

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112719\
 Data File : VV013831.D
 Acq On : 27 Nov 2019 19:04
 Operator : SY/MD
 Sample : K6056-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 28 03:10:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 02:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	323229	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	330883	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	146972	5.00	ug/L	0.00

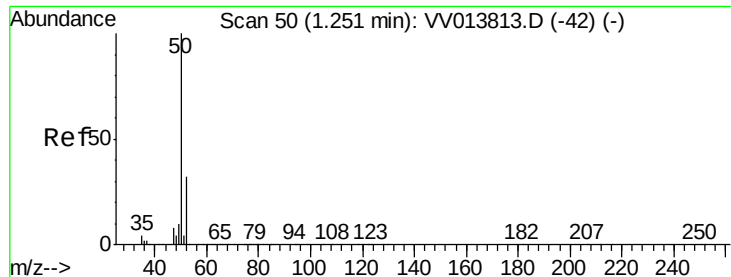
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68469	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.58	69	72694	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.13	63	98756	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	3.92	46	209152	50.29	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.58%
24) Chloroform-d	4.40	84	179955	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.08	65	89225	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.10	84	323293	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.80%
36) 1,2-Dichloropropane-d6	6.11	67	103354	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.36	98	256785	3.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.20%#
43) trans-1,3-Dichloropropene-	7.66	79	33217	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	8.13	63	149009	40.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	85847	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	122808	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Ovalue
3) Chloromethane	1.20	50	47130	2.493 ug/L #	44
8) Chloroethane	1.75	64	1717	0.148 ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1282	0.072 ug/L #	30
14) Carbon disulfide	2.32	76	1672	0.047 ug/L #	55
35) Methylcyclohexane	6.11	83	25989	0.870 ug/L #	19
44) trans-1,3-Dichloropropene	7.66	75	1382	0.060 ug/L	91
48) 2-Hexanone	8.18	43	5478	0.631 ug/L #	55

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



#3

Chloromethane

Concen: 2.493 ug/L

RT: 1.20 min Scan# 35

Delta R.T. -0.05 min

Lab File: VV013831.D

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Instrument :

MSVOA_V

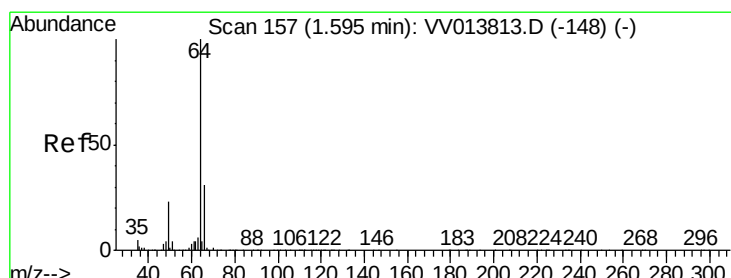
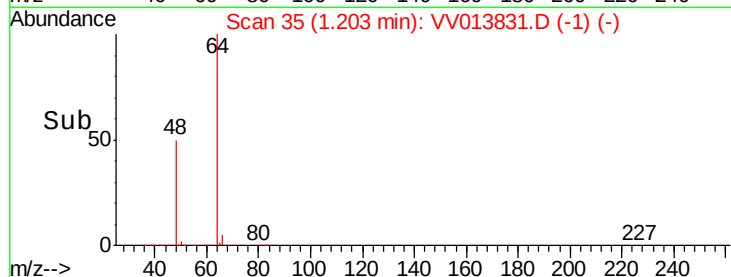
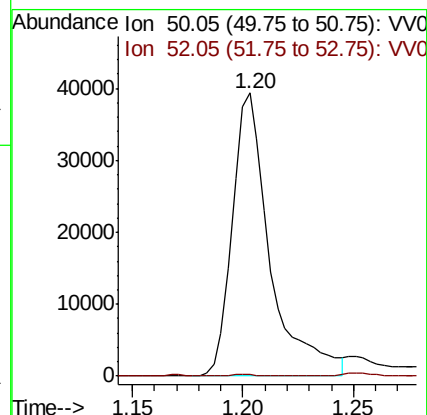
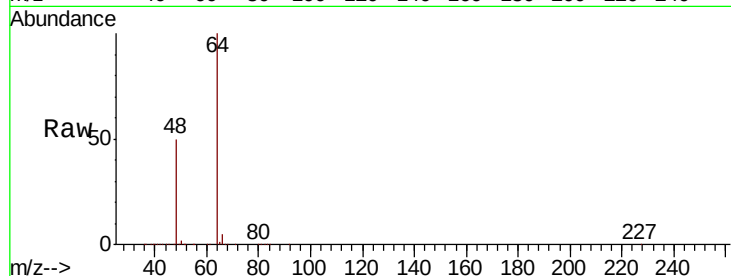
ClientSampleId :

Tot Ion: 50 Resp: 47130

Ion Ratio Lower Upper

50 100

52 0.7 22.5 41.7#



#8

Chloroethane

Concen: 0.148 ug/L

RT: 1.75 min Scan# 205

Delta R.T. 0.15 min

Lab File: VV013831.D

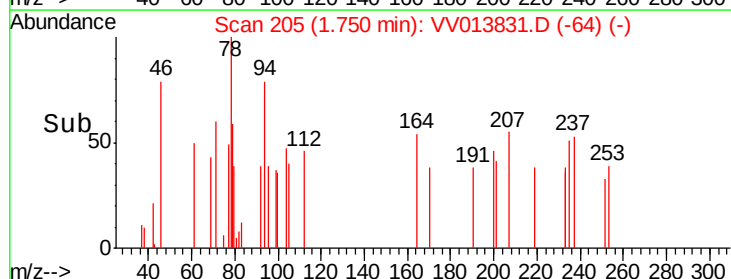
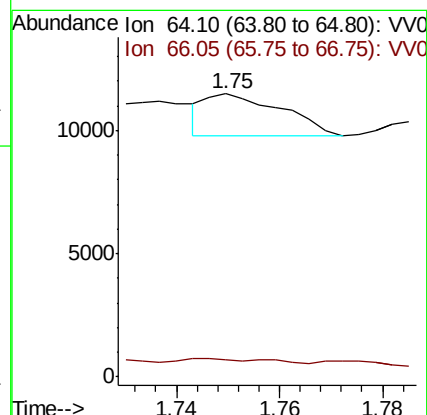
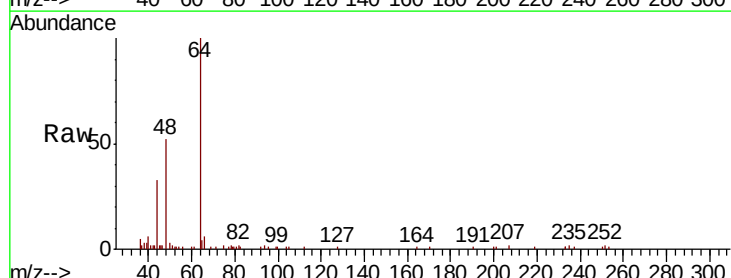
Acq: 27 Nov 2019 19:04

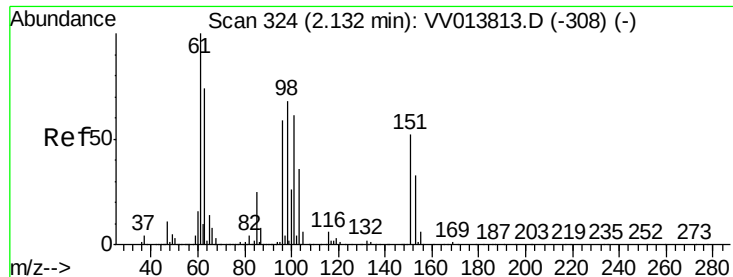
Tgt Ion: 64 Resp: 1717

Ion Ratio Lower Upper

64 100

66 6.2 22.6 42.0#





#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV013831.D

Acq: 27 Nov 2019 19:04

Instrument :

MSVOA_V

ClientSampleId :

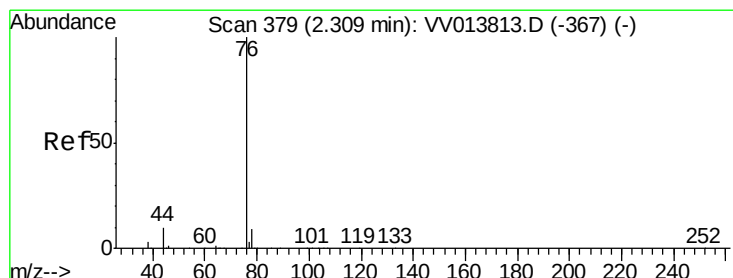
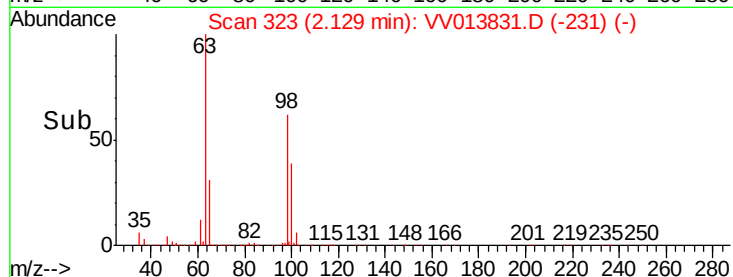
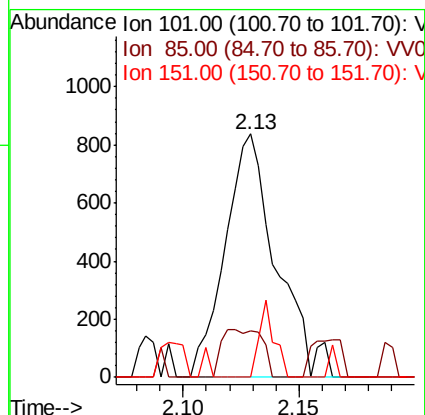
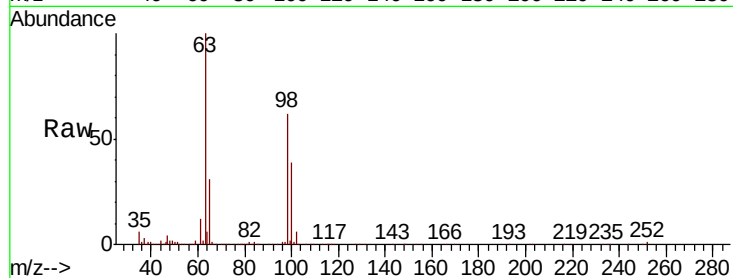
Tot Ion:101 Resp: 1282

Ion Ratio Lower Upper

101 100

85 15.4 33.4 50.0#

151 9.4 69.4 104.0#



#14

Carbon disulfide

Concen: 0.047 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VV013831.D

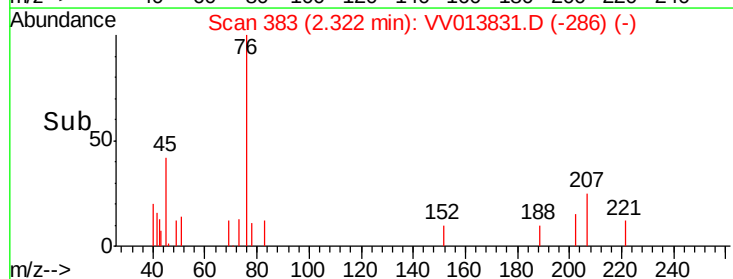
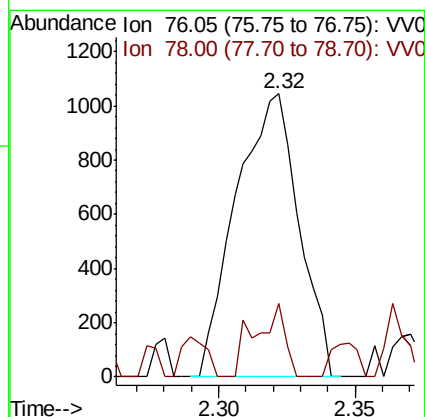
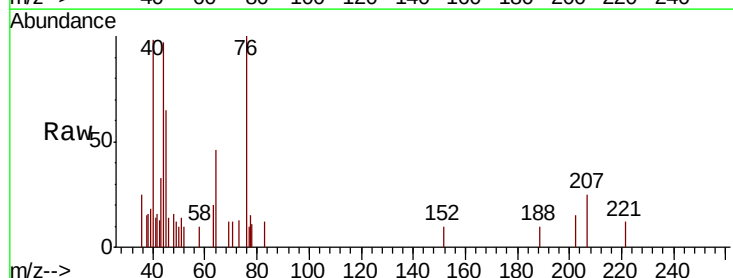
Acq: 27 Nov 2019 19:04

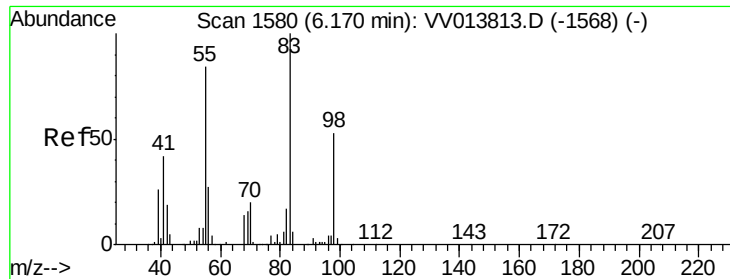
Tgt Ion: 76 Resp: 1672

Ion Ratio Lower Upper

76 100

78 25.9 7.5 11.3#

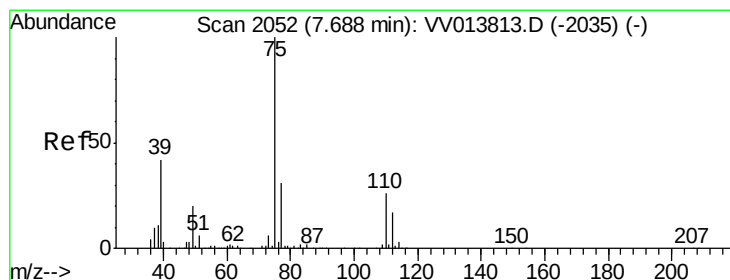
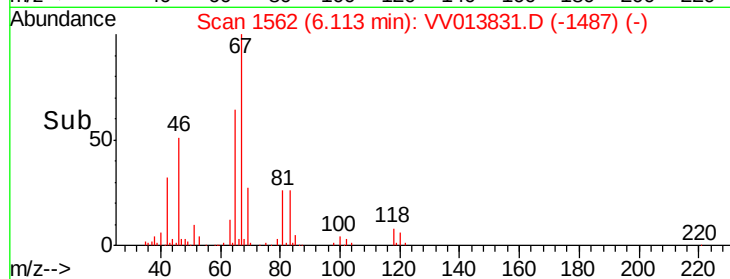
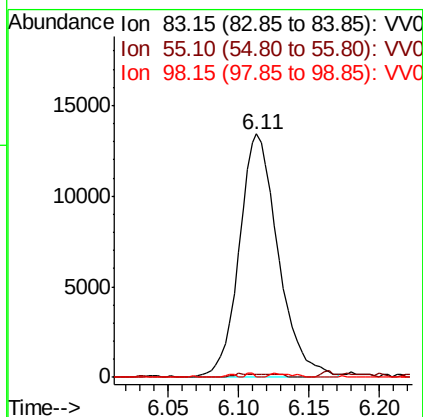
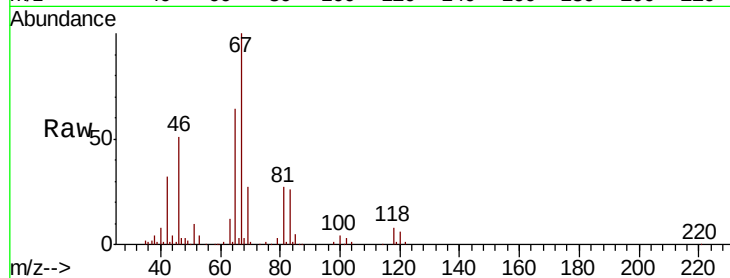




#35
Methylvlcyclohexane
Concen: 0.870 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013831.D
Acq: 27 Nov 2019 19:04

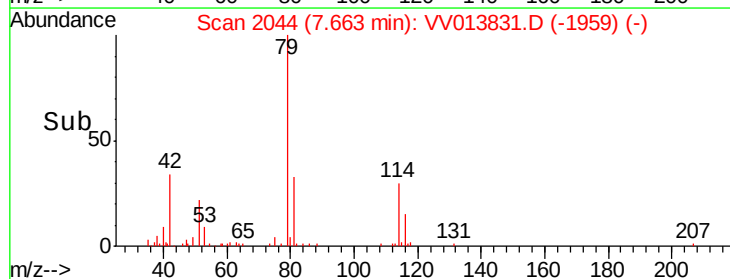
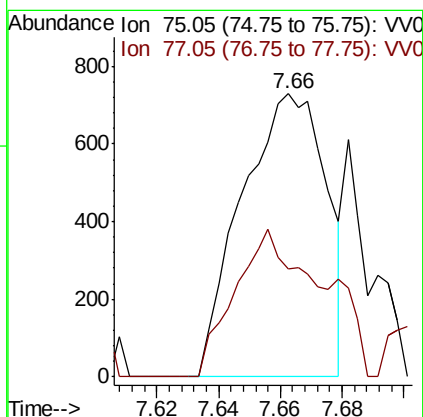
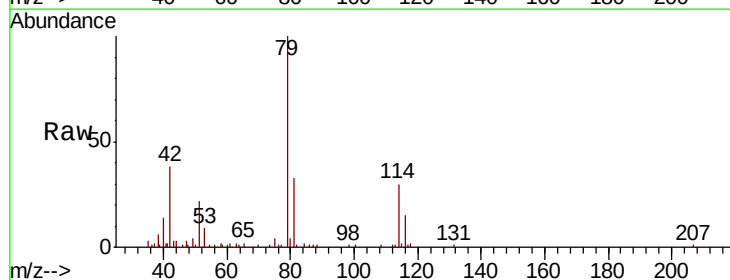
Instrument :
MSVOA_V
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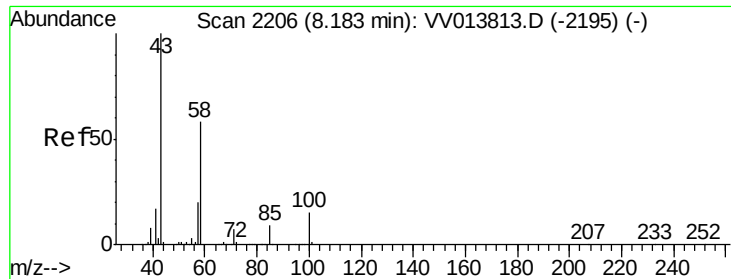
Tot Ion: 83 Resp: 25989
Ion Ratio Lower Upper
83 100
55 0.0 60.3 90.5#
98 0.3 38.1 57.1#



#44
trans-1,3-Dichloropropene
Concen: 0.060 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV013831.D
Acq: 27 Nov 2019 19:04

Tgt Ion: 75 Resp: 1382
Ion Ratio Lower Upper
75 100
77 38.0 23.0 42.8





#48

2-Hexanone

Concen: 0.631 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VV013831.D

Acq: 27 Nov 2019 19:04

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5478

Ion Ratio Lower Upper

43 100

58 6.9 43.2 64.8#

57 25.3 15.4 23.2#

100 15.9 10.4 15.6#

