

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
 Data File : VX018729.D
 Acq On : 01 Oct 2020 16:09
 Operator : JC/SP
 Sample : VSTD00165
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK76

Quant Time: Oct 01 17:24:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 17:22:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	194760	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	184982	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	91185	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	12933	1.21	ug/L	0.00
7) Chloroethane-d5	1.70	69	10178	1.17	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	27859	1.20	ug/L	0.00
20) 2-Butanone-d5	4.58	46	31265	11.72	ug/L	0.01
24) Chloroform-d	5.14	84	29031	1.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	17990	1.24	ug/L	0.00
32) Benzene-d6	6.04	84	47663	1.10	ug/L	-0.01
36) 1,2-Dichloropropane-d6	7.36	67	14240	1.09	ug/L	0.00
41) Toluene-d8	8.70	98	44404	1.04	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	6802	1.13	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	21824	10.22	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	10483	1.06	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	18019	1.18	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	13314	1.120 ug/L	94
3) Chloromethane	1.31	50	10101	1.011 ug/L	89
5) Vinyl chloride	1.39	62	11249	1.064 ug/L	98
6) Bromomethane	1.64	94	7257	1.124 ug/L	92
8) Chloroethane	1.72	64	6179	1.061 ug/L	98
9) Trichlorofluoromethane	1.92	101	22885	1.218 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	10646	1.054 ug/L	97
12) 1,1-Dichloroethene	2.36	96	10419	1.099 ug/L	98
13) Acetone	2.55	43	1601	1.107 ug/L	67
14) Carbon disulfide	2.55	76	31856	1.097 ug/L	98
15) Methyl Acetate	2.76	43	4491	1.152 ug/L	95
16) Methylene chloride	2.83	84	23138	1.766 ug/L	93
17) Methyl tert-butyl Ether	3.16	73	24853	1.154 ug/L	93
18) trans-1,2-Dichloroethene	3.14	96	10372	1.088 ug/L	84
19) 1,1-Dichloroethane	3.67	63	18855	1.101 ug/L	96
21) 2-Butanone	4.67	43	22779	9.999 ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	10983	1.099 ug/L	# 84
23) Bromochloromethane	4.98	128	5562	1.157 ug/L	95
25) Chloroform	5.17	83	21650	1.141 ug/L	83
27) 1,2-Dichloroethane	6.15	62	15296	1.260 ug/L	# 95
29) 1,1,1-Trichloroethane	5.46	97	21478	1.187 ug/L	94
30) Cyclohexane	5.54	56	14381	1.015 ug/L	97
31) Carbon tetrachloride	5.74	117	19465	1.169 ug/L	98
33) Benzene	6.11	78	38118	1.060 ug/L	100
34) Trichloroethene	7.18	95	11354	1.085 ug/L	93
35) Methylcyclohexane	7.44	83	14557	1.001 ug/L	93
37) 1,2-Dichloropropane	7.49	63	9958	1.059 ug/L	97
38) Bromodichloromethane	7.87	83	15089	1.153 ug/L	89
39) cis-1,3-Dichloropropene	8.42	75	14557	1.067 ug/L	93
40) 4-Methyl-2-pentanone	8.62	43	50997	9.637 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

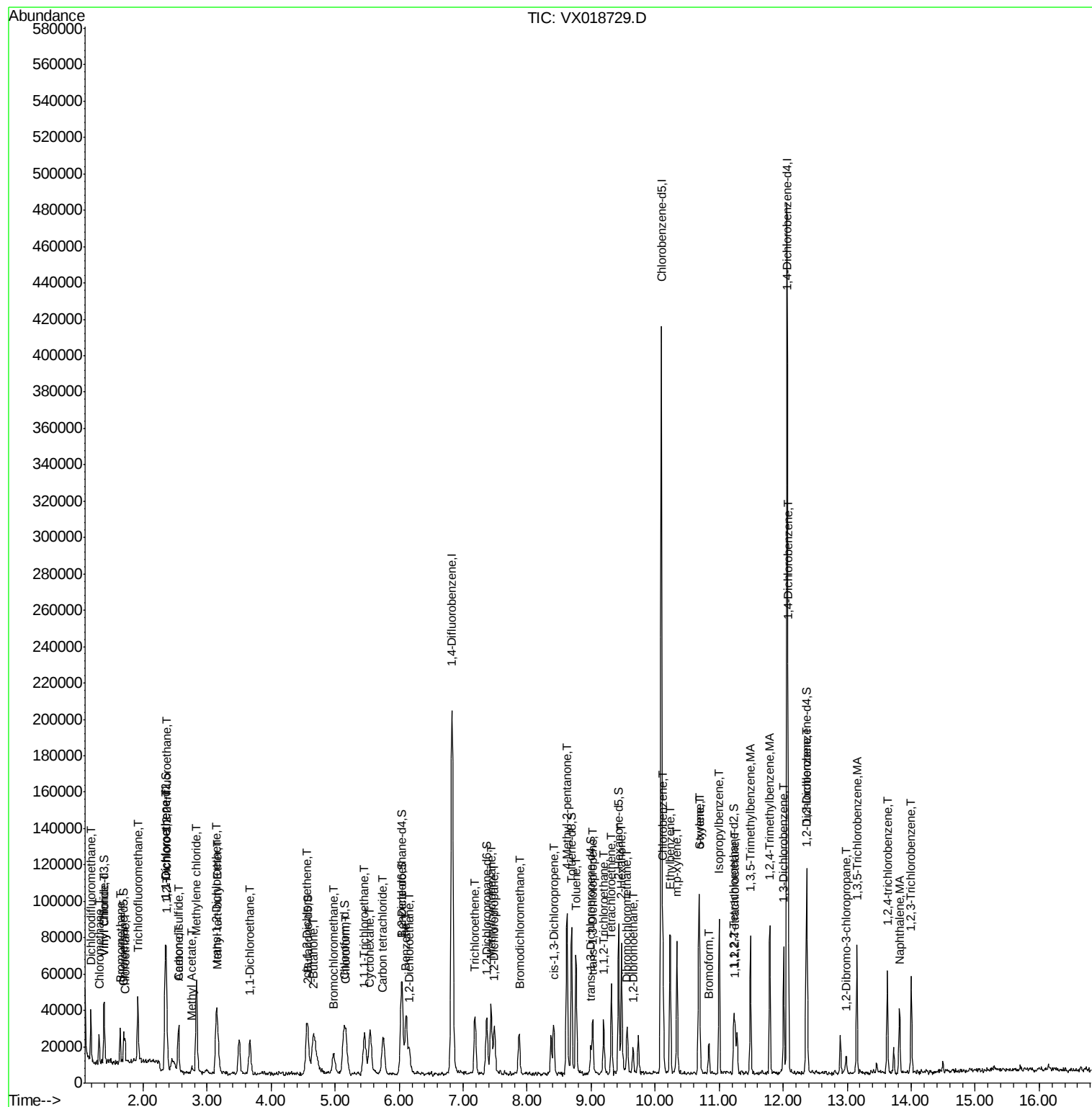
42) Toluene	8.76	91	42196	1.087	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	34026	0.989	ug/L	100
44) 1,2,4-Trimethylbenzene	11.79	105	33225	0.962	ug/L	97
46) trans-1,3-Dichloropropene	9.02	75	13667	1.091	ug/L	87
47) 1,1,2-Trichloroethane	9.20	97	6722	0.979	ug/L	90
49) Tetrachloroethene	9.32	164	8975	1.073	ug/L #	76
50) 2-Hexanone	9.48	43	37889	10.085	ug/L	96
51) Dibromochloromethane	9.56	129	11012	1.194	ug/L	91
52) 1,2-Dibromoethane	9.65	107	6755	1.062	ug/L #	95
53) Chlorobenzene	10.12	112	29063	1.135	ug/L	98
54) Ethylbenzene	10.24	91	44195	1.040	ug/L	96
55) m,p-xylene	10.34	106	16118	0.987	ug/L	93
56) o-xylene	10.68	106	15912	1.031	ug/L	90
57) Styrene	10.70	104	25417	1.002	ug/L	98
58) Isopropylbenzene	11.00	105	41827	1.004	ug/L	96
60) 1,1,2,2-Tetrachloroethane	11.25	83	8283	1.072	ug/L #	96
62) Bromoform	10.84	173	6066	1.214	ug/L	98
63) 1,3-Dichlorobenzene	12.01	146	21620	1.080	ug/L	99
64) 1,4-Dichlorobenzene	12.08	146	22465	1.101	ug/L	95
66) 1,2-Dichlorobenzene	12.38	146	21234	1.136	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.99	75	1876	1.180	ug/L	94
68) 1,3,5-Trichlorobenzene	13.15	180	15785	1.040	ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	12655	1.019	ug/L	99
70) Naphthalene	13.82	128	20332	0.971	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	11749	1.044	ug/L	99

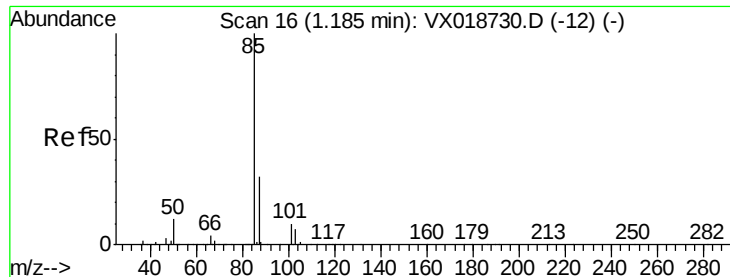
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 1.120 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

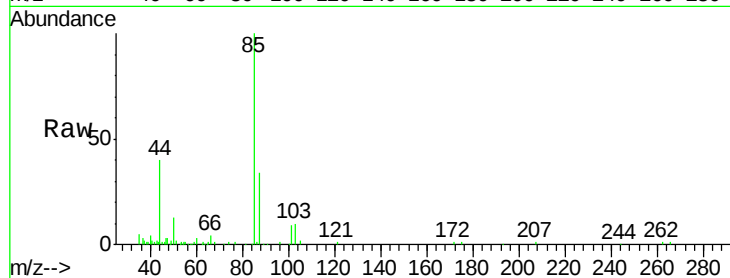
VBLK76

Tgt Ion: 85 Resp: 13314

Ion Ratio Lower Upper

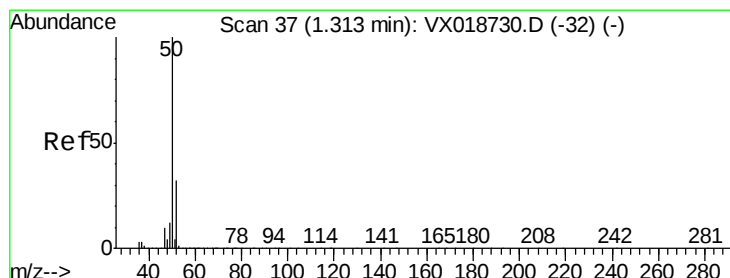
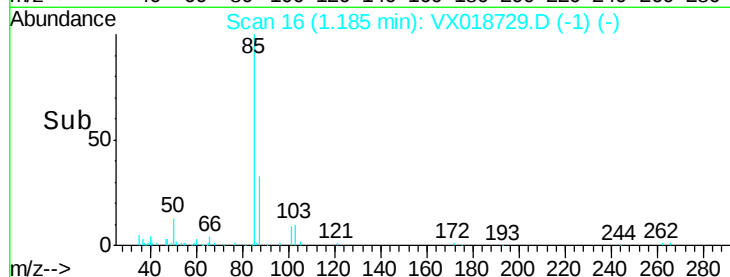
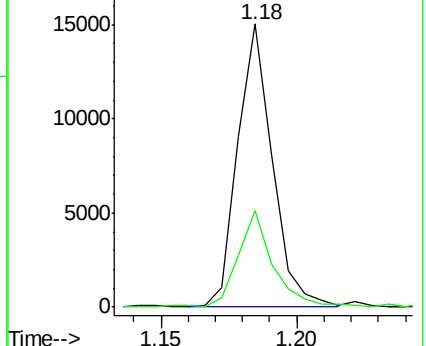
85 100

87 34.6 25.1 37.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 1.011 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018729.D

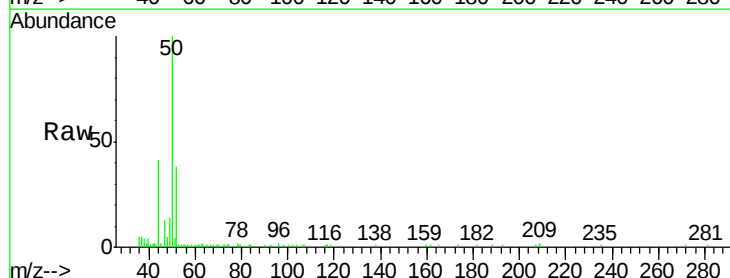
Acq: 01 Oct 2020 16:09

Tgt Ion: 50 Resp: 10101

Ion Ratio Lower Upper

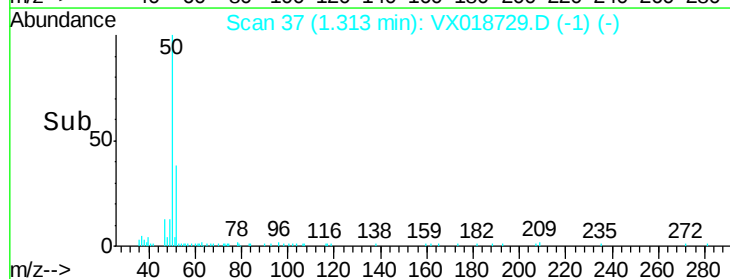
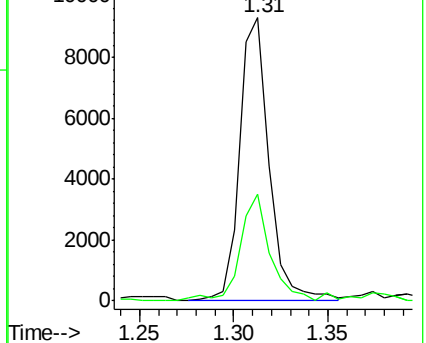
50 100

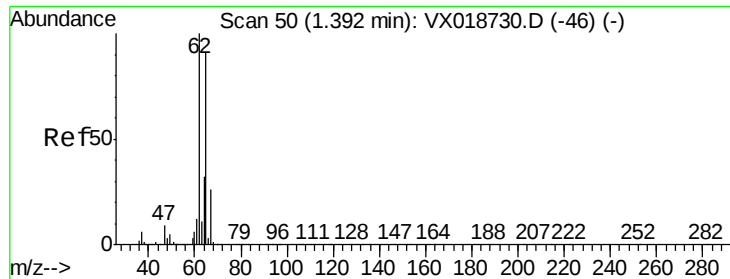
52 37.8 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0





#5

Vinyl chloride

Concen: 1.064 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

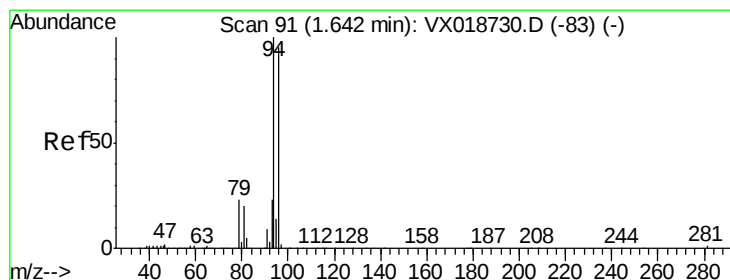
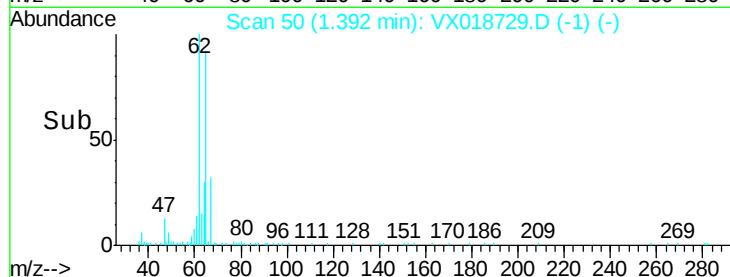
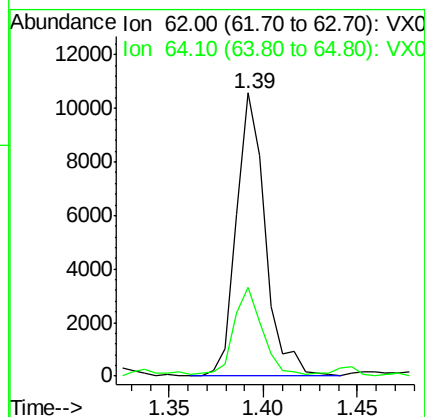
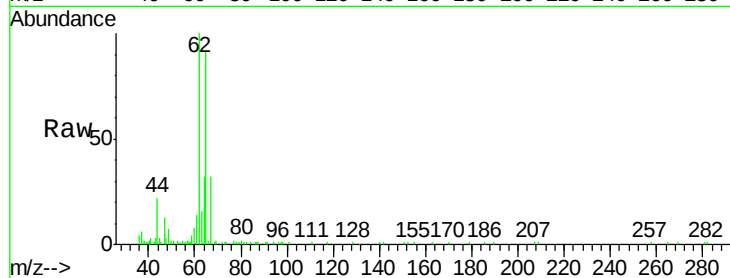
VBLK76

Tgt Ion: 62 Resp: 11249

Ion Ratio Lower Upper

62 100

64 31.5 22.7 42.1



#6

Bromomethane

Concen: 1.124 ug/L

RT: 1.64 min Scan# 91

Delta R.T. -0.00 min

Lab File: VX018729.D

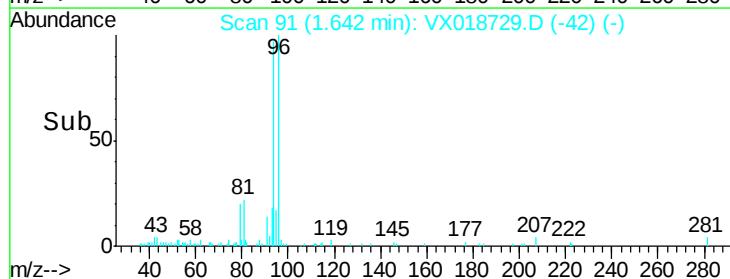
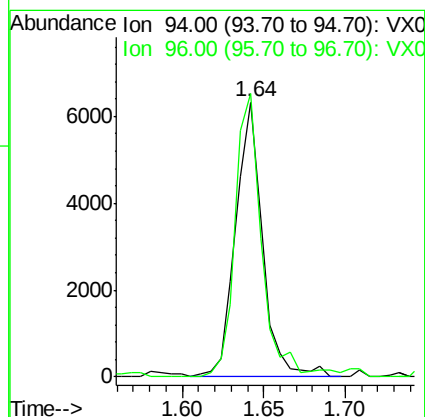
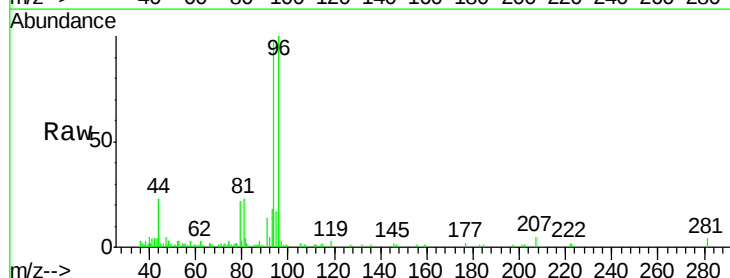
Acq: 01 Oct 2020 16:09

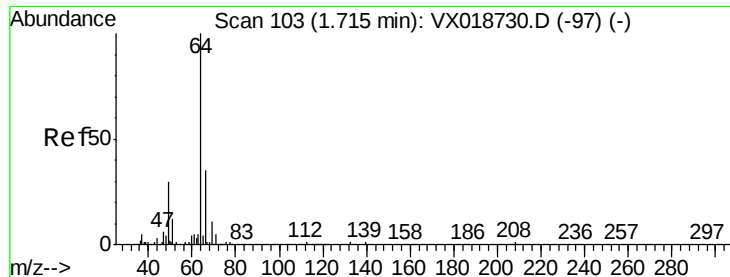
Tgt Ion: 94 Resp: 7257

Ion Ratio Lower Upper

94 100

96 103.1 66.6 123.8





#8

Chloroethane

Concen: 1.061 ug/L

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

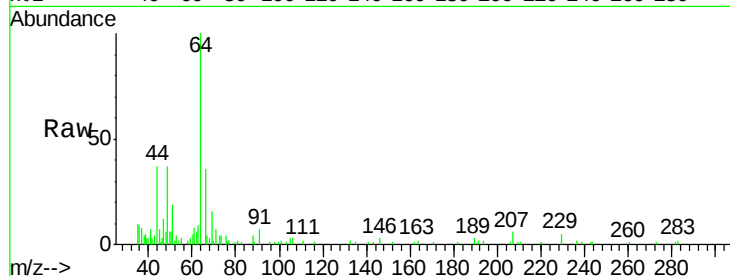
VBLK76

Tgt Ion: 64 Resp: 6179

Ion Ratio Lower Upper

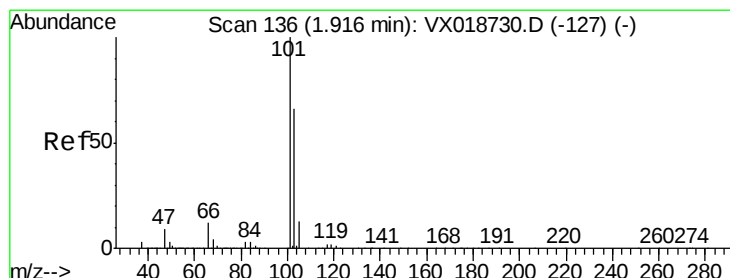
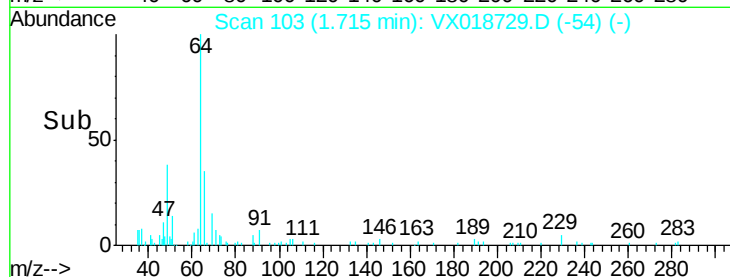
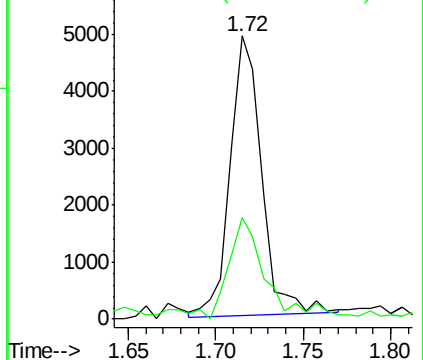
64 100

66 36.0 24.5 45.5



Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0



#9

Trichlorofluoromethane

Concen: 1.218 ug/L

RT: 1.92 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX018729.D

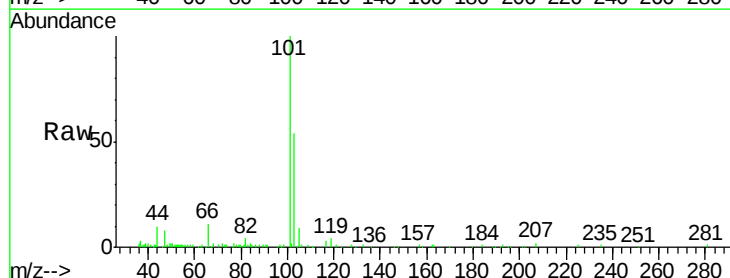
Acq: 01 Oct 2020 16:09

Tgt Ion: 101 Resp: 22885

Ion Ratio Lower Upper

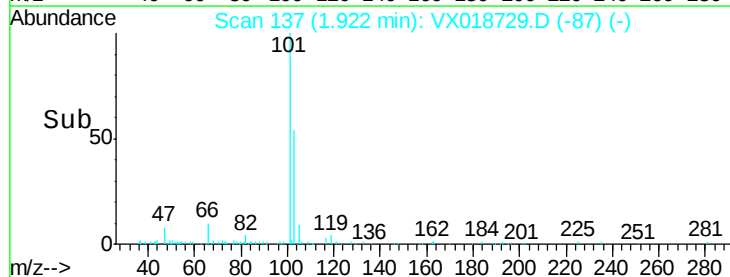
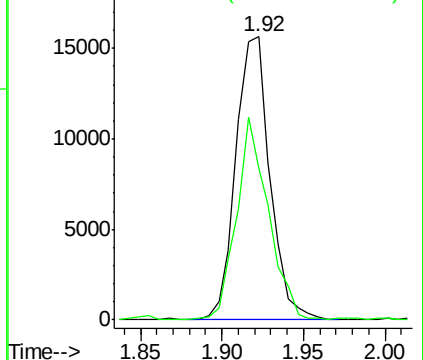
101 100

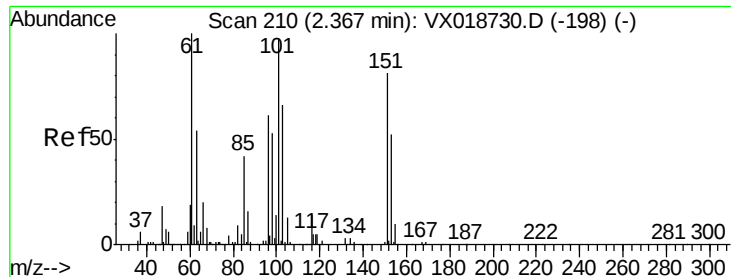
103 66.7 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.054 ug/L

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

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ClientSampleId :

VBLK76

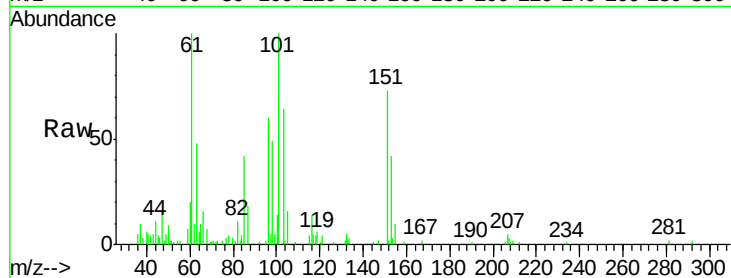
Tgt Ion:101 Resp: 10646

Ion Ratio Lower Upper

101 100

85 49.9 36.6 55.0

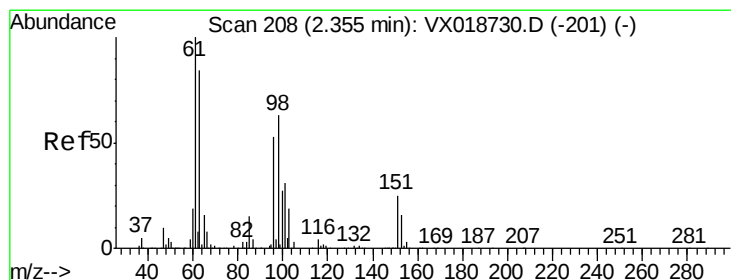
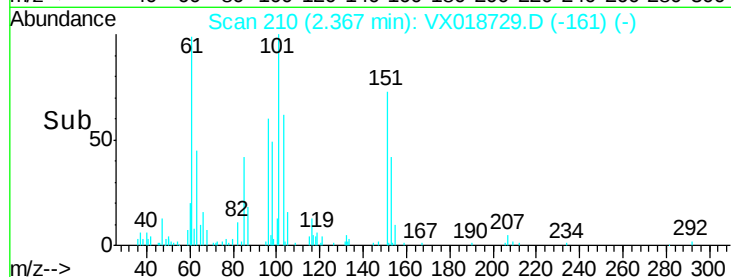
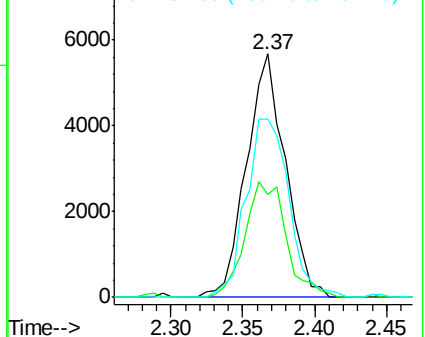
151 80.6 65.0 97.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.099 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

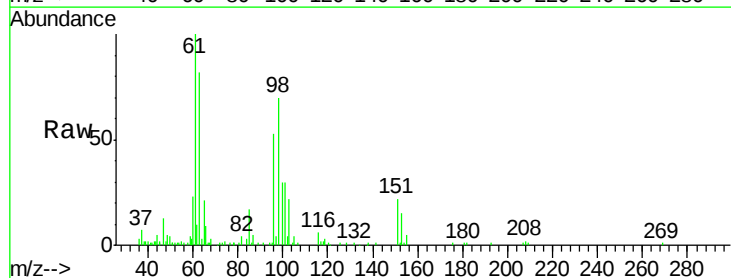
Tgt Ion: 96 Resp: 10419

Ion Ratio Lower Upper

96 100

61 187.2 131.0 243.4

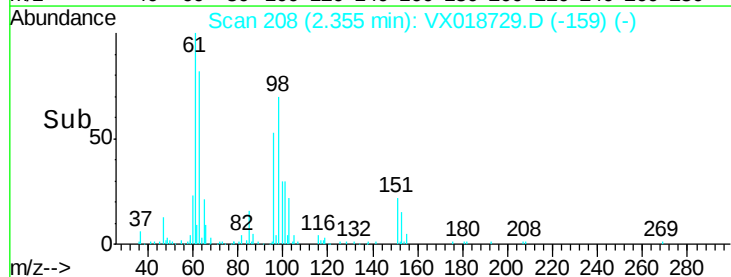
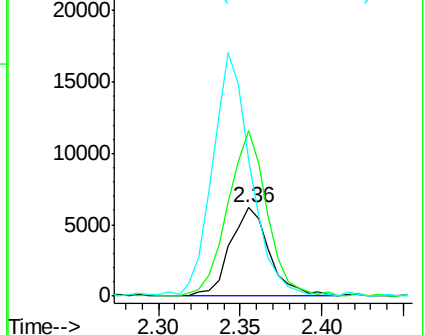
63 154.4 112.1 208.1

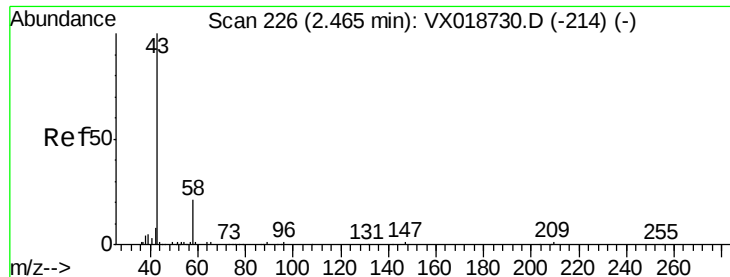


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 1.107 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.09 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

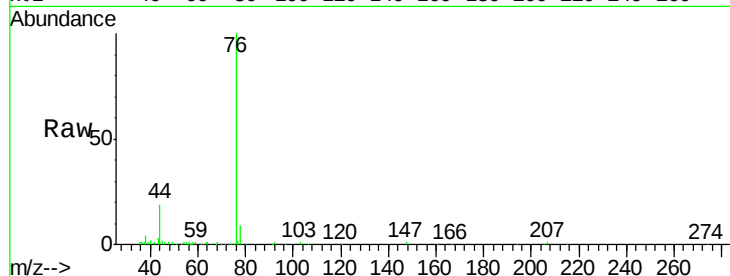
VBLK76

Tgt Ion: 43 Resp: 1601

Ion Ratio Lower Upper

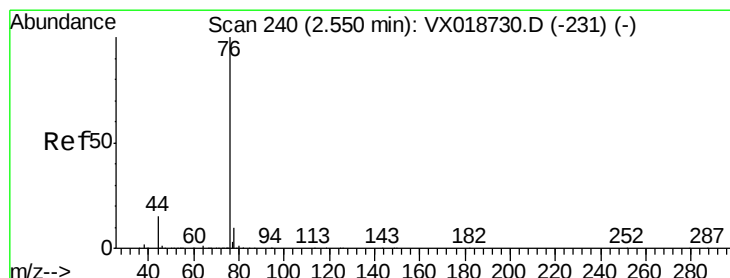
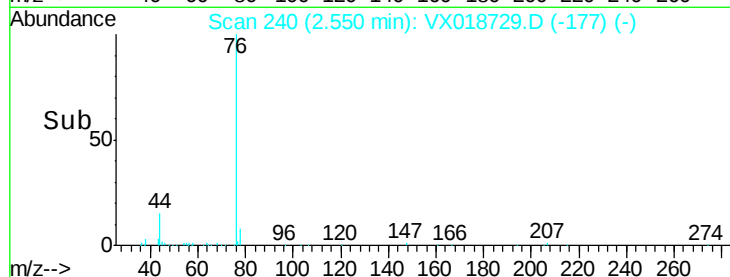
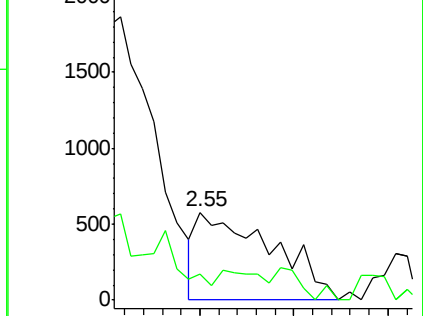
43 100

58 9.9 0.0 54.2



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 1.097 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018729.D

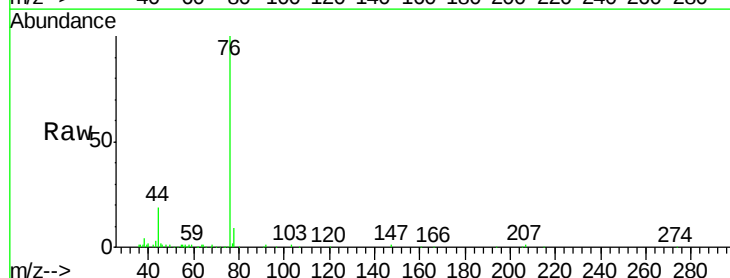
Acq: 01 Oct 2020 16:09

Tgt Ion: 76 Resp: 31856

Ion Ratio Lower Upper

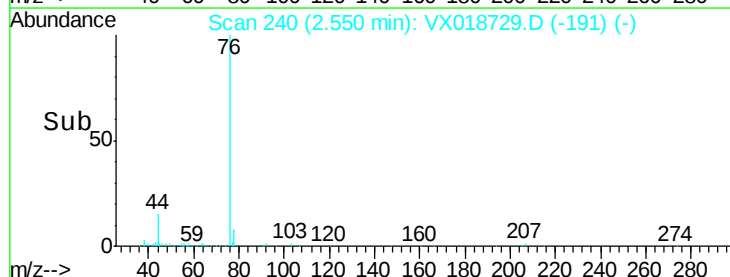
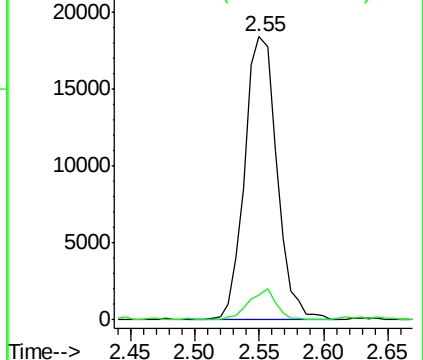
76 100

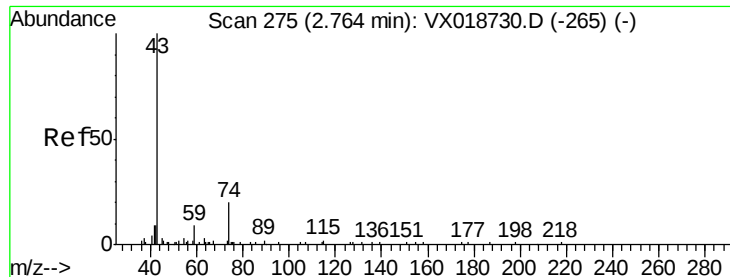
78 8.7 7.7 11.5



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0





#15

Methyl Acetate

Concen: 1.152 ug/L

RT: 2.76 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampled :

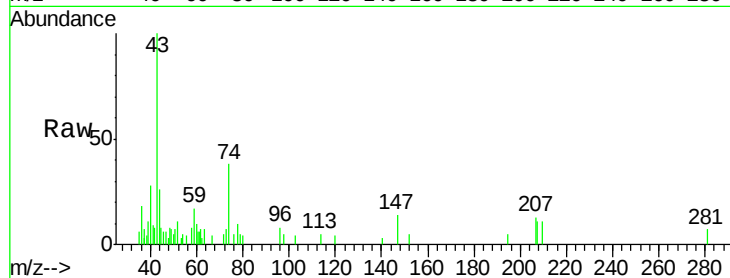
VBLK76

Tgt Ion: 43 Resp: 4491

Ion Ratio Lower Upper

43 100

74 29.5 21.5 32.3



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0

2000

1500

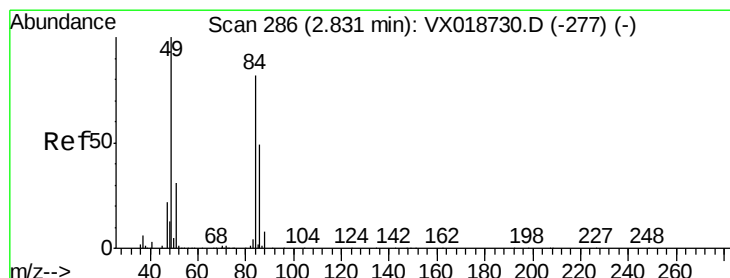
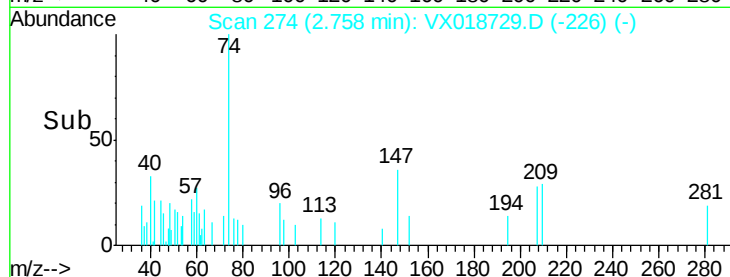
1000

500

0

2.70 2.75 2.80

Time-->



#16

Methylene chloride

Concen: 1.766 ug/L

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

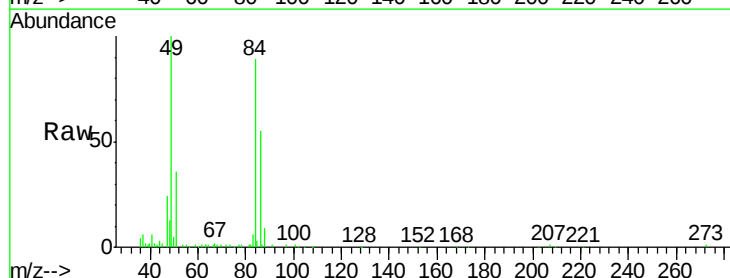
Tgt Ion: 84 Resp: 23138

Ion Ratio Lower Upper

84 100

86 62.1 42.5 78.9

49 112.7 86.2 160.0



Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0

20000

15000

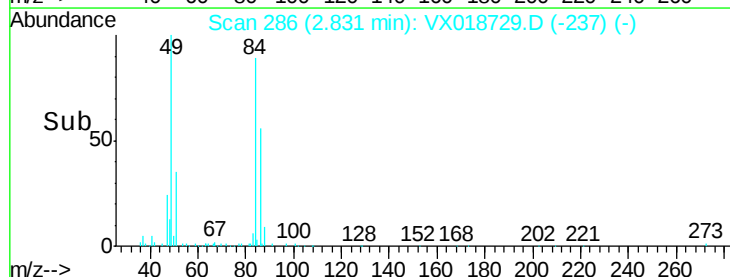
10000

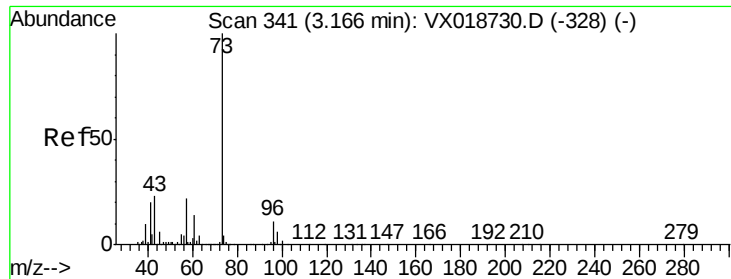
5000

0

2.75 2.80 2.85 2.90 2.95

Time-->

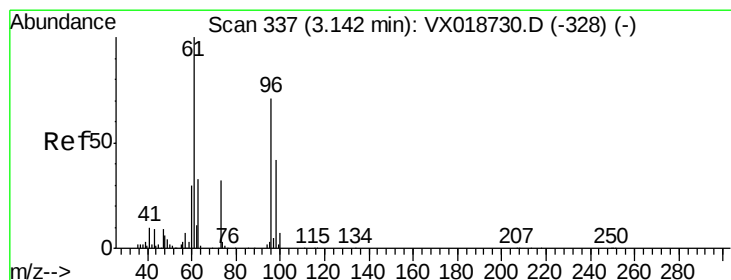
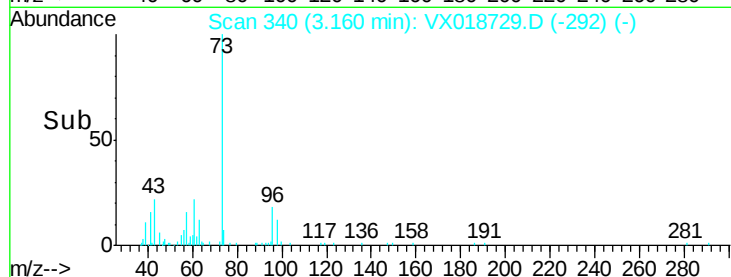
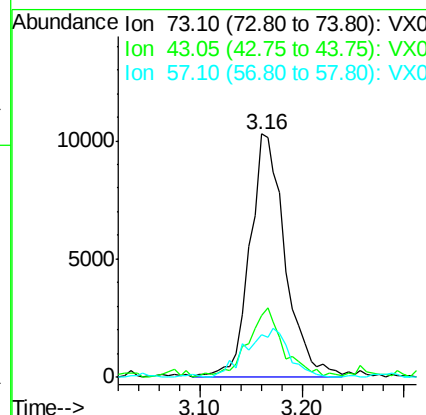
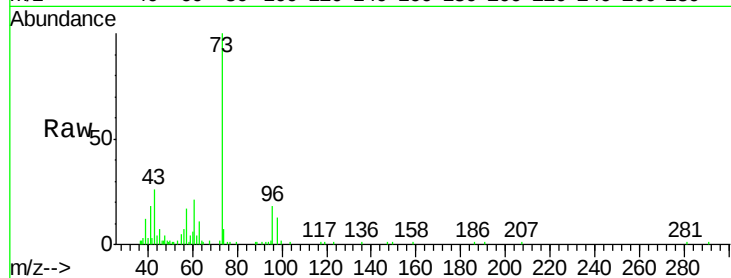




#17
Methyl tert-butyl Ether
Concen: 1.154 ug/L
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX018729.D
Acq: 01 Oct 2020 16:09

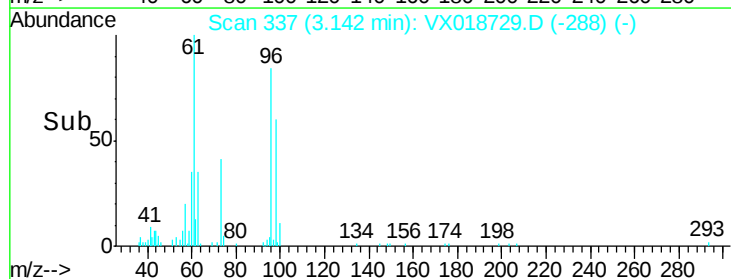
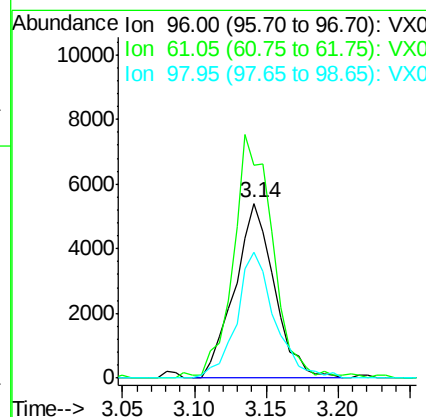
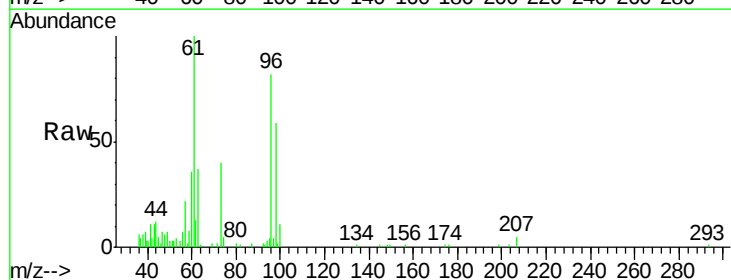
Instrument :
MSVOA_X
ClientSampled :
VBLK76

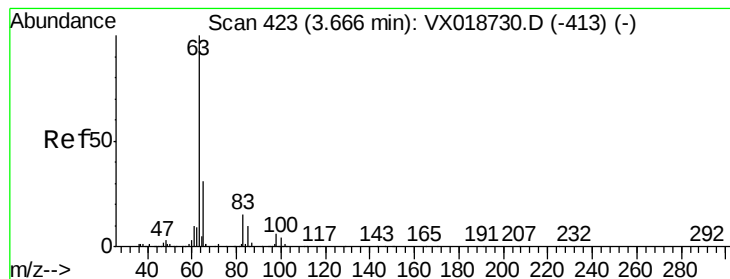
Tgt Ion	Ratio	Lower	Upper
73	100		
43	28.3	19.2	28.8
57	24.0	17.1	25.7



#18
trans-1,2-Dichloroethene
Concen: 1.088 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX018729.D
Acq: 01 Oct 2020 16:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	121.6	98.1	182.3
98	71.9	41.2	76.6





#19

1,1-Dichloroethane

Concen: 1.101 ug/L

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampled :

VBLK76

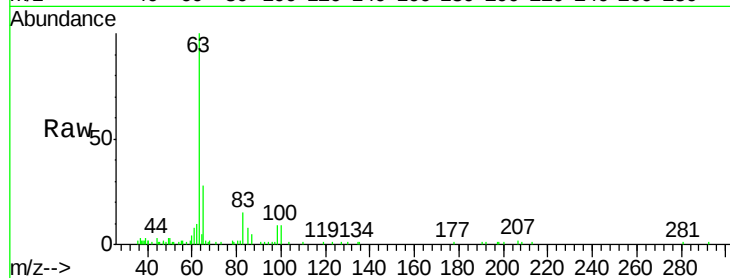
Tgt Ion: 63 Resp: 18855

Ion Ratio Lower Upper

63 100

65 28.5 22.0 40.8

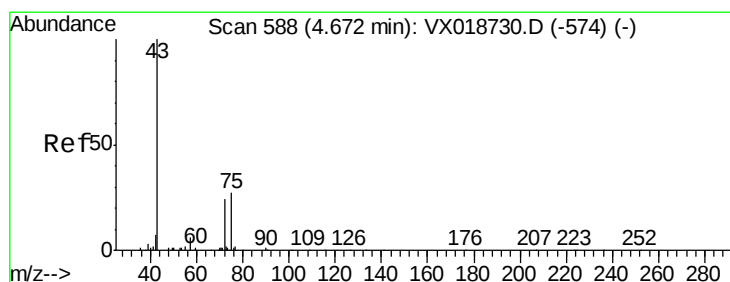
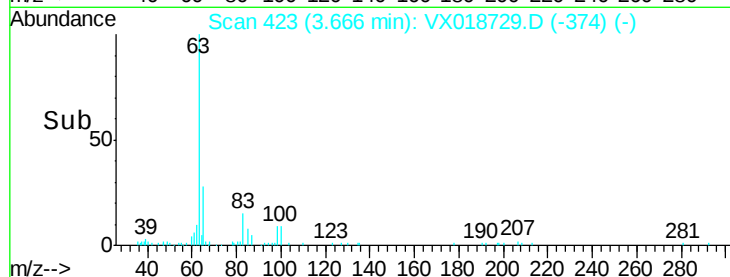
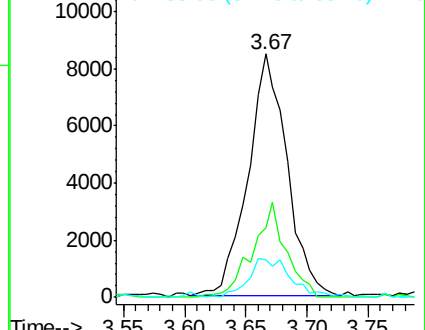
83 15.5 10.5 19.5



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



#21

2-Butanone

Concen: 9.999 ug/L

RT: 4.67 min Scan# 587

Delta R.T. -0.01 min

Lab File: VX018729.D

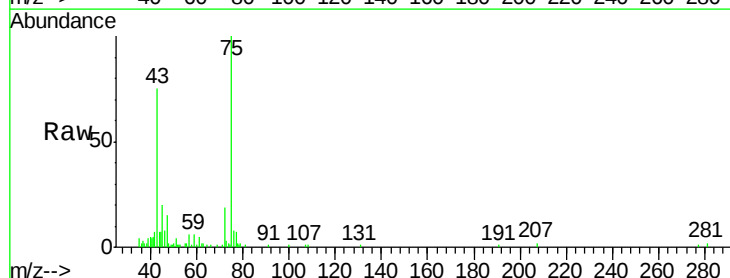
Acq: 01 Oct 2020 16:09

Tgt Ion: 43 Resp: 22779

Ion Ratio Lower Upper

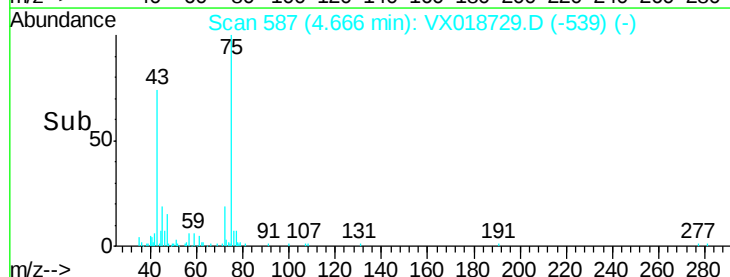
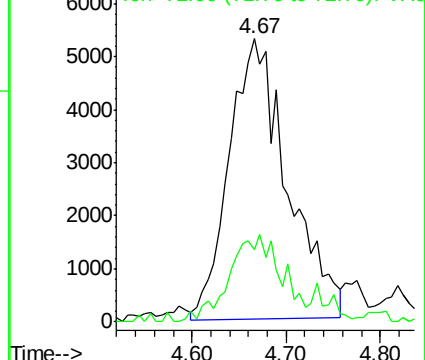
43 100

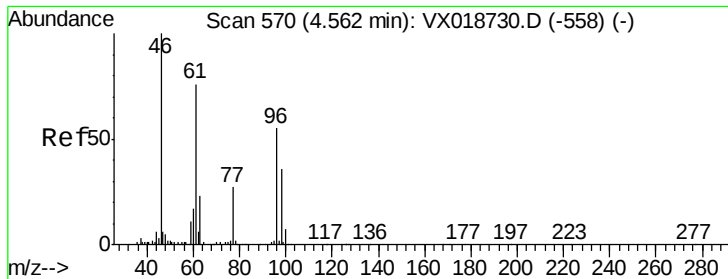
72 14.4 7.4 22.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



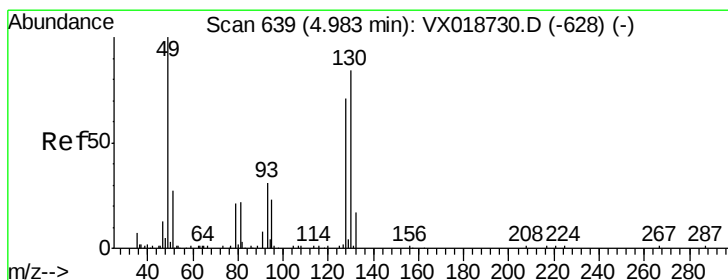
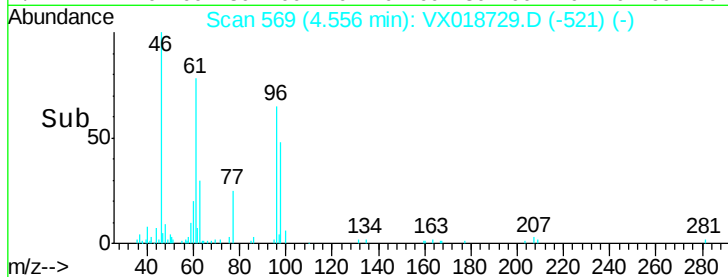
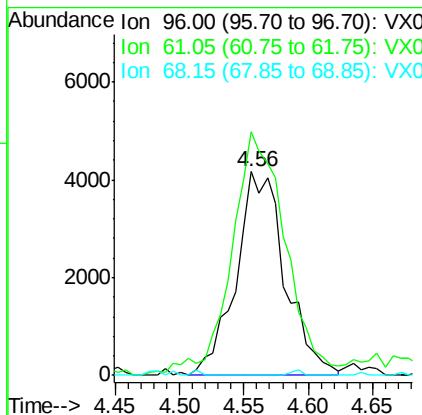
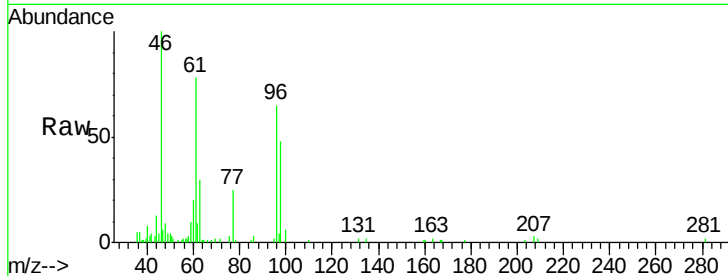


#22

cis-1,2-Dichloroethene
Concen: 1.099 ug/L
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018729.D
Acq: 01 Oct 2020 16:09

Instrument :
MSVOA_X
ClientSampleId :
VBLK76

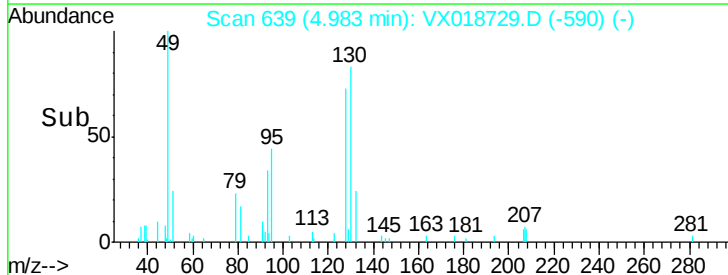
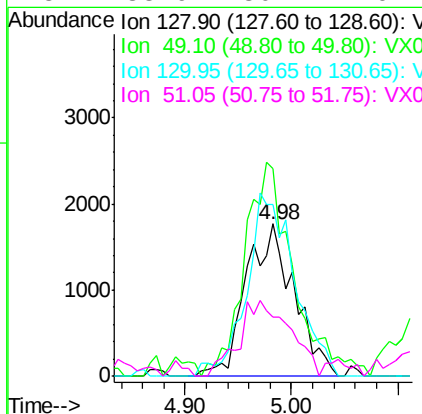
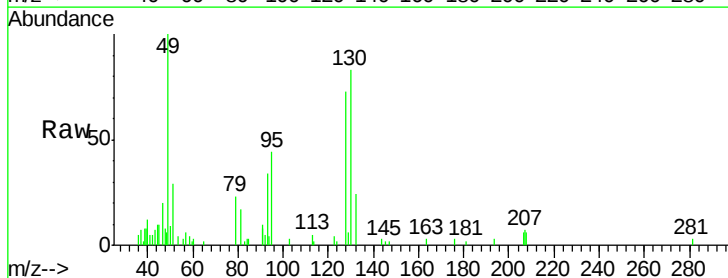
Tgt Ion: 96 Resp: 10983
Ion Ratio Lower Upper
96 100
61 119.7 97.3 180.7
68 0.0 0.6 1.0#

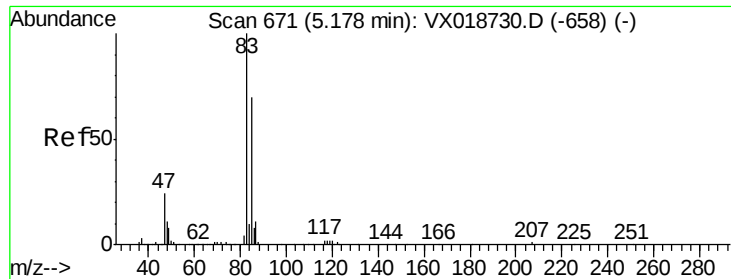


#23

Bromochloromethane
Concen: 1.157 ug/L
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018729.D
Acq: 01 Oct 2020 16:09

Tgt Ion: 128 Resp: 5562
Ion Ratio Lower Upper
128 100
49 148.8 99.3 184.3
130 112.8 83.0 154.2
51 38.9 30.7 46.1





#25

Chloroform

Concen: 1.141 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

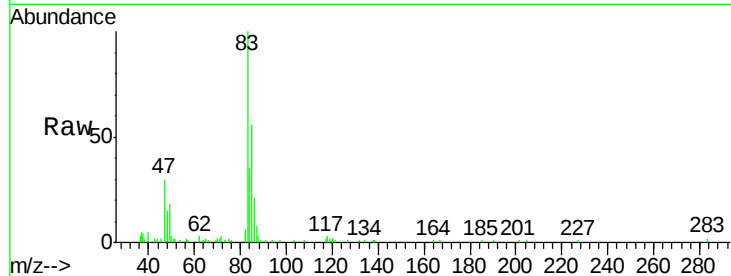
VBLK76

Tgt Ion: 83 Resp: 21650

Ion Ratio Lower Upper

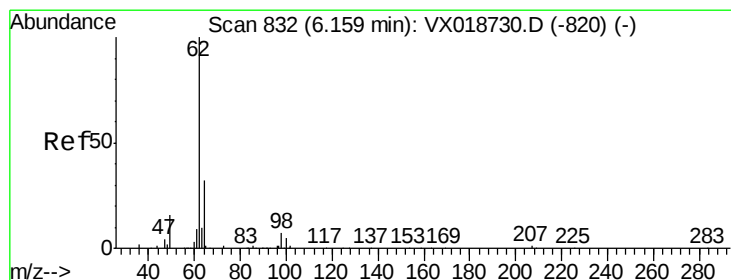
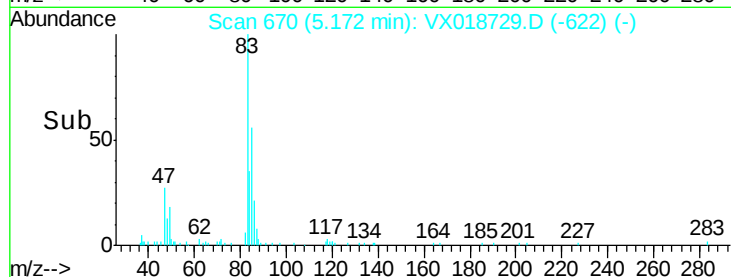
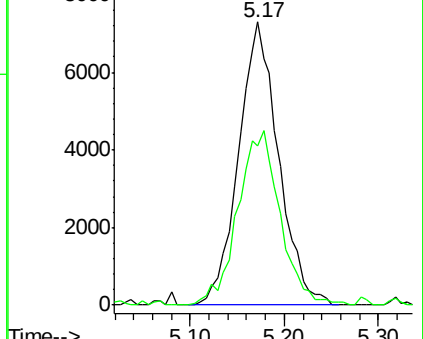
83 100

85 56.2 49.1 91.3



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



#27

1,2-Dichloroethane

Concen: 1.260 ug/L

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX018729.D

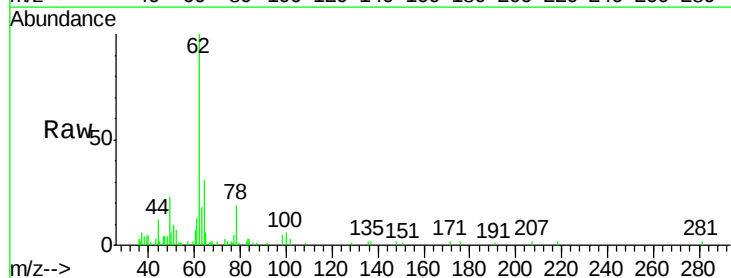
Acq: 01 Oct 2020 16:09

Tgt Ion: 62 Resp: 15296

Ion Ratio Lower Upper

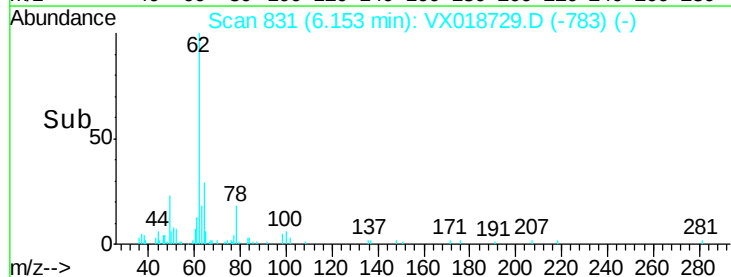
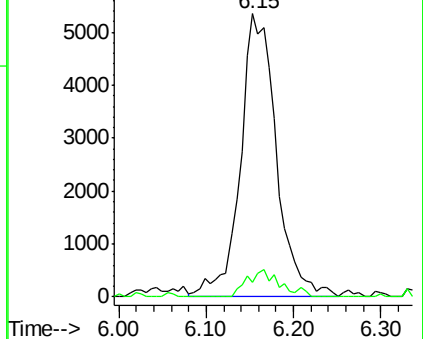
62 100

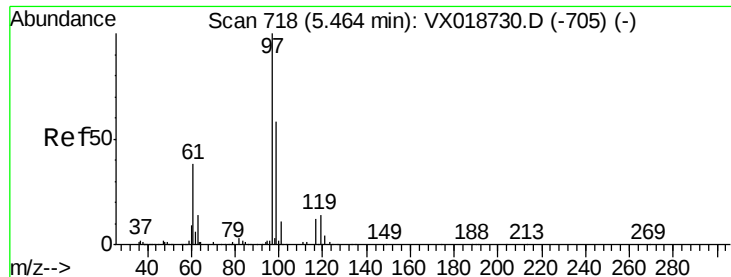
98 5.0 5.4 8.2#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0

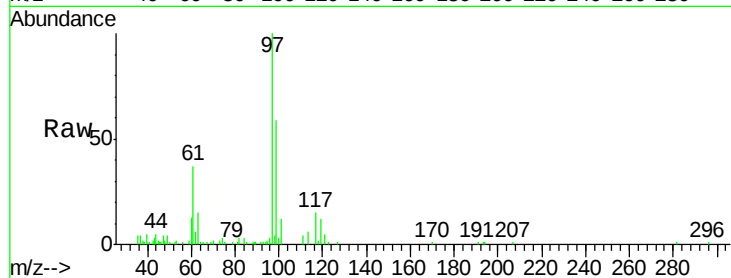




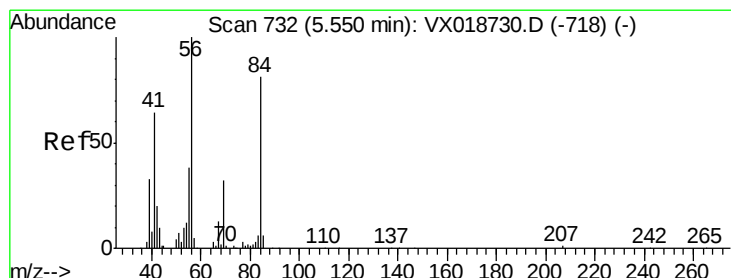
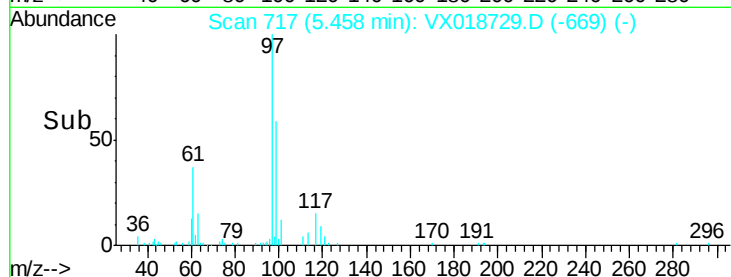
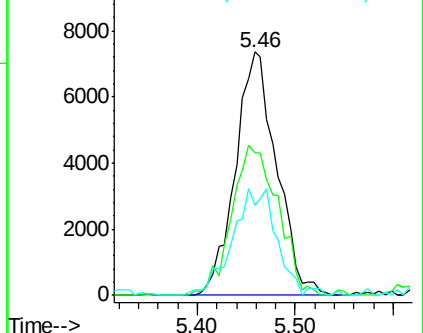
#29
 1,1,1-Trichloroethane
 Concen: 1.187 ug/L
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX018729.D
 Acq: 01 Oct 2020 16:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK76

Tgt Ion: 97 Resp: 21478
 Ion Ratio Lower Upper
 97 100
 99 68.9 51.4 77.2
 61 46.6 33.9 50.9

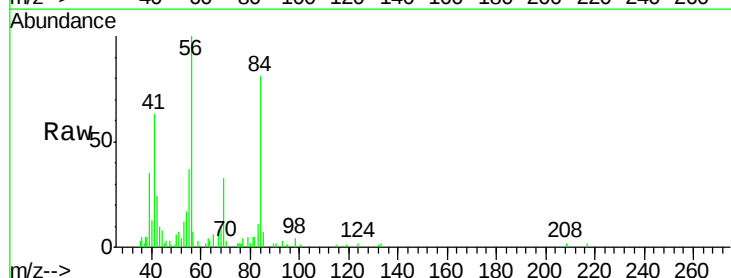


Abundance Ion 96.95 (96.65 to 97.65): VX0
 Ion 99.05 (98.75 to 99.75): VX0
 Ion 61.05 (60.75 to 61.75): VX0

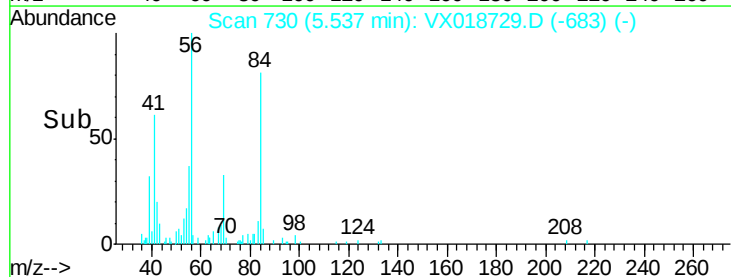
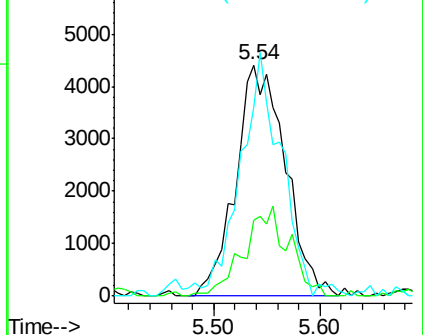


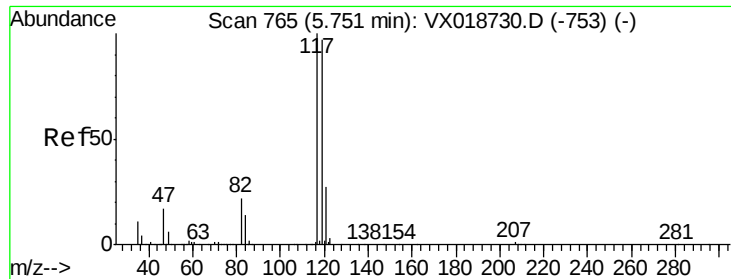
#30
 Cyclohexane
 Concen: 1.015 ug/L
 RT: 5.54 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: VX018729.D
 Acq: 01 Oct 2020 16:09

Tgt Ion: 56 Resp: 14381
 Ion Ratio Lower Upper
 56 100
 69 35.1 25.8 38.8
 84 87.6 71.4 107.0



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





#31

Carbon tetrachloride

Concen: 1.169 ug/L

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

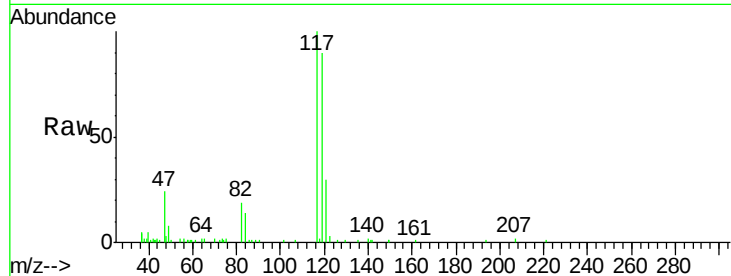
VBLK76

Tgt Ion:117 Resp: 19465

Ion Ratio Lower Upper

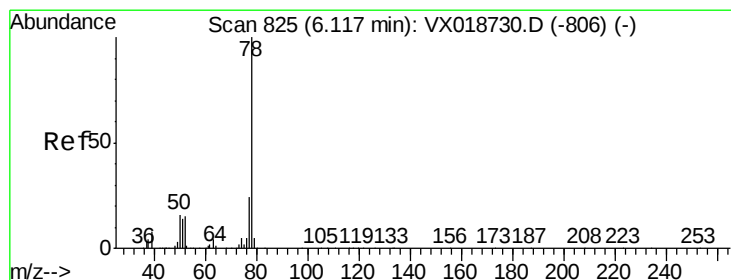
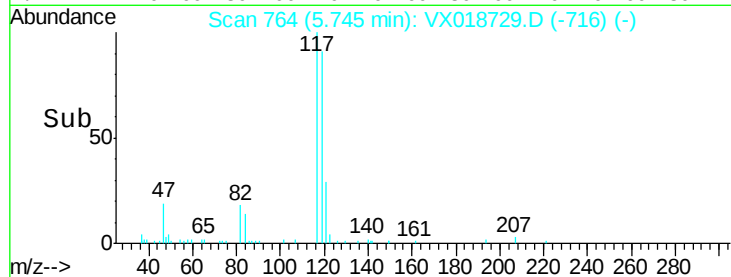
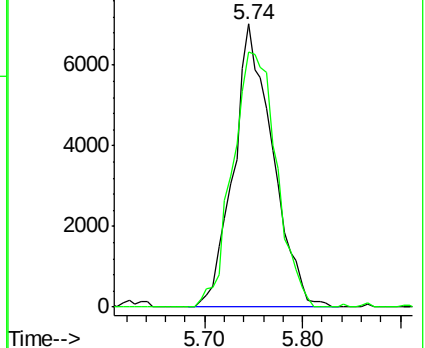
117 100

119 101.1 79.3 118.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 1.060 ug/L

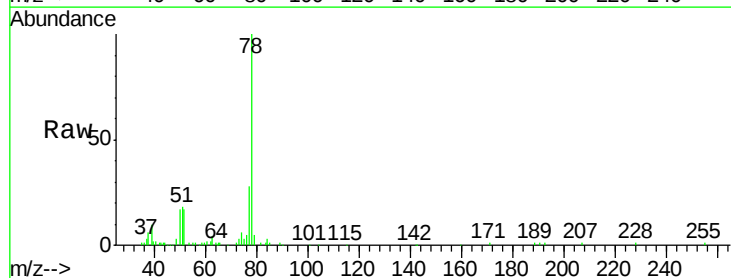
RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

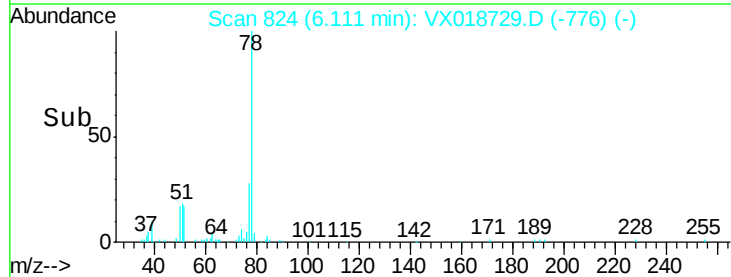
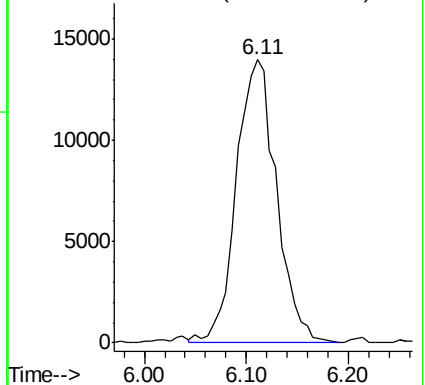
Lab File: VX018729.D

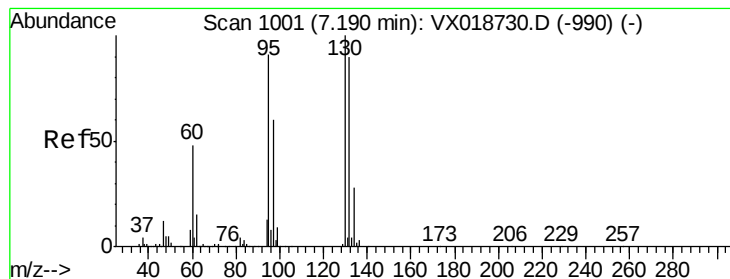
Acq: 01 Oct 2020 16:09

Tgt Ion: 78 Resp: 38118



Abundance Ion 78.10 (77.80 to 78.80): VX0





#34

Trichloroethene

Concen: 1.085 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

VBLK76

Tgt Ion: 95 Resp: 11354

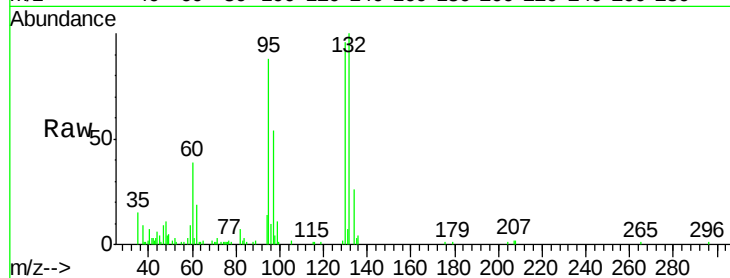
Ion Ratio Lower Upper

95 100

97 61.5 45.8 85.2

132 113.1 69.2 128.6

130 108.5 76.8 142.6

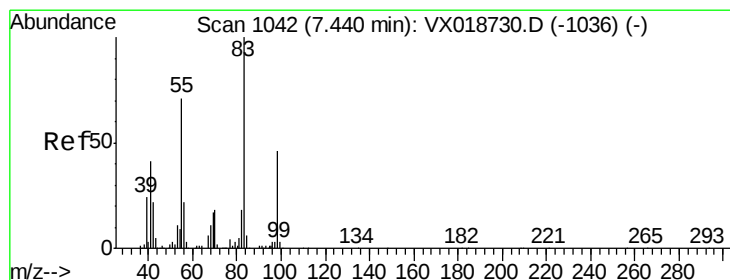
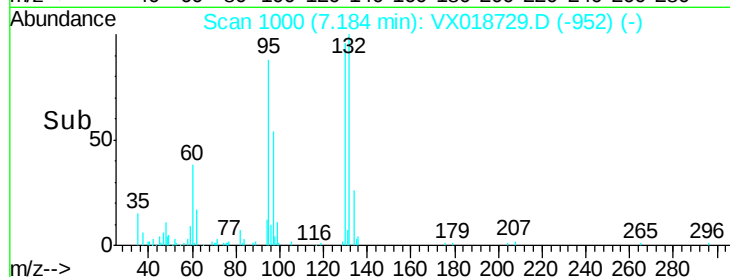
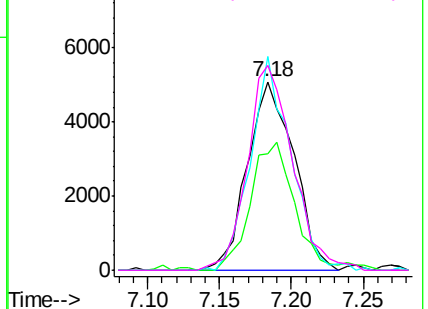


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 1.001 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

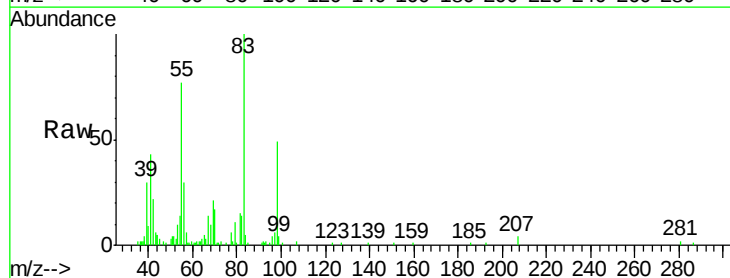
Tgt Ion: 83 Resp: 14557

Ion Ratio Lower Upper

83 100

55 84.2 62.7 94.1

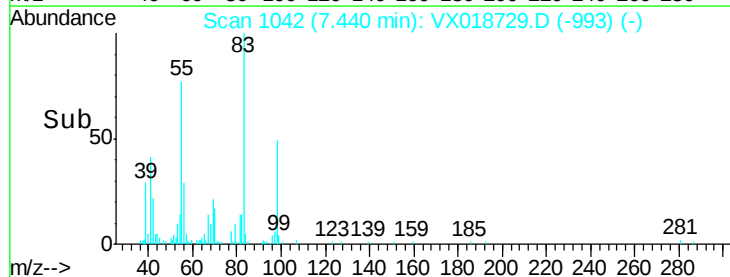
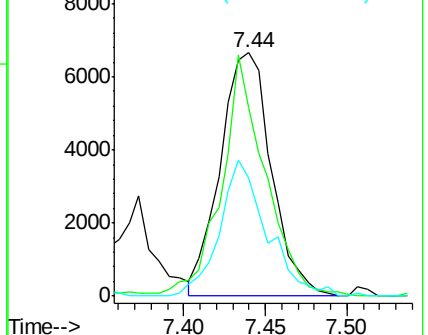
98 51.6 37.2 55.8

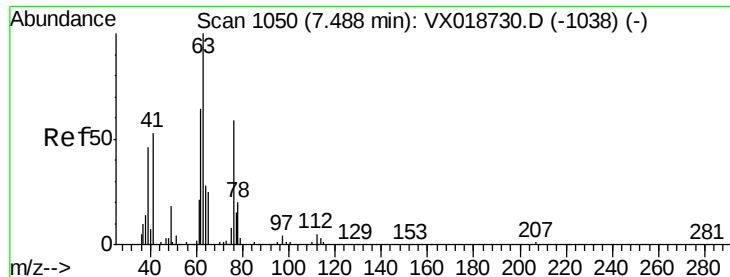


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#37

1,2-Dichloropropane

Concen: 1.059 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

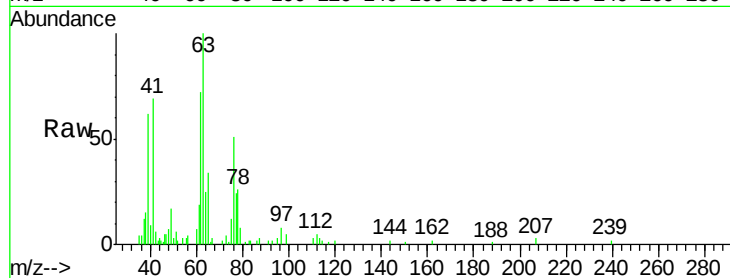
VBLK76

Tgt Ion: 63 Resp: 9958

Ion Ratio Lower Upper

63 100

112 4.8 4.8 7.2



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V

7.49

5000

4000

3000

2000

1000

0

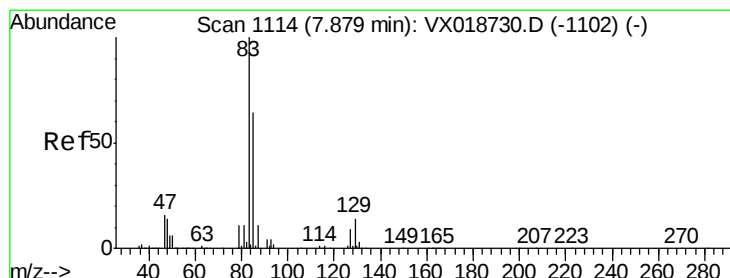
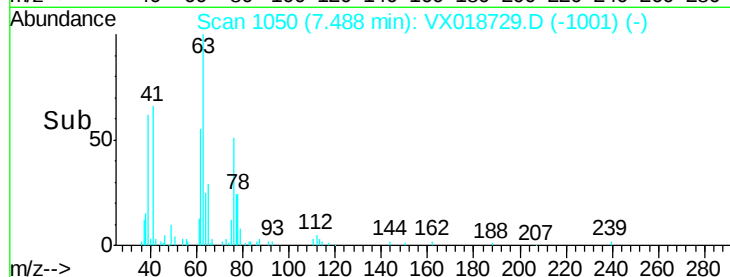
7.40

7.45

7.50

7.55

Time-->



#38

Bromodichloromethane

Concen: 1.153 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

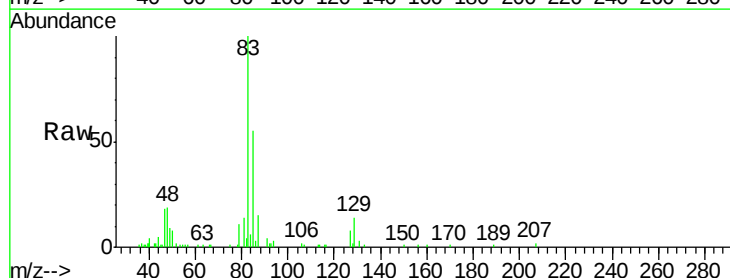
Tgt Ion: 83 Resp: 15089

Ion Ratio Lower Upper

83 100

85 55.0 44.8 83.2

127 7.6 7.4 11.0



Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 126.90 (126.60 to 127.60): V

10000

8000

6000

4000

2000

0

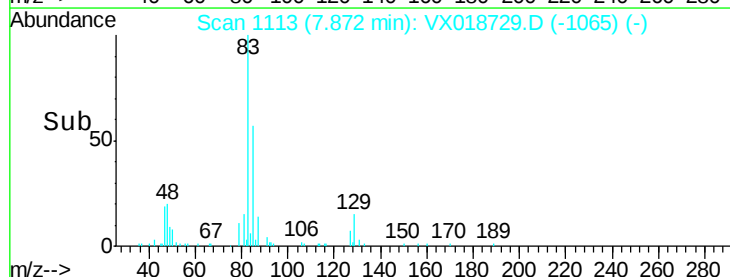
7.80

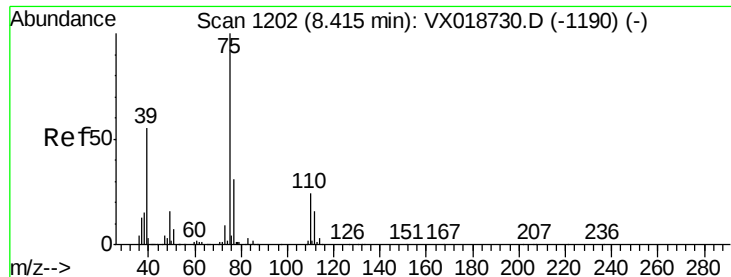
7.85

7.90

7.95

Time-->





#39

cis-1,3-Dichloropropene

Concen: 1.067 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

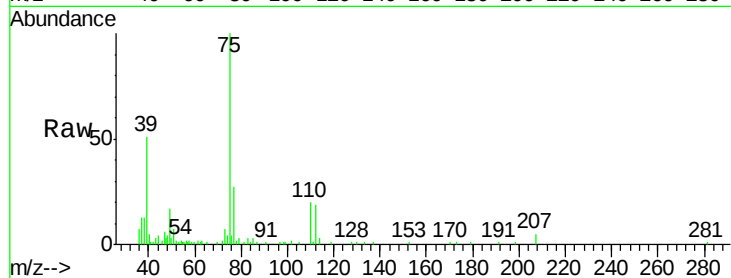
VBLK76

Tgt Ion: 75 Resp: 14557

Ion Ratio Lower Upper

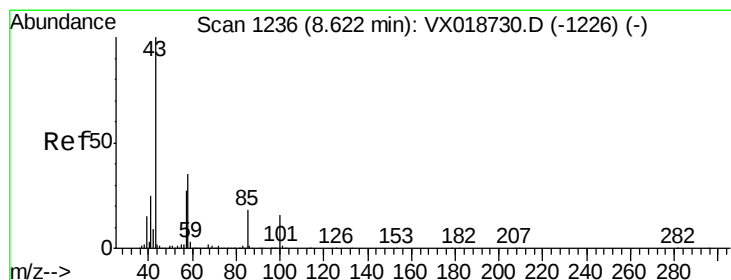
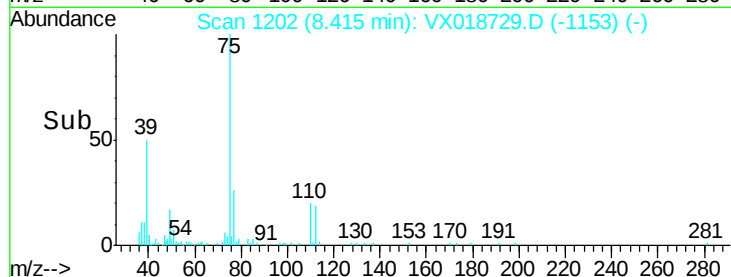
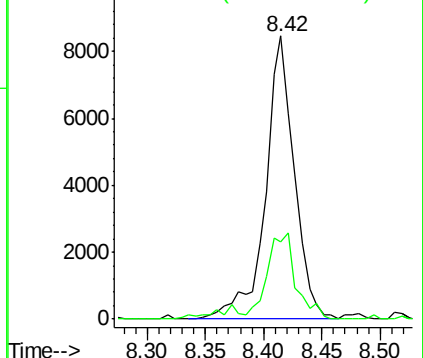
75 100

77 27.3 21.8 40.4



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0



#40

4-Methyl-2-pentanone

Concen: 9.637 ug/L

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

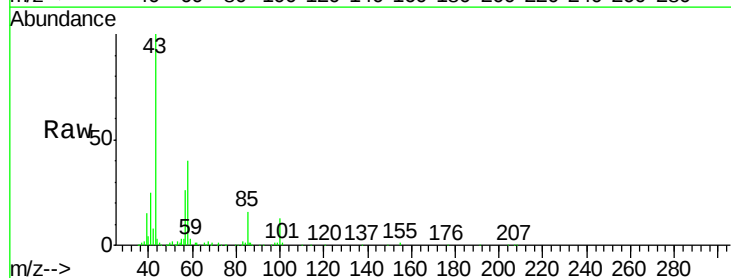
Tgt Ion: 43 Resp: 50997

Ion Ratio Lower Upper

43 100

58 39.5 30.1 45.1

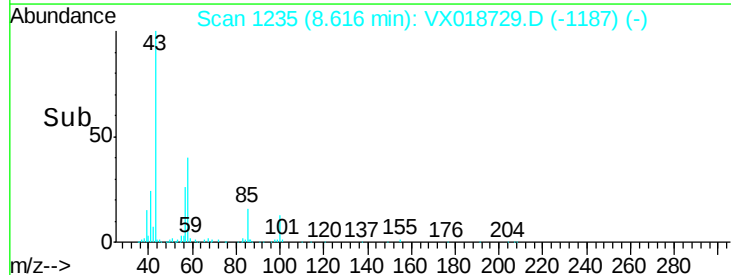
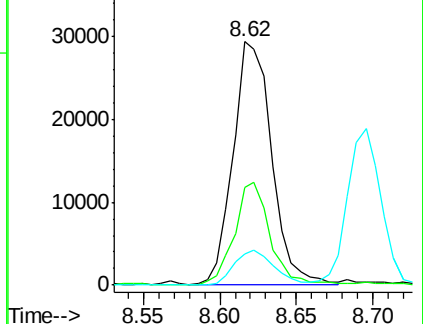
100 14.9 12.2 18.4

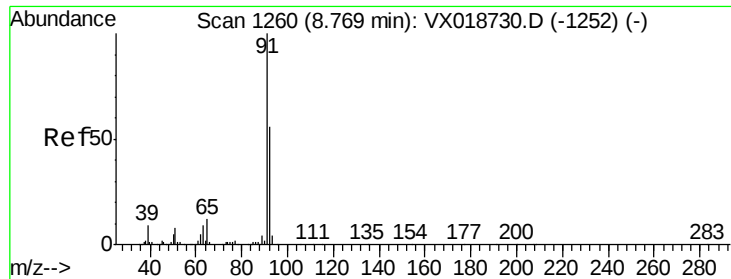


Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 100.15 (99.85 to 100.85): V





#42

Toluene

Concen: 1.087 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

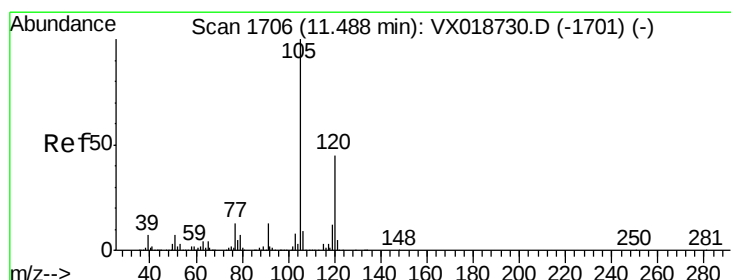
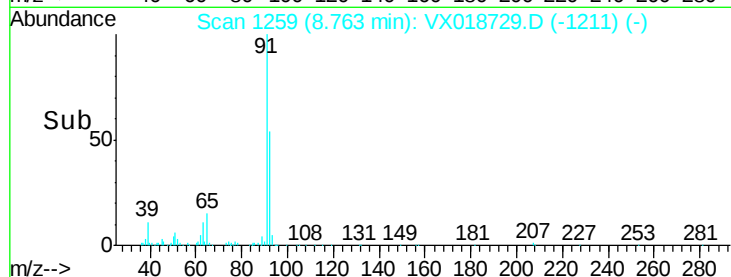
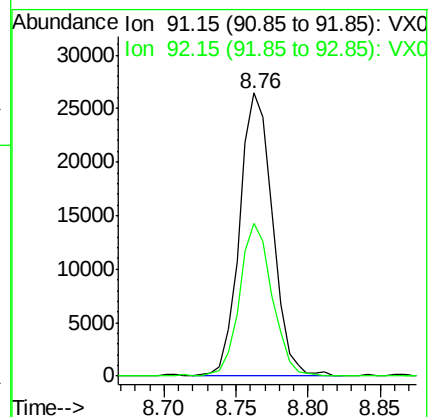
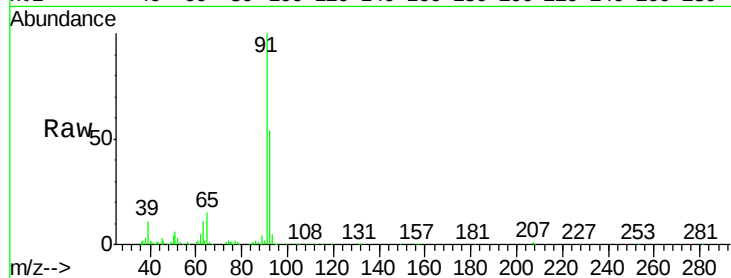
VBLK76

Tgt Ion: 91 Resp: 42196

Ion Ratio Lower Upper

91 100

92 54.0 39.4 73.2



#43

1,3,5-Trimethylbenzene

Concen: 0.989 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX018729.D

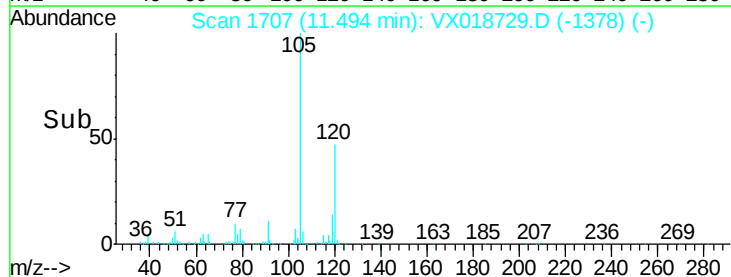
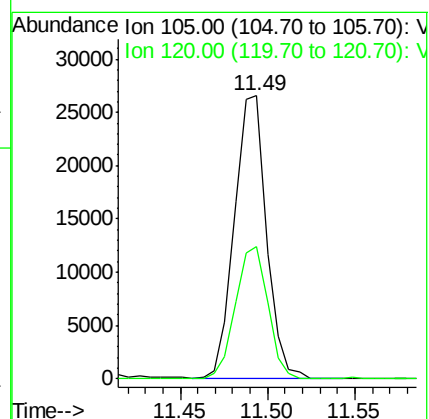
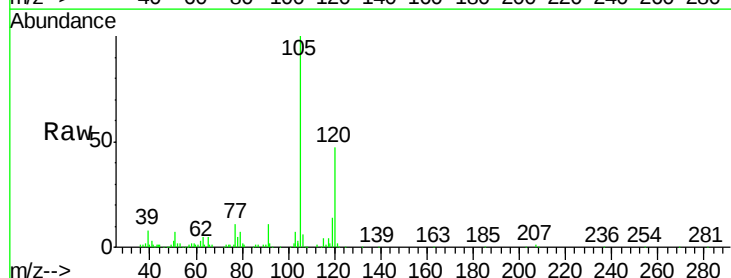
Acq: 01 Oct 2020 16:09

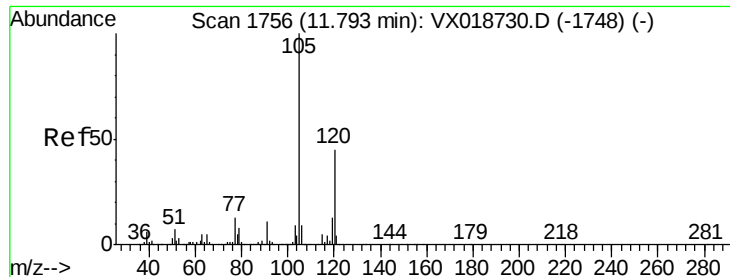
Tgt Ion: 105 Resp: 34026

Ion Ratio Lower Upper

105 100

120 47.3 38.0 57.0





#44

1,2,4-Trimethylbenzene

Concen: 0.962 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

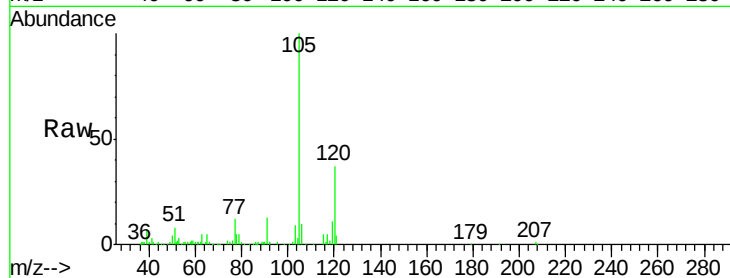
VBLK76

Tgt Ion:105 Resp: 33225

Ion Ratio Lower Upper

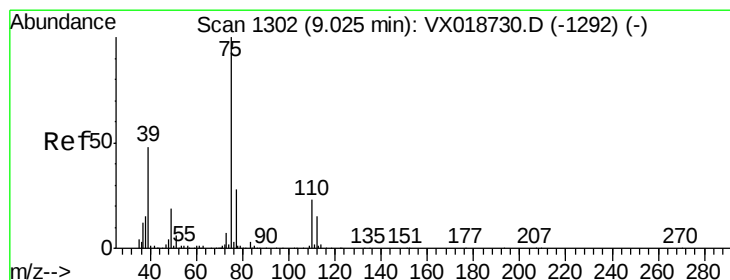
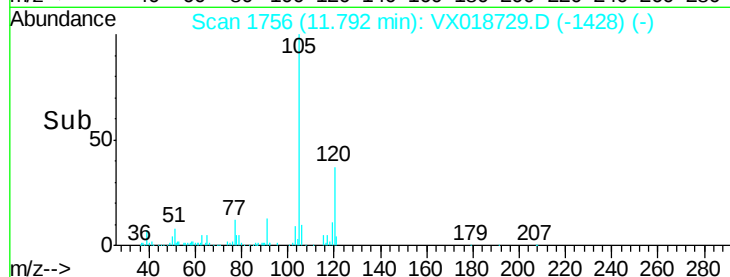
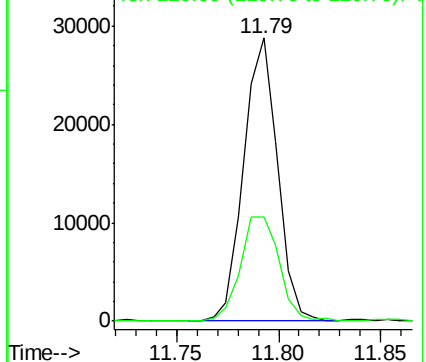
105 100

120 42.5 35.8 53.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#46

trans-1,3-Dichloropropene

Concen: 1.091 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018729.D

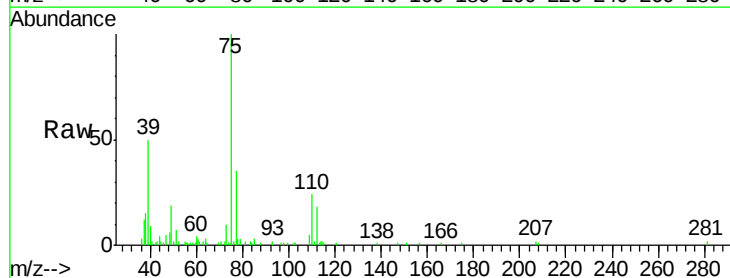
Acq: 01 Oct 2020 16:09

Tgt Ion: 75 Resp: 13667

Ion Ratio Lower Upper

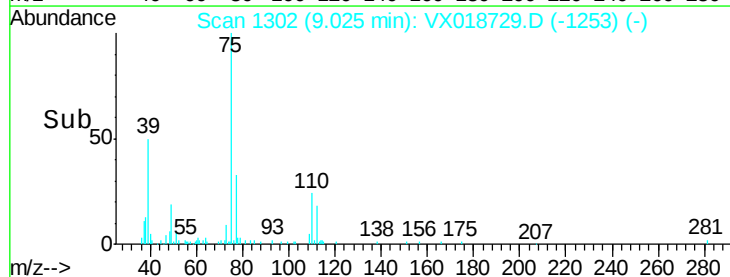
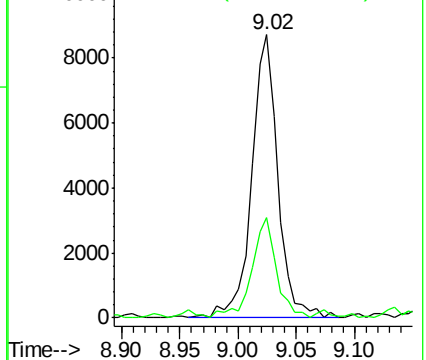
75 100

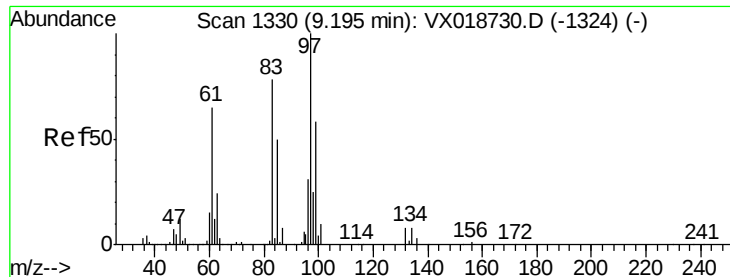
77 35.2 19.7 36.7



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

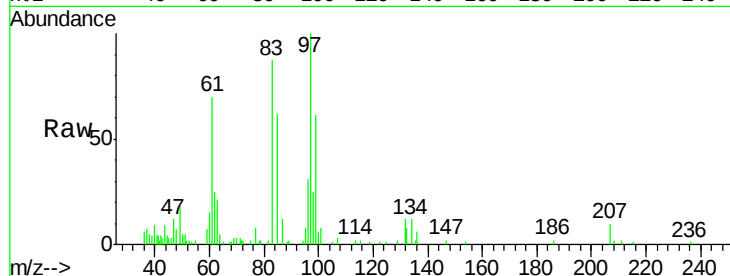




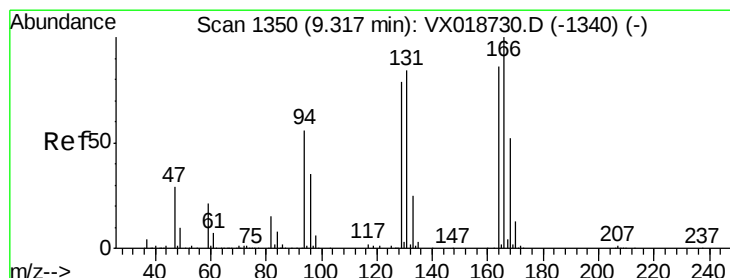
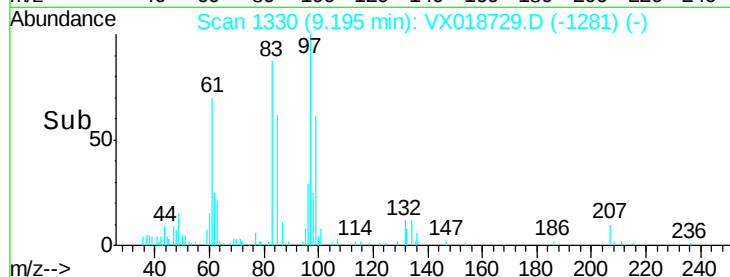
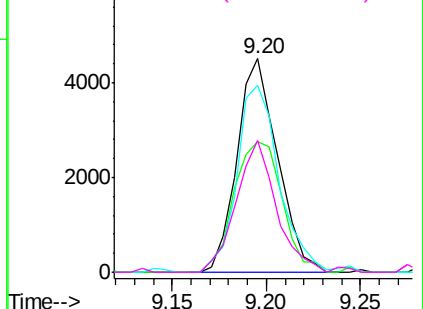
#47
 1,1,2-Trichloroethane
 Concen: 0.979 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018729.D
 Acq: 01 Oct 2020 16:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK76

Tgt Ion:	97	Resp:	6722
Ion	Ratio	Lower	Upper
97	100		
99	61.0	40.8	75.8
83	87.5	54.5	101.1
85	61.7	35.7	66.3

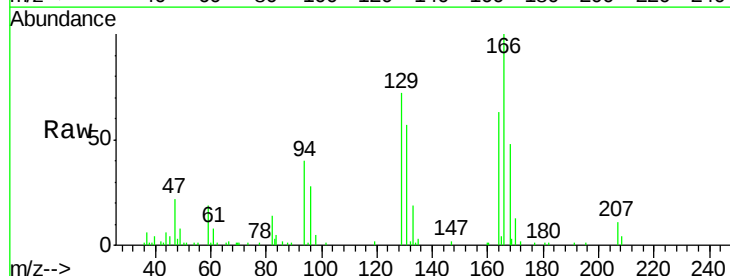


Abundance Ion 96.95 (96.65 to 97.65): VX0
 Ion 99.05 (98.75 to 99.75): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 85.00 (84.70 to 85.70): VX0

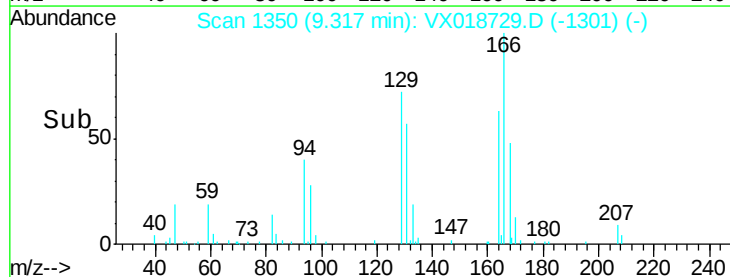
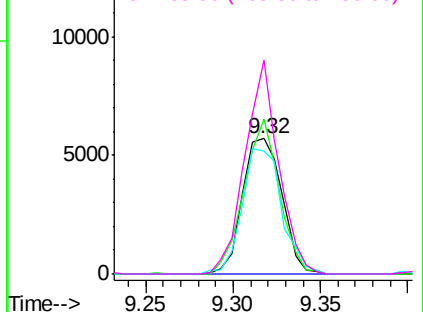


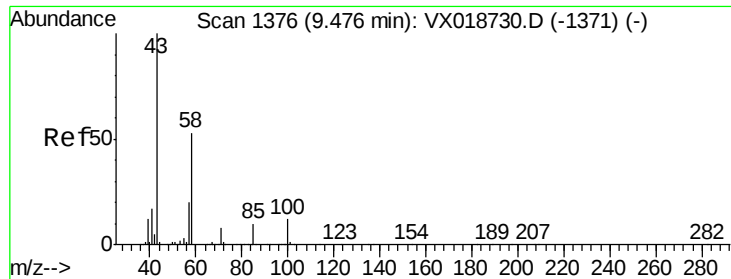
#49
 Tetrachloroethene
 Concen: 1.073 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX018729.D
 Acq: 01 Oct 2020 16:09

Tgt Ion:	164	Resp:	8975
Ion	Ratio	Lower	Upper
164	100		
129	114.2	64.1	119.1
131	90.4	68.3	126.9
166	157.9	81.3	150.9#



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

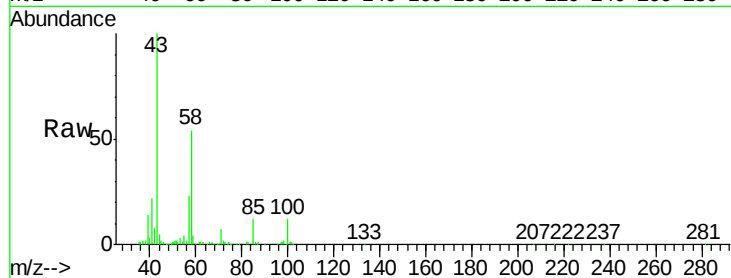




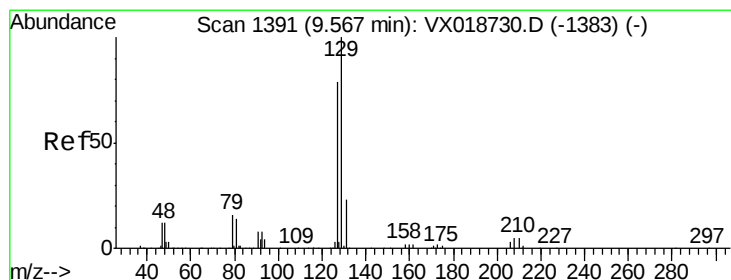
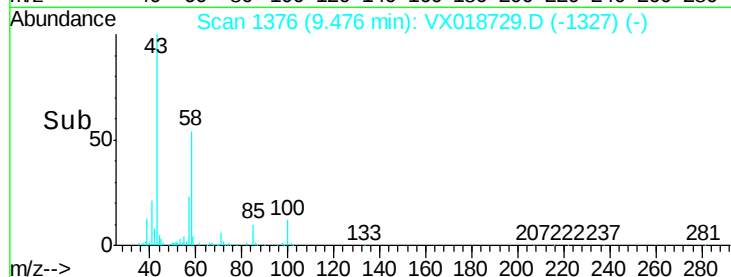
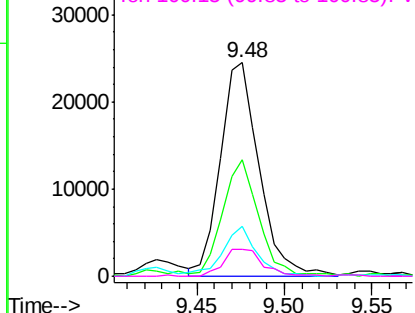
#50
2-Hexanone
Concen: 10.085 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018729.D
Acq: 01 Oct 2020 16:09

Instrument :
MSVOA_X
ClientSampleId :
VBLK76

Tgt Ion:	43	Resp:	37889
Ion	Ratio	Lower	Upper
43	100		
58	50.8	43.4	65.2
57	20.7	16.2	24.4
100	12.9	9.8	14.6

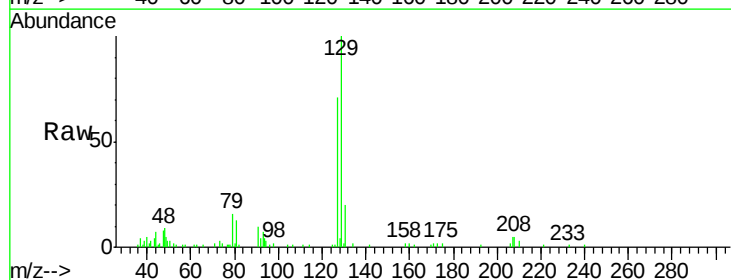


Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 57.20 (56.90 to 57.90): VX0
Ion 100.15 (99.85 to 100.85): V

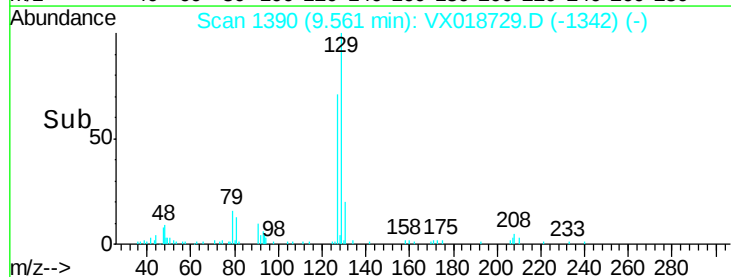
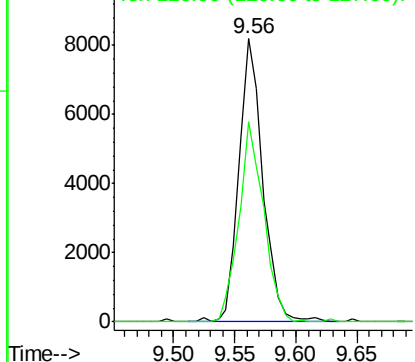


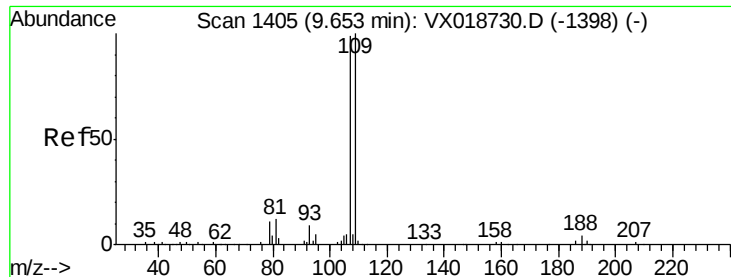
#51
Dibromochloromethane
Concen: 1.194 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018729.D
Acq: 01 Oct 2020 16:09

Tgt Ion:	129	Resp:	11012
Ion	Ratio	Lower	Upper
129	100		
127	70.9	54.9	102.1



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#52

1,2-Dibromoethane

Concen: 1.062 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

VBLK76

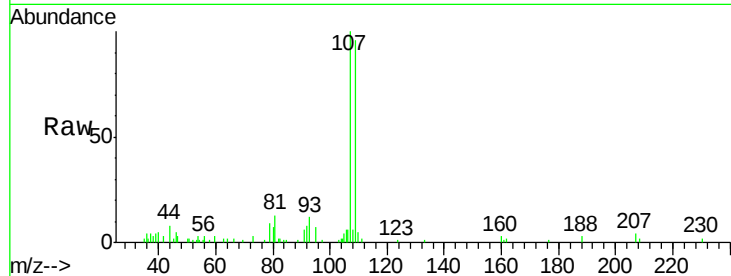
Tgt Ion:107 Resp: 6755

Ion Ratio Lower Upper

107 100

109 95.7 70.6 131.2

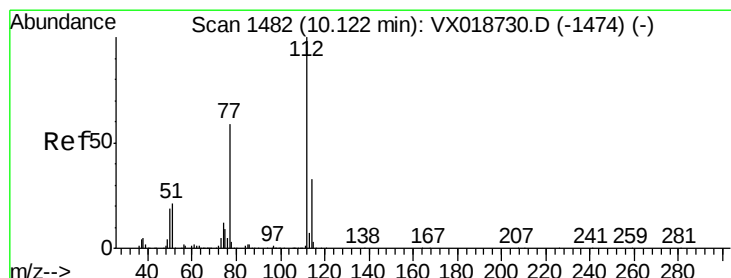
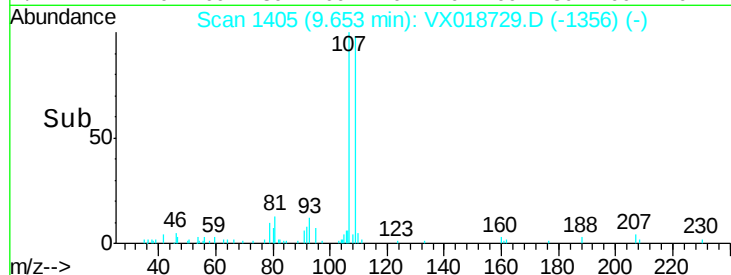
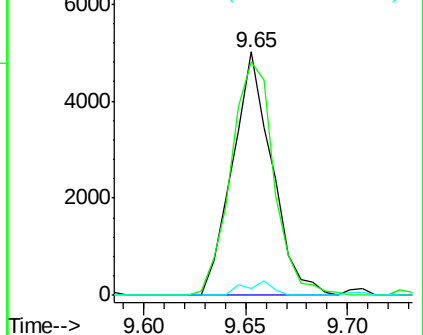
188 3.0 3.0 4.6#



Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#53

Chlorobenzene

Concen: 1.135 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

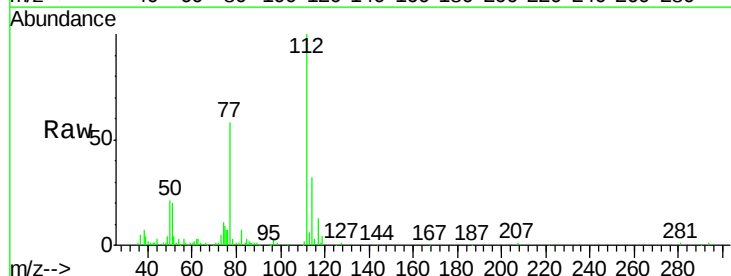
Tgt Ion:112 Resp: 29063

Ion Ratio Lower Upper

112 100

114 31.9 23.3 43.3

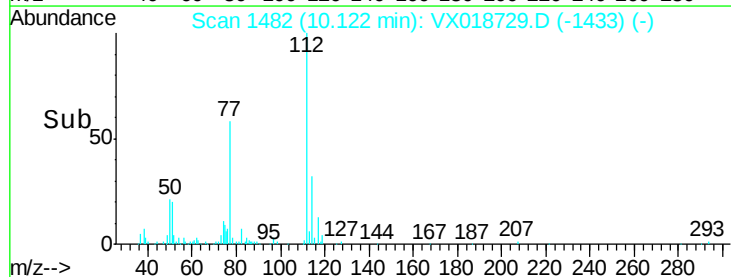
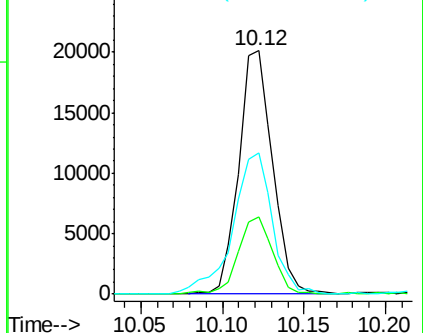
77 58.1 47.4 71.2

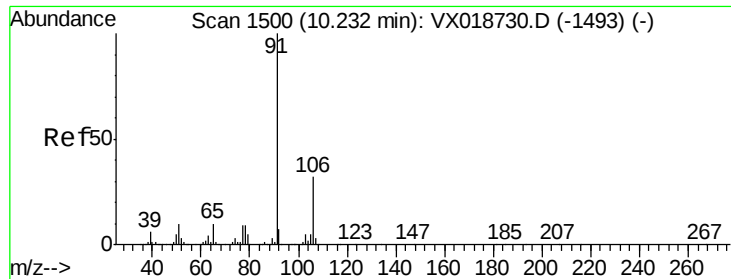


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V





#54

Ethylbenzene

Concen: 1.040 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

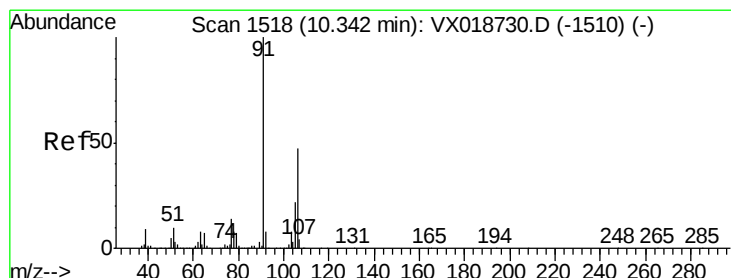
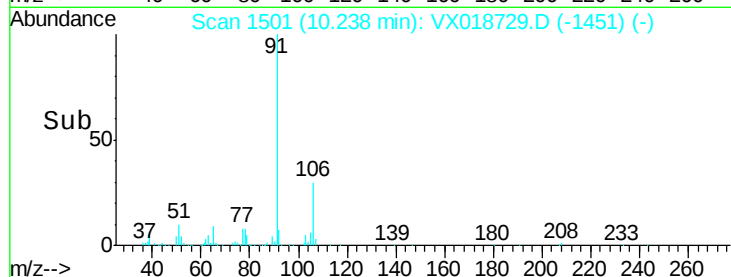
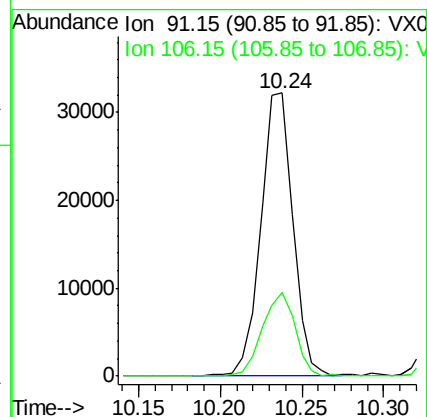
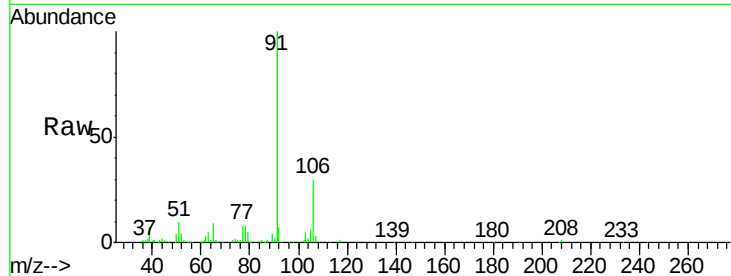
VBLK76

Tgt Ion: 91 Resp: 44195

Ion Ratio Lower Upper

91 100

106 29.7 22.4 41.6



#55

m,p-xylene

Concen: 0.987 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018729.D

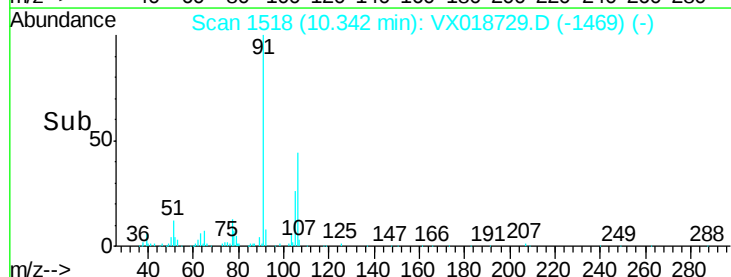
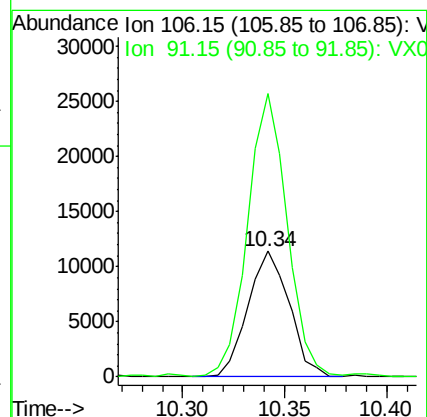
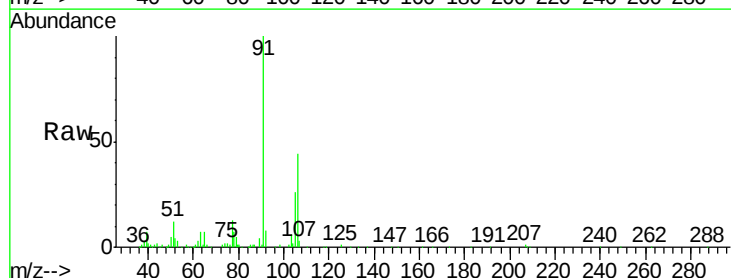
Acq: 01 Oct 2020 16:09

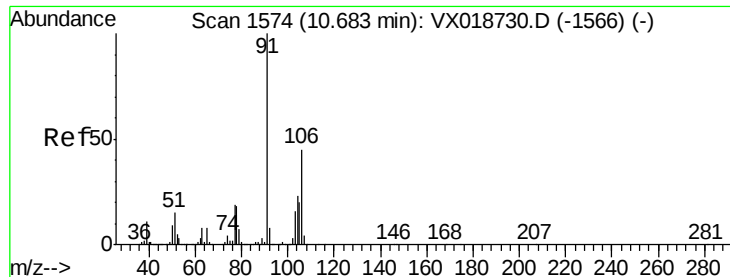
Tgt Ion: 106 Resp: 16118

Ion Ratio Lower Upper

106 100

91 225.1 149.8 278.2





#56

o-xylene

Concen: 1.031 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

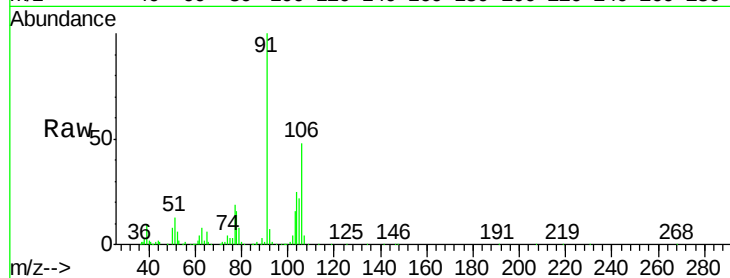
VBLK76

Tgt Ion:106 Resp: 15912

Ion Ratio Lower Upper

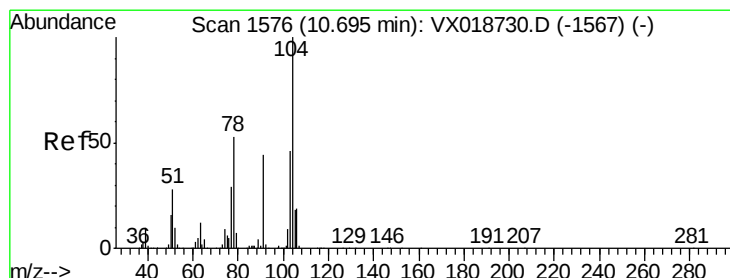
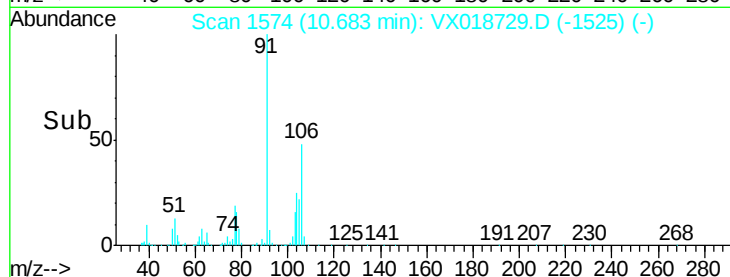
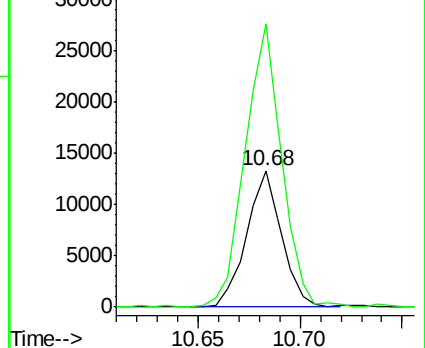
106 100

91 207.8 156.8 291.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#57

Styrene

Concen: 1.002 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX018729.D

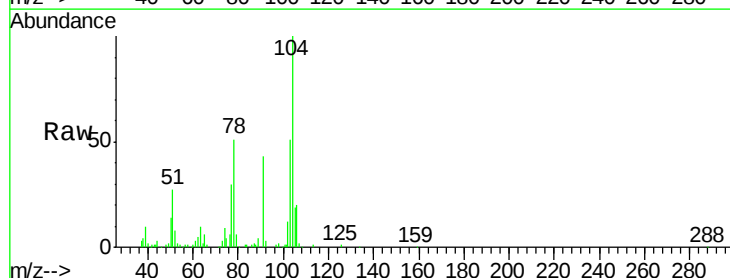
Acq: 01 Oct 2020 16:09

Tgt Ion:104 Resp: 25417

Ion Ratio Lower Upper

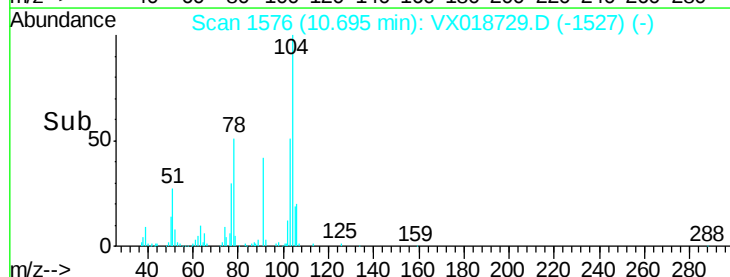
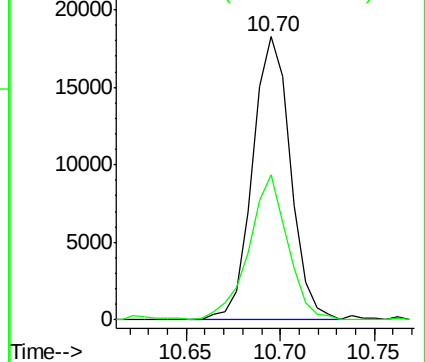
104 100

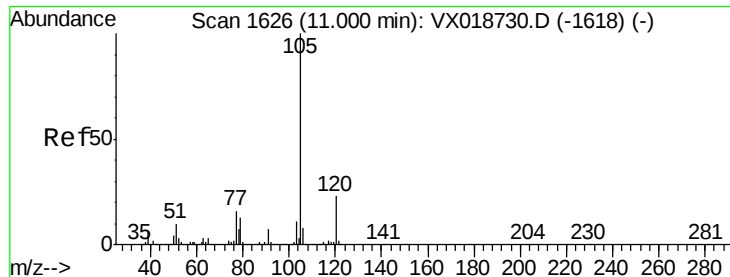
78 51.3 37.0 68.8



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0





#58

Isopropylbenzene

Concen: 1.004 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

VBLK76

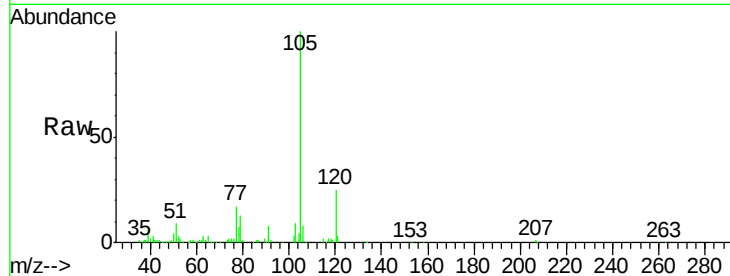
Tgt Ion: 105 Resp: 41827

Ion Ratio Lower Upper

105 100

120 27.2 19.4 29.2

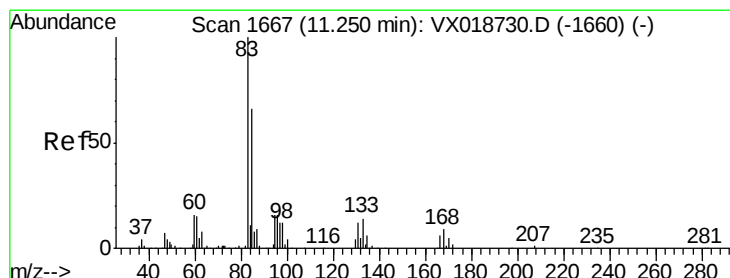
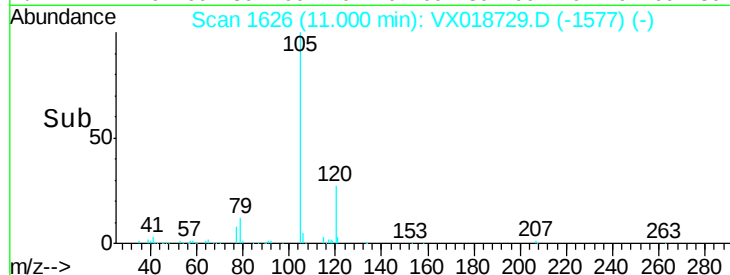
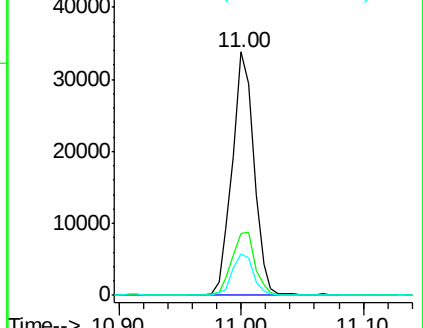
77 16.7 13.1 19.7



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



#60

1,1,2,2-Tetrachloroethane

Concen: 1.072 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

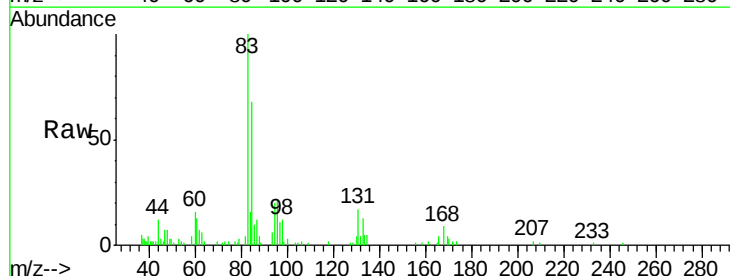
Tgt Ion: 83 Resp: 8283

Ion Ratio Lower Upper

83 100

85 67.5 45.8 85.2

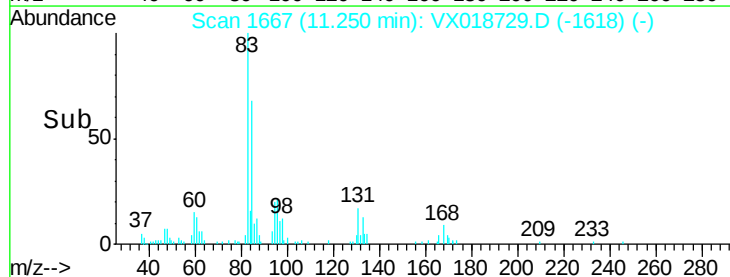
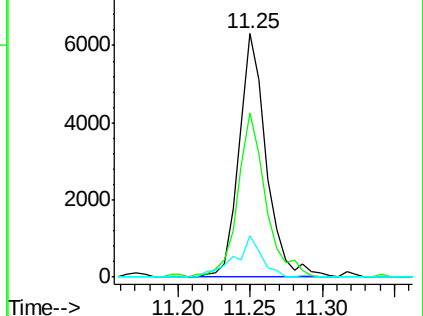
131 17.2 9.6 14.4#

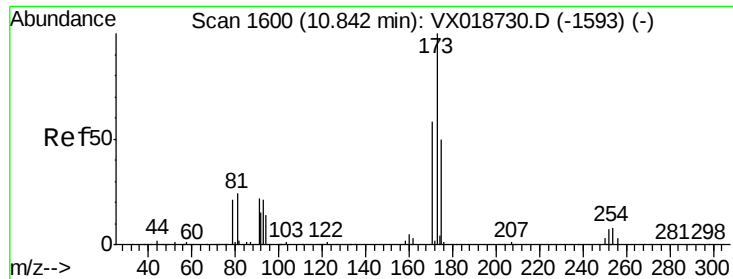


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 1.214 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

Instrument :

MSVOA_X

ClientSampleId :

VBLK76

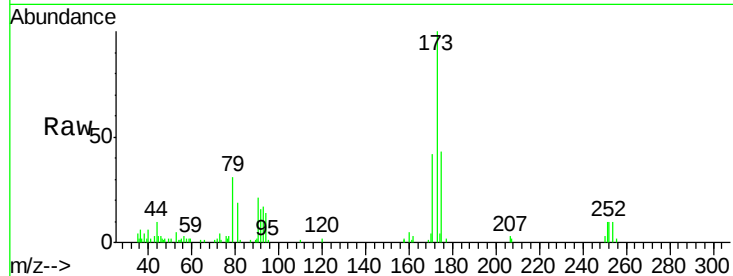
Tgt Ion:173 Resp: 6066

Ion Ratio Lower Upper

173 100

175 50.3 39.0 58.4

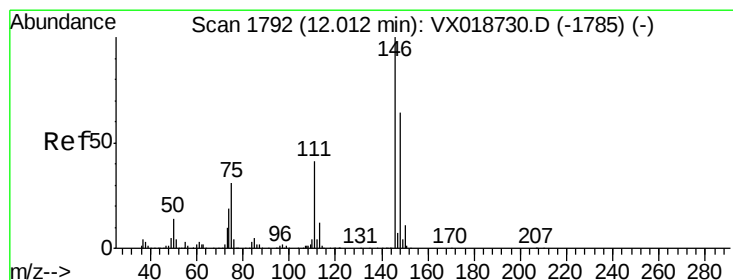
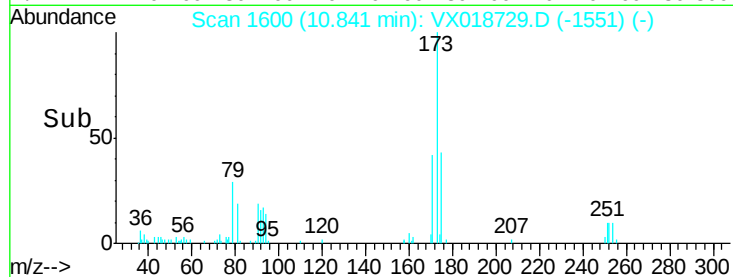
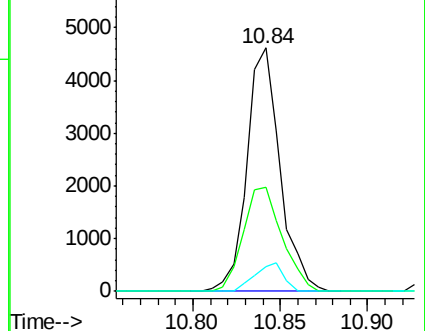
254 10.1 7.4 11.0



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 1.080 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018729.D

Acq: 01 Oct 2020 16:09

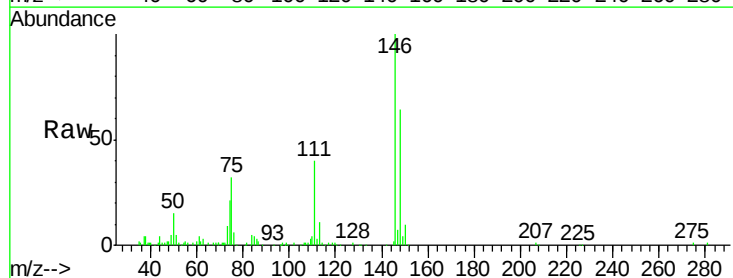
Tgt Ion:146 Resp: 21620

Ion Ratio Lower Upper

146 100

111 40.0 28.3 52.7

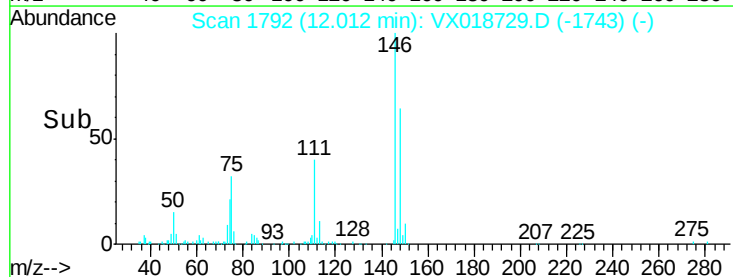
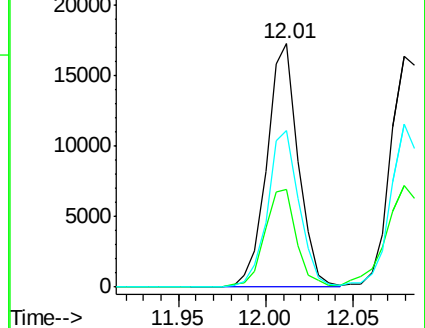
148 64.1 44.6 82.8

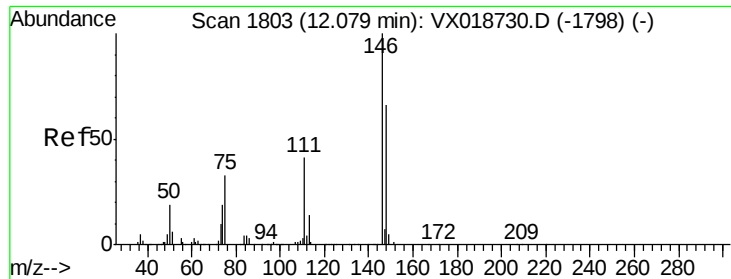


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

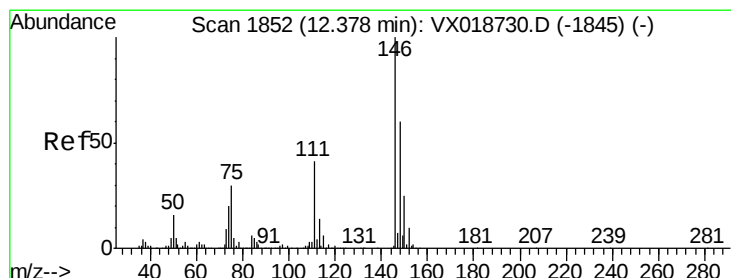
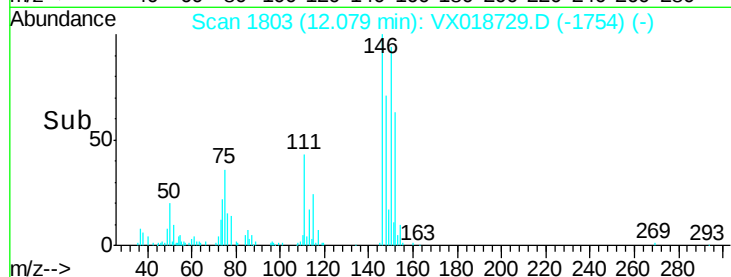
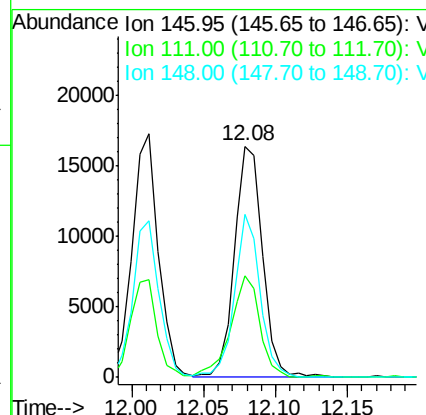
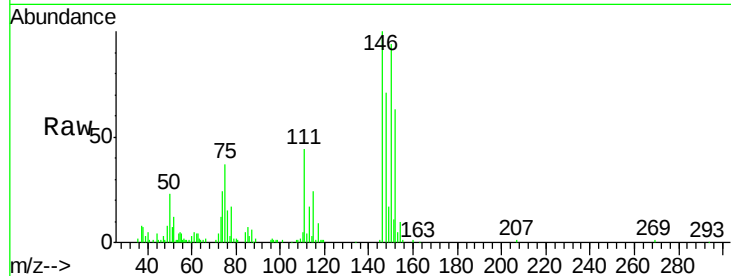




#64
 1,4-Dichlorobenzene
 Concen: 1.101 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018729.D
 Acq: 01 Oct 2020 16:09

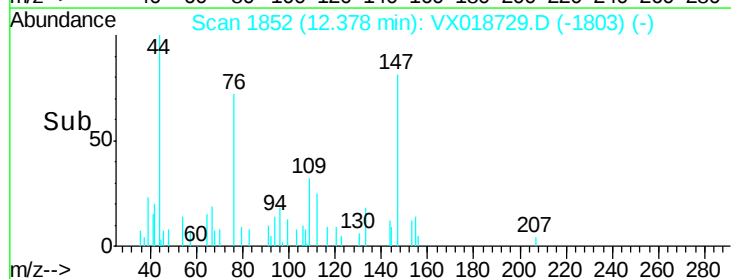
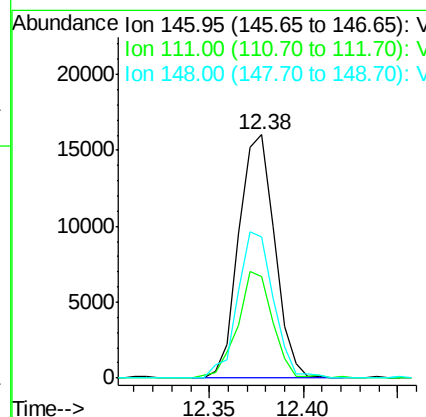
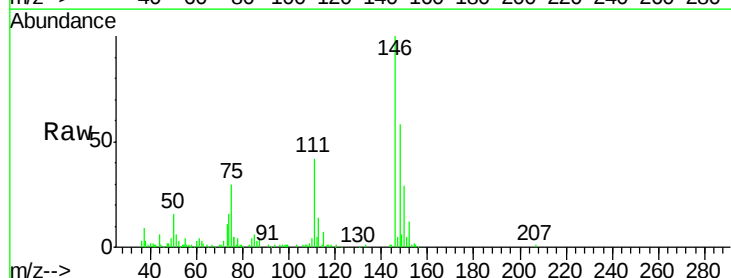
Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK76

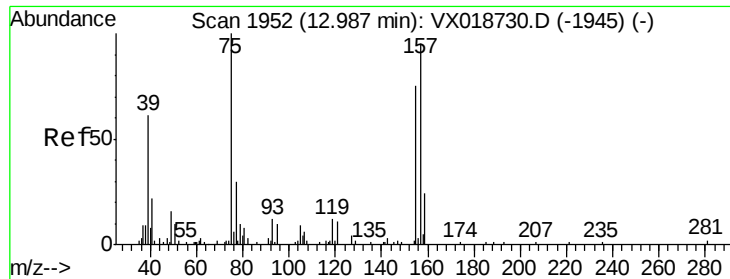
Tgt Ion:146 Resp: 22465
 Ion Ratio Lower Upper
 146 100
 111 43.9 29.0 53.8
 148 70.6 46.3 85.9



#66
 1,2-Dichlorobenzene
 Concen: 1.136 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018729.D
 Acq: 01 Oct 2020 16:09

Tgt Ion:146 Resp: 21234
 Ion Ratio Lower Upper
 146 100
 111 41.9 33.1 49.7
 148 58.0 48.2 72.2

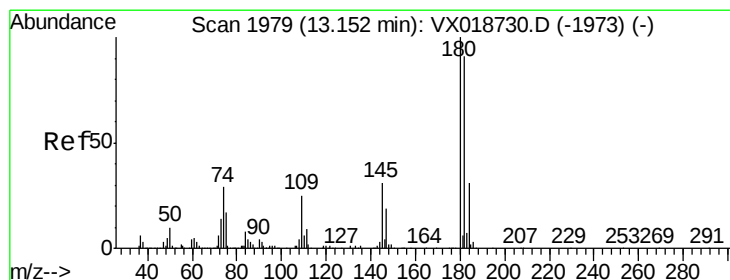
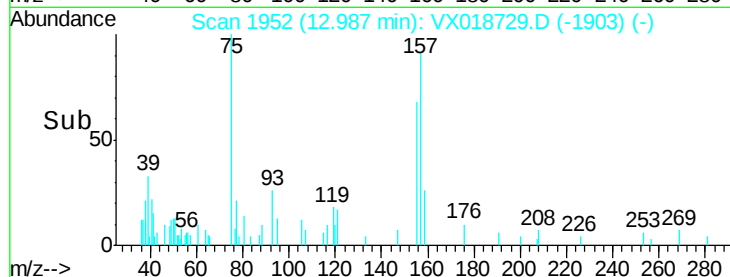
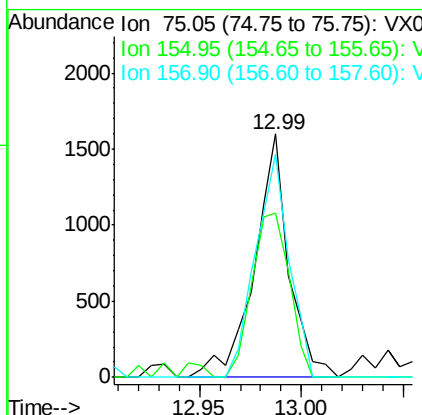
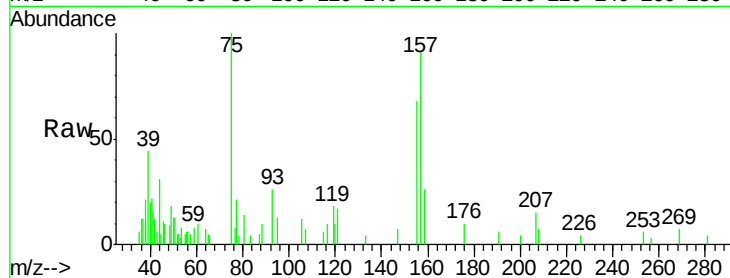




#67
 1,2-Dibromo-3-chloropropane
 Concen: 1.180 ug/L
 RT: 12.99 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VX018729.D
 Acq: 01 Oct 2020 16:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK76

Tgt Ion: 75 Resp: 1876
 Ion Ratio Lower Upper
 75 100
 155 67.6 60.2 90.4
 157 91.4 76.1 114.1



#68
 1,3,5-Trichlorobenzene
 Concen: 1.040 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX018729.D
 Acq: 01 Oct 2020 16:09

Tgt Ion: 180 Resp: 15785
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.2 114.2
 184 30.0 24.7 37.1
 145 30.2 25.0 37.4

