

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041620\
 Data File : VV015531.D
 Acq On : 16 Apr 2020 12:47
 Operator : SY/MD
 Sample : L2288-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 00:49:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 17 00:46:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	105020	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	96764	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	48386	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27093	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.57	69	24126	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.12	63	38539	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.95	46	73996	48.36	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.72%
24) Chloroform-d	4.38	84	54003	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.06	65	31748	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.07	84	107658	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.10	67	33285	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.34	98	97689	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.65	79	13390	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.12	63	59864	42.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	21948	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	36730	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

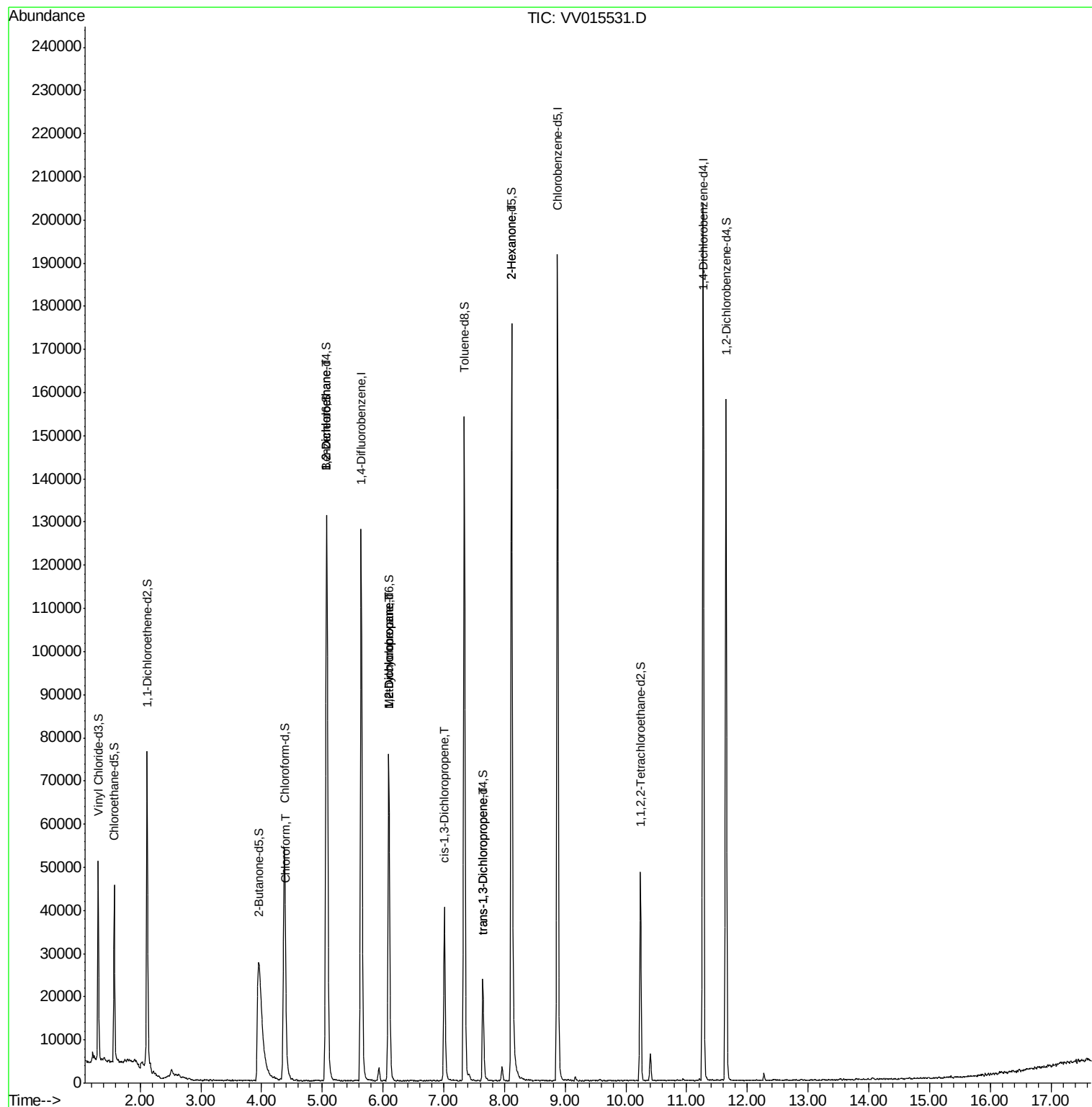
					Ovalue
25) Chloroform	4.40	83	2402	0.168 ug/L	99
27) 1,2-Dichloroethane	5.07	62	741	0.080 ug/L #	77
35) Methylcyclohexane	6.09	83	8443	0.643 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	4224	0.588 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1059	0.096 ug/L #	74
44) trans-1,3-Dichloropropene	7.65	75	707	0.076 ug/L #	55
48) 2-Hexanone	8.12	43	9794	2.972 ug/L #	73

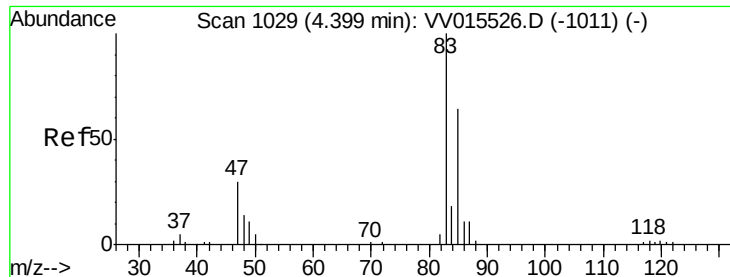
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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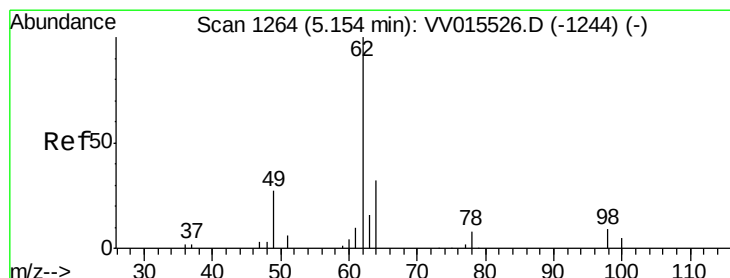
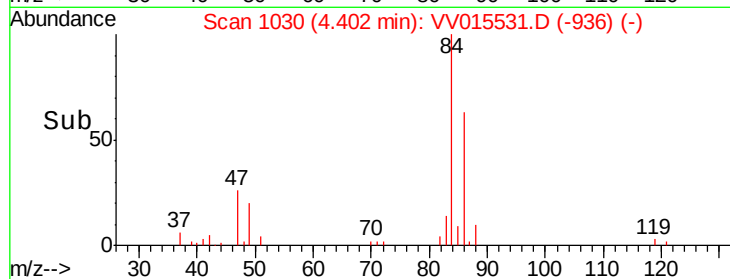
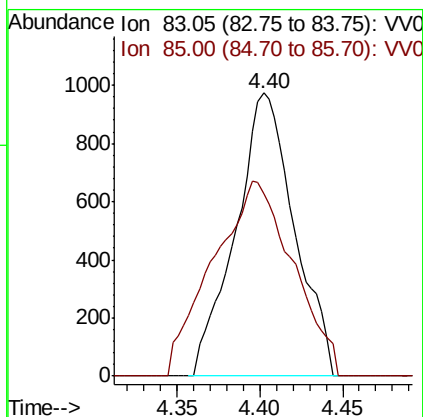
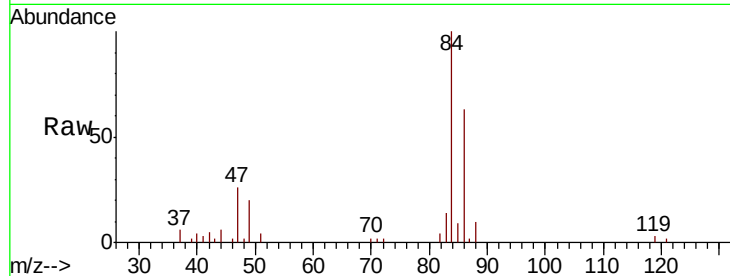




#25
Chloroform
Concen: 0.168 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015531.D
Acq: 16 Apr 2020 12:47

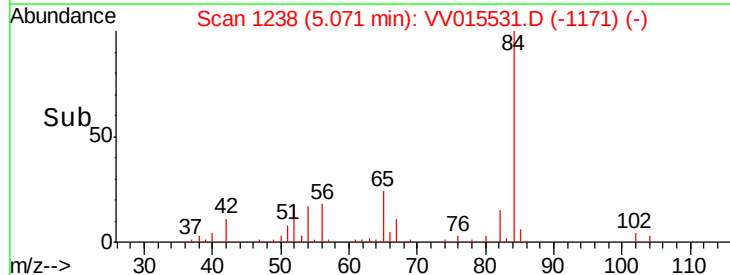
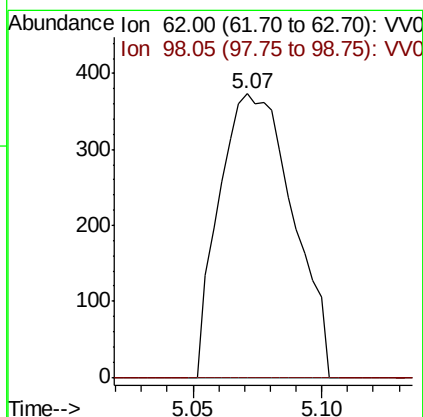
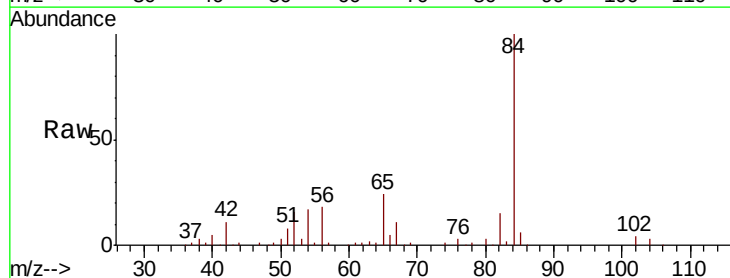
Instrument :
MSVOA_V
ClientSampled :

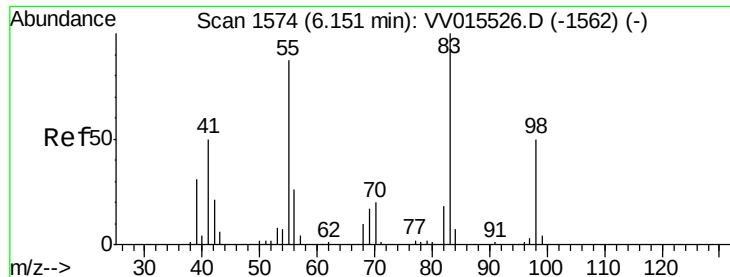
Tot Ion: 83 Resp: 2402
Ion Ratio Lower Upper
83 100
85 64.6 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.080 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: VV015531.D
Acq: 16 Apr 2020 12:47

Tgt Ion: 62 Resp: 741
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

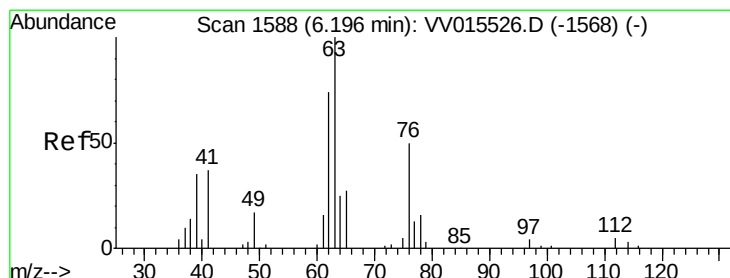
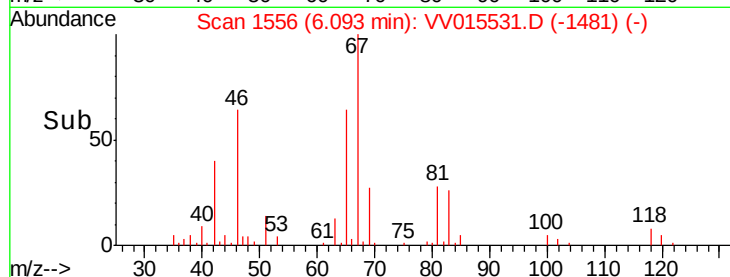
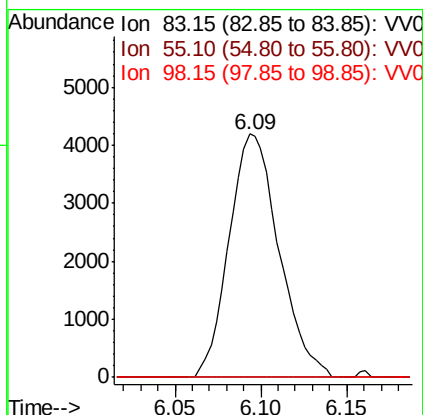
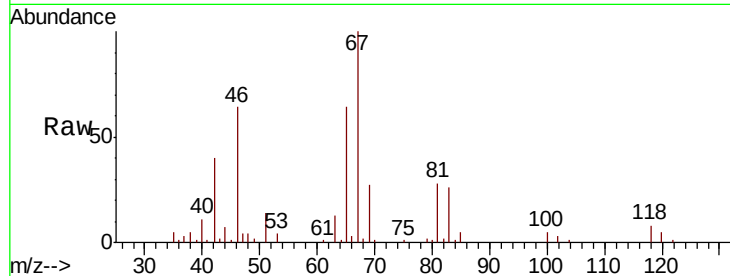




#35
Methylvlcyclohexane
Concen: 0.643 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015531.D
Acq: 16 Apr 2020 12:47

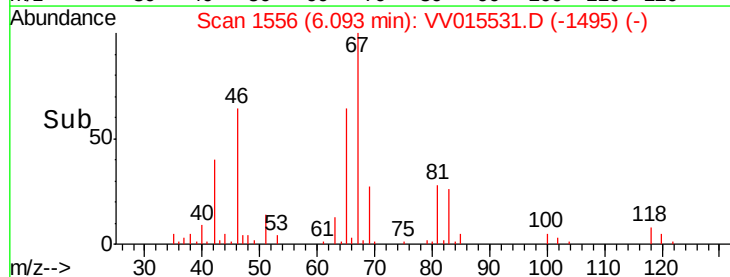
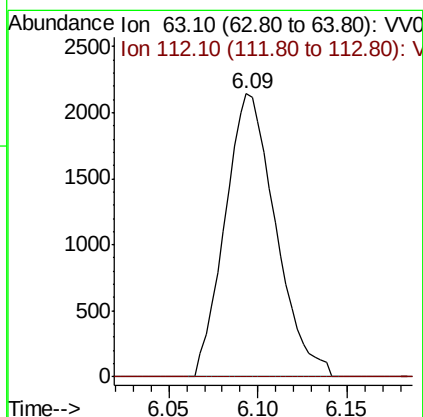
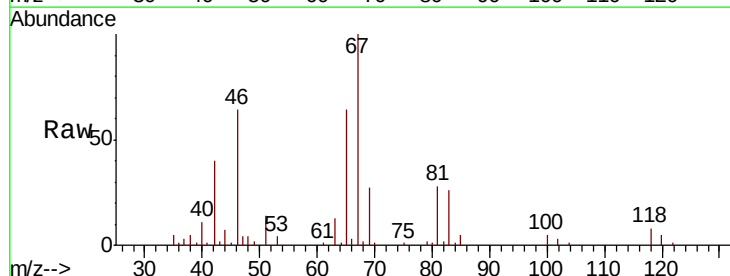
Instrument :
MSVOA_V
ClientSampleId :

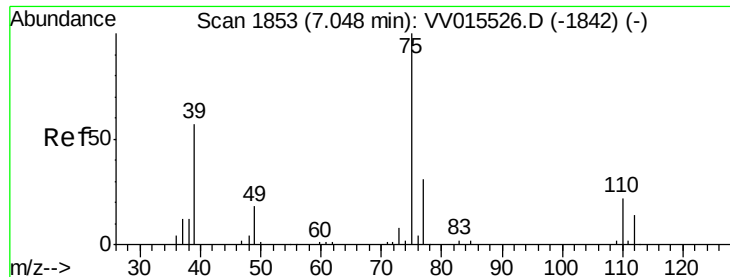
Tot Ion: 83 Resp: 8443
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 1.4 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015531.D
Acq: 16 Apr 2020 12:47

Tgt Ion: 63 Resp: 4224
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

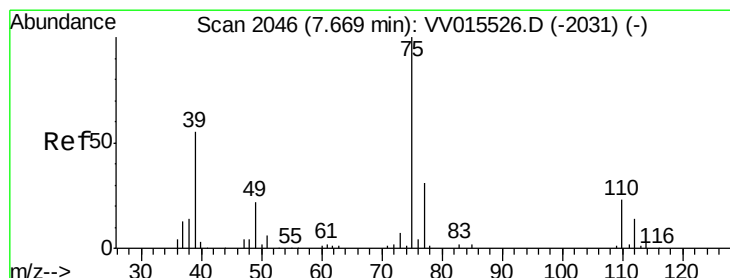
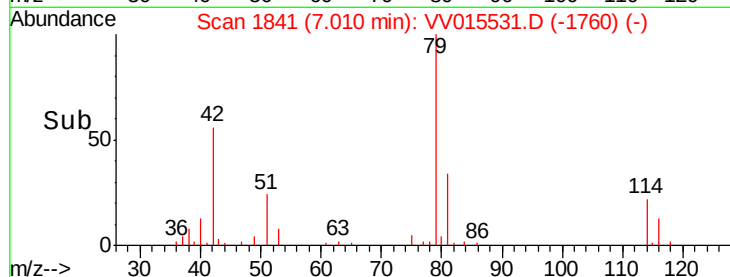
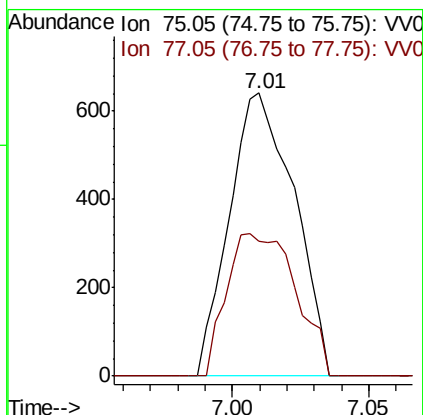
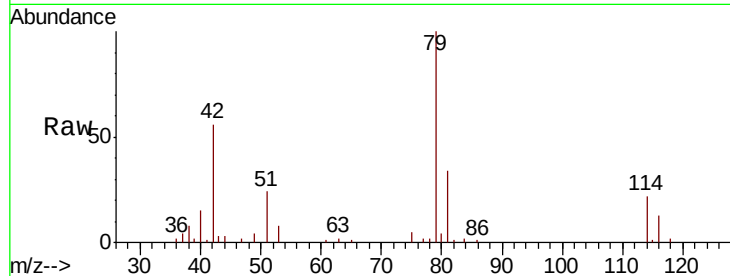




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015531.D
 Acq: 16 Apr 2020 12:47

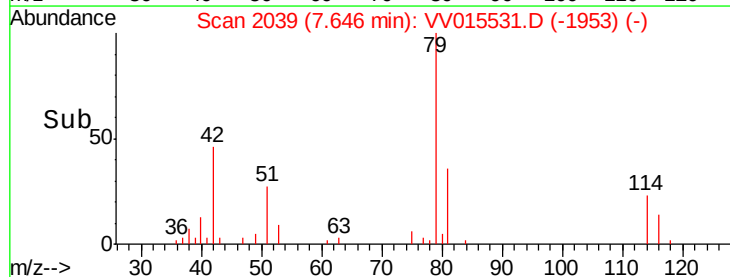
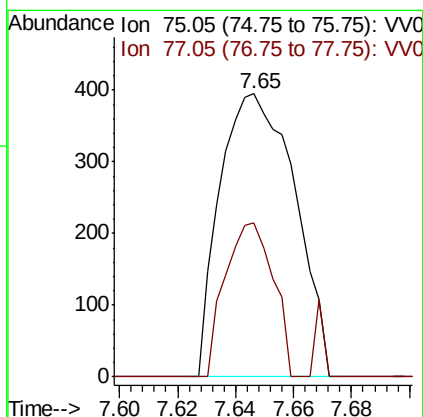
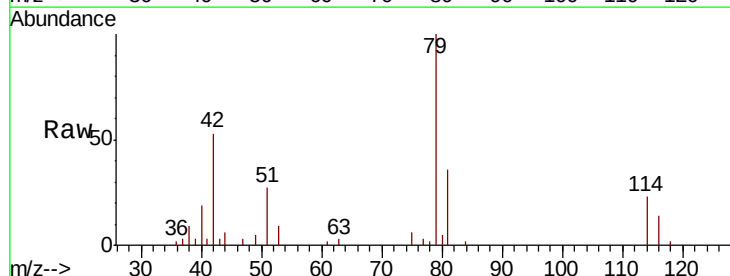
Instrument :
 MSVOA_V
 ClientSampleId :

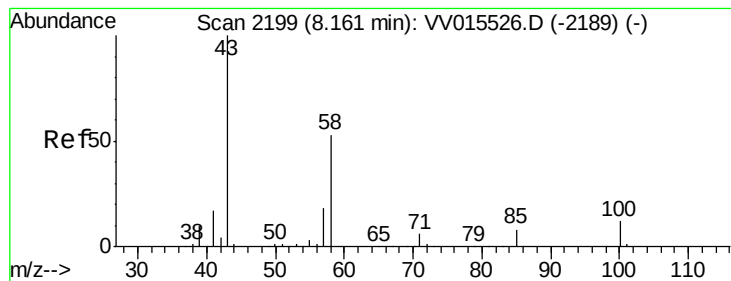
Tot Ion: 75 Resp: 1059
 Ion Ratio Lower Upper
 75 100
 77 47.7 23.0 42.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.02 min
 Lab File: VV015531.D
 Acq: 16 Apr 2020 12:47

Tgt Ion: 75 Resp: 707
 Ion Ratio Lower Upper
 75 100
 77 54.4 21.0 39.0#





#48
 2-Hexanone
 Concen: 2.972 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.04 min
 Lab File: VV015531.D
 Acq: 16 Apr 2020 12:47

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	9794
Ion	Ratio	Lower	Upper
43	100		
58	27.6	41.4	62.0#
57	20.9	15.0	22.4
100	0.0	9.4	14.2#

