

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013802.D
 Acq On : 26 Nov 2019 21:39
 Operator : SY/MD
 Sample : K6056-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:13:24 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	345313	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	351985	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	150678	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80583	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.58	69	78632	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.13	63	110104	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	3.92	46	244546	55.04	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.08%
24) Chloroform-d	4.40	84	177633	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.08	65	99371	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	353720	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
36) 1,2-Dichloropropane-d6	6.11	67	115147	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.36	98	290896	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.20%#
43) trans-1,3-Dichloropropene-	7.66	79	38424	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.13	63	171835	44.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	87683	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	127788	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

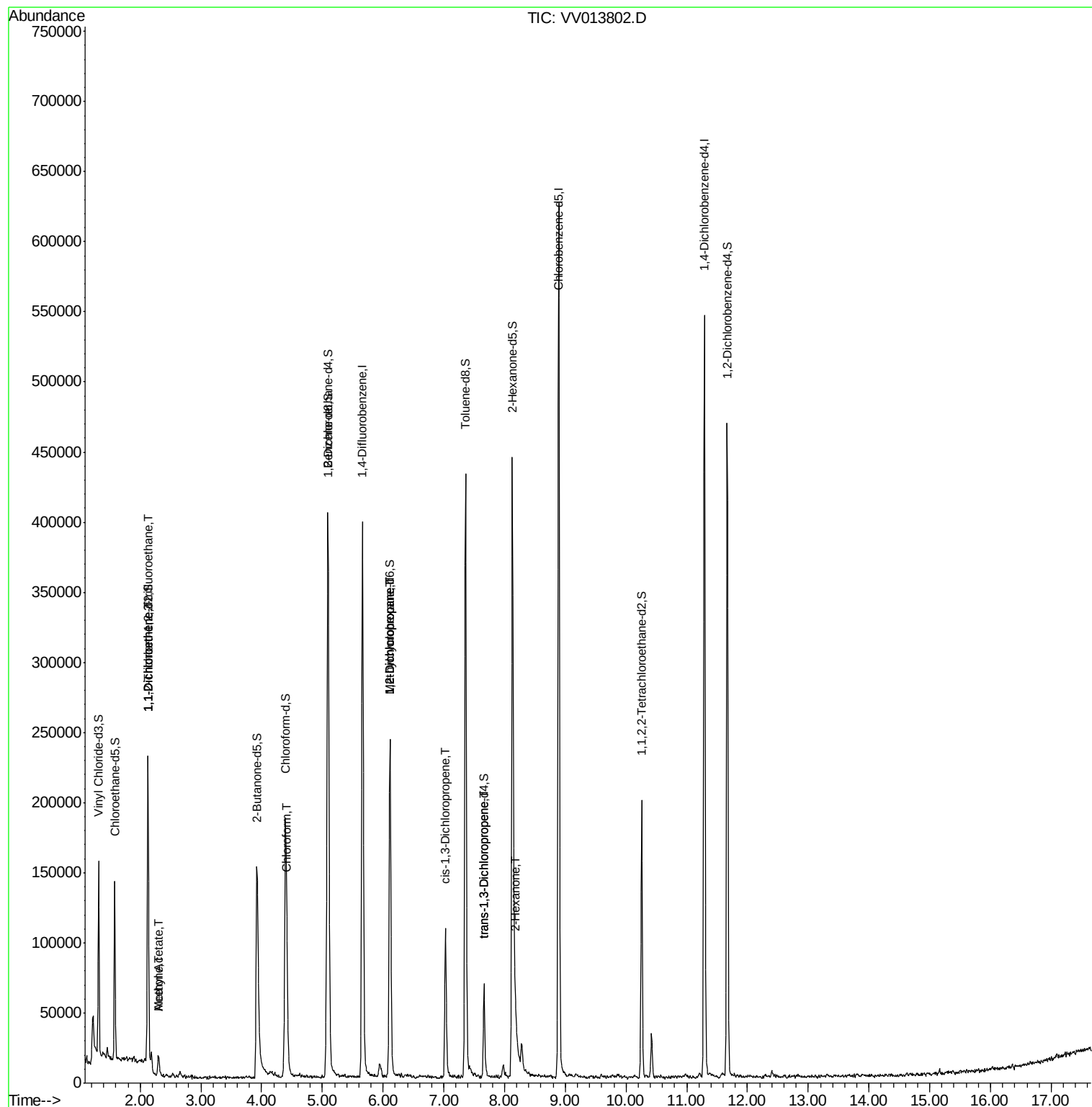
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1344	0.071	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1467	0.088	ug/L #	1
13) Acetone	2.30	43	4802	1.546	ug/L	76
15) Methyl Acetate	2.30	43	4802	0.690	ug/L #	51
25) Chloroform	4.42	83	18493	0.466	ug/L	97
35) Methylcyclohexane	6.11	83	28447	0.895	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	12682	0.571	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	3047	0.097	ug/L #	35
44) trans-1,3-Dichloropropene	7.66	75	1749	0.071	ug/L	91
48) 2-Hexanone	8.18	43	9663	1.046	ug/L #	45

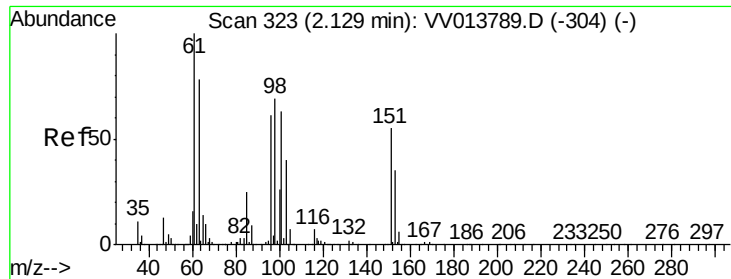
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.071 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV013802.D

Acq: 26 Nov 2019 21:39

Instrument :

MSVOA_V

ClientSampled :

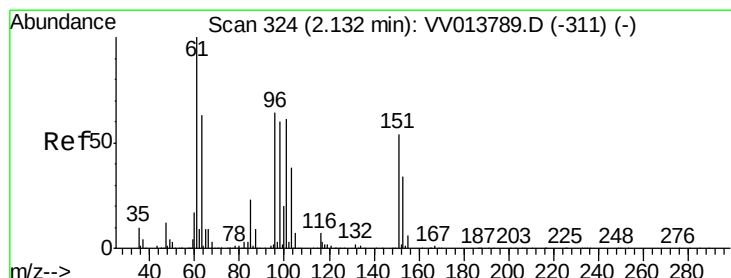
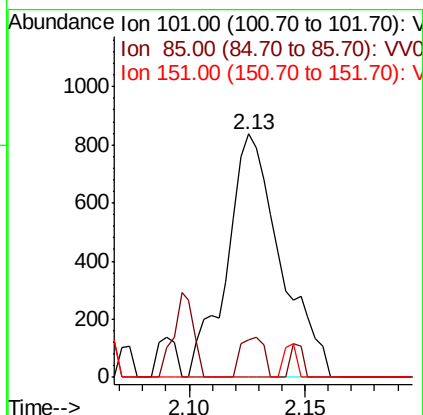
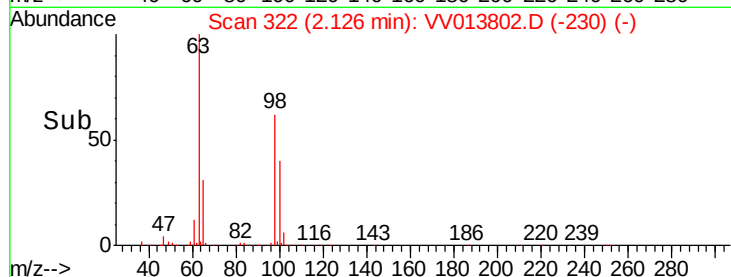
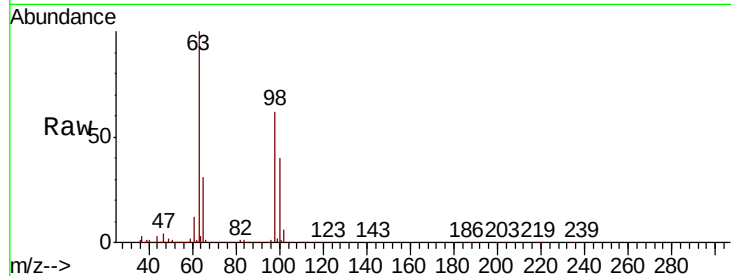
Tot Ion:101 Resp: 1344

Ion Ratio Lower Upper

101 100

85 7.1 33.4 50.0#

151 0.0 69.4 104.0#



#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV013802.D

Acq: 26 Nov 2019 21:39

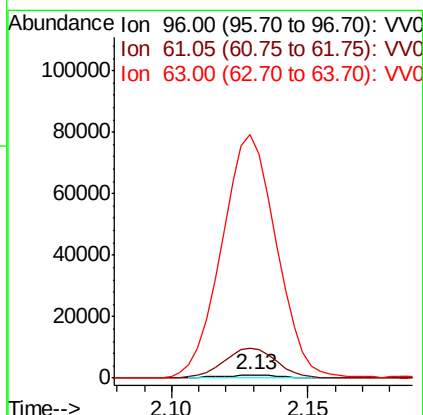
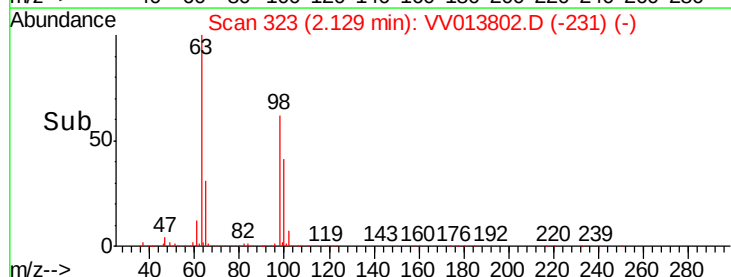
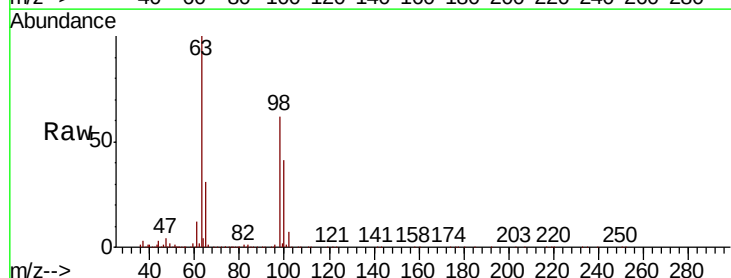
Tgt Ion: 96 Resp: 1467

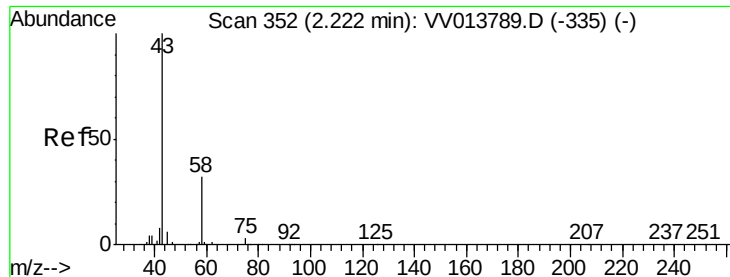
Ion Ratio Lower Upper

96 100

61 997.0 116.3 215.9#

63 8027.6 96.7 179.7#





#13

Acetone

Concen: 1.546 ug/L

RT: 2.30 min Scan# 375

Delta R.T. 0.07 min

Lab File: VV013802.D

Acq: 26 Nov 2019 21:39

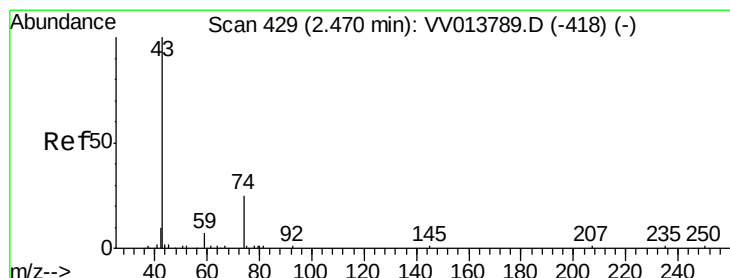
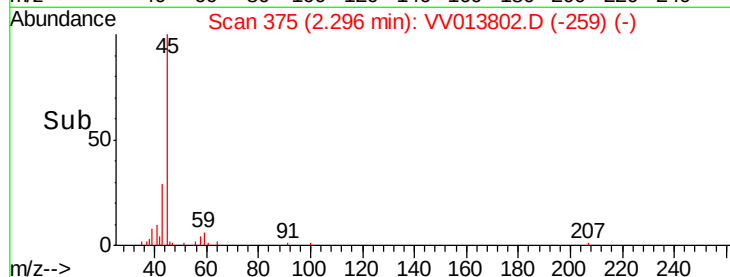
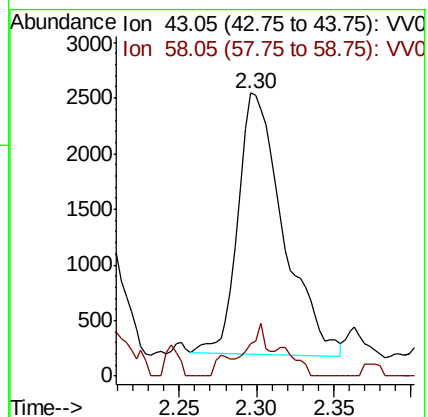
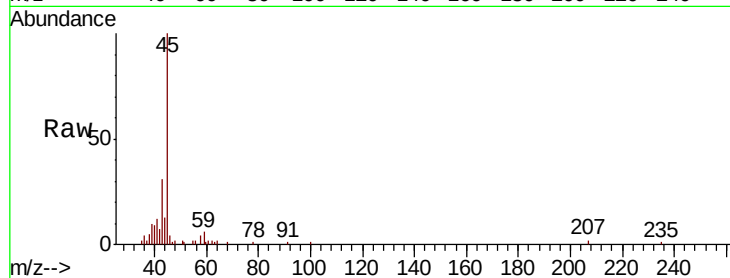
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 4802

Ion Ratio Lower Upper

43 100

58 3.8 0.0 27.2



#15

Methyl Acetate

Concen: 0.690 ug/L

RT: 2.30 min Scan# 375

Delta R.T. -0.17 min

Lab File: VV013802.D

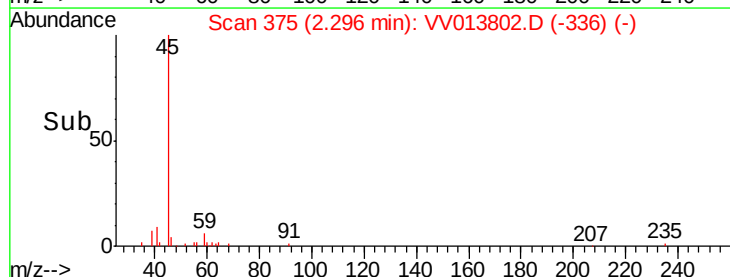
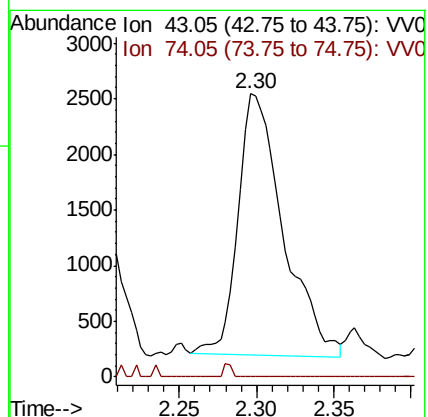
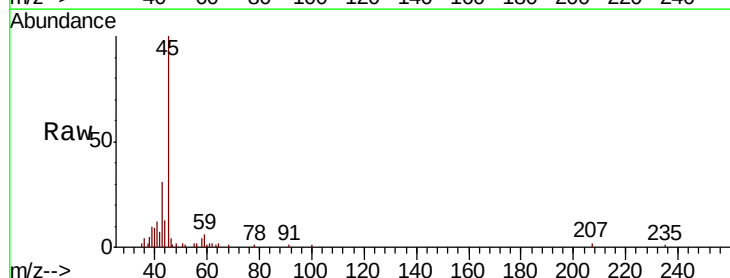
Acq: 26 Nov 2019 21:39

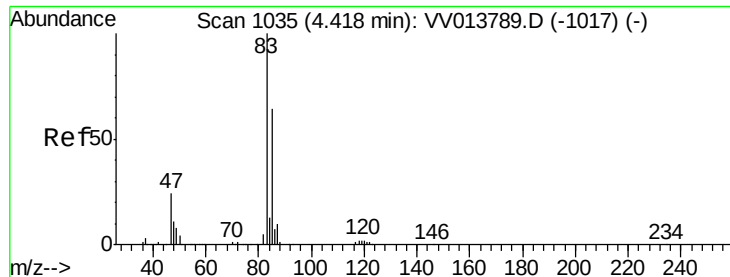
Tgt Ion: 43 Resp: 4802

Ion Ratio Lower Upper

43 100

74 1.0 20.5 30.7#





#25

Chloroform

Concen: 0.466 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV013802.D

Acq: 26 Nov 2019 21:39

Instrument :

MSVOA_V

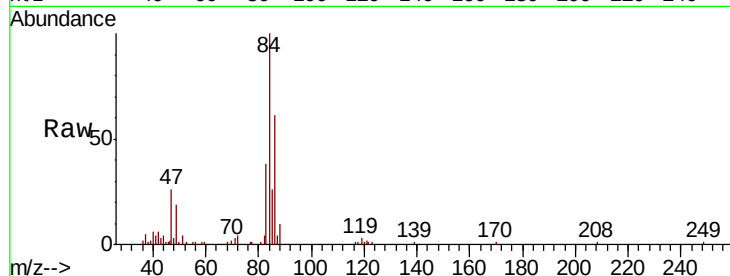
ClientSampleId :

Tot Ion: 83 Resp: 18493

Ion Ratio Lower Upper

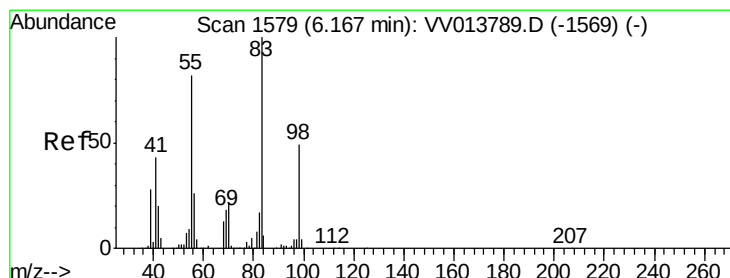
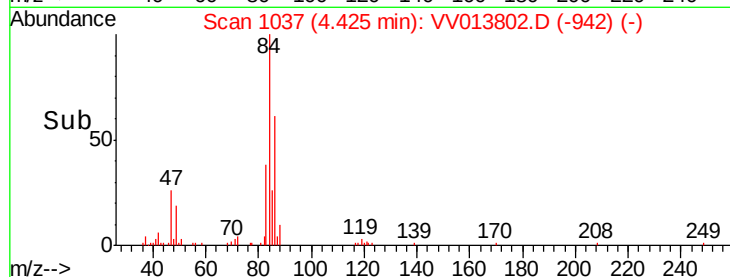
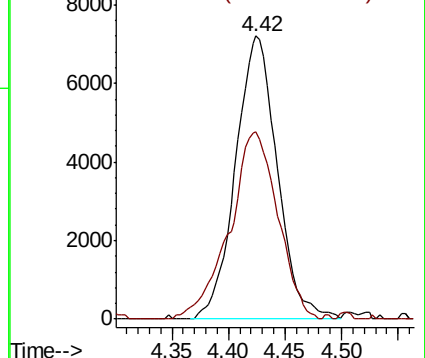
83 100

85 66.4 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.895 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.05 min

Lab File: VV013802.D

Acq: 26 Nov 2019 21:39

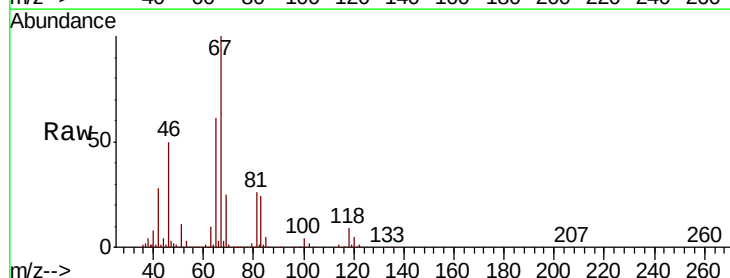
Tgt Ion: 83 Resp: 28447

Ion Ratio Lower Upper

83 100

55 0.3 60.3 90.5#

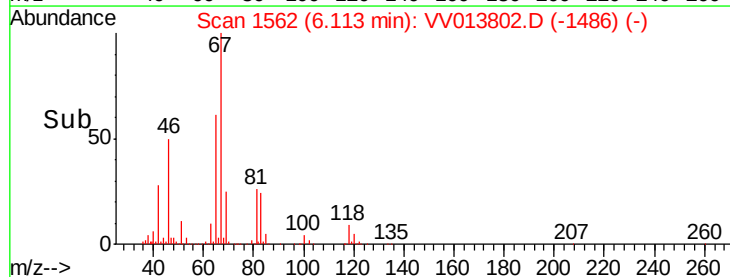
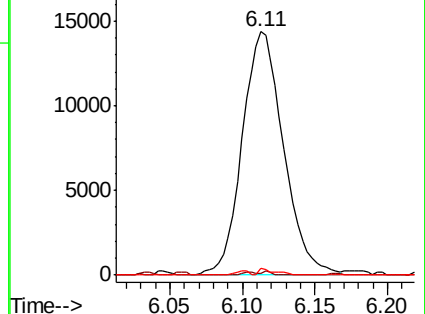
98 0.7 38.1 57.1#

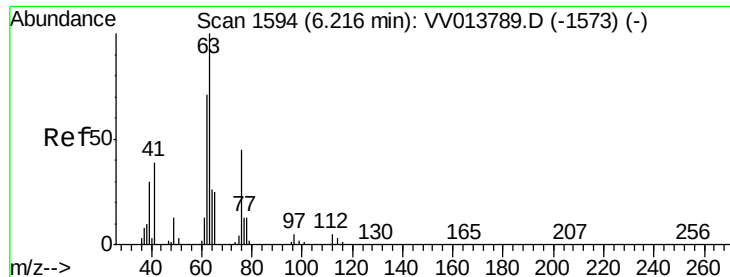


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

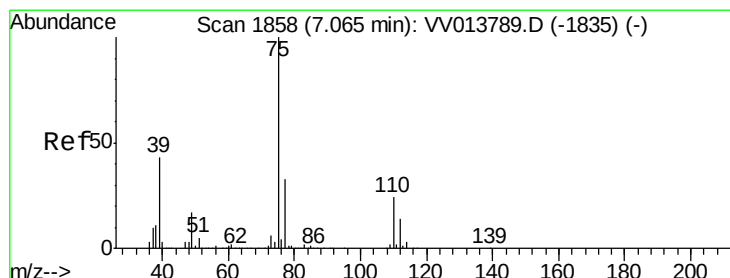
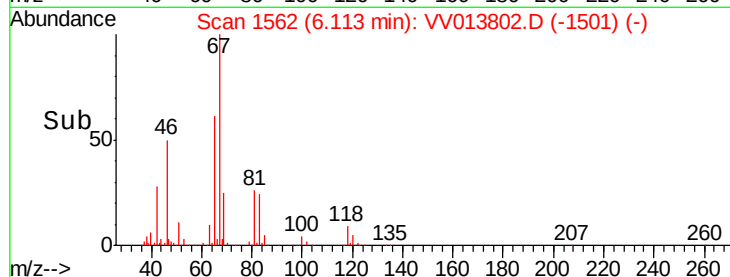
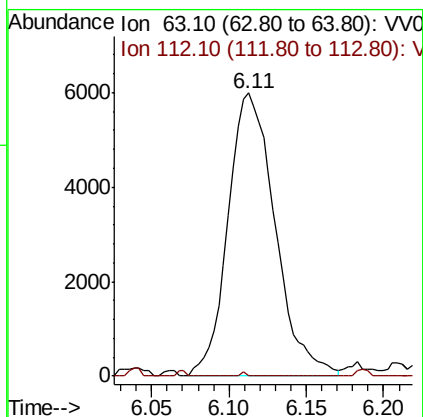
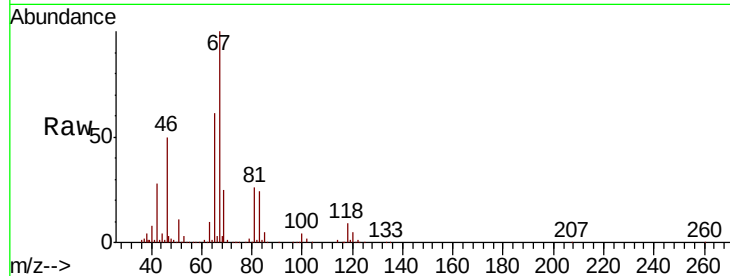




#37
 1,2-Dichloropropane
 Concen: 0.571 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV013802.D
 Acq: 26 Nov 2019 21:39

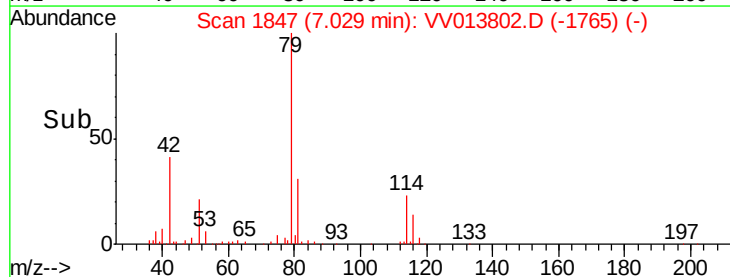
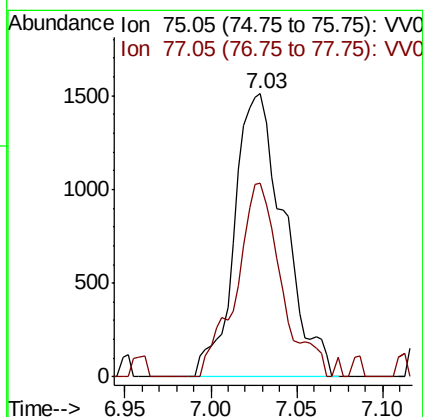
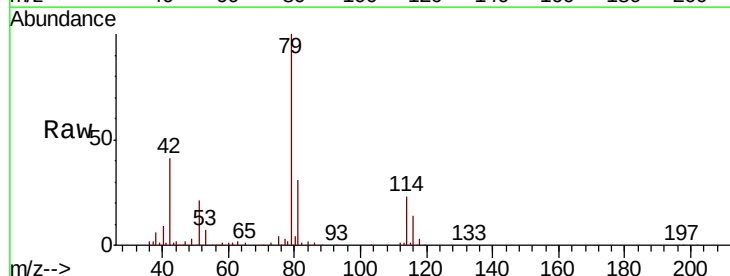
Instrument :
 MSVOA_V
 ClientSampled :

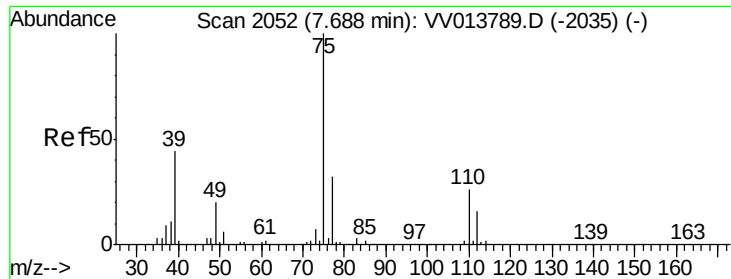
Tot Ion: 63 Resp: 12682
 Ion Ratio Lower Upper
 63 100
 112 0.1 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV013802.D
 Acq: 26 Nov 2019 21:39

Tgt Ion: 75 Resp: 3047
 Ion Ratio Lower Upper
 75 100
 77 68.4 22.5 41.9#





#44

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. -0.03 min

Lab File: VV013802.D

Acq: 26 Nov 2019 21:39

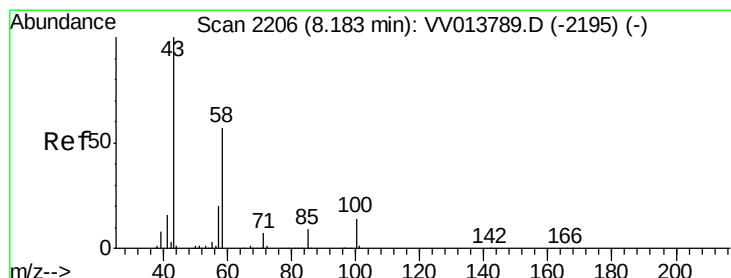
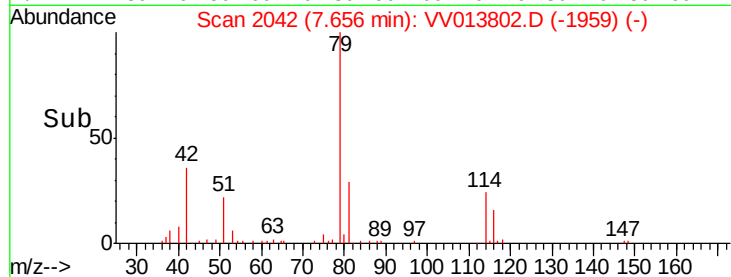
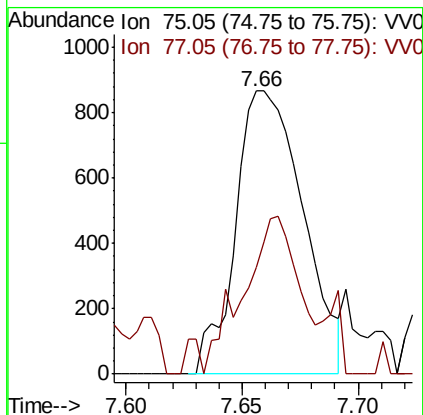
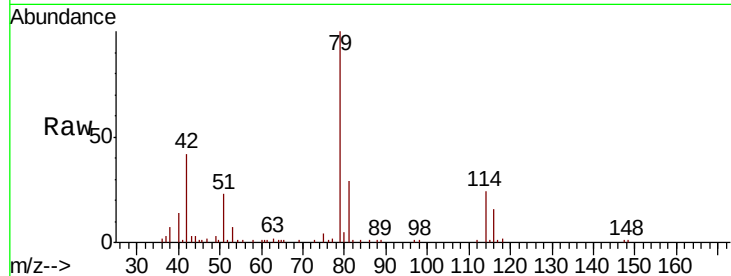
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 1749

Ion Ratio Lower Upper

75 100

77 37.8 23.0 42.8



#48

2-Hexanone

Concen: 1.046 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VV013802.D

Acq: 26 Nov 2019 21:39

Tgt Ion: 43 Resp: 9663

Ion Ratio Lower Upper

43 100

58 0.0 43.2 64.8#

57 6.0 15.4 23.2#

100 8.9 10.4 15.6#

