

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013620.D
 Acq On : 14 Nov 2019 12:55
 Operator : SY/MD
 Sample : K5815-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 15 02:43:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 02:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	296023	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	308801	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	132188	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109065	5.74	ug/L	-0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.80%
7) Chloroethane-d5	1.58	69	93860	6.19	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.80%
11) 1,1-Dichloroethene-d2	2.13	63	137053	4.21	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.20%
20) 2-Butanone-d5	3.93	46	209141	61.42	ug/L	-0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.84%
24) Chloroform-d	4.39	84	218588	6.70	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	134.00%#
26) 1,2-Dichloroethane-d4	5.07	65	108483	6.82	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	136.40%#
32) Benzene-d6	5.09	84	396863	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.11	67	128453	5.03	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.35	98	314059	4.17	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.66	79	41824	4.40	ug/L	-0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.13	63	127146	33.56	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	73091	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	128541	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

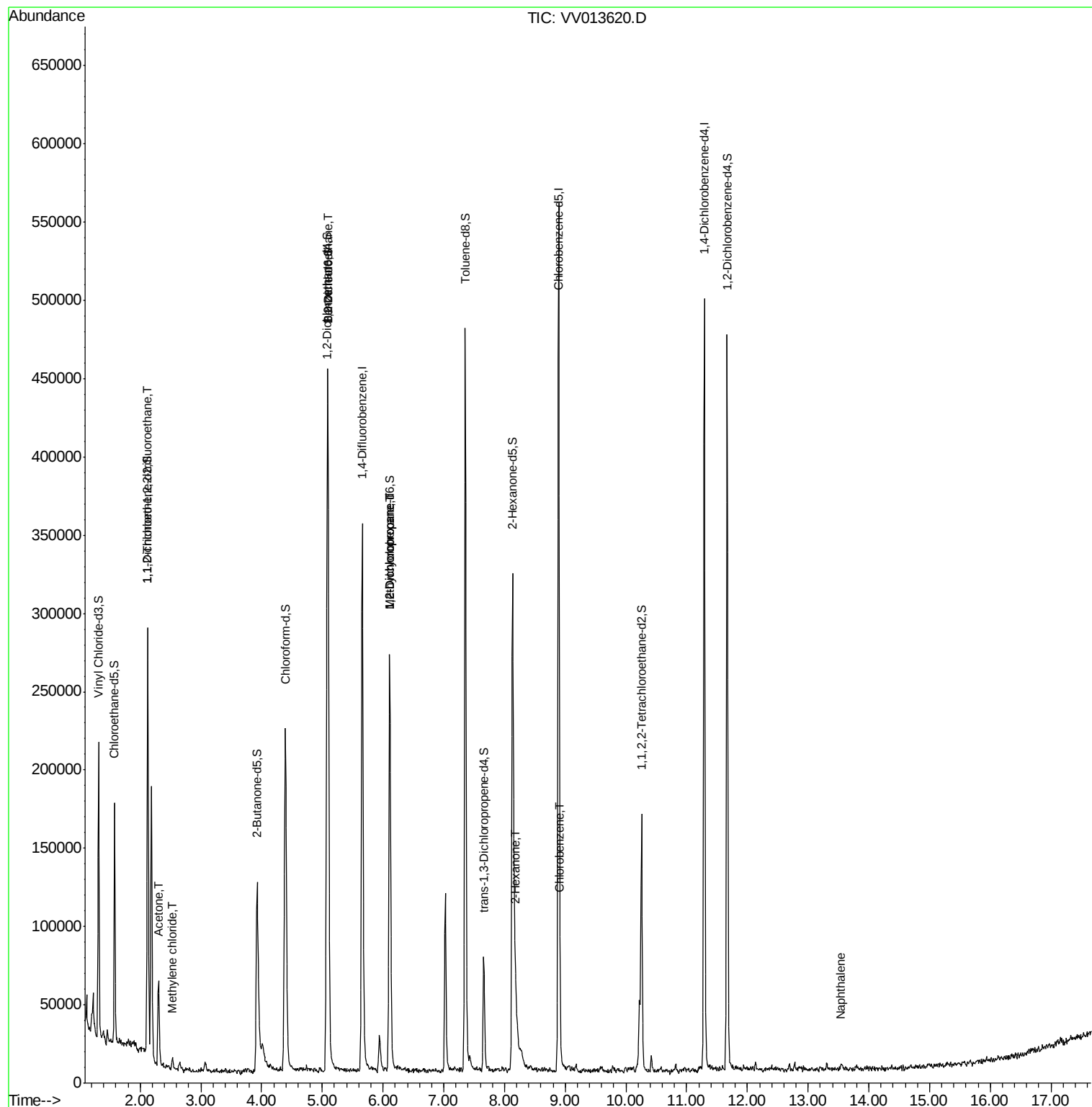
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1417	0.077 ug/L #	22
13) Acetone	2.30	43	12454	5.656 ug/L #	65
16) Methylene chloride	2.53	84	3100	0.166 ug/L	97
27) 1,2-Dichloroethane	5.09	62	3118	0.138 ug/L	97
35) Methylcyclohexane	6.11	83	31453	0.855 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	13683	0.587 ug/L #	99
48) 2-Hexanone	8.18	43	18295	1.996 ug/L #	82
51) Chlorobenzene	8.92	112	3221	0.050 ug/L #	80
69) Naphthalene	13.55	128	2882	0.085 ug/L #	94

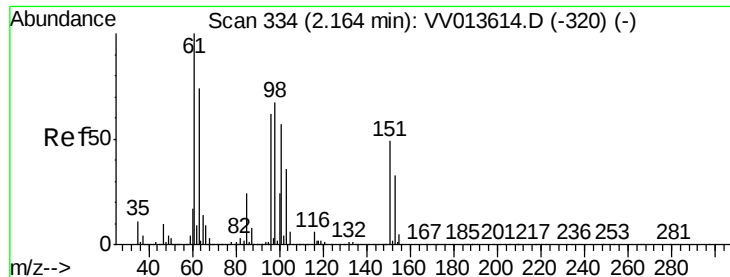
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.077 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.04 min

Lab File: VV013620.D

Acq: 14 Nov 2019 12:55

Instrument :

MSVOA_V

ClientSampleId :

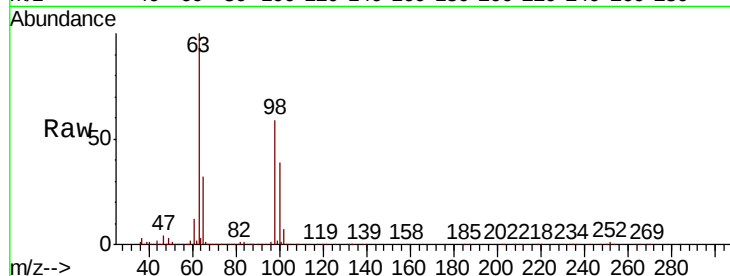
Tot Ion:101 Resp: 1417

Ion Ratio Lower Upper

101 100

85 6.8 33.1 49.7#

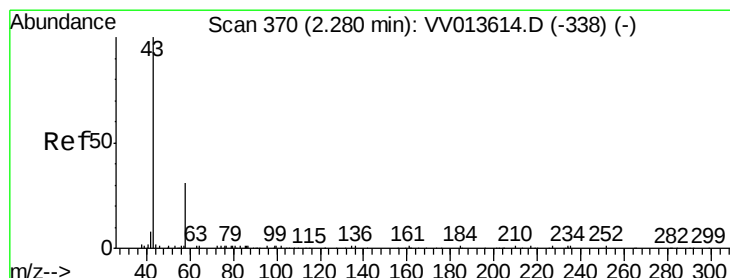
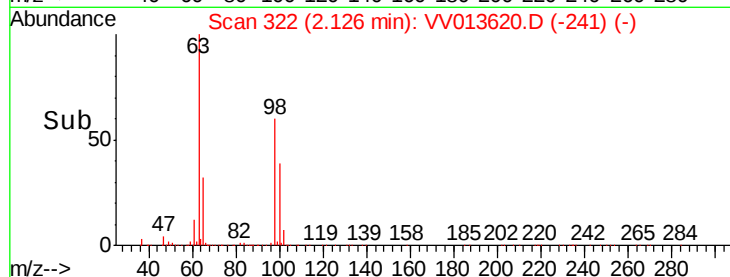
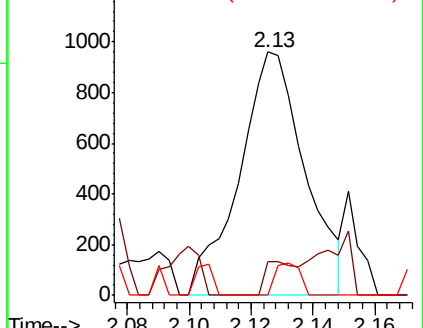
151 4.9 69.5 104.3#



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



#13

Acetone

Concen: 5.656 ug/L

RT: 2.30 min Scan# 377

Delta R.T. 0.02 min

Lab File: VV013620.D

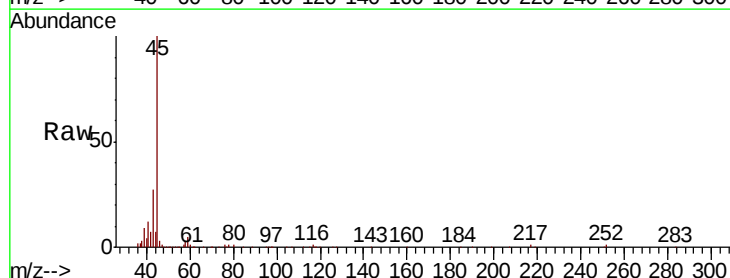
Acq: 14 Nov 2019 12:55

Tgt Ion: 43 Resp: 12454

Ion Ratio Lower Upper

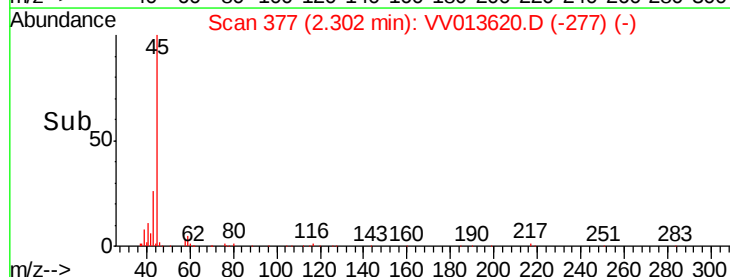
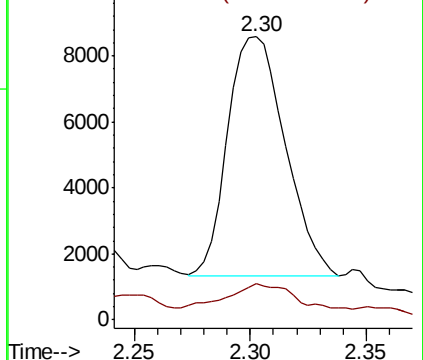
43 100

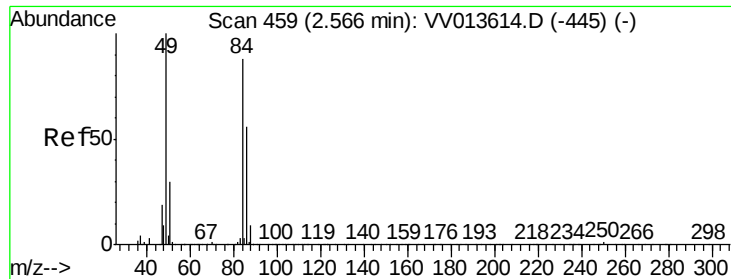
58 0.0 0.0 28.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

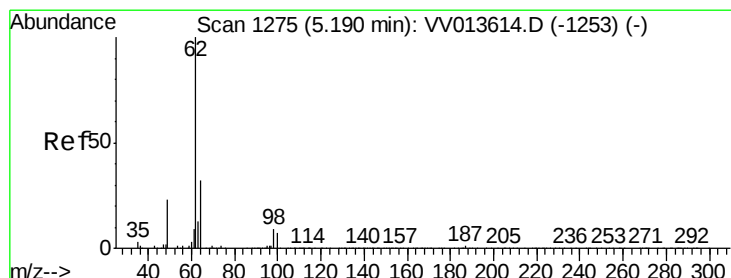
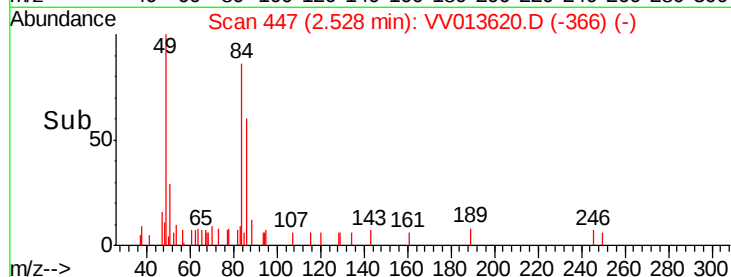
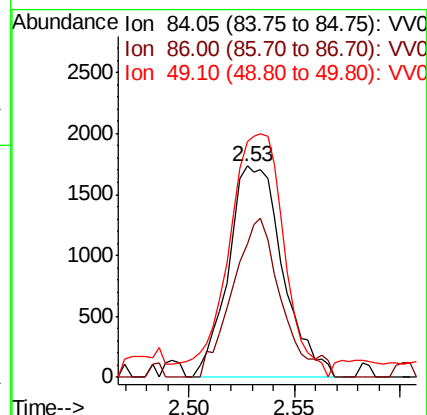
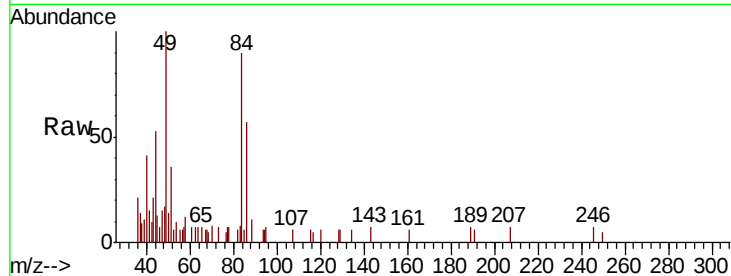




#16
Methylene chloride
Concen: 0.166 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.04 min
Lab File: VV013620.D
Acq: 14 Nov 2019 12:55

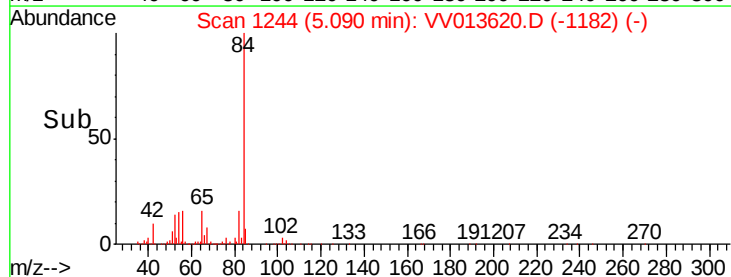
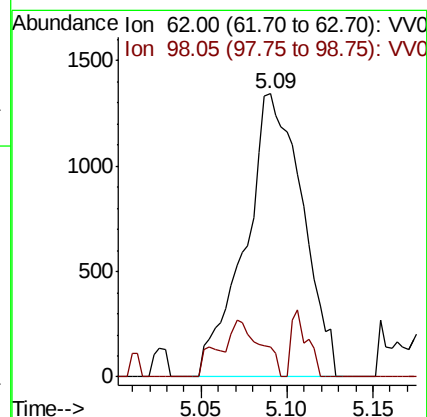
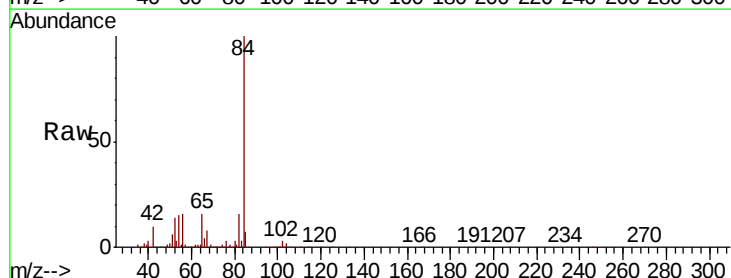
Instrument :
MSVOA_V
ClientSampleId :

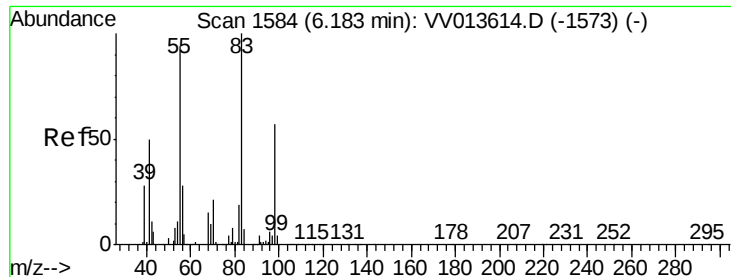
Tot Ion: 84 Resp: 3100
Ion Ratio Lower Upper
84 100
86 63.4 45.1 83.9
49 111.7 81.4 151.2



#27
1,2-Dichloroethane
Concen: 0.138 ug/L
RT: 5.09 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VV013620.D
Acq: 14 Nov 2019 12:55

Tgt Ion: 62 Resp: 3118
Ion Ratio Lower Upper
62 100
98 10.4 7.4 11.2





#35

Methylcyclohexane

Concen: 0.855 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.07 min

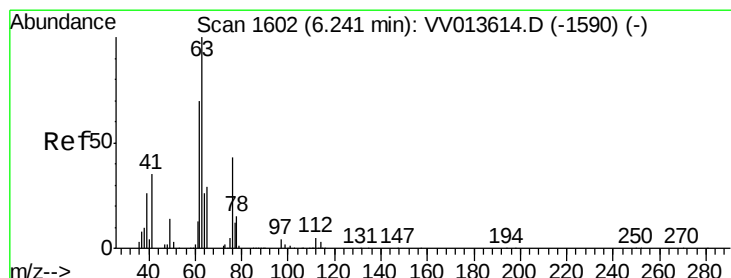
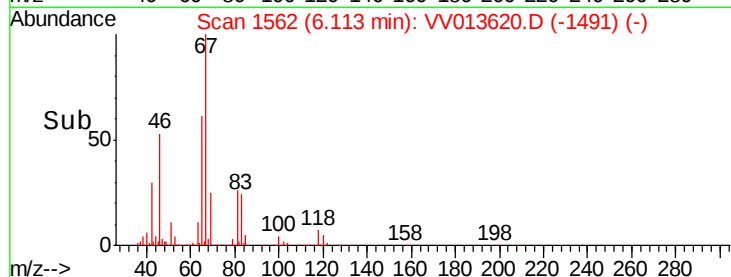
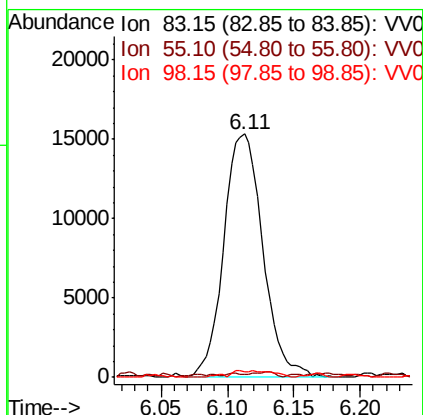
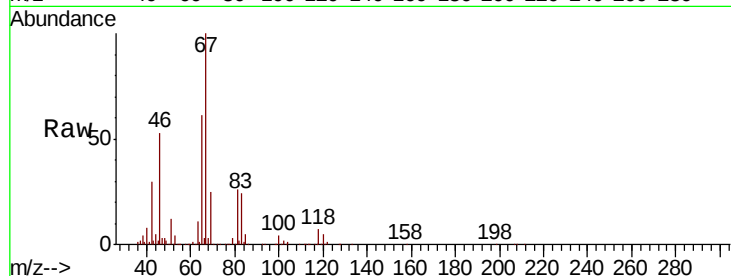
Lab File: VV013620.D

Acq: 14 Nov 2019 12:55

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 31453

Ion	Ratio	Lower	Upper
83	100		
55	0.7	67.0	100.4#
98	2.8	38.5	57.7#



#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.11 min Scan# 1562

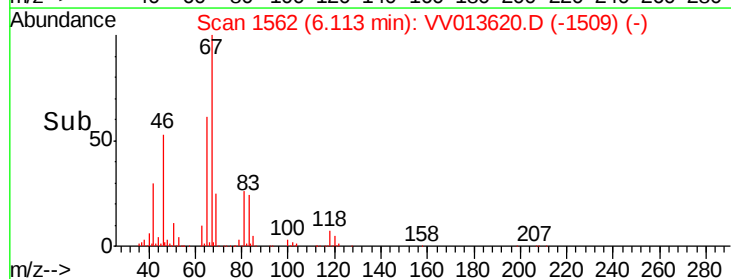
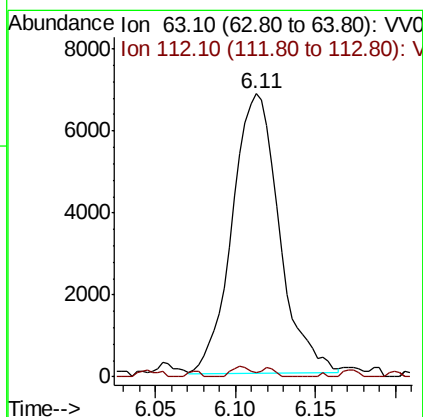
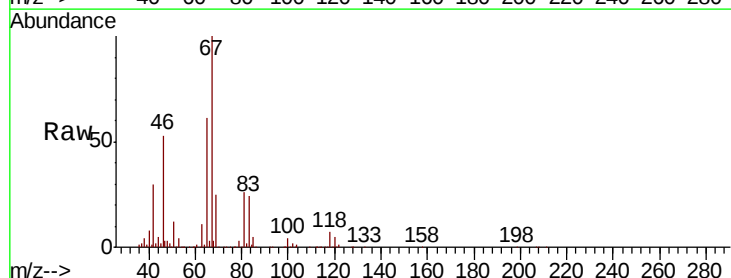
Delta R.T. -0.13 min

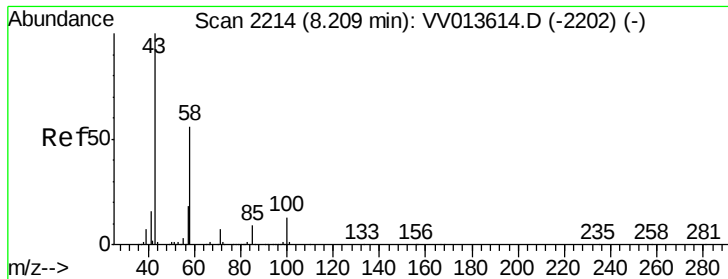
Lab File: VV013620.D

Acq: 14 Nov 2019 12:55

Tgt Ion: 63 Resp: 13683

Ion	Ratio	Lower	Upper
63	100		
112	1.0	0.2	0.2#

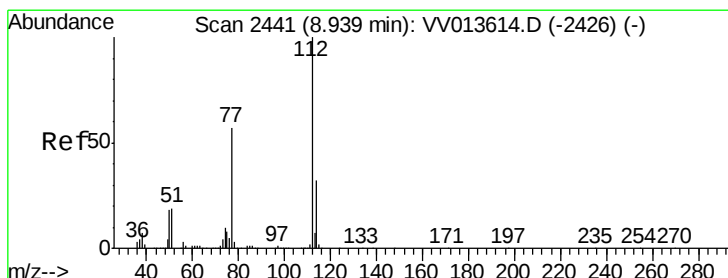
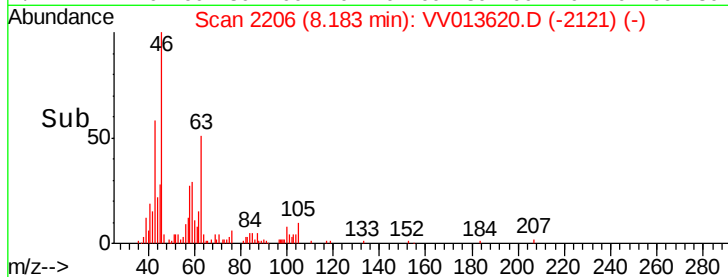
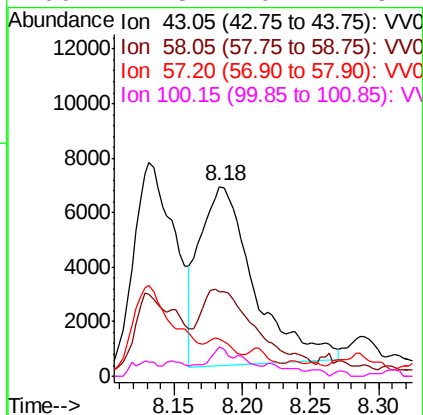
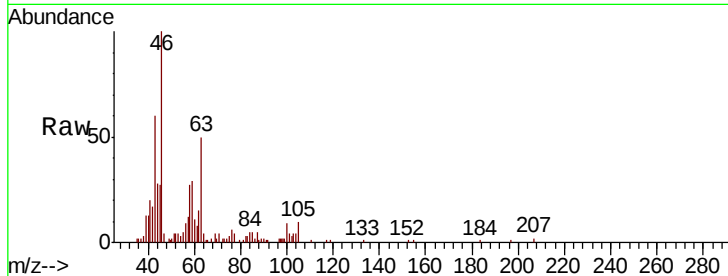




#48
2-Hexanone
Concen: 1.996 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.03 min
Lab File: VV013620.D
Acq: 14 Nov 2019 12:55

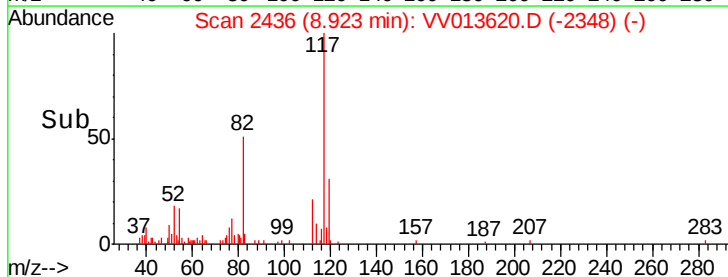
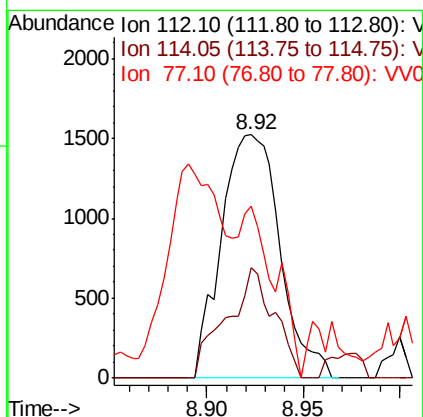
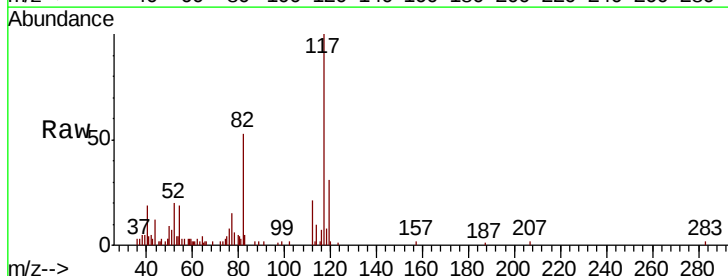
Instrument :
MSVOA_V
ClientSampleId :

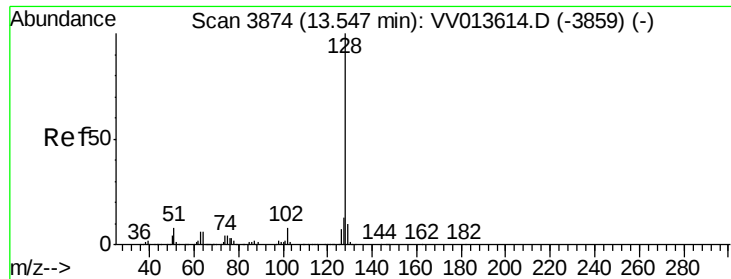
Tot Ion:	43	Resp:	18295
Ion	Ratio	Lower	Upper
43	100		
58	46.8	45.1	67.7
57	6.4	14.6	21.8#
100	2.8	10.2	15.2#



#51
Chlorobenzene
Concen: 0.050 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.02 min
Lab File: VV013620.D
Acq: 14 Nov 2019 12:55

Tgt Ion:	112	Resp:	3221
Ion	Ratio	Lower	Upper
112	100		
114	45.4	22.3	41.5#
77	70.7	46.0	69.0#





#69

Naphthalene

Concen: 0.085 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

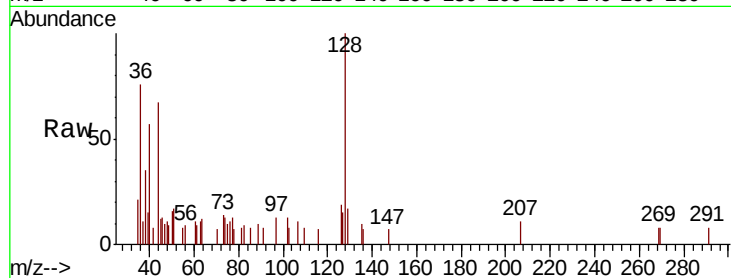
Lab File: VV013620.D

Acq: 14 Nov 2019 12:55

Instrument :

MSVOA_V

ClientSampleId :



Tot Ion:128	Resp:	2882
Ion	Ratio	Lower Upper
128	100	
129	7.8	8.2 12.4#
127	11.7	11.2 16.8

