

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091318\
 Data File : VV007530.D
 Acq On : 14 Sep 2018 00:39
 Operator : SY/MD
 Sample : J4888-01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 14 05:12:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 05:10:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	129036	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	115269	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61212	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27814	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.59	69	25210	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.14	63	50217	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.97	46	63435	67.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.94%#
24) Chloroform-d	4.41	84	61060	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.09	65	30829	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.10	84	119058	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.13	67	35897	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	117654	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.67	79	14566	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.14	63	32064	55.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25639	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	48250	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	1350	0.199	ug/L #	44
12) 1,1-Dichloroethene	2.14	96	8187	1.250	ug/L #	6
13) Acetone	2.22	43	5160	8.404	ug/L	98
15) Methyl Acetate	2.44	43	1363	0.810	ug/L #	43
16) Methylene chloride	2.54	84	3427	0.484	ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	22251	3.168	ug/L	95
25) Chloroform	4.43	83	2053	0.173	ug/L	91
29) 1,1,1-Trichloroethane	4.66	97	10067	0.898	ug/L	99
31) Carbon tetrachloride	4.66	117	1285	0.122	ug/L	100
34) Trichloroethene	5.96	95	156930	21.497	ug/L	97
35) Methylcyclohexane	6.13	83	8865	0.786	ug/L #	24
37) 1,2-Dichloropropane	6.13	63	4209	0.718	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1165	0.125	ug/L #	45
44) trans-1,3-Dichloropropene	7.67	75	723	0.094	ug/L #	76
48) 2-Hexanone	8.15	43	5960	2.424	ug/L #	76
53) m,p-xylene	9.19	106	2710	0.226	ug/L	95
69) Naphthalene	13.56	128	1506	0.143	ug/L #	75

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091318\
Data File : VV007530.D
Acq On : 14 Sep 2018 00:39
Operator : SY/MD
Sample : J4888-01
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 14 05:12:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 14 05:10:24 2018
Response via : Initial Calibration

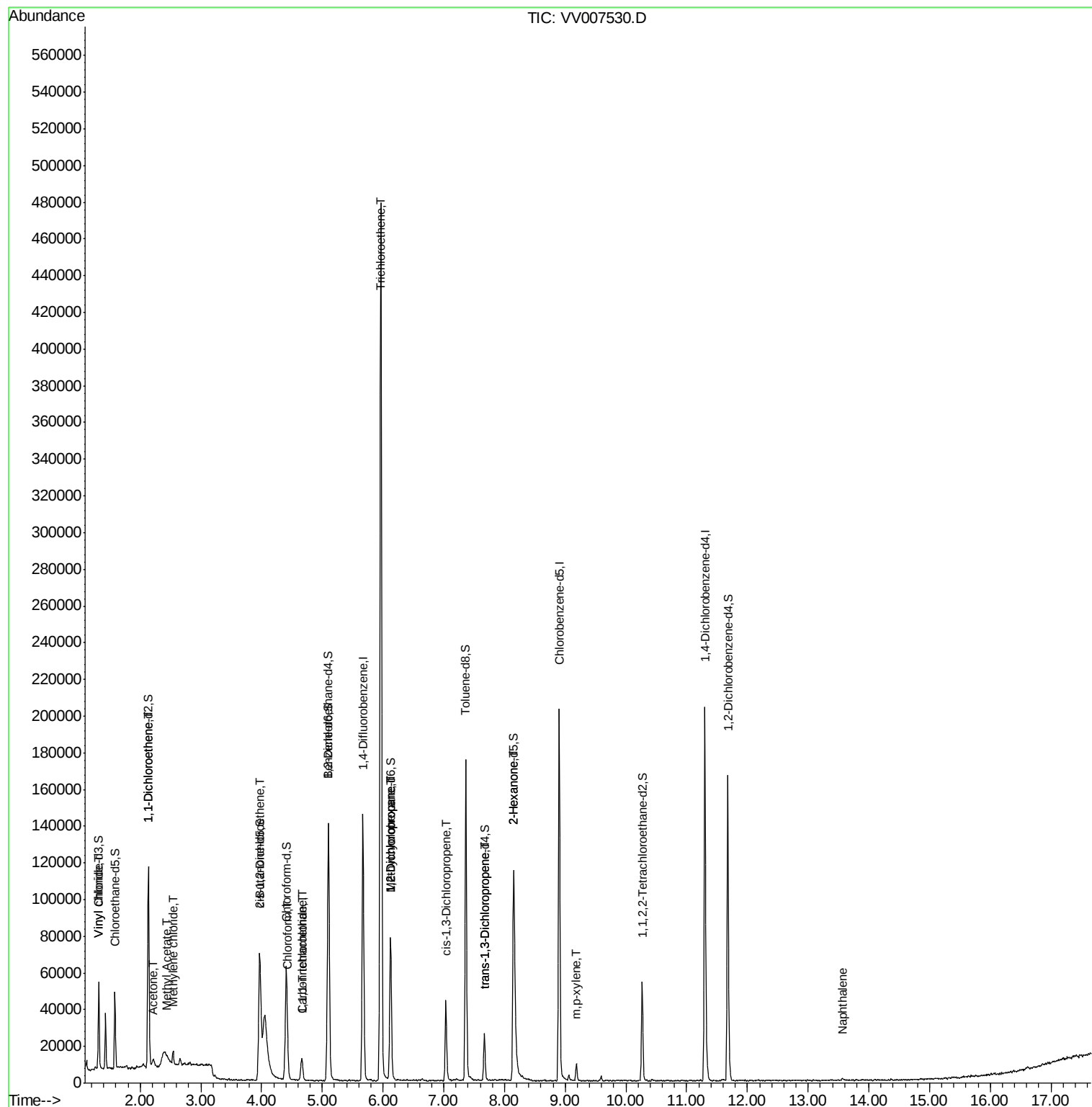
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

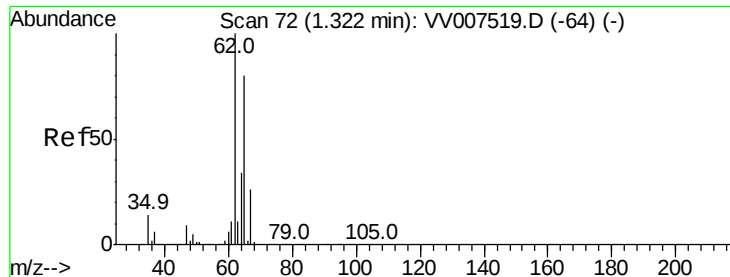
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV091318\
Data File : VV007530.D
Acq On : 14 Sep 2018 00:39
Operator : SY/MD
Sample : J4888-01
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 14 05:12:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 14 05:10:24 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.199 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV007530.D

Acq: 14 Sep 2018 00:39

Instrument :

MSVOA_V

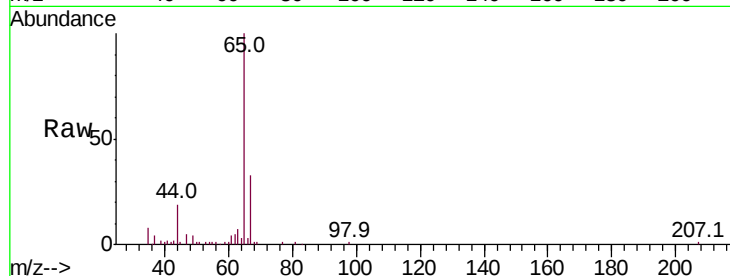
ClientSampled :

Tot Ion: 62 Resp: 1350

Ion Ratio Lower Upper

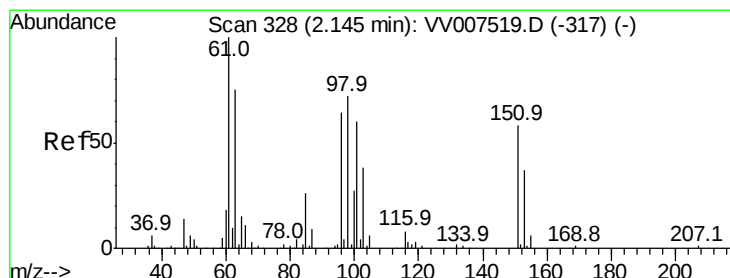
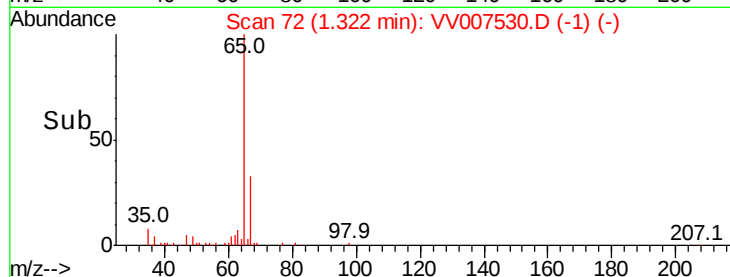
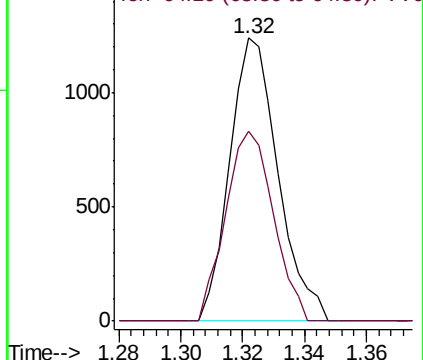
62 100

64 67.2 24.4 45.2#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 1.250 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV007530.D

Acq: 14 Sep 2018 00:39

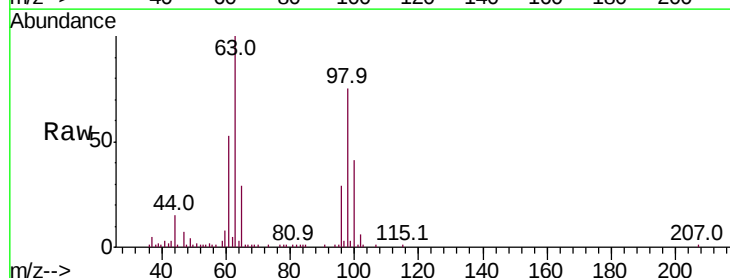
Tgt Ion: 96 Resp: 8187

Ion Ratio Lower Upper

96 100

61 182.0 114.8 213.2

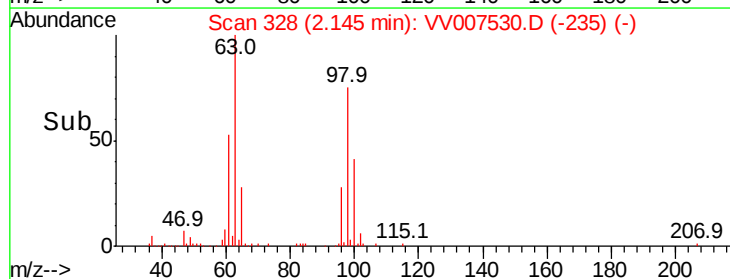
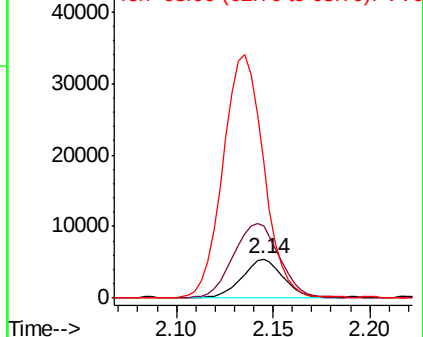
63 342.1 81.8 151.8#

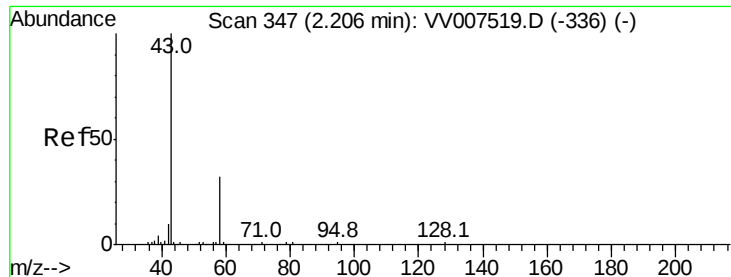


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 8.404 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV007530.D

Acq: 14 Sep 2018 00:39

Instrument :

MSVOA_V

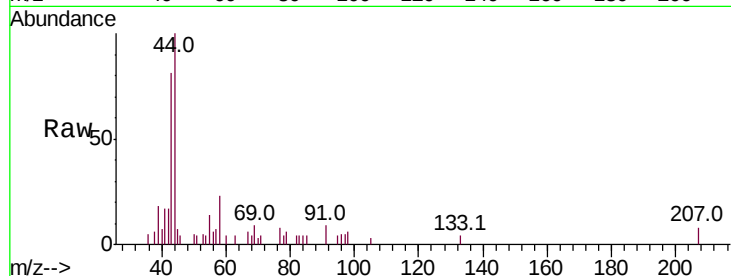
ClientSampled :

Tot Ion: 43 Resp: 5160

Ion Ratio Lower Upper

43 100

58 32.8 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VV007519.D (-336) (-)

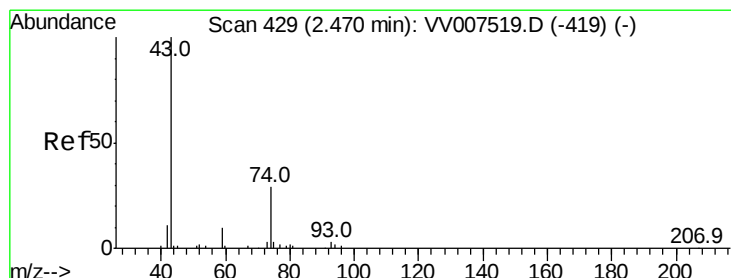
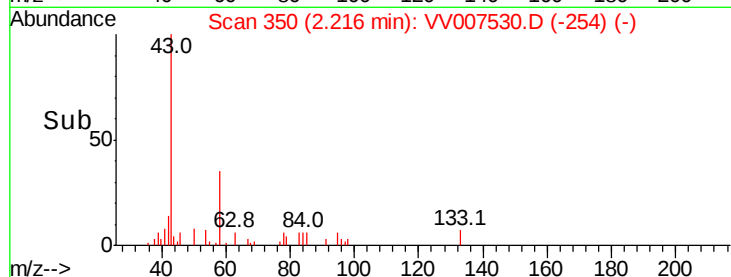
Ion 58.05 (57.75 to 58.75): VV007519.D (-336) (-)

2.22

2.25

2.30

Time-->



#15

Methyl Acetate

Concen: 0.810 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.03 min

Lab File: VV007530.D

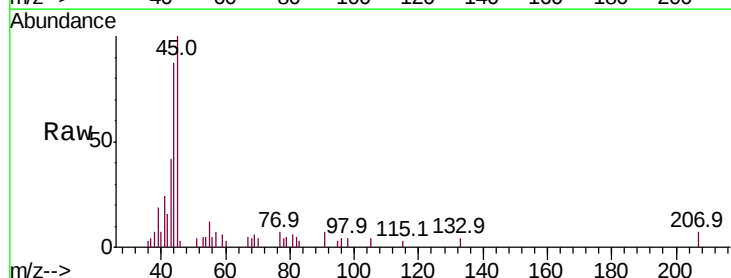
Acq: 14 Sep 2018 00:39

Tgt Ion: 43 Resp: 1363

Ion Ratio Lower Upper

43 100

74 0.0 25.4 38.2#



Abundance Ion 43.05 (42.75 to 43.75): VV007519.D (-419) (-)

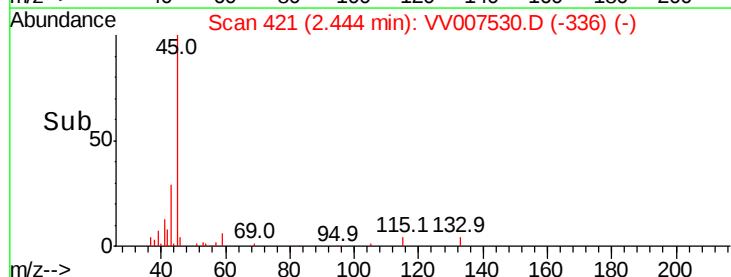
Ion 74.05 (73.75 to 74.75): VV007519.D (-419) (-)

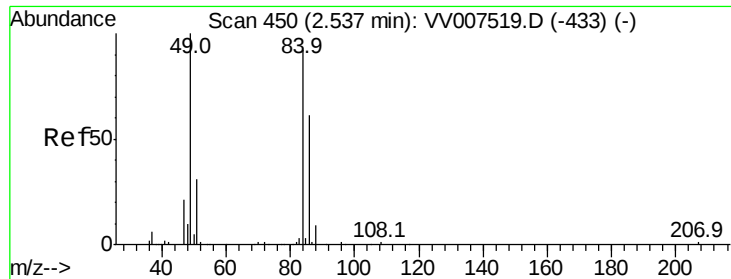
2.44

2.46

2.48

Time-->

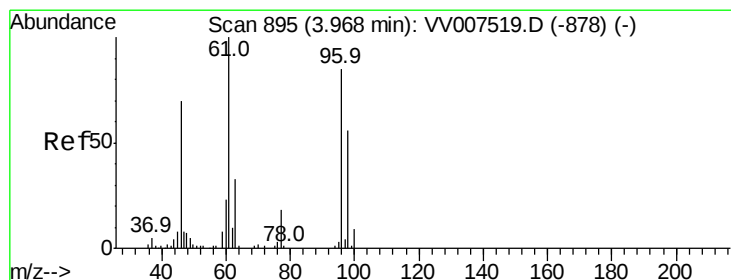
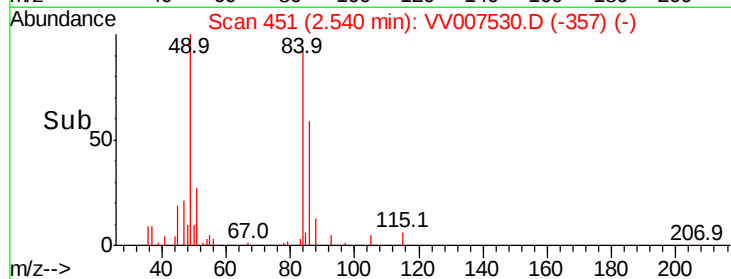
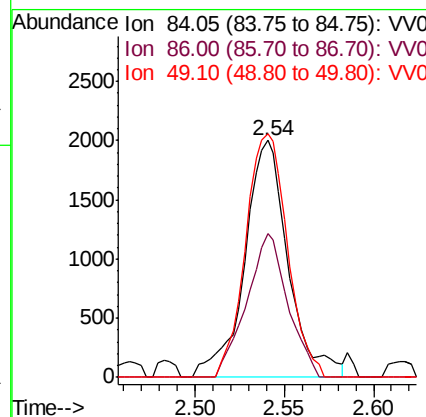
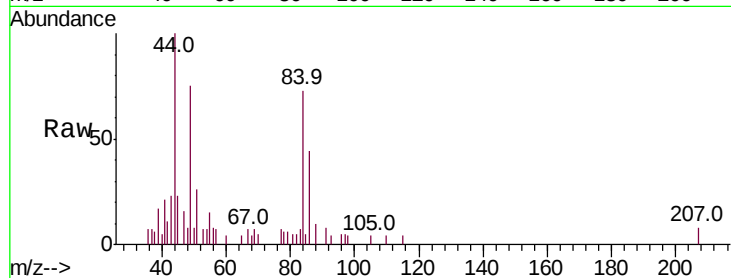




#16
Methvlene chloride
Concen: 0.484 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007530.D
Acq: 14 Sep 2018 00:39

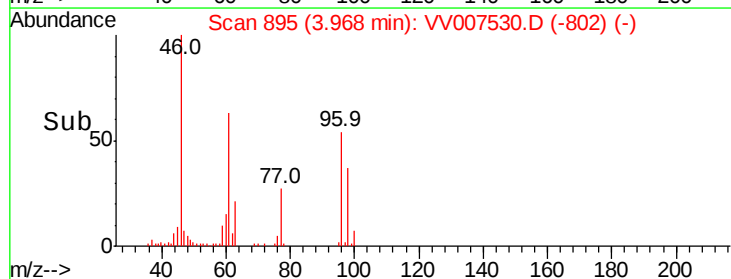
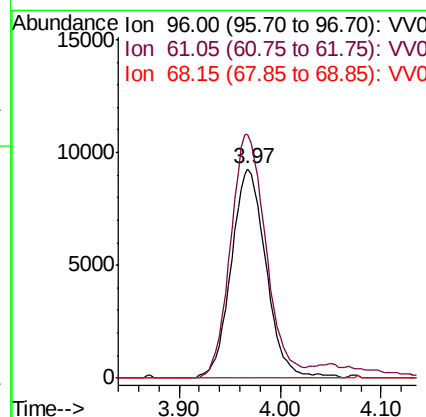
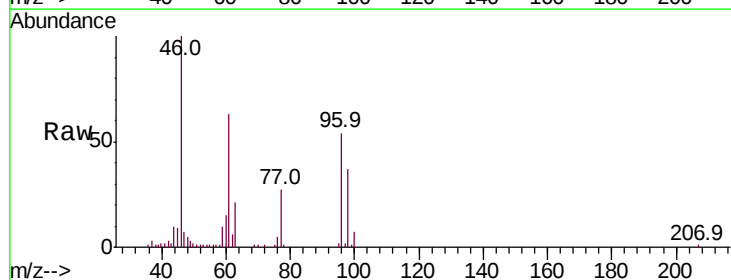
Instrument :
MSVOA_V
ClientSampled :

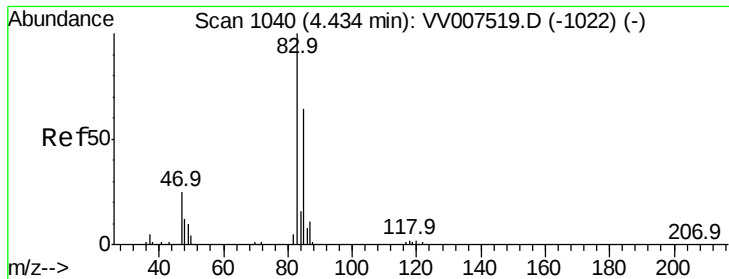
Tot Ion: 84 Resp: 3427
Ion Ratio Lower Upper
84 100
86 60.6 43.7 81.1
49 102.7 76.8 142.6



#22
cis-1,2-Dichloroethene
Concen: 3.168 ug/L
RT: 3.97 min Scan# 895
Delta R.T. -0.00 min
Lab File: VV007530.D
Acq: 14 Sep 2018 00:39

Tgt Ion: 96 Resp: 22251
Ion Ratio Lower Upper
96 100
61 116.4 85.3 158.5
68 0.0 0.0 0.0

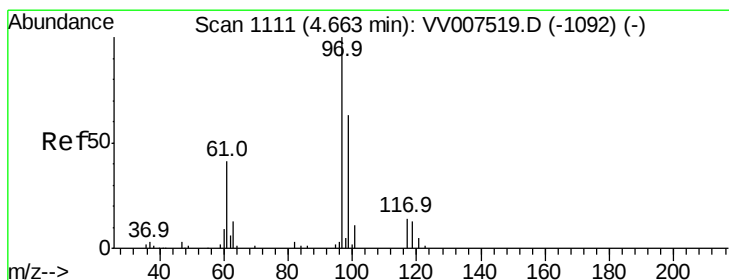
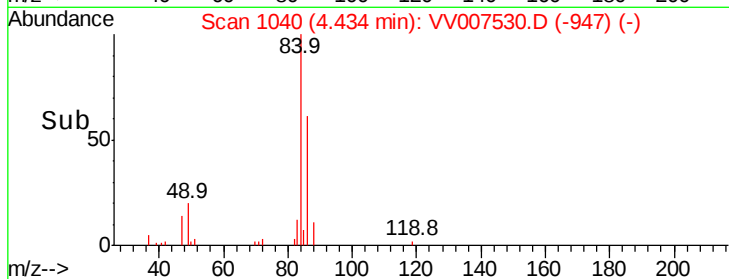
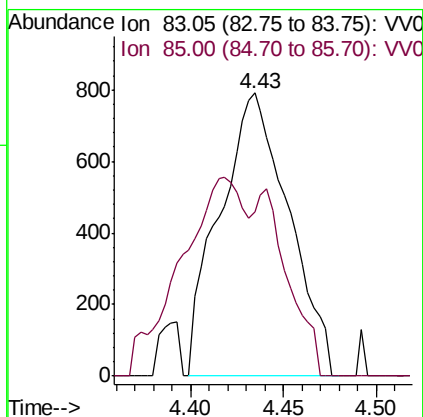
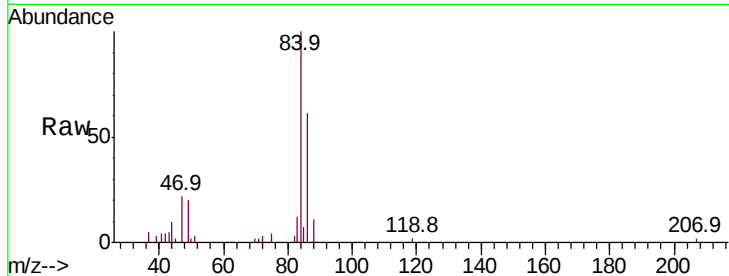




#25
Chloroform
Concen: 0.173 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VV007530.D
Acq: 14 Sep 2018 00:39

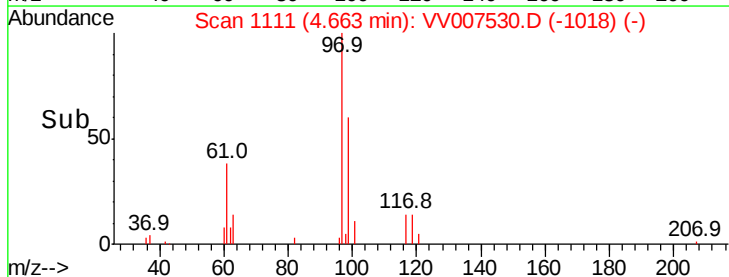
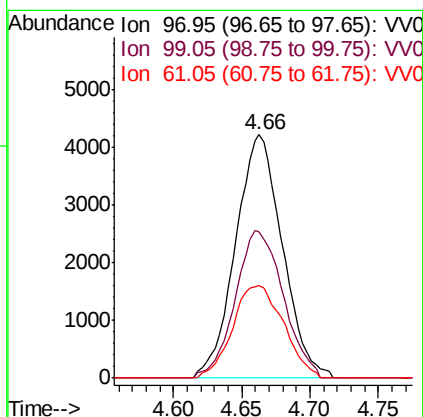
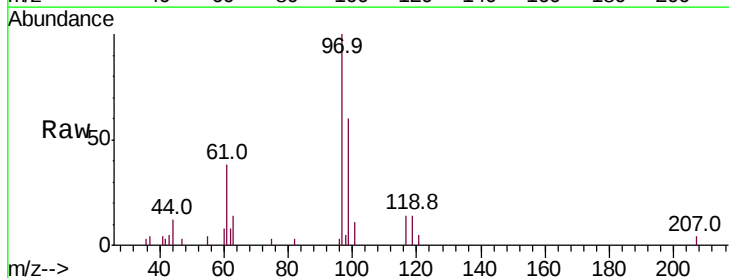
Instrument :
MSVOA_V
ClientSampled :

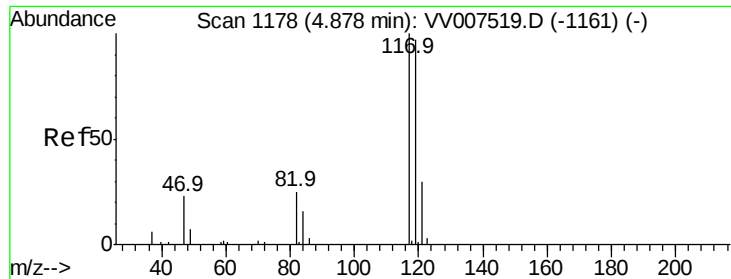
Tot Ion: 83 Resp: 2053
Ion Ratio Lower Upper
83 100
85 58.0 45.5 84.5



#29
1,1,1-Trichloroethane
Concen: 0.898 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VV007530.D
Acq: 14 Sep 2018 00:39

Tgt Ion: 97 Resp: 10067
Ion Ratio Lower Upper
97 100
99 62.2 50.7 76.1
61 41.4 32.5 48.7

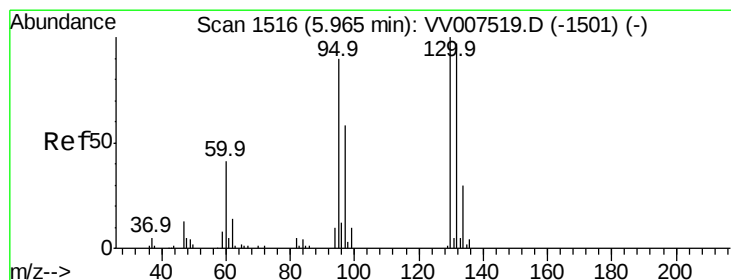
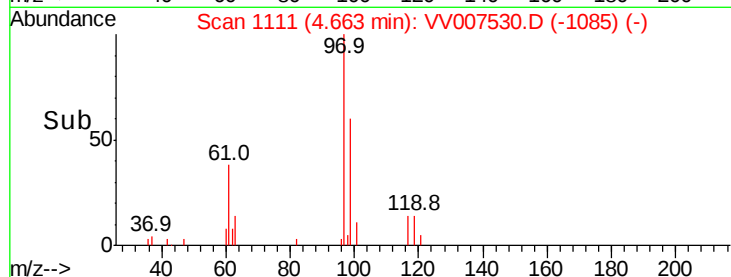
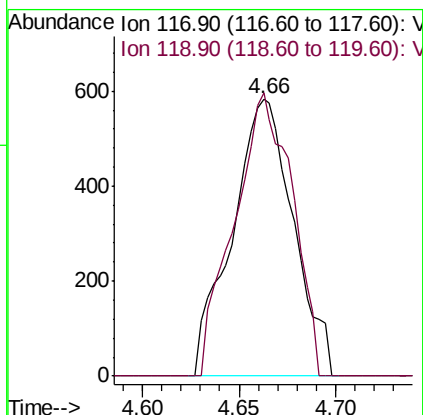
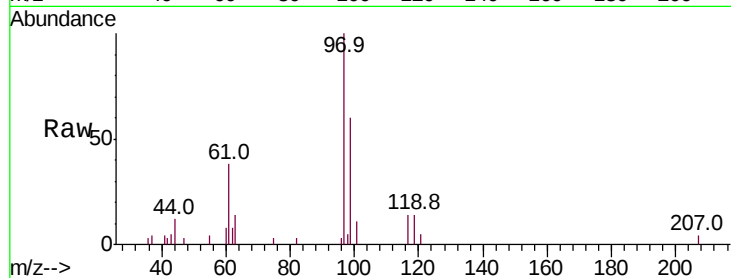




#31
Carbon tetrachloride
Concen: 0.122 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.22 min
Lab File: VV007530.D
Acq: 14 Sep 2018 00:39

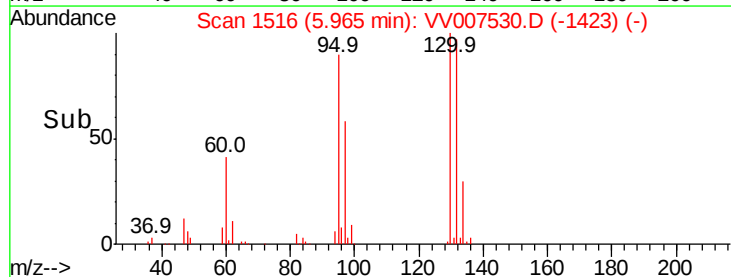
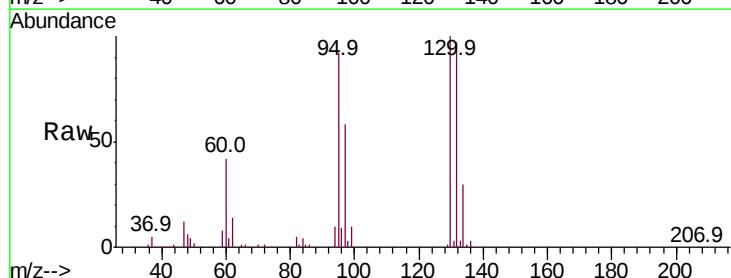
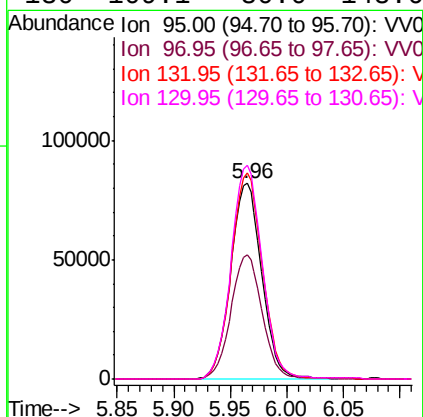
Instrument :
MSVOA_V
ClientSampleId :

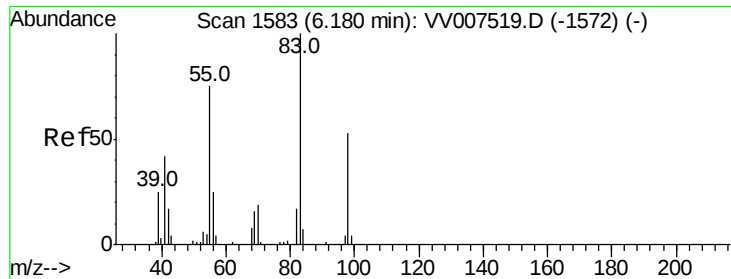
Tot Ion:117 Resp: 1285
Ion Ratio Lower Upper
117 100
119 97.0 77.5 116.3



#34
Trichloroethene
Concen: 21.497 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VV007530.D
Acq: 14 Sep 2018 00:39

Tgt Ion: 95 Resp: 156930
Ion Ratio Lower Upper
95 100
97 63.6 45.5 84.5
132 105.5 74.9 139.1
130 109.1 80.0 148.6

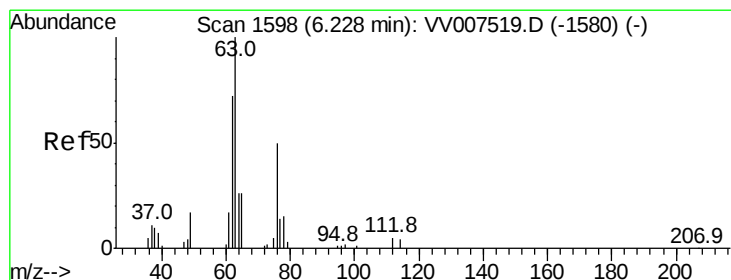
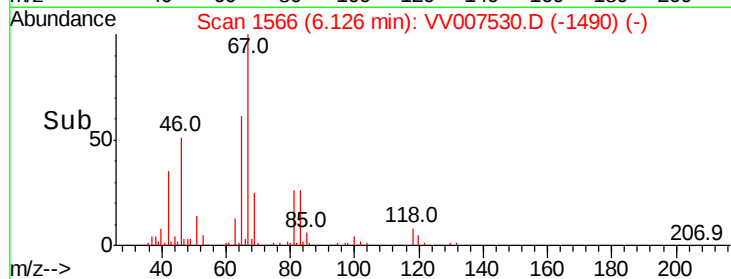
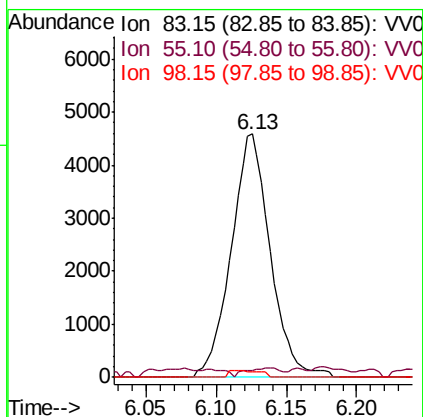
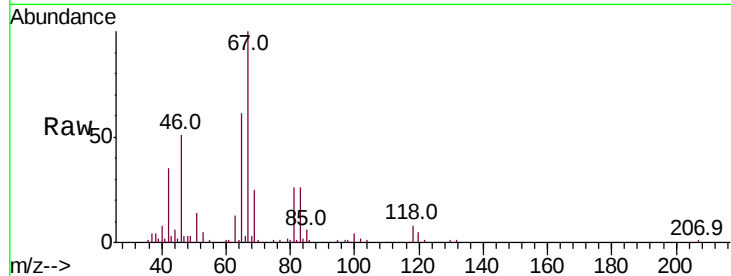




#35
Methvlcvclohexane
Concen: 0.786 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007530.D
Acq: 14 Sep 2018 00:39

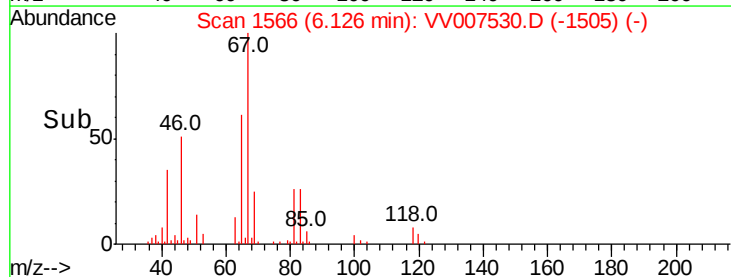
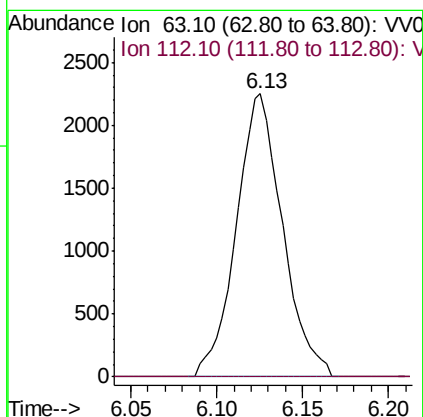
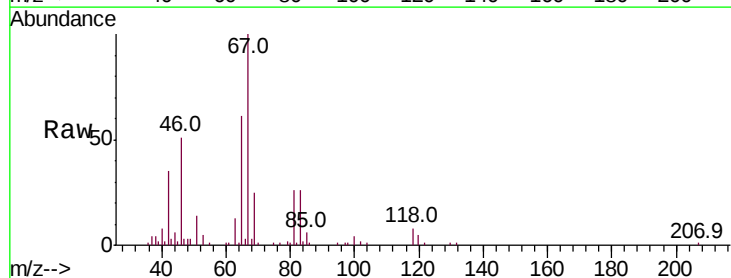
Instrument :
MSVOA_V
ClientSampleId :

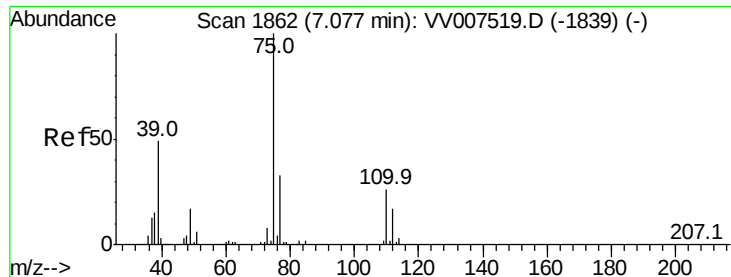
Tot Ion	Ratio	Lower	Upper
83	100		
55	3.3	55.0	82.4#
98	0.0	37.6	56.4#



#37
1,2-Dichloropropane
Concen: 0.718 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007530.D
Acq: 14 Sep 2018 00:39

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#





#39

cis-1,3-Dichloropropene

Concen: 0.125 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.05 min

Lab File: VV007530.D

Acq: 14 Sep 2018 00:39

Instrument :

MSVOA_V

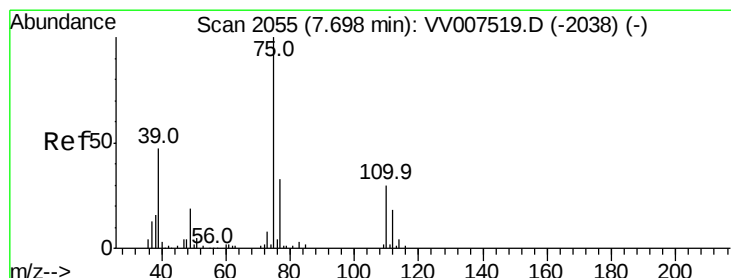
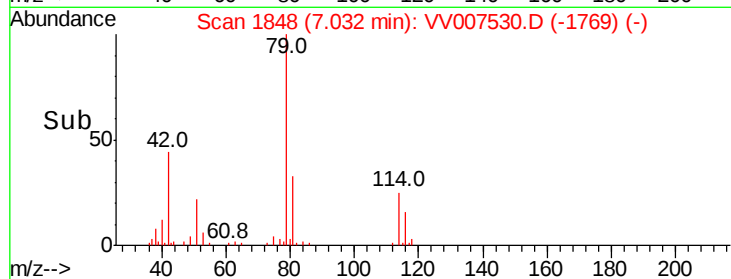
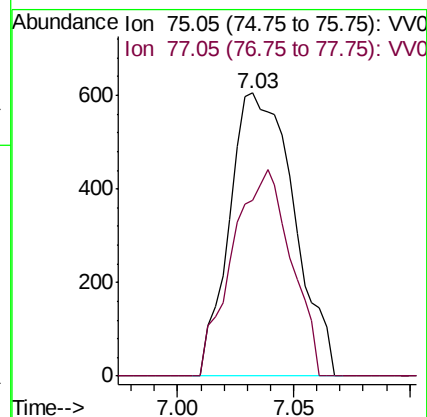
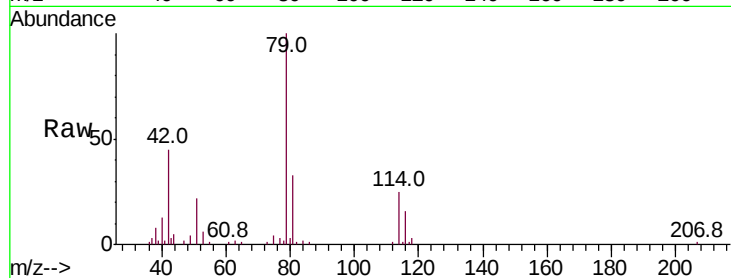
ClientSampleId :

Tot Ion: 75 Resp: 1165

Ion Ratio Lower Upper

75 100

77 62.1 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007530.D

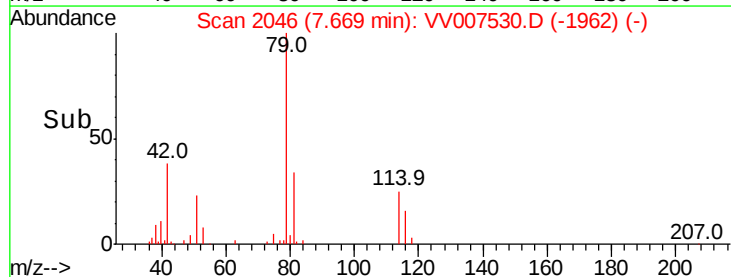
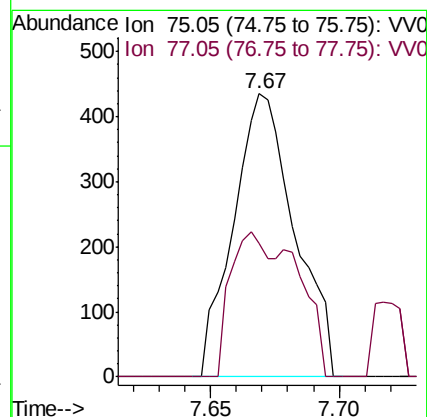
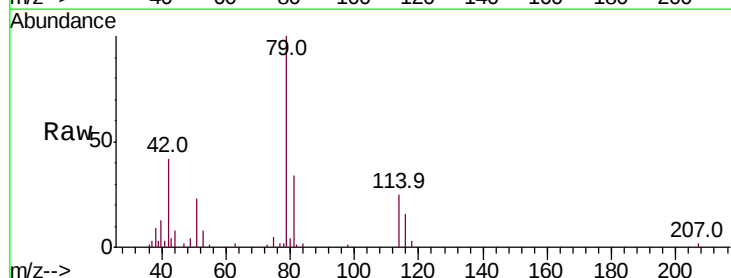
Acq: 14 Sep 2018 00:39

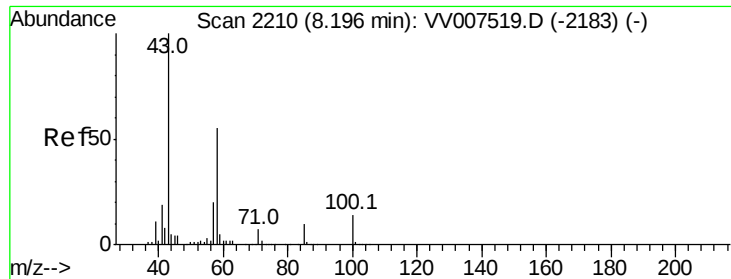
Tgt Ion: 75 Resp: 723

Ion Ratio Lower Upper

75 100

77 47.1 23.4 43.4#

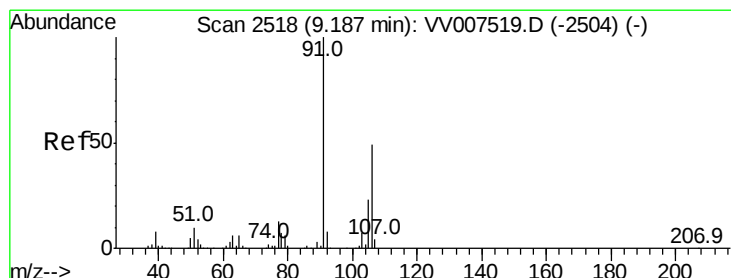
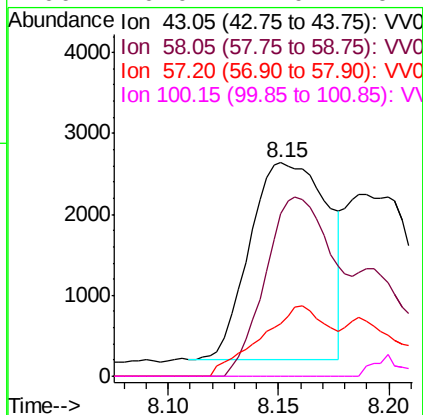
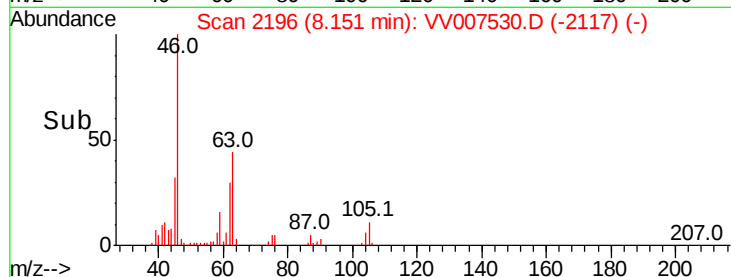
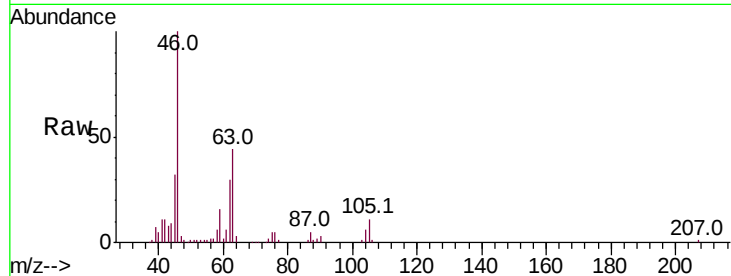




#48
2-Hexanone
Concen: 2.424 ug/L
RT: 8.15 min Scan# 2196
Delta R.T. -0.05 min
Lab File: VV007530.D
Acq: 14 Sep 2018 00:39

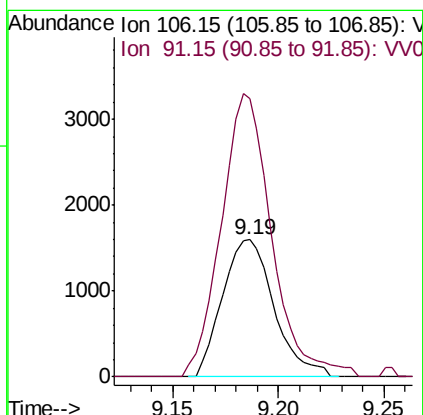
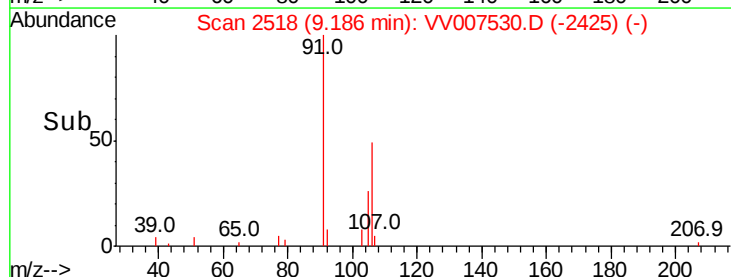
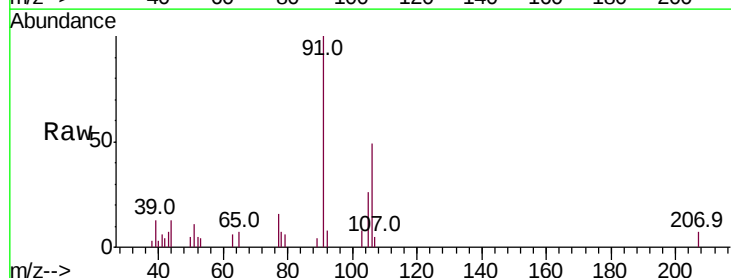
Instrument :
MSVOA_V
ClientSampleId :

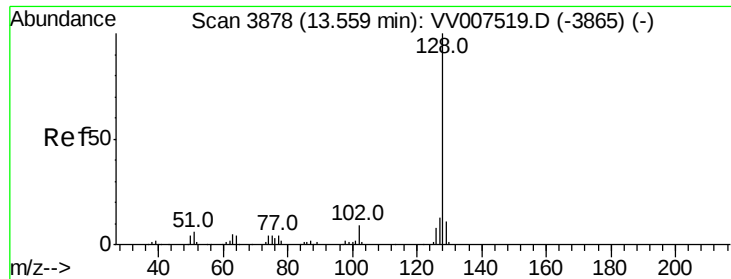
Tot Ion: 43 Resp: 5960
Ion Ratio Lower Upper
43 100
58 81.6 49.8 74.6#
57 31.0 18.2 27.4#
100 0.0 11.0 16.4#



#53
m,p-xylene
Concen: 0.226 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VV007530.D
Acq: 14 Sep 2018 00:39

Tgt Ion: 106 Resp: 2710
Ion Ratio Lower Upper
106 100
91 203.1 137.2 254.8





#69

Naphthalene

Concen: 0.143 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.00 min

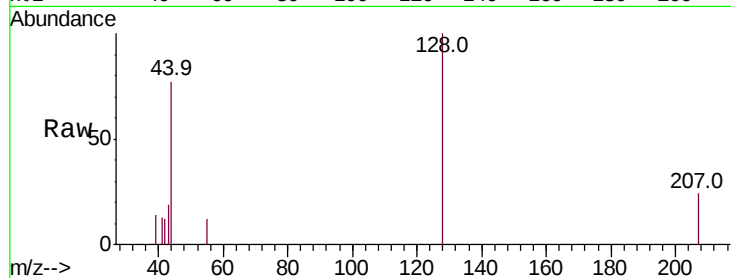
Lab File: VV007530.D

Acq: 14 Sep 2018 00:39

Instrument :

MSVOA_V

ClientSampleId :



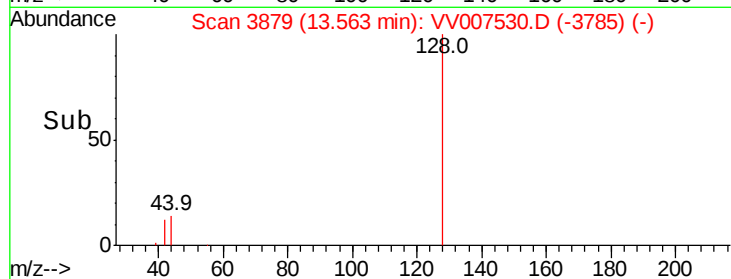
Tot Ion:128 Resp: 1506

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

127 4.4 10.5 15.7#



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

