

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073118\
 Data File : VV006794.D
 Acq On : 31 Jul 2018 18:59
 Operator : SY/MD
 Sample : J4225-13MS
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWR0MS

Quant Time: Aug 01 02:52:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 01 01:43:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	210111	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	191523	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82698	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43656	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.57	69	42851	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	92663	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	3.95	46	176201	51.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.14%
24) Chloroform-d	4.40	84	104981	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.09	65	54078	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.10	84	208879	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.12	67	72142	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.36	98	169850	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.67	79	22164	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.14	63	136441	49.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.32%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	55476	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	65905	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

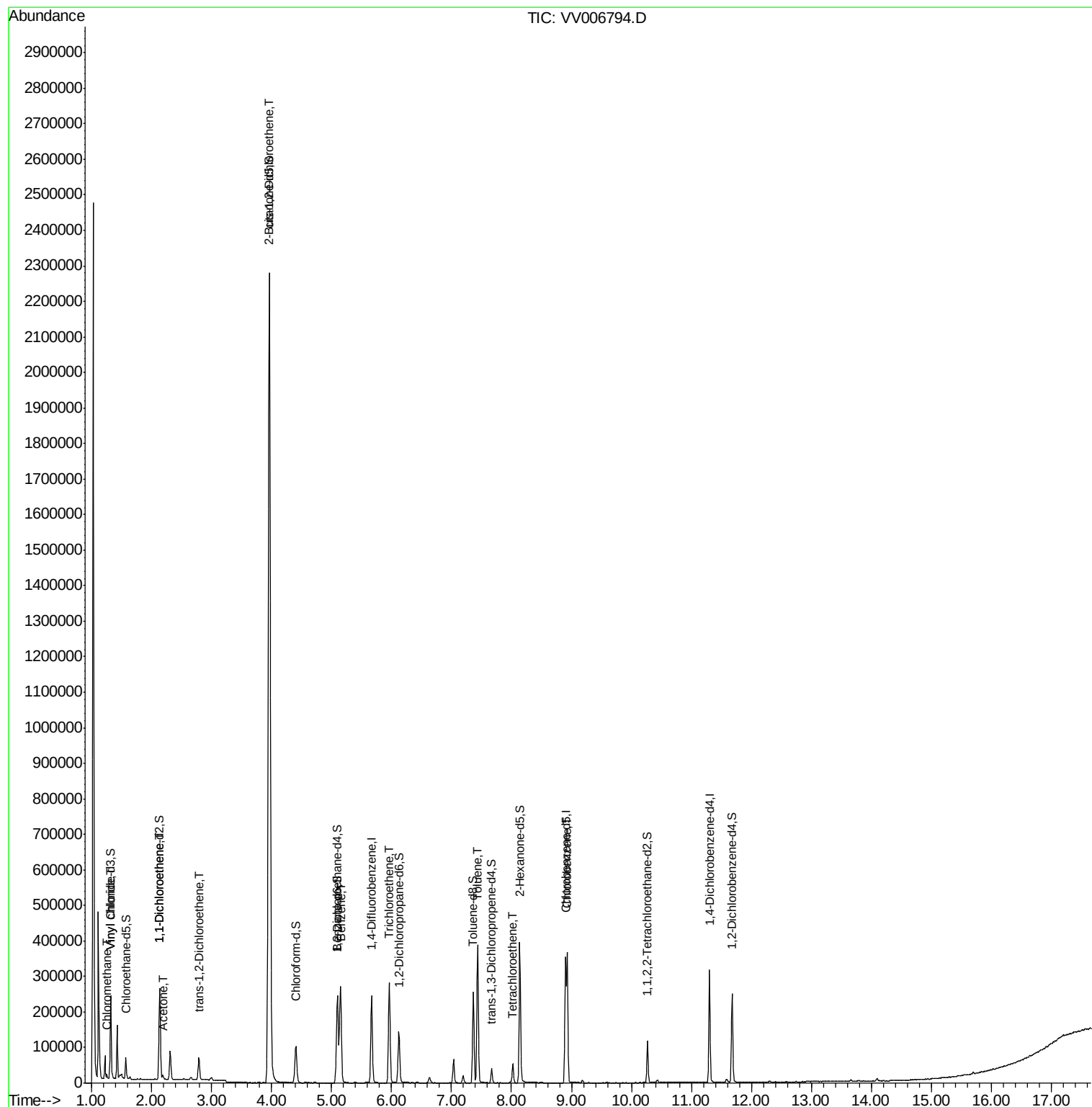
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	9952	0.62	ug/L	92
5) Vinyl chloride	1.32	62	95003	4.72	ug/L	92
12) 1,1-Dichloroethene	2.14	96	56321	4.09	ug/L	97
13) Acetone	2.19	43	9004	4.14	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	23128	1.55	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	1246222	79.94	ug/L	97
33) Benzene	5.15	78	276554	4.80	ug/L	100
34) Trichloroethene	5.96	95	99053	6.81	ug/L	99
42) Toluene	7.44	91	279748	4.72	ug/L	100
47) Tetrachloroethene	8.02	164	12398	1.07	ug/L	98
51) Chlorobenzene	8.93	112	189800	4.92	ug/L	99

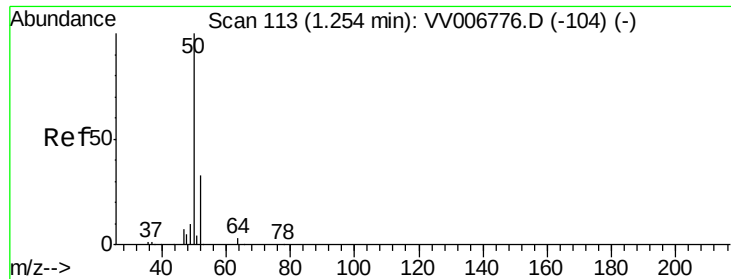
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.62 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV006794.D

Acq: 31 Jul 2018 18:59

Instrument :

MSVOA_V

ClientSampleId :

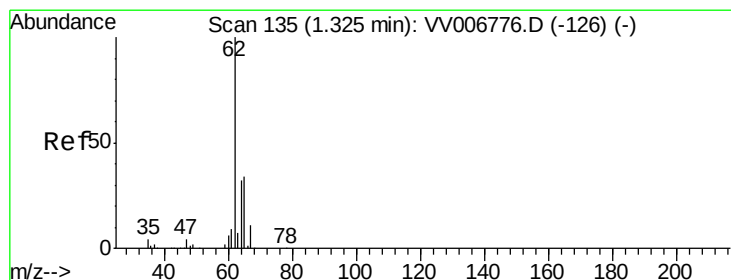
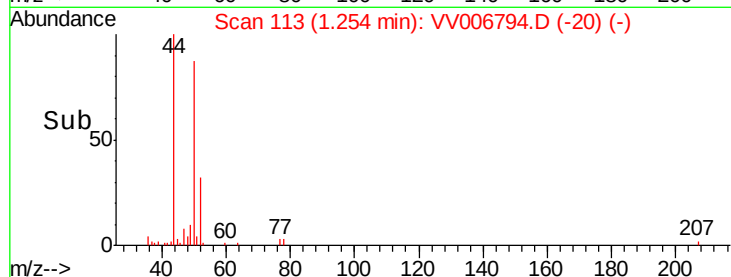
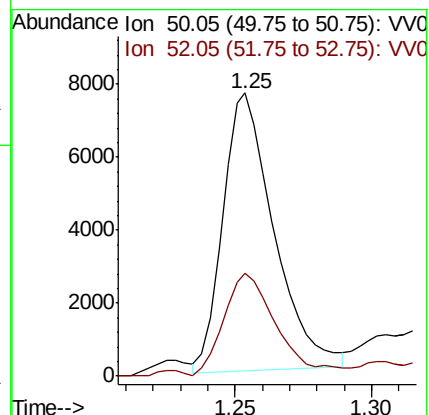
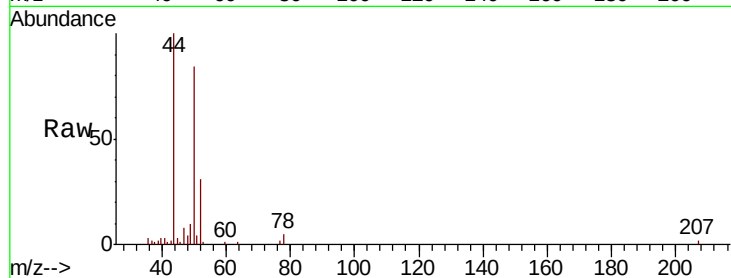
ESWR0MS

Tot Ion: 50 Resp: 9952

Ion Ratio Lower Upper

50 100

52 36.2 22.1 41.1



#5

Vinyl chloride

Concen: 4.72 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006794.D

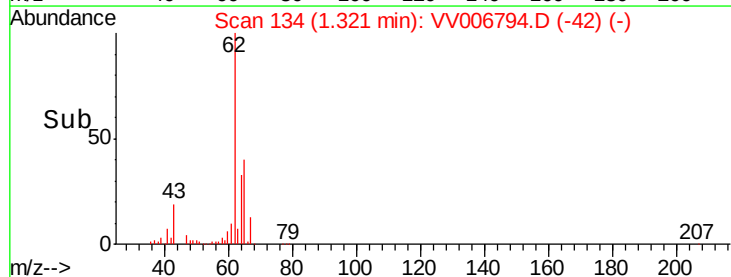
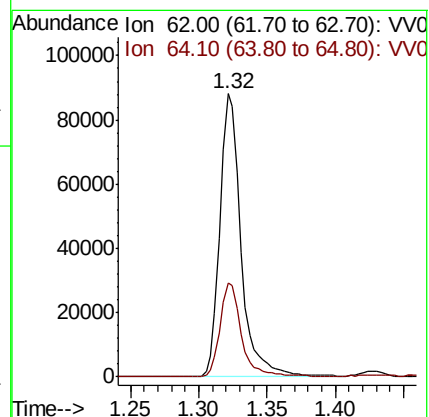
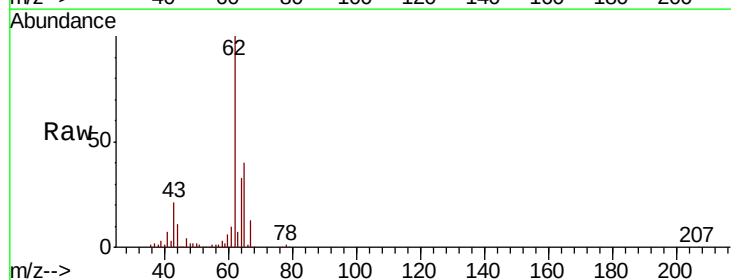
Acq: 31 Jul 2018 18:59

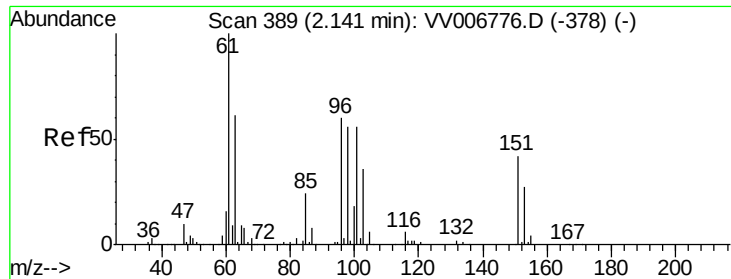
Tgt Ion: 62 Resp: 95003

Ion Ratio Lower Upper

62 100

64 33.4 26.5 49.3

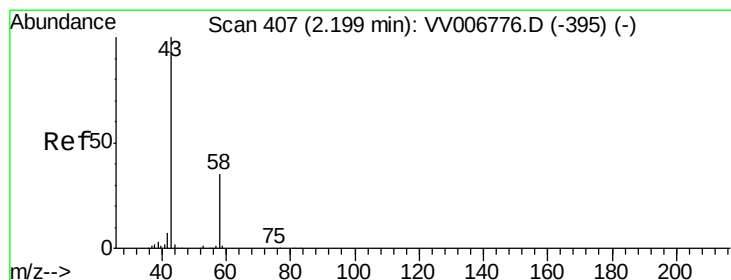
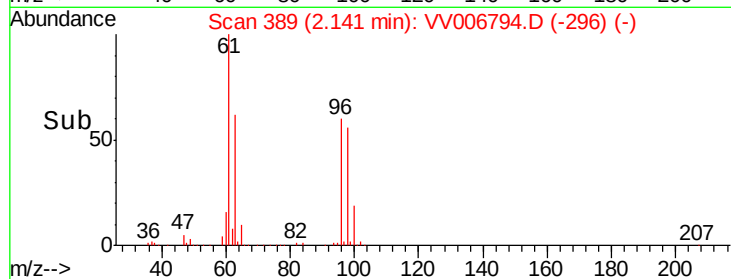
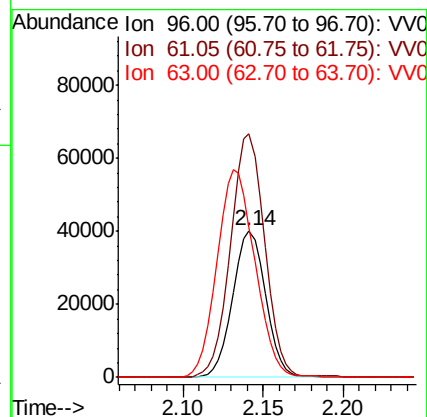
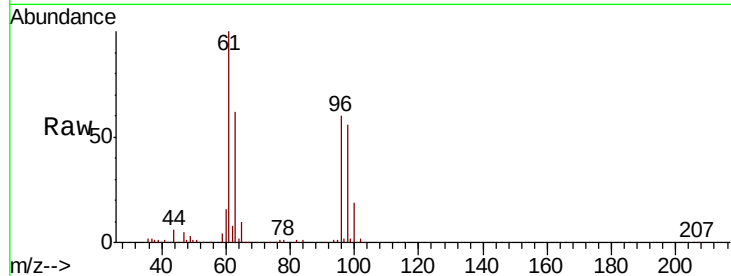




#12
 1,1-Dichloroethene
 Concen: 4.09 ug/L
 RT: 2.14 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VV006794.D
 Acq: 31 Jul 2018 18:59

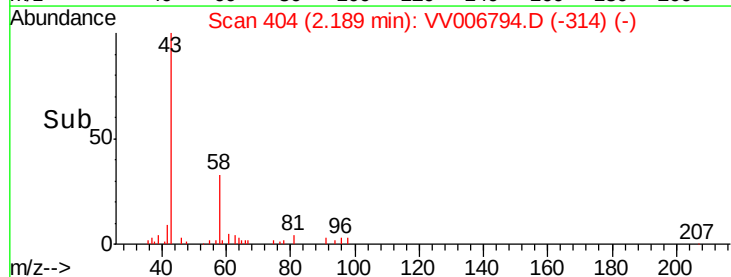
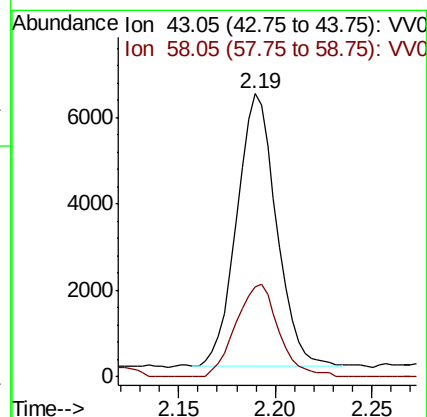
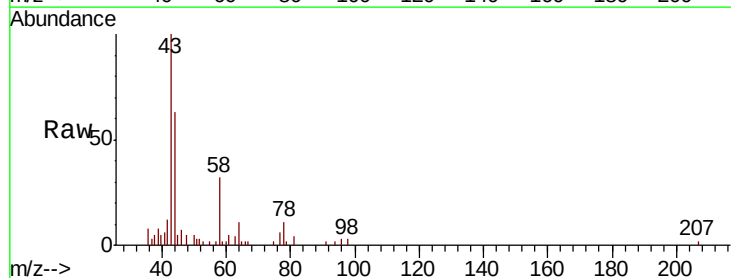
Instrument :
 MSVOA_V
 ClientSampleId :
 ESWR0MS

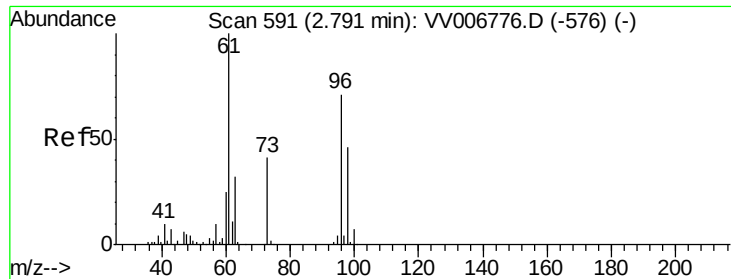
Tot Ion: 96 Resp: 56321
 Ion Ratio Lower Upper
 96 100
 61 166.1 113.5 210.9
 63 102.9 69.5 129.1



#13
 Acetone
 Concen: 4.14 ug/L
 RT: 2.19 min Scan# 404
 Delta R.T. -0.01 min
 Lab File: VV006794.D
 Acq: 31 Jul 2018 18:59

Tgt Ion: 43 Resp: 9004
 Ion Ratio Lower Upper
 43 100
 58 36.8 0.0 71.4

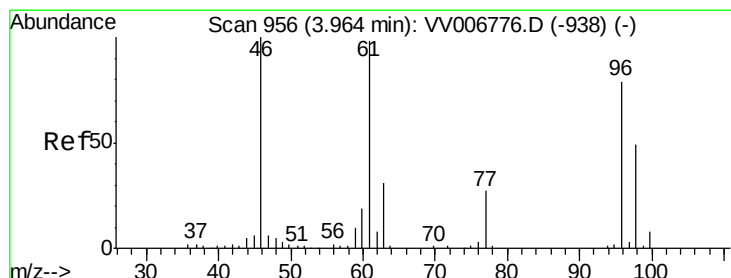
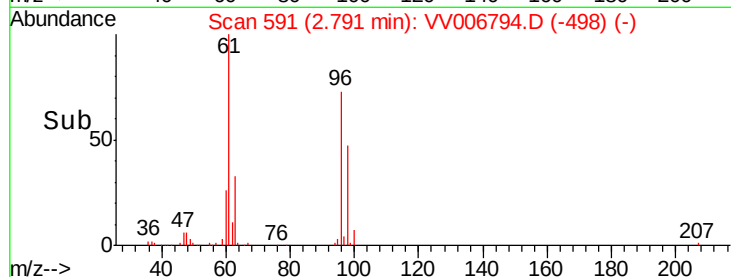
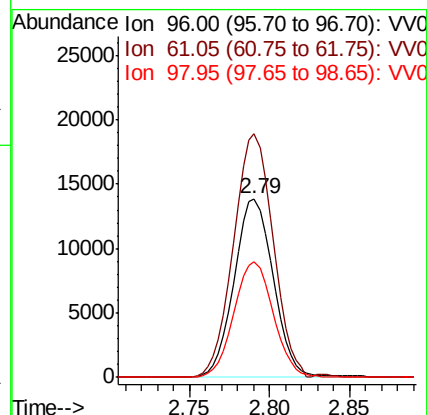
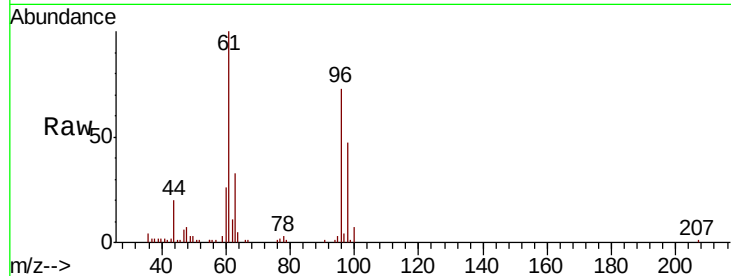




#18
trans-1,2-Dichloroethene
Concen: 1.55 ug/L
RT: 2.79 min Scan# 591
Delta R.T. 0.00 min
Lab File: VV006794.D
Acq: 31 Jul 2018 18:59

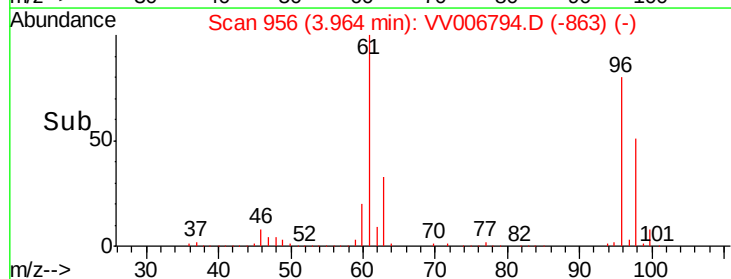
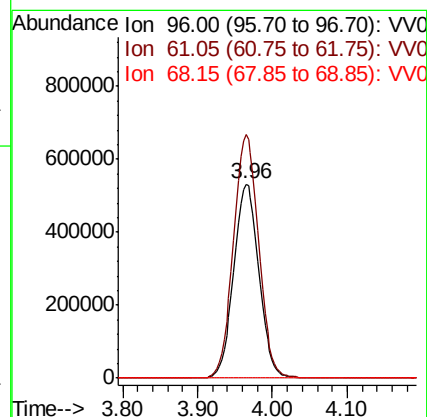
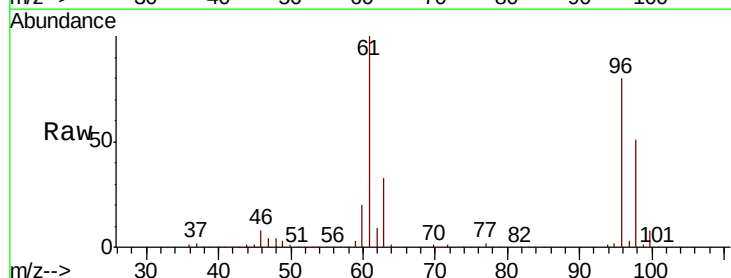
Instrument :
MSVOA_V
ClientSampleId :
ESWR0MS

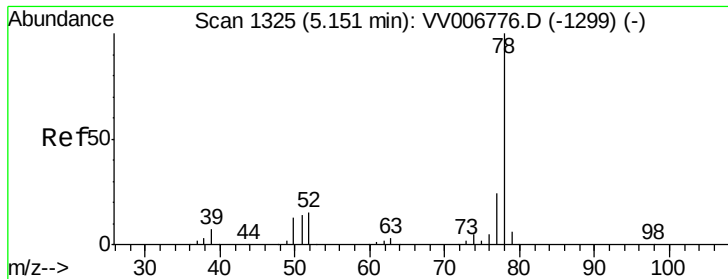
Tot Ion: 96 Resp: 23128
Ion Ratio Lower Upper
96 100
61 136.3 98.5 182.9
98 64.5 45.4 84.4



#22
cis-1,2-Dichloroethene
Concen: 79.94 ug/L
RT: 3.96 min Scan# 956
Delta R.T. 0.00 min
Lab File: VV006794.D
Acq: 31 Jul 2018 18:59

Tgt Ion: 96 Resp: 1246222
Ion Ratio Lower Upper
96 100
61 125.4 85.5 158.9
68 0.0 0.0 0.0





#33

Benzene

Concen: 4.80 ug/L

RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VV006794.D

Acq: 31 Jul 2018 18:59

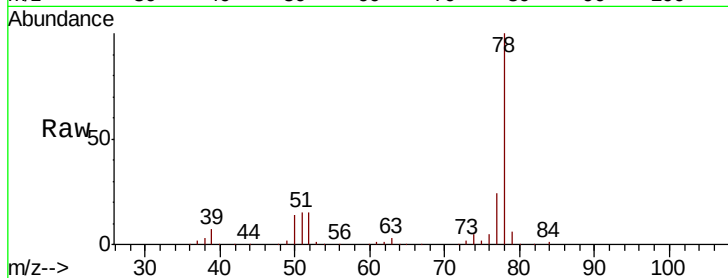
Instrument :

MSVOA_V

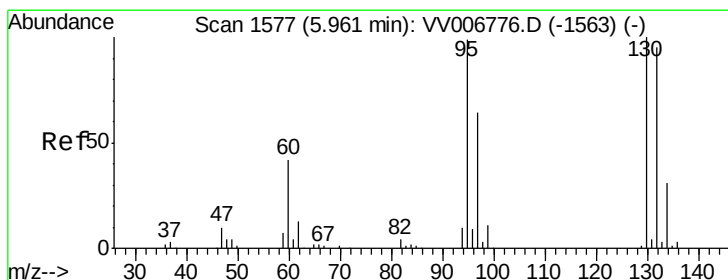
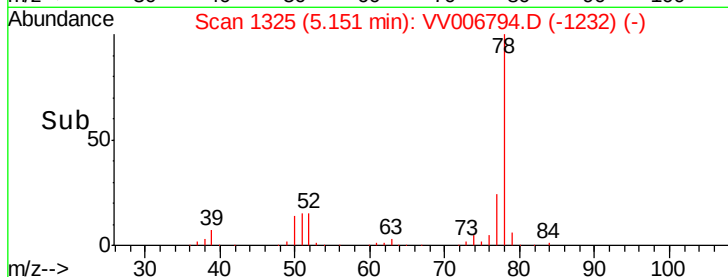
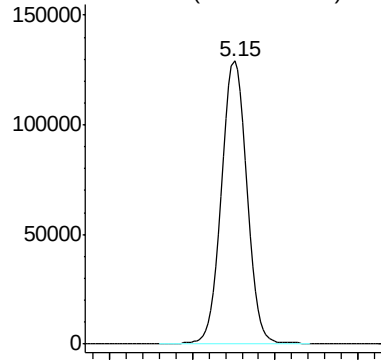
ClientSampleId :

ESWR0MS

Tgt Ion: 78 Resp: 276554



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 6.81 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006794.D

Acq: 31 Jul 2018 18:59

Tgt Ion: 95 Resp: 99053

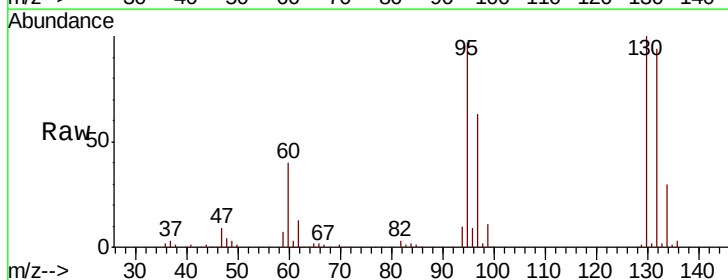
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.9	83.3
132	96.9	68.9	127.9
130	102.7	73.4	136.4

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

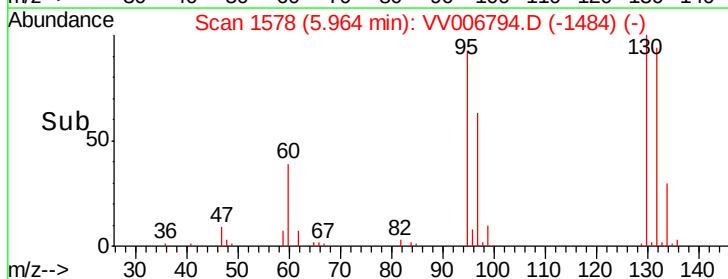


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



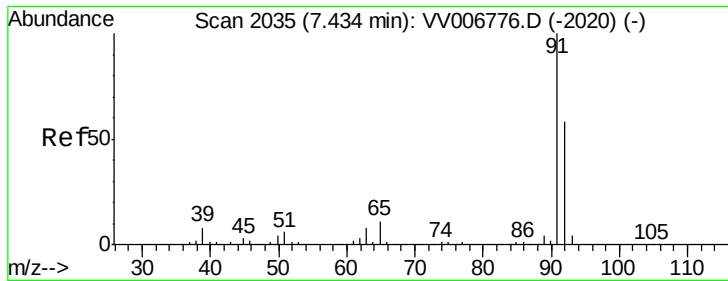
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

Time-->



#42

Toluene

Concen: 4.72 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006794.D

Acq: 31 Jul 2018 18:59

Instrument :

MSVOA_V

ClientSampleId :

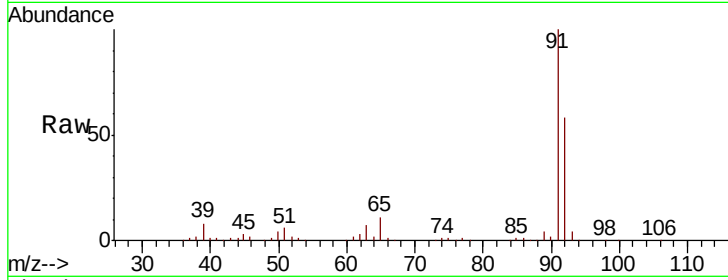
ESWR0MS

Tot Ion: 91 Resp: 279748

Ion Ratio Lower Upper

91 100

92 57.8 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV006776.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VV006776.D (-2020) (-)

7.44

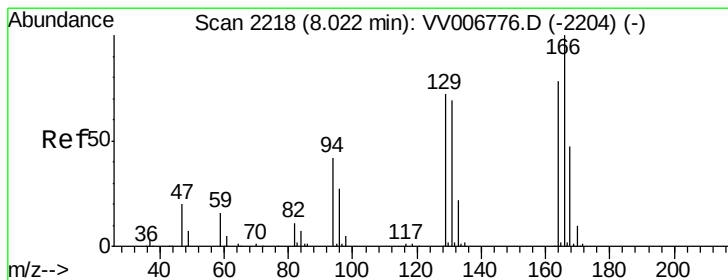
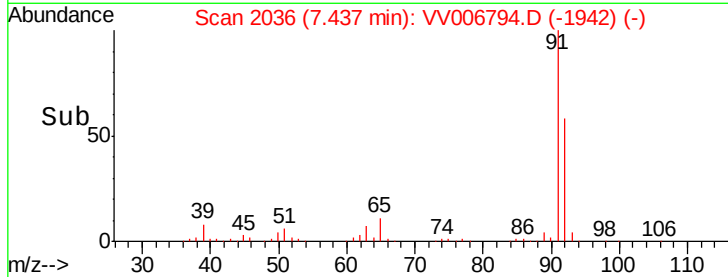
150000

100000

50000

0

Time--> 7.35 7.40 7.45 7.50



#47

Tetrachloroethene

Concen: 1.07 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006794.D

Acq: 31 Jul 2018 18:59

Tgt Ion:164 Resp: 12398

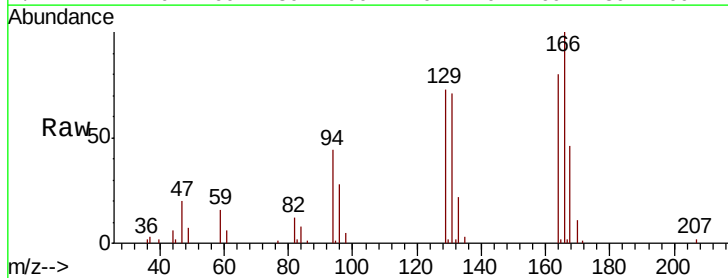
Ion Ratio Lower Upper

164 100

129 90.8 65.0 120.8

131 88.6 61.9 115.1

166 124.8 89.3 165.9



Abundance Ion 163.90 (163.60 to 164.60): VV006776.D (-2204) (-)

Ion 128.95 (128.65 to 129.65): VV006776.D (-2204) (-)

Ion 130.95 (130.65 to 131.65): VV006776.D (-2204) (-)

Ion 165.90 (165.60 to 166.60): VV006776.D (-2204) (-)

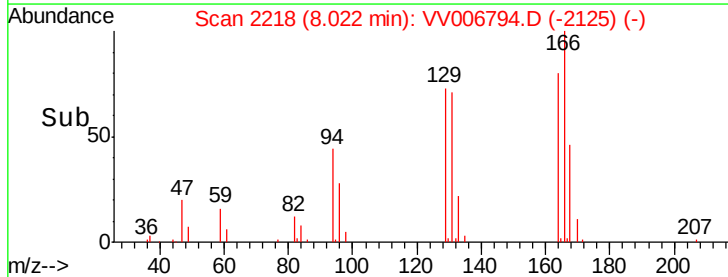
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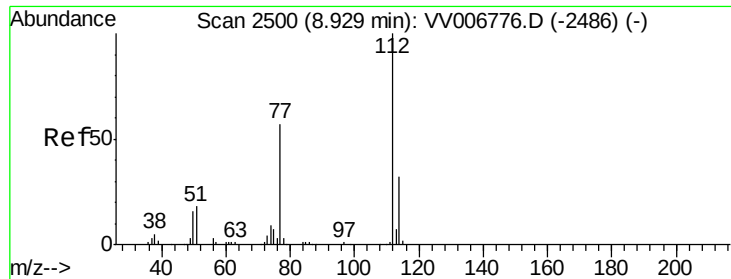
10000

5000

0

Time--> 7.95 8.00 8.05





#51
 Chlorobenzene
 Concen: 4.92 ug/L
 RT: 8.93 min Scan# 2500
 Delta R.T. 0.00 min
 Lab File: VV006794.D
 Acq: 31 Jul 2018 18:59

Instrument :
 MSVOA_V
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 ESWR0MS

Tot Ion	Ion	Ratio	Lower	Upper
112	100			
114	31.9	22.5	41.9	
77	58.3	46.2	69.2	

