

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100520\
 Data File : VX018769.D
 Acq On : 05 Oct 2020 16:38
 Operator : JC/SP
 Sample : L4239-04DL2 400X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N3DL2

Quant Time: Oct 06 02:51:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 01:36:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	148822	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	140662	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	69136	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	43971	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.70	69	39552	5.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.20%
11) 1,1-Dichloroethene-d2	2.34	63	77568	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	4.56	46	147719	64.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.56%
24) Chloroform-d	5.14	84	108098	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	6.03	65	61463	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	6.05	84	207850	5.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.00%
36) 1,2-Dichloropropane-d6	7.37	67	61521	6.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.80%
41) Toluene-d8	8.70	98	186007	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
45) trans-1,3-Dichloropropene-	8.99	79	28651	5.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.40%
48) 2-Hexanone-d5	9.43	63	119658	65.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.34%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	48270	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	75271	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

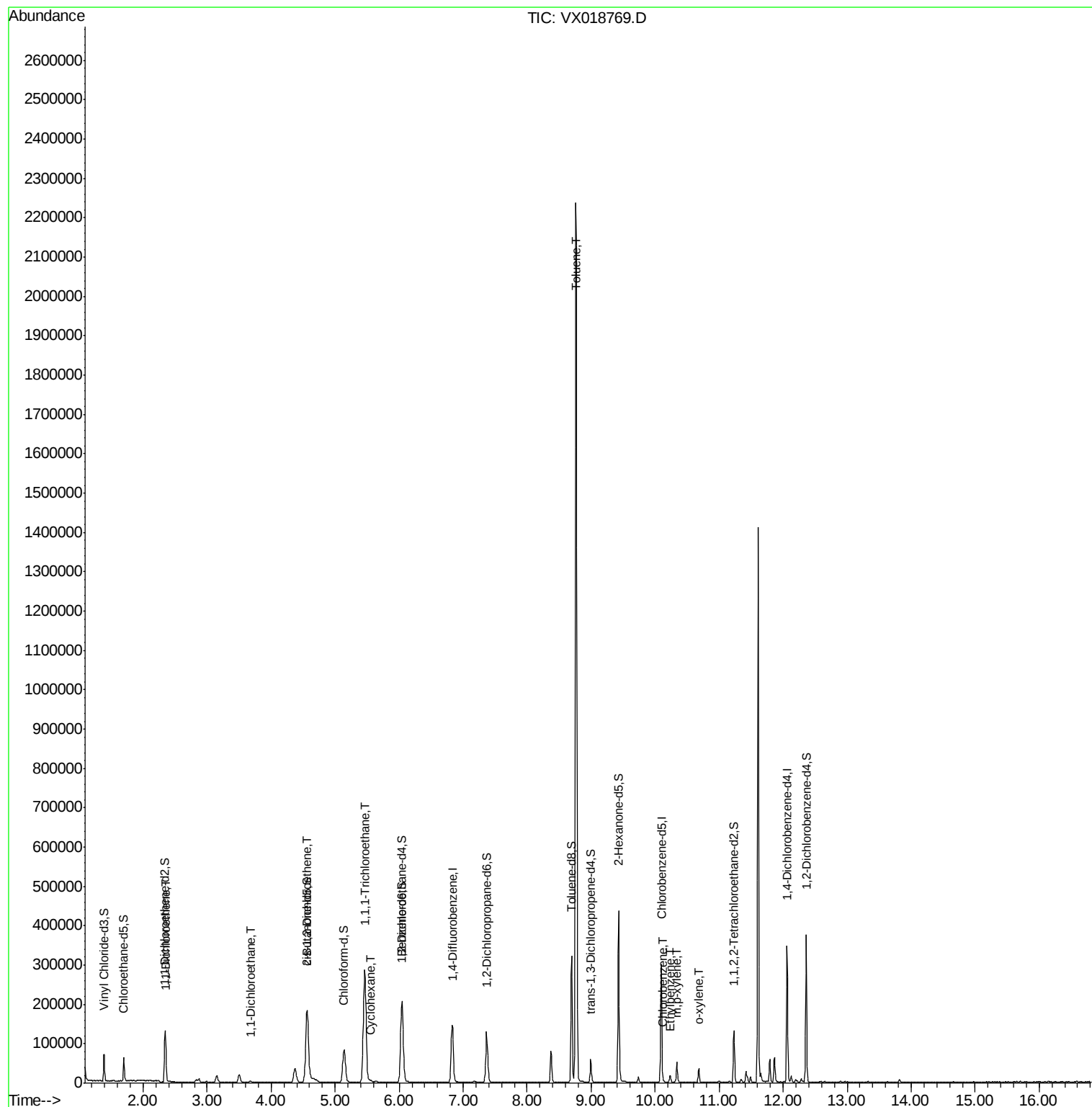
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.36	96	2555	0.345	ug/L #	1
19) 1,1-Dichloroethane	3.67	63	2417	0.171	ug/L	91
22) cis-1,2-Dichloroethene	4.56	96	82281	10.051	ug/L #	100
29) 1,1,1-Trichloroethane	5.46	97	292492	17.577	ug/L	99
30) Cyclohexane	5.56	56	3246	0.281	ug/L	92
42) Toluene	8.76	91	1409949	43.744	ug/L	95
53) Chlorobenzene	10.12	112	1389	0.063	ug/L #	82
54) Ethylbenzene	10.23	91	9509	0.263	ug/L	96
55) m,p-xylene	10.34	106	11223	0.796	ug/L	84
56) o-xylene	10.68	106	7282	0.559	ug/L	91

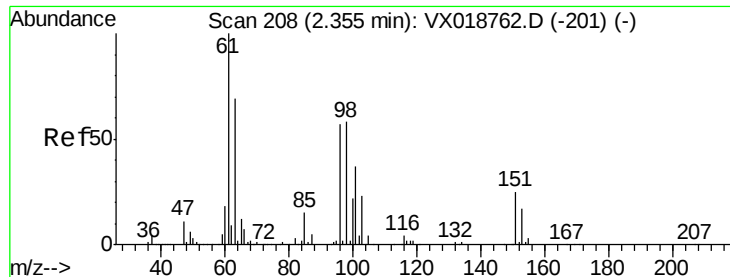
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 01:36:50 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.345 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018769.D

Acq: 05 Oct 2020 16:38

Instrument :

MSVOA_X

ClientSampled :

BG3N3DL2

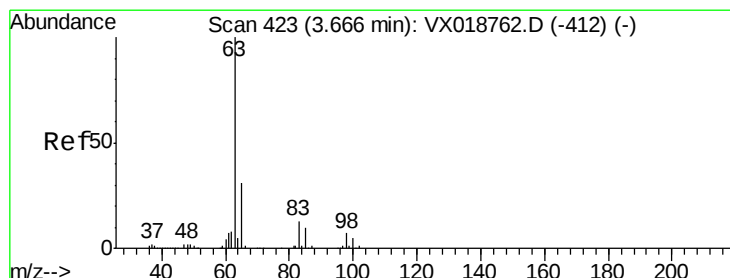
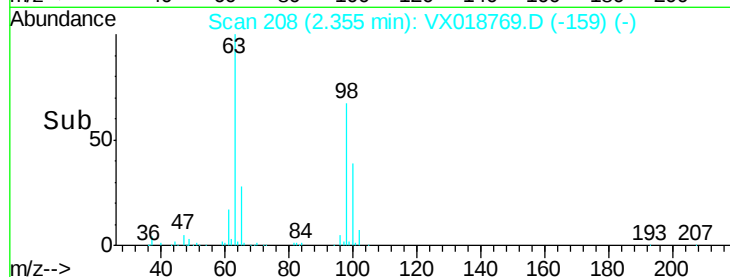
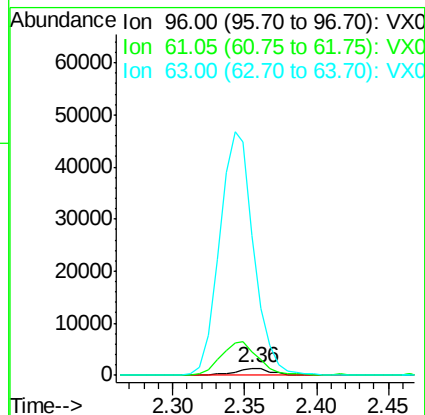
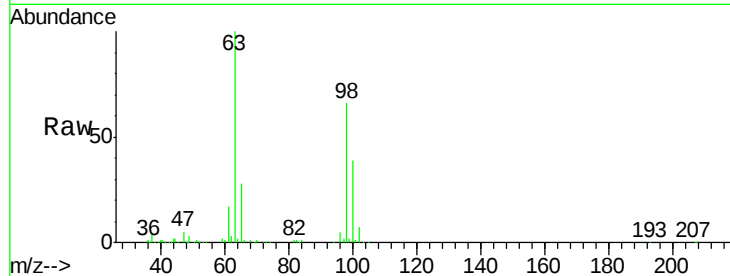
Tot Ion: 96 Resp: 2555

Ion Ratio Lower Upper

96 100

61 328.8 133.2 247.4#

63 1925.7 115.1 213.7#



#19

1,1-Dichloroethane

Concen: 0.171 ug/L

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX018769.D

Acq: 05 Oct 2020 16:38

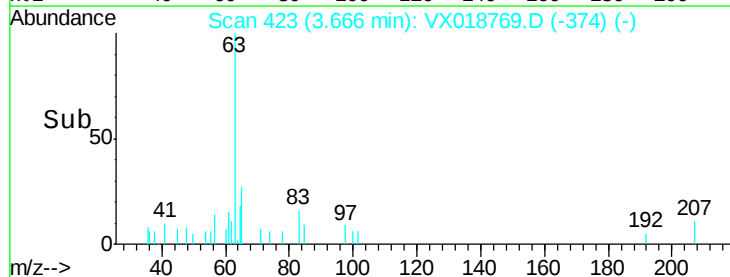
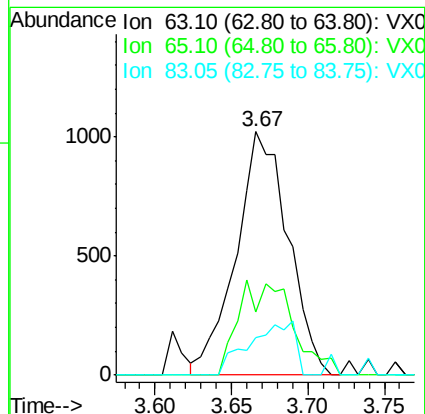
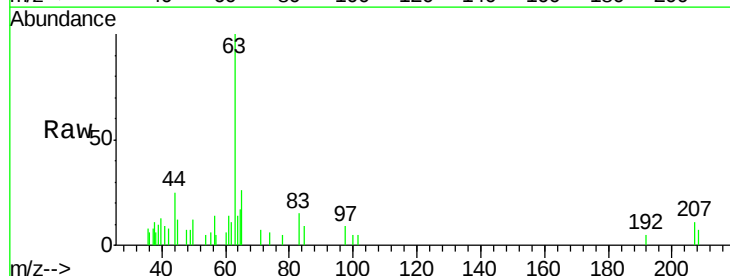
Tgt Ion: 63 Resp: 2417

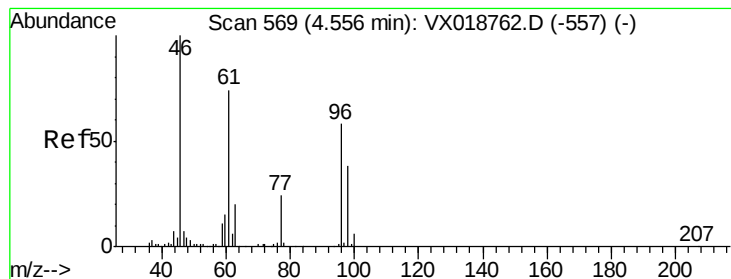
Ion Ratio Lower Upper

63 100

65 25.7 21.6 40.2

83 15.5 8.7 16.1



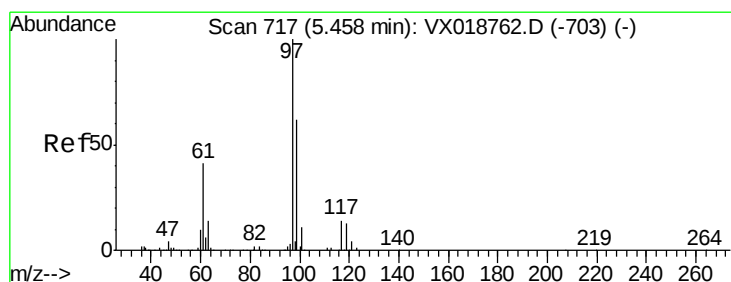
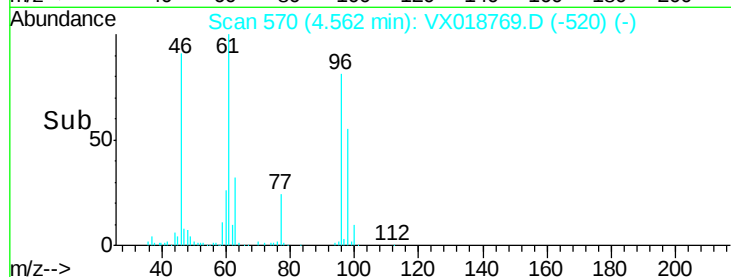
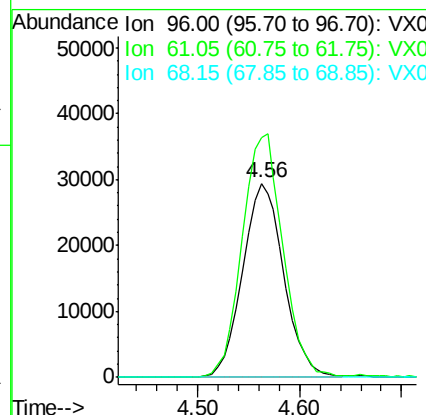
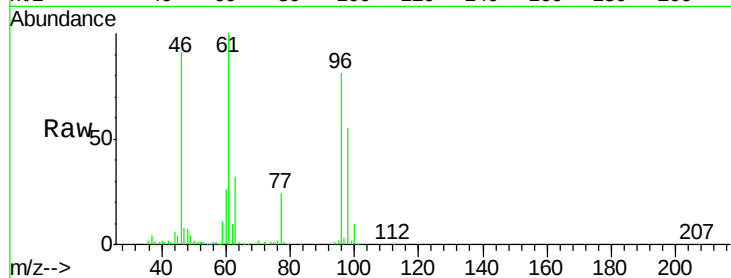


#22

cis-1,2-Dichloroethene
 Concen: 10.051 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VX018769.D
 Acq: 05 Oct 2020 16:38

Instrument :
 MSVOA_X
 ClientSampleID :
 BG3N3DL2

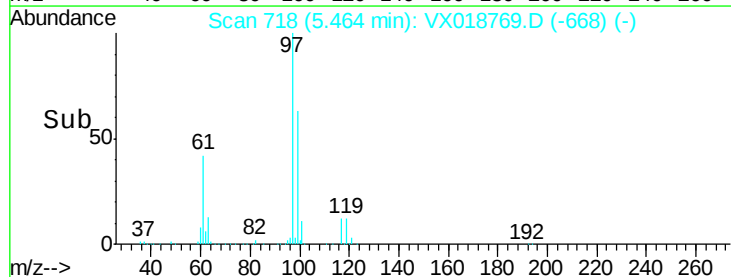
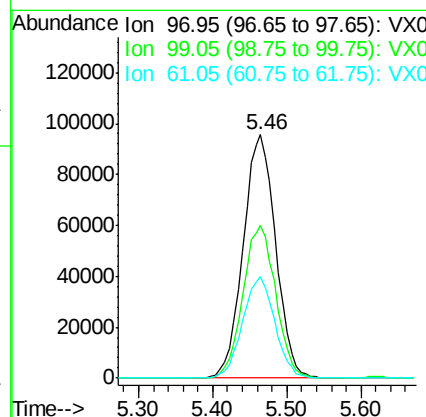
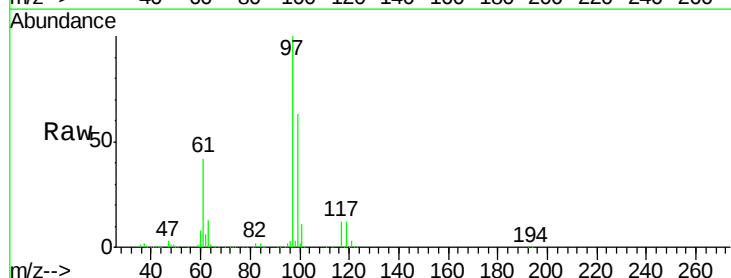
Tot Ion: 96 Resp: 82281
 Ion Ratio Lower Upper
 96 100
 61 123.2 86.2 160.0
 68 0.0 0.3 0.7#

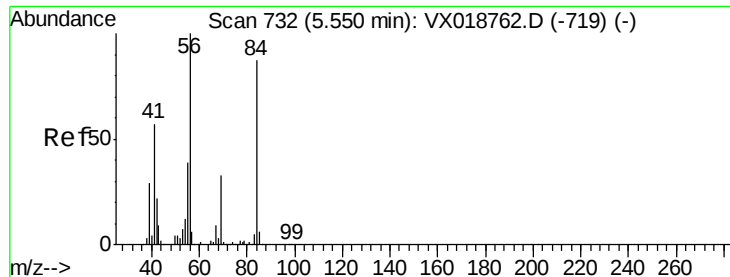


#29

1,1,1-Trichloroethane
 Concen: 17.577 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX018769.D
 Acq: 05 Oct 2020 16:38

Tgt Ion: 97 Resp: 292492
 Ion Ratio Lower Upper
 97 100
 99 63.4 51.3 76.9
 61 41.5 33.3 49.9

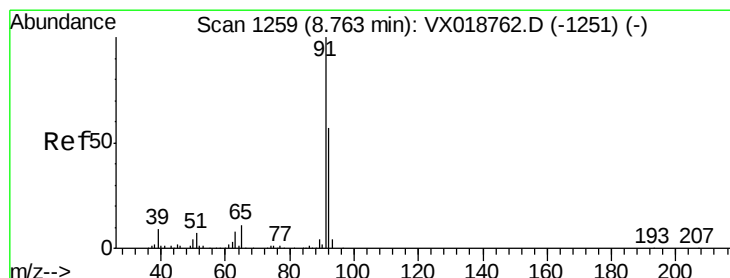
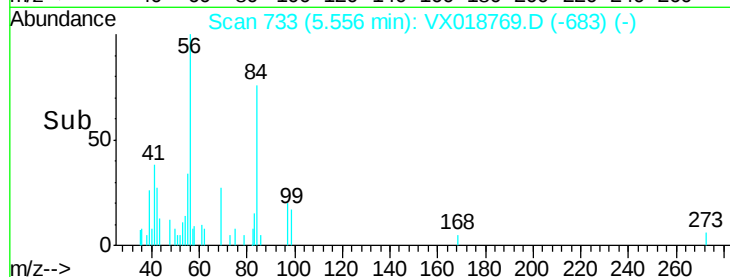
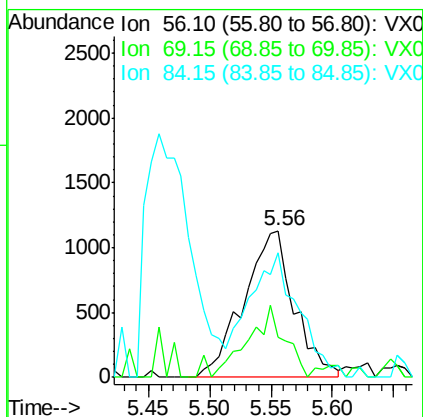
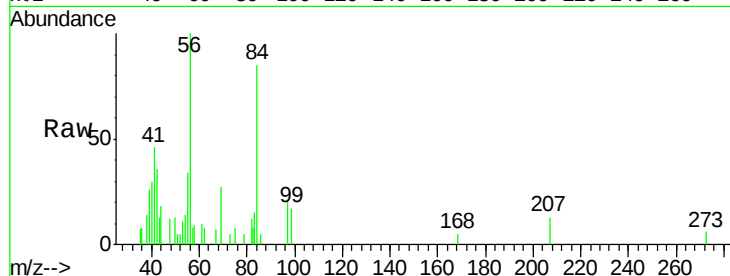




#30
Cyclohexane
Concen: 0.281 ug/L
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX018769.D
Acq: 05 Oct 2020 16:38

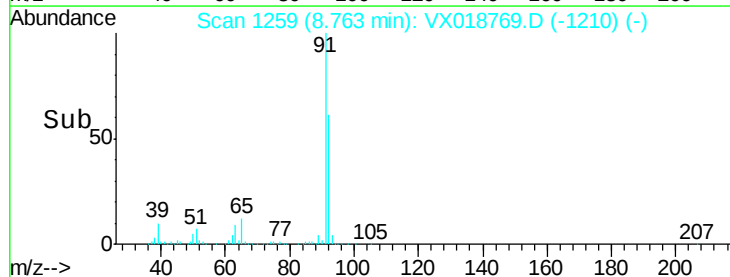
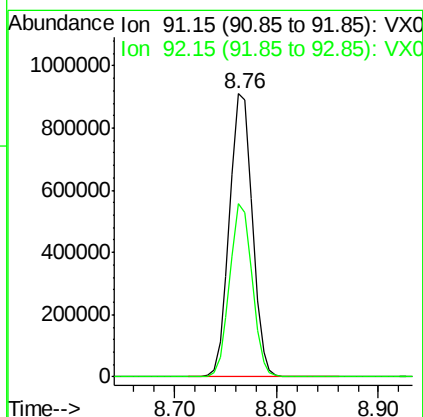
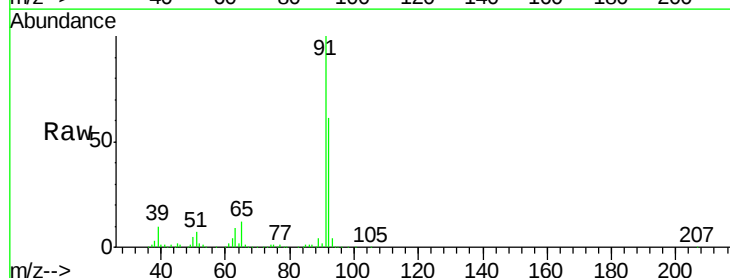
Instrument :
MSVOA_X
ClientSampleId :
BG3N3DL2

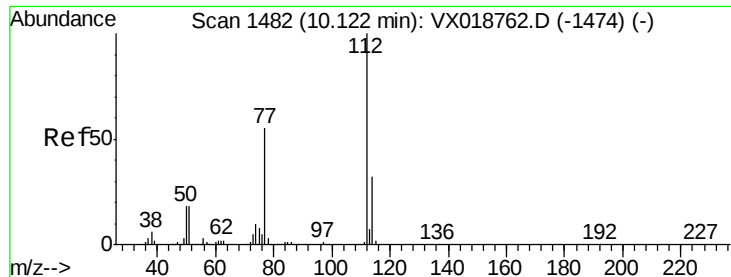
Tot Ion: 56 Resp: 3246
Ion Ratio Lower Upper
56 100
69 35.4 26.0 39.0
84 83.5 73.8 110.6



#42
Toluene
Concen: 43.744 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX018769.D
Acq: 05 Oct 2020 16:38

Tgt Ion: 91 Resp: 1409949
Ion Ratio Lower Upper
91 100
92 61.1 40.3 74.9





#53

Chlorobenzene

Concen: 0.063 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018769.D

Acq: 05 Oct 2020 16:38

Instrument :

MSVOA_X

ClientSampled :

BG3N3DL2

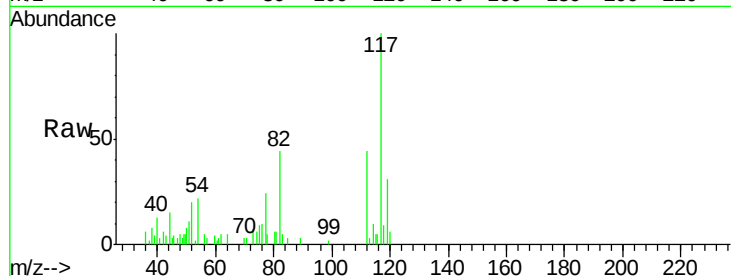
Tot Ion:112 Resp: 1389

Ion Ratio Lower Upper

112 100

114 22.4 21.3 39.5

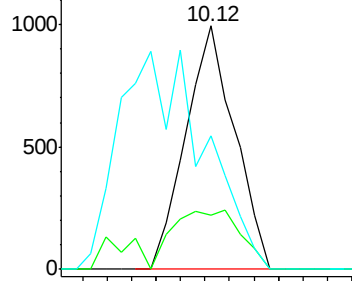
77 66.6 42.4 63.6#



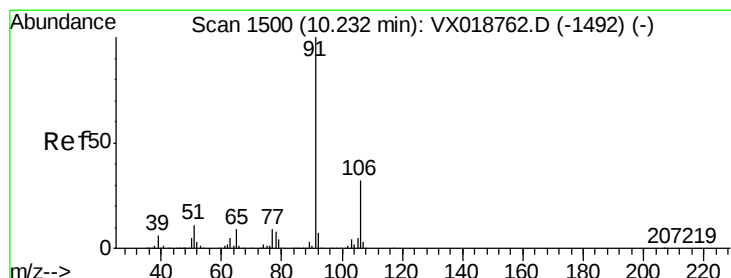
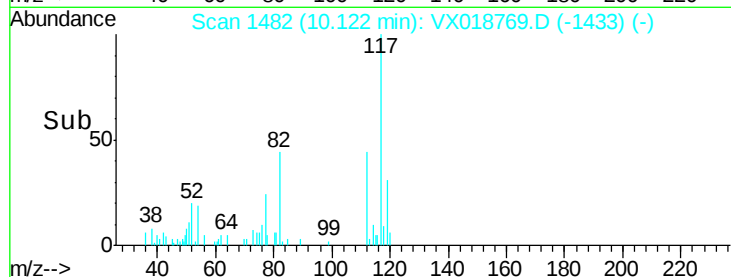
Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0



Time-->



#54

Ethylbenzene

Concen: 0.263 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018769.D

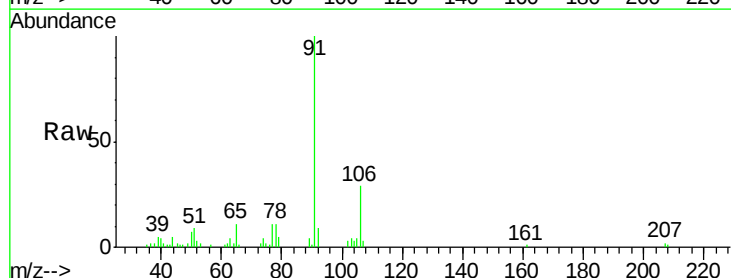
Acq: 05 Oct 2020 16:38

Tgt Ion: 91 Resp: 9509

Ion Ratio Lower Upper

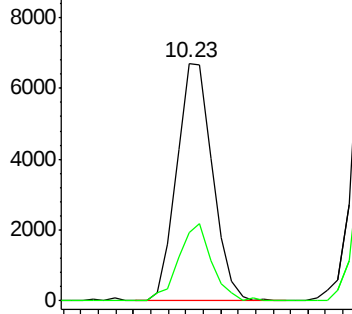
91 100

106 28.7 21.5 39.9

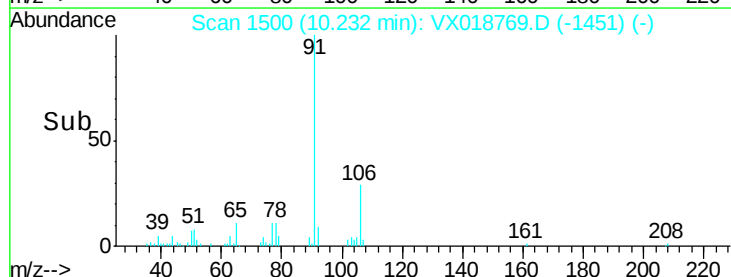


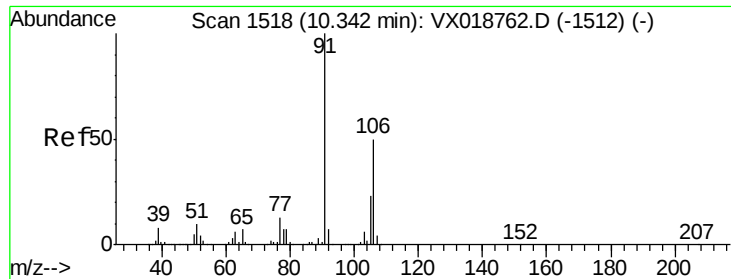
Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V



Time-->

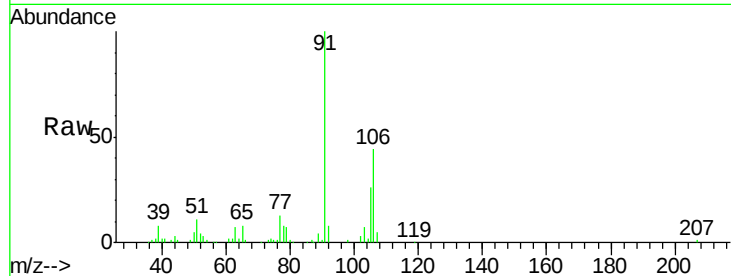




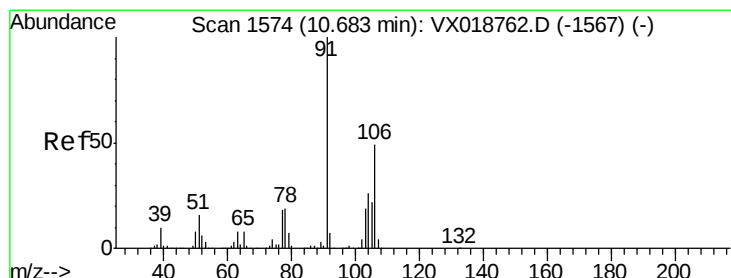
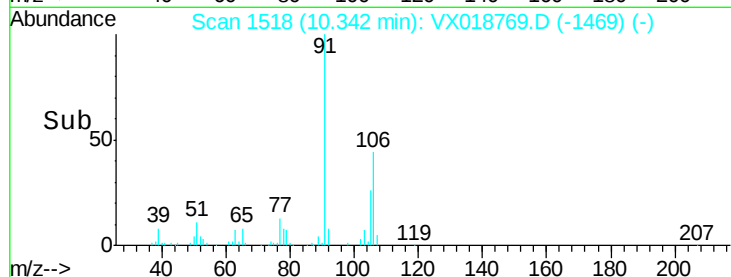
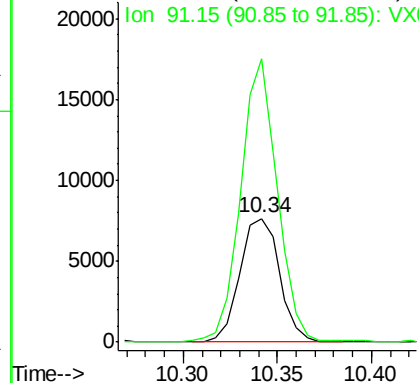
#55
m,p-xylene
Concen: 0.796 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018769.D
Acq: 05 Oct 2020 16:38

Instrument :
MSVOA_X
ClientSampleId :
BG3N3DL2

Tot Ion:106 Resp: 11223
Ion Ratio Lower Upper
106 100
91 228.8 143.4 266.2

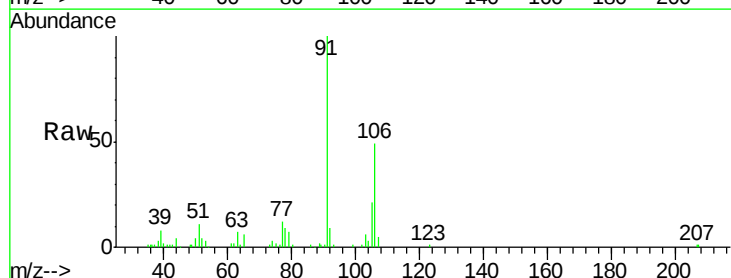


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VX0



#56
o-xylene
Concen: 0.559 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018769.D
Acq: 05 Oct 2020 16:38

Tgt Ion:106 Resp: 7282
Ion Ratio Lower Upper
106 100
91 204.9 153.4 284.8



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VX0

