

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX093020\
 Data File : VX018716.D
 Acq On : 30 Sep 2020 22:51
 Operator : JC/SP
 Sample : L4171-10
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3Q0

Quant Time: Oct 01 05:47:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	207897	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	207250	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	98131	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	32241	2.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.20%
7) Chloroethane-d5	1.70	69	32014	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.80%
11) 1,1-Dichloroethene-d2	2.34	63	64829	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	4.54	46	138983	50.10	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.20%
24) Chloroform-d	5.14	84	107936	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	6.03	65	62400	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	6.05	84	182162	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.20%
36) 1,2-Dichloropropane-d6	7.37	67	60642	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.20%
41) Toluene-d8	8.70	98	158387	3.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.60%#
45) trans-1,3-Dichloropropene-	8.99	79	24935	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
48) 2-Hexanone-d5	9.43	63	107626	46.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.72%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	48912	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	70553	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

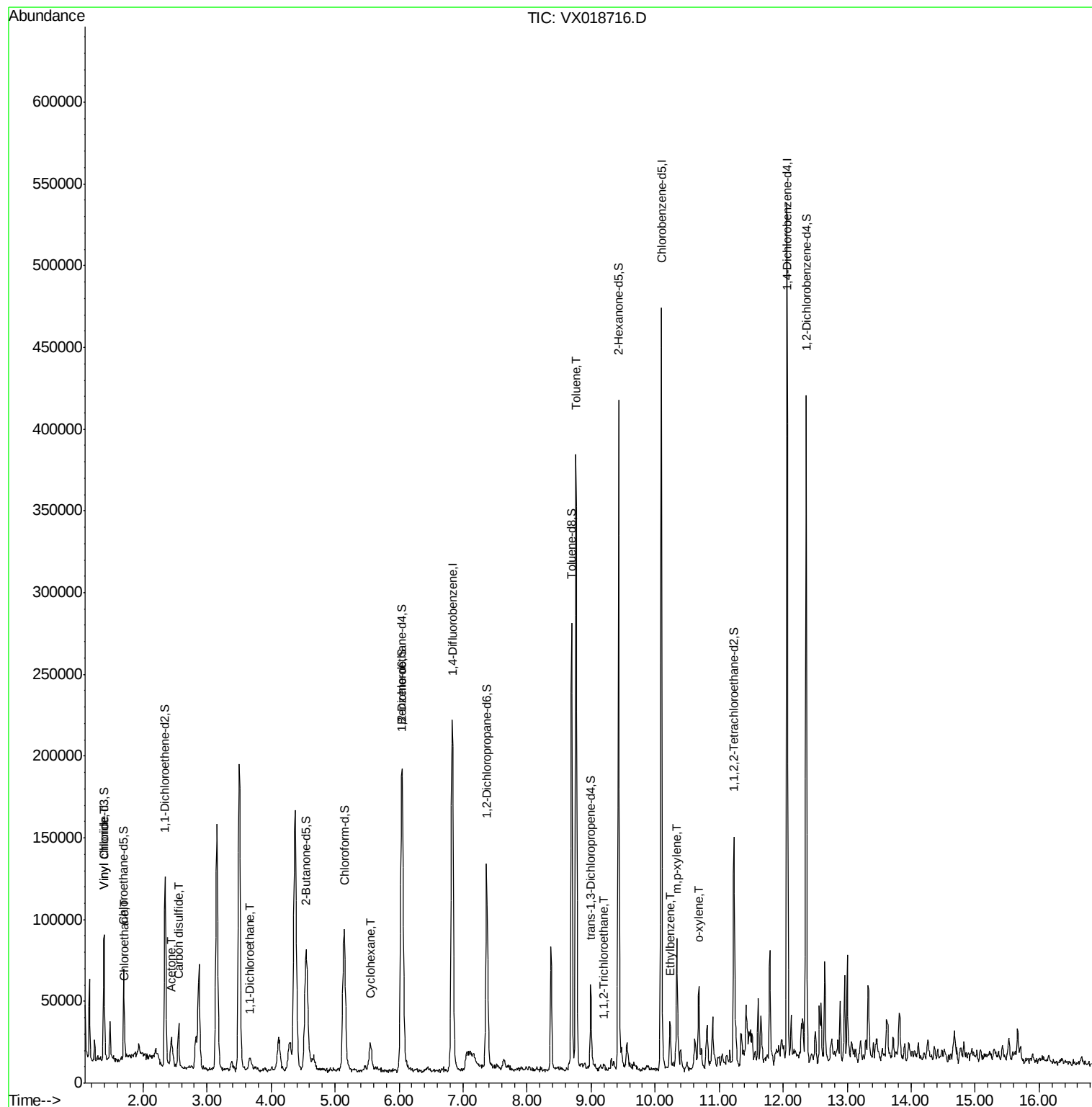
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.39	62	11221	0.997	ug/L	96
8) Chloroethane	1.72	64	2398	0.387	ug/L #	73
13) Acetone	2.44	43	31001	20.190	ug/L	99
14) Carbon disulfide	2.56	76	35513	1.151	ug/L	98
19) 1,1-Dichloroethane	3.67	63	8444	0.464	ug/L	99
30) Cyclohexane	5.55	56	11268	0.718	ug/L #	82
42) Toluene	8.76	91	236190	5.472	ug/L	96
47) 1,1,2-Trichloroethane	9.19	97	750	0.098	ug/L #	71
54) Ethylbenzene	10.23	91	14463	0.308	ug/L	99
55) m,p-xylene	10.34	106	17726	0.986	ug/L	90
56) o-xylene	10.68	106	10625	0.626	ug/L	79

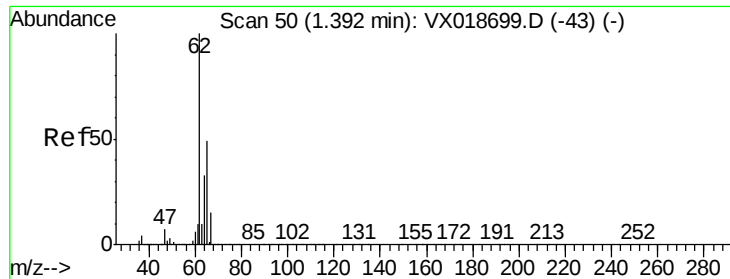
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.997 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018716.D

Acq: 30 Sep 2020 22:51

Instrument :

MSVOA_X

ClientSampled :

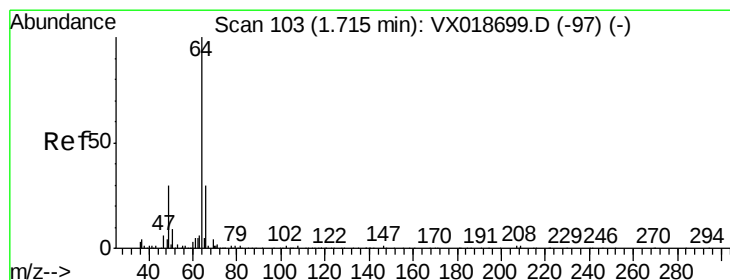
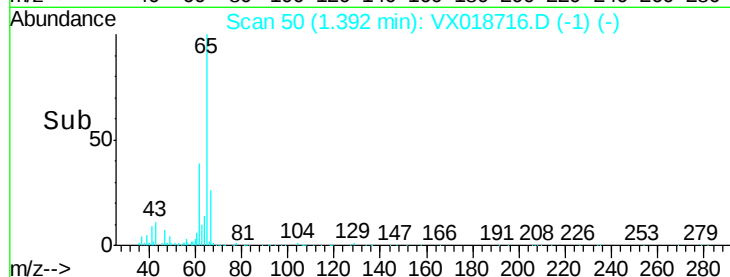
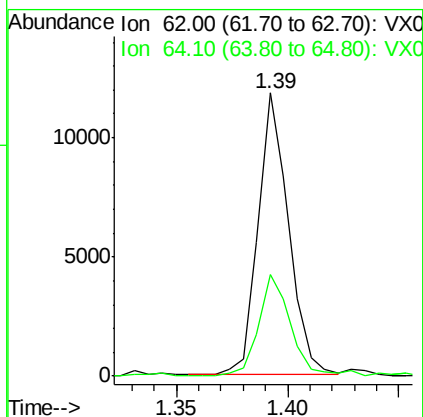
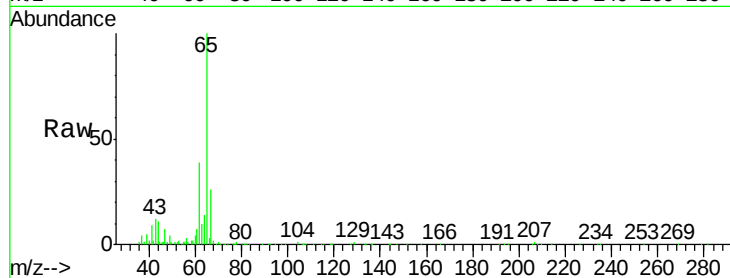
BG3Q0

Tot Ion: 62 Resp: 11221

Ion Ratio Lower Upper

62 100

64 35.9 23.6 43.8



#8

Chloroethane

Concen: 0.387 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018716.D

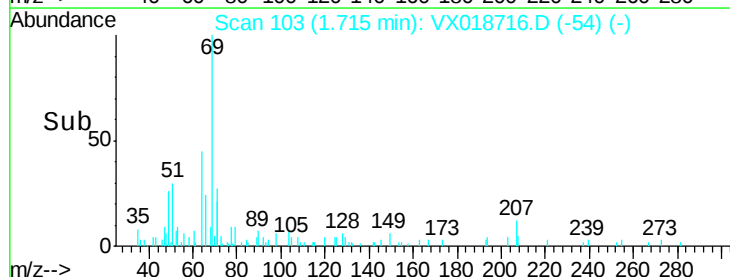
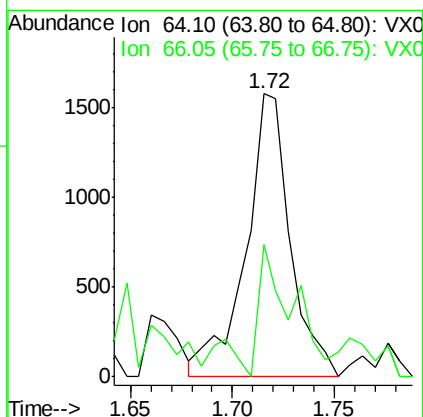
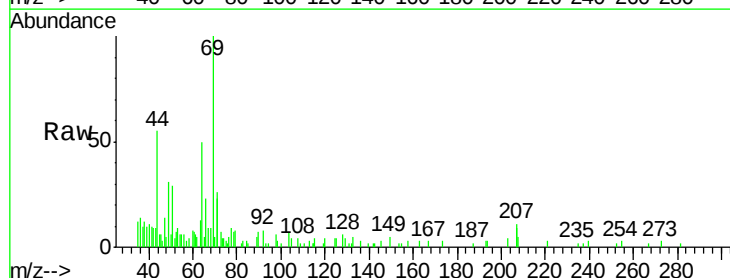
Acq: 30 Sep 2020 22:51

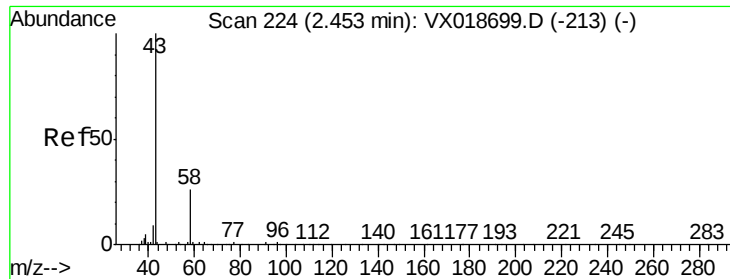
Tgt Ion: 64 Resp: 2398

Ion Ratio Lower Upper

64 100

66 46.6 22.3 41.3#





#13

Acetone

Concen: 20.190 ug/L

RT: 2.44 min Scan# 222

Delta R.T. -0.02 min

Lab File: VX018716.D

Acq: 30 Sep 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

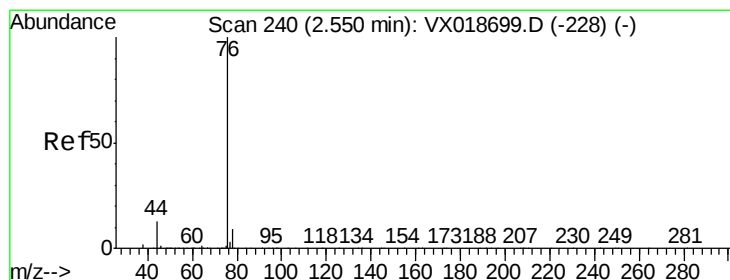
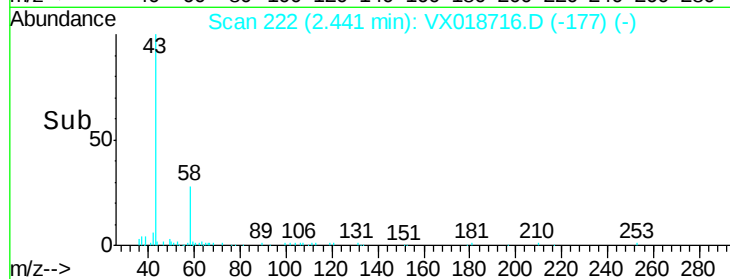
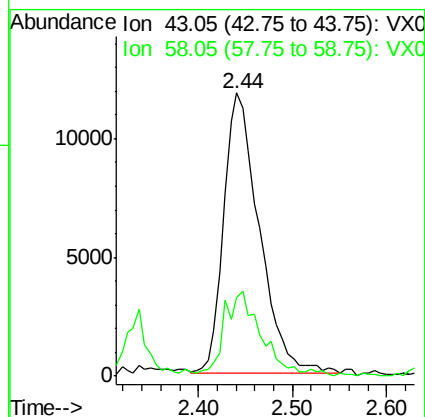
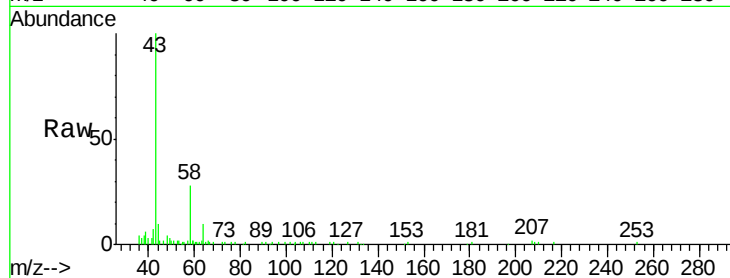
BG3Q0

Tot Ion: 43 Resp: 31001

Ion Ratio Lower Upper

43 100

58 31.3 0.0 61.6



#14

Carbon disulfide

Concen: 1.151 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018716.D

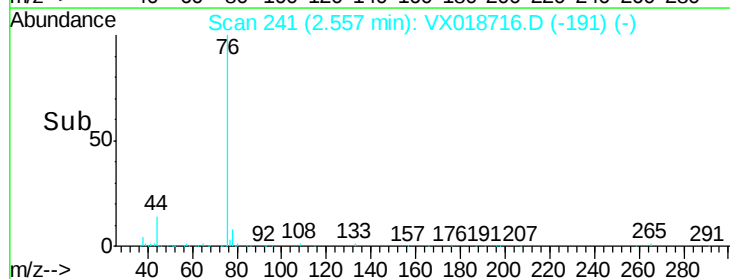
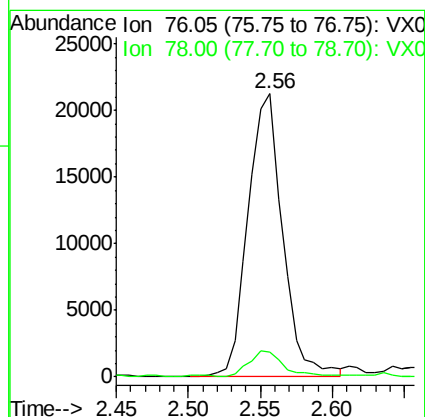
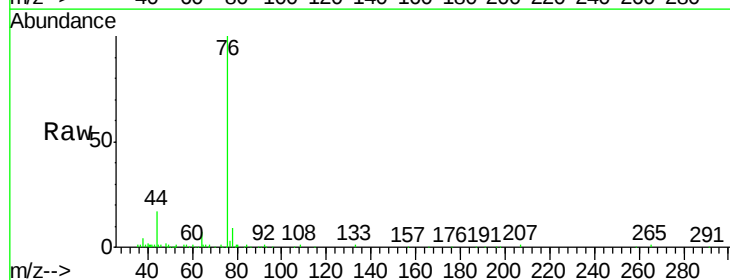
Acq: 30 Sep 2020 22:51

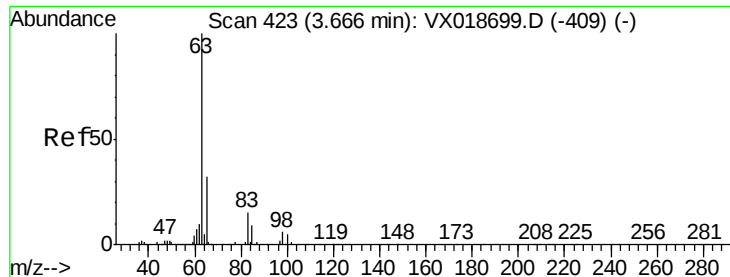
Tgt Ion: 76 Resp: 35513

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0





#19

1,1-Dichloroethane

Concen: 0.464 ug/L

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX018716.D

Acq: 30 Sep 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

BG3Q0

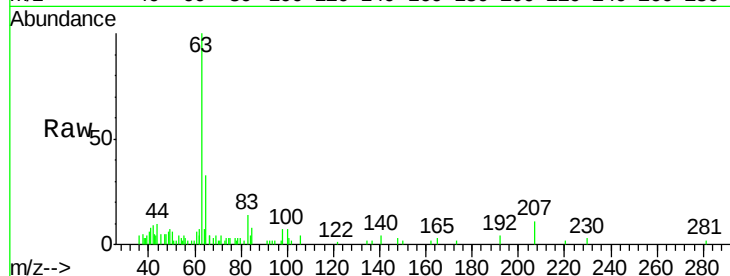
Tot Ion: 63 Resp: 8444

Ion Ratio Lower Upper

63 100

65 33.1 22.7 42.1

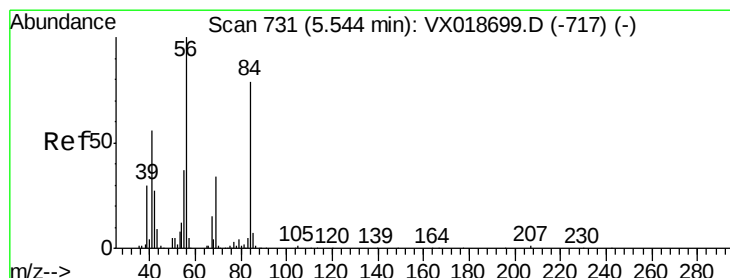
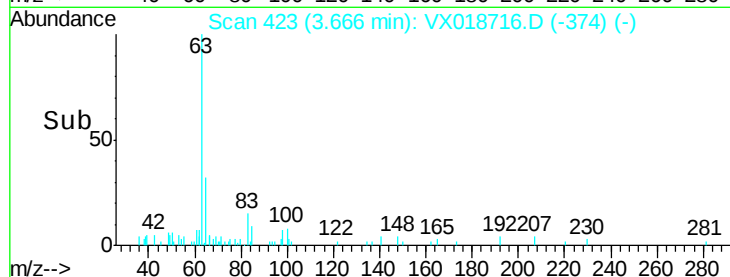
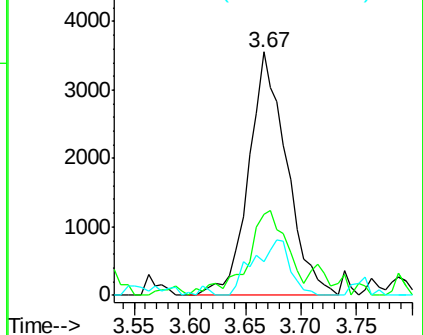
83 14.0 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 65.10 (64.80 to 65.80): VX0

Ion 83.05 (82.75 to 83.75): VX0



#30

Cyclohexane

Concen: 0.718 ug/L

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX018716.D

Acq: 30 Sep 2020 22:51

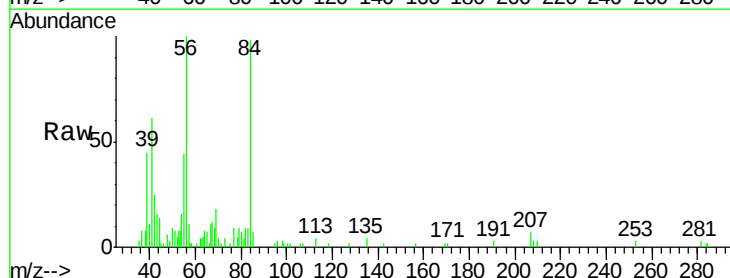
Tgt Ion: 56 Resp: 11268

Ion Ratio Lower Upper

56 100

69 17.0 26.4 39.6#

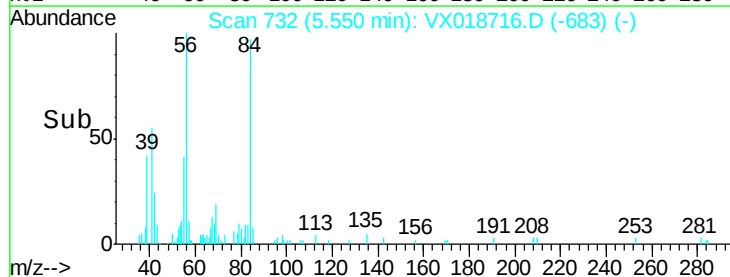
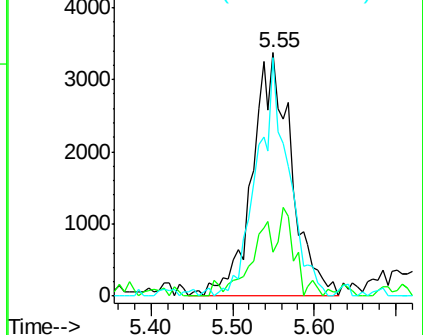
84 77.7 72.7 109.1

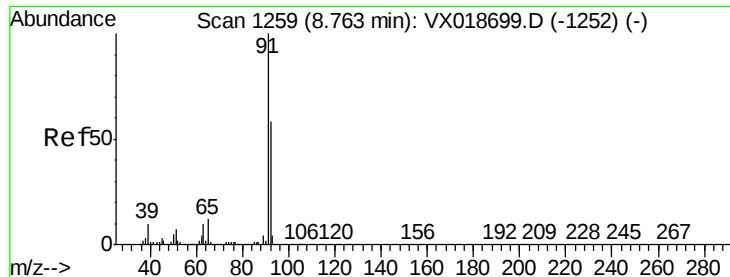


Abundance Ion 56.10 (55.80 to 56.80): VX0

Ion 69.15 (68.85 to 69.85): VX0

Ion 84.15 (83.85 to 84.85): VX0





#42

Toluene

Concen: 5.472 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018716.D

Acq: 30 Sep 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

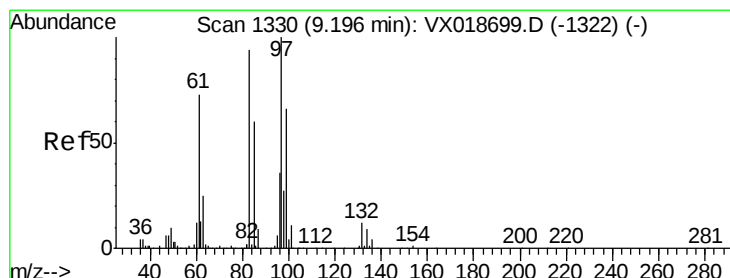
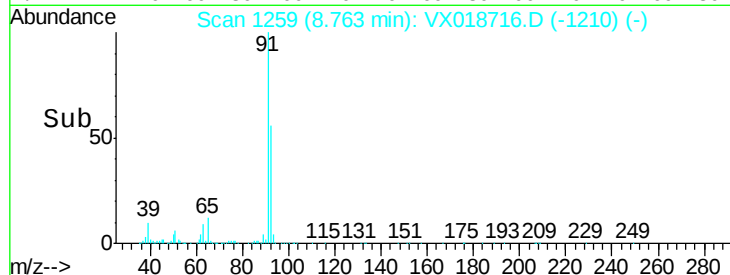
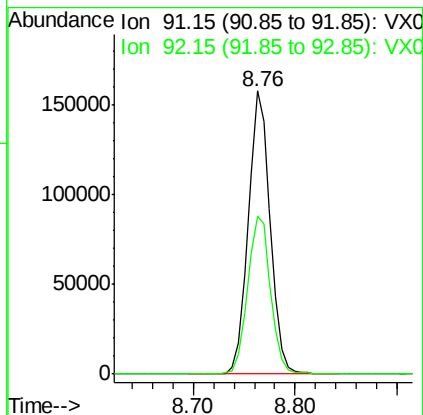
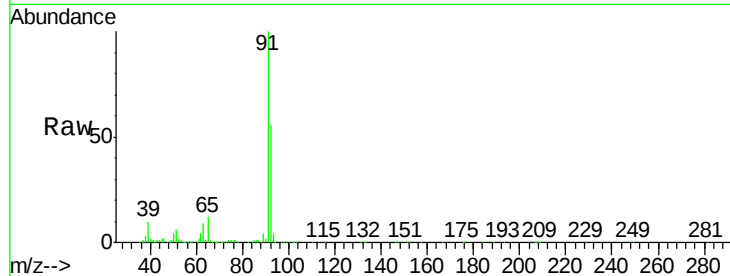
BG3Q0

Tot Ion: 91 Resp: 236190

Ion Ratio Lower Upper

91 100

92 55.6 41.1 76.3



#47

1,1,2-Trichloroethane

Concen: 0.098 ug/L

RT: 9.19 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VX018716.D

Acq: 30 Sep 2020 22:51

Tgt Ion: 97 Resp: 750

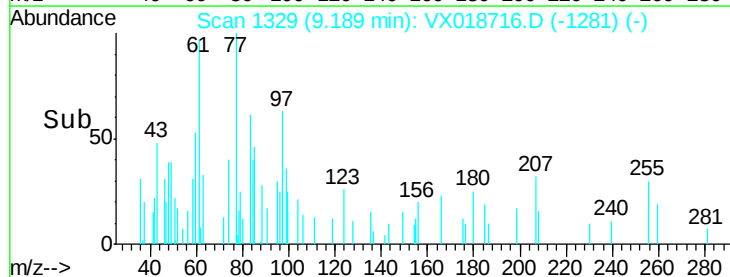
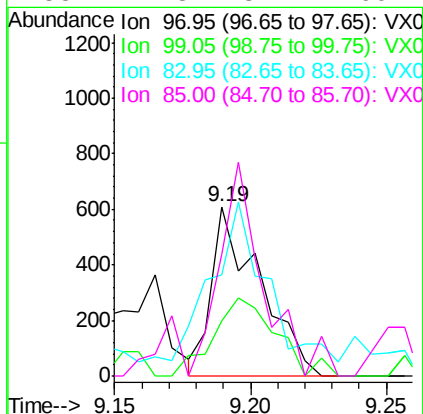
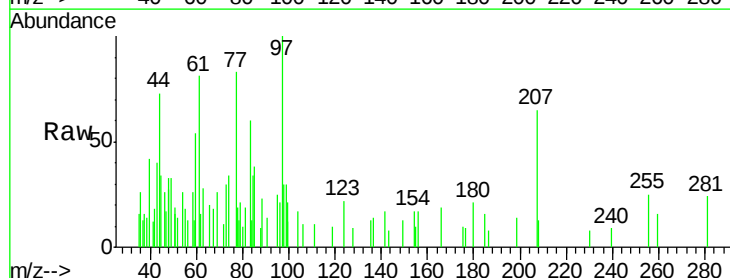
Ion Ratio Lower Upper

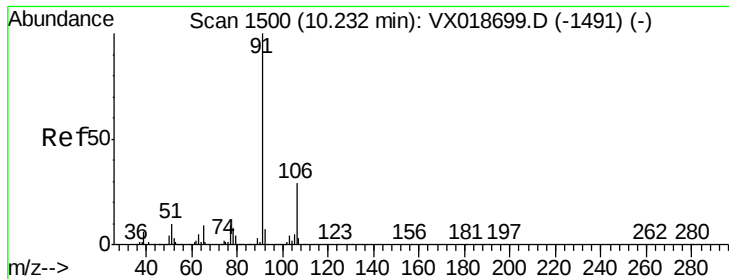
97 100

99 32.8 38.9 72.2#

83 60.1 61.9 114.9#

85 71.8 37.2 69.2#





#54

Ethylbenzene

Concen: 0.308 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018716.D

Acq: 30 Sep 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

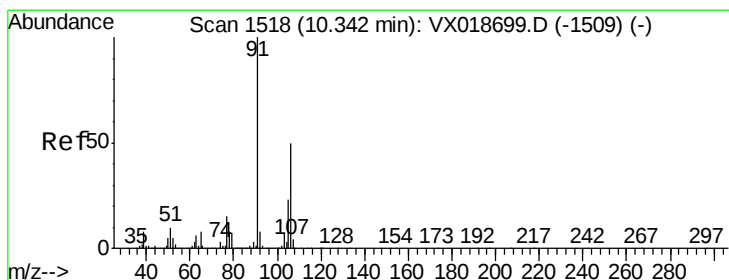
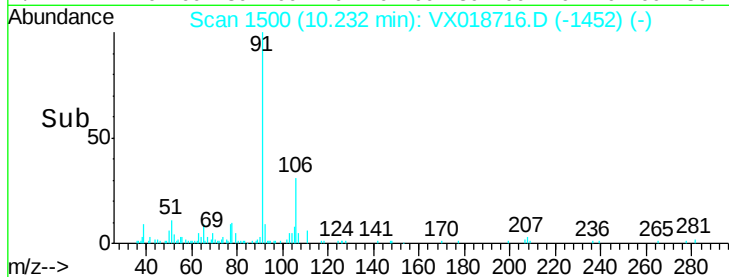
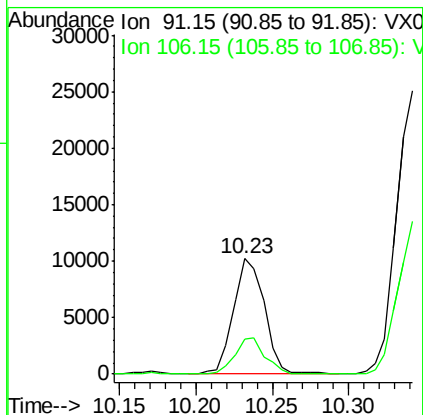
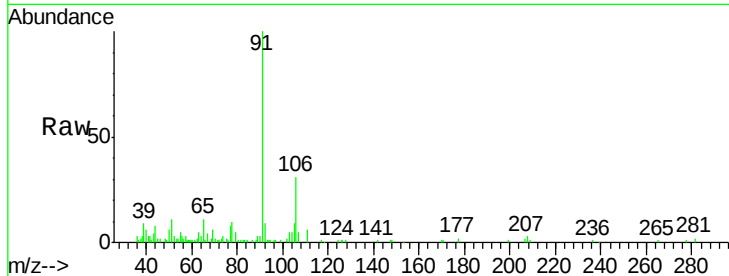
BG3Q0

Tot Ion: 91 Resp: 14463

Ion Ratio Lower Upper

91 100

106 30.8 21.0 39.0



#55

m,p-xylene

Concen: 0.986 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018716.D

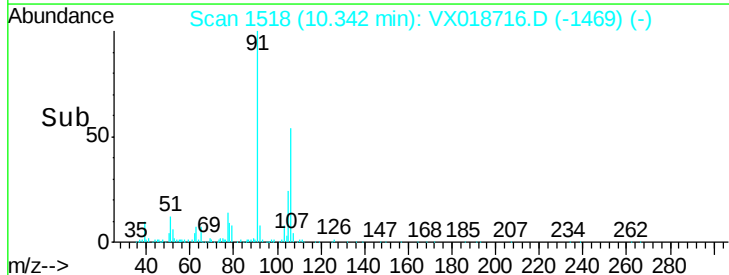
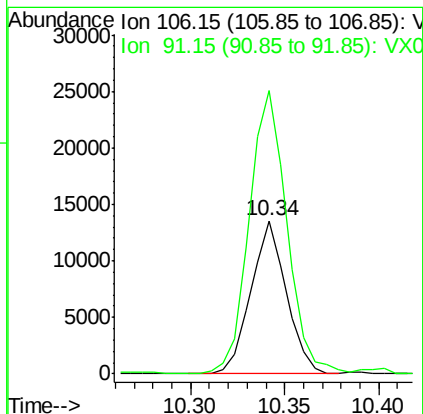
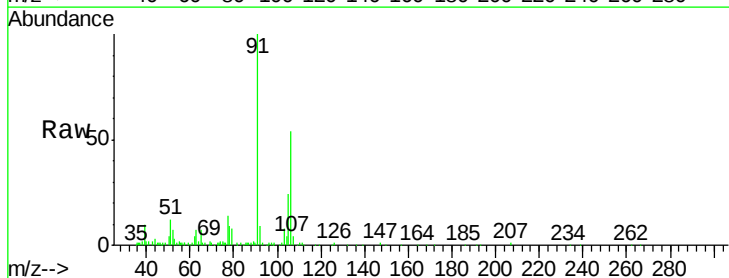
Acq: 30 Sep 2020 22:51

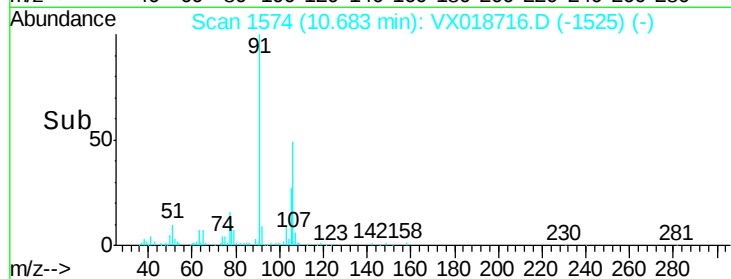
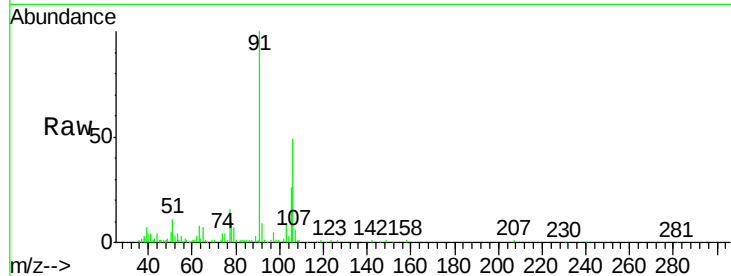
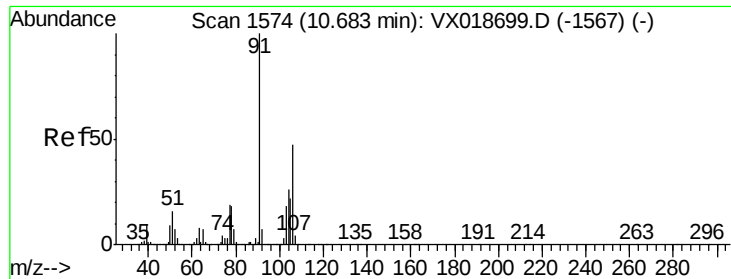
Tgt Ion: 106 Resp: 17726

Ion Ratio Lower Upper

106 100

91 185.0 140.3 260.6





#56
 o-xylene
 Concen: 0.626 ug/L
 RT: 10.68 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VX018716.D
 Acq: 30 Sep 2020 22:51

Instrument :
 MSVOA_X
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 BG3Q0

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.1	167.5	311.1

