

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008324.D
 Acq On : 17 Oct 2018 04:37
 Operator : SY/MD
 Sample : J5463-11
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JC2

Quant Time: Oct 17 05:07:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 05:02:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	79689	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	69376	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	26644	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21875	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.58	69	17484	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.14	63	36177	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	3.96	46	73206	48.47	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.94%
24) Chloroform-d	4.41	84	43528	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.09	65	22909	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.10	84	91571	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.12	67	31510	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	81656	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.67	79	10774	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.14	63	43214	44.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.62%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19034	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	24217	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1337	0.213	ug/L	87
5) Vinyl chloride	1.32	62	618	0.104	ug/L #	30
12) 1,1-Dichloroethene	2.14	96	6179	1.614	ug/L #	31
13) Acetone	2.20	43	2303	2.818	ug/L	76
19) 1,1-Dichloroethane	3.23	63	979	0.115	ug/L #	85
22) cis-1,2-Dichloroethene	3.96	96	9494	1.428	ug/L #	89
25) Chloroform	4.43	83	6827	0.655	ug/L	83
29) 1,1,1-Trichloroethane	4.66	97	1052	0.122	ug/L #	79
34) Trichloroethene	5.96	95	292335	45.123	ug/L	97
35) Methylcyclohexane	6.12	83	7019	0.642	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3246	0.515	ug/L #	90
39) cis-1,3-Dichloropropene	7.04	75	861	0.096	ug/L #	53
47) Tetrachloroethene	8.02	164	8910	2.195	ug/L	97
48) 2-Hexanone	8.19	43	15357	5.439	ug/L #	90
49) Dibromochloromethane	8.02	129	8945	2.004	ug/L #	10

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QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration

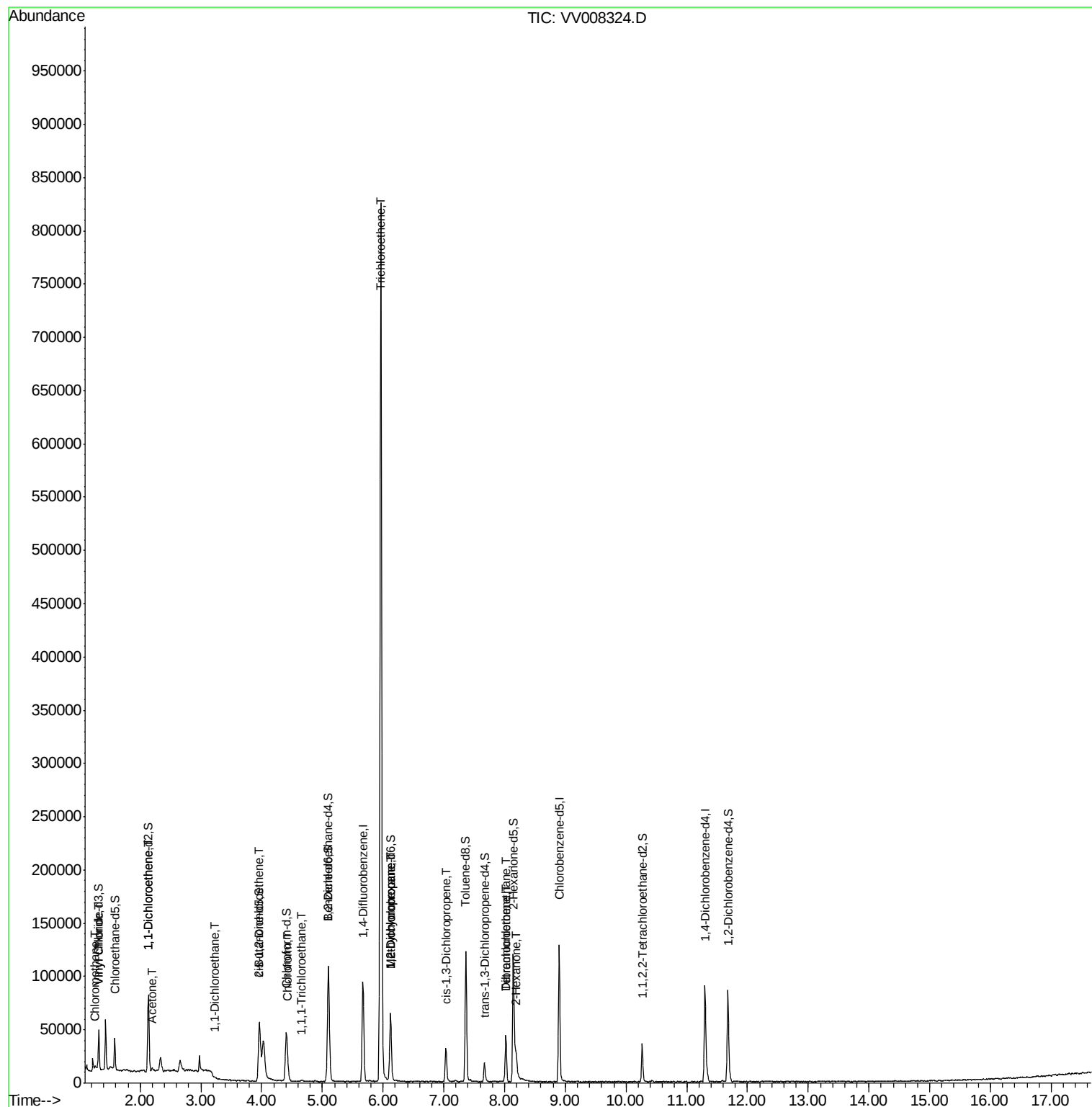
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

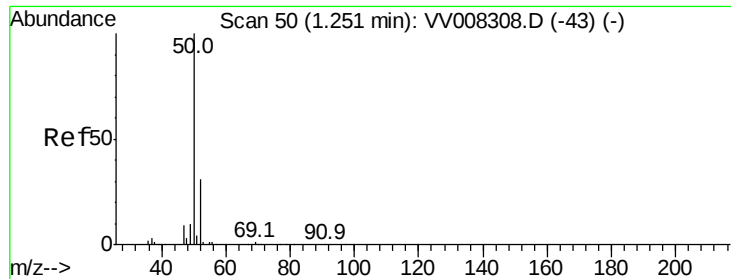
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.213 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008324.D

Acq: 17 Oct 2018 04:37

Instrument :

MSVOA_V

ClientSampleId :

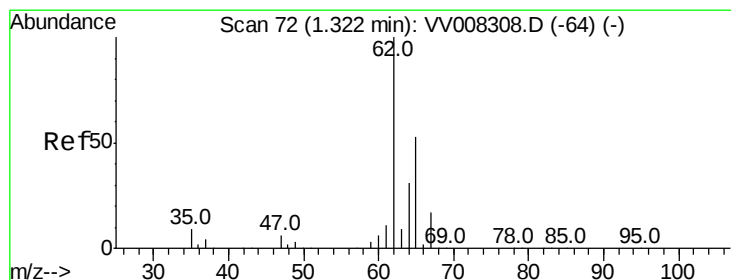
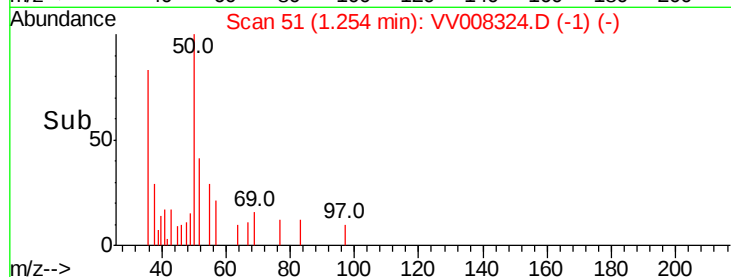
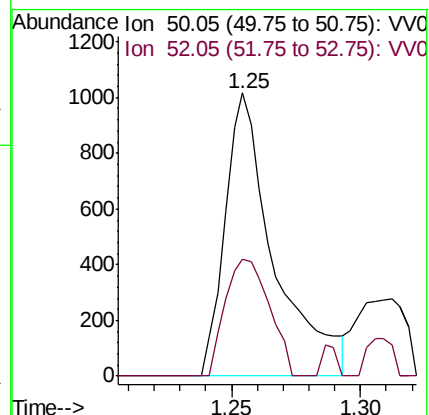
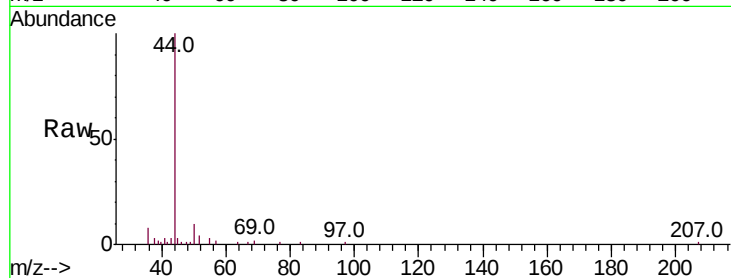
C0JC2

Tot Ion: 50 Resp: 1337

Ion Ratio Lower Upper

50 100

52 41.3 23.7 43.9



#5

Vinyl chloride

Concen: 0.104 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008324.D

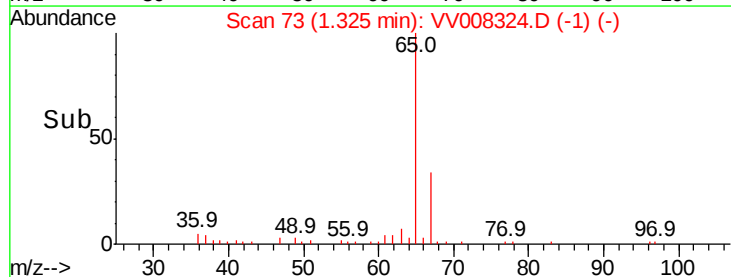
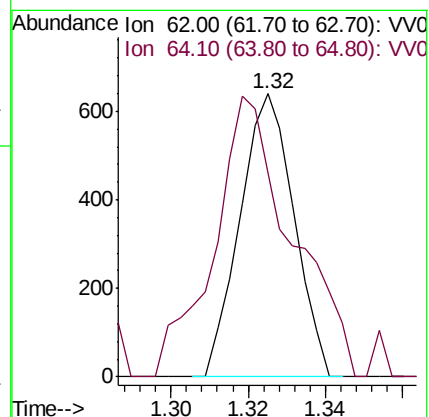
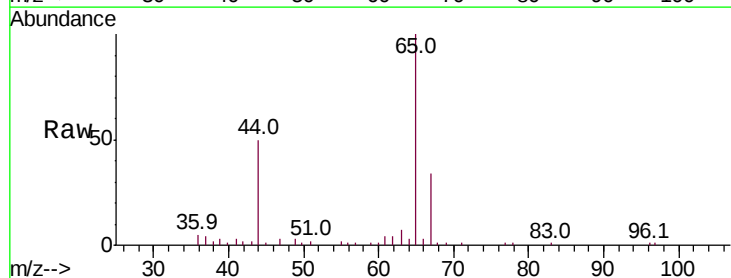
Acq: 17 Oct 2018 04:37

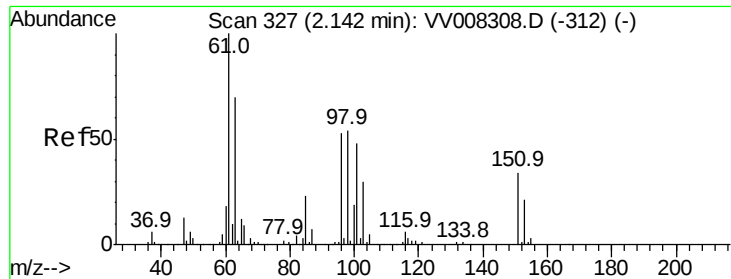
Tgt Ion: 62 Resp: 618

Ion Ratio Lower Upper

62 100

64 72.1 22.9 42.5#

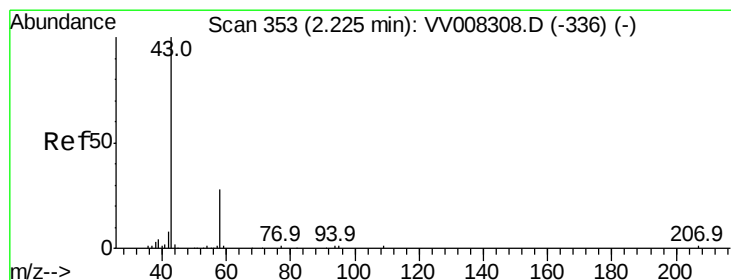
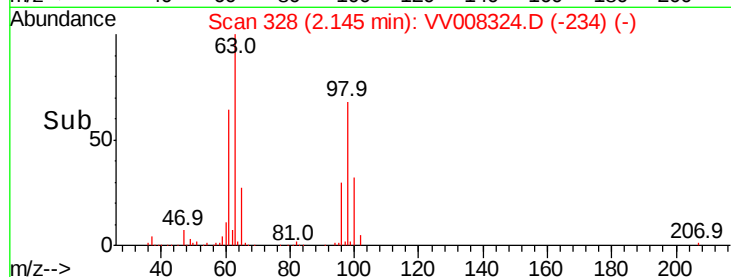
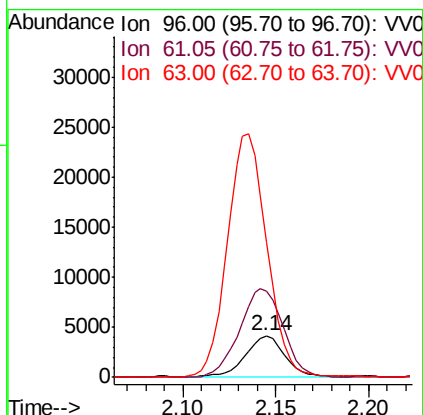
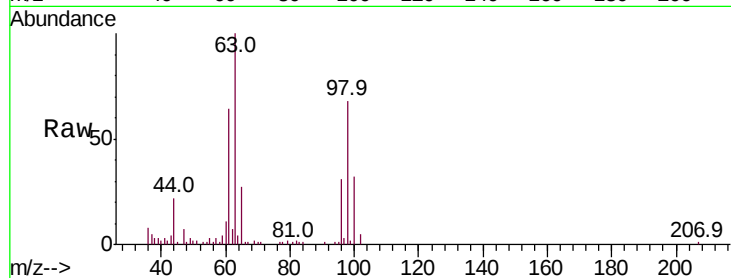




#12
 1,1-Dichloroethene
 Concen: 1.614 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV008324.D
 Acq: 17 Oct 2018 04:37

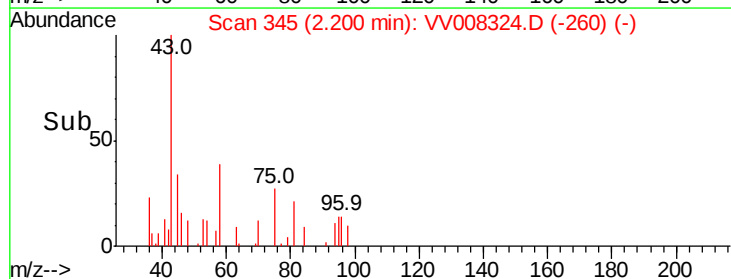
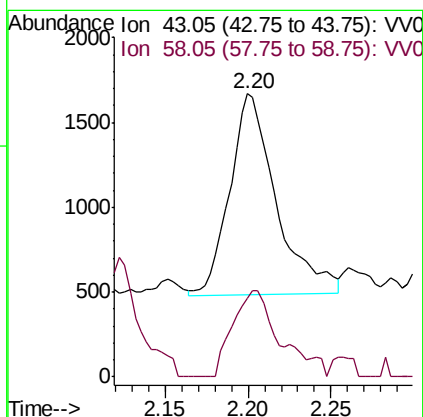
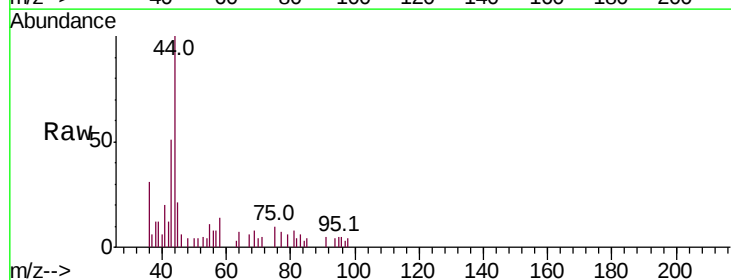
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JC2

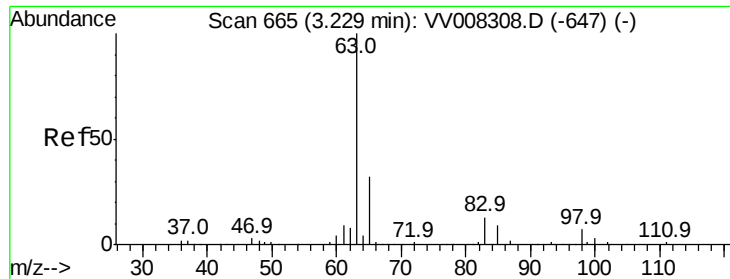
Tot Ion: 96 Resp: 6179
 Ion Ratio Lower Upper
 96 100
 61 204.3 129.9 241.3
 63 321.1 103.0 191.4#



#13
 Acetone
 Concen: 2.818 ug/L
 RT: 2.20 min Scan# 345
 Delta R.T. -0.03 min
 Lab File: VV008324.D
 Acq: 17 Oct 2018 04:37

Tgt Ion: 43 Resp: 2303
 Ion Ratio Lower Upper
 43 100
 58 44.0 0.0 62.0

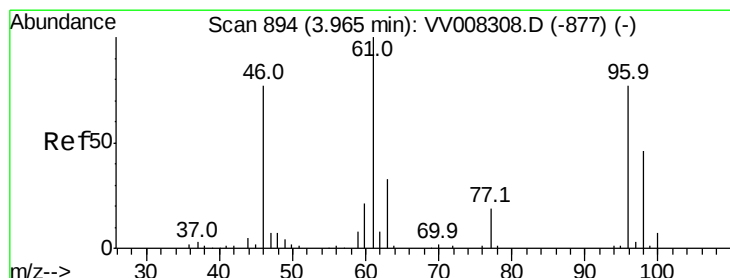
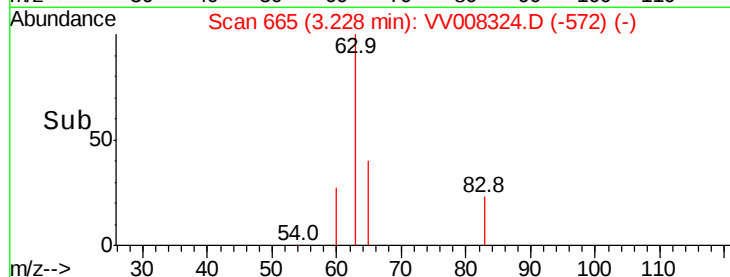
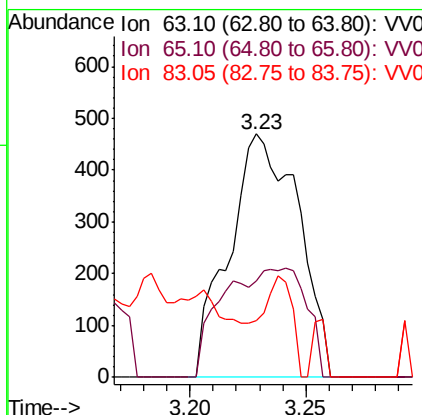
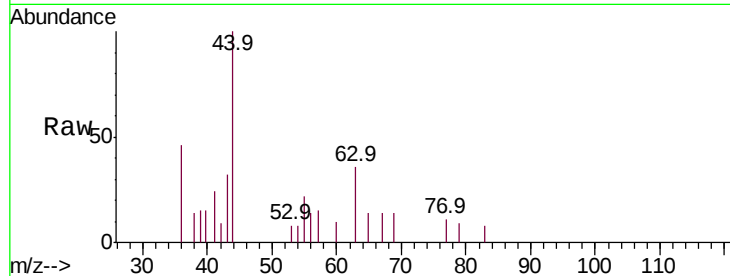




#19
 1,1-Dichloroethane
 Concen: 0.115 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VV008324.D
 Acq: 17 Oct 2018 04:37

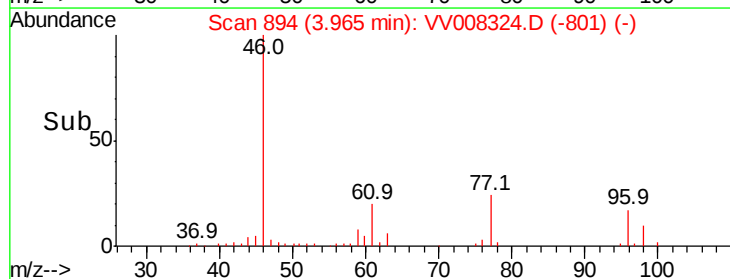
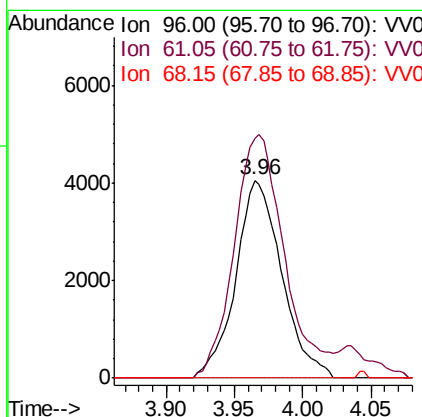
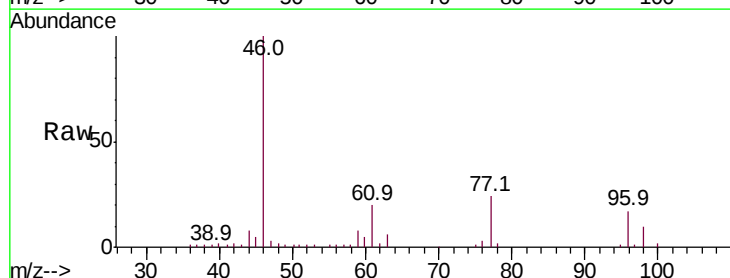
Instrument :
 MSVOA_V
 ClientSampled :
 C0JC2

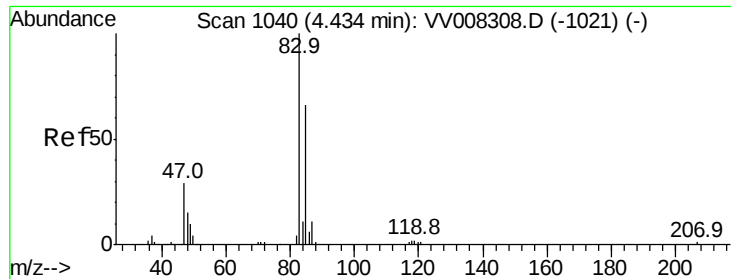
Tot Ion: 63 Resp: 979
 Ion Ratio Lower Upper
 63 100
 65 39.6 22.6 42.0
 83 23.4 11.0 20.4#



#22
 cis-1,2-Dichloroethene
 Concen: 1.428 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV008324.D
 Acq: 17 Oct 2018 04:37

Tgt Ion: 96 Resp: 9494
 Ion Ratio Lower Upper
 96 100
 61 121.0 93.7 174.1
 68 0.0 0.6 1.2#





#25

Chloroform

Concen: 0.655 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VV008324.D

Acq: 17 Oct 2018 04:37

Instrument :

MSVOA_V

ClientSampled :

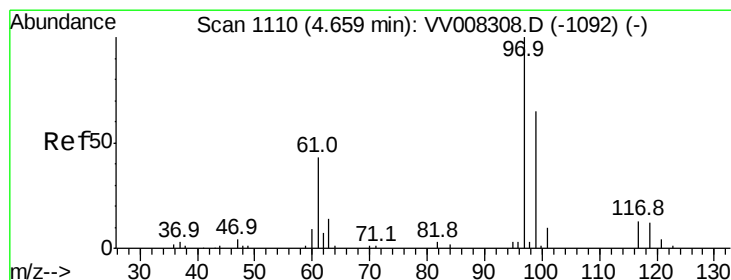
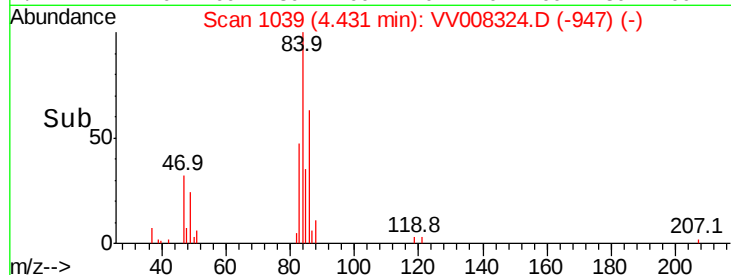
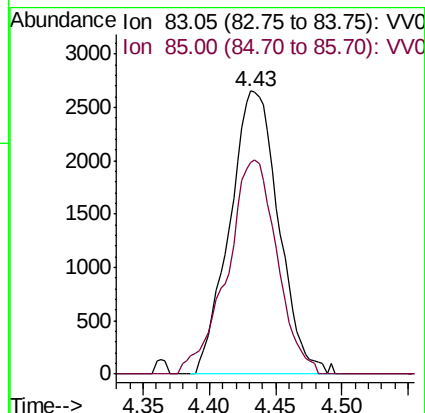
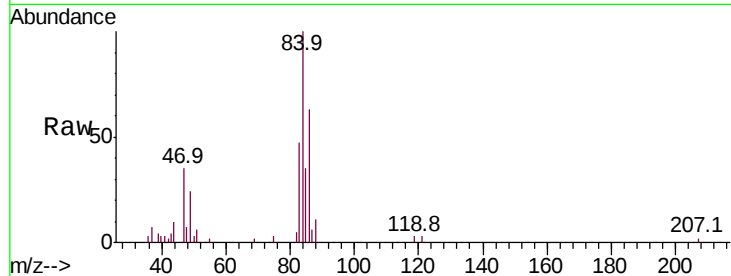
C0JC2

Tot Ion: 83 Resp: 6827

Ion Ratio Lower Upper

83 100

85 74.7 43.4 80.6



#29

1,1,1-Trichloroethane

Concen: 0.122 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV008324.D

Acq: 17 Oct 2018 04:37

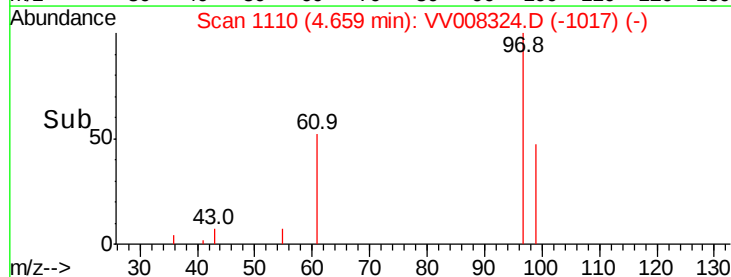
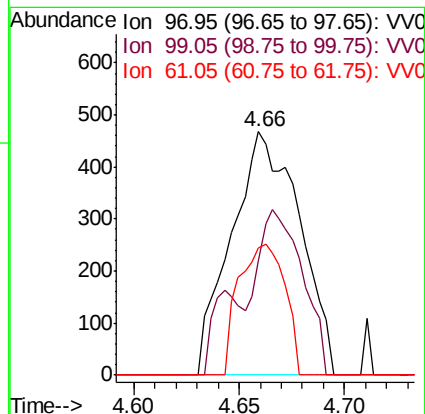
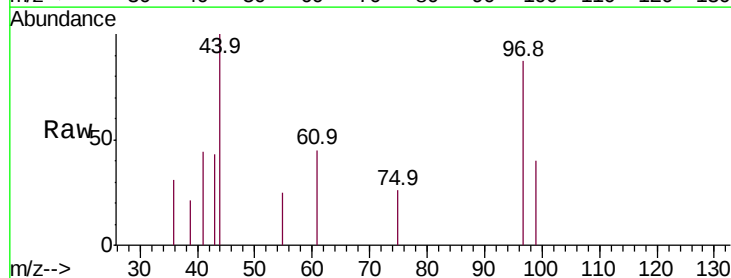
Tgt Ion: 97 Resp: 1052

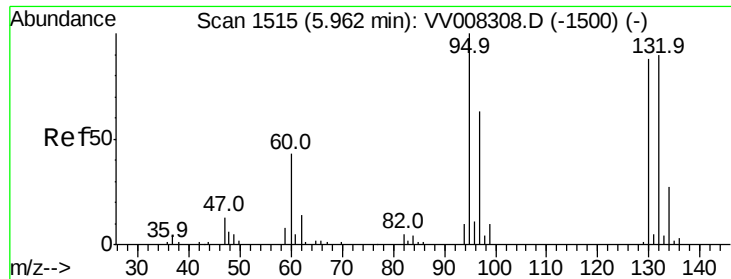
Ion Ratio Lower Upper

97 100

99 45.0 51.6 77.4#

61 36.3 37.0 55.6#

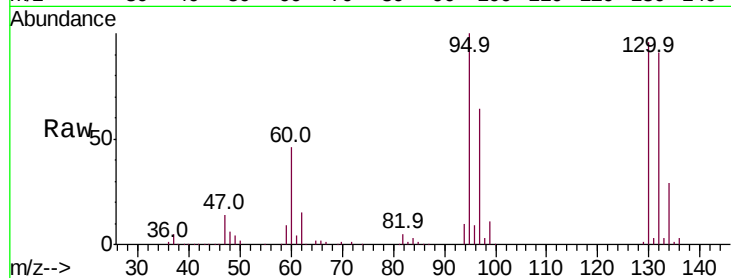




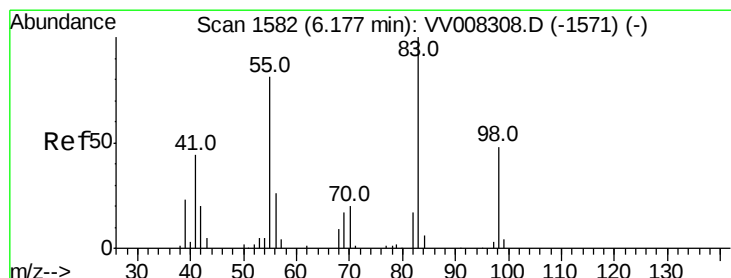
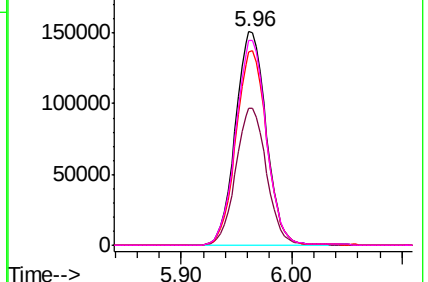
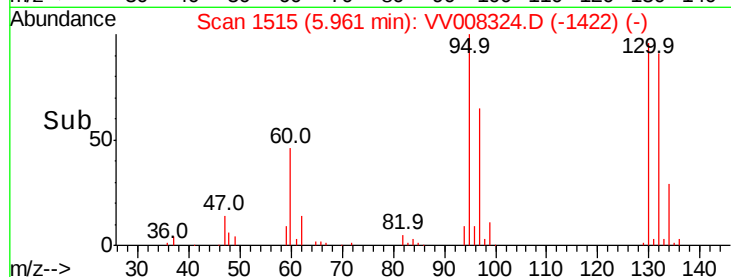
#34
 Trichloroethene
 Concen: 45.123 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VV008324.D
 Acq: 17 Oct 2018 04:37

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JC2

Tot Ion: 95 Resp: 292335
 Ion Ratio Lower Upper
 95 100
 97 64.3 44.4 82.4
 132 90.8 60.4 112.2
 130 95.6 65.5 121.7

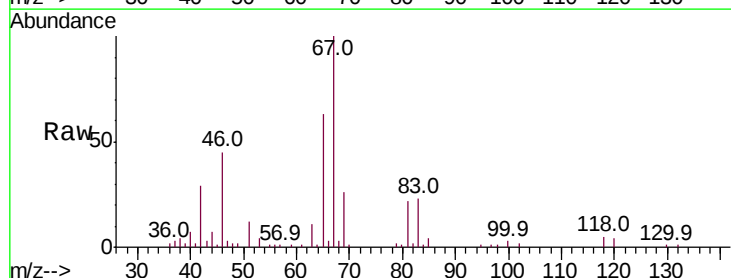


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

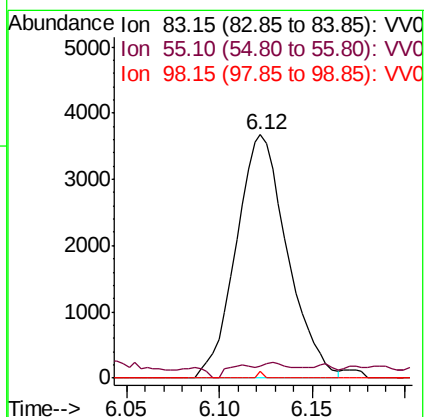
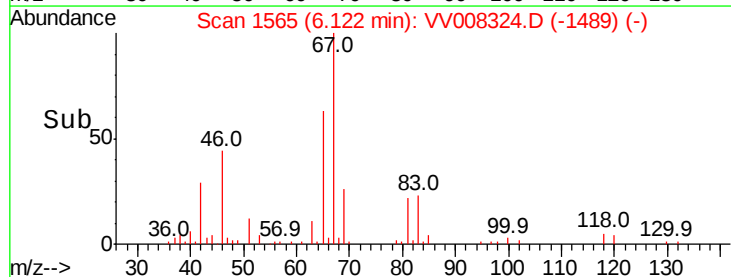


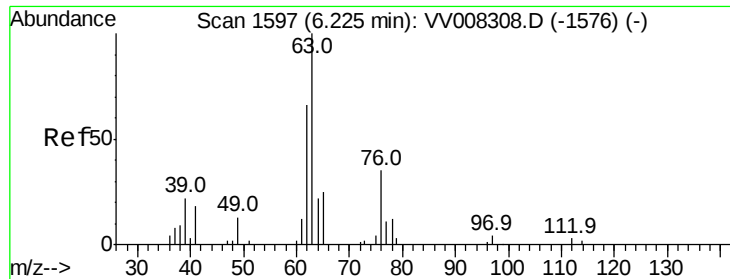
#35
 Methylcyclohexane
 Concen: 0.642 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: VV008324.D
 Acq: 17 Oct 2018 04:37

Tgt Ion: 83 Resp: 7019
 Ion Ratio Lower Upper
 83 100
 55 2.0 64.0 96.0#
 98 0.0 37.0 55.4#



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: 0.515 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008324.D

Acq: 17 Oct 2018 04:37

Instrument :

MSVOA_V

ClientSampleId :

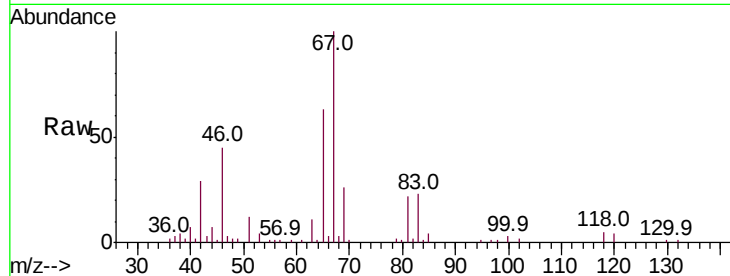
C0JC2

Tot Ion: 63 Resp: 3246

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VV008308.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV008308.D (-1576) (-)

6.12

1500

1000

500

0

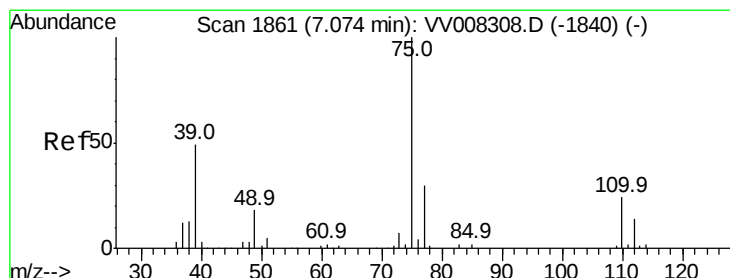
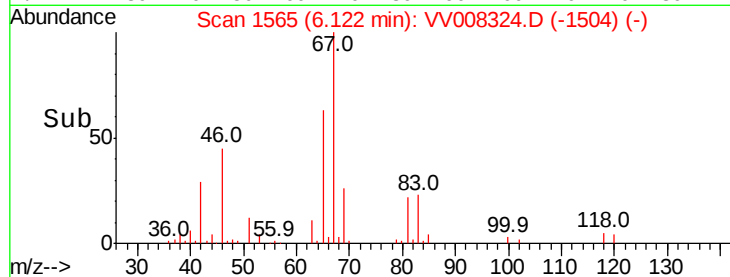
Time-->

6.05

6.10

6.15

6.20



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008324.D

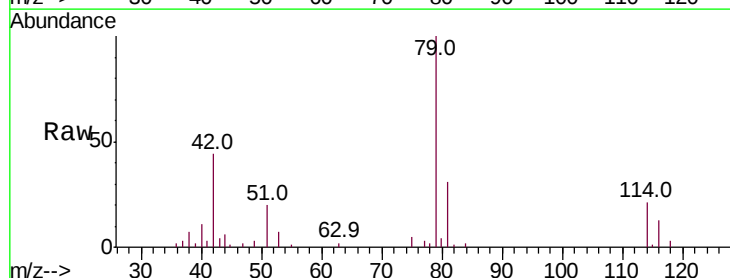
Acq: 17 Oct 2018 04:37

Tgt Ion: 75 Resp: 861

Ion Ratio Lower Upper

75 100

77 58.2 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV008308.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV008308.D (-1840) (-)

7.04

600

500

400

300

200

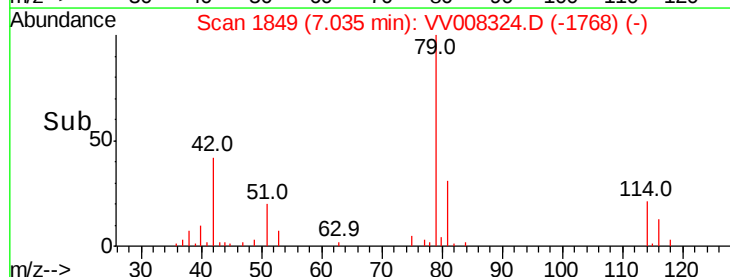
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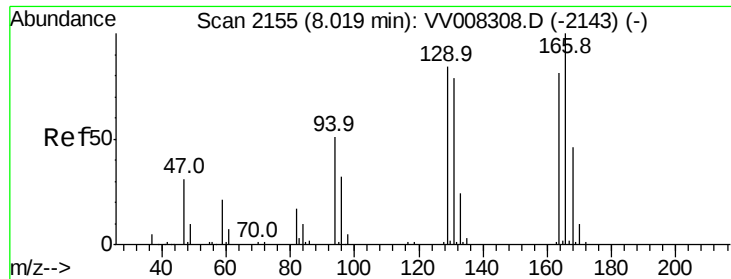
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Time-->

7.00

7.05

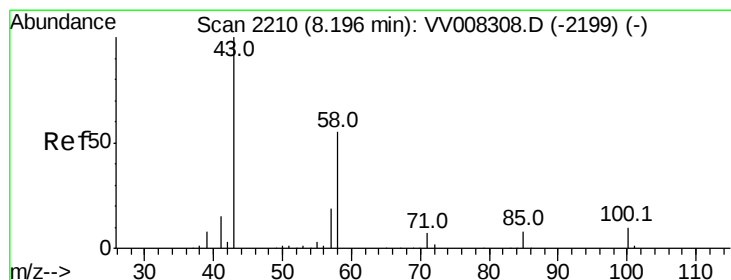
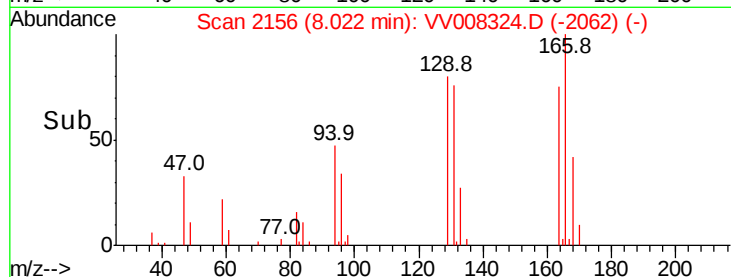
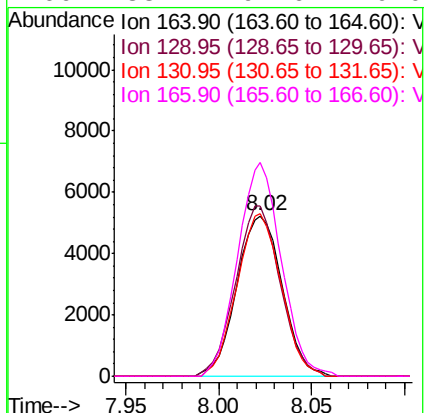
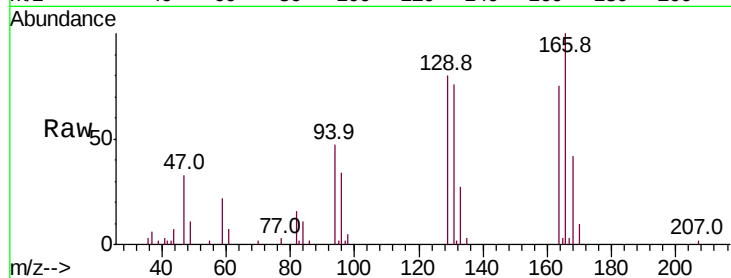




#47
Tetrachloroethene
Concen: 2.195 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008324.D
Acq: 17 Oct 2018 04:37

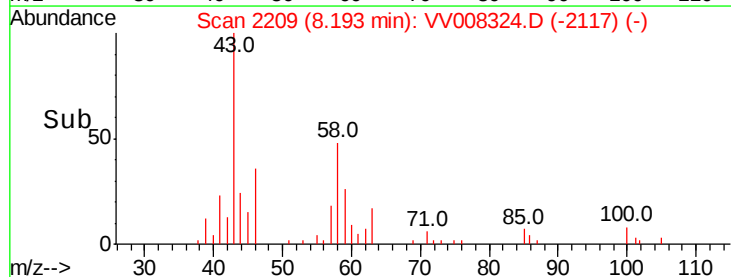
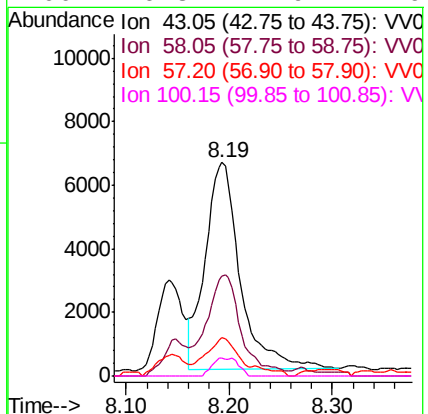
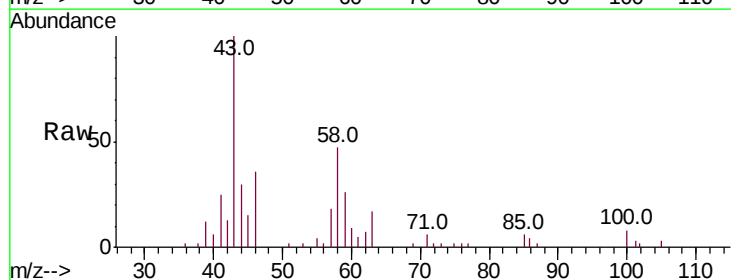
Instrument :
MSVOA_V
ClientSampleId :
C0JC2

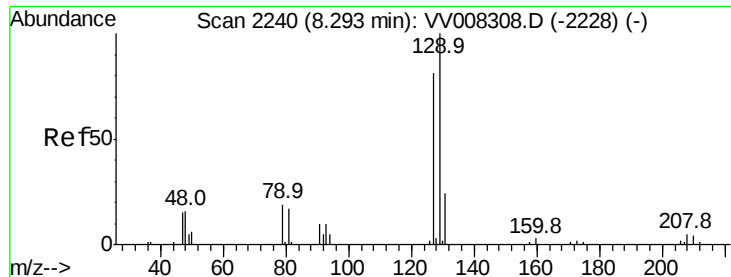
Tot Ion:164 Resp: 8910
Ion Ratio Lower Upper
164 100
129 106.5 76.5 142.1
131 101.5 74.7 138.7
166 133.4 91.6 170.0



#48
2-Hexanone
Concen: 5.439 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VV008324.D
Acq: 17 Oct 2018 04:37

Tgt Ion: 43 Resp: 15357
Ion Ratio Lower Upper
43 100
58 46.6 45.0 67.4
57 19.1 14.4 21.6
100 6.3 7.9 11.9#





#49

Dibromochloromethane

Concen: 2.004 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV008324.D

Acq: 17 Oct 2018 04:37

Instrument :

MSVOA_V

ClientSampleId :

C0JC2

Tot Ion:129 Resp: 8945

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

