

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122719\
 Data File : VV014193.D
 Acq On : 27 Dec 2019 16:19
 Operator : SY/MD
 Sample : K6432-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF6Y0

Quant Time: Dec 28 01:08:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 28 01:05:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	749425	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	677037	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	315279	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	156721	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.58	69	135425	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.13	63	215478	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	3.94	46	404707	46.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.84%
24) Chloroform-d	4.39	84	396799	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.08	65	199932	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.09	84	880595	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.11	67	274821	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.35	98	818490	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.66	79	111938	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.13	63	429609	45.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.44%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	187141	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	269452	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

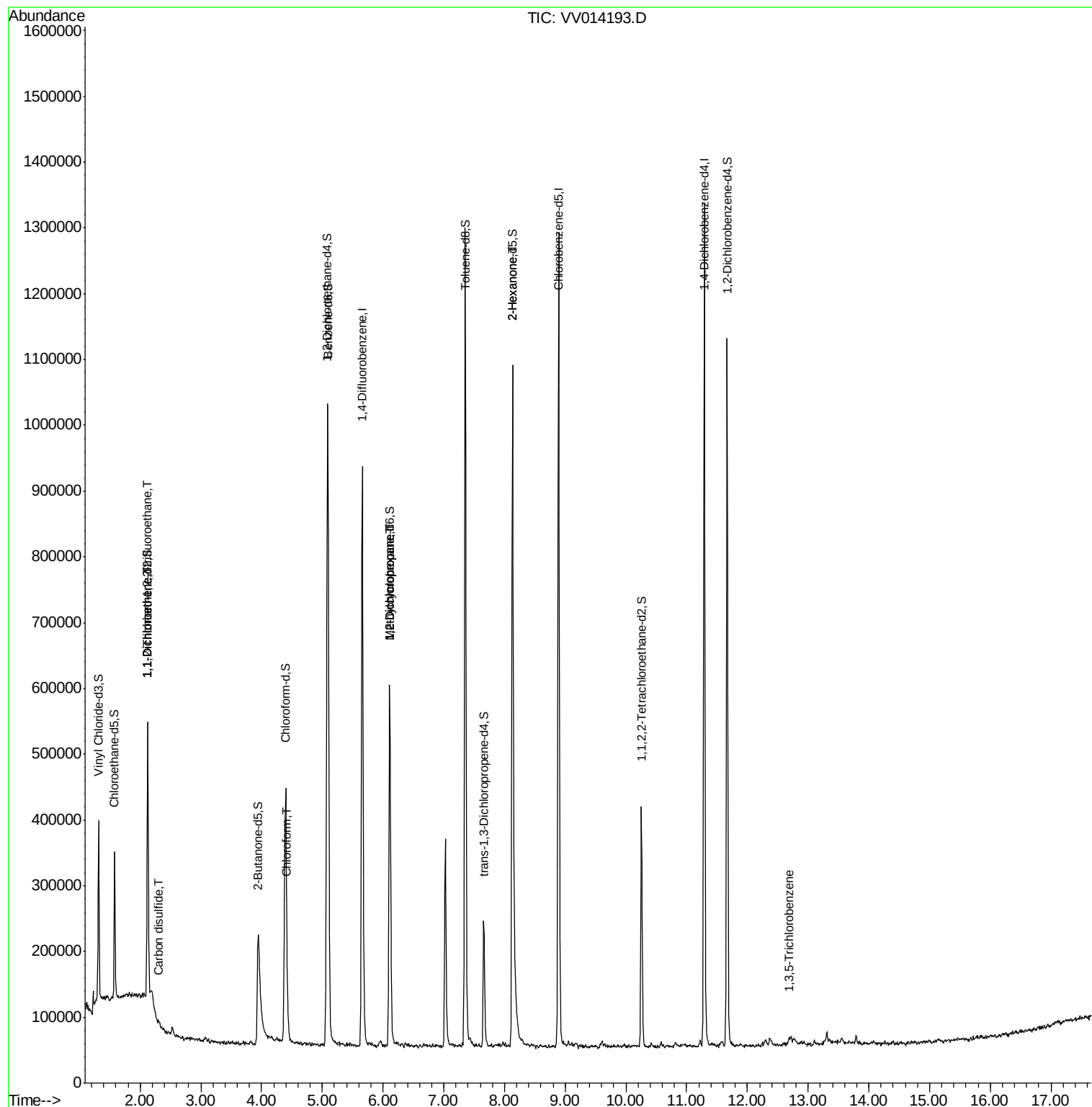
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2913	0.086 ug/L #	46
12) 1,1-Dichloroethene	2.12	96	2726	0.082 ug/L #	1
14) Carbon disulfide	2.31	76	7557	0.052 ug/L #	78
25) Chloroform	4.42	83	25483	0.262 ug/L	93
35) Methylcyclohexane	6.11	83	63758	0.682 ug/L #	21
37) 1,2-Dichloropropane	6.11	63	28337	0.557 ug/L #	87
48) 2-Hexanone	8.13	43	47479	2.170 ug/L #	68
67) 1,3,5-Trichlorobenzene	12.69	180	3937	0.052 ug/L	92

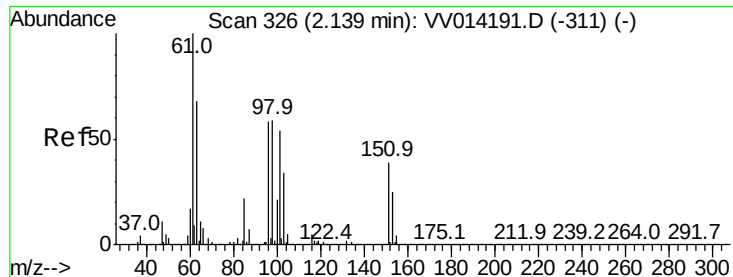
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.086 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014193.D

Acq: 27 Dec 2019 16:19

Instrument :

MSVOA_V

ClientSampled :

BF6Y0

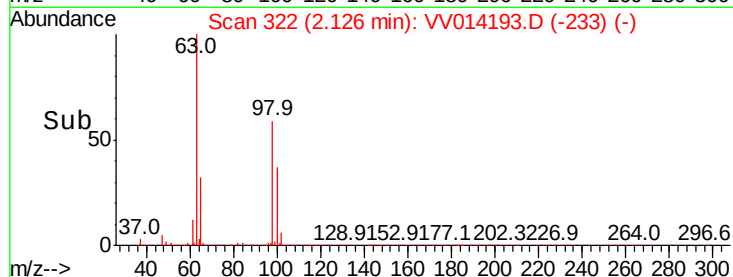
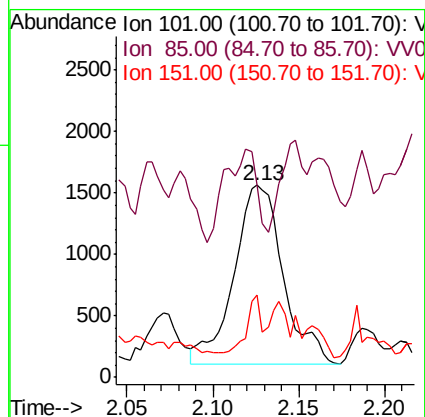
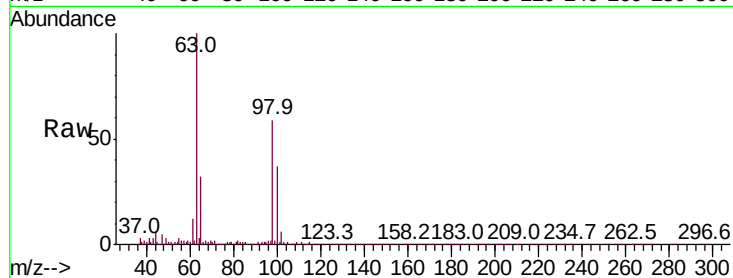
Tot Ion:101 Resp: 2913

Ion Ratio Lower Upper

101 100

85 37.4 34.9 52.3

151 8.8 62.5 93.7#



#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.02 min

Lab File: VV014193.D

Acq: 27 Dec 2019 16:19

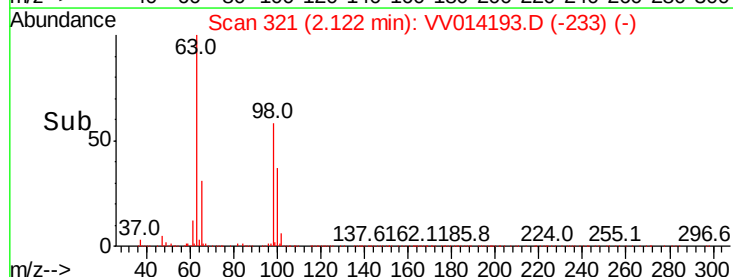
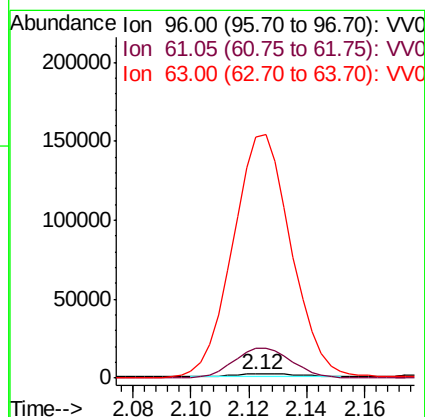
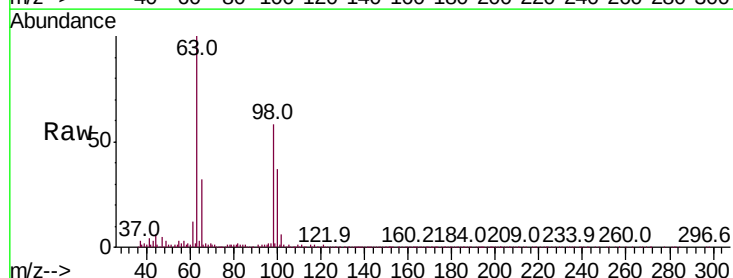
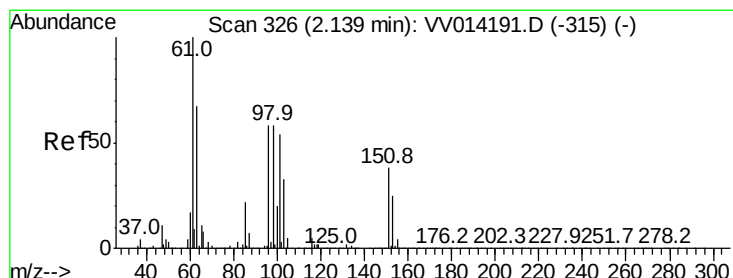
Tgt Ion: 96 Resp: 2726

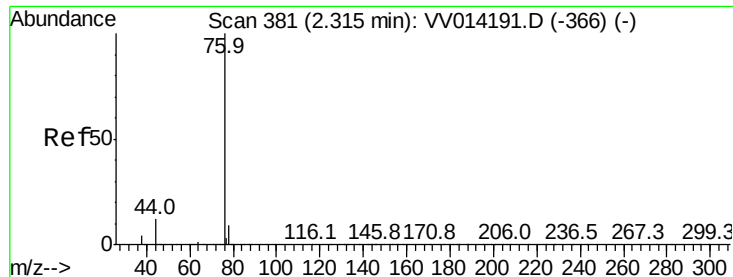
Ion Ratio Lower Upper

96 100

61 711.0 121.5 225.7#

63 5748.4 90.3 167.7#





#14

Carbon disulfide

Concen: 0.052 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV014193.D

Acq: 27 Dec 2019 16:19

Instrument :

MSVOA_V

ClientSampleId :

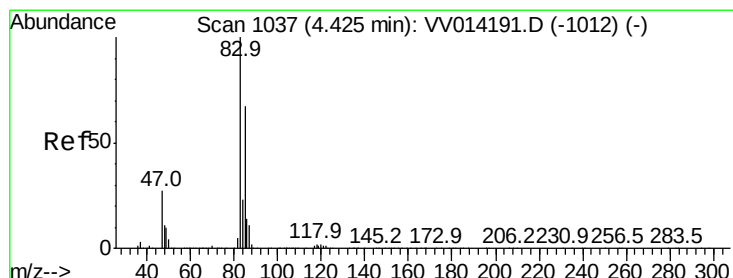
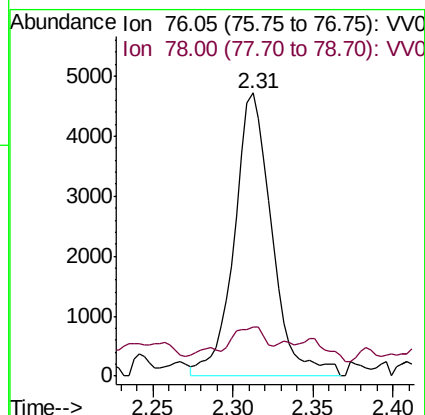
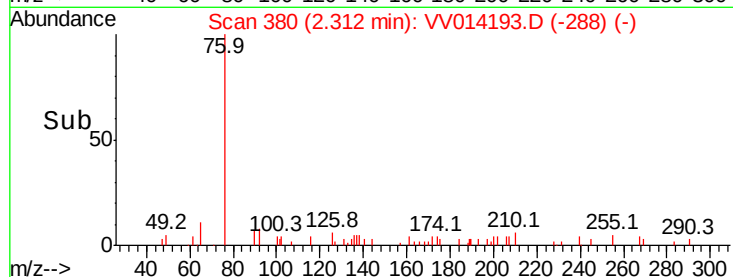
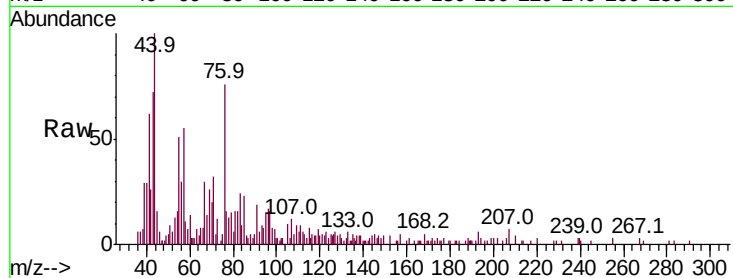
BF6Y0

Tot Ion: 76 Resp: 7557

Ion Ratio Lower Upper

76 100

78 17.5 7.5 11.3#



#25

Chloroform

Concen: 0.262 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV014193.D

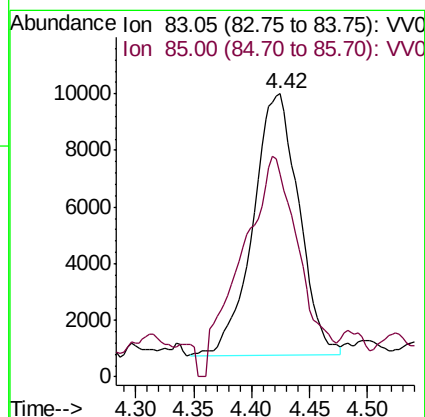
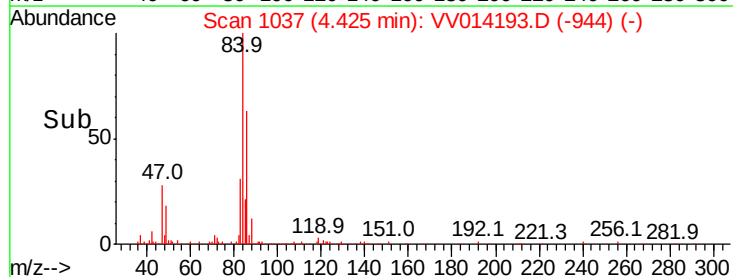
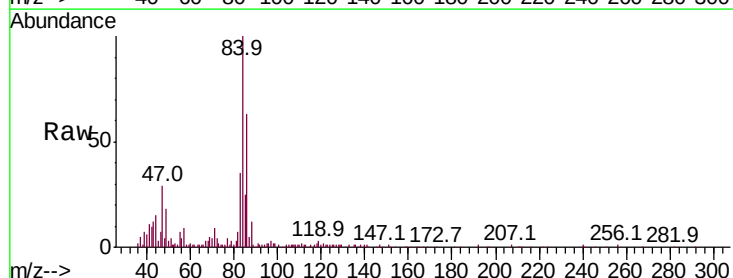
Acq: 27 Dec 2019 16:19

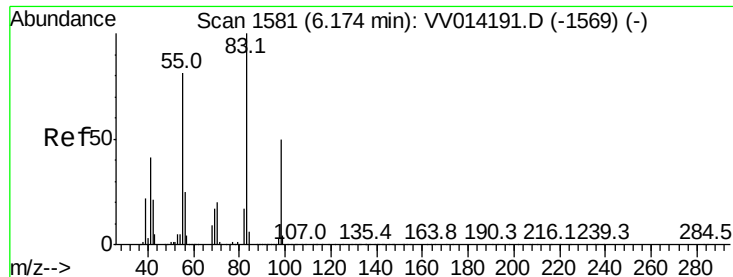
Tgt Ion: 83 Resp: 25483

Ion Ratio Lower Upper

83 100

85 71.6 46.2 85.8

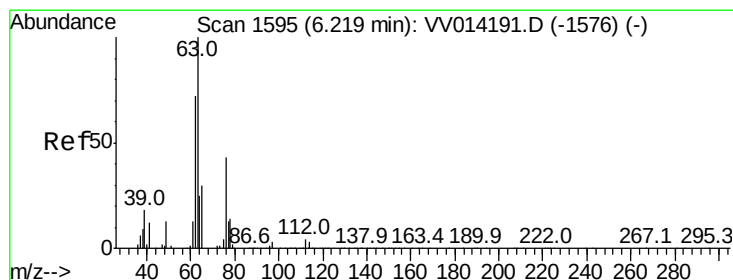
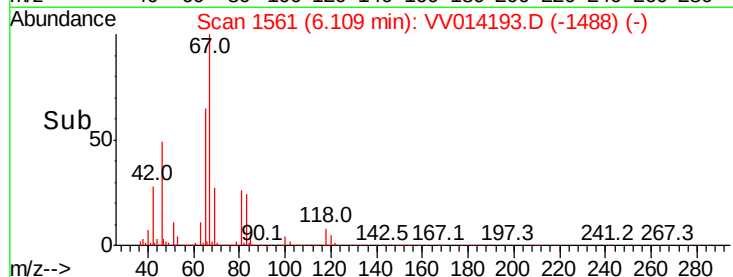
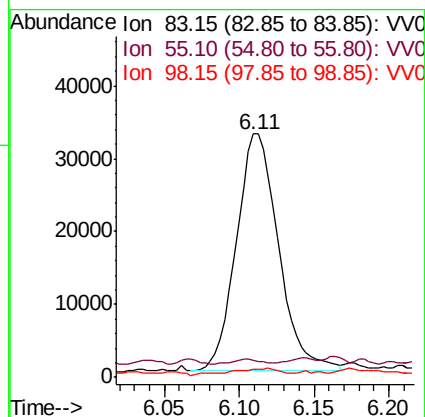
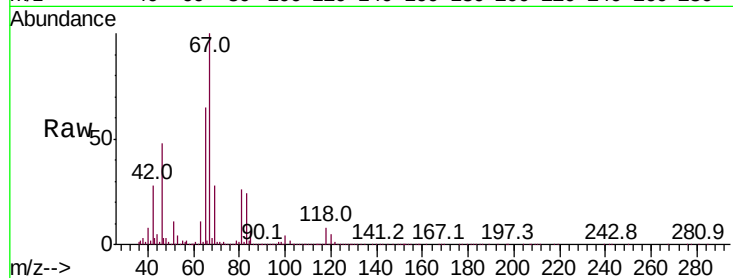




#35
Methvlcvclohexane
Concen: 0.682 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.06 min
Lab File: VV014193.D
Acq: 27 Dec 2019 16:19

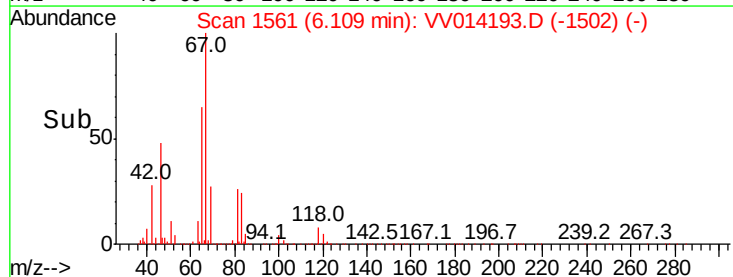
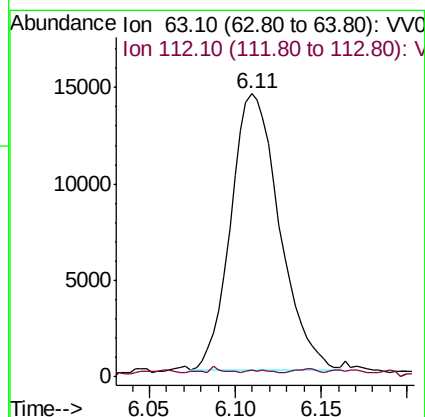
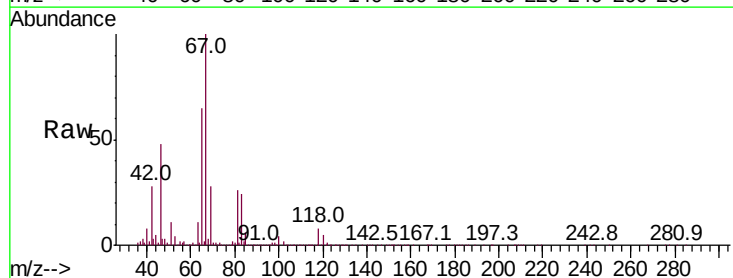
Instrument :
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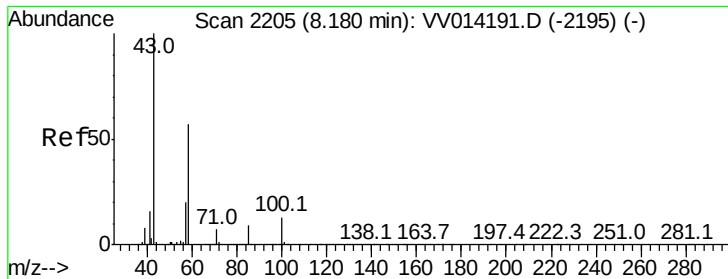
Tot Ion: 83 Resp: 63758
Ion Ratio Lower Upper
83 100
55 1.9 61.7 92.5#
98 3.2 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.557 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV014193.D
Acq: 27 Dec 2019 16:19

Tgt Ion: 63 Resp: 28337
Ion Ratio Lower Upper
63 100
112 0.4 3.7 5.5#

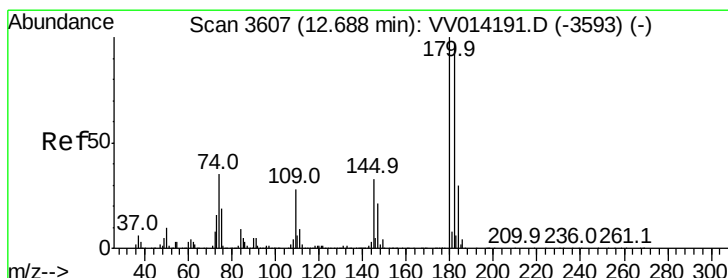
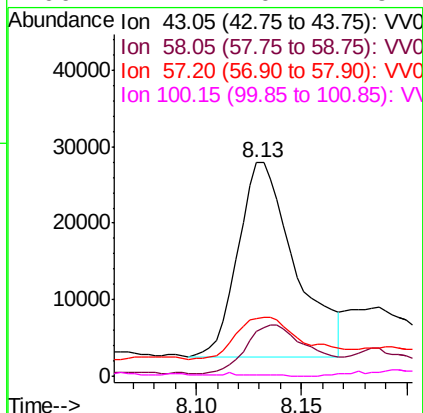
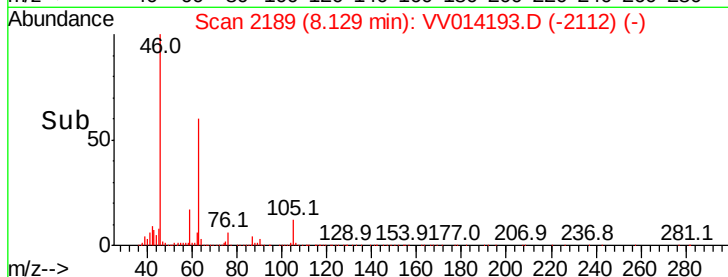
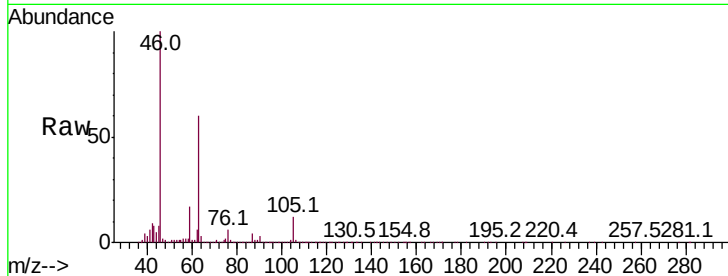




#48
 2-Hexanone
 Concen: 2.170 ug/L
 RT: 8.13 min Scan# 2189
 Delta R.T. -0.05 min
 Lab File: VV014193.D
 Acq: 27 Dec 2019 16:19

Instrument :
 MSVOA_V
 ClientSampleId :
 BF6Y0

Tot Ion:	43	Resp:	47479
Ion	Ratio	Lower	Upper
43	100		
58	27.8	45.4	68.0#
57	25.6	15.8	23.8#
100	1.1	10.2	15.4#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.052 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV014193.D
 Acq: 27 Dec 2019 16:19

Tgt Ion:	180	Resp:	3937
Ion	Ratio	Lower	Upper
180	100		
182	87.8	77.2	115.8
184	28.8	24.6	36.8
145	39.4	26.9	40.3

