

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 08:12:00 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

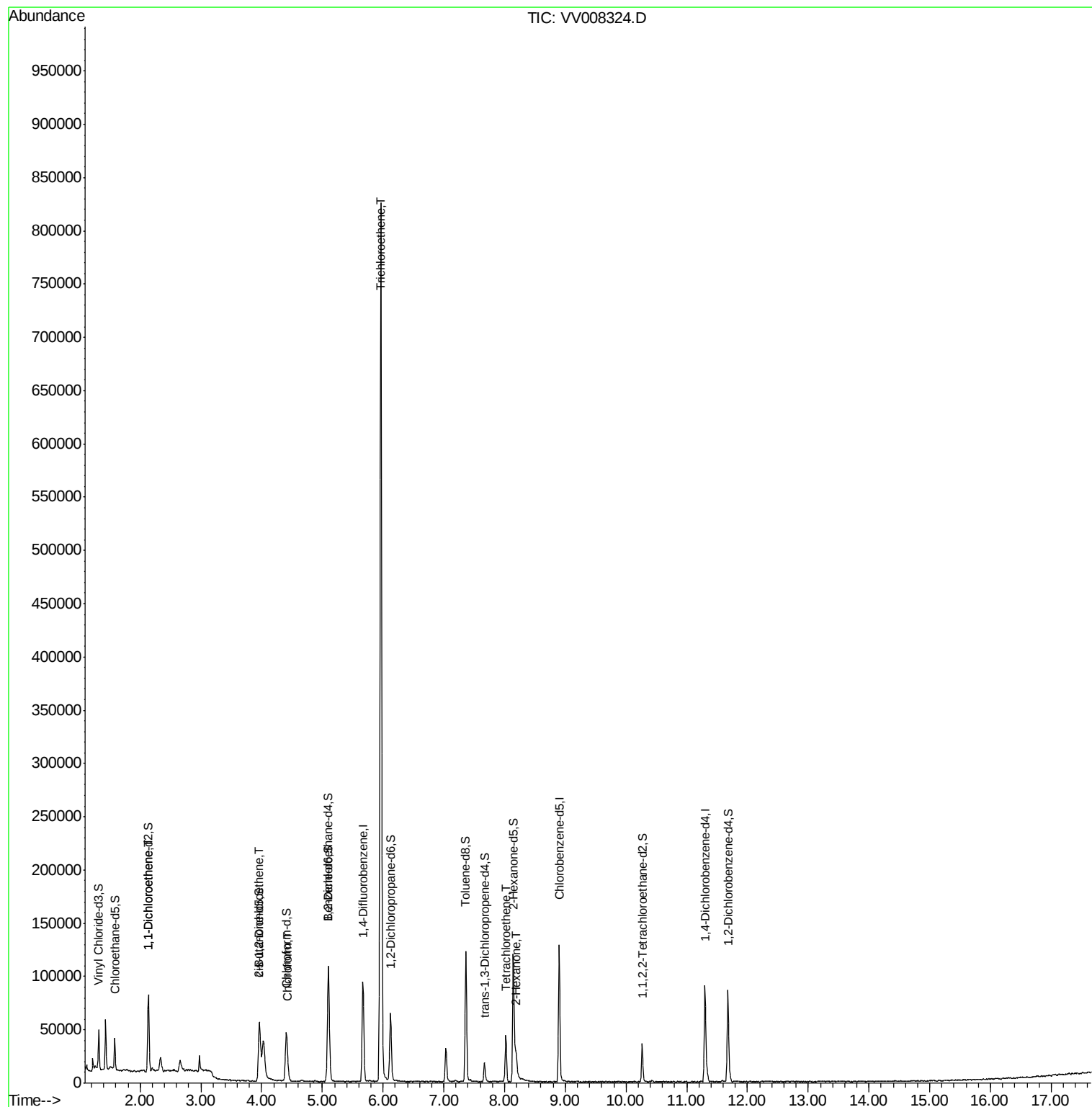
					Ovalue
12) 1,1-Dichloroethene	2.14	96	6179	1.614 ug/L #	31
22) cis-1,2-Dichloroethene	3.96	96	9494	1.428 ug/L #	89
25) Chloroform	4.43	83	6827	0.655 ug/L	83
34) Trichloroethene	5.96	95	292335	45.123 ug/L	97
47) Tetrachloroethene	8.02	164	8910	2.195 ug/L	97
48) 2-Hexanone	8.19	43	15357	5.439 ug/L #	90

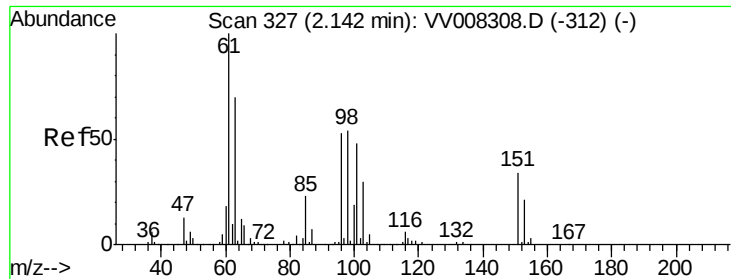
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#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

ClientSampled :

C0JC2

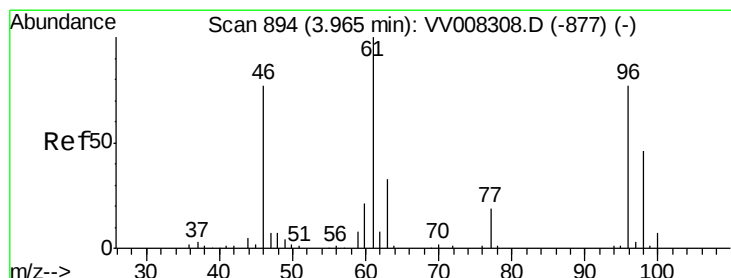
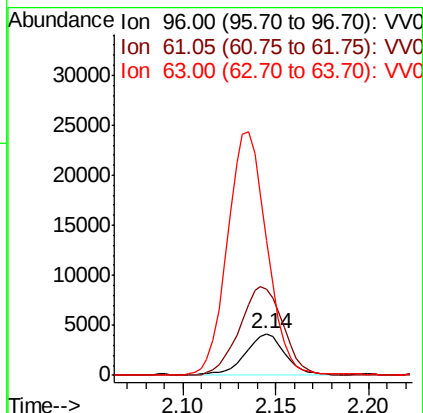
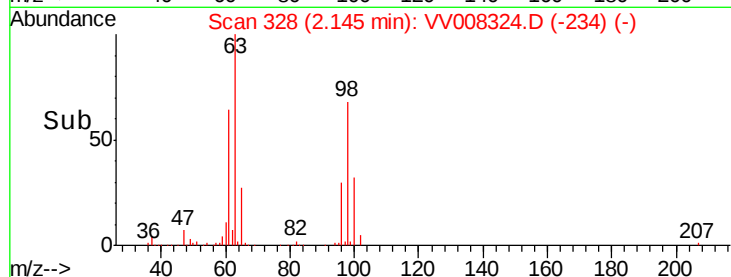
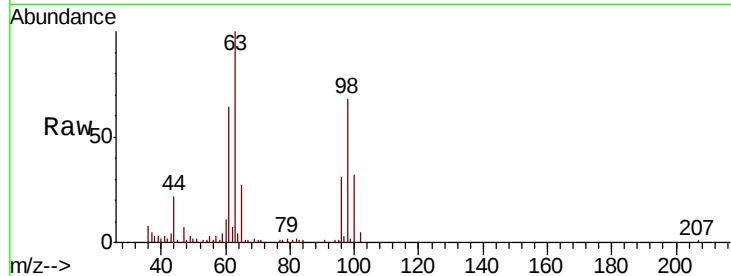
Tot Ion: 96 Resp: 6179

Ion Ratio Lower Upper

96 100

61 204.3 129.9 241.3

63 321.1 103.0 191.4#



#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

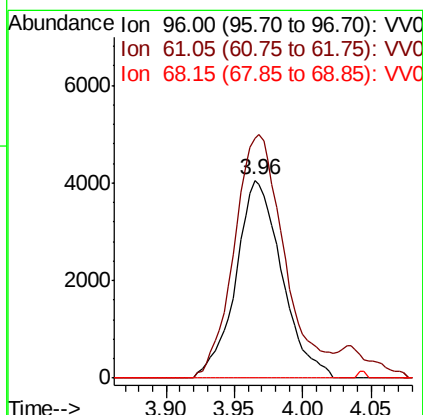
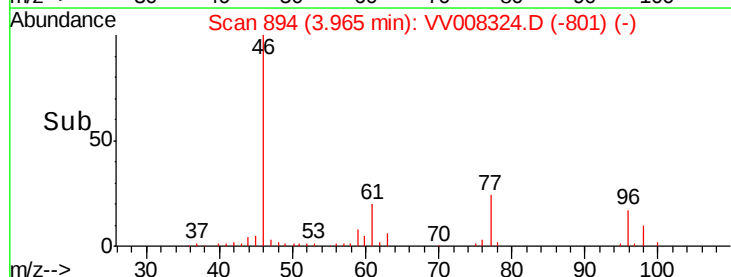
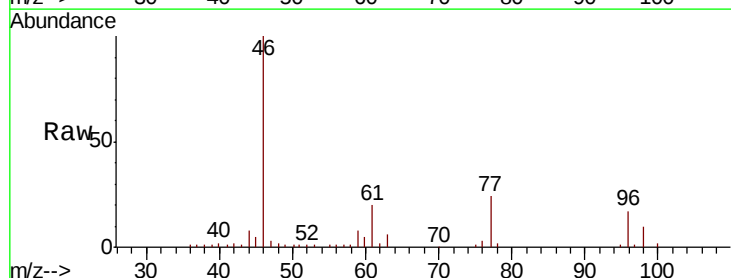
Tgt Ion: 96 Resp: 9494

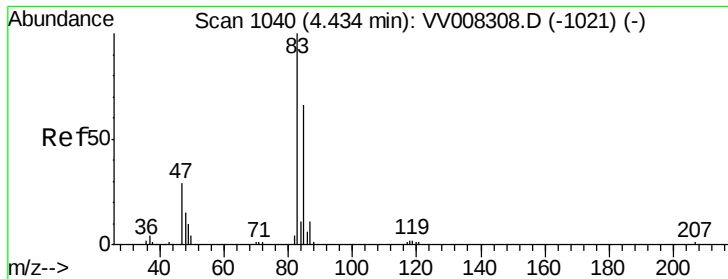
Ion Ratio Lower Upper

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

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Instrument :

MSVOA_V

ClientSampleId :

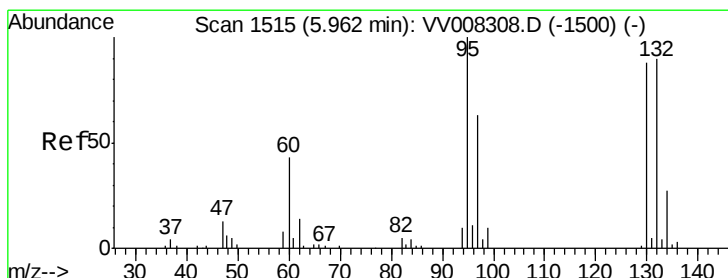
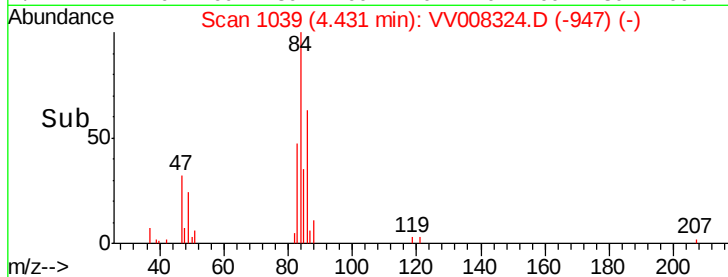
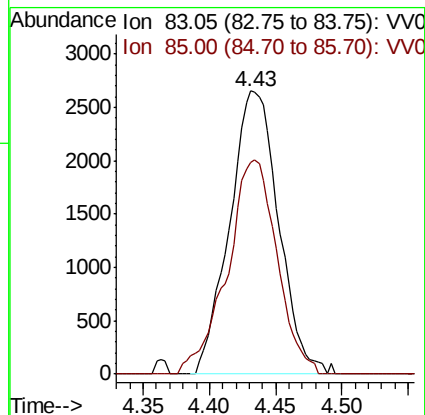
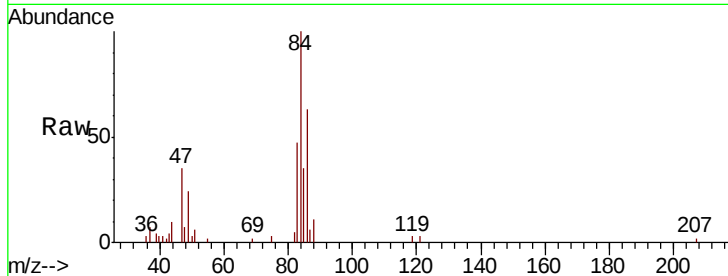
C0JC2

Tot Ion: 83 Resp: 6827

Ion Ratio Lower Upper

83 100

85 74.7 43.4 80.6



#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

Tgt Ion: 95 Resp: 292335

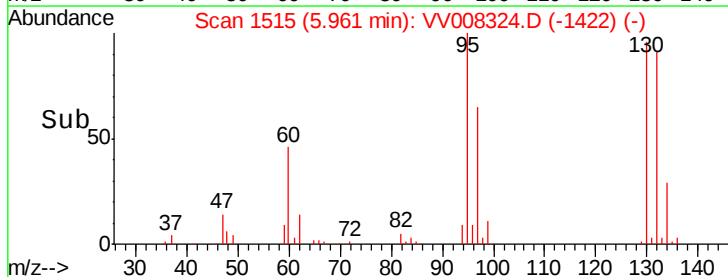
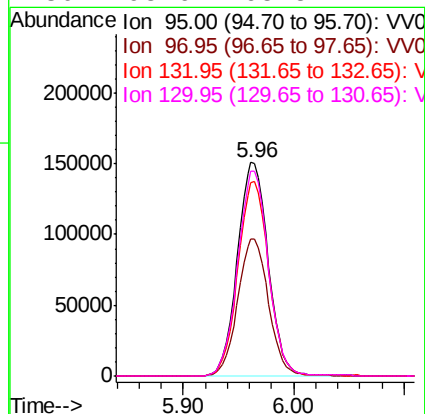
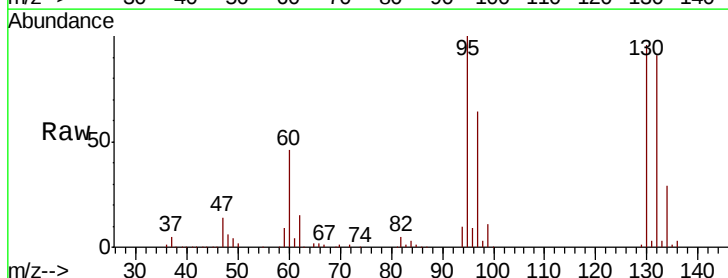
Ion Ratio Lower Upper

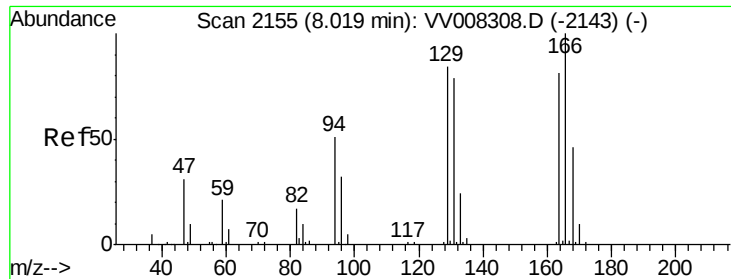
95 100

97 64.3 44.4 82.4

132 90.8 60.4 112.2

130 95.6 65.5 121.7

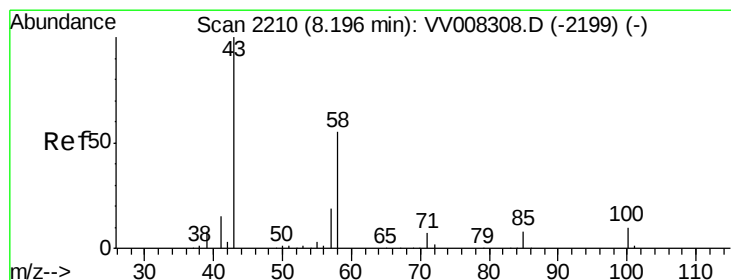
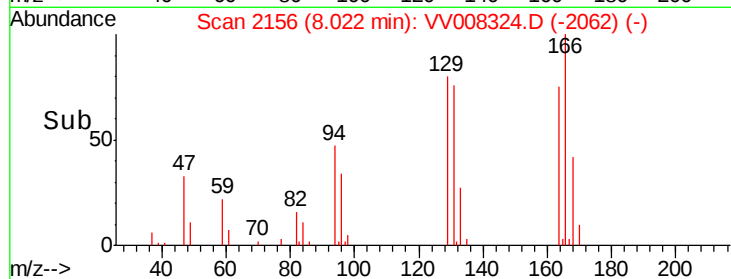
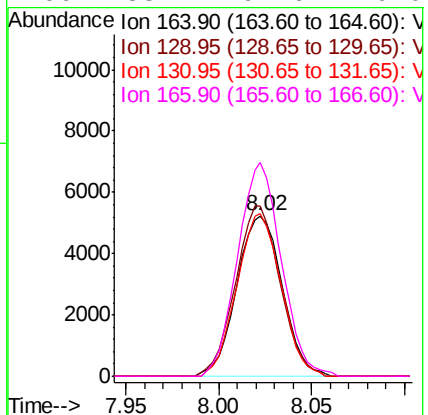
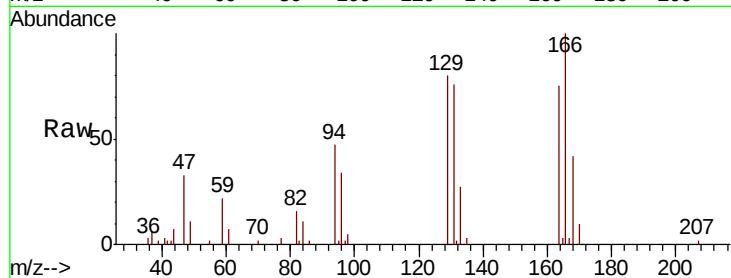




#47
Tetrachloroethene
Concen: 2.195 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008324.D
Acq: 17 Oct 2018 04:37

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#

