

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091619\
 Data File : VV012835.D
 Acq On : 16 Sep 2019 14:33
 Operator : SY/MD
 Sample : K4780-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 17:06:03 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	394530	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	396678	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	147587	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	209828	7.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	153.60%#
7) Chloroethane-d5	1.58	69	171123	7.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	159.80%#
11) 1,1-Dichloroethene-d2	2.13	63	254472	5.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.40%
20) 2-Butanone-d5	3.98	46	443767	117.50	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	235.00%#
24) Chloroform-d	4.40	84	325326	7.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	151.60%#
26) 1,2-Dichloroethane-d4	5.08	65	172026	8.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	174.20%#
32) Benzene-d6	5.09	84	670176	7.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	154.60%#
36) 1,2-Dichloropropane-d6	6.12	67	209812	7.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	159.00%#
41) Toluene-d8	7.36	98	537967	6.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	138.20%#
43) trans-1,3-Dichloropropene-	7.66	79	58962	6.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	138.40%#
46) 2-Hexanone-d5	8.14	63	213079	89.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	178.40%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	120397	8.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	166.00%#
64) 1,2-Dichlorobenzene-d4	11.67	152	187688	9.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	183.40%#

Target Compounds

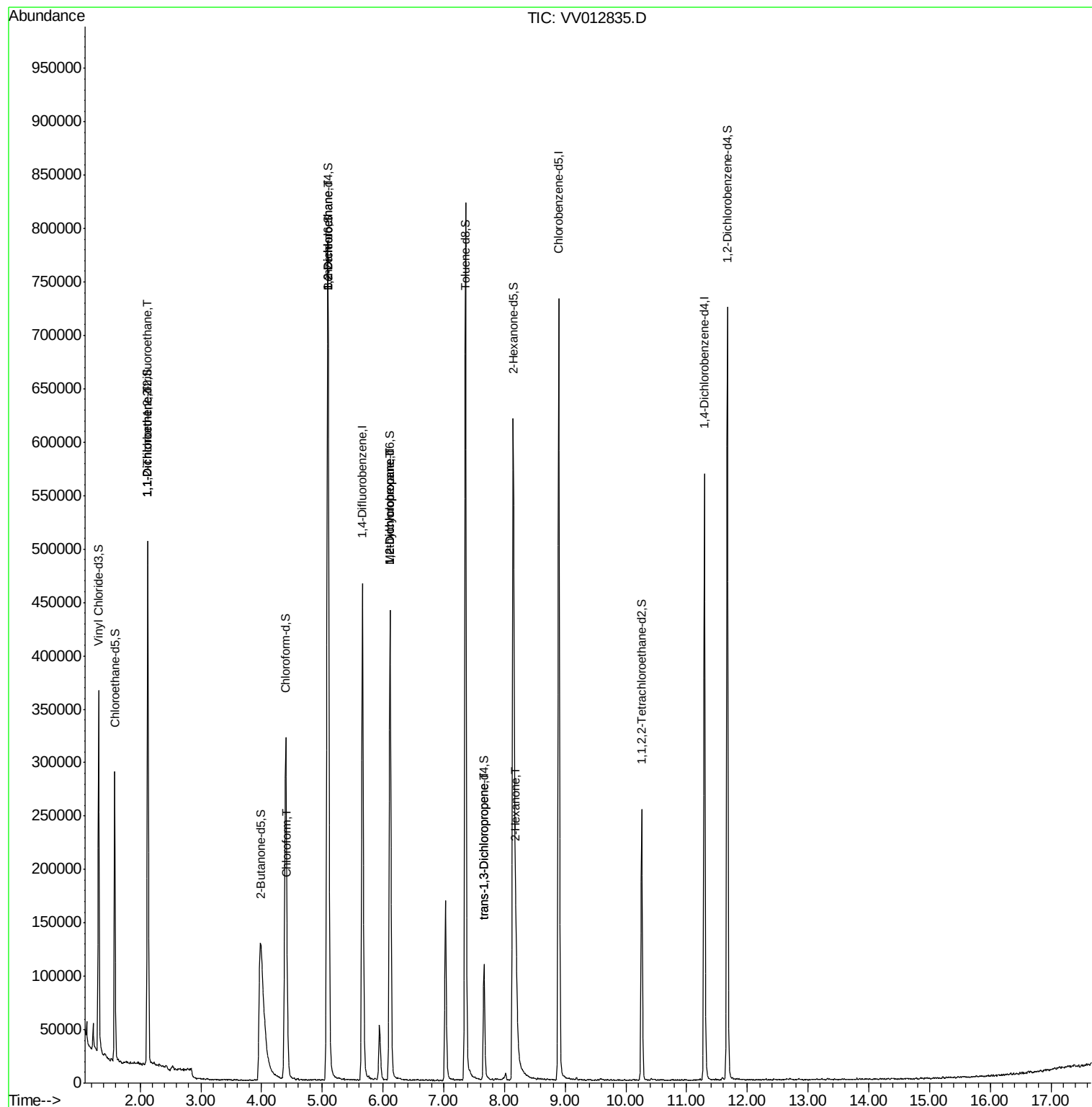
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2685	0.114 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	2203	0.102 ug/L #	1
25) Chloroform	4.43	83	12628	0.233 ug/L	98
27) 1,2-Dichloroethane	5.09	62	3947	0.141 ug/L	99
35) Methylcyclohexane	6.12	83	50259	1.430 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	22306	0.827 ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	2645	0.099 ug/L	100
48) 2-Hexanone	8.19	43	81797	7.195 ug/L #	87

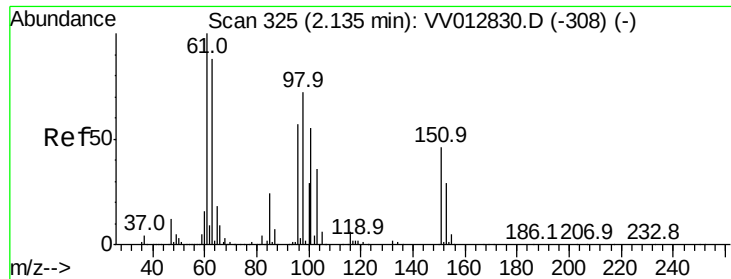
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.114 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012835.D

Acq: 16 Sep 2019 14:33

Instrument :

MSVOA_V

ClientSampleId :

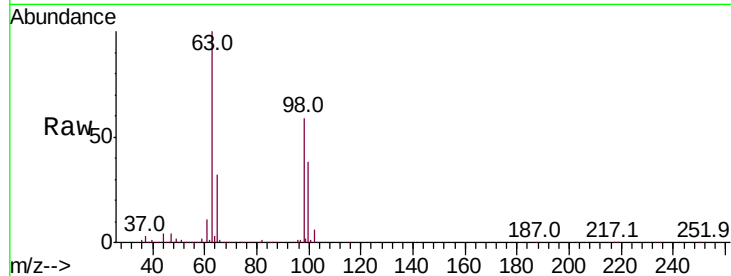
Tot Ion:101 Resp: 2685

Ion Ratio Lower Upper

101 100

85 2.6 32.9 49.3#

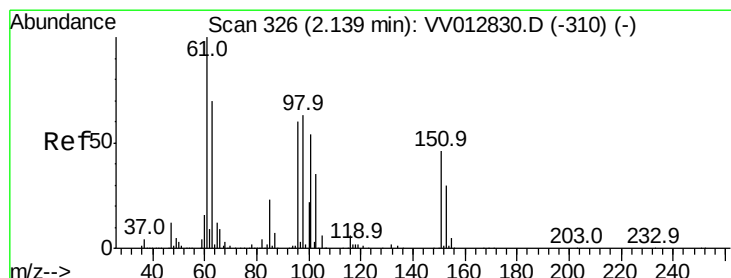
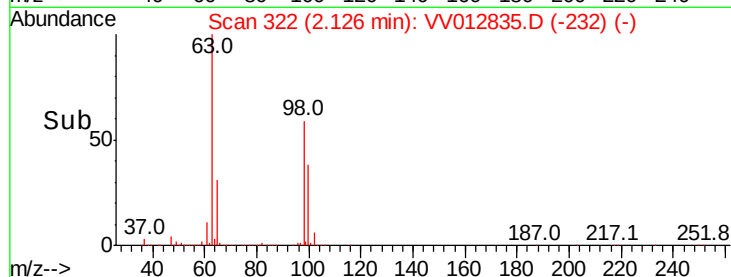
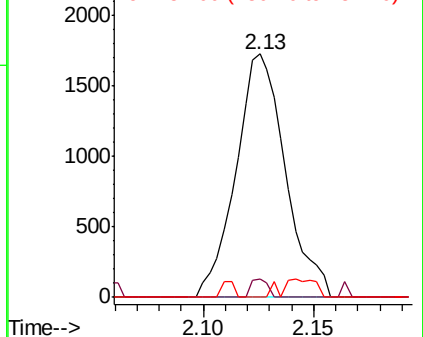
151 1.6 65.0 97.6#



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: 0.102 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012835.D

Acq: 16 Sep 2019 14:33

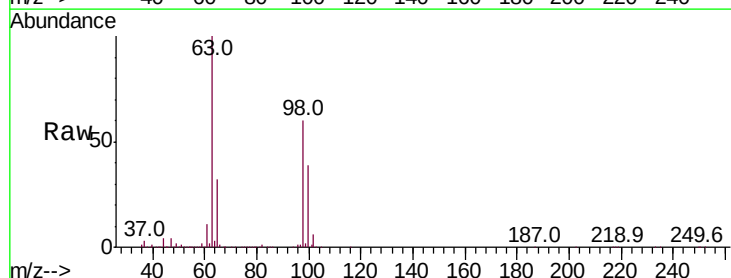
Tgt Ion: 96 Resp: 2203

Ion Ratio Lower Upper

96 100

61 1475.0 120.1 223.1#

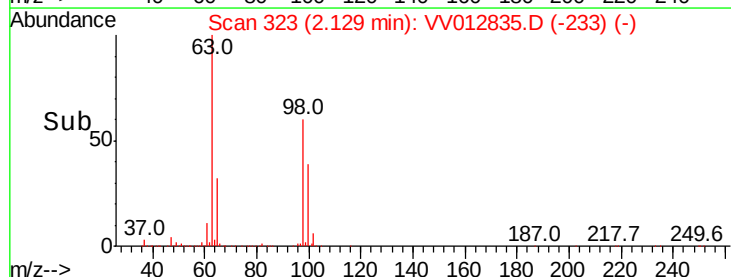
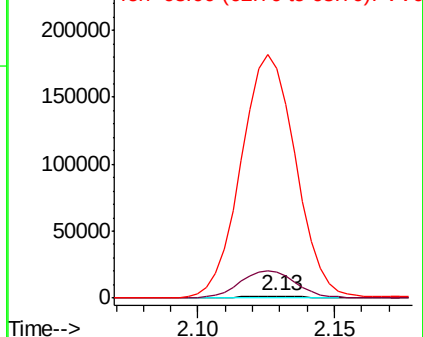
63 12886.6 88.3 164.1#

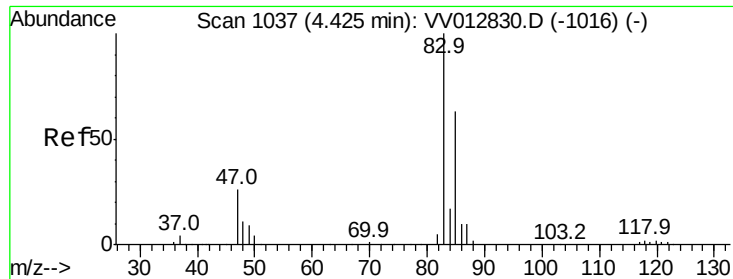


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

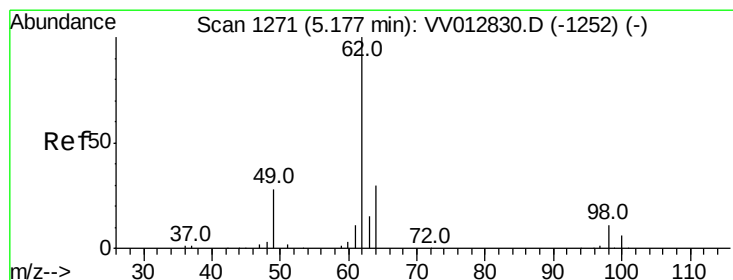
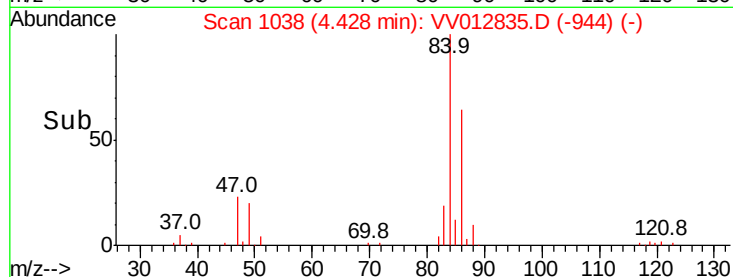
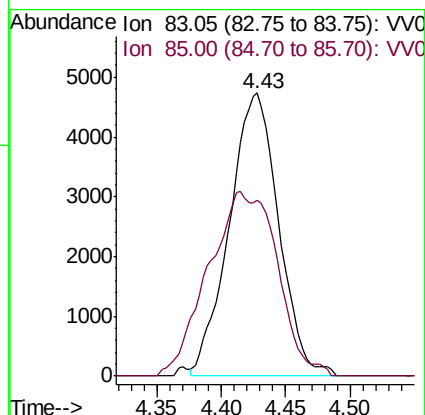
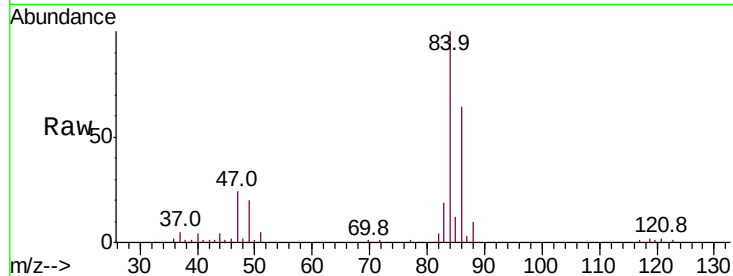




#25
Chloroform
Concen: 0.233 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012835.D
Acq: 16 Sep 2019 14:33

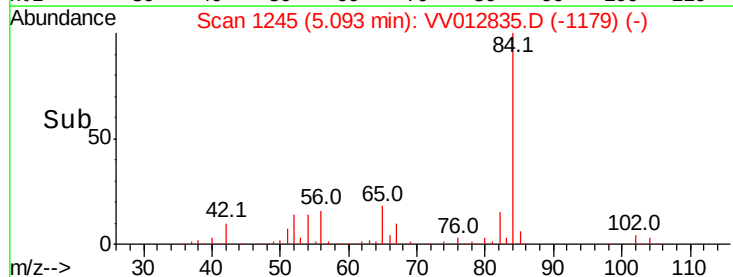
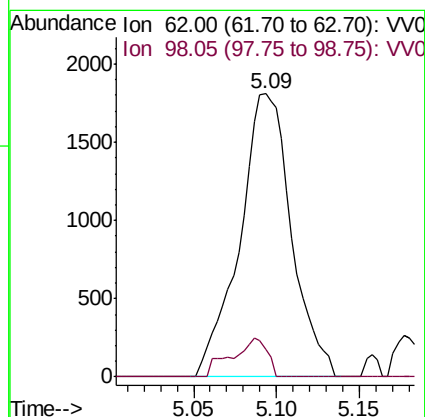
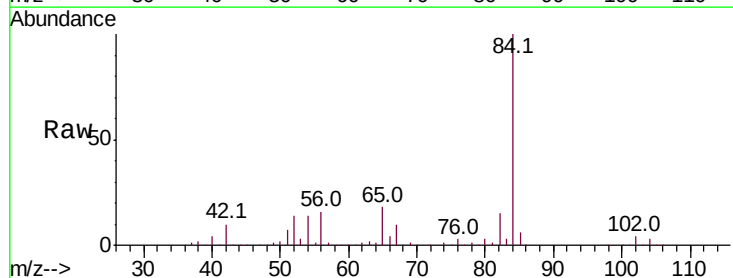
Instrument :
MSVOA_V
ClientSampled :

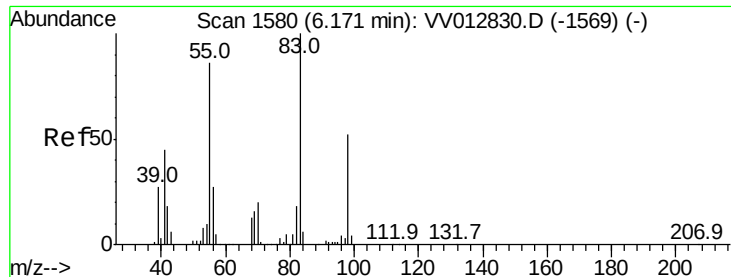
Tot Ion: 83 Resp: 12628
Ion Ratio Lower Upper
83 100
85 62.0 44.4 82.5



#27
1,2-Dichloroethane
Concen: 0.141 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VV012835.D
Acq: 16 Sep 2019 14:33

Tgt Ion: 62 Resp: 3947
Ion Ratio Lower Upper
62 100
98 9.9 8.3 12.5

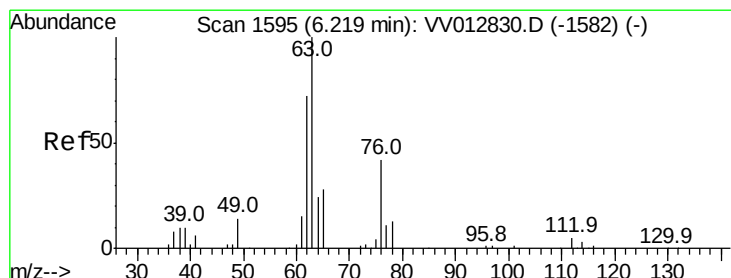
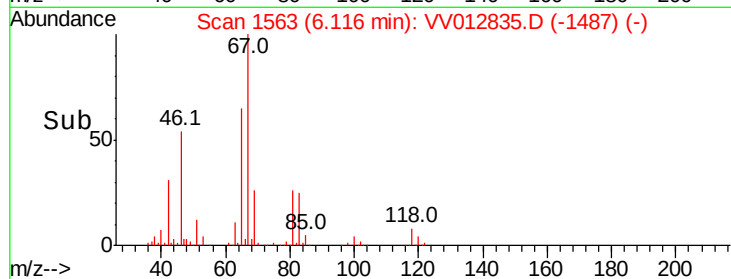
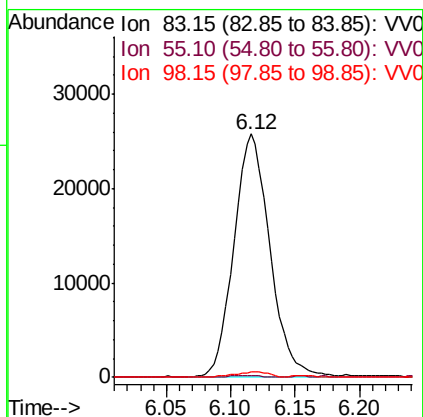
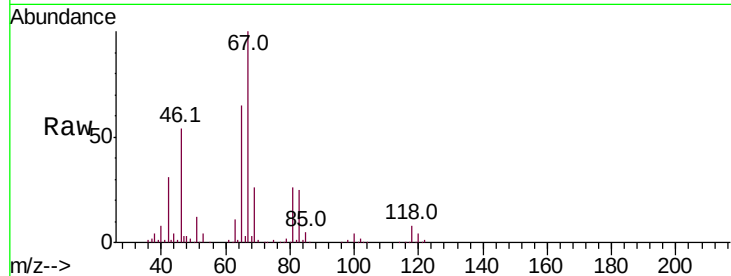




#35
Methylcyclohexane
Concen: 1.430 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012835.D
Acq: 16 Sep 2019 14:33

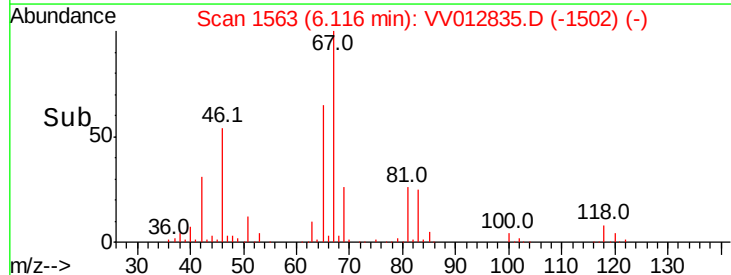
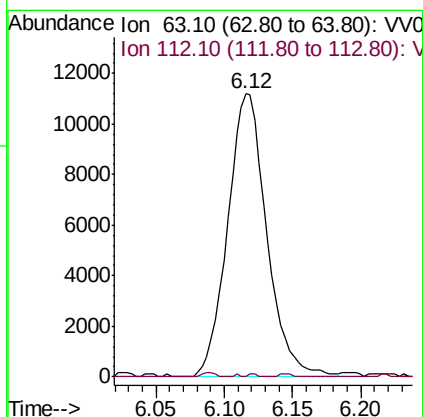
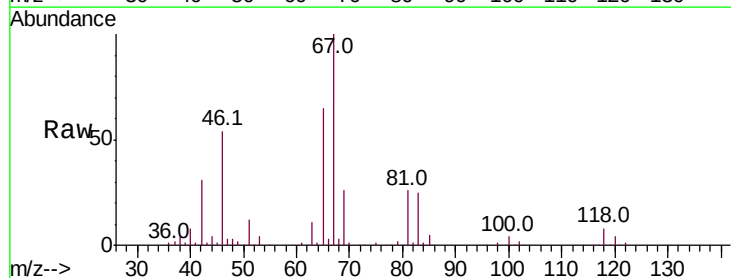
Instrument :
MSVOA_V
ClientSampleId :

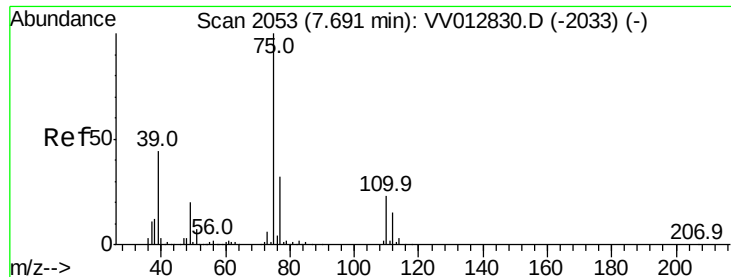
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.6	65.4	98.2#
98	2.2	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 0.827 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012835.D
Acq: 16 Sep 2019 14:33

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.2	4.2	6.2#





#44

trans-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012835.D

Acq: 16 Sep 2019 14:33

Instrument :

MSVOA_V

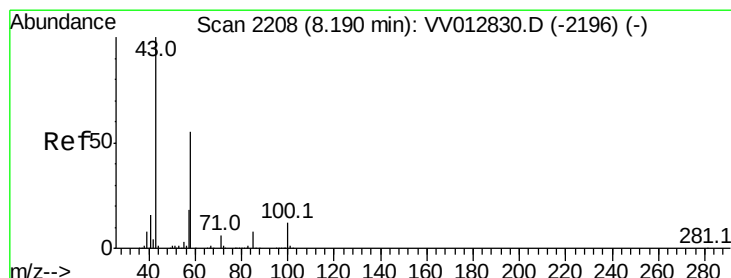
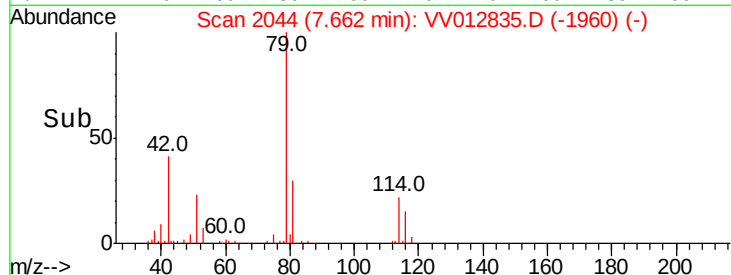
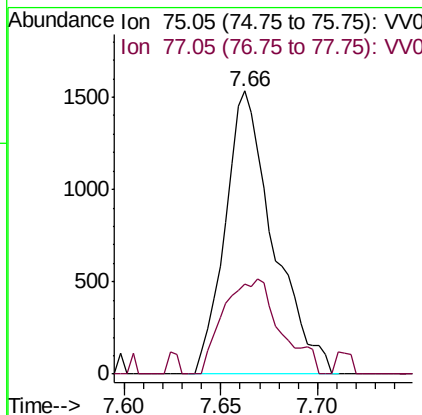
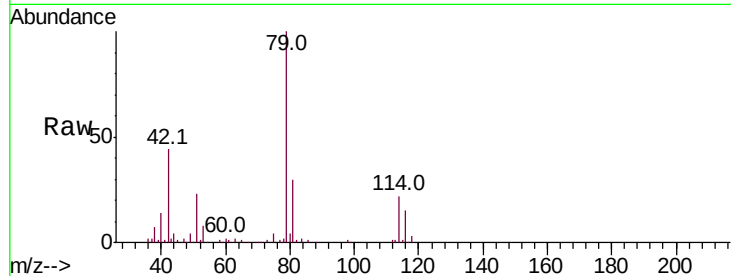
ClientSampleId :

Tot Ion: 75 Resp: 2645

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.3



#48

2-Hexanone

Concen: 7.195 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012835.D

Acq: 16 Sep 2019 14:33

Tgt Ion: 43 Resp: 81797

Ion Ratio Lower Upper

43 100

58 43.8 44.8 67.2#

57 16.3 15.0 22.6

100 8.1 8.8 13.2#

