

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091619\
 Data File : VV012832.D
 Acq On : 16 Sep 2019 13:13
 Operator : SY/MD
 Sample : K4780-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 17:05:39 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	404831	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	398241	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	151932	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	133610	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.58	69	107567	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.13	63	175836	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.97	46	187239	48.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.62%
24) Chloroform-d	4.40	84	204994	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.08	65	98073	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.09	84	429694	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	128116	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	344123	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.66	79	38141	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.14	63	99437	41.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	64248	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	117078	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

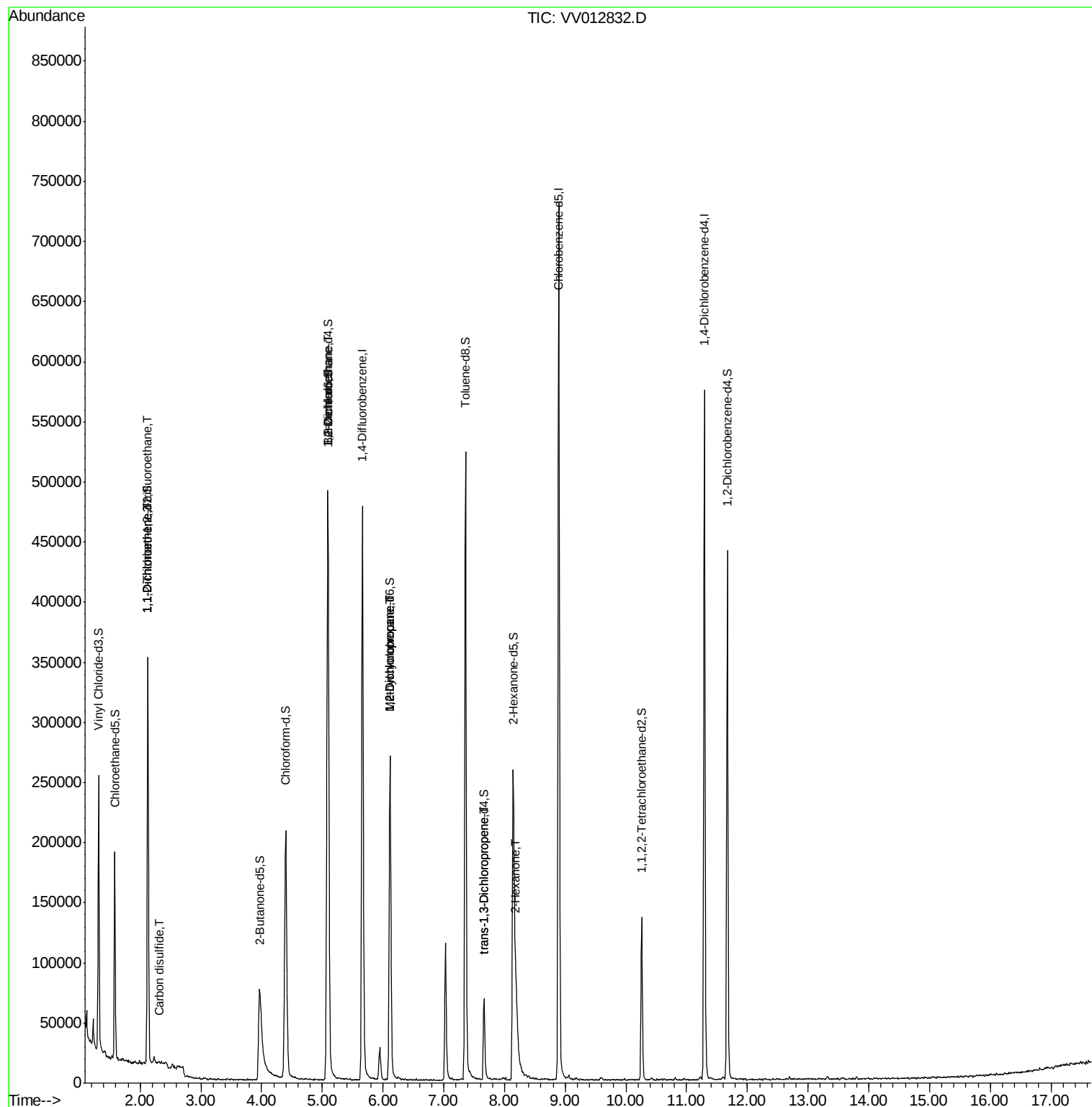
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1967	0.082	ug/L # 26
12) 1,1-Dichloroethene	2.13	96	1968	0.089	ug/L # 1
14) Carbon disulfide	2.32	76	2193	0.046	ug/L # 55
27) 1,2-Dichloroethane	5.09	62	2585	0.090	ug/L 97
35) Methylcyclohexane	6.11	83	30092	0.853	ug/L # 16
37) 1,2-Dichloropropane	6.11	63	14048	0.519	ug/L # 85
44) trans-1,3-Dichloropropene	7.66	75	1715	0.064	ug/L # 48
48) 2-Hexanone	8.19	43	41610	3.646	ug/L # 83

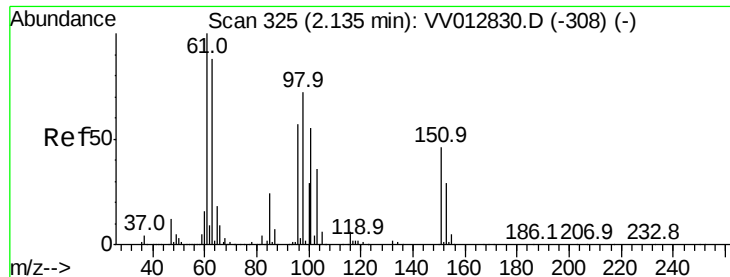
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012832.D

Acq: 16 Sep 2019 13:13

Instrument :

MSVOA_V

ClientSampleId :

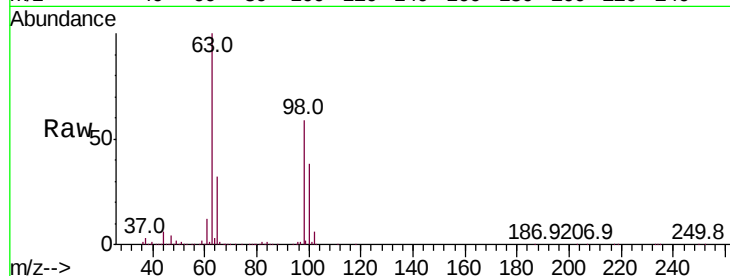
Tot Ion:101 Resp: 1967

Ion Ratio Lower Upper

101 100

85 7.9 32.9 49.3#

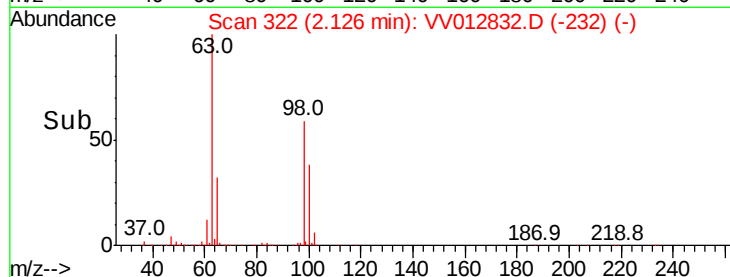
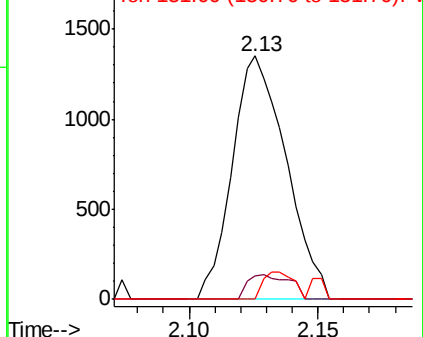
151 6.3 65.0 97.6#



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



#12

1,1-Dichloroethene

Concen: 0.089 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012832.D

Acq: 16 Sep 2019 13:13

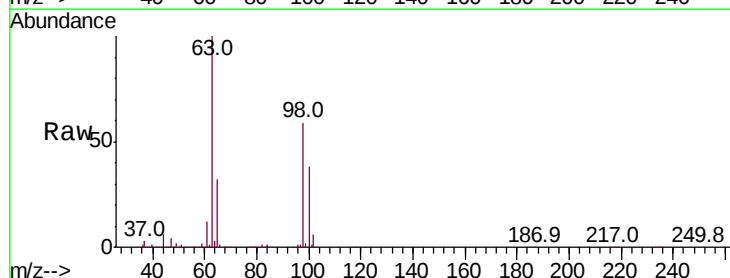
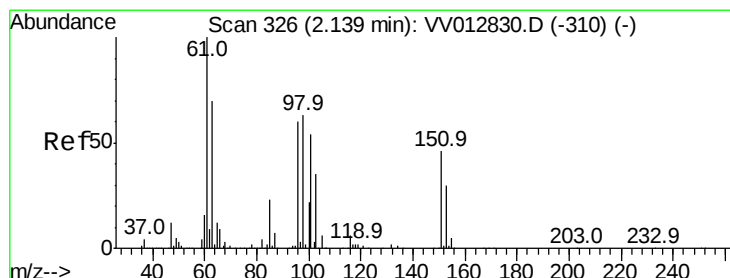
Tgt Ion: 96 Resp: 1968

Ion Ratio Lower Upper

96 100

61 1260.0 120.1 223.1#

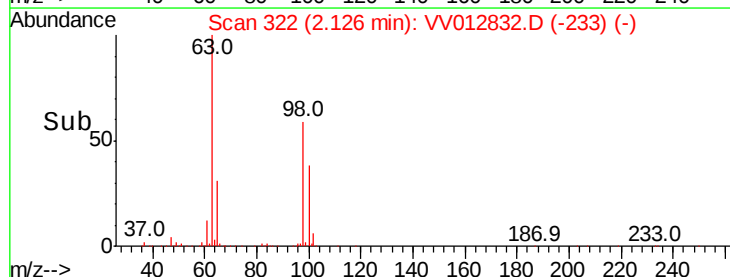
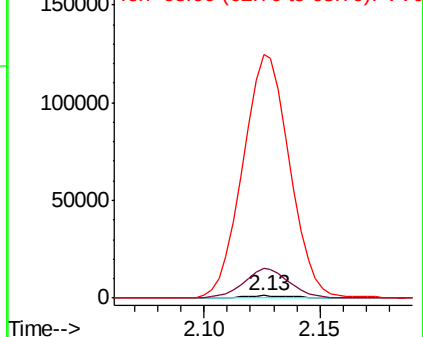
63 10298.8 88.3 164.1#

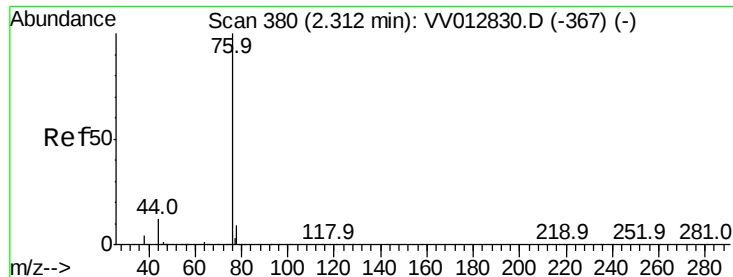


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.046 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012832.D

Acq: 16 Sep 2019 13:13

Instrument :

MSVOA_V

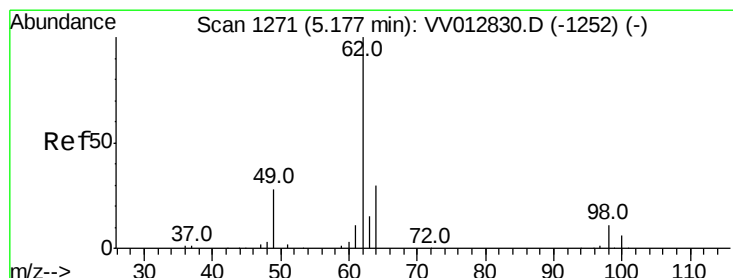
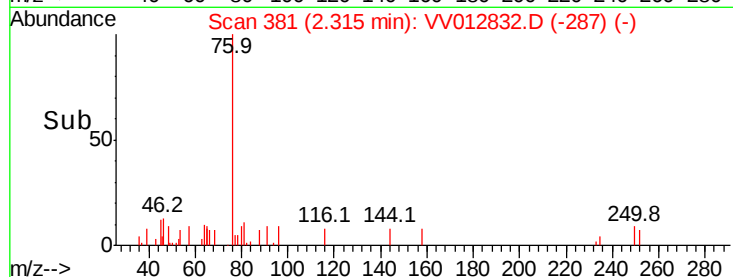
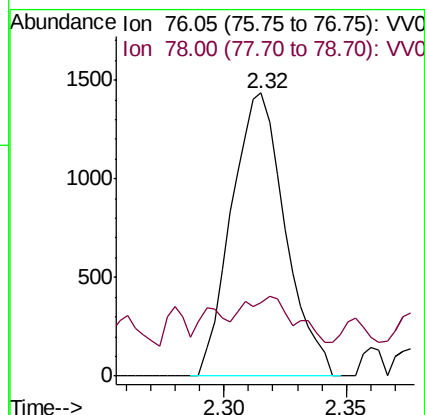
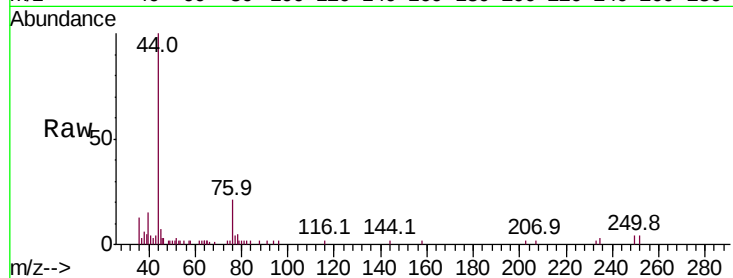
ClientSampleId :

Tot Ion: 76 Resp: 2193

Ion Ratio Lower Upper

76 100

78 25.8 7.6 11.4#



#27

1,2-Dichloroethane

Concen: 0.090 ug/L

RT: 5.09 min Scan# 1244

Delta R.T. -0.09 min

Lab File: VV012832.D

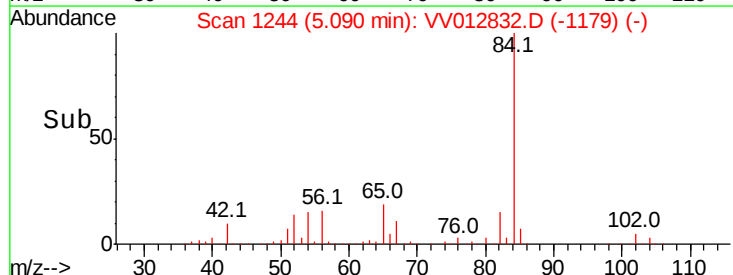
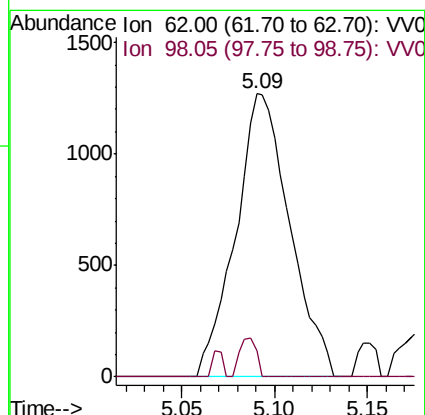
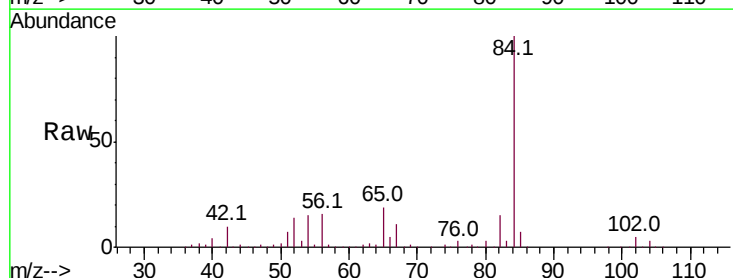
Acq: 16 Sep 2019 13:13

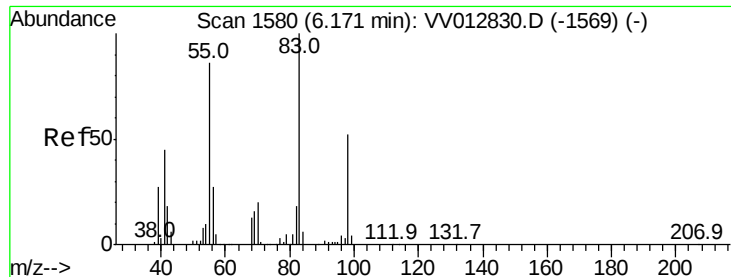
Tgt Ion: 62 Resp: 2585

Ion Ratio Lower Upper

62 100

98 9.2 8.3 12.5

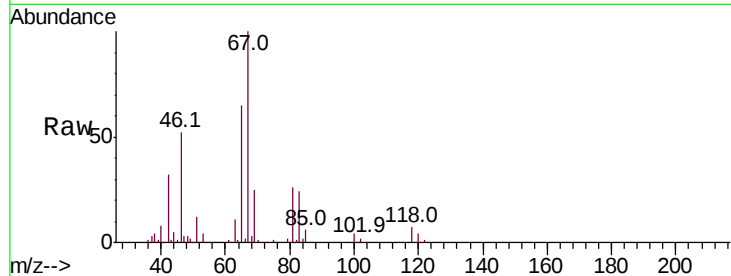




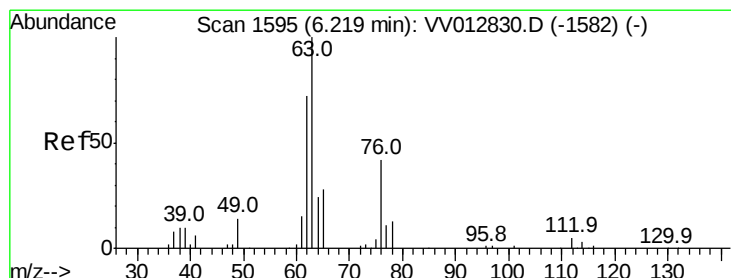
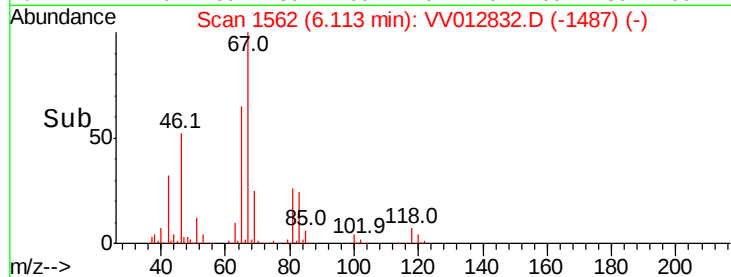
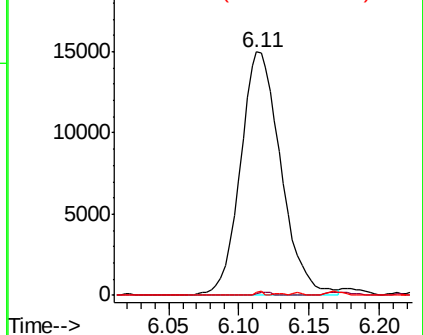
#35
Methvlcvclohexane
Concen: 0.853 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV012832.D
Acq: 16 Sep 2019 13:13

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 30092
Ion Ratio Lower Upper
83 100
55 0.4 65.4 98.2#
98 0.0 39.0 58.4#

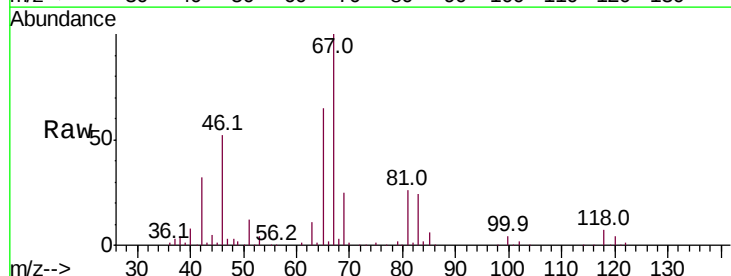


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

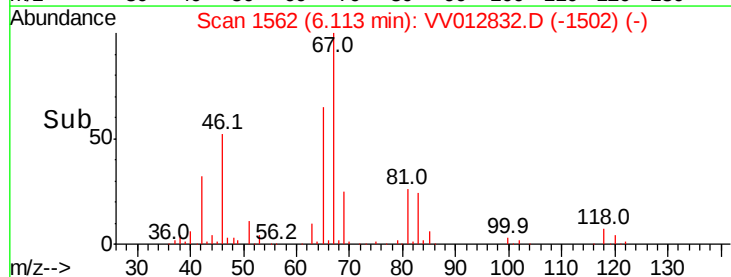
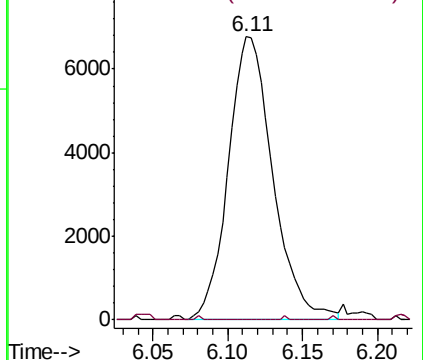


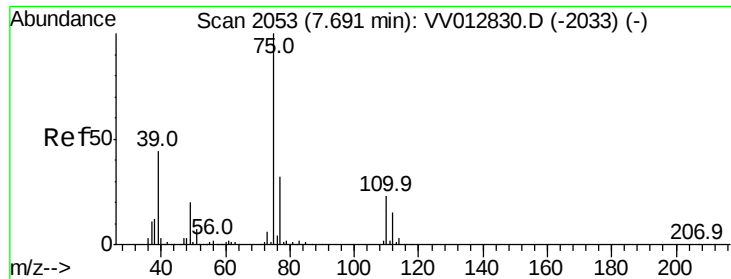
#37
1,2-Dichloropropane
Concen: 0.519 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV012832.D
Acq: 16 Sep 2019 13:13

Tgt Ion: 63 Resp: 14048
Ion Ratio Lower Upper
63 100
112 0.1 4.2 6.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.064 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

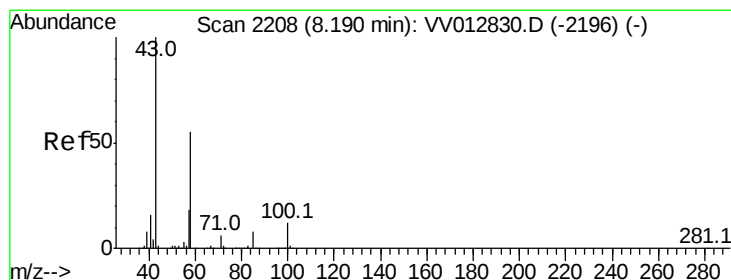
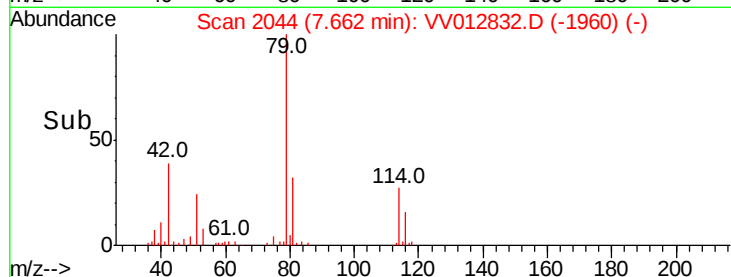
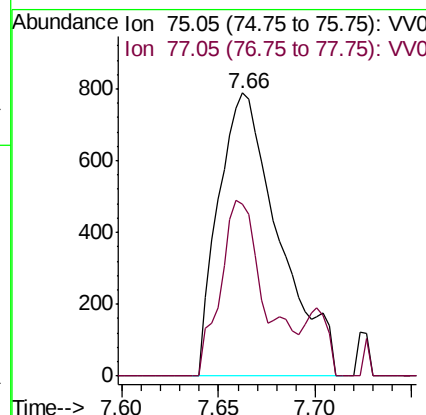
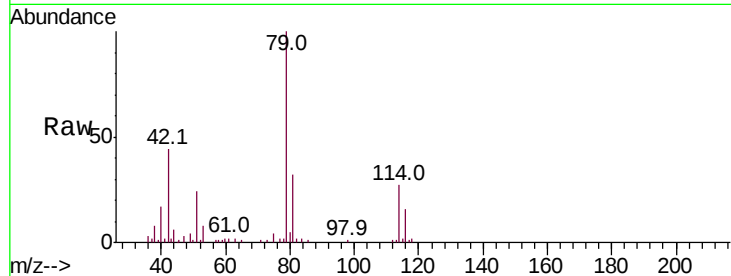
Lab File: VV012832.D

Acq: 16 Sep 2019 13:13

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 1715

Ion	Ratio	Lower	Upper
75	100		
77	60.7	22.3	41.3#



#48

2-Hexanone

Concen: 3.646 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012832.D

Acq: 16 Sep 2019 13:13

Tgt Ion: 43 Resp: 41610

Ion	Ratio	Lower	Upper
43	100		
58	38.1	44.8	67.2#
57	17.6	15.0	22.6
100	8.5	8.8	13.2#

