochloromethane

Concen: 0.299 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV010531.D

Acq: 27 Apr 2019 06:02

Instrument :

MSVOA_V

ClientSampled :

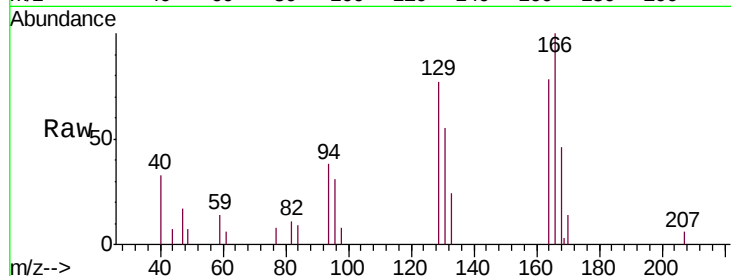
C0X34

Tgt Ion:129 Resp: 4256

Ion Ratio Lower Upper

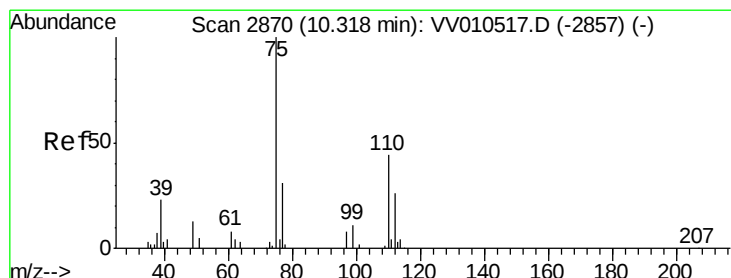
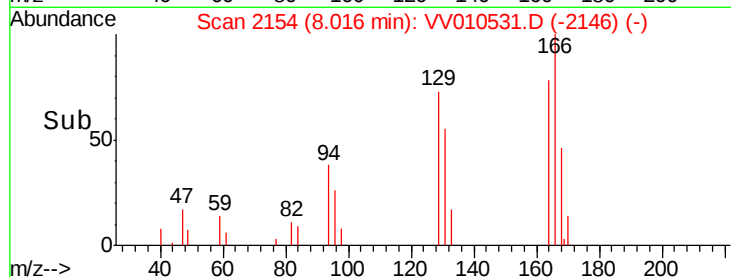
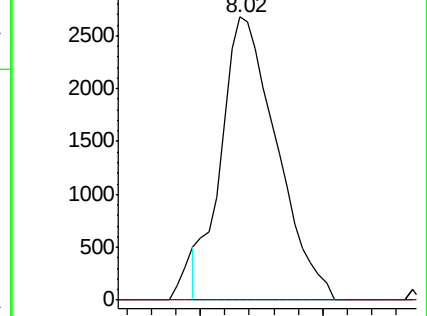
129 100

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



#59

1,2,3-Trichloropropane

Concen: 0.374 ug/L

RT: 10.06 min Scan# 2789

Delta R.T. -0.26 min

Lab File: VV010531.D

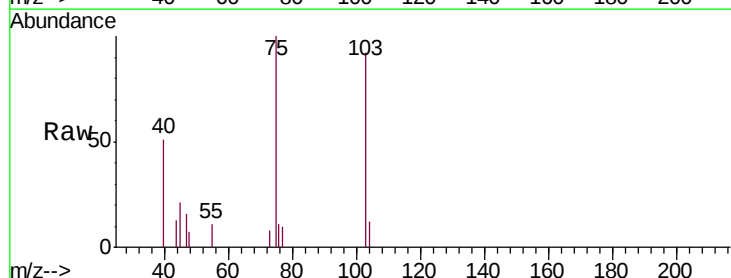
Acq: 27 Apr 2019 06:02

Tgt Ion: 75 Resp: 3266

Ion Ratio Lower Upper

75 100

77 2.1 26.9 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

