

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
 Data File : VV006661.D
 Acq On : 20 Jul 2018 12:22
 Operator : SY/MD
 Sample : J3983-03
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB170

Quant Time: Jul 26 02:09:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 26 02:08:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	252392	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231297	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101734	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83038	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.58	69	61126	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.13	63	113749	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.95	46	113499	29.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	59.00%
24) Chloroform-d	4.41	84	137065	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.09	65	64730	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	294257	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.12	67	91107	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	258144	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.67	79	25476	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.14	63	126153	38.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	60425	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	89878	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

					Qvalue
3) Chloromethane	1.23	50	7071	0.348 ug/L #	42
5) Vinyl chloride	1.32	62	166329	6.345 ug/L #	45
6) Bromomethane	1.53	94	1846	0.248 ug/L	99
8) Chloroethane	1.53	64	31869	2.116 ug/L #	53
12) 1,1-Dichloroethene	2.14	96	4550	0.244 ug/L #	1
13) Acetone	2.19	43	6154	2.086 ug/L	98
14) Carbon disulfide	2.32	76	12398	0.205 ug/L #	94
18) trans-1,2-Dichloroethene	2.79	96	224573	10.904 ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	525249	24.359 ug/L	99
34) Trichloroethene	5.96	95	174367	8.470 ug/L	98
35) Methylcyclohexane	6.12	83	21612	0.629 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9241	0.445 ug/L #	87
48) 2-Hexanone	8.14	43	13955	1.779 ug/L #	64
62) 1,3-Dichlorobenzene	11.32	146	11686	0.315 ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	11686	0.310 ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
Data File : VV006661.D
Acq On : 20 Jul 2018 12:22
Operator : SY/MD
Sample : J3983-03
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB170

Quant Time: Jul 26 02:09:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 26 02:08:26 2018
Response via : Initial Calibration

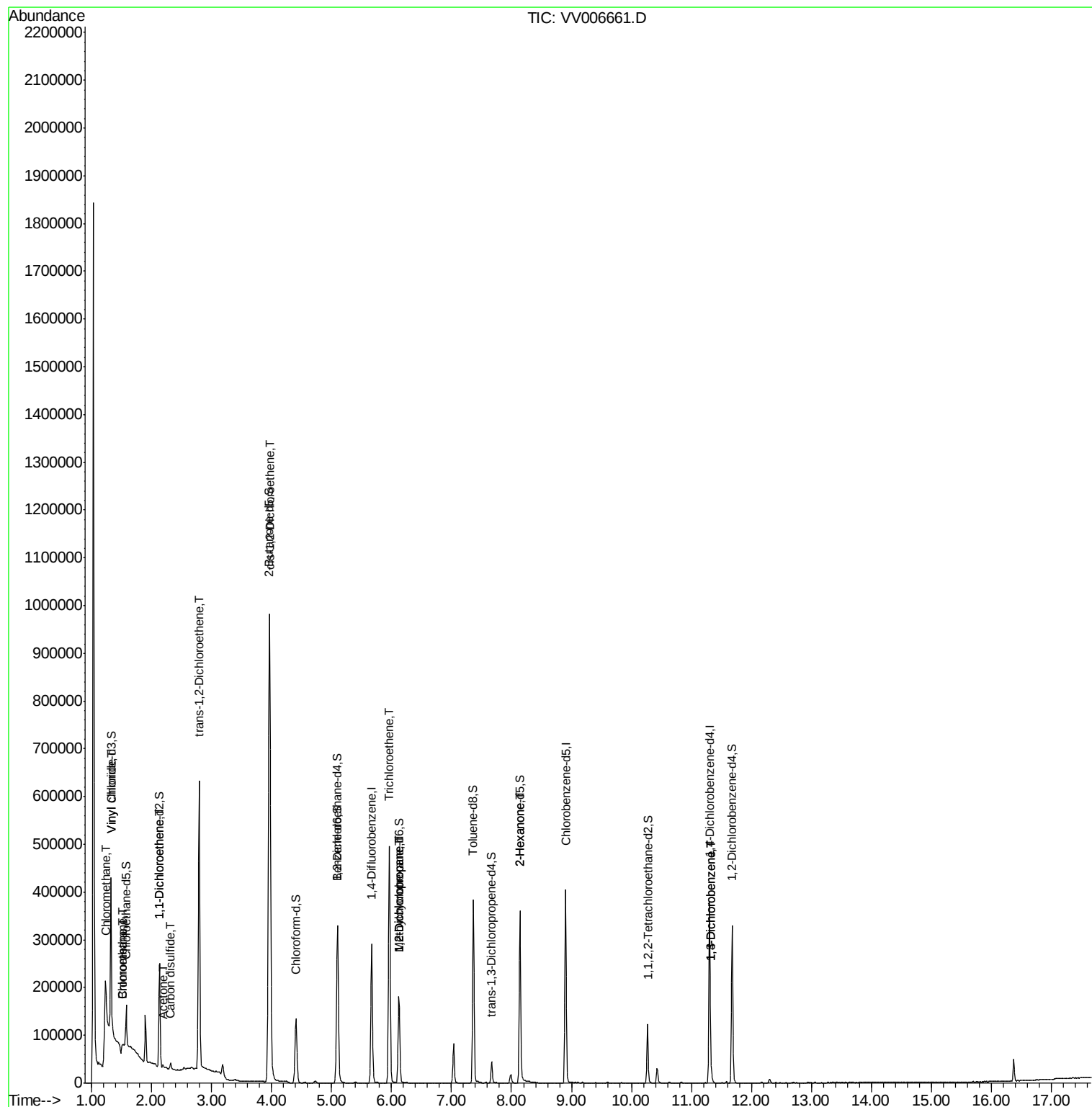
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

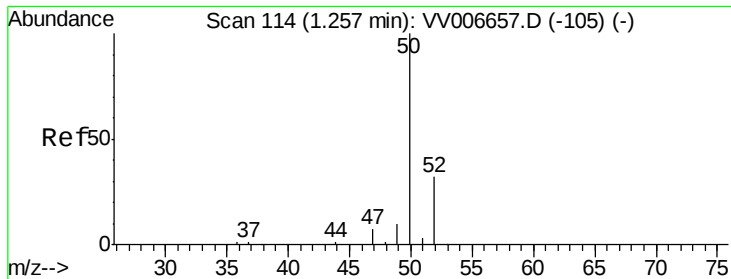
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
Data File : VV006661.D
Acq On : 20 Jul 2018 12:22
Operator : SY/MD
Sample : J3983-03
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB170

Quant Time: Jul 26 02:09:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 26 02:08:26 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.348 ug/L

RT: 1.23 min Scan# 107

Delta R.T. -0.02 min

Lab File: VV006661.D

Acq: 20 Jul 2018 12:22

Instrument :

MSVOA_V

ClientSampleId :

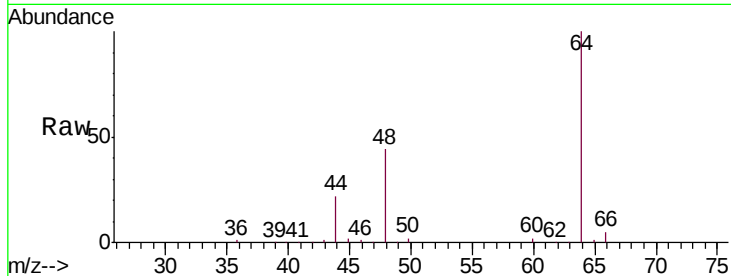
DB170

Tgt Ion: 50 Resp: 7071

Ion Ratio Lower Upper

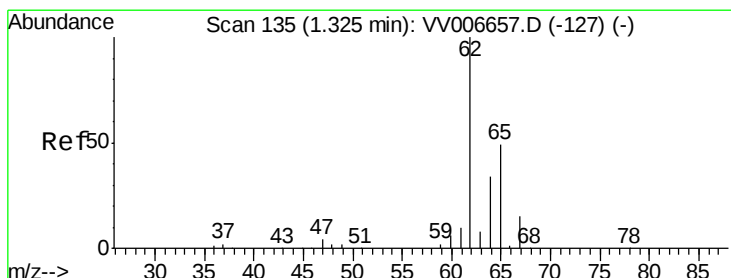
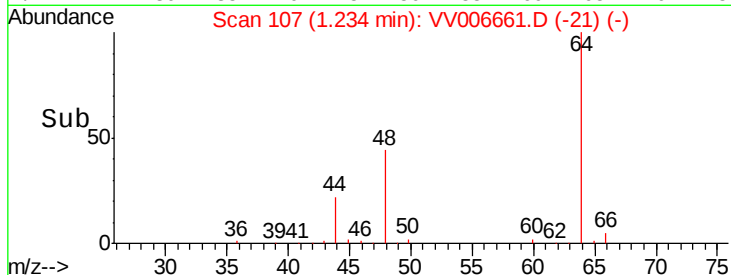
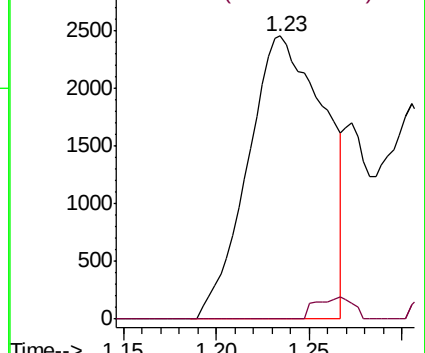
50 100

52 0.0 23.2 43.0#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 6.345 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006661.D

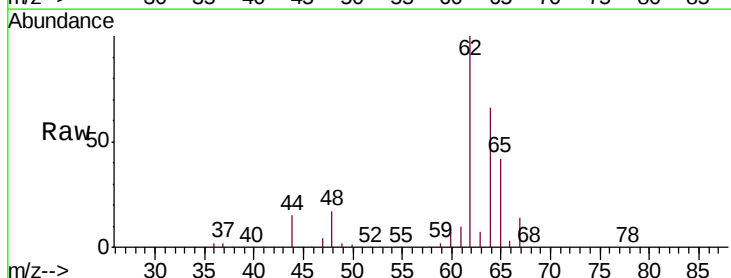
Acq: 20 Jul 2018 12:22

Tgt Ion: 62 Resp: 166329

Ion Ratio Lower Upper

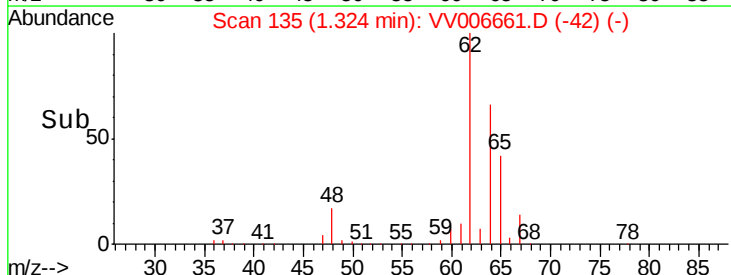
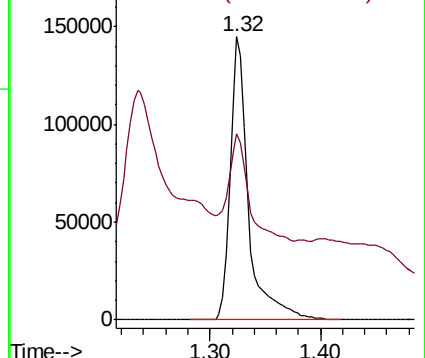
62 100

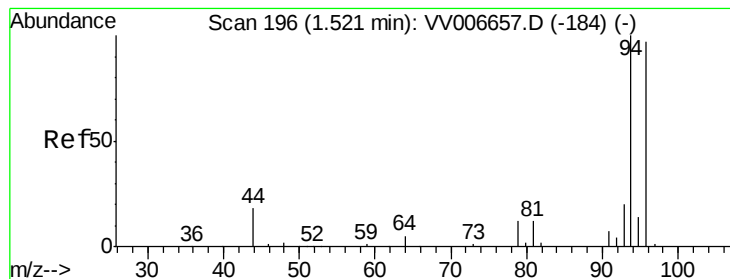
64 65.6 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#6

Bromomethane

Concen: 0.248 ug/L

RT: 1.53 min Scan# 199

Delta R.T. 0.01 min

Lab File: VV006661.D

Acq: 20 Jul 2018 12:22

Instrument :

MSVOA_V

ClientSampleId :

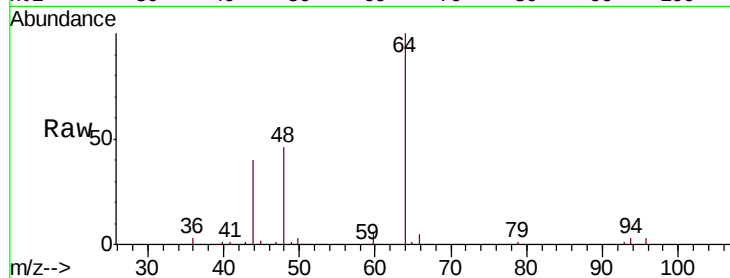
DB170

Tgt Ion: 94 Resp: 1846

Ion Ratio Lower Upper

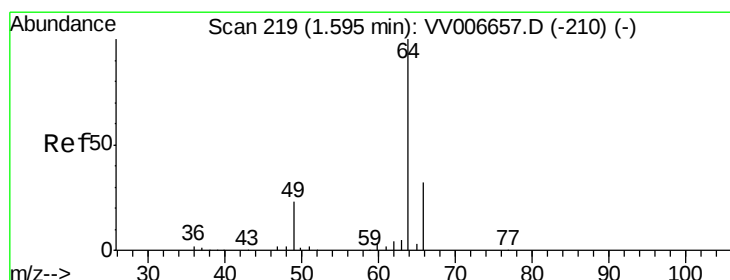
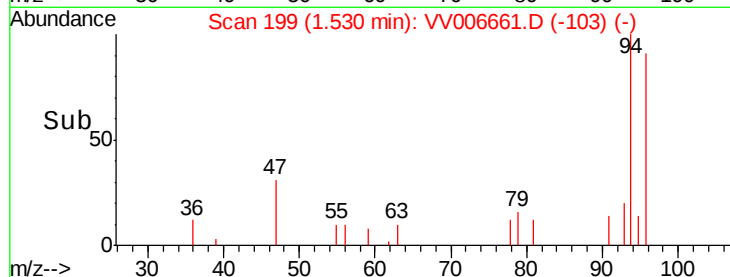
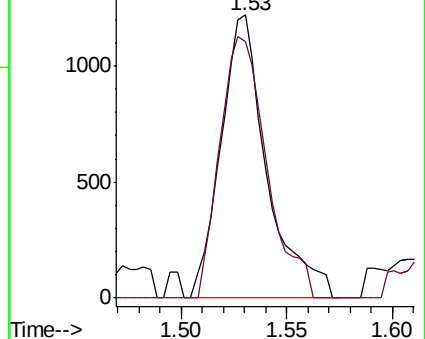
94 100

96 90.7 64.5 119.7



Abundance Ion 94.00 (93.70 to 94.70): VV006661.D (-103) (-)

Ion 96.00 (95.70 to 96.70): VV006661.D (-103) (-)



#8

Chloroethane

Concen: 2.116 ug/L

RT: 1.53 min Scan# 198

Delta R.T. -0.07 min

Lab File: VV006661.D

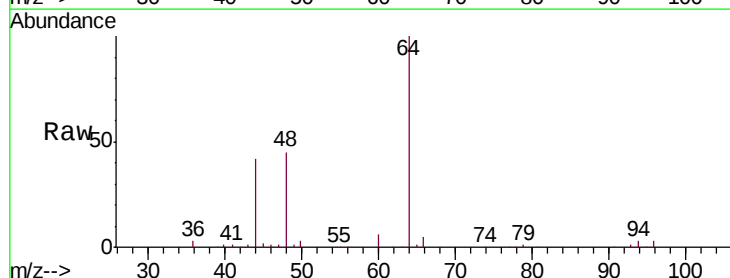
Acq: 20 Jul 2018 12:22

Tgt Ion: 64 Resp: 31869

Ion Ratio Lower Upper

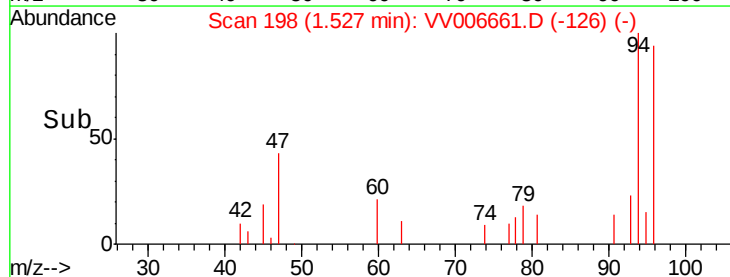
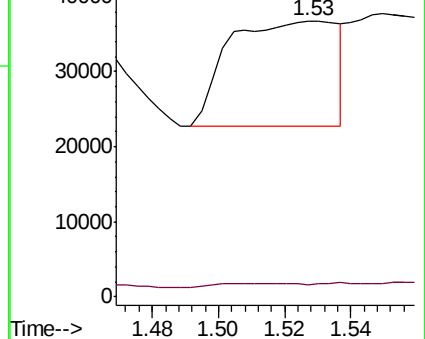
64 100

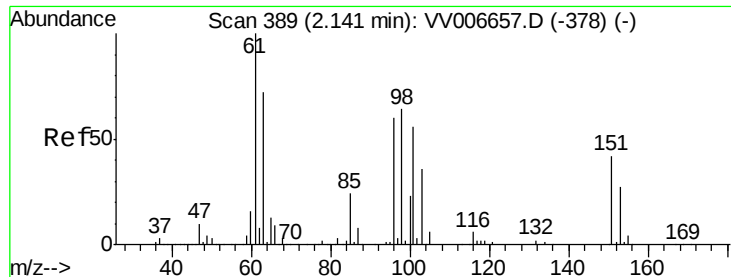
66 4.6 21.1 39.3#



Abundance Ion 64.10 (63.80 to 64.80): VV006661.D (-126) (-)

Ion 66.05 (65.75 to 66.75): VV006661.D (-126) (-)





#12

1,1-Dichloroethene

Concen: 0.244 ug/L

RT: 2.14 min Scan# 389

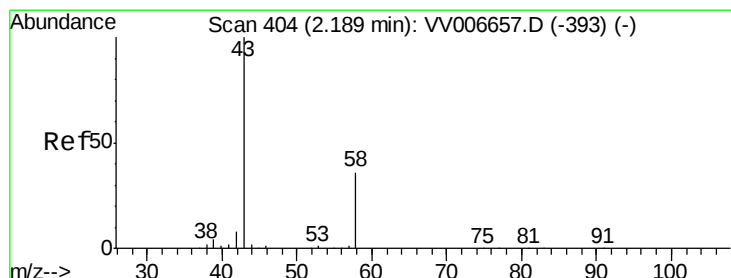
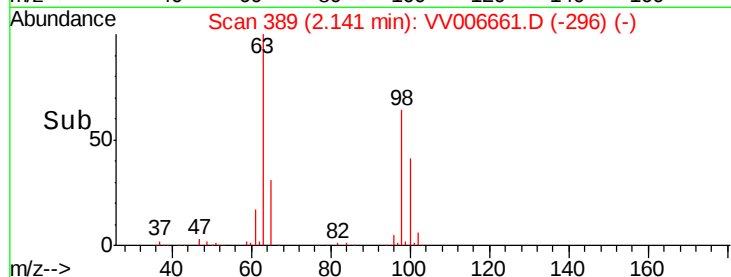
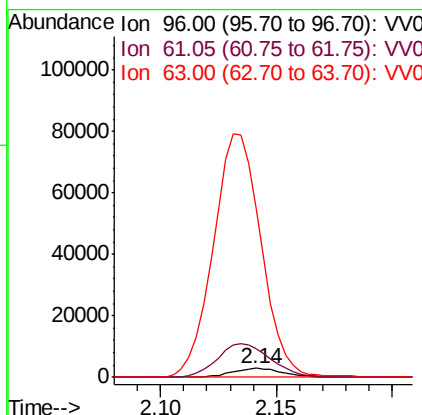
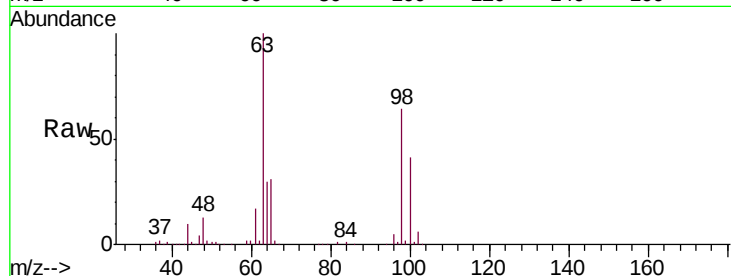
Delta R.T. -0.00 min

Lab File: VV006661.D

Acq: 20 Jul 2018 12:22

Instrument :
MSVOA_V
ClientSampleId :
DB170

Tgt Ion: 96 Resp: 4550
Ion Ratio Lower Upper
96 100
61 328.8 115.1 213.8#
63 1909.2 77.2 143.4#



#13

Acetone

Concen: 2.086 ug/L

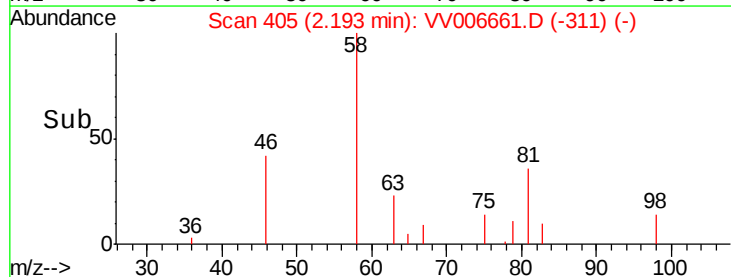
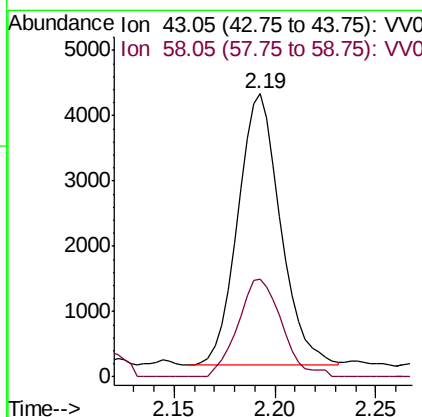
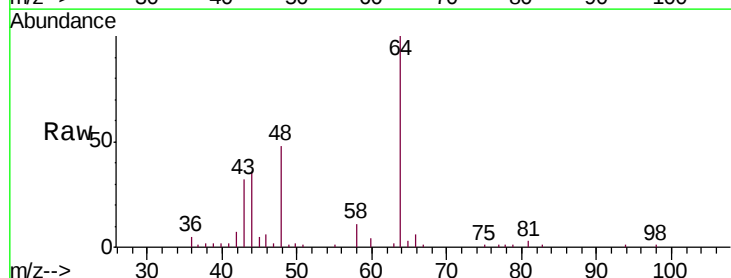
RT: 2.19 min Scan# 405

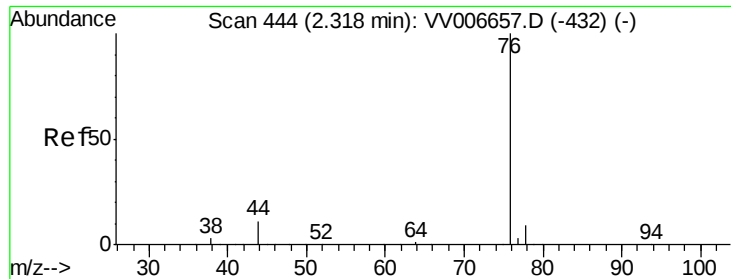
Delta R.T. 0.00 min

Lab File: VV006661.D

Acq: 20 Jul 2018 12:22

Tgt Ion: 43 Resp: 6154
Ion Ratio Lower Upper
43 100
58 37.4 0.0 72.8





#14

Carbon disulfide

Concen: 0.205 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006661.D

Acq: 20 Jul 2018 12:22

Instrument :

MSVOA_V

ClientSampleId :

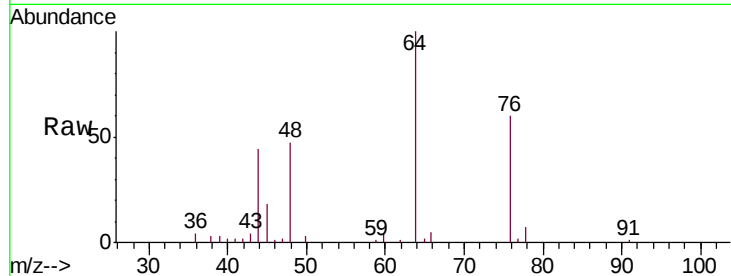
DB170

Tgt Ion: 76 Resp: 12398

Ion Ratio Lower Upper

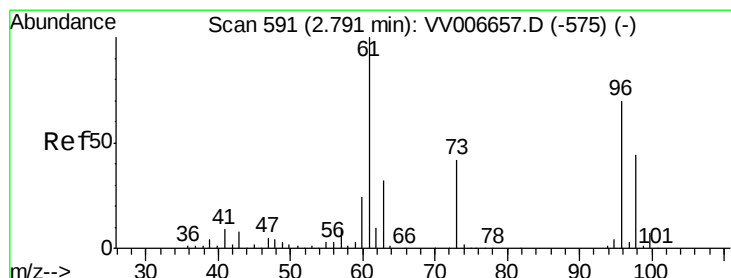
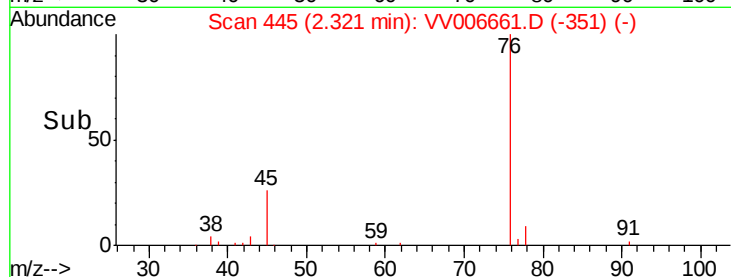
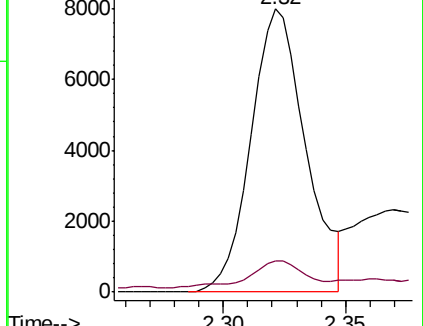
76 100

78 11.2 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VV006661.D (-351) (-)

Ion 78.00 (77.70 to 78.70): VV006661.D (-351) (-)



#18

trans-1,2-Dichloroethene

Concen: 10.904 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006661.D

Acq: 20 Jul 2018 12:22

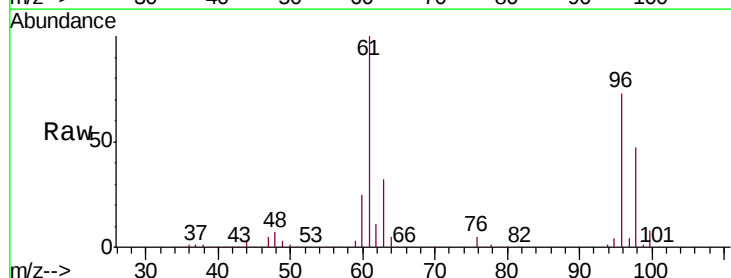
Tgt Ion: 96 Resp: 224573

Ion Ratio Lower Upper

96 100

61 137.3 96.0 178.4

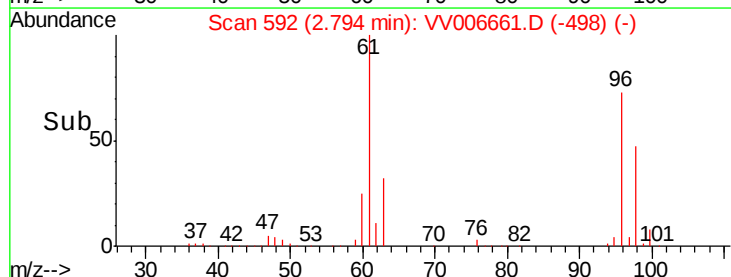
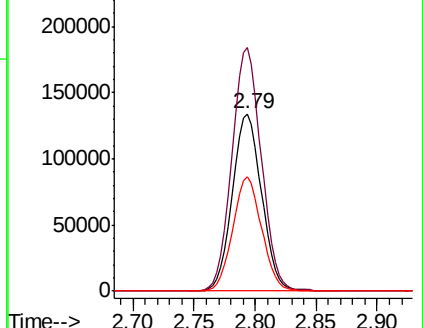
98 64.4 43.5 80.9

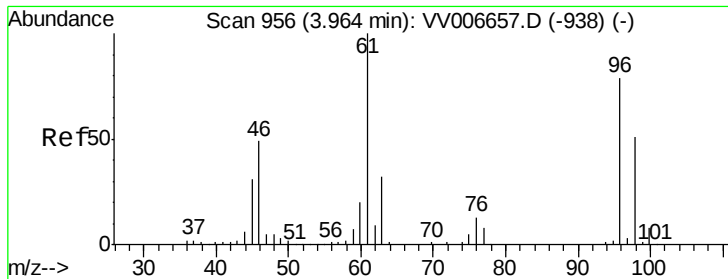


Abundance Ion 96.00 (95.70 to 96.70): VV006661.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006661.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006661.D (-498) (-)



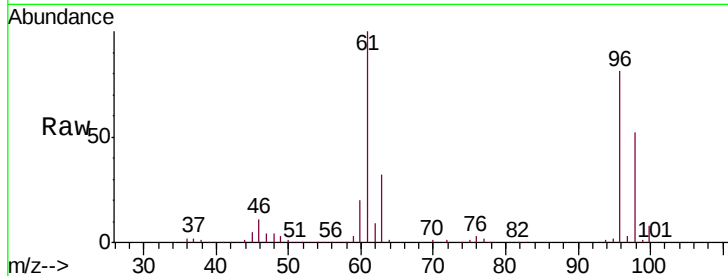


#22

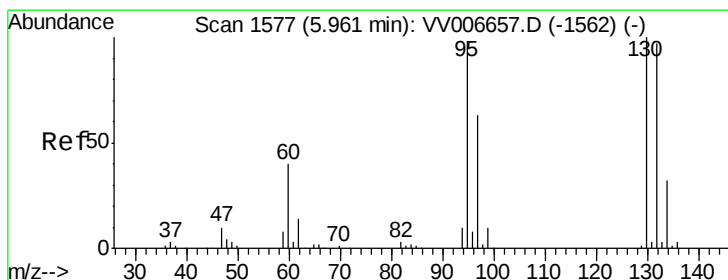
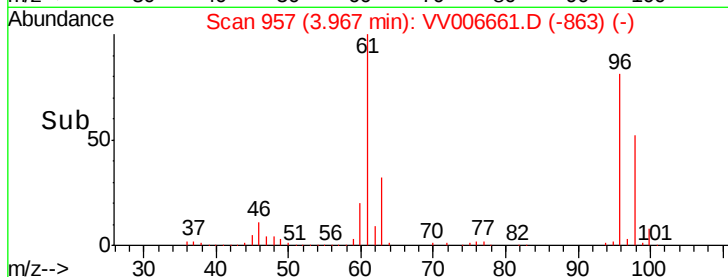
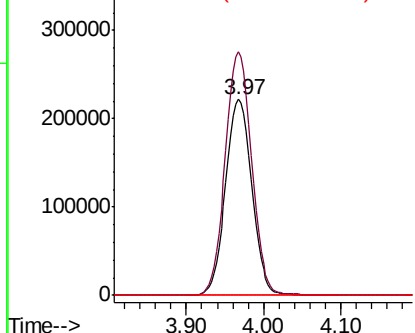
cis-1,2-Dichloroethene
Concen: 24.359 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006661.D
Acq: 20 Jul 2018 12:22

Instrument :
MSVOA_V
ClientSampleId :
DB170

Tgt Ion: 96 Resp: 525249
Ion Ratio Lower Upper
96 100
61 124.2 86.2 160.0
68 0.0 0.0 0.0



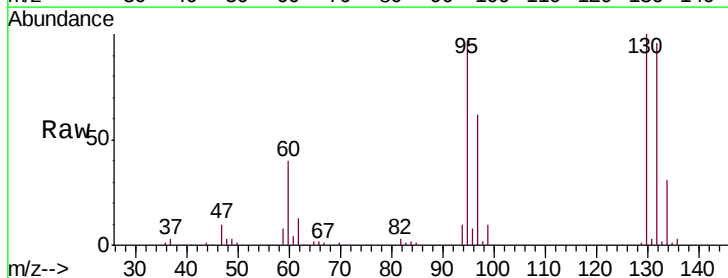
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



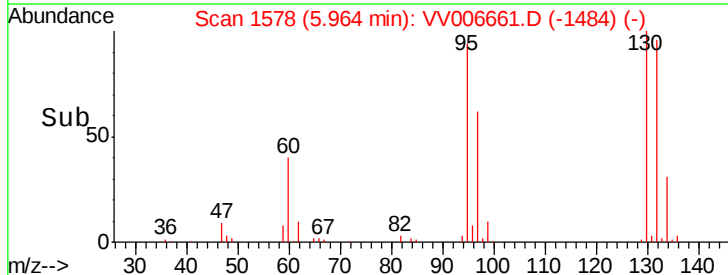
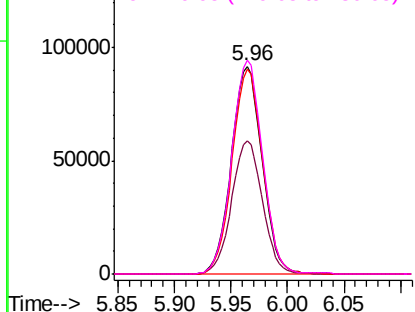
#34

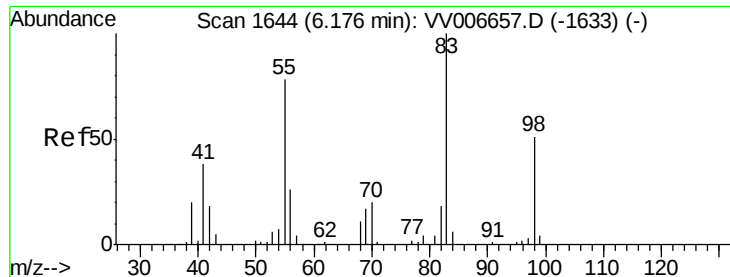
Trichloroethene
Concen: 8.470 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006661.D
Acq: 20 Jul 2018 12:22

Tgt Ion: 95 Resp: 174367
Ion Ratio Lower Upper
95 100
97 63.8 45.3 84.1
132 98.4 70.3 130.7
130 102.8 73.7 136.9



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): VV0
Ion 129.95 (129.65 to 130.65): VV0

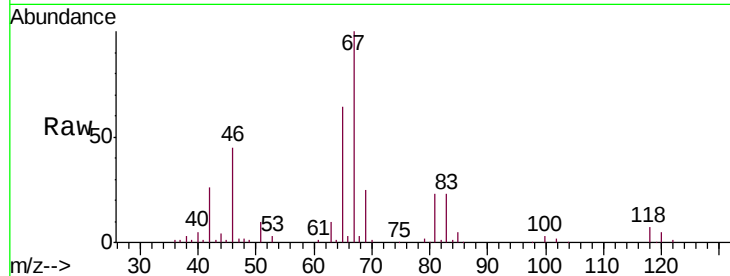




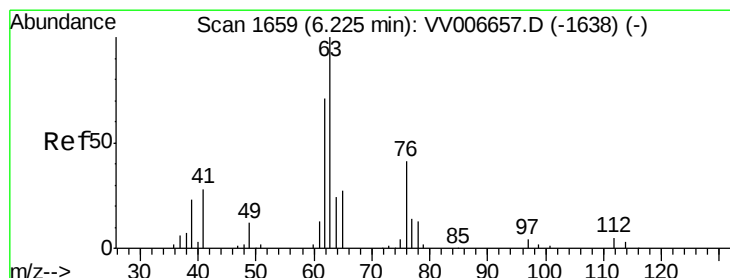
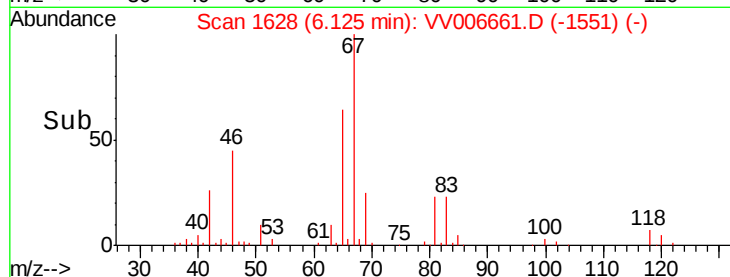
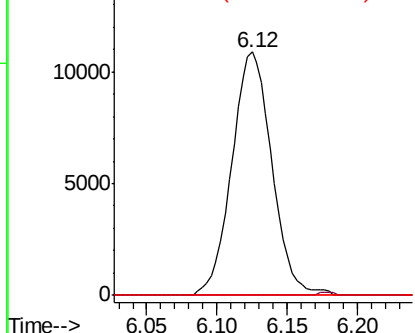
#35
Methylcyclohexane
Concen: 0.629 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006661.D
Acq: 20 Jul 2018 12:22

Instrument :
MSVOA_V
ClientSampleId :
DB170

Tgt Ion: 83 Resp: 21612
Ion Ratio Lower Upper
83 100
55 0.5 61.3 91.9#
98 0.0 39.4 59.0#

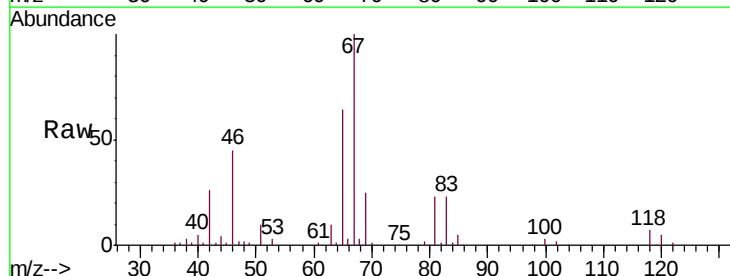


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

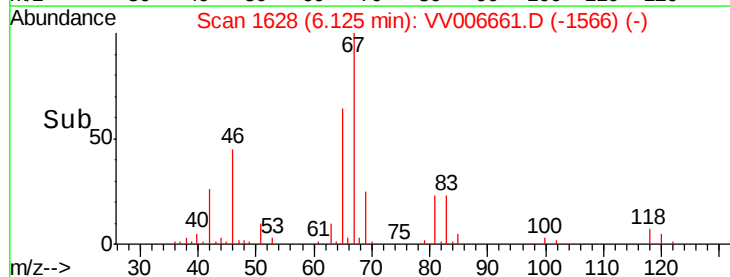
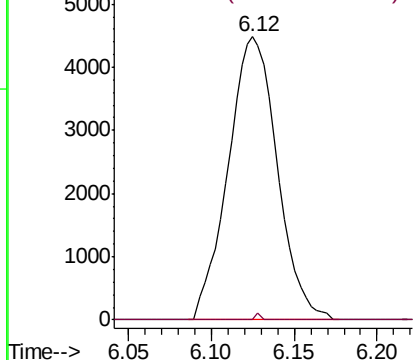


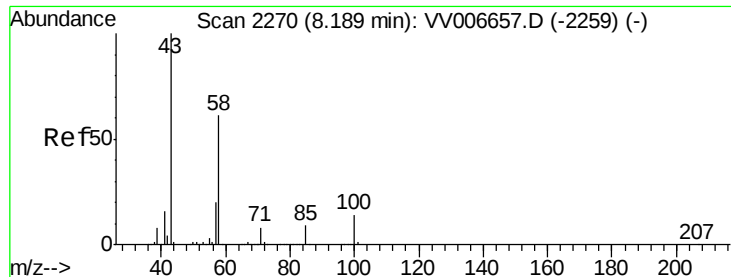
#37
1,2-Dichloropropane
Concen: 0.445 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006661.D
Acq: 20 Jul 2018 12:22

Tgt Ion: 63 Resp: 9241
Ion Ratio Lower Upper
63 100
112 0.2 3.6 5.4#



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

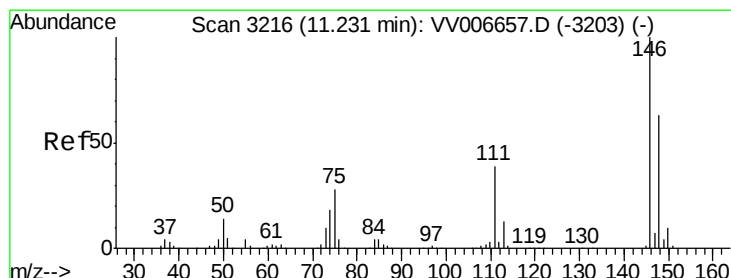
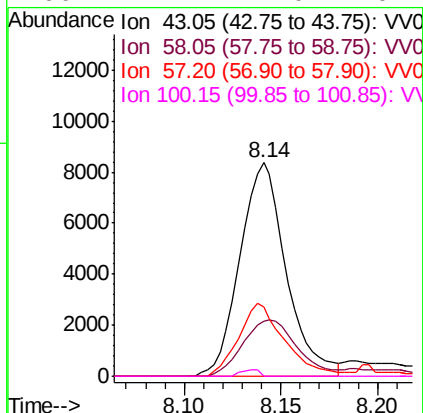
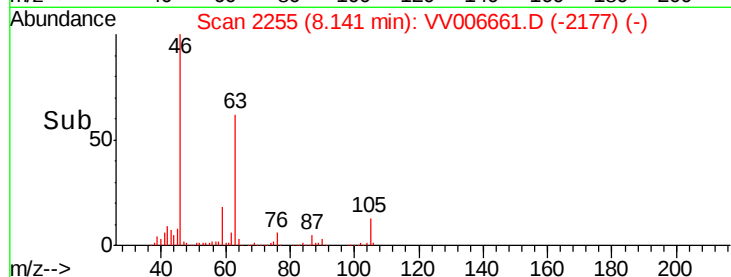
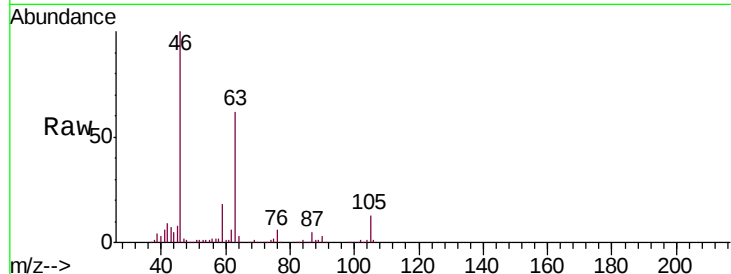




#48
 2-Hexanone
 Concen: 1.779 ug/L
 RT: 8.14 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: VV006661.D
 Acq: 20 Jul 2018 12:22

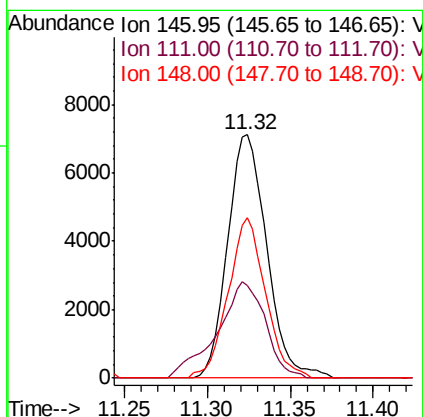
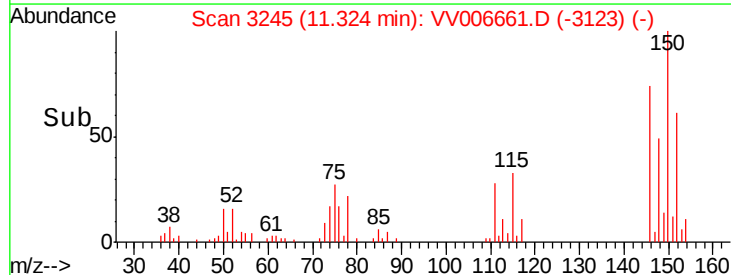
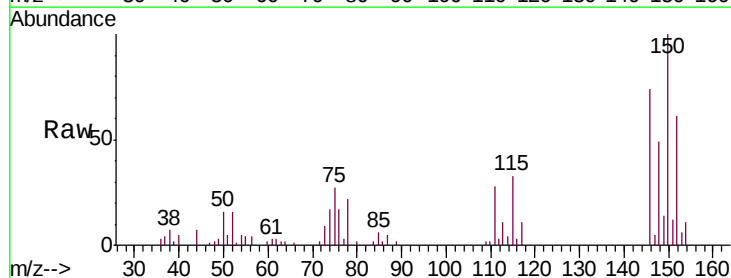
Instrument :
 MSVOA_V
 ClientSampleId :
 DB170

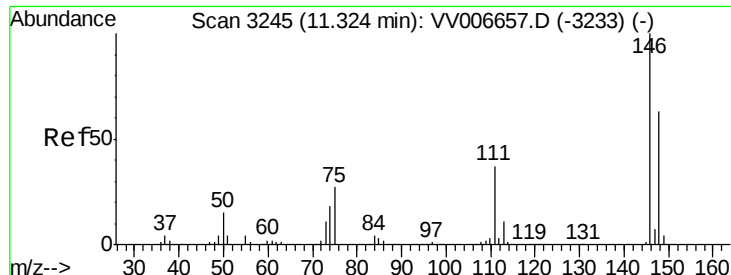
Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.7	48.2	72.2#
57	34.1	16.2	24.4#
100	1.2	11.0	16.4#



#62
 1,3-Dichlorobenzene
 Concen: 0.315 ug/L
 RT: 11.32 min Scan# 3245
 Delta R.T. 0.09 min
 Lab File: VV006661.D
 Acq: 20 Jul 2018 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	27.2	50.6
148	66.0	44.4	82.4





#63

1,4-Dichlorobenzene

Concen: 0.310 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VV006661.D

Acq: 20 Jul 2018 12:22

Instrument :

MSVOA_V

ClientSampleId :

DB170

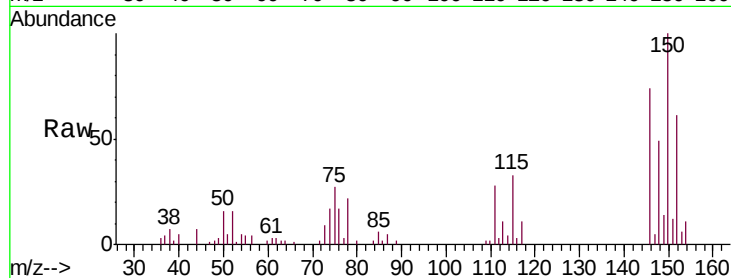
Tgt Ion:146 Resp: 11686

Ion Ratio Lower Upper

146 100

111 38.1 26.0 48.4

148 66.0 44.6 82.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

