

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013801.D
 Acq On : 26 Nov 2019 21:15
 Operator : SY/MD
 Sample : K6056-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:13:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 03:09:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	330791	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	325433	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	144033	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80181	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.58	69	77284	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.13	63	112451	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.96	46	263144	61.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.66%
24) Chloroform-d	4.40	84	184663	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.08	65	102039	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.10	84	361497	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.11	67	117592	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	295318	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	7.66	79	40841	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.14	63	187180	52.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93651	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	128327	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

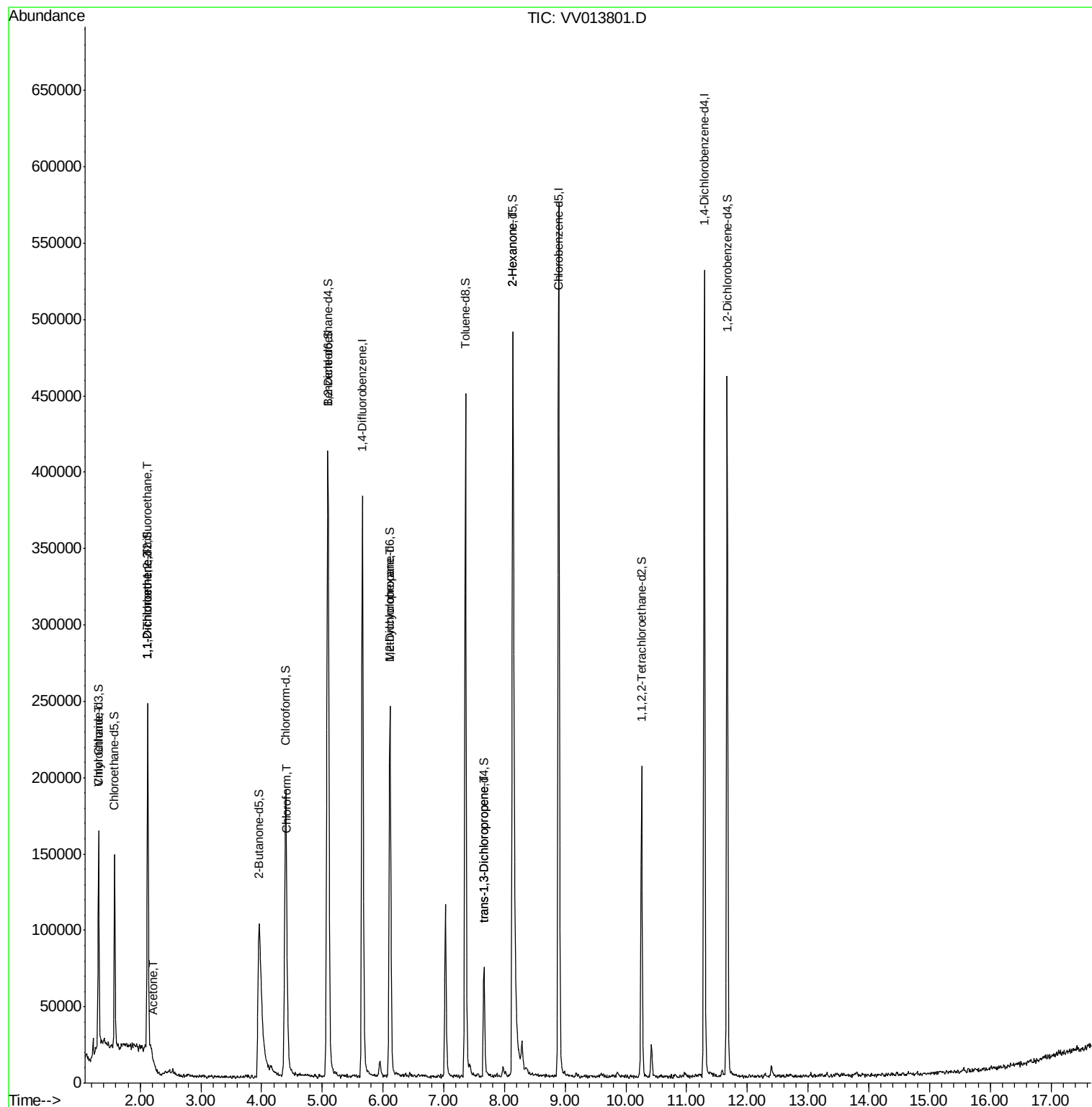
					Ovalue
8) Chloroethane	1.32	64	4388	0.368 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1563	0.086 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1528	0.096 ug/L #	1
13) Acetone	2.22	43	6542	2.198 ug/L	92
25) Chloroform	4.42	83	16073	0.423 ug/L	97
35) Methylcyclohexane	6.11	83	29461	1.003 ug/L #	20
44) trans-1,3-Dichloropropene	7.66	75	2103	0.092 ug/L	96
48) 2-Hexanone	8.14	43	23635	2.766 ug/L #	83

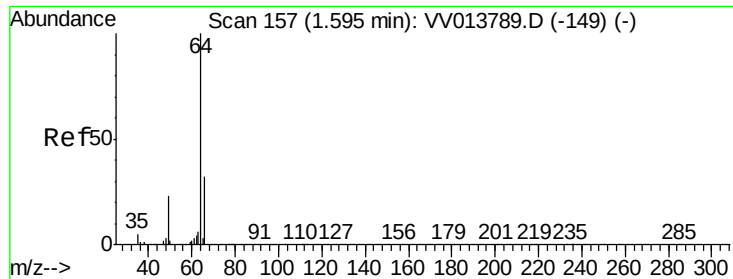
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:09:16 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.368 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV013801.D

Acq: 26 Nov 2019 21:15

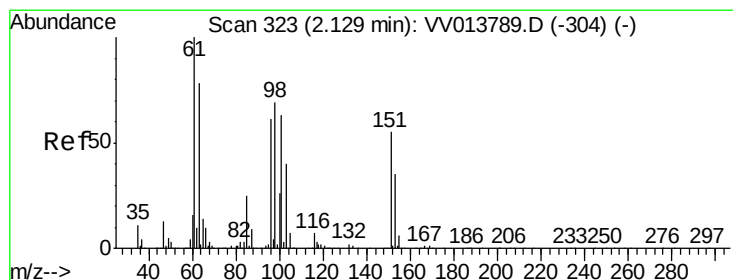
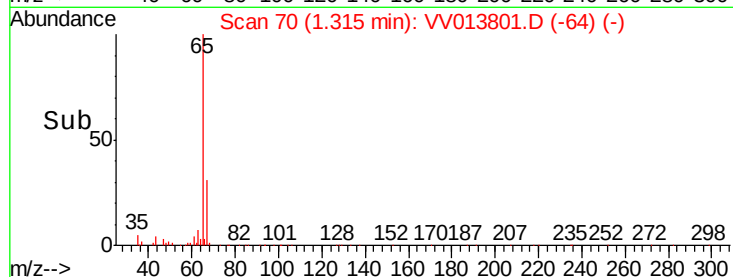
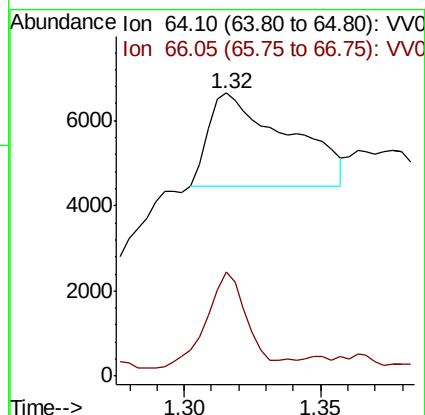
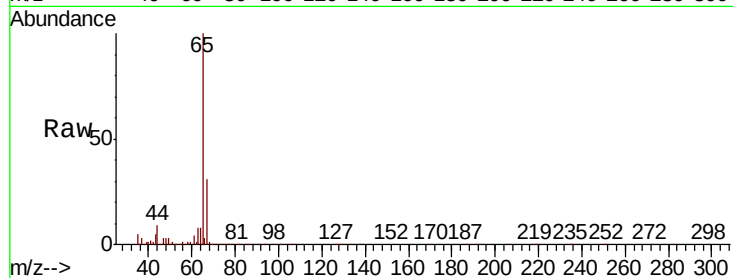
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 4388

Ion Ratio Lower Upper

64 100

66 36.7 22.6 42.0



#10

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

Concen: 0.086 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV013801.D

Acq: 26 Nov 2019 21:15

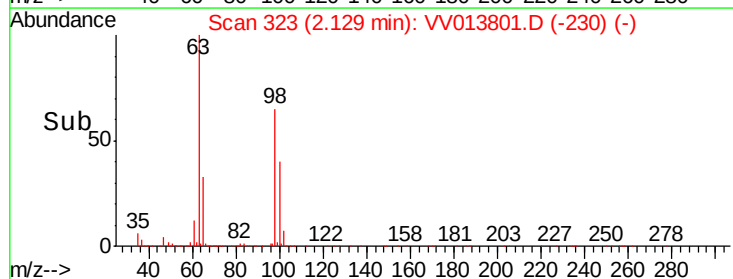
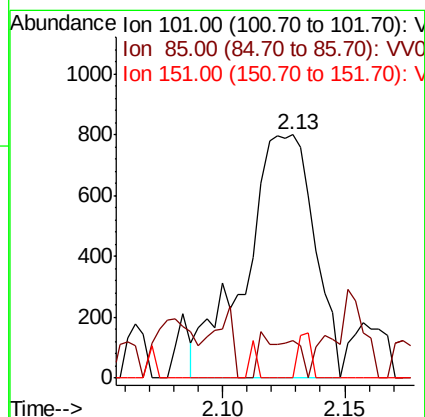
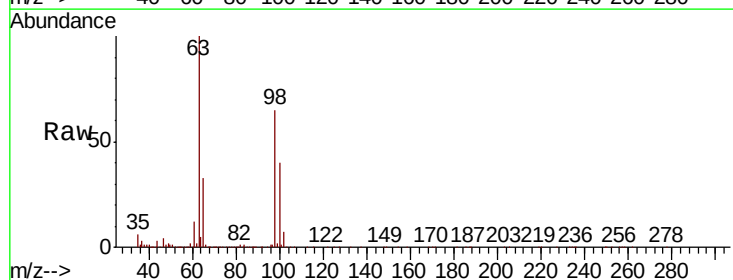
Tgt Ion: 101 Resp: 1563

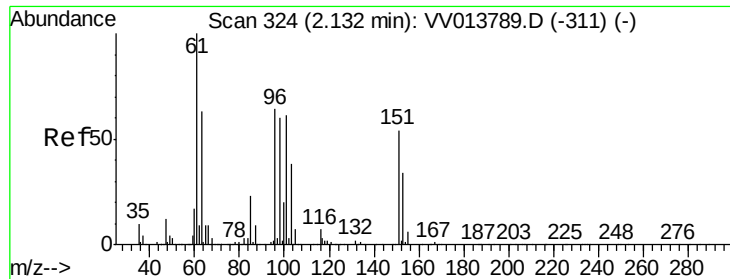
Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.0#

151 3.6 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: VV013801.D

Acq: 26 Nov 2019 21:15

Instrument :
MSVOA_V
ClientSampled :

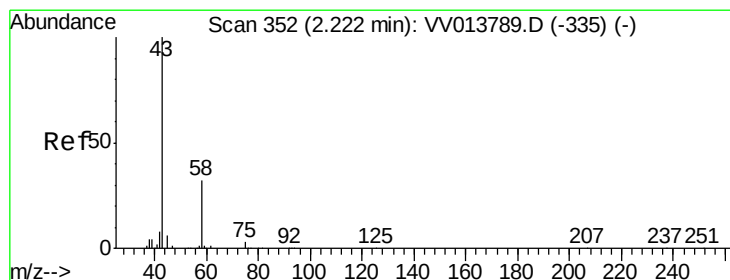
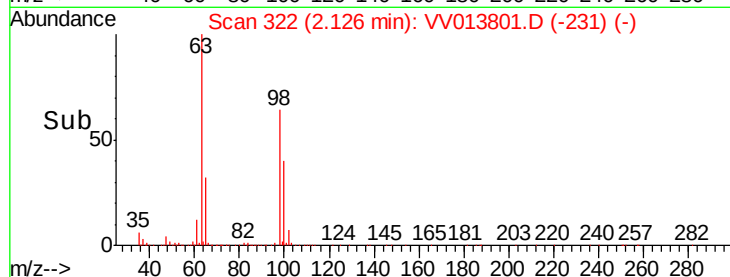
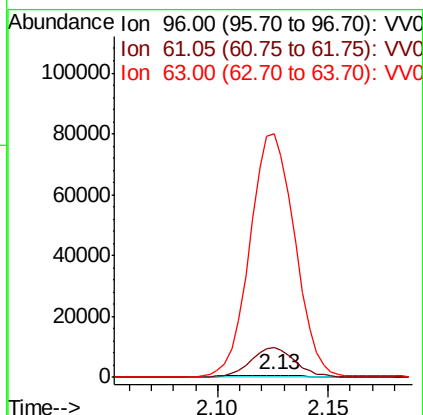
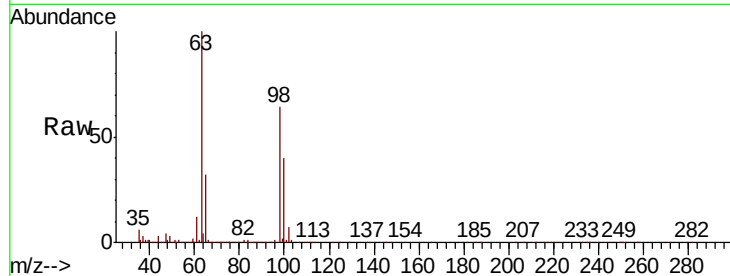
Tot Ion: 96 Resp: 1528

Ion Ratio Lower Upper

96 100

61 1518.3 116.3 215.9#

63 12478.0 96.7 179.7#



#13

Acetone

Concen: 2.198 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.00 min

Lab File: VV013801.D

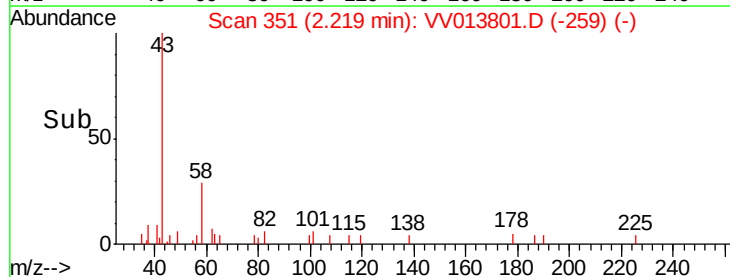
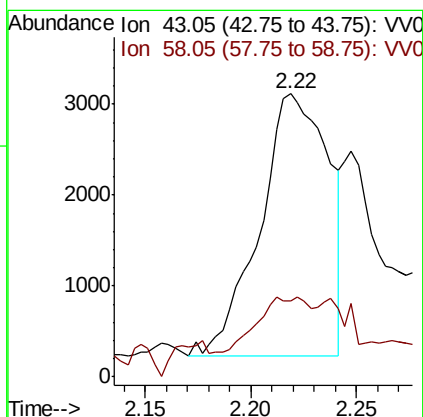
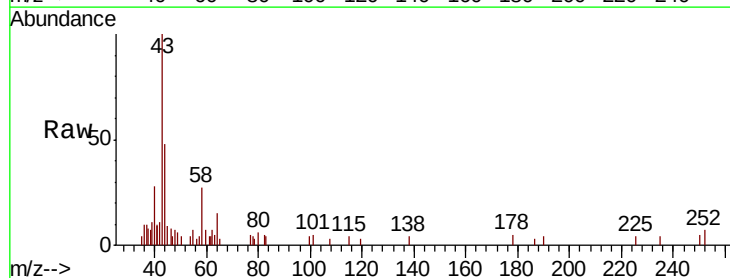
Acq: 26 Nov 2019 21:15

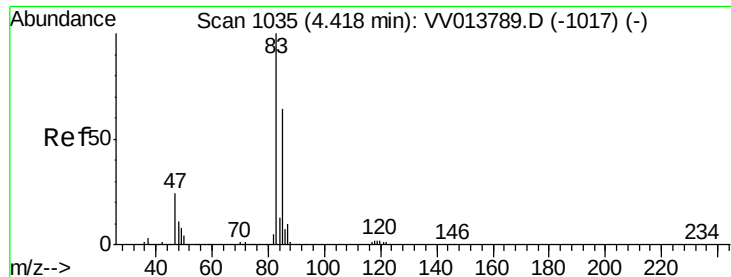
Tgt Ion: 43 Resp: 6542

Ion Ratio Lower Upper

43 100

58 10.4 0.0 27.2

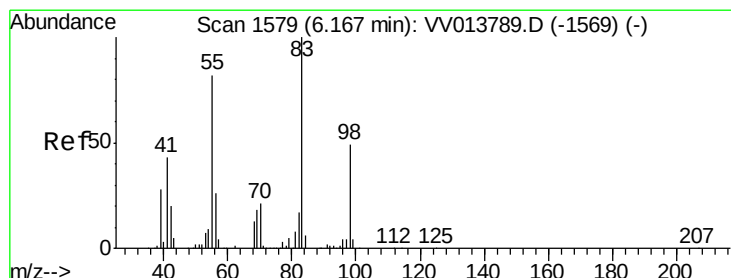
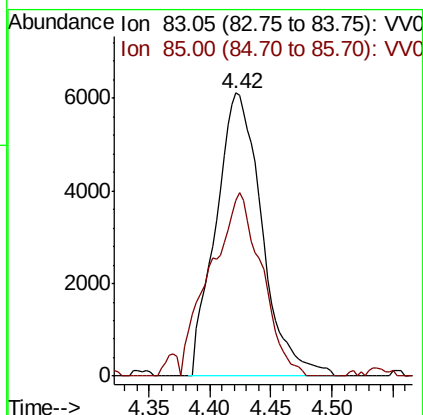
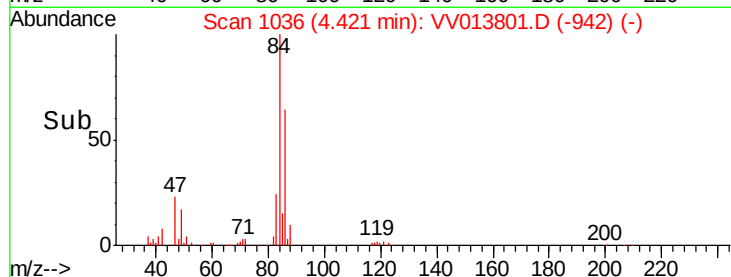
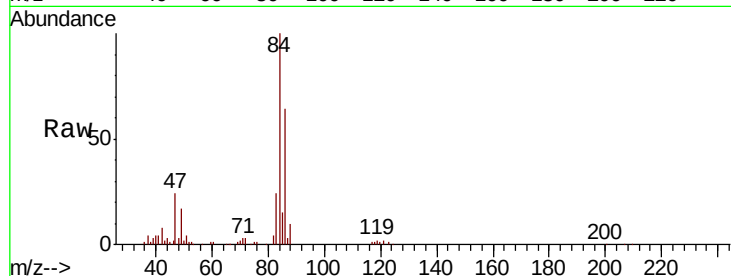




#25
Chloroform
Concen: 0.423 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013801.D
Acq: 26 Nov 2019 21:15

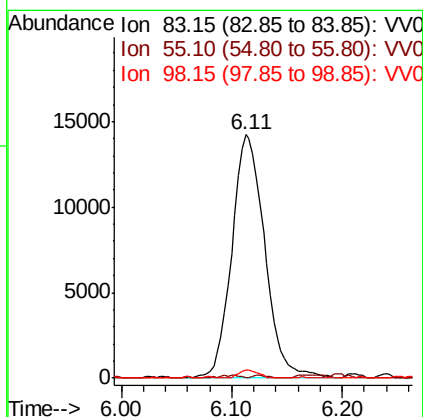
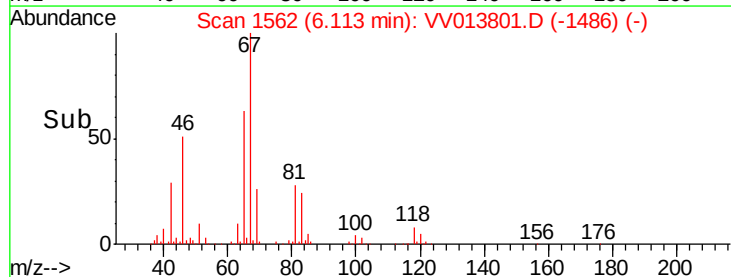
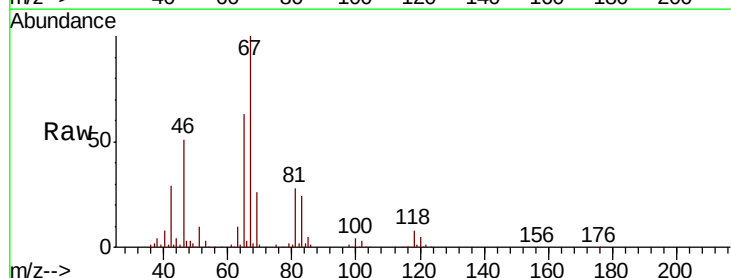
Instrument :
MSVOA_V
ClientSampleId :

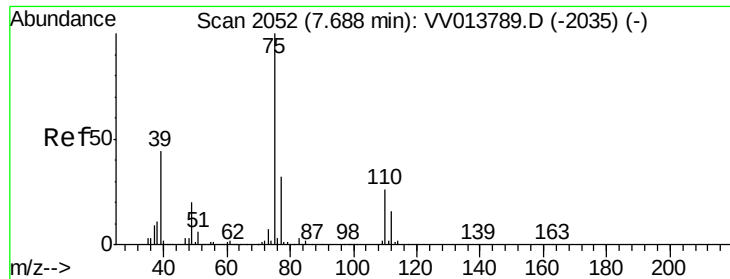
Tot Ion: 83 Resp: 16073
Ion Ratio Lower Upper
83 100
85 62.3 45.1 83.7



#35
Methylcyclohexane
Concen: 1.003 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.05 min
Lab File: VV013801.D
Acq: 26 Nov 2019 21:15

Tgt Ion: 83 Resp: 29461
Ion Ratio Lower Upper
83 100
55 0.5 60.3 90.5#
98 1.9 38.1 57.1#





#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013801.D

Acq: 26 Nov 2019 21:15

Instrument :

MSVOA_V

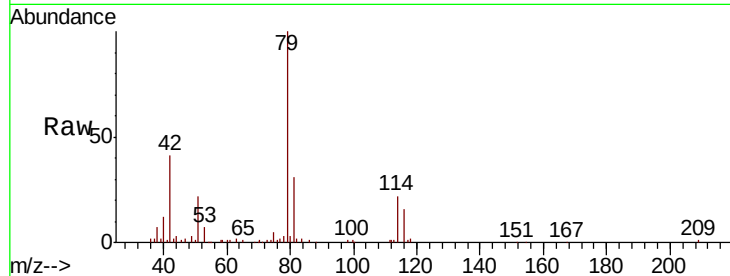
ClientSampleId :

Tot Ion: 75 Resp: 2103

Ion Ratio Lower Upper

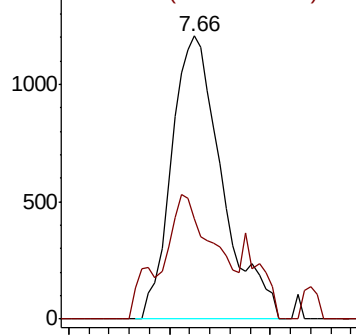
75 100

77 35.4 23.0 42.8

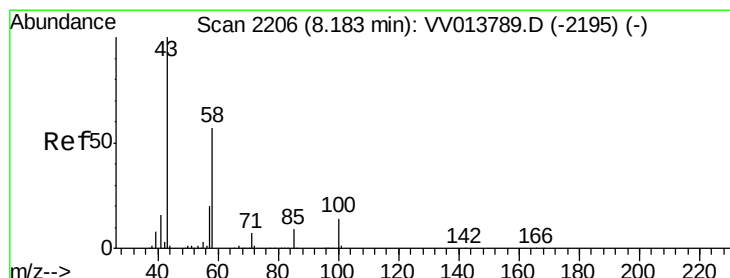
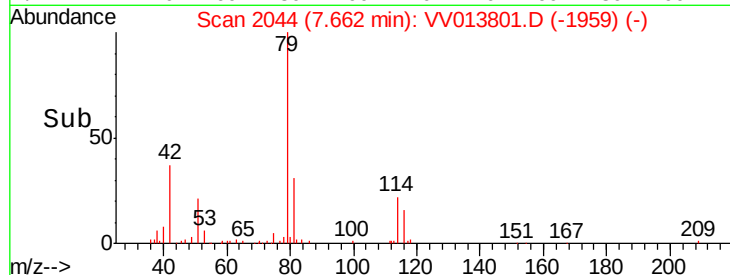


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



Time--> 7.60 7.65 7.70



#48

2-Hexanone

Concen: 2.766 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV013801.D

Acq: 26 Nov 2019 21:15

Tgt Ion: 43 Resp: 23635

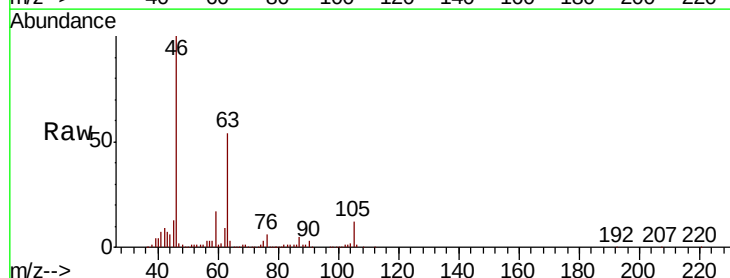
Ion Ratio Lower Upper

43 100

58 47.2 43.2 64.8

57 35.2 15.4 23.2#

100 4.0 10.4 15.6#

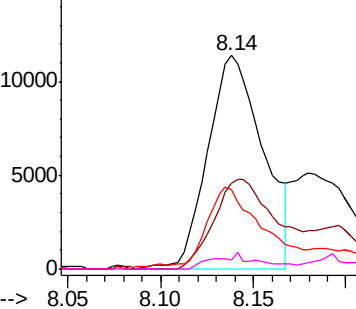


Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0



Time--> 8.05 8.10 8.15

