

Data File : VV010462.D
Acq On : 24 Apr 2019 15:02
Operator : SY/MD
Sample : K2428-22
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X32

Quant Time: Apr 25 02:24:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 02:19:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	235426	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	228760	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108332	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	55357	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.58	69	42690	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.13	63	81949	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.00	46	117762	40.47	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.94%
24) Chloroform-d	4.40	84	133753	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.09	65	68971	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.09	84	243702	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.12	67	73282	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	230240	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.67	79	24425	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.15	63	114180	47.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	58977	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	100941	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

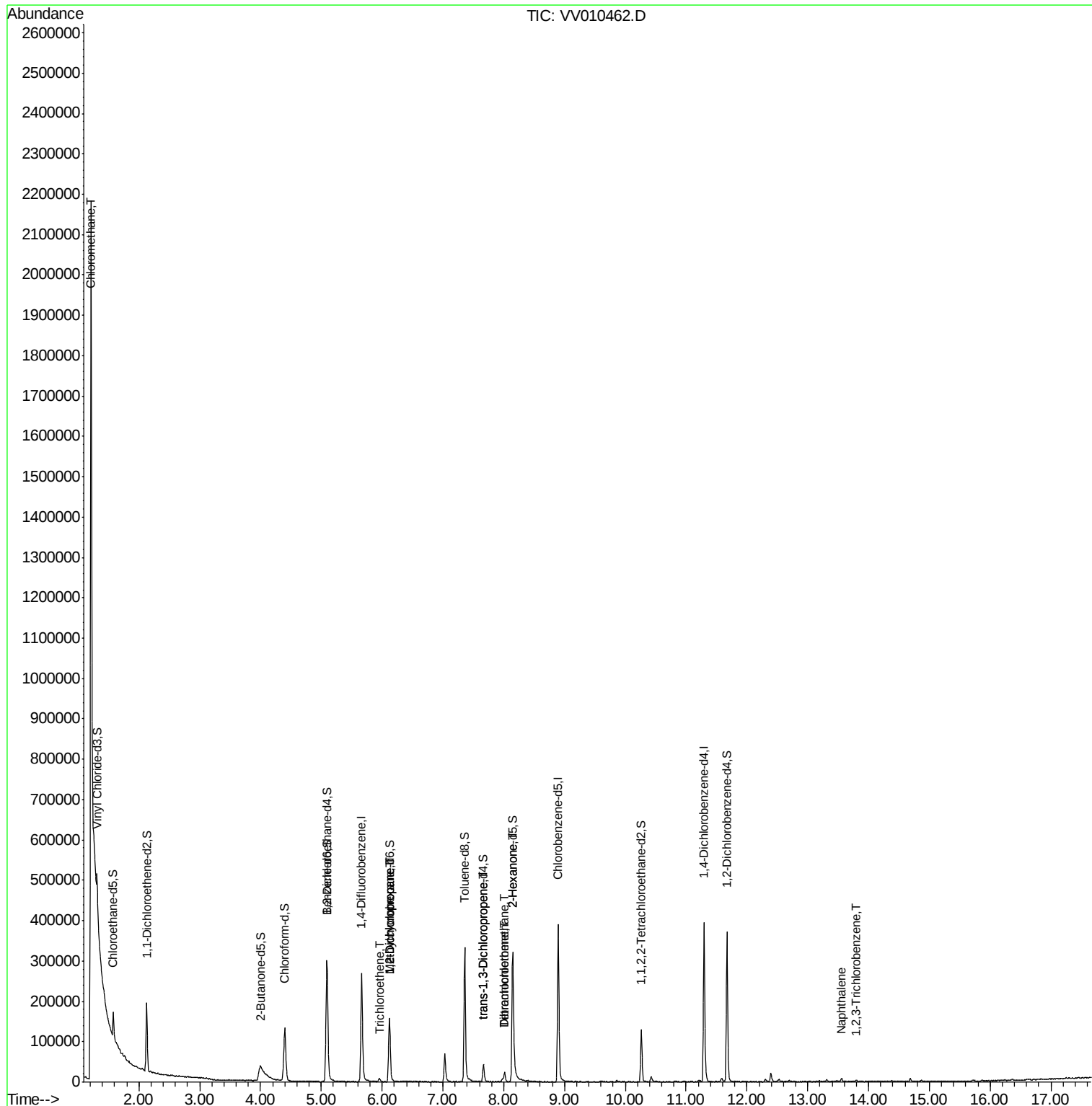
						Qvalue
3) Chloromethane	1.21	50	63404	4.276	ug/L #	43
34) Trichloroethene	5.96	95	2847	0.169	ug/L	92
35) Methylcyclohexane	6.12	83	19499	0.770	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8958	0.631	ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	1454	0.089	ug/L #	52
47) Tetrachloroethene	8.02	164	5210	0.346	ug/L	84
48) 2-Hexanone	8.14	43	15375	2.754	ug/L #	77
49) Dibromochloromethane	8.02	129	4242	0.316	ug/L #	9
69) Naphthalene	13.55	128	6560	0.211	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	1120	0.056	ug/L #	76

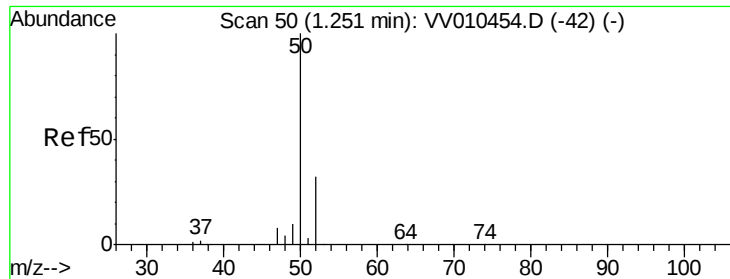
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010462.D
Acq On : 24 Apr 2019 15:02
Operator : SY/MD
Sample : K2428-22
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X32

Quant Time: Apr 25 02:24:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 02:19:56 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 4.276 ug/L

RT: 1.21 min Scan# 38

Delta R.T. -0.04 min

Lab File: VV010462.D

Acq: 24 Apr 2019 15:02

Instrument :

MSVOA_V

ClientSampleId :

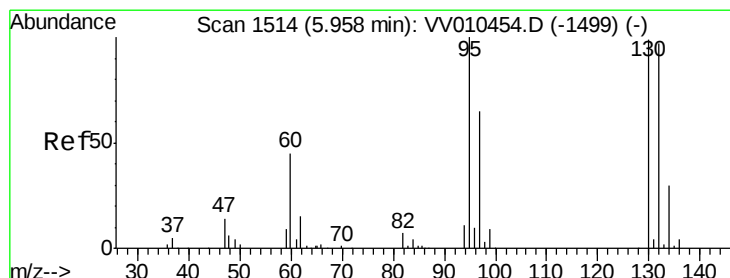
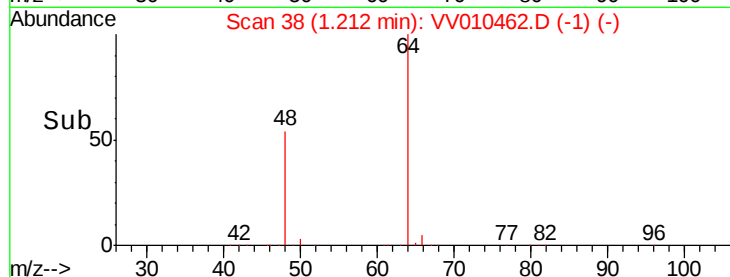
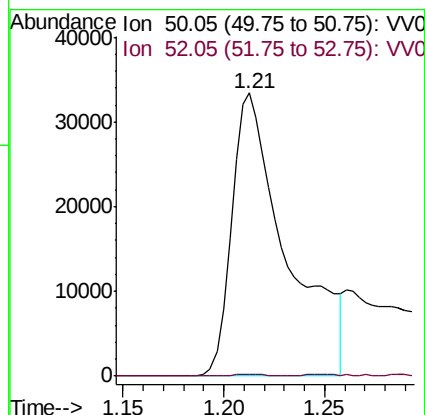
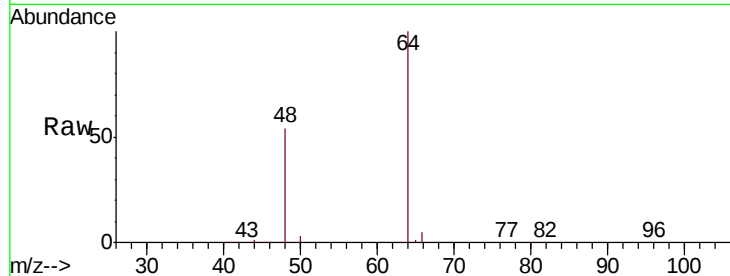
C0X32

Tgt Ion: 50 Resp: 63404

Ion Ratio Lower Upper

50 100

52 0.5 22.7 42.3#



#34

Trichloroethene

Concen: 0.169 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV010462.D

Acq: 24 Apr 2019 15:02

Tgt Ion: 95 Resp: 2847

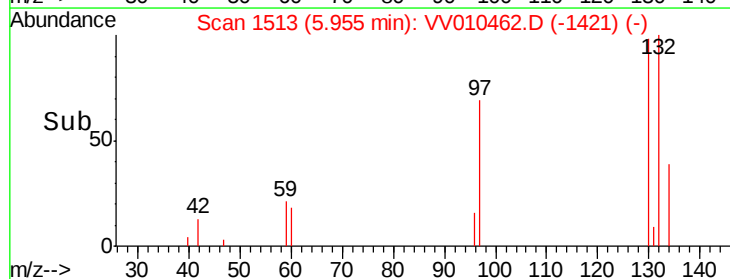
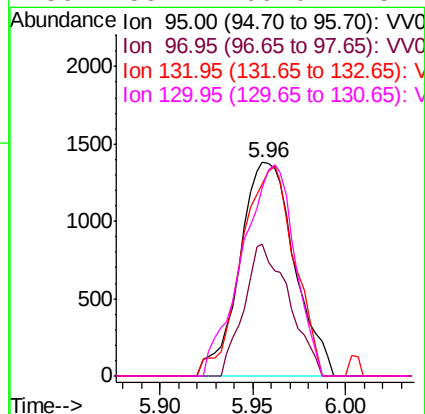
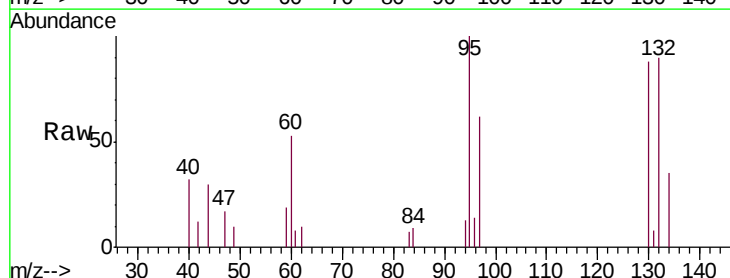
Ion Ratio Lower Upper

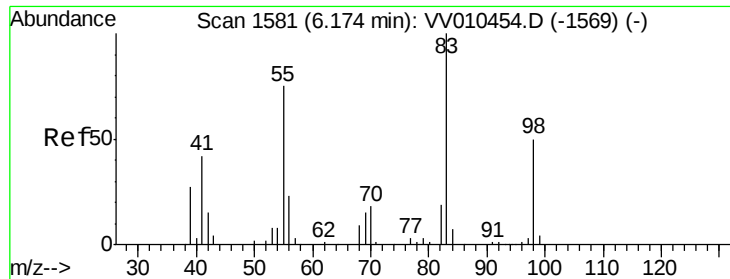
95 100

97 62.0 45.6 84.6

132 89.7 67.8 126.0

130 88.1 69.0 128.2

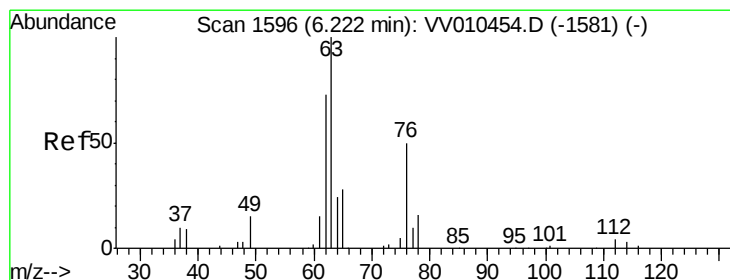
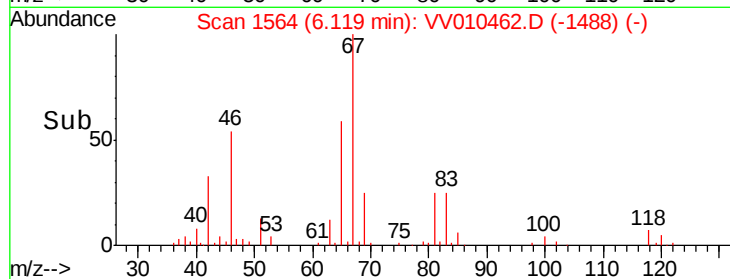
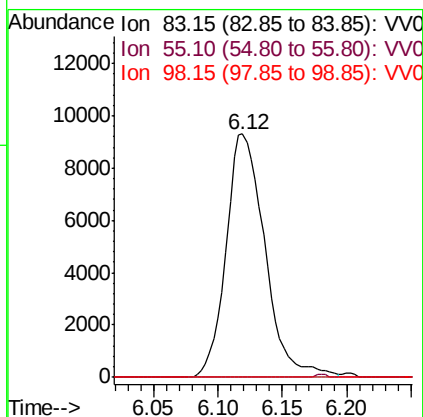
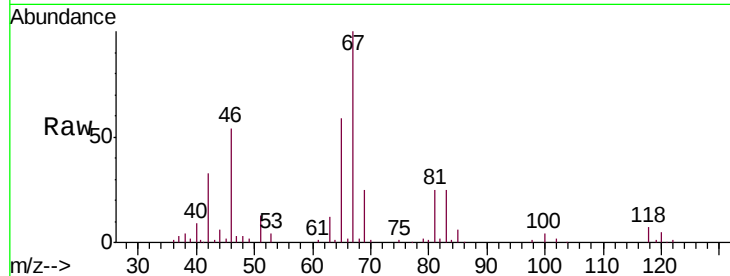




#35
Methylcyclohexane
Concen: 0.770 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010462.D
Acq: 24 Apr 2019 15:02

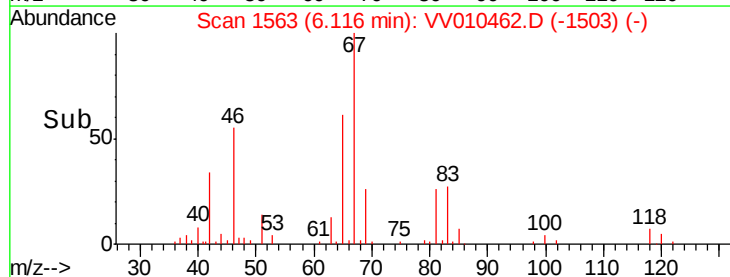
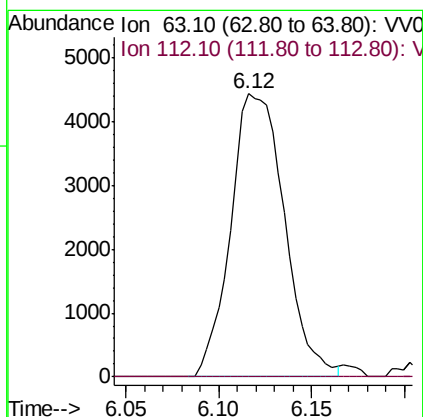
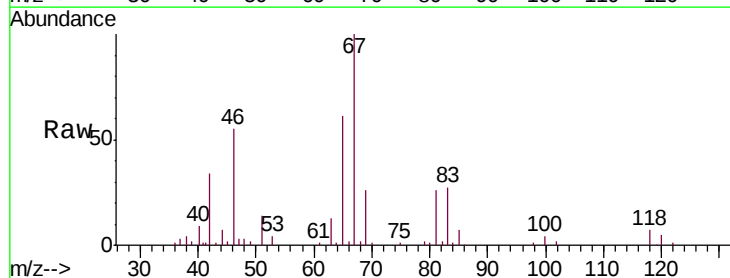
Instrument :
MSVOA_V
ClientSampleId :
C0X32

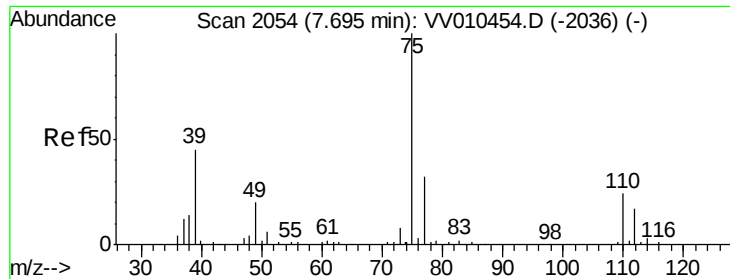
Tgt Ion: 83 Resp: 19499
Ion Ratio Lower Upper
83 100
55 0.4 57.8 86.6#
98 1.0 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV010462.D
Acq: 24 Apr 2019 15:02

Tgt Ion: 63 Resp: 8958
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#44

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV010462.D

Acq: 24 Apr 2019 15:02

Instrument :

MSVOA_V

ClientSampleId :

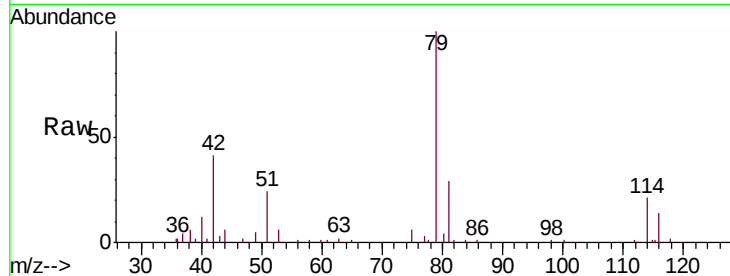
C0X32

Tgt Ion: 75 Resp: 1454

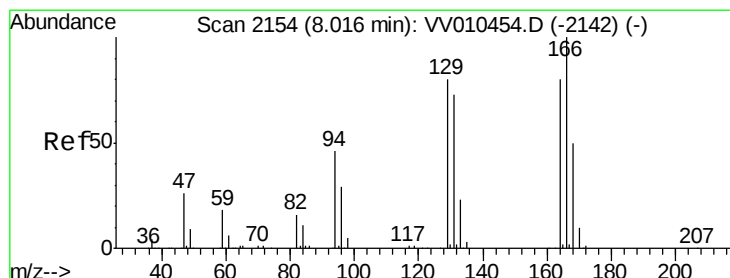
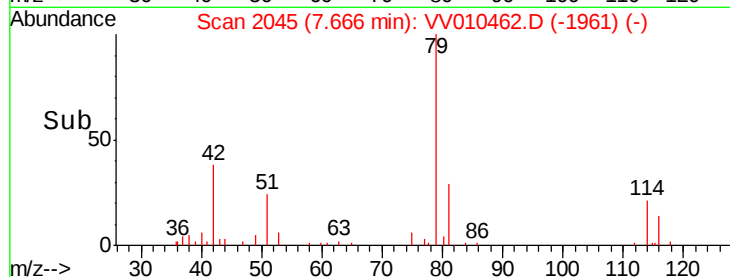
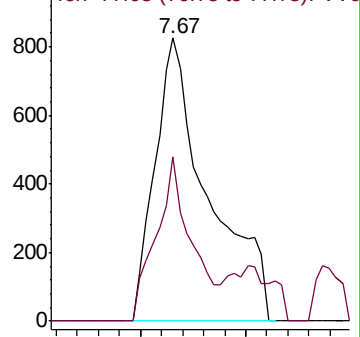
Ion Ratio Lower Upper

75 100

77 58.1 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV010454.D (-2036) (-)



#47

Tetrachloroethene

Concen: 0.346 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV010462.D

Acq: 24 Apr 2019 15:02

Tgt Ion: 164 Resp: 5210

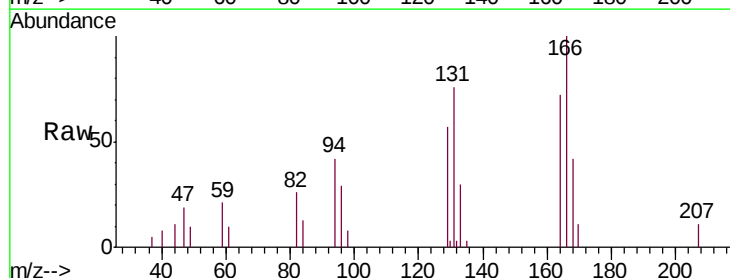
Ion Ratio Lower Upper

164 100

129 79.6 69.7 129.4

131 105.9 63.8 118.6

166 139.1 87.4 162.2

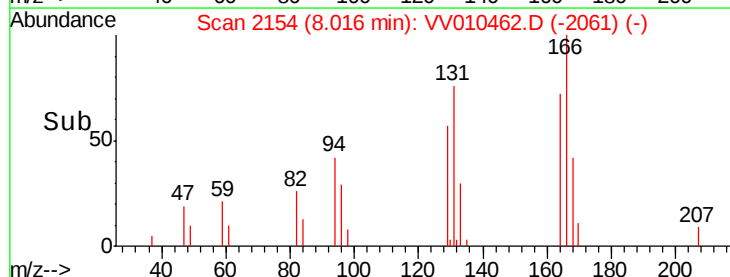
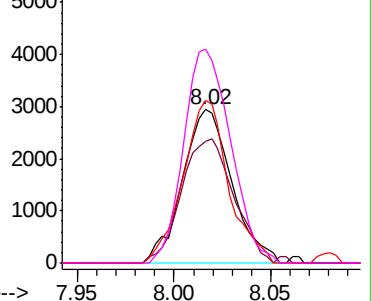


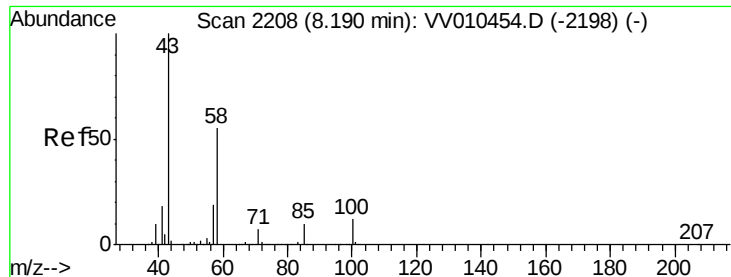
Abundance Ion 163.90 (163.60 to 164.60): VV010454.D (-2142) (-)

Ion 128.95 (128.65 to 129.65): VV010454.D (-2142) (-)

Ion 130.95 (130.65 to 131.65): VV010454.D (-2142) (-)

Ion 165.90 (165.60 to 166.60): VV010454.D (-2142) (-)

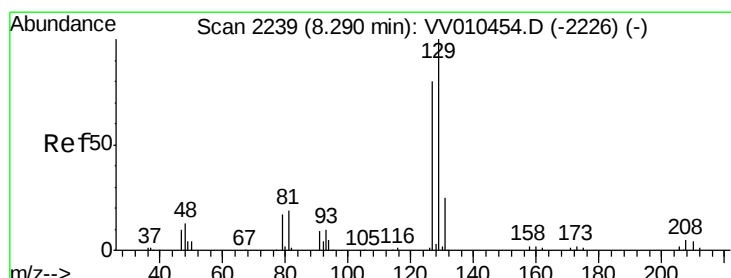
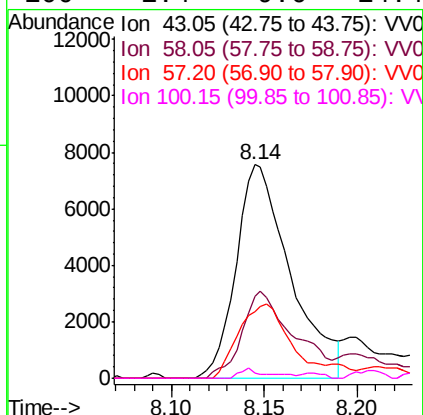
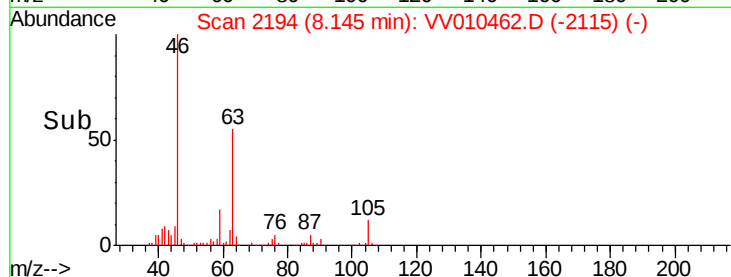
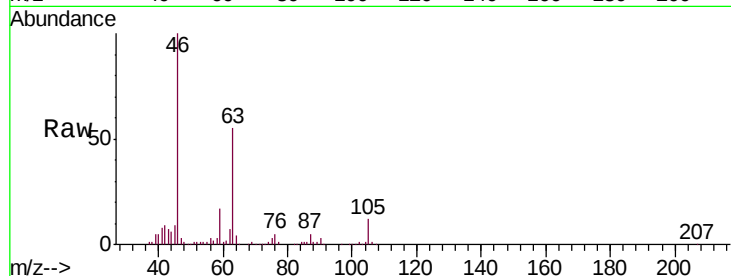




#48
2-Hexanone
Concen: 2.754 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.05 min
Lab File: VV010462.D
Acq: 24 Apr 2019 15:02

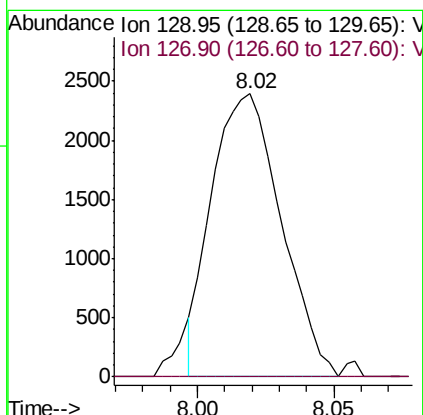
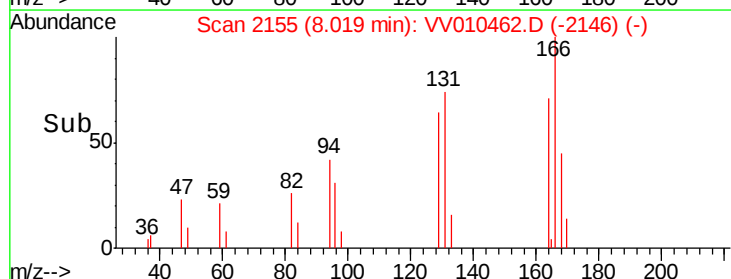
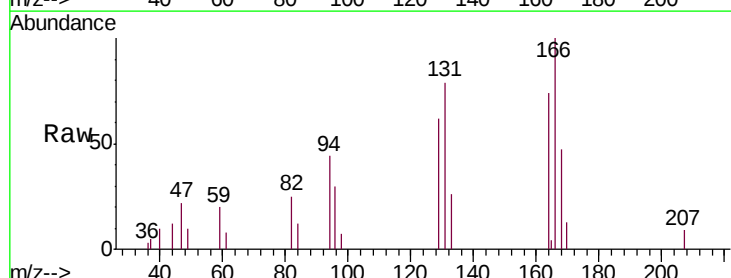
Instrument :
MSVOA_V
ClientSampleId :
C0X32

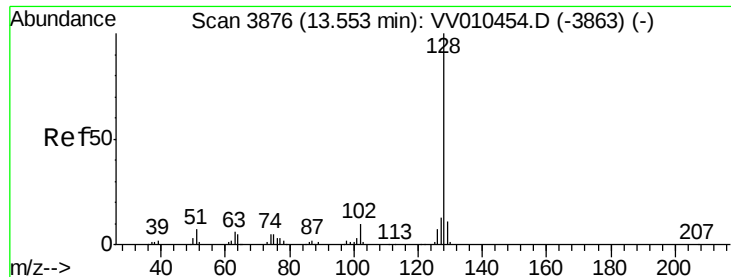
Tgt Ion: 43 Resp: 15375
Ion Ratio Lower Upper
43 100
58 38.9 42.2 63.4#
57 32.9 15.3 22.9#
100 1.4 9.6 14.4#



#49
Dibromochloromethane
Concen: 0.316 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV010462.D
Acq: 24 Apr 2019 15:02

Tgt Ion: 129 Resp: 4242
Ion Ratio Lower Upper
129 100
127 0.0 56.1 104.1#





#69

Naphthalene

Concen: 0.211 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. -0.00 min

Lab File: VV010462.D

Acq: 24 Apr 2019 15:02

Instrument :

MSVOA_V

ClientSampled :

C0X32

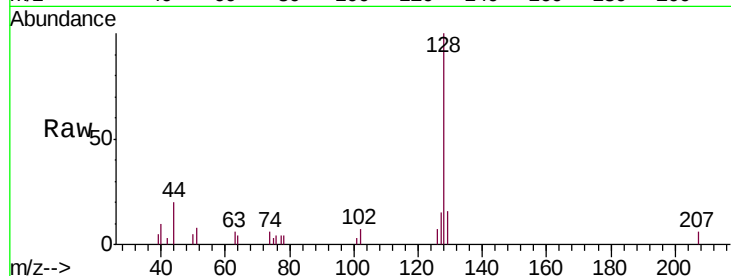
Tgt Ion:128 Resp: 6560

Ion Ratio Lower Upper

128 100

129 12.5 8.7 13.1

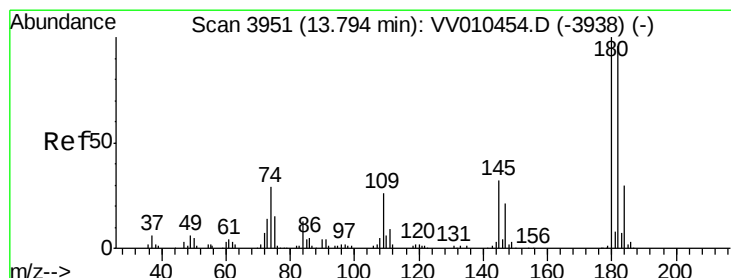
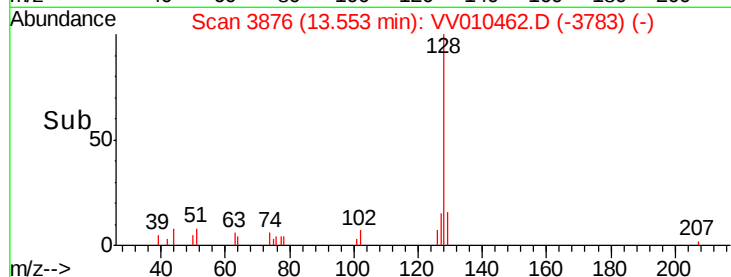
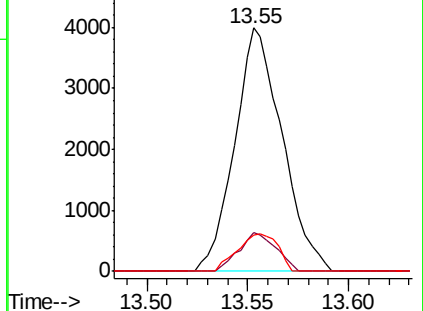
127 13.2 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.056 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. 0.00 min

Lab File: VV010462.D

Acq: 24 Apr 2019 15:02

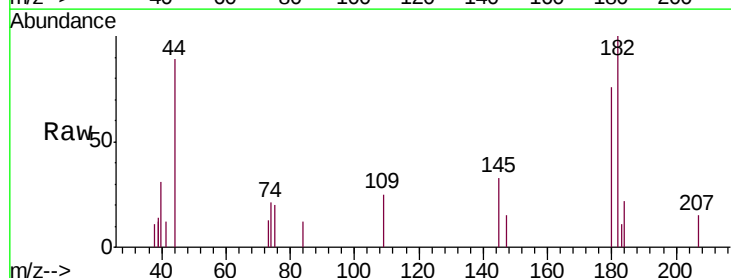
Tgt Ion:180 Resp: 1120

Ion Ratio Lower Upper

180 100

182 123.9 76.9 115.3#

145 26.2 25.4 38.0



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

