

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
 Data File : VX018817.D
 Acq On : 07 Oct 2020 17:40
 Operator : JC/SP
 Sample : L4240-10
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3S8

Quant Time: Oct 08 01:19:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 08 01:16:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	166454	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	149489	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	74193	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	39413	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.70	69	33714	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.34	63	60219	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.53	46	152467	59.78	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.56%
24) Chloroform-d	5.14	84	107589	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	6.03	65	64121	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	6.05	84	191531	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	7.37	67	60894	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	8.70	98	187741	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
45) trans-1,3-Dichloropropene-	8.99	79	31321	5.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.40%
48) 2-Hexanone-d5	9.43	63	127846	66.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.04%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	46666	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	71114	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	844	0.105	ug/L	88
5) Vinyl chloride	1.39	62	1301	0.145	ug/L #	1
12) 1,1-Dichloroethene	2.34	96	1211	0.146	ug/L #	1
13) Acetone	2.43	43	7726	5.549	ug/L	88
14) Carbon disulfide	2.55	76	13700	0.528	ug/L	100
16) Methylene chloride	2.82	84	6040	0.601	ug/L #	1
17) Methyl tert-butyl Ether	3.18	73	16171	0.756	ug/L #	1
18) trans-1,2-Dichloroethene	3.13	96	730	0.082	ug/L #	1
19) 1,1-Dichloroethane	3.58	63	519816	32.934	ug/L #	1
21) 2-Butanone	4.65	43	6417	3.166	ug/L	82
22) cis-1,2-Dichloroethene	4.57	96	712	0.078	ug/L #	62
27) 1,2-Dichloroethane	6.17	62	1893	0.144	ug/L #	85
29) 1,1,1-Trichloroethane	5.45	97	1706	0.096	ug/L #	61
30) Cyclohexane	5.55	56	307504	25.071	ug/L	95
33) Benzene	6.11	78	11021	0.352	ug/L	100
35) Methylcyclohexane	7.44	83	95968	7.327	ug/L	93
37) 1,2-Dichloropropane	7.49	63	837	0.107	ug/L #	82

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

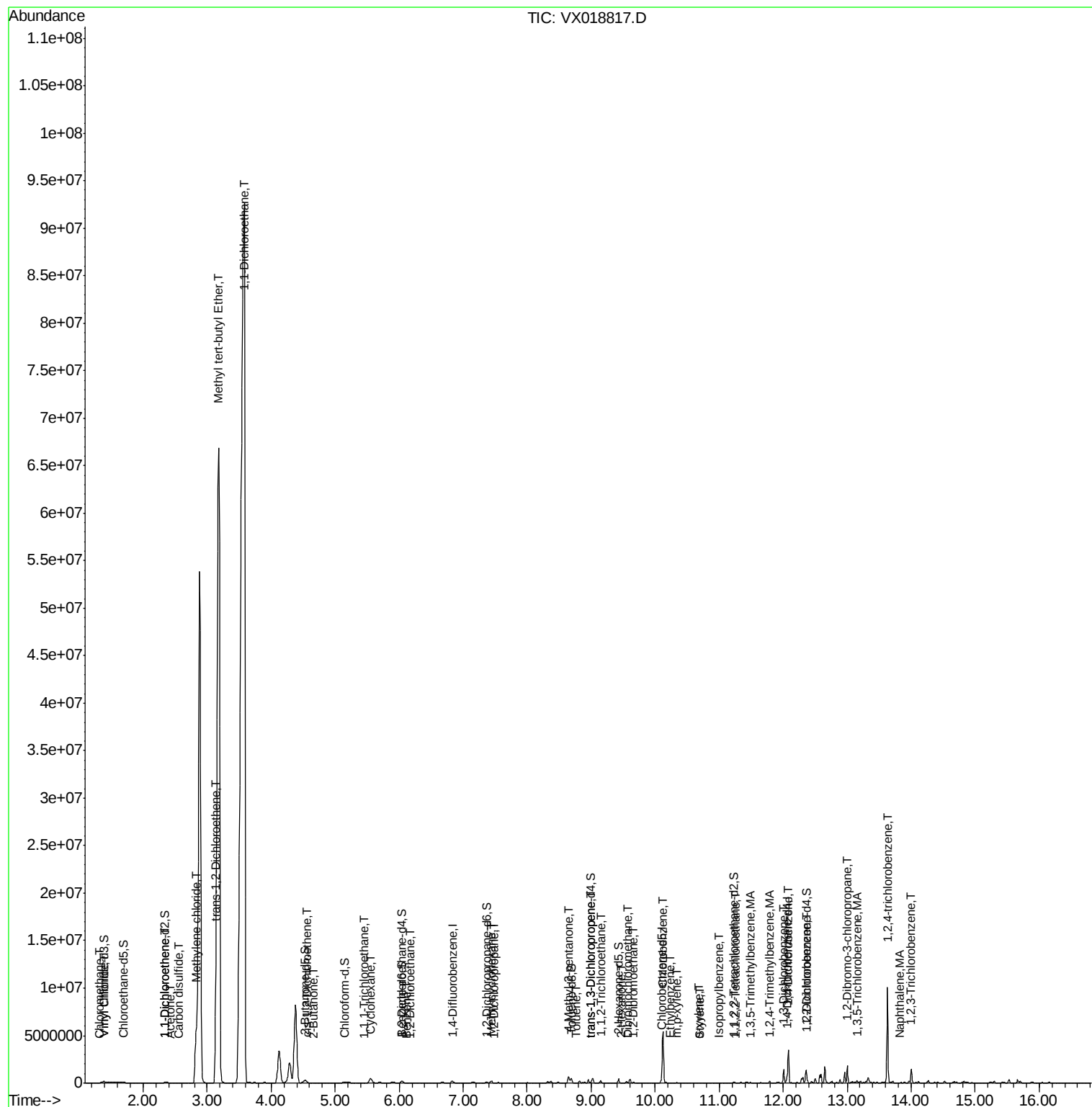
40) 4-Methyl-2-pentanone	8.65	43	33225	7.313	ug/L #	54
42) Toluene	8.77	91	14176	0.414	ug/L	91
43) 1,3,5-Trimethylbenzene	11.49	105	30773	0.949	ug/L	93
44) 1,2,4-Trimethylbenzene	11.79	105	75358	2.290	ug/L	95
46) trans-1,3-Dichloropropene	8.99	75	2624	0.227	ug/L	97
47) 1,1,2-Trichloroethane	9.15	97	87235	14.739	ug/L #	21
50) 2-Hexanone	9.48	43	11024	3.341	ug/L	97
51) Dibromochloromethane	9.57	129	636	0.074	ug/L	80
52) 1,2-Dibromoethane	9.65	107	626	0.105	ug/L #	1
53) Chlorobenzene	10.12	112	2254569	96.223	ug/L	94
54) Ethylbenzene	10.23	91	15405	0.401	ug/L	93
55) m,p-xylene	10.34	106	11226	0.749	ug/L	87
56) o-xylene	10.68	106	3313	0.239	ug/L #	59
57) Styrene	10.70	104	1543	0.065	ug/L	81
58) Isopropylbenzene	11.00	105	15230	0.393	ug/L	94
60) 1,1,2,2-Tetrachloroethane	11.26	83	1722	0.263	ug/L #	90
63) 1,3-Dichlorobenzene	12.01	146	411470	22.817	ug/L	99
64) 1,4-Dichlorobenzene	12.09	146	1082944	60.216	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	72244	4.291	ug/L	99
67) 1,2-Dibromo-3-chloropropan	13.00	75	6464	4.505	ug/L #	7
68) 1,3,5-Trichlorobenzene	13.15	180	53042	3.821	ug/L	94
69) 1,2,4-trichlorobenzene	13.63	180	2308116	200.293	ug/L	98
70) Naphthalene	13.82	128	14352	0.762	ug/L #	86
71) 1,2,3-Trichlorobenzene	14.00	180	348355	33.598	ug/L	99

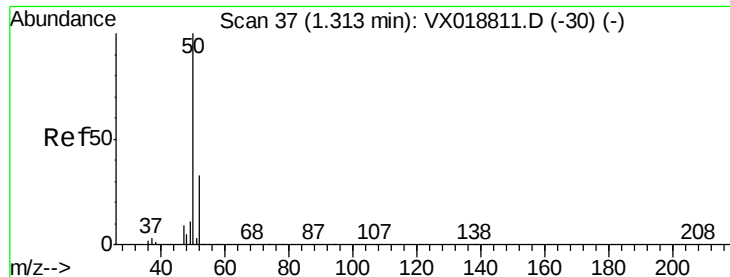
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.105 ug/L

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

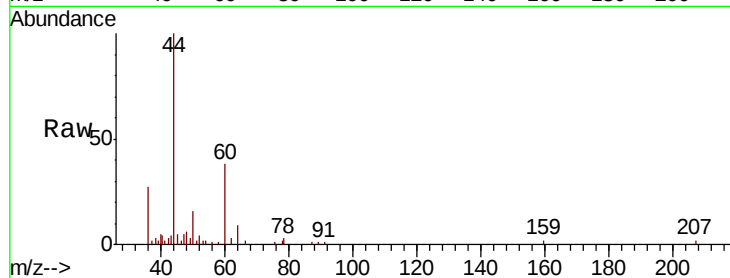
BG3S8

Tot Ion: 50 Resp: 844

Ion Ratio Lower Upper

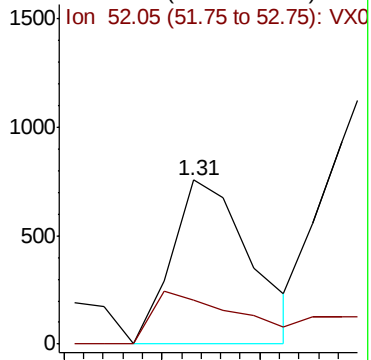
50 100

52 26.6 23.4 43.6

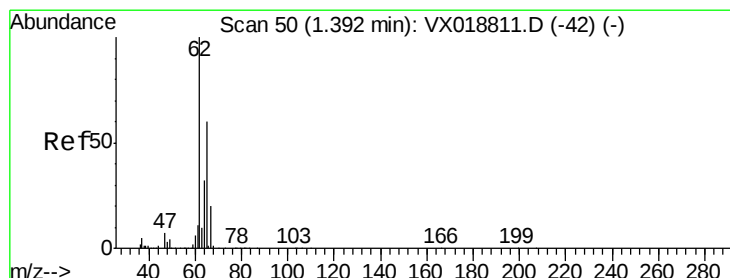
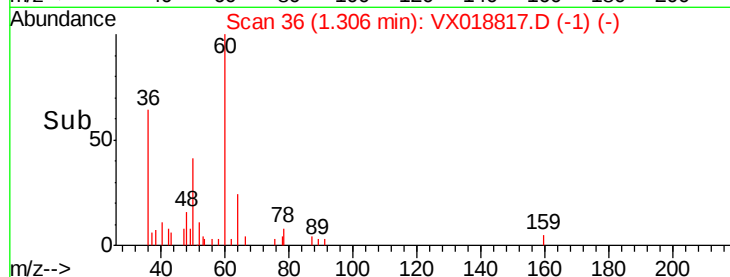


Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



Time-->



#5

Vinyl chloride

Concen: 0.145 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018817.D

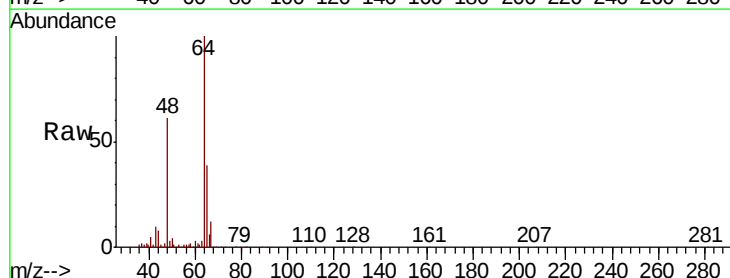
Acq: 07 Oct 2020 17:40

Tgt Ion: 62 Resp: 1301

Ion Ratio Lower Upper

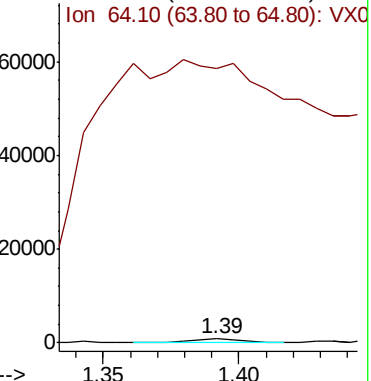
62 100

64 6963.1 24.3 45.1#

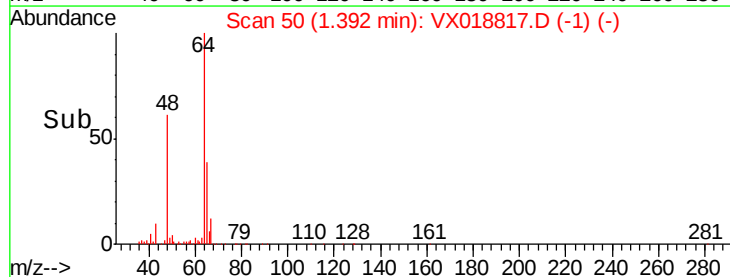


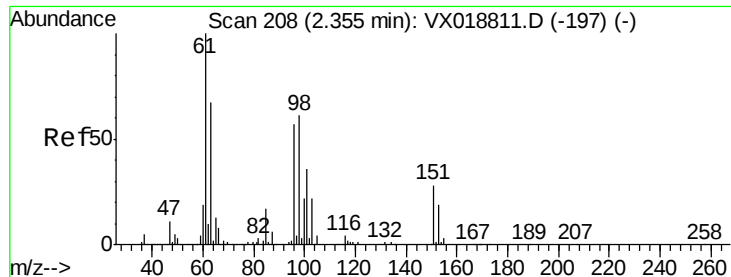
Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0



Time-->





#12

1,1-Dichloroethene

Concen: 0.146 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

BG3S8

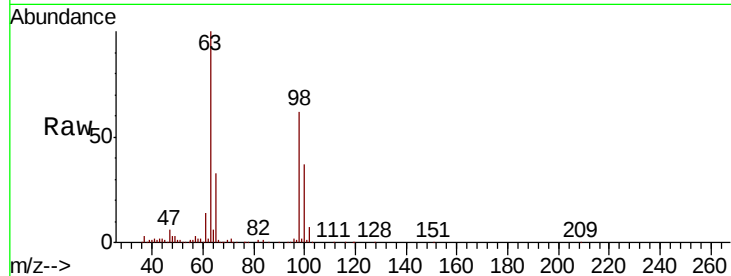
Tot Ion: 96 Resp: 1211

Ion Ratio Lower Upper

96 100

61 908.4 133.2 247.4#

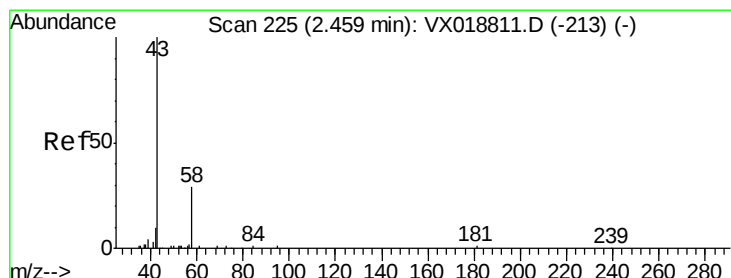
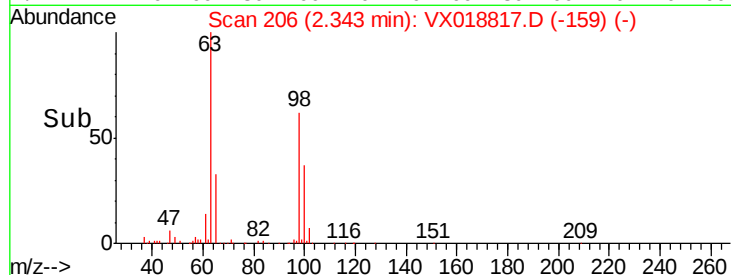
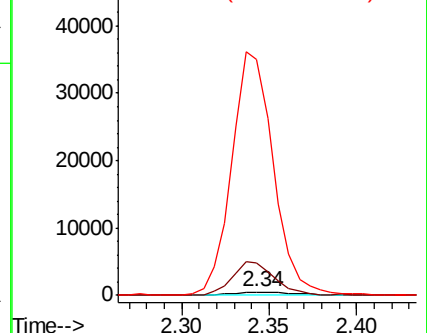
63 6563.0 115.1 213.7#



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: 5.549 ug/L

RT: 2.43 min Scan# 221

Delta R.T. -0.02 min

Lab File: VX018817.D

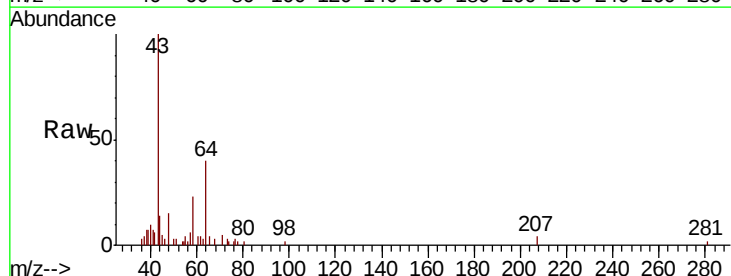
Acq: 07 Oct 2020 17:40

Tgt Ion: 43 Resp: 7726

Ion Ratio Lower Upper

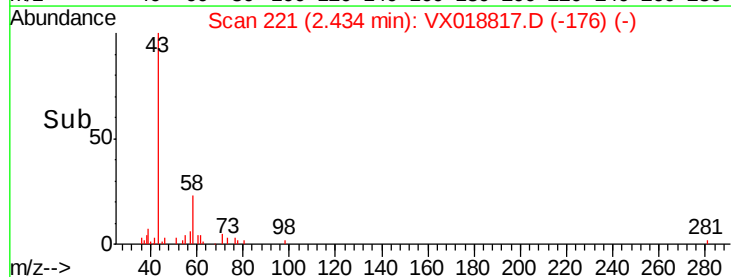
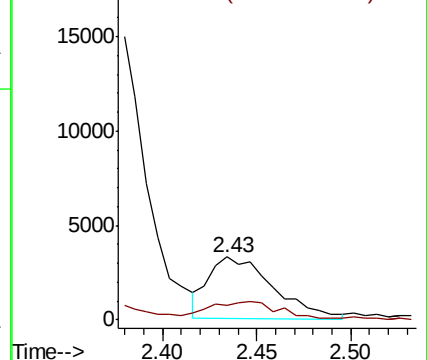
43 100

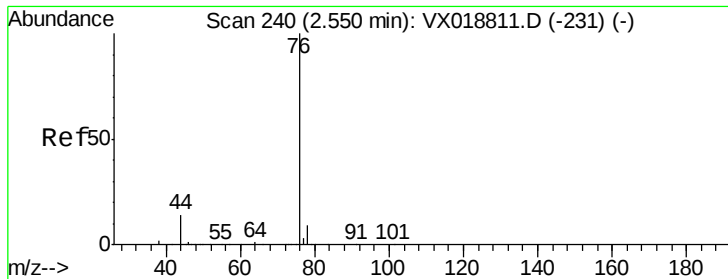
58 34.4 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0





#14

Carbon disulfide

Concen: 0.528 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

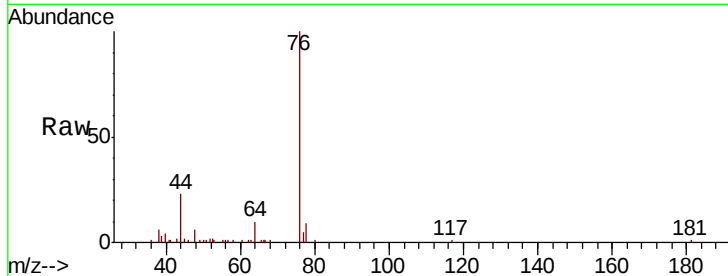
BG3S8

Tot Ion: 76 Resp: 13700

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

8000

6000

4000

2000

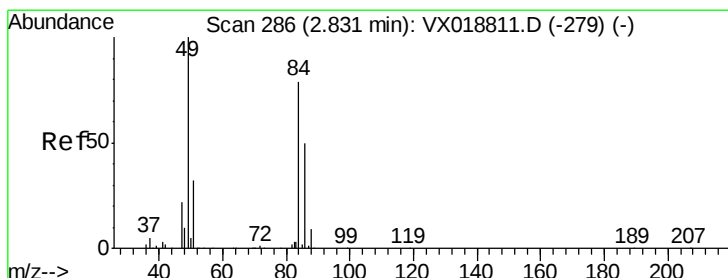
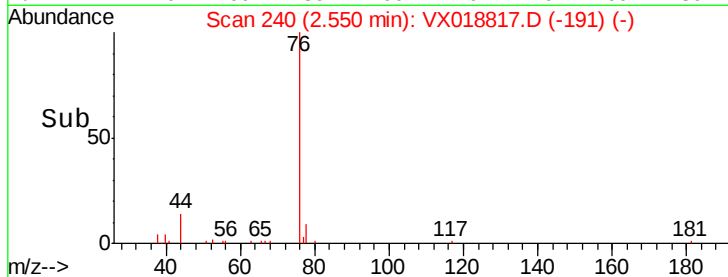
0

Time-->

2.50

2.55

2.60



#16

Methylene chloride

Concen: 0.601 ug/L

RT: 2.82 min Scan# 285

Delta R.T. -0.01 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

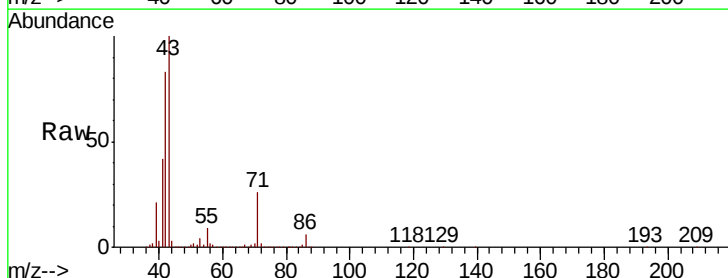
Tgt Ion: 84 Resp: 6040

Ion Ratio Lower Upper

84 100

86 4559.2 45.6 84.8#

49 120.1 85.8 159.3



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

1000000

800000

600000

400000

200000

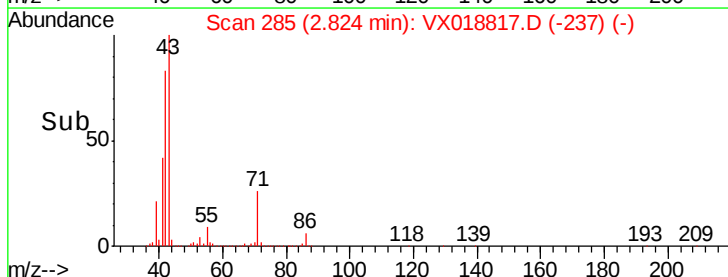
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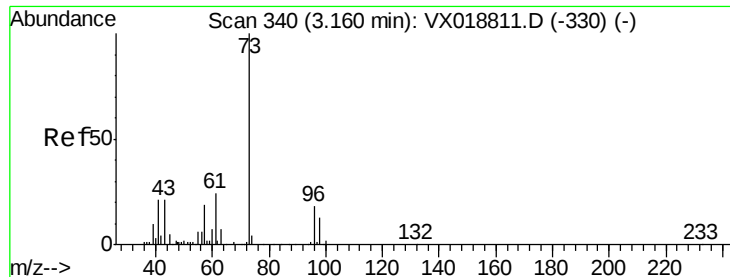
Time-->

2.75

2.80

2.85

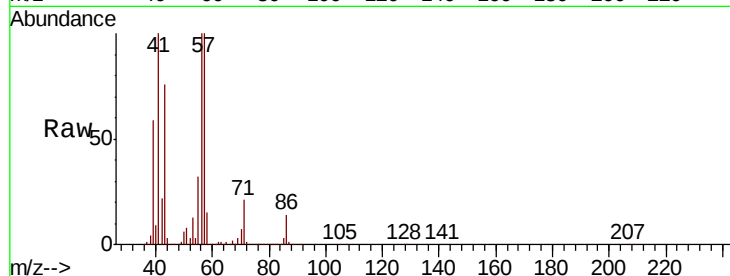




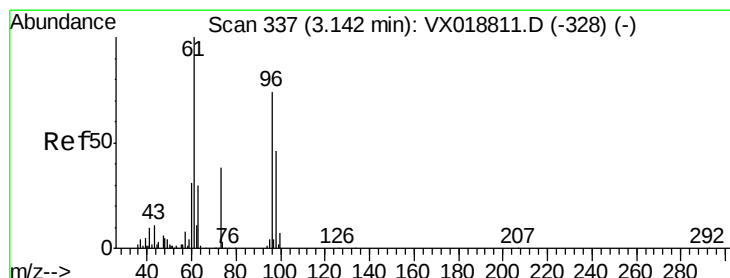
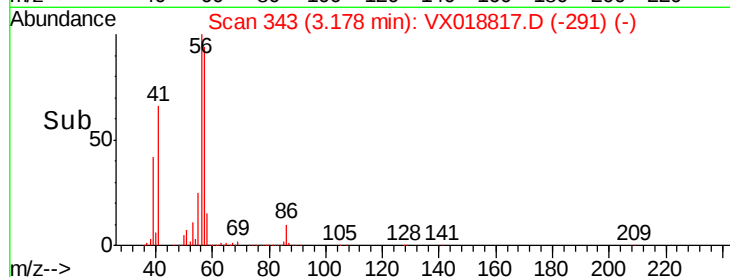
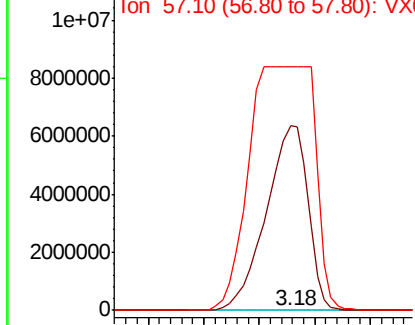
#17
Methvl tert-butvl Ether
Concen: 0.756 ug/L
RT: 3.18 min Scan# 343
Delta R.T. 0.02 min
Lab File: VX018817.D
Acq: 07 Oct 2020 17:40

Instrument :
MSVOA_X
ClientSampleId :
BG3S8

Tot Ion: 73 Resp: 16171
Ion Ratio Lower Upper
73 100
43 102734.8 19.4 29.0#
57 0.0 17.2 25.8#

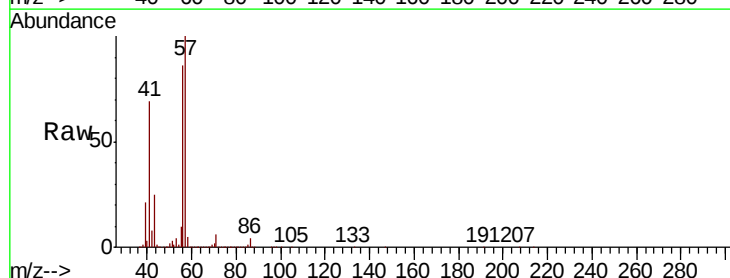


Abundance Ion 73.10 (72.80 to 73.80): VX0
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0

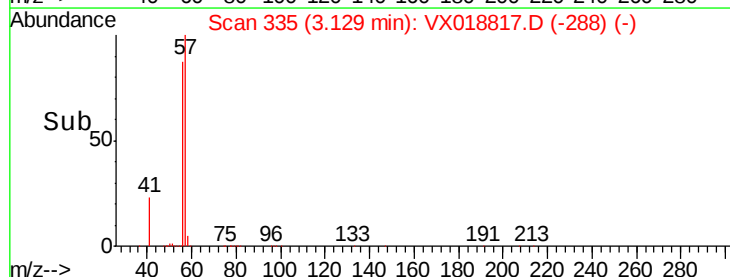
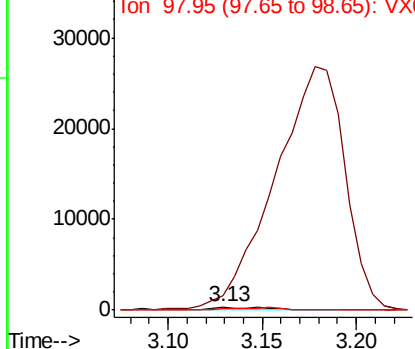


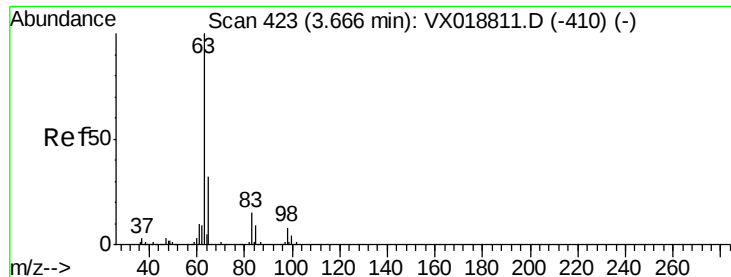
#18
trans-1,2-Dichloroethene
Concen: 0.082 ug/L
RT: 3.13 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX018817.D
Acq: 07 Oct 2020 17:40

Tgt Ion: 96 Resp: 730
Ion Ratio Lower Upper
96 100
61 430.4 97.6 181.4#
98 39.4 43.1 80.1#



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.05 (60.75 to 61.75): VX0
Ion 97.95 (97.65 to 98.65): VX0





#19

1,1-Dichloroethane

Concen: 32.934 ug/L

RT: 3.58 min Scan# 409

Delta R.T. -0.09 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampled :

BG3S8

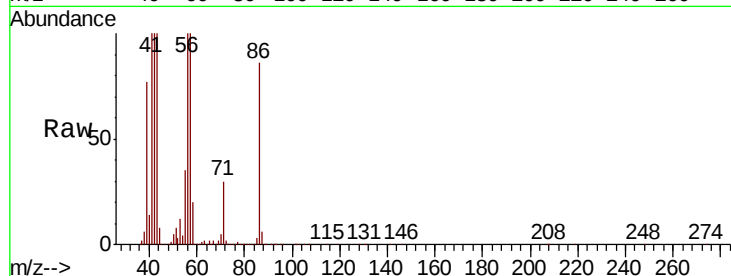
Tot Ion: 63 Resp: 519816

Ion Ratio Lower Upper

63 100

65 108.0 21.6 40.2#

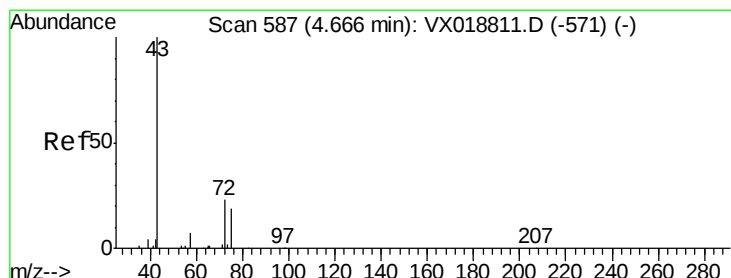
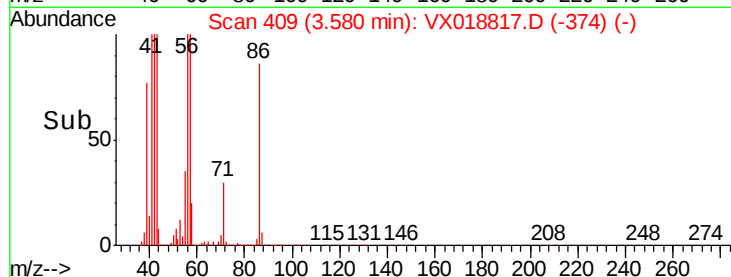
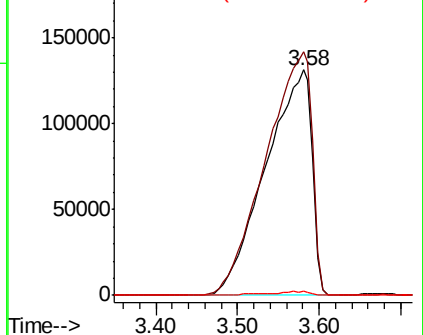
83 1.8 8.7 16.1#



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: 3.166 ug/L

RT: 4.65 min Scan# 585

Delta R.T. -0.01 min

Lab File: VX018817.D

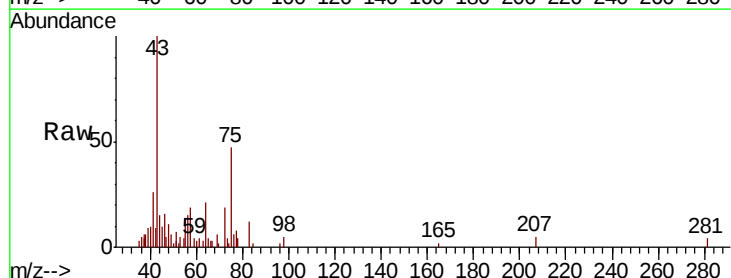
Acq: 07 Oct 2020 17:40

Tgt Ion: 43 Resp: 6417

Ion Ratio Lower Upper

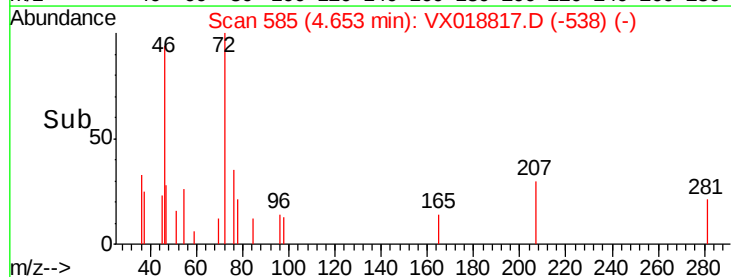
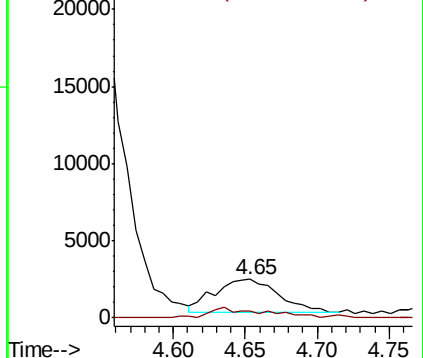
43 100

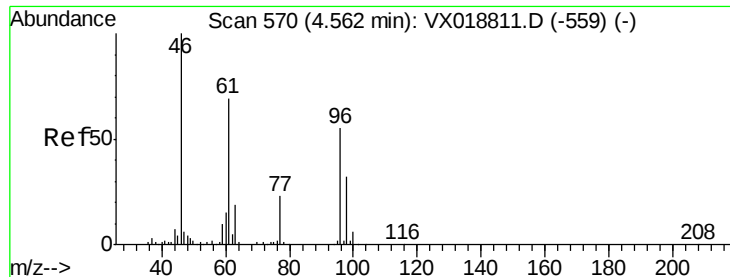
72 15.7 12.4 37.2



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: 0.078 ug/L

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampled :

BG3S8

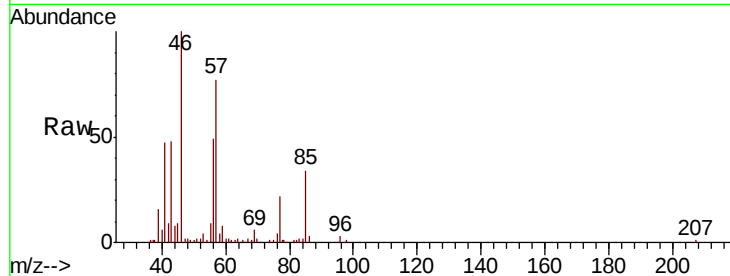
Tot Ion: 96 Resp: 712

Ion Ratio Lower Upper

96 100

61 80.3 86.2 160.0#

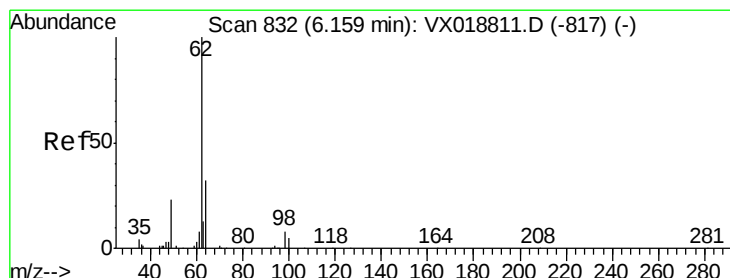
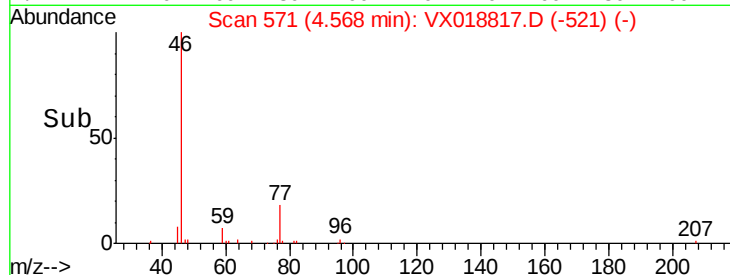
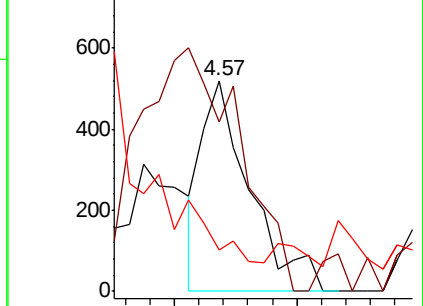
68 19.8 0.3 0.7#



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0



#27

1,2-Dichloroethane

Concen: 0.144 ug/L

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX018817.D

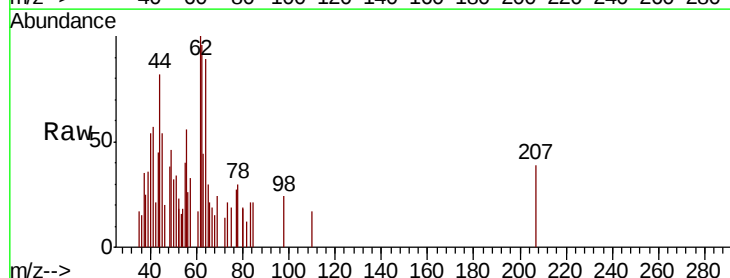
Acq: 07 Oct 2020 17:40

Tgt Ion: 62 Resp: 1893

Ion Ratio Lower Upper

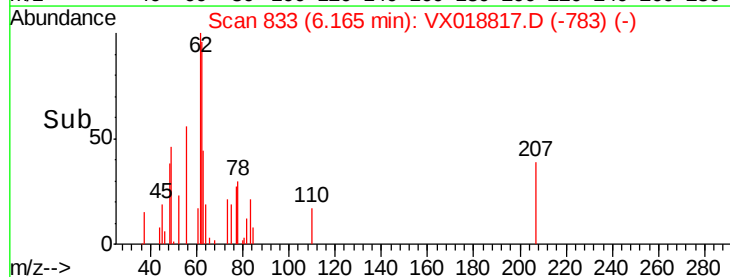
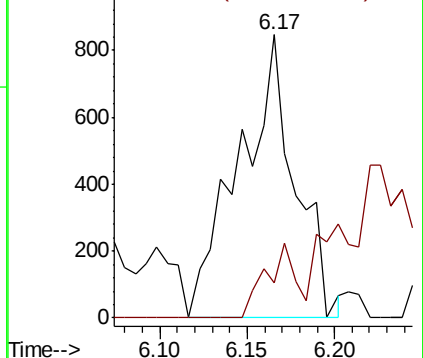
62 100

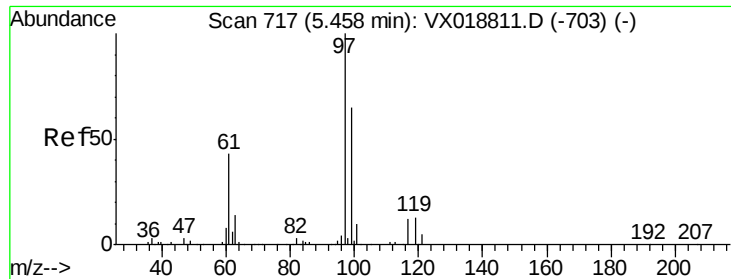
98 12.4 5.8 8.8#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0

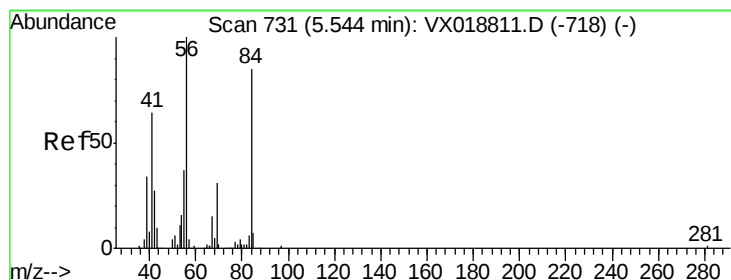
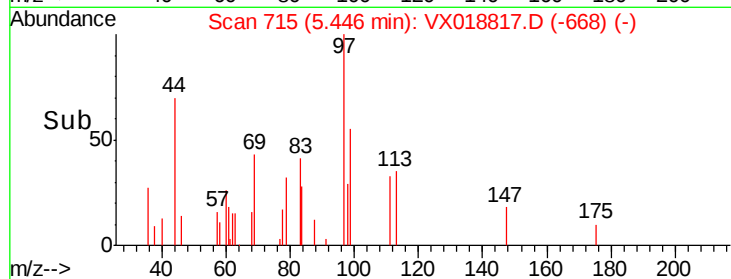
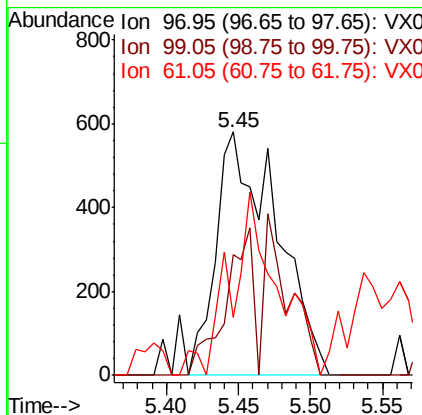
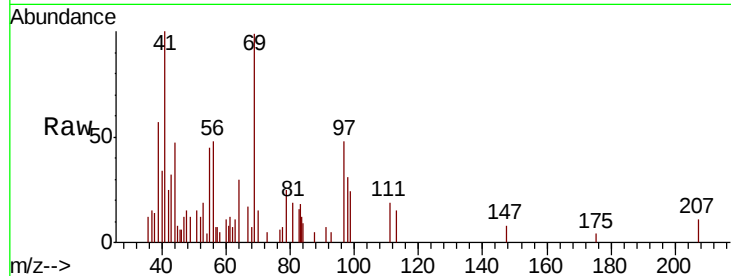




#29
 1,1,1-Trichloroethane
 Concen: 0.096 ug/L
 RT: 5.45 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: VX018817.D
 Acq: 07 Oct 2020 17:40

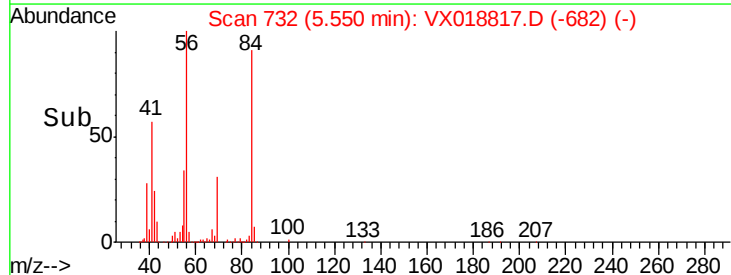
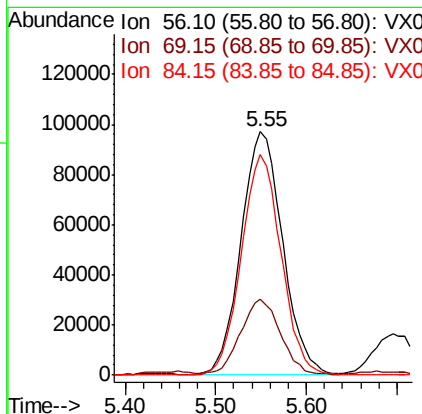
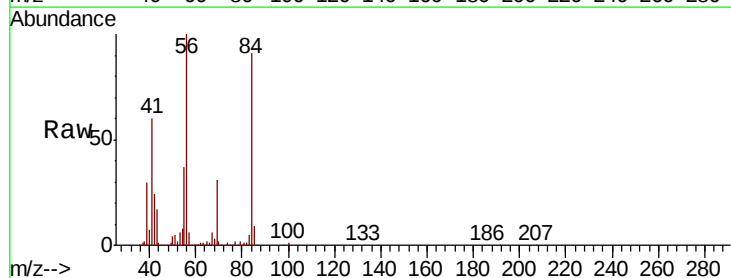
Instrument :
 MSVOA_X
 ClientSampleId :
 BG3S8

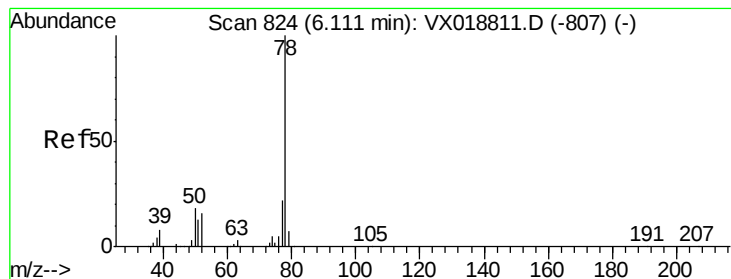
Tot Ion: 97 Resp: 1706
 Ion Ratio Lower Upper
 97 100
 99 27.7 51.3 76.9#
 61 58.5 33.3 49.9#



#30
 Cyclohexane
 Concen: 25.071 ug/L
 RT: 5.55 min Scan# 732
 Delta R.T. 0.01 min
 Lab File: VX018817.D
 Acq: 07 Oct 2020 17:40

Tgt Ion: 56 Resp: 307504
 Ion Ratio Lower Upper
 56 100
 69 29.4 26.0 39.0
 84 87.0 73.8 110.6





#33

Benzene

Concen: 0.352 ug/L

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

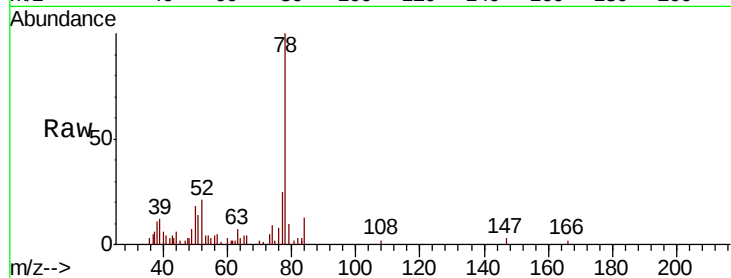
Instrument :

MSVOA_X

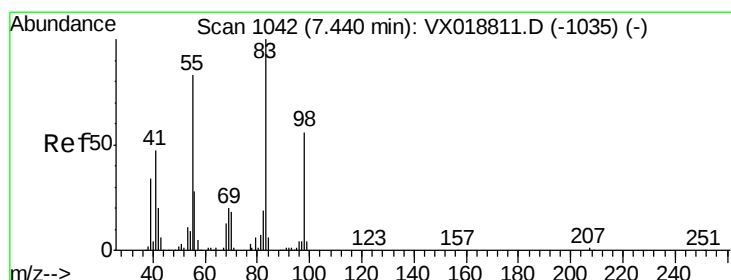
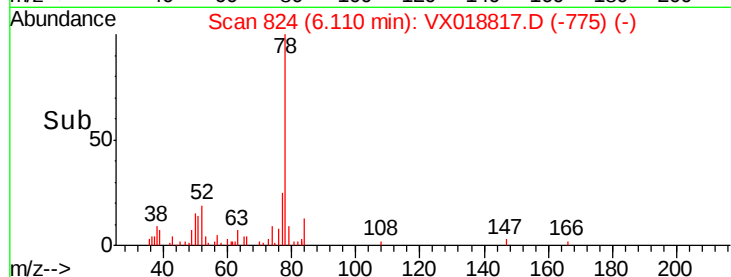
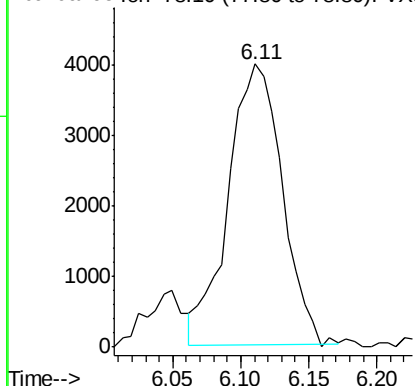
ClientSampleId :

BG3S8

Tgt Ion: 78 Resp: 11021



Abundance Ion 78.10 (77.80 to 78.80): VX0



#35

Methylcyclohexane

Concen: 7.327 ug/L

RT: 7.44 min Scan# 1042

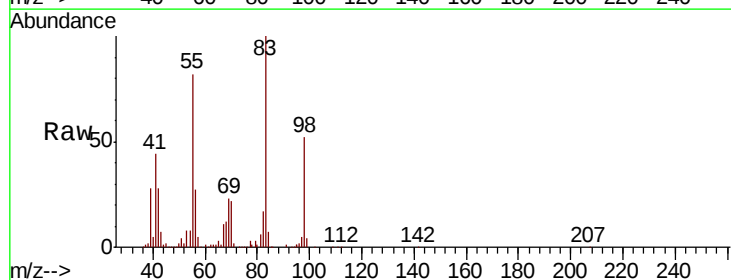
Delta R.T. -0.00 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

Tgt Ion: 83 Resp: 95968

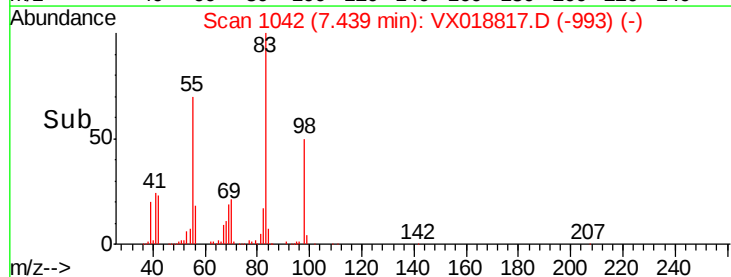
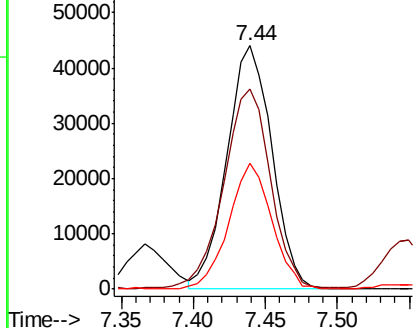
Ion	Ratio	Lower	Upper
83	100		
55	85.4	60.3	90.5
98	49.0	39.4	59.0

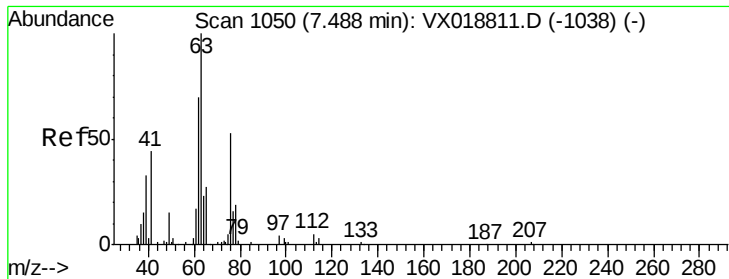


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

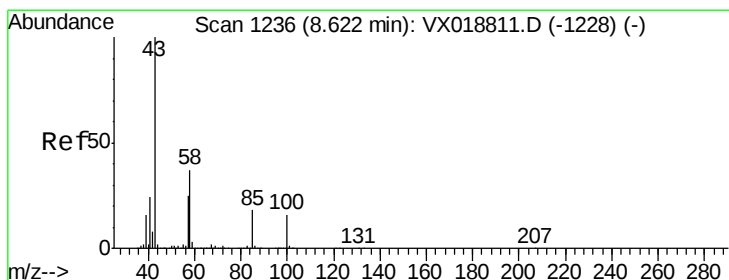
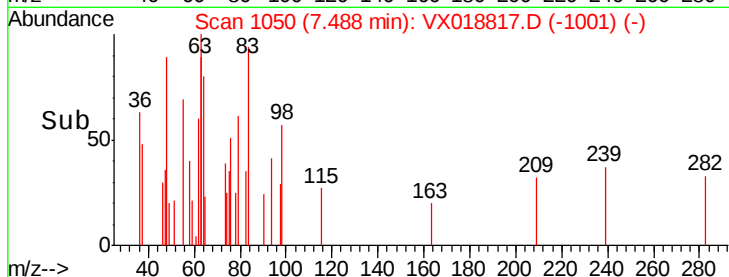
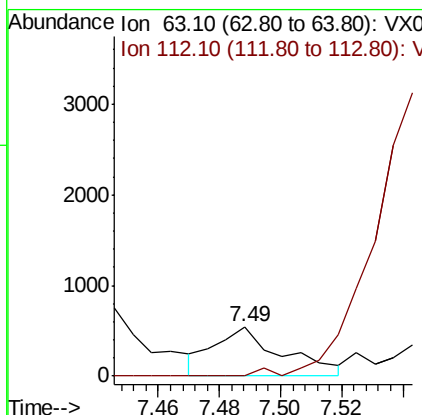
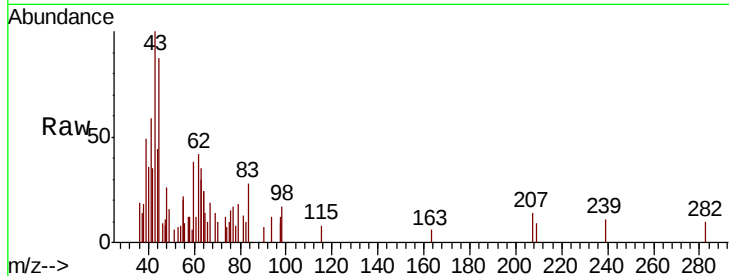




#37
 1,2-Dichloropropane
 Concen: 0.107 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX018817.D
 Acq: 07 Oct 2020 17:40

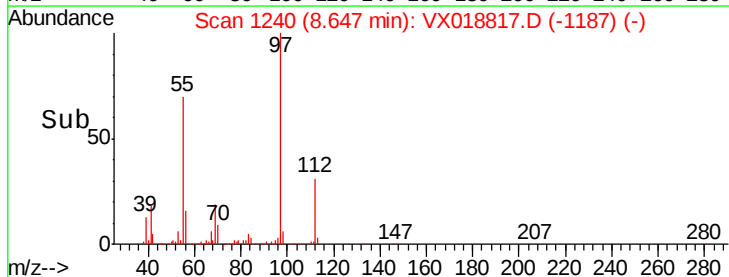
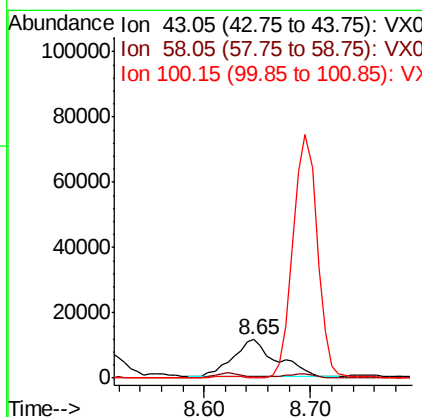
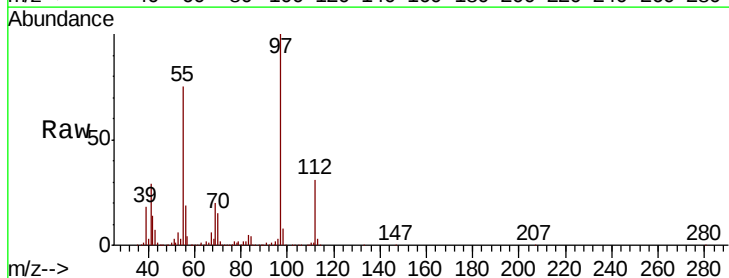
Instrument :
 MSVOA_X
 ClientSampleId :
 BG3S8

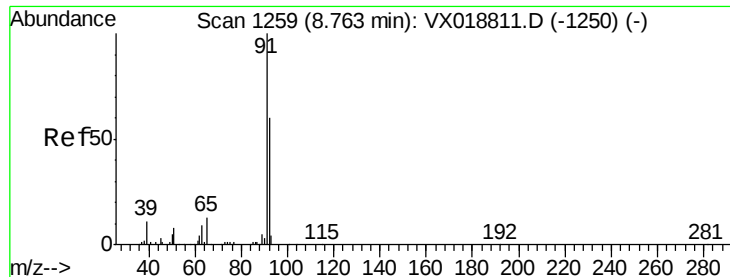
Tot Ion: 63 Resp: 837
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.7 7.1#



#40
 4-Methyl-2-pentanone
 Concen: 7.313 ug/L
 RT: 8.65 min Scan# 1240
 Delta R.T. 0.02 min
 Lab File: VX018817.D
 Acq: 07 Oct 2020 17:40

Tgt Ion: 43 Resp: 33225
 Ion Ratio Lower Upper
 43 100
 58 8.7 30.8 46.2#
 100 0.0 13.2 19.8#





#42

Toluene

Concen: 0.414 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

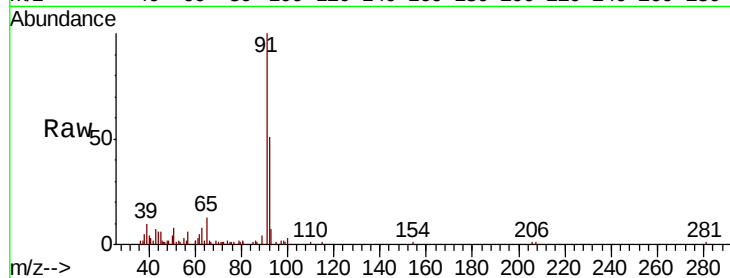
BG3S8

Tot Ion: 91 Resp: 14176

Ion Ratio Lower Upper

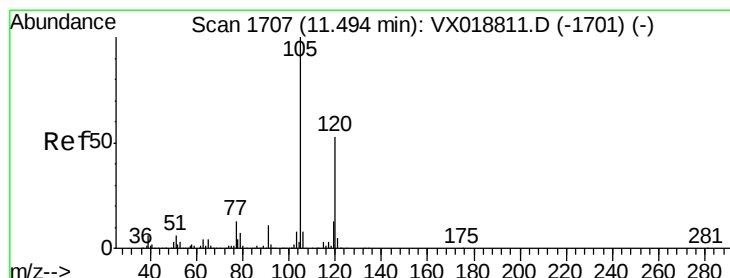
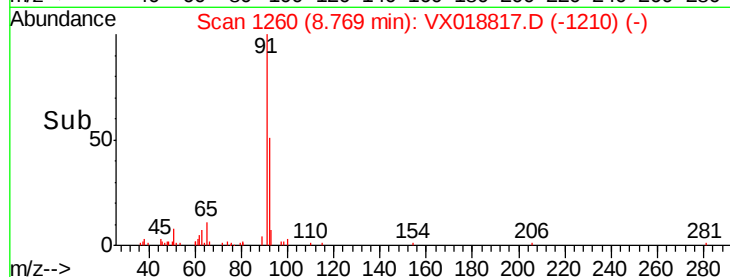
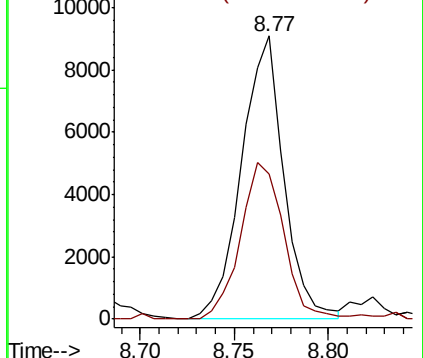
91 100

92 51.1 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#43

1,3,5-Trimethylbenzene

Concen: 0.949 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018817.D

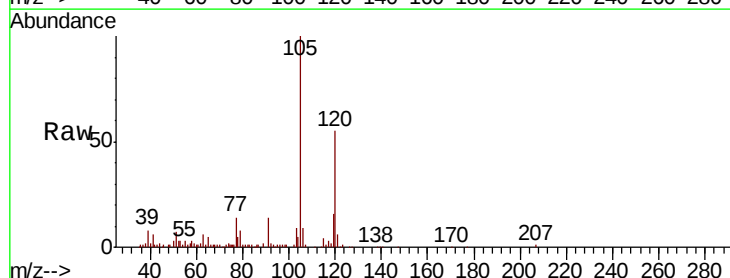
Acq: 07 Oct 2020 17:40

Tgt Ion: 105 Resp: 30773

Ion Ratio Lower Upper

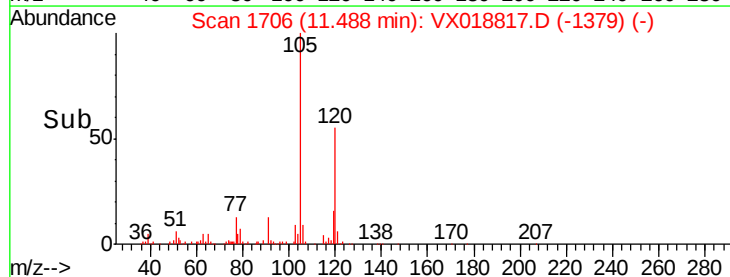
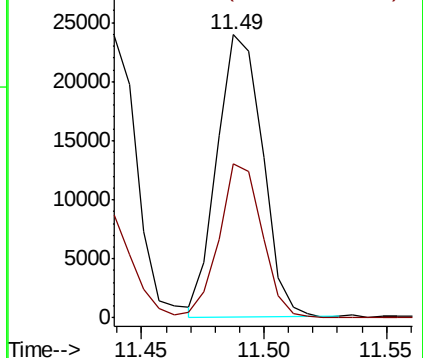
105 100

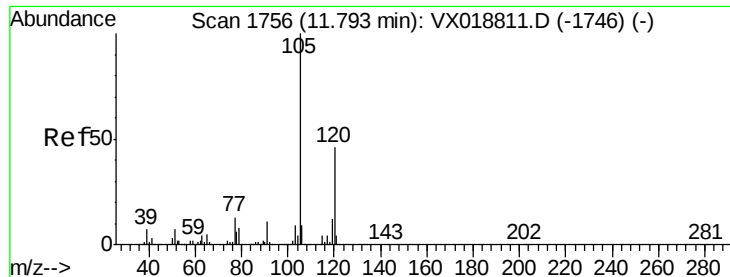
120 52.1 37.7 56.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#44

1,2,4-Trimethylbenzene

Concen: 2.290 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

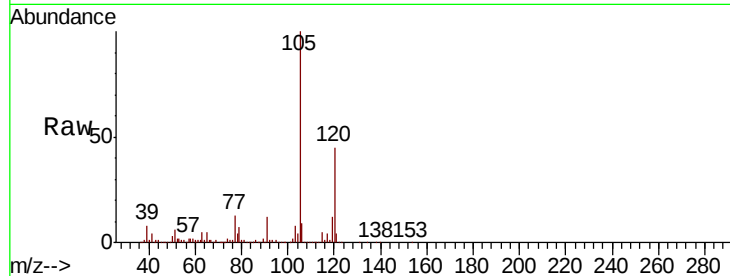
BG3S8

Tot Ion:105 Resp: 75358

Ion Ratio Lower Upper

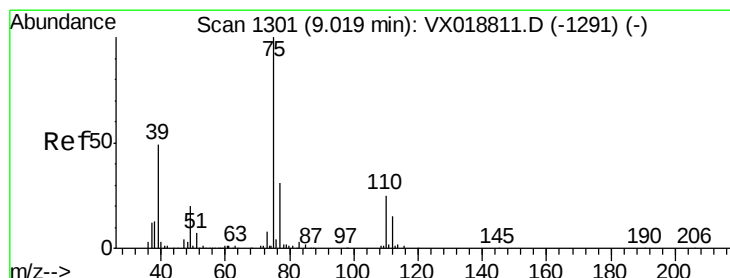
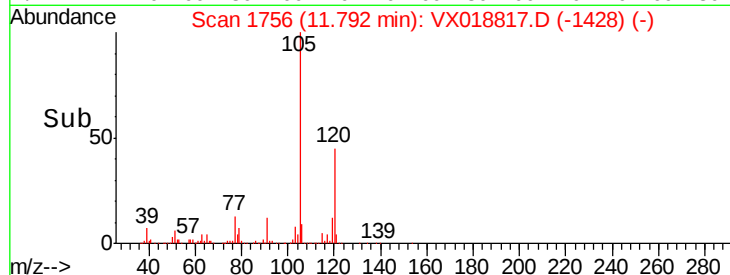
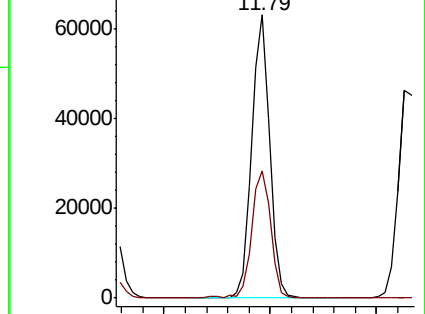
105 100

120 47.1 35.1 52.7



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: 0.227 ug/L

RT: 8.99 min Scan# 1296

Delta R.T. -0.03 min

Lab File: VX018817.D

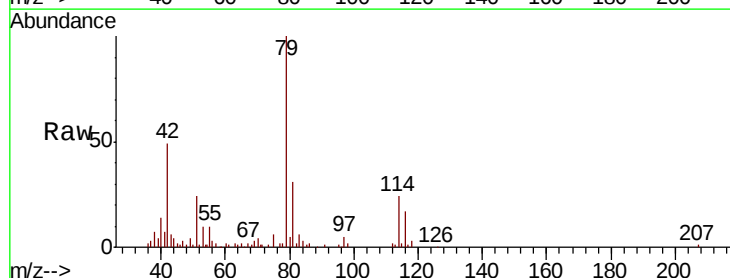
Acq: 07 Oct 2020 17:40

Tgt Ion: 75 Resp: 2624

Ion Ratio Lower Upper

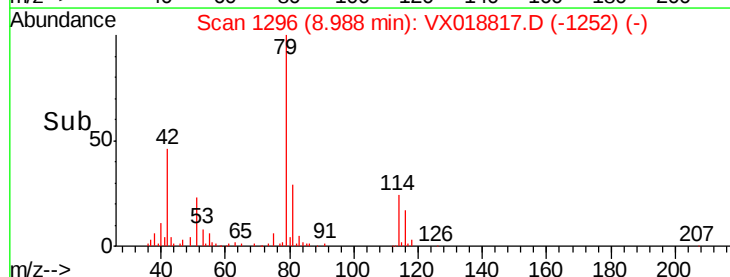
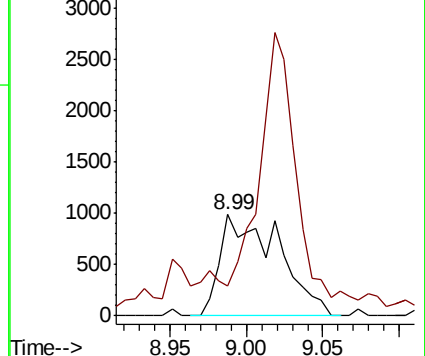
75 100

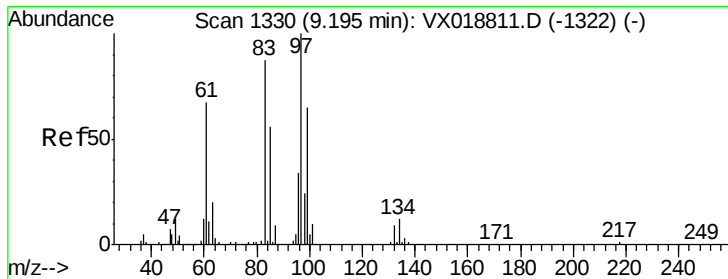
77 30.2 19.9 37.0



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: 14.739 ug/L

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

BG3S8

Tot Ion: 97 Resp: 87235

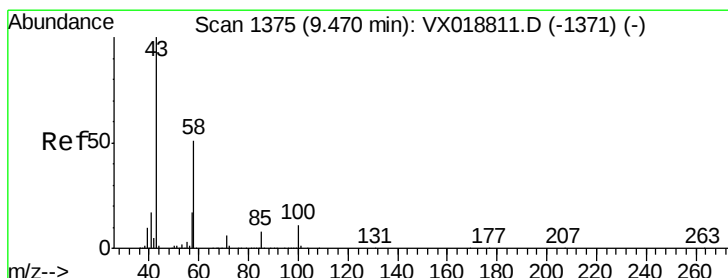
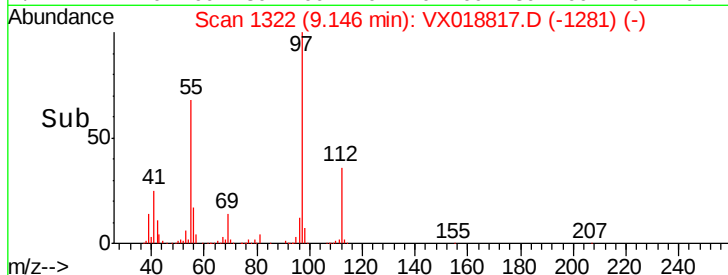
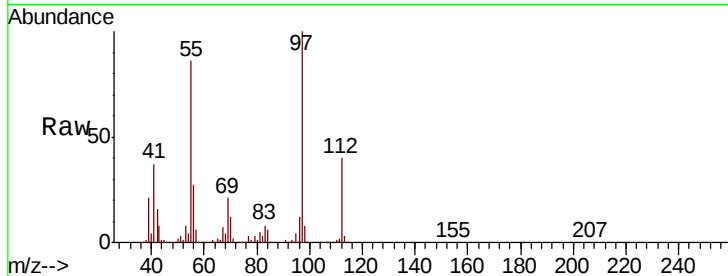
Ion Ratio Lower Upper

97 100

99 0.3 41.1 76.3#

83 8.2 57.5 106.7#

85 0.5 36.9 68.5#



#50

2-Hexanone

Concen: 3.341 ug/L

RT: 9.48 min Scan# 1376

Delta R.T. 0.01 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

Tgt Ion: 43 Resp: 11024

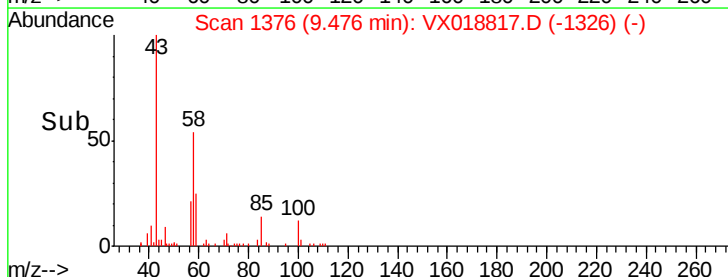
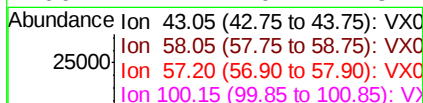
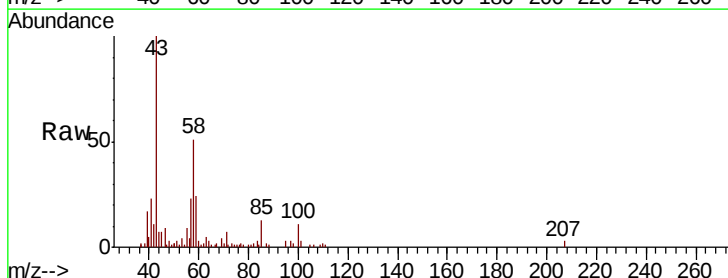
Ion Ratio Lower Upper

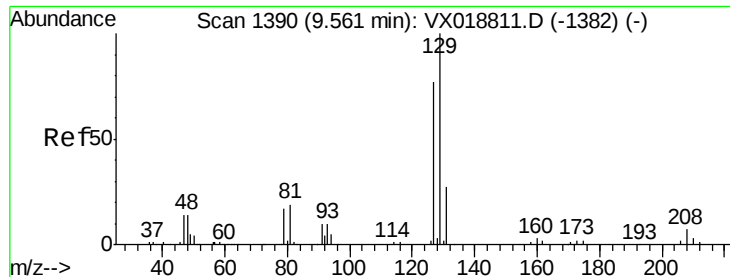
43 100

58 52.9 41.0 61.4

57 22.2 15.9 23.9

100 12.4 10.1 15.1





#51

Dibromochloromethane

Concen: 0.074 ug/L

RT: 9.57 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampled :

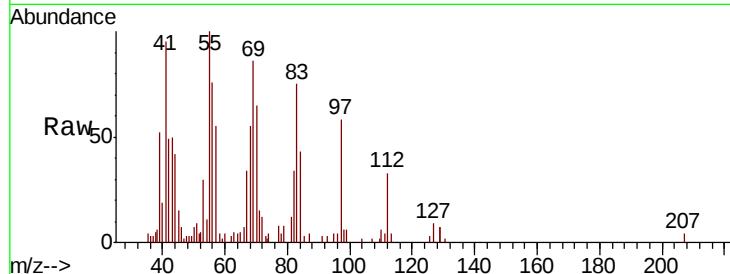
BG3S8

Tot Ion:129 Resp: 636

Ion Ratio Lower Upper

129 100

127 60.2 54.5 101.1



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

9.57

400

300

200

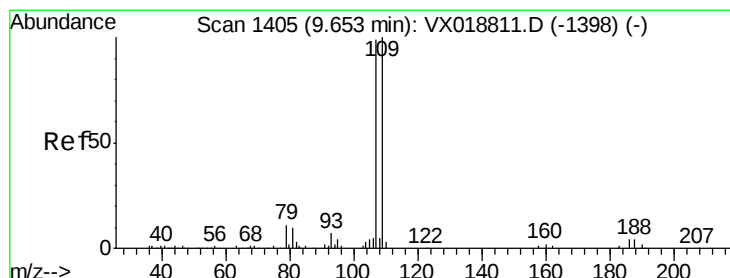
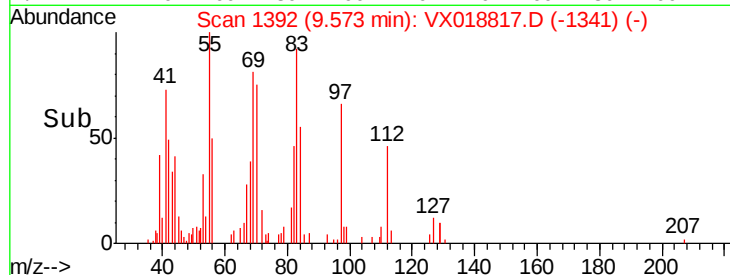
100

0

9.55

9.60

Time-->



#52

1,2-Dibromoethane

Concen: 0.105 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

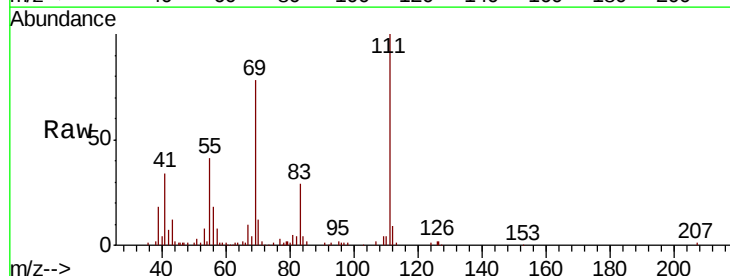
Tgt Ion:107 Resp: 626

Ion Ratio Lower Upper

107 100

109 224.2 68.7 127.5#

188 0.0 4.5 6.7#



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

800

600

400

200

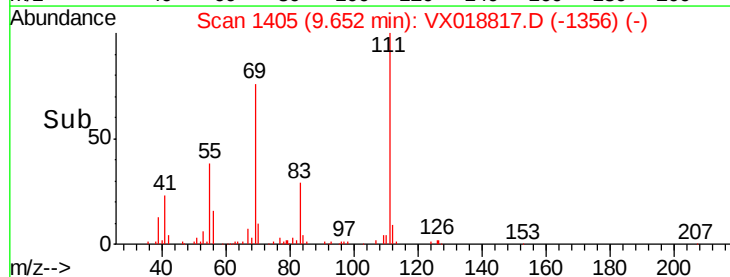
0

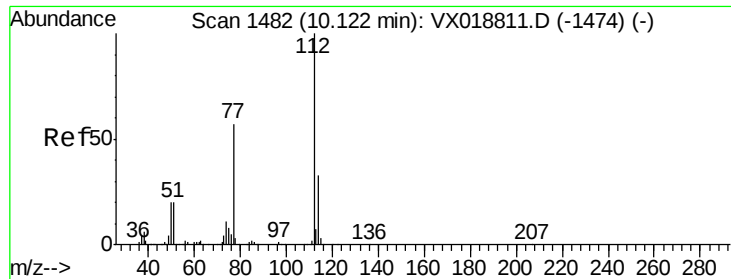
9.60

9.65

9.70

Time-->





#53

Chlorobenzene

Concen: 96.223 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampled :

BG3S8

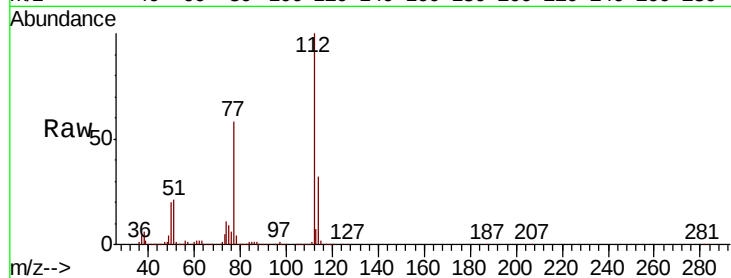
Tot Ion:112 Resp: 2254569

Ion Ratio Lower Upper

112 100

114 32.0 21.3 39.5

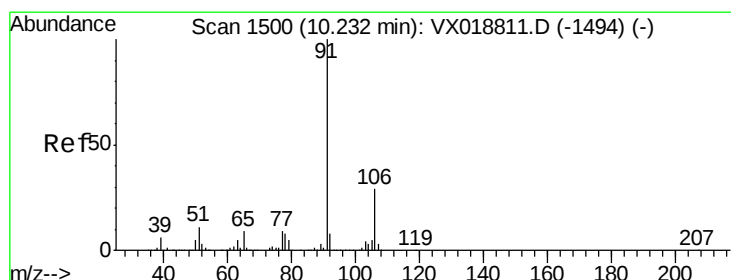
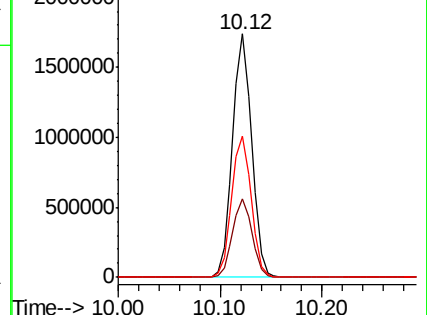
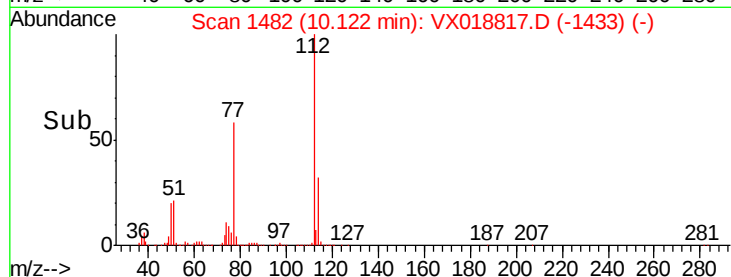
77 58.1 42.4 63.6



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



#54

Ethylbenzene

Concen: 0.401 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX018817.D

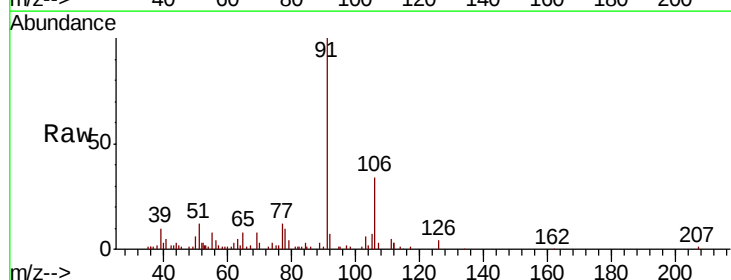
Acq: 07 Oct 2020 17:40

Tgt Ion: 91 Resp: 15405

Ion Ratio Lower Upper

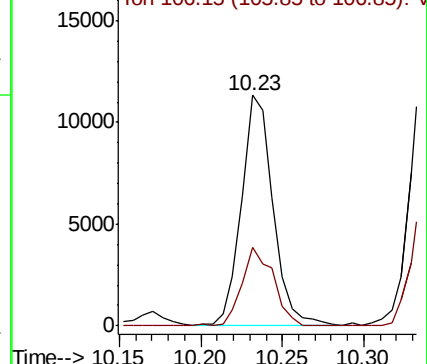
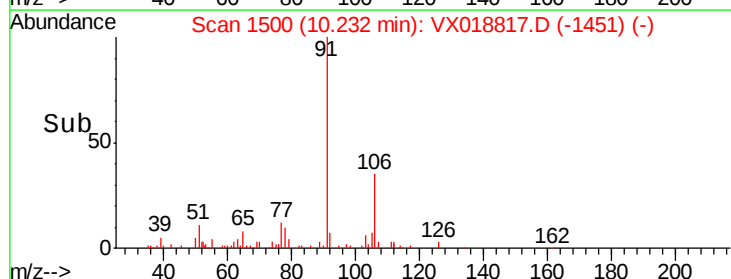
91 100

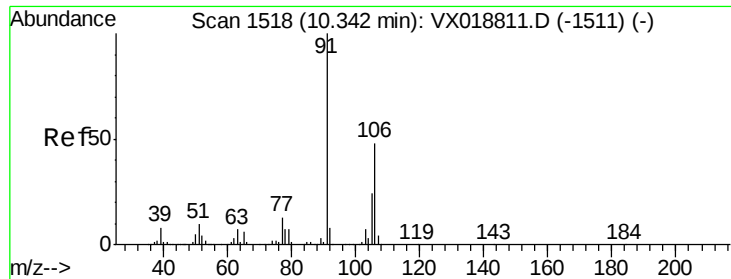
106 34.3 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V





#55

m,p-xylene

Concen: 0.749 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

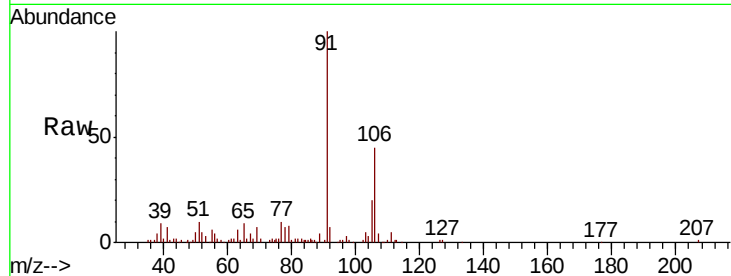
BG3S8

Tot Ion:106 Resp: 11226

Ion Ratio Lower Upper

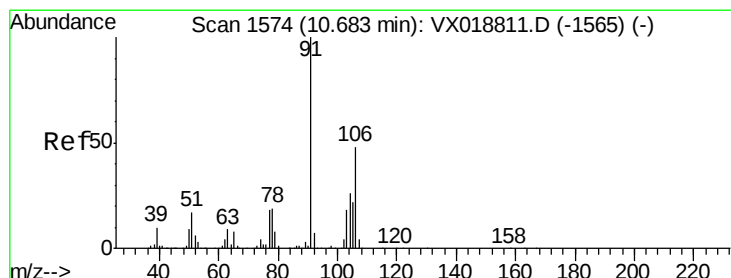
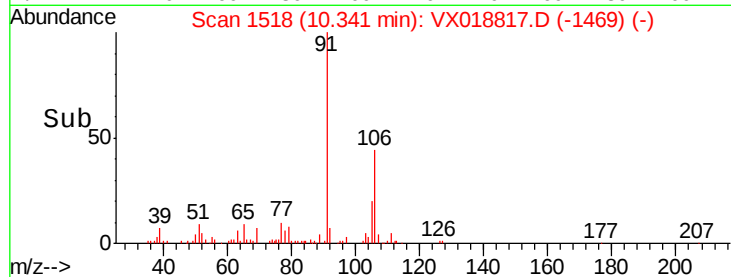
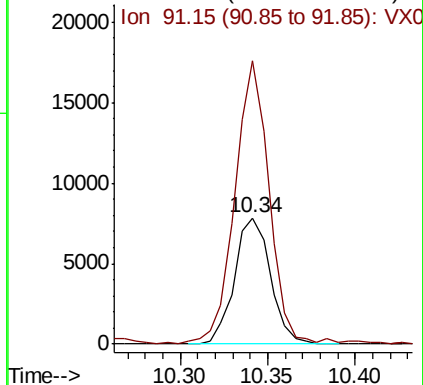
106 100

91 224.4 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#56

o-xylene

Concen: 0.239 ug/L

RT: 10.68 min Scan# 1573

Delta R.T. -0.01 min

Lab File: VX018817.D

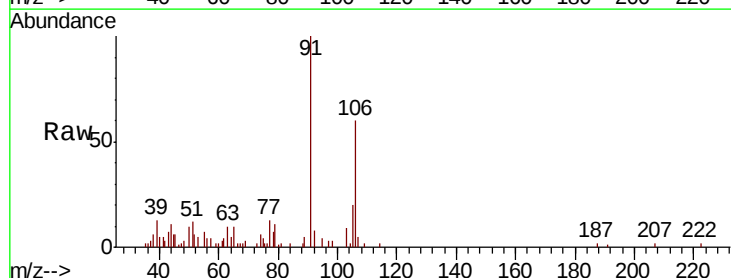
Acq: 07 Oct 2020 17:40

Tgt Ion:106 Resp: 3313

Ion Ratio Lower Upper

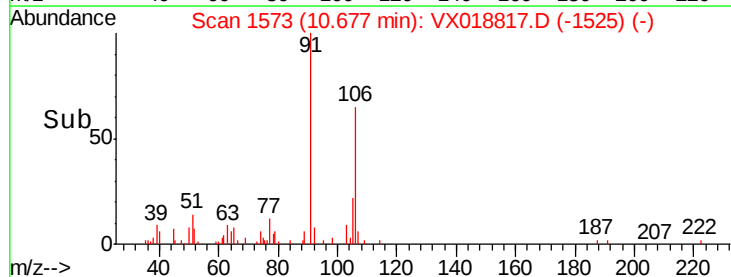
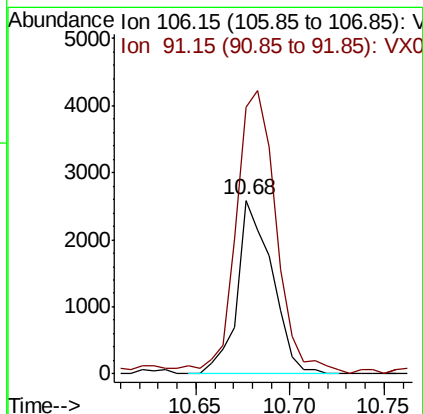
106 100

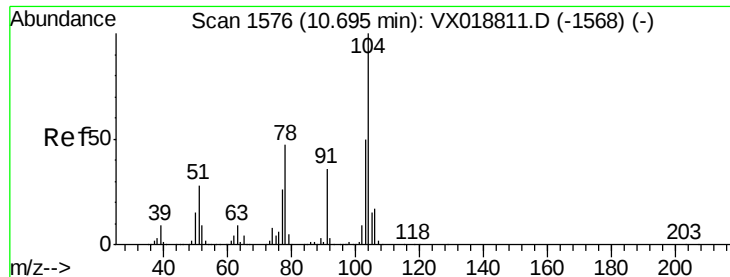
91 153.3 153.4 284.8#



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0





#57

Stvrene

Concen: 0.065 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampled :

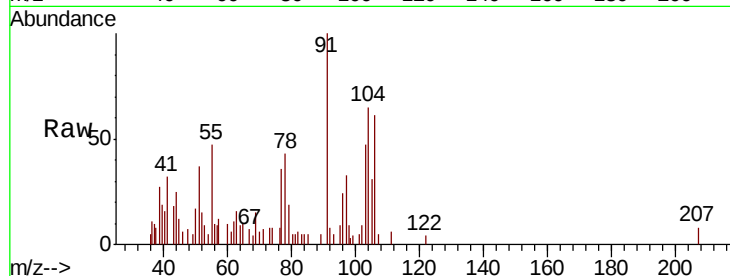
BG3S8

Tot Ion:104 Resp: 1543

Ion Ratio Lower Upper

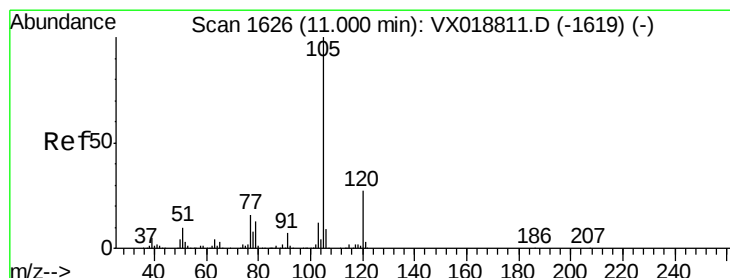
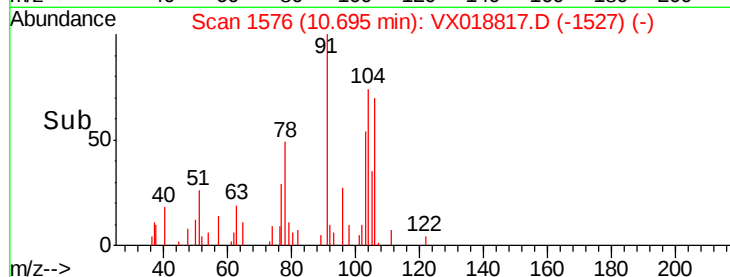
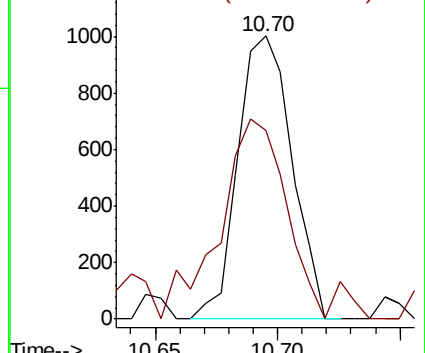
104 100

78 66.6 37.1 68.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0



#58

Isopropylbenzene

Concen: 0.393 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

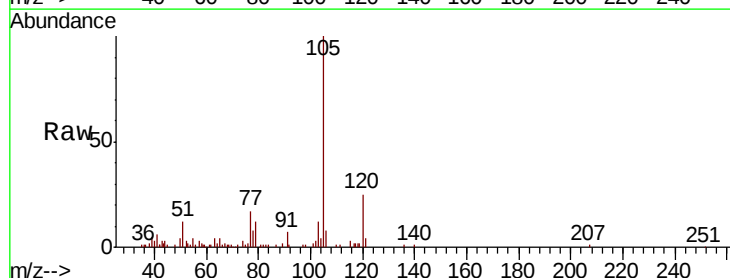
Tgt Ion:105 Resp: 15230

Ion Ratio Lower Upper

105 100

120 28.2 20.2 30.2

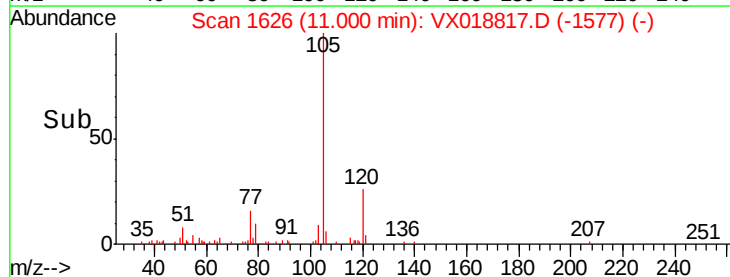
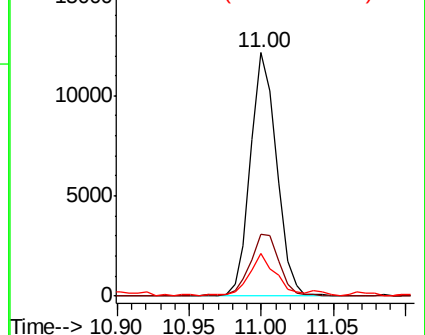
77 19.7 13.3 19.9

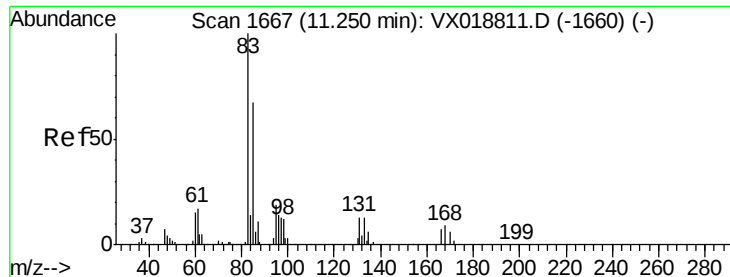


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VX0





#60

1,1,2,2-Tetrachloroethane

Concen: 0.263 ug/L

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

BG3S8

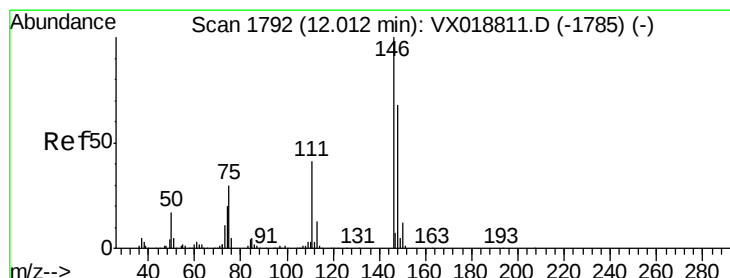
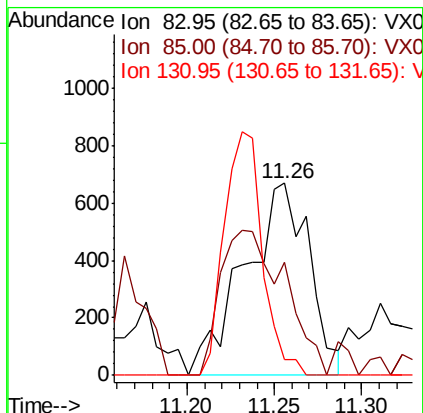
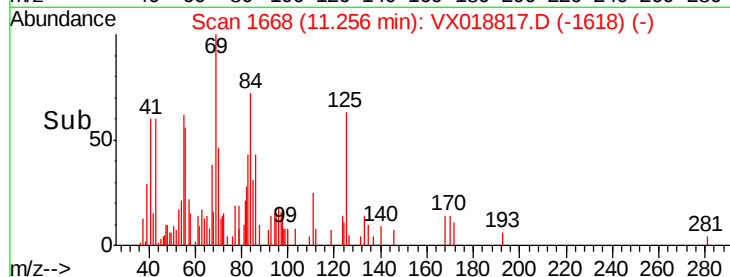
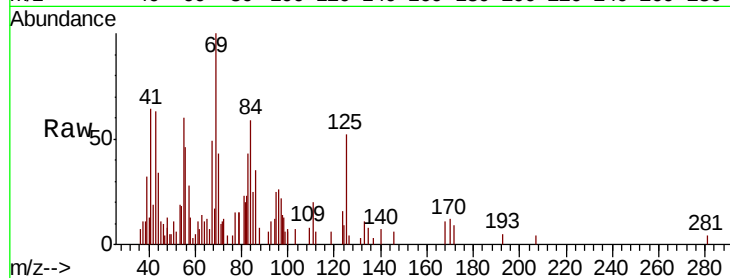
Tot Ion: 83 Resp: 1722

Ion Ratio Lower Upper

83 100

85 59.0 46.5 86.5

131 8.1 9.6 14.4#



#63

1,3-Dichlorobenzene

Concen: 22.817 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018817.D

Acq: 07 Oct 2020 17:40

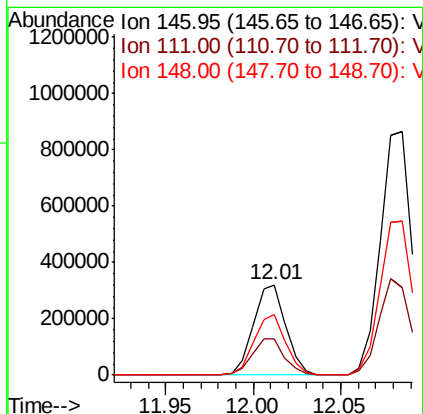
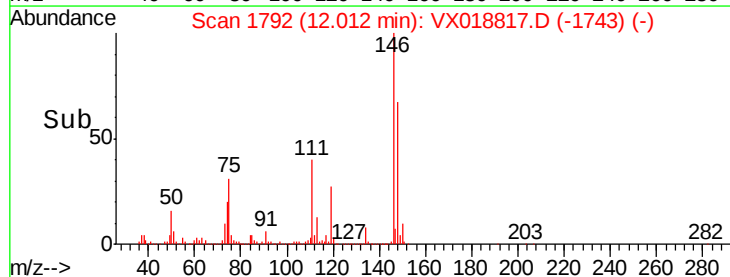
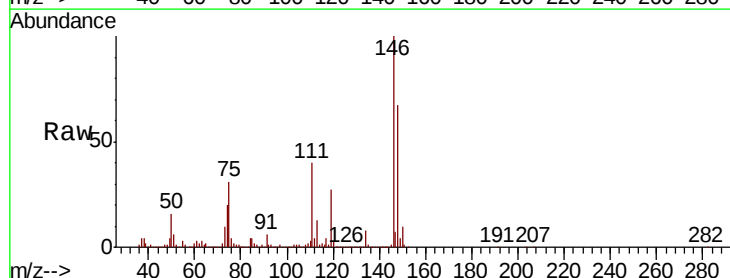
Tgt Ion: 146 Resp: 411470

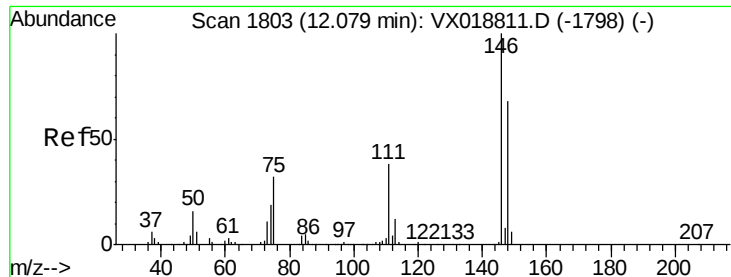
Ion Ratio Lower Upper

146 100

111 40.5 28.4 52.8

148 66.6 45.9 85.3

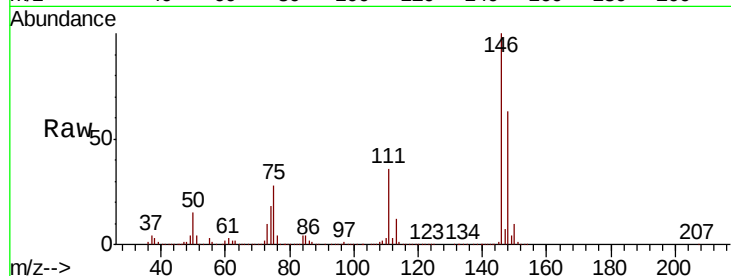




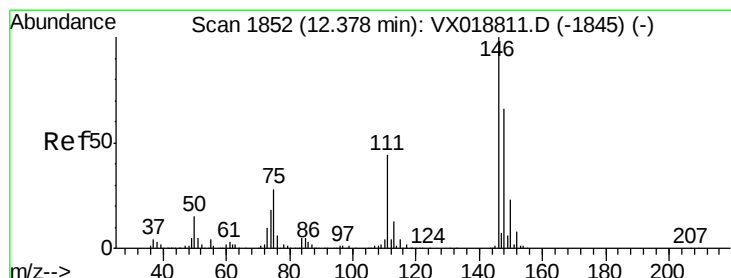
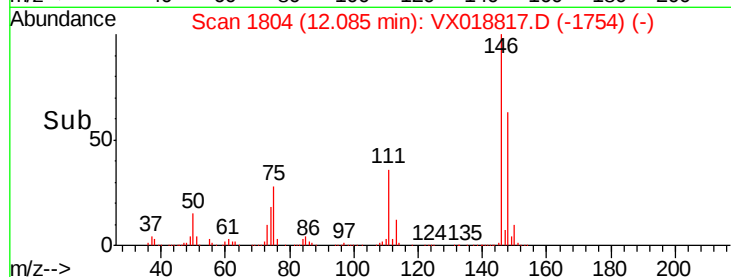
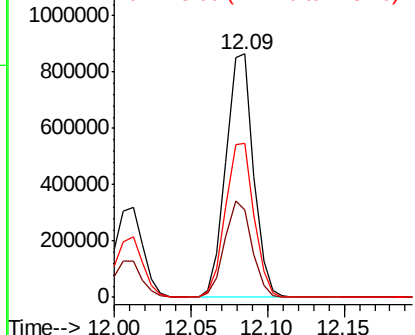
#64
1,4-Dichlorobenzene
Concen: 60.216 ug/L
RT: 12.09 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VX018817.D
Acq: 07 Oct 2020 17:40

Instrument :
MSVOA_X
ClientSampleId :
BG3S8

Tot Ion:146 Resp: 1082944
Ion Ratio Lower Upper
146 100
111 35.8 28.6 53.2
148 63.2 44.2 82.0

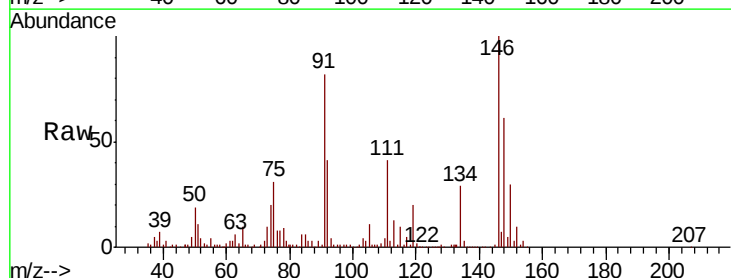


Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

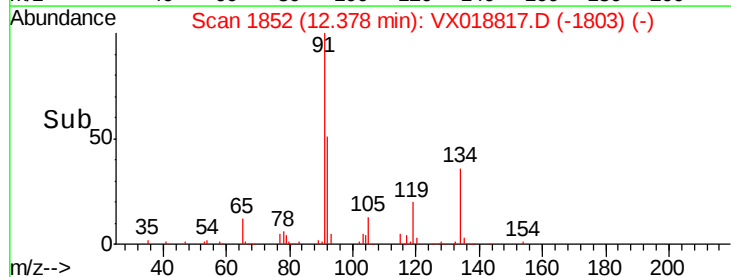
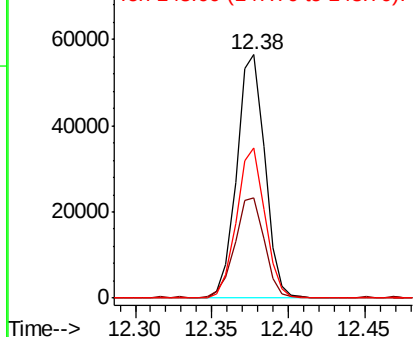


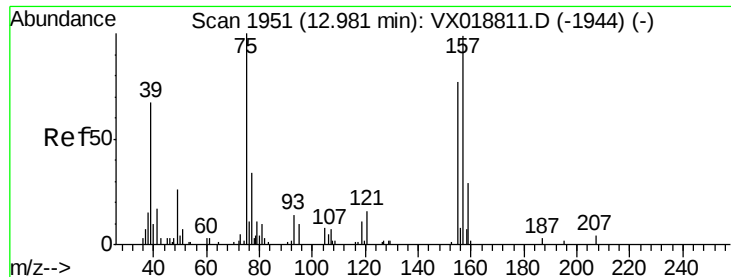
#66
1,2-Dichlorobenzene
Concen: 4.291 ug/L
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX018817.D
Acq: 07 Oct 2020 17:40

Tgt Ion:146 Resp: 72244
Ion Ratio Lower Upper
146 100
111 41.4 31.7 47.5
148 61.5 49.0 73.6



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

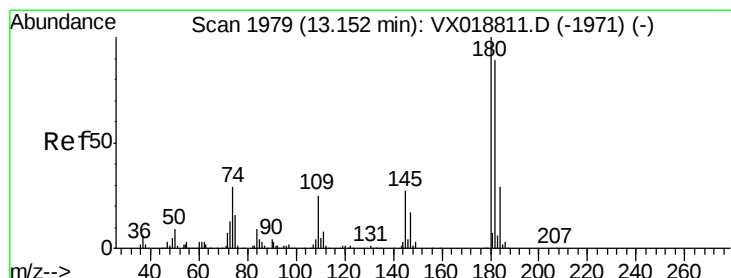
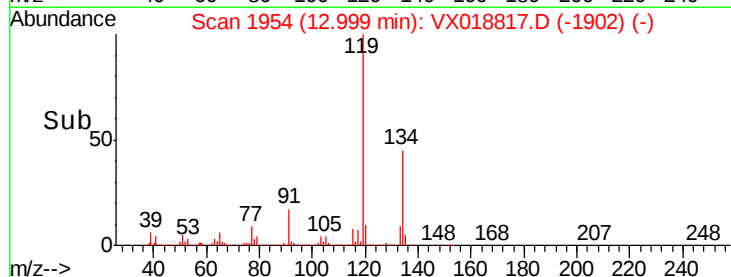
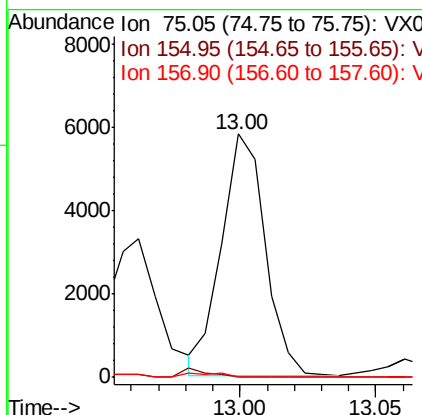
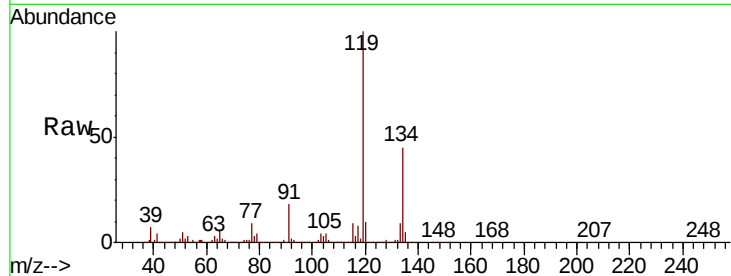




#67
 1,2-Dibromo-3-chloropropane
 Concen: 4.505 ug/L
 RT: 13.00 min Scan# 1954
 Delta R.T. 0.02 min
 Lab File: VX018817.D
 Acq: 07 Oct 2020 17:40

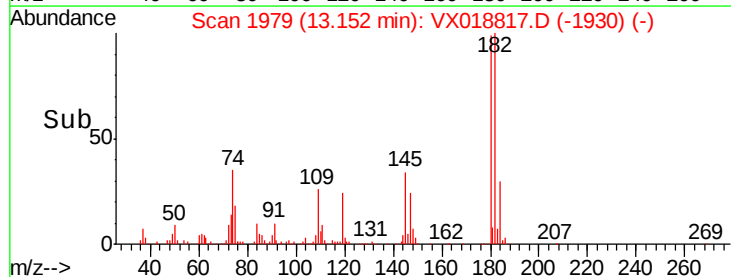
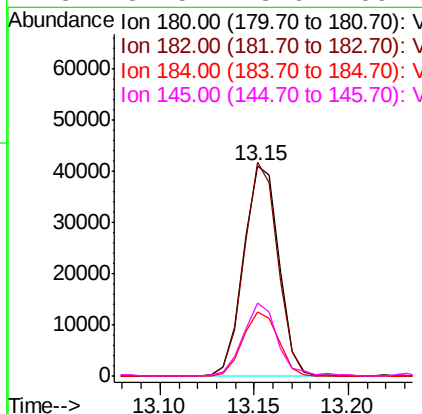
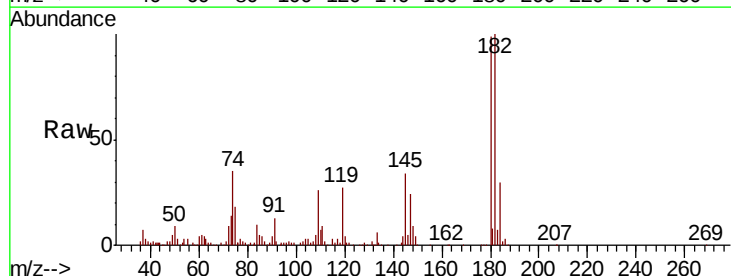
Instrument :
 MSVOA_X
 ClientSampleId :
 BG3S8

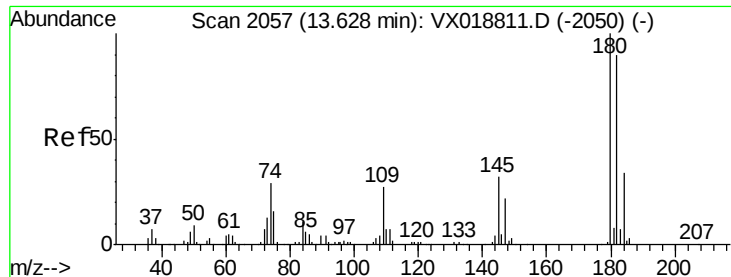
Tot Ion: 75 Resp: 6464
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.1 91.7#
 157 0.0 74.2 111.2#



#68
 1,3,5-Trichlorobenzene
 Concen: 3.821 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX018817.D
 Acq: 07 Oct 2020 17:40

Tgt Ion: 180 Resp: 53042
 Ion Ratio Lower Upper
 180 100
 182 97.9 74.1 111.1
 184 30.8 23.4 35.2
 145 34.5 23.6 35.4

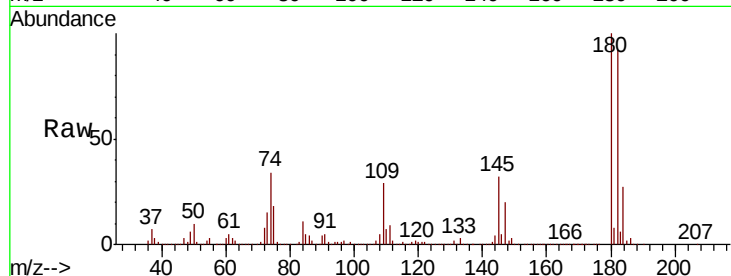




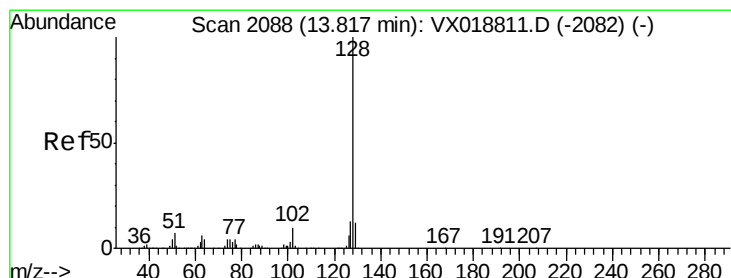
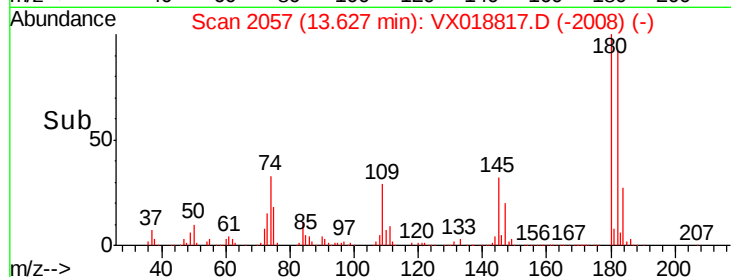
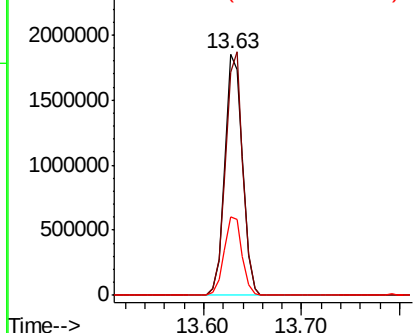
#69
 1,2,4-trichlorobenzene
 Concen: 200.293 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018817.D
 Acq: 07 Oct 2020 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3S8

Tot Ion:180 Resp: 2308116
 Ion Ratio Lower Upper
 180 100
 182 98.5 80.2 120.4
 145 33.0 25.2 37.8

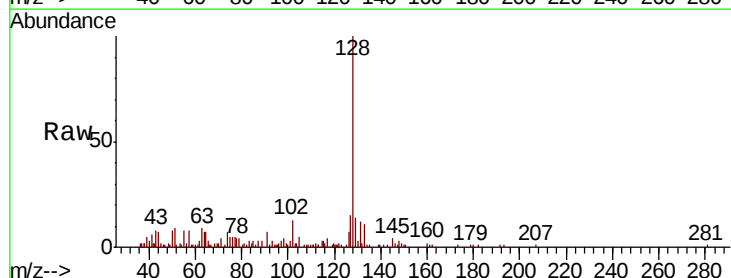


Abundance Ion 179.90 (179.60 to 180.60): V
 2500000 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

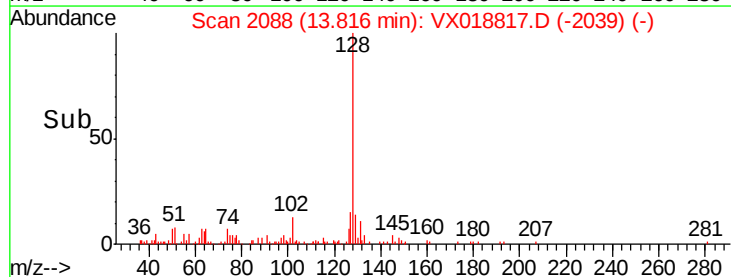
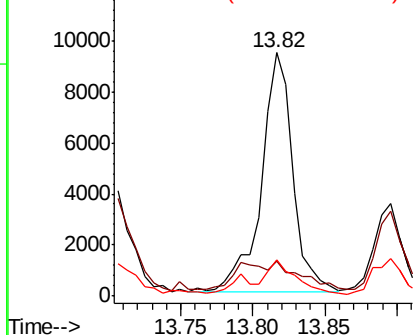


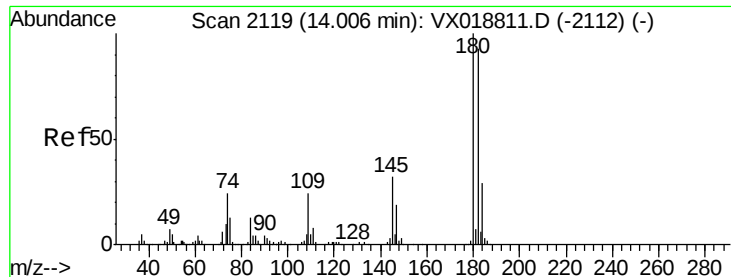
#70
 Naphthalene
 Concen: 0.762 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX018817.D
 Acq: 07 Oct 2020 17:40

Tgt Ion:128 Resp: 14352
 Ion Ratio Lower Upper
 128 100
 129 21.7 9.0 13.4#
 127 14.2 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V
 12000 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

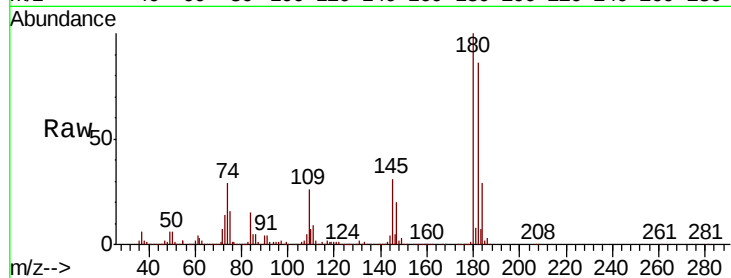




#71
 1,2,3-Trichlorobenzene
 Concen: 33.598 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX018817.D
 Acq: 07 Oct 2020 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3S8

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.1	73.6	110.4
145	34.4	26.6	40.0



Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

