

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062718\
 Data File : VV006480.D
 Acq On : 27 Jun 2018 13:16
 Operator : SY/MD
 Sample : J3673-10
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DAZA5

Quant Time: Jun 28 01:19:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 28 01:18:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	319056	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	289838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127554	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	125861	6.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.00%
7) Chloroethane-d5	1.58	69	93126	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.13	63	162427	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	3.96	46	211828	53.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.76%
24) Chloroform-d	4.41	84	182979	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.09	65	89005	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.11	84	413243	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.12	67	119815	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.37	98	373208	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	7.67	79	35909	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.14	63	155999	47.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	64741	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	126987	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

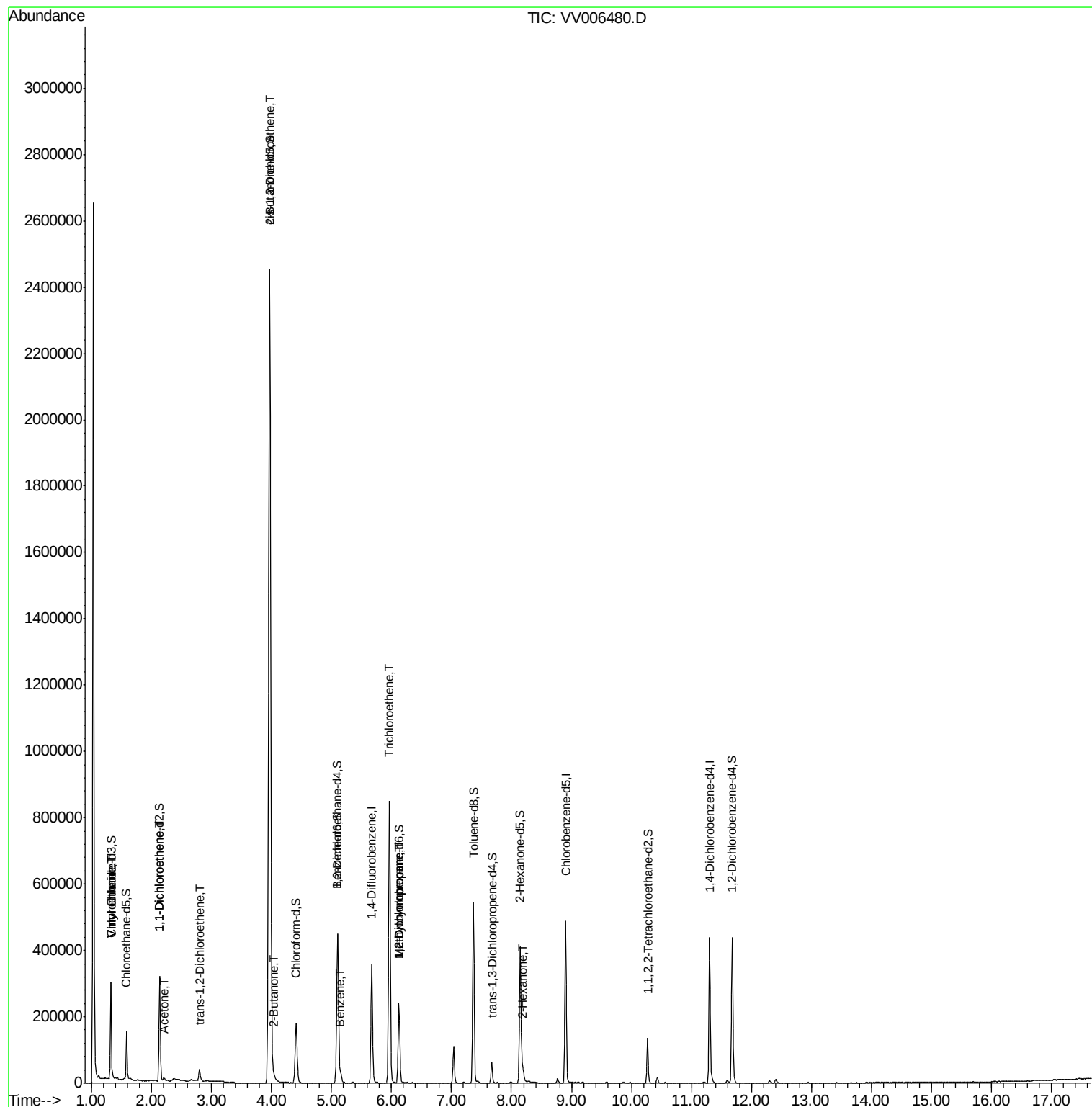
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.32	62	80409	3.088	ug/L	97
8) Chloroethane	1.32	64	27214	1.648	ug/L #	60
12) 1,1-Dichloroethene	2.15	96	5065	0.263	ug/L #	1
13) Acetone	2.21	43	9079	3.768	ug/L	99
18) trans-1,2-Dichloroethene	2.80	96	11366	0.538	ug/L	96
21) 2-Butanone	4.04	43	1586	0.364	ug/L	80
22) cis-1,2-Dichloroethene	3.97	96	1394936	60.051	ug/L	99
33) Benzene	5.15	78	26855	0.314	ug/L	100
34) Trichloroethene	5.96	95	292331	11.938	ug/L	99
35) Methylcyclohexane	6.12	83	28520	0.801	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	12401	0.593	ug/L #	85
48) 2-Hexanone	8.19	43	21417	2.925	ug/L #	79

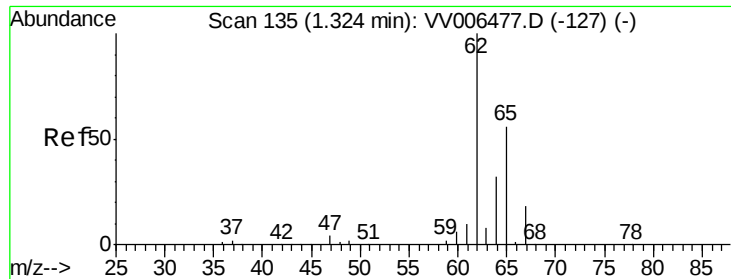
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.088 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006480.D

Acq: 27 Jun 2018 13:16

Instrument :

MSVOA_V

ClientSampleId :

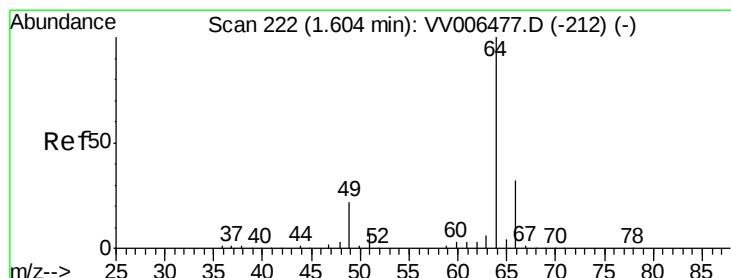
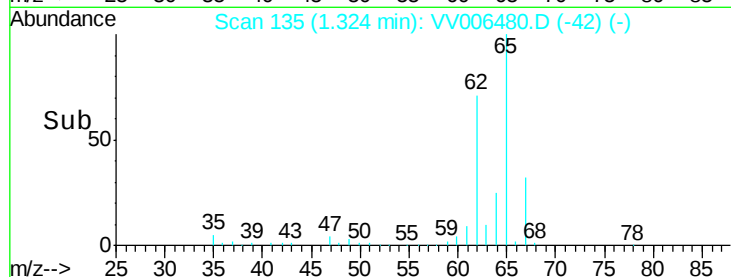
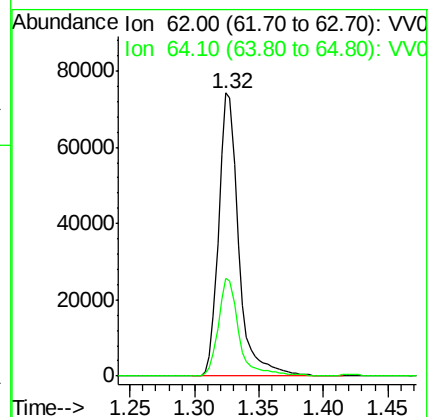
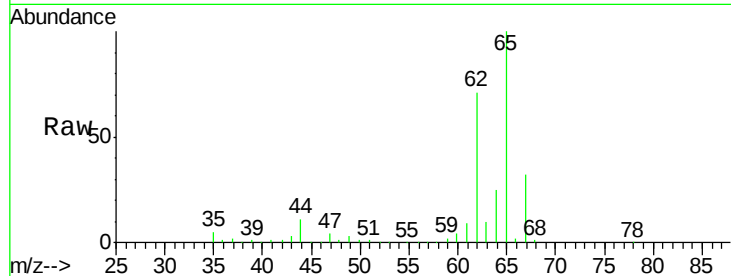
DAZA5

Tgt Ion: 62 Resp: 80409

Ion Ratio Lower Upper

62 100

64 34.5 23.1 42.9



#8

Chloroethane

Concen: 1.648 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.28 min

Lab File: VV006480.D

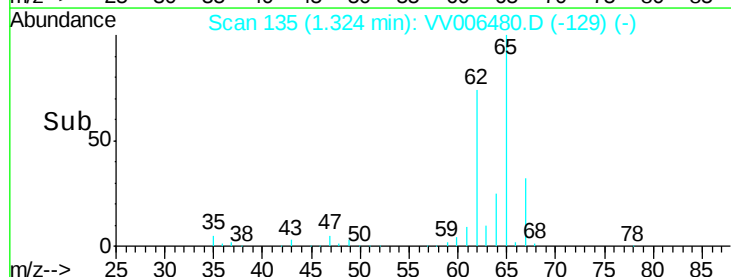
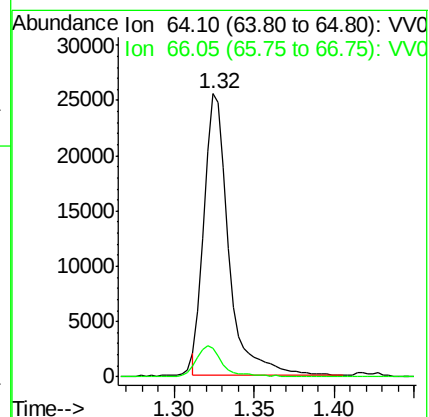
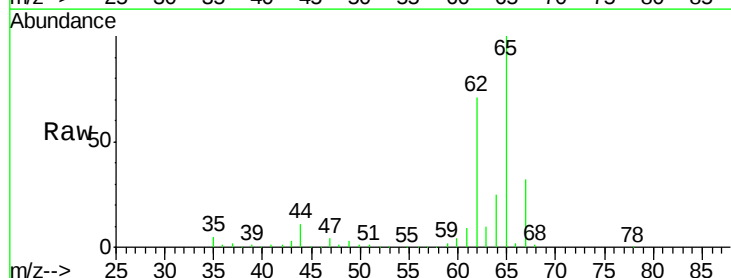
Acq: 27 Jun 2018 13:16

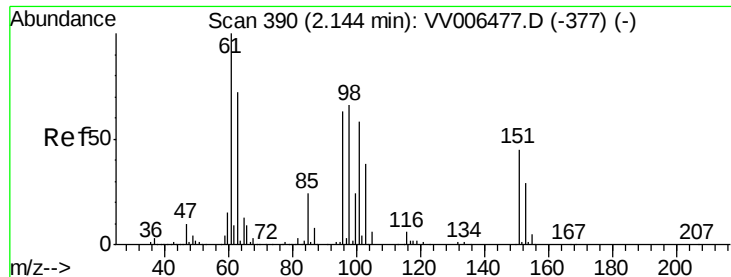
Tgt Ion: 64 Resp: 27214

Ion Ratio Lower Upper

64 100

66 9.9 22.8 42.4#





#12

1,1-Dichloroethene

Concen: 0.263 ug/L

RT: 2.15 min Scan# 391

Delta R.T. 0.00 min

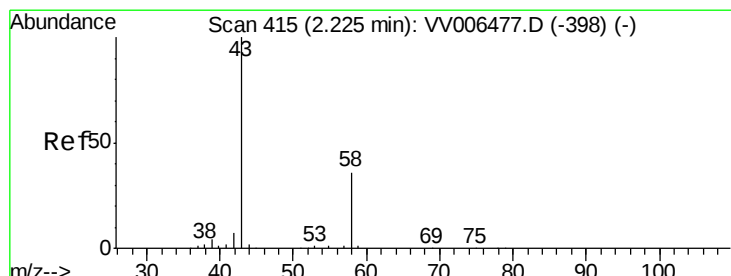
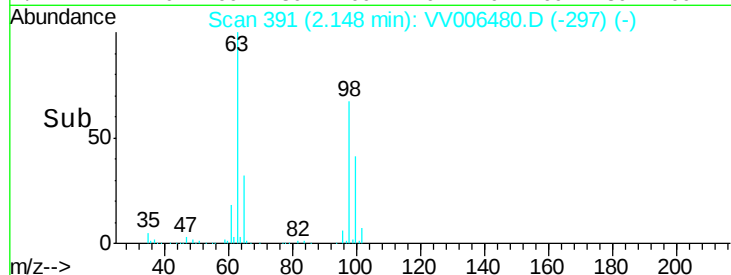
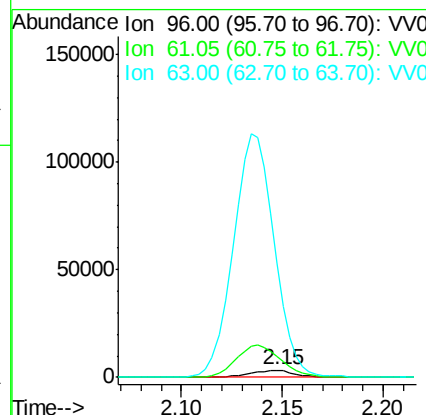
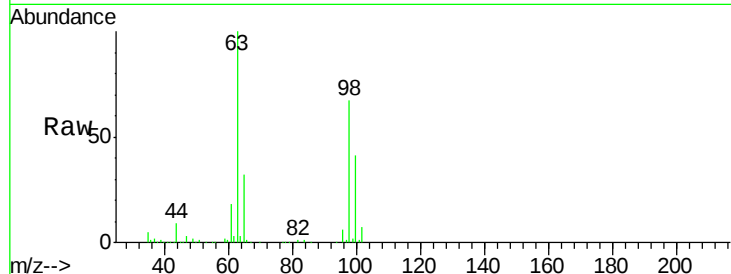
Lab File: VV006480.D

Acq: 27 Jun 2018 13:16

Instrument :
MSVOA_V
ClientSampleId :
DAZA5

Tgt Ion: 96 Resp: 5065

Ion	Ratio	Lower	Upper
96	100		
61	295.9	111.4	207.0#
63	1640.1	87.4	162.2#



#13

Acetone

Concen: 3.768 ug/L

RT: 2.21 min Scan# 410

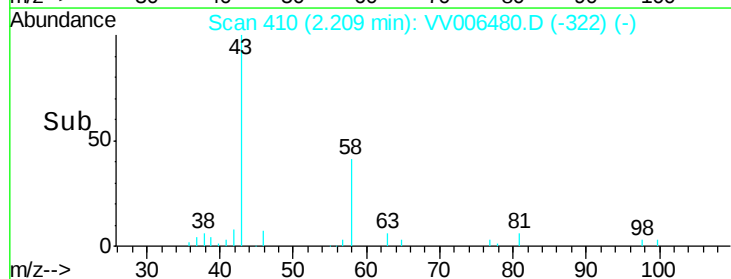
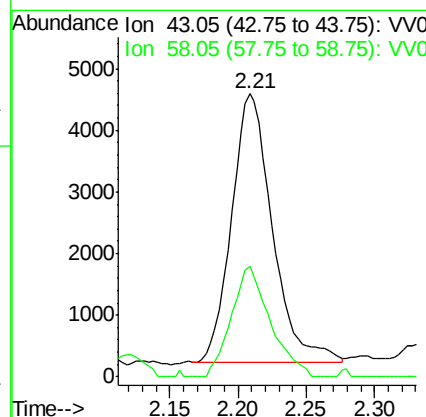
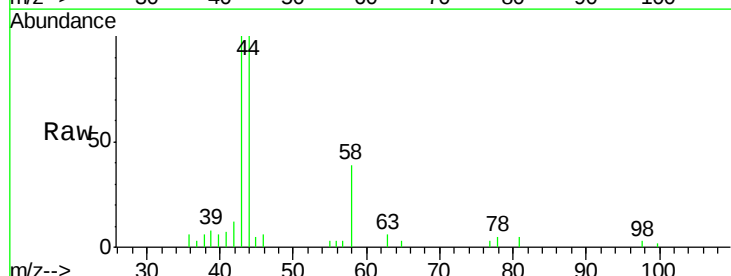
Delta R.T. -0.02 min

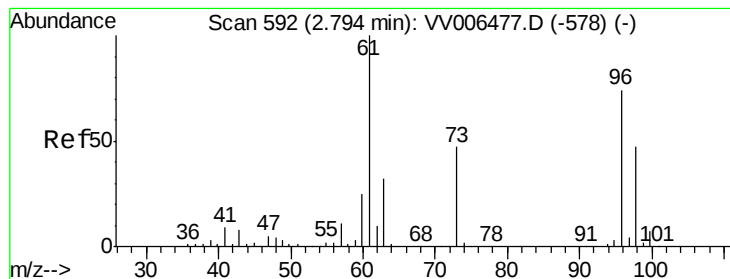
Lab File: VV006480.D

Acq: 27 Jun 2018 13:16

Tgt Ion: 43 Resp: 9079

Ion	Ratio	Lower	Upper
43	100		
58	39.1	0.0	77.4





#18

trans-1,2-Dichloroethene

Concen: 0.538 ug/L

RT: 2.80 min Scan# 593

Delta R.T. 0.00 min

Lab File: VV006480.D

Acq: 27 Jun 2018 13:16

Instrument :

MSVOA_V

ClientSampleId :

DAZA5

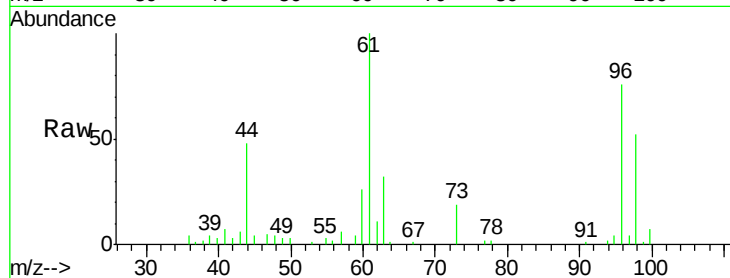
Tgt Ion: 96 Resp: 11366

Ion Ratio Lower Upper

96 100

61 130.8 94.4 175.2

98 68.2 44.3 82.3

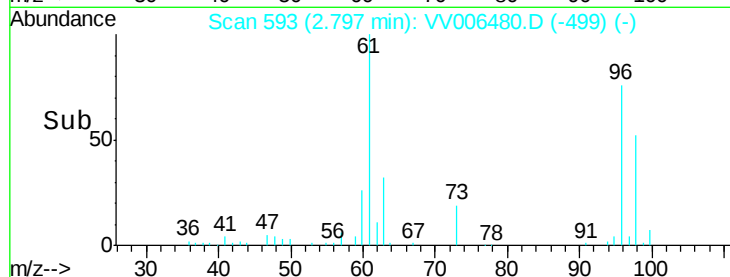


Abundance Ion 96.00 (95.70 to 96.70): VV006477.D (-578) (-)

Ion 61.05 (60.75 to 61.75): VV006477.D (-578) (-)

Ion 97.95 (97.65 to 98.65): VV006477.D (-578) (-)

Time-->



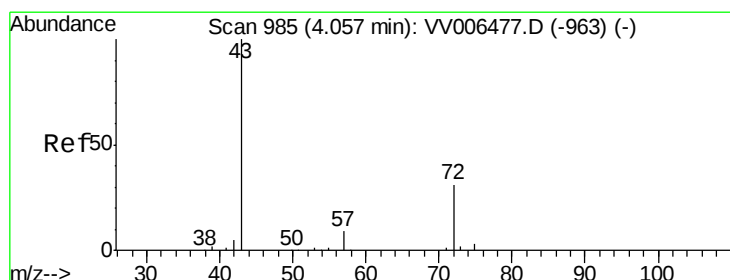
Abundance

Ion 96.00 (95.70 to 96.70): VV006480.D (-499) (-)

Ion 61.05 (60.75 to 61.75): VV006480.D (-499) (-)

Ion 97.95 (97.65 to 98.65): VV006480.D (-499) (-)

Time-->



#21

2-Butanone

Concen: 0.364 ug/L

RT: 4.04 min Scan# 980

Delta R.T. -0.02 min

Lab File: VV006480.D

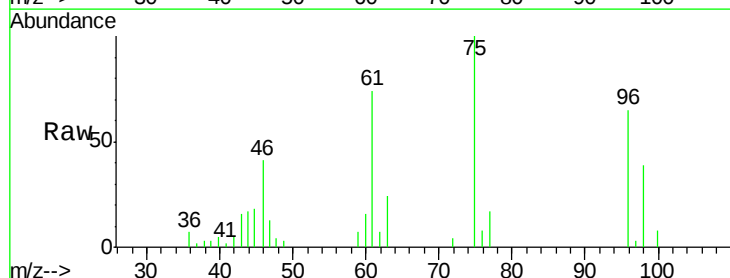
Acq: 27 Jun 2018 13:16

Tgt Ion: 43 Resp: 1586

Ion Ratio Lower Upper

43 100

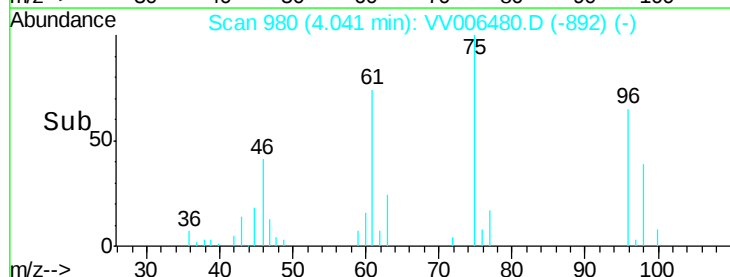
72 19.5 15.4 46.1



Abundance Ion 43.05 (42.75 to 43.75): VV006477.D (-963) (-)

Ion 72.10 (71.80 to 72.80): VV006477.D (-963) (-)

Time-->

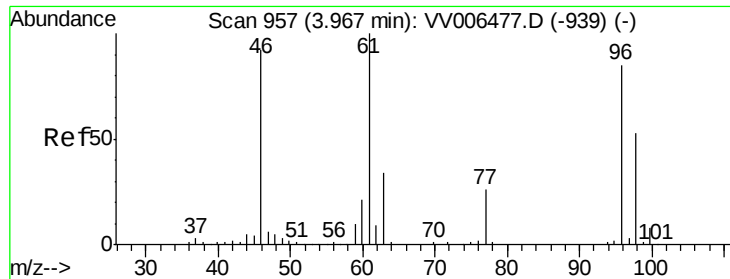


Abundance

Ion 43.05 (42.75 to 43.75): VV006480.D (-892) (-)

Ion 72.10 (71.80 to 72.80): VV006480.D (-892) (-)

Time-->

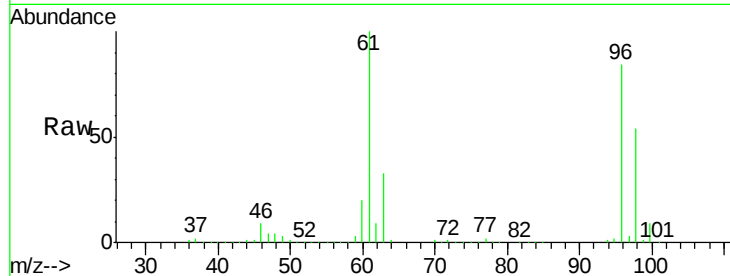


#22

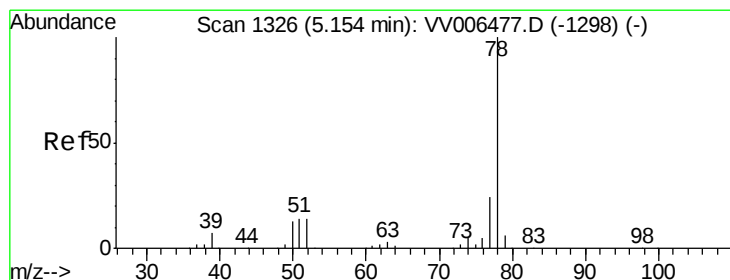
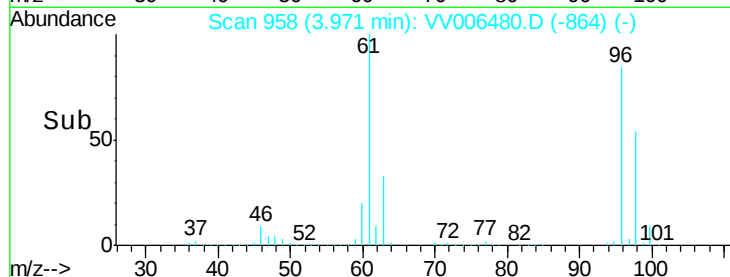
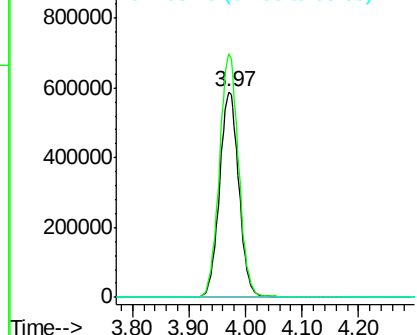
cis-1,2-Dichloroethene
 Concen: 60.051 ug/L
 RT: 3.97 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: VV006480.D
 Acq: 27 Jun 2018 13:16

Instrument :
 MSVOA_V
 ClientSampleId :
 DAZA5

Tgt Ion: 96 Resp: 1394936
 Ion Ratio Lower Upper
 96 100
 61 118.4 81.8 151.8
 68 0.0 0.0 0.0



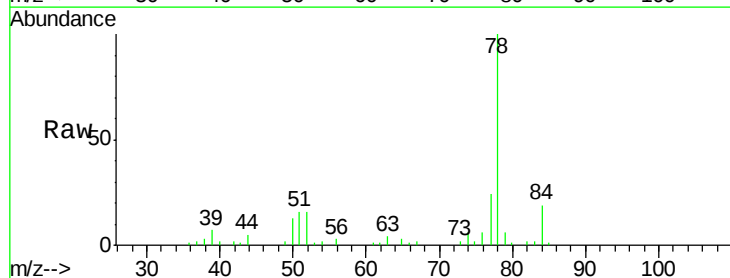
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



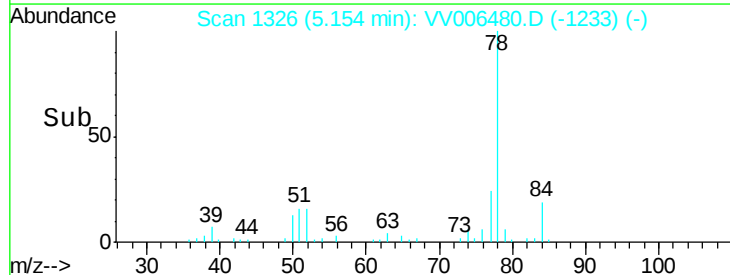
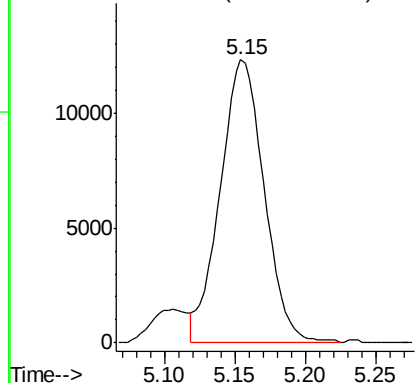
#33

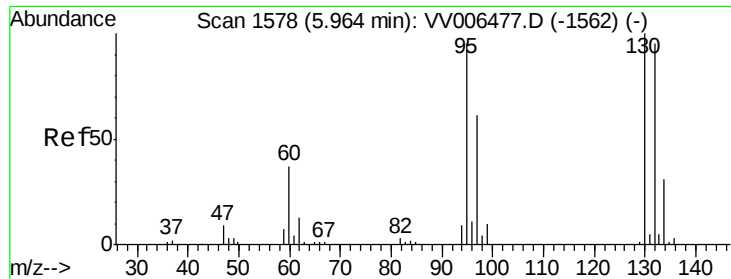
Benzene
 Concen: 0.314 ug/L
 RT: 5.15 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: VV006480.D
 Acq: 27 Jun 2018 13:16

Tgt Ion: 78 Resp: 26855



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 11.938 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006480.D

Acq: 27 Jun 2018 13:16

Instrument :

MSVOA_V

ClientSampleId :

DAZA5

Tgt Ion: 95 Resp: 292331

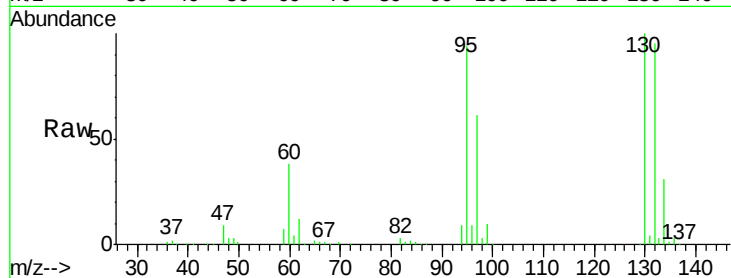
Ion Ratio Lower Upper

95 100

97 64.2 44.6 82.8

132 101.3 70.1 130.1

130 106.1 73.3 136.1

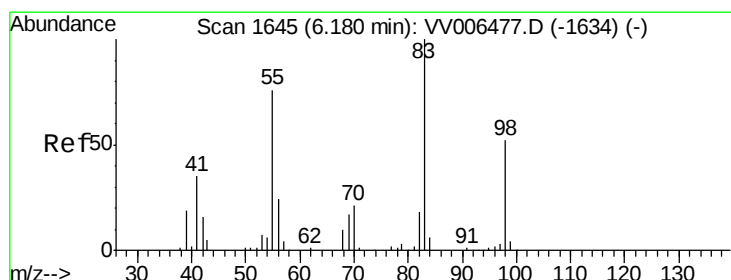
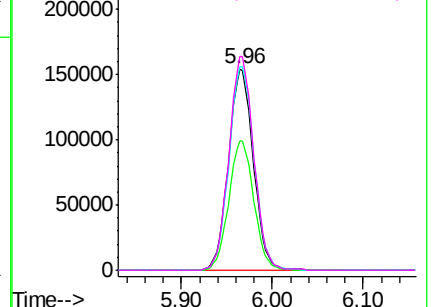
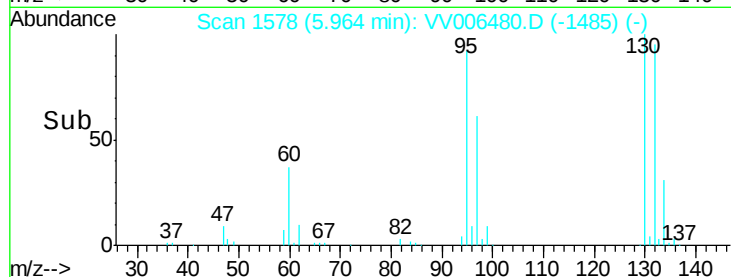


Abundance Ion 95.00 (94.70 to 95.70): VV006480.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV006480.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV006480.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV006480.D (-1485) (-)



#35

Methylcyclohexane

Concen: 0.801 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006480.D

Acq: 27 Jun 2018 13:16

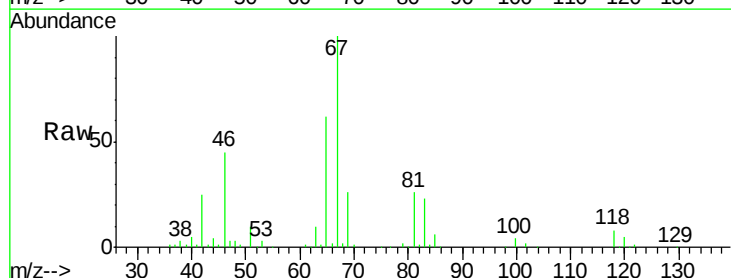
Tgt Ion: 83 Resp: 28520

Ion Ratio Lower Upper

83 100

55 0.5 57.5 86.3#

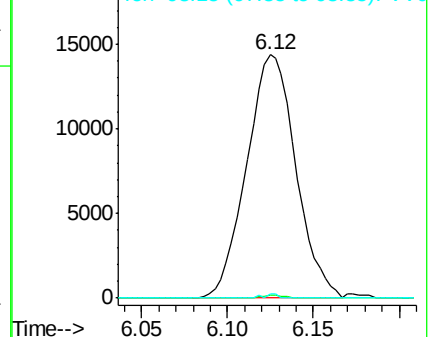
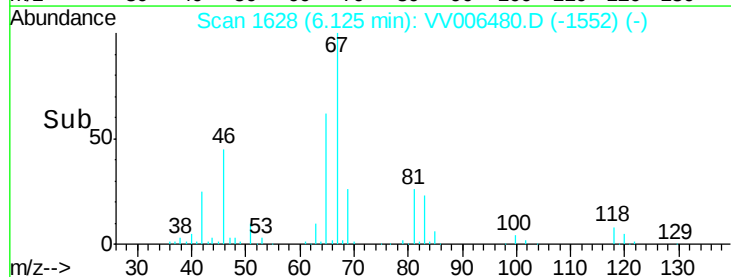
98 0.0 39.6 59.4#

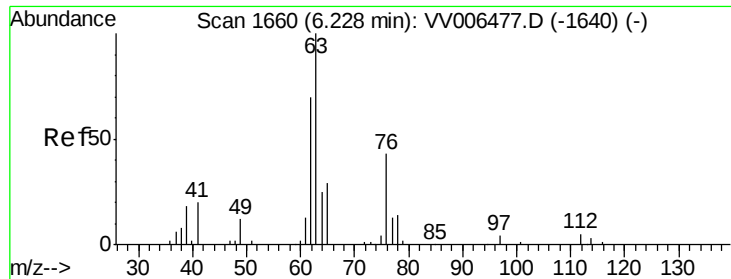


Abundance Ion 83.15 (82.85 to 83.85): VV006480.D (-1552) (-)

Ion 55.10 (54.80 to 55.80): VV006480.D (-1552) (-)

Ion 98.15 (97.85 to 98.85): VV006480.D (-1552) (-)

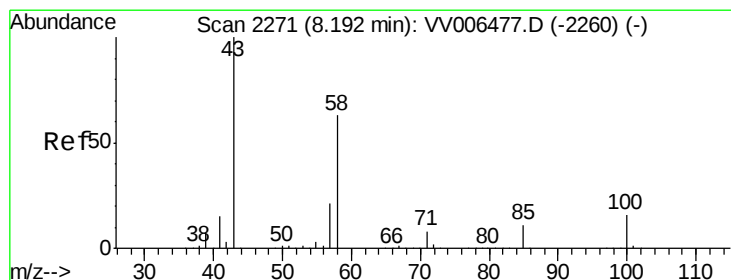
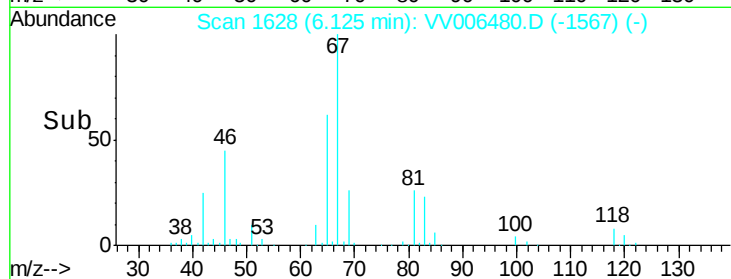
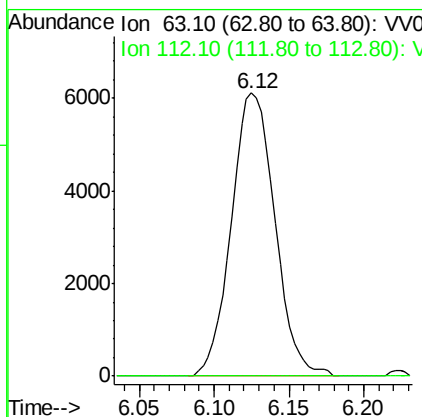
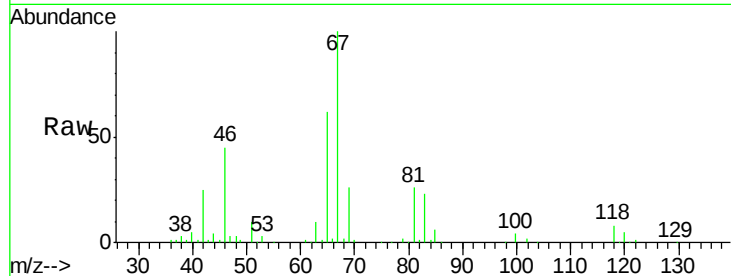




#37
 1,2-Dichloropropane
 Concen: 0.593 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006480.D
 Acq: 27 Jun 2018 13:16

Instrument :
 MSVOA_V
 ClientSampleId :
 DAZA5

Tgt Ion: 63 Resp: 12401
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#



#48
 2-Hexanone
 Concen: 2.925 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VV006480.D
 Acq: 27 Jun 2018 13:16

Tgt Ion: 43 Resp: 21417
 Ion Ratio Lower Upper
 43 100
 58 43.3 49.9 74.9#
 57 14.9 17.3 25.9#
 100 8.1 12.5 18.7#

