

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013615.D
 Acq On : 14 Nov 2019 10:17
 Operator : SY/MD
 Sample : VV1114WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 15 02:43:13 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	5.67	114	411256	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.91	117	340267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	131533	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.35	65	107247	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.61	69	88209	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.16	63	139020	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.03	46	269703	57.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.02%
24) Chloroform-d	4.43	84	190722	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.10	65	97726	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.10	84	379954	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.13	67	136827	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.40	98	322515	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	7.70	79	45389	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.16	63	213857	51.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	98730	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	129993	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

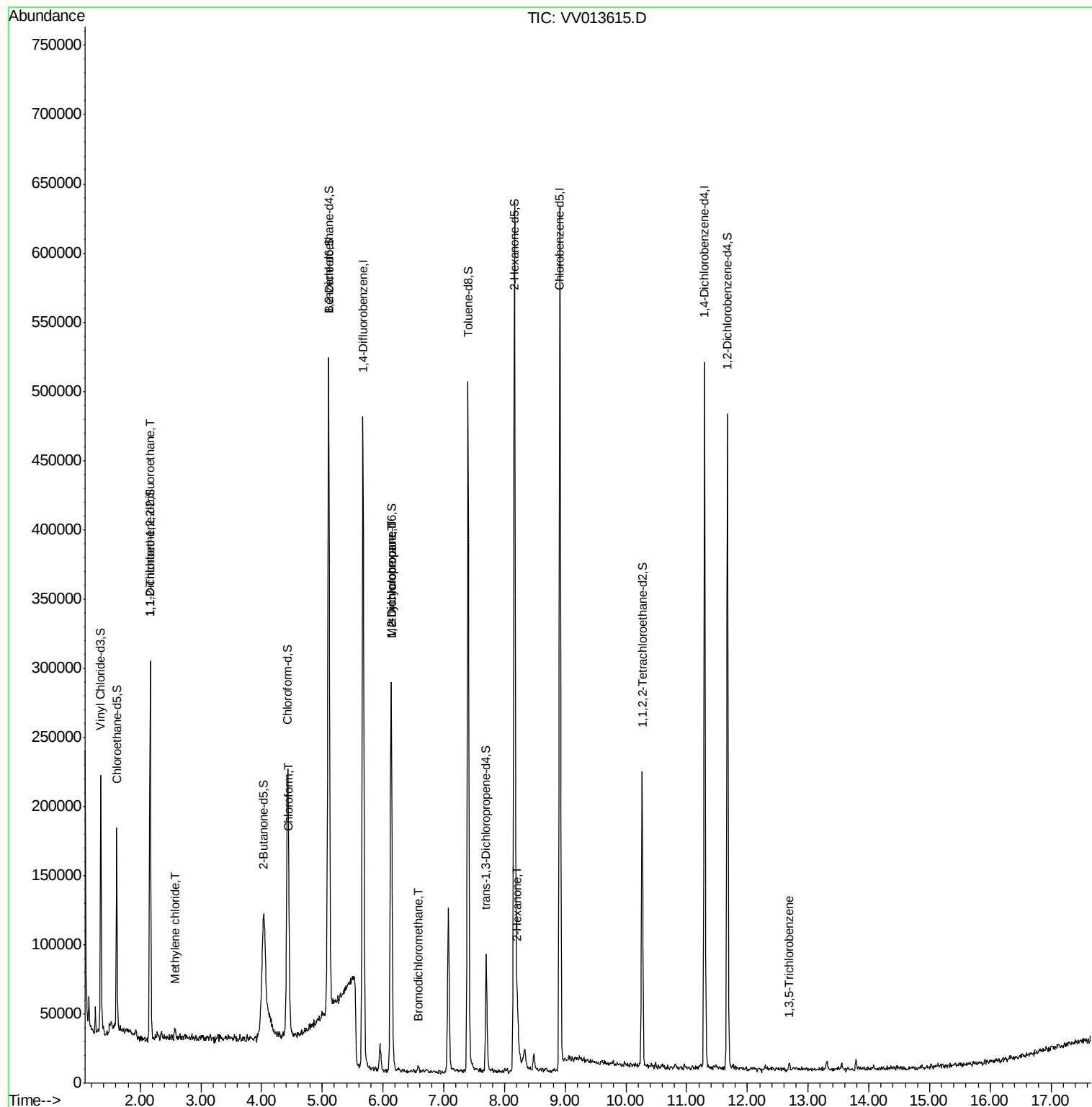
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.16	101	1811	0.070	ug/L #	26
16) Methylene chloride	2.58	84	3472	0.134	ug/L	91
25) Chloroform	4.46	83	19524	0.341	ug/L	90
35) Methylcyclohexane	6.14	83	33449	0.825	ug/L #	17
37) 1,2-Dichloropropane	6.13	63	15152	0.590	ug/L #	100
38) Bromodichloromethane	6.59	83	2163	0.062	ug/L #	84
48) 2-Hexanone	8.22	43	17221	1.705	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.68	180	1824	0.053	ug/L	97

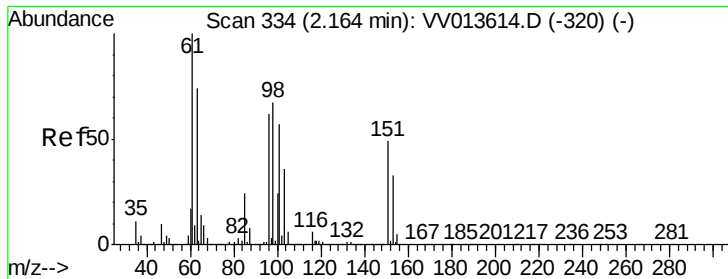
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 02:40:46 2019
Response via : Initial Calibration





#10

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

Concen: 0.070 ug/L

RT: 2.16 min Scan# 333

Delta R.T. -0.00 min

Lab File: VV013615.D

Acq: 14 Nov 2019 10:17

Instrument :

MSVOA_V

ClientSampleId :

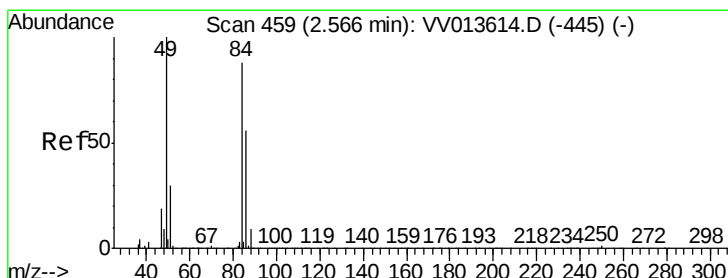
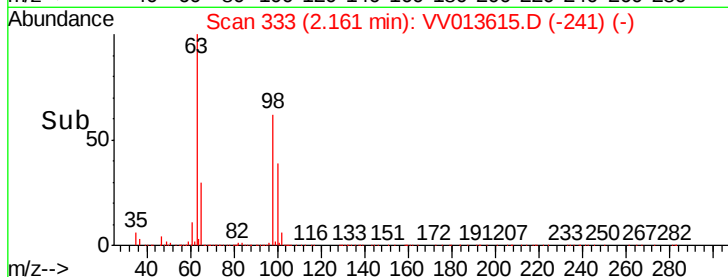
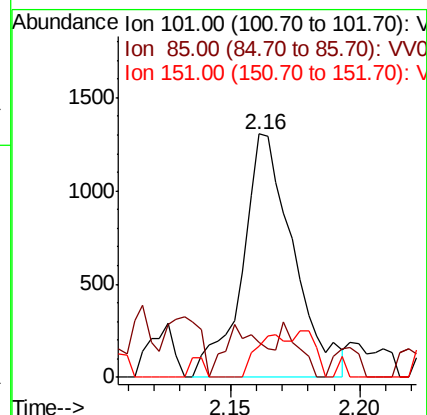
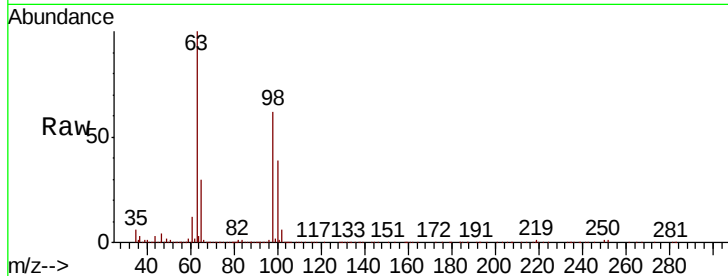
Tot Ion:101 Resp: 1811

Ion Ratio Lower Upper

101 100

85 8.0 33.1 49.7#

151 10.0 69.5 104.3#



#16

Methylene chloride

Concen: 0.134 ug/L

RT: 2.58 min Scan# 462

Delta R.T. 0.01 min

Lab File: VV013615.D

Acq: 14 Nov 2019 10:17

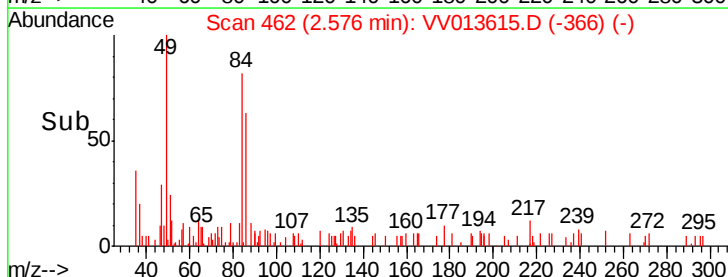
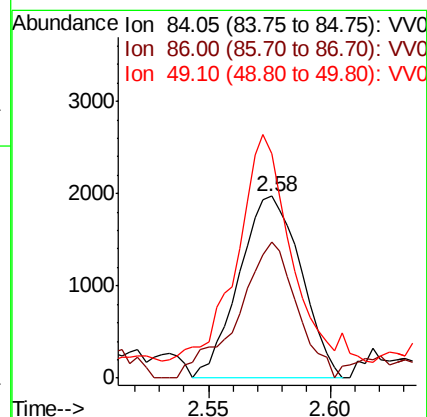
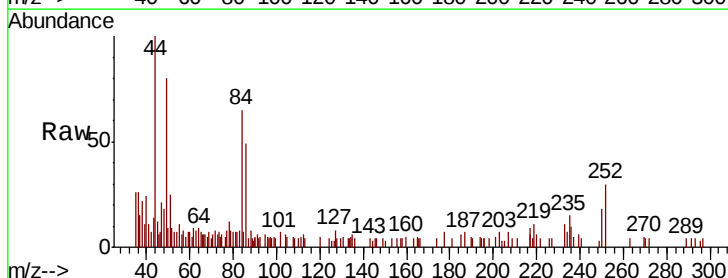
Tgt Ion: 84 Resp: 3472

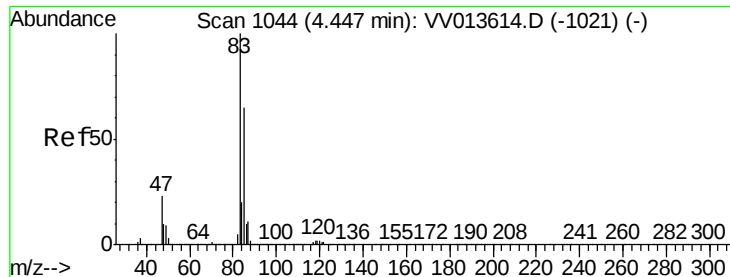
Ion Ratio Lower Upper

84 100

86 75.2 45.1 83.9

49 123.2 81.4 151.2





#25

Chloroform

Concen: 0.341 ug/L

RT: 4.46 min Scan# 1047

Delta R.T. 0.01 min

Lab File: VV013615.D

Acq: 14 Nov 2019 10:17

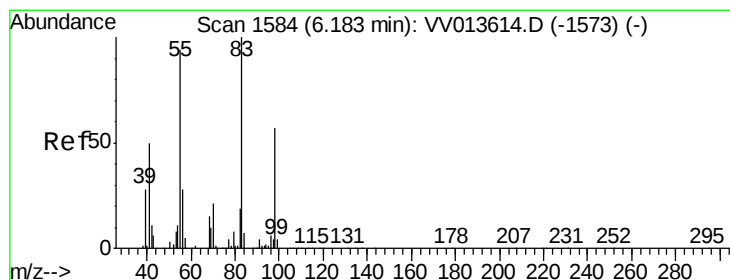
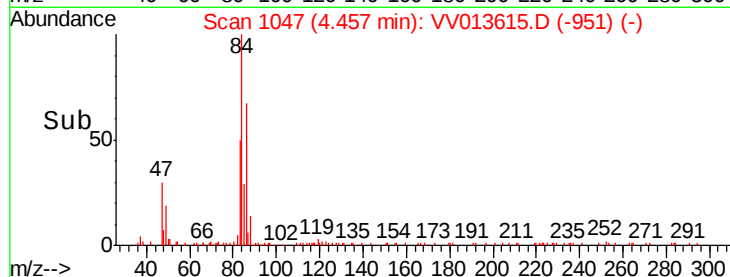
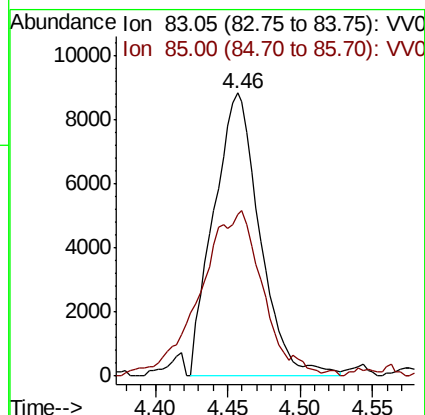
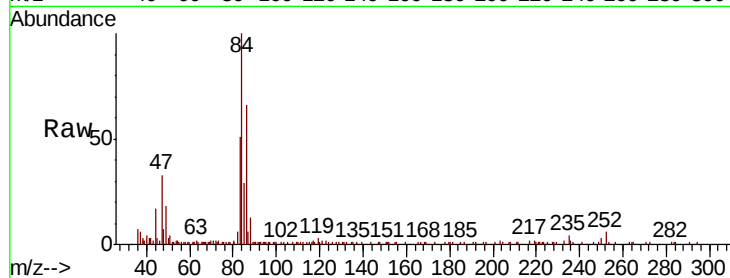
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 19524

Ion Ratio Lower Upper

83 100

85 57.0 45.5 84.5



#35

Methylcyclohexane

Concen: 0.825 ug/L

RT: 6.14 min Scan# 1569

Delta R.T. -0.05 min

Lab File: VV013615.D

Acq: 14 Nov 2019 10:17

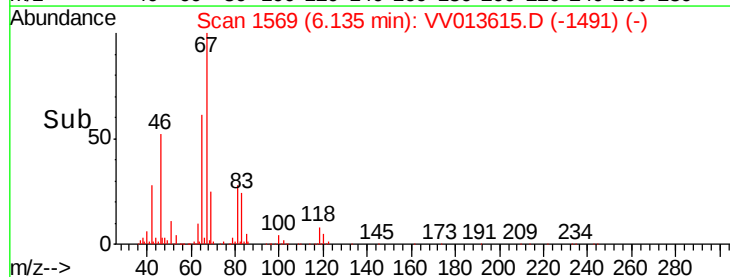
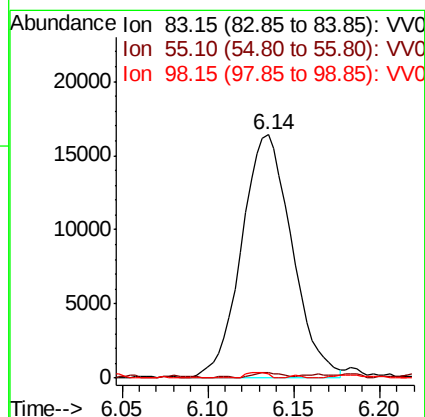
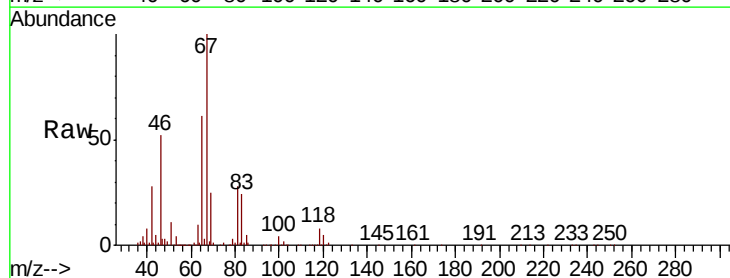
Tgt Ion: 83 Resp: 33449

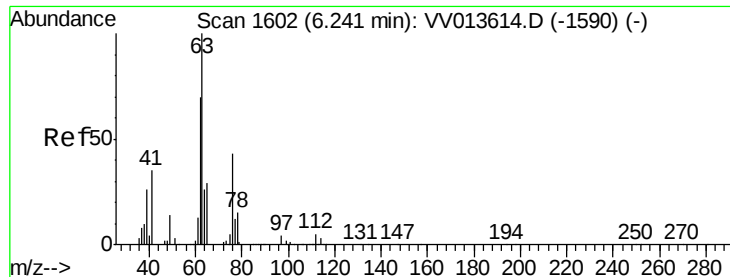
Ion Ratio Lower Upper

83 100

55 1.4 67.0 100.4#

98 0.9 38.5 57.7#





#37

1,2-Dichloropropane

Concen: 0.590 ug/L

RT: 6.13 min Scan# 1568

Delta R.T. -0.11 min

Lab File: VV013615.D

Acq: 14 Nov 2019 10:17

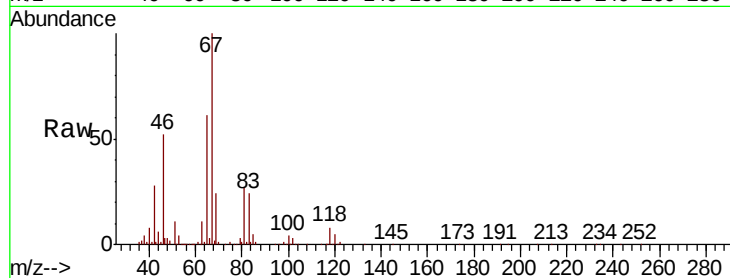
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 15152

Ion Ratio Lower Upper

63 100

112 0.8 0.2 0.2#



Abundance Ion 63.10 (62.80 to 63.80): VV013615.D (-1568) (-)

Ion 112.10 (111.80 to 112.80): VV013615.D (-1568) (-)

6.13

8000

6000

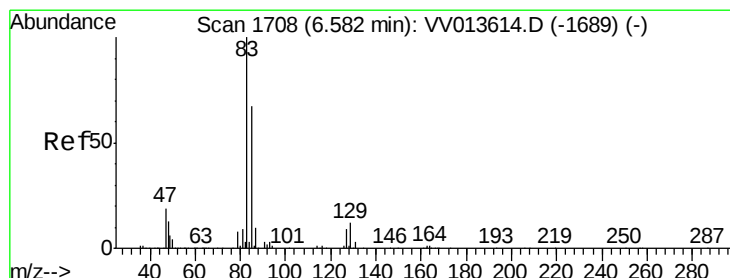
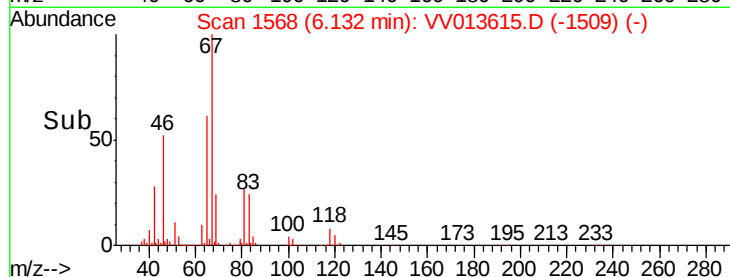
4000

2000

0

6.05 6.10 6.15 6.20

Time-->



#38

Bromodichloromethane

Concen: 0.062 ug/L

RT: 6.59 min Scan# 1709

Delta R.T. 0.00 min

Lab File: VV013615.D

Acq: 14 Nov 2019 10:17

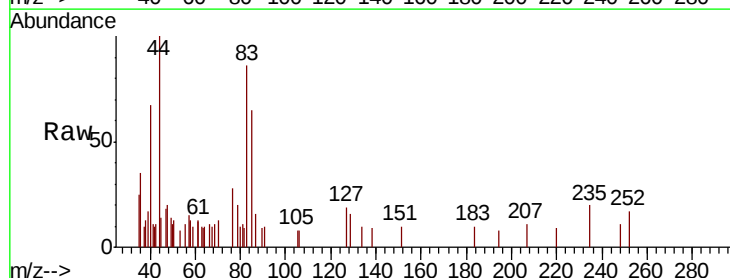
Tgt Ion: 83 Resp: 2163

Ion Ratio Lower Upper

83 100

85 75.4 45.5 84.5

127 21.7 6.8 10.2#



Abundance Ion 82.95 (82.65 to 83.65): VV013615.D (-1689) (-)

Ion 85.00 (84.70 to 85.70): VV013615.D (-1689) (-)

Ion 126.90 (126.60 to 127.60): VV013615.D (-1689) (-)

6.59

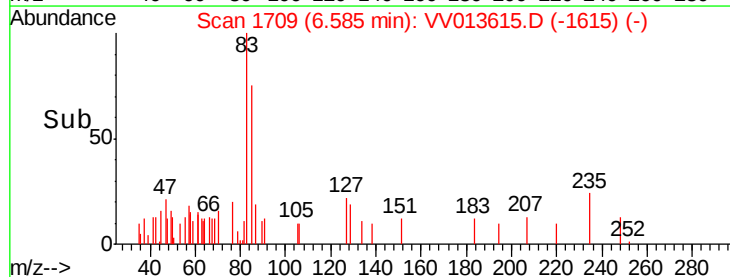
1000

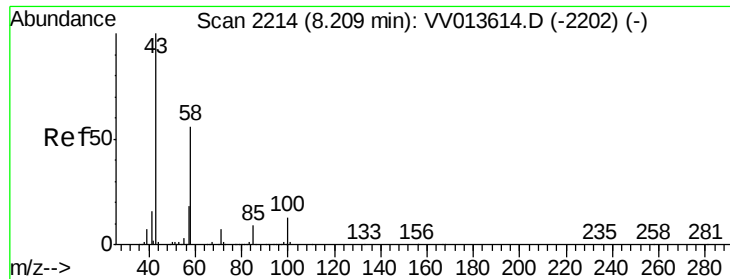
500

0

6.55 6.60

Time-->

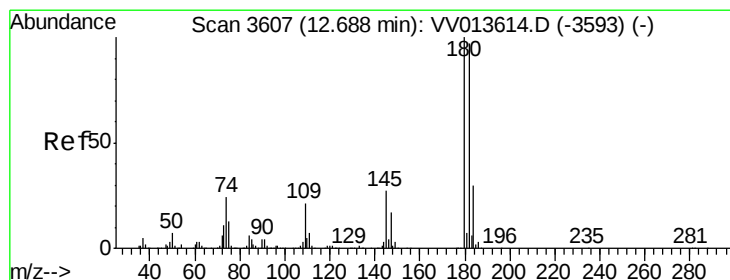
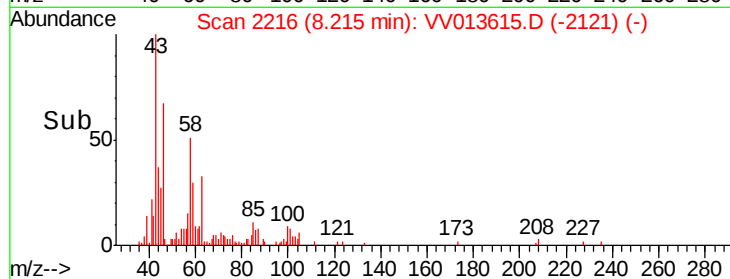
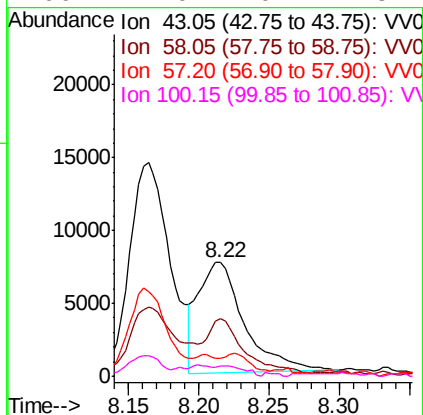
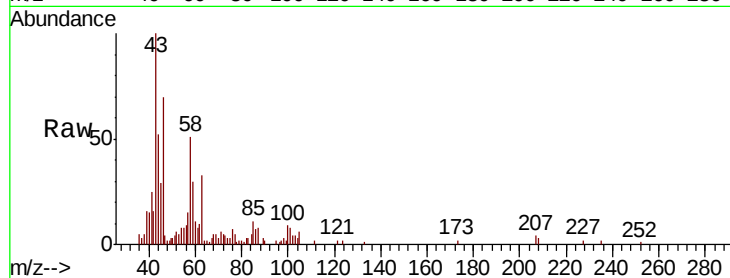




#48
2-Hexanone
Concen: 1.705 ug/L
RT: 8.22 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VV013615.D
Acq: 14 Nov 2019 10:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 17221
Ion Ratio Lower Upper
43 100
58 45.3 45.1 67.7
57 8.0 14.6 21.8#
100 1.0 10.2 15.2#



#67
1,3,5-Trichlorobenzene
Concen: 0.053 ug/L
RT: 12.68 min Scan# 3605
Delta R.T. -0.01 min
Lab File: VV013615.D
Acq: 14 Nov 2019 10:17

Tgt Ion: 180 Resp: 1824
Ion Ratio Lower Upper
180 100
182 99.1 76.7 115.1
184 30.0 24.8 37.2
145 28.9 21.5 32.3

