

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
 Data File : VV006639.D
 Acq On : 18 Jul 2018 20:20
 Operator : SY/MD
 Sample : J3983-05MSD
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00165

Quant Time: Jul 19 02:41:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 19 02:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	257714	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	233093	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	105377	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99294	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.58	69	77823	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.13	63	171338	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	3.96	46	223900	64.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.80%
24) Chloroform-d	4.41	84	166876	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.09	65	82144	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.10	84	351255	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.12	67	112249	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.37	98	304679	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.67	79	35656	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.14	63	194990	41.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.66%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80392	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	110525	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	10763	0.370 ug/L #	58
5) Vinyl chloride	1.32	62	160799	5.192 ug/L #	6
8) Chloroethane	1.32	64	128083	7.364 ug/L #	50
12) 1,1-Dichloroethene	2.14	96	84863	4.111 ug/L	98
13) Acetone	2.20	43	3264	0.948 ug/L	84
18) trans-1,2-Dichloroethene	2.79	96	221318	9.754 ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	525988	22.096 ug/L	99
33) Benzene	5.15	78	366577	4.159 ug/L	100
34) Trichloroethene	5.96	95	266433	12.321 ug/L	99
35) Methylcyclohexane	6.12	83	26370	0.771 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	11751	0.529 ug/L #	86
42) Toluene	7.44	91	380539	4.236 ug/L	99
48) 2-Hexanone	8.14	43	20505	2.244 ug/L #	65
51) Chlorobenzene	8.93	112	246288	4.215 ug/L	100
62) 1,3-Dichlorobenzene	11.32	146	11921	0.295 ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	11921	0.289 ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
Data File : VV006639.D
Acq On : 18 Jul 2018 20:20
Operator : SY/MD
Sample : J3983-05MSD
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00165

Quant Time: Jul 19 02:41:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 19 02:39:44 2018
Response via : Initial Calibration

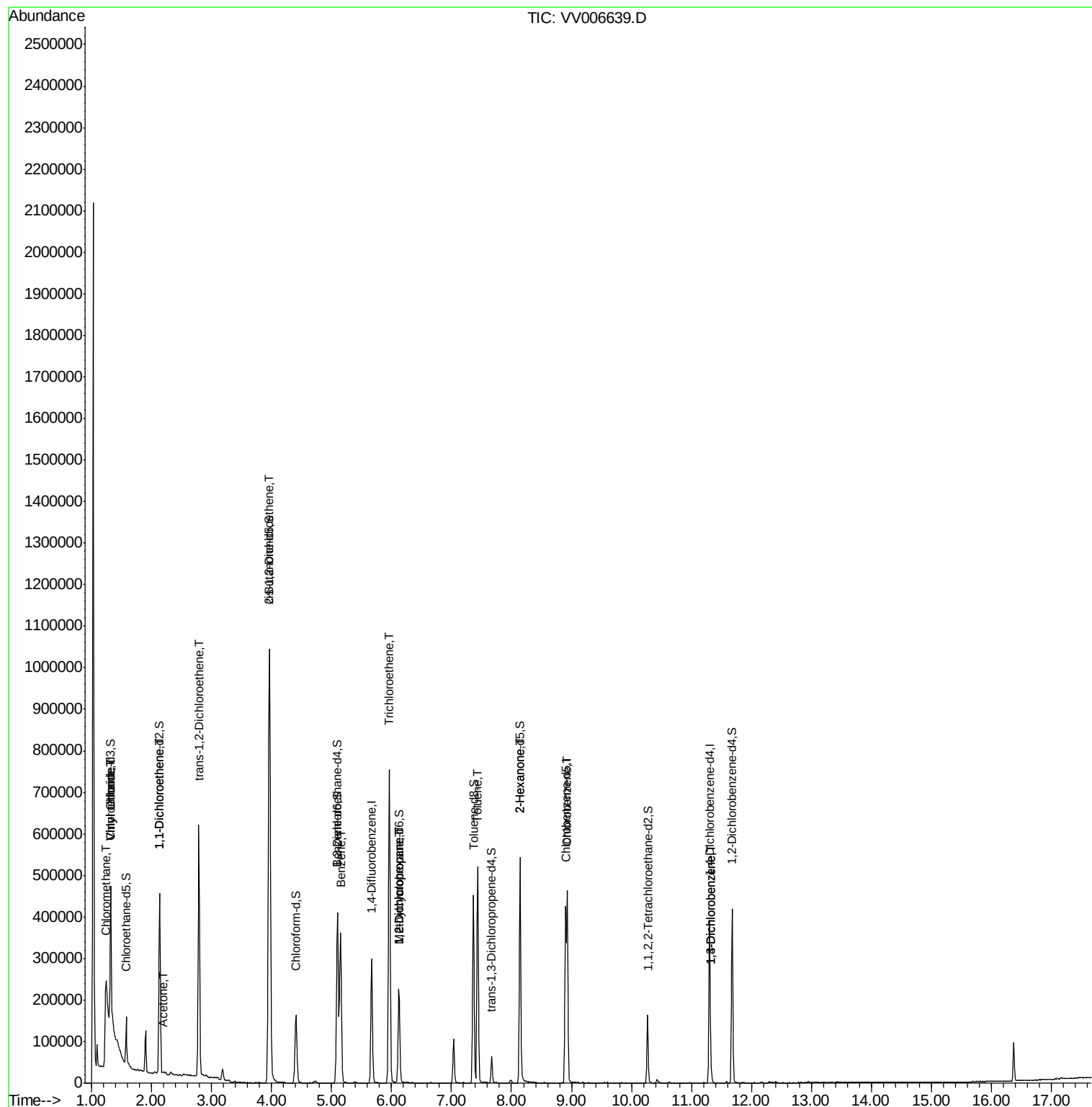
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

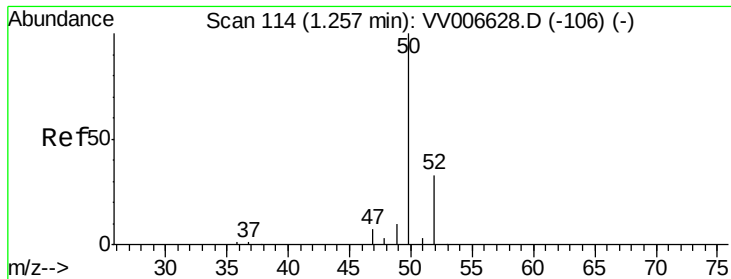
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
Data File : VV006639.D
Acq On : 18 Jul 2018 20:20
Operator : SY/MD
Sample : J3983-05MSD
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00165

Quant Time: Jul 19 02:41:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 19 02:39:44 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.370 ug/L

RT: 1.25 min Scan# 112

Delta R.T. -0.01 min

Lab File: VV006639.D

Acq: 18 Jul 2018 20:20

Instrument :

MSVOA_V

ClientSampleId :

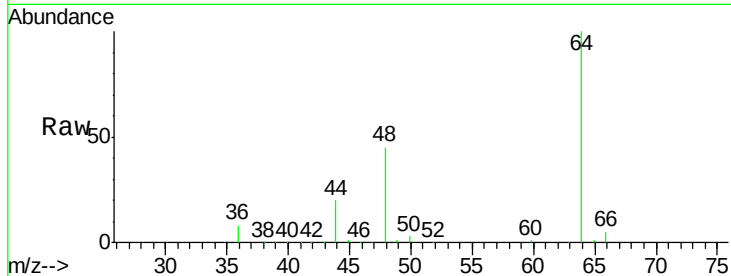
VSTD00165

Tgt Ion: 50 Resp: 10763

Ion Ratio Lower Upper

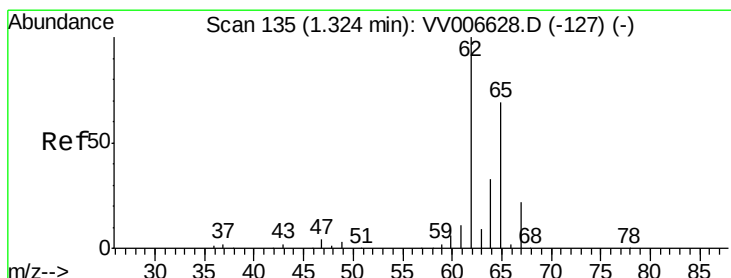
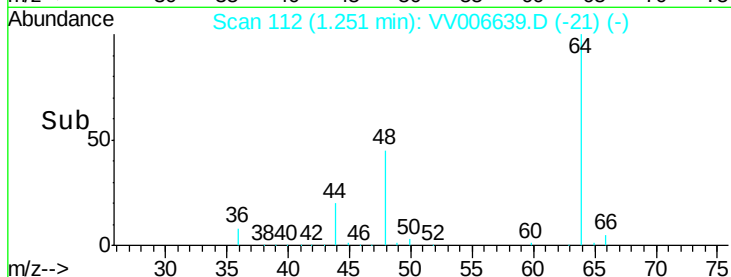
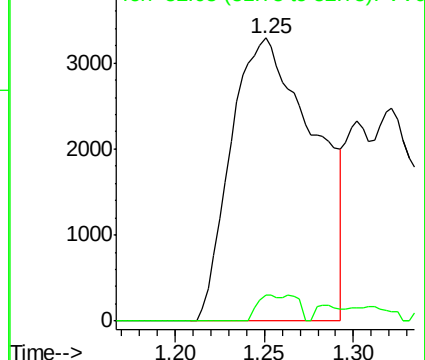
50 100

52 9.0 22.6 42.0#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 5.192 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006639.D

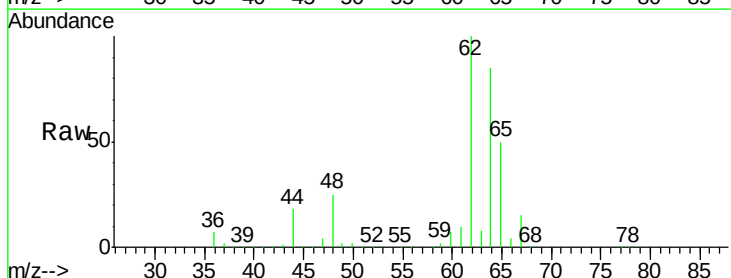
Acq: 18 Jul 2018 20:20

Tgt Ion: 62 Resp: 160799

Ion Ratio Lower Upper

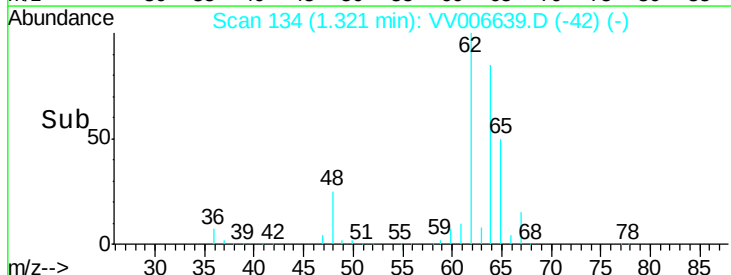
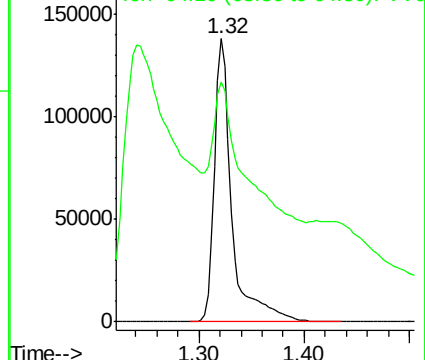
62 100

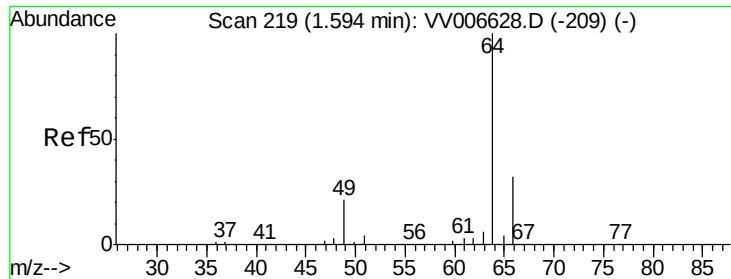
64 84.8 22.6 42.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

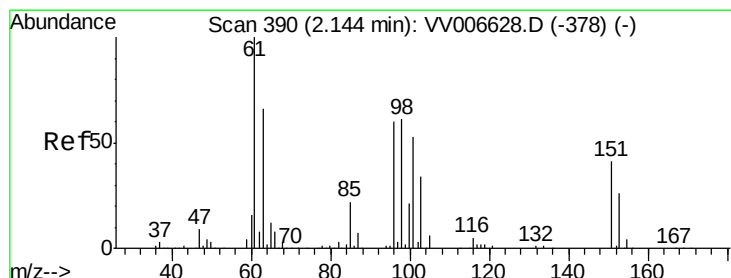
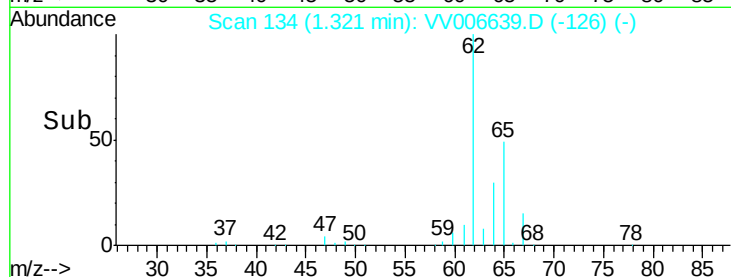
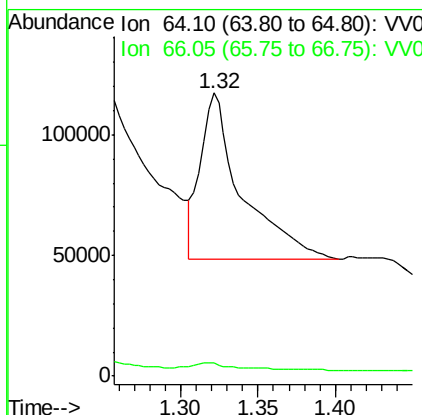
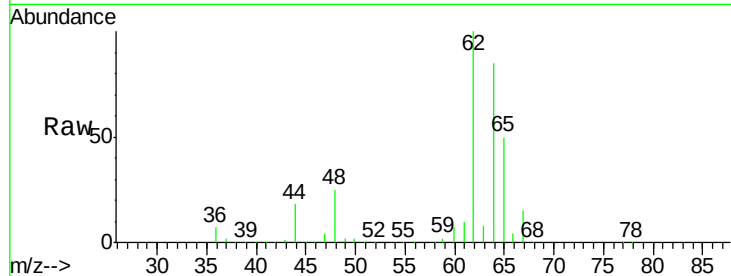




#8
 Chloroethane
 Concen: 7.364 ug/L
 RT: 1.32 min Scan# 134
 Delta R.T. -0.27 min
 Lab File: VV006639.D
 Acq: 18 Jul 2018 20:20

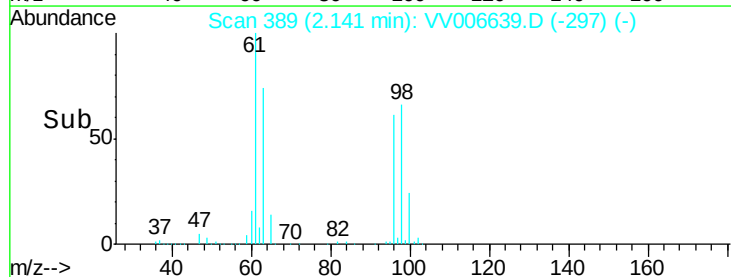
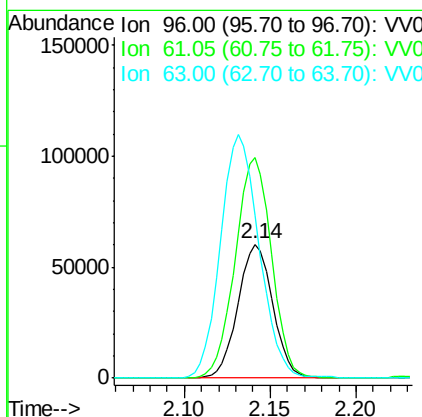
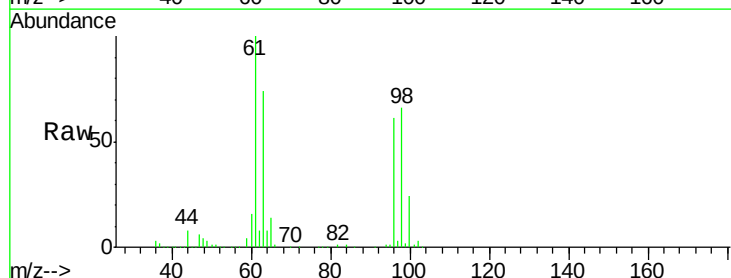
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00165

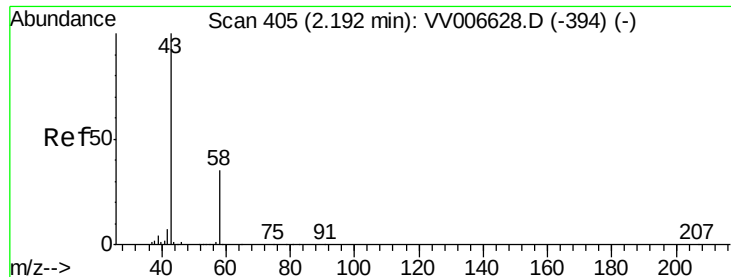
Tgt Ion: 64 Resp: 128083
 Ion Ratio Lower Upper
 64 100
 66 4.5 22.5 41.9#



#12
 1,1-Dichloroethene
 Concen: 4.111 ug/L
 RT: 2.14 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VV006639.D
 Acq: 18 Jul 2018 20:20

Tgt Ion: 96 Resp: 84863
 Ion Ratio Lower Upper
 96 100
 61 164.9 114.9 213.5
 63 121.4 81.9 152.1





#13

Acetone

Concen: 0.948 ug/L

RT: 2.20 min Scan# 408

Delta R.T. 0.01 min

Lab File: VV006639.D

Acq: 18 Jul 2018 20:20

Instrument :

MSVOA_V

ClientSampleId :

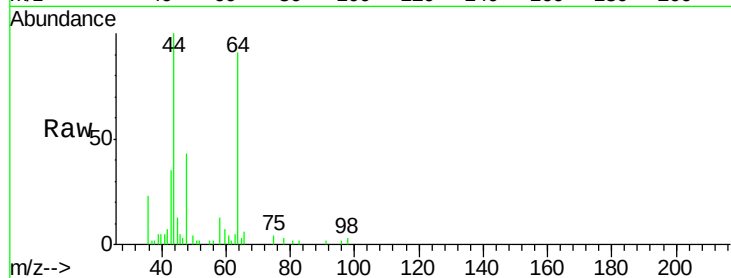
VSTD00165

Tgt Ion: 43 Resp: 3264

Ion Ratio Lower Upper

43 100

58 44.7 0.0 70.8



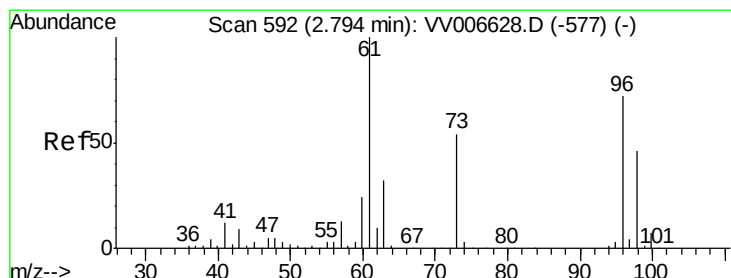
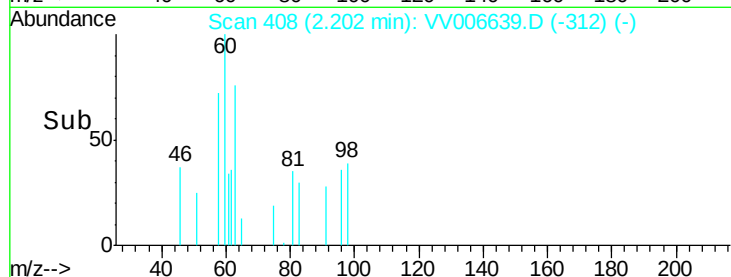
Abundance Ion 43.05 (42.75 to 43.75): VV006628.D (-394) (-)

Ion 58.05 (57.75 to 58.75): VV006628.D (-394) (-)

2.20

2.25

Time-->



#18

trans-1,2-Dichloroethene

Concen: 9.754 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006639.D

Acq: 18 Jul 2018 20:20

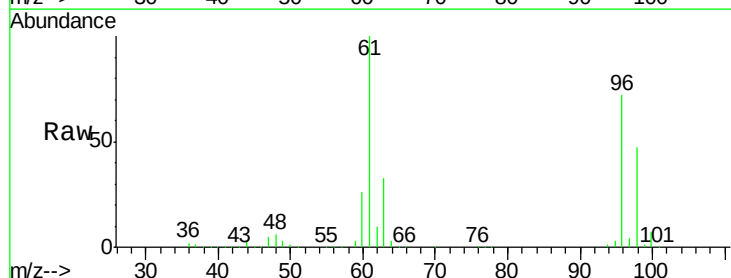
Tgt Ion: 96 Resp: 221318

Ion Ratio Lower Upper

96 100

61 139.3 98.1 182.1

98 65.2 44.4 82.4



Abundance Ion 96.00 (95.70 to 96.70): VV006628.D (-577) (-)

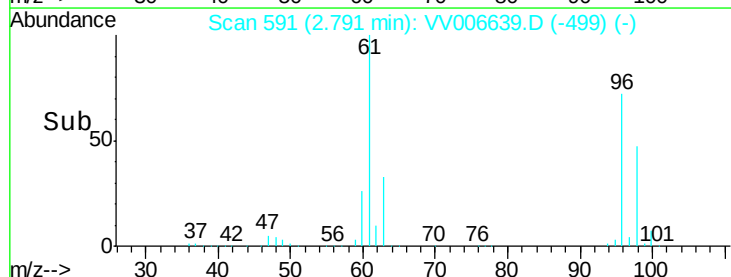
Ion 61.05 (60.75 to 61.75): VV006628.D (-577) (-)

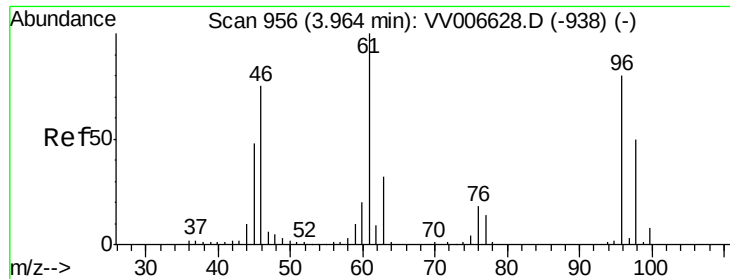
Ion 97.95 (97.65 to 98.65): VV006628.D (-577) (-)

2.79

2.90

Time-->



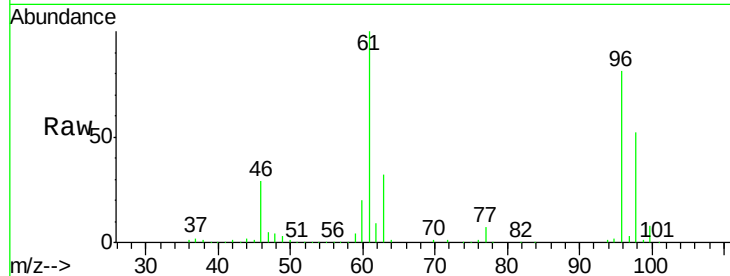


#22

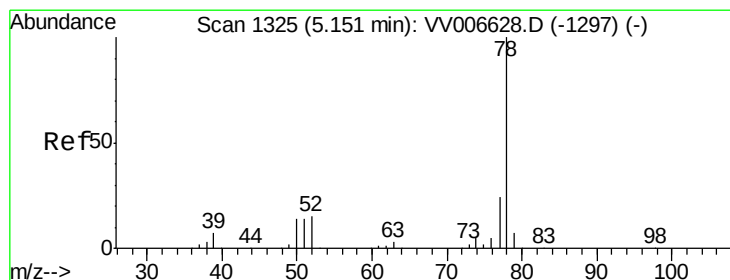
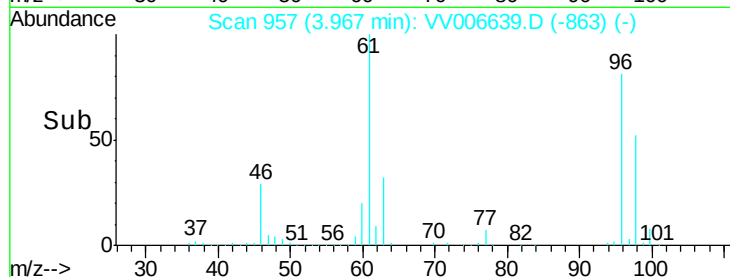
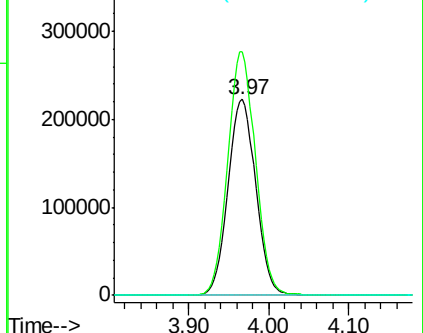
cis-1,2-Dichloroethene
 Concen: 22.096 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV006639.D
 Acq: 18 Jul 2018 20:20

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00165

Tgt Ion: 96 Resp: 525988
 Ion Ratio Lower Upper
 96 100
 61 124.1 86.2 160.2
 68 0.0 0.0 0.0



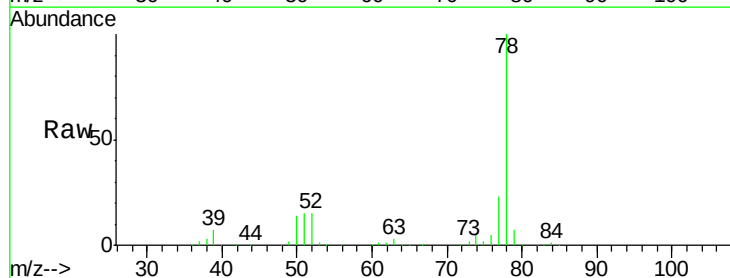
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



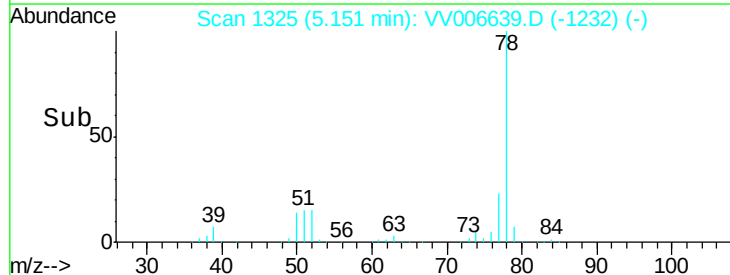
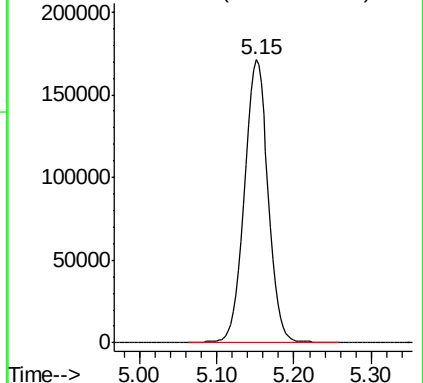
#33

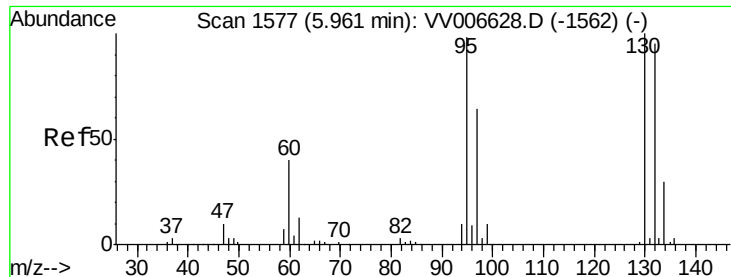
Benzene
 Concen: 4.159 ug/L
 RT: 5.15 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VV006639.D
 Acq: 18 Jul 2018 20:20

Tgt Ion: 78 Resp: 366577



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 12.321 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006639.D

Acq: 18 Jul 2018 20:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD00165

Tgt Ion: 95 Resp: 266433

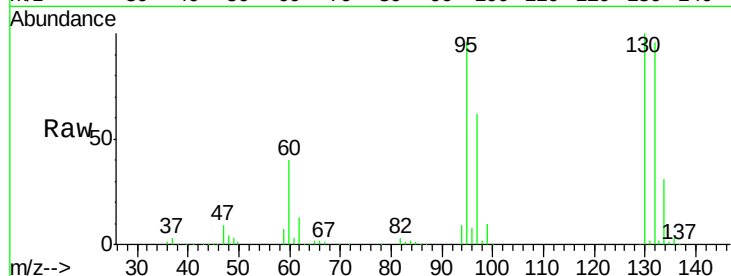
Ion Ratio Lower Upper

95 100

97 64.7 45.1 83.7

132 99.4 69.0 128.2

130 104.0 71.7 133.1

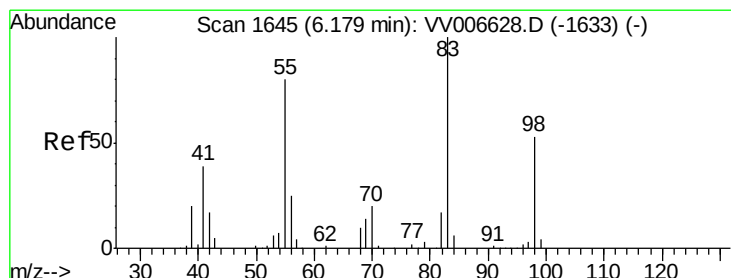
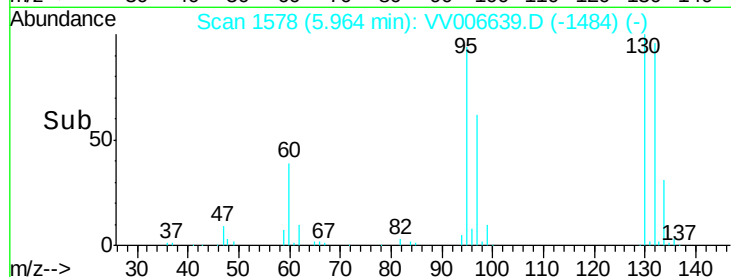
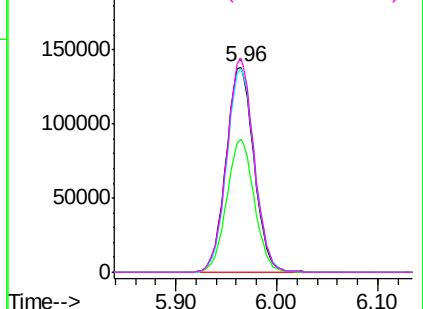


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.771 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006639.D

Acq: 18 Jul 2018 20:20

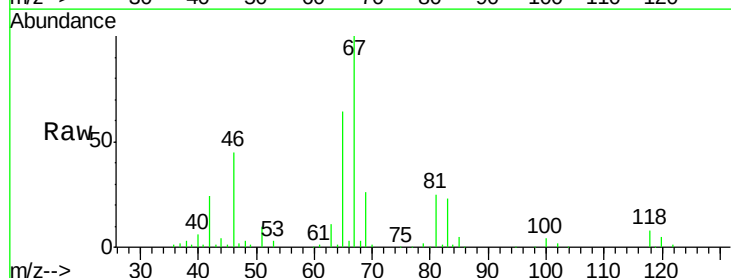
Tgt Ion: 83 Resp: 26370

Ion Ratio Lower Upper

83 100

55 0.2 60.7 91.1#

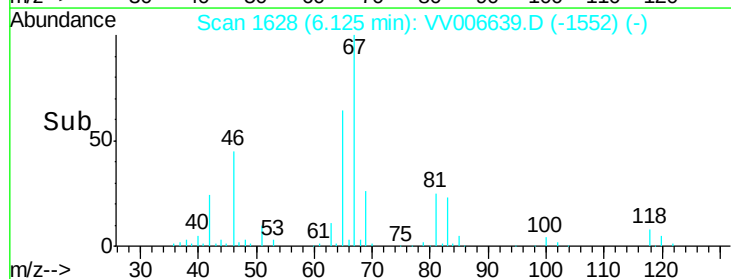
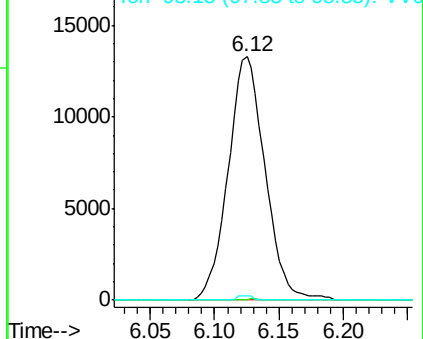
98 0.0 39.1 58.7#

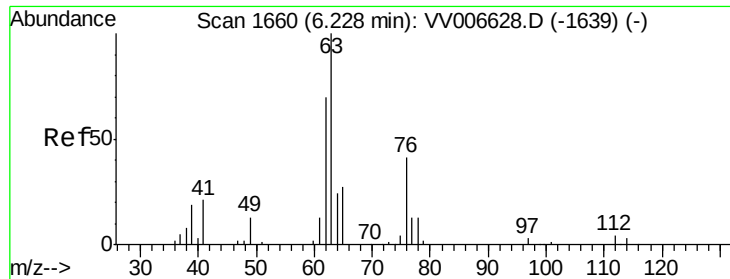


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

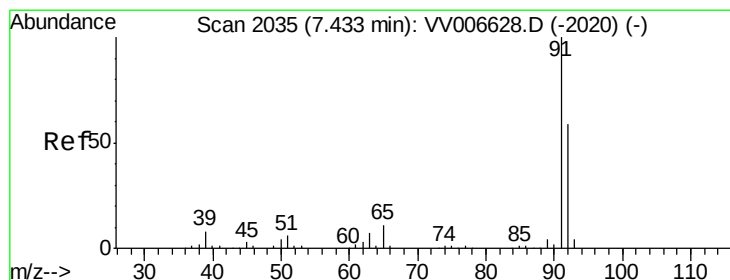
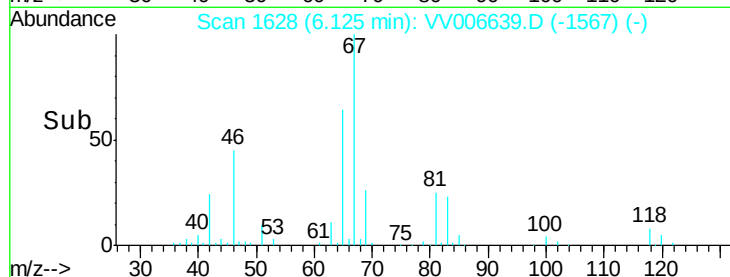
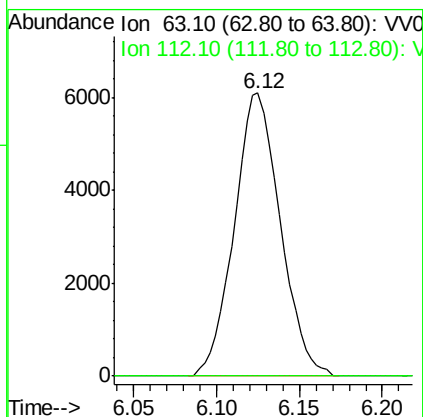
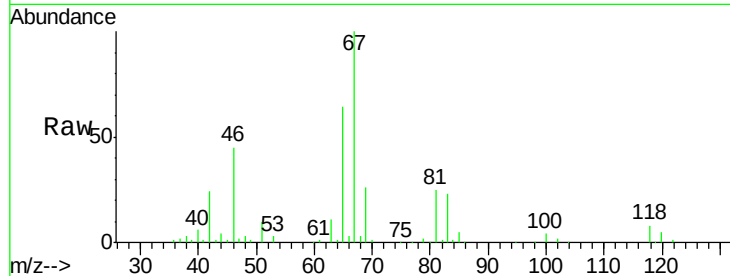




#37
 1,2-Dichloropropane
 Concen: 0.529 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006639.D
 Acq: 18 Jul 2018 20:20

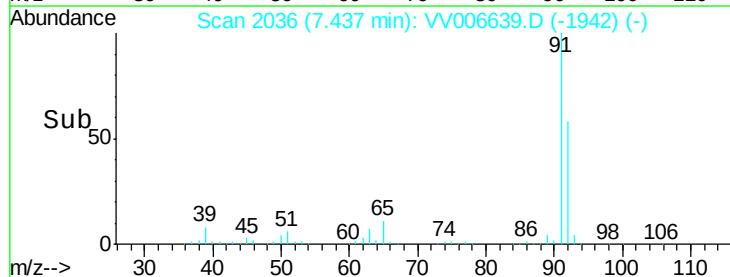
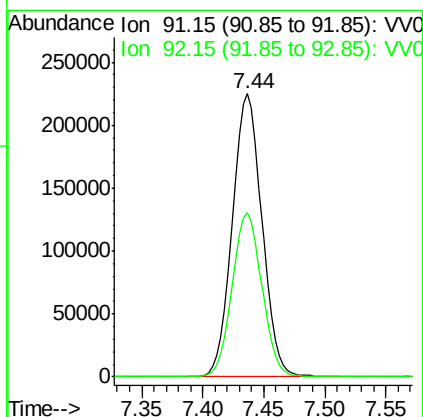
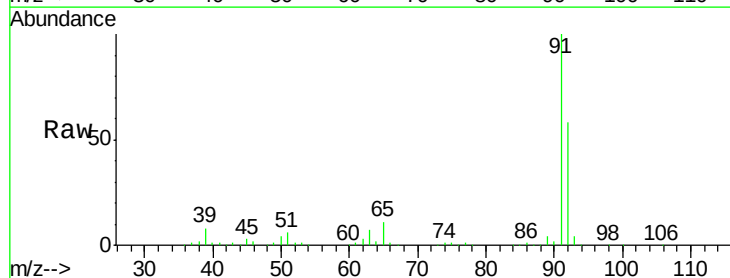
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00165

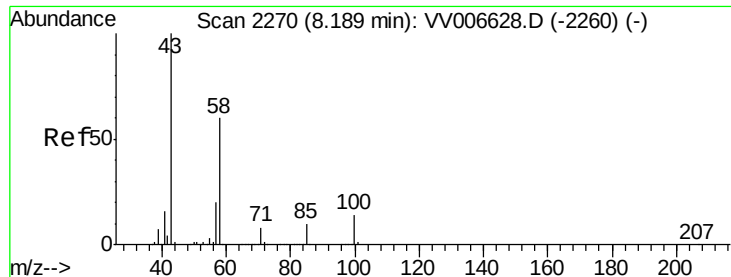
Tgt Ion: 63 Resp: 11751
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 Toluene
 Concen: 4.236 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV006639.D
 Acq: 18 Jul 2018 20:20

Tgt Ion: 91 Resp: 380539
 Ion Ratio Lower Upper
 91 100
 92 57.9 40.8 75.8

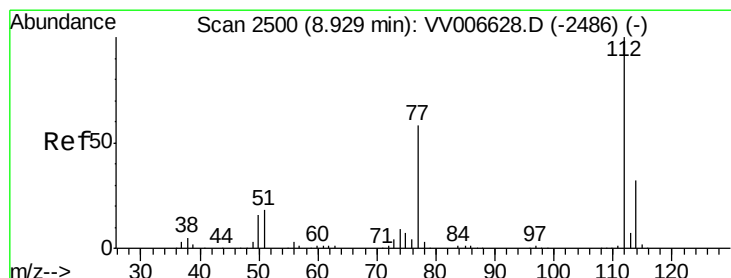
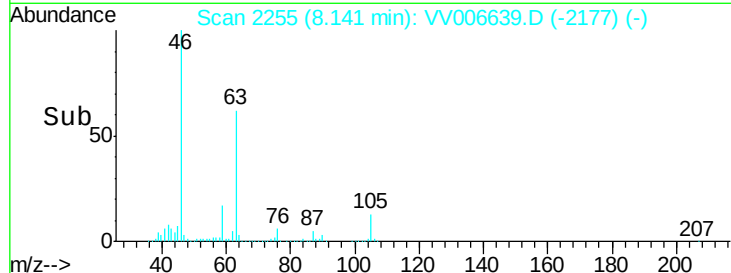
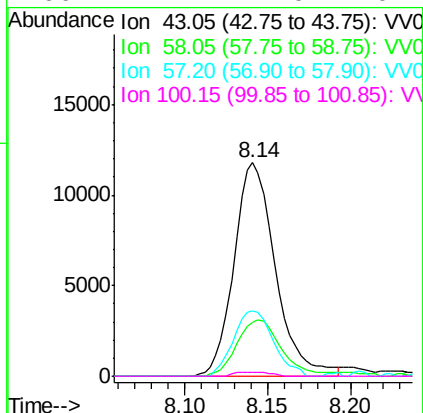
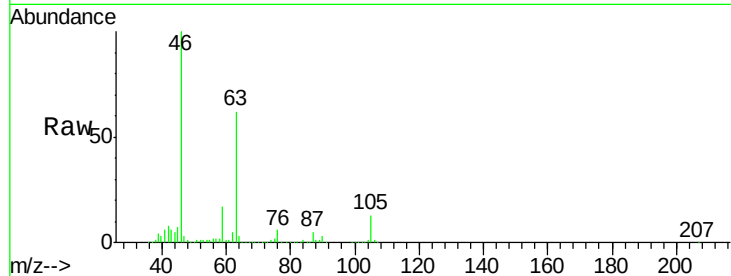




#48
2-Hexanone
Concen: 2.244 ug/L
RT: 8.14 min Scan# 2255
Delta R.T. -0.05 min
Lab File: VV006639.D
Acq: 18 Jul 2018 20:20

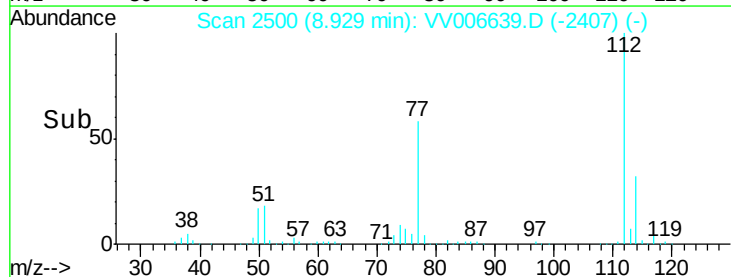
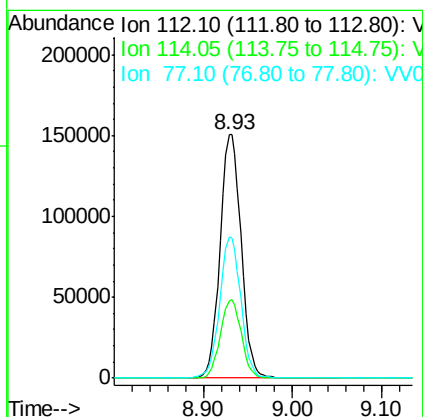
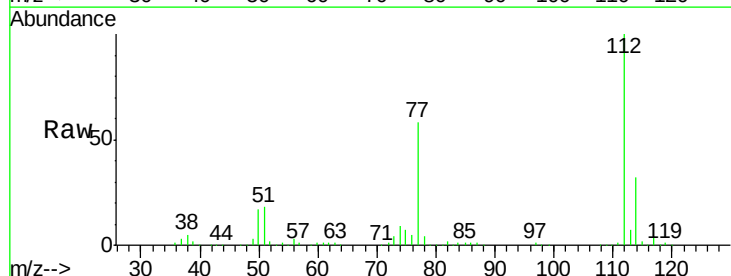
Instrument :
MSVOA_V
ClientSampleId :
VSTD00165

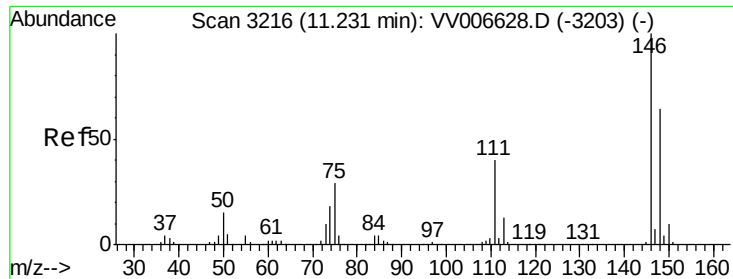
Tgt Ion:	43	Resp:	20505
Ion	Ratio	Lower	Upper
43	100		
58	28.8	48.2	72.4#
57	29.3	16.2	24.4#
100	1.7	11.0	16.4#



#51
Chlorobenzene
Concen: 4.215 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VV006639.D
Acq: 18 Jul 2018 20:20

Tgt Ion:	112	Resp:	246288
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.6	42.0
77	57.9	46.2	69.4





#62

1,3-Dichlorobenzene

Concen: 0.295 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.09 min

Lab File: VV006639.D

Acq: 18 Jul 2018 20:20

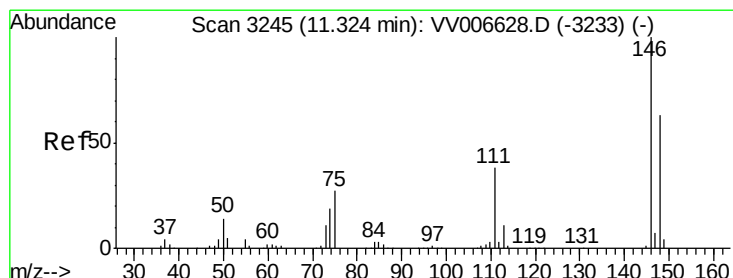
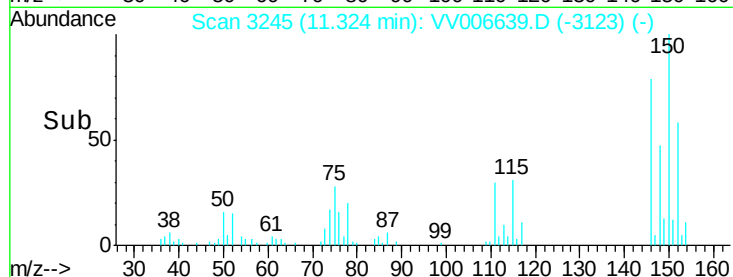
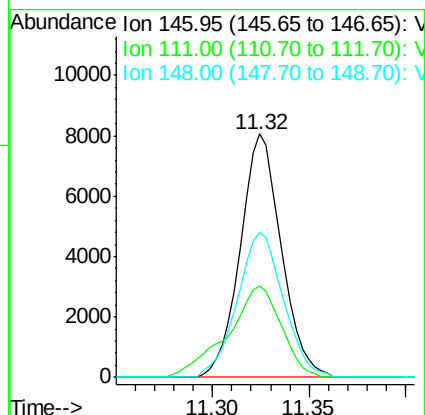
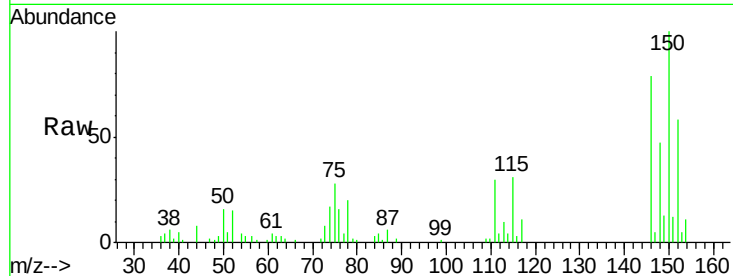
Instrument :

MSVOA_V

ClientSampleId :

VSTD00165

Tgt Ion:	146	Resp:	11921
Ion	Ratio	Lower	Upper
146	100		
111	37.5	27.4	51.0
148	59.4	45.2	84.0



#63

1,4-Dichlorobenzene

Concen: 0.289 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VV006639.D

Acq: 18 Jul 2018 20:20

Tgt Ion:	146	Resp:	11921
Ion	Ratio	Lower	Upper
146	100		
111	37.5	27.1	50.3
148	59.4	45.7	84.9

