

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041020\
 Data File : VV015450.D
 Acq On : 10 Apr 2020 13:46
 Operator : SY/MD
 Sample : VV0410WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 11 04:50:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 11 04:49:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	115063	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	109535	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53685	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36845	6.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.40%
7) Chloroethane-d5	1.58	69	31545	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.80%
11) 1,1-Dichloroethene-d2	2.12	63	51619	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	3.93	46	80758	48.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.36%
24) Chloroform-d	4.38	84	61419	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	35750	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.07	84	131107	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.09	67	39693	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.34	98	122661	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloropropene-	7.64	79	15871	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.11	63	62278	39.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.46%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27566	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	43321	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

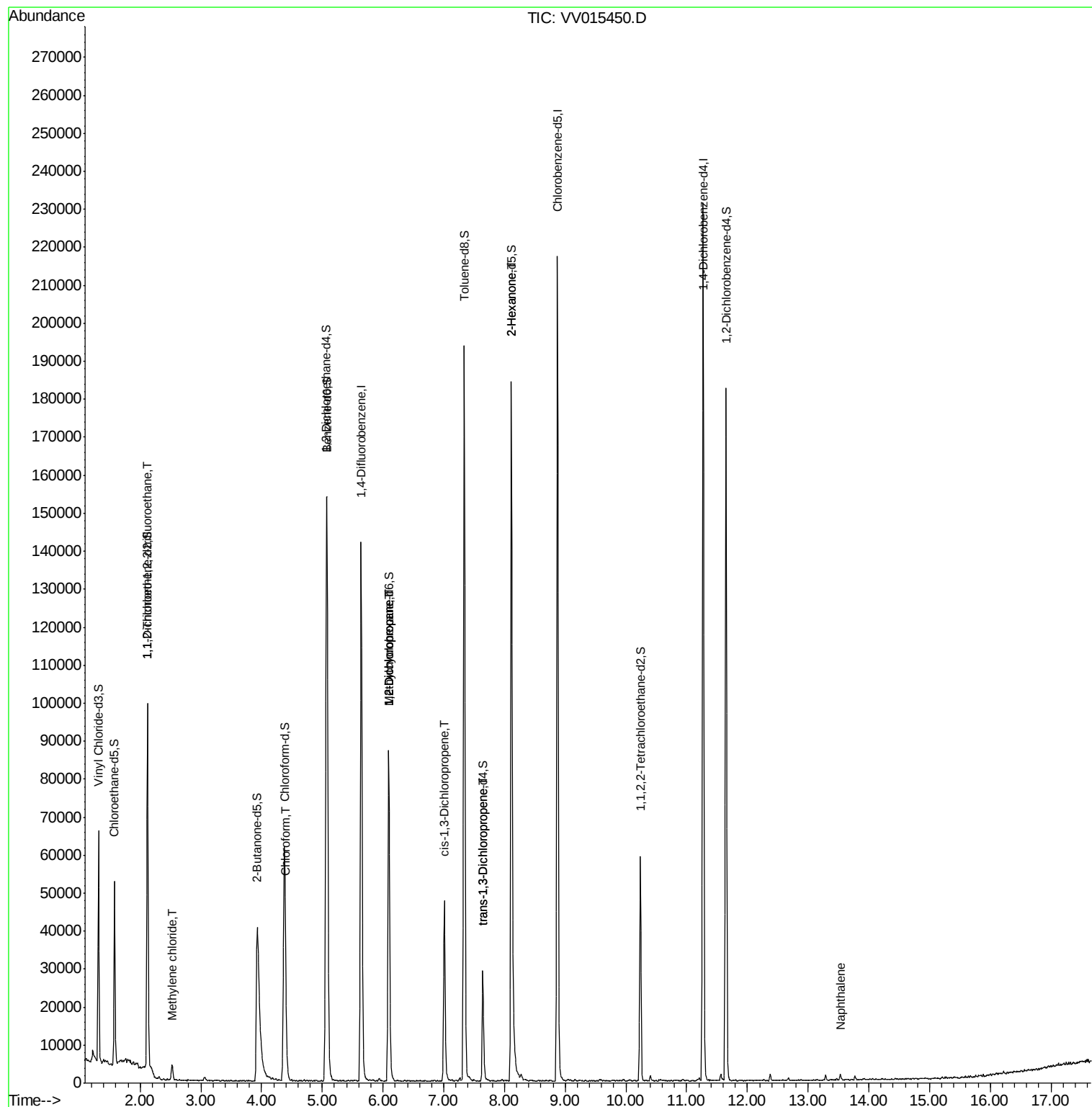
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	573	0.076	ug/L #	20
16) Methylene chloride	2.53	84	1845	0.218	ug/L	88
25) Chloroform	4.40	83	5813	0.370	ug/L	96
35) Methylcyclohexane	6.09	83	9837	0.662	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	4725	0.581	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1219	0.098	ug/L #	78
44) trans-1,3-Dichloropropene	7.64	75	798	0.076	ug/L	87
48) 2-Hexanone	8.11	43	8765	2.350	ug/L #	80
69) Naphthalene	13.53	128	1763	0.083	ug/L #	79

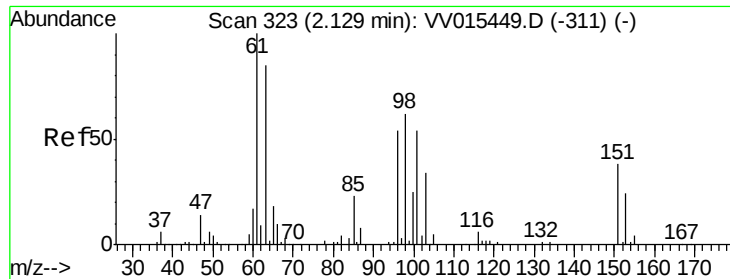
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 11 04:50:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 11 04:49:20 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.076 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015450.D

Acq: 10 Apr 2020 13:46

Instrument :

MSVOA_V

ClientSampled :

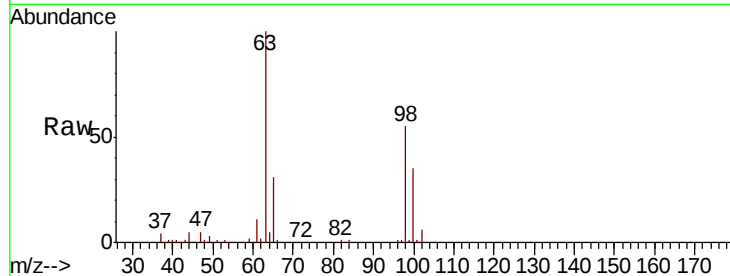
Tot Ion:101 Resp: 573

Ion Ratio Lower Upper

101 100

85 0.0 36.3 54.5#

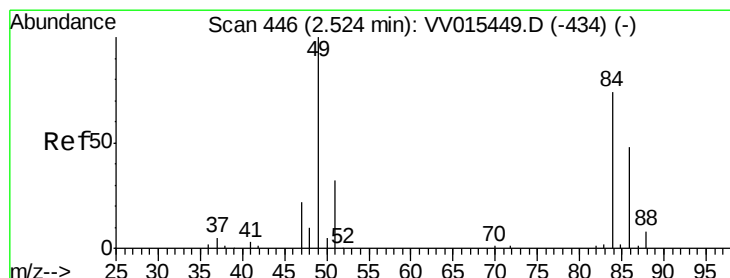
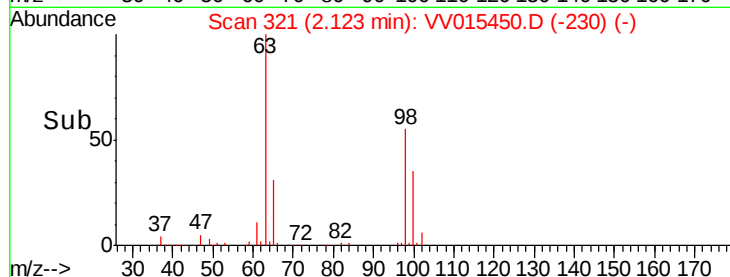
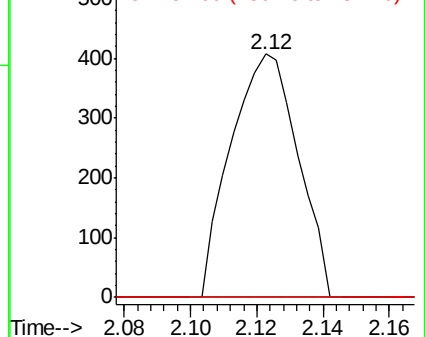
151 0.0 58.2 87.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.218 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.01 min

Lab File: VV015450.D

Acq: 10 Apr 2020 13:46

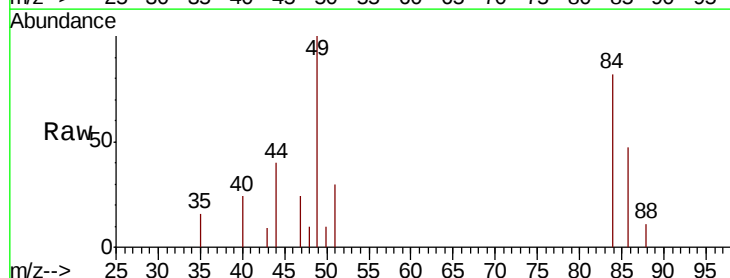
Tgt Ion: 84 Resp: 1845

Ion Ratio Lower Upper

84 100

86 57.6 45.1 83.7

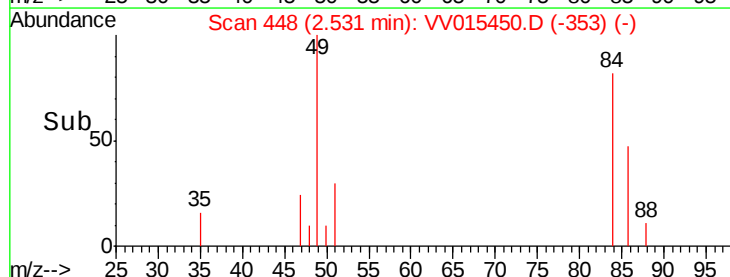
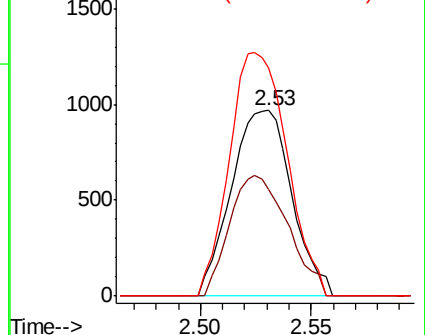
49 122.6 97.9 181.7

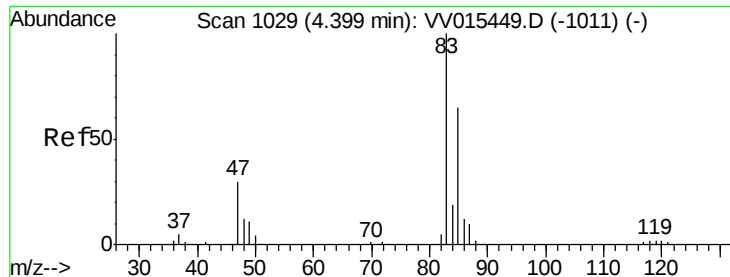


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

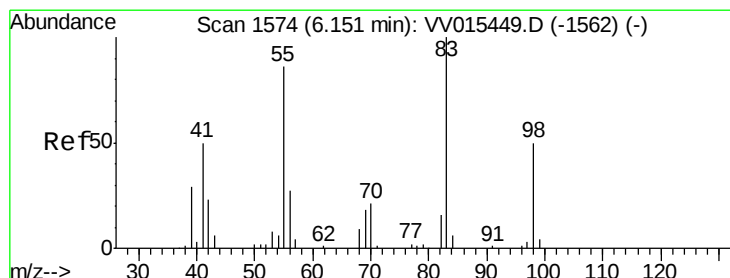
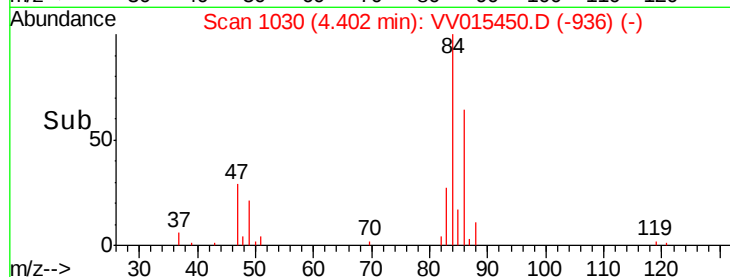
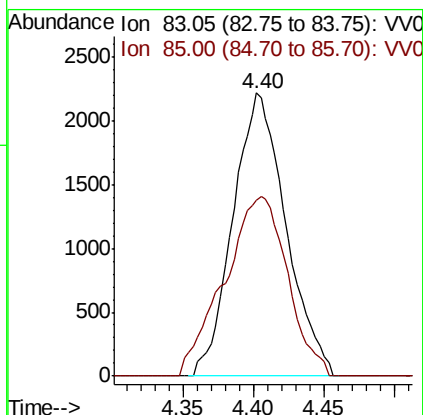
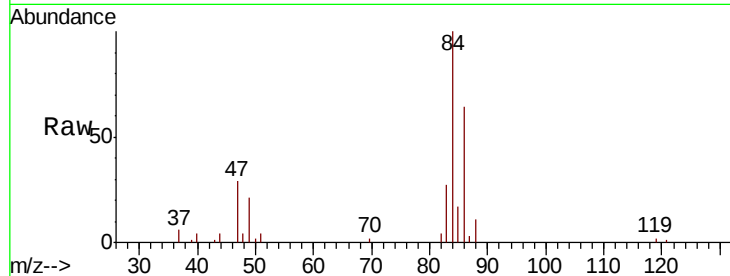




#25
Chloroform
Concen: 0.370 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015450.D
Acq: 10 Apr 2020 13:46

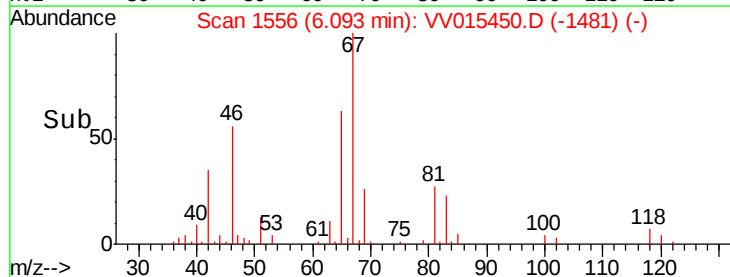
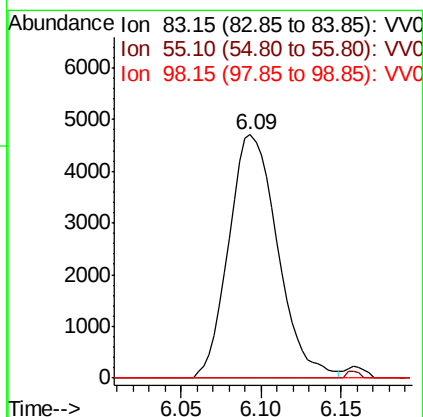
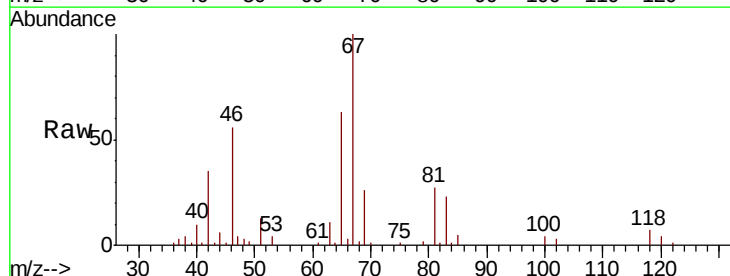
Instrument :
MSVOA_V
ClientSampleId :

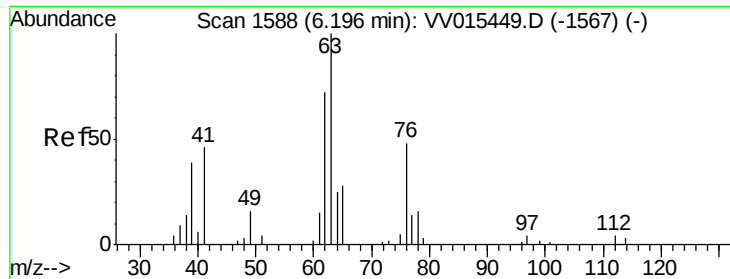
Tot Ion: 83 Resp: 5813
Ion Ratio Lower Upper
83 100
85 62.2 45.9 85.3



#35
Methylcyclohexane
Concen: 0.662 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015450.D
Acq: 10 Apr 2020 13:46

Tgt Ion: 83 Resp: 9837
Ion Ratio Lower Upper
83 100
55 0.7 66.6 99.8#
98 0.0 38.7 58.1#

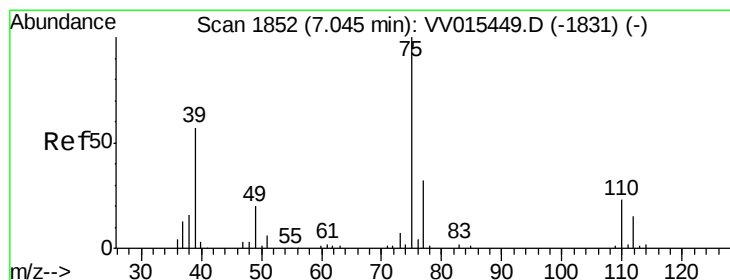
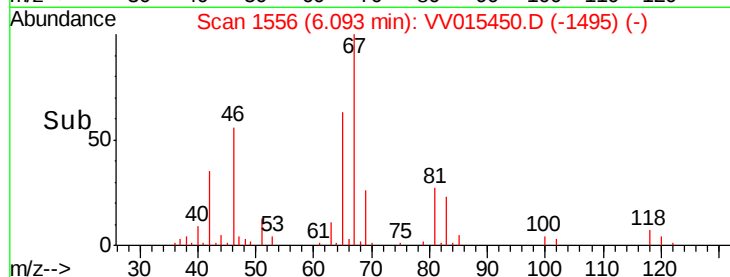
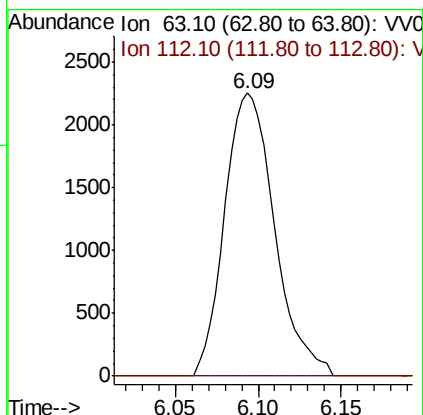
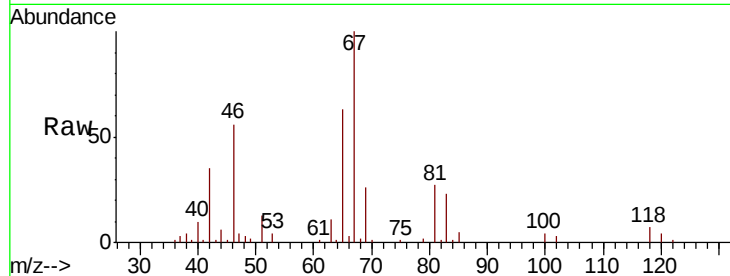




#37
 1,2-Dichloropropane
 Concen: 0.581 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015450.D
 Acq: 10 Apr 2020 13:46

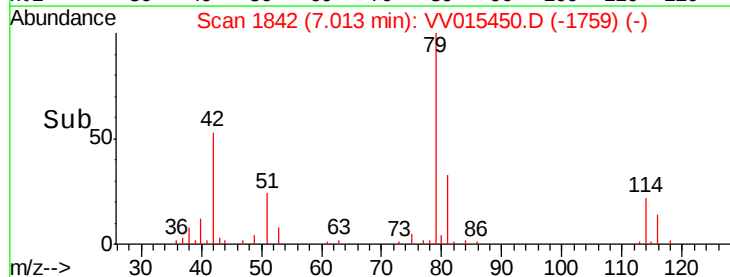
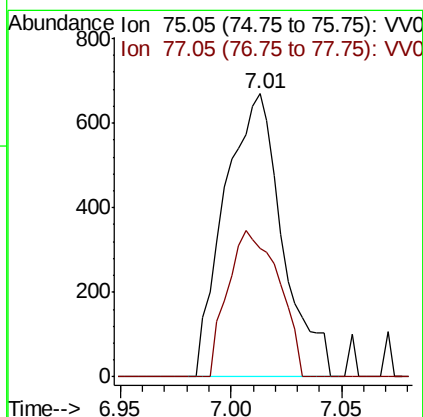
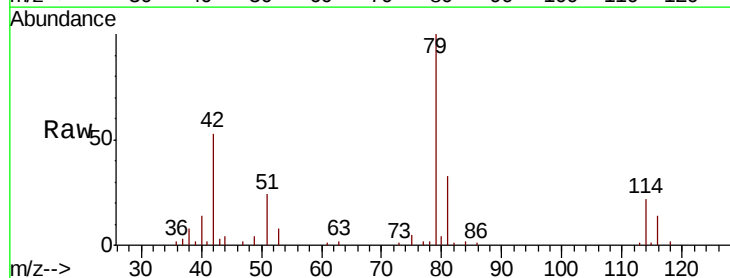
Instrument :
 MSVOA_V
 ClientSampled :

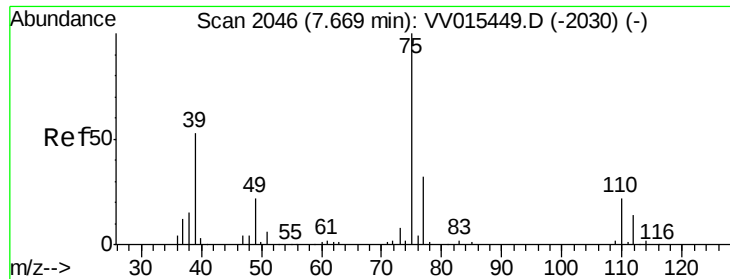
Tot Ion: 63 Resp: 4725
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: VV015450.D
 Acq: 10 Apr 2020 13:46

Tgt Ion: 75 Resp: 1219
 Ion Ratio Lower Upper
 75 100
 77 45.3 23.0 42.6#

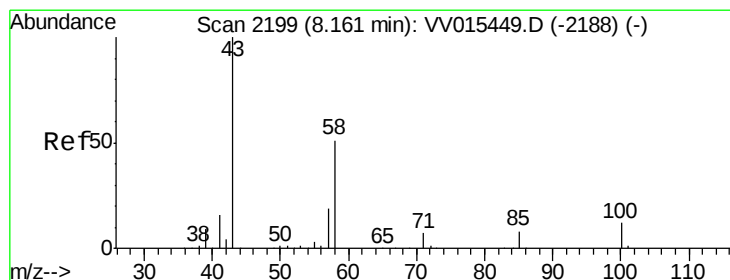
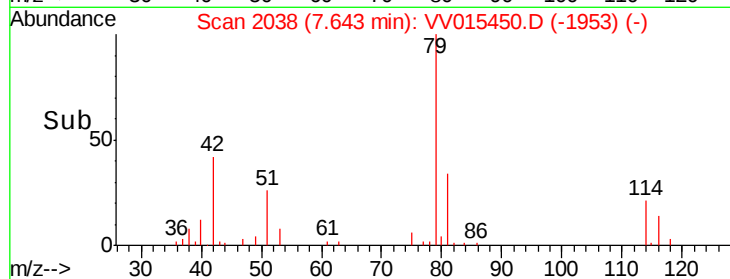
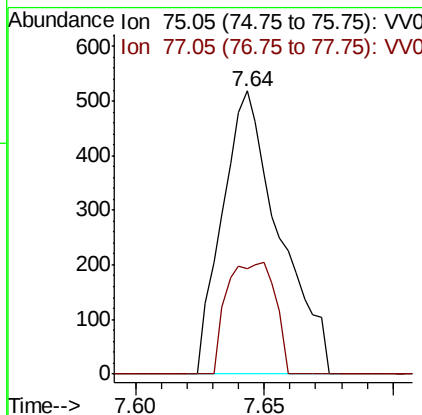
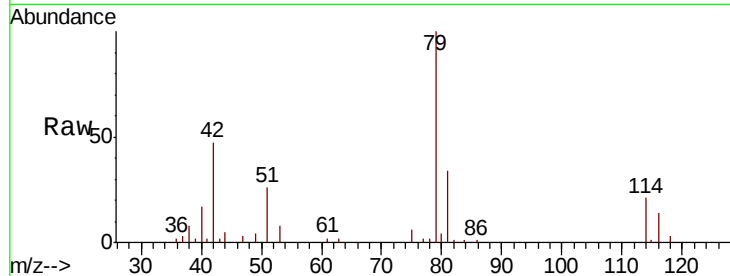




#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015450.D
Acq: 10 Apr 2020 13:46

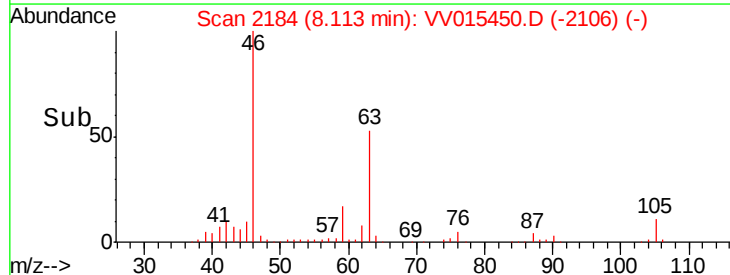
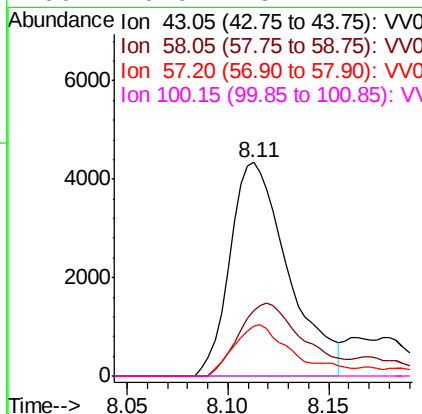
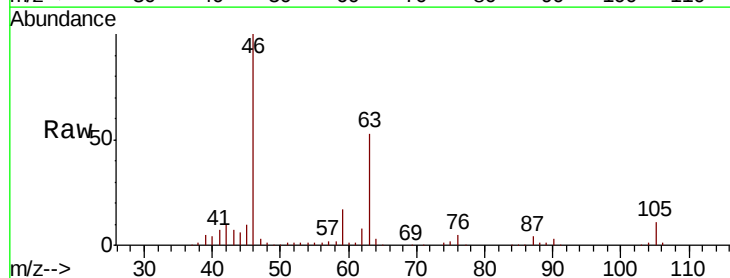
Instrument :
MSVOA_V
ClientSampled :

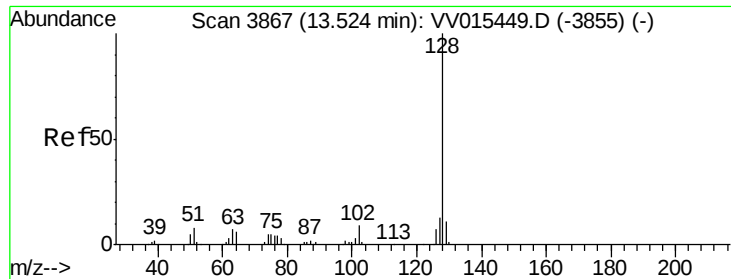
Tot Ion: 75 Resp: 798
Ion Ratio Lower Upper
75 100
77 37.3 21.0 39.0



#48
2-Hexanone
Concen: 2.350 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV015450.D
Acq: 10 Apr 2020 13:46

Tgt Ion: 43 Resp: 8765
Ion Ratio Lower Upper
43 100
58 37.6 41.4 62.0#
57 24.8 15.0 22.4#
100 0.0 9.4 14.2#





#69

Naphthalene

Concen: 0.083 ug/L

RT: 13.53 min Scan# 3870

Delta R.T. 0.01 min

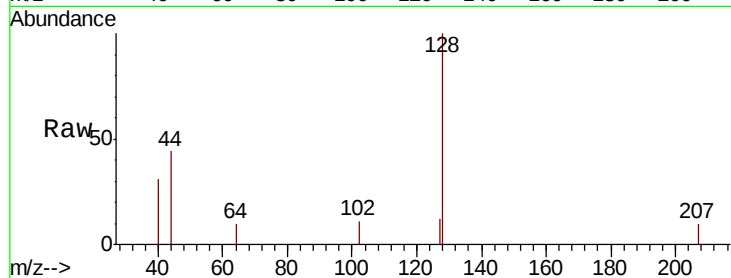
Lab File: VV015450.D

Acq: 10 Apr 2020 13:46

Instrument :

MSVOA_V

ClientSampleId :



Tot Ion:128 Resp: 1763

Ion Ratio Lower Upper

128 100

129 2.6 8.6 13.0#

127 5.2 10.4 15.6#

Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

