

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122719\
 Data File : VV014192.D
 Acq On : 27 Dec 2019 15:43
 Operator : SY/MD
 Sample : VV1227WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK40

Quant Time: Dec 28 01:08:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 28 01:05:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	821294	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	741550	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	347345	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	169818	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	142559	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.13	63	226221	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	3.95	46	423085	44.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.56%
24) Chloroform-d	4.40	84	402095	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.08	65	214875	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.10	84	914833	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.11	67	278098	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	853187	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.66	79	117779	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.13	63	459126	44.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	192550	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	279082	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

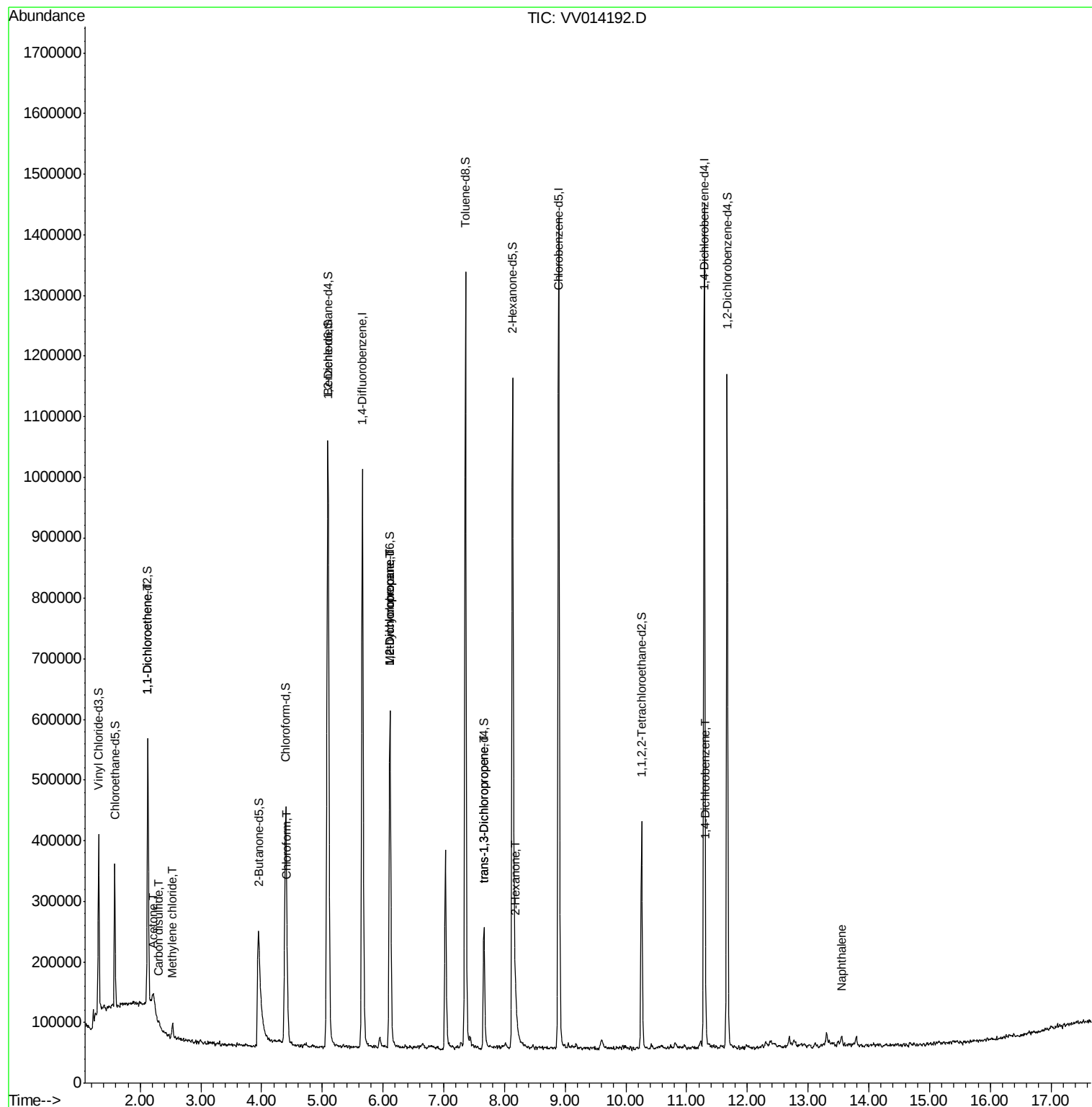
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	3073	0.085	ug/L #	1
13) Acetone	2.21	43	14730	2.499	ug/L	92
14) Carbon disulfide	2.32	76	7805	0.049	ug/L #	82
16) Methylene chloride	2.53	84	9693	0.158	ug/L	93
25) Chloroform	4.43	83	29872	0.280	ug/L	89
35) Methylcyclohexane	6.11	83	66347	0.648	ug/L #	21
37) 1,2-Dichloropropane	6.11	63	29585	0.531	ug/L #	95
44) trans-1,3-Dichloropropene	7.66	75	4973	0.070	ug/L #	63
48) 2-Hexanone	8.18	43	12515	0.522	ug/L #	85
63) 1,4-Dichlorobenzene	11.32	146	6306	0.055	ug/L	88
69) Naphthalene	13.55	128	13377	0.100	ug/L #	95

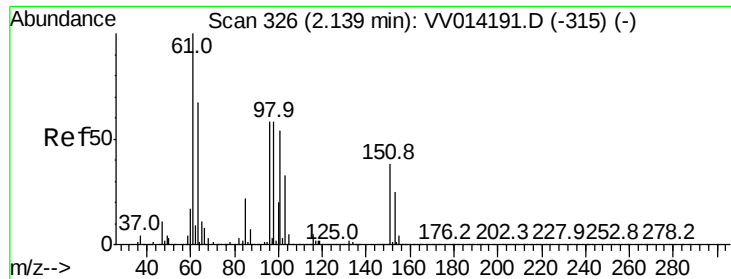
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122719\
Data File : VV014192.D
Acq On : 27 Dec 2019 15:43
Operator : SY/MD
Sample : VV1227WBL01
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK40

Quant Time: Dec 28 01:08:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 28 01:05:52 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014192.D

Acq: 27 Dec 2019 15:43

Instrument :

MSVOA_V

ClientSampleId :

VBLK40

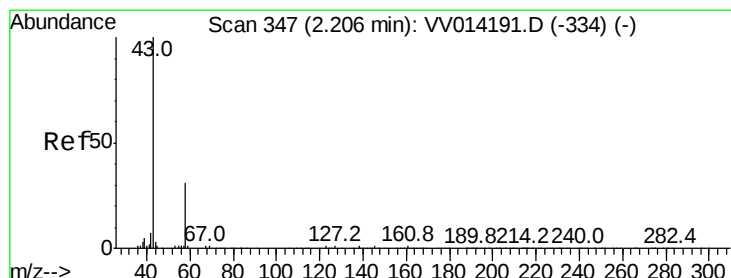
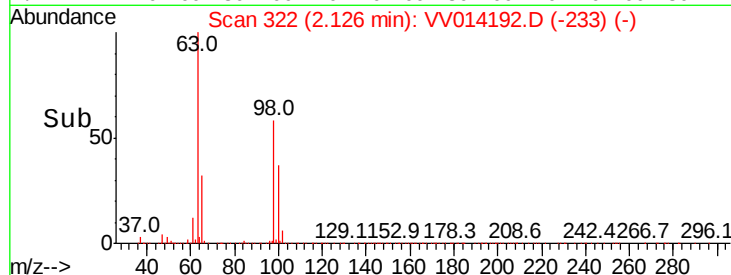
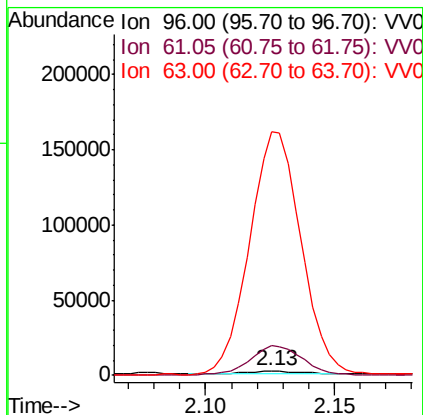
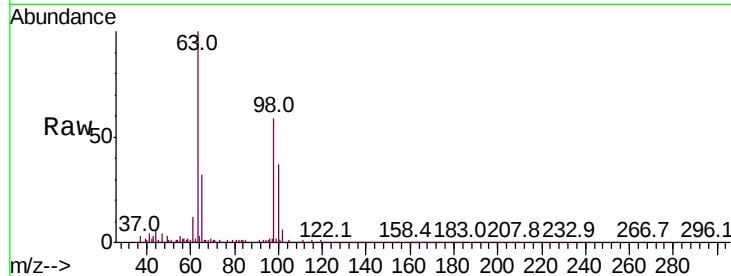
Tot Ion: 96 Resp: 3073

Ion Ratio Lower Upper

96 100

61 691.4 121.5 225.7#

63 5740.0 90.3 167.7#



#13

Acetone

Concen: 2.499 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV014192.D

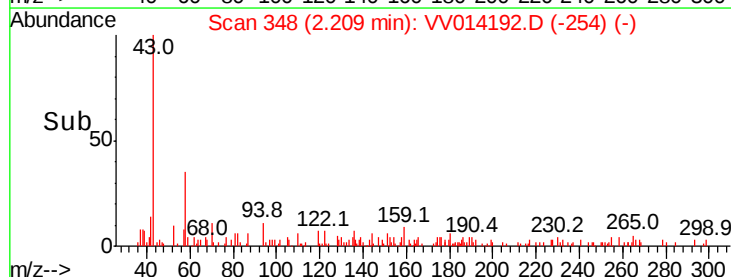
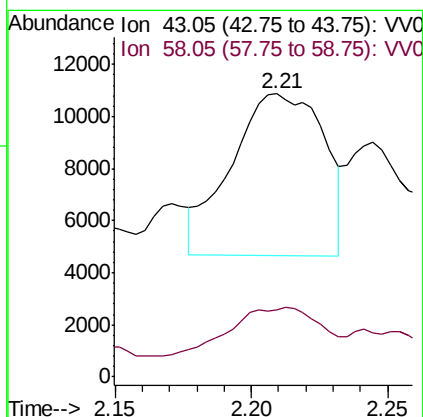
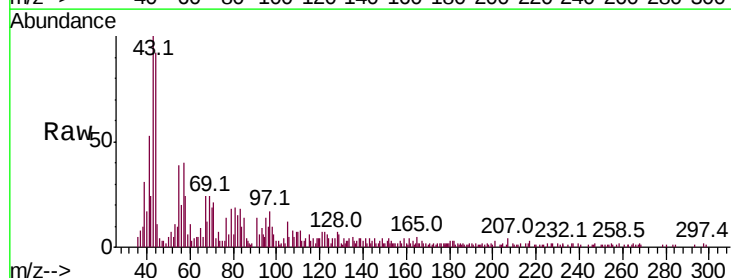
Acq: 27 Dec 2019 15:43

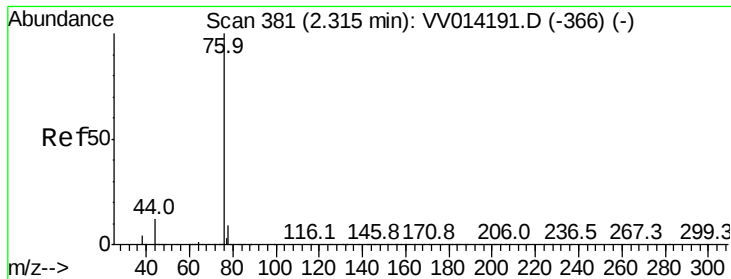
Tgt Ion: 43 Resp: 14730

Ion Ratio Lower Upper

43 100

58 28.6 0.0 66.0





#14

Carbon disulfide

Concen: 0.049 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV014192.D

Acq: 27 Dec 2019 15:43

Instrument :

MSVOA_V

ClientSampleId :

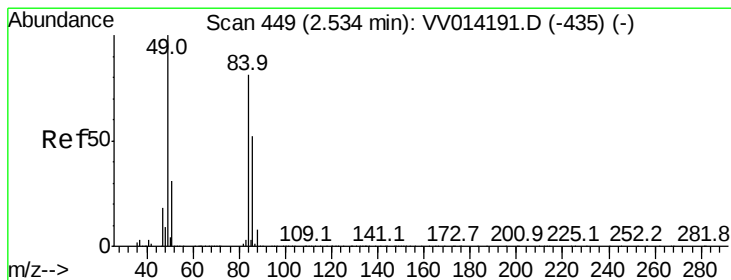
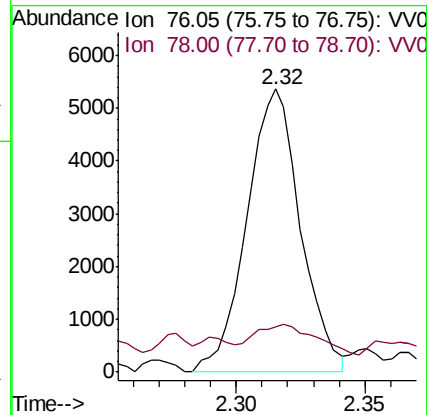
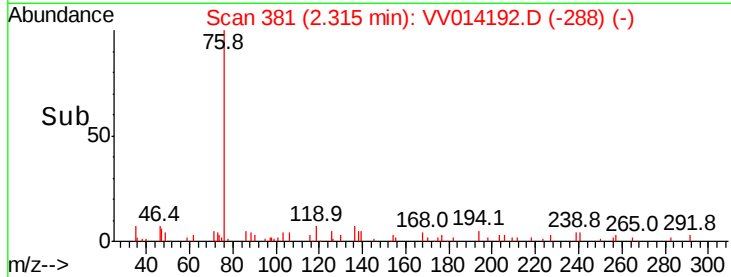
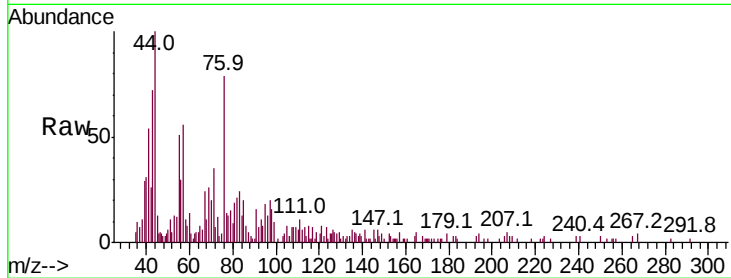
VBLK40

Tot Ion: 76 Resp: 7805

Ion Ratio Lower Upper

76 100

78 15.8 7.5 11.3#



#16

Methylene chloride

Concen: 0.158 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV014192.D

Acq: 27 Dec 2019 15:43

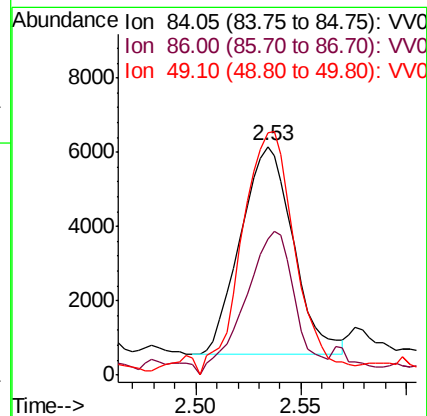
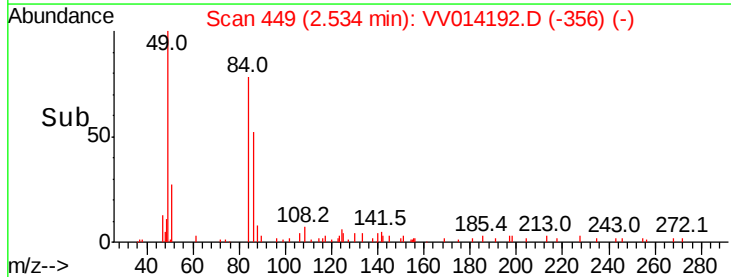
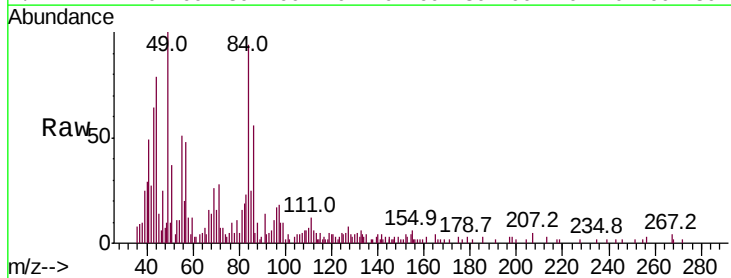
Tgt Ion: 84 Resp: 9693

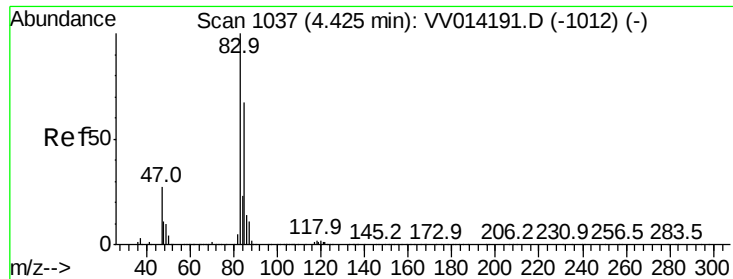
Ion Ratio Lower Upper

84 100

86 59.6 43.1 80.1

49 106.3 82.1 152.5





#25

Chloroform

Concen: 0.280 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV014192.D

Acq: 27 Dec 2019 15:43

Instrument :

MSVOA_V

ClientSampled :

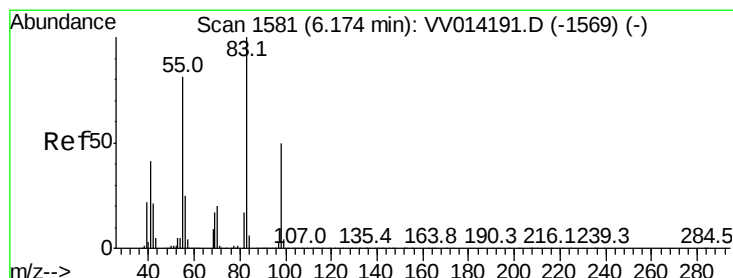
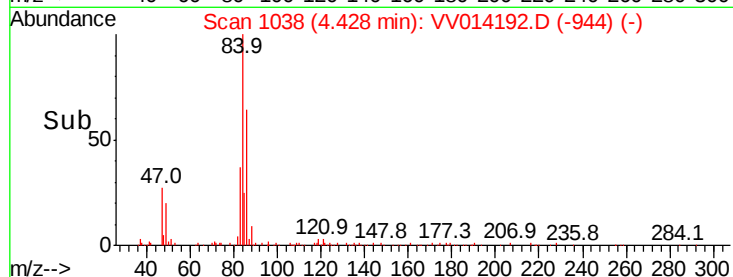
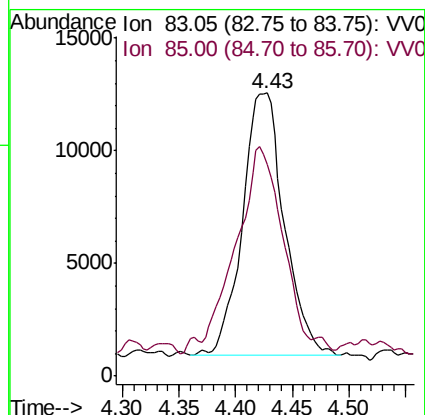
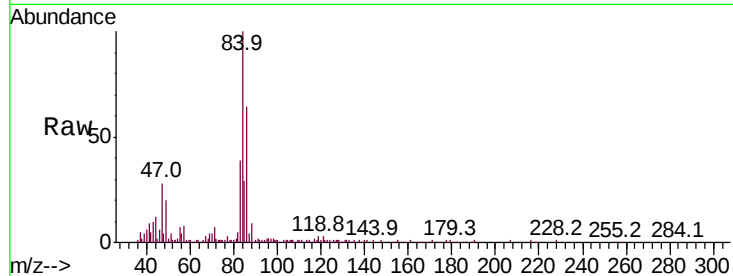
VBLK40

Tot Ion: 83 Resp: 29872

Ion Ratio Lower Upper

83 100

85 74.8 46.2 85.8



#35

Methylcyclohexane

Concen: 0.648 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014192.D

Acq: 27 Dec 2019 15:43

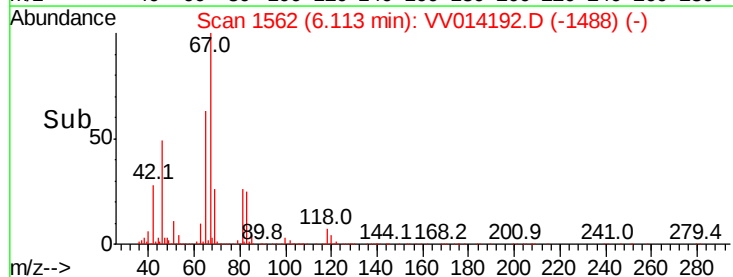
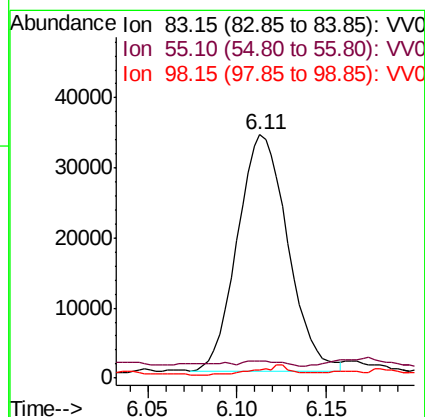
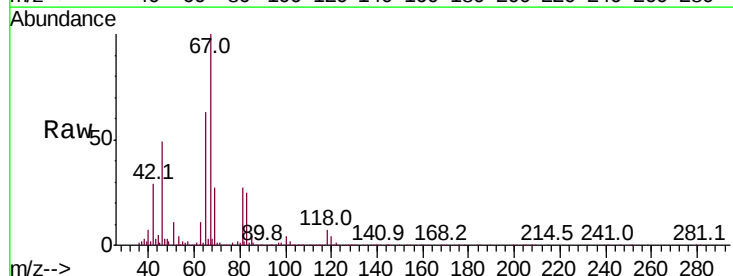
Tgt Ion: 83 Resp: 66347

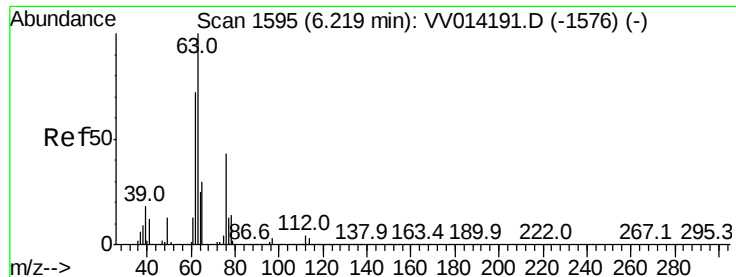
Ion Ratio Lower Upper

83 100

55 1.8 61.7 92.5#

98 3.3 38.1 57.1#

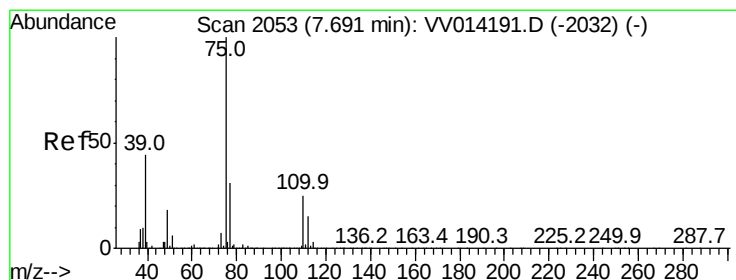
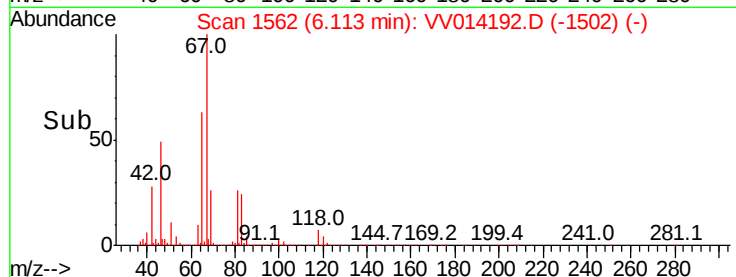
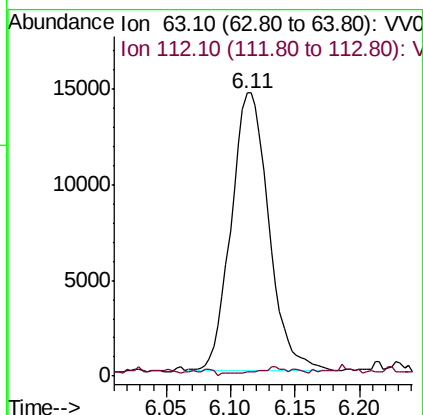
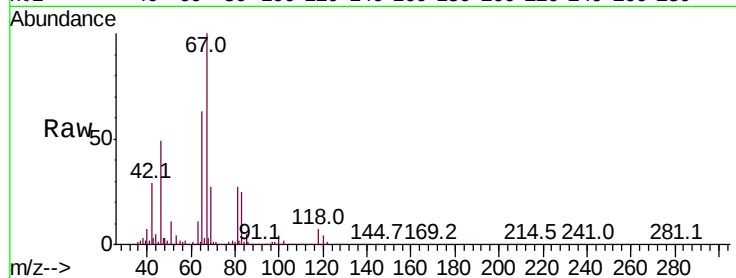




#37
 1,2-Dichloropropane
 Concen: 0.531 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV014192.D
 Acq: 27 Dec 2019 15:43

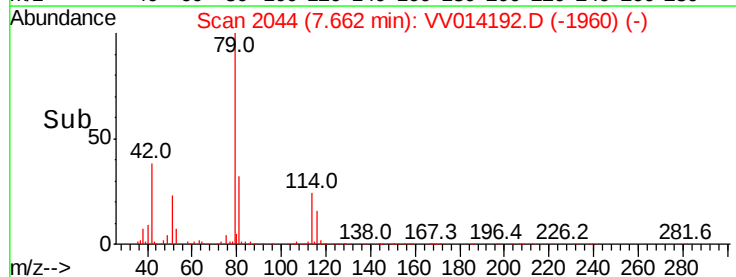
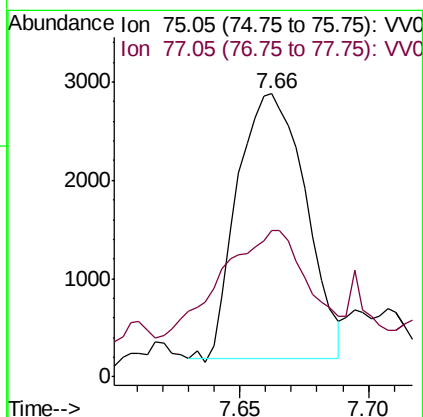
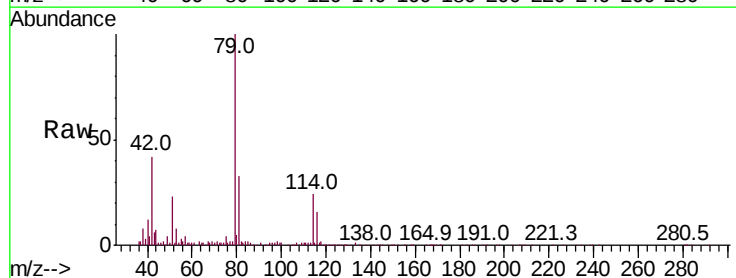
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK40

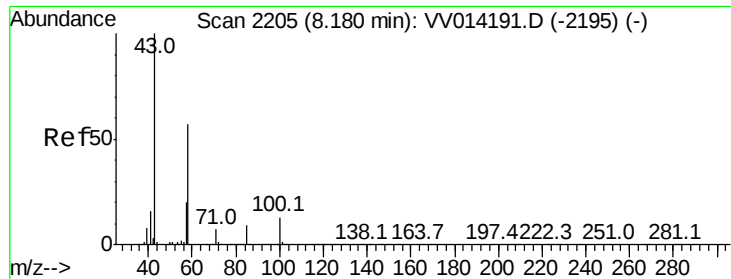
Tot Ion: 63 Resp: 29585
 Ion Ratio Lower Upper
 63 100
 112 3.0 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV014192.D
 Acq: 27 Dec 2019 15:43

Tgt Ion: 75 Resp: 4973
 Ion Ratio Lower Upper
 75 100
 77 51.9 22.0 41.0#

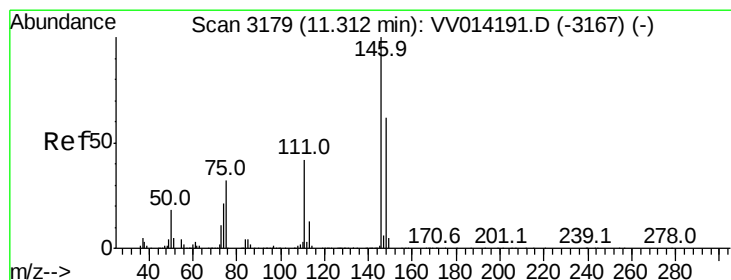
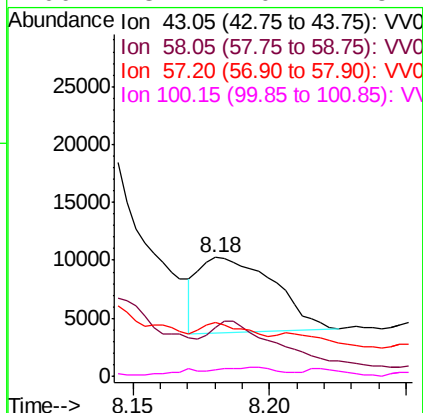
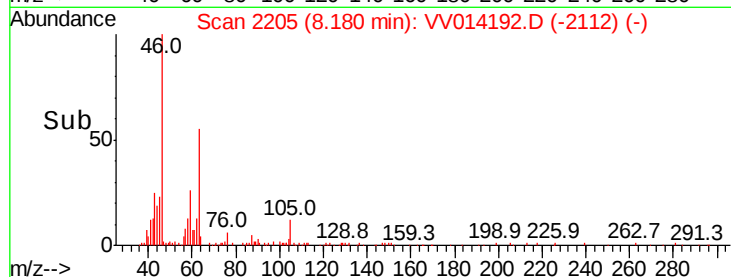
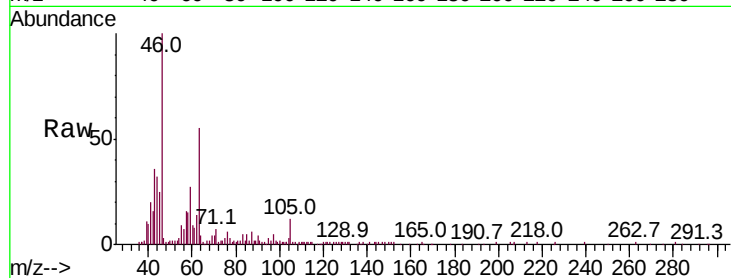




#48
 2-Hexanone
 Concen: 0.522 ug/L
 RT: 8.18 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VV014192.D
 Acq: 27 Dec 2019 15:43

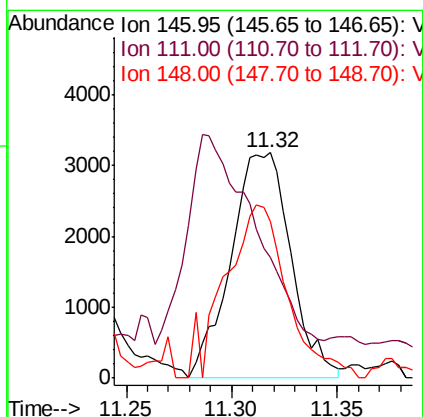
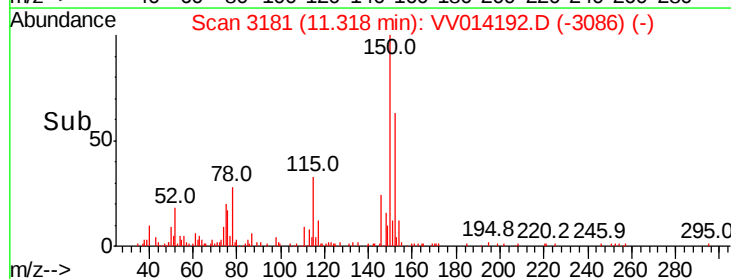
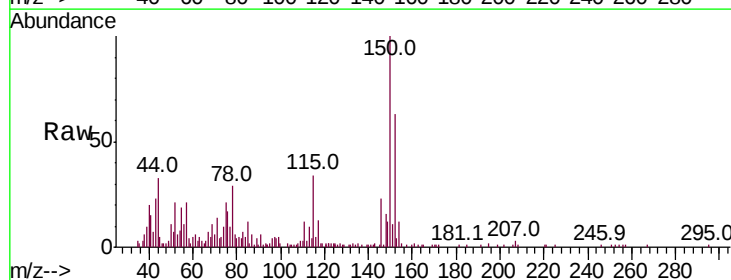
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK40

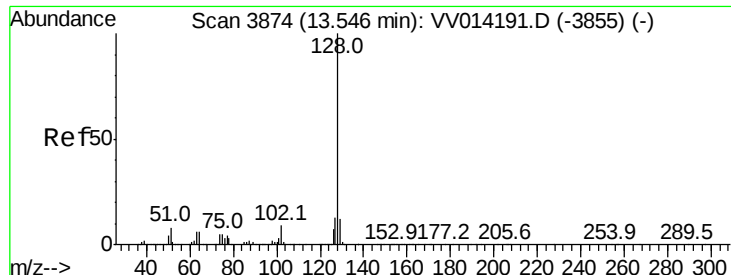
Tot Ion:	43	Resp:	12515
Ion	Ratio	Lower	Upper
43	100		
58	69.1	45.4	68.0#
57	20.4	15.8	23.8
100	3.1	10.2	15.4#



#63
 1,4-Dichlorobenzene
 Concen: 0.055 ug/L
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.01 min
 Lab File: VV014192.D
 Acq: 27 Dec 2019 15:43

Tgt Ion:	146	Resp:	6306
Ion	Ratio	Lower	Upper
146	100		
111	53.3	28.8	53.4
148	69.6	44.5	82.7





#69

Naphthalene

Concen: 0.100 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV014192.D

Acq: 27 Dec 2019 15:43

Instrument :

MSVOA_V

ClientSampleId :

VBLK40

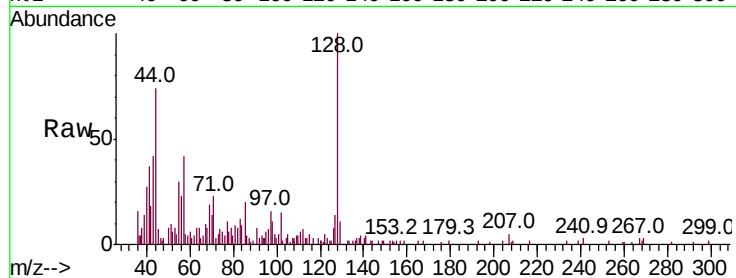
Tot Ion:128 Resp: 13377

Ion Ratio Lower Upper

128 100

129 7.2 8.6 13.0#

127 12.3 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

