

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100518\
 Data File : VV008134.D
 Acq On : 06 Oct 2018 07:49
 Operator : SY/MD
 Sample : J5277-11
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 05:27:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 08 05:22:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	95812	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91421	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42148	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23734	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.59	69	21997	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.14	63	34721	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	3.96	46	71938	50.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.68%
24) Chloroform-d	4.41	84	55190	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.09	65	28544	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.10	84	103596	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	33727	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.36	98	90533	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.67	79	10116	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.14	63	46161	44.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.80%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24309	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	37768	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

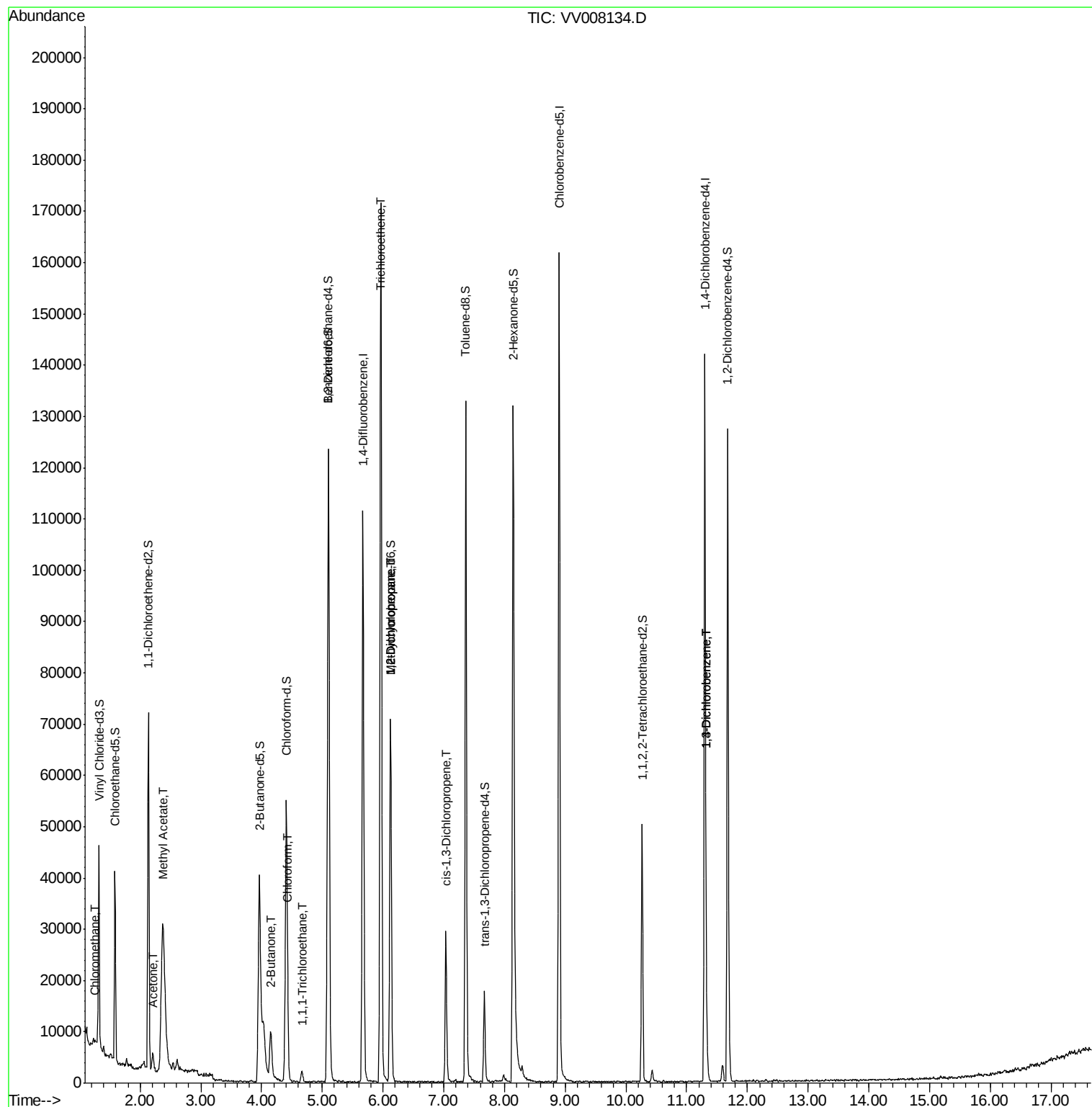
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.26	50	534	0.098	ug/L #	72
13) Acetone	2.21	43	3814	3.978	ug/L	95
15) Methyl Acetate	2.38	43	17988	7.903	ug/L #	53
21) 2-Butanone	4.15	43	14504	9.378	ug/L #	51
25) Chloroform	4.44	83	1138	0.098	ug/L	83
29) 1,1,1-Trichloroethane	4.67	97	2017	0.199	ug/L	94
34) Trichloroethene	5.96	95	57677	8.568	ug/L	99
35) Methylcyclohexane	6.13	83	8140	0.866	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3762	0.604	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	681	0.085	ug/L #	27
62) 1,3-Dichlorobenzene	11.32	146	1648	0.131	ug/L	87
63) 1,4-Dichlorobenzene	11.32	146	1648	0.129	ug/L	88

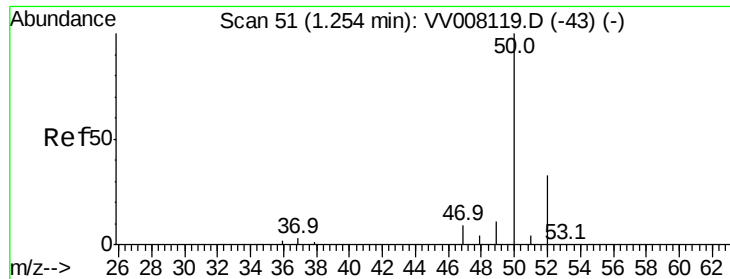
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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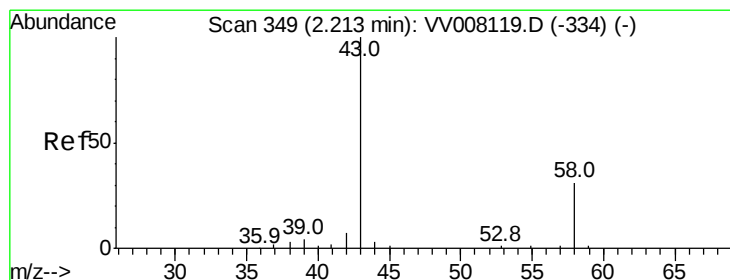
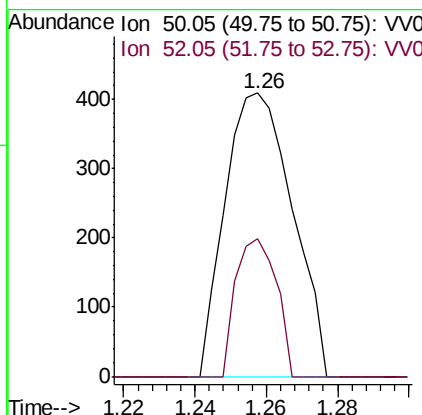
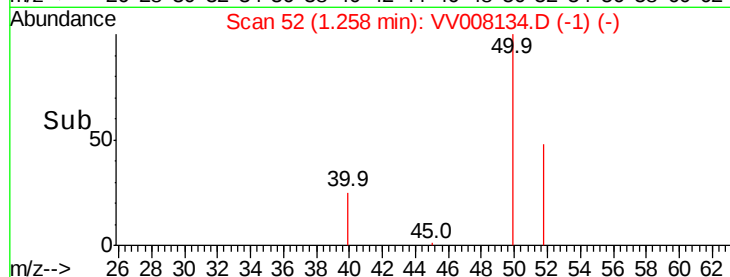
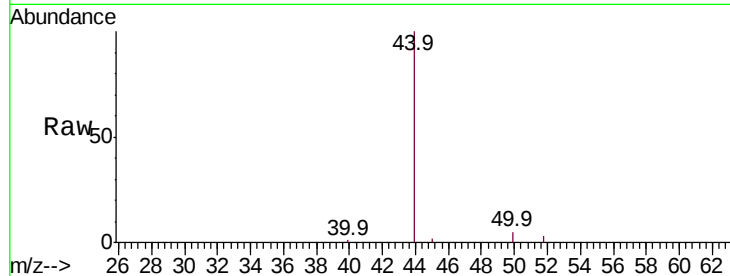




#3
Chloromethane
Concen: 0.098 ug/L
RT: 1.26 min Scan# 52
Delta R.T. 0.00 min
Lab File: VV008134.D
Acq: 06 Oct 2018 07:49

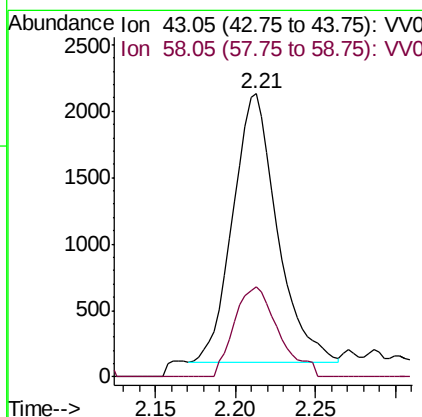
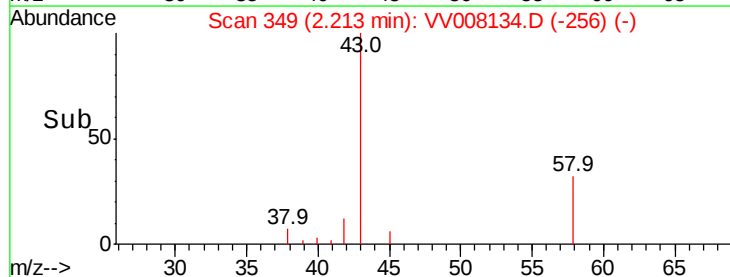
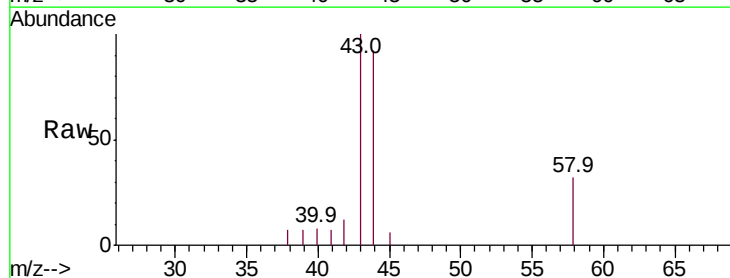
Instrument :
MSVOA_V
ClientSampleId :

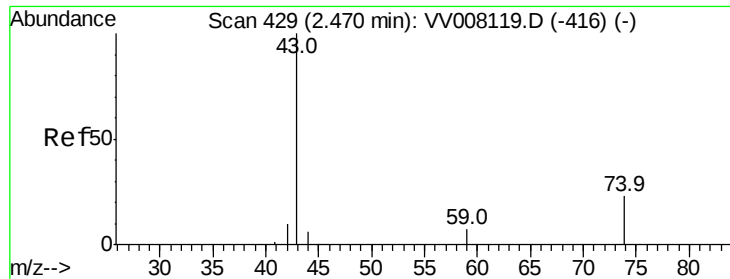
Tot Ion: 50 Resp: 534
Ion Ratio Lower Upper
50 100
52 48.4 22.9 42.5#



#13
Acetone
Concen: 3.978 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.00 min
Lab File: VV008134.D
Acq: 06 Oct 2018 07:49

Tgt Ion: 43 Resp: 3814
Ion Ratio Lower Upper
43 100
58 33.6 0.0 62.2

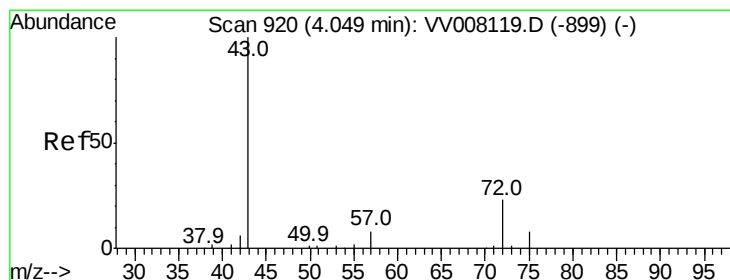
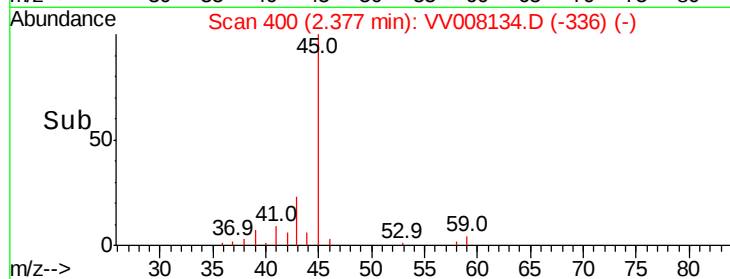
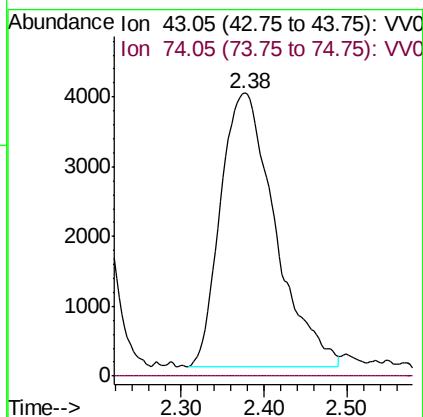
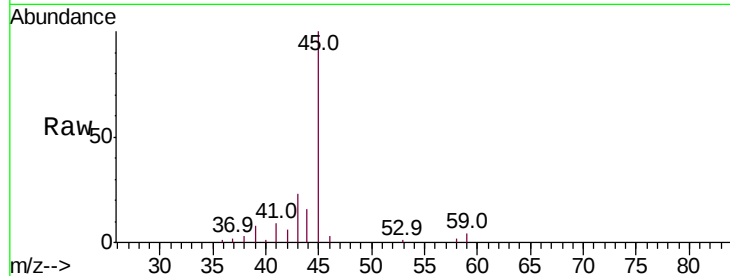




#15
Methvl Acetate
Concen: 7.903 ug/L
RT: 2.38 min Scan# 400
Delta R.T. -0.09 min
Lab File: VV008134.D
Acq: 06 Oct 2018 07:49

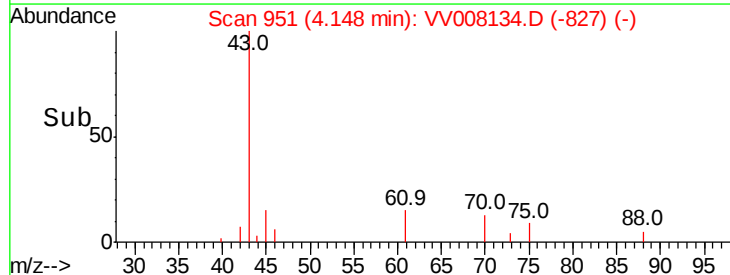
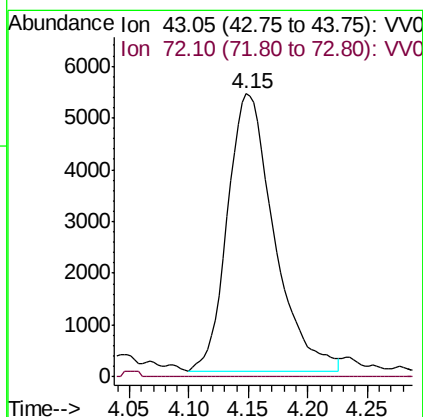
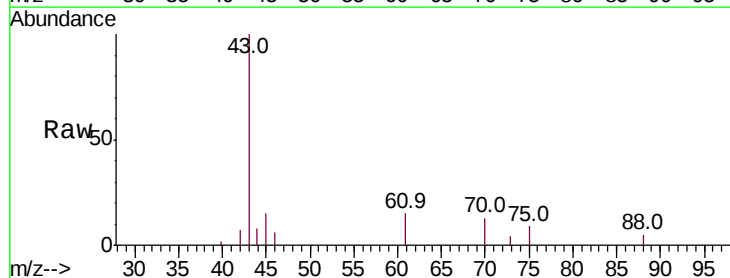
Instrument :
MSVOA_V
ClientSampleId :

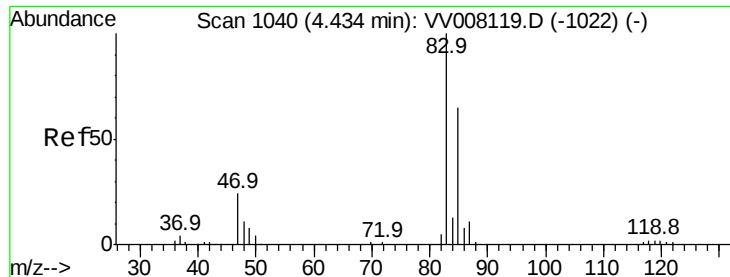
Tot Ion: 43 Resp: 17988
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#



#21
2-Butanone
Concen: 9.378 ug/L
RT: 4.15 min Scan# 951
Delta R.T. 0.10 min
Lab File: VV008134.D
Acq: 06 Oct 2018 07:49

Tgt Ion: 43 Resp: 14504
Ion Ratio Lower Upper
43 100
72 0.7 12.9 38.6#

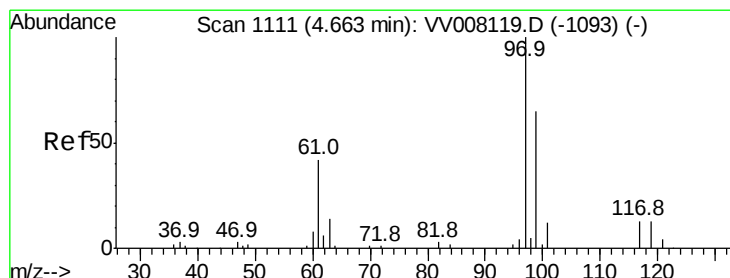
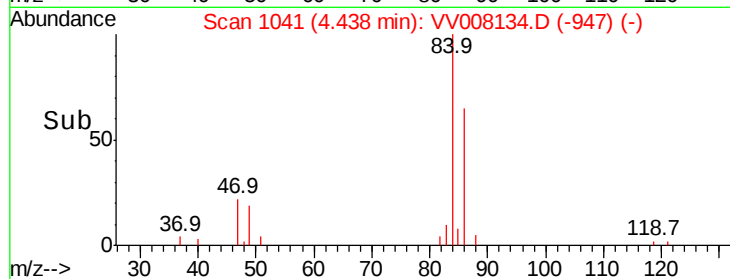
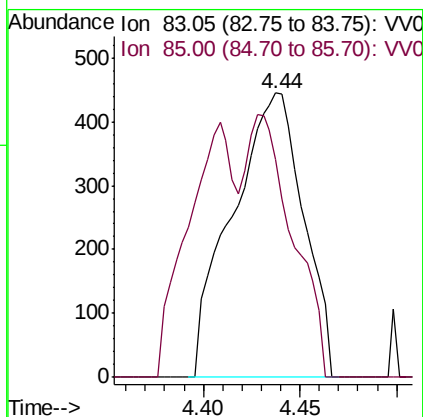
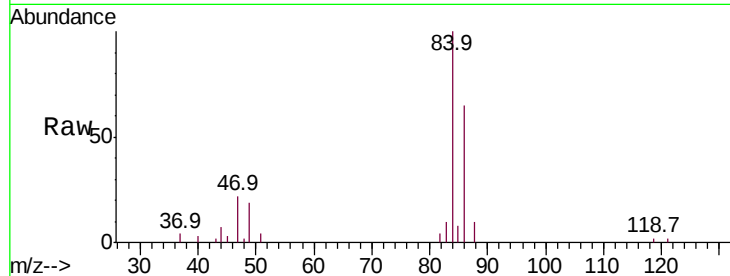




#25
Chloroform
Concen: 0.098 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV008134.D
Acq: 06 Oct 2018 07:49

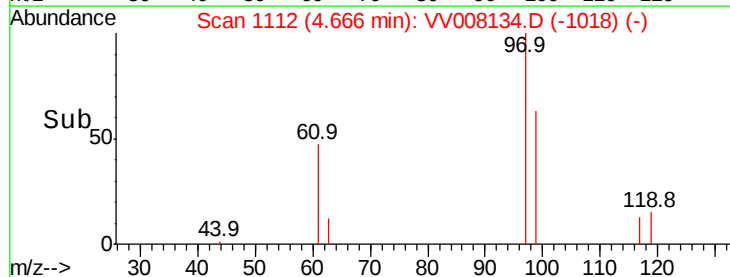
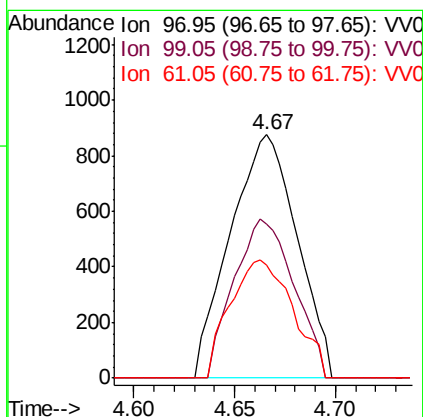
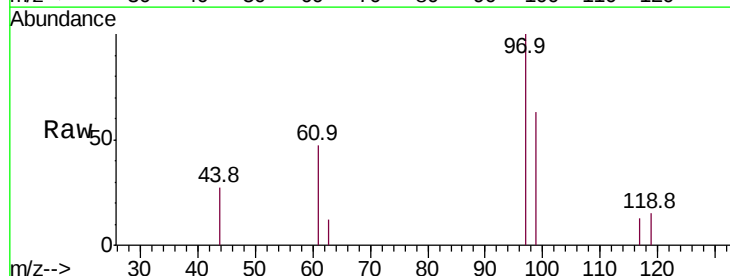
Instrument :
MSVOA_V
ClientSampleId :

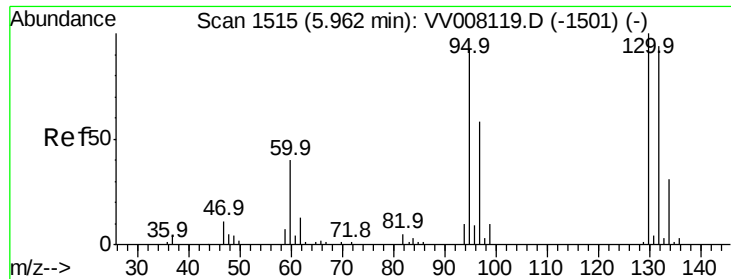
Tot Ion: 83 Resp: 1138
Ion Ratio Lower Upper
83 100
85 76.7 44.6 82.8



#29
1,1,1-Trichloroethane
Concen: 0.199 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VV008134.D
Acq: 06 Oct 2018 07:49

Tgt Ion: 97 Resp: 2017
Ion Ratio Lower Upper
97 100
99 59.0 51.0 76.4
61 45.7 34.0 51.0

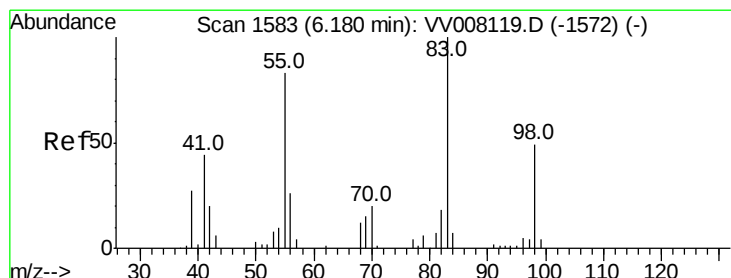
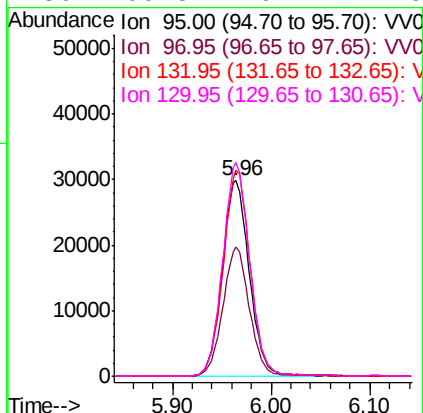
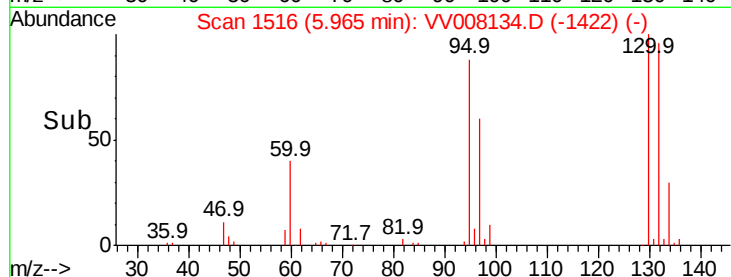
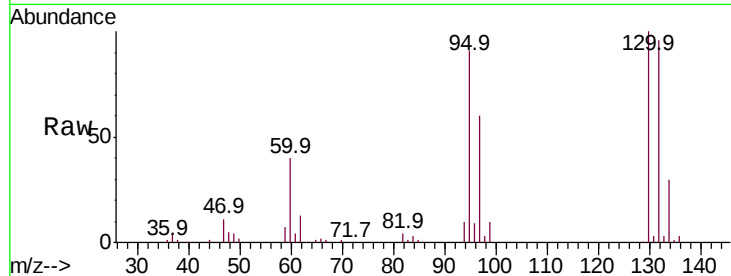




#34
 Trichloroethene
 Concen: 8.568 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008134.D
 Acq: 06 Oct 2018 07:49

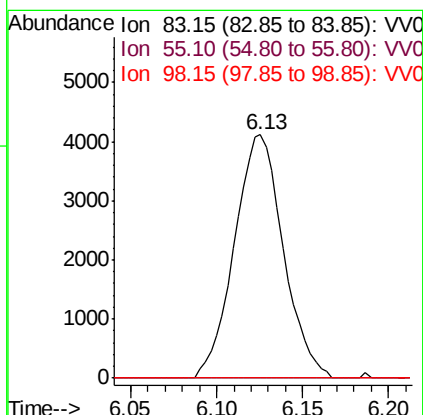
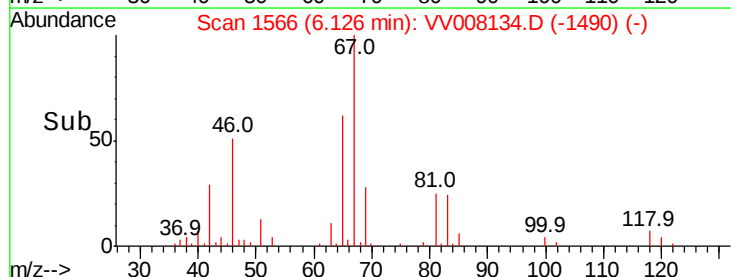
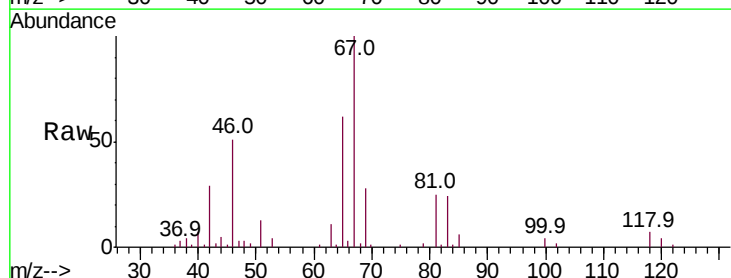
Instrument :
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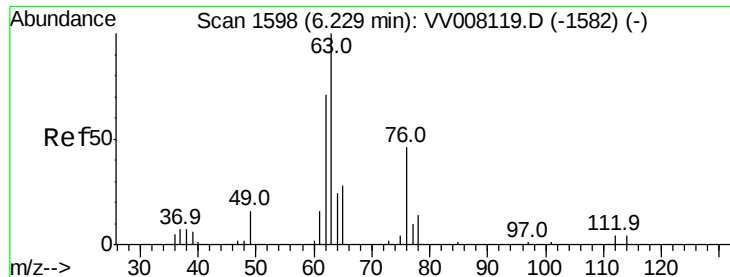
Tot Ion: 95 Resp: 57677
 Ion Ratio Lower Upper
 95 100
 97 66.0 44.9 83.5
 132 105.4 73.6 136.6
 130 109.3 76.2 141.6



#35
 Methylcyclohexane
 Concen: 0.866 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.05 min
 Lab File: VV008134.D
 Acq: 06 Oct 2018 07:49

Tgt Ion: 83 Resp: 8140
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.6 95.4#
 98 2.7 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.604 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008134.D

Acq: 06 Oct 2018 07:49

Instrument :

MSVOA_V

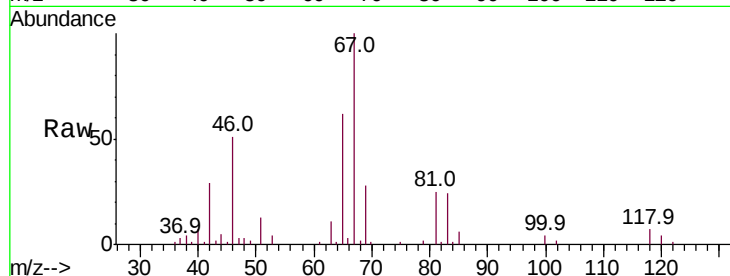
ClientSampled :

Tot Ion: 63 Resp: 3762

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008119.D (-1582) (-)

Ion 112.10 (111.80 to 112.80): VV008119.D (-1582) (-)

6.13

2000

1500

1000

500

0

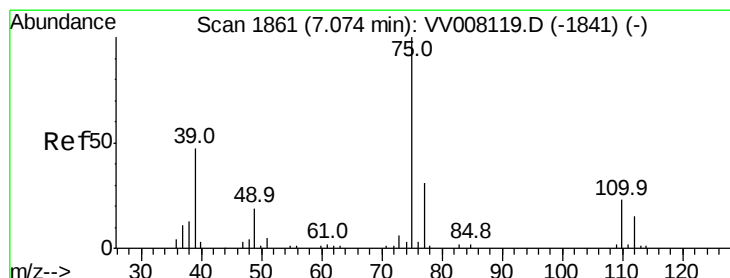
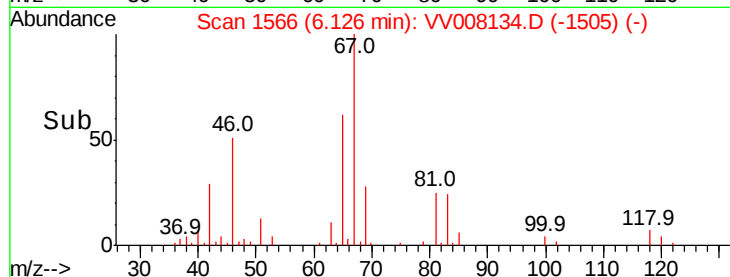
6.05

6.10

6.15

6.20

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008134.D

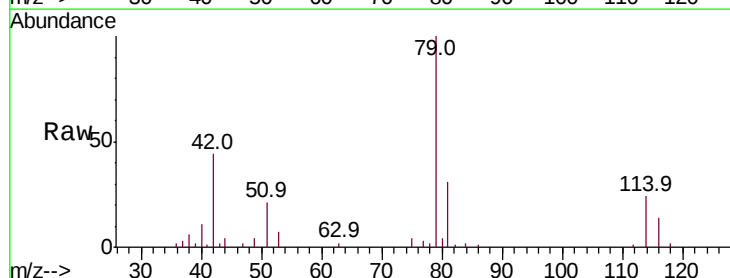
Acq: 06 Oct 2018 07:49

Tgt Ion: 75 Resp: 681

Ion Ratio Lower Upper

75 100

77 72.1 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV008119.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV008119.D (-1841) (-)

7.04

400

300

200

100

0

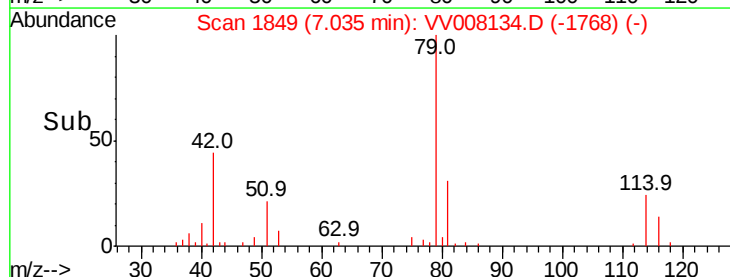
7.00

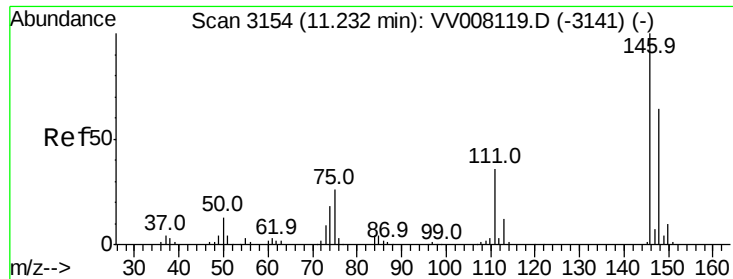
7.02

7.04

7.06

Time-->





#62

1,3-Dichlorobenzene

Concen: 0.131 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.09 min

Lab File: VV008134.D

Acq: 06 Oct 2018 07:49

Instrument :

MSVOA_V

ClientSampled :

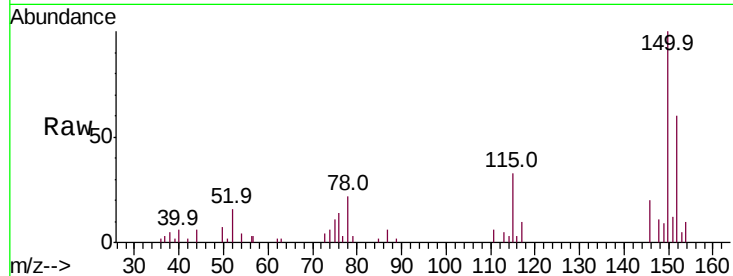
Tot Ion:146 Resp: 1648

Ion Ratio Lower Upper

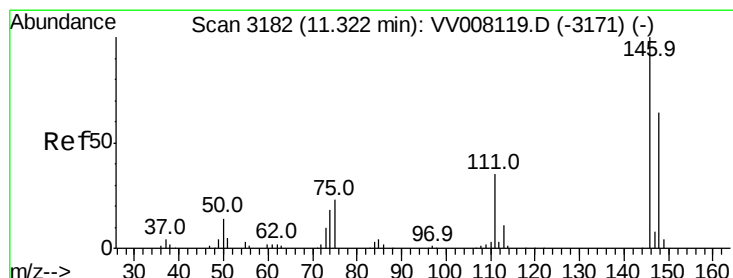
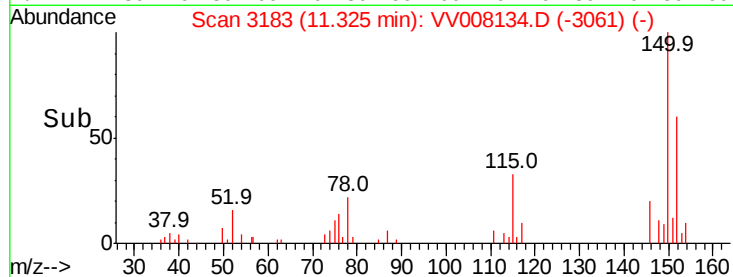
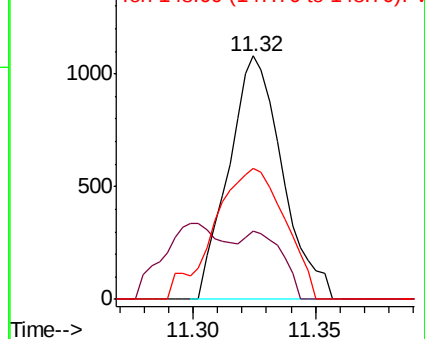
146 100

111 28.0 25.8 48.0

148 53.7 44.4 82.4



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



#63

1,4-Dichlorobenzene

Concen: 0.129 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV008134.D

Acq: 06 Oct 2018 07:49

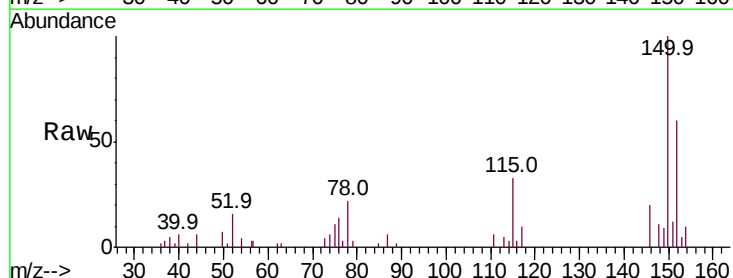
Tgt Ion:146 Resp: 1648

Ion Ratio Lower Upper

146 100

111 28.0 24.2 45.0

148 53.7 44.0 81.6



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

