

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007974.D
 Acq On : 29 Sep 2018 00:56
 Operator : SY/MD
 Sample : J5091-05
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E62S9

Quant Time: Oct 01 04:57:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 01 04:55:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87631	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83965	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40509	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17647	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.59	69	17644	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.14	63	29802	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	3.97	46	65875	46.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.24%
24) Chloroform-d	4.41	84	47179	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.09	65	25574	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.10	84	88475	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.12	67	29312	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	82144	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.67	79	8762	3.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.60%
46) 2-Hexanone-d5	8.14	63	46687	43.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21745	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	35781	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

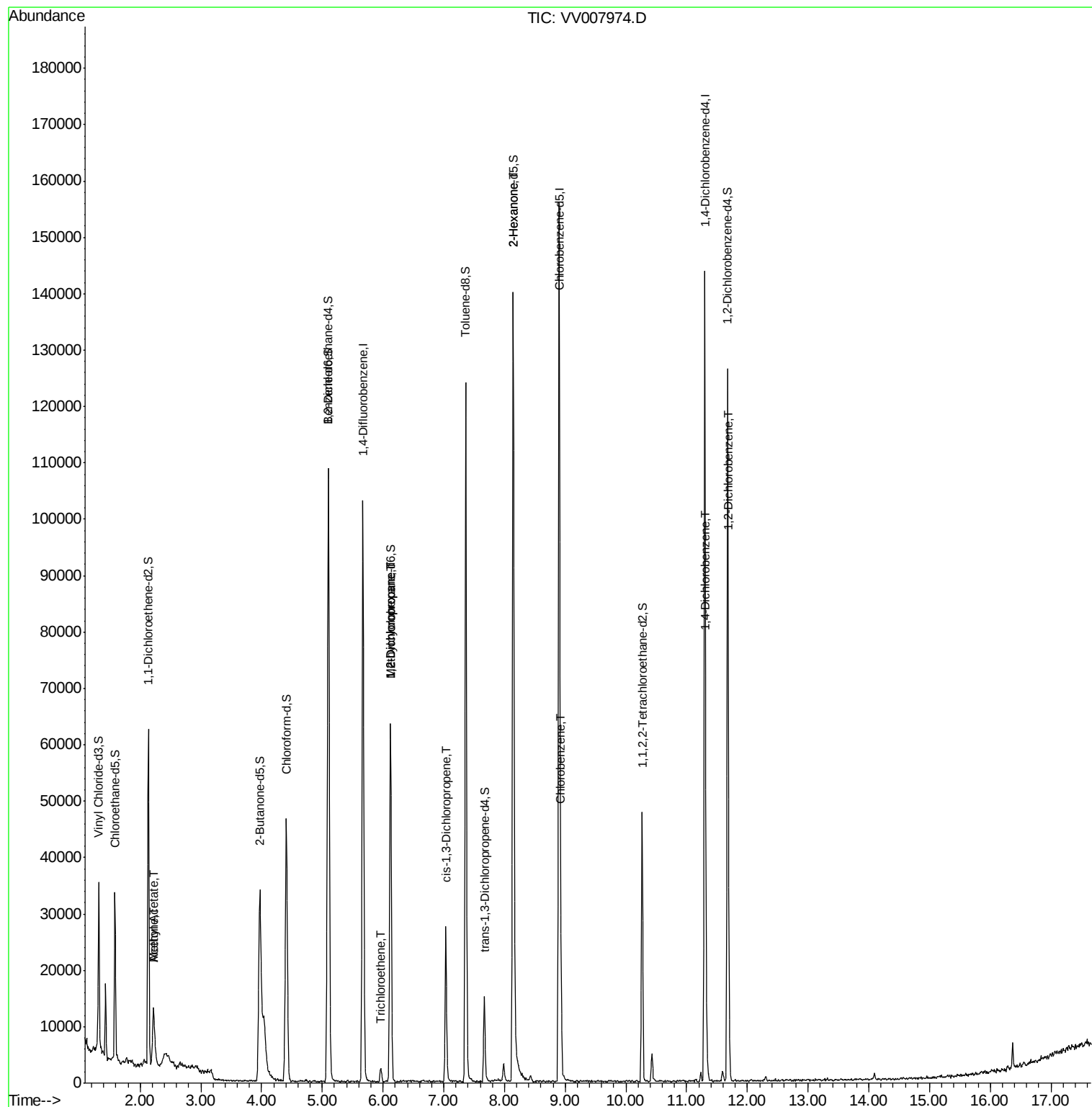
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.22	43	18414	17.886	ug/L	99
15) Methyl Acetate	2.22	43	17731	6.734	ug/L #	51
34) Trichloroethene	5.97	95	713	0.104	ug/L	99
35) Methylcyclohexane	6.12	83	7161	0.694	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3159	0.514	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	634	0.077	ug/L #	69
48) 2-Hexanone	8.14	43	6499	2.424	ug/L #	80
51) Chlorobenzene	8.93	112	11190	0.619	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	2272	0.163	ug/L	91
65) 1,2-Dichlorobenzene	11.69	146	1760	0.140	ug/L	95

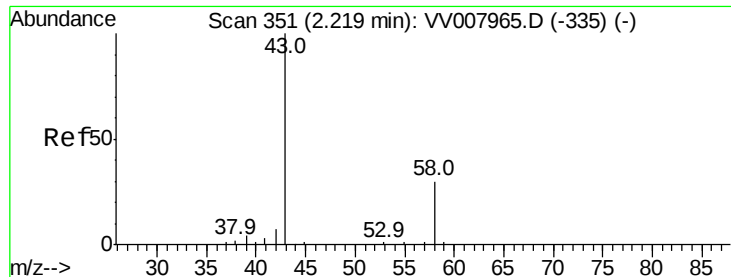
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 01 04:55:39 2018
Response via : Initial Calibration





#13

Acetone

Concen: 17.886 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.00 min

Lab File: VV007974.D

Acq: 29 Sep 2018 00:56

Instrument :

MSVOA_V

ClientSampled :

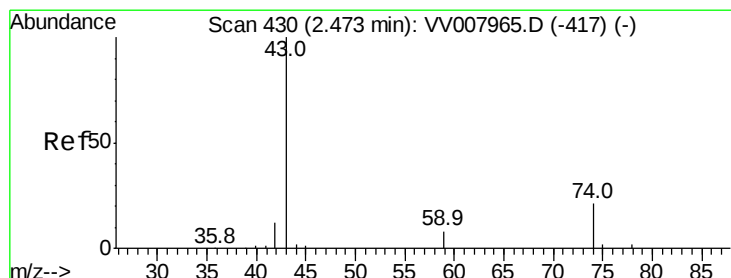
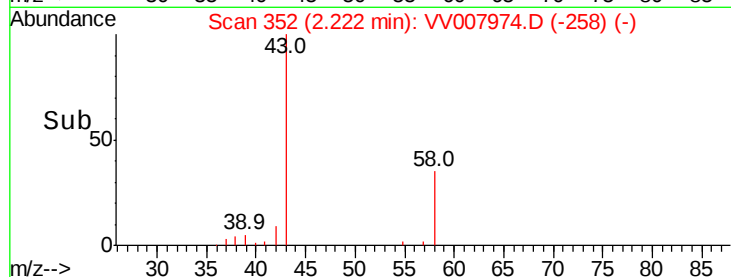
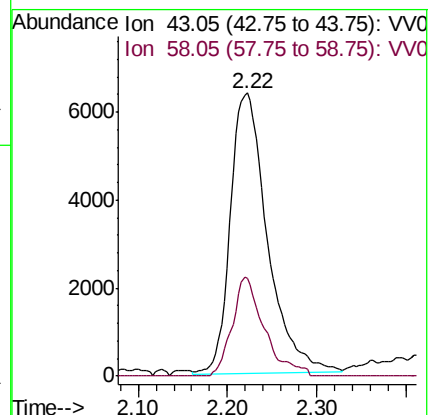
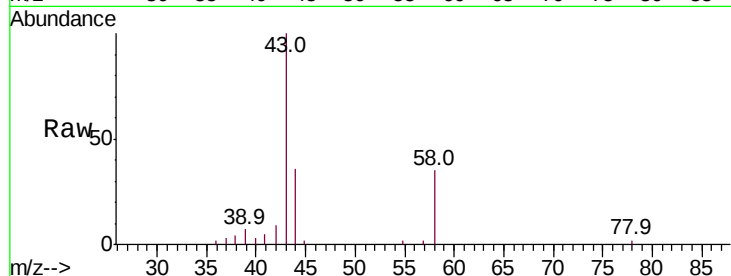
E62S9

Tot Ion: 43 Resp: 18414

Ion Ratio Lower Upper

43 100

58 30.6 0.0 62.0



#15

Methyl Acetate

Concen: 6.734 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.25 min

Lab File: VV007974.D

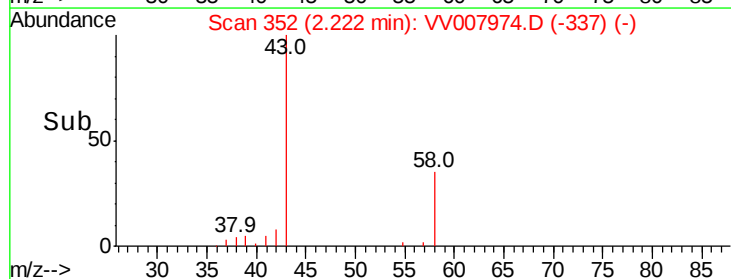
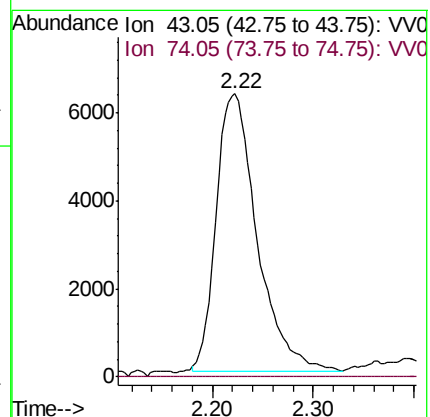
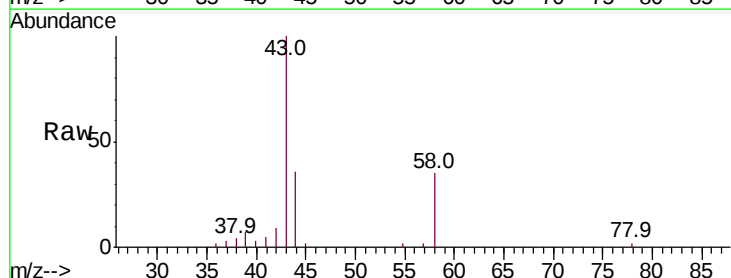
Acq: 29 Sep 2018 00:56

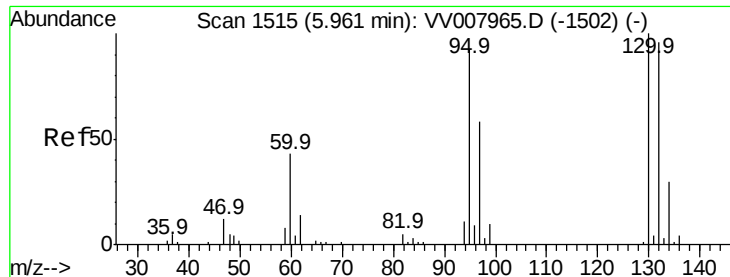
Tgt Ion: 43 Resp: 17731

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#





#34

Trichloroethene

Concen: 0.104 ug/L

RT: 5.97 min Scan# 1517

Delta R.T. 0.01 min

Lab File: VV007974.D

Acq: 29 Sep 2018 00:56

Instrument :

MSVOA_V

ClientSampleId :

E62S9

Tot Ion: 95 Resp: 713

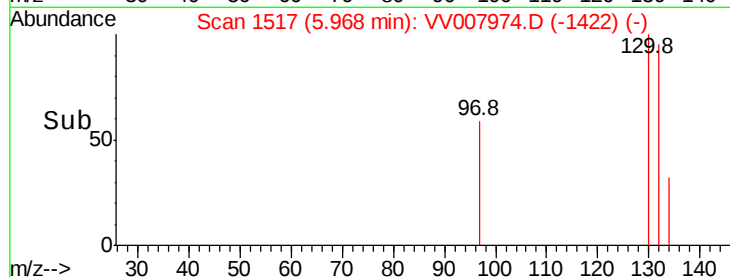
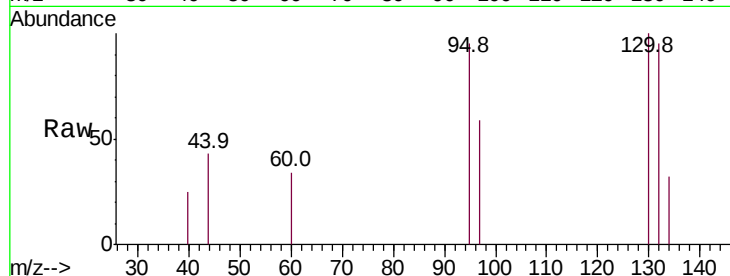
Ion Ratio Lower Upper

95 100

97 61.8 43.6 81.0

132 100.4 69.9 129.9

130 105.2 71.7 133.3



Abundance Ion 95.00 (94.70 to 95.70): VV007965.D (-1502) (-)

Ion 96.95 (96.65 to 97.65): VV007965.D (-1502) (-)

Ion 131.95 (131.65 to 132.65): VV007965.D (-1502) (-)

Ion 129.95 (129.65 to 130.65): VV007965.D (-1502) (-)

Time-->

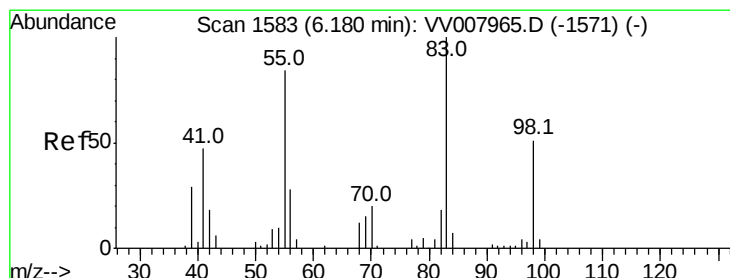
5.92 5.94 5.96 5.98 6.00

600

400

200

0



#35

Methylcyclohexane

Concen: 0.694 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007974.D

Acq: 29 Sep 2018 00:56

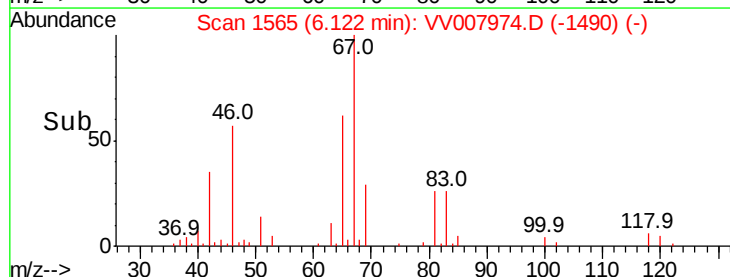
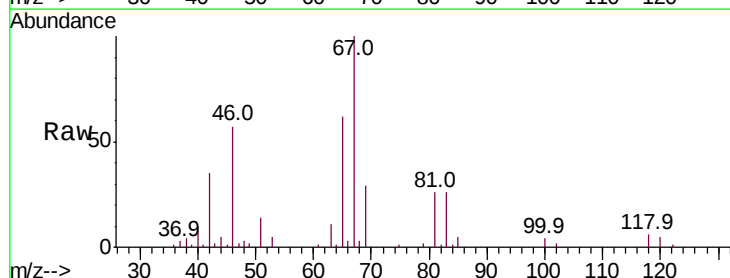
Tgt Ion: 83 Resp: 7161

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

98 0.0 38.0 57.0#



Abundance Ion 83.15 (82.85 to 83.85): VV007965.D (-1571) (-)

Ion 55.10 (54.80 to 55.80): VV007965.D (-1571) (-)

Ion 98.15 (97.85 to 98.85): VV007965.D (-1571) (-)

Time-->

6.05 6.10 6.15

5000

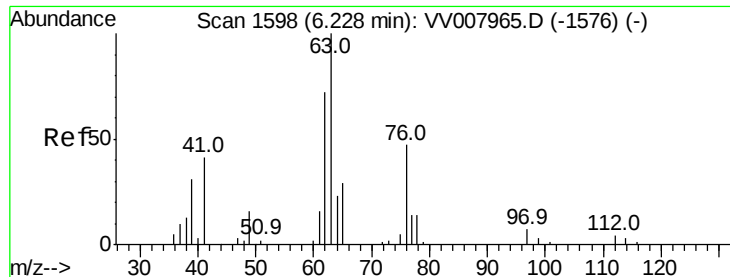
4000

3000

2000

1000

0



#37

1,2-Dichloropropane

Concen: 0.514 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007974.D

Acq: 29 Sep 2018 00:56

Instrument :

MSVOA_V

ClientSampleId :

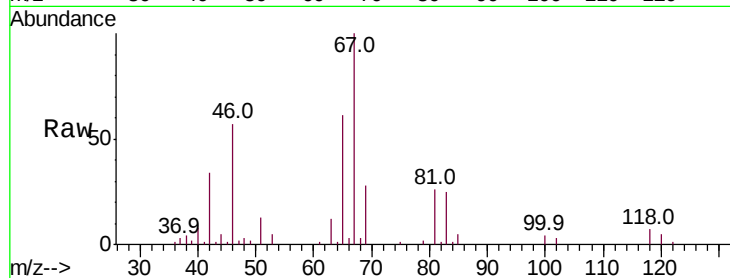
E62S9

Tot Ion: 63 Resp: 3159

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV007965.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV007965.D (-1576) (-)

6.13

1500

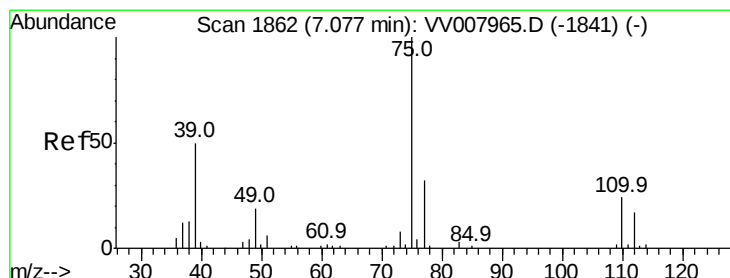
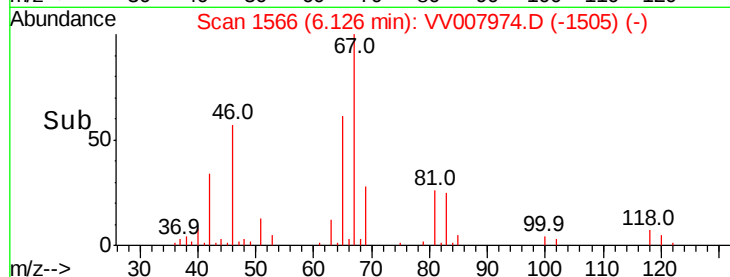
1000

500

0

6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007974.D

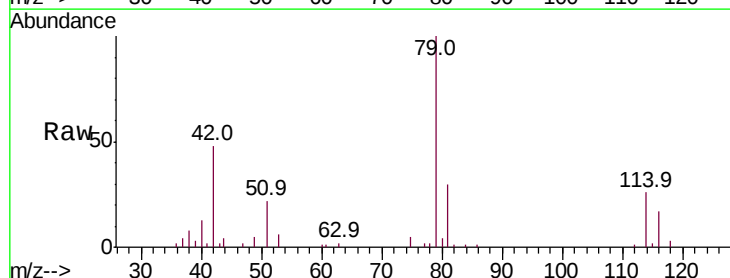
Acq: 29 Sep 2018 00:56

Tgt Ion: 75 Resp: 634

Ion Ratio Lower Upper

75 100

77 49.9 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007965.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV007965.D (-1841) (-)

7.04

400

300

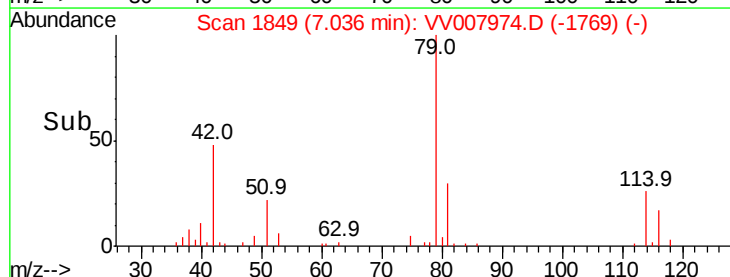
200

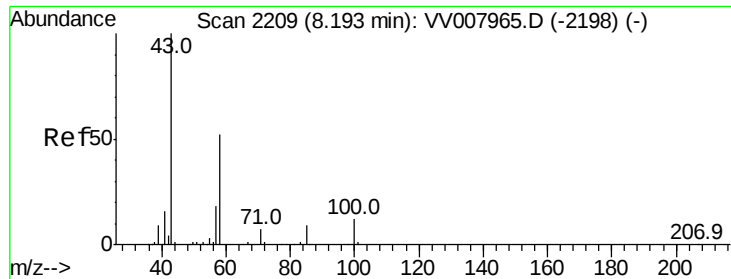
100

0

7.00 7.02 7.04 7.06

Time-->

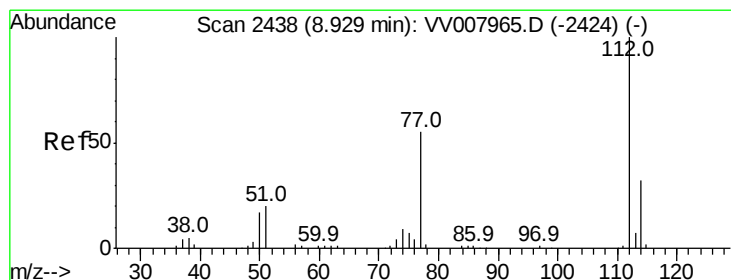
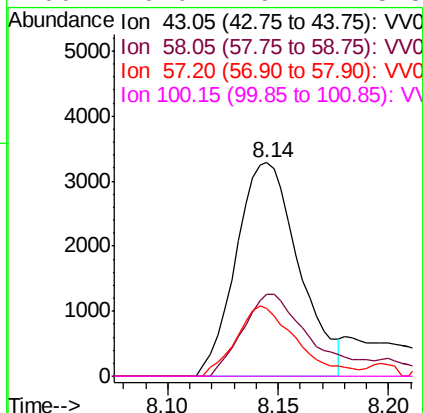
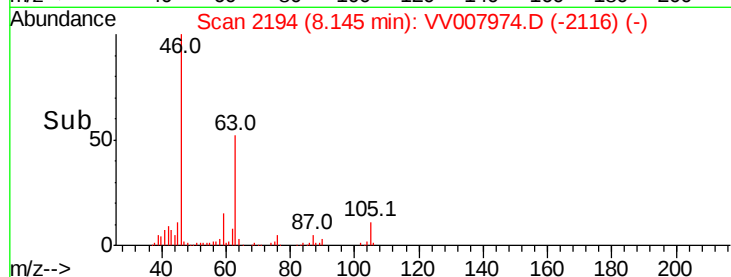
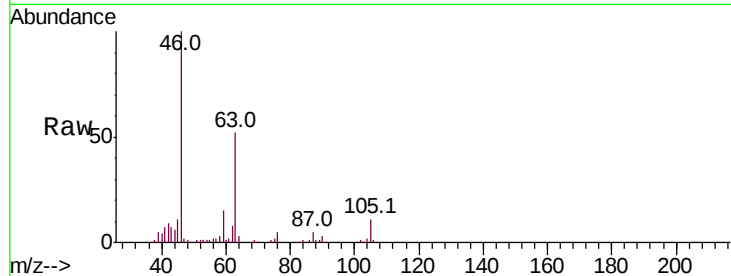




#48
2-Hexanone
Concen: 2.424 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.05 min
Lab File: VV007974.D
Acq: 29 Sep 2018 00:56

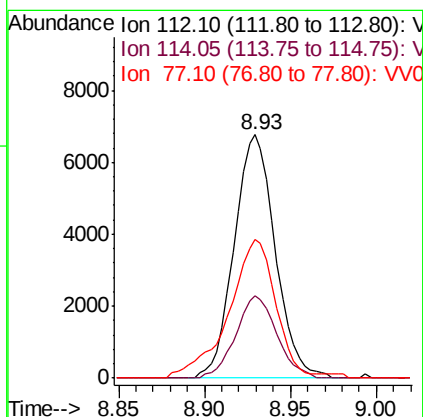
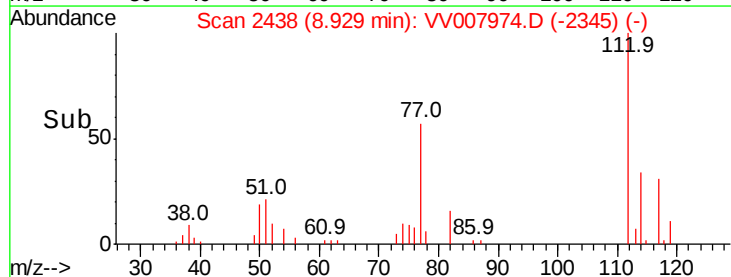
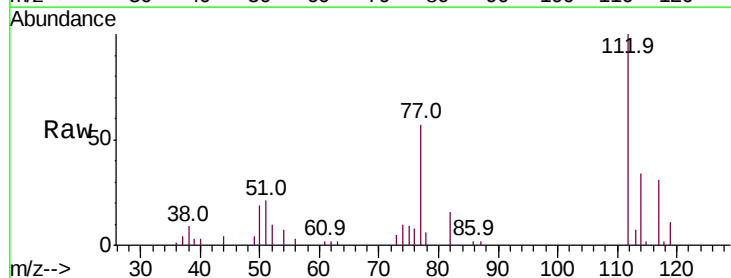
Instrument :
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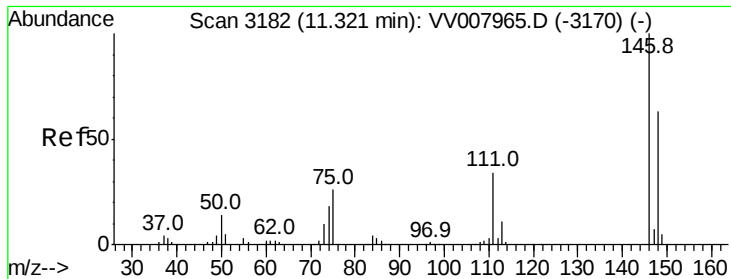
Tot Ion:	43	Resp:	6499
Ion	Ratio	Lower	Upper
43	100		
58	42.0	41.9	62.9
57	31.6	14.3	21.5#
100	0.0	9.2	13.8#



#51
Chlorobenzene
Concen: 0.619 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV007974.D
Acq: 29 Sep 2018 00:56

Tgt Ion:	112	Resp:	11190
Ion	Ratio	Lower	Upper
112	100		
114	33.9	22.4	41.6
77	56.8	45.0	67.6





#63

1,4-Dichlorobenzene

Concen: 0.163 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VV007974.D

Acq: 29 Sep 2018 00:56

Instrument :

MSVOA_V

ClientSampleId :

E62S9

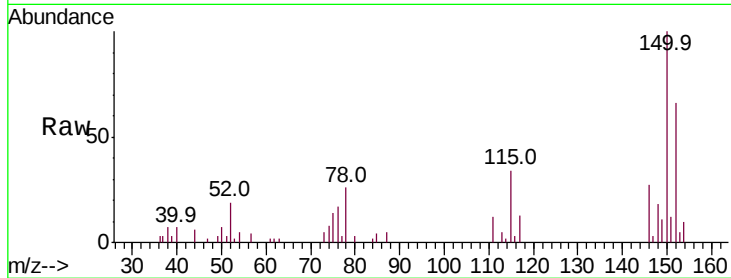
Tot Ion:146 Resp: 2272

Ion Ratio Lower Upper

146 100

111 45.9 25.3 47.1

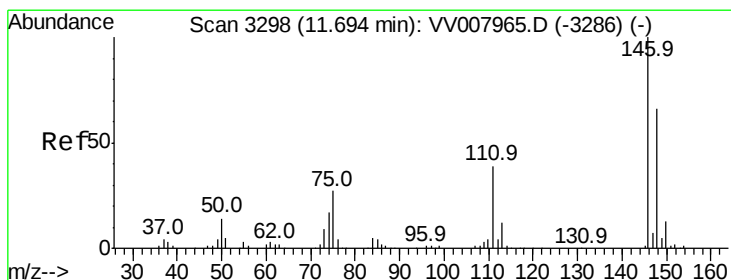
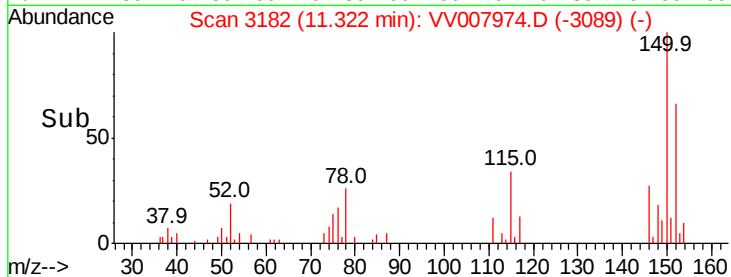
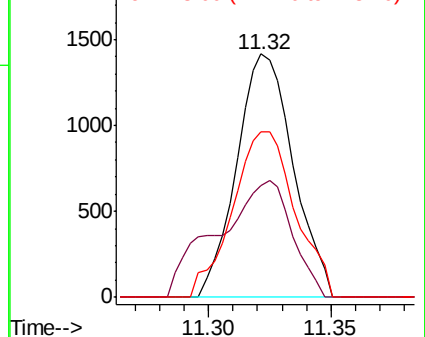
148 68.0 44.7 82.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 0.140 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV007974.D

Acq: 29 Sep 2018 00:56

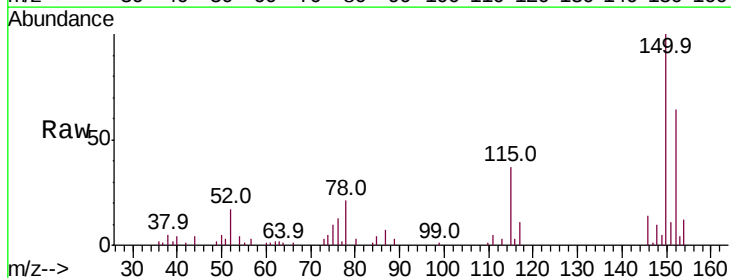
Tgt Ion:146 Resp: 1760

Ion Ratio Lower Upper

146 100

111 35.3 31.2 46.8

148 66.8 50.3 75.5



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

