

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090220\
 Data File : VX018211.D
 Acq On : 02 Sep 2020 12:42
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV36

Quant Time: Sep 03 04:56:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXML090220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 03 04:54:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	682150	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	665503	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	12.06	152	340881	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	261648	47.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.06%
7) Chloroethane-d5	1.69	69	198146	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.72%
11) 1,1-Dichloroethene-d2	2.34	63	528971	50.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.02%
21) 2-Butanone-d5	4.53	46	367043	96.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.32%
24) Chloroform-d	5.14	84	492757	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
26) 1,2-Dichloroethane-d4	6.03	65	355784	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
32) Benzene-d6	6.05	84	968965	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
36) 1,2-Dichloropropane-d6	7.37	67	300889	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.82%
41) Toluene-d8	8.70	98	930918	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%
43) trans-1,3-Dichloropropene-	8.99	79	173974	50.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.36%
47) 2-Hexanone-d5	9.43	63	271389	98.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.55%
57) 1,1,2,2-Tetrachloroethane-	11.23	84	413127	49.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.36	152	376209	50.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	284044	48.945	ug/L 100
3) Chloromethane	1.31	50	246701	46.410	ug/L 96
5) Vinyl chloride	1.39	62	254299	48.112	ug/L 99
6) Bromomethane	1.63	94	159104	52.630	ug/L 100
8) Chloroethane	1.71	64	145956	46.962	ug/L 97
9) Trichlorofluoromethane	1.92	101	424203	48.352	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	244227	51.202	ug/L 98
12) 1,1-Dichloroethene	2.36	96	225589	50.262	ug/L 89
13) Acetone	2.42	43	201515	92.779	ug/L 100
14) Carbon disulfide	2.55	76	683352	48.077	ug/L 98
15) Methyl Acetate	2.75	43	254201	47.627	ug/L 99
16) Methylene chloride	2.84	84	242362	47.641	ug/L 95
17) trans-1,2-Dichloroethene	3.14	96	232107	48.232	ug/L 98
18) Methyl tert-butyl Ether	3.17	73	741336	49.326	ug/L 99
19) 1,1-Dichloroethane	3.67	63	437205	48.466	ug/L 99
20) cis-1,2-Dichloroethene	4.56	96	250849	48.759	ug/L 97
22) 2-Butanone	4.64	43	343553	96.459	ug/L 99

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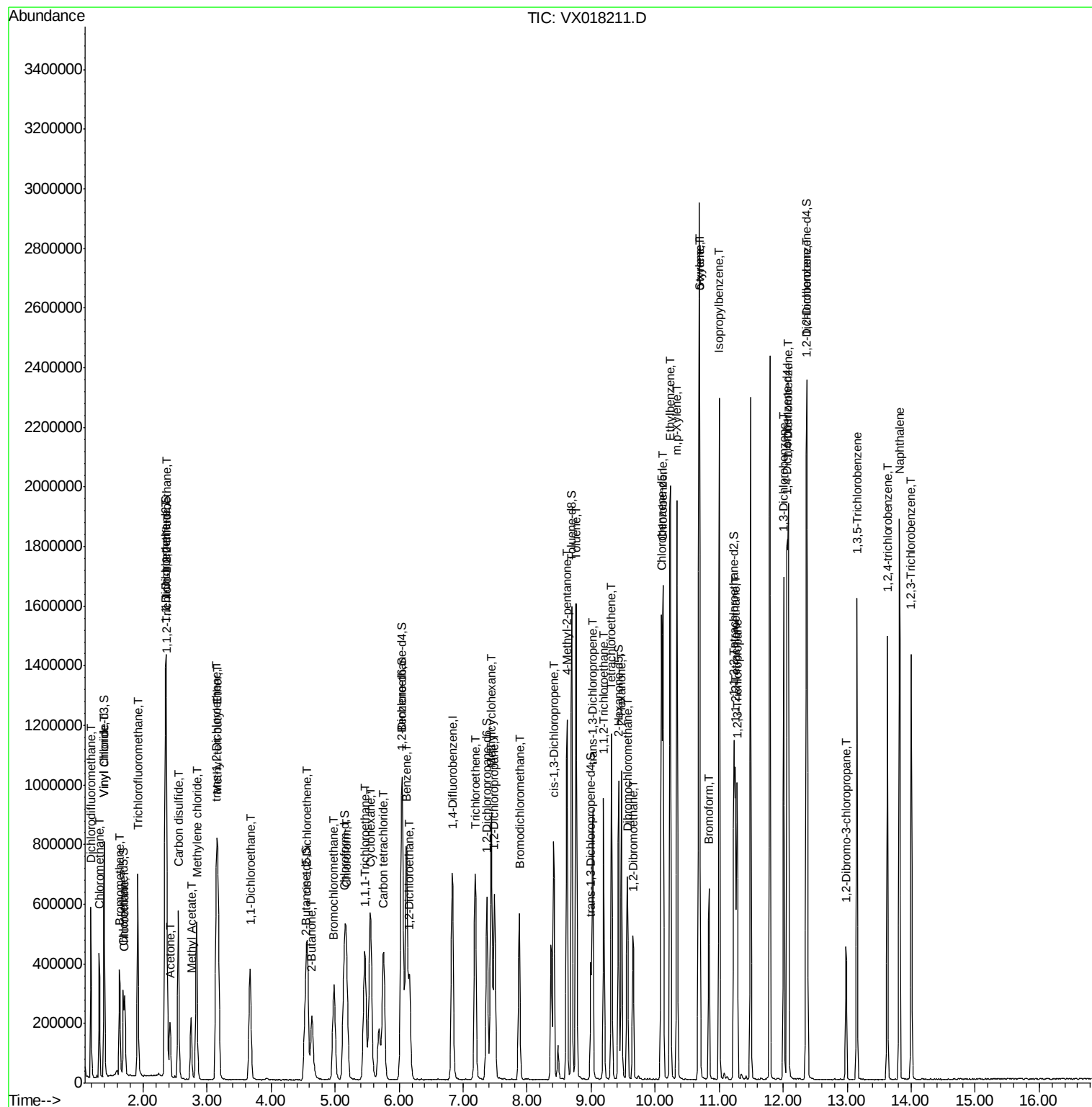
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	140382	48.756	ug/L	95
25) Chloroform	5.18	83	486265	47.125	ug/L	100
27) 1,2-Dichloroethane	6.17	62	386731	49.470	ug/L	100
29) Cyclohexane	5.55	56	371906	50.778	ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	435235	47.623	ug/L	99
31) Carbon tetrachloride	5.76	117	402586	48.376	ug/L	100
33) Benzene	6.11	78	938165	48.723	ug/L	100
34) Trichloroethene	7.19	95	267152	49.434	ug/L	98
35) Methylcyclohexane	7.44	83	386610	51.454	ug/L	99
37) 1,2-Dichloropropane	7.49	63	249691	48.964	ug/L	99
38) Bromodichloromethane	7.88	83	354652	48.839	ug/L	97
39) cis-1,3-Dichloropropene	8.41	75	405866	51.039	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	687250	99.399	ug/L	100
42) Toluene	8.77	91	1035679	50.115	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	413666	49.456	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	238496	46.593	ug/L	96
46) Tetrachloroethene	9.32	164	222316	51.600	ug/L	92
48) 2-Hexanone	9.47	43	560715	100.323	ug/L	100
49) Dibromochloromethane	9.57	129	305210	48.654	ug/L	100
50) 1,2-Dibromoethane	9.65	107	266053	49.079	ug/L	97
51) Chlorobenzene	10.12	112	690701	49.074	ug/L	97
52) Ethylbenzene	10.24	91	1165306	50.575	ug/L	99
53) m,p-Xylene	10.34	106	447883	50.883	ug/L	100
54) o-xylene	10.68	106	428521	51.006	ug/L	94
55) Styrene	10.70	104	746545	51.443	ug/L	96
56) Isopropylbenzene	11.00	105	1153052	51.311	ug/L	99
58) 1,1,2,2-Tetrachloroethane	11.25	83	365000	48.558	ug/L	98
59) 1,2,3-Trichloropropane	11.28	75	315686	48.461	ug/L	99
61) Bromoform	10.84	173	229286	47.440	ug/L	98
62) 1,3-Dichlorobenzene	12.01	146	545757	48.746	ug/L	98
63) 1,4-Dichlorobenzene	12.09	146	553473	48.561	ug/L	97
65) 1,2-Dichlorobenzene	12.38	146	522745	48.468	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.98	75	92892	46.050	ug/L	88
67) 1,3,5-Trichlorobenzene	13.15	180	358240	49.037	ug/L	98
68) 1,2,4-trichlorobenzene	13.63	180	337076	50.004	ug/L	96
69) Naphthalene	13.82	128	1091407	51.201	ug/L	100
70) 1,2,3-Trichlorobenzene	14.01	180	348709	51.718	ug/L	98

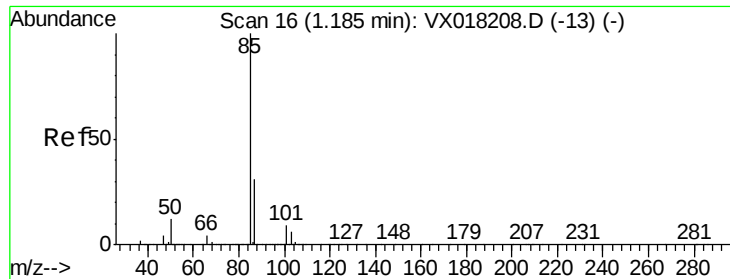
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 48.945 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

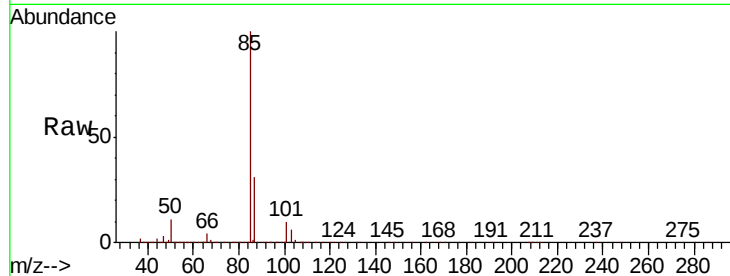
VICV36

Tot Ion: 85 Resp: 284044

Ion Ratio Lower Upper

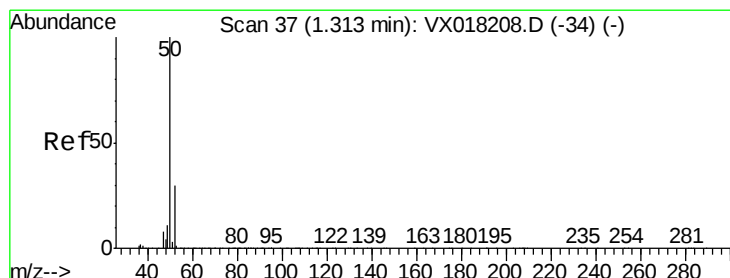
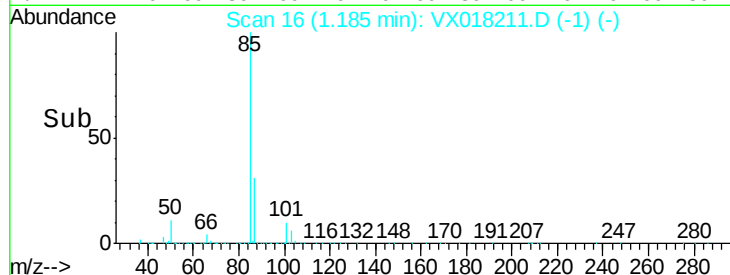
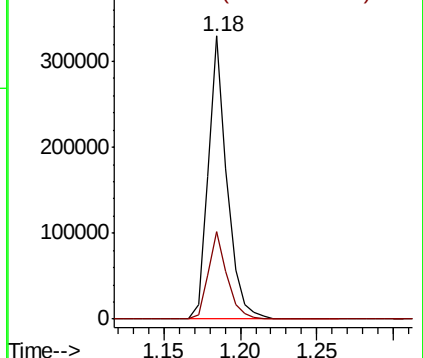
85 100

87 31.3 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 46.410 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018211.D

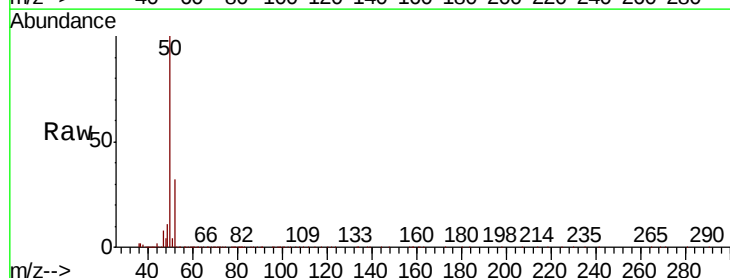
Acq: 02 Sep 2020 12:42

Tgt Ion: 50 Resp: 246701

Ion Ratio Lower Upper

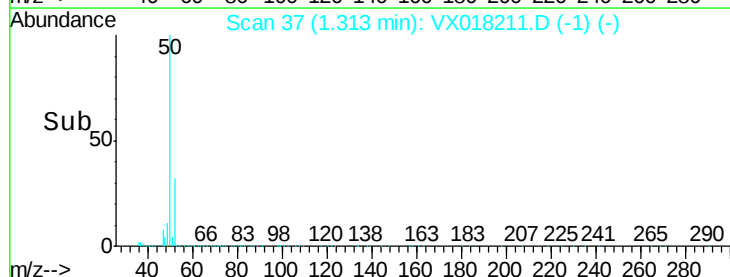
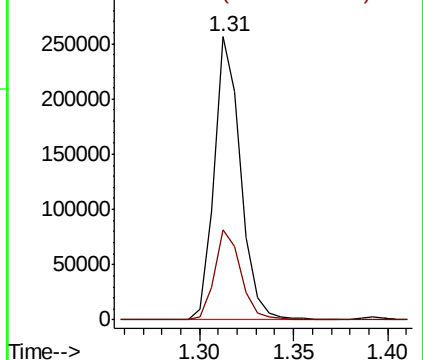
50 100

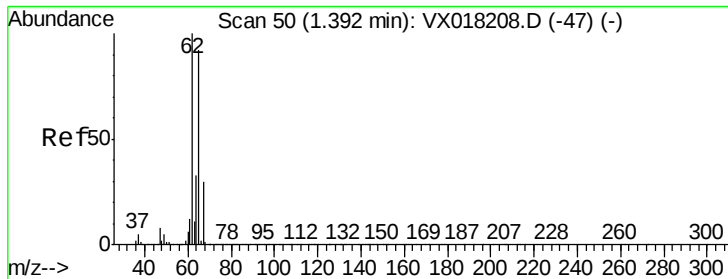
52 31.9 21.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#5

Vinyl chloride

Concen: 48.112 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

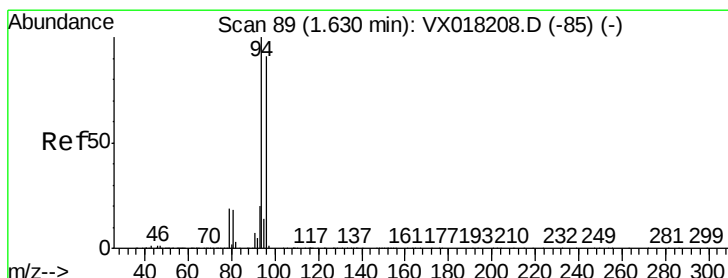
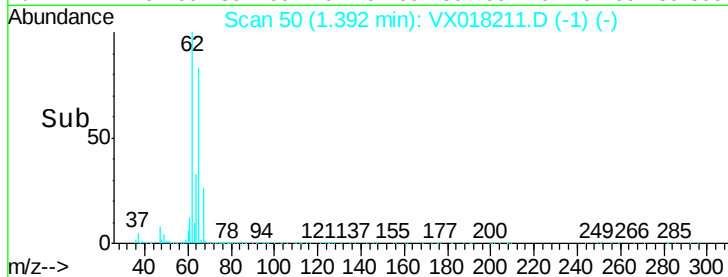
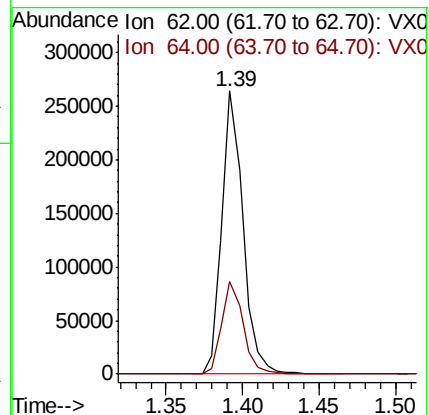
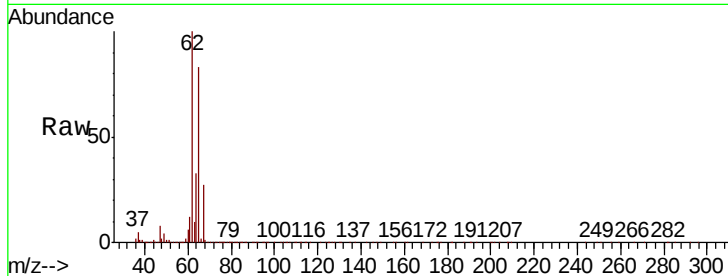
MSVOA_X

ClientSampleId :

VICV36

Tot Ion: 62 Resp: 254299

Ion	Ratio	Lower	Upper
62	100		
64	32.9	23.2	43.2



#6

Bromomethane

Concen: 52.630 ug/L

RT: 1.63 min Scan# 89

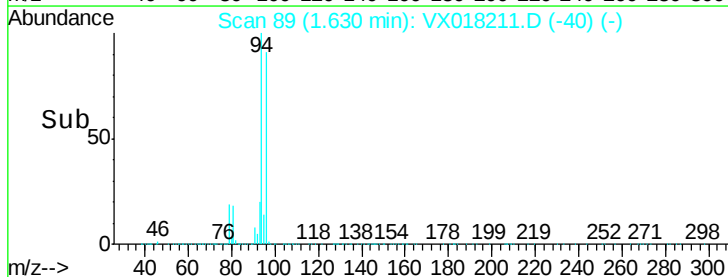
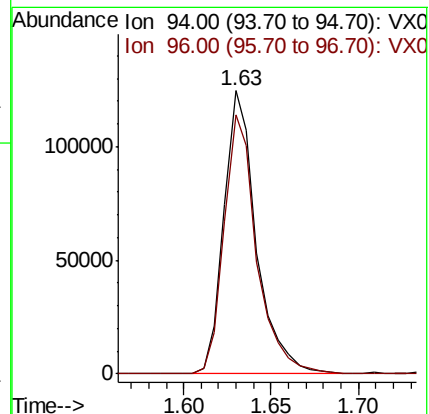
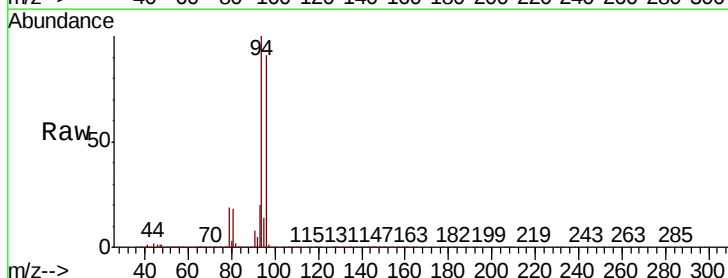
Delta R.T. -0.00 min

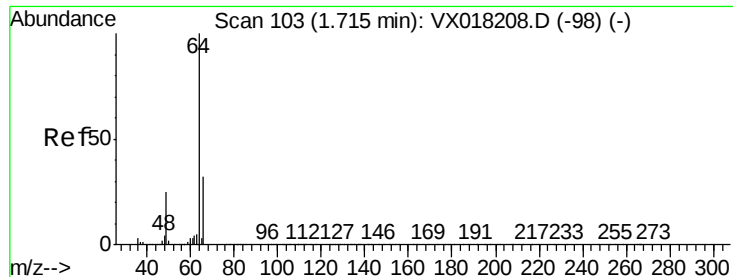
Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Tgt Ion: 94 Resp: 159104

Ion	Ratio	Lower	Upper
94	100		
96	91.4	63.9	118.7





#8

Chloroethane

Concen: 46.962 ug/L

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

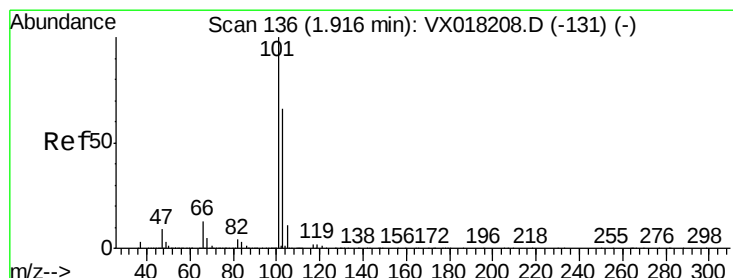
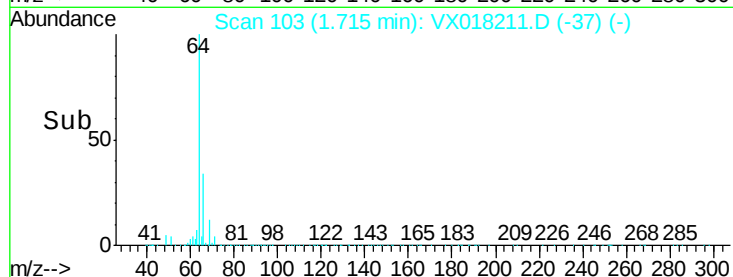
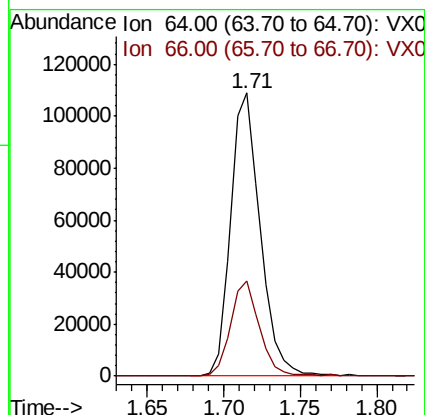
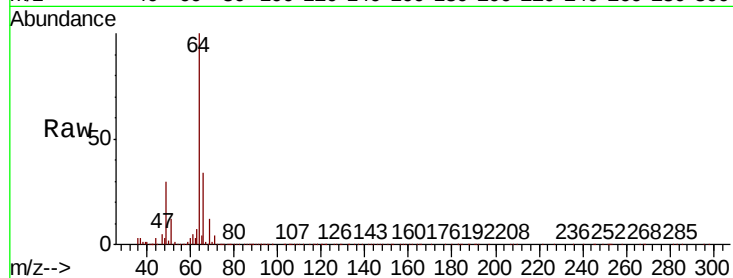
VICV36

Tot Ion: 64 Resp: 145956

Ion Ratio Lower Upper

64 100

66 33.6 22.5 41.7



#9

Trichlorofluoromethane

Concen: 48.352 ug/L

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX018211.D

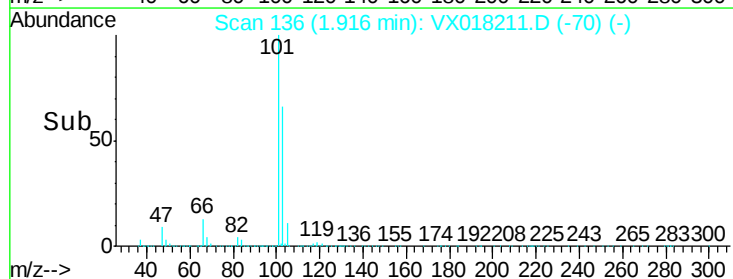
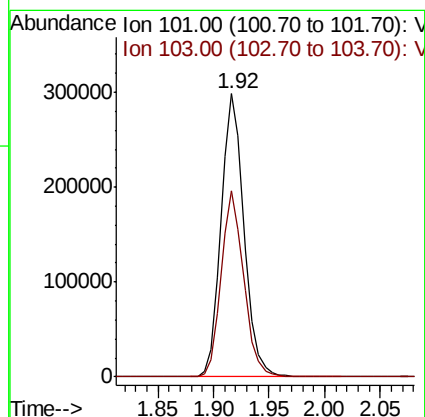
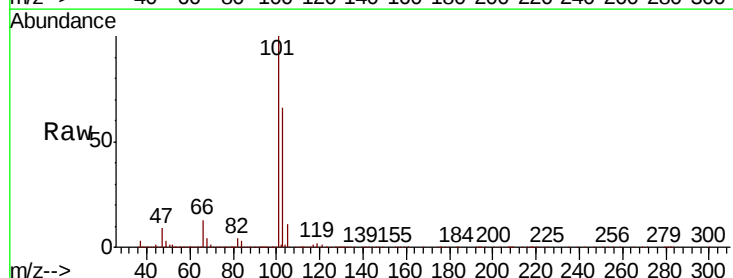
Acq: 02 Sep 2020 12:42

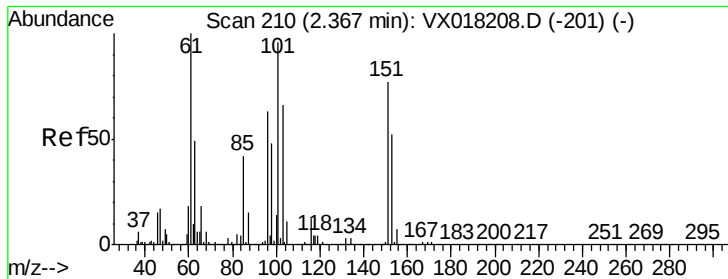
Tgt Ion: 101 Resp: 424203

Ion Ratio Lower Upper

101 100

103 64.5 51.4 77.2





#10

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

Concen: 51.202 ug/L

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

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ClientSampleId :

VICV36

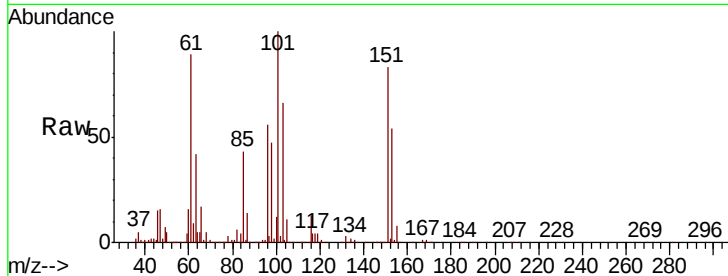
Tot Ion:101 Resp: 244227

Ion Ratio Lower Upper

101 100

85 43.7 35.8 53.6

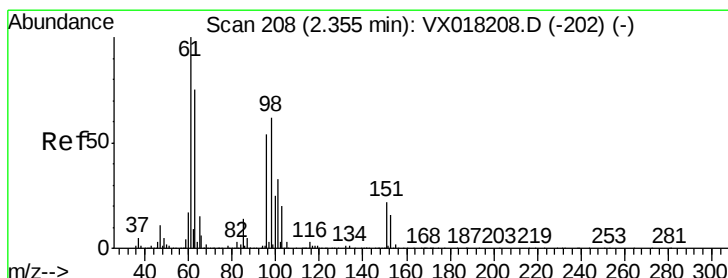
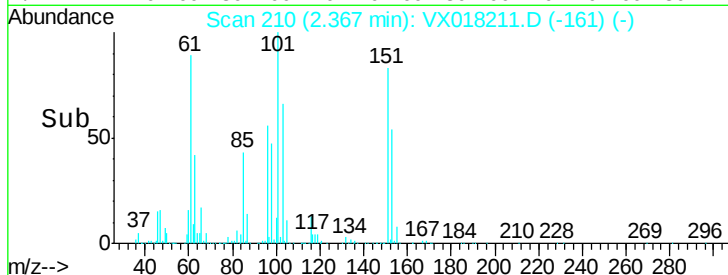
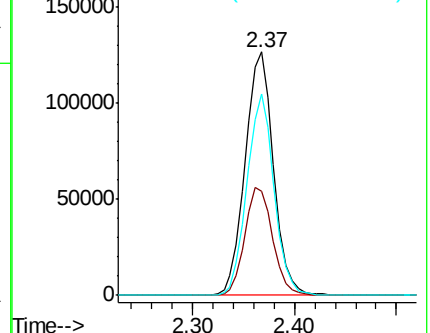
151 79.1 61.6 92.4



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: 50.262 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

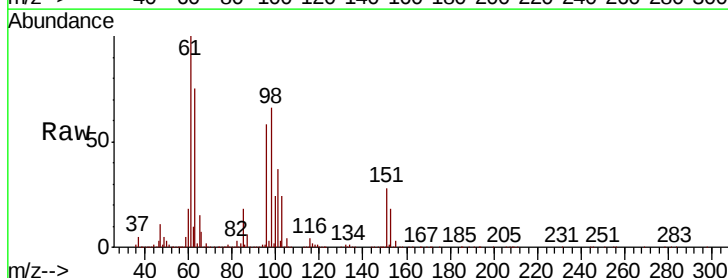
Tgt Ion: 96 Resp: 225589

Ion Ratio Lower Upper

96 100

61 172.8 130.5 242.5

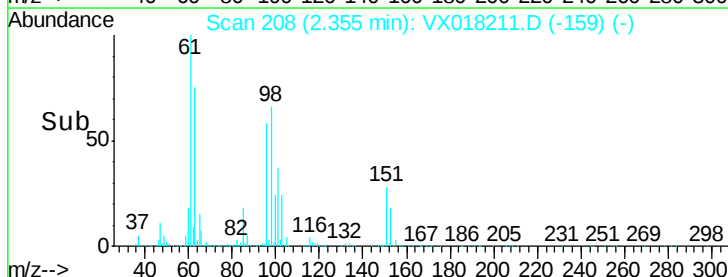
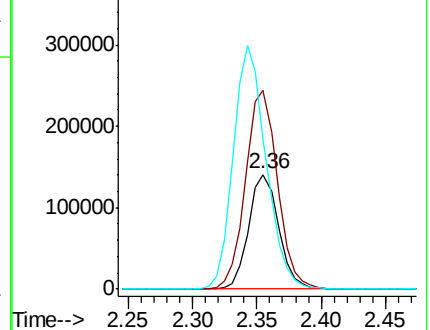
63 130.3 103.0 191.2

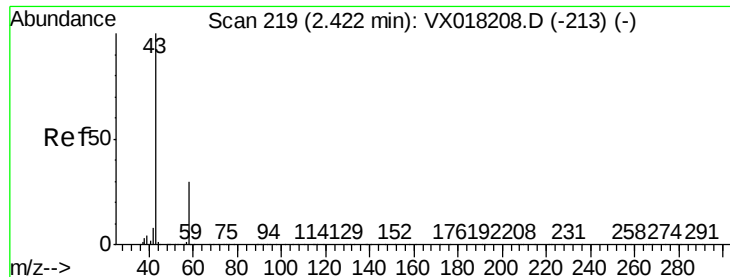


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 92.779 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

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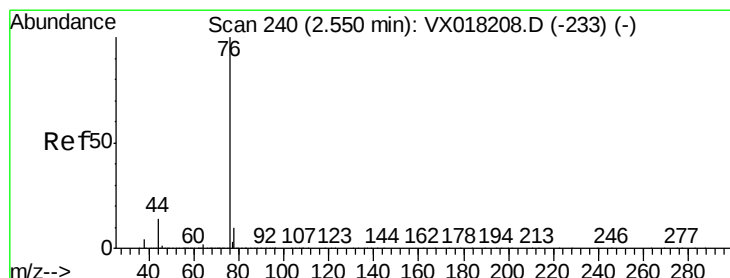
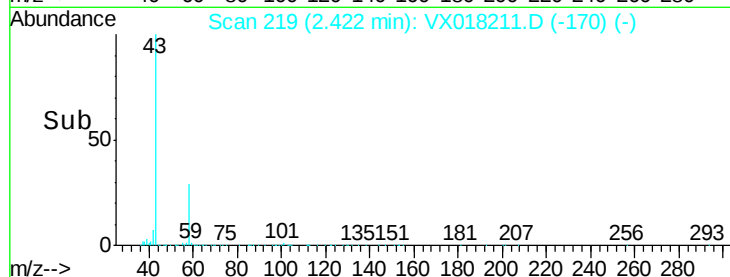
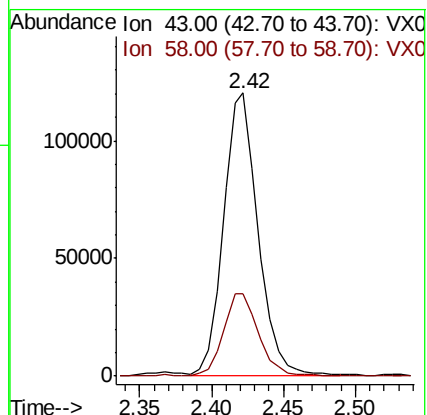
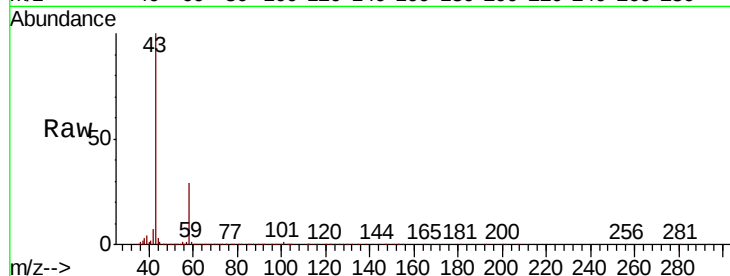
VICV36

Tot Ion: 43 Resp: 201515

Ion Ratio Lower Upper

43 100

58 29.8 0.0 59.2



#14

Carbon disulfide

Concen: 48.077 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018211.D

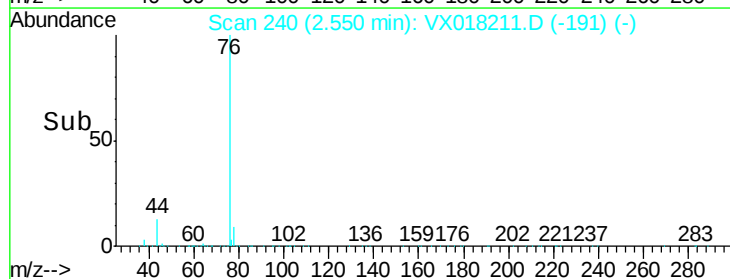
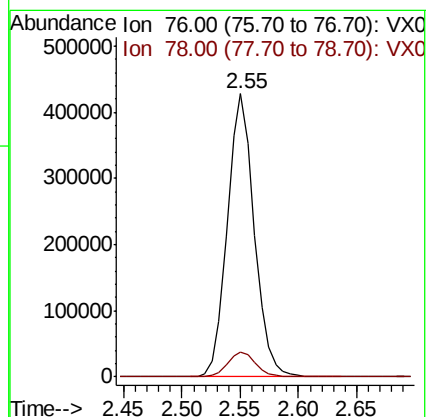
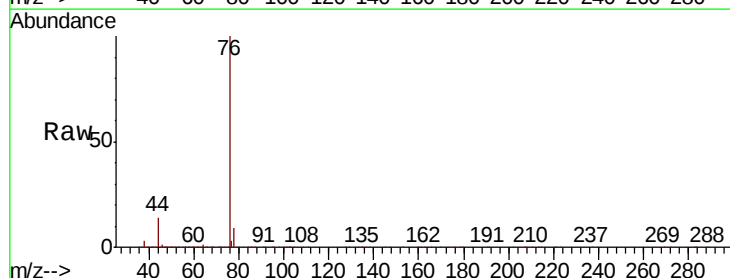
Acq: 02 Sep 2020 12:42

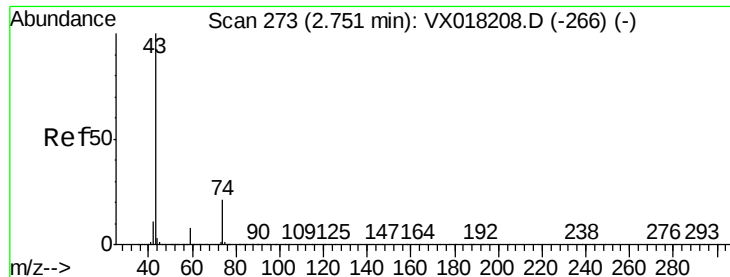
Tgt Ion: 76 Resp: 683352

Ion Ratio Lower Upper

76 100

78 8.9 7.7 11.5





#15

Methvl Acetate

Concen: 47.627 ug/L

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

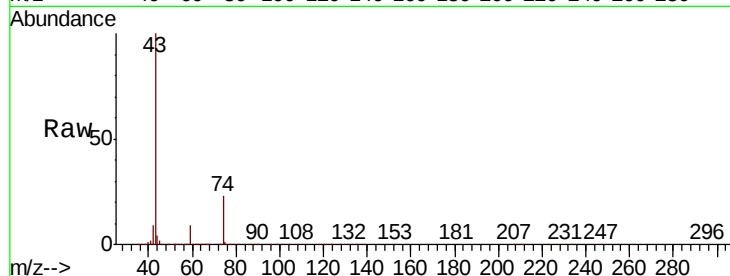
VICV36

Tot Ion: 43 Resp: 254201

Ion Ratio Lower Upper

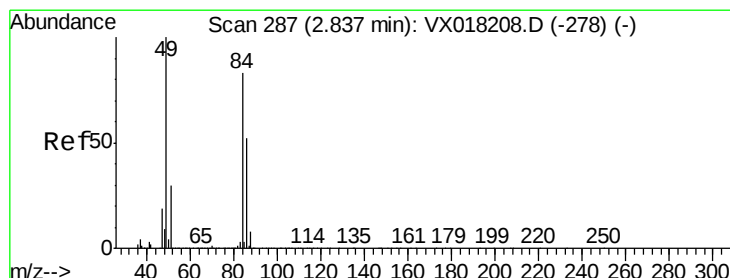
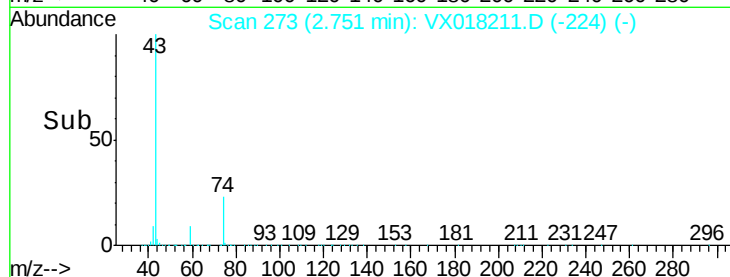
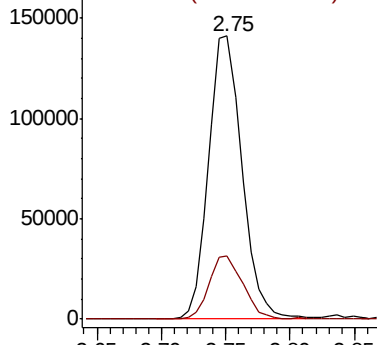
43 100

74 22.6 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#16

Methylene chloride

Concen: 47.641 ug/L

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

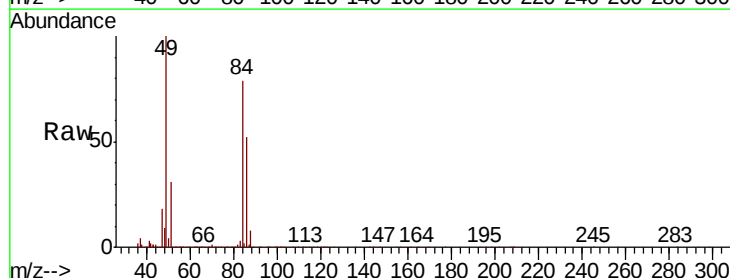
Tgt Ion: 84 Resp: 242362

Ion Ratio Lower Upper

84 100

86 65.6 43.6 81.0

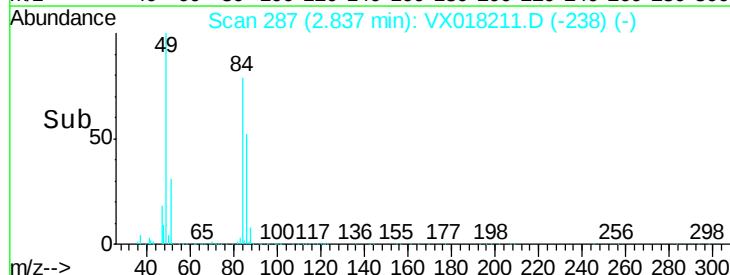
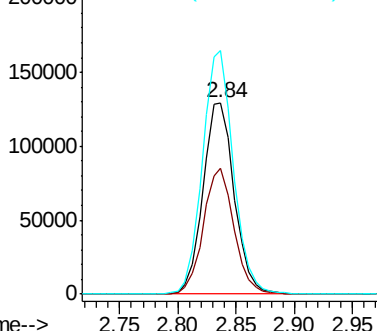
49 127.1 84.5 156.9

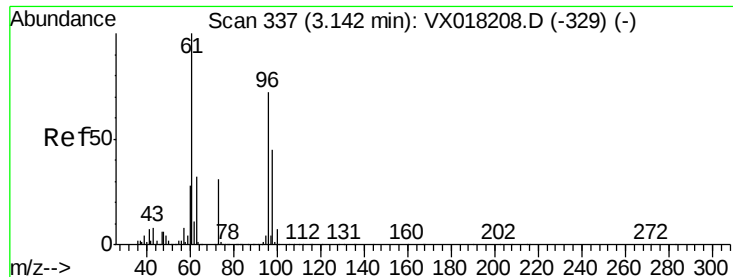


Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.00 (48.70 to 49.70): VX0





#17

trans-1,2-Dichloroethene

Concen: 48.232 ug/L

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

VICV36

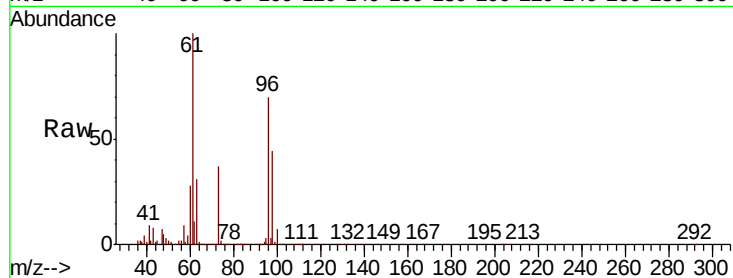
Tot Ion: 96 Resp: 232107

Ion Ratio Lower Upper

96 100

61 142.0 97.1 180.3

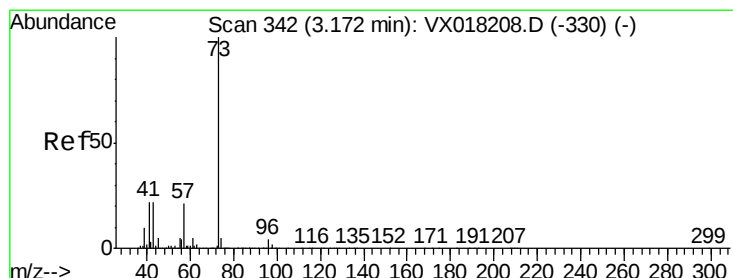
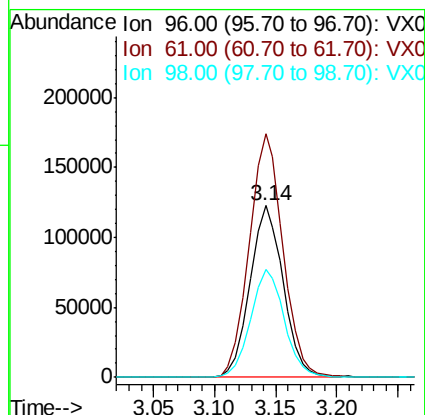
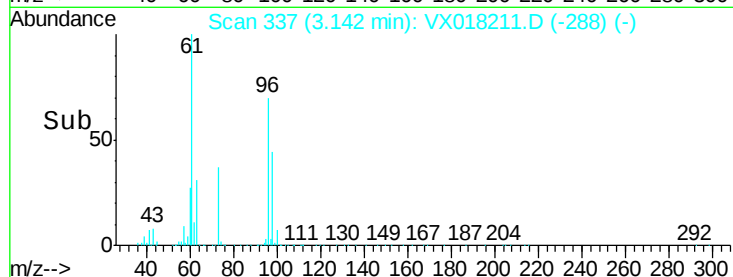
98 62.6 43.9 81.5



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#18

Methyl tert-butyl Ether

Concen: 49.326 ug/L

RT: 3.17 min Scan# 341

Delta R.T. -0.01 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

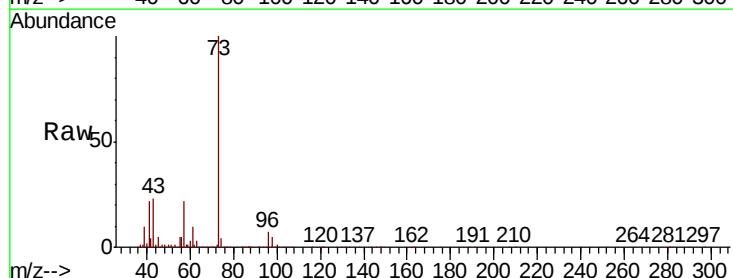
Tgt Ion: 73 Resp: 741336

Ion Ratio Lower Upper

73 100

43 22.0 17.4 26.2

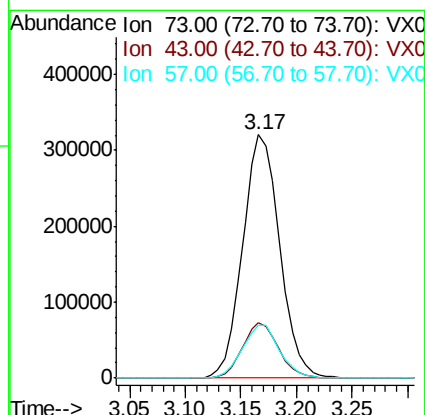
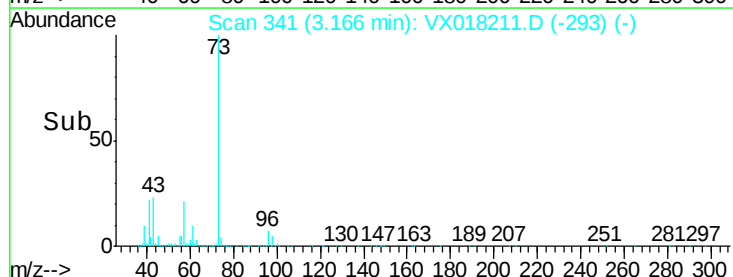
57 22.0 17.1 25.7

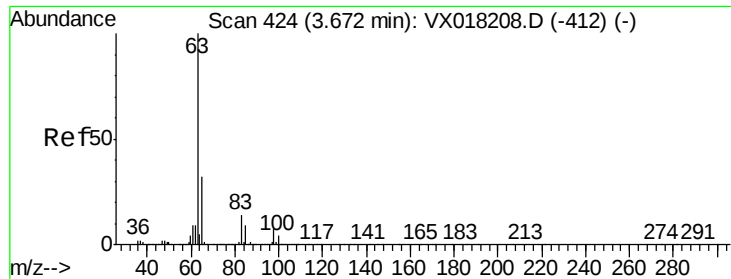


Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#19

1,1-Dichloroethane

Concen: 48.466 ug/L

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

MSVOA_X

ClientSampled :

VICV36

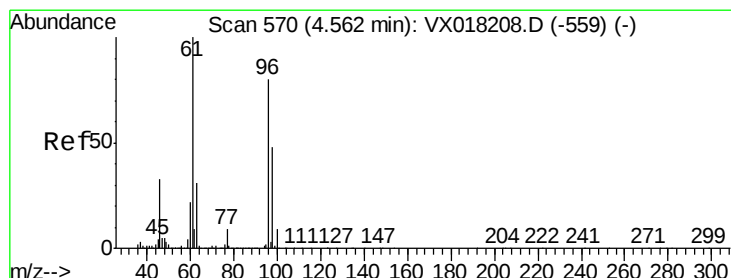
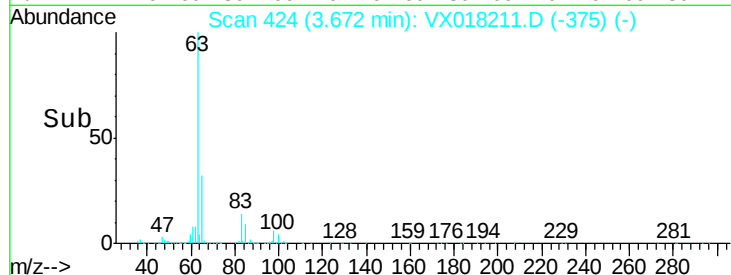
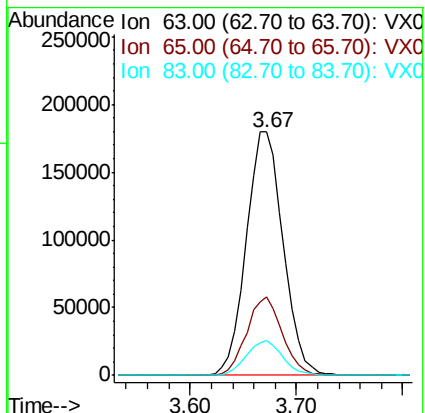
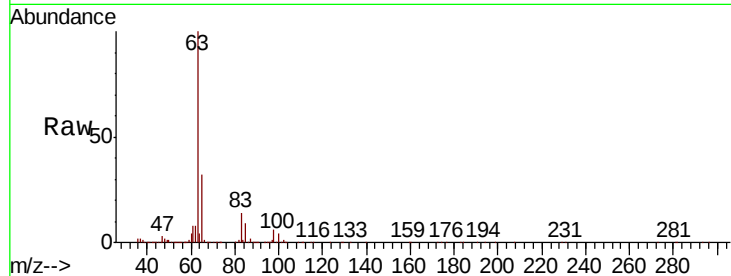
Tot Ion: 63 Resp: 437205

Ion Ratio Lower Upper

63 100

65 32.2 22.7 42.3

83 14.3 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 48.759 ug/L

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

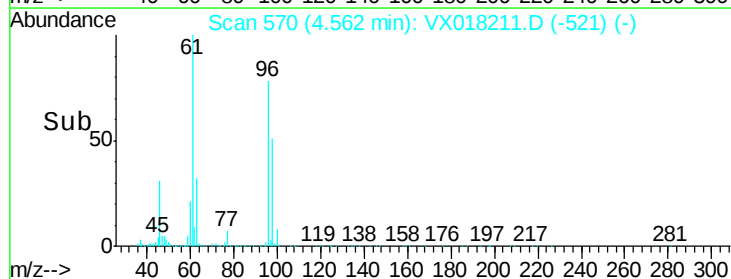
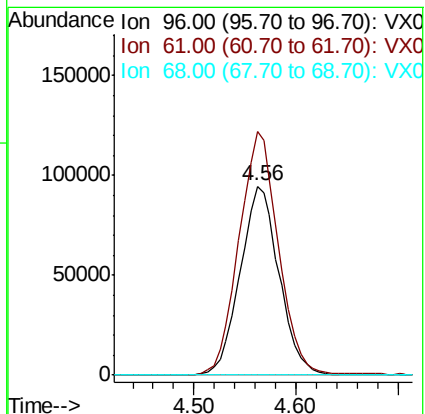
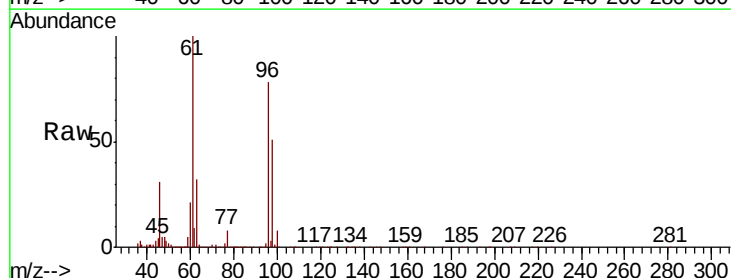
Tgt Ion: 96 Resp: 250849

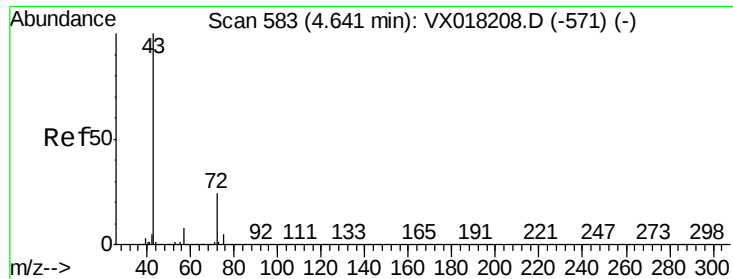
Ion Ratio Lower Upper

96 100

61 128.8 88.0 163.4

68 0.1 0.1 0.1





#22

2-Butanone

Concen: 96.459 ug/L

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

MSVOA_X

ClientSampled :

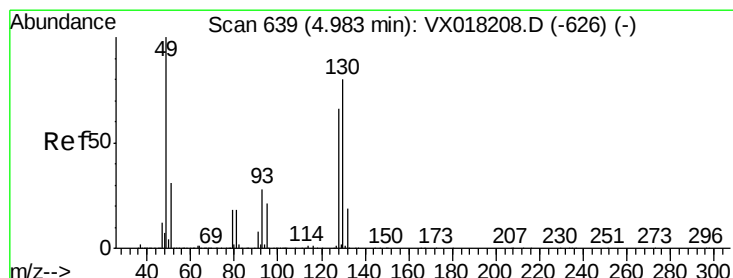
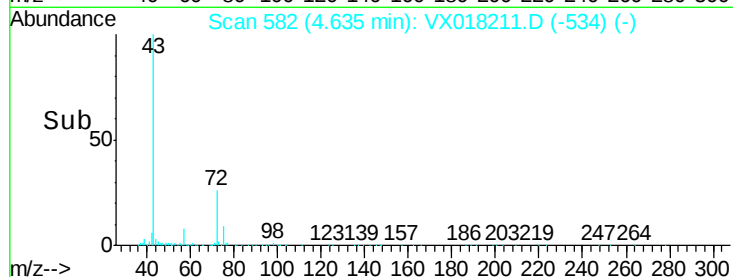
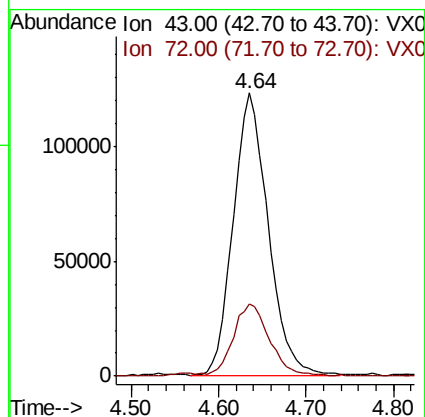
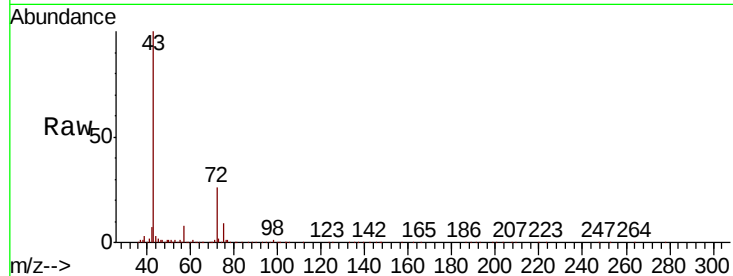
VICV36

Tot Ion: 43 Resp: 343553

Ion Ratio Lower Upper

43 100

72 25.9 12.7 38.1



#23

Bromochloromethane

Concen: 48.756 ug/L

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Tgt Ion: 128 Resp: 140382

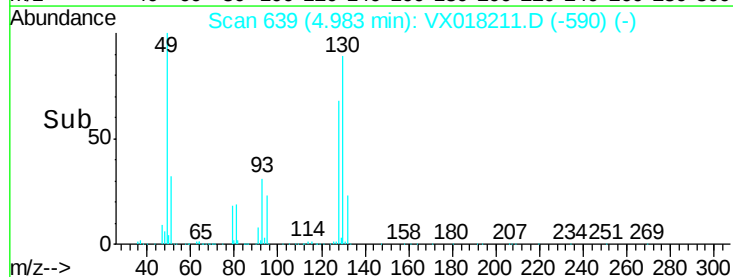
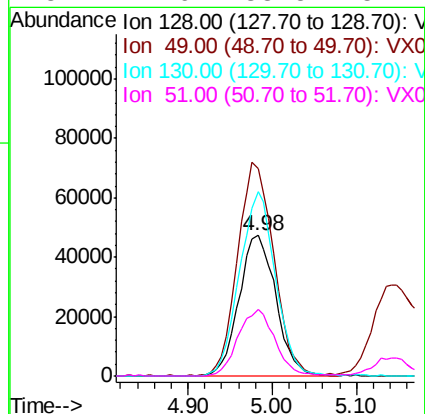
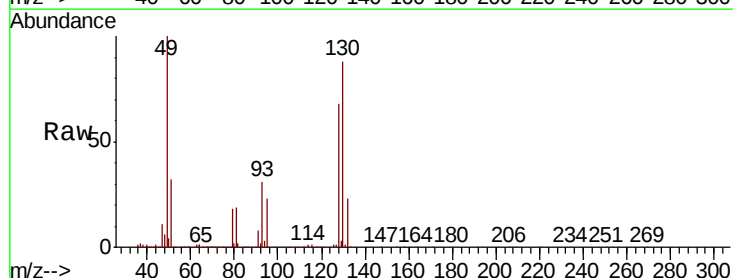
Ion Ratio Lower Upper

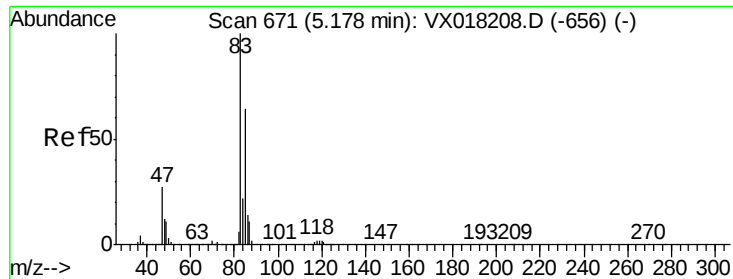
128 100

49 147.7 106.8 198.4

130 130.5 85.3 158.5

51 47.6 38.5 57.7





#25

Chloroform

Concen: 47.125 ug/L

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

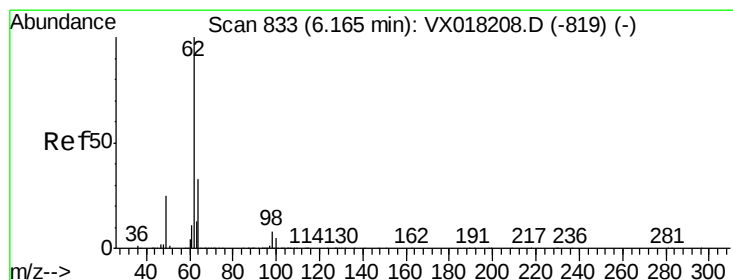
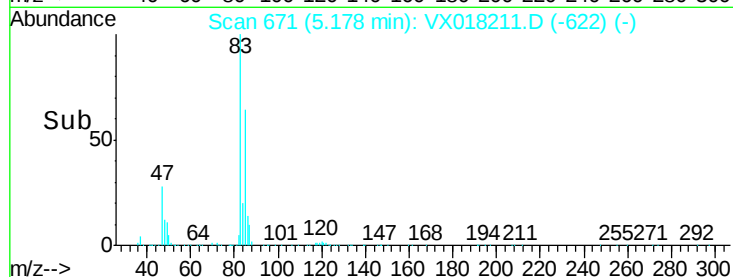
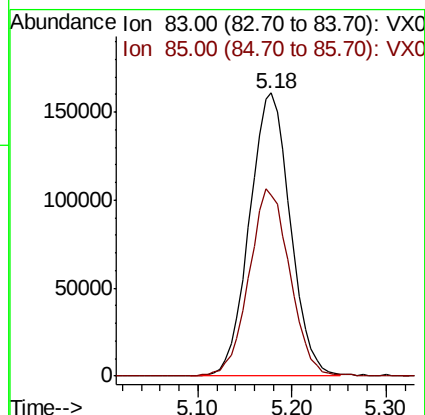
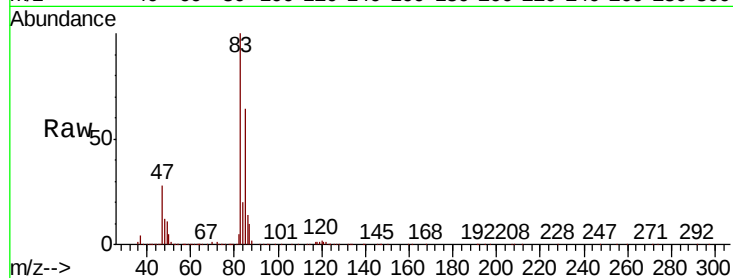
VICV36

Tot Ion: 83 Resp: 486265

Ion Ratio Lower Upper

83 100

85 63.8 44.7 83.1



#27

1,2-Dichloroethane

Concen: 49.470 ug/L

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX018211.D

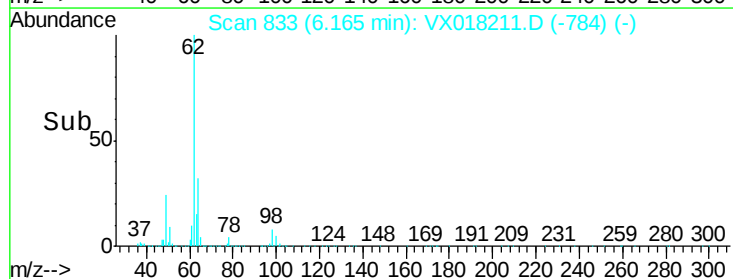
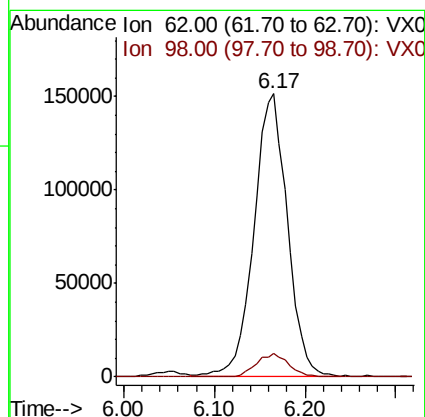
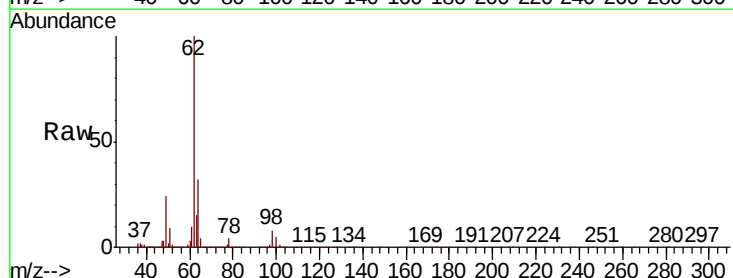
Acq: 02 Sep 2020 12:42

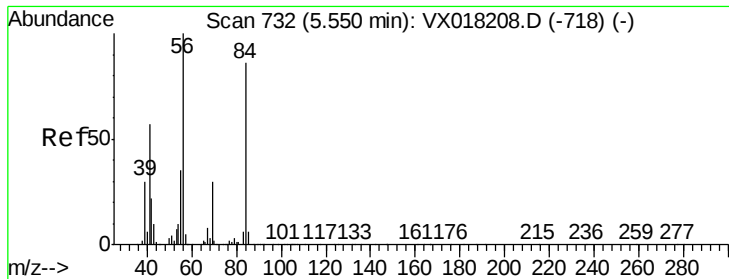
Tgt Ion: 62 Resp: 386731

Ion Ratio Lower Upper

62 100

98 8.2 6.6 9.8

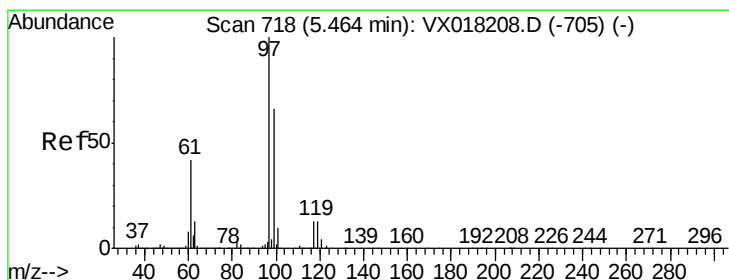
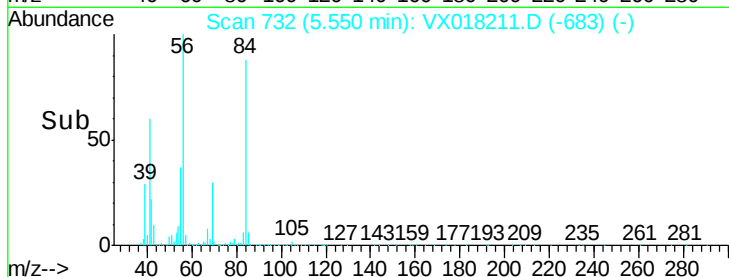
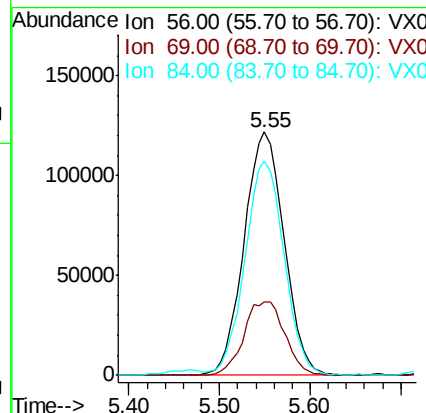
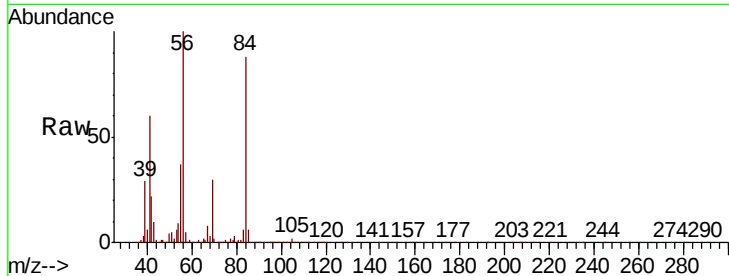




#29
Cyclohexane
Concen: 50.778 ug/L
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018211.D
Acq: 02 Sep 2020 12:42

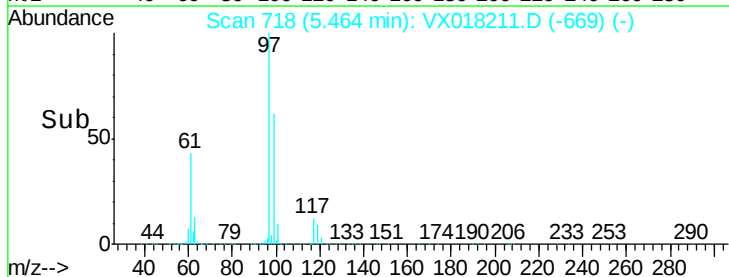
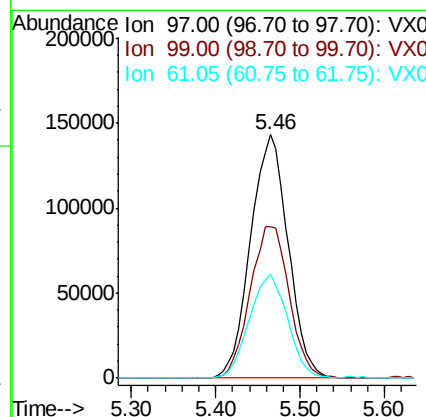
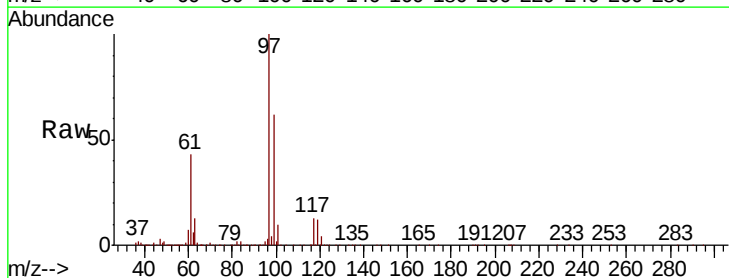
Instrument :
MSVOA_X
ClientSampleId :
VICV36

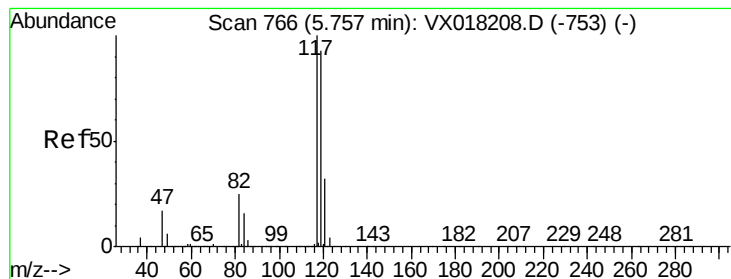
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.4	38.2
84	86.3	69.8	104.8



#30
1,1,1-Trichloroethane
Concen: 47.623 ug/L
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX018211.D
Acq: 02 Sep 2020 12:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.7	77.5
61	43.1	33.8	50.6





#31

Carbon tetrachloride

Concen: 48.376 ug/L

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

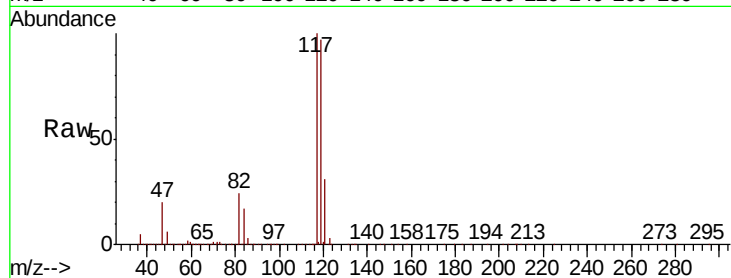
VICV36

Tot Ion:117 Resp: 402586

Ion Ratio Lower Upper

117 100

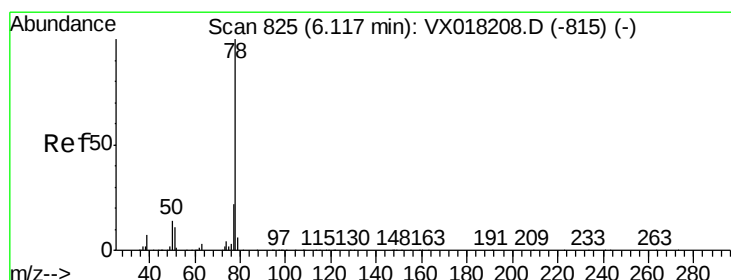
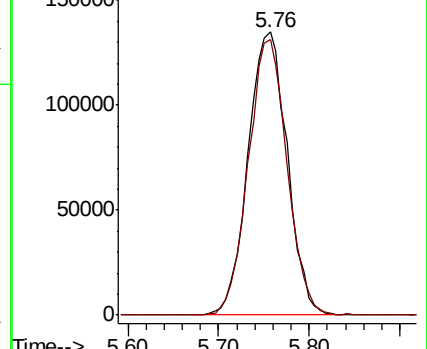
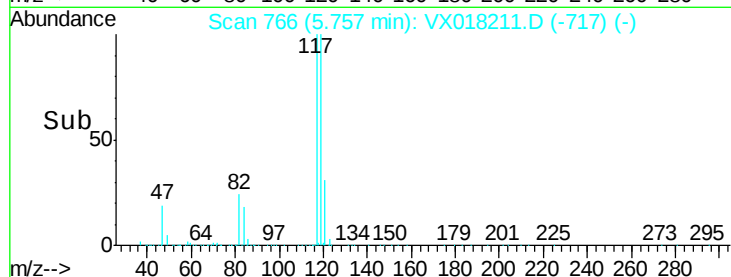
119 96.4 76.8 115.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

5.76



#33

Benzene

Concen: 48.723 ug/L

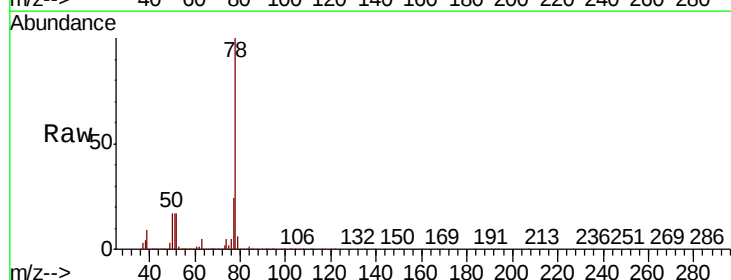
RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX018211.D

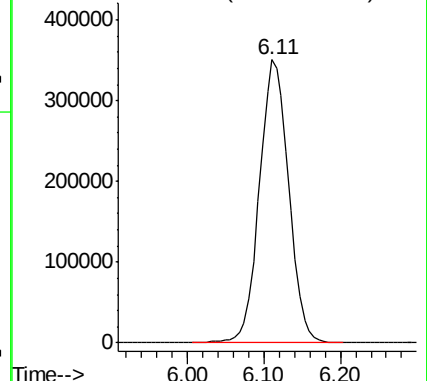
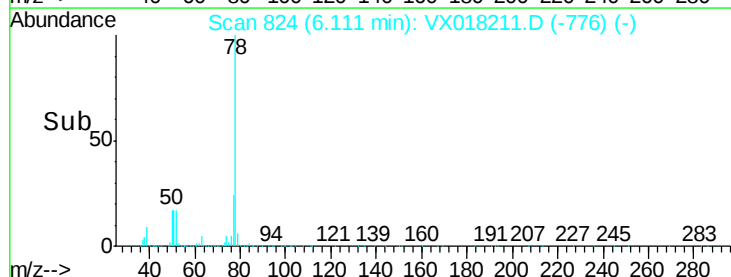
Acq: 02 Sep 2020 12:42

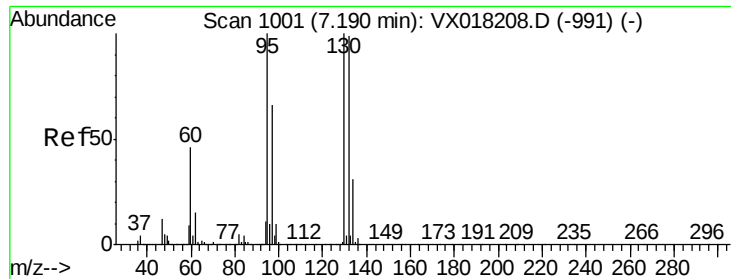
Tgt Ion: 78 Resp: 938165



Abundance Ion 78.00 (77.70 to 78.70): VX0

6.11





#34

Trichloroethene

Concen: 49.434 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

VICV36

Tot Ion: 95 Resp: 267152

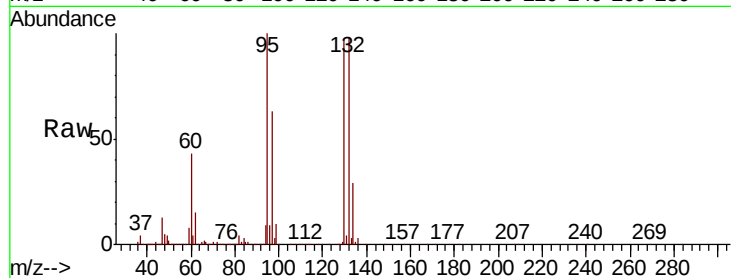
Ion Ratio Lower Upper

95 100

97 63.3 46.2 85.8

132 97.7 69.2 128.4

130 97.1 70.1 130.3



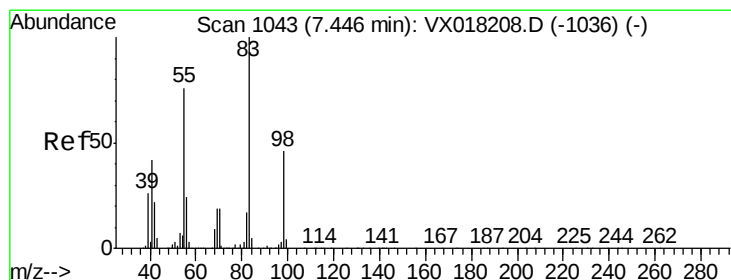
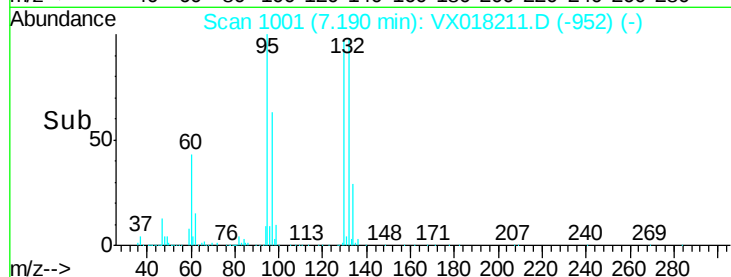
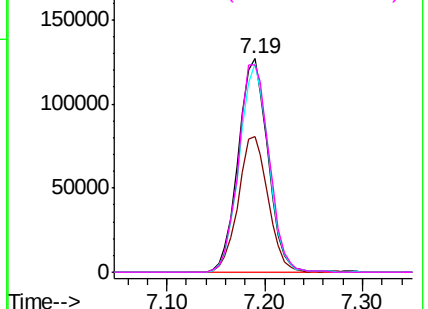
Abundance

Ion 95.00 (94.70 to 95.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 51.454 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

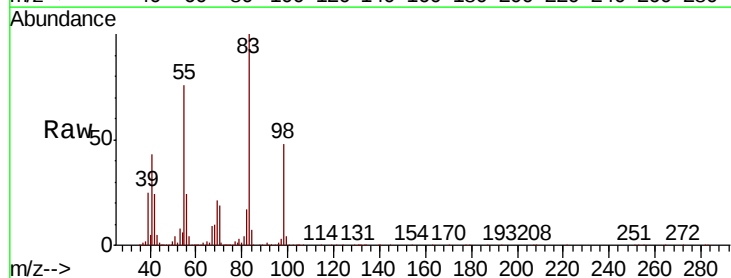
Tgt Ion: 83 Resp: 386610

Ion Ratio Lower Upper

83 100

55 78.9 62.6 94.0

98 48.1 37.1 55.7

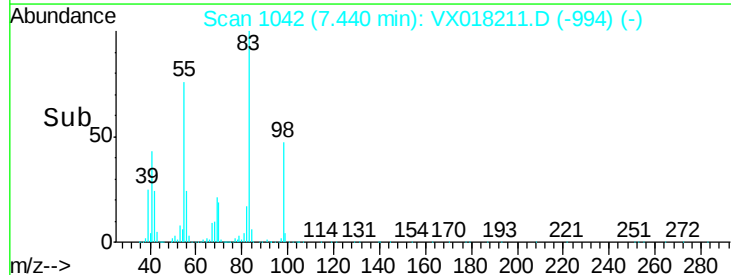
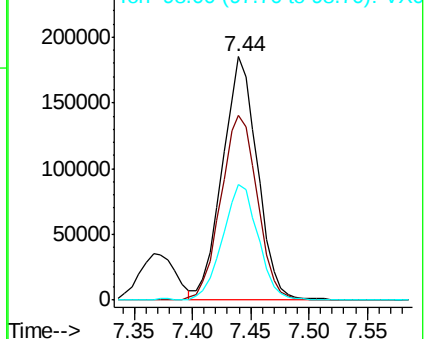


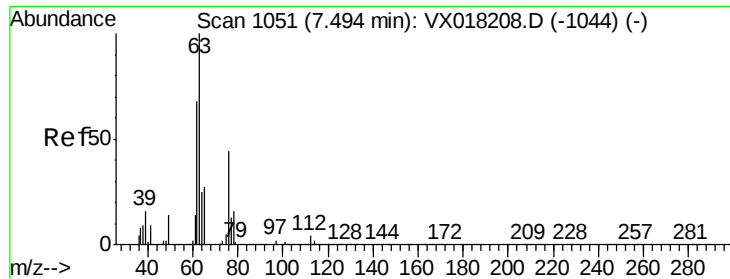
Abundance

Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

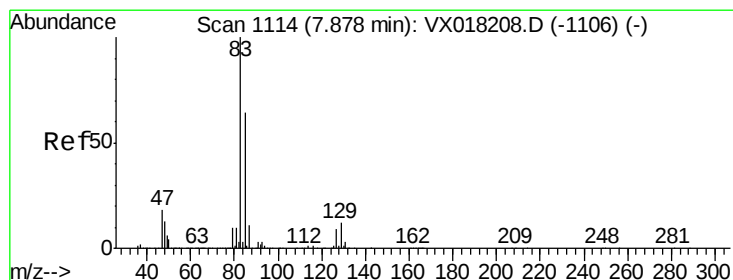
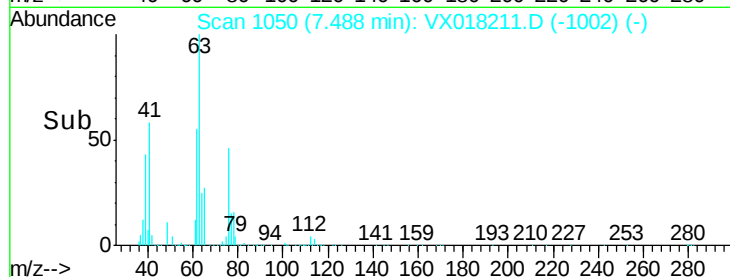
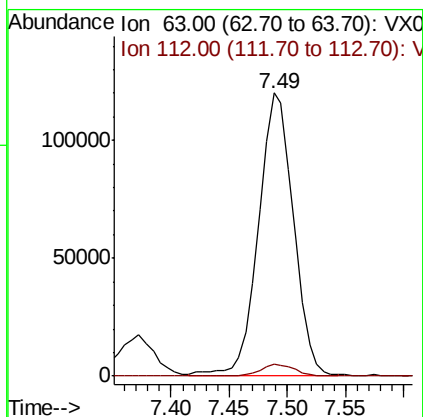
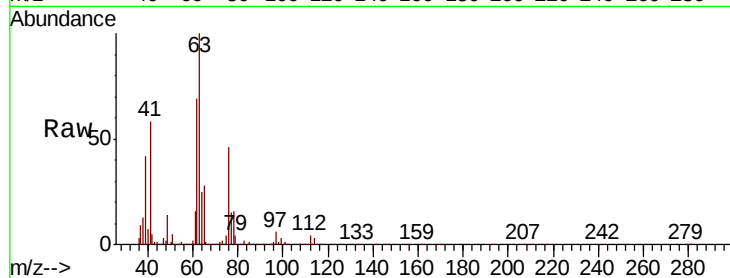




#37
 1,2-Dichloropropane
 Concen: 48.964 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018211.D
 Acq: 02 Sep 2020 12:42

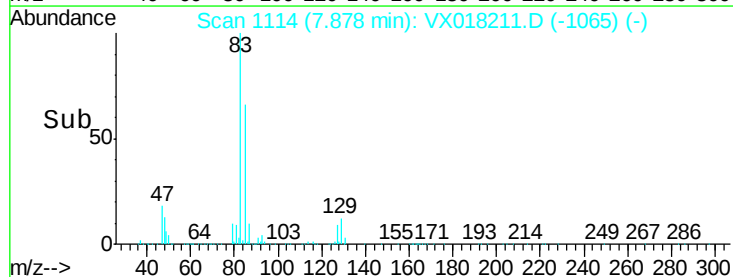
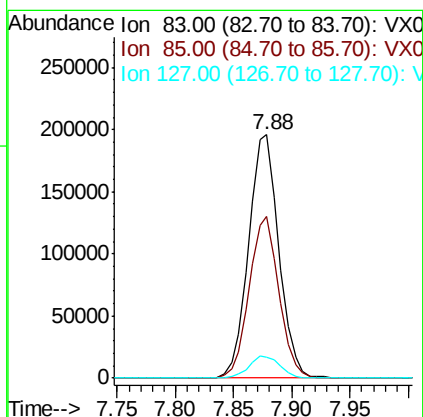
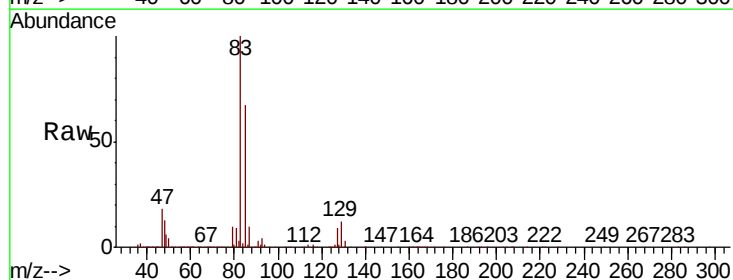
Instrument :
 MSVOA_X
 ClientSampled :
 VICV36

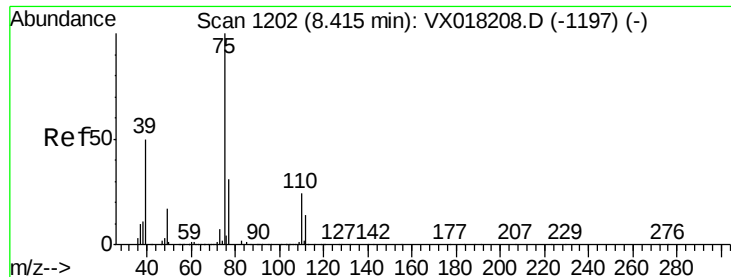
Tot Ion: 63 Resp: 249691
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.6 5.4



#38
 Bromodichloromethane
 Concen: 48.839 ug/L
 RT: 7.88 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: VX018211.D
 Acq: 02 Sep 2020 12:42

Tgt Ion: 83 Resp: 354652
 Ion Ratio Lower Upper
 83 100
 85 66.5 44.5 82.7
 127 8.7 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 51.039 ug/L

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

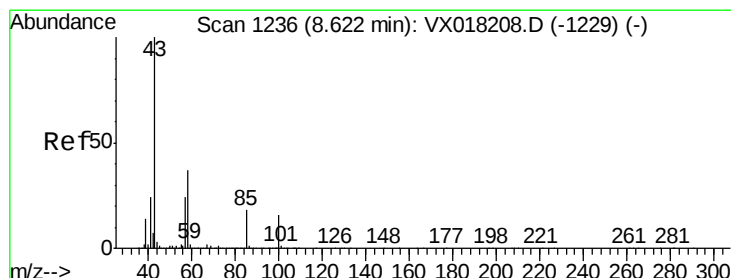
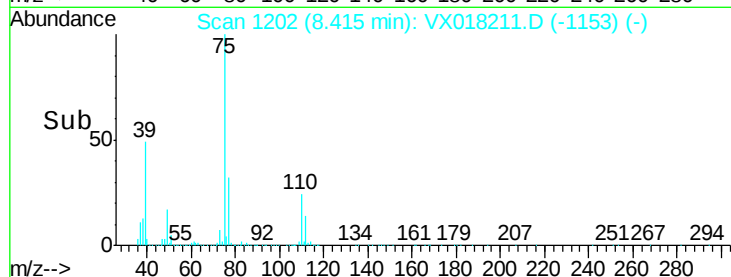
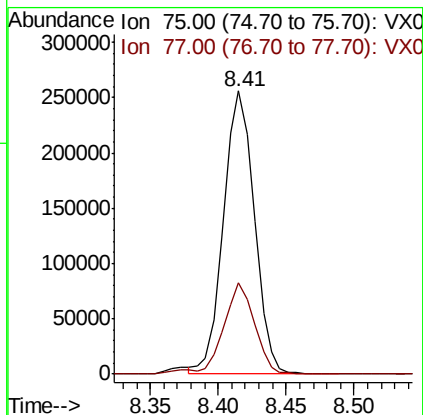
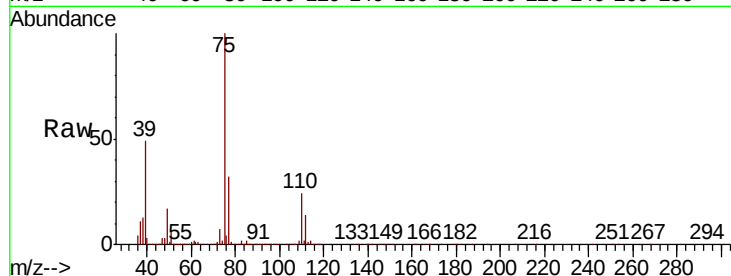
VICV36

Tot Ion: 75 Resp: 405866

Ion Ratio Lower Upper

75 100

77 32.3 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 99.399 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

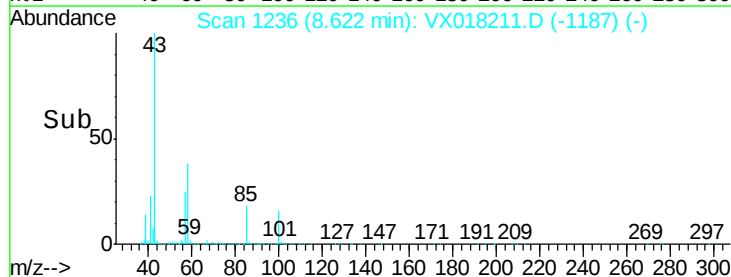
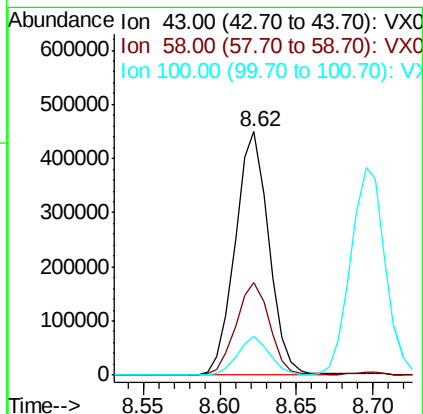
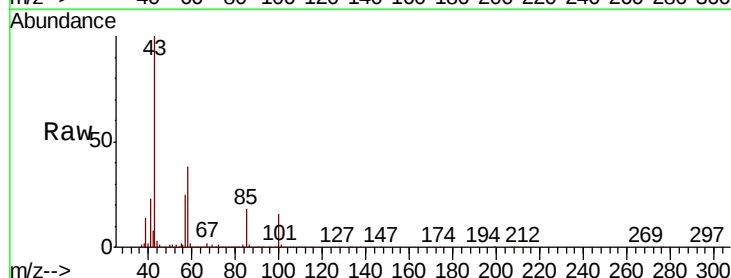
Tgt Ion: 43 Resp: 687250

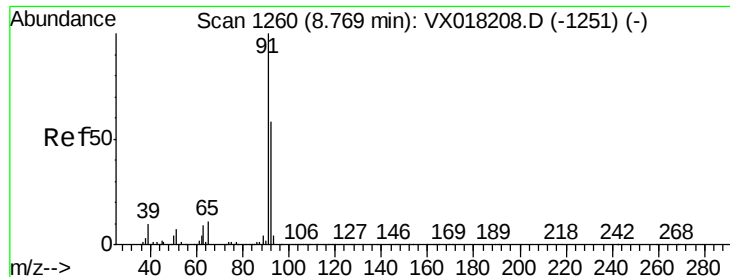
Ion Ratio Lower Upper

43 100

58 38.0 30.3 45.5

100 15.1 11.9 17.9





#42

Toluene

Concen: 50.115 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

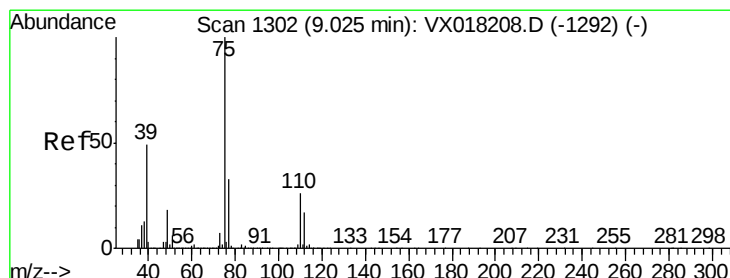
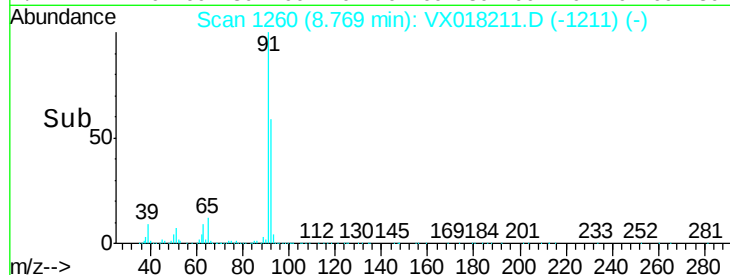
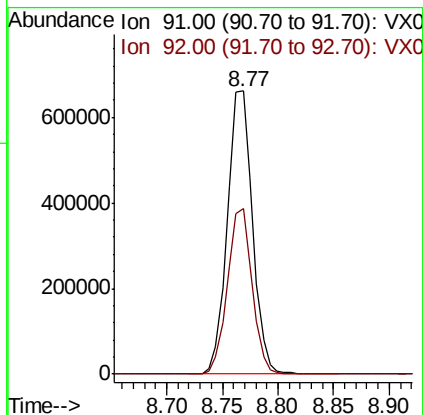
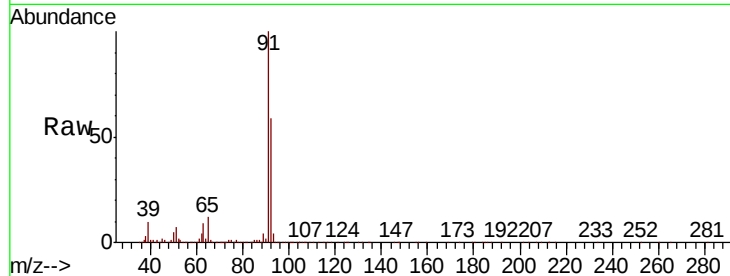
VICV36

Tot Ion: 91 Resp: 1035679

Ion Ratio Lower Upper

91 100

92 58.7 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 49.456 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018211.D

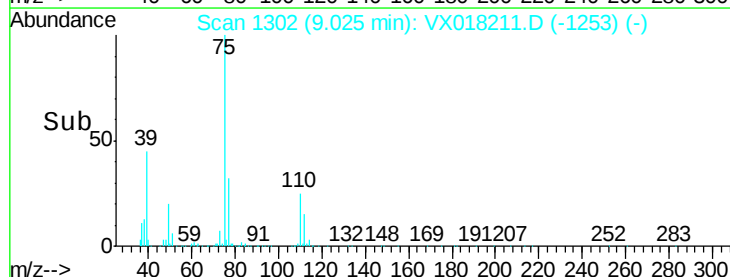
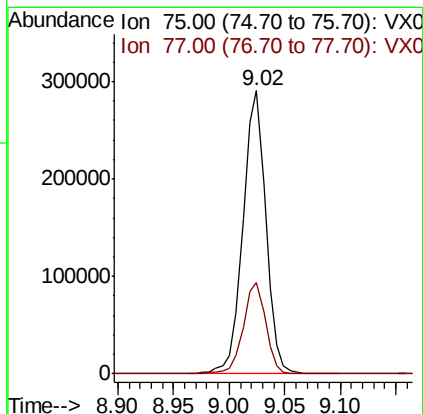
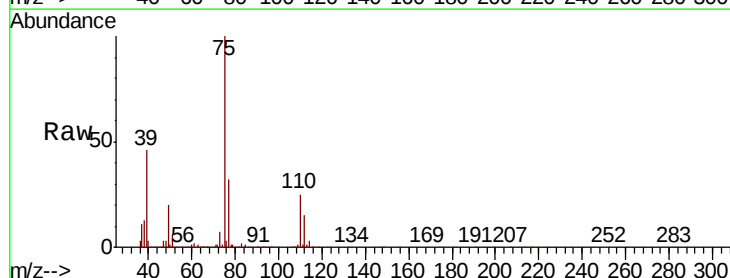
Acq: 02 Sep 2020 12:42

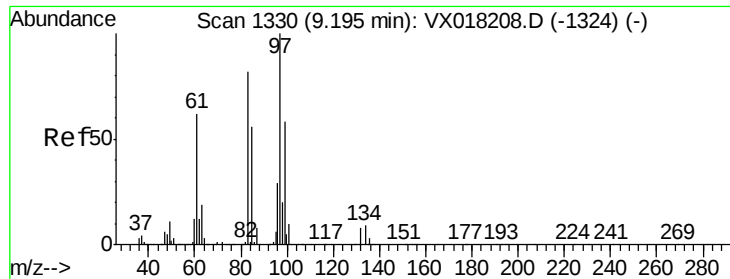
Tgt Ion: 75 Resp: 413666

Ion Ratio Lower Upper

75 100

77 32.4 23.2 43.0

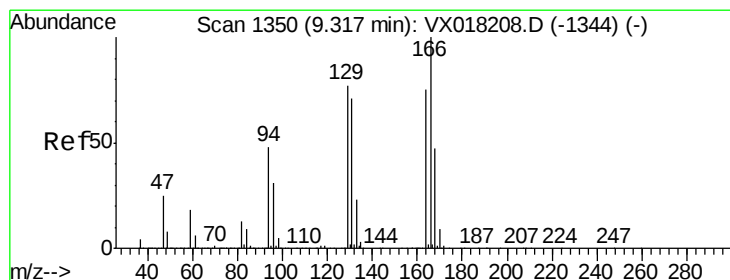
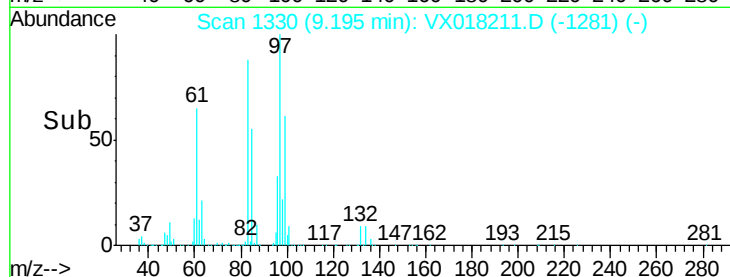
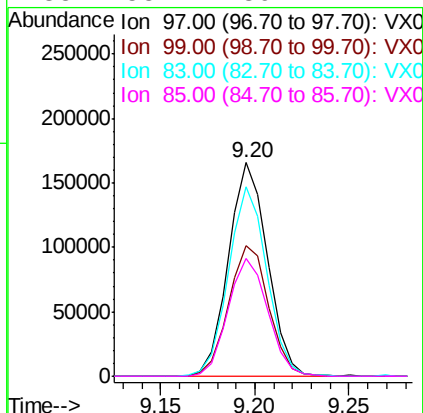
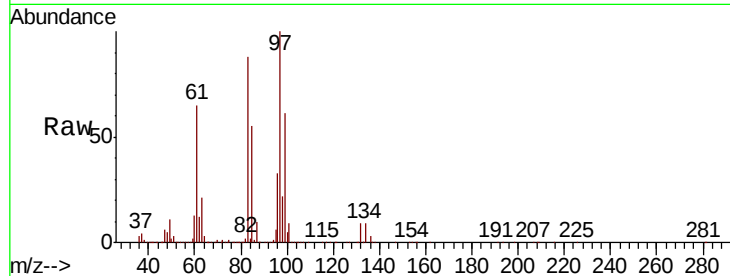




#45
 1,1,2-Trichloroethane
 Concen: 46.593 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018211.D
 Acq: 02 Sep 2020 12:42

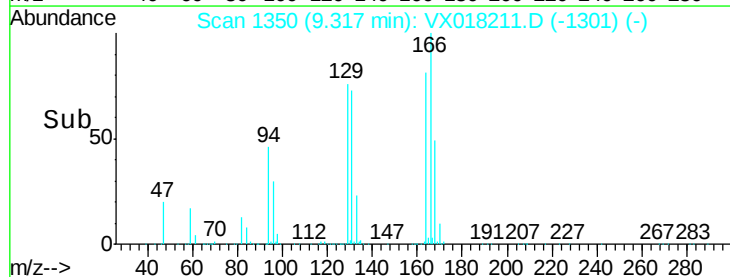
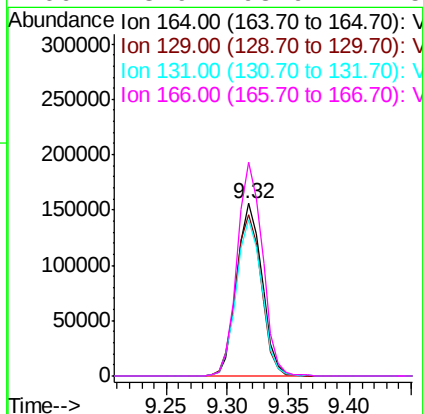
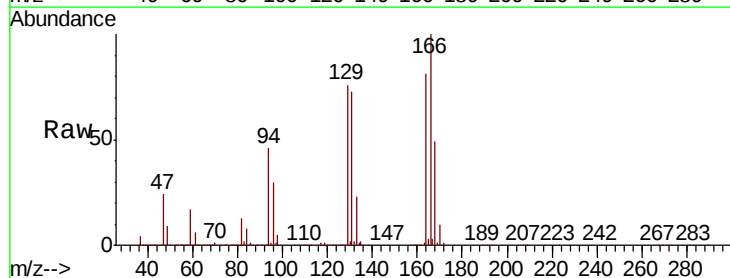
Instrument :
 MSVOA_X
 ClientSampled :
 VICV36

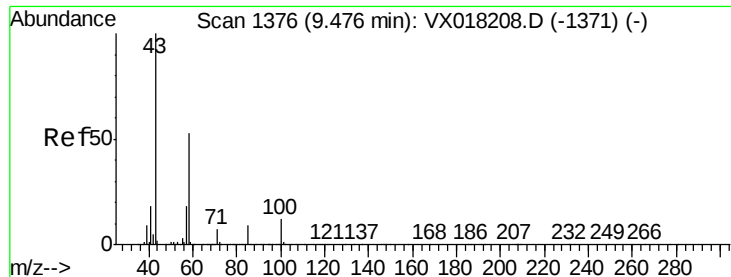
Tot Ion:	97	Resp:	238496
Ion	Ratio	Lower	Upper
97	100		
99	61.0	40.3	74.9
83	88.5	57.7	107.1
85	55.1	39.1	72.7



#46
 Tetrachloroethene
 Concen: 51.600 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX018211.D
 Acq: 02 Sep 2020 12:42

Tgt Ion:	164	Resp:	222316
Ion	Ratio	Lower	Upper
164	100		
129	93.5	72.0	133.6
131	90.5	66.8	124.2
166	123.9	93.9	174.5

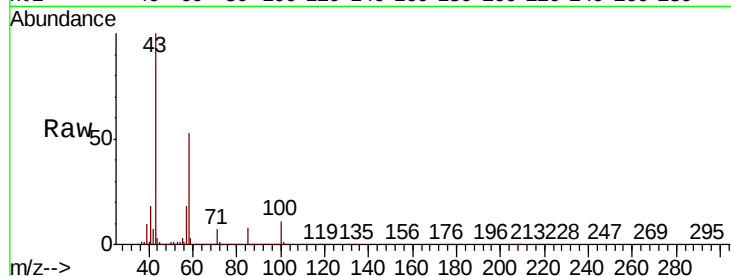




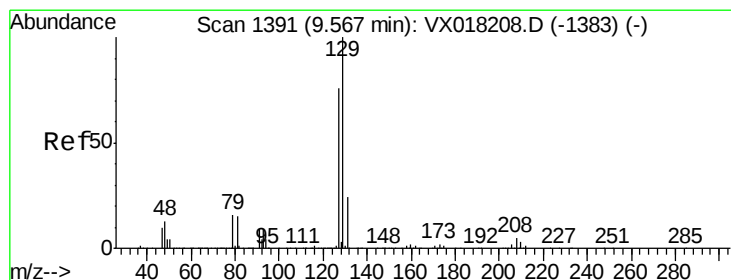
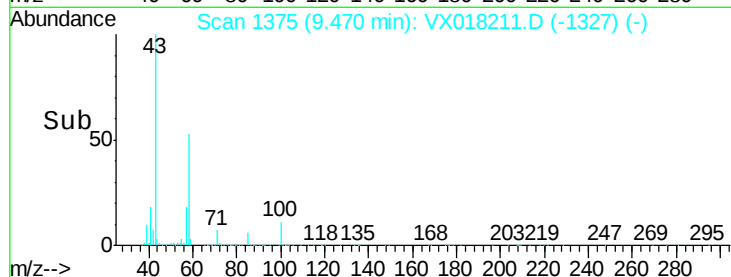
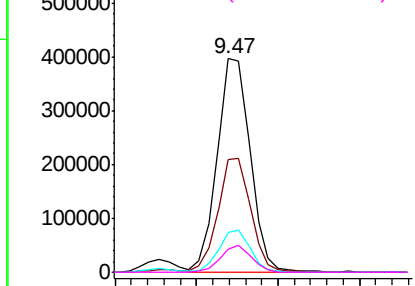
#48
2-Hexanone
Concen: 100.323 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018211.D
Acq: 02 Sep 2020 12:42

Instrument :
MSVOA_X
ClientSampleId :
VICV36

Tot Ion:	43	Resp:	560715
Ion	Ratio	Lower	Upper
43	100		
58	52.3	41.8	62.8
57	18.6	15.2	22.8
100	11.6	9.4	14.2

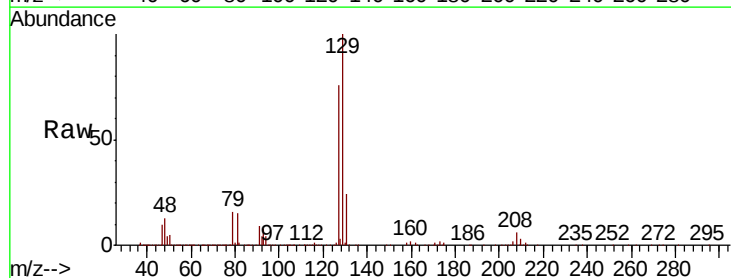


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 100.00 (99.70 to 100.70): V

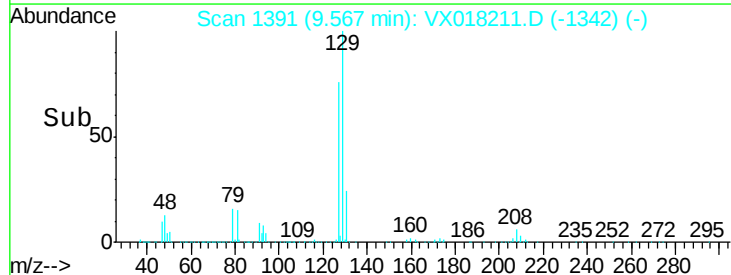
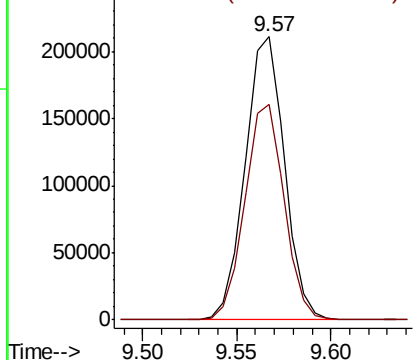


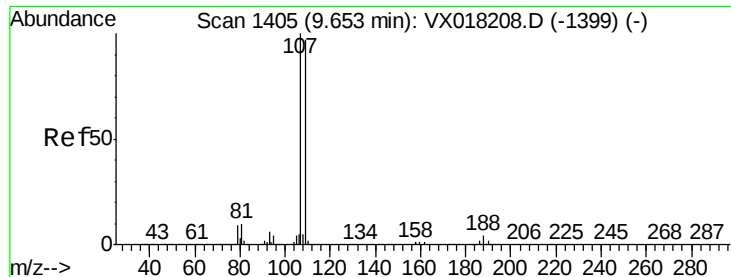
#49
Dibromochloromethane
Concen: 48.654 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018211.D
Acq: 02 Sep 2020 12:42

Tgt Ion:	129	Resp:	305210
Ion	Ratio	Lower	Upper
129	100		
127	76.1	53.1	98.5



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

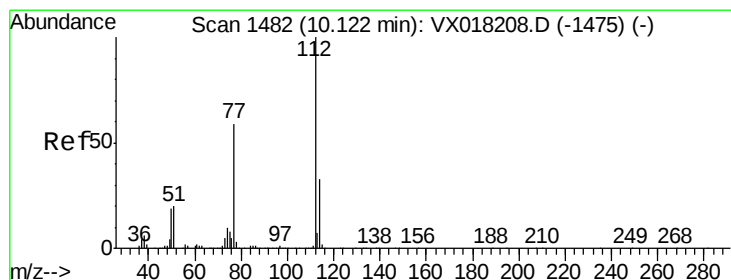
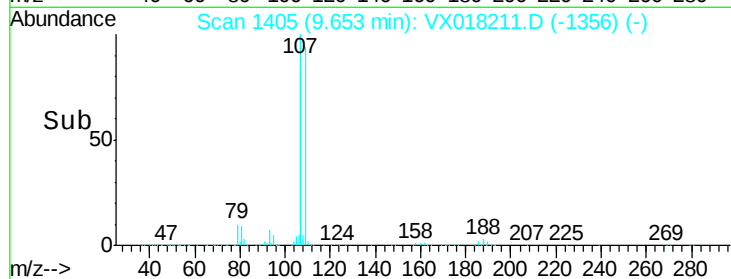
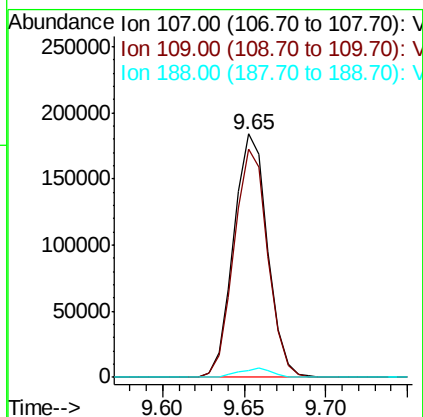
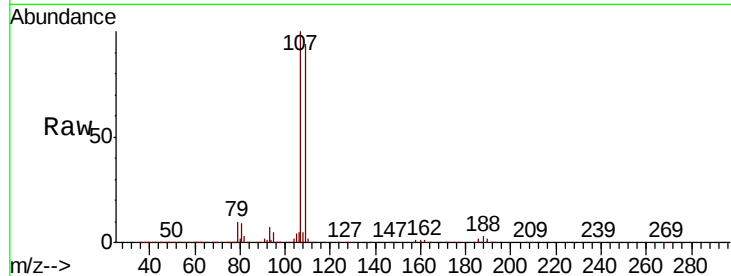




#50
 1,2-Dibromoethane
 Concen: 49.079 ug/L
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018211.D
 Acq: 02 Sep 2020 12:42

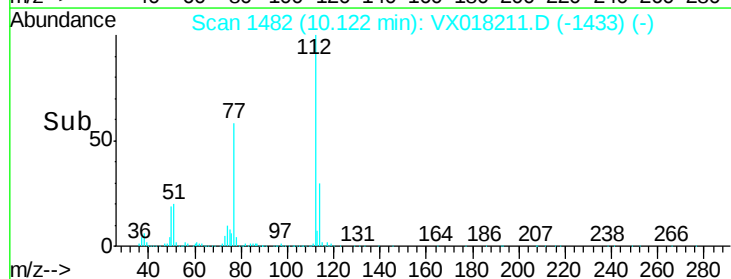
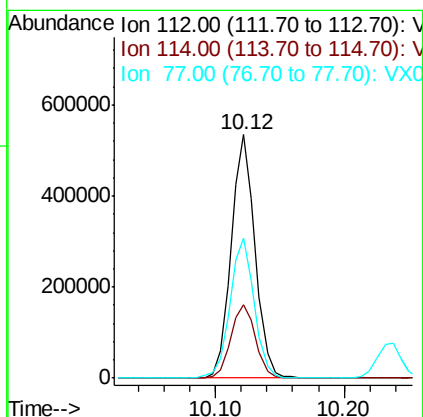
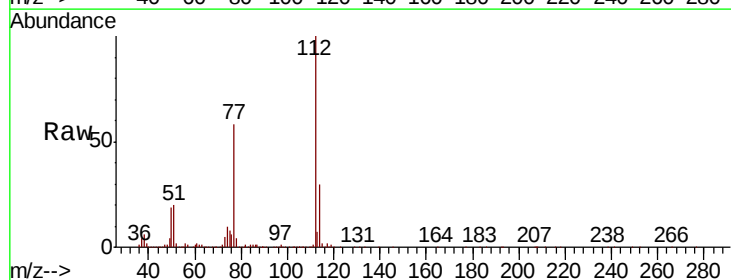
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV36

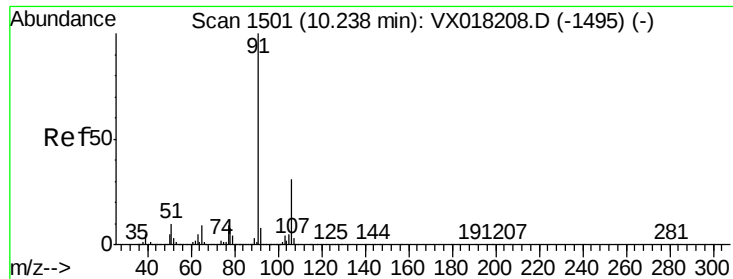
Tot Ion:	107	Resp:	266053
Ion	Ratio	Lower	Upper
107	100		
109	93.6	68.0	126.2
188	2.9	2.8	4.2



#51
 Chlorobenzene
 Concen: 49.074 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VX018211.D
 Acq: 02 Sep 2020 12:42

Tgt Ion:	112	Resp:	690701
Ion	Ratio	Lower	Upper
112	100		
114	30.4	23.2	43.2
77	57.7	47.0	70.6





#52

Ethylbenzene

Concen: 50.575 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

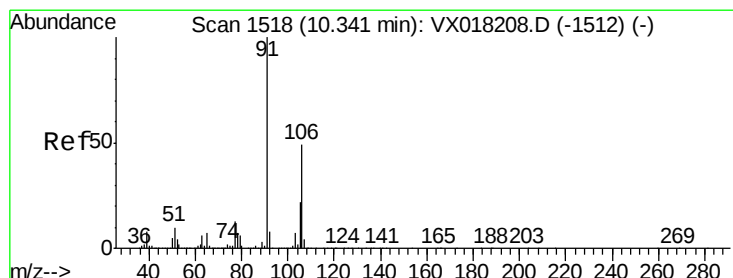
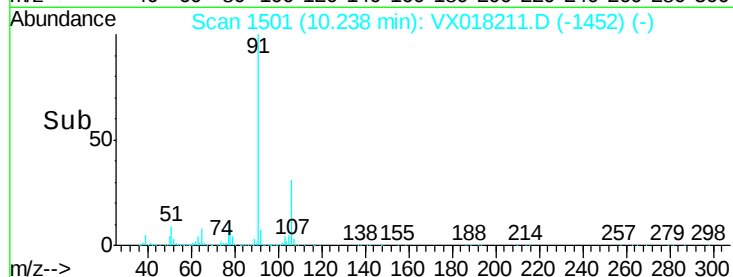
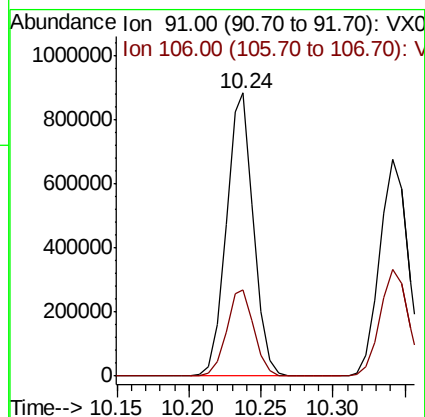
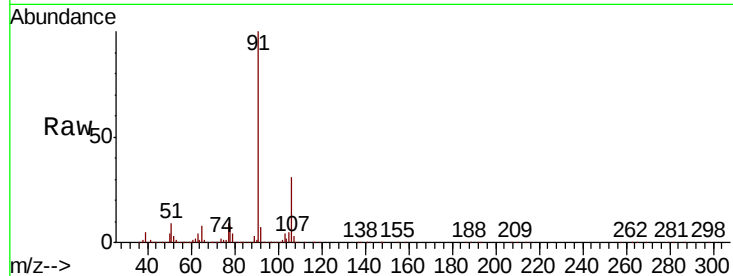
VICV36

Tot Ion: 91 Resp: 1165306

Ion Ratio Lower Upper

91 100

106 30.6 21.9 40.7



#53

m,p-Xylene

Concen: 50.883 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018211.D

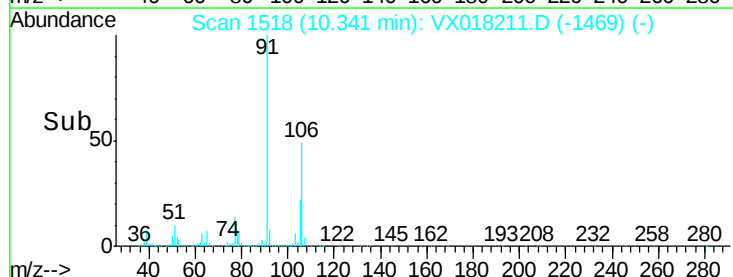
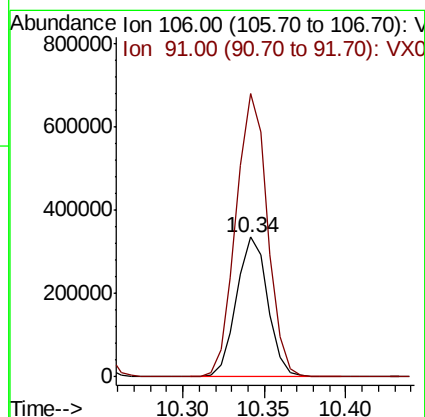
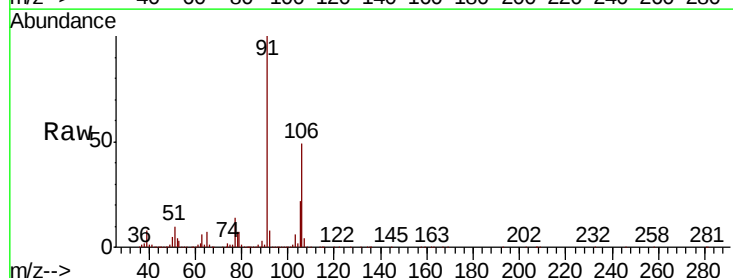
Acq: 02 Sep 2020 12:42

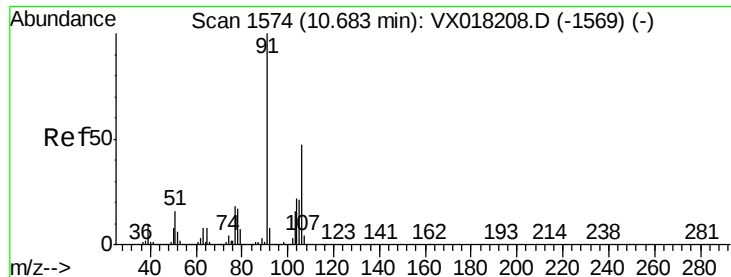
Tgt Ion: 106 Resp: 447883

Ion Ratio Lower Upper

106 100

91 202.6 142.2 264.2





#54

o-xylene

Concen: 51.006 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

MSVOA_X

ClientSampled :

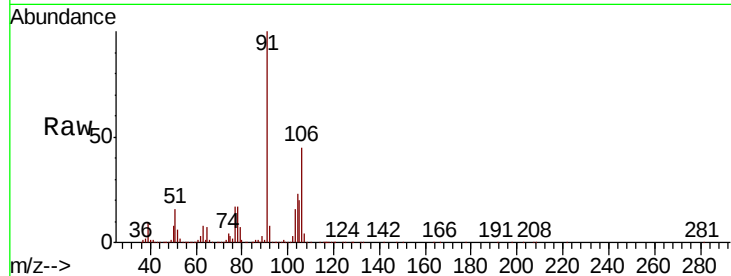
VICV36

Tot Ion:106 Resp: 428521

Ion Ratio Lower Upper

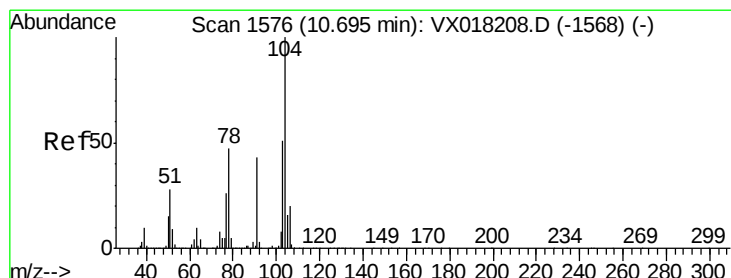
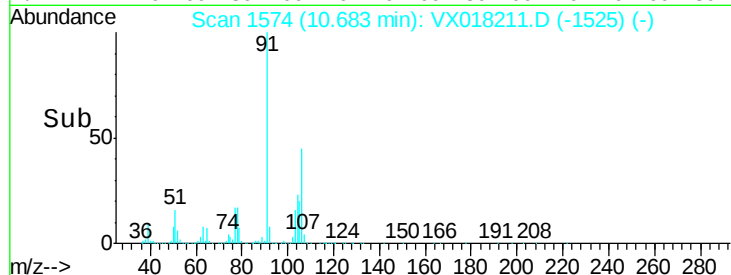
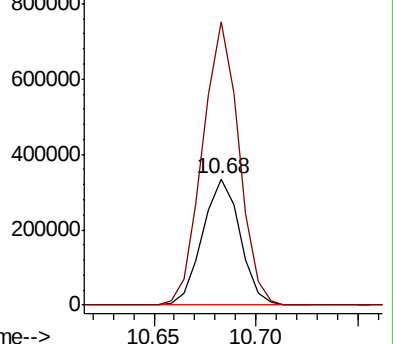
106 100

91 223.7 150.3 279.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#55

Styrene

Concen: 51.443 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX018211.D

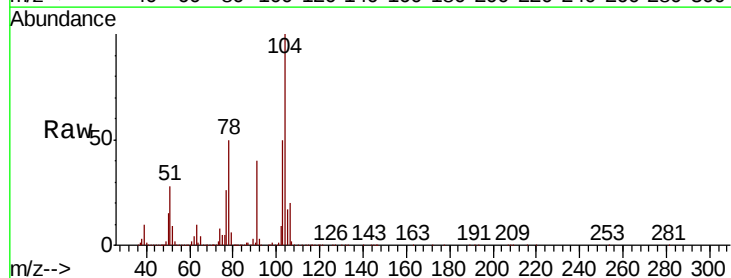
Acq: 02 Sep 2020 12:42

Tgt Ion:104 Resp: 746545

Ion Ratio Lower Upper

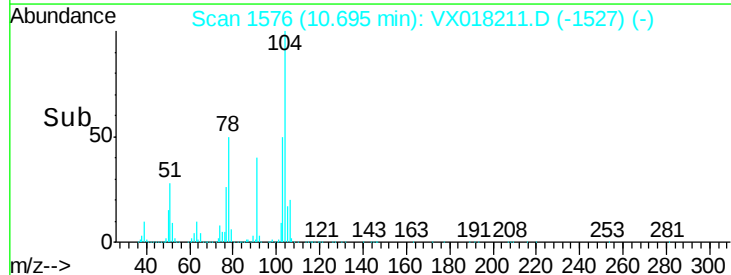
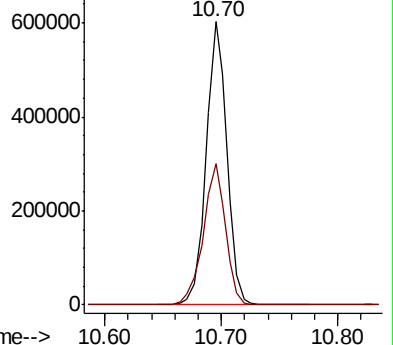
104 100

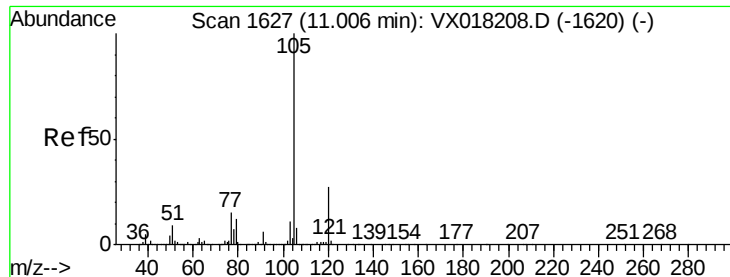
78 49.7 33.1 61.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0





#56

Isopropylbenzene

Concen: 51.311 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

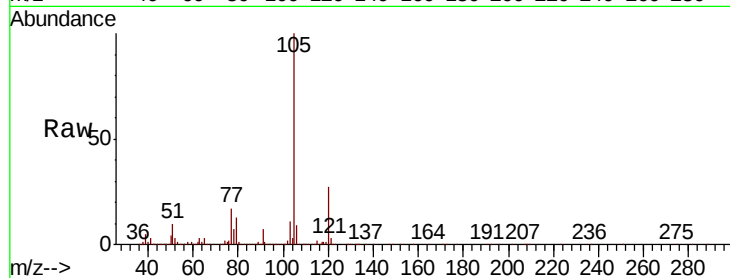
MSVOA_X

ClientSampleId :

VICV36

Tot Ion:105 Resp: 1153052

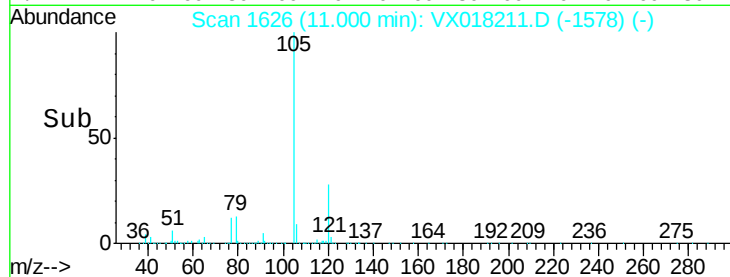
Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.3	31.9
77	16.3	12.7	19.1



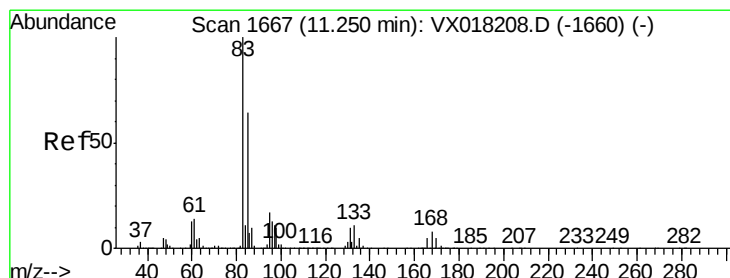
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



Time-->



#58

1,1,2,2-Tetrachloroethane

Concen: 48.558 ug/L

RT: 11.25 min Scan# 1667

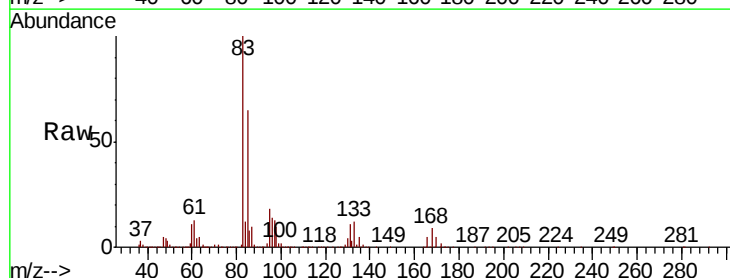
Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Tgt Ion: 83 Resp: 365000

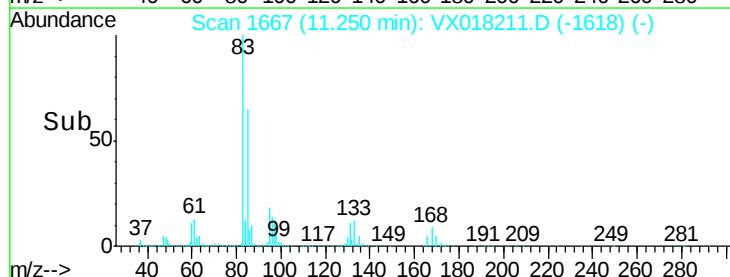
Ion	Ratio	Lower	Upper
83	100		
85	65.0	44.6	82.8
131	10.7	8.0	12.0



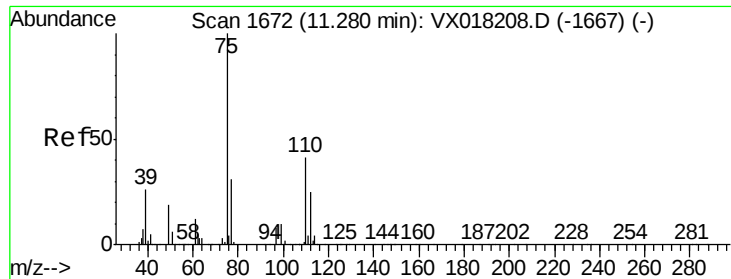
Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 131.00 (130.70 to 131.70): V



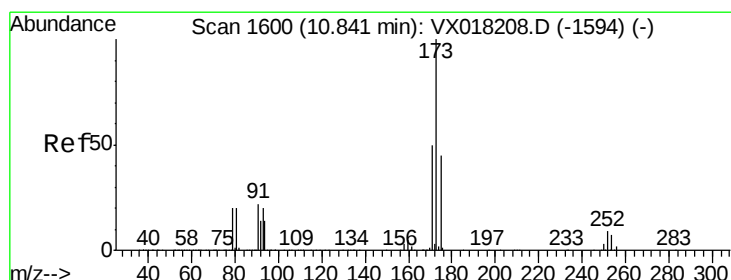
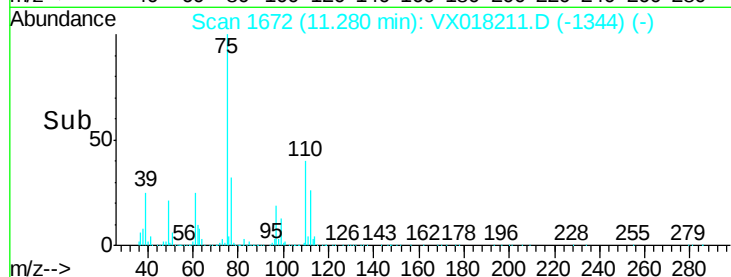
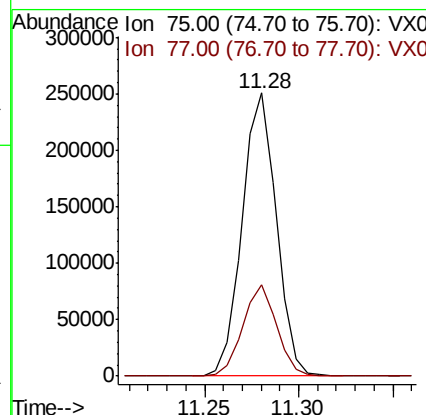
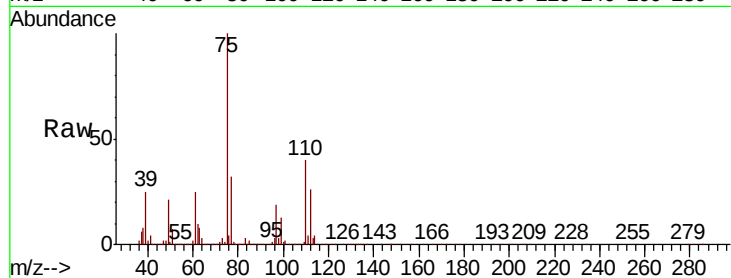
Time-->



#59
 1,2,3-Trichloropropane
 Concen: 48.461 ug/L
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX018211.D
 Acq: 02 Sep 2020 12:42

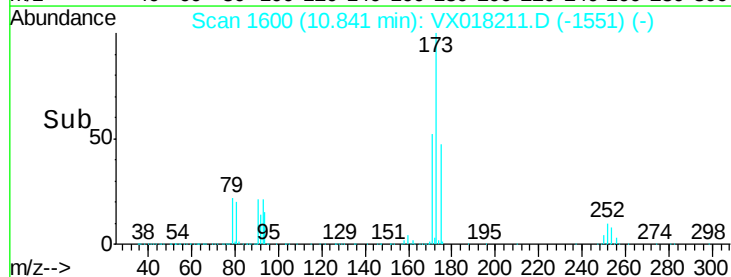
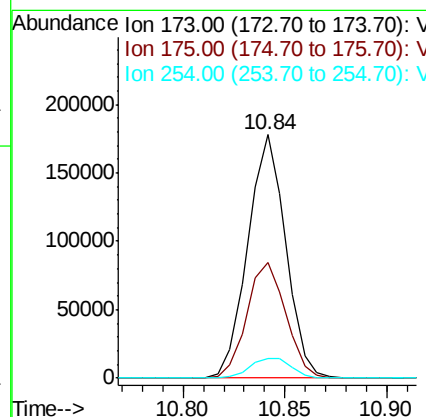
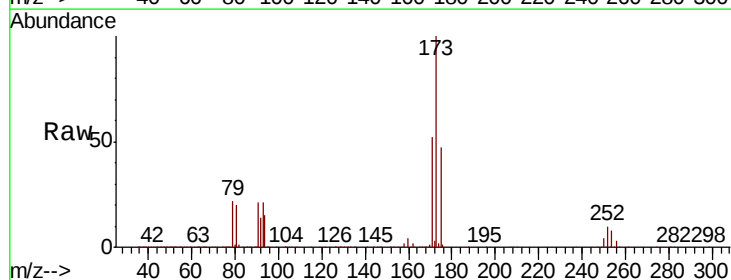
Instrument :
 MSVOA_X
 ClientSampled :
 VICV36

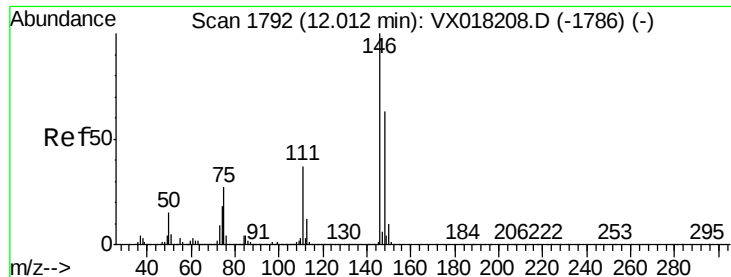
Tot Ion: 75 Resp: 315686
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.8



#61
 Bromoform
 Concen: 47.440 ug/L
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX018211.D
 Acq: 02 Sep 2020 12:42

Tgt Ion: 173 Resp: 229286
 Ion Ratio Lower Upper
 173 100
 175 49.1 37.9 56.9
 254 9.0 6.6 10.0





#62

1,3-Dichlorobenzene

Concen: 48.746 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

MSVOA_X

ClientSampled :

VICV36

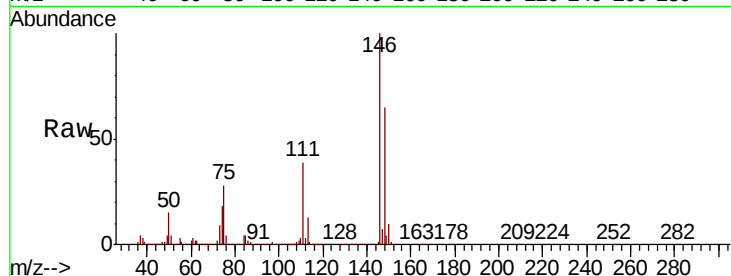
Tot Ion:146 Resp: 545757

Ion Ratio Lower Upper

146 100

111 38.7 26.2 48.6

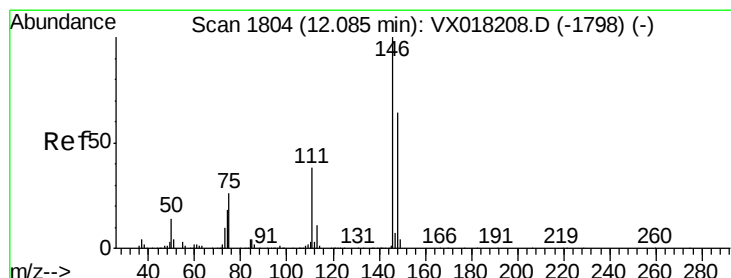
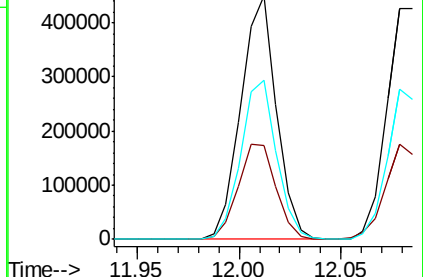
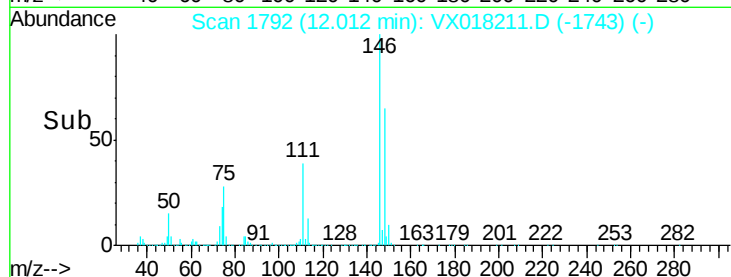
148 65.2 44.2 82.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 48.561 ug/L

RT: 12.09 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

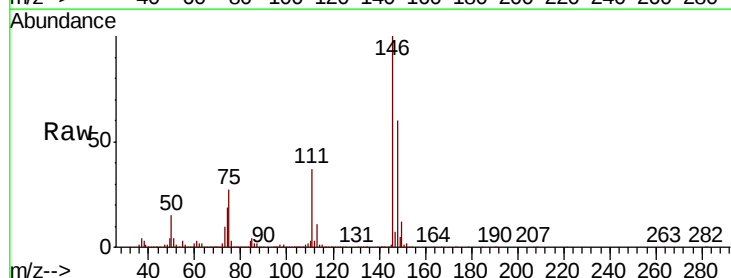
Tgt Ion:146 Resp: 553473

Ion Ratio Lower Upper

146 100

111 36.6 26.5 49.1

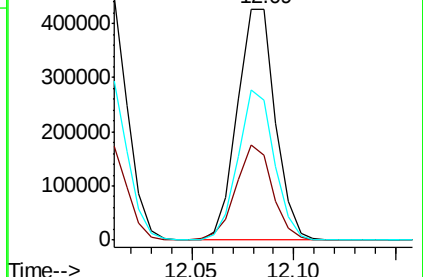
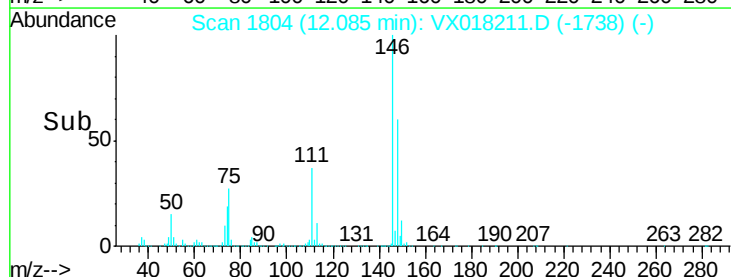
148 60.3 44.5 82.7

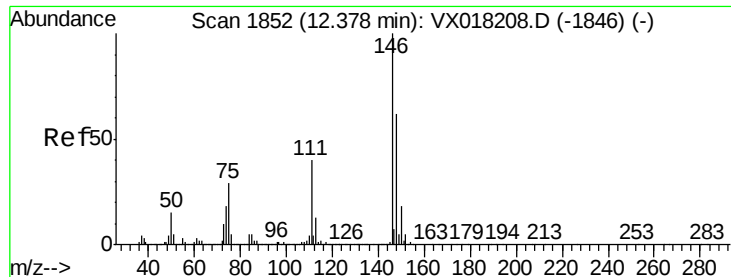


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 48.468 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

MSVOA_X

ClientSampled :

VICV36

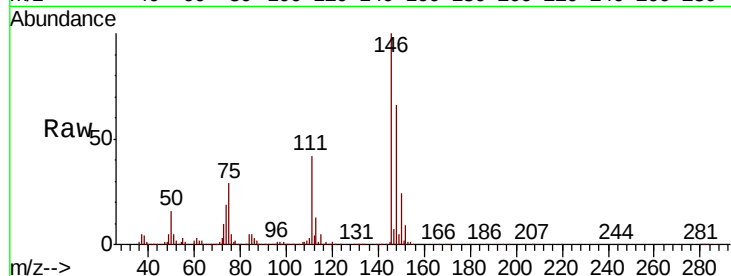
Tot Ion:146 Resp: 522745

Ion Ratio Lower Upper

146 100

111 42.4 32.4 48.6

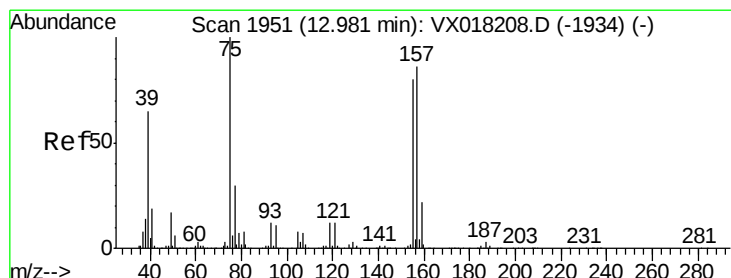
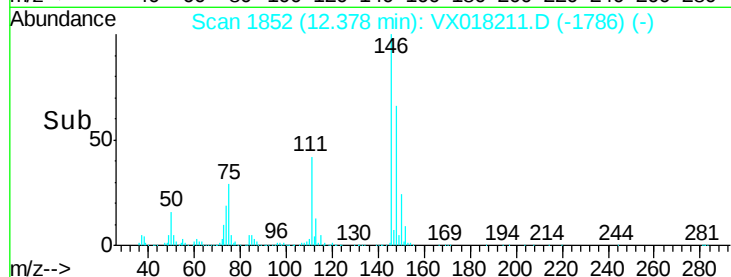
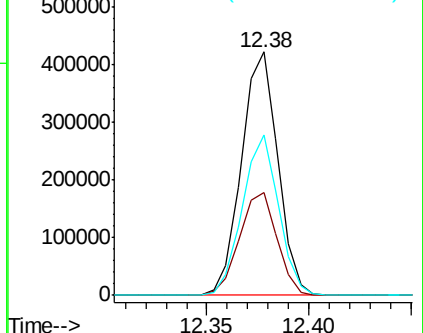
148 65.6 49.7 74.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 46.050 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

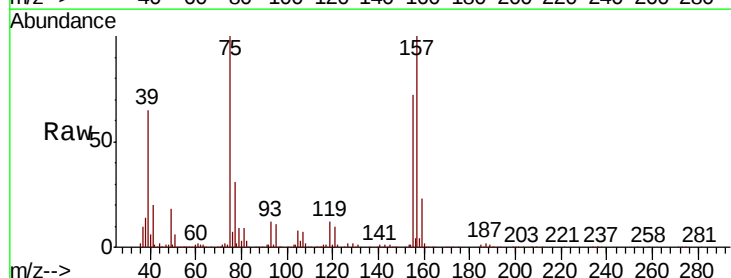
Tgt Ion: 75 Resp: 92892

Ion Ratio Lower Upper

75 100

155 71.9 63.8 95.8

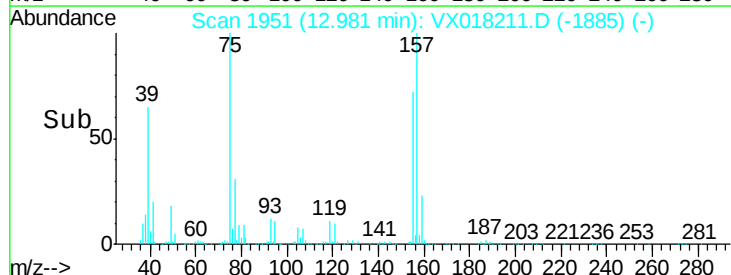
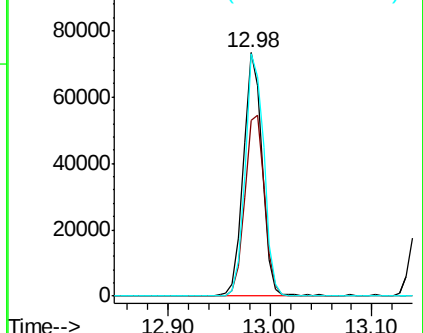
157 99.6 68.5 102.7

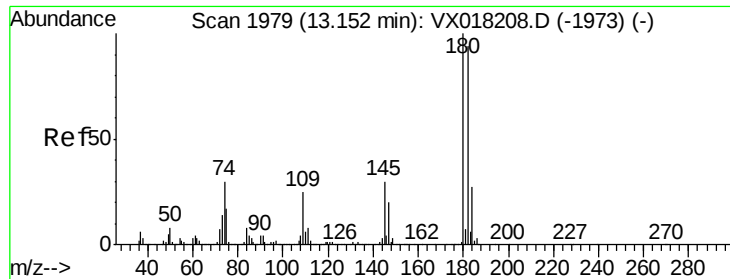


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

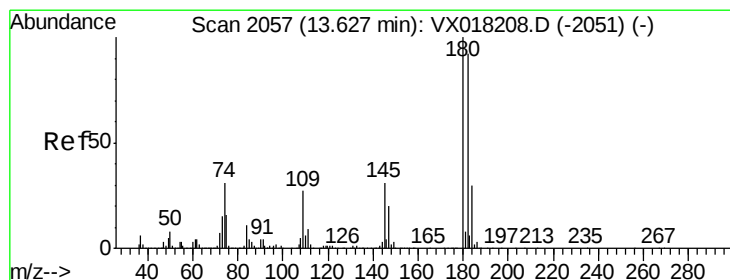
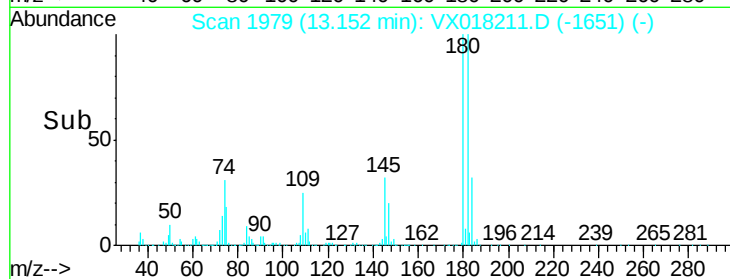
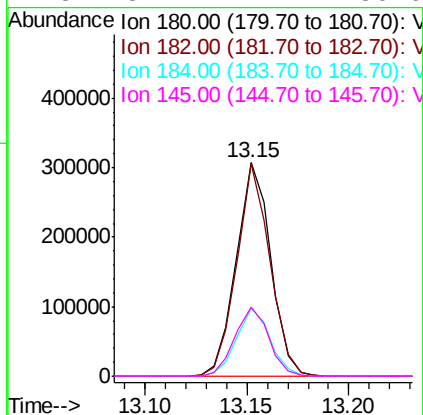
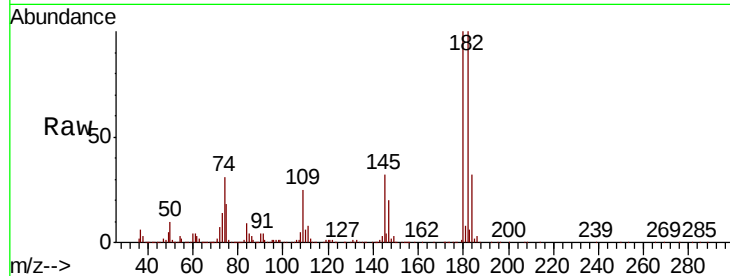




#67
 1,3,5-Trichlorobenzene
 Concen: 49.037 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX018211.D
 Acq: 02 Sep 2020 12:42

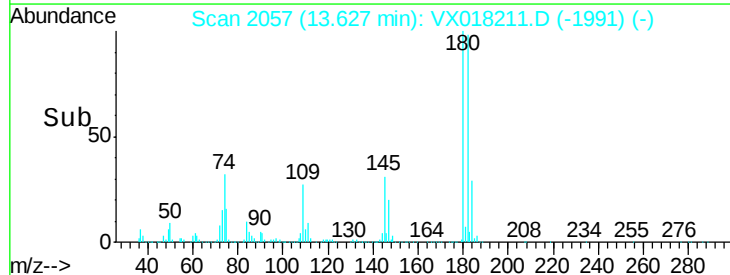
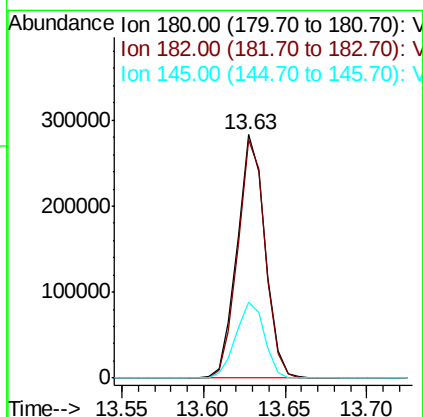
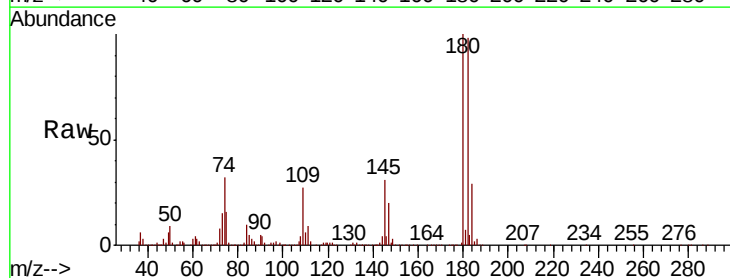
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV36

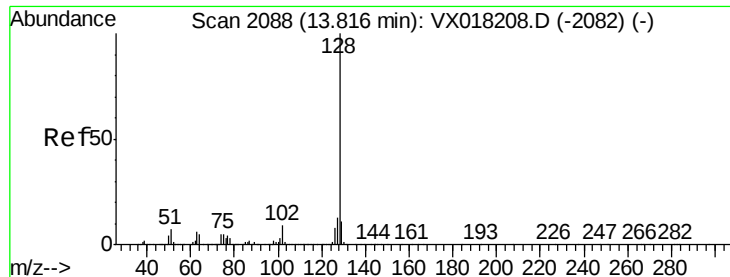
Tot Ion:180	Resp:	358240
Ion Ratio	Lower	Upper
180	100	
182	96.0	77.1 115.7
184	31.6	23.8 35.6
145	32.2	24.4 36.6



#68
 1,2,4-trichlorobenzene
 Concen: 50.004 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018211.D
 Acq: 02 Sep 2020 12:42

Tgt Ion:180	Resp:	337076
Ion Ratio	Lower	Upper
180	100	
182	96.7	74.1 111.1
145	31.9	25.0 37.4





#69

Naphthalene

Concen: 51.201 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Instrument :

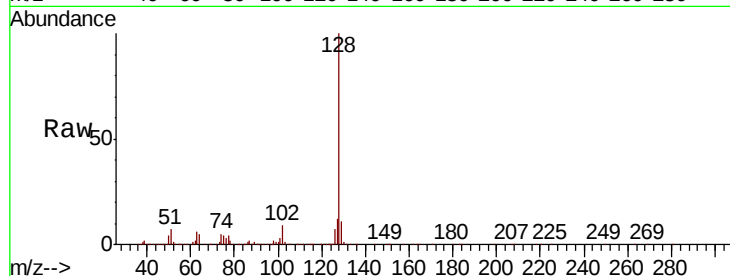
MSVOA_X

ClientSampleId :

VICV36

Tot Ion:128 Resp: 1091407

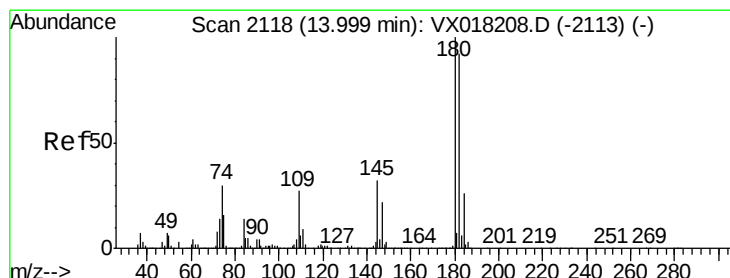
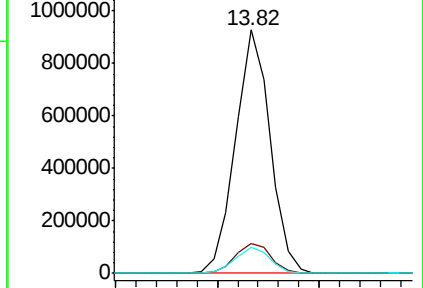
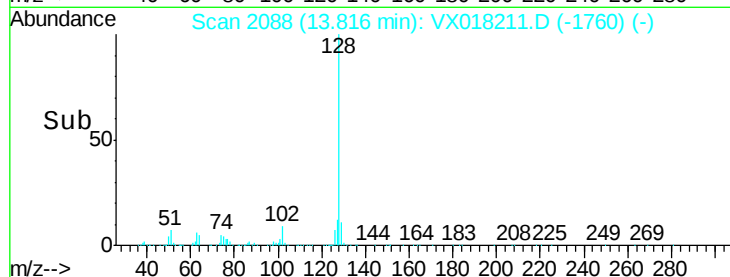
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	10.8	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 51.718 ug/L

RT: 14.01 min Scan# 2119

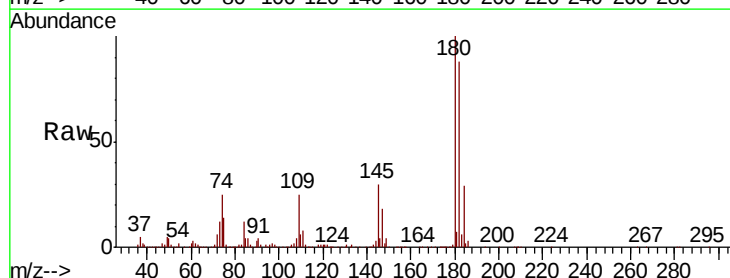
Delta R.T. 0.01 min

Lab File: VX018211.D

Acq: 02 Sep 2020 12:42

Tgt Ion:180 Resp: 348709

Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.0	115.4
145	32.4	27.2	40.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

