

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091619\
 Data File : VV012834.D
 Acq On : 16 Sep 2019 14:06
 Operator : SY/MD
 Sample : K4780-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 17:05:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 16 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	391354	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	393441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	148311	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	206441	7.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	152.40%#
7) Chloroethane-d5	1.58	69	169425	7.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	159.40%#
11) 1,1-Dichloroethene-d2	2.13	63	256023	5.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.00%
20) 2-Butanone-d5	3.98	46	450473	120.24	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	240.48%#
24) Chloroform-d	4.40	84	324995	7.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	152.60%#
26) 1,2-Dichloroethane-d4	5.08	65	171626	8.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	175.20%#
32) Benzene-d6	5.09	84	674691	7.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	157.00%#
36) 1,2-Dichloropropane-d6	6.12	67	210300	8.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	160.80%#
41) Toluene-d8	7.36	98	540980	7.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	140.20%#
43) trans-1,3-Dichloropropene-	7.66	79	58550	6.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	138.60%#
46) 2-Hexanone-d5	8.14	63	225947	95.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	190.74%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	117342	8.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	163.20%#
64) 1,2-Dichlorobenzene-d4	11.67	152	186719	9.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	181.60%#

Target Compounds

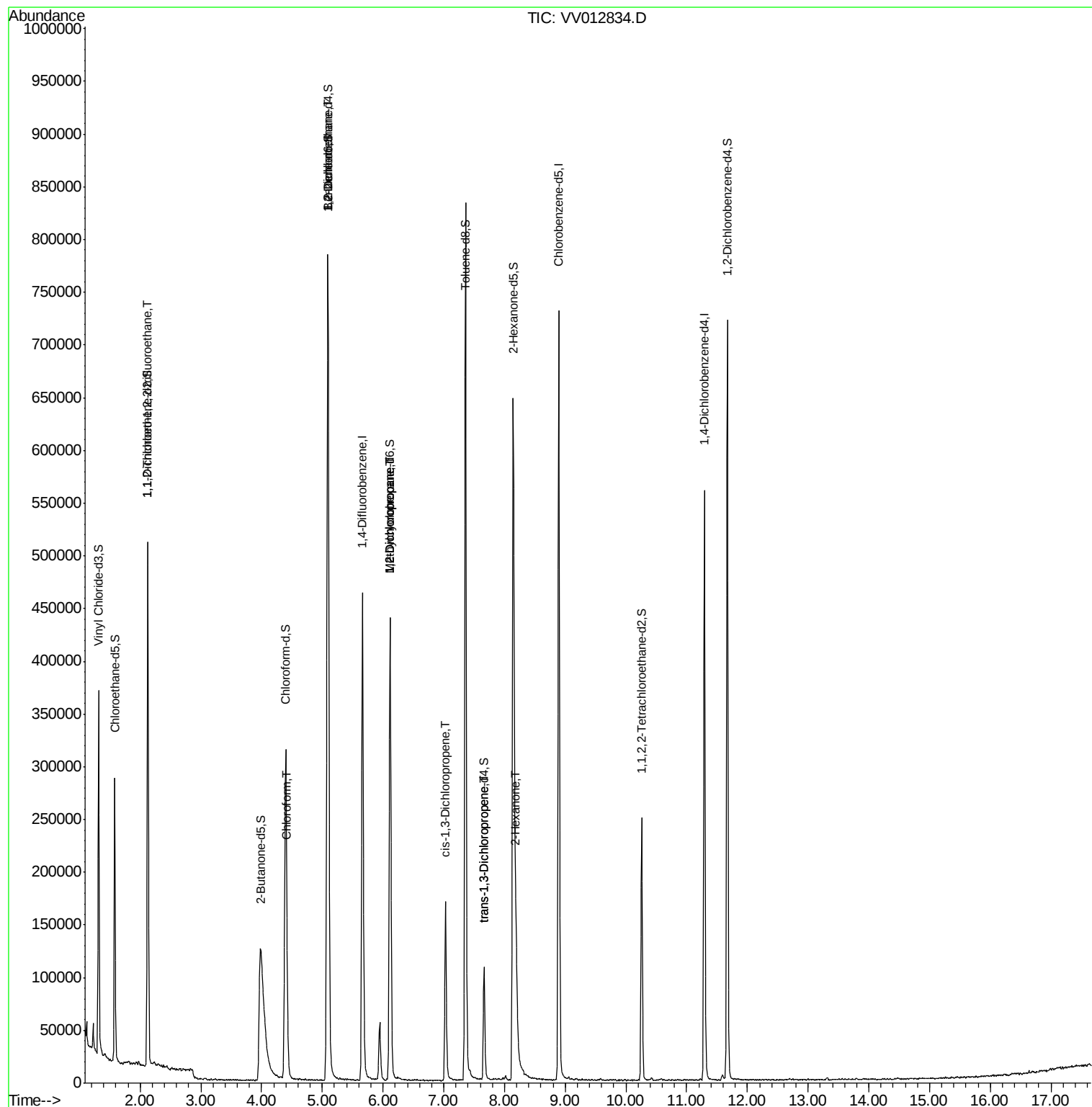
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2504	0.108 ug/L #	27
25) Chloroform	4.42	83	11910	0.222 ug/L	76
27) 1,2-Dichloroethane	5.09	62	3929	0.141 ug/L	99
35) Methylcyclohexane	6.12	83	50102	1.437 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	23134	0.865 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	4331	0.131 ug/L #	66
44) trans-1,3-Dichloropropene	7.67	75	2805	0.106 ug/L	84
48) 2-Hexanone	8.19	43	86484	7.670 ug/L #	84

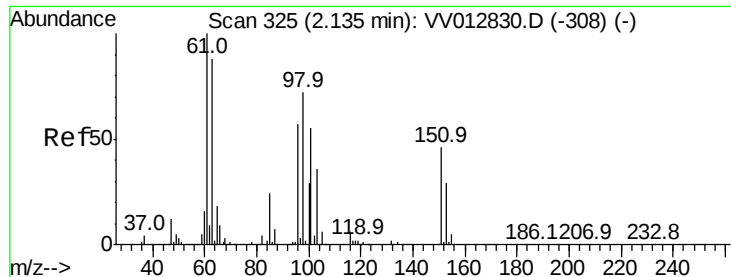
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 16 17:02:53 2019
Response via : Initial Calibration





#10

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

Concen: 0.108 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012834.D

Acq: 16 Sep 2019 14:06

Instrument :

MSVOA_V

ClientSampleId :

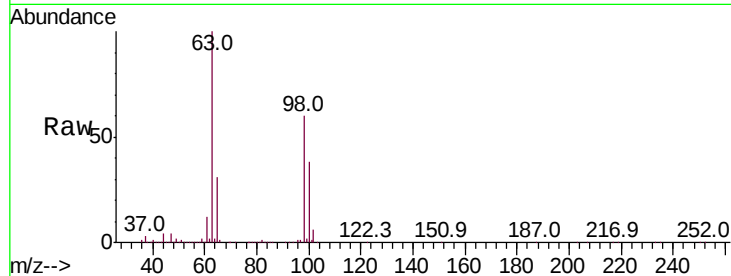
Tot Ion:101 Resp: 2504

Ion Ratio Lower Upper

101 100

85 5.2 32.9 49.3#

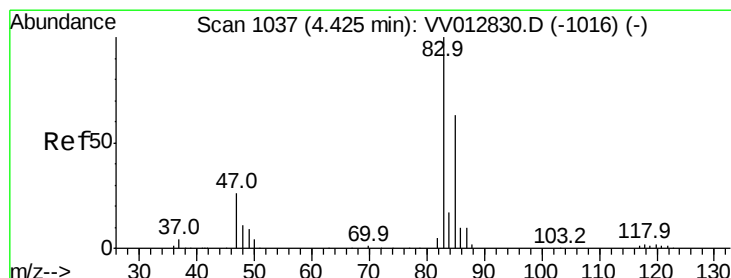
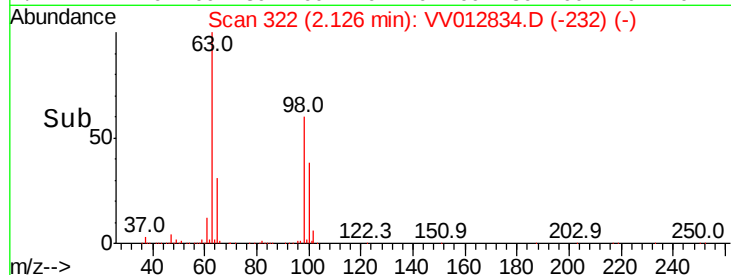
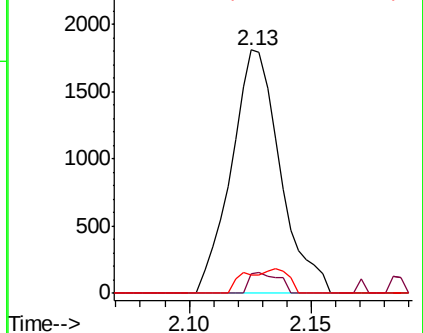
151 9.0 65.0 97.6#



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



#25

Chloroform

Concen: 0.222 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV012834.D

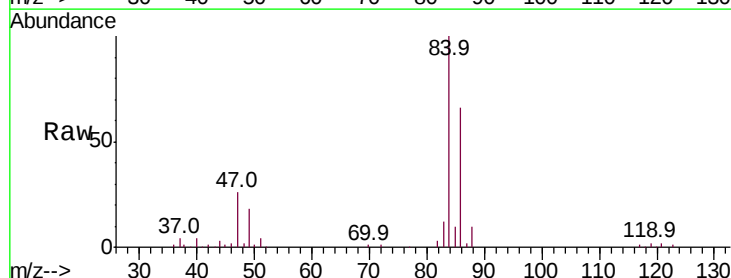
Acq: 16 Sep 2019 14:06

Tgt Ion: 83 Resp: 11910

Ion Ratio Lower Upper

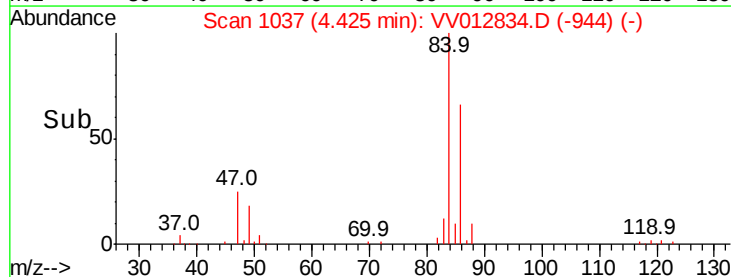
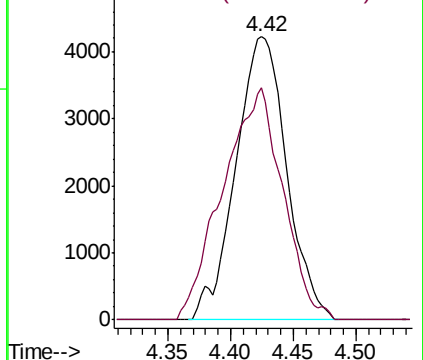
83 100

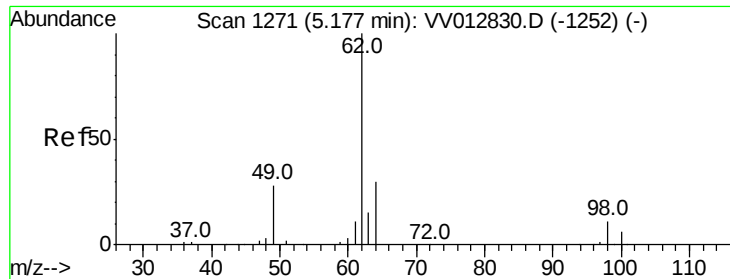
85 82.0 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

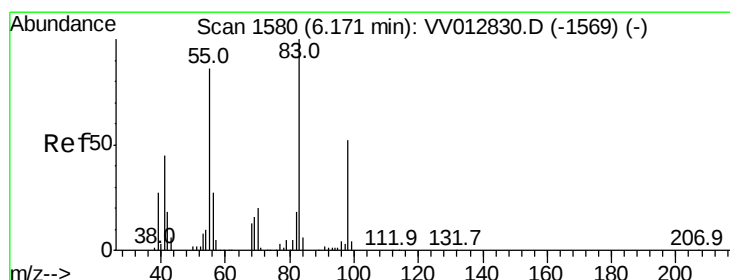
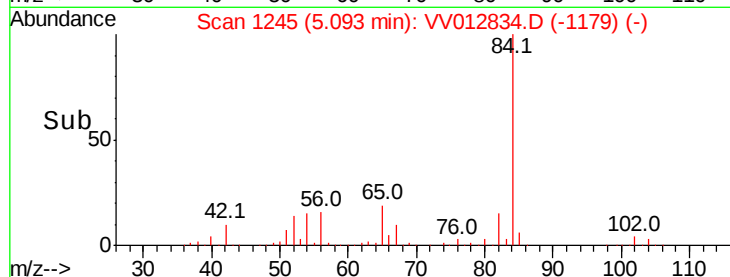
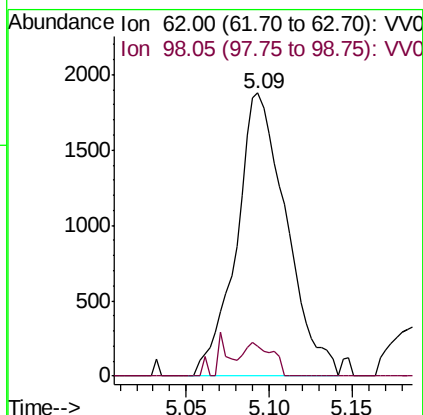
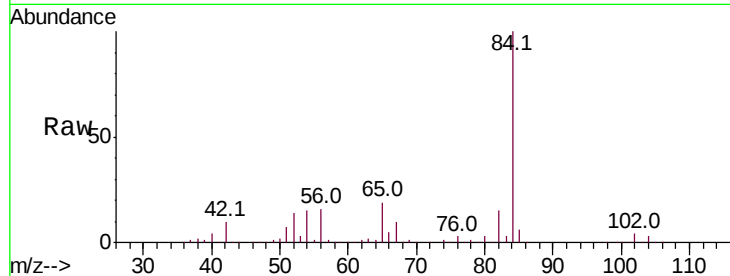




#27
 1,2-Dichloroethane
 Concen: 0.141 ug/L
 RT: 5.09 min Scan# 1245
 Delta R.T. -0.09 min
 Lab File: VV012834.D
 Acq: 16 Sep 2019 14:06

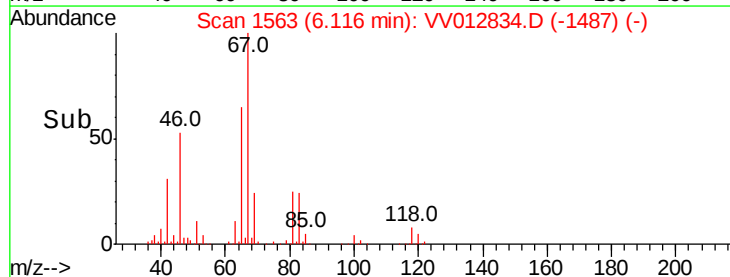
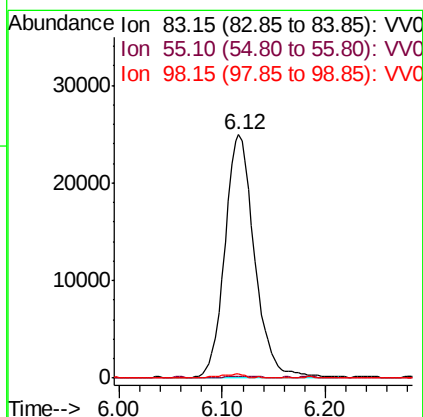
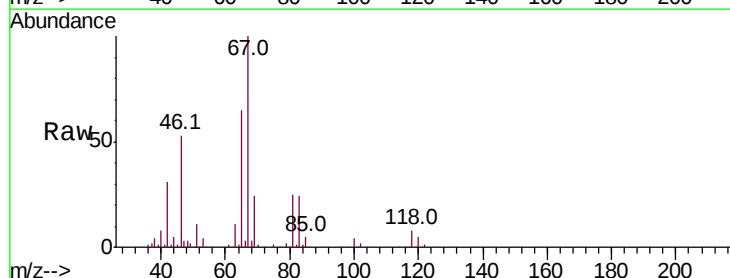
Instrument :
 MSVOA_V
 ClientSampleId :

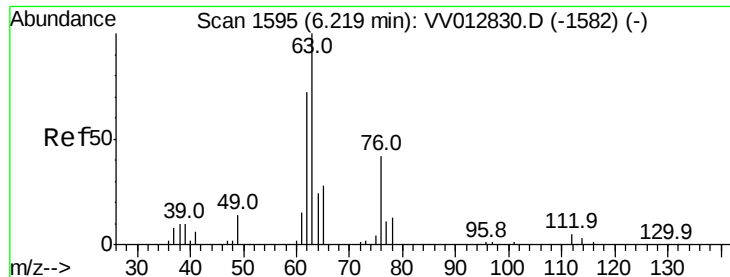
Tot Ion: 62 Resp: 3929
 Ion Ratio Lower Upper
 62 100
 98 10.6 8.3 12.5



#35
 Methylcyclohexane
 Concen: 1.437 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.05 min
 Lab File: VV012834.D
 Acq: 16 Sep 2019 14:06

Tgt Ion: 83 Resp: 50102
 Ion Ratio Lower Upper
 83 100
 55 0.8 65.4 98.2#
 98 1.2 39.0 58.4#

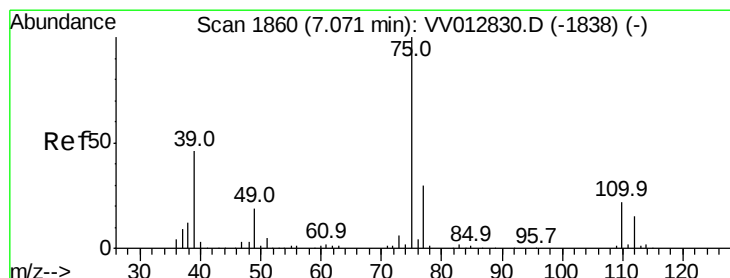
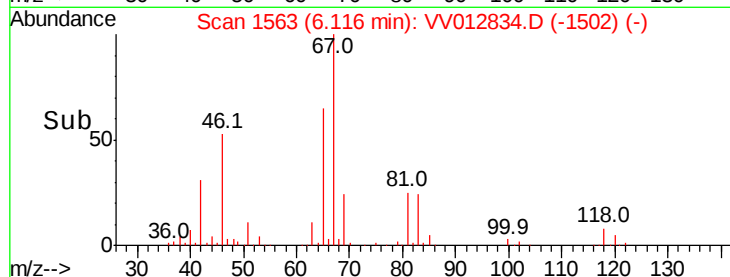
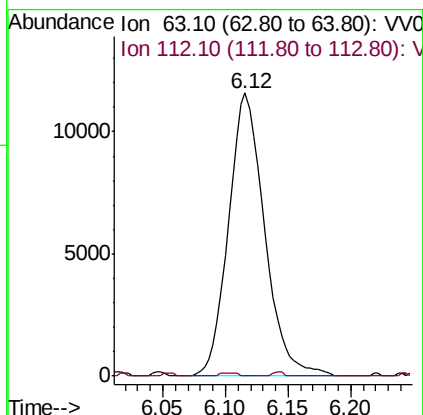
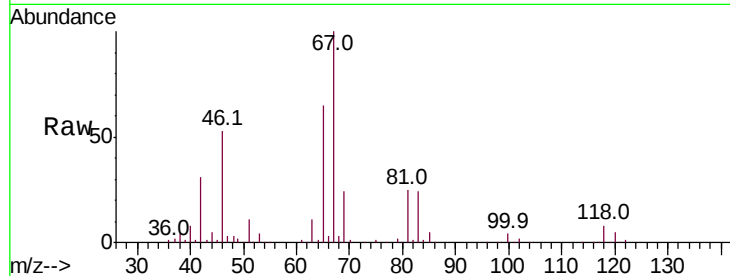




#37
 1,2-Dichloropropane
 Concen: 0.865 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012834.D
 Acq: 16 Sep 2019 14:06

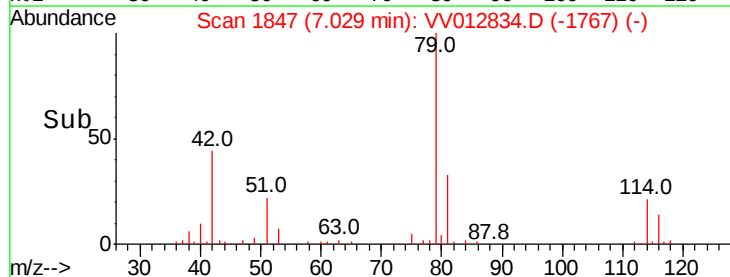
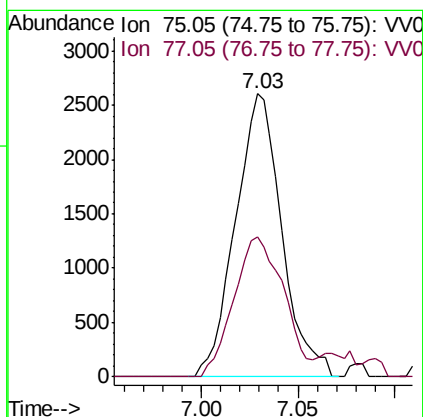
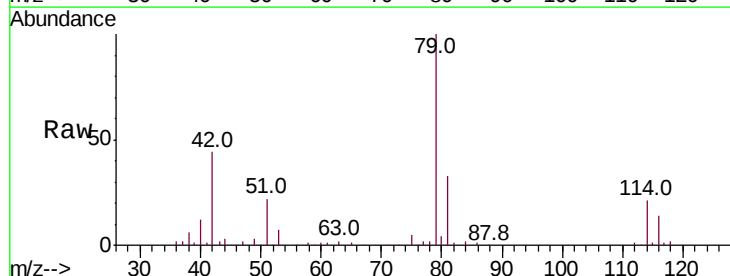
Instrument :
 MSVOA_V
 ClientSampled :

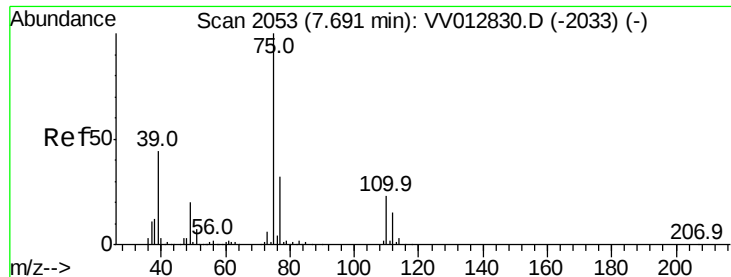
Tot Ion: 63 Resp: 23134
 Ion Ratio Lower Upper
 63 100
 112 0.5 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.131 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012834.D
 Acq: 16 Sep 2019 14:06

Tgt Ion: 75 Resp: 4331
 Ion Ratio Lower Upper
 75 100
 77 49.7 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012834.D

Acq: 16 Sep 2019 14:06

Instrument :

MSVOA_V

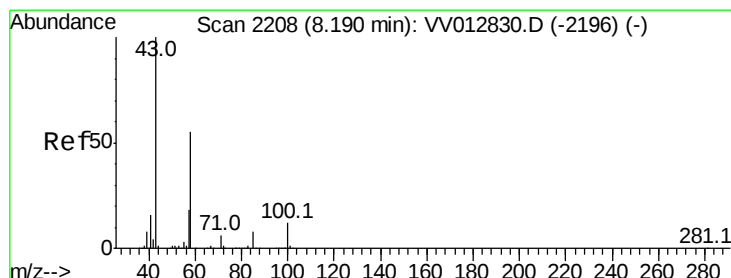
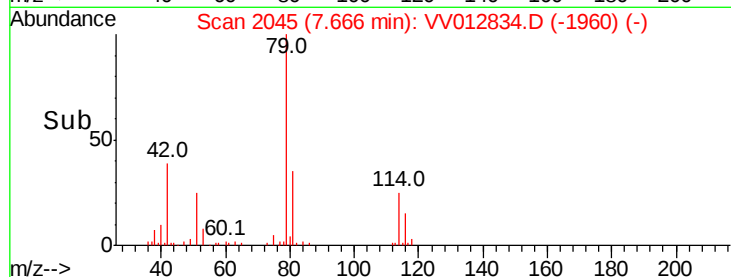
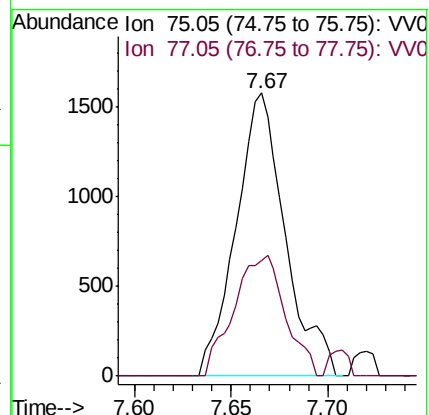
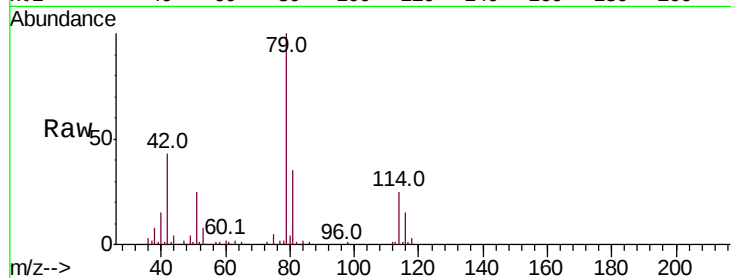
ClientSampleId :

Tot Ion: 75 Resp: 2805

Ion Ratio Lower Upper

75 100

77 40.9 22.3 41.3



#48

2-Hexanone

Concen: 7.670 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VV012834.D

Acq: 16 Sep 2019 14:06

Tgt Ion: 43 Resp: 86484

Ion Ratio Lower Upper

43 100

58 41.1 44.8 67.2#

57 16.1 15.0 22.6

100 7.8 8.8 13.2#

