

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062618\
 Data File : VV006470.D
 Acq On : 26 Jun 2018 16:35
 Operator : SY/MD
 Sample : J3673-09
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DAZA4

Quant Time: Jun 27 02:24:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 27 02:22:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	312566	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	282915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	124151	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85213	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	67971	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.13	63	119893	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.96	46	186130	48.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.66%
24) Chloroform-d	4.41	84	153902	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.09	65	76955	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.11	84	336299	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.12	67	101187	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.37	98	302876	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.67	79	29969	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.14	63	144023	44.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	59863	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	109391	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

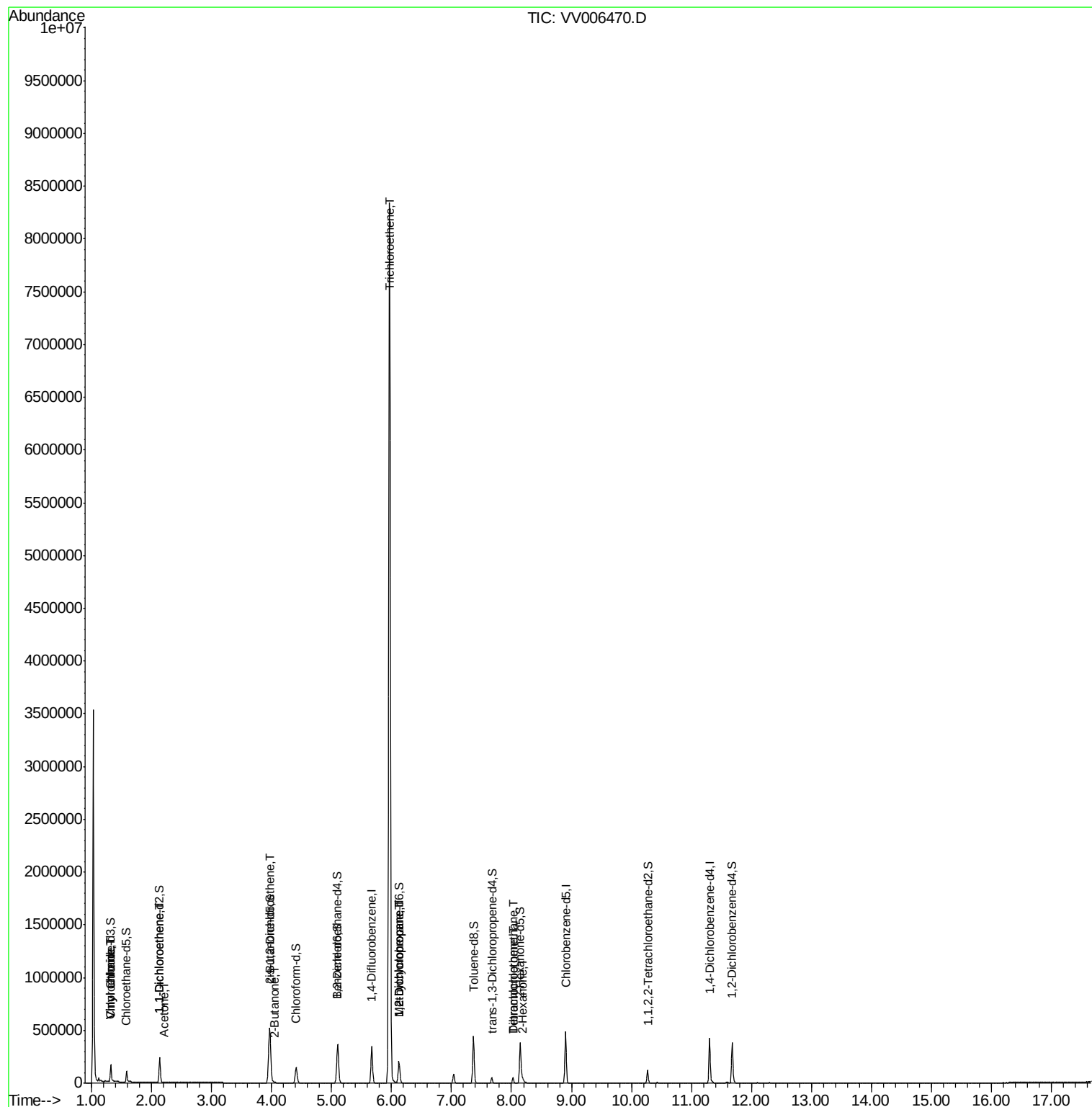
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.32	62	25953	1.017	ug/L	90
8) Chloroethane	1.32	64	10030	0.620	ug/L #	77
12) 1,1-Dichloroethene	2.15	96	7447	0.394	ug/L #	1
13) Acetone	2.21	43	5152	2.183	ug/L	94
21) 2-Butanone	4.05	43	938	0.220	ug/L #	44
22) cis-1,2-Dichloroethene	3.97	96	254800	11.197	ug/L	99
34) Trichloroethene	5.97	95	2884255	120.672	ug/L	99
35) Methylcyclohexane	6.13	83	24621	0.708	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	10277	0.503	ug/L #	85
47) Tetrachloroethene	8.03	164	11999	0.664	ug/L	97
48) 2-Hexanone	8.19	43	16962	2.373	ug/L #	80
49) Dibromochloromethane	8.03	129	10555	0.702	ug/L #	11

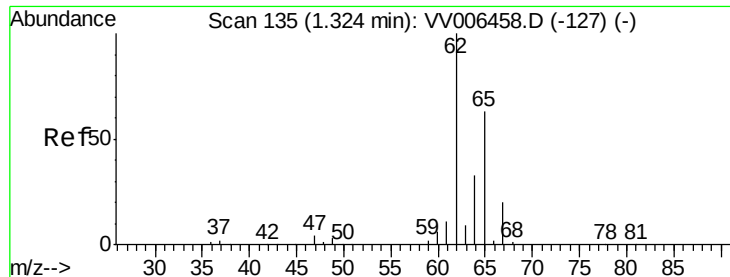
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.017 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006470.D

Acq: 26 Jun 2018 16:35

Instrument :

MSVOA_V

ClientSampleId :

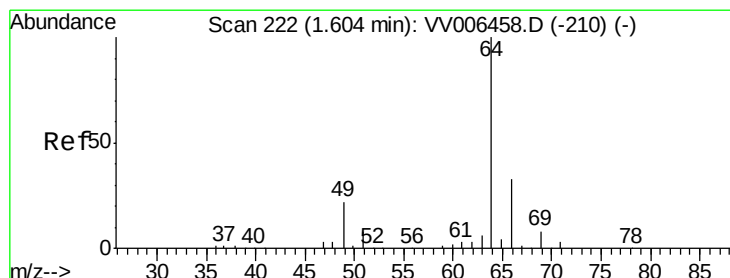
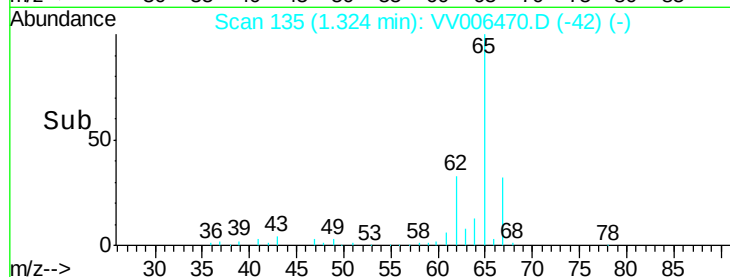
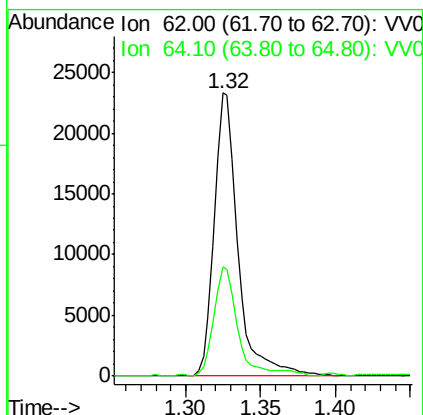
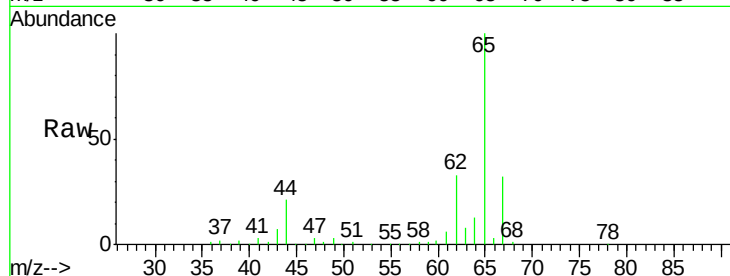
DAZA4

Tgt Ion: 62 Resp: 25953

Ion Ratio Lower Upper

62 100

64 38.4 23.1 42.9



#8

Chloroethane

Concen: 0.620 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.28 min

Lab File: VV006470.D

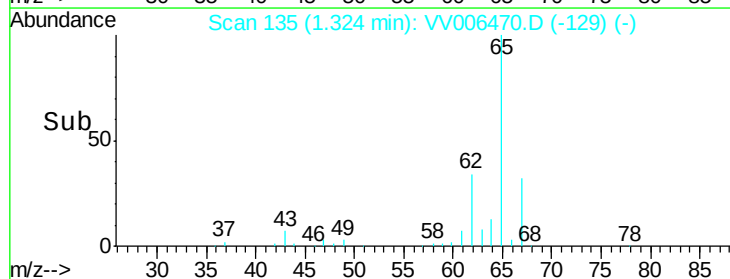
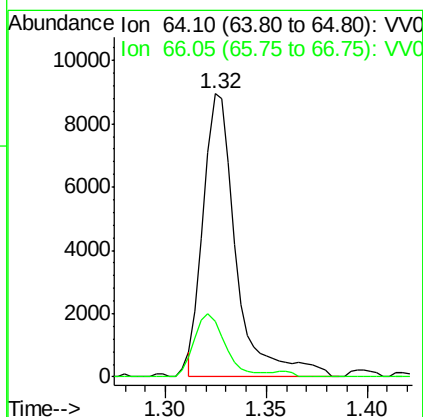
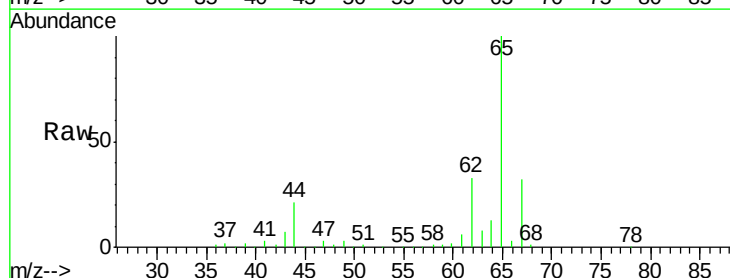
Acq: 26 Jun 2018 16:35

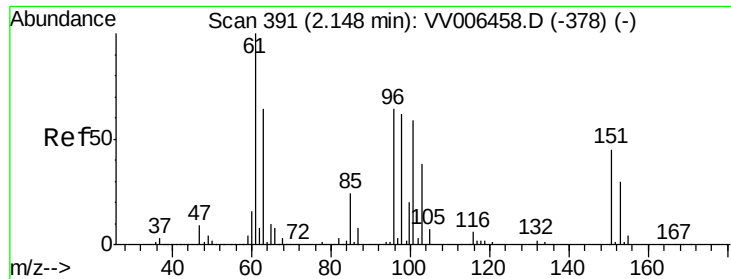
Tgt Ion: 64 Resp: 10030

Ion Ratio Lower Upper

64 100

66 19.7 22.8 42.4#

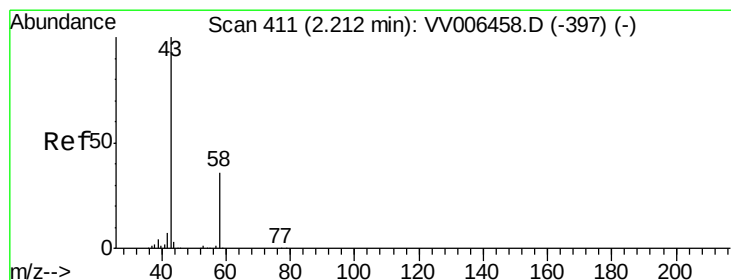
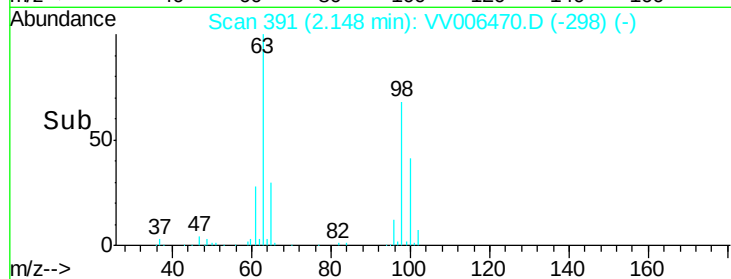
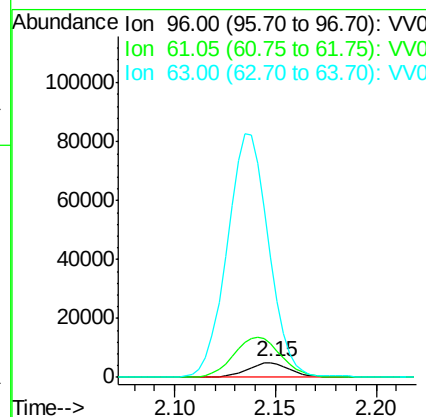
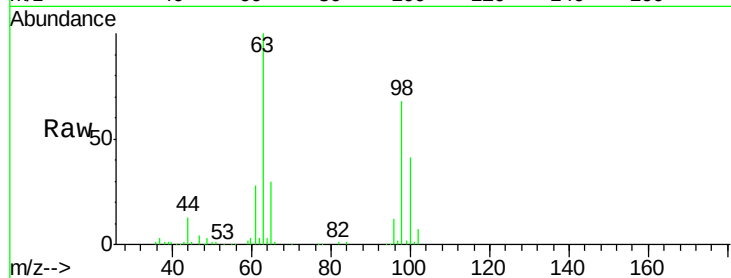




#12
 1,1-Dichloroethene
 Concen: 0.394 ug/L
 RT: 2.15 min Scan# 391
 Delta R.T. 0.00 min
 Lab File: VV006470.D
 Acq: 26 Jun 2018 16:35

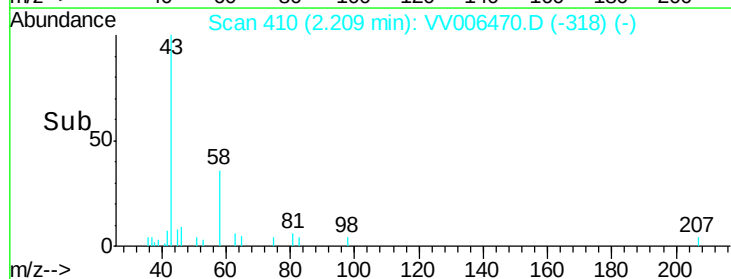
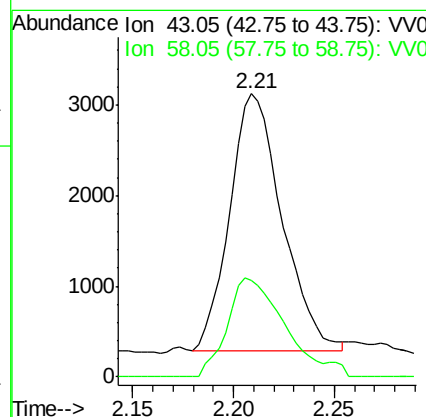
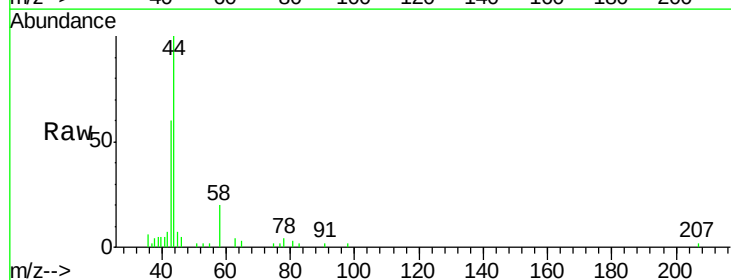
Instrument :
 MSVOA_V
 ClientSampleId :
 DAZA4

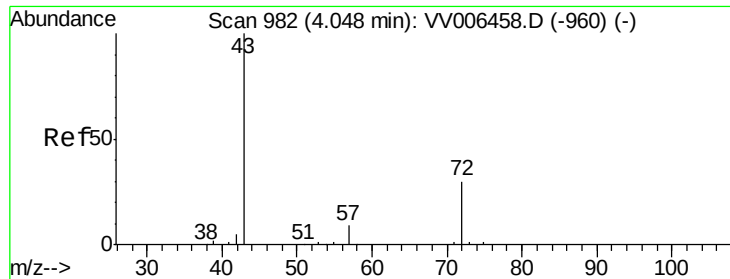
Tgt Ion: 96 Resp: 7447
 Ion Ratio Lower Upper
 96 100
 61 227.0 111.4 207.0#
 63 811.4 87.4 162.2#



#13
 Acetone
 Concen: 2.183 ug/L
 RT: 2.21 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VV006470.D
 Acq: 26 Jun 2018 16:35

Tgt Ion: 43 Resp: 5152
 Ion Ratio Lower Upper
 43 100
 58 42.4 0.0 77.4





#21

2-Butanone

Concen: 0.220 ug/L

RT: 4.05 min Scan# 984

Delta R.T. 0.01 min

Lab File: VV006470.D

Acq: 26 Jun 2018 16:35

Instrument :

MSVOA_V

ClientSampled :

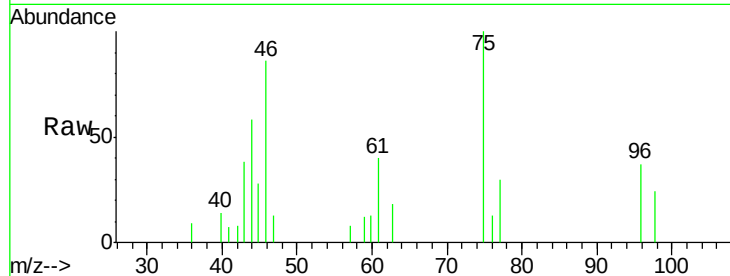
DAZA4

Tgt Ion: 43 Resp: 938

Ion Ratio Lower Upper

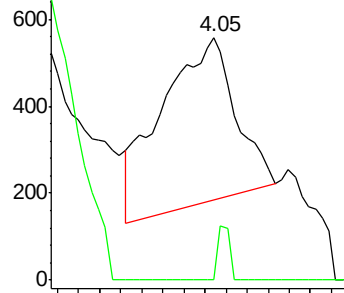
43 100

72 0.0 15.4 46.1#

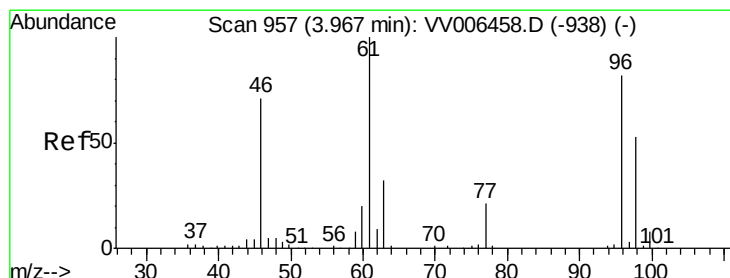
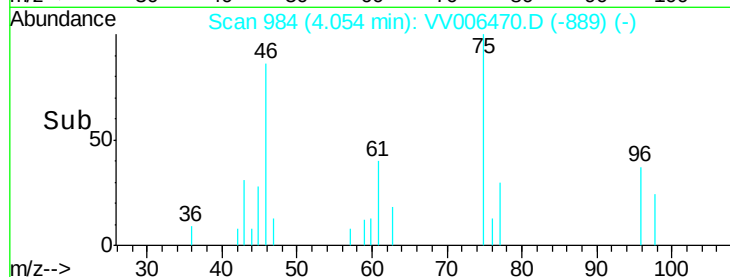


Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



Time-->



#22

cis-1,2-Dichloroethene

Concen: 11.197 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV006470.D

Acq: 26 Jun 2018 16:35

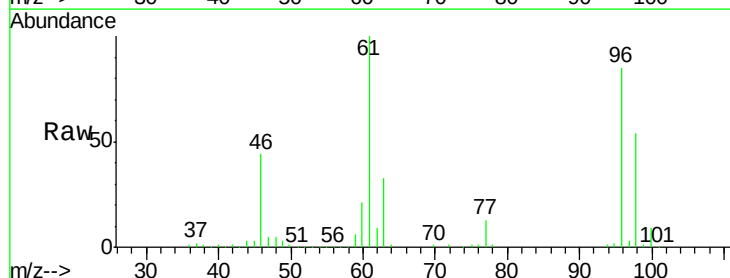
Tgt Ion: 96 Resp: 254800

Ion Ratio Lower Upper

96 100

61 118.1 81.8 151.8

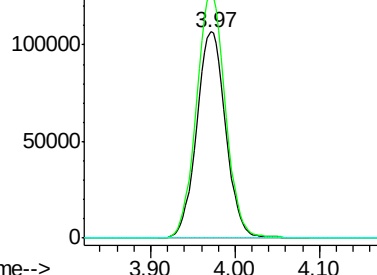
68 0.0 0.0 0.0



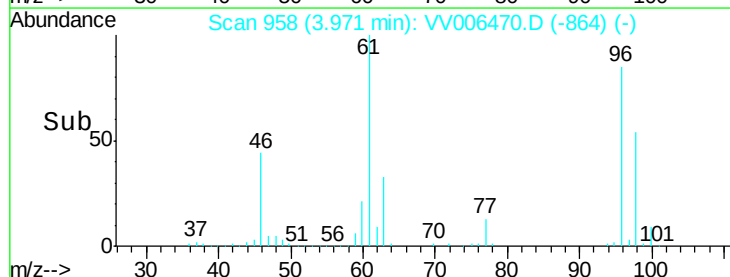
Abundance Ion 96.00 (95.70 to 96.70): VV0

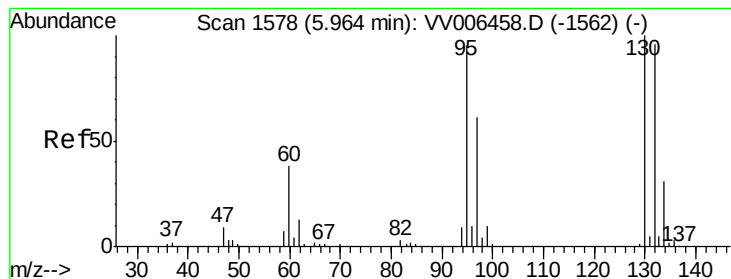
Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



Time-->





#34

Trichloroethene

Concen: 120.672 ug/L

RT: 5.97 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VV006470.D

Acq: 26 Jun 2018 16:35

Instrument :

MSVOA_V

ClientSampleId :

DAZA4

Tgt Ion: 95 Resp: 2884255

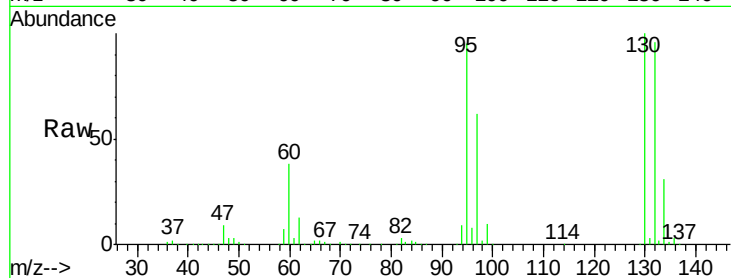
Ion Ratio Lower Upper

95 100

97 65.1 44.6 82.8

132 100.7 70.1 130.1

130 105.0 73.3 136.1

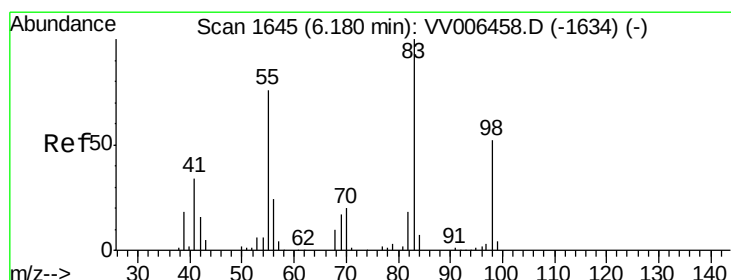
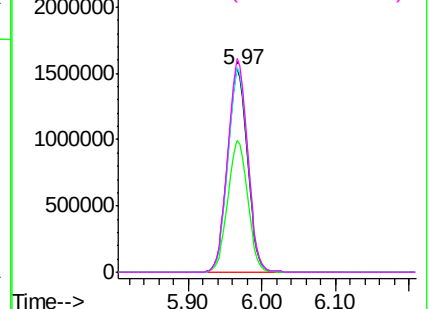
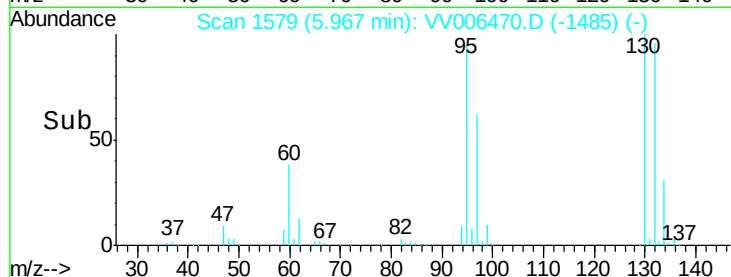


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.708 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.05 min

Lab File: VV006470.D

Acq: 26 Jun 2018 16:35

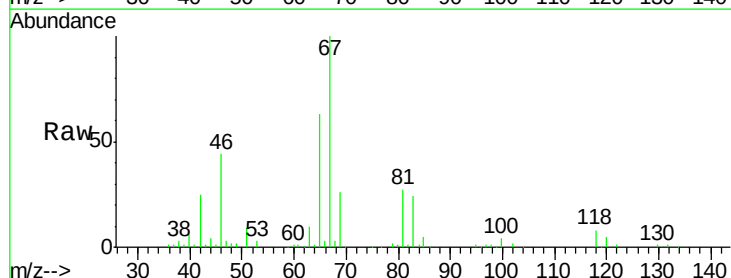
Tgt Ion: 83 Resp: 24621

Ion Ratio Lower Upper

83 100

55 0.5 57.5 86.3#

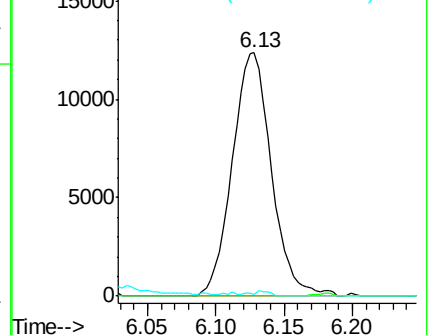
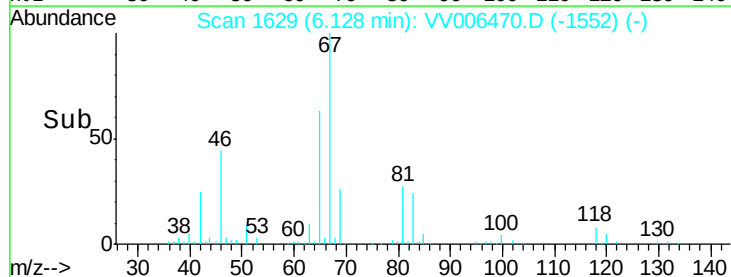
98 0.0 39.6 59.4#

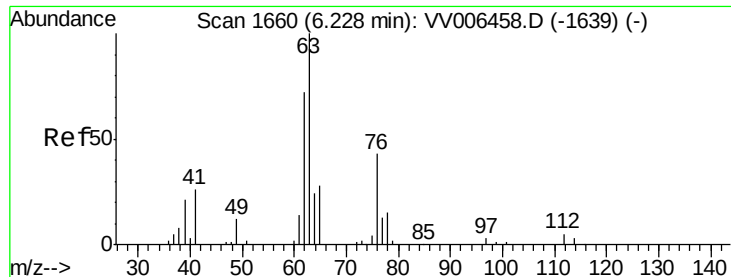


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

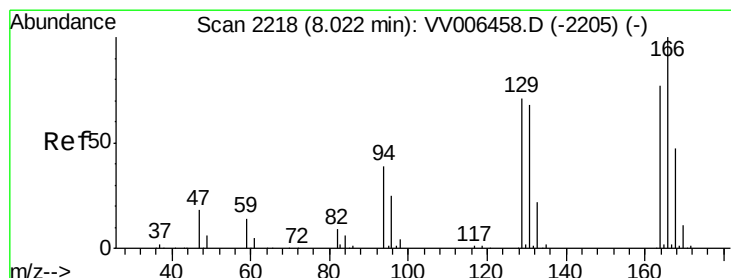
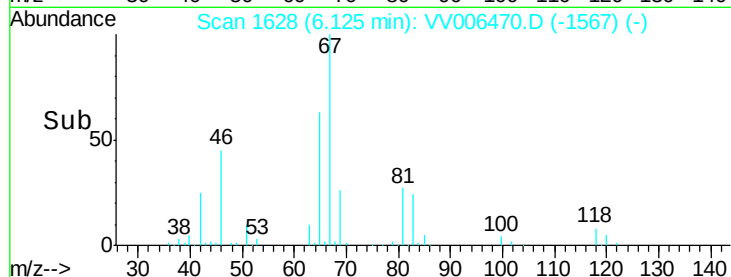
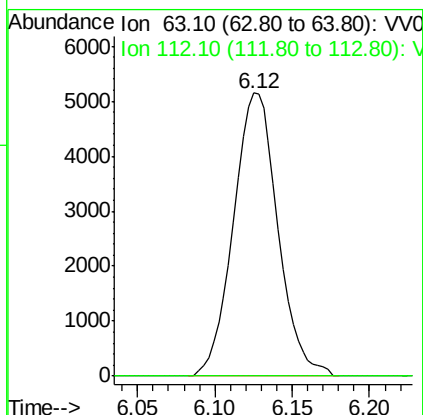
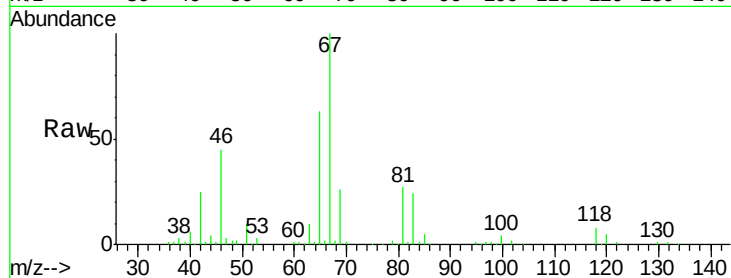




#37
 1,2-Dichloropropane
 Concen: 0.503 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006470.D
 Acq: 26 Jun 2018 16:35

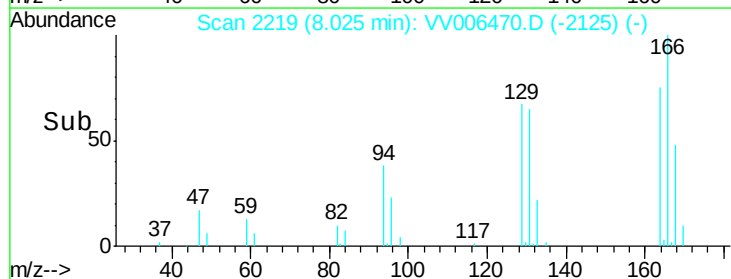
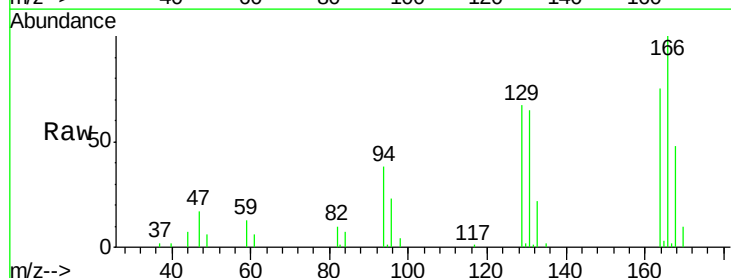
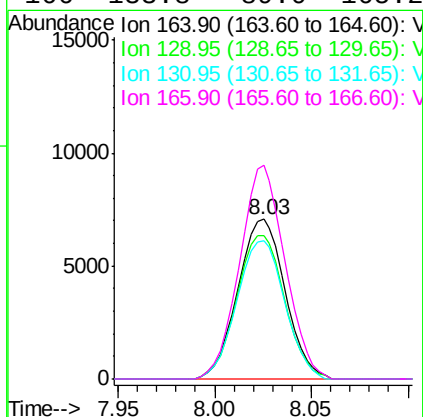
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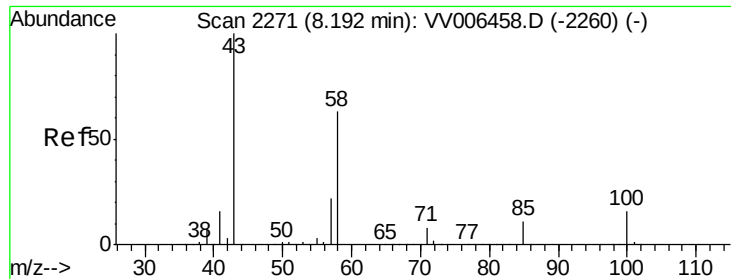
Tgt Ion: 63 Resp: 10277
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#



#47
 Tetrachloroethene
 Concen: 0.664 ug/L
 RT: 8.03 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VV006470.D
 Acq: 26 Jun 2018 16:35

Tgt Ion: 164 Resp: 11999
 Ion Ratio Lower Upper
 164 100
 129 90.1 64.0 118.8
 131 87.0 61.7 114.5
 166 133.8 89.0 165.2

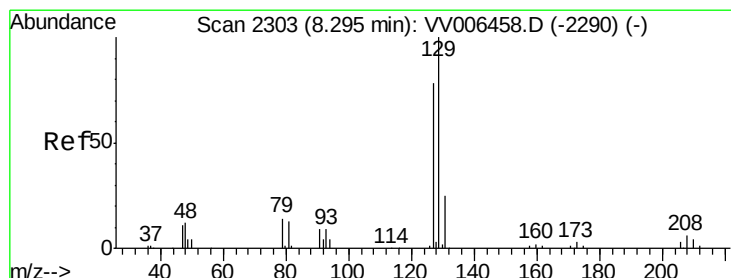
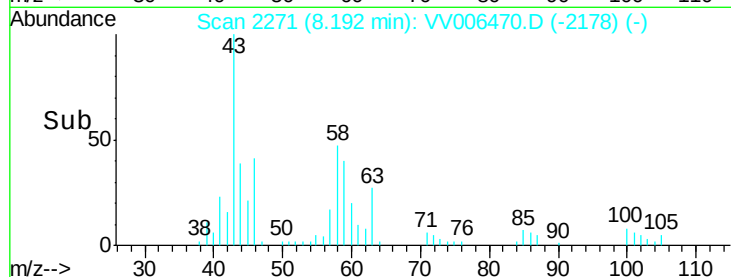
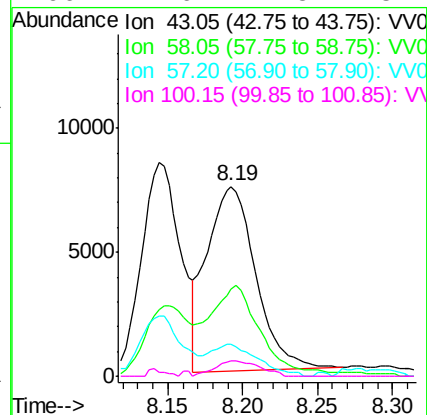
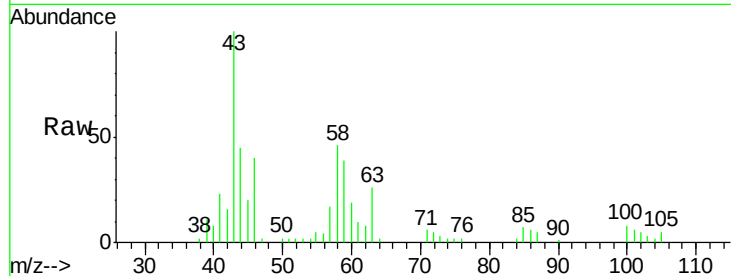




#48
2-Hexanone
Concen: 2.373 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006470.D
Acq: 26 Jun 2018 16:35

Instrument :
MSVOA_V
ClientSampleId :
DAZA4

Tgt Ion: 43 Resp: 16962
Ion Ratio Lower Upper
43 100
58 44.0 49.9 74.9#
57 16.5 17.3 25.9#
100 7.6 12.5 18.7#



#49
Dibromochloromethane
Concen: 0.702 ug/L
RT: 8.03 min Scan# 2219
Delta R.T. -0.27 min
Lab File: VV006470.D
Acq: 26 Jun 2018 16:35

Tgt Ion: 129 Resp: 10555
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.2#

