

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
 Data File : VV006632.D
 Acq On : 18 Jul 2018 16:42
 Operator : SY/MD
 Sample : J3983-09
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB176

Quant Time: Jul 19 02:40:17 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	262414	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	245392	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	114573	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97801	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.58	69	79798	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.13	63	123623	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	3.95	46	174983	49.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.62%
24) Chloroform-d	4.41	84	159201	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	5.09	65	76420	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
32) Benzene-d6	5.10	84	334139	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
36) 1,2-Dichloropropane-d6	6.12	67	108138	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.36	98	293138	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloropropene-	7.67	79	30291	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	8.14	63	165163	33.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.30%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74893	3.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	111043	4.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.60%

Target Compounds

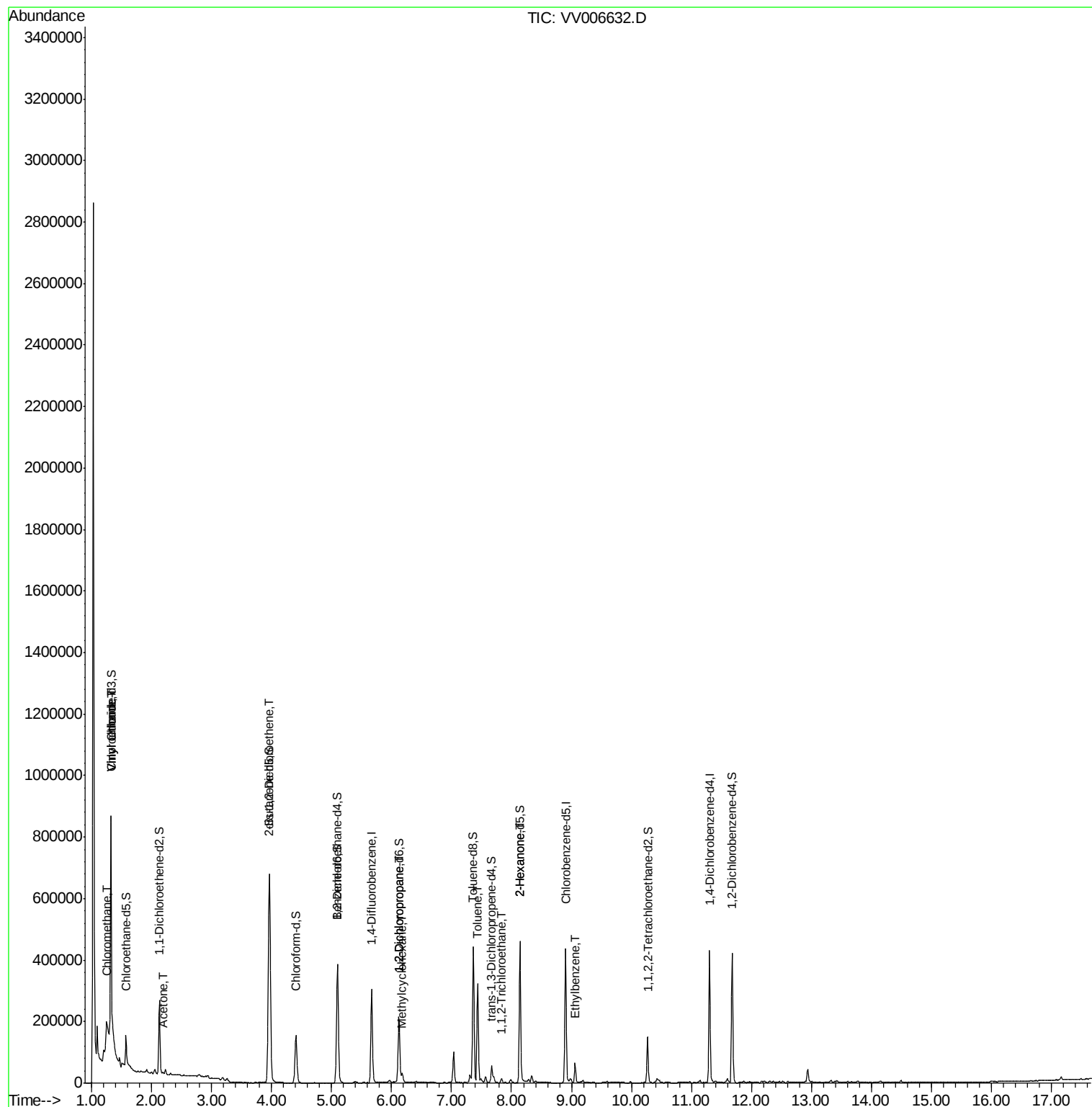
					Qvalue
3) Chloromethane	1.26	50	6293	0.213 ug/L #	56
5) Vinyl chloride	1.32	62	482373	15.297 ug/L	84
8) Chloroethane	1.32	64	329193	18.588 ug/L #	46
13) Acetone	2.19	43	2794	0.797 ug/L	82
22) cis-1,2-Dichloroethene	3.97	96	339526	14.007 ug/L	99
35) Methylcyclohexane	6.18	83	11124	0.309 ug/L	96
37) 1,2-Dichloropropane	6.12	63	10698	0.457 ug/L #	86
42) Toluene	7.44	91	233962	2.474 ug/L	99
45) 1,1,2-Trichloroethane	7.84	97	4831	0.294 ug/L #	19
48) 2-Hexanone	8.14	43	17478	1.817 ug/L #	64
52) Ethylbenzene	9.06	91	43593	0.436 ug/L	100

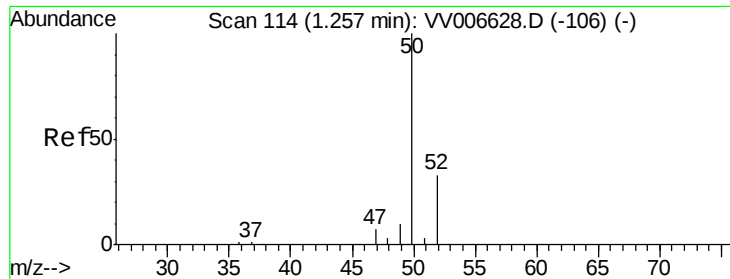
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.213 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.00 min

Lab File: VV006632.D

Acq: 18 Jul 2018 16:42

Instrument :

MSVOA_V

ClientSampleId :

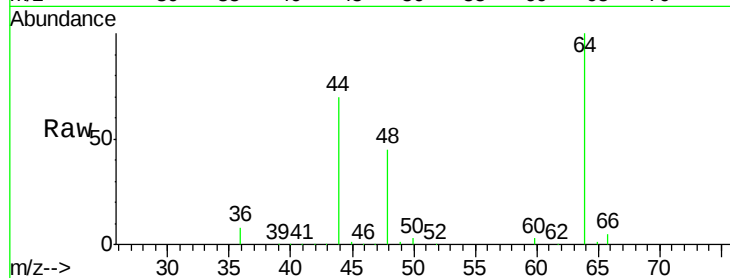
DB176

Tgt Ion: 50 Resp: 6293

Ion Ratio Lower Upper

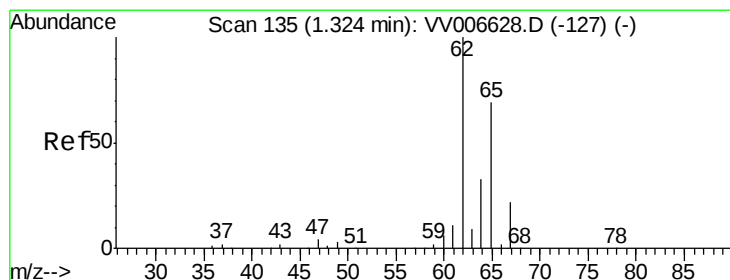
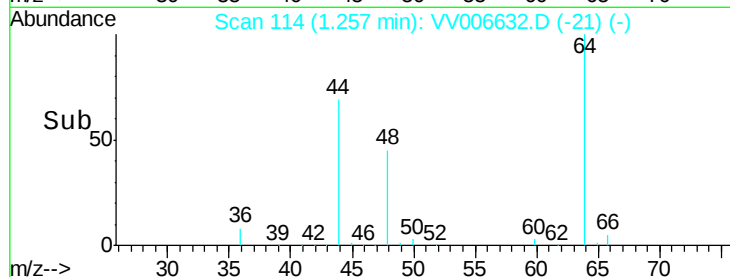
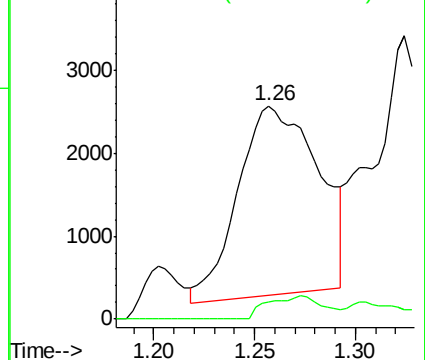
50 100

52 7.9 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: 15.297 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006632.D

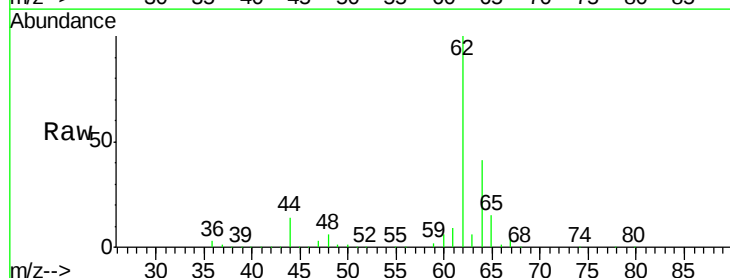
Acq: 18 Jul 2018 16:42

Tgt Ion: 62 Resp: 482373

Ion Ratio Lower Upper

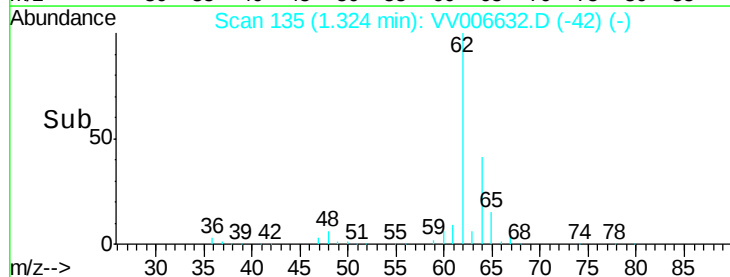
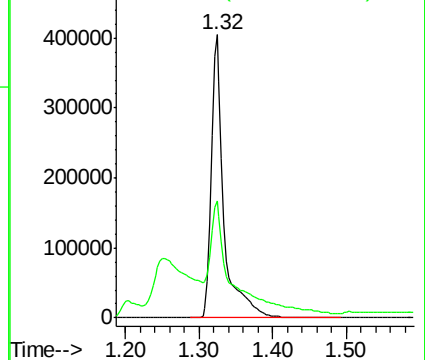
62 100

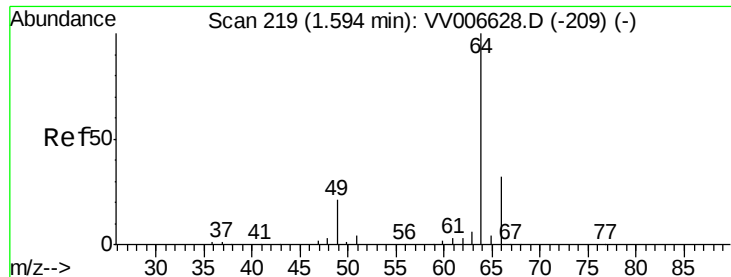
64 41.4 22.6 42.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#8

Chloroethane

Concen: 18.588 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.27 min

Lab File: VV006632.D

Acq: 18 Jul 2018 16:42

Instrument :

MSVOA_V

ClientSampleId :

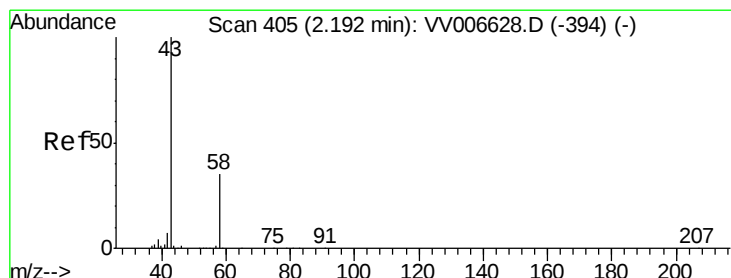
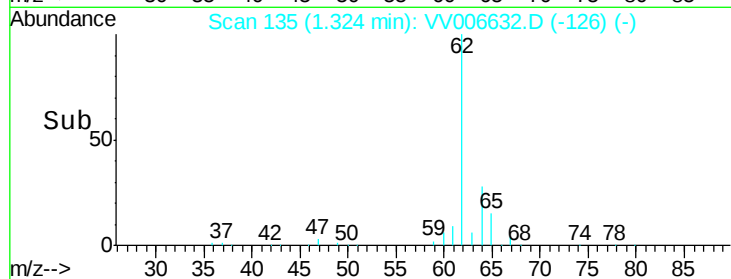
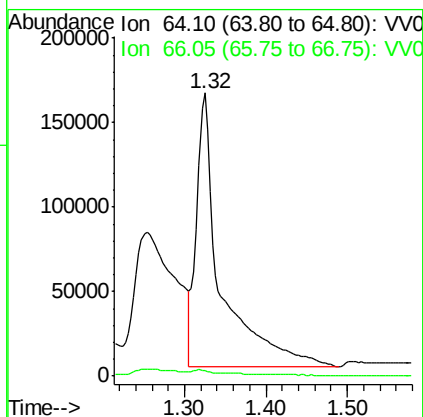
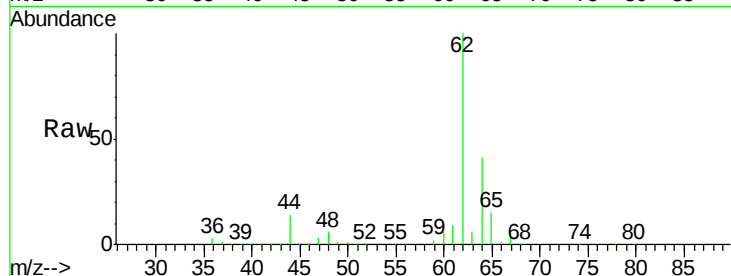
DB176

Tgt Ion: 64 Resp: 329193

Ion Ratio Lower Upper

64 100

66 1.9 22.5 41.9#



#13

Acetone

Concen: 0.797 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006632.D

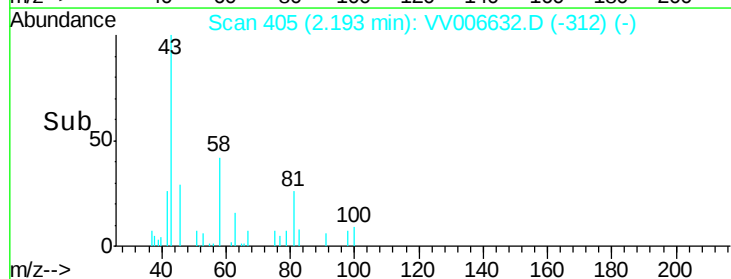
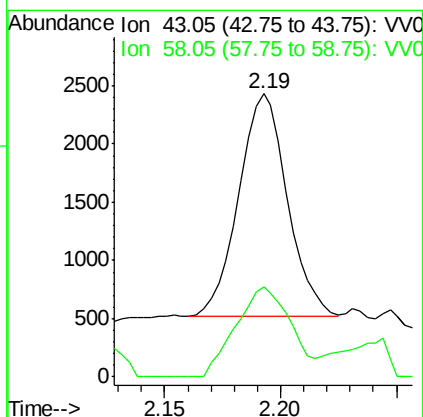
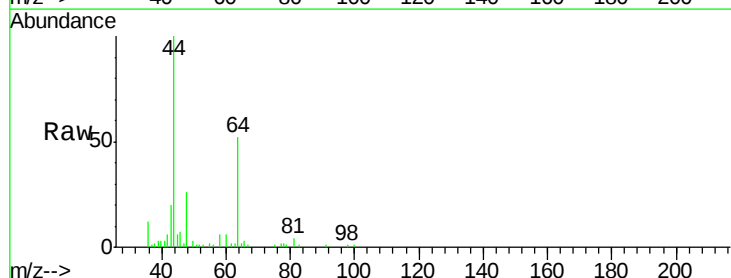
Acq: 18 Jul 2018 16:42

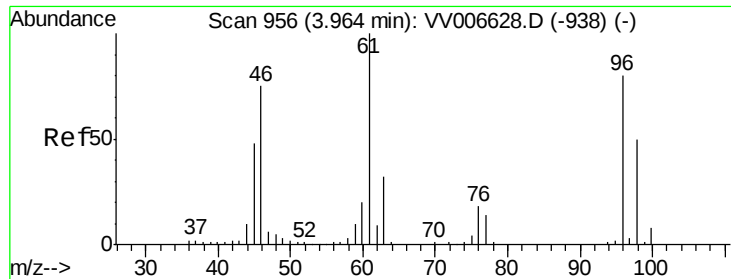
Tgt Ion: 43 Resp: 2794

Ion Ratio Lower Upper

43 100

58 45.6 0.0 70.8

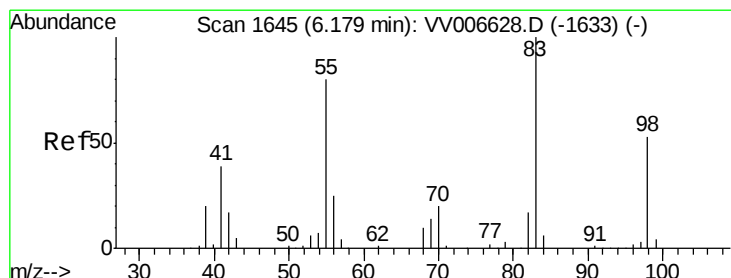
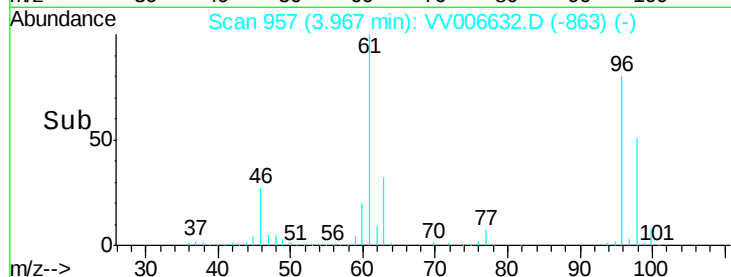
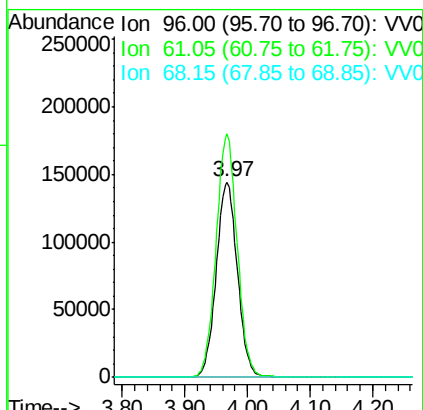
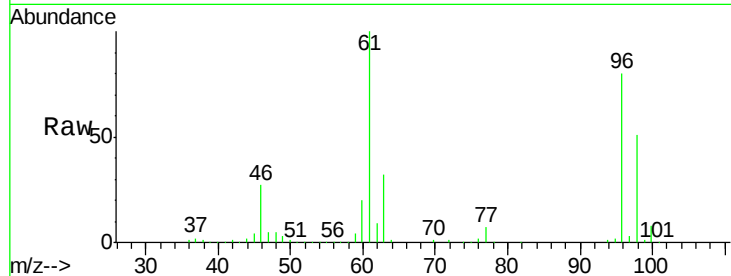




#22
 cis-1,2-Dichloroethene
 Concen: 14.007 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV006632.D
 Acq: 18 Jul 2018 16:42

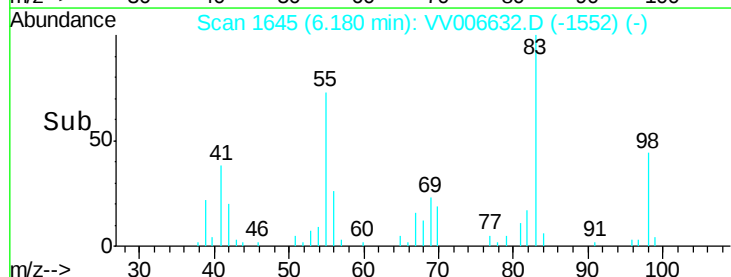
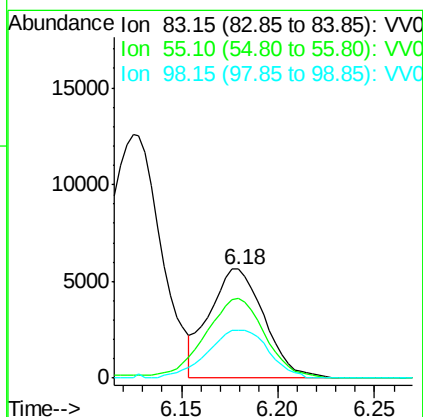
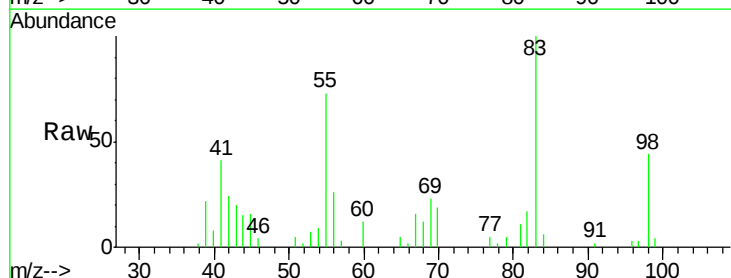
Instrument :
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 DB176

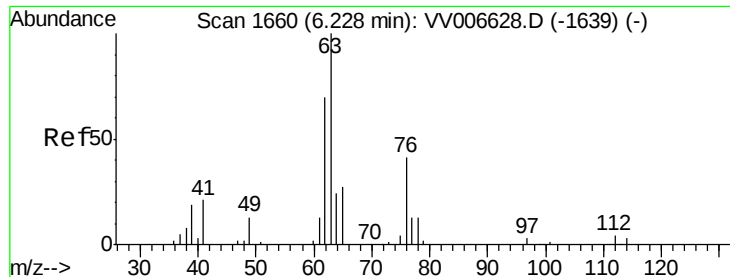
Tgt Ion: 96 Resp: 339526
 Ion Ratio Lower Upper
 96 100
 61 124.5 86.2 160.2
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 0.309 ug/L
 RT: 6.18 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: VV006632.D
 Acq: 18 Jul 2018 16:42

Tgt Ion: 83 Resp: 11124
 Ion Ratio Lower Upper
 83 100
 55 81.4 60.7 91.1
 98 49.1 39.1 58.7





#37

1,2-Dichloropropane

Concen: 0.457 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006632.D

Acq: 18 Jul 2018 16:42

Instrument :

MSVOA_V

ClientSampleId :

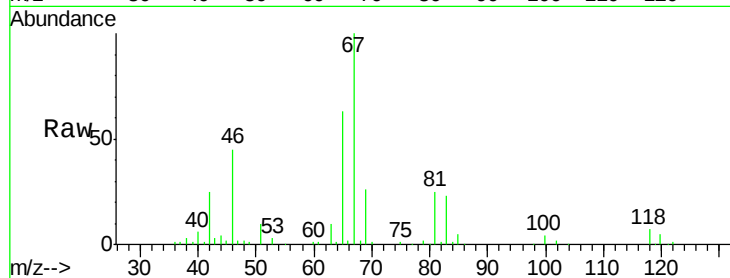
DB176

Tgt Ion: 63 Resp: 10698

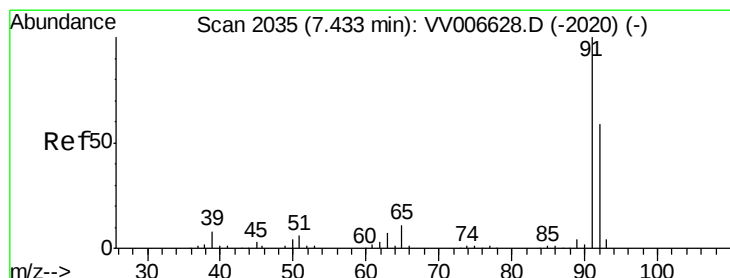
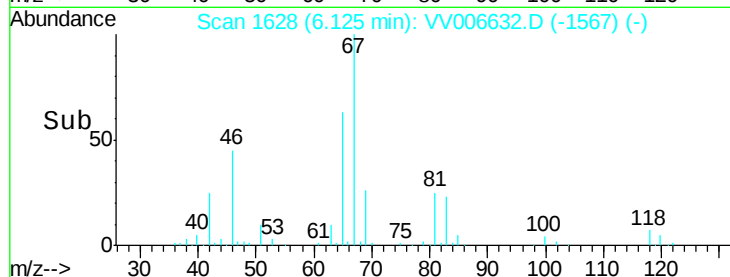
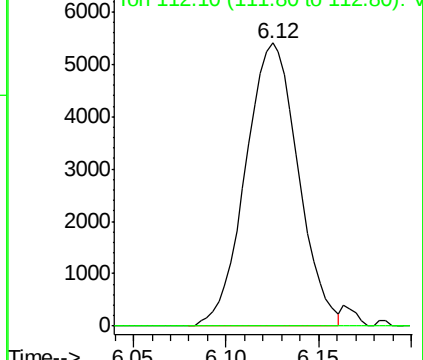
Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV006632.D (-1567) (-)



#42

Toluene

Concen: 2.474 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006632.D

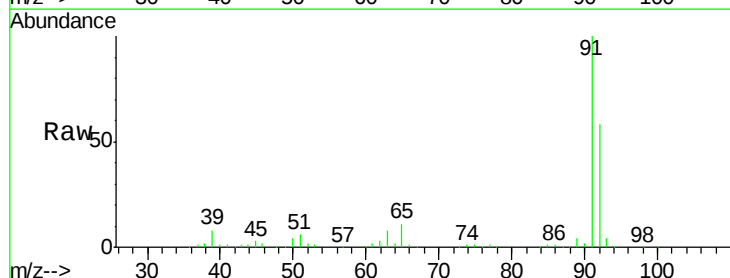
Acq: 18 Jul 2018 16:42

Tgt Ion: 91 Resp: 233962

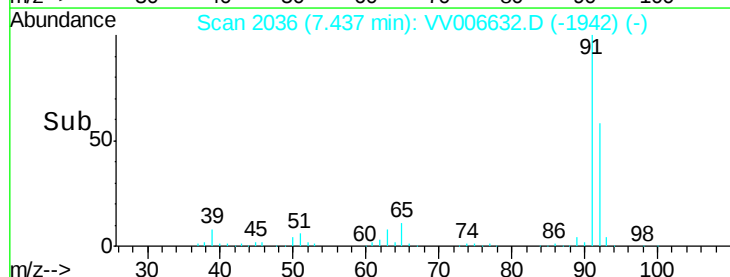
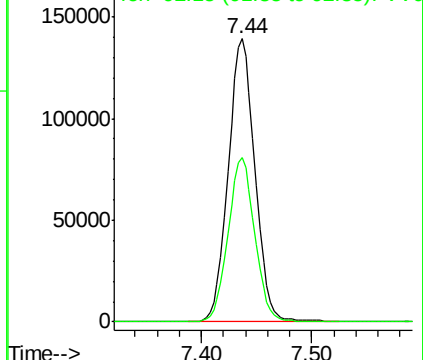
Ion Ratio Lower Upper

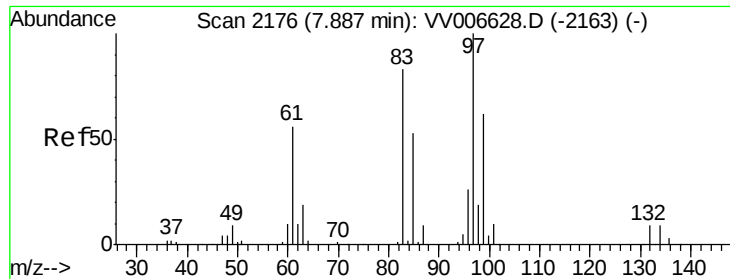
91 100

92 57.9 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV006632.D (-1942) (-)

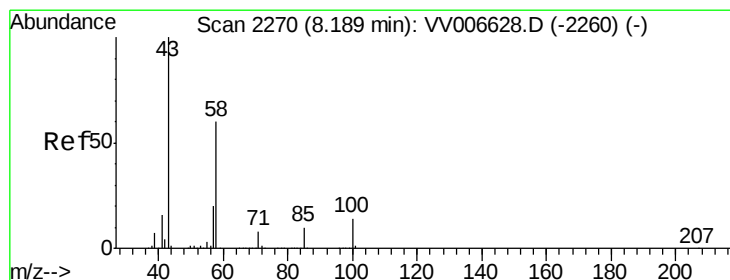
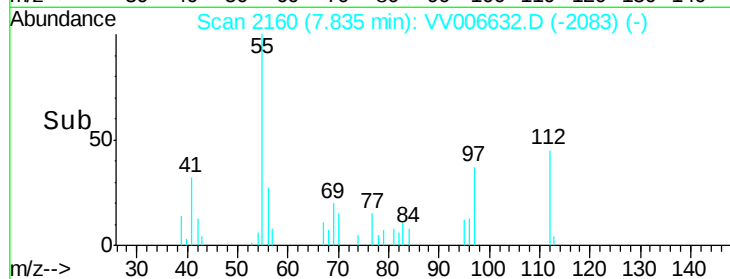
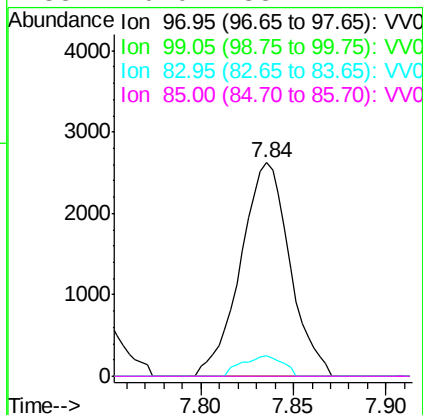
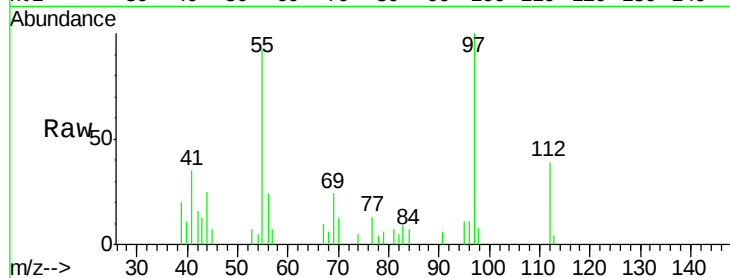




#45
 1,1,2-Trichloroethane
 Concen: 0.294 ug/L
 RT: 7.84 min Scan# 2160
 Delta R.T. -0.05 min
 Lab File: VV006632.D
 Acq: 18 Jul 2018 16:42

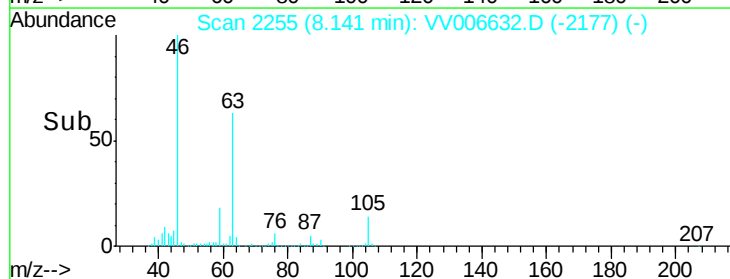
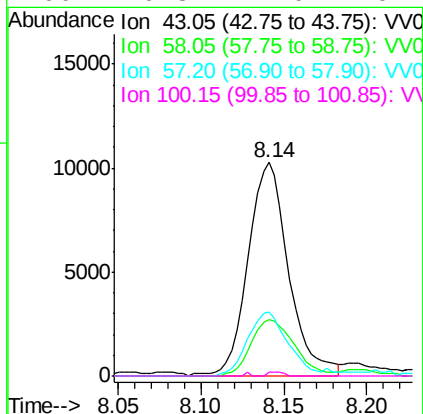
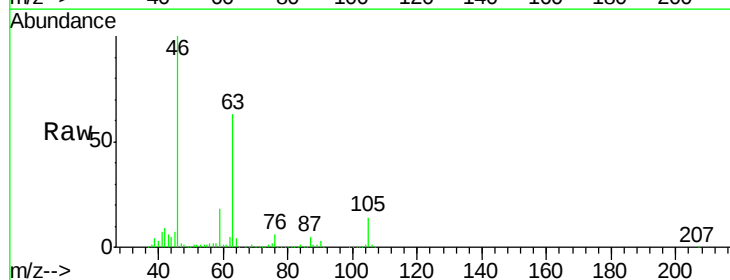
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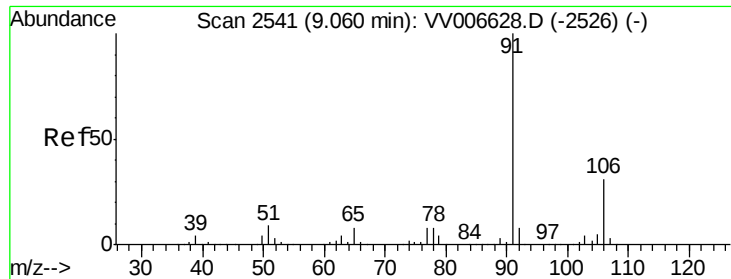
Tgt Ion: 97 Resp: 4831
 Ion Ratio Lower Upper
 97 100
 99 0.0 44.9 83.3#
 83 9.4 61.1 113.5#
 85 0.0 38.4 71.4#



#48
 2-Hexanone
 Concen: 1.817 ug/L
 RT: 8.14 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: VV006632.D
 Acq: 18 Jul 2018 16:42

Tgt Ion: 43 Resp: 17478
 Ion Ratio Lower Upper
 43 100
 58 28.1 48.2 72.4#
 57 29.6 16.2 24.4#
 100 0.8 11.0 16.4#





#52
 Ethylbenzene
 Concen: 0.436 ug/L
 RT: 9.06 min Scan# 2541
 Delta R.T. 0.00 min
 Lab File: VV006632.D
 Acq: 18 Jul 2018 16:42

Instrument :
 MSVOA_V
 ClientSampleId :
 DB176

Tgt Ion: 91 Resp: 43593
 Ion Ratio Lower Upper
 91 100
 106 31.8 22.2 41.2

