

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011420\
 Data File : VV014296.D
 Acq On : 14 Jan 2020 15:39
 Operator : SY/MD
 Sample : L1101-06DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 14 22:22:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 14 22:19:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	994538	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	896258	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	411407	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	277870	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.58	69	242785	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.13	63	352294	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.96	46	875708	52.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.78%
24) Chloroform-d	4.39	84	655318	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.08	65	324545	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.09	84	1333888	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.11	67	429548	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.35	98	1183627	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.66	79	171831	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.13	63	777653	50.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.14%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	293153	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	387161	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

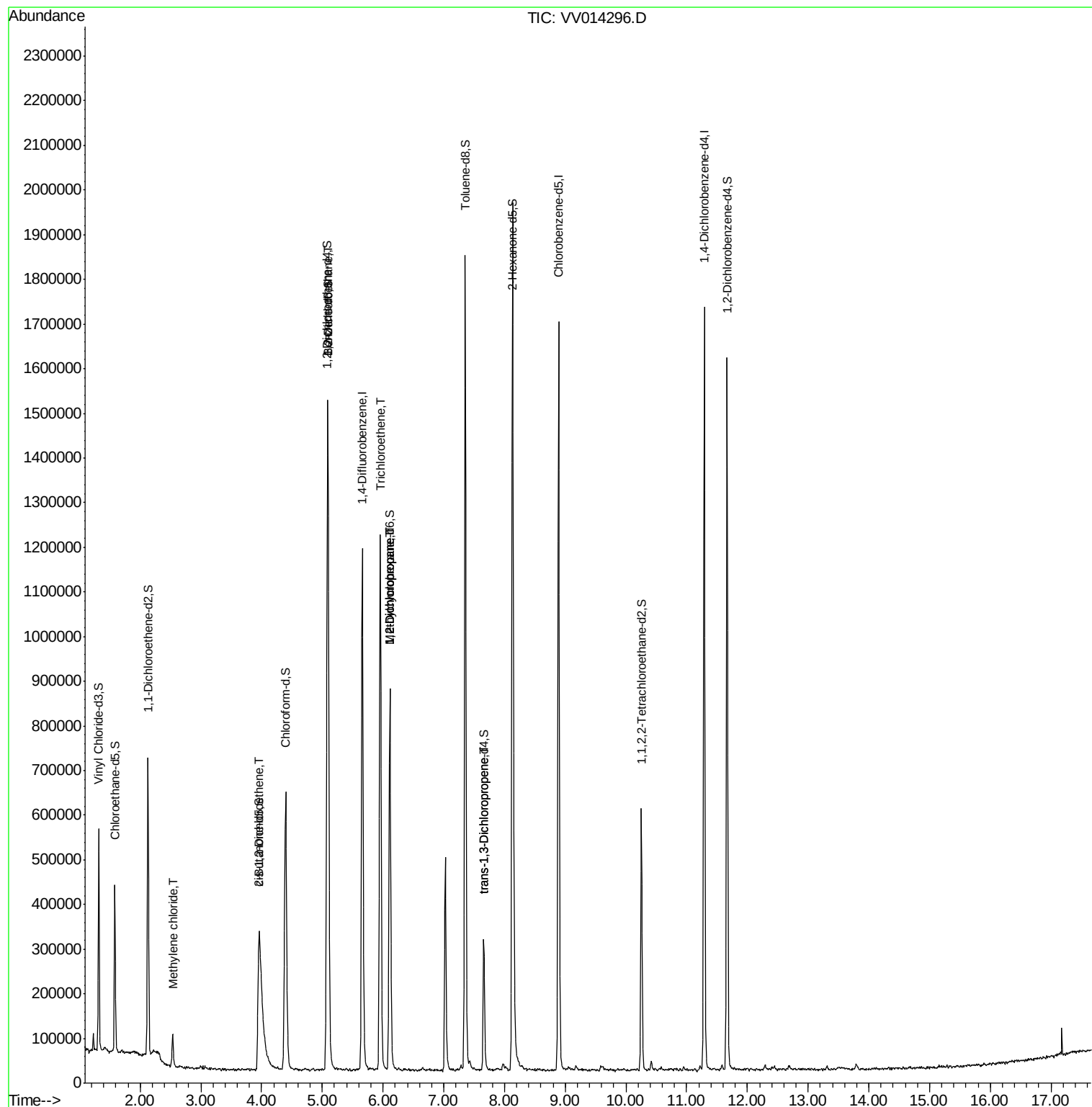
					Ovalue
16) Methylene chloride	2.54	84	31646	0.438 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	8741	0.119 ug/L #	94
27) 1,2-Dichloroethane	5.10	62	8043	0.107 ug/L #	85
34) Trichloroethene	5.96	95	440534	6.211 ug/L	99
35) Methylcyclohexane	6.11	83	99917	0.862 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	42493	0.610 ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	8431	0.097 ug/L	88

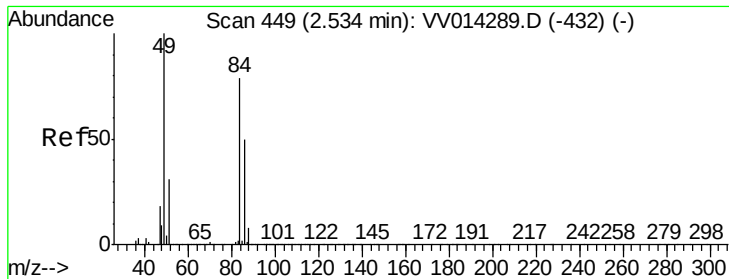
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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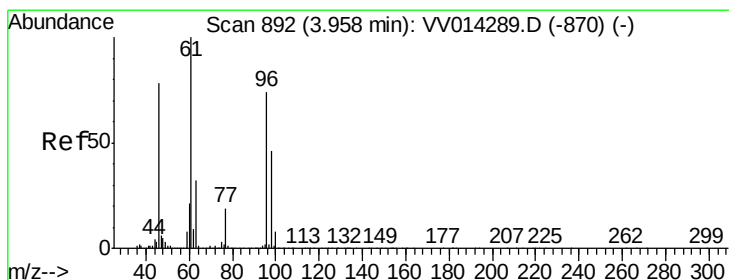
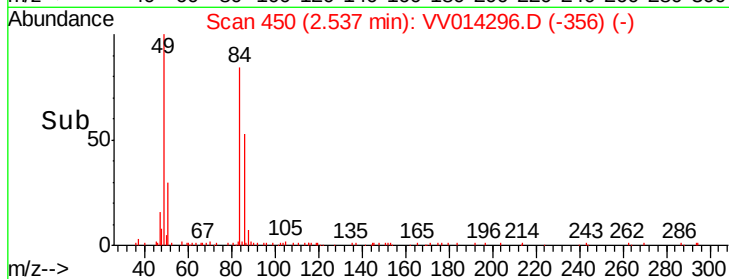
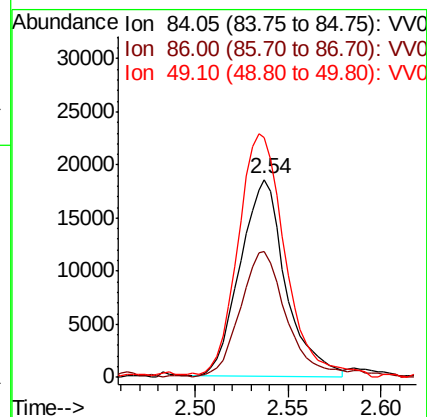
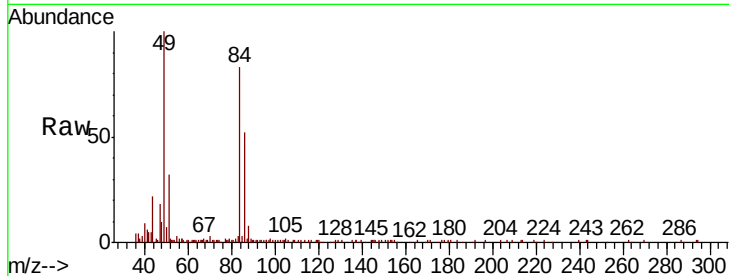




#16
Methylene chloride
Concen: 0.438 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014296.D
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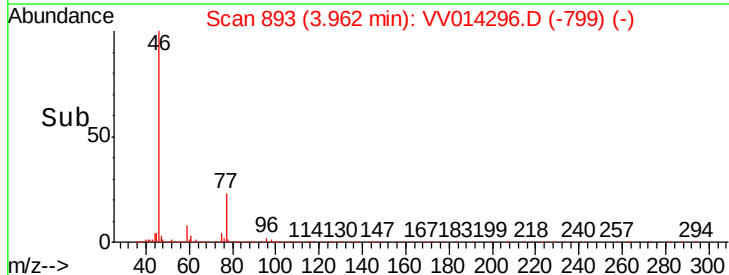
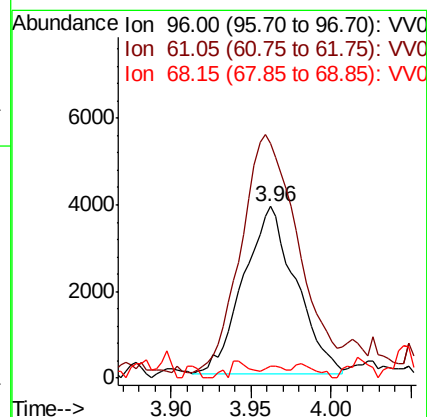
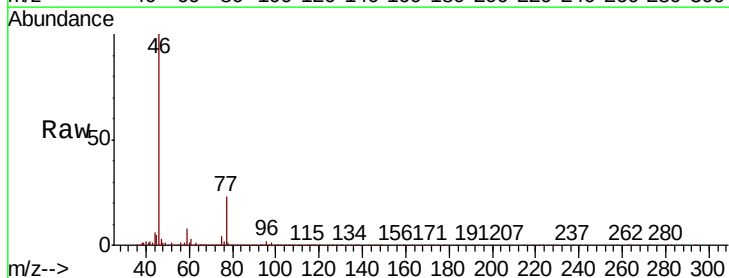
Instrument :
MSVOA_V
ClientSampled :

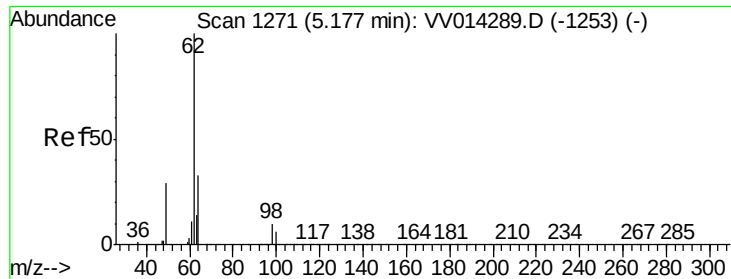
Tot Ion: 84 Resp: 31646
Ion Ratio Lower Upper
84 100
86 63.3 43.1 80.1
49 121.1 82.1 152.5



#22
cis-1,2-Dichloroethene
Concen: 0.119 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV014296.D
Acq: 14 Jan 2020 15:39

Tgt Ion: 96 Resp: 8741
Ion Ratio Lower Upper
96 100
61 136.7 90.6 168.3
68 6.9 0.3 0.7#

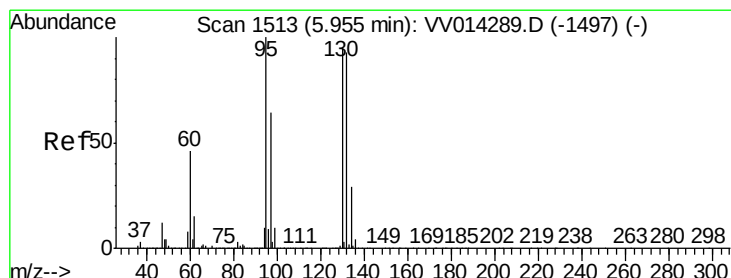
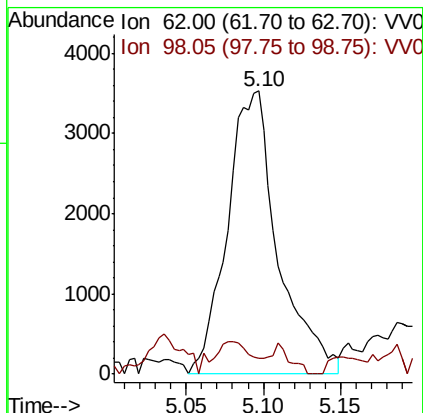
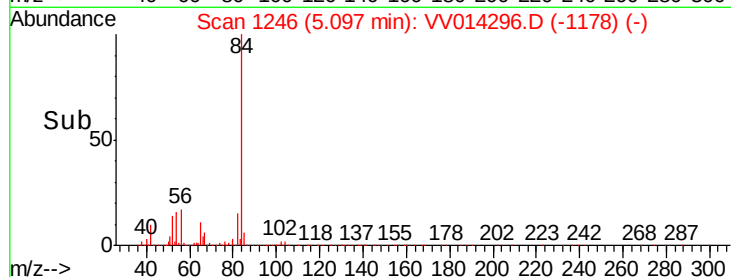
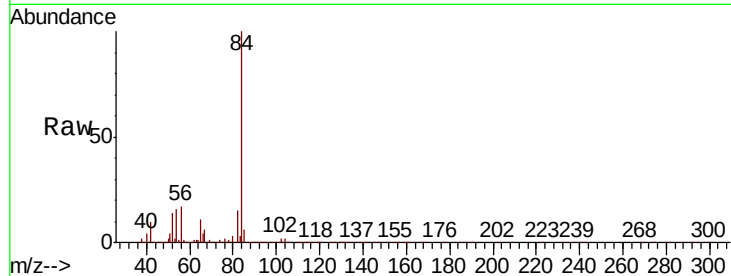




#27
 1,2-Dichloroethane
 Concen: 0.107 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV014296.D
 Acq: 14 Jan 2020 15:39

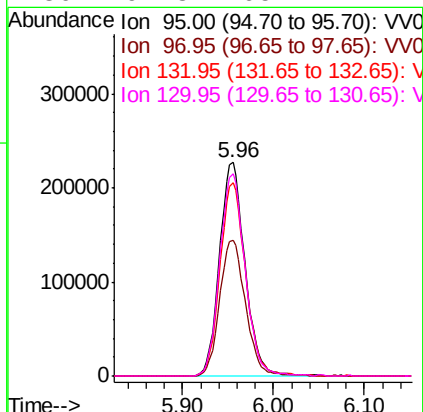
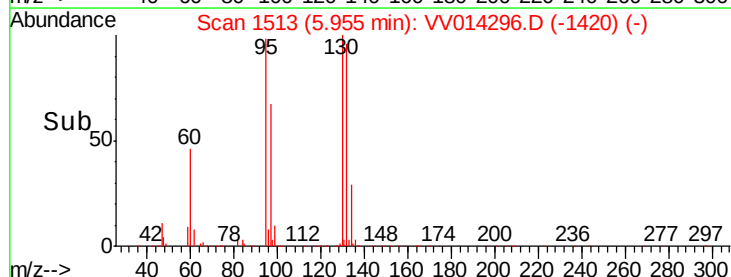
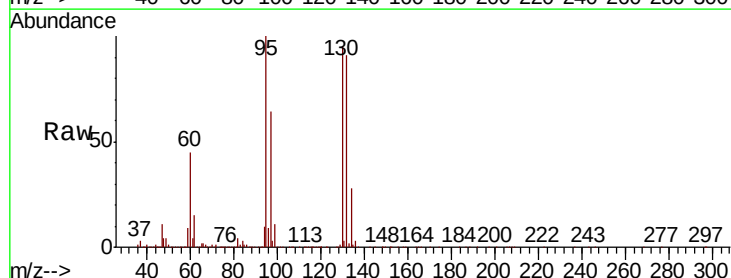
Instrument :
 MSVOA_V
 ClientSampleId :

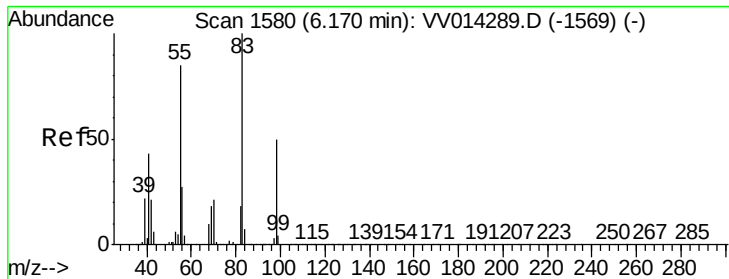
Tot Ion: 62 Resp: 8043
 Ion Ratio Lower Upper
 62 100
 98 5.8 9.2 13.8#



#34
 Trichloroethene
 Concen: 6.211 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VV014296.D
 Acq: 14 Jan 2020 15:39

Tgt Ion: 95 Resp: 440534
 Ion Ratio Lower Upper
 95 100
 97 63.8 43.8 81.3
 132 90.7 63.4 117.8
 130 94.8 65.7 122.1





#35

Methylcyclohexane

Concen: 0.862 ug/L

RT: 6.11 min Scan# 1562

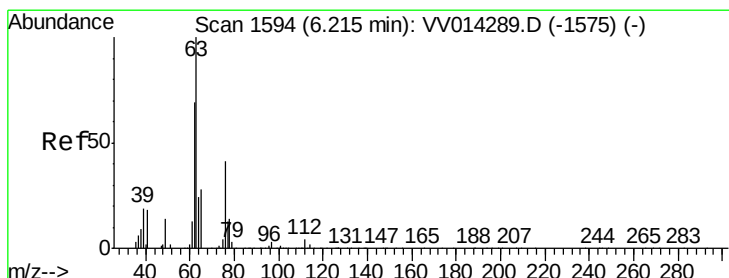
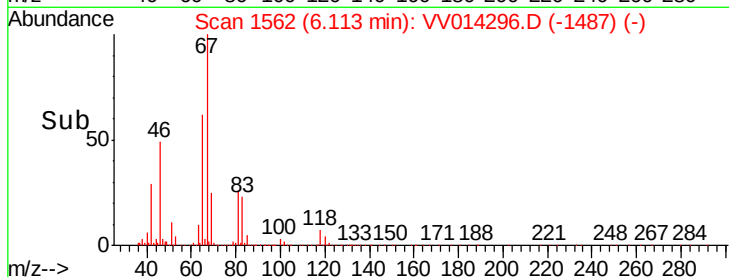
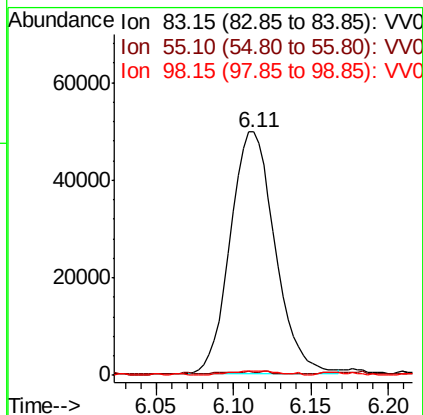
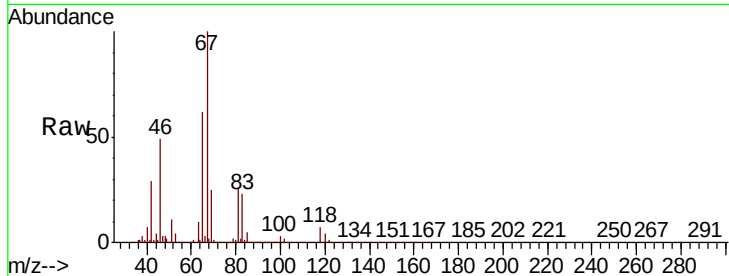
Delta R.T. -0.06 min

Lab File: VV014296.D

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Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	83	Resp:	99917
Ion	Ratio	Lower	Upper
83	100		
55	0.2	61.7	92.5#
98	2.1	38.1	57.1#



#37

1,2-Dichloropropane

Concen: 0.610 ug/L

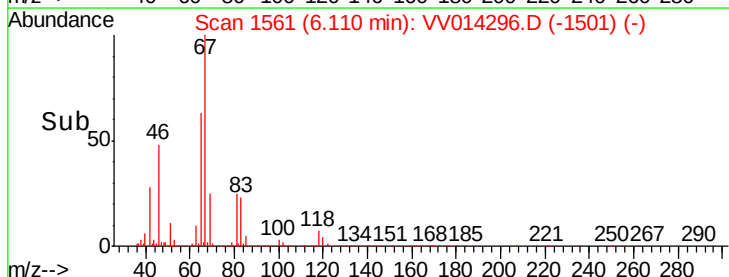
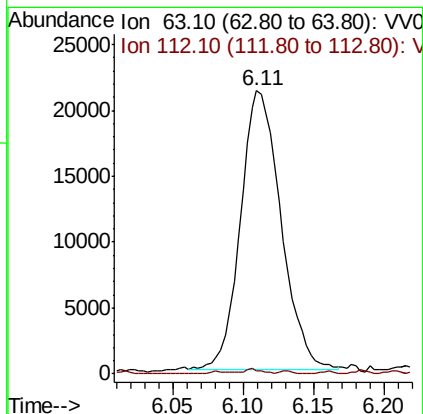
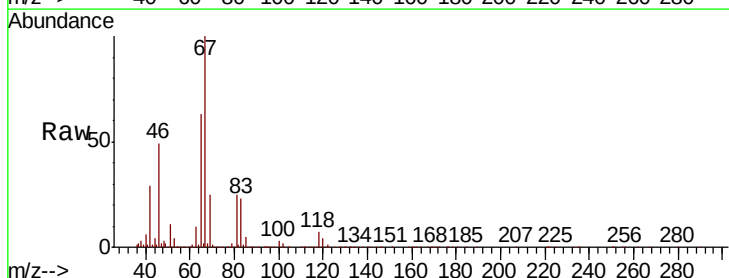
RT: 6.11 min Scan# 1561

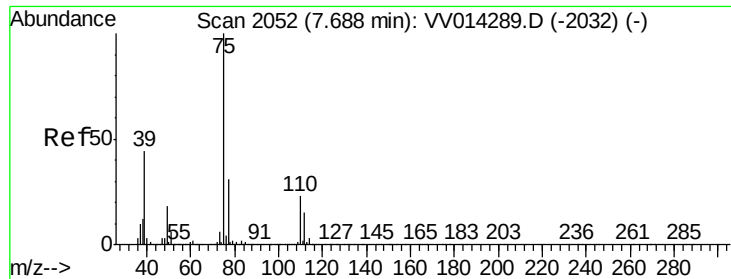
Delta R.T. -0.11 min

Lab File: VV014296.D

Acq: 14 Jan 2020 15:39

Tgt Ion:	63	Resp:	42493
Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.7	5.5#





#44

trans-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014296.D

Acq: 14 Jan 2020 15:39

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 8431

Ion Ratio Lower Upper

75 100

77 38.4 22.0 41.0

