

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
 Data File : VV007551.D
 Acq On : 15 Sep 2018 04:03
 Operator : SY/MD
 Sample : J4872-13
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KR3

Quant Time: Sep 15 04:48:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 15 02:08:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	111169	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	95672	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42690	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22955	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.58	69	23489	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	40779	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.97	46	42410	52.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.72%
24) Chloroform-d	4.41	84	52471	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.09	65	26409	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.10	84	100836	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.13	67	30493	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.36	98	95607	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.67	79	10274	3.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.60%
46) 2-Hexanone-d5	8.15	63	29822	62.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.80%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19472	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	37077	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

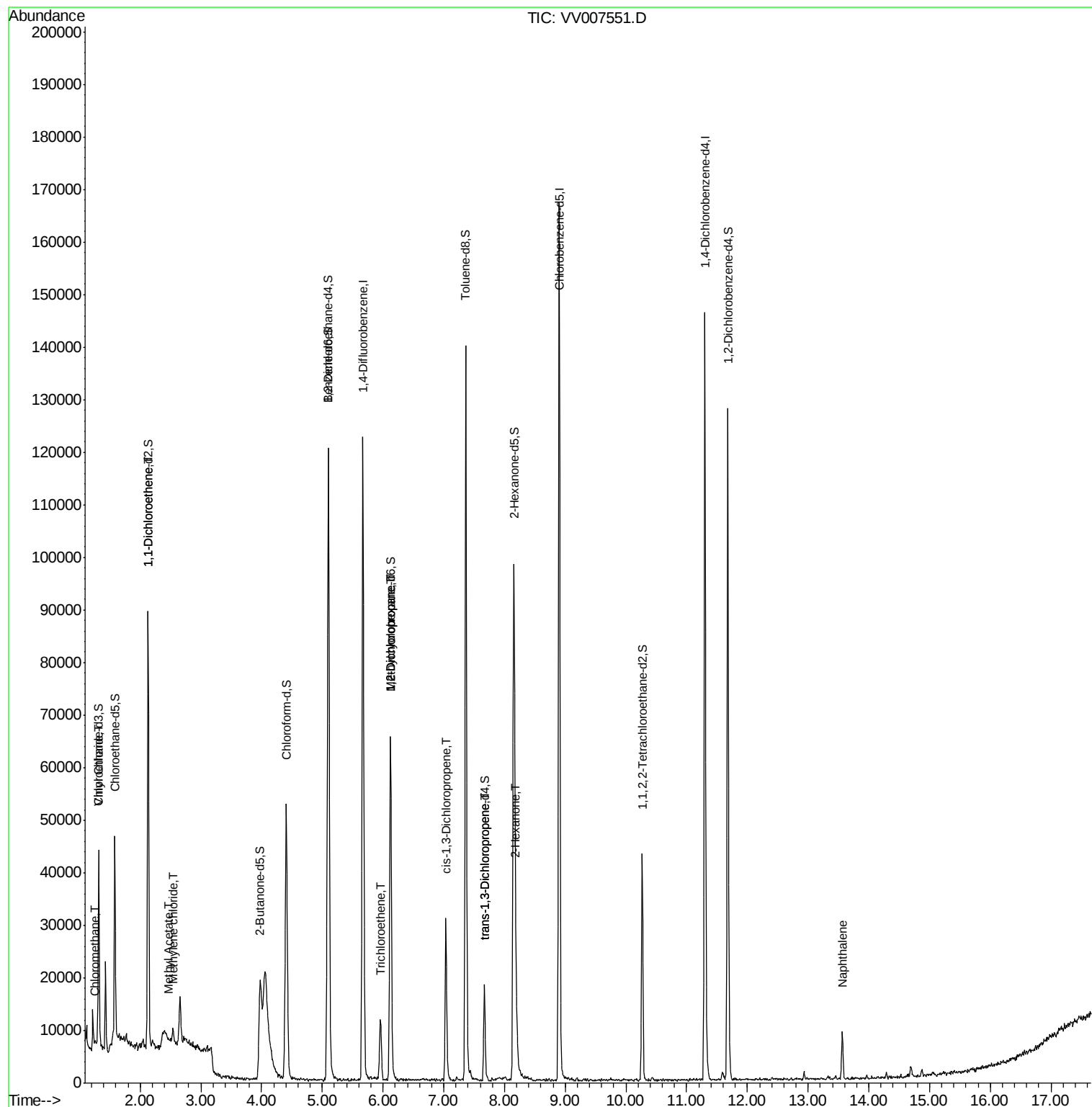
					Qvalue
3) Chloromethane	1.25	50	557	0.106 ug/L	99
8) Chloroethane	1.32	64	326	0.092 ug/L #	1
12) 1,1-Dichloroethene	2.13	96	692	0.123 ug/L #	1
15) Methyl Acetate	2.47	43	271	0.187 ug/L #	43
16) Methylene chloride	2.54	84	771	0.126 ug/L	97
34) Trichloroethene	5.96	95	2568	0.424 ug/L	94
35) Methylcyclohexane	6.12	83	7379	0.789 ug/L #	22
37) 1,2-Dichloropropane	6.12	63	3713	0.763 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	821	0.106 ug/L #	49
44) trans-1,3-Dichloropropene	7.67	75	529	0.083 ug/L #	75
48) 2-Hexanone	8.19	43	5379	2.636 ug/L #	85
69) Naphthalene	13.56	128	7758	1.057 ug/L	98

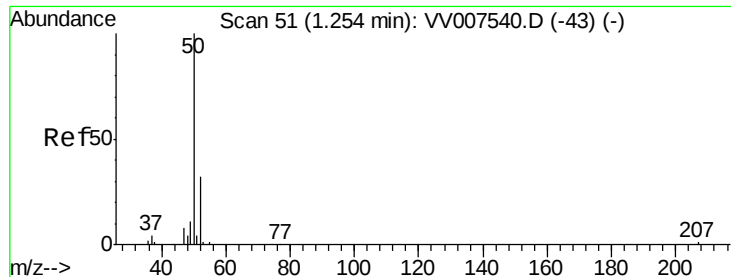
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
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QLast Update : Sat Sep 15 02:08:52 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.106 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV007551.D

Acq: 15 Sep 2018 04:03

Instrument :

MSVOA_V

ClientSampled :

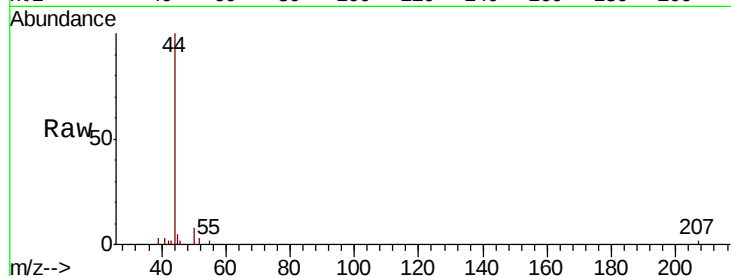
C0KR3

Tgt Ion: 50 Resp: 557

Ion Ratio Lower Upper

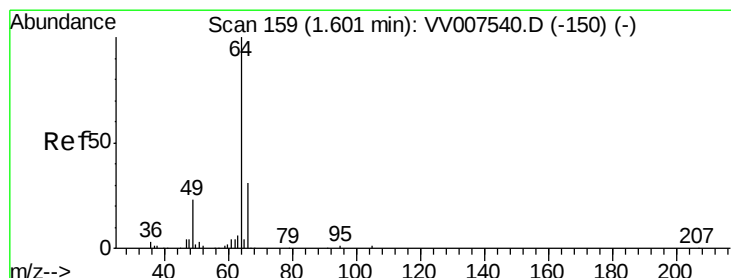
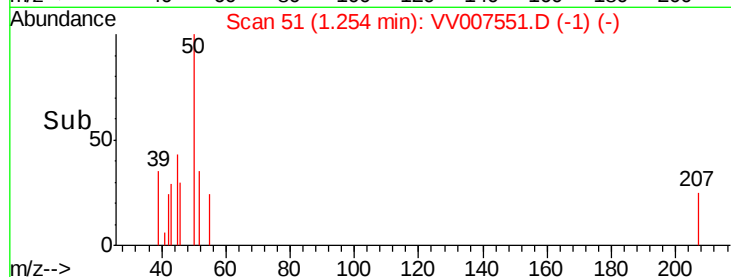
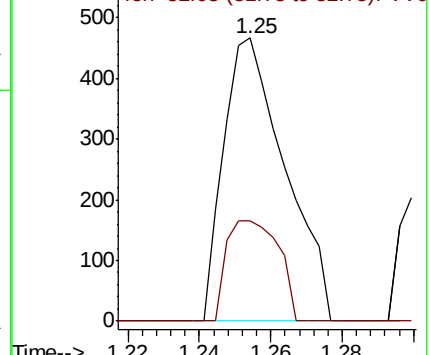
50 100

52 35.3 24.3 45.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.092 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007551.D

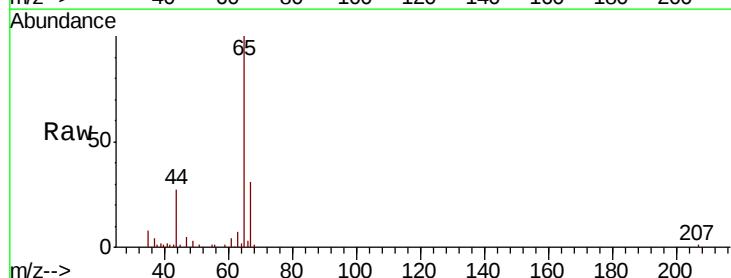
Acq: 15 Sep 2018 04:03

Tgt Ion: 64 Resp: 326

Ion Ratio Lower Upper

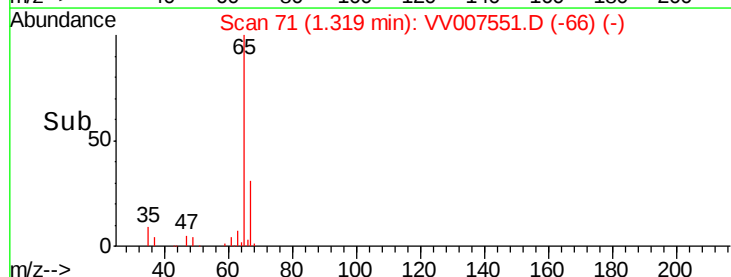
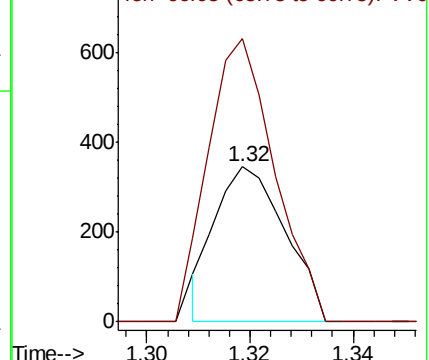
64 100

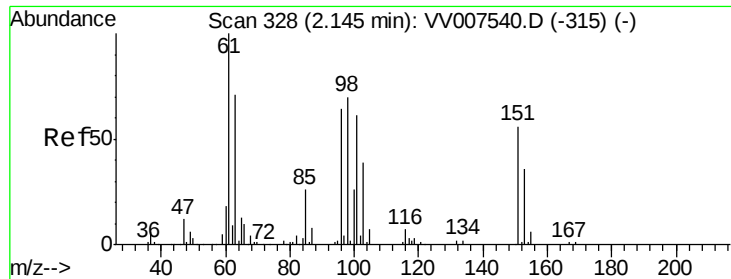
66 182.4 24.3 45.1#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#12

1,1-Dichloroethene

Concen: 0.123 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV007551.D

Acq: 15 Sep 2018 04:03

Instrument :

MSVOA_V

ClientSampled :

C0KR3

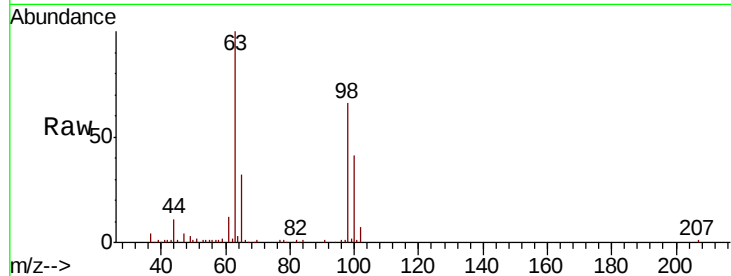
Tgt Ion: 96 Resp: 692

Ion Ratio Lower Upper

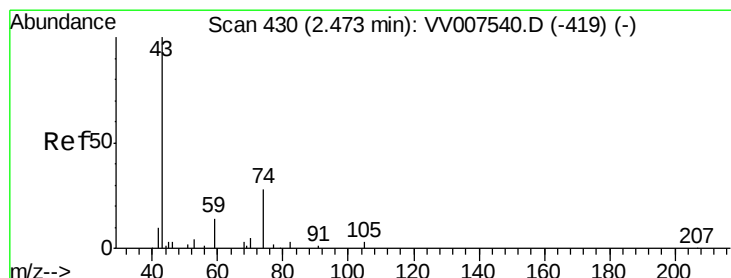
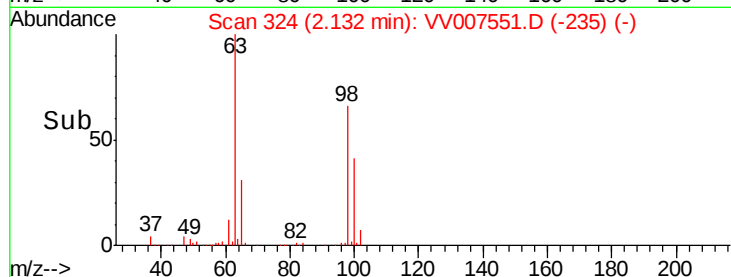
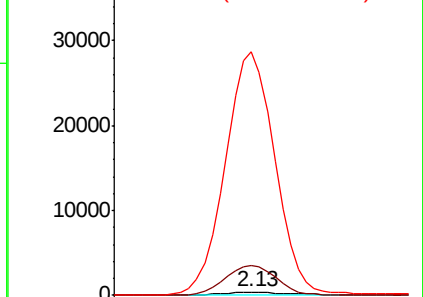
96 100

61 934.4 114.8 213.2#

63 7591.5 81.8 151.8#



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: 0.187 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VV007551.D

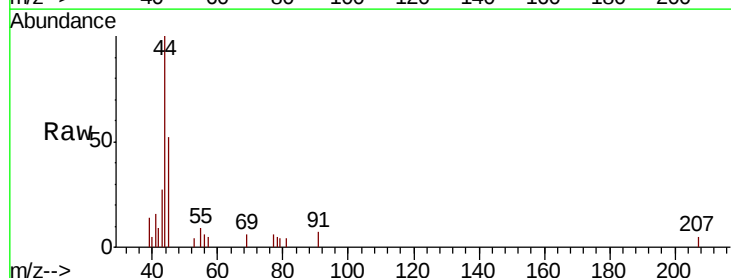
Acq: 15 Sep 2018 04:03

Tgt Ion: 43 Resp: 271

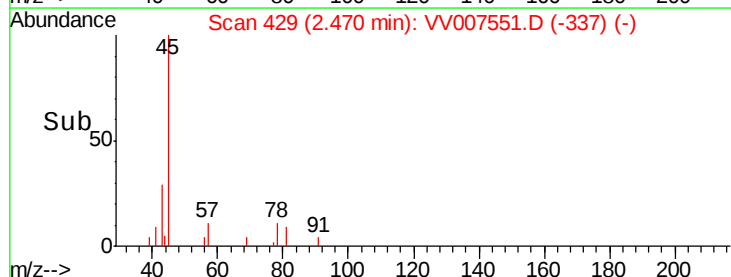
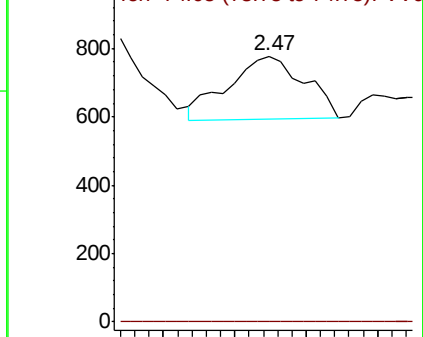
Ion Ratio Lower Upper

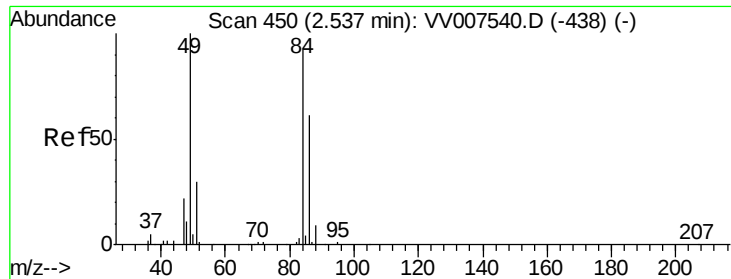
43 100

74 0.0 25.4 38.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 74.05 (73.75 to 74.75): VV0

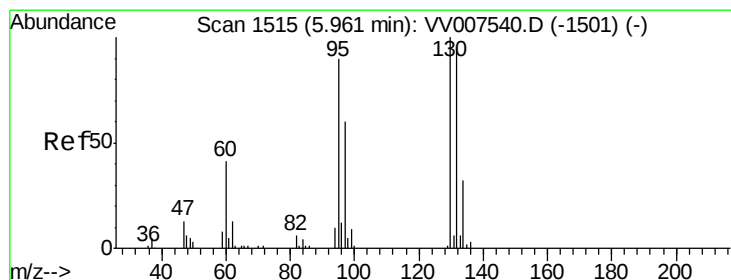
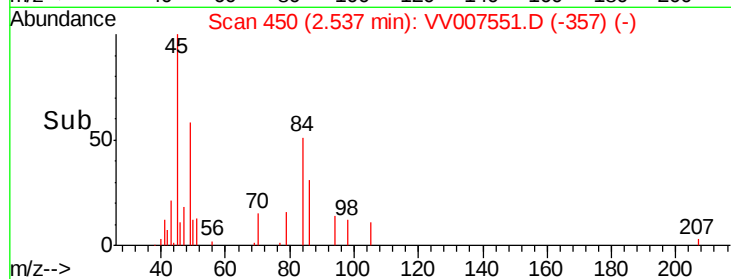
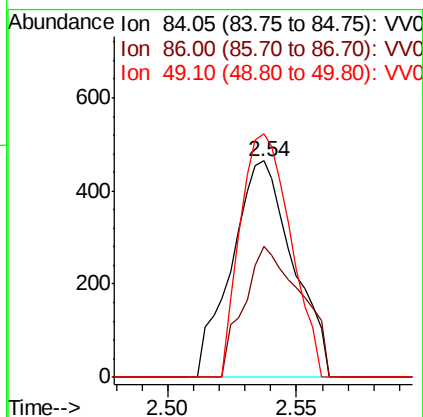
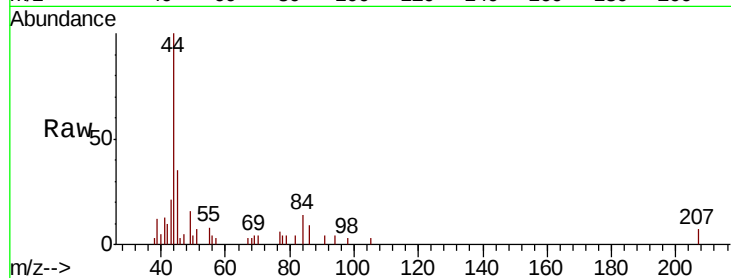




#16
Methylene chloride
Concen: 0.126 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV007551.D
Acq: 15 Sep 2018 04:03

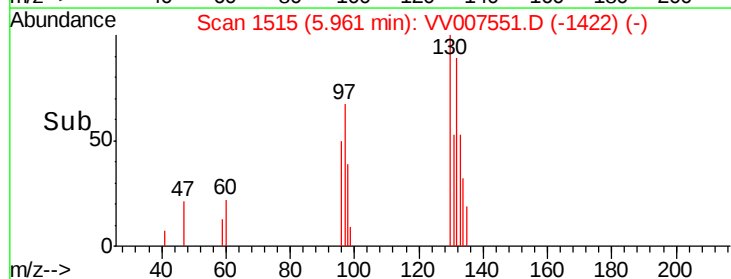
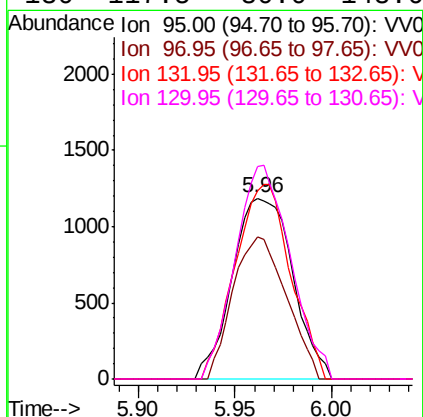
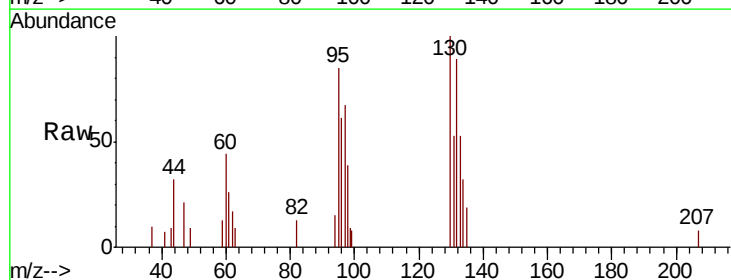
Instrument :
MSVOA_V
ClientSampleId :
C0KR3

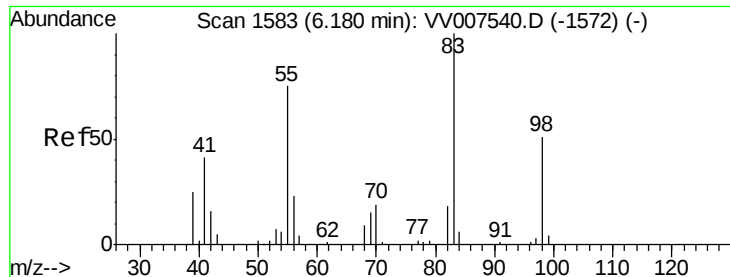
Tgt Ion: 84 Resp: 771
Ion Ratio Lower Upper
84 100
86 60.3 43.7 81.1
49 112.7 76.8 142.6



#34
Trichloroethene
Concen: 0.424 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV007551.D
Acq: 15 Sep 2018 04:03

Tgt Ion: 95 Resp: 2568
Ion Ratio Lower Upper
95 100
97 78.5 45.5 84.5
132 104.3 74.9 139.1
130 117.5 80.0 148.6

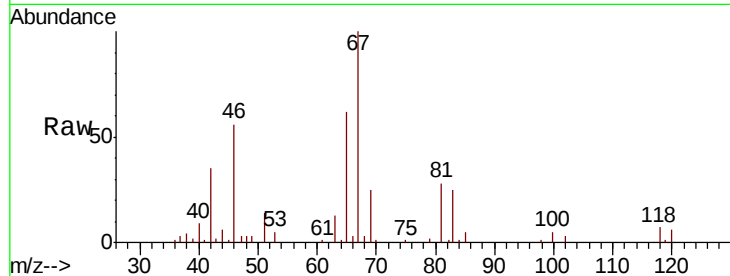




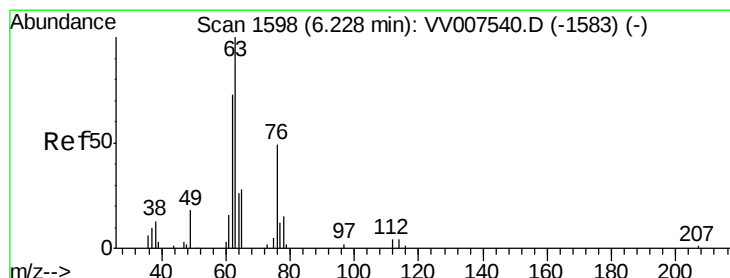
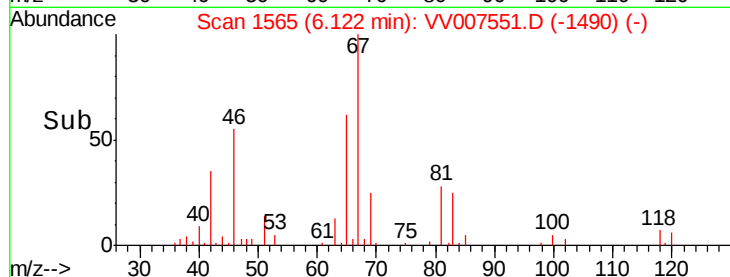
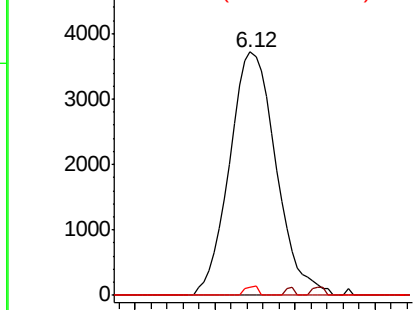
#35
Methylcyclohexane
Concen: 0.789 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007551.D
Acq: 15 Sep 2018 04:03

Instrument :
MSVOA_V
ClientSampleId :
C0KR3

Tgt Ion: 83 Resp: 7379
Ion Ratio Lower Upper
83 100
55 0.6 55.0 82.4#
98 1.0 37.6 56.4#

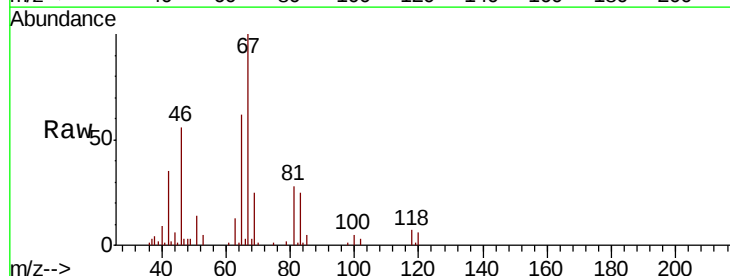


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

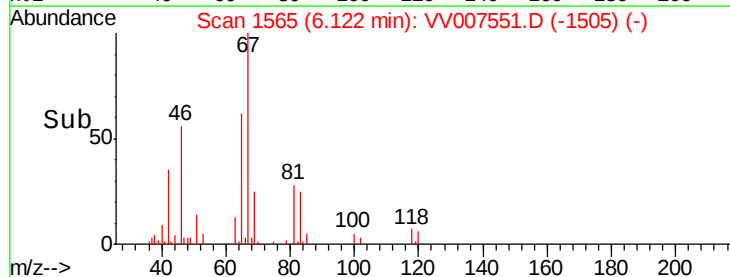
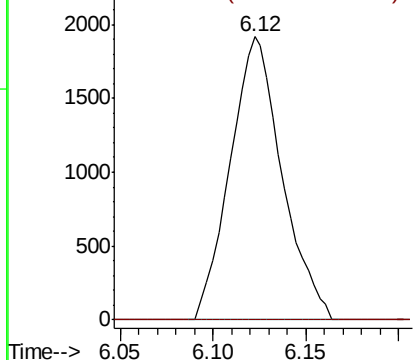


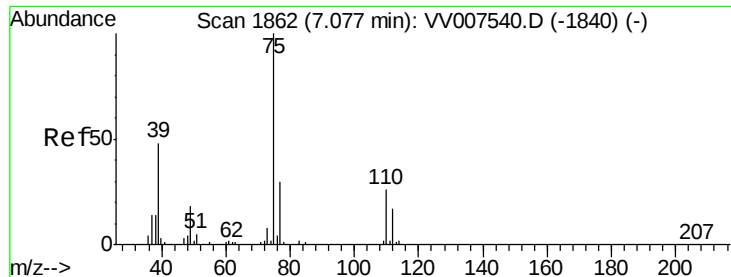
#37
1,2-Dichloropropane
Concen: 0.763 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV007551.D
Acq: 15 Sep 2018 04:03

Tgt Ion: 63 Resp: 3713
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



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: 0.106 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007551.D

Acq: 15 Sep 2018 04:03

Instrument :

MSVOA_V

ClientSampleId :

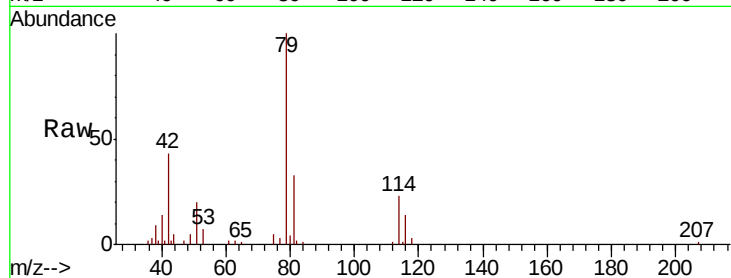
C0KR3

Tgt Ion: 75 Resp: 821

Ion Ratio Lower Upper

75 100

77 59.5 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.03

400

300

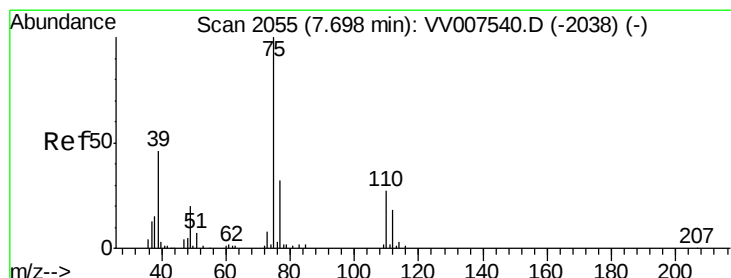
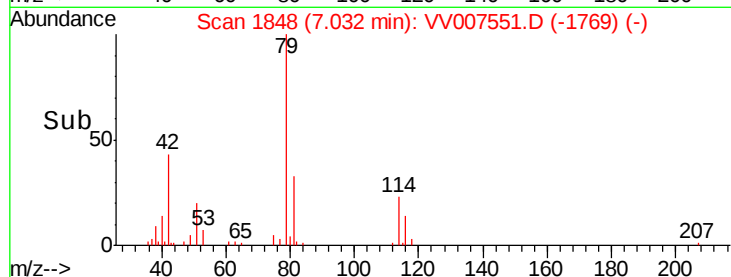
200

100

0

7.00 7.05

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007551.D

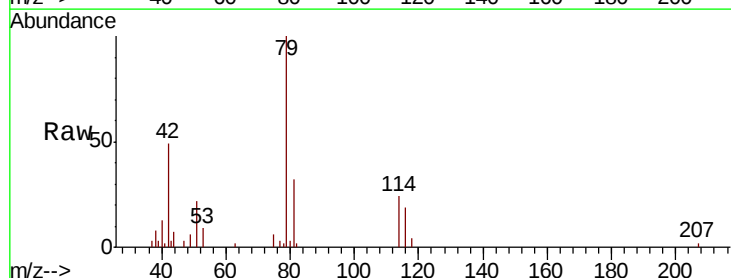
Acq: 15 Sep 2018 04:03

Tgt Ion: 75 Resp: 529

Ion Ratio Lower Upper

75 100

77 47.8 23.4 43.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

400

300

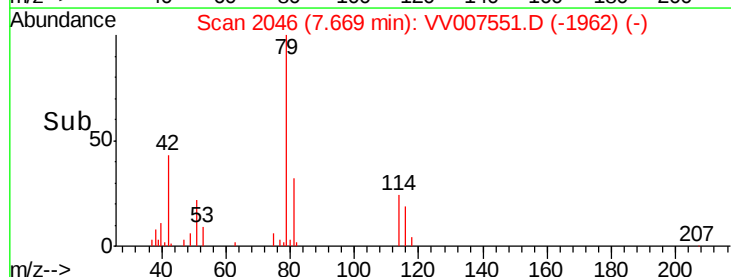
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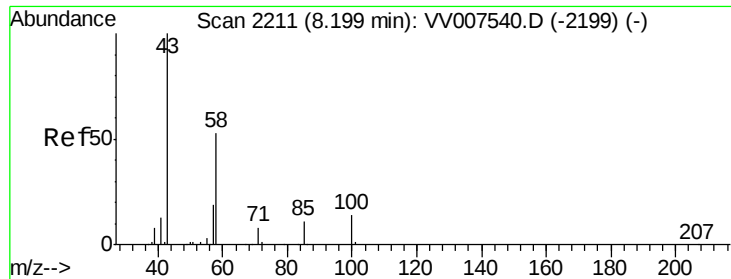
100

0

7.62 7.64 7.66 7.68 7.70

Time-->

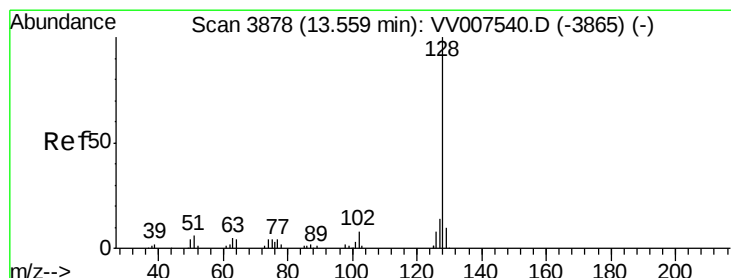
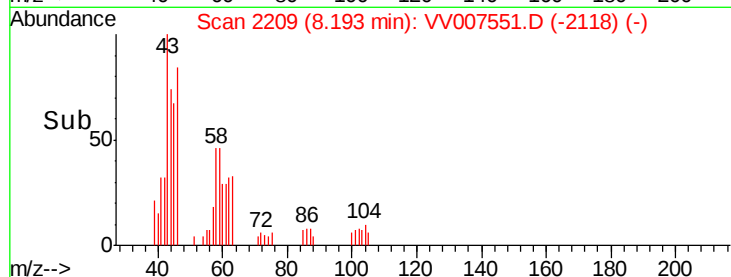
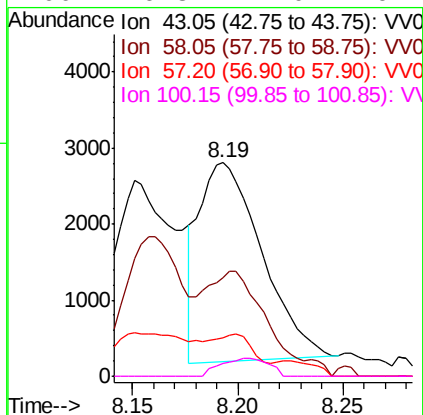
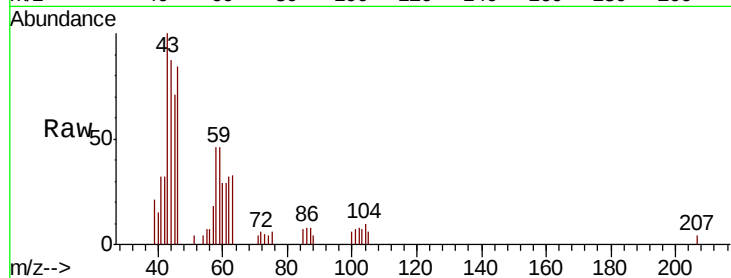




#48
2-Hexanone
Concen: 2.636 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VV007551.D
Acq: 15 Sep 2018 04:03

Instrument :
MSVOA_V
ClientSampleId :
C0KR3

Tgt Ion: 43 Resp: 5379
Ion Ratio Lower Upper
43 100
58 52.1 49.8 74.6
57 13.1 18.2 27.4#
100 6.8 11.0 16.4#



#69
Naphthalene
Concen: 1.057 ug/L
RT: 13.56 min Scan# 3879
Delta R.T. 0.00 min
Lab File: VV007551.D
Acq: 15 Sep 2018 04:03

Tgt Ion: 128 Resp: 7758
Ion Ratio Lower Upper
128 100
129 12.3 8.5 12.7
127 12.8 10.5 15.7

