

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111918\
 Data File : VV008646.D
 Acq On : 19 Nov 2018 13:10
 Operator : SY/MD
 Sample : J5995-02MS
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FG6MS

Quant Time: Nov 20 07:22:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 06:56:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	149503	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132763	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58153	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28691	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.59	69	23322	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.14	63	65369	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	3.96	46	115704	48.69	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.38%
24) Chloroform-d	4.41	84	83276	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.09	65	43835	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.10	84	160624	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	52764	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	145491	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.67	79	18415	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.14	63	86499	44.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36685	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	49101	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

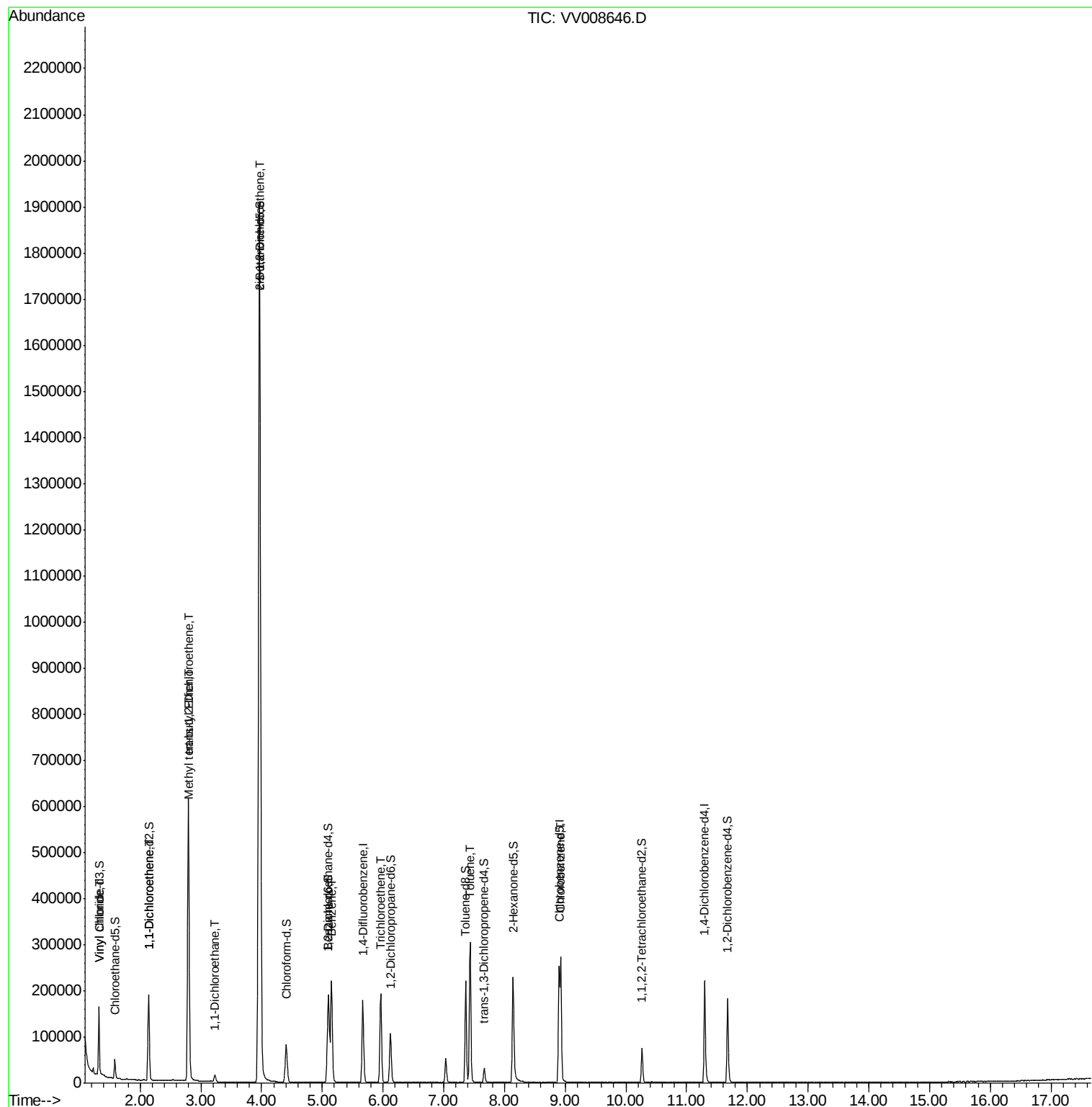
					Ovalue
5) Vinyl chloride	1.32	62	63161	6.680	ug/L 99
12) 1,1-Dichloroethene	2.15	96	39244	5.662	ug/L 93
17) Methyl tert-butyl Ether	2.81	73	45122	2.446	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	214212	28.470	ug/L 97
19) 1,1-Dichloroethane	3.24	63	14296	0.751	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	1027545	90.485	ug/L 99
33) Benzene	5.15	78	214817	5.103	ug/L 100
34) Trichloroethene	5.96	95	67394	6.058	ug/L 98
42) Toluene	7.43	91	218542	4.982	ug/L 97
51) Chlorobenzene	8.93	112	134489	4.970	ug/L 96

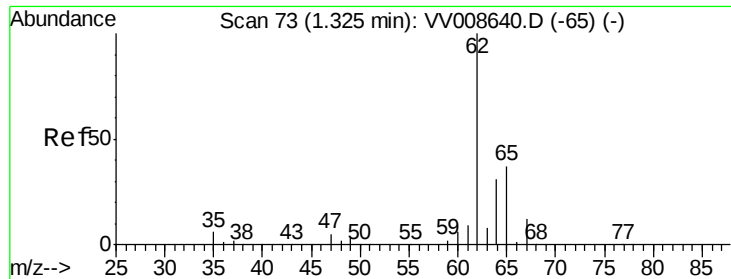
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV111918\
Data File : VV008646.D
Acq On : 19 Nov 2018 13:10
Operator : SY/MD
Sample : J5995-02MS
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0FG6MS

Quant Time: Nov 20 07:22:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 06:56:52 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.680 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV008646.D

Acq: 19 Nov 2018 13:10

Instrument :

MSVOA_V

ClientSampleId :

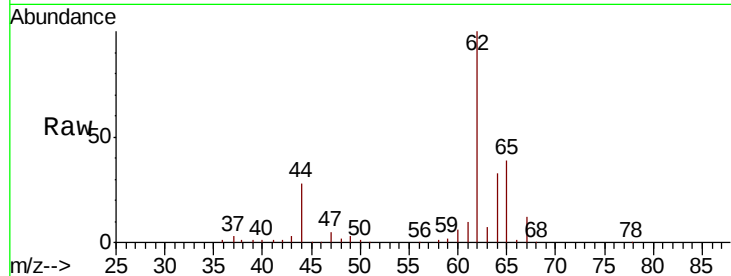
H0FG6MS

Tot Ion: 62 Resp: 63161

Ion Ratio Lower Upper

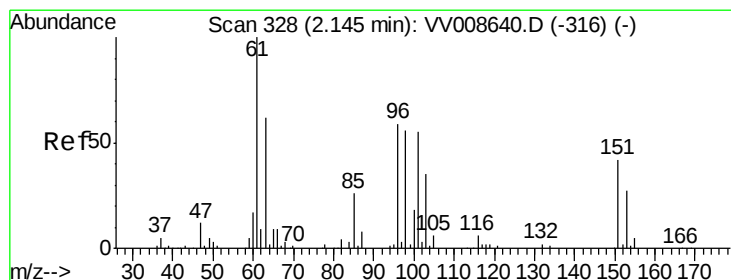
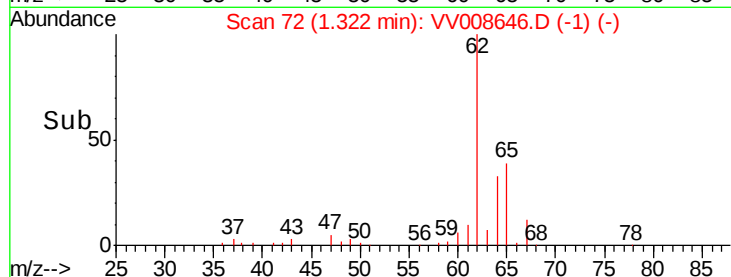
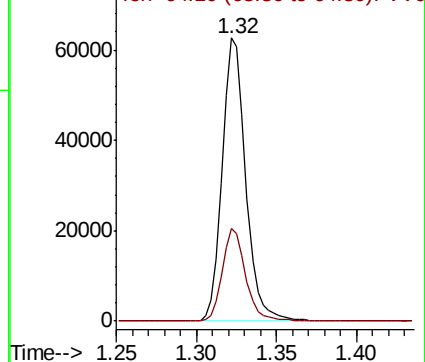
62 100

64 32.7 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VV008646.D (-65) (-)

Ion 64.10 (63.80 to 64.80): VV008646.D (-65) (-)



#12

1,1-Dichloroethene

Concen: 5.662 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV008646.D

Acq: 19 Nov 2018 13:10

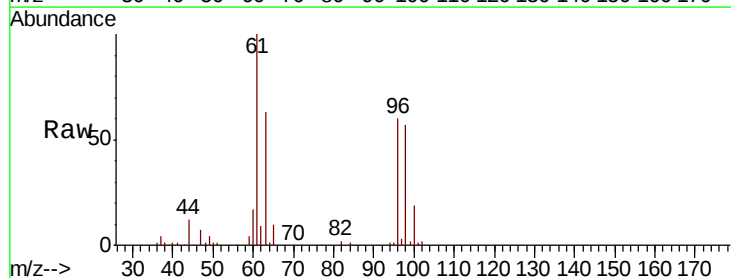
Tgt Ion: 96 Resp: 39244

Ion Ratio Lower Upper

96 100

61 166.2 120.3 223.5

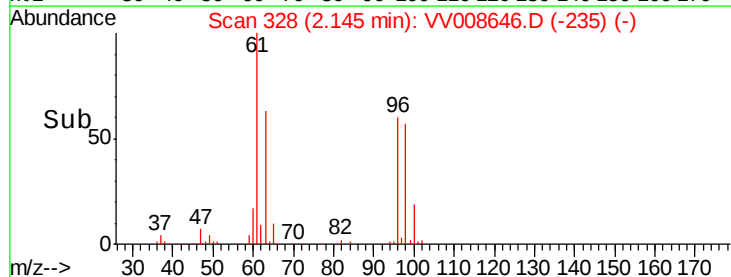
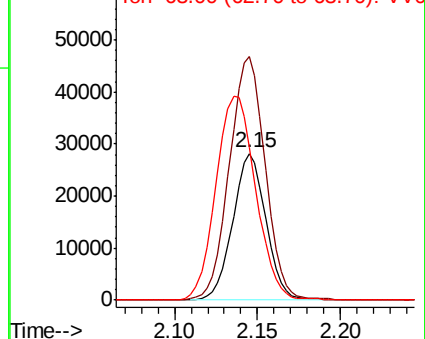
63 104.5 82.5 153.3

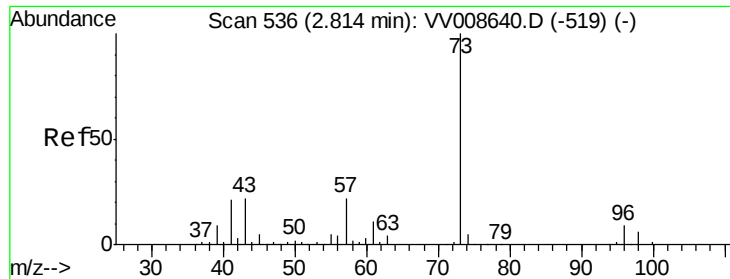


Abundance Ion 96.00 (95.70 to 96.70): VV008646.D (-316) (-)

Ion 61.05 (60.75 to 61.75): VV008646.D (-316) (-)

Ion 63.00 (62.70 to 63.70): VV008646.D (-316) (-)

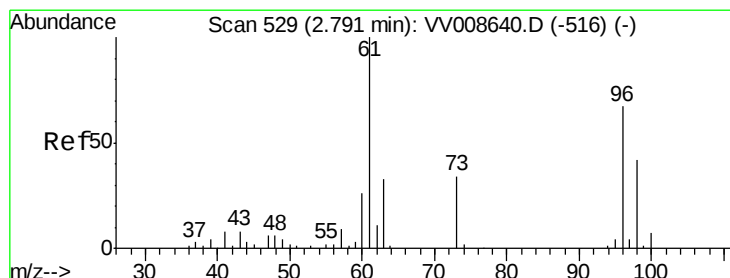
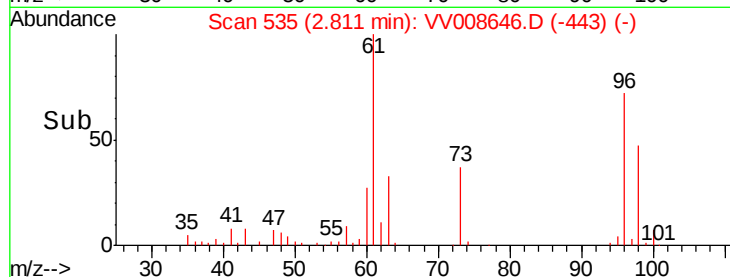
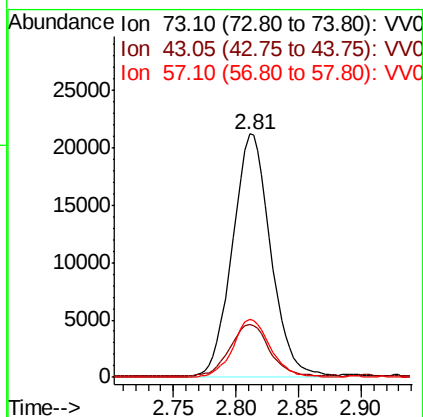
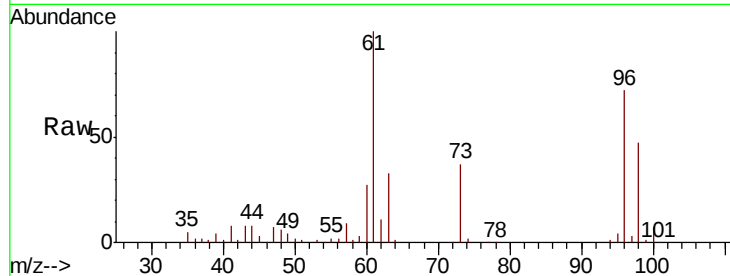




#17
Methvl tert-butvl Ether
Concen: 2.446 ug/L
RT: 2.81 min Scan# 535
Delta R.T. -0.00 min
Lab File: VV008646.D
Acq: 19 Nov 2018 13:10

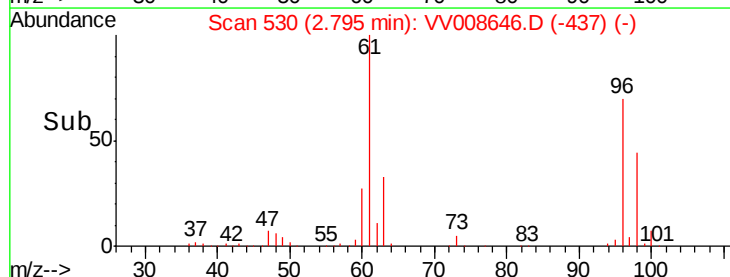
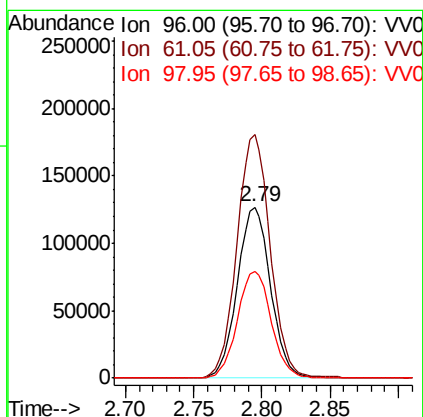
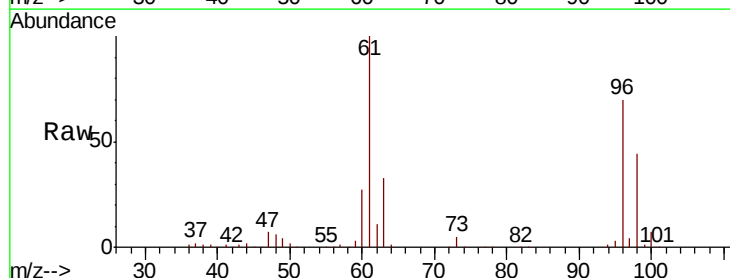
Instrument :
MSVOA_V
ClientSampleId :
H0FG6MS

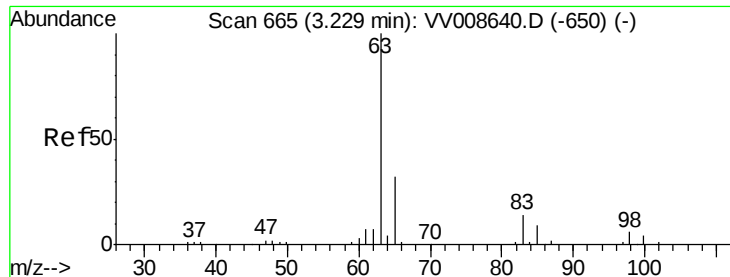
Tot Ion: 73 Resp: 45122
Ion Ratio Lower Upper
73 100
43 21.9 18.1 27.1
57 23.3 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 28.470 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008646.D
Acq: 19 Nov 2018 13:10

Tgt Ion: 96 Resp: 214212
Ion Ratio Lower Upper
96 100
61 142.5 97.1 180.3
98 62.6 41.9 77.7

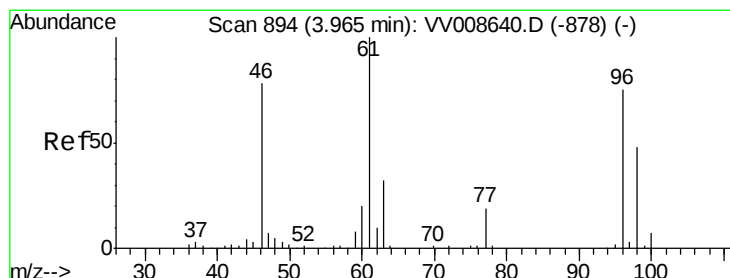
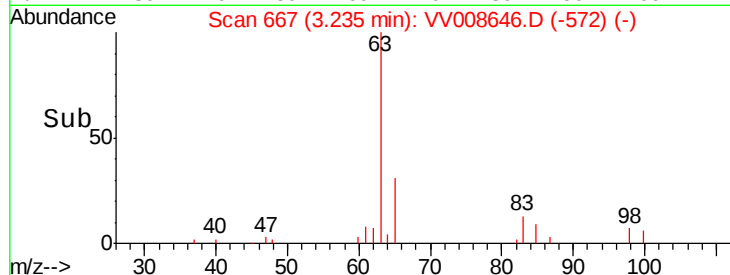
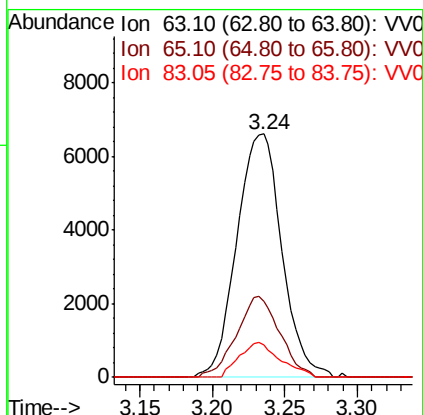
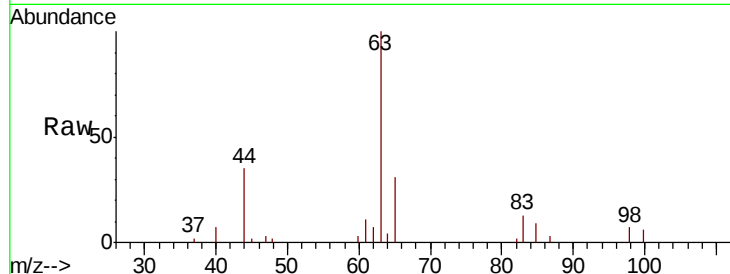




#19
 1,1-Dichloroethane
 Concen: 0.751 ug/L
 RT: 3.24 min Scan# 667
 Delta R.T. 0.01 min
 Lab File: VV008646.D
 Acq: 19 Nov 2018 13:10

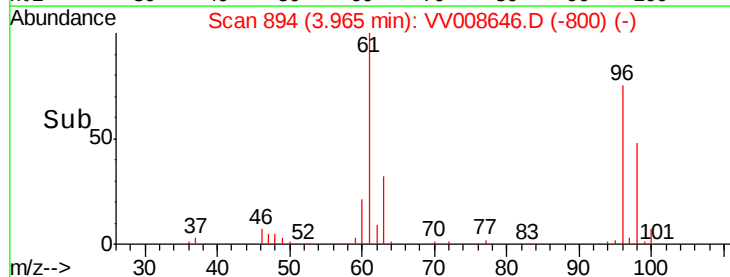
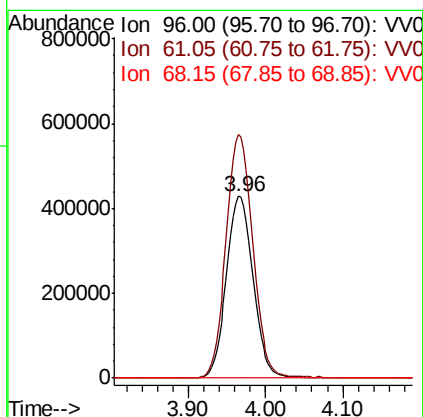
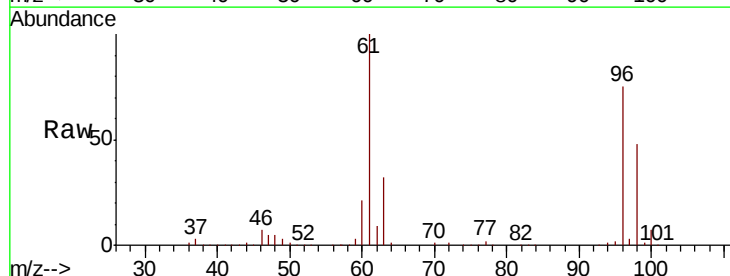
Instrument :
 MSVOA_V
 ClientSampleId :
 H0FG6MS

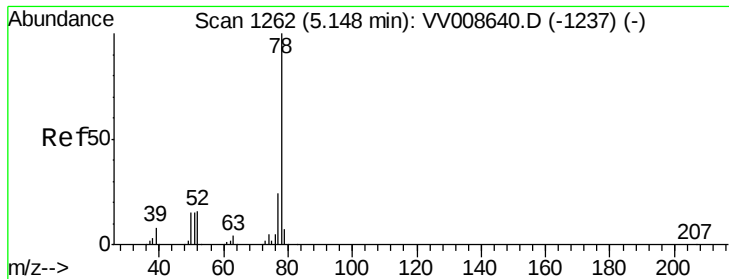
Tot Ion: 63 Resp: 14296
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.2 43.0
 83 13.3 9.5 17.7



#22
 cis-1,2-Dichloroethene
 Concen: 90.485 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV008646.D
 Acq: 19 Nov 2018 13:10

Tgt Ion: 96 Resp: 1027545
 Ion Ratio Lower Upper
 96 100
 61 133.9 93.2 173.2
 68 0.0 0.0 0.0





#33

Benzene

Concen: 5.103 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV008646.D

Acq: 19 Nov 2018 13:10

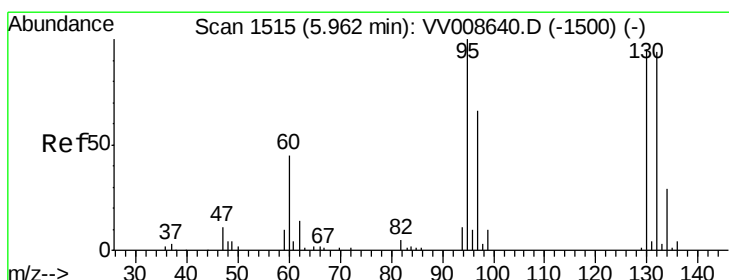
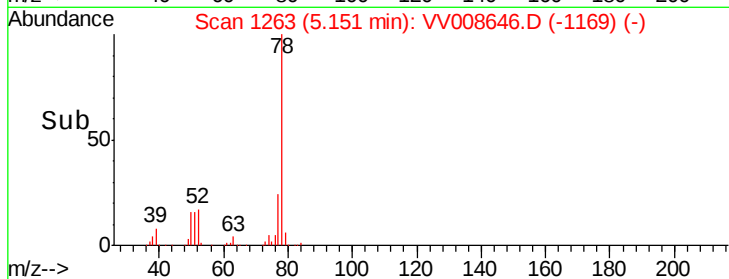
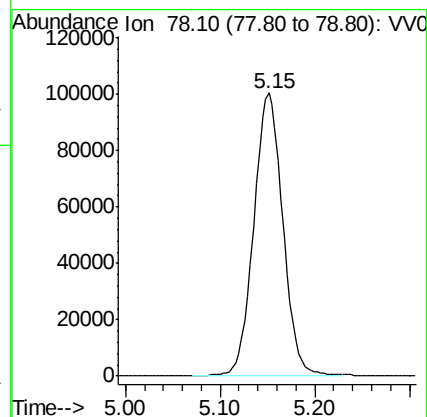
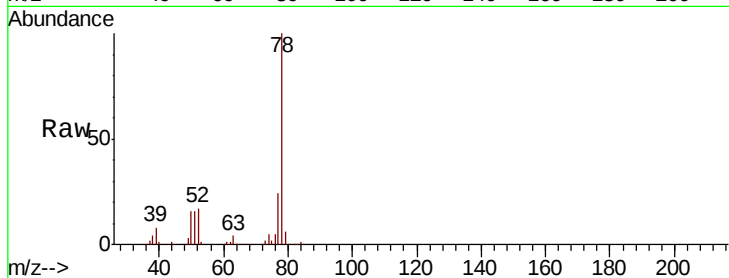
Instrument :

MSVOA_V

ClientSampleId :

H0FG6MS

Tgt Ion: 78 Resp: 214817



#34

Trichloroethene

Concen: 6.058 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008646.D

Acq: 19 Nov 2018 13:10

Tgt Ion: 95 Resp: 67394

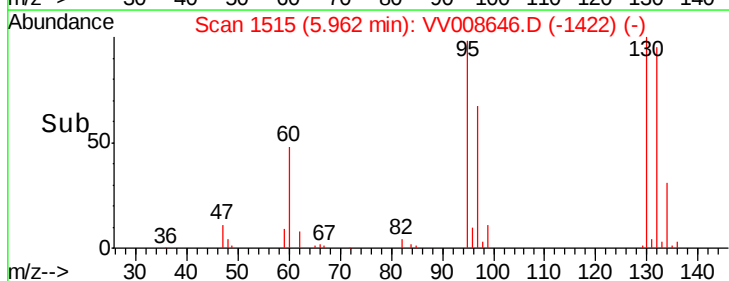
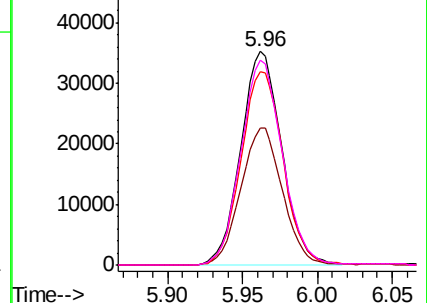
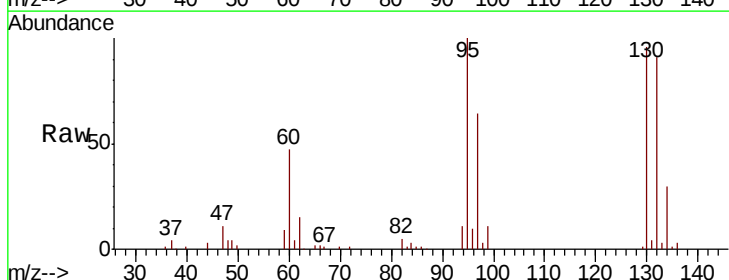
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.1	83.7
132	90.7	66.3	123.1
130	95.8	68.0	126.4

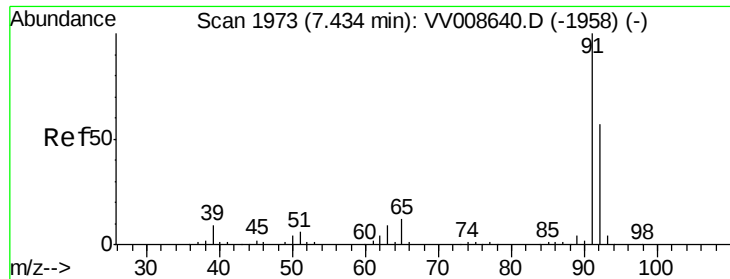
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#42

Toluene

Concen: 4.982 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008646.D

Acq: 19 Nov 2018 13:10

Instrument :

MSVOA_V

ClientSampleId :

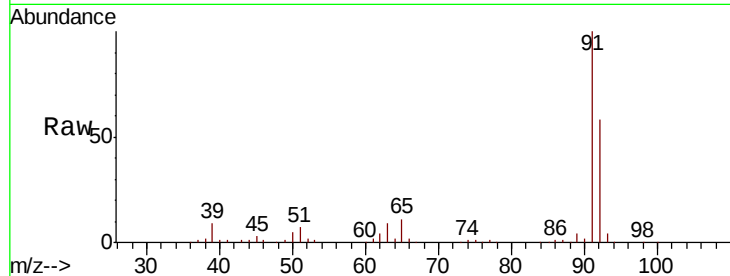
H0FG6MS

Tot Ion: 91 Resp: 218542

Ion Ratio Lower Upper

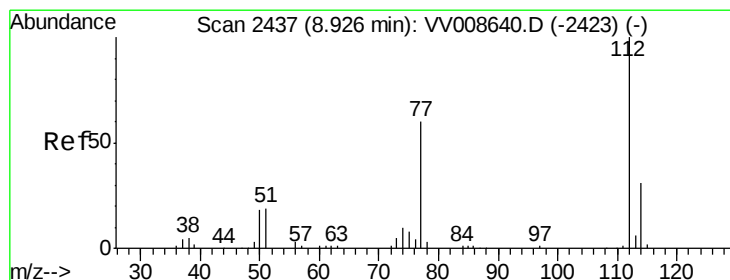
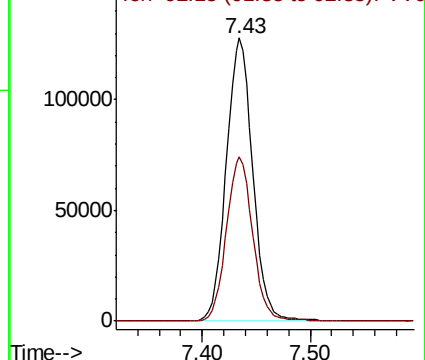
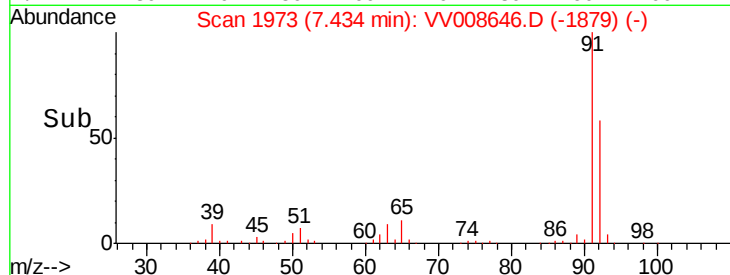
91 100

92 57.9 39.1 72.5



Abundance Ion 91.15 (90.85 to 91.85): VV008646.D (-1879) (-)

Ion 92.15 (91.85 to 92.85): VV008646.D (-1879) (-)



#51

Chlorobenzene

Concen: 4.970 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV008646.D

Acq: 19 Nov 2018 13:10

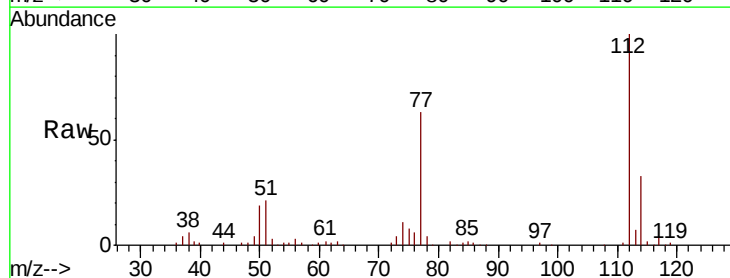
Tgt Ion: 112 Resp: 134489

Ion Ratio Lower Upper

112 100

114 33.1 21.9 40.7

77 63.1 47.9 71.9



Abundance Ion 112.10 (111.80 to 112.80): VV008646.D (-2344) (-)

Ion 114.05 (113.75 to 114.75): VV008646.D (-2344) (-)

Ion 77.10 (76.80 to 77.80): VV008646.D (-2344) (-)

