

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041720\
 Data File : VV015546.D
 Acq On : 17 Apr 2020 11:35
 Operator : SY/MD
 Sample : VV0417WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 18 00:39:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 00:37:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	100358	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	94375	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	45846	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26337	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	24931	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.12	63	39762	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.92	46	75328	51.52	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.04%
24) Chloroform-d	4.38	84	57658	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.06	65	32946	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.07	84	110092	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.09	67	34952	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.34	98	100199	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.64	79	13899	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.11	63	62236	45.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	22403	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	36547	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

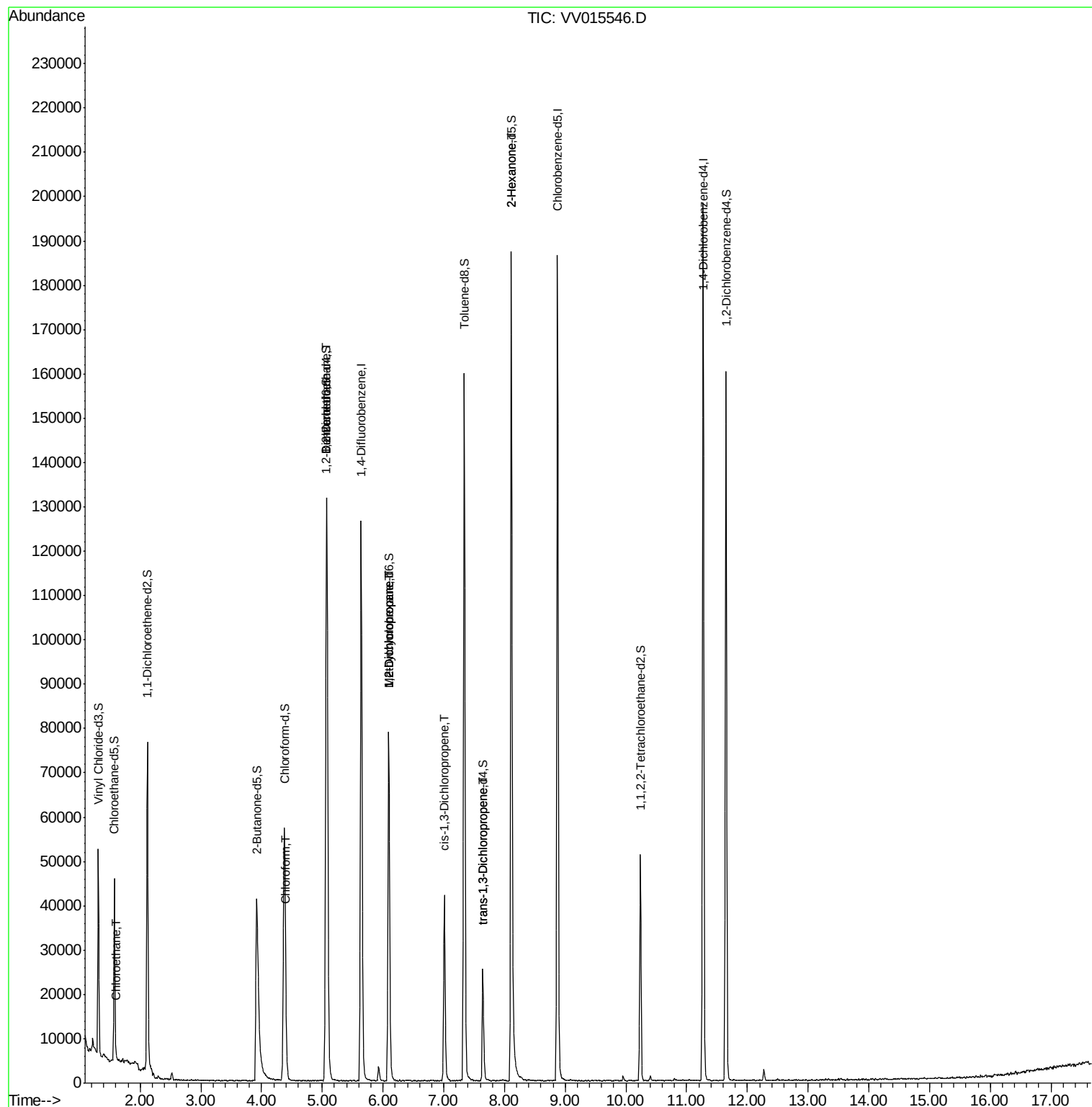
					Ovalue
8) Chloroethane	1.60	64	533	0.101 ug/L #	43
25) Chloroform	4.41	83	2088	0.152 ug/L	93
27) 1,2-Dichloroethane	5.07	62	730	0.082 ug/L #	77
35) Methylcyclohexane	6.09	83	8672	0.677 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	4296	0.613 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1050	0.098 ug/L #	57
44) trans-1,3-Dichloropropene	7.64	75	621	0.068 ug/L	89
48) 2-Hexanone	8.11	43	8757	2.724 ug/L #	73

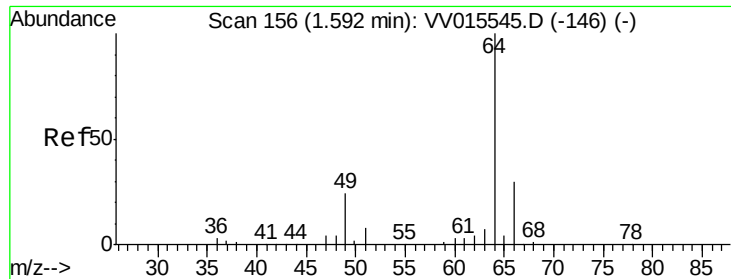
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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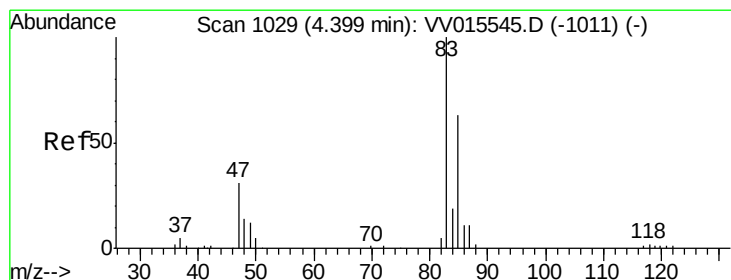
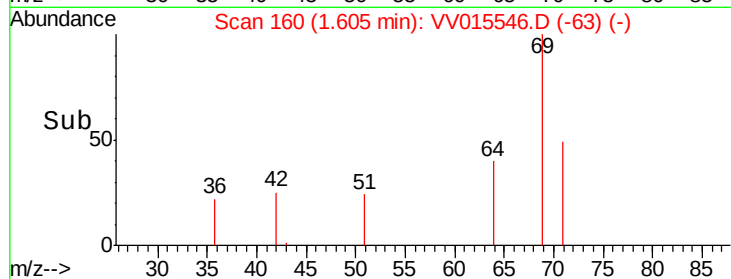
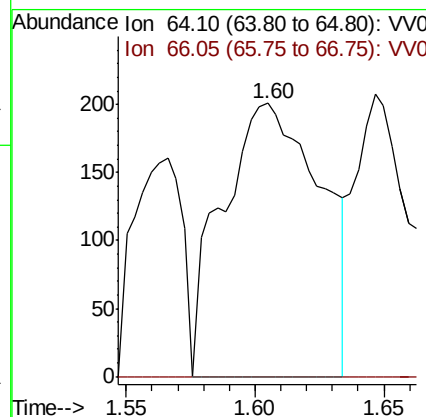
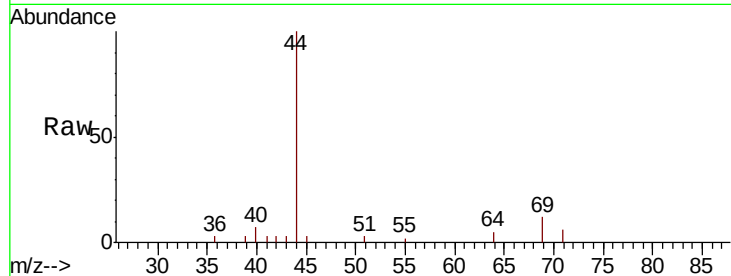




#8
Chloroethane
Concen: 0.101 ug/L
RT: 1.60 min Scan# 160
Delta R.T. 0.01 min
Lab File: VV015546.D
Acq: 17 Apr 2020 11:35

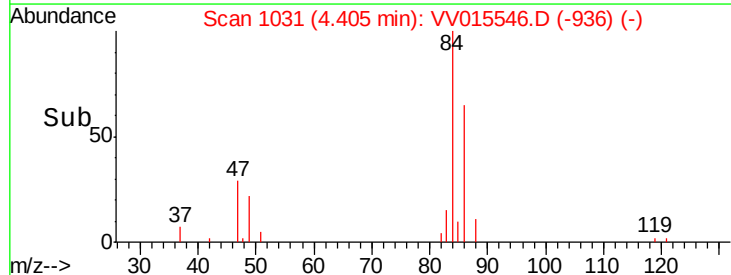
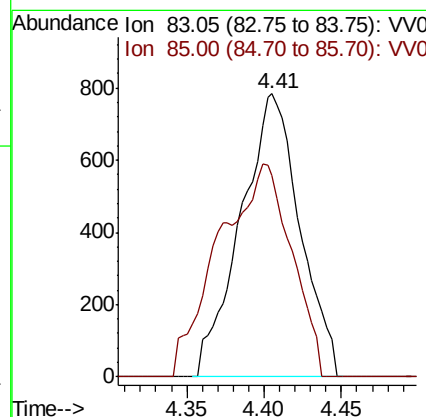
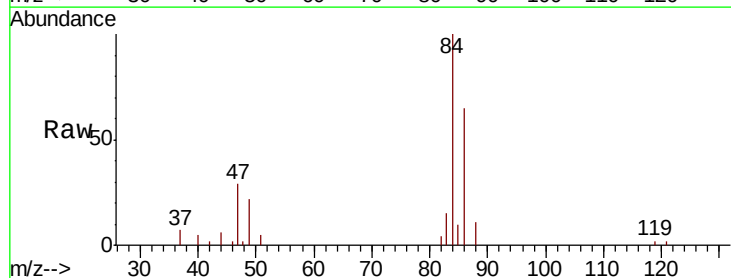
Instrument :
MSVOA_V
ClientSampleId :

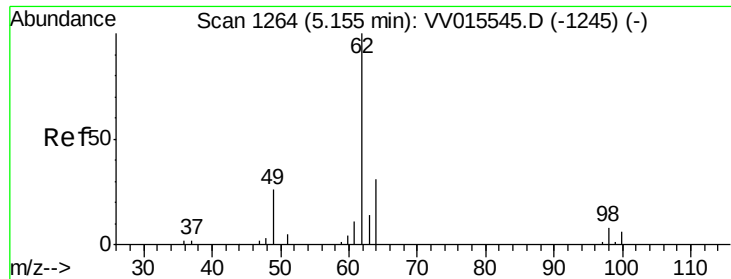
Tot Ion: 64 Resp: 533
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.5#



#25
Chloroform
Concen: 0.152 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015546.D
Acq: 17 Apr 2020 11:35

Tgt Ion: 83 Resp: 2088
Ion Ratio Lower Upper
83 100
85 71.0 45.9 85.3

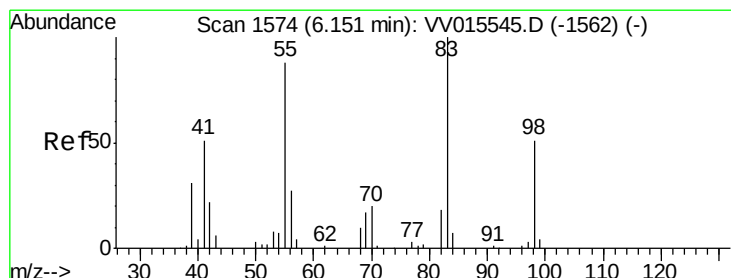
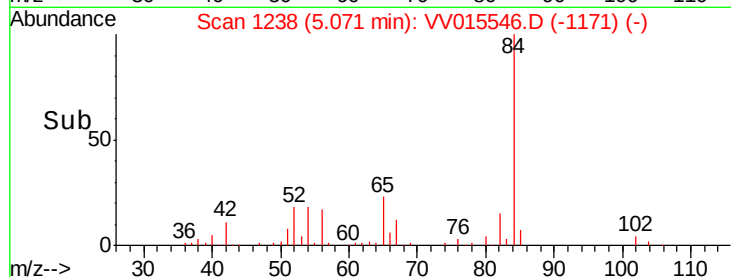
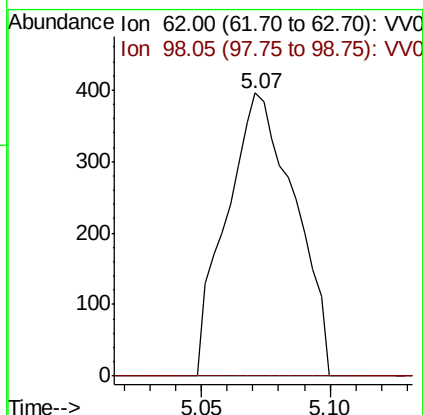
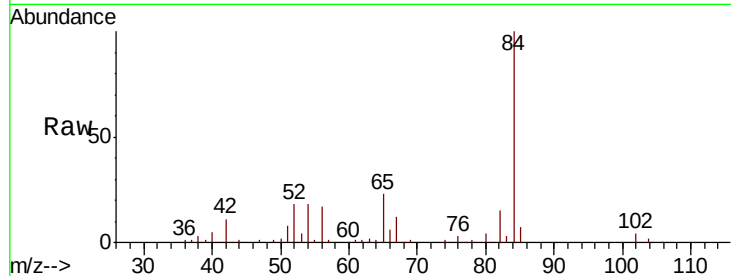




#27
 1,2-Dichloroethane
 Concen: 0.082 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV015546.D
 Acq: 17 Apr 2020 11:35

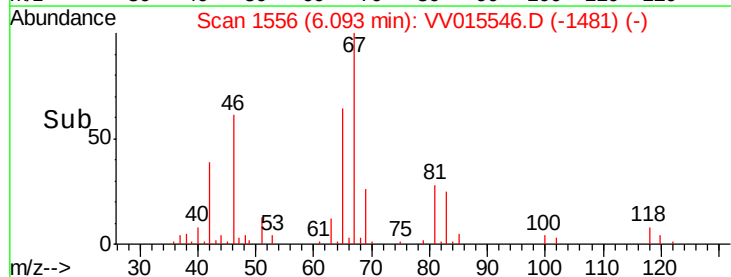
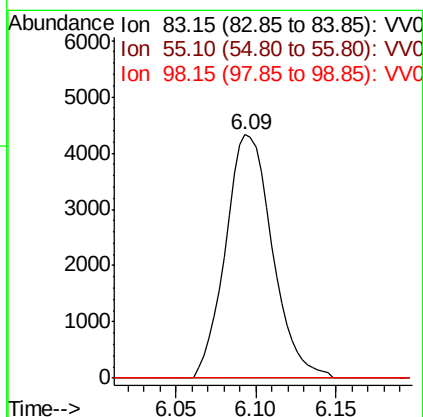
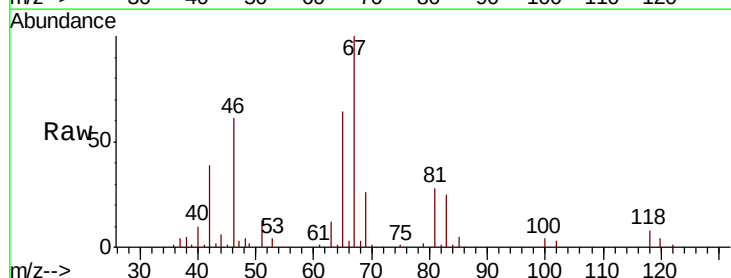
Instrument :
 MSVOA_V
 ClientSampleId :

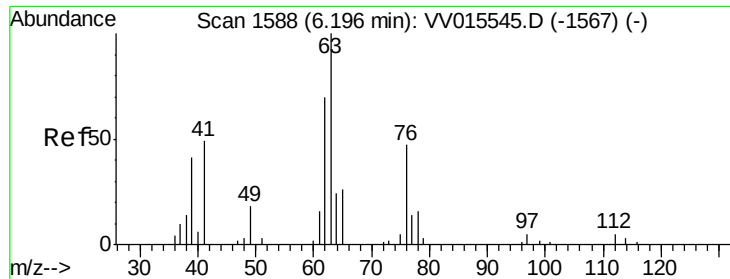
Tot Ion: 62 Resp: 730
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.677 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015546.D
 Acq: 17 Apr 2020 11:35

Tgt Ion: 83 Resp: 8672
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 7.3 38.7 58.1#

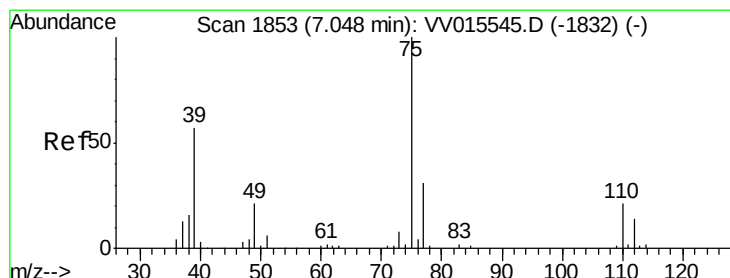
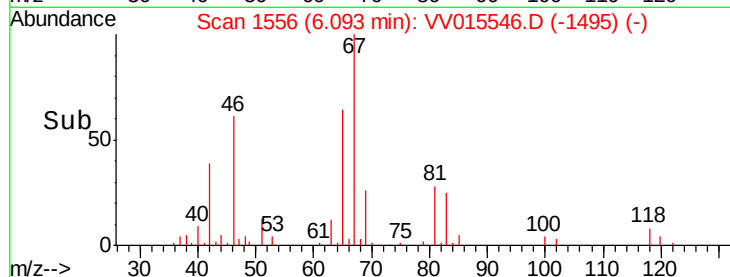
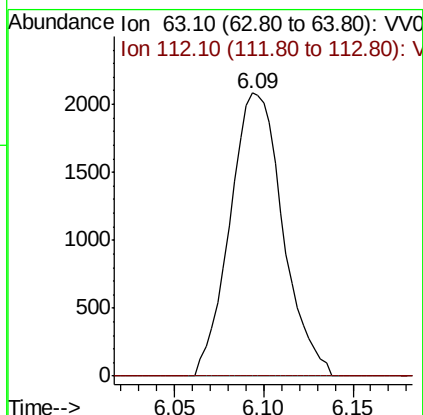
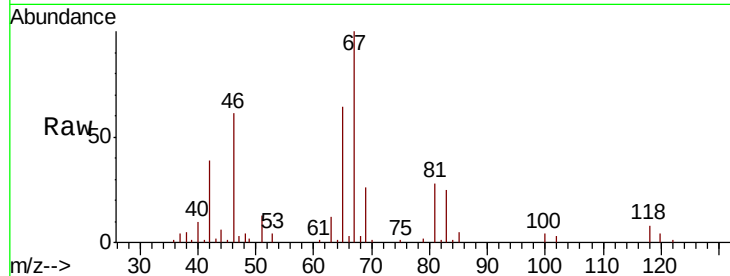




#37
 1,2-Dichloropropane
 Concen: 0.613 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015546.D
 Acq: 17 Apr 2020 11:35

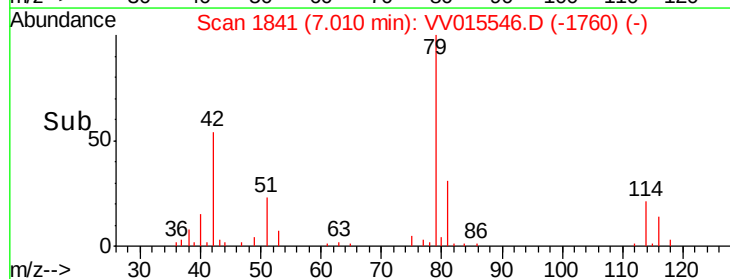
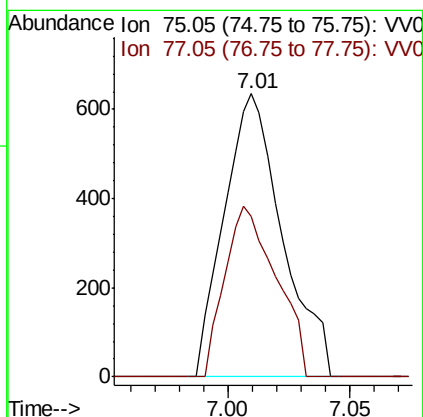
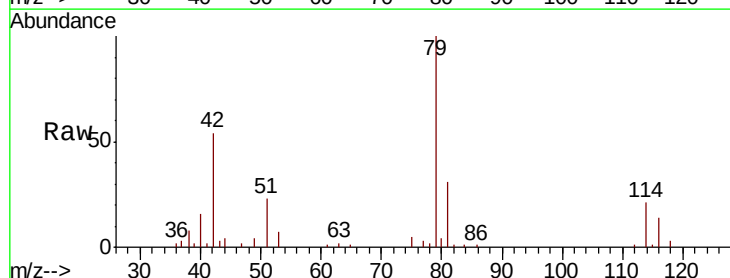
Instrument :
 MSVOA_V
 ClientSampleId :

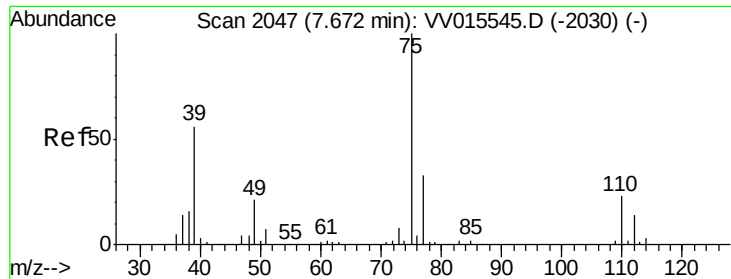
Tot Ion: 63 Resp: 4296
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015546.D
 Acq: 17 Apr 2020 11:35

Tgt Ion: 75 Resp: 1050
 Ion Ratio Lower Upper
 75 100
 77 56.9 23.0 42.6#





#44

trans-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV015546.D

Acq: 17 Apr 2020 11:35

Instrument :

MSVOA_V

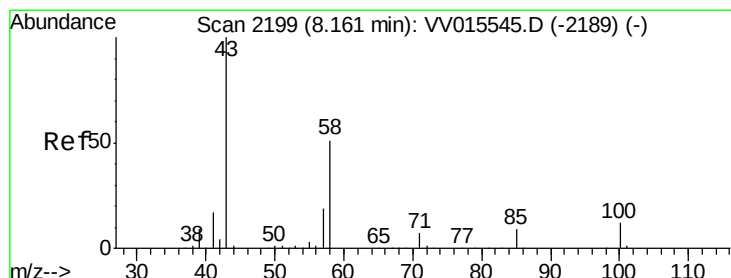
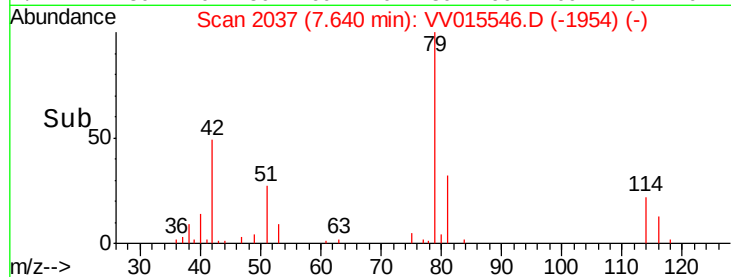
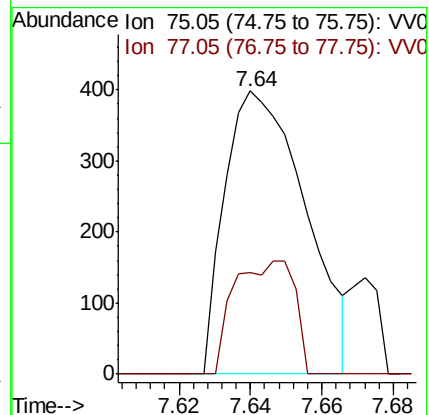
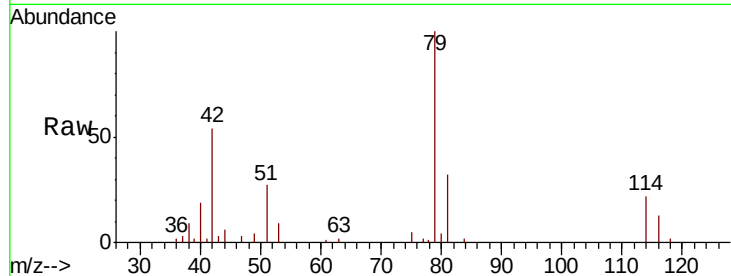
ClientSampleId :

Tot Ion: 75 Resp: 621

Ion Ratio Lower Upper

75 100

77 35.9 21.0 39.0



#48

2-Hexanone

Concen: 2.724 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015546.D

Acq: 17 Apr 2020 11:35

Tgt Ion: 43 Resp: 8757

Ion Ratio Lower Upper

43 100

58 29.2 41.4 62.0#

57 24.3 15.0 22.4#

100 0.0 9.4 14.2#

