

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091418\
 Data File : VV007545.D
 Acq On : 15 Sep 2018 01:15
 Operator : SY/MD
 Sample : J4888-12
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KW7

Quant Time: Sep 15 02:09:56 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	123238	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	104102	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47666	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25886	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.58	69	25145	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.13	63	46376	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.98	46	36441	40.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.18%
24) Chloroform-d	4.41	84	55569	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.09	65	28078	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.10	84	109740	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	32587	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.36	98	107913	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.67	79	11255	3.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.20%
46) 2-Hexanone-d5	8.15	63	30210	58.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21219	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	39077	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

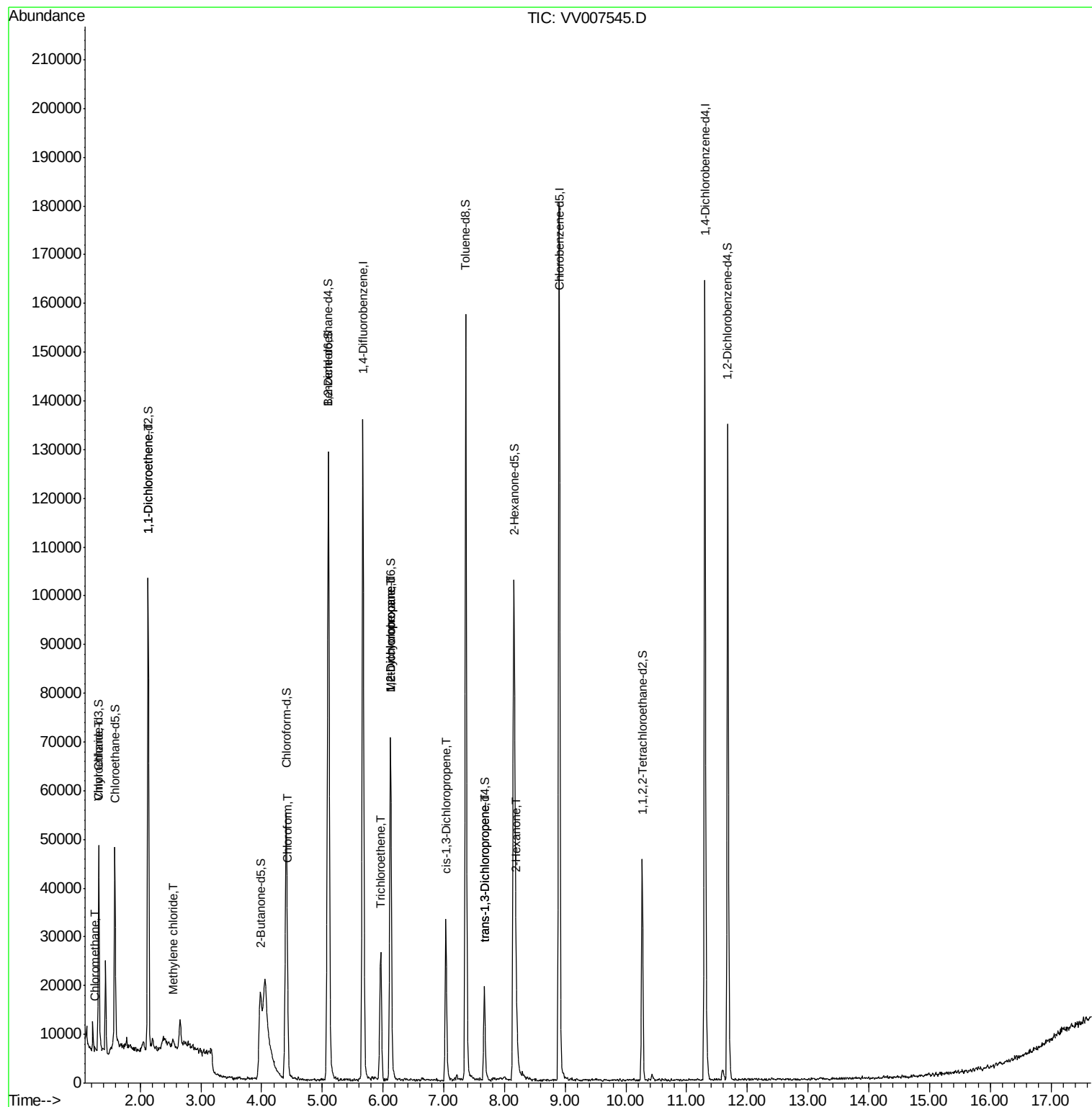
					Qvalue
3) Chloromethane	1.25	50	665	0.115 ug/L	82
8) Chloroethane	1.32	64	406	0.103 ug/L #	1
12) 1,1-Dichloroethene	2.14	96	1048	0.168 ug/L #	1
16) Methylene chloride	2.54	84	754	0.112 ug/L	81
25) Chloroform	4.43	83	1101	0.097 ug/L	99
34) Trichloroethene	5.96	95	7580	1.150 ug/L	92
35) Methylcyclohexane	6.12	83	8087	0.794 ug/L #	23
37) 1,2-Dichloropropane	6.12	63	4006	0.756 ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	916	0.109 ug/L #	71
44) trans-1,3-Dichloropropene	7.67	75	569	0.082 ug/L	99
48) 2-Hexanone	8.20	43	5387	2.426 ug/L #	36

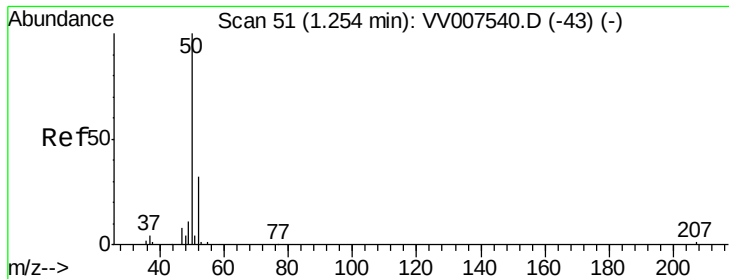
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 15 02:08:52 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.115 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV007545.D

Acq: 15 Sep 2018 01:15

Instrument :

MSVOA_V

ClientSampled :

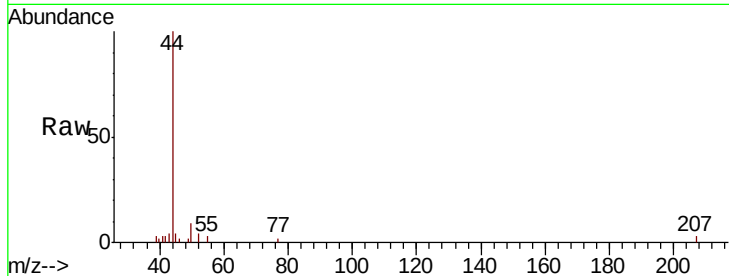
C0KW7

Tgt Ion: 50 Resp: 665

Ion Ratio Lower Upper

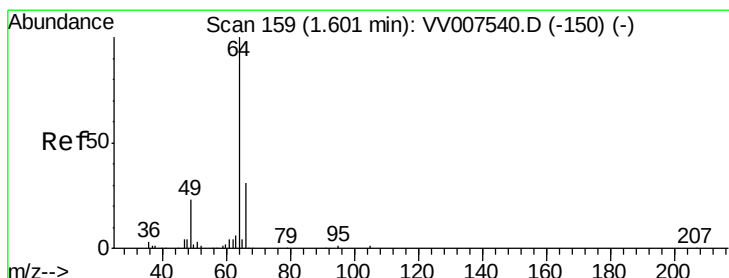
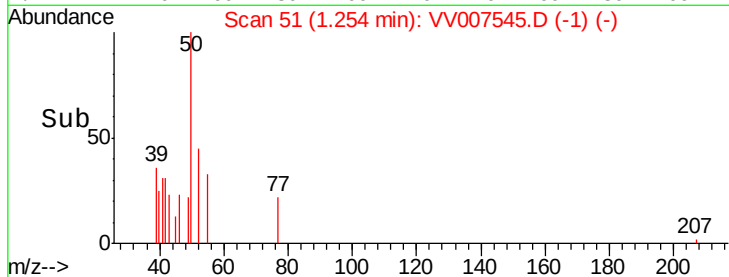
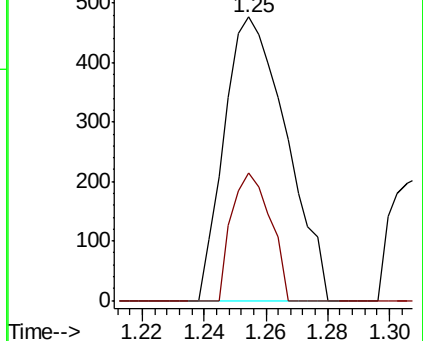
50 100

52 44.9 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: 0.103 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007545.D

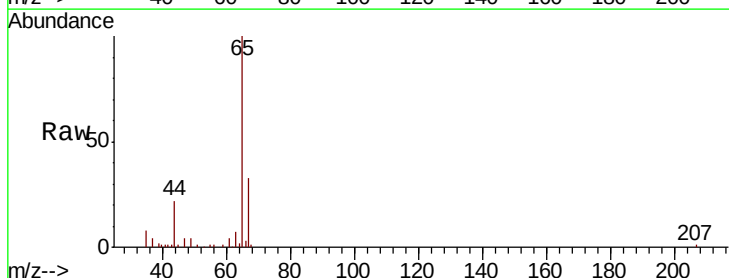
Acq: 15 Sep 2018 01:15

Tgt Ion: 64 Resp: 406

Ion Ratio Lower Upper

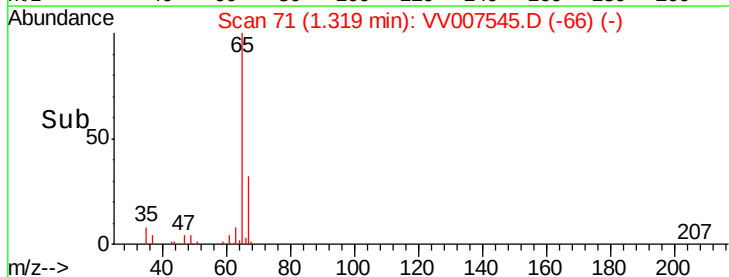
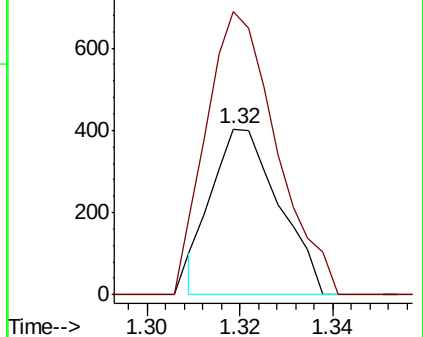
64 100

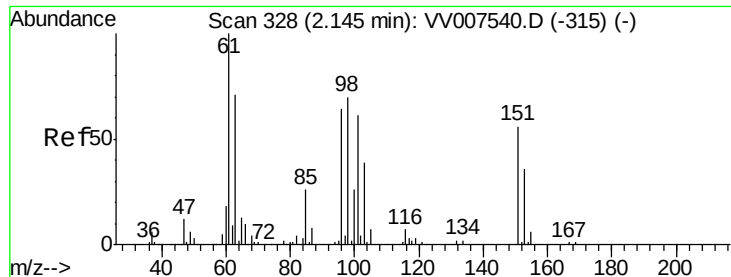
66 170.7 24.3 45.1#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

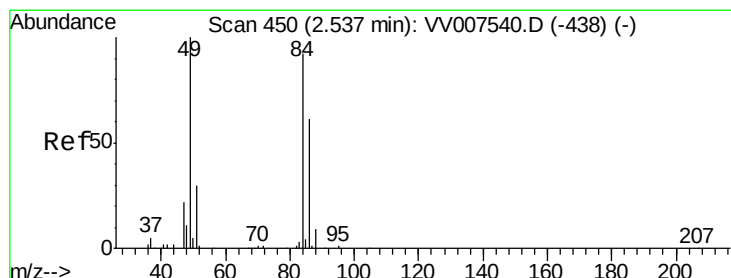
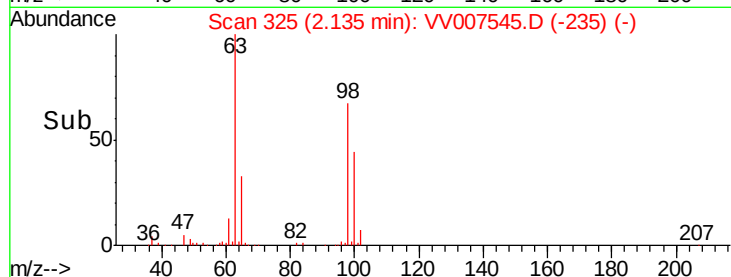
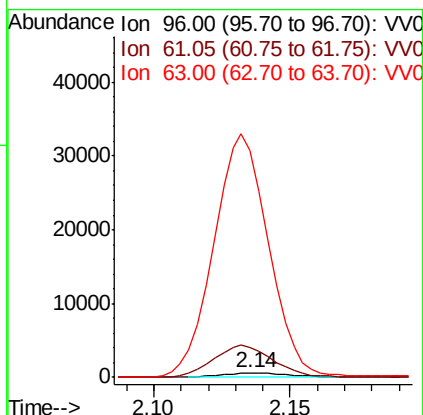
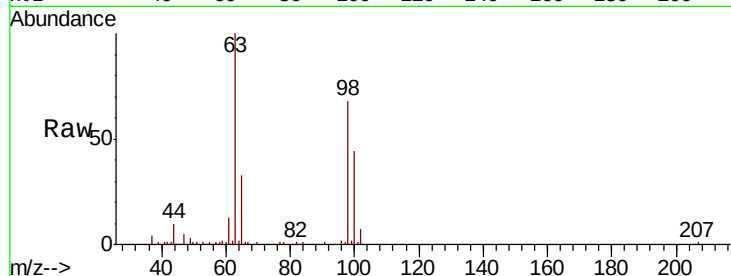




#12
 1,1-Dichloroethene
 Concen: 0.168 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VV007545.D
 Acq: 15 Sep 2018 01:15

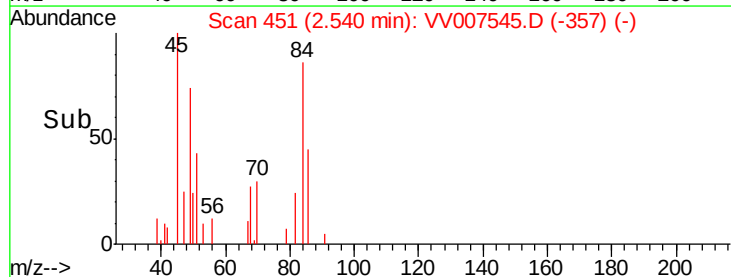
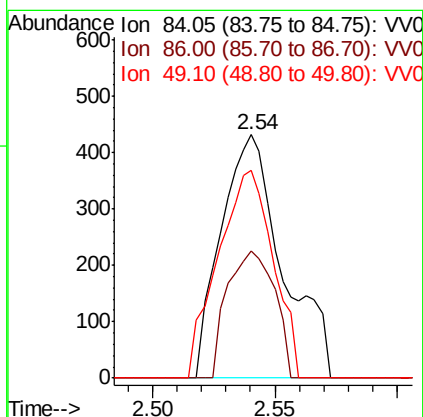
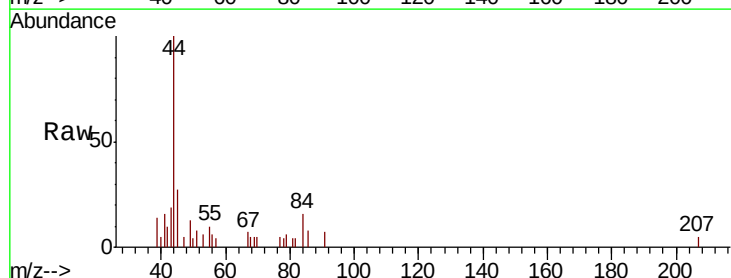
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KW7

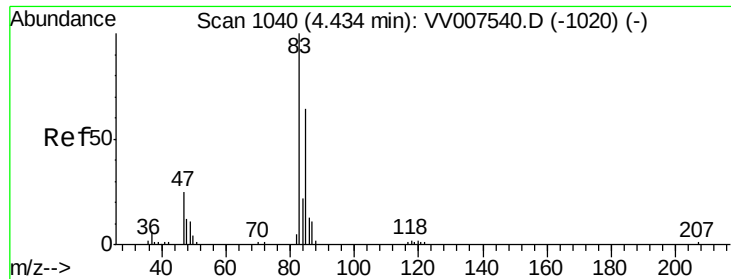
Tgt Ion: 96 Resp: 1048
 Ion Ratio Lower Upper
 96 100
 61 713.1 114.8 213.2#
 63 5320.4 81.8 151.8#



#16
 Methylene chloride
 Concen: 0.112 ug/L
 RT: 2.54 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: VV007545.D
 Acq: 15 Sep 2018 01:15

Tgt Ion: 84 Resp: 754
 Ion Ratio Lower Upper
 84 100
 86 52.3 43.7 81.1
 49 85.4 76.8 142.6

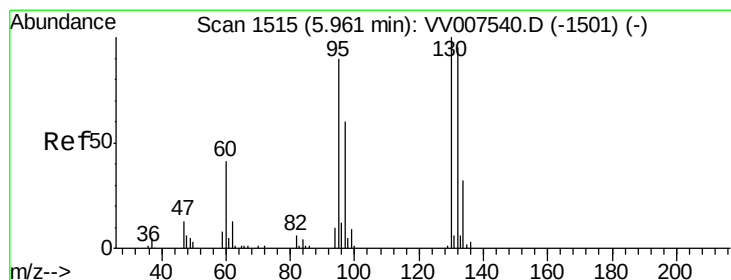
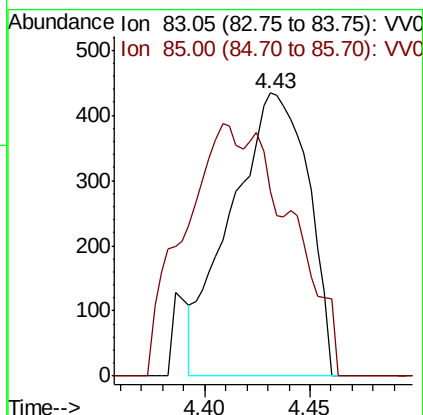
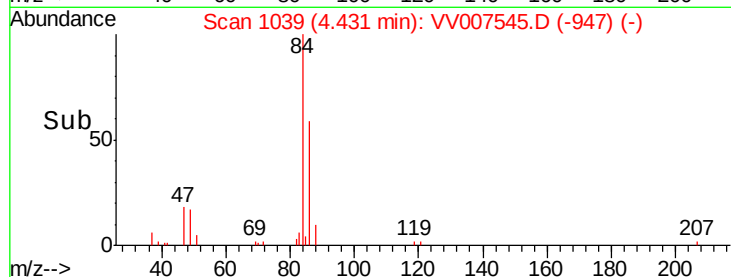
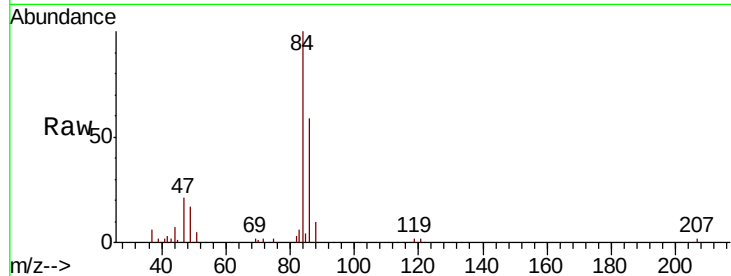




#25
Chloroform
Concen: 0.097 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV007545.D
Acq: 15 Sep 2018 01:15

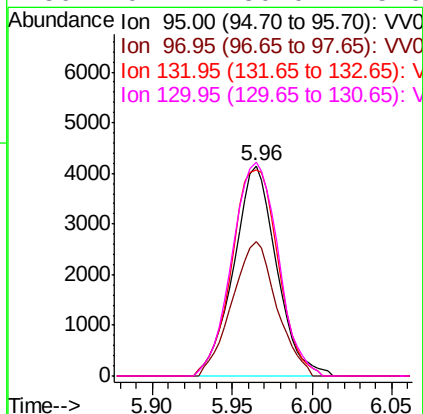
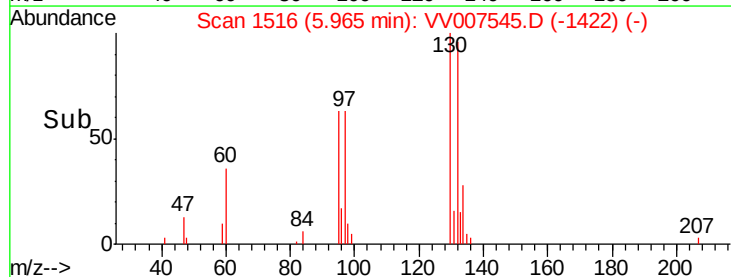
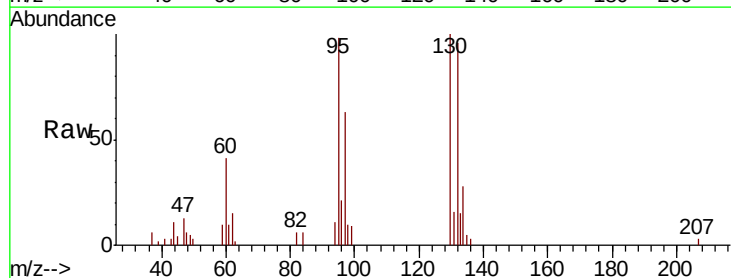
Instrument :
MSVOA_V
ClientSampleId :
C0KW7

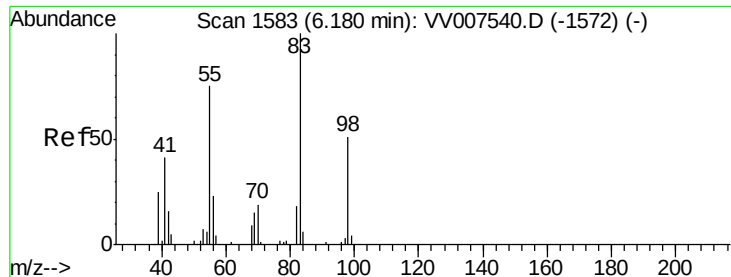
Tgt Ion: 83 Resp: 1101
Ion Ratio Lower Upper
83 100
85 65.4 45.5 84.5



#34
Trichloroethene
Concen: 1.150 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV007545.D
Acq: 15 Sep 2018 01:15

Tgt Ion: 95 Resp: 7580
Ion Ratio Lower Upper
95 100
97 63.9 45.5 84.5
132 98.0 74.9 139.1
130 101.7 80.0 148.6

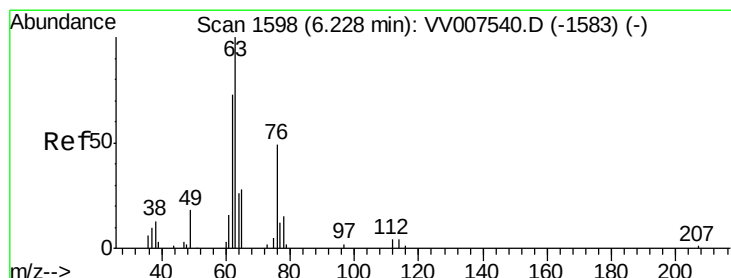
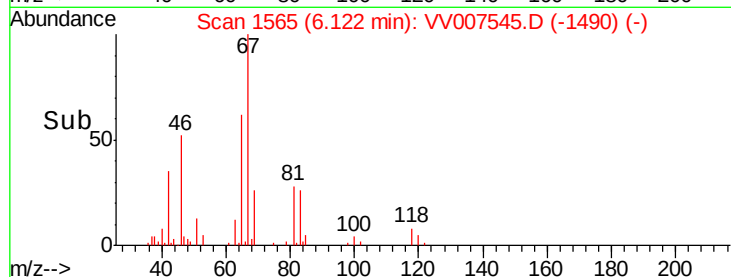
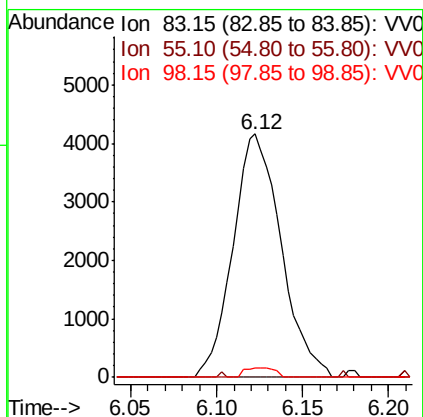
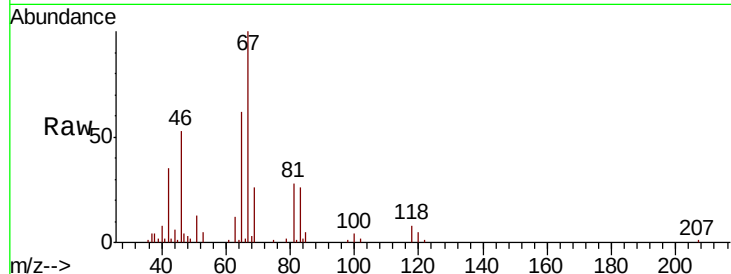




#35
Methylcyclohexane
Concen: 0.794 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007545.D
Acq: 15 Sep 2018 01:15

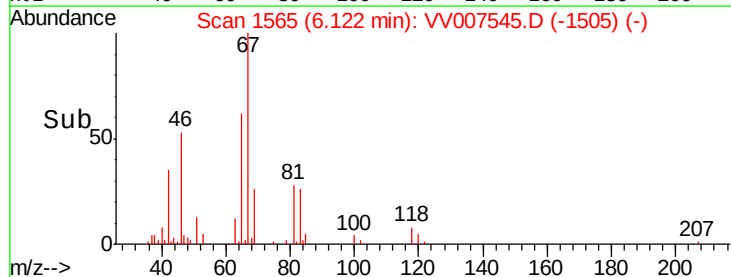
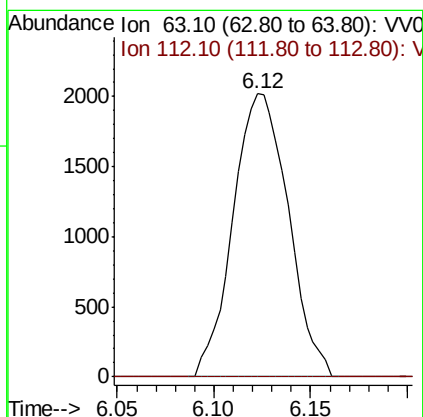
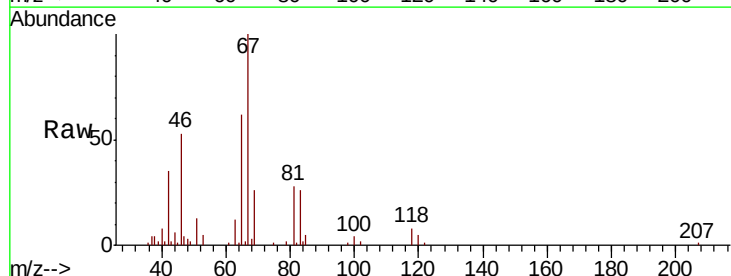
Instrument :
MSVOA_V
ClientSampled :
C0KW7

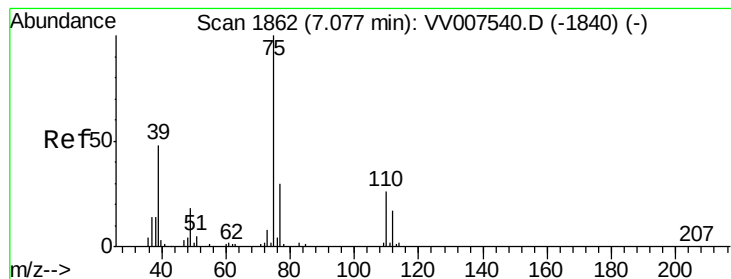
Tgt Ion: 83 Resp: 8087
Ion Ratio Lower Upper
83 100
55 0.2 55.0 82.4#
98 2.4 37.6 56.4#



#37
1,2-Dichloropropane
Concen: 0.756 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV007545.D
Acq: 15 Sep 2018 01:15

Tgt Ion: 63 Resp: 4006
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#





#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007545.D

Acq: 15 Sep 2018 01:15

Instrument :

MSVOA_V

ClientSampleId :

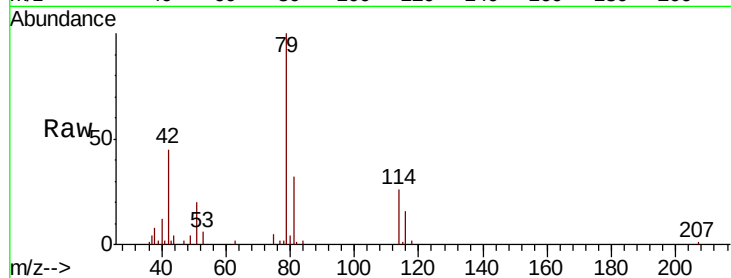
C0KW7

Tgt Ion: 75 Resp: 916

Ion Ratio Lower Upper

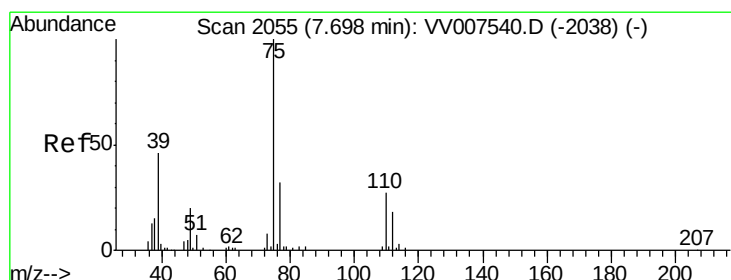
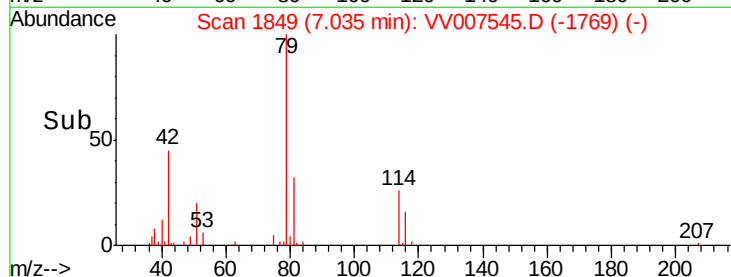
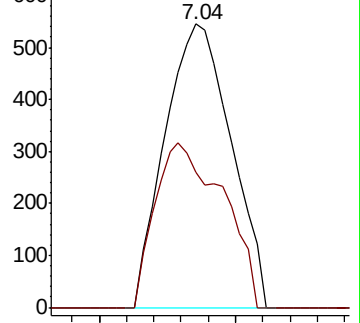
75 100

77 47.7 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007545.D

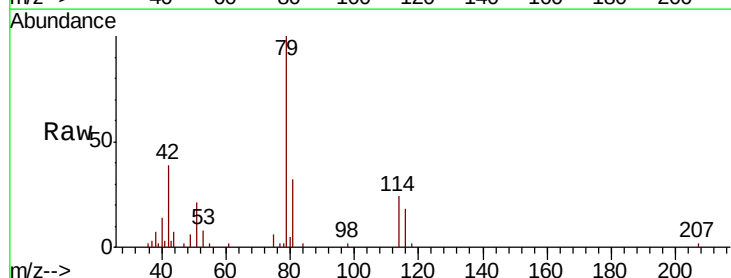
Acq: 15 Sep 2018 01:15

Tgt Ion: 75 Resp: 569

Ion Ratio Lower Upper

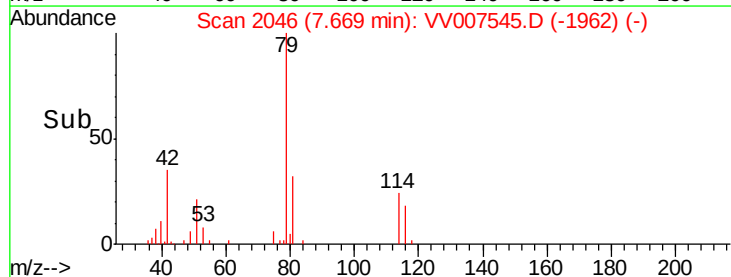
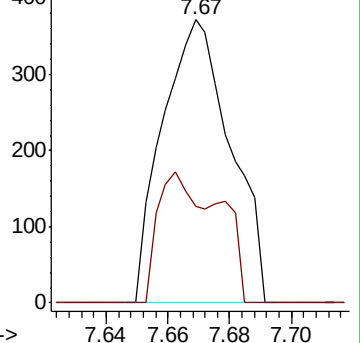
75 100

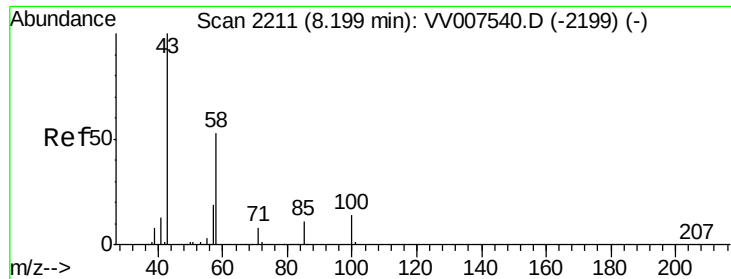
77 33.9 23.4 43.4



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 2.426 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV007545.D

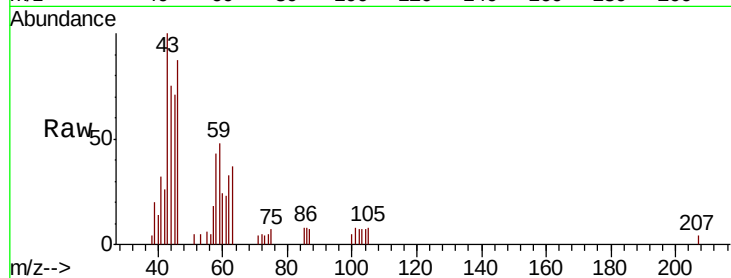
Acq: 15 Sep 2018 01:15

Instrument :

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ClientSampleId :

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Tgt Ion: 43 Resp: 5387

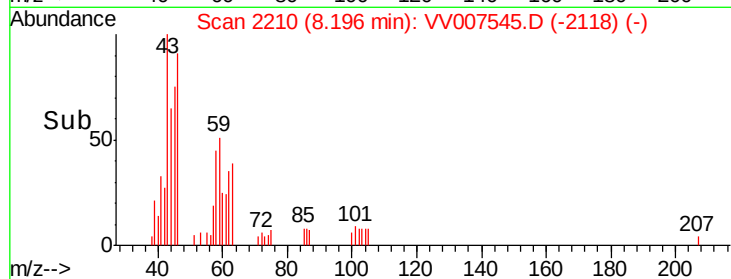
Ion Ratio Lower Upper

43 100

58 0.0 49.8 74.6#

57 1.7 18.2 27.4#

100 4.1 11.0 16.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

