

Data File : VV014383.D
Acq On : 24 Jan 2020 12:26
Operator : SY/MD
Sample : L1221-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0B62

Quant Time: Jan 25 00:21:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 25 00:18:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	942409	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	847396	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	373458	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	226921	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.58	69	203285	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.13	63	260863	2.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.60%#
20) 2-Butanone-d5	3.95	46	664453	41.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.90%
24) Chloroform-d	4.39	84	585441	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.08	65	283978	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.09	84	1137230	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.11	67	383993	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.35	98	904650	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	7.66	79	141350	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.13	63	759541	51.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.46%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	278472	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	332502	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

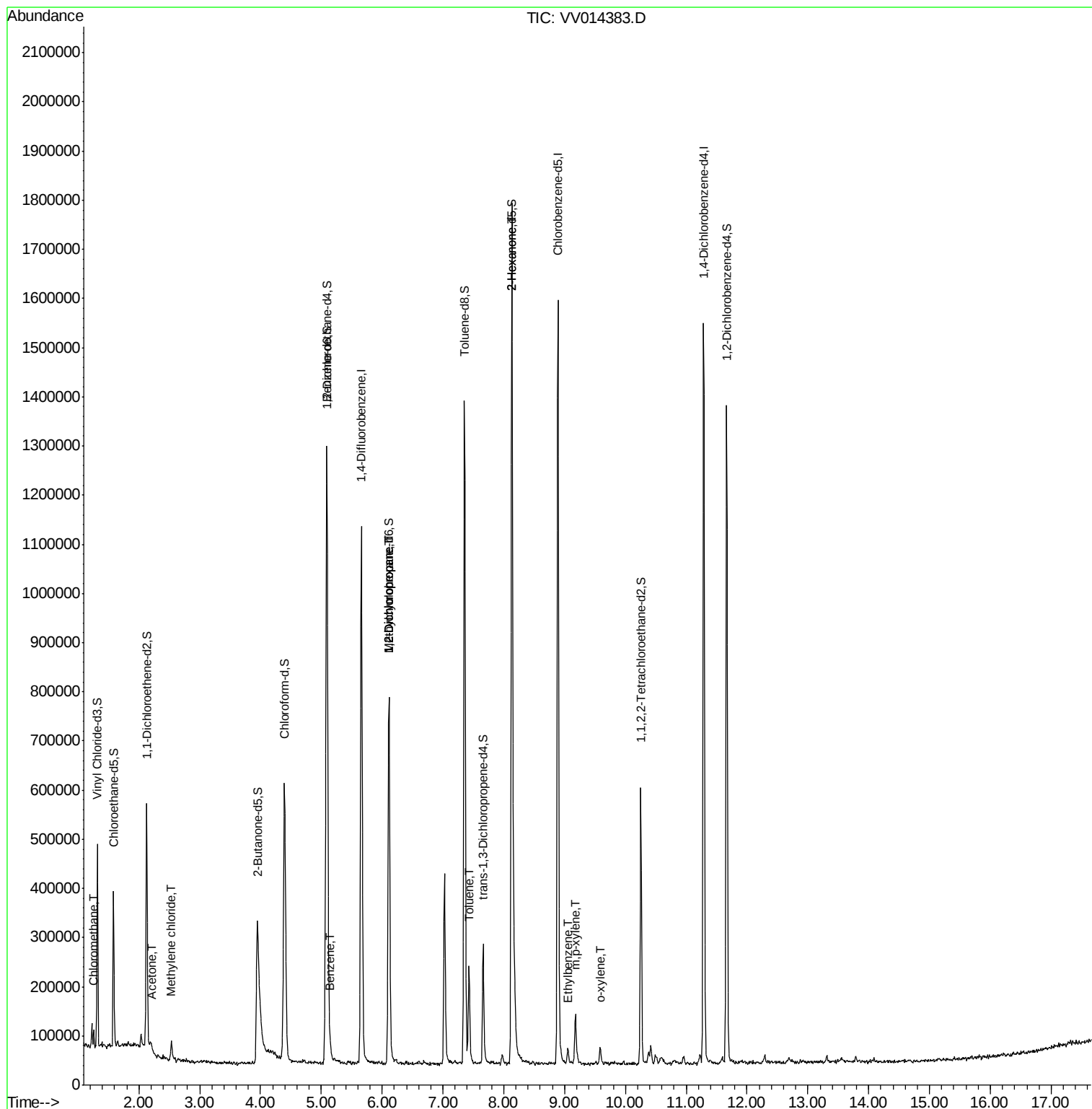
					Qvalue
3) Chloromethane	1.25	50	21165	0.300 ug/L	100
13) Acetone	2.22	43	17010	1.559 ug/L	97
16) Methylene chloride	2.53	84	16287	0.238 ug/L	87
33) Benzene	5.15	78	26771	0.103 ug/L	100
35) Methylcyclohexane	6.11	83	91889	0.838 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	39128	0.594 ug/L #	88
42) Toluene	7.43	91	149431	0.542 ug/L	97
48) 2-Hexanone	8.13	43	93045	3.240 ug/L #	67
52) Ethylbenzene	9.05	91	22034	0.071 ug/L	96
53) m,p-xylene	9.18	106	31985	0.281 ug/L	99
54) o-xylene	9.59	106	10999	0.098 ug/L	79

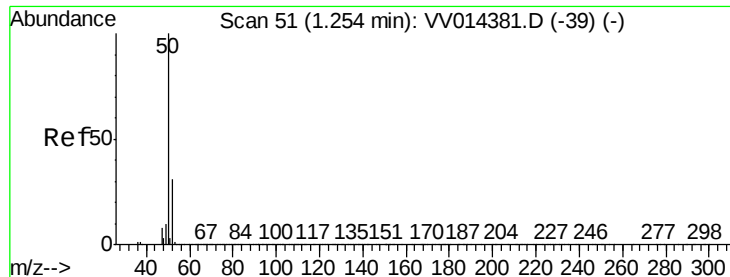
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.300 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

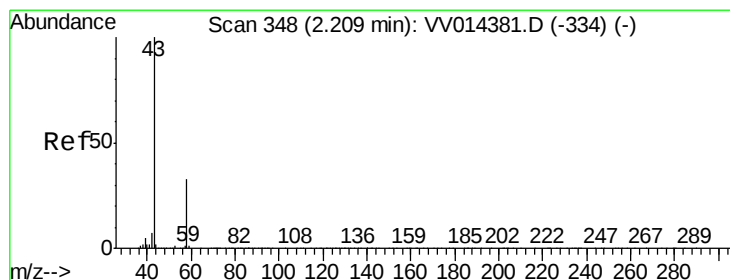
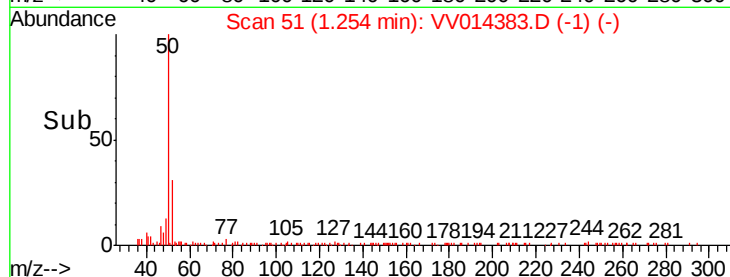
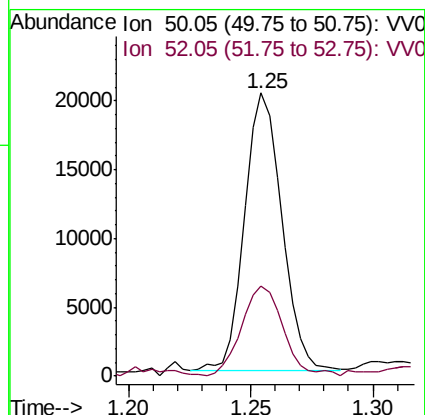
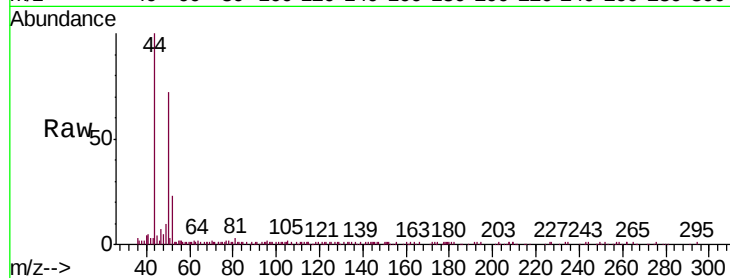
C0B62

Tgt Ion: 50 Resp: 21165

Ion Ratio Lower Upper

50 100

52 31.9 22.3 41.3



#13

Acetone

Concen: 1.559 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV014383.D

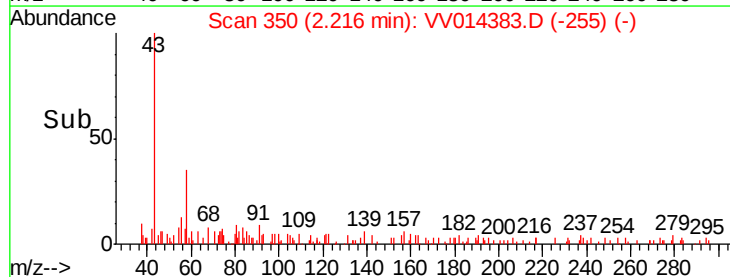
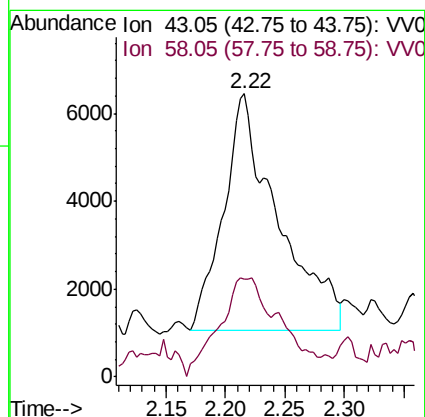
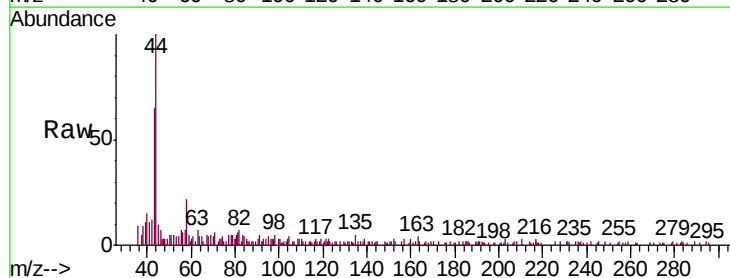
Acq: 24 Jan 2020 12:26

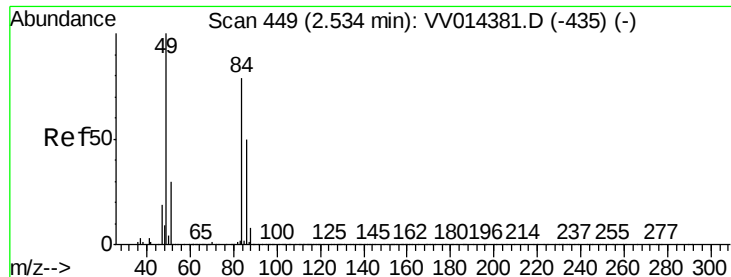
Tgt Ion: 43 Resp: 17010

Ion Ratio Lower Upper

43 100

58 34.9 0.0 66.0

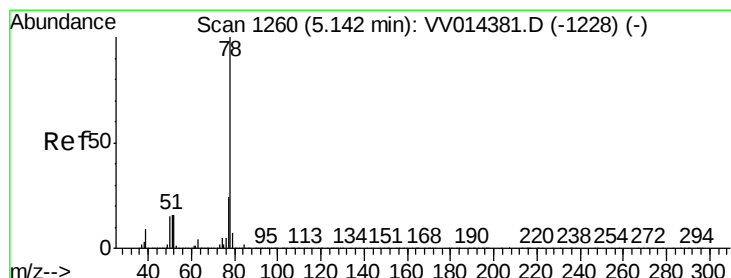
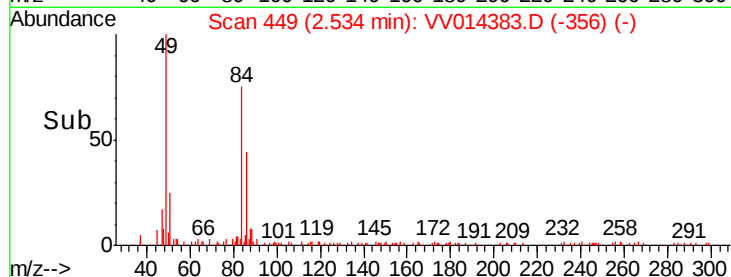
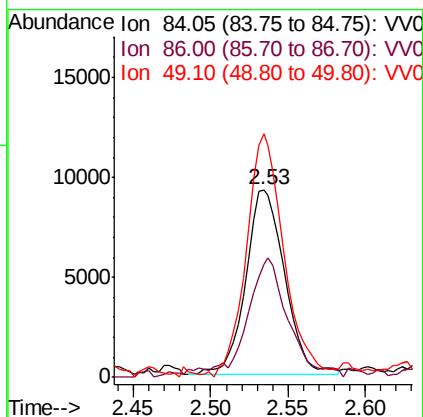
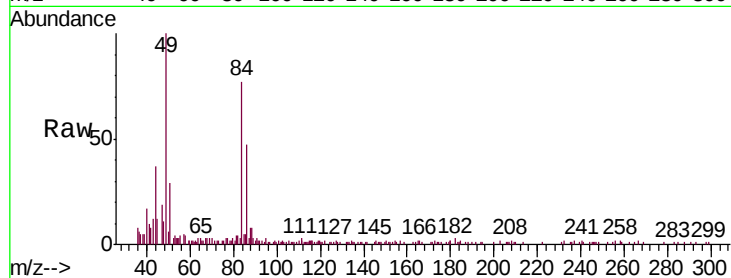




#16
Methylene chloride
Concen: 0.238 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014383.D
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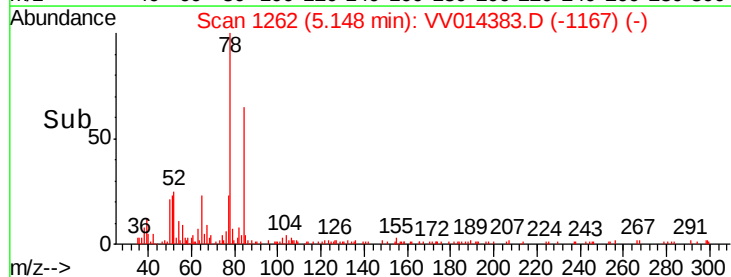
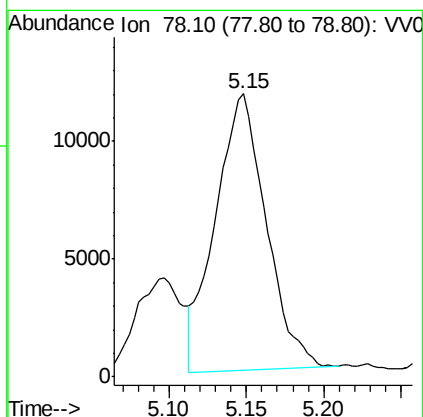
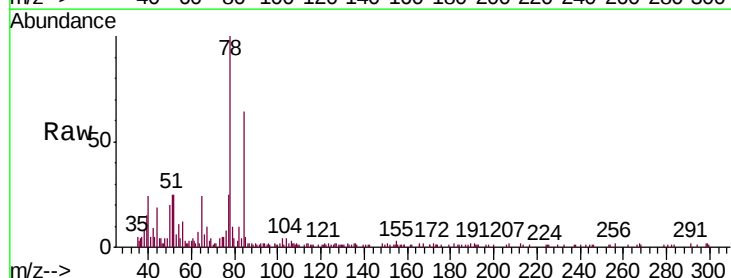
Instrument :
MSVOA_V
ClientSampleId :
C0B62

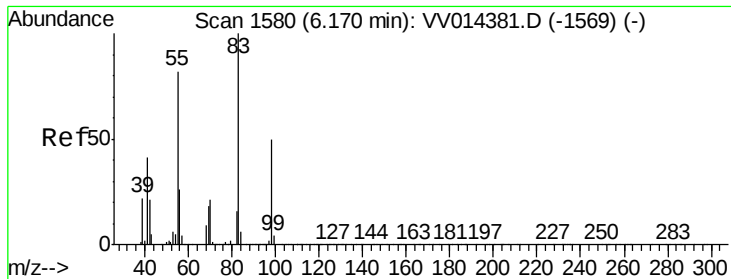
Tgt Ion: 84 Resp: 16287
Ion Ratio Lower Upper
84 100
86 60.5 43.1 80.1
49 137.6 82.1 152.5



#33
Benzene
Concen: 0.103 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV014383.D
Acq: 24 Jan 2020 12:26

Tgt Ion: 78 Resp: 26771





#35

Methylcyclohexane

Concen: 0.838 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014383.D

Acq: 24 Jan 2020 12:26

Instrument :

MSVOA_V

ClientSampleId :

C0B62

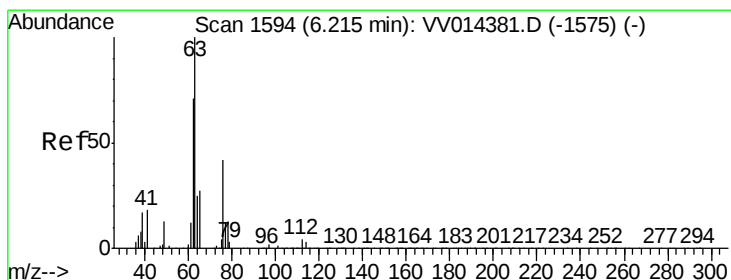
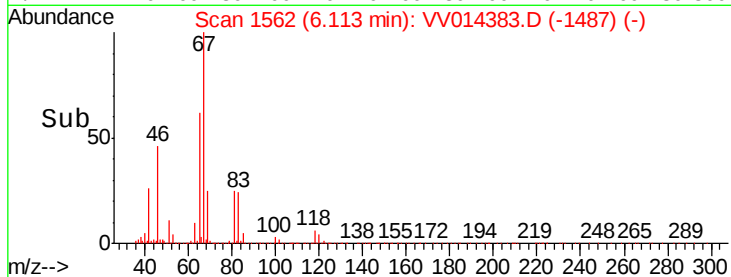
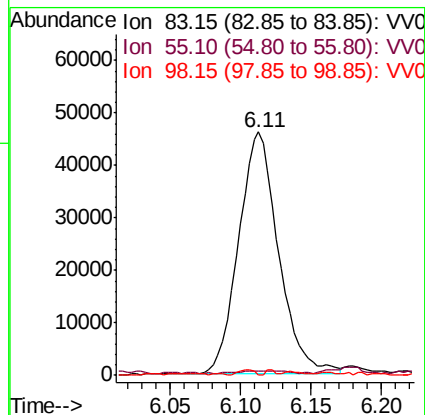
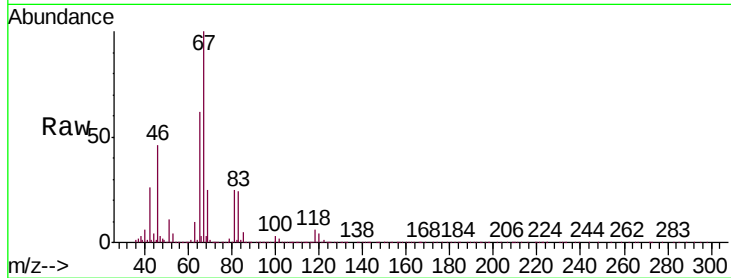
Tgt Ion: 83 Resp: 91889

Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

98 0.6 38.1 57.1#



#37

1,2-Dichloropropane

Concen: 0.594 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014383.D

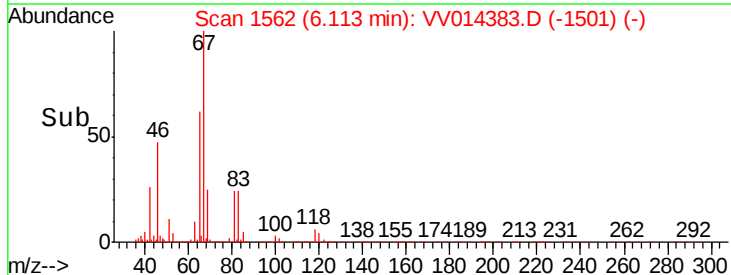
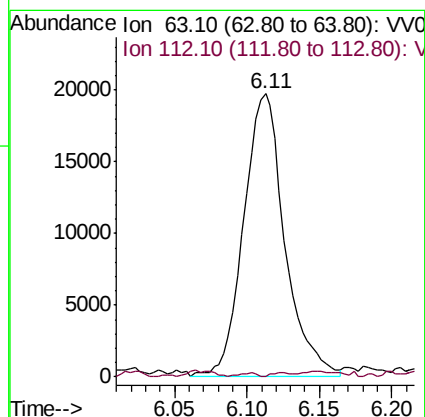
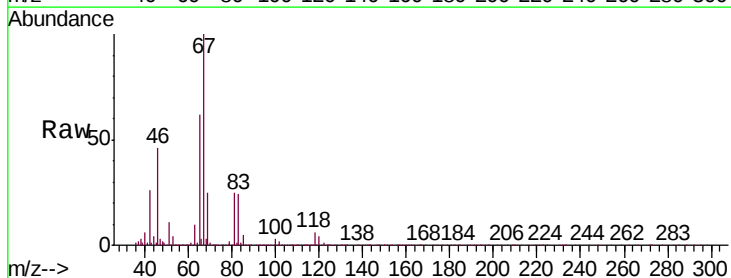
Acq: 24 Jan 2020 12:26

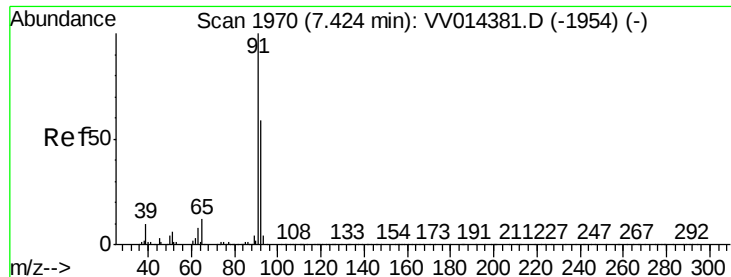
Tgt Ion: 63 Resp: 39128

Ion Ratio Lower Upper

63 100

112 0.5 3.7 5.5#





#42

Toluene

Concen: 0.542 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV014383.D

Acq: 24 Jan 2020 12:26

Instrument :

MSVOA_V

ClientSampleId :

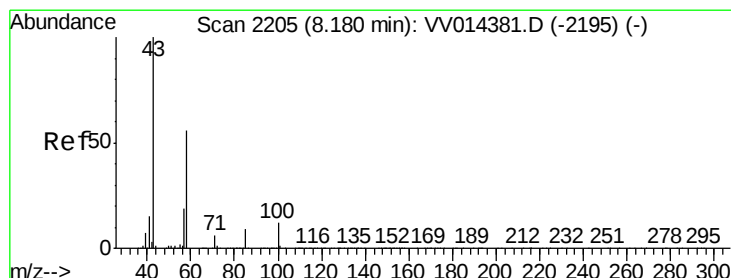
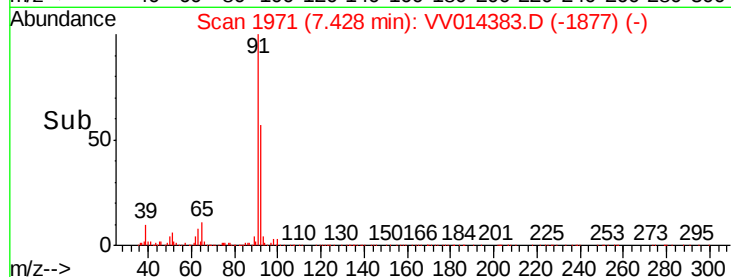
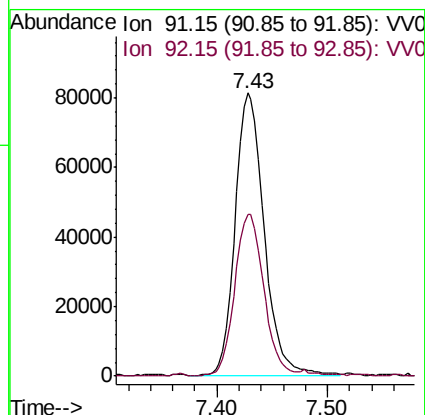
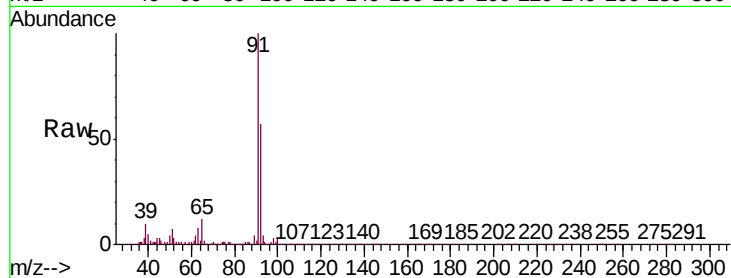
C0B62

Tgt Ion: 91 Resp: 149431

Ion Ratio Lower Upper

91 100

92 57.0 41.2 76.6



#48

2-Hexanone

Concen: 3.240 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014383.D

Acq: 24 Jan 2020 12:26

Tgt Ion: 43 Resp: 93045

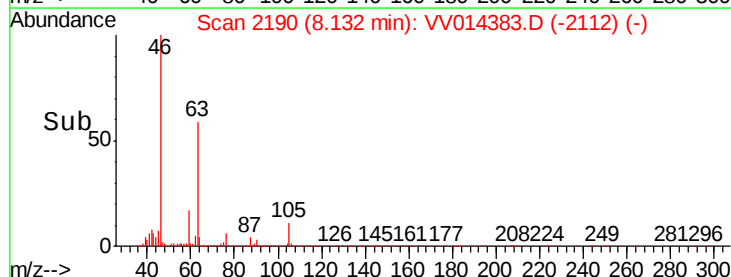
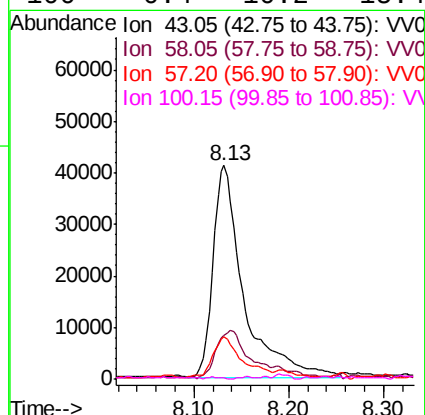
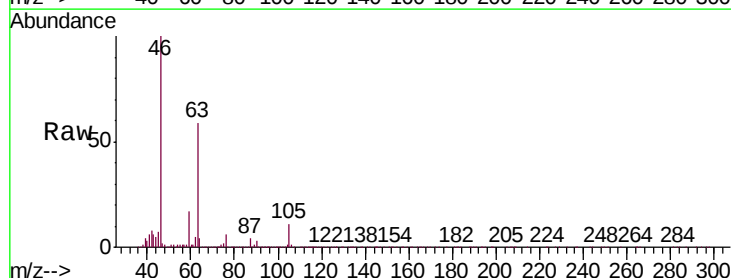
Ion Ratio Lower Upper

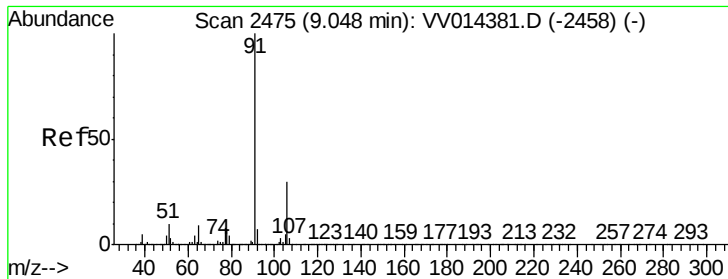
43 100

58 24.2 45.4 68.0#

57 19.3 15.8 23.8

100 0.4 10.2 15.4#





#52

Ethylbenzene

Concen: 0.071 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: VV014383.D

Acq: 24 Jan 2020 12:26

Instrument :

MSVOA_V

ClientSampleId :

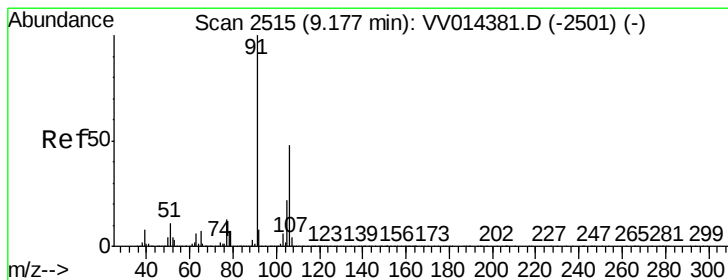
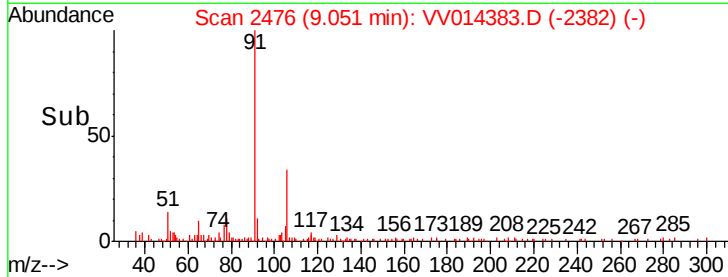
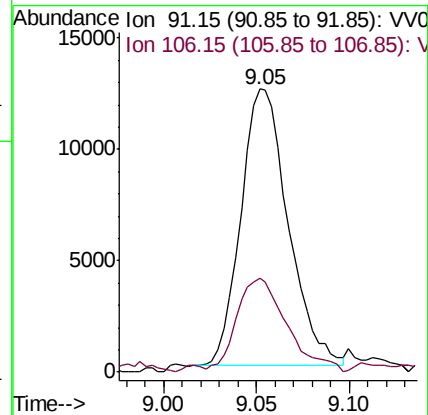
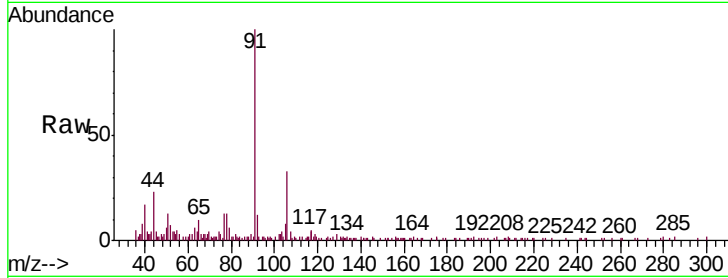
C0B62

Tgt Ion: 91 Resp: 22034

Ion Ratio Lower Upper

91 100

106 33.3 21.6 40.0



#53

m,p-xylene

Concen: 0.281 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. 0.00 min

Lab File: VV014383.D

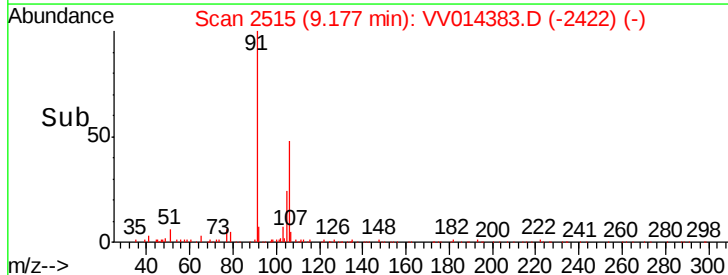
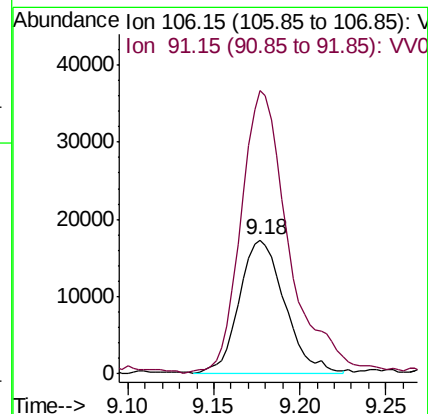
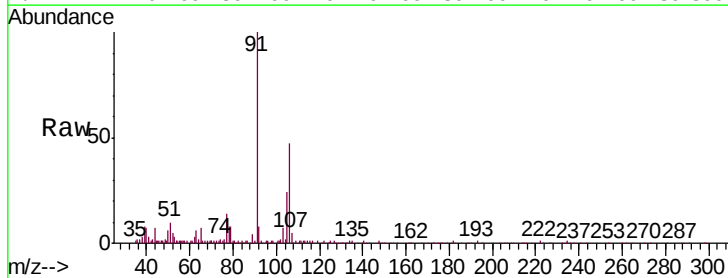
Acq: 24 Jan 2020 12:26

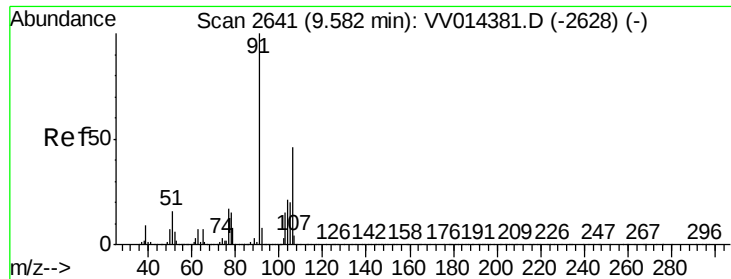
Tgt Ion: 106 Resp: 31985

Ion Ratio Lower Upper

106 100

91 211.3 146.8 272.6





#54
o-xylene
Concen: 0.098 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.01 min
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Instrument :
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ClientSampleId :
C0B62

Tgt Ion:106 Resp: 10999
Ion Ratio Lower Upper
106 100
91 182.7 150.9 280.3

