

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008282.D
 Acq On : 15 Oct 2018 18:43
 Operator : SY/MD
 Sample : J5407-04
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 05:25:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 16 05:17:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	71745	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	62352	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24719	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20416	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.58	69	14363	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.14	63	28986	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.96	46	63148	46.44	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.88%
24) Chloroform-d	4.41	84	40430	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.09	65	20436	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.10	84	89546	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	29498	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	75857	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	10407	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.14	63	37734	43.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	17432	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	22404	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

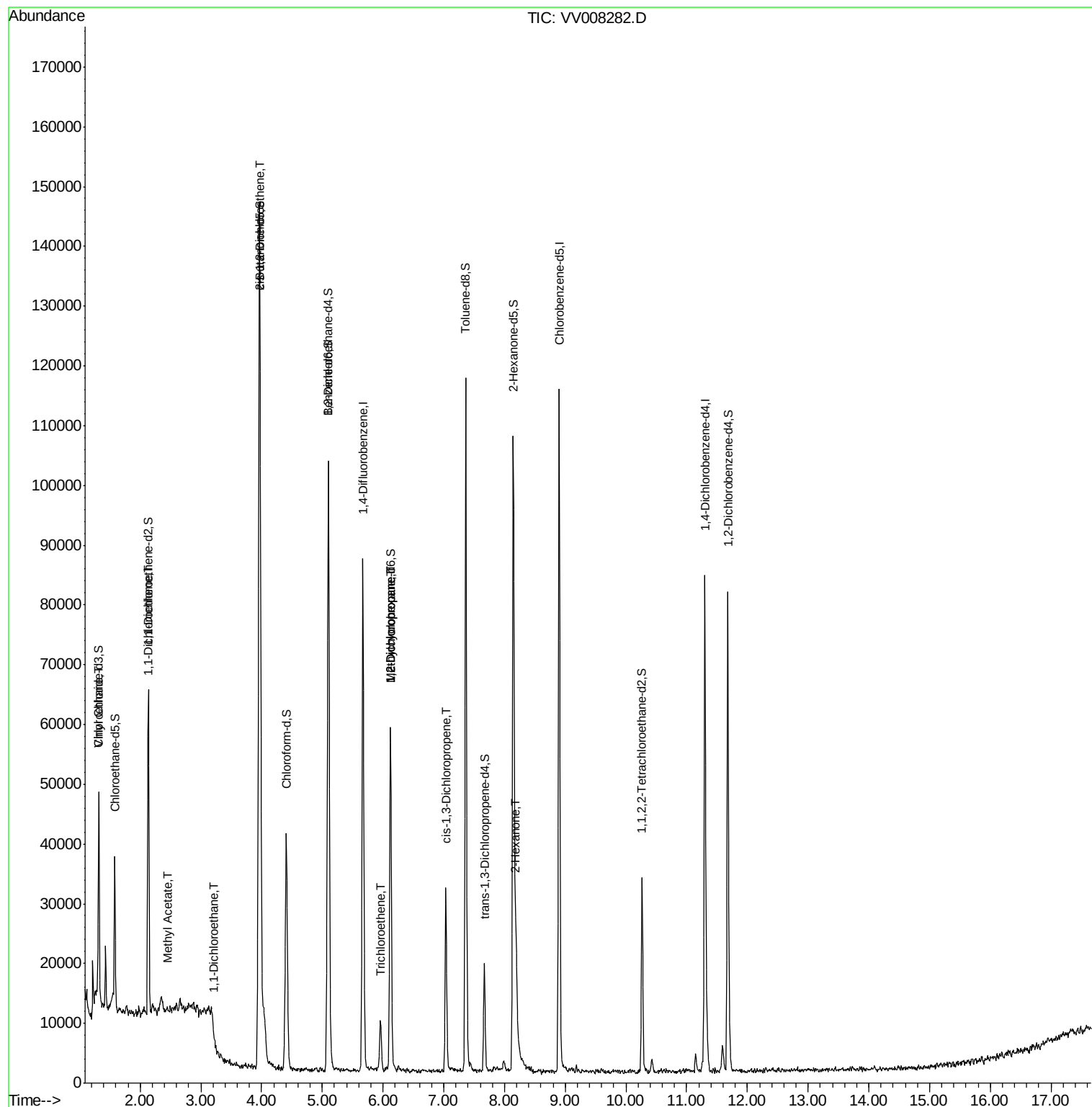
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.32	64	368	0.133	ug/L #	1
12) 1,1-Dichloroethene	2.15	96	843	0.245	ug/L #	1
15) Methyl Acetate	2.46	43	253	0.138	ug/L #	50
19) 1,1-Dichloroethane	3.23	63	723	0.094	ug/L #	63
22) cis-1,2-Dichloroethene	3.97	96	63280	10.570	ug/L #	97
34) Trichloroethene	5.96	95	2065	0.355	ug/L	92
35) Methylcyclohexane	6.12	83	6747	0.687	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	2996	0.528	ug/L #	90
39) cis-1,3-Dichloropropene	7.04	75	668	0.083	ug/L #	14
48) 2-Hexanone	8.19	43	13580	5.351	ug/L #	81

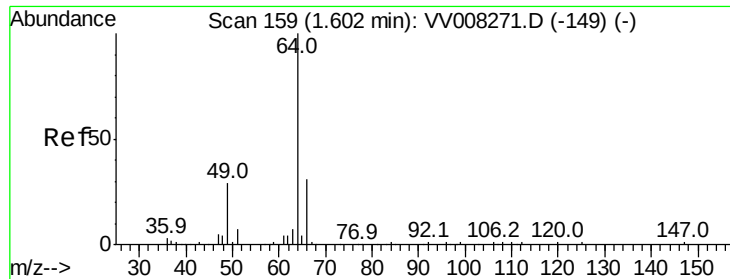
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.133 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008282.D

Acq: 15 Oct 2018 18:43

Instrument :

MSVOA_V

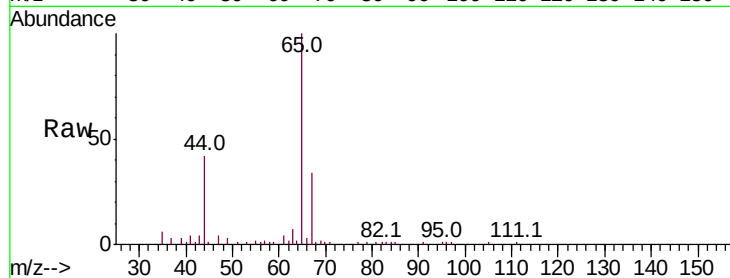
ClientSampleId :

Tot Ion: 64 Resp: 368

Ion Ratio Lower Upper

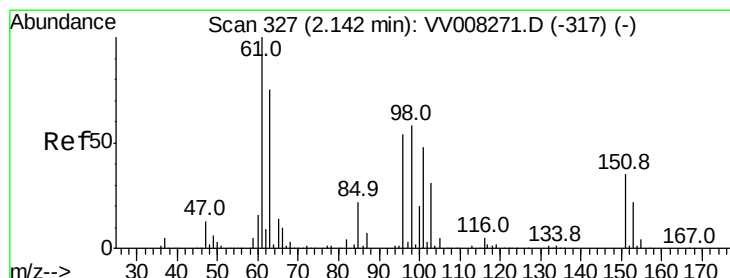
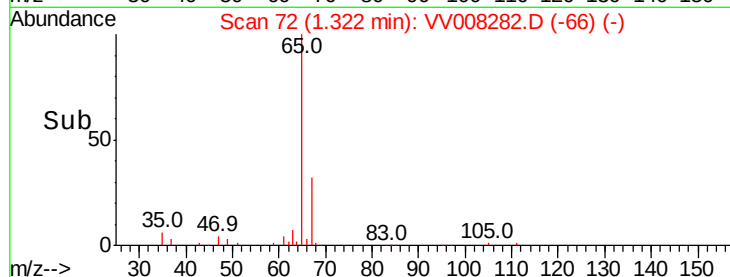
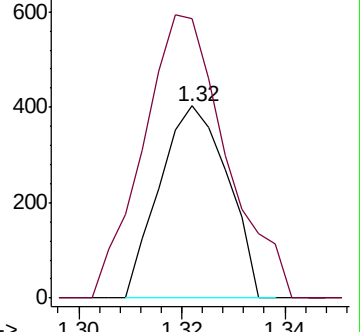
64 100

66 145.2 22.5 41.9#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#12

1,1-Dichloroethene

Concen: 0.245 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.01 min

Lab File: VV008282.D

Acq: 15 Oct 2018 18:43

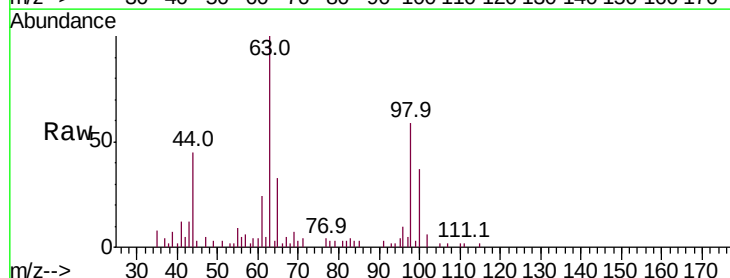
Tgt Ion: 96 Resp: 843

Ion Ratio Lower Upper

96 100

61 243.5 129.9 241.3#

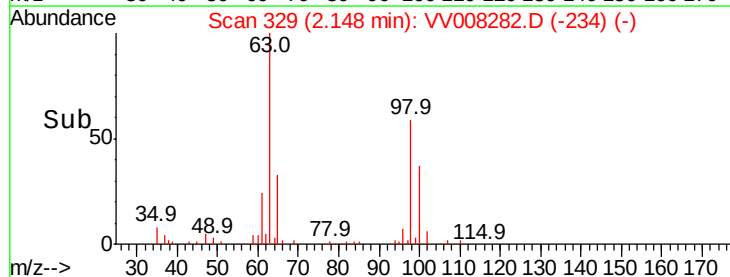
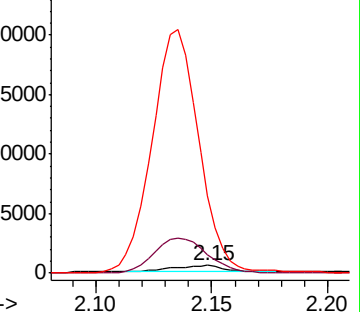
63 1029.8 103.0 191.4#

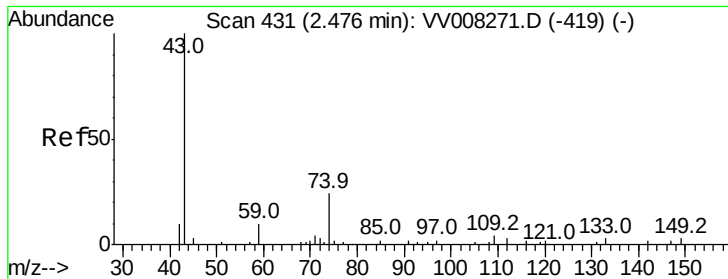


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

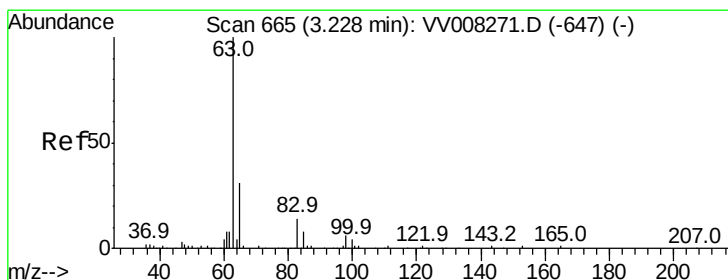
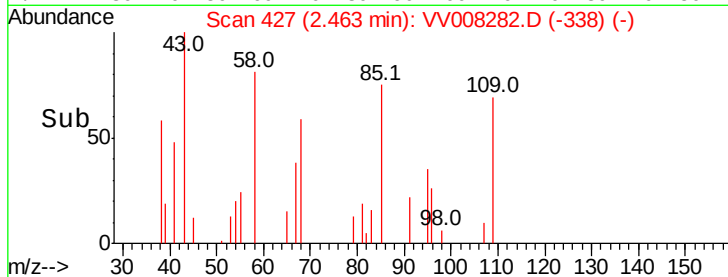
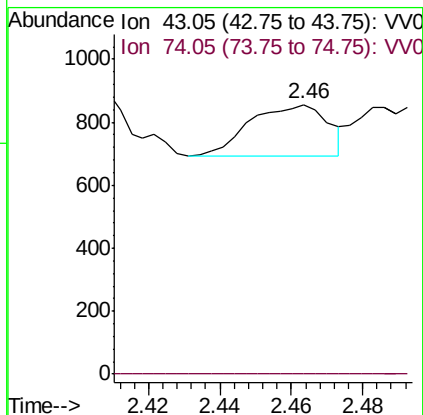
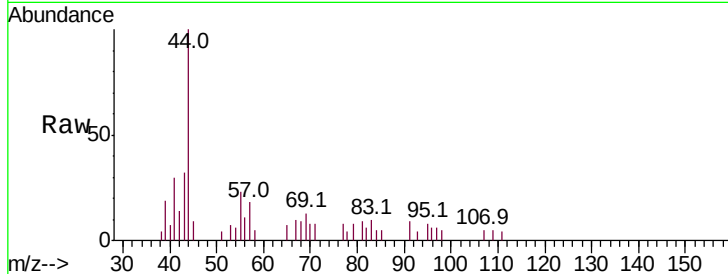




#15
Methyl Acetate
Concen: 0.138 ug/L
RT: 2.46 min Scan# 427
Delta R.T. -0.01 min
Lab File: VV008282.D
Acq: 15 Oct 2018 18:43

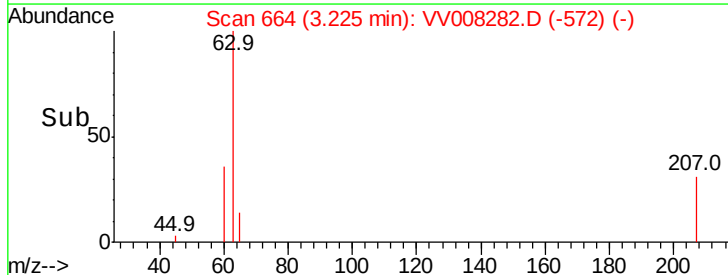
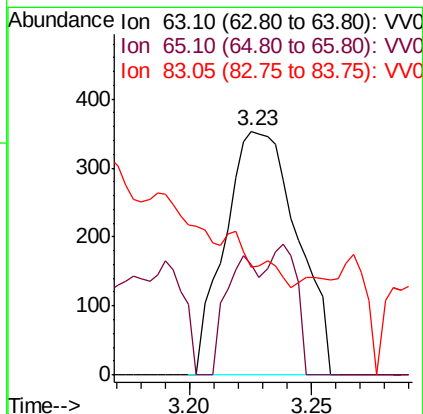
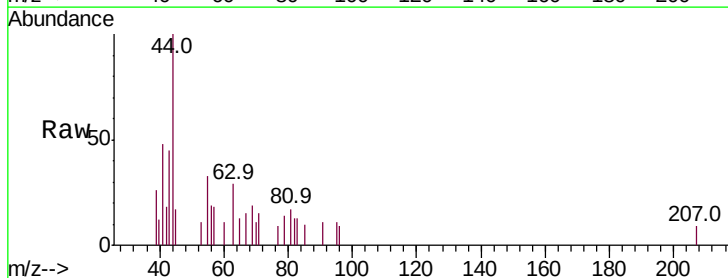
Instrument :
MSVOA_V
ClientSampled :

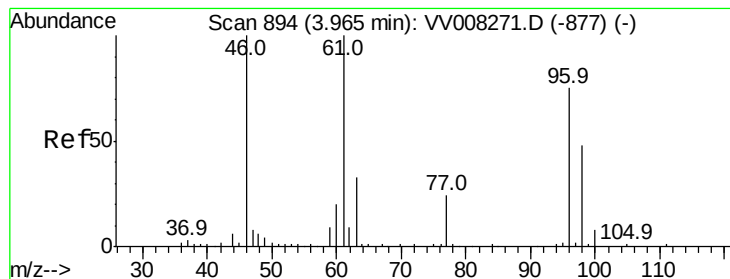
Tot Ion: 43 Resp: 253
Ion Ratio Lower Upper
43 100
74 0.0 20.0 30.0#



#19
1,1-Dichloroethane
Concen: 0.094 ug/L
RT: 3.23 min Scan# 664
Delta R.T. -0.00 min
Lab File: VV008282.D
Acq: 15 Oct 2018 18:43

Tgt Ion: 63 Resp: 723
Ion Ratio Lower Upper
63 100
65 45.0 22.6 42.0#
83 44.2 11.0 20.4#



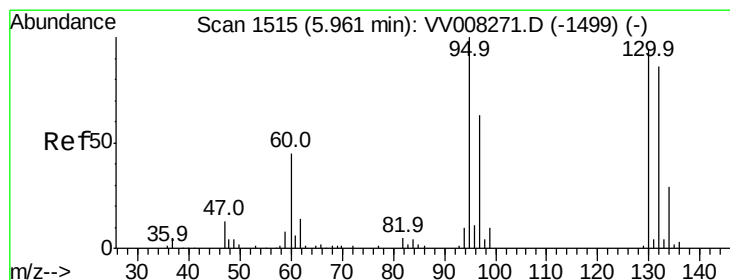
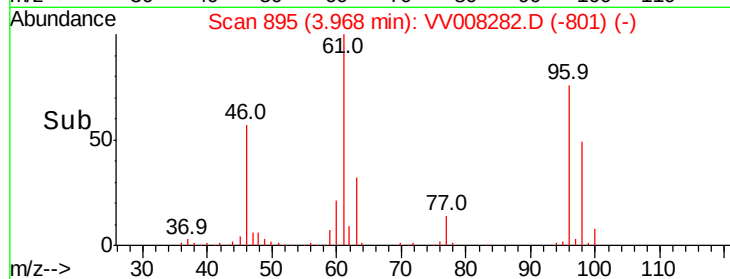
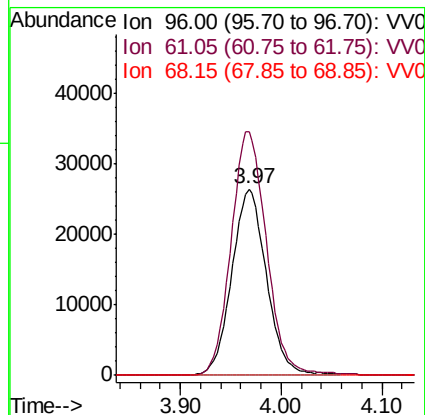
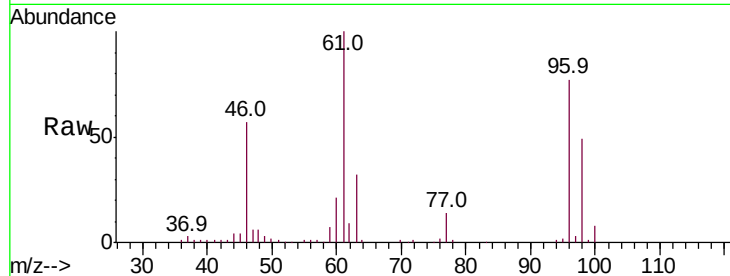


#22

cis-1,2-Dichloroethene
 Concen: 10.570 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008282.D
 Acq: 15 Oct 2018 18:43

Instrument :
 MSVOA_V
 ClientSampleId :

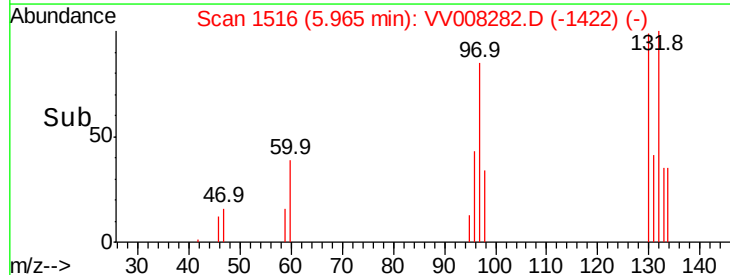
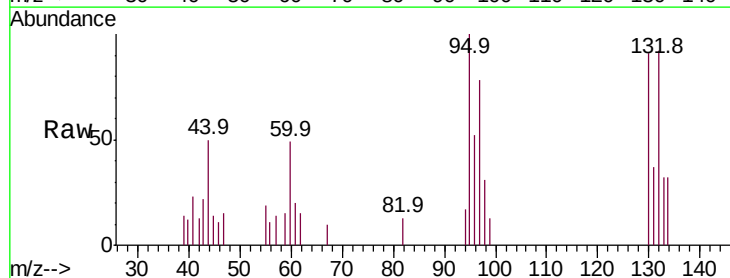
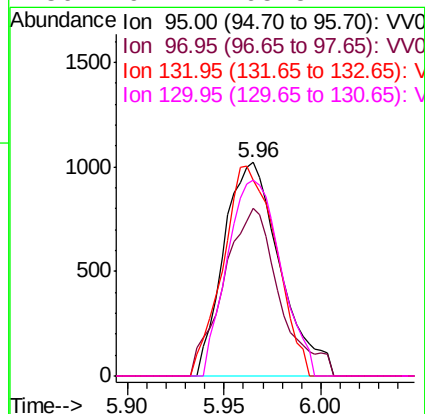
Tot Ion: 96 Resp: 63280
 Ion Ratio Lower Upper
 96 100
 61 130.5 93.7 174.1
 68 0.0 0.6 1.2#

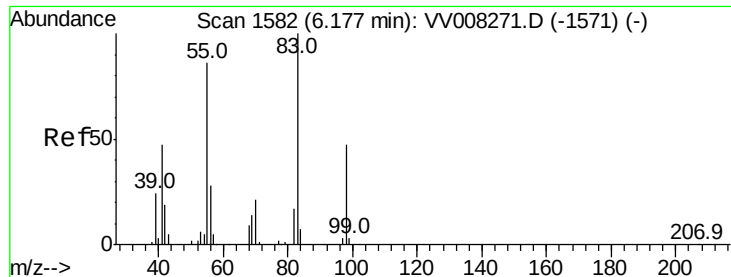


#34

Trichloroethene
 Concen: 0.355 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008282.D
 Acq: 15 Oct 2018 18:43

Tgt Ion: 95 Resp: 2065
 Ion Ratio Lower Upper
 95 100
 97 78.3 44.4 82.4
 132 91.9 60.4 112.2
 130 91.4 65.5 121.7

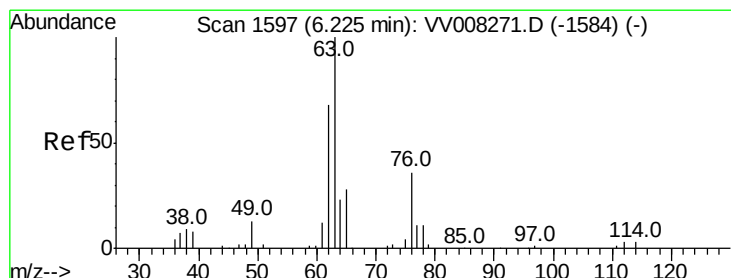
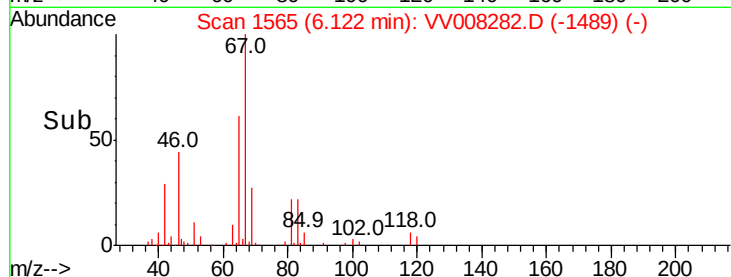
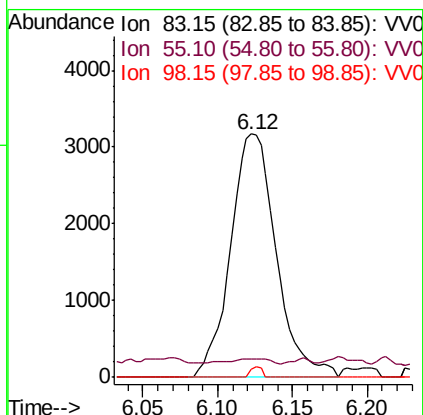
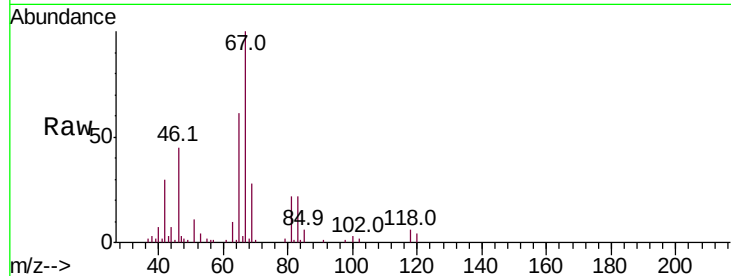




#35
Methylcyclohexane
Concen: 0.687 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008282.D
Acq: 15 Oct 2018 18:43

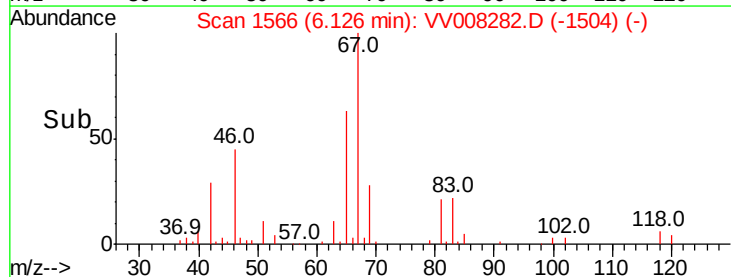
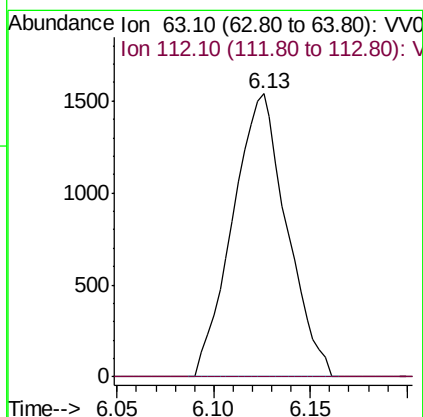
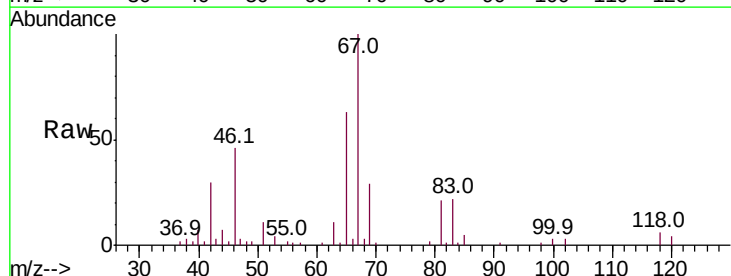
Instrument :
MSVOA_V
ClientSampleId :

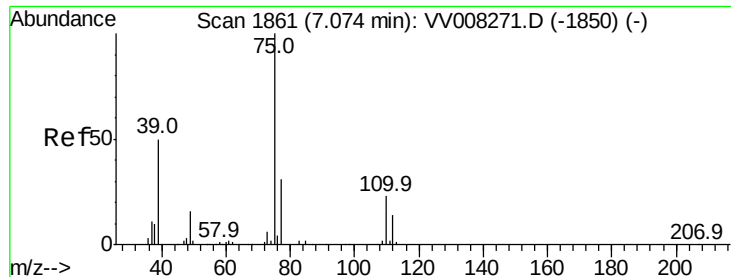
Tot Ion: 83 Resp: 6747
Ion Ratio Lower Upper
83 100
55 1.0 64.0 96.0#
98 1.1 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.528 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008282.D
Acq: 15 Oct 2018 18:43

Tgt Ion: 63 Resp: 2996
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

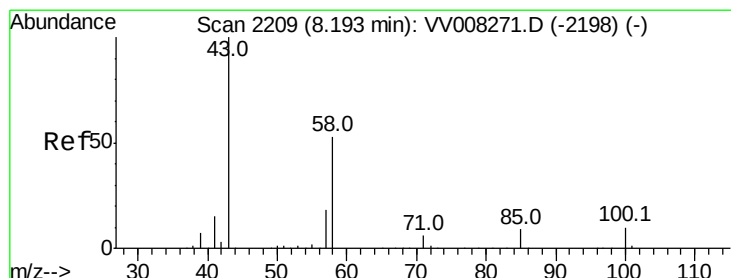
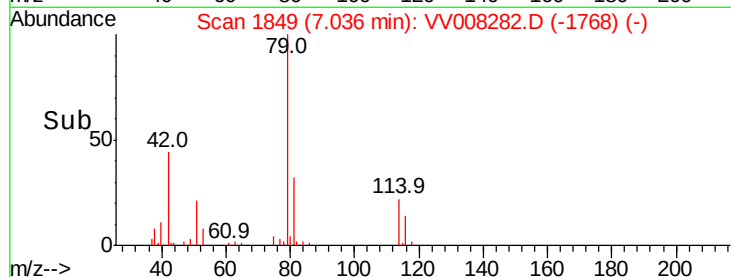
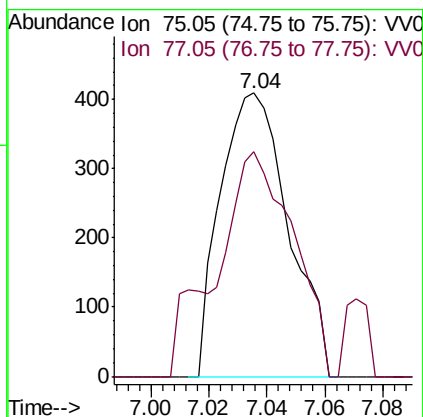
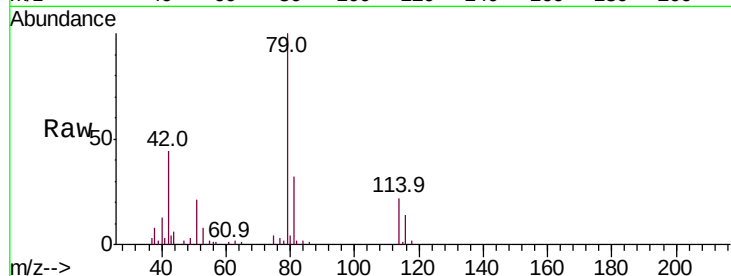




#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008282.D
 Acq: 15 Oct 2018 18:43

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 668
 Ion Ratio Lower Upper
 75 100
 77 79.5 22.3 41.3#



#48
 2-Hexanone
 Concen: 5.351 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VV008282.D
 Acq: 15 Oct 2018 18:43

Tgt Ion: 43 Resp: 13580
 Ion Ratio Lower Upper
 43 100
 58 40.4 45.0 67.4#
 57 11.4 14.4 21.6#
 100 6.2 7.9 11.9#

