

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030819\
 Data File : VV009552.D
 Acq On : 08 Mar 2019 21:10
 Operator : SY/MD
 Sample : K1794-03
 Misc : 5.73G/10ML/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5N4

Quant Time: Mar 09 01:28:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 09 01:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	150822	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	143692	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61200	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31381	17.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.16%
7) Chloroethane-d5	1.57	69	46424	17.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.72%
10) 1,1-Dichloroethene-d2	2.13	63	74123	15.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.76%
20) 2-Butanone-d5	3.94	46	26474	42.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.58%
24) Chloroform-d	4.40	84	91350	25.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.68%
26) 1,2-Dichloroethane-d4	5.08	65	57840	28.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.20%
29) Benzene-d6	5.10	84	178791	25.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.48%
33) 1,2-Dichloropropane-d6	6.12	67	56657	26.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.92%
37) Toluene-d8	7.36	98	164738	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.96%
38) trans-1,3-Dichloropropene-	7.67	79	21495	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.48%
39) 2-Hexanone-d5	8.14	63	20148	41.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54043	24.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	59722	26.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.92%

Target Compounds

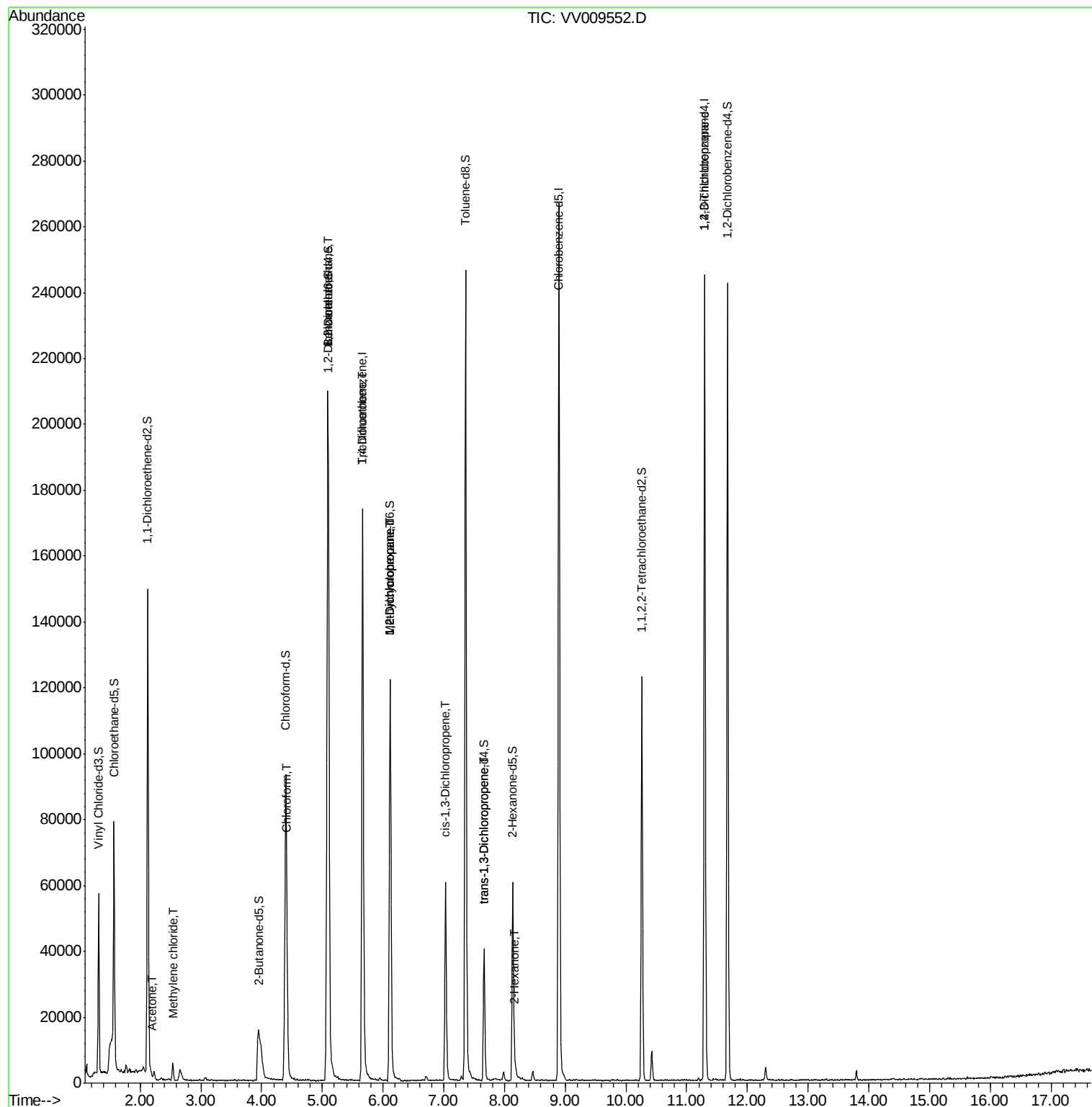
					Qvalue
13) Acetone	2.20	43	671	1.067 ug/L	80
16) Methylene chloride	2.53	84	2079	1.050 ug/L	96
25) Chloroform	4.42	83	2842	0.802 ug/L	90
27) 1,2-Dichloroethane	5.09	62	1127	0.458 ug/L #	77
35) Trichloroethene	5.67	95	4571	2.142 ug/L #	6
36) Methylcyclohexane	6.12	83	13884	3.994 ug/L #	21
40) 1,2-Dichloropropane	6.12	63	6948	3.629 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	2063	0.694 ug/L #	77
45) trans-1,3-Dichloropropene	7.67	75	1303	0.502 ug/L #	58
49) 2-Hexanone	8.17	43	1620	1.420 ug/L #	49
59) 1,2,3-Trichloropropane	11.30	75	8761	5.412 ug/L	92

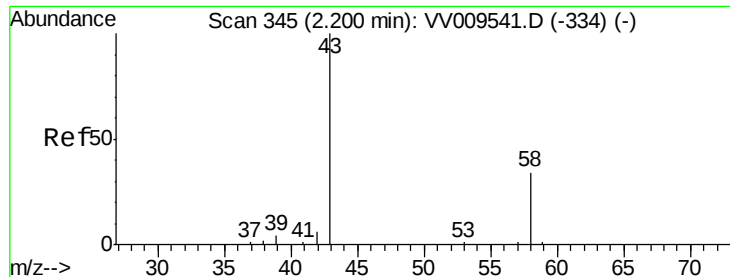
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 09 01:24:39 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.067 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV009552.D

Acq: 08 Mar 2019 21:10

Instrument :

MSVOA_V

ClientSampled :

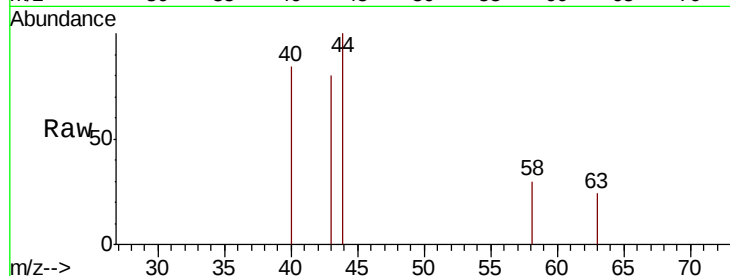
BF5N4

Tgt Ion: 43 Resp: 671

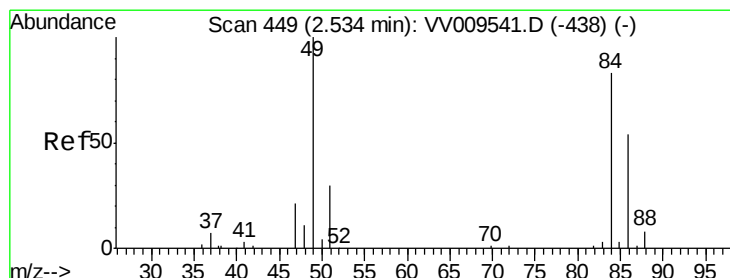
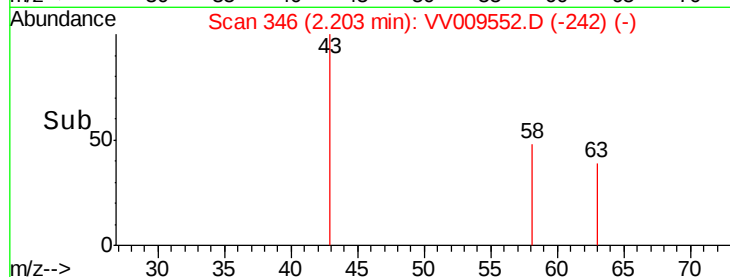
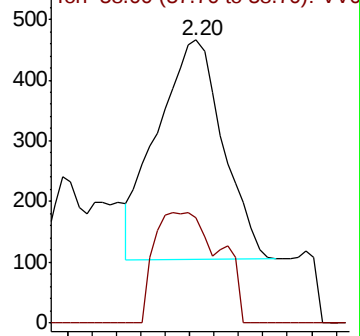
Ion Ratio Lower Upper

43 100

58 23.0 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009552.D (-346) (-)



#16

Methylene chloride

Concen: 1.050 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009552.D

Acq: 08 Mar 2019 21:10

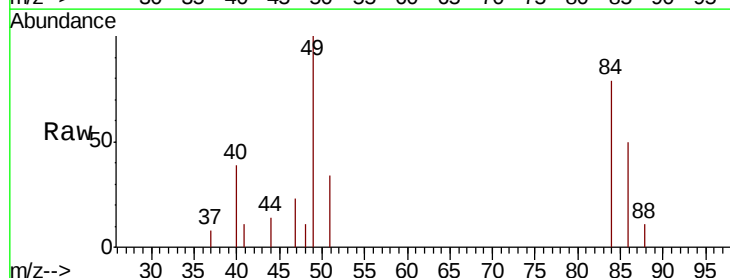
Tgt Ion: 84 Resp: 2079

Ion Ratio Lower Upper

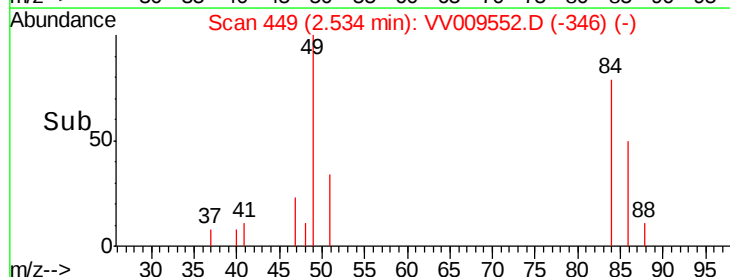
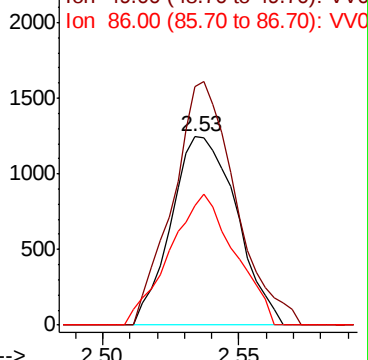
84 100

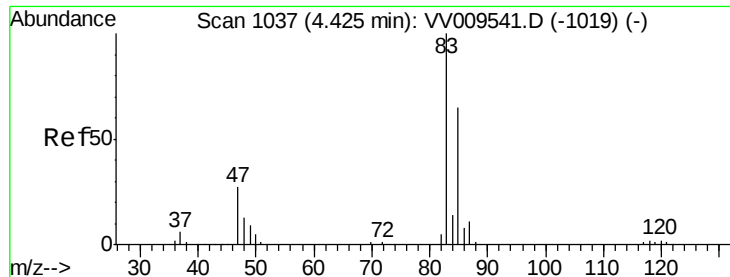
49 126.5 84.6 157.0

86 63.5 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009552.D (-346) (-)

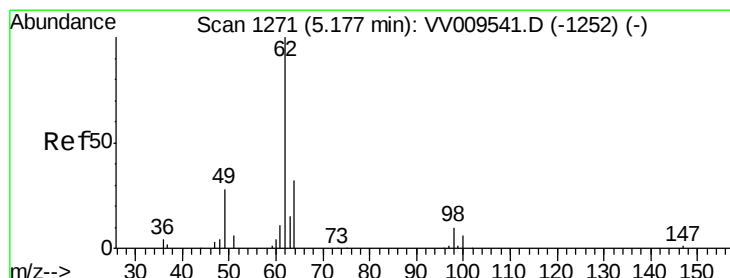
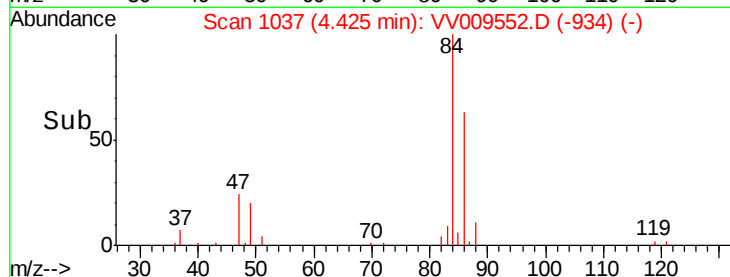
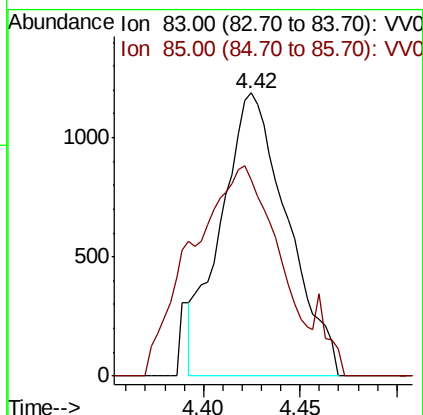
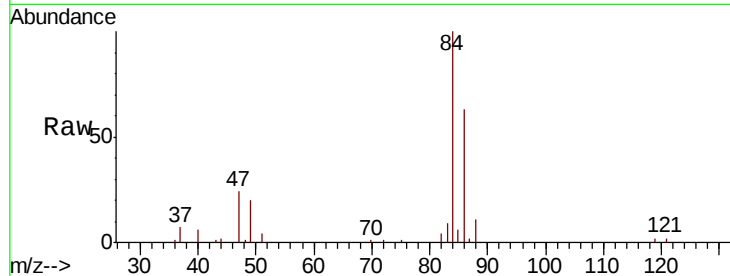




#25
Chloroform
Concen: 0.802 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV009552.D
Acq: 08 Mar 2019 21:10

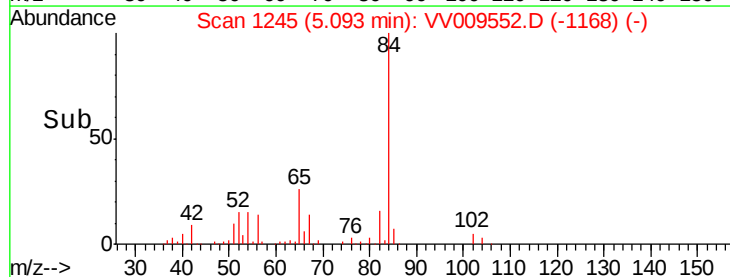
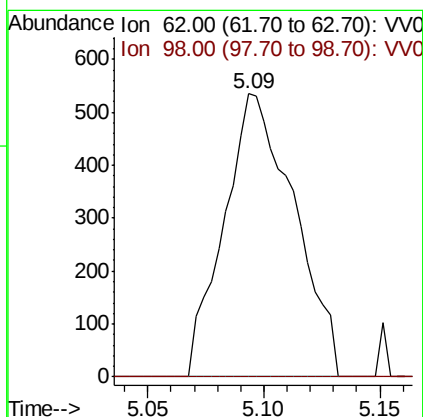
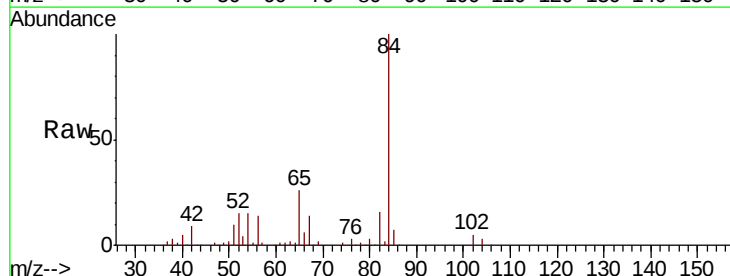
Instrument :
MSVOA_V
ClientSampled :
BF5N4

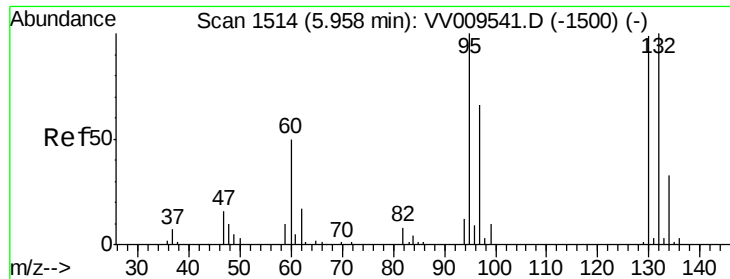
Tgt Ion: 83 Resp: 2842
Ion Ratio Lower Upper
83 100
85 72.7 45.4 84.2



#27
1,2-Dichloroethane
Concen: 0.458 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV009552.D
Acq: 08 Mar 2019 21:10

Tgt Ion: 62 Resp: 1127
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#35

Trichloroethene

Concen: 2.142 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV009552.D

Acq: 08 Mar 2019 21:10

Instrument :

MSVOA_V

ClientSampleId :

BF5N4

Tgt Ion: 95 Resp: 4571

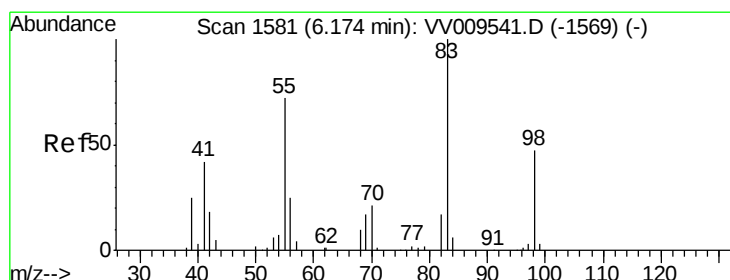
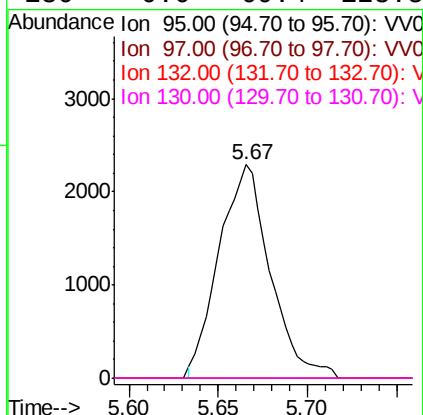
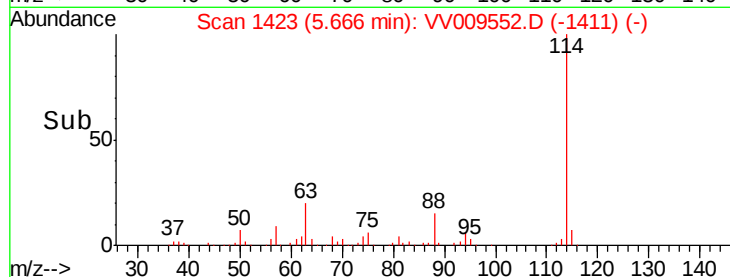
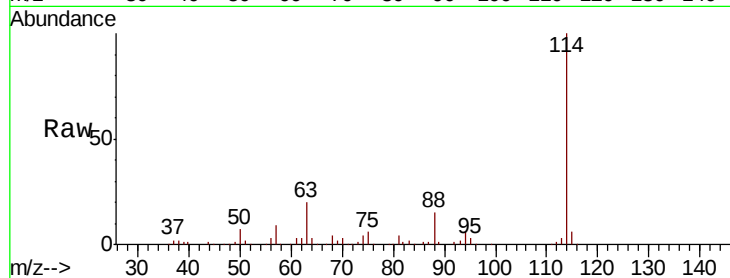
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 64.4 119.6#

130 0.0 69.4 128.8#



#36

Methylcyclohexane

Concen: 3.994 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV009552.D

Acq: 08 Mar 2019 21:10

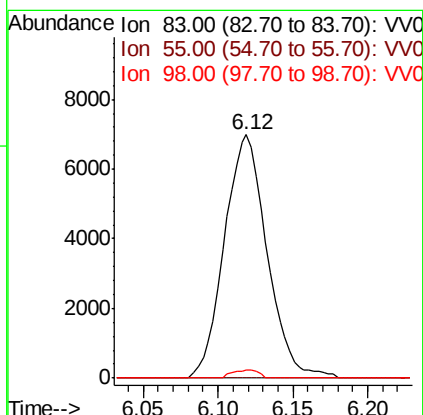
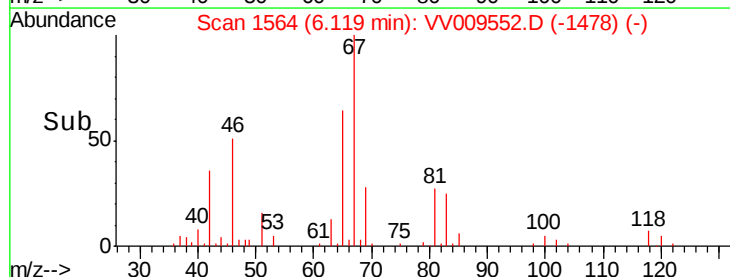
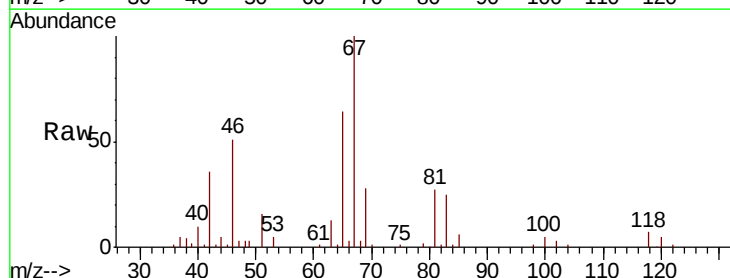
Tgt Ion: 83 Resp: 13884

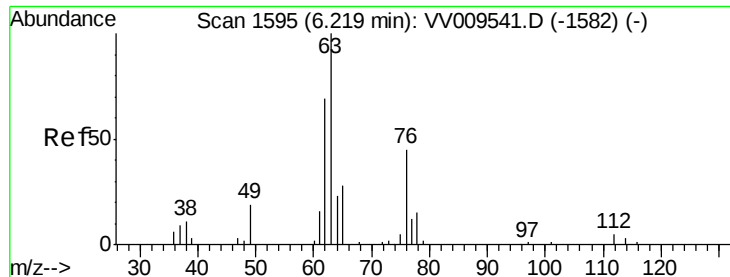
Ion Ratio Lower Upper

83 100

55 0.0 58.8 88.2#

98 2.1 37.7 56.5#

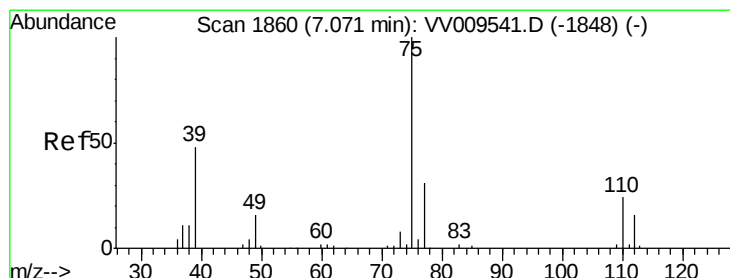
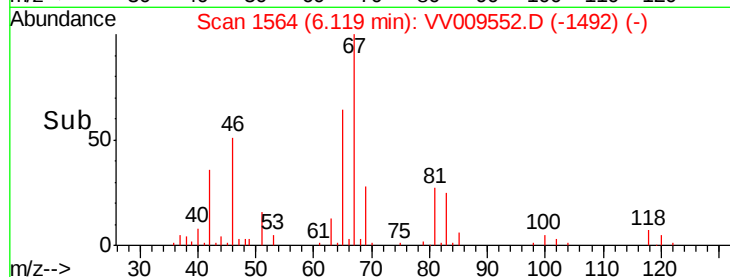
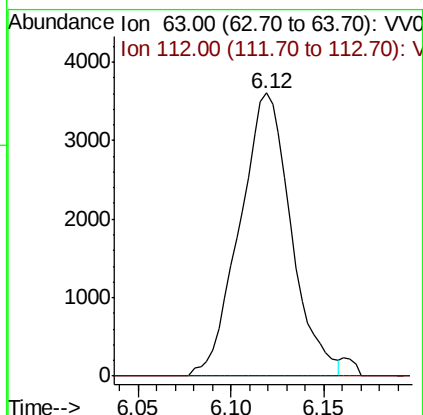
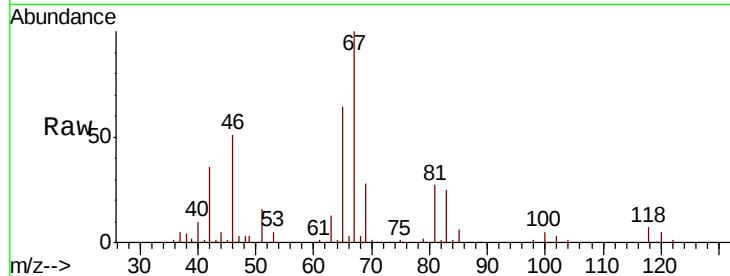




#40
 1,2-Dichloropropane
 Concen: 3.629 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009552.D
 Acq: 08 Mar 2019 21:10

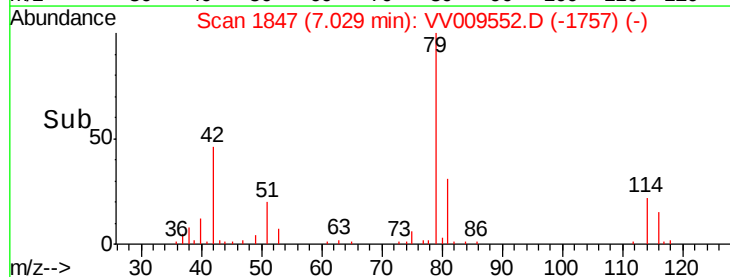
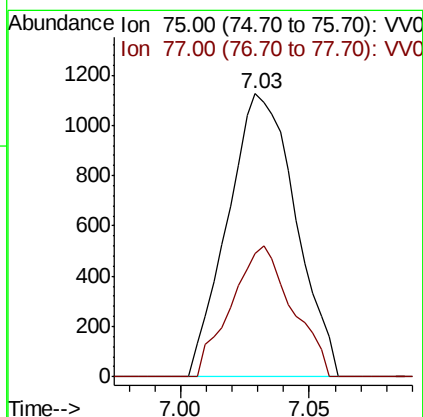
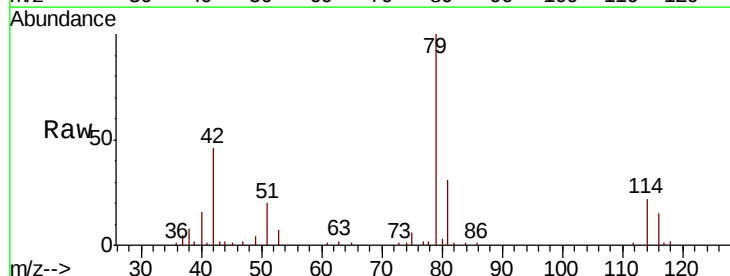
Instrument :
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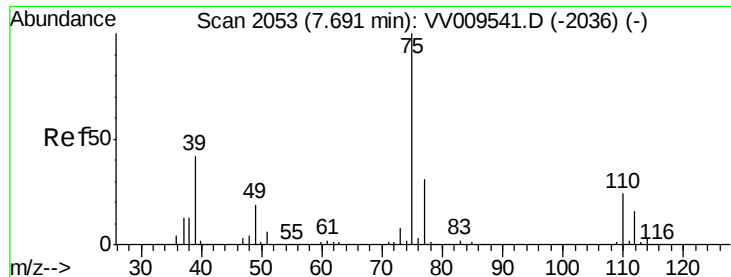
Tgt Ion: 63 Resp: 6948
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.694 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009552.D
 Acq: 08 Mar 2019 21:10

Tgt Ion: 75 Resp: 2063
 Ion Ratio Lower Upper
 75 100
 77 43.4 21.4 39.8#

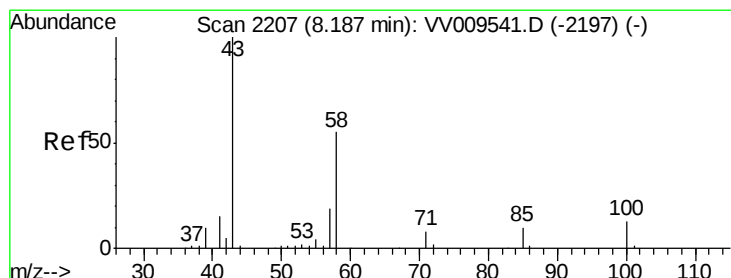
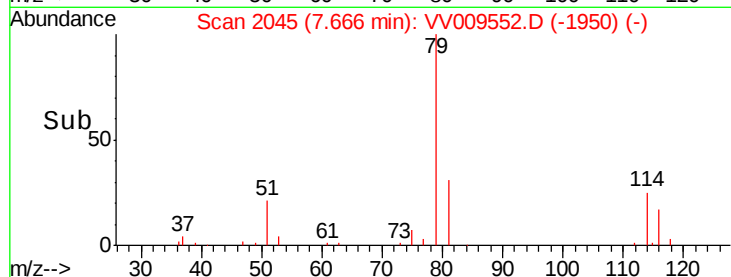
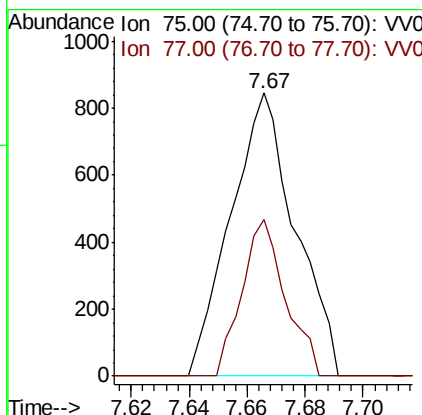
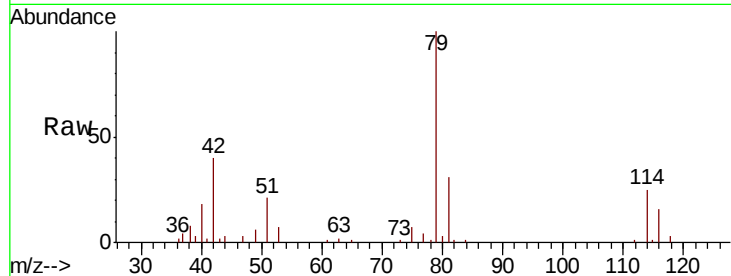




#45
trans-1,3-Dichloropropene
Concen: 0.502 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009552.D
Acq: 08 Mar 2019 21:10

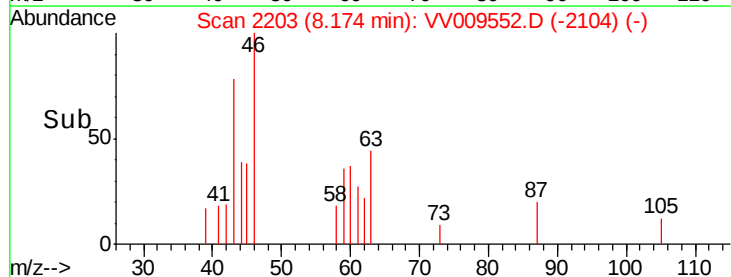
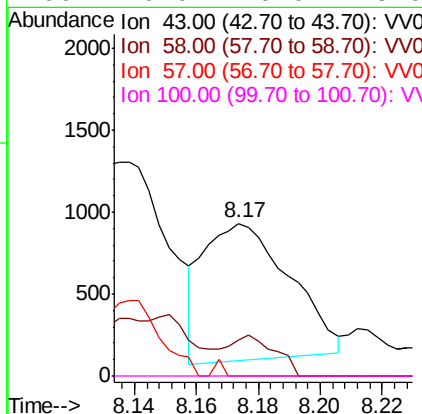
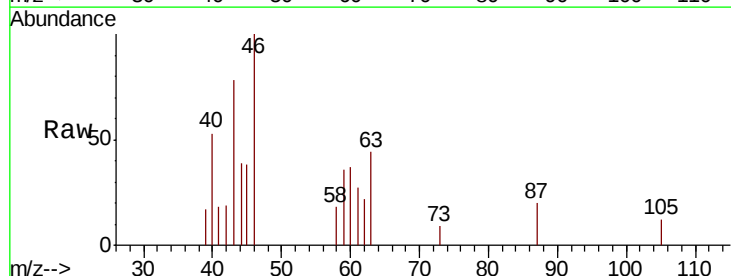
Instrument :
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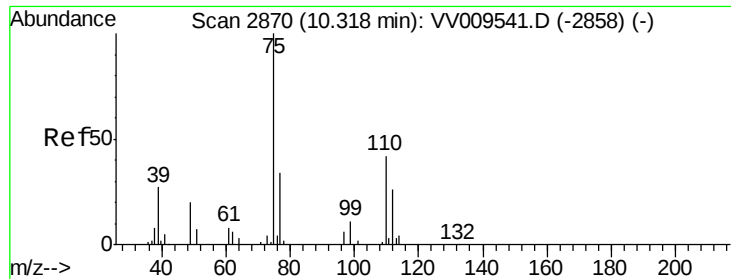
Tgt Ion: 75 Resp: 1303
Ion Ratio Lower Upper
75 100
77 55.5 22.5 41.7#



#49
2-Hexanone
Concen: 1.420 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VV009552.D
Acq: 08 Mar 2019 21:10

Tgt Ion: 43 Resp: 1620
Ion Ratio Lower Upper
43 100
58 15.4 46.3 69.5#
57 0.0 15.8 23.6#
100 0.0 10.0 15.0#





#59

1,2,3-Trichloropropane

Concen: 5.412 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009552.D

Acq: 08 Mar 2019 21:10

Instrument :

MSVOA_V

ClientSampleId :

BF5N4

Tgt Ion: 75 Resp: 8761

Ion Ratio Lower Upper

75 100

77 36.9 25.9 38.9

