

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013778.D
 Acq On : 26 Nov 2019 11:17
 Operator : SY/MD
 Sample : VV1126WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 01:20:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 01:18:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	350910	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	355906	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	158665	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95854	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	89128	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.13	63	130895	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.96	46	226730	50.22	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.44%
24) Chloroform-d	4.40	84	205821	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.08	65	105944	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.09	84	406399	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.11	67	127612	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.36	98	338948	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	7.66	79	44244	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.14	63	178264	45.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93017	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	145453	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

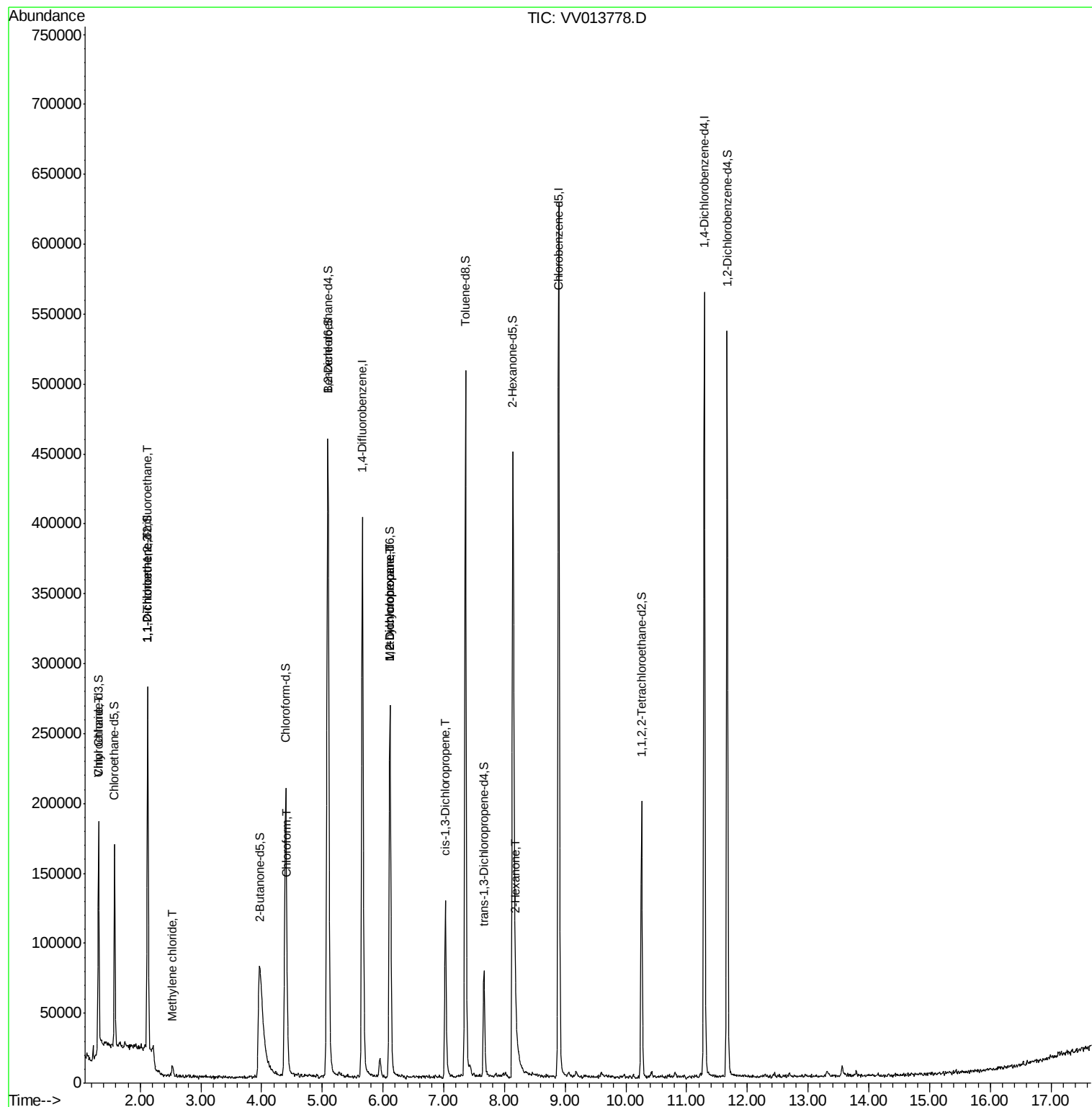
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.32	64	2961	0.234	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1363	0.070	ug/L #	29
12) 1,1-Dichloroethene	2.13	96	1616	0.096	ug/L #	1
16) Methylene chloride	2.53	84	3076	0.133	ug/L	94
25) Chloroform	4.42	83	8485	0.210	ug/L	98
35) Methylcyclohexane	6.11	83	32930	1.025	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	14974	0.667	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	3105	0.098	ug/L	89
48) 2-Hexanone	8.19	43	5115	0.547	ug/L #	62

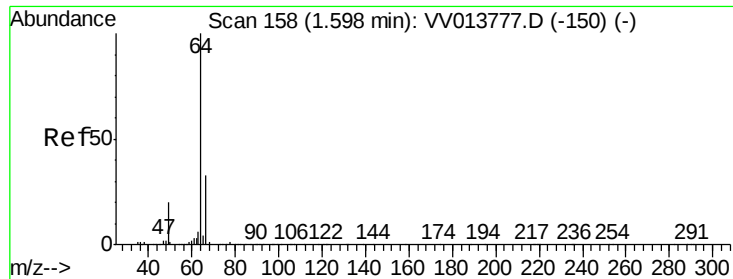
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:04 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.234 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV013778.D

Acq: 26 Nov 2019 11:17

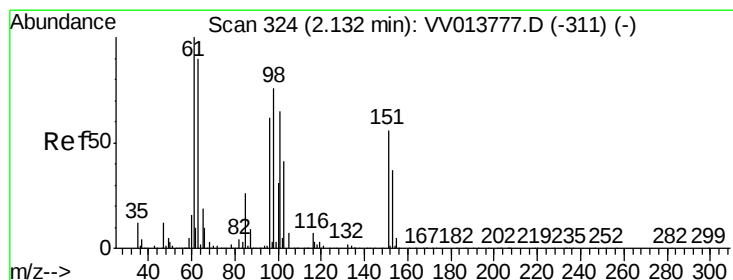
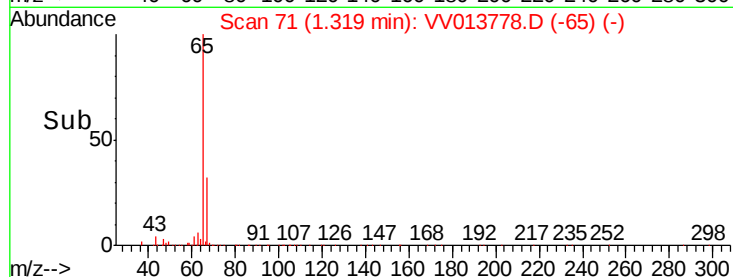
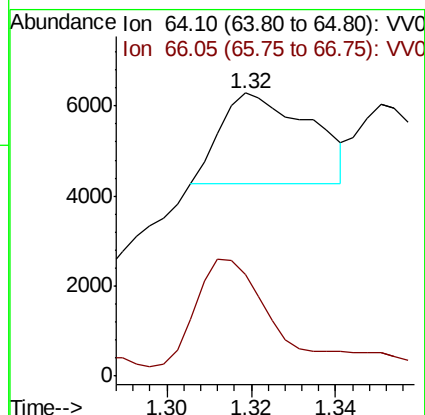
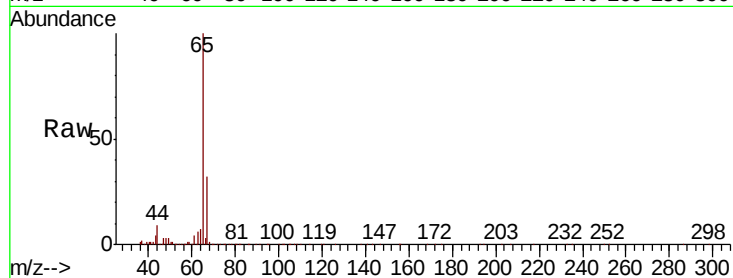
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 2961

Ion Ratio Lower Upper

64 100

66 35.8 22.6 42.0



#10

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

Concen: 0.070 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013778.D

Acq: 26 Nov 2019 11:17

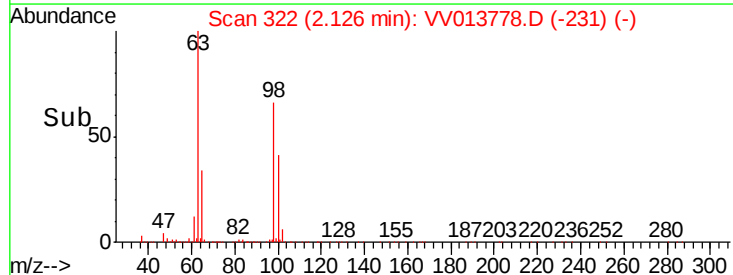
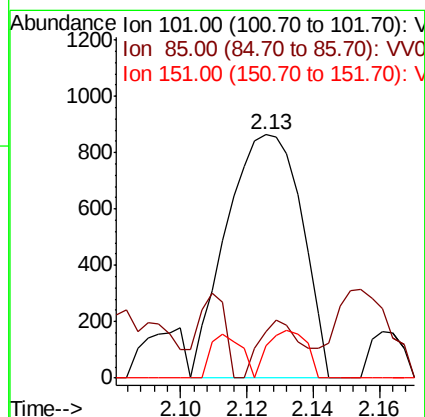
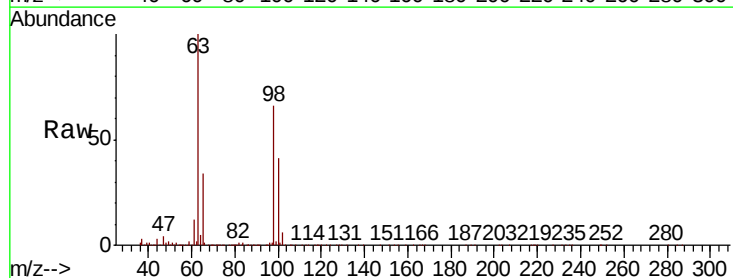
Tgt Ion:101 Resp: 1363

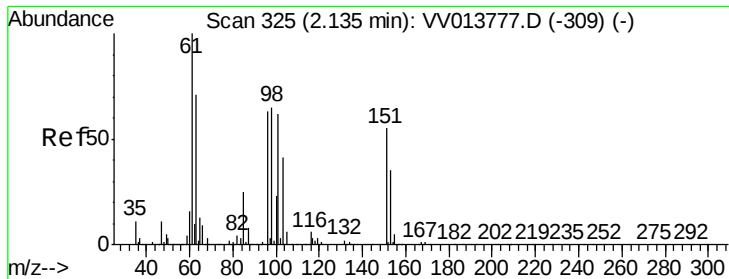
Ion Ratio Lower Upper

101 100

85 12.8 33.4 50.0#

151 10.2 69.4 104.0#





#12

1,1-Dichloroethene

Concen: 0.096 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013778.D

Acq: 26 Nov 2019 11:17

Instrument :

MSVOA_V

ClientSampleId :

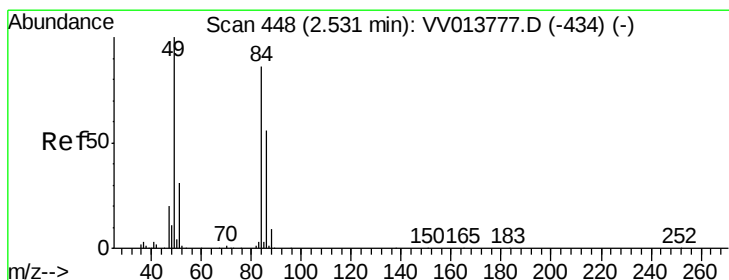
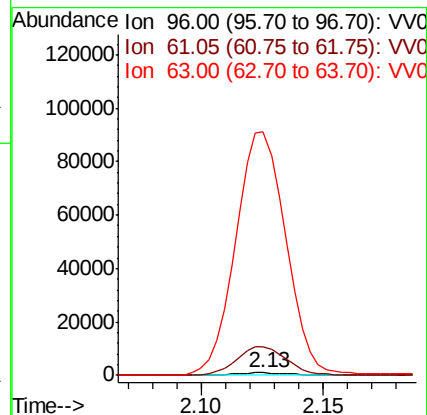
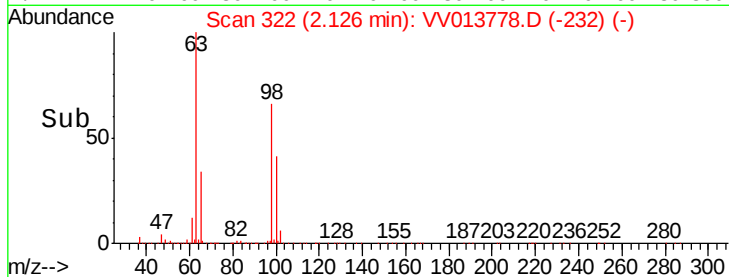
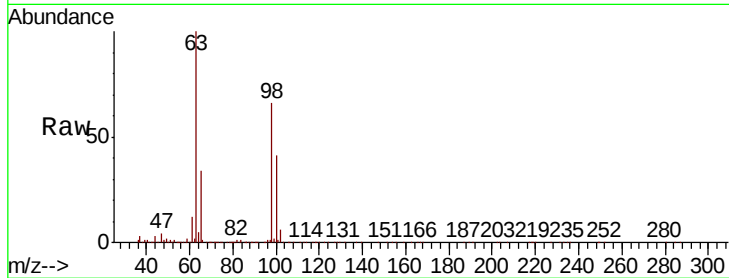
Tot Ion: 96 Resp: 1616

Ion Ratio Lower Upper

96 100

61 1156.4 116.3 215.9#

63 9864.1 96.7 179.7#



#16

Methylene chloride

Concen: 0.133 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV013778.D

Acq: 26 Nov 2019 11:17

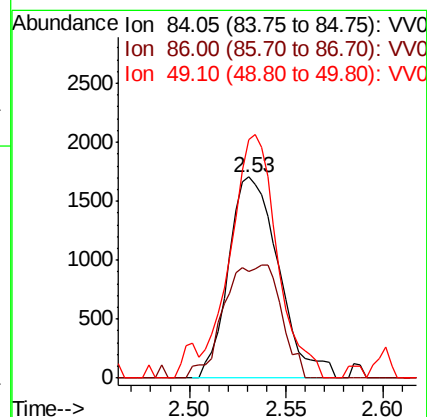
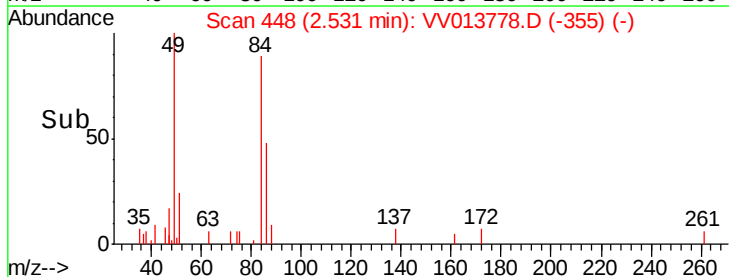
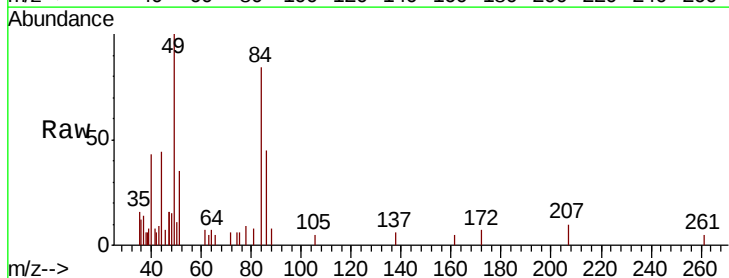
Tgt Ion: 84 Resp: 3076

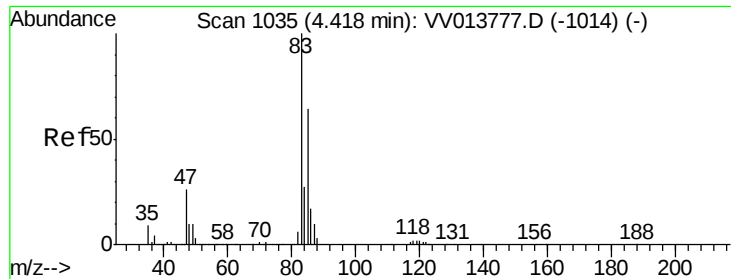
Ion Ratio Lower Upper

84 100

86 53.4 44.0 81.6

49 118.6 81.5 151.5

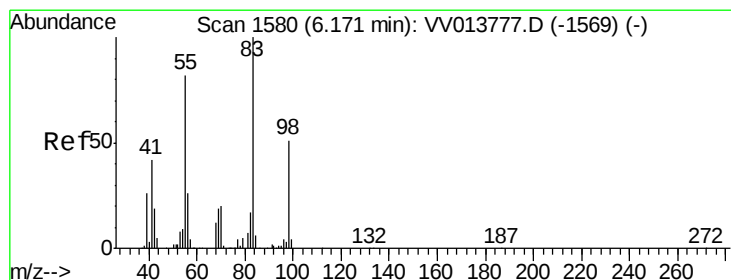
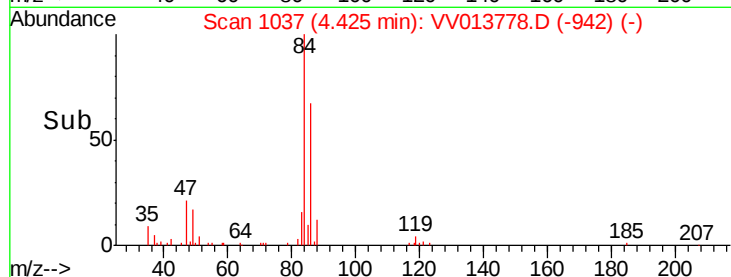
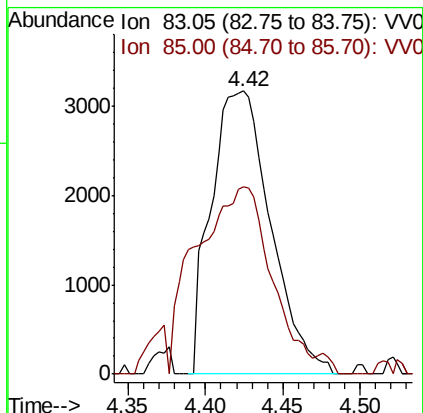
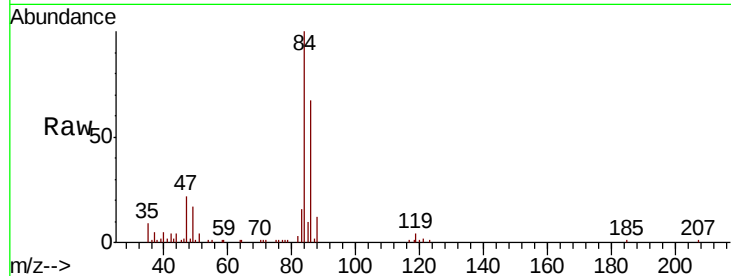




#25
Chloroform
Concen: 0.210 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV013778.D
Acq: 26 Nov 2019 11:17

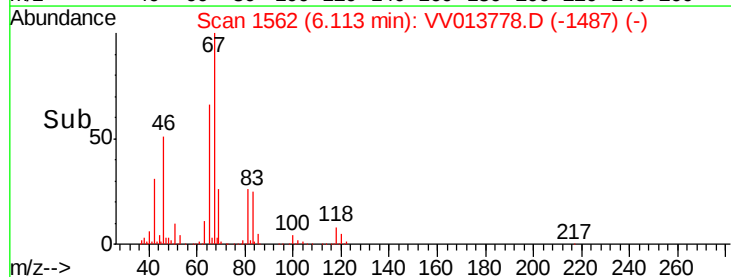
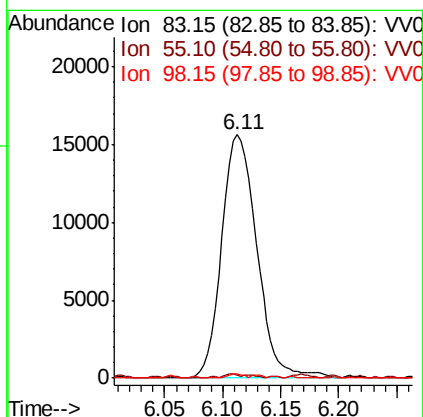
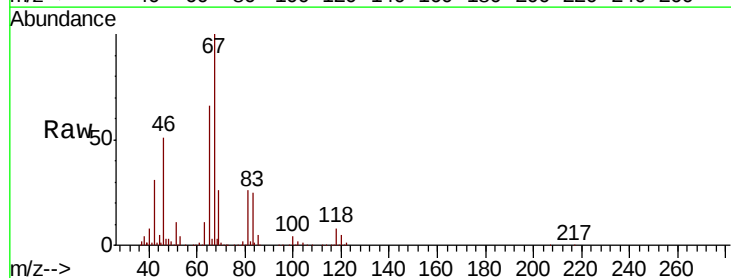
Instrument :
MSVOA_V
ClientSampleId :

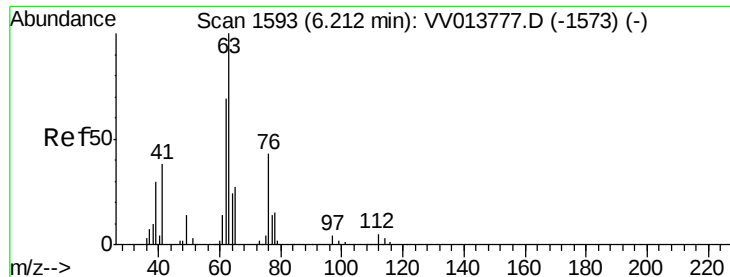
Tot Ion: 83 Resp: 8485
Ion Ratio Lower Upper
83 100
85 66.4 45.1 83.7



#35
Methylcyclohexane
Concen: 1.025 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013778.D
Acq: 26 Nov 2019 11:17

Tgt Ion: 83 Resp: 32930
Ion Ratio Lower Upper
83 100
55 0.7 60.3 90.5#
98 0.7 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 0.667 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013778.D

Acq: 26 Nov 2019 11:17

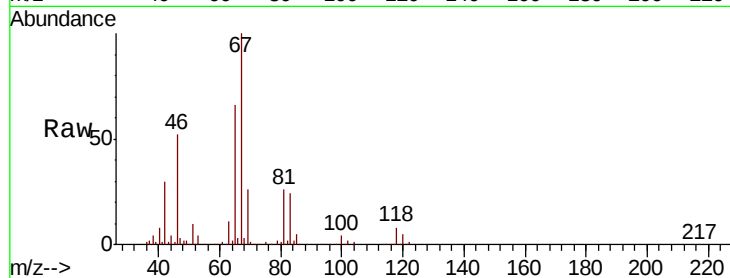
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 14974

Ion Ratio Lower Upper

63 100

112 0.7 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV013777.D (-1573) (-)

Ion 112.10 (111.80 to 112.80): VV013777.D (-1573) (-)

6.12

8000

6000

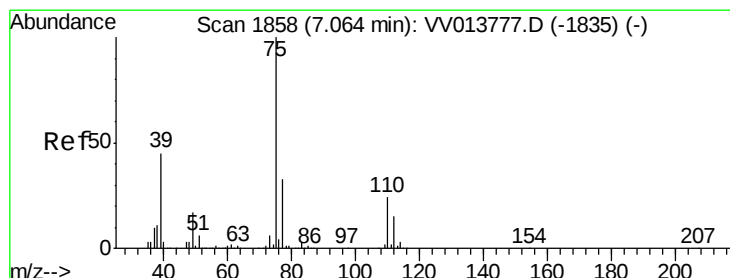
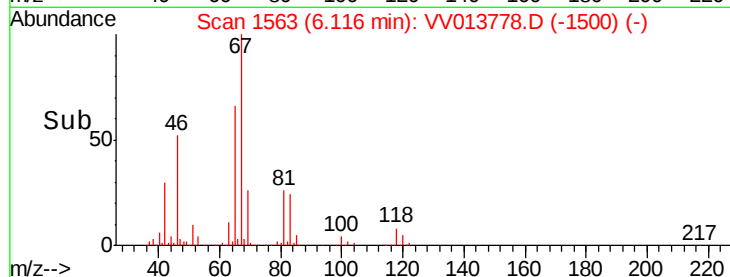
4000

2000

0

6.05 6.10 6.15 6.20

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV013778.D

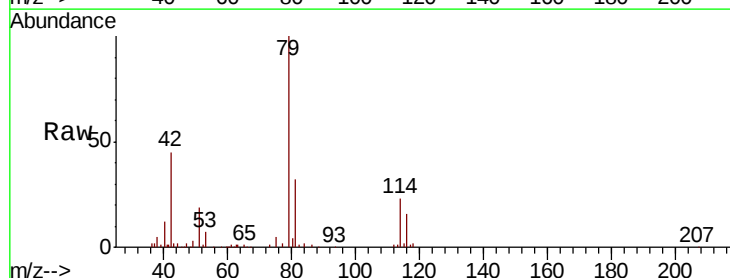
Acq: 26 Nov 2019 11:17

Tgt Ion: 75 Resp: 3105

Ion Ratio Lower Upper

75 100

77 38.3 22.5 41.9



Abundance Ion 75.05 (74.75 to 75.75): VV013777.D (-1835) (-)

Ion 77.05 (76.75 to 77.75): VV013777.D (-1835) (-)

7.03

2000

1500

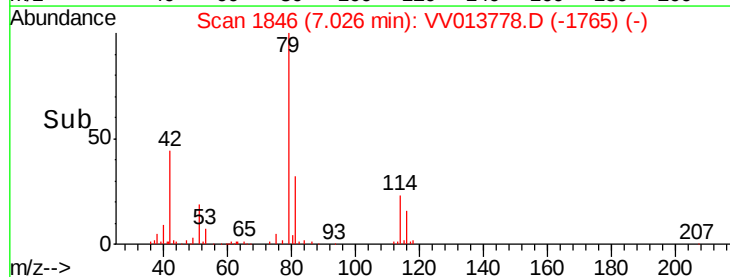
1000

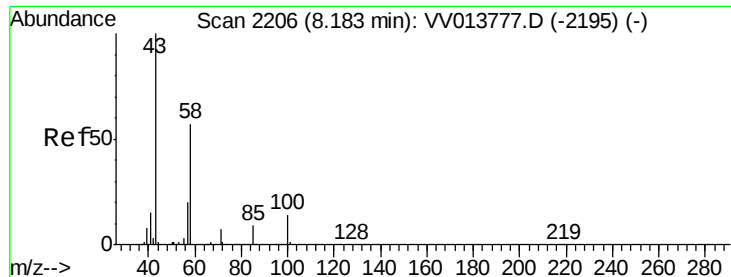
500

0

7.00 7.05

Time-->





#48

2-Hexanone

Concen: 0.547 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV013778.D

Acq: 26 Nov 2019 11:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5115

Ion Ratio Lower Upper

43 100

58 83.9 43.2 64.8#

57 0.0 15.4 23.2#

100 18.8 10.4 15.6#

