

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015428.D
 Acq On : 09 Apr 2020 19:42
 Operator : SY/MD
 Sample : VV0409WBL02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 05:39:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 05:37:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	118682	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	113262	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54541	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30300	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.57	69	28531	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.12	63	44928	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.96	46	97115	56.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.34%
24) Chloroform-d	4.37	84	65496	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.06	65	39139	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.07	84	128663	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.09	67	41369	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.33	98	120032	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.64	79	16584	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.11	63	86946	52.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31025	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	45366	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

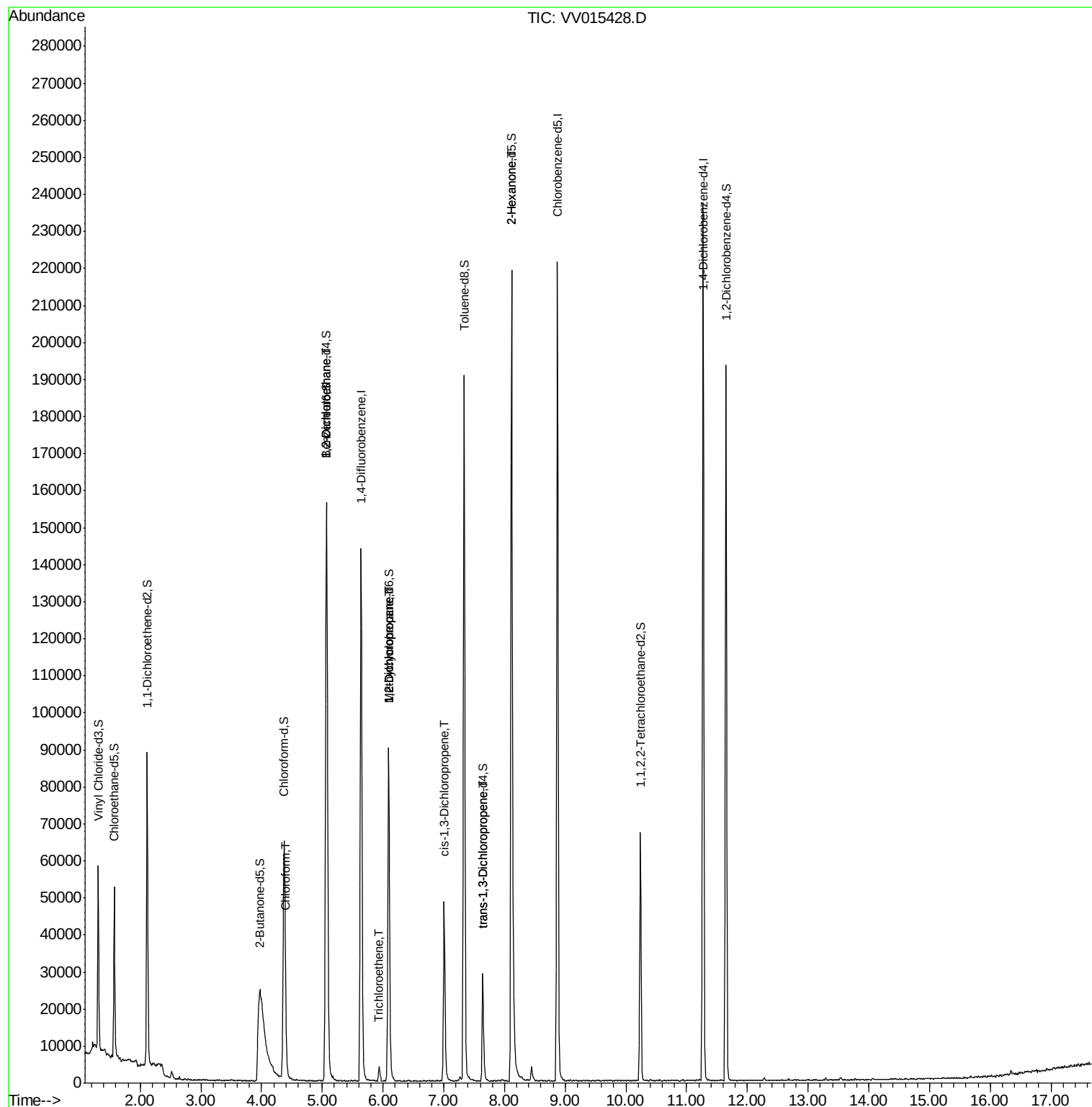
					Ovalue
25) Chloroform	4.40	83	2905	0.179 ug/L	98
27) 1,2-Dichloroethane	5.06	62	871	0.083 ug/L #	77
34) Trichloroethene	5.94	95	1254	0.137 ug/L	85
35) Methylcyclohexane	6.09	83	10313	0.671 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	4999	0.595 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1339	0.104 ug/L #	76
44) trans-1,3-Dichloropropene	7.64	75	736	0.067 ug/L #	71
48) 2-Hexanone	8.11	43	12808	3.320 ug/L #	70

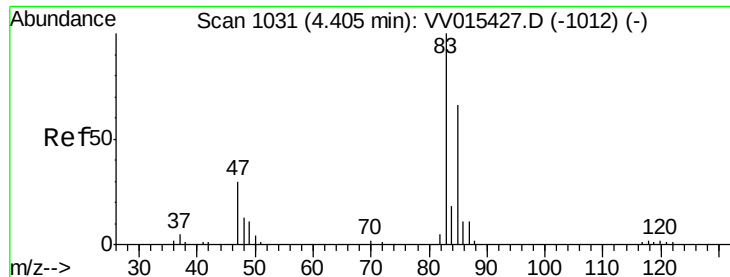
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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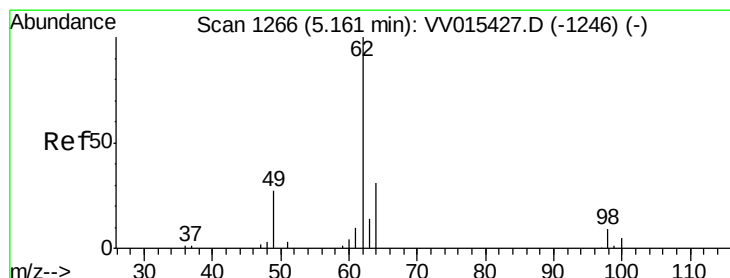
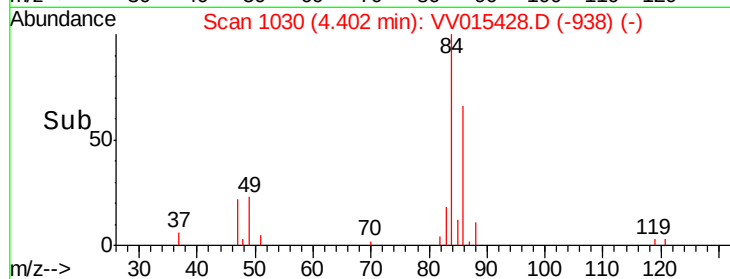
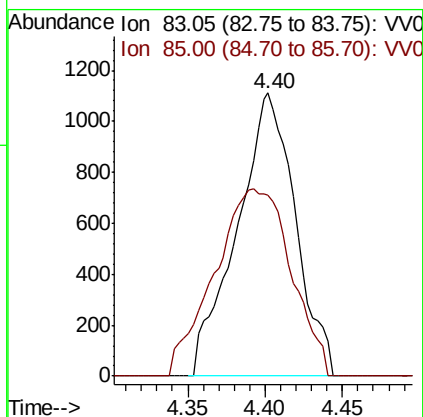
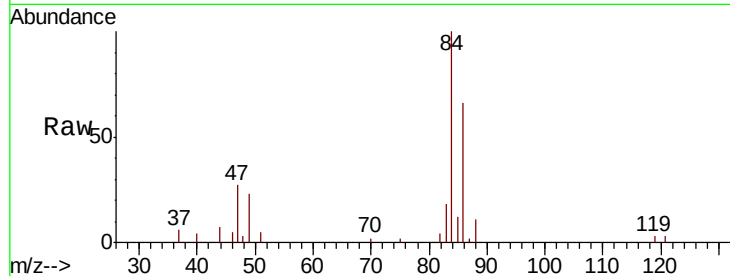




#25
Chloroform
Concen: 0.179 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015428.D
Acq: 09 Apr 2020 19:42

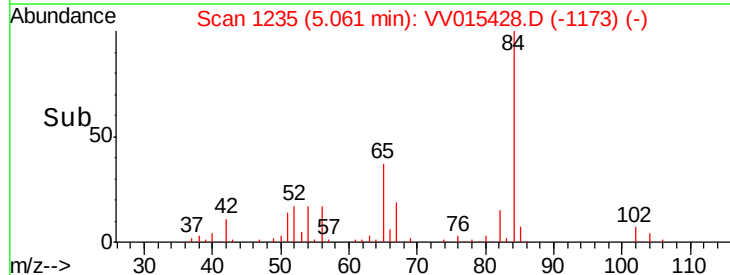
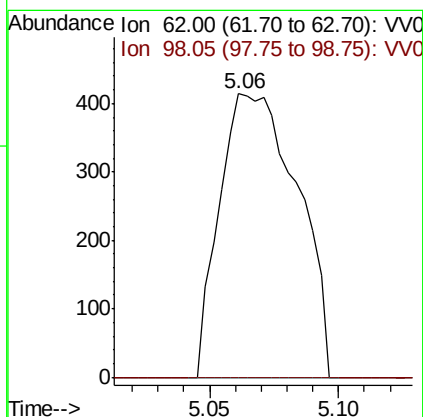
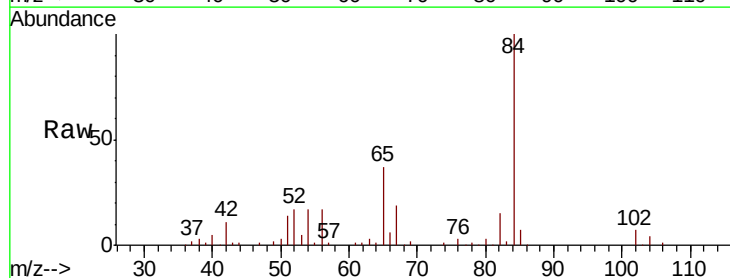
Instrument :
MSVOA_V
ClientSampleId :

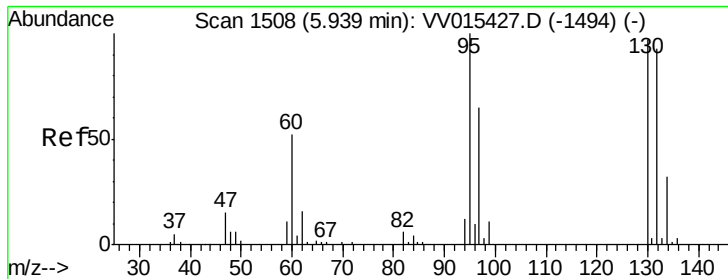
Tot Ion: 83 Resp: 2905
Ion Ratio Lower Upper
83 100
85 64.1 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.083 ug/L
RT: 5.06 min Scan# 1235
Delta R.T. -0.10 min
Lab File: VV015428.D
Acq: 09 Apr 2020 19:42

Tgt Ion: 62 Resp: 871
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#34

Trichloroethene

Concen: 0.137 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

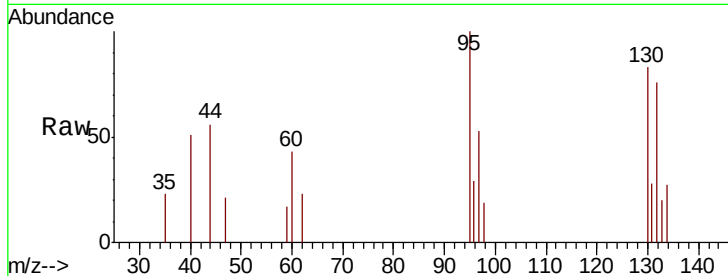
Lab File: VV015428.D

Acq: 09 Apr 2020 19:42

Instrument :

MSVOA_V

ClientSampled :



Tot Ion: 95 Resp: 1254

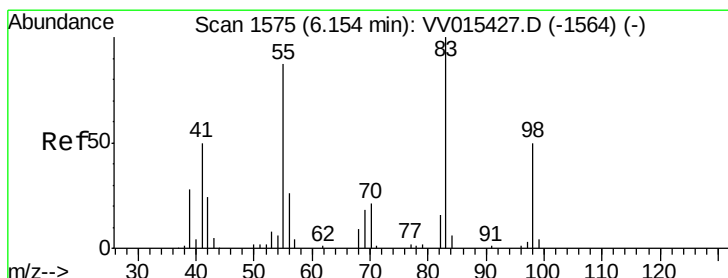
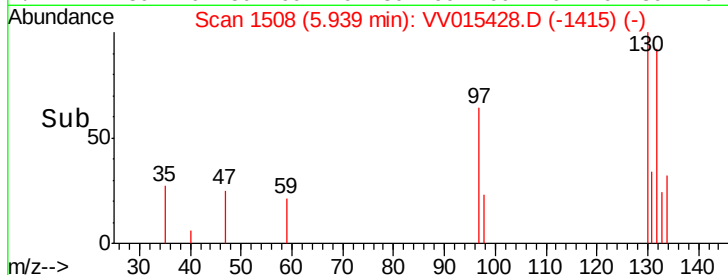
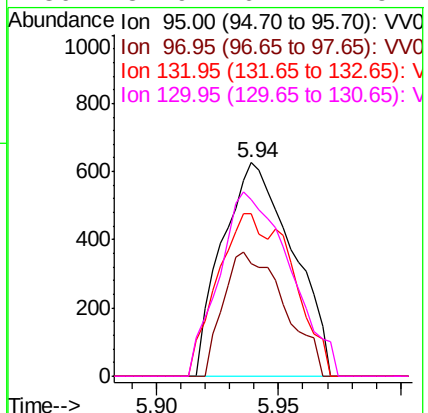
Ion Ratio Lower Upper

95 100

97 53.0 45.4 84.4

132 76.2 64.8 120.4

130 82.9 67.4 125.2



#35

Methylcyclohexane

Concen: 0.671 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015428.D

Acq: 09 Apr 2020 19:42

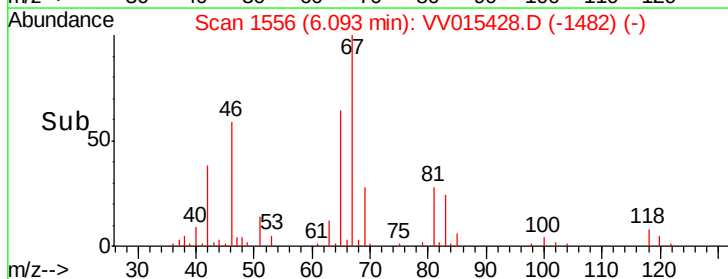
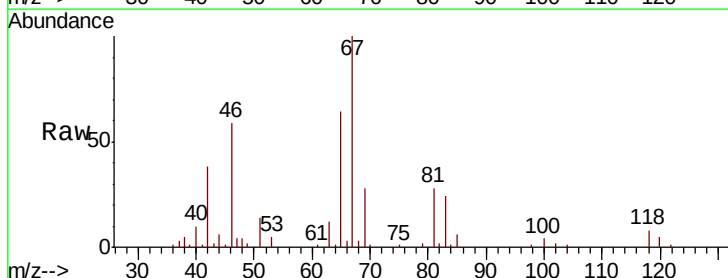
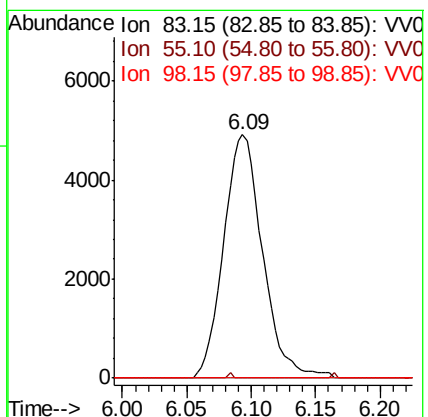
Tgt Ion: 83 Resp: 10313

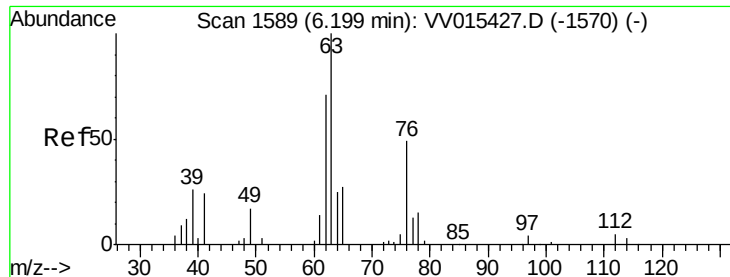
Ion Ratio Lower Upper

83 100

55 0.2 66.6 99.8#

98 2.1 38.7 58.1#

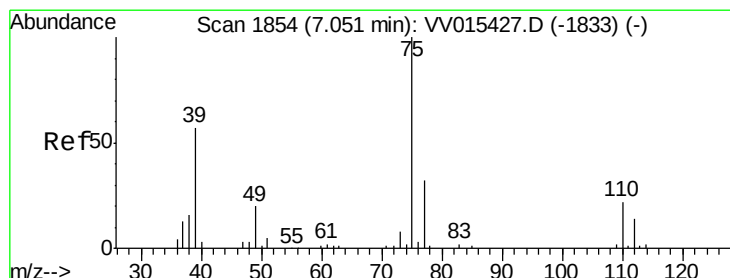
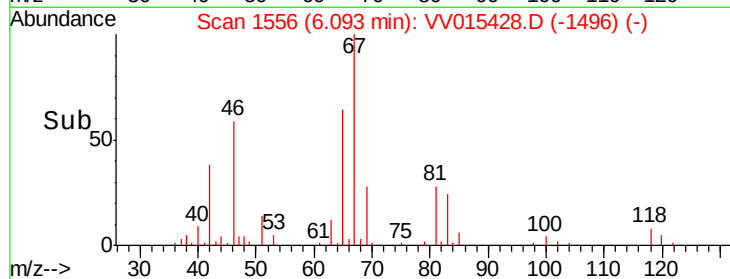
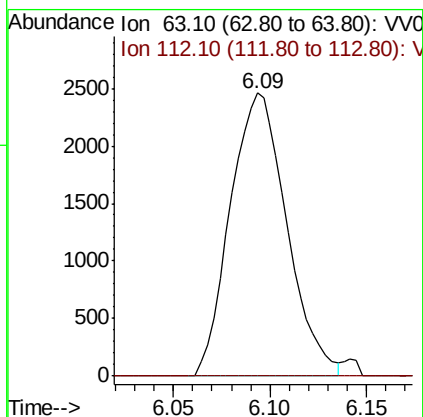
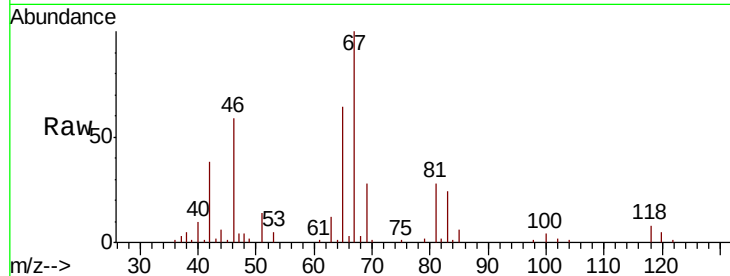




#37
 1,2-Dichloropropane
 Concen: 0.595 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV015428.D
 Acq: 09 Apr 2020 19:42

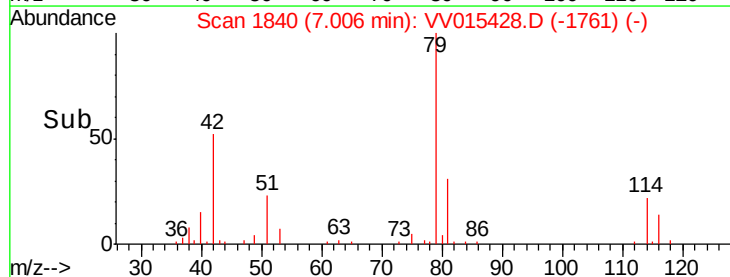
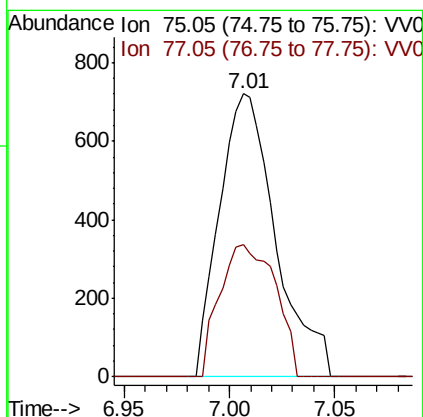
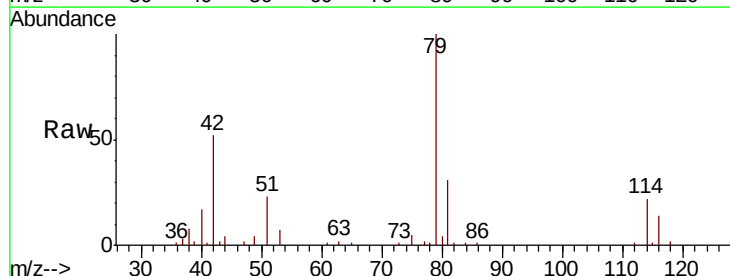
Instrument :
 MSVOA_V
 ClientSampled :

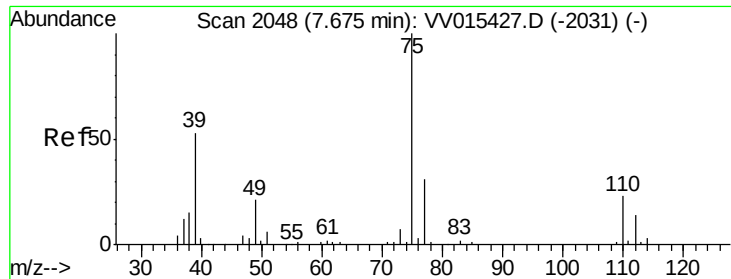
Tot Ion: 63 Resp: 4999
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015428.D
 Acq: 09 Apr 2020 19:42

Tgt Ion: 75 Resp: 1339
 Ion Ratio Lower Upper
 75 100
 77 46.6 23.0 42.6#





#44

trans-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015428.D

Acq: 09 Apr 2020 19:42

Instrument :

MSVOA_V

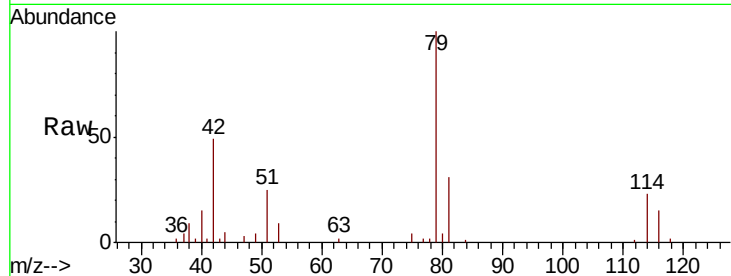
ClientSampled :

Tot Ion: 75 Resp: 736

Ion Ratio Lower Upper

75 100

77 45.6 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.64

400

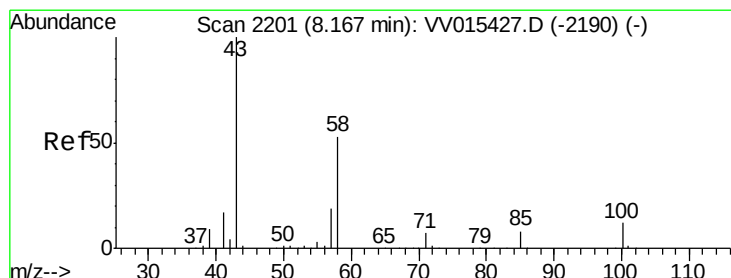
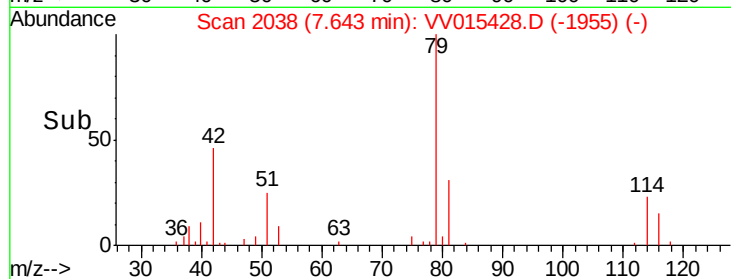
300

200

100

0

Time--> 7.60 7.65



#48

2-Hexanone

Concen: 3.320 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015428.D

Acq: 09 Apr 2020 19:42

Tgt Ion: 43 Resp: 12808

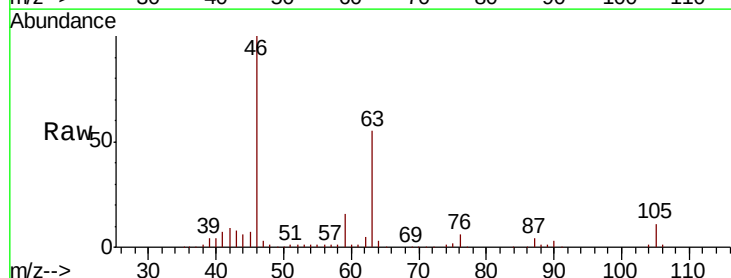
Ion Ratio Lower Upper

43 100

58 24.6 41.4 62.0#

57 20.5 15.0 22.4

100 0.0 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

8000

6000

4000

2000

0

Time--> 8.10 8.20

