

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008313.D
 Acq On : 16 Oct 2018 23:23
 Operator : SY/MD
 Sample : J5407-07DL 20X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJTODL

Quant Time: Oct 17 05:05:31 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	79063	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	70338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28397	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19479	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	15764	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.13	63	30661	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.98	46	73048	48.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.48%
24) Chloroform-d	4.41	84	43558	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.09	65	23437	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.10	84	92022	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.12	67	32030	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.36	98	82498	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.67	79	11332	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.14	63	42758	43.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.48%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19151	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	24041	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

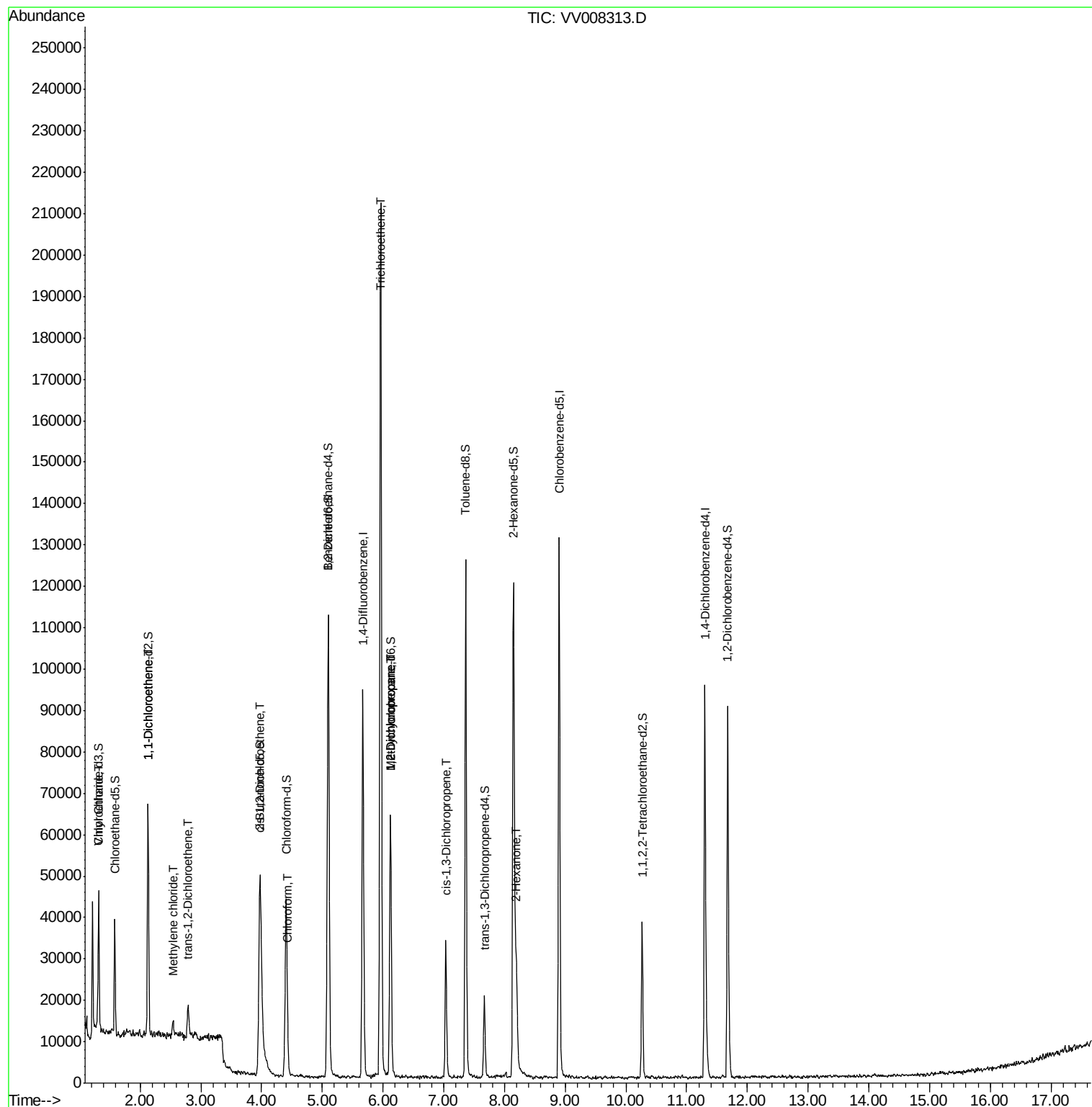
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.32	64	373	0.122	ug/L #	1
12) 1,1-Dichloroethene	2.13	96	667	0.176	ug/L #	1
16) Methylene chloride	2.54	84	1710	0.389	ug/L	93
18) trans-1,2-Dichloroethene	2.78	96	3000	0.734	ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	12565	1.904	ug/L #	96
25) Chloroform	4.43	83	958	0.093	ug/L #	70
34) Trichloroethene	5.96	95	72827	11.087	ug/L	95
35) Methylcyclohexane	6.13	83	7089	0.640	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3244	0.507	ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	840	0.092	ug/L #	67
48) 2-Hexanone	8.20	43	19031	6.648	ug/L #	95

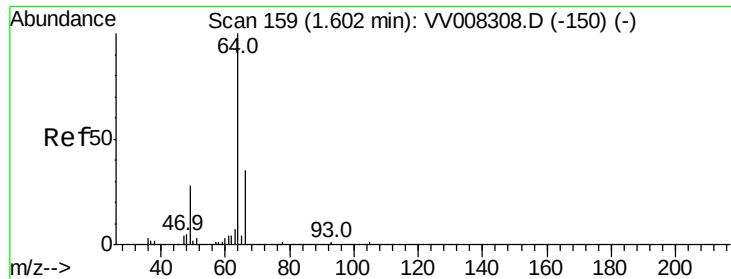
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.122 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV008313.D

Acq: 16 Oct 2018 23:23

Instrument :

MSVOA_V

ClientSampleId :

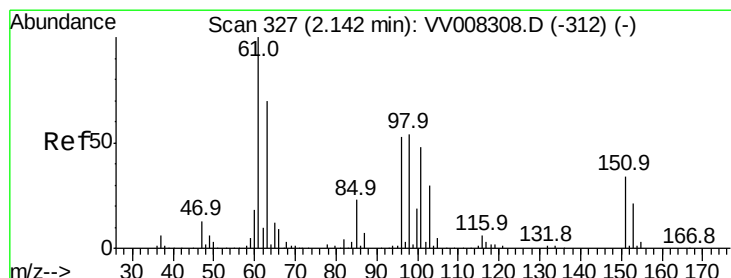
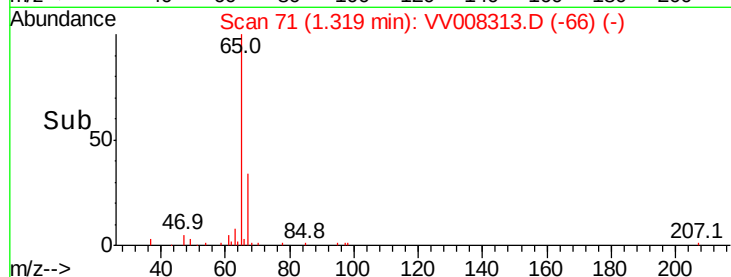
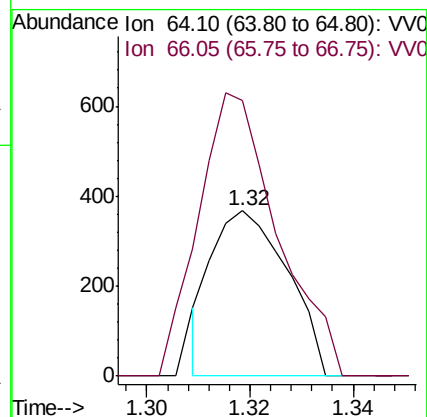
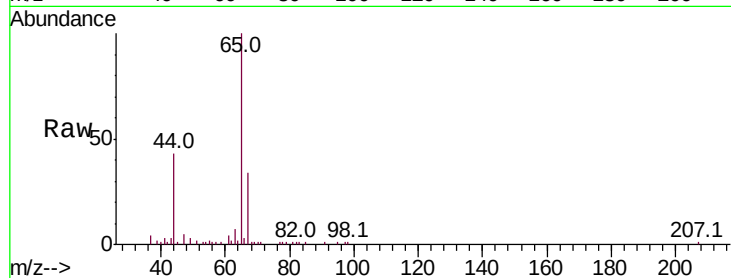
CWJT0DL

Tot Ion: 64 Resp: 373

Ion Ratio Lower Upper

64 100

66 166.6 22.5 41.9#



#12

1,1-Dichloroethene

Concen: 0.176 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008313.D

Acq: 16 Oct 2018 23:23

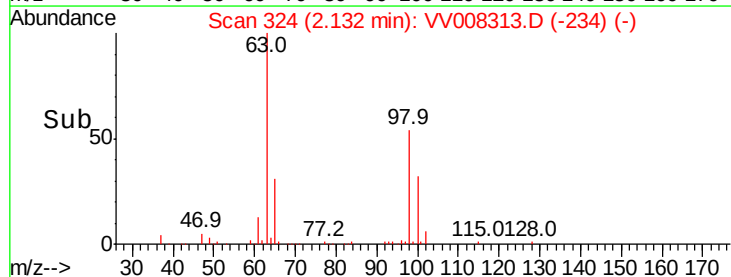
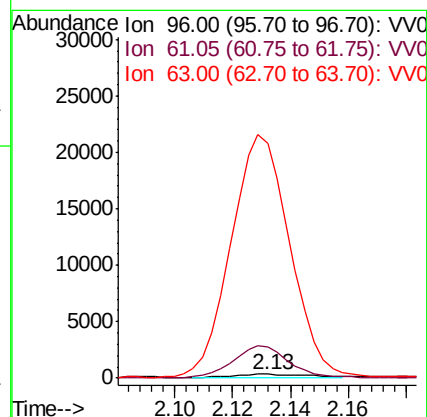
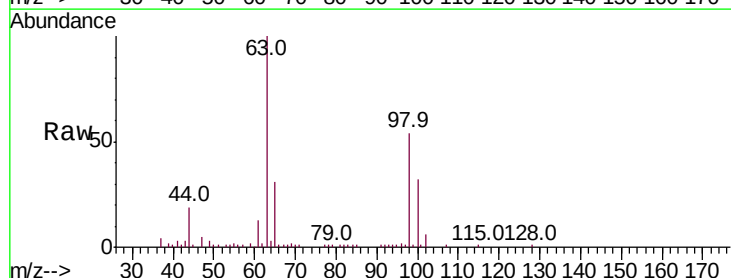
Tgt Ion: 96 Resp: 667

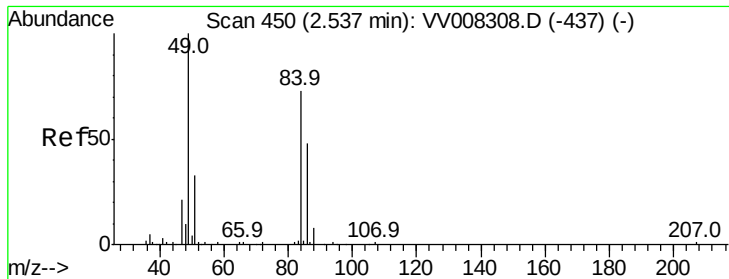
Ion Ratio Lower Upper

96 100

61 814.0 129.9 241.3#

63 6072.5 103.0 191.4#

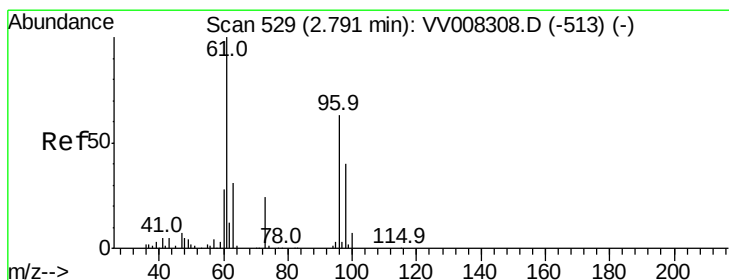
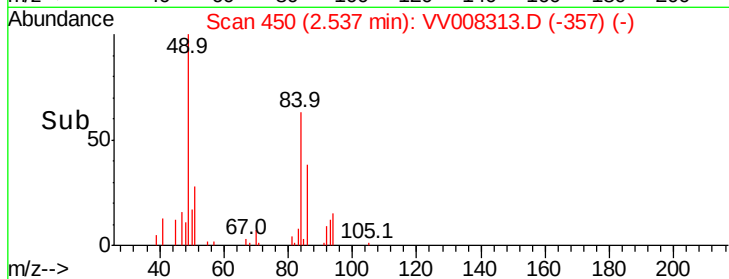
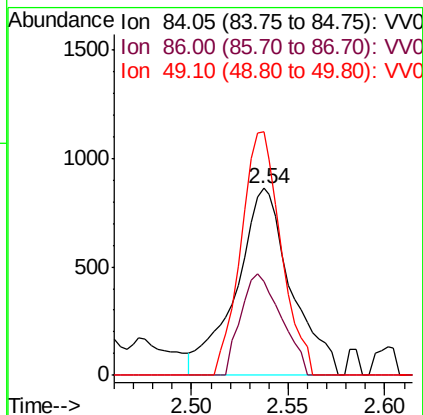
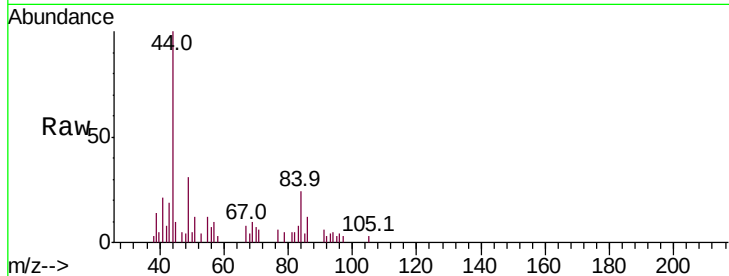




#16
Methvlene chloride
Concen: 0.389 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008313.D
Acq: 16 Oct 2018 23:23

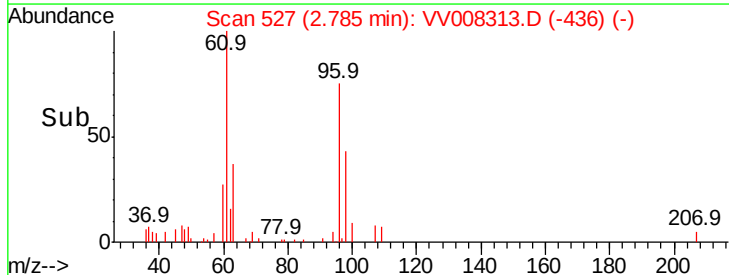
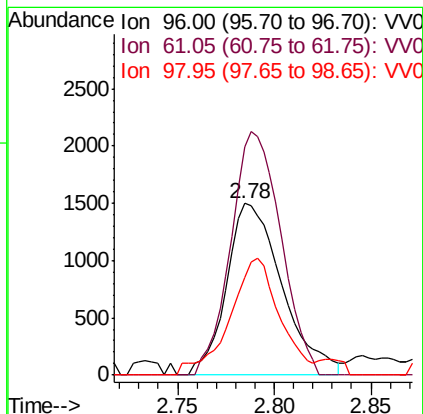
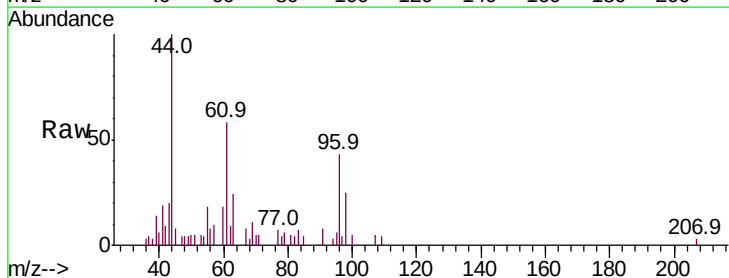
Instrument :
MSVOA_V
ClientSampleId :
CWJT0DL

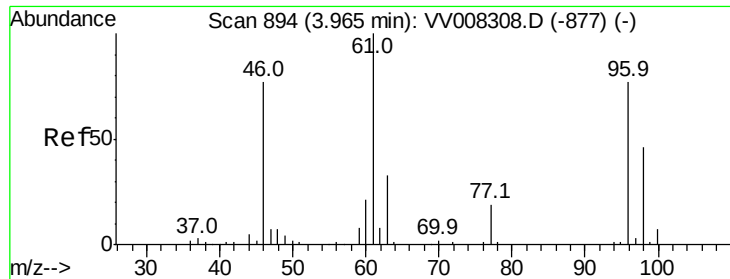
Tot Ion: 84 Resp: 1710
Ion Ratio Lower Upper
84 100
86 49.9 45.0 83.6
49 130.1 92.9 172.5



#18
trans-1,2-Dichloroethene
Concen: 0.734 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.01 min
Lab File: VV008313.D
Acq: 16 Oct 2018 23:23

Tgt Ion: 96 Resp: 3000
Ion Ratio Lower Upper
96 100
61 133.1 104.6 194.2
98 57.2 44.1 81.9



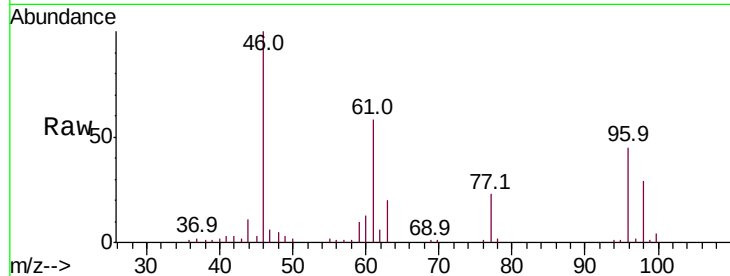


#22

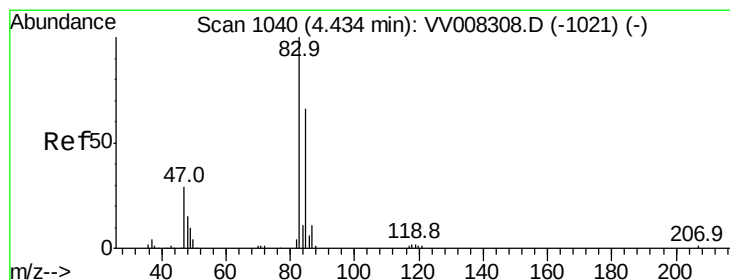
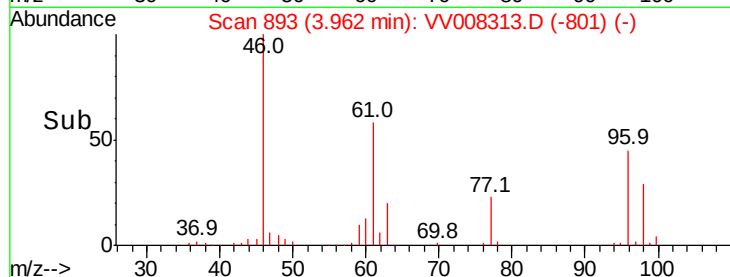
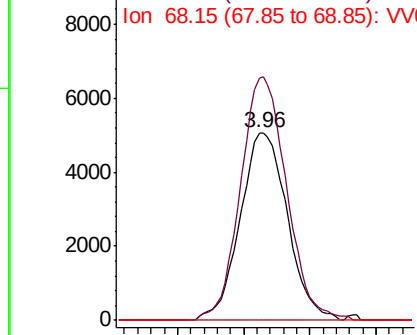
cis-1,2-Dichloroethene
Concen: 1.904 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV008313.D
Acq: 16 Oct 2018 23:23

Instrument :
MSVOA_V
ClientSampleId :
CWJT0DL

Tot Ion: 96 Resp: 12565
Ion Ratio Lower Upper
96 100
61 129.4 93.7 174.1
68 0.0 0.6 1.2#



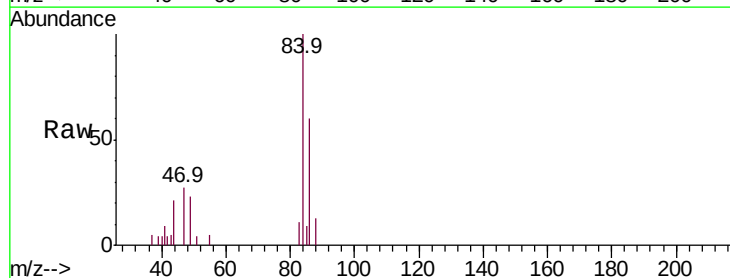
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



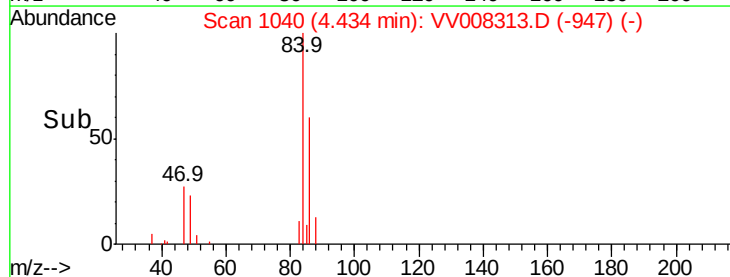
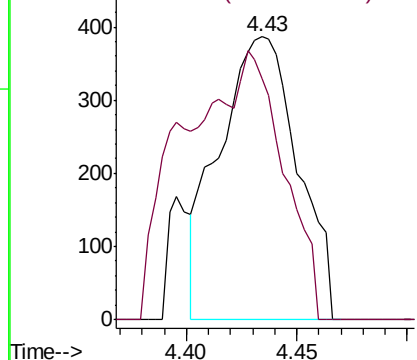
#25

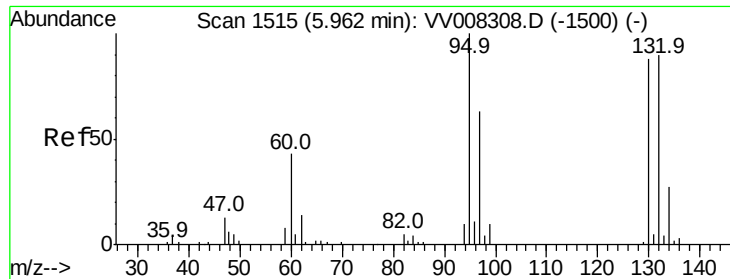
Chloroform
Concen: 0.093 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VV008313.D
Acq: 16 Oct 2018 23:23

Tgt Ion: 83 Resp: 958
Ion Ratio Lower Upper
83 100
85 85.3 43.4 80.6#



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 11.087 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008313.D

Acq: 16 Oct 2018 23:23

Instrument :

MSVOA_V

ClientSampleId :

CWJT0DL

Tot Ion: 95 Resp: 72827

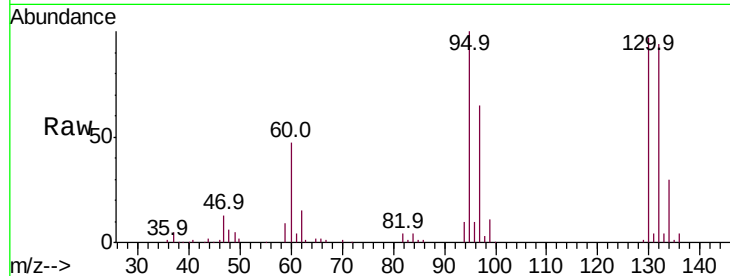
Ion Ratio Lower Upper

95 100

97 64.8 44.4 82.4

132 93.8 60.4 112.2

130 96.9 65.5 121.7

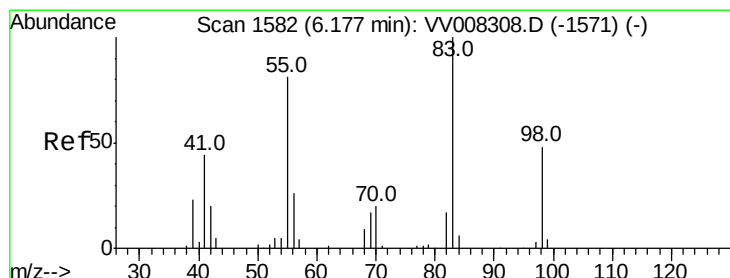
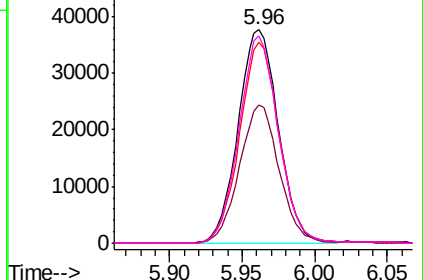
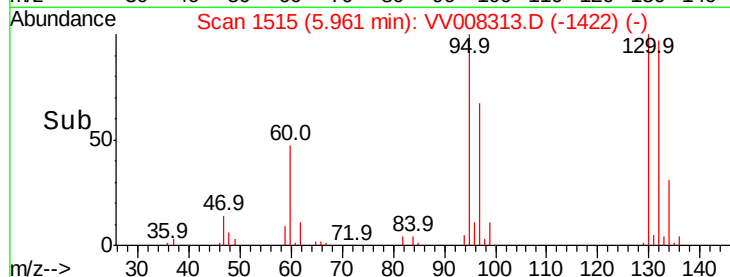


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.640 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008313.D

Acq: 16 Oct 2018 23:23

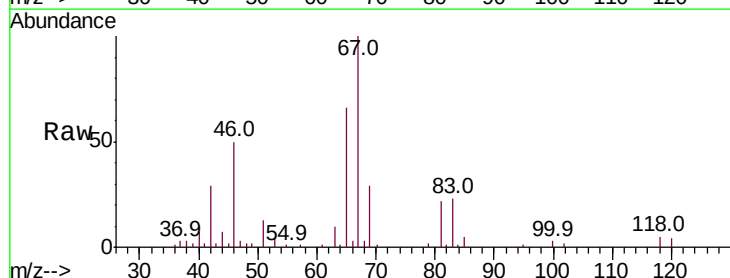
Tgt Ion: 83 Resp: 7089

Ion Ratio Lower Upper

83 100

55 0.9 64.0 96.0#

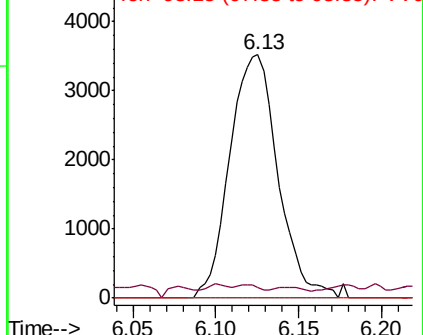
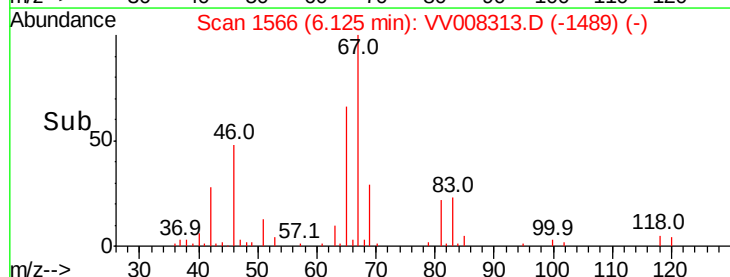
98 0.0 37.0 55.4#

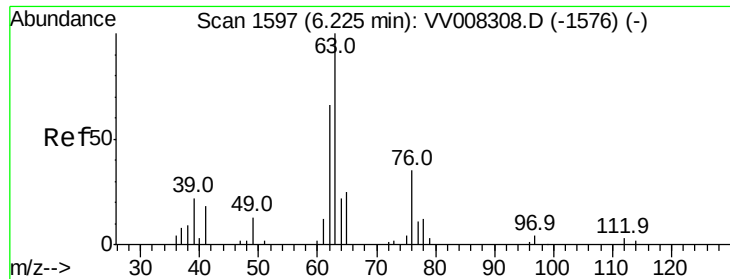


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

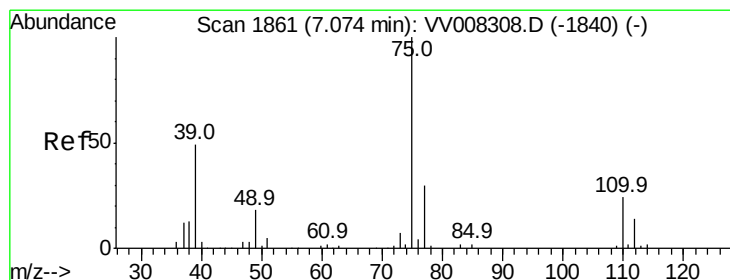
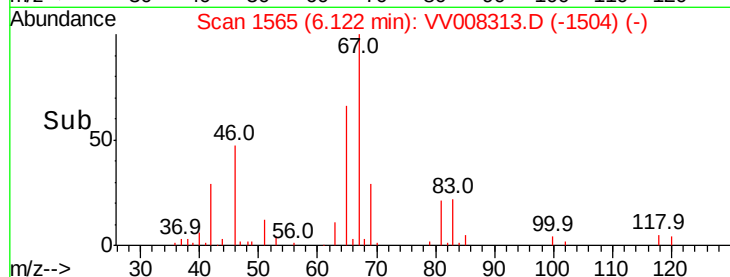
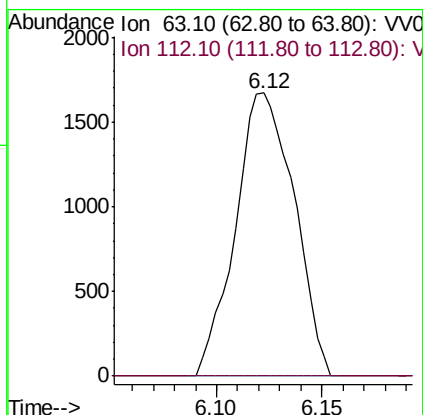
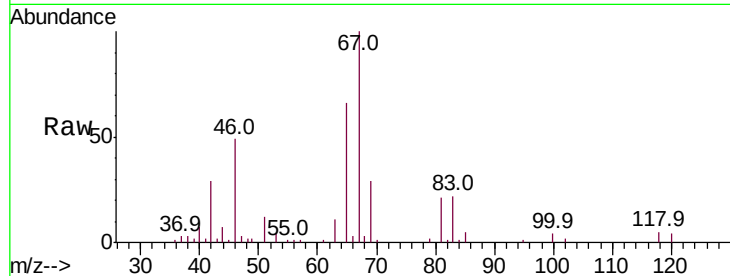




#37
 1,2-Dichloropropane
 Concen: 0.507 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008313.D
 Acq: 16 Oct 2018 23:23

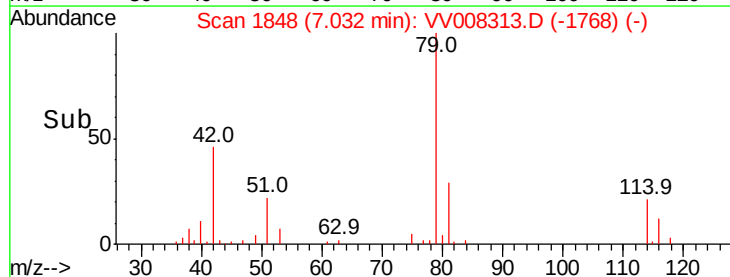
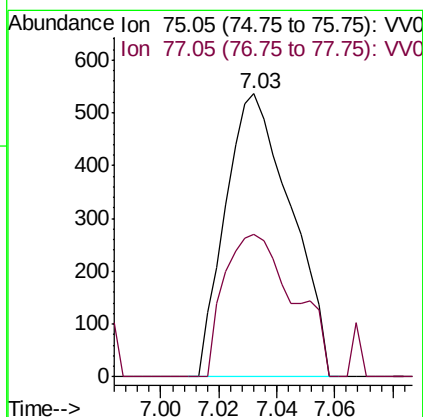
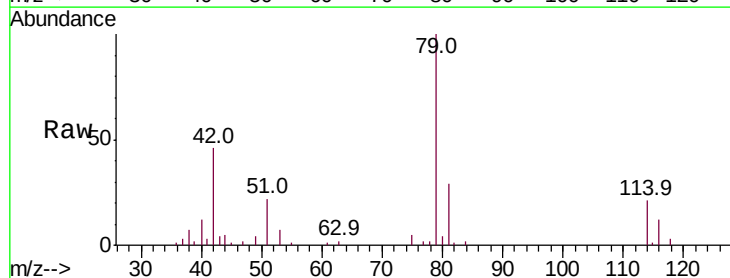
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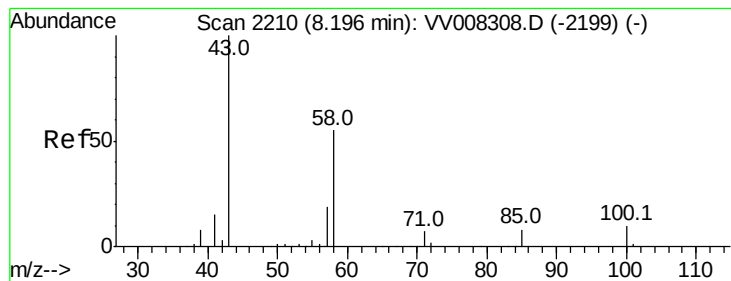
Tot Ion: 63 Resp: 3244
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008313.D
 Acq: 16 Oct 2018 23:23

Tgt Ion: 75 Resp: 840
 Ion Ratio Lower Upper
 75 100
 77 50.4 22.3 41.3#





#48
 2-Hexanone
 Concen: 6.648 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VV008313.D
 Acq: 16 Oct 2018 23:23

Instrument :
 MSVOA_V
 ClientSampleId :
 CWJT0DL

Tot Ion: 43 Resp: 19031
 Ion Ratio Lower Upper
 43 100
 58 60.0 45.0 67.4
 57 18.5 14.4 21.6
 100 6.3 7.9 11.9#

