

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
 Data File : VX018680.D
 Acq On : 30 Sep 2020 01:08
 Operator : JC/SP
 Sample : L4135-10DL 40X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 30 07:13:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 07:04:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	206814	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	201406	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	90184	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46655	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.70	69	43604	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.34	63	86155	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.55	46	156426	56.68	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.36%
24) Chloroform-d	5.15	84	126577	4.94	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	6.03	65	73904	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	6.05	84	224695	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	7.37	67	69530	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	8.70	98	195797	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
45) trans-1,3-Dichloropropene-	8.99	79	26761	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
48) 2-Hexanone-d5	9.43	63	117960	52.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.56%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	55447	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	79775	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	954	0.089	ug/L #	70
6) Bromomethane	1.64	94	673	0.101	ug/L	79
8) Chloroethane	1.72	64	6505	1.056	ug/L	86
12) 1,1-Dichloroethene	2.34	96	1127	0.112	ug/L #	1
16) Methylene chloride	2.84	84	5915	0.429	ug/L #	68
33) Benzene	6.11	78	140860	3.627	ug/L	100
37) 1,2-Dichloropropane	7.38	63	10083	0.973	ug/L #	86
43) 1,3,5-Trimethylbenzene	11.79	105	2719	0.074	ug/L	94
44) 1,2,4-Trimethylbenzene	11.79	105	2719	0.074	ug/L	95
53) Chlorobenzene	10.12	112	755399	27.263	ug/L	98
55) m,p-xylene	10.34	106	2265	0.130	ug/L	78
56) o-xylene	10.68	106	7159	0.434	ug/L	91
58) Isopropylbenzene	11.00	105	45797	1.035	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	8095	0.409	ug/L	93
66) 1,2-Dichlorobenzene	12.38	146	3741	0.205	ug/L #	81
70) Naphthalene	13.81	128	1592	0.078	ug/L #	80

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 07:04:14 2020
Response via : Initial Calibration

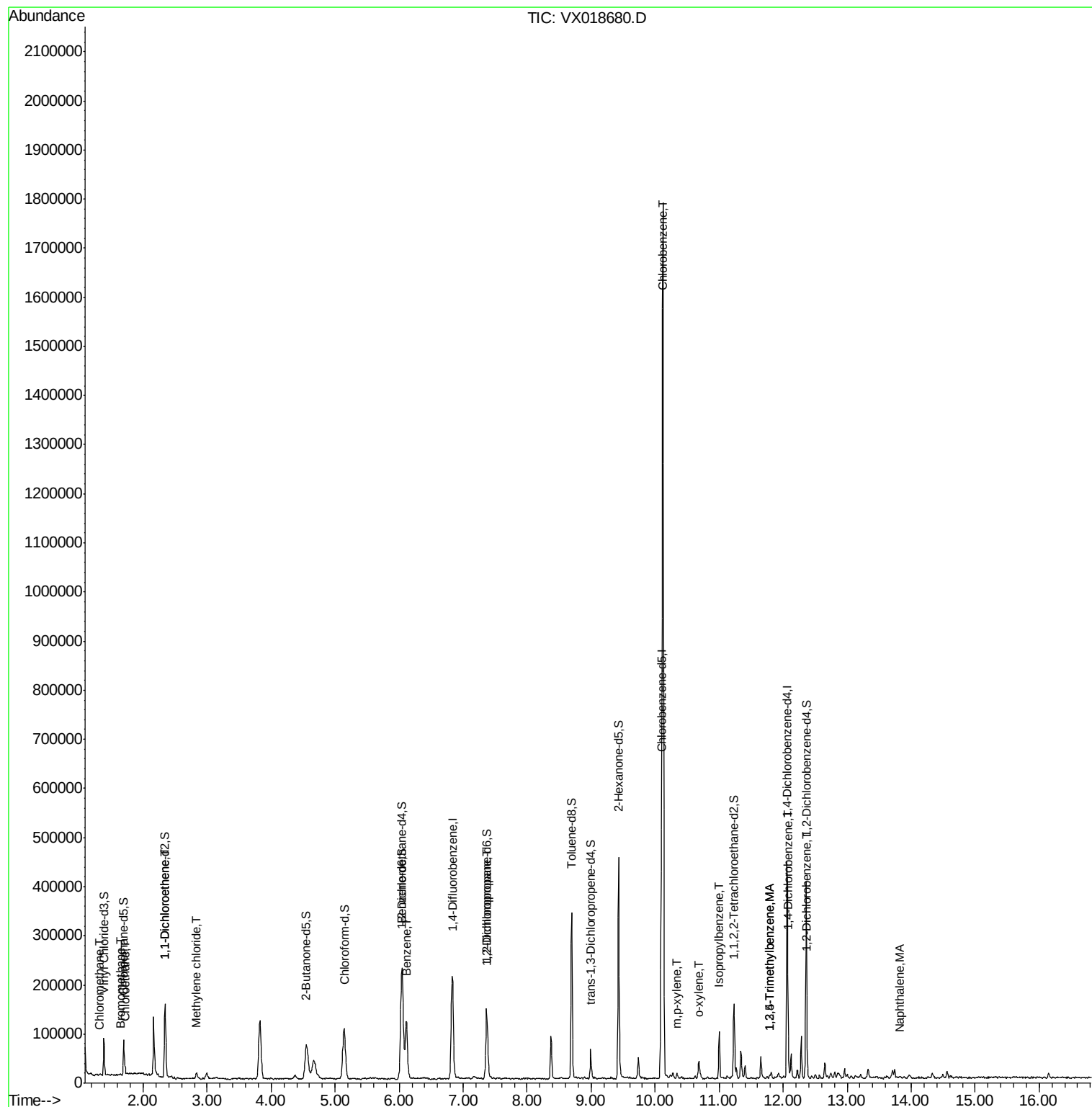
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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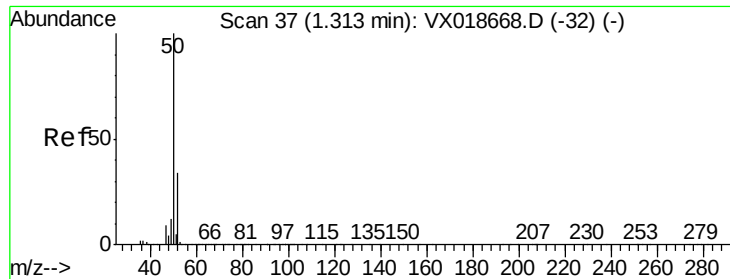
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092920\
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QLast Update : Wed Sep 30 07:04:14 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.089 ug/L

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018680.D

Acq: 30 Sep 2020 01:08

Instrument :

MSVOA_X

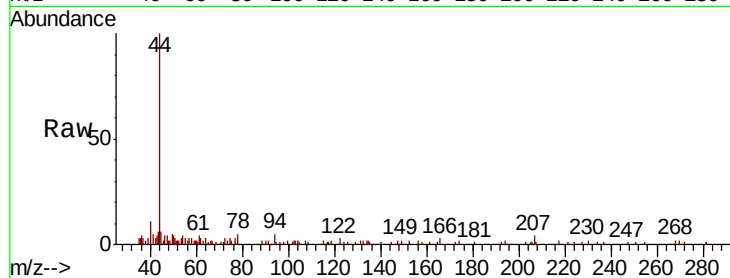
ClientSampled :

Tot Ion: 50 Resp: 954

Ion Ratio Lower Upper

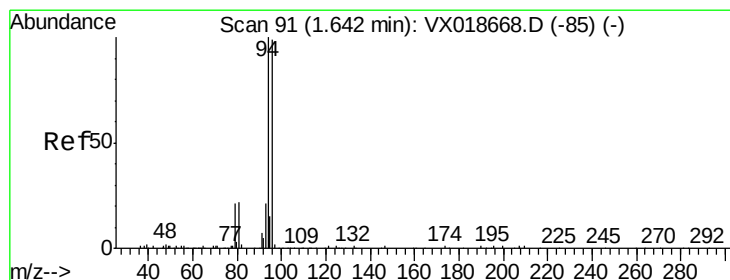
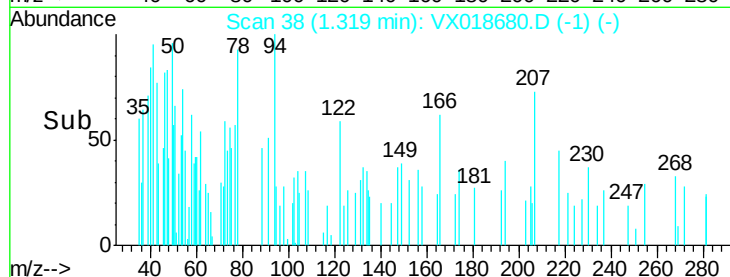
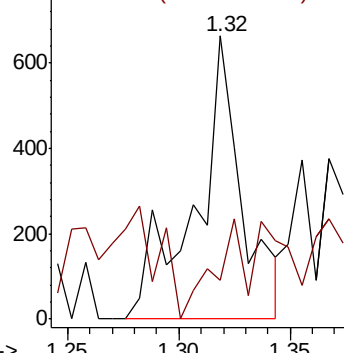
50 100

52 13.9 21.2 39.4#



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#6

Bromomethane

Concen: 0.101 ug/L

RT: 1.64 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX018680.D

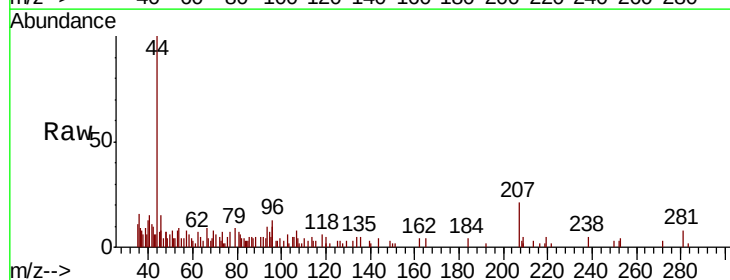
Acq: 30 Sep 2020 01:08

Tgt Ion: 94 Resp: 673

Ion Ratio Lower Upper

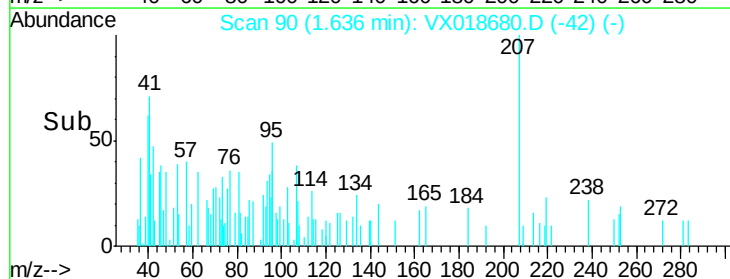
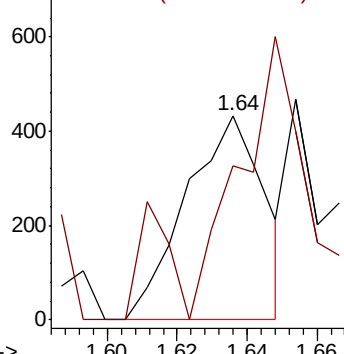
94 100

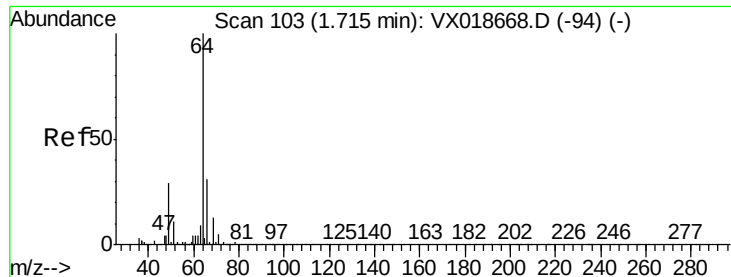
96 75.8 67.8 125.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0





#8

Chloroethane

Concen: 1.056 ug/L

RT: 1.72 min Scan# 104

Delta R.T. 0.01 min

Lab File: VX018680.D

Acq: 30 Sep 2020 01:08

Instrument :

MSVOA_X

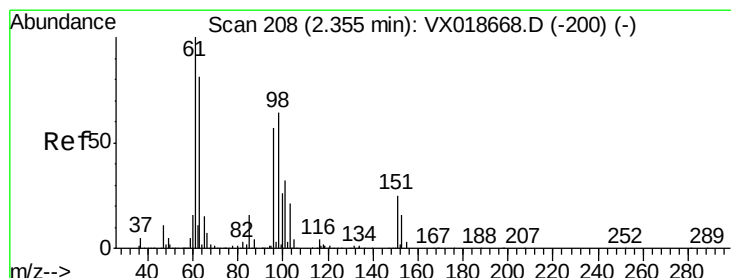
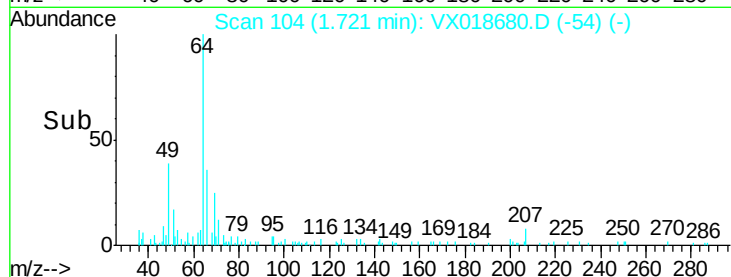
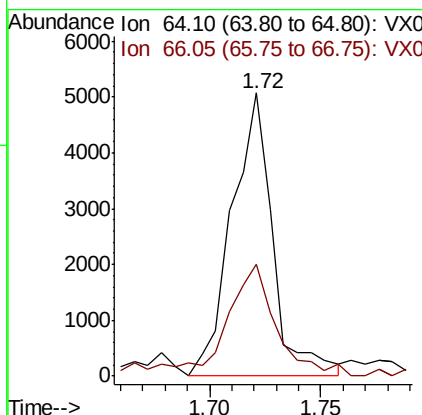
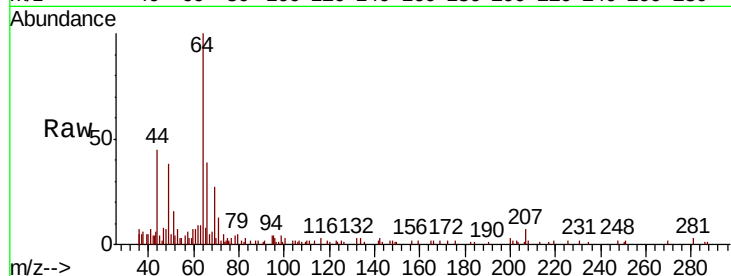
ClientSampleId :

Tot Ion: 64 Resp: 6505

Ion Ratio Lower Upper

64 100

66 39.4 22.3 41.3



#12

1,1-Dichloroethene

Concen: 0.112 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX018680.D

Acq: 30 Sep 2020 01:08

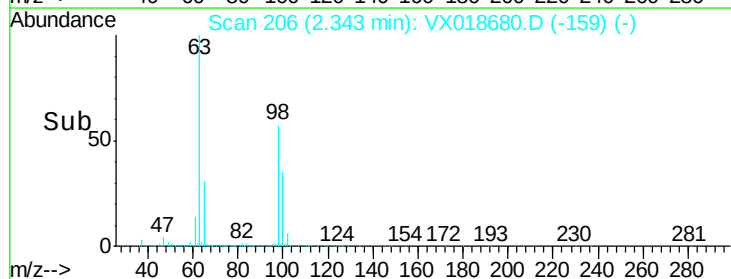
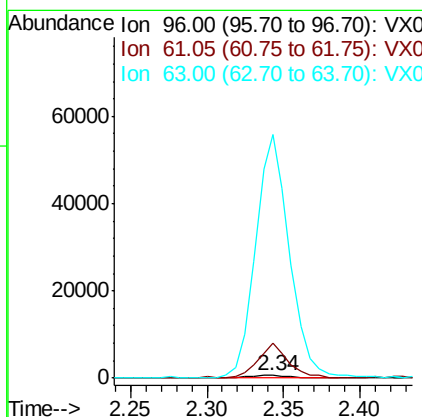
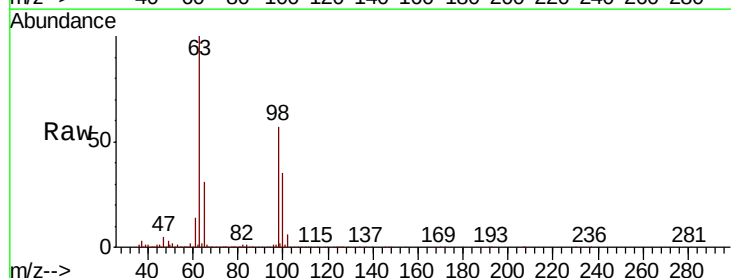
Tgt Ion: 96 Resp: 1127

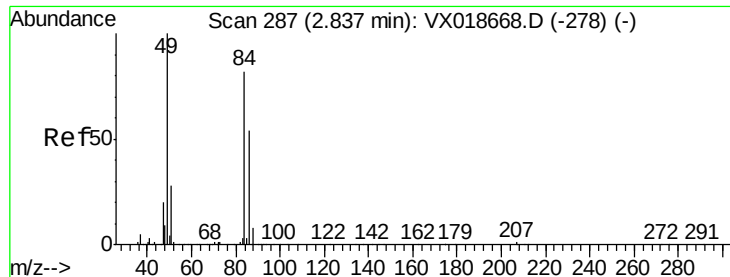
Ion Ratio Lower Upper

96 100

61 1467.2 123.8 229.8#

63 10129.9 104.7 194.4#

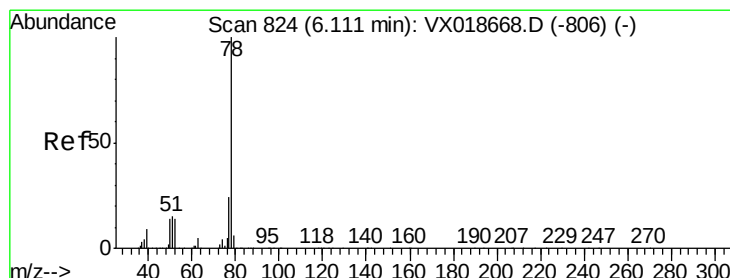
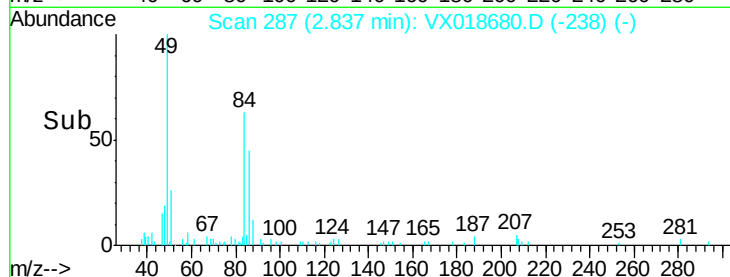
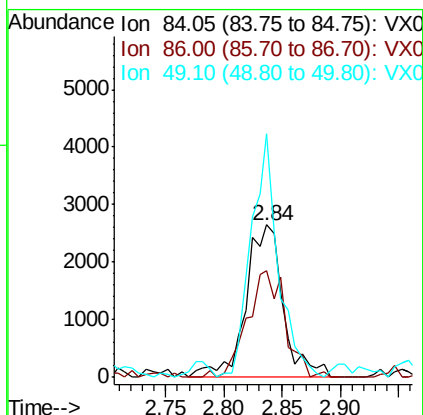
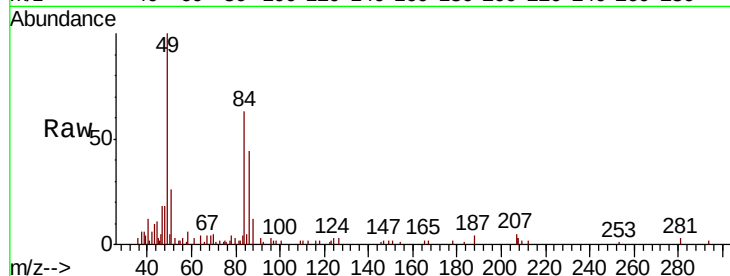




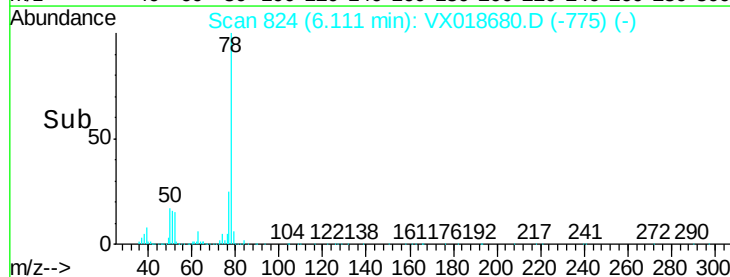
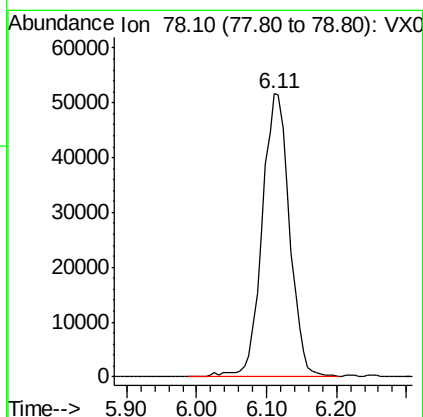
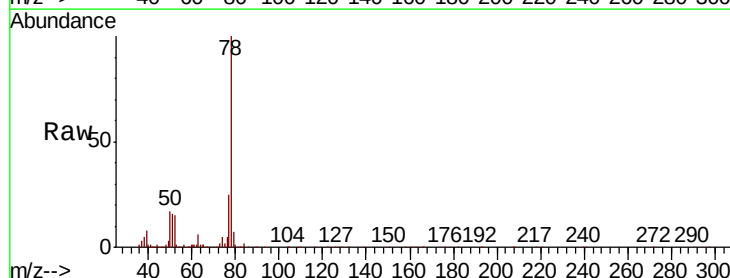
#16
Methvlene chloride
Concen: 0.429 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018680.D
Acq: 30 Sep 2020 01:08

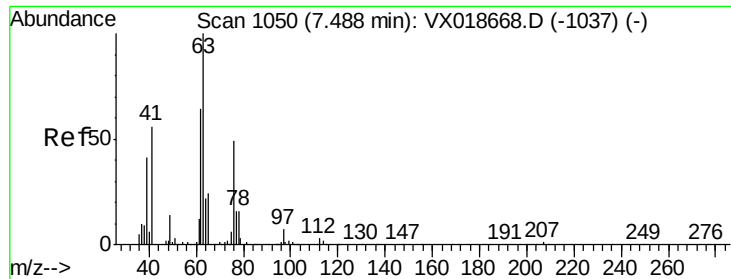
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 84 Resp: 5915
Ion Ratio Lower Upper
84 100
86 70.4 41.9 77.7
49 160.0 80.8 150.2#



#33
Benzene
Concen: 3.627 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018680.D
Acq: 30 Sep 2020 01:08
Tgt Ion: 78 Resp: 140860

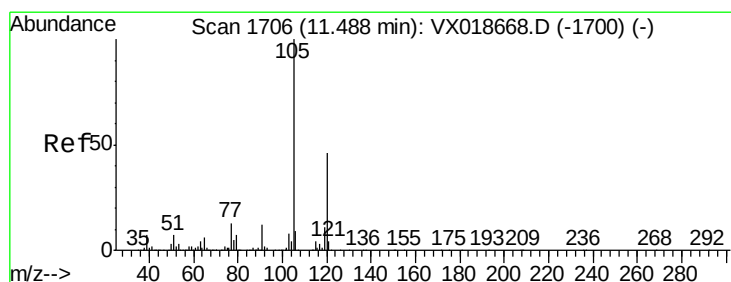
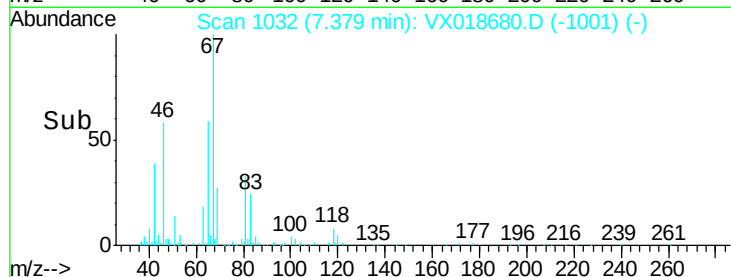
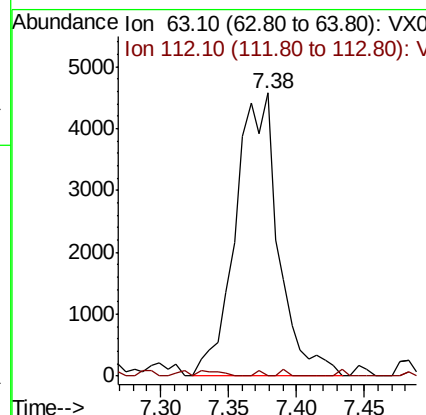
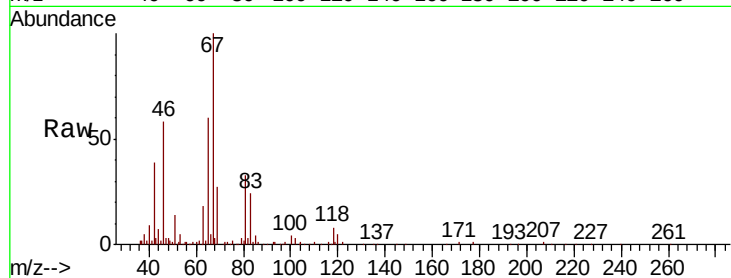




#37
 1,2-Dichloropropane
 Concen: 0.973 ug/L
 RT: 7.38 min Scan# 1032
 Delta R.T. -0.11 min
 Lab File: VX018680.D
 Acq: 30 Sep 2020 01:08

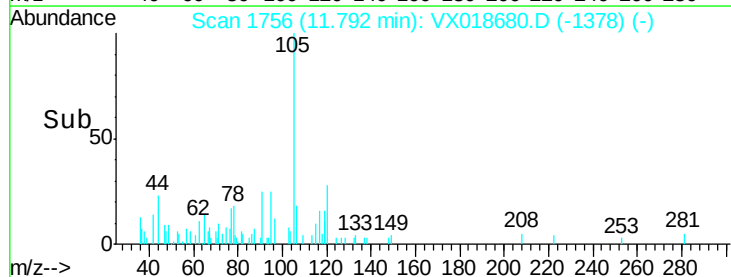
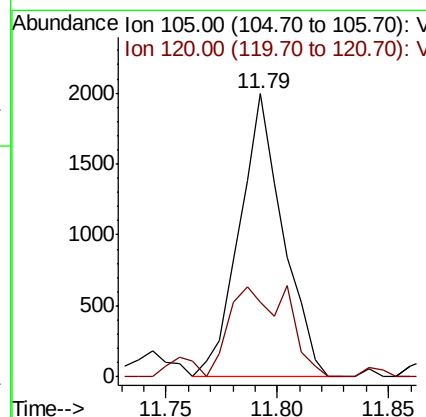
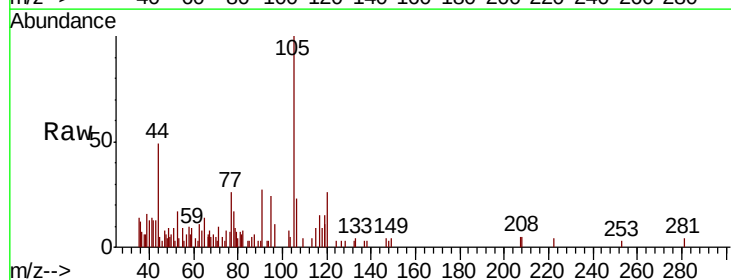
Instrument :
 MSVOA_X
 ClientSampleId :

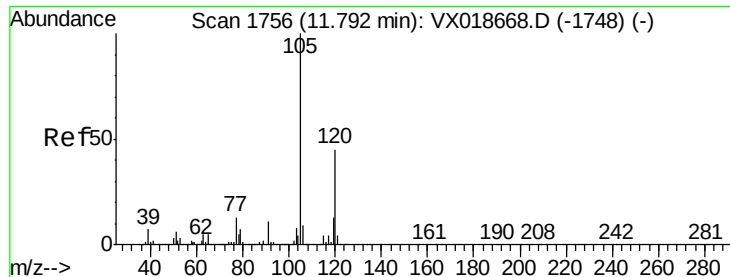
Tot Ion: 63 Resp: 10083
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.1 6.1#



#43
 1,3,5-Trimethylbenzene
 Concen: 0.074 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.30 min
 Lab File: VX018680.D
 Acq: 30 Sep 2020 01:08

Tgt Ion: 105 Resp: 2719
 Ion Ratio Lower Upper
 105 100
 120 42.6 37.2 55.8

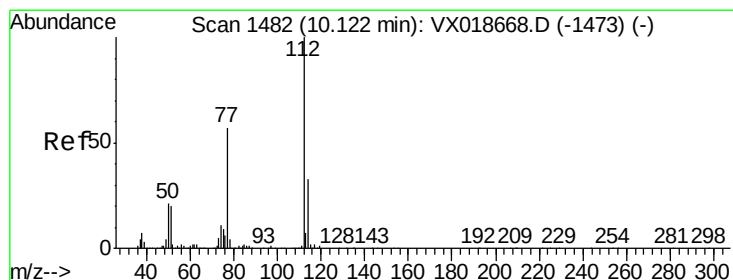
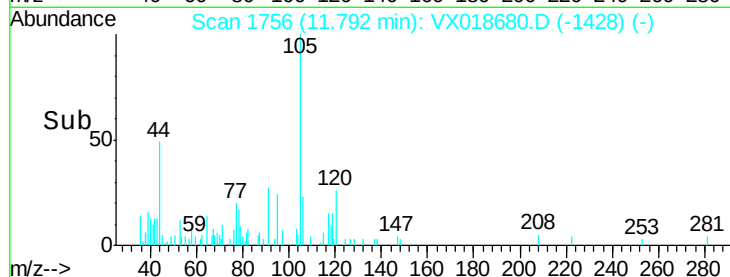
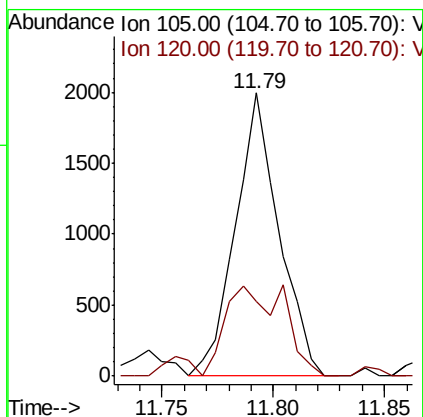
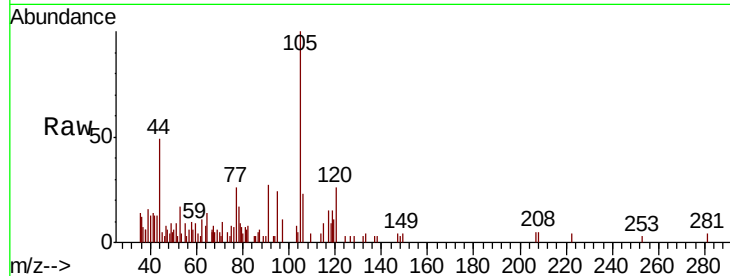




#44
1,2,4-Trimethylbenzene
Concen: 0.074 ug/L
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018680.D
Acq: 30 Sep 2020 01:08

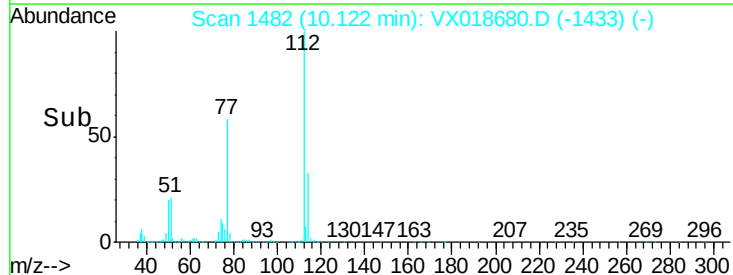
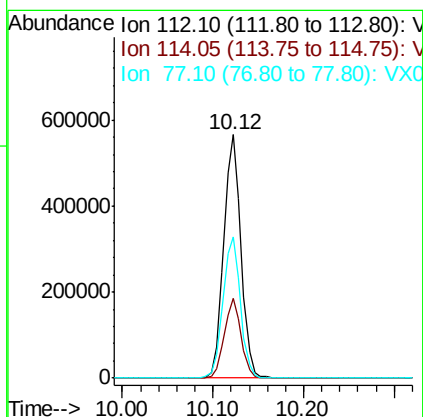
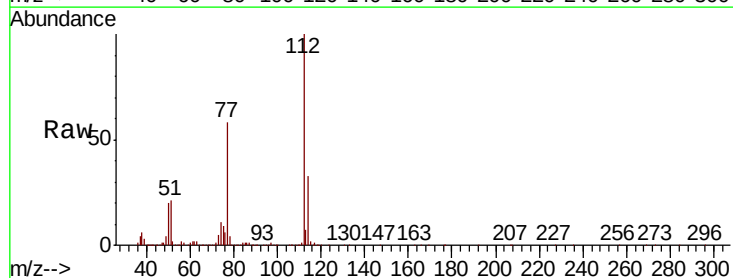
Instrument :
MSVOA_X
ClientSampleId :

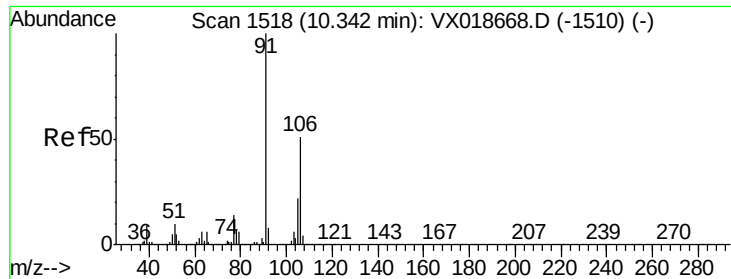
Tot Ion:105 Resp: 2719
Ion Ratio Lower Upper
105 100
120 42.6 36.8 55.2



#53
Chlorobenzene
Concen: 27.263 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018680.D
Acq: 30 Sep 2020 01:08

Tgt Ion:112 Resp: 755399
Ion Ratio Lower Upper
112 100
114 32.9 20.6 38.4
77 58.1 46.6 69.8





#55

m,p-xylene

Concen: 0.130 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018680.D

Acq: 30 Sep 2020 01:08

Instrument :

MSVOA_X

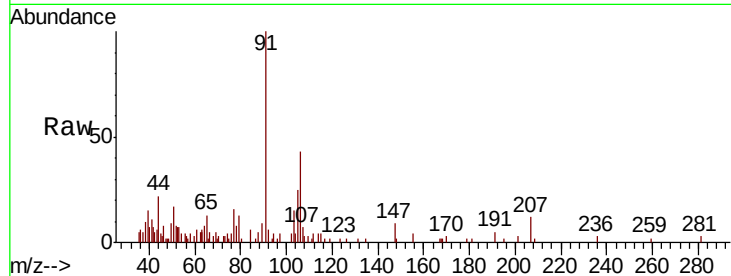
ClientSampled :

Tot Ion:106 Resp: 2265

Ion Ratio Lower Upper

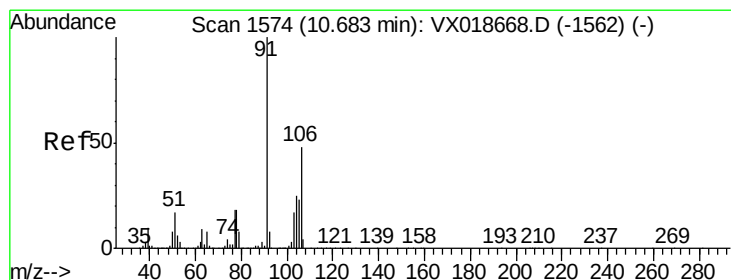
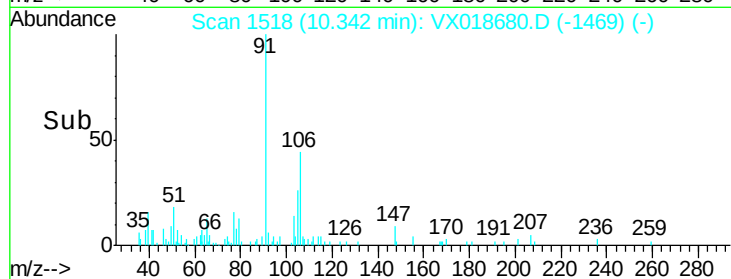
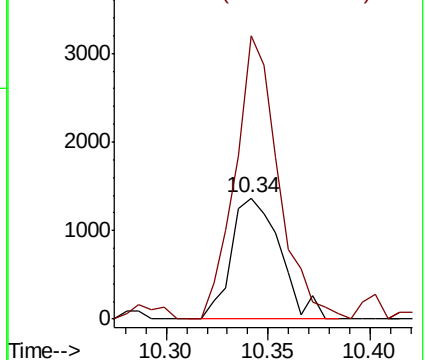
106 100

91 234.1 140.3 260.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#56

o-xylene

Concen: 0.434 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018680.D

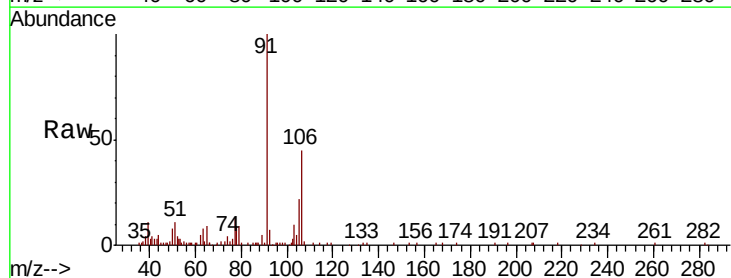
Acq: 30 Sep 2020 01:08

Tgt Ion:106 Resp: 7159

Ion Ratio Lower Upper

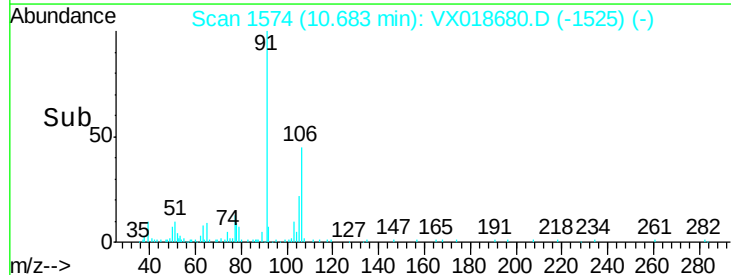
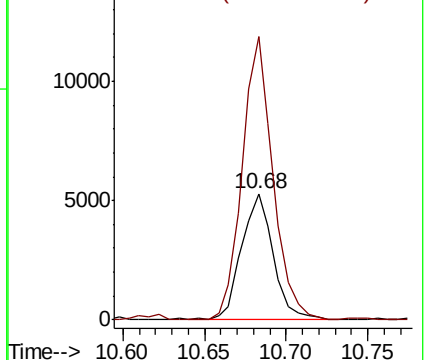
106 100

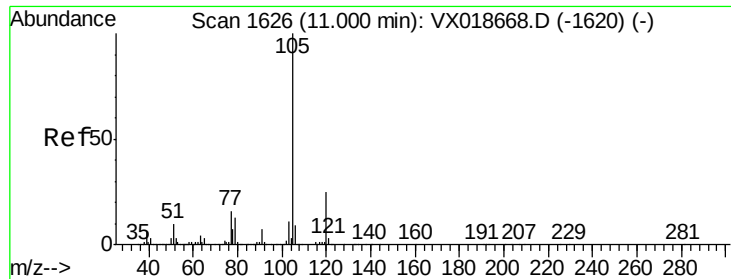
91 224.3 167.5 311.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0





#58

Isopropylbenzene

Concen: 1.035 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018680.D

Acq: 30 Sep 2020 01:08

Instrument :

MSVOA_X

ClientSampleId :

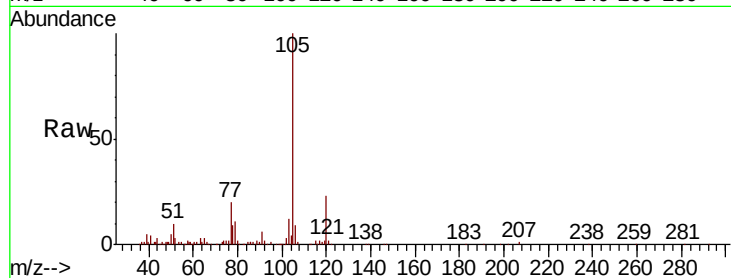
Tot Ion:105 Resp: 45797

Ion Ratio Lower Upper

105 100

120 26.8 21.2 31.8

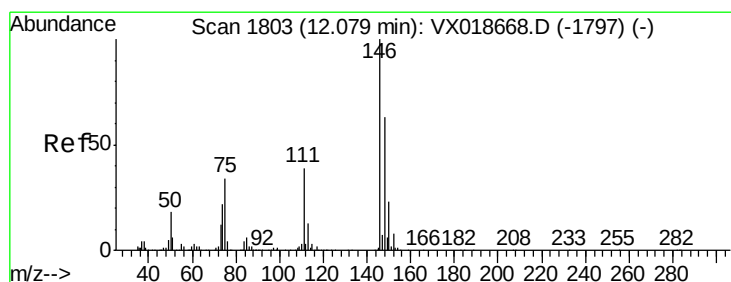
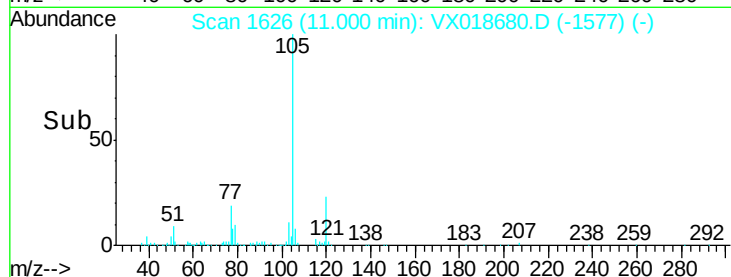
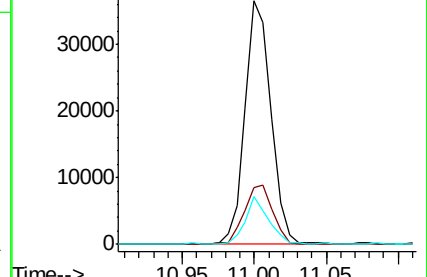
77 18.0 13.3 19.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#64

1,4-Dichlorobenzene

Concen: 0.409 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018680.D

Acq: 30 Sep 2020 01:08

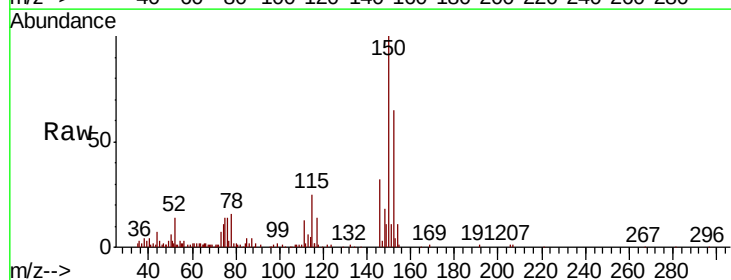
Tgt Ion:146 Resp: 8095

Ion Ratio Lower Upper

146 100

111 39.9 28.8 53.4

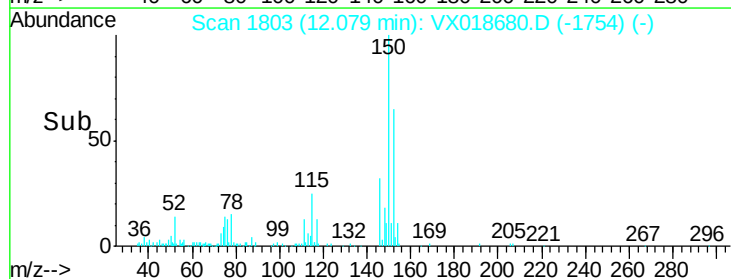
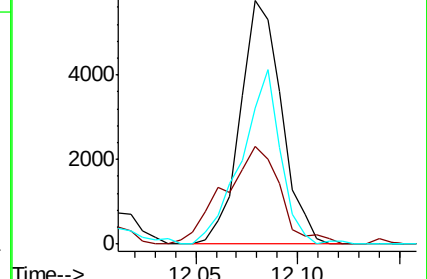
148 56.1 44.9 83.3

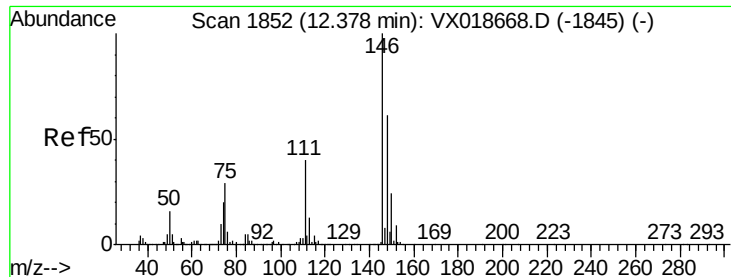


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

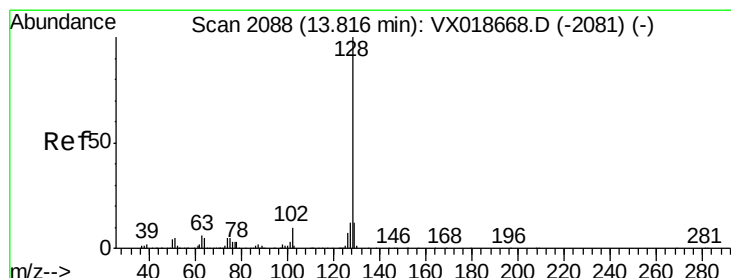
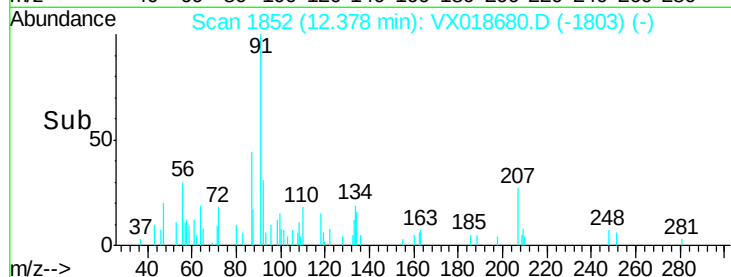
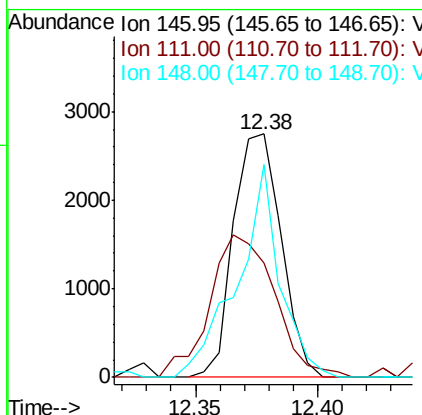
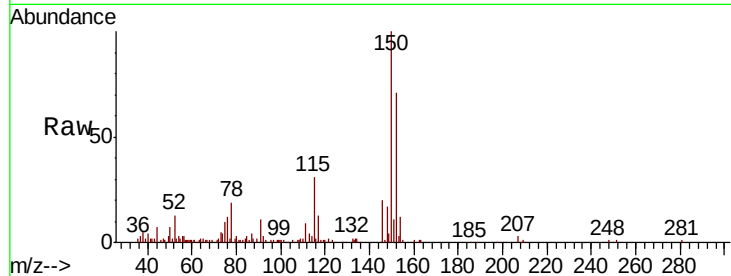




#66
 1,2-Dichlorobenzene
 Concen: 0.205 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018680.D
 Acq: 30 Sep 2020 01:08

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 3741
 Ion Ratio Lower Upper
 146 100
 111 46.7 33.6 50.4
 148 87.4 53.4 80.2#



#70
 Naphthalene
 Concen: 0.078 ug/L
 RT: 13.81 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: VX018680.D
 Acq: 30 Sep 2020 01:08

Tgt Ion:128 Resp: 1592
 Ion Ratio Lower Upper
 128 100
 129 17.3 8.8 13.2#
 127 4.2 10.7 16.1#

