

Data File : VV008253.D
Acq On : 11 Oct 2018 01:07
Operator : SY/MD
Sample : J5315-17 50X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JA8

Quant Time: Oct 11 02:05:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	83060	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32974	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17995	3.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	1.58	69	16674	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.13	63	27202	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	3.99	46	78976	64.39	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.78%
24) Chloroform-d	4.41	84	48547	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.09	65	25494	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	86499	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.12	67	31503	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.36	98	72822	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	7.67	79	9370	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.14	63	46654	51.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22779	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	30824	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

					Qvalue	
5) Vinyl chloride	1.32	62	589	0.111	ug/L #	48
8) Chloroethane	1.32	64	358	0.101	ug/L #	1
15) Methyl Acetate	2.47	43	403	0.204	ug/L #	53
16) Methylene chloride	2.54	84	6368	1.166	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	12927	2.334	ug/L	93
34) Trichloroethene	5.96	95	193271	32.482	ug/L	99
35) Methylcyclohexane	6.12	83	7373	0.887	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	3278	0.596	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	647	0.092	ug/L #	70
47) Tetrachloroethene	8.02	164	959	0.180	ug/L	90
48) 2-Hexanone	8.19	43	8099	3.826	ug/L #	81
49) Dibromochloromethane	8.02	129	816	0.169	ug/L #	10

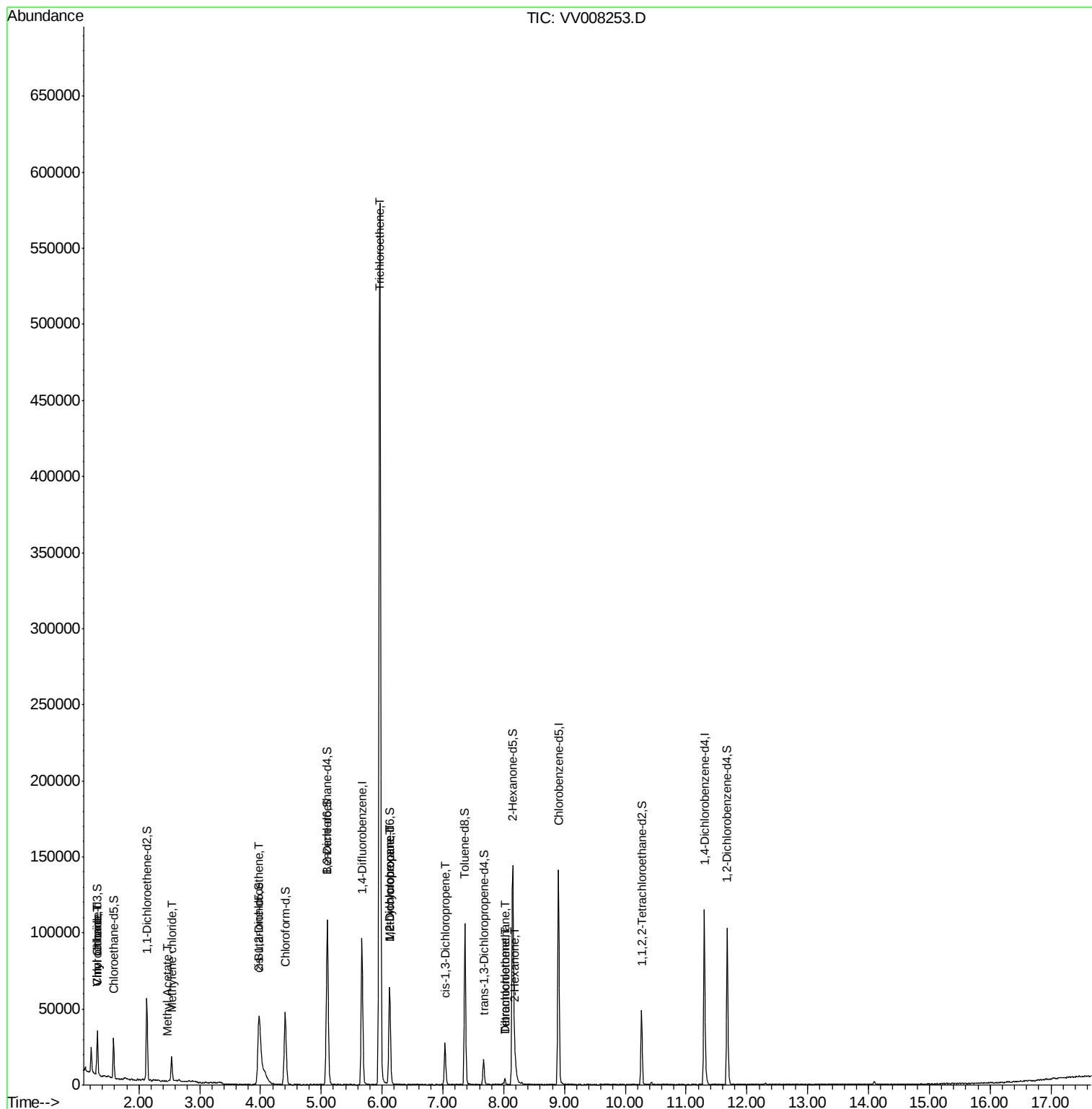
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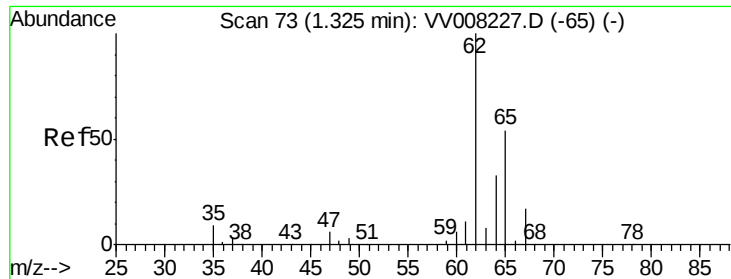
Data File : VV008253.D

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Operator    : SY/MD
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ALS Vial     : 29   Sample Multiplier: 1
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Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.111 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV008253.D

Acq: 11 Oct 2018 01:07

Instrument :

MSVOA_V

ClientSampleId :

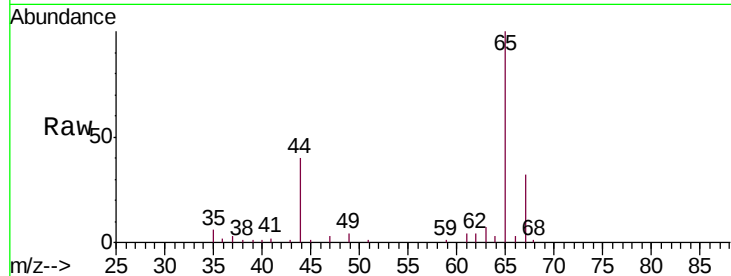
C0JA8

Tgt Ion: 62 Resp: 589

Ion Ratio Lower Upper

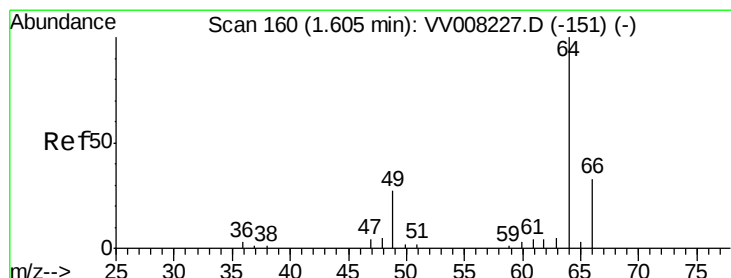
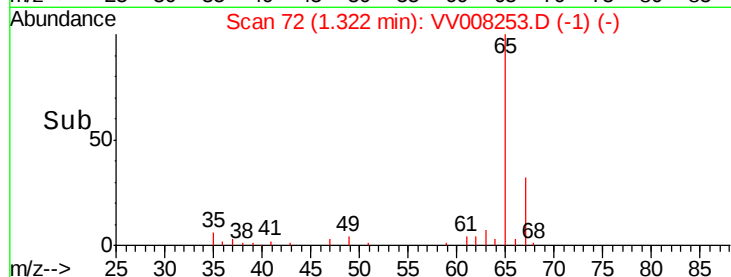
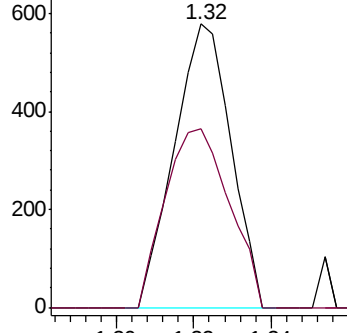
62 100

64 63.0 23.4 43.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 0.101 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008253.D

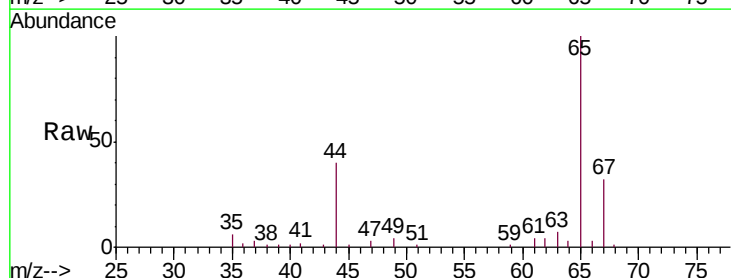
Acq: 11 Oct 2018 01:07

Tgt Ion: 64 Resp: 358

Ion Ratio Lower Upper

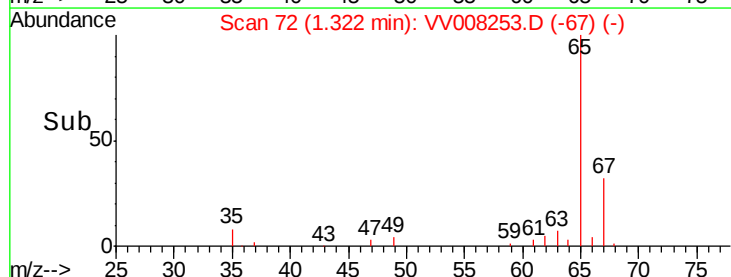
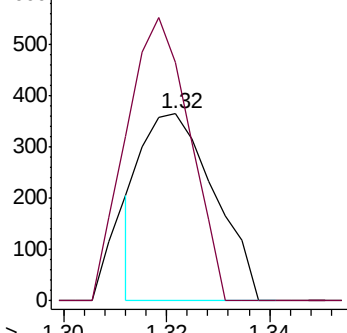
64 100

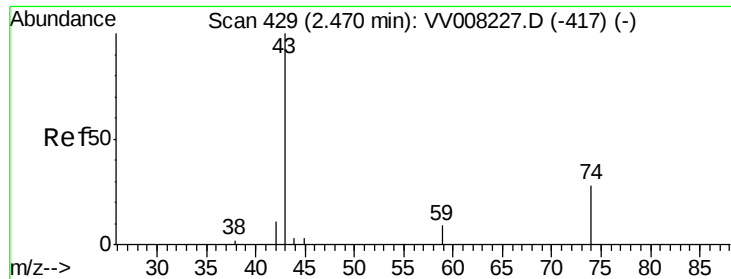
66 127.7 24.1 44.8#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

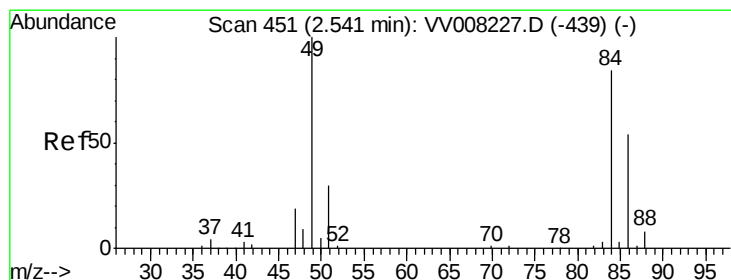
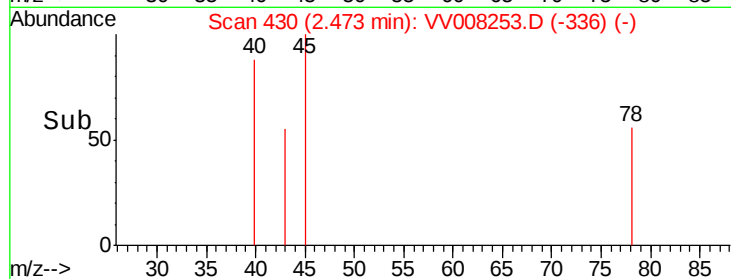
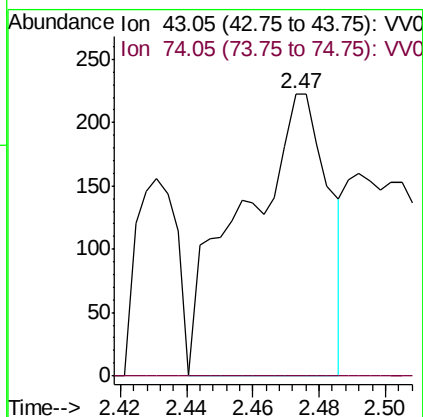
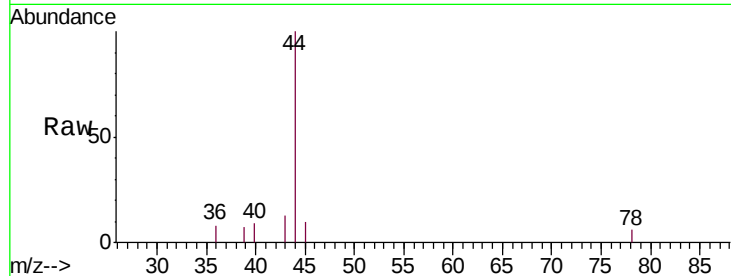




#15
Methyl Acetate
Concen: 0.204 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VV008253.D
Acq: 11 Oct 2018 01:07

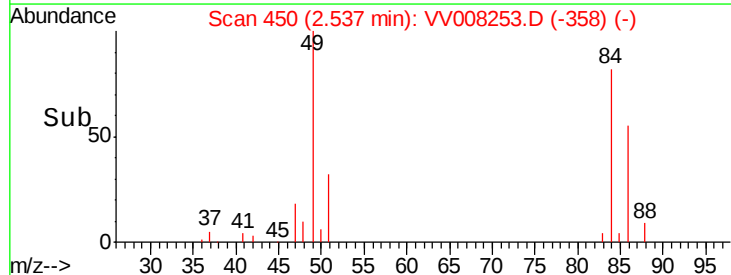
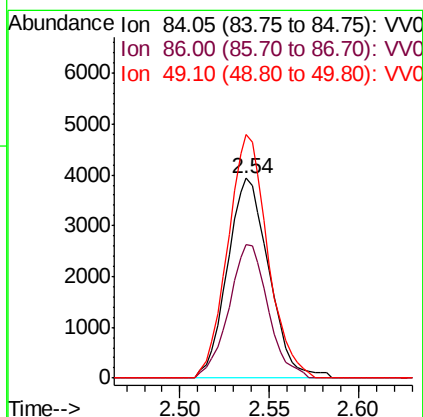
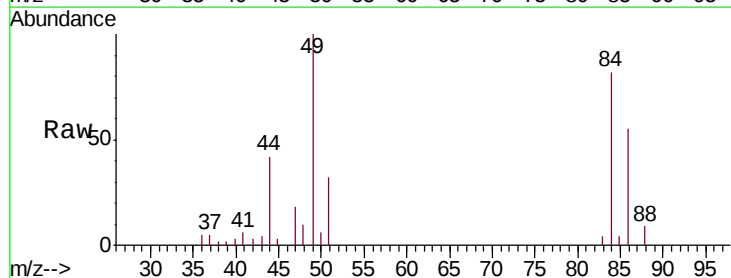
Instrument :
MSVOA_V
ClientSampleId :
C0JA8

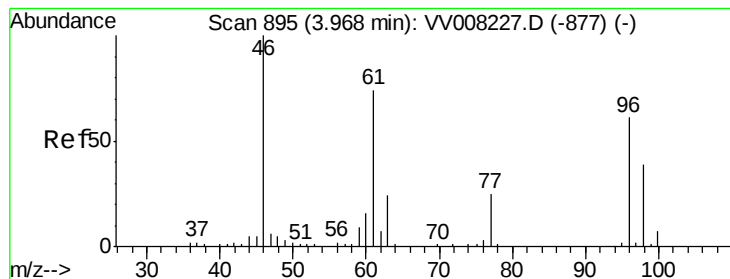
Tgt Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#



#16
Methylene chloride
Concen: 1.166 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008253.D
Acq: 11 Oct 2018 01:07

Tgt Ion: 84 Resp: 6368
Ion Ratio Lower Upper
84 100
86 66.9 45.3 84.1
49 121.8 83.0 154.1



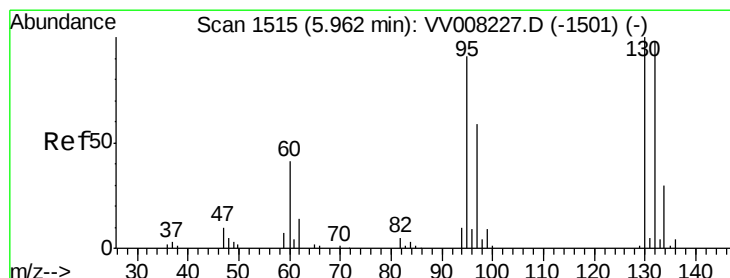
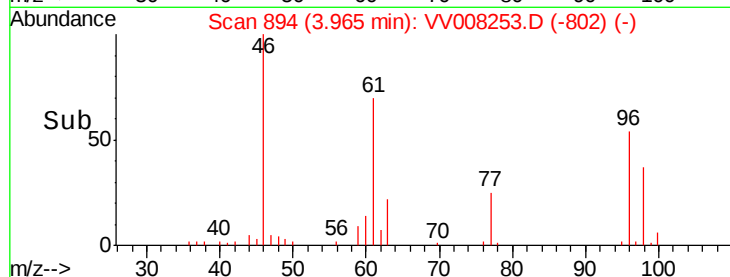
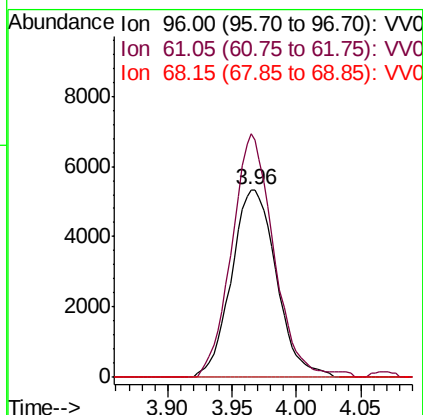
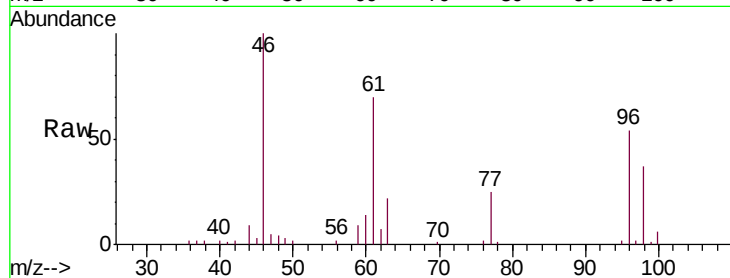


#22

cis-1,2-Dichloroethene
 Concen: 2.334 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: VV008253.D
 Acq: 11 Oct 2018 01:07

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JA8

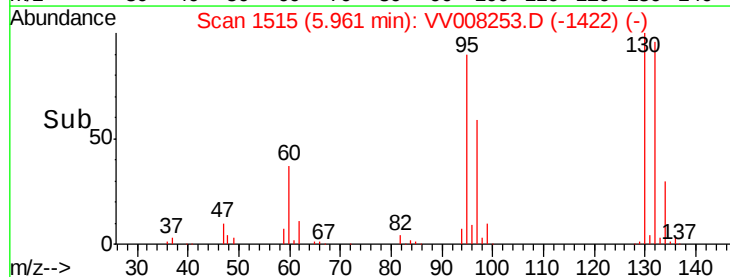
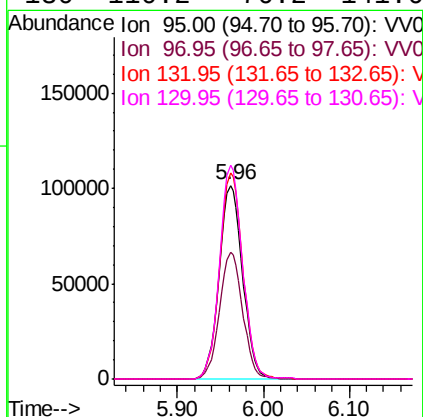
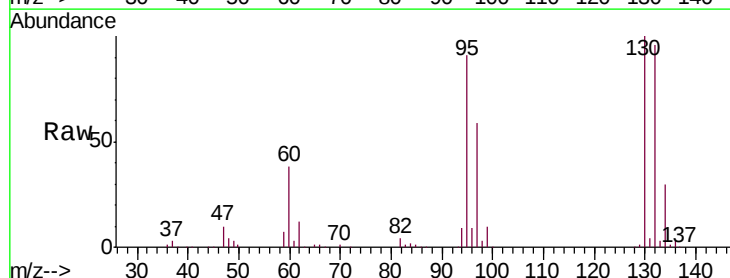
Tgt Ion: 96 Resp: 12927
 Ion Ratio Lower Upper
 96 100
 61 129.6 85.1 158.1
 68 0.0 0.0 0.0

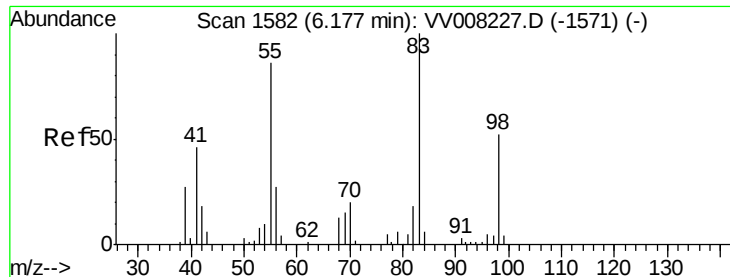


#34

Trichloroethene
 Concen: 32.482 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VV008253.D
 Acq: 11 Oct 2018 01:07

Tgt Ion: 95 Resp: 193271
 Ion Ratio Lower Upper
 95 100
 97 65.2 44.9 83.5
 132 106.3 73.6 136.6
 130 110.2 76.2 141.6





#35

Methylcyclohexane

Concen: 0.887 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008253.D

Acq: 11 Oct 2018 01:07

Instrument :
MSVOA_V
ClientSampleId :
C0JA8

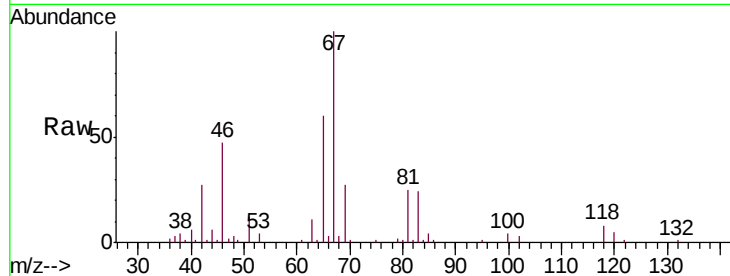
Tgt Ion: 83 Resp: 7373

Ion Ratio Lower Upper

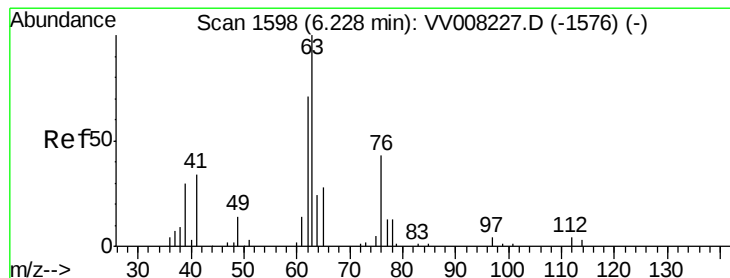
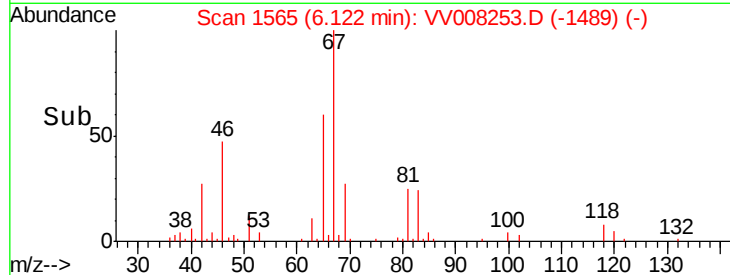
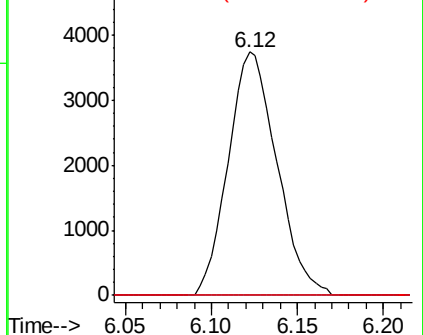
83 100

55 0.0 63.6 95.4#

98 0.0 38.3 57.5#



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: 0.596 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.11 min

Lab File: VV008253.D

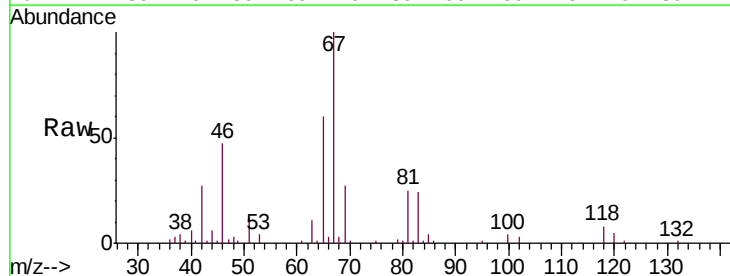
Acq: 11 Oct 2018 01:07

Tgt Ion: 63 Resp: 3278

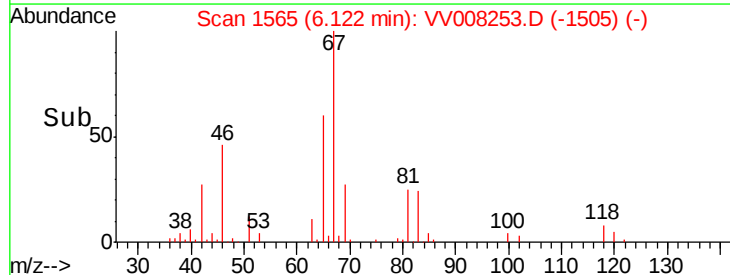
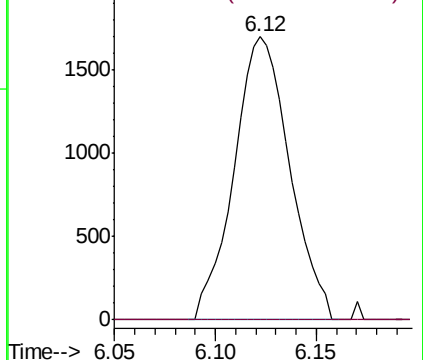
Ion Ratio Lower Upper

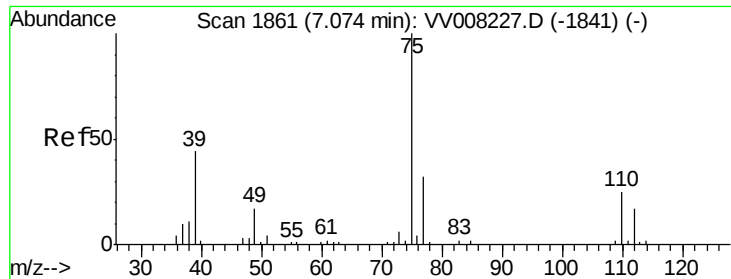
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

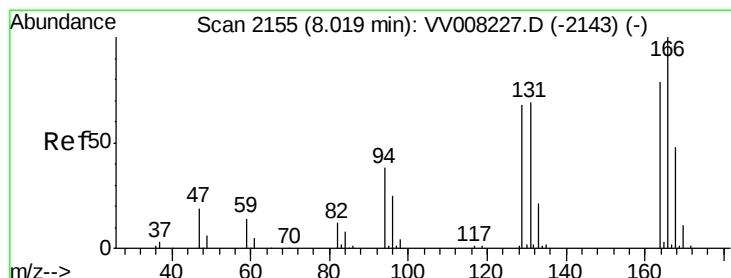
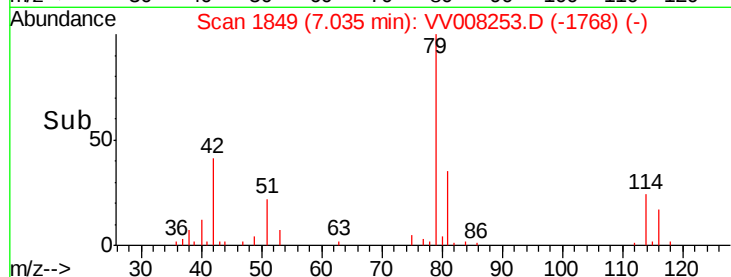
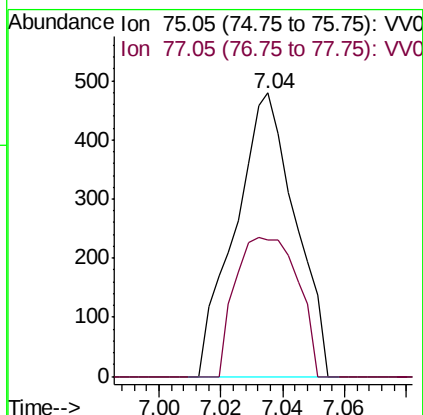
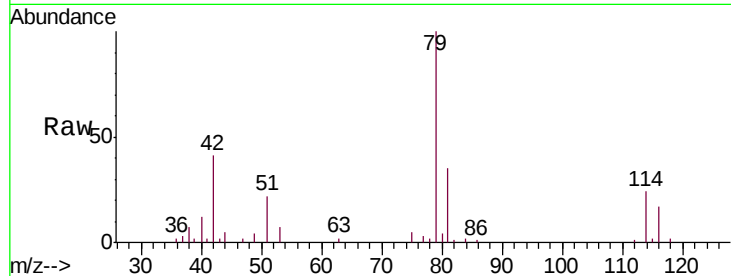




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008253.D
 Acq: 11 Oct 2018 01:07

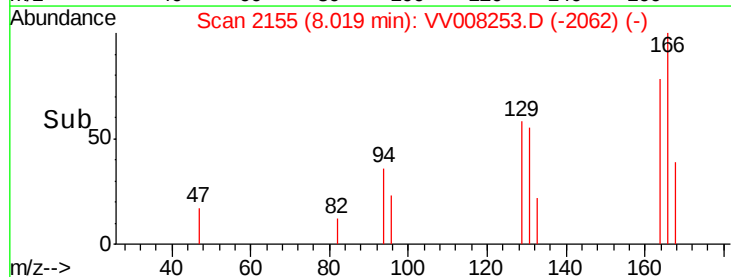
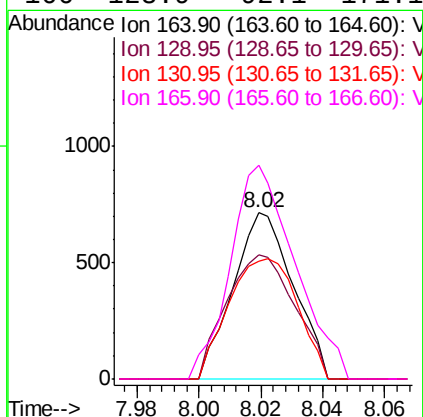
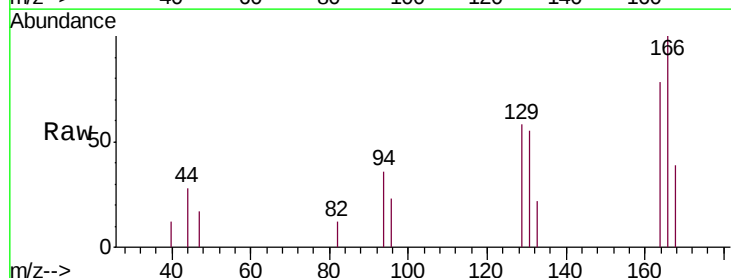
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JA8

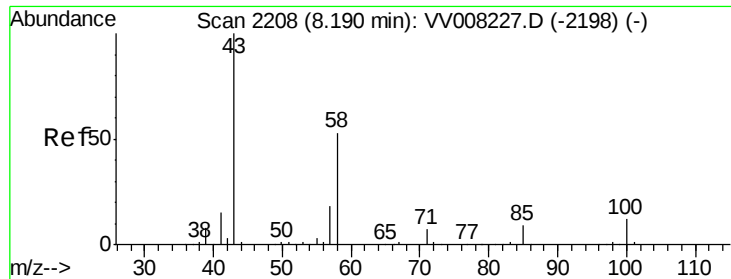
Tgt Ion: 75 Resp: 647
 Ion Ratio Lower Upper
 75 100
 77 48.2 22.1 41.1#



#47
 Tetrachloroethene
 Concen: 0.180 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: VV008253.D
 Acq: 11 Oct 2018 01:07

Tgt Ion: 164 Resp: 959
 Ion Ratio Lower Upper
 164 100
 129 74.6 62.2 115.4
 131 71.4 60.5 112.5
 166 128.9 92.1 171.1

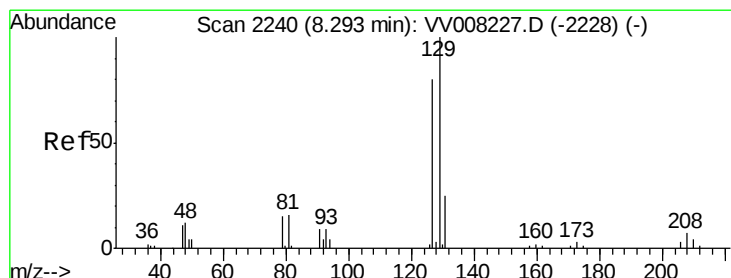
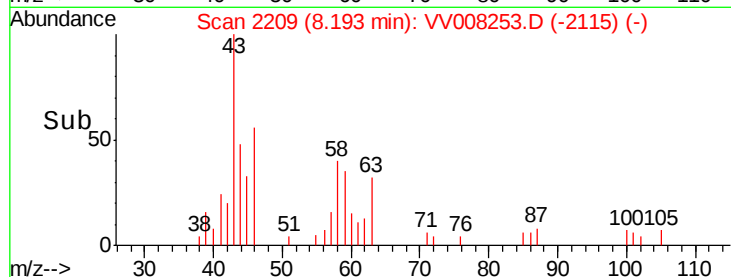
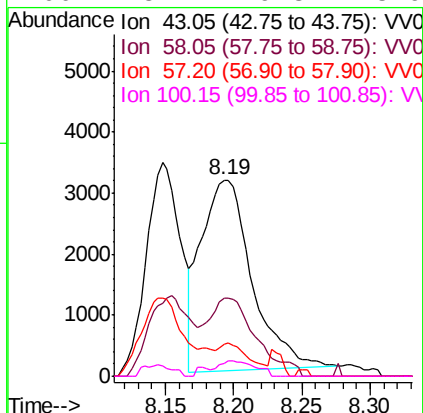
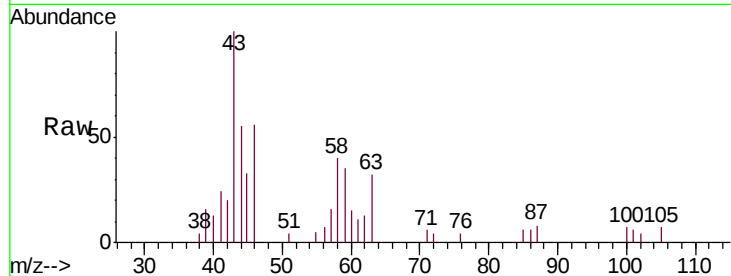




#48
2-Hexanone
Concen: 3.826 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV008253.D
Acq: 11 Oct 2018 01:07

Instrument :
MSVOA_V
ClientSampleId :
C0JA8

Tgt Ion: 43 Resp: 8099
Ion Ratio Lower Upper
43 100
58 37.1 40.5 60.7#
57 10.0 14.6 22.0#
100 5.7 9.3 13.9#



#49
Dibromochloromethane
Concen: 0.169 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008253.D
Acq: 11 Oct 2018 01:07

Tgt Ion: 129 Resp: 816
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#

