

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090220\
 Data File : VX018213.D
 Acq On : 02 Sep 2020 13:57
 Operator : JC/SP
 Sample : MDL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Quant Time: Sep 03 04:57:51 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	623303	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	600770	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	12.06	152	270116	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	240307	47.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.56%
7) Chloroethane-d5	1.70	69	182080	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.26%
11) 1,1-Dichloroethene-d2	2.34	63	369172	38.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.38%
21) 2-Butanone-d5	4.53	46	333504	95.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.79%
24) Chloroform-d	5.14	84	435746	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
26) 1,2-Dichloroethane-d4	6.03	65	328817	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
32) Benzene-d6	6.05	84	889023	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.62%
36) 1,2-Dichloropropane-d6	7.37	67	281162	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.22%
41) Toluene-d8	8.70	98	822391	47.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.99	79	150543	48.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.20%
47) 2-Hexanone-d5	9.43	63	238769	96.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.04%
57) 1,1,2,2-Tetrachloroethane-	11.23	84	351315	46.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.88%
64) 1,2-Dichlorobenzene-d4	12.36	152	310566	52.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	10278	1.938	ug/L	98
3) Chloromethane	1.31	50	10912	2.247	ug/L	91
6) Bromomethane	1.64	94	7987	2.891	ug/L	99
8) Chloroethane	1.72	64	6839	2.408	ug/L	97
9) Trichlorofluoromethane	1.92	101	17730	2.212	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	10668	2.448	ug/L	87
12) 1,1-Dichloroethene	2.36	96	10986	2.679	ug/L #	1
13) Acetone	2.42	43	10176	5.127	ug/L	83
14) Carbon disulfide	2.55	76	33412	2.573	ug/L	95
15) Methyl Acetate	2.75	43	11832	2.426	ug/L	94
16) Methylene chloride	2.84	84	14113	3.036	ug/L	86
17) trans-1,2-Dichloroethene	3.14	96	10181	2.315	ug/L	97
18) Methyl tert-butyl Ether	3.17	73	33402	2.432	ug/L	94
19) 1,1-Dichloroethane	3.67	63	19686	2.388	ug/L #	80
20) cis-1,2-Dichloroethene	4.56	96	11727	2.495	ug/L #	65
25) Chloroform	5.18	83	60773	6.446	ug/L	100
27) 1,2-Dichloroethane	6.16	62	18178	2.545	ug/L	97

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 Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

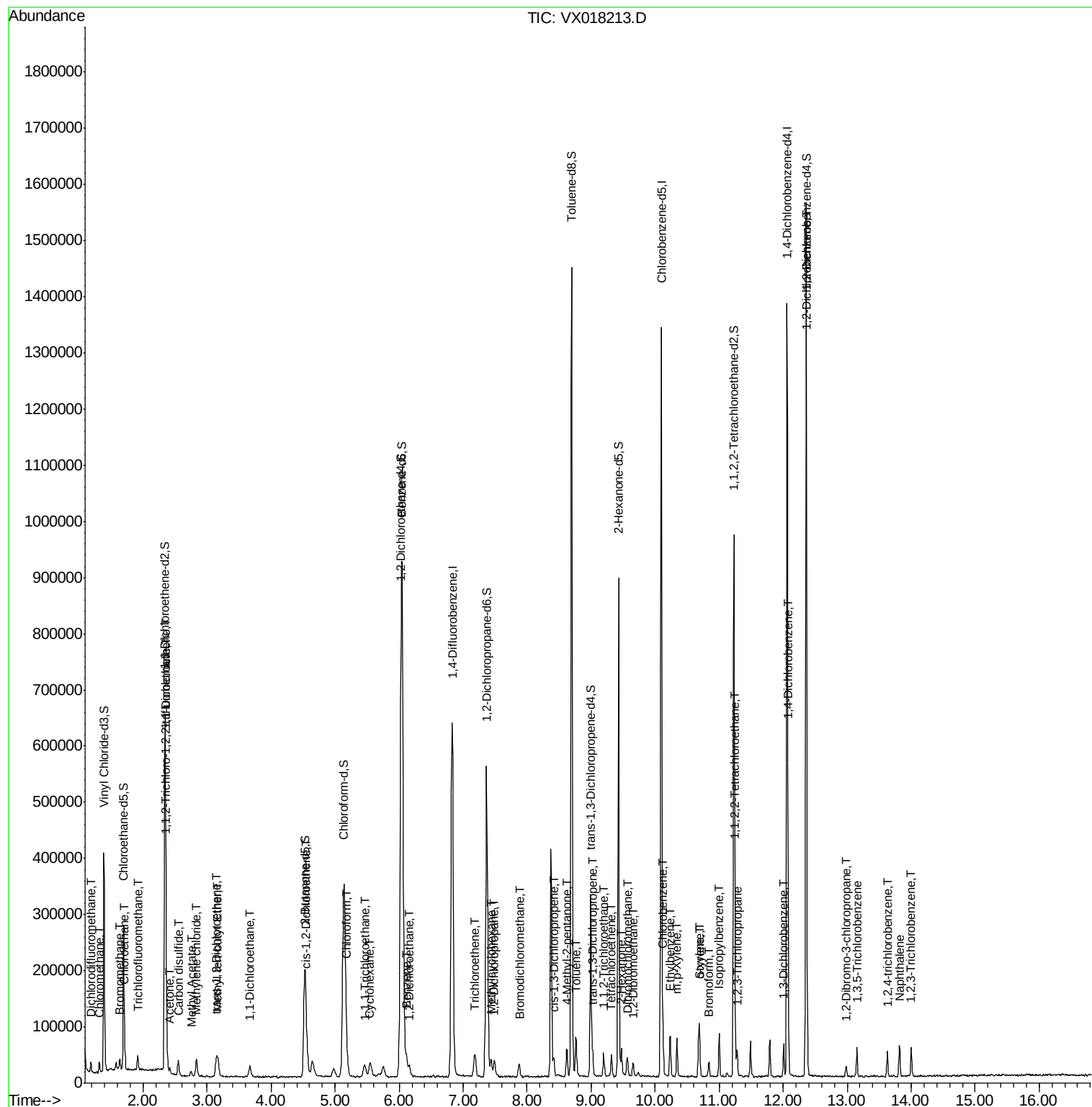
29) Cyclohexane	5.55	56	13422	2.030	ug/L #	93
30) 1,1,1-Trichloroethane	5.46	97	20068	2.432	ug/L #	67
33) Benzene	6.11	78	41013	2.360	ug/L	100
34) Trichloroethene	7.18	95	11259	2.308	ug/L	91
35) Methylcyclohexane	7.43	83	11435	1.686	ug/L	96
37) 1,2-Dichloropropane	7.49	63	10369	2.252	ug/L	97
38) Bromodichloromethane	7.88	83	16208	2.473	ug/L	82
39) cis-1,3-Dichloropropene	8.42	75	16985	2.366	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	29329	4.699	ug/L	99
42) Toluene	8.76	91	42420	2.274	ug/L	91
44) trans-1,3-Dichloropropene	9.02	75	25623	3.393	ug/L	86
45) 1,1,2-Trichloroethane	9.20	97	10975	2.375	ug/L #	87
46) Tetrachloroethene	9.32	164	7306	1.878	ug/L	82
48) 2-Hexanone	9.47	43	24342	4.825	ug/L	98
49) Dibromochloromethane	9.57	129	13288	2.346	ug/L	96
50) 1,2-Dibromoethane	9.65	107	11747	2.400	ug/L #	97
51) Chlorobenzene	10.12	112	28662	2.256	ug/L	91
52) Ethylbenzene	10.24	91	42616	2.049	ug/L	96
53) m,p-Xylene	10.34	106	14939	1.880	ug/L	92
54) o-xylene	10.68	106	15013	1.980	ug/L	88
55) Styrene	10.70	104	25083	1.915	ug/L	96
56) Isopropylbenzene	11.00	105	36576	1.803	ug/L	97
58) 1,1,2,2-Tetrachloroethane	11.25	83	17160	2.529	ug/L #	80
59) 1,2,3-Trichloropropane	11.28	75	14949	2.542	ug/L	99
61) Bromoform	10.84	173	9521	2.486	ug/L #	93
62) 1,3-Dichlorobenzene	12.01	146	18710	2.109	ug/L	99
63) 1,4-Dichlorobenzene	12.08	146	20571	2.278	ug/L	93
65) 1,2-Dichlorobenzene	12.37	146	21295	2.492	ug/L #	84
66) 1,2-Dibromo-3-chloropropan	12.99	75	3975	2.487	ug/L	91
67) 1,3,5-Trichlorobenzene	13.15	180	10365	1.790	ug/L	89
68) 1,2,4-trichlorobenzene	13.63	180	10171	1.904	ug/L	93
69) Naphthalene	13.82	128	33778	2.000	ug/L	97
70) 1,2,3-Trichlorobenzene	14.00	180	12704	2.378	ug/L	86

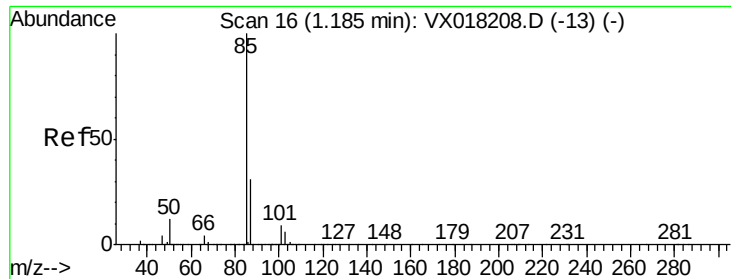
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#2

Dichlorodifluoromethane

Concen: 1.938 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

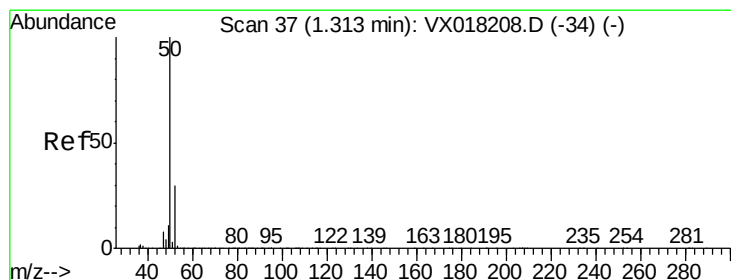
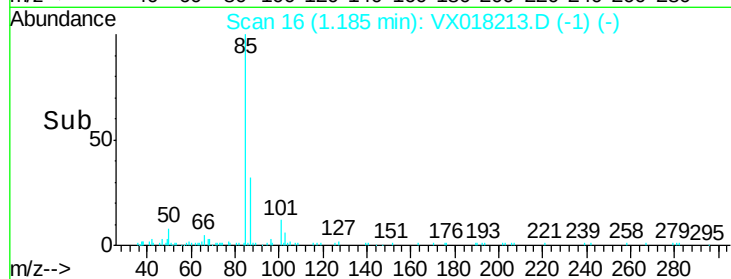
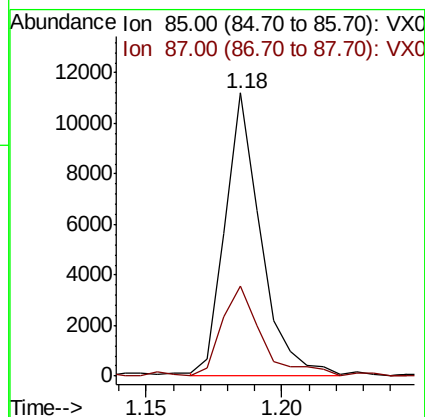
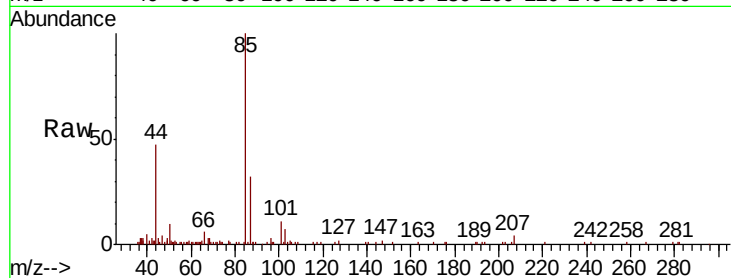
MDL01

Tot Ion: 85 Resp: 10278

Ion Ratio Lower Upper

85 100

87 32.6 25.2 37.8



#3

Chloromethane

Concen: 2.247 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018213.D

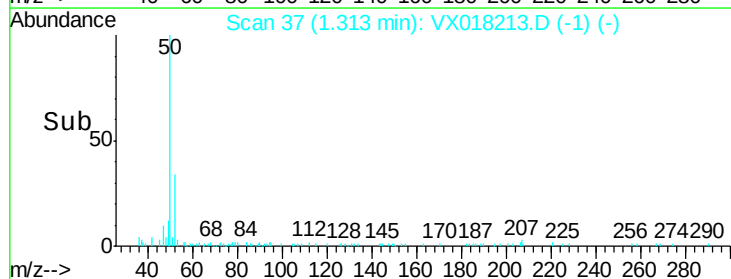
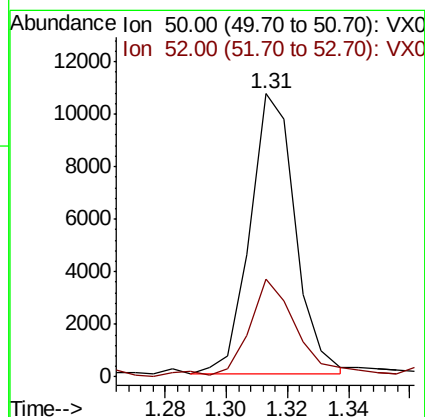
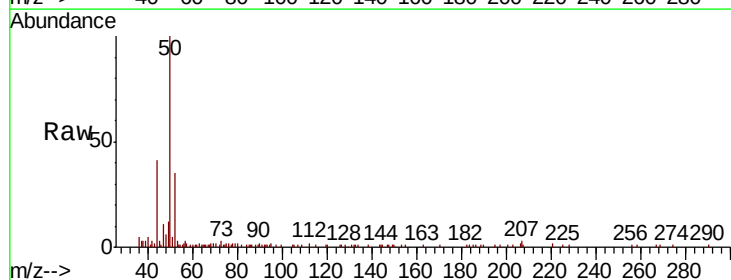
Acq: 02 Sep 2020 13:57

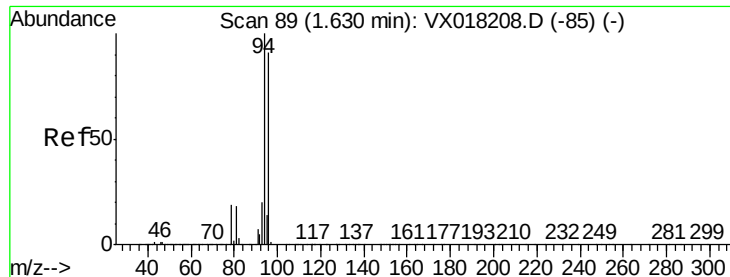
Tgt Ion: 50 Resp: 10912

Ion Ratio Lower Upper

50 100

52 34.8 21.0 39.0





#6

Bromomethane

Concen: 2.891 ug/L

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

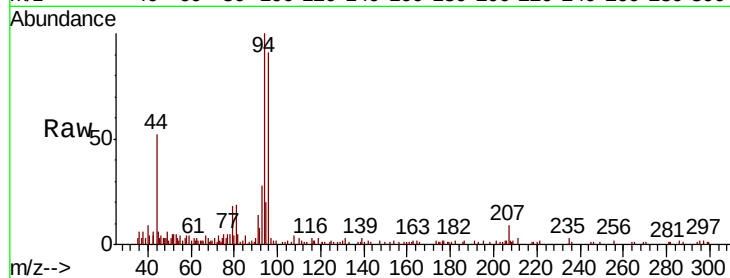
MDL01

Tot Ion: 94 Resp: 7987

Ion Ratio Lower Upper

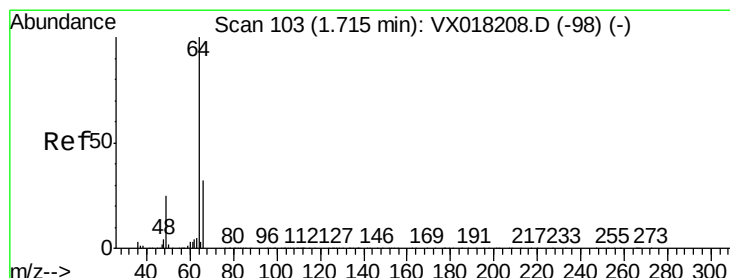
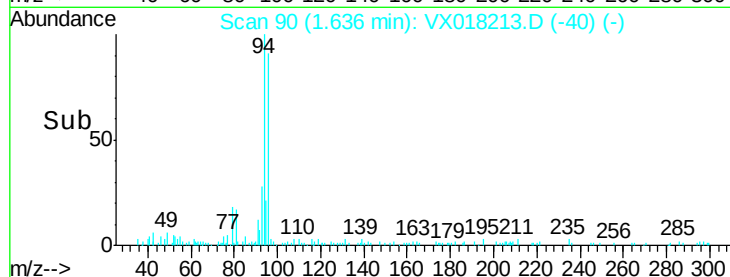
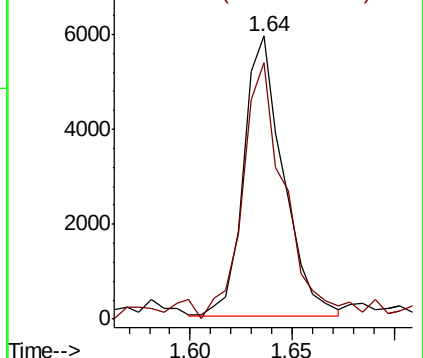
94 100

96 90.7 63.9 118.7



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#8

Chloroethane

Concen: 2.408 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018213.D

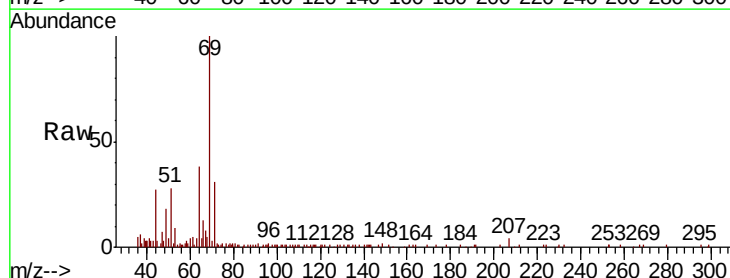
Acq: 02 Sep 2020 13:57

Tgt Ion: 64 Resp: 6839

Ion Ratio Lower Upper

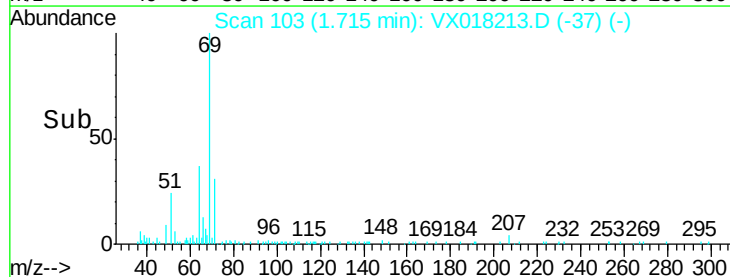
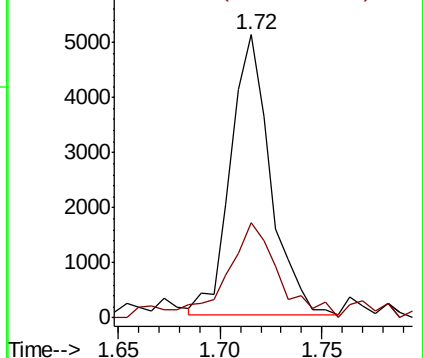
64 100

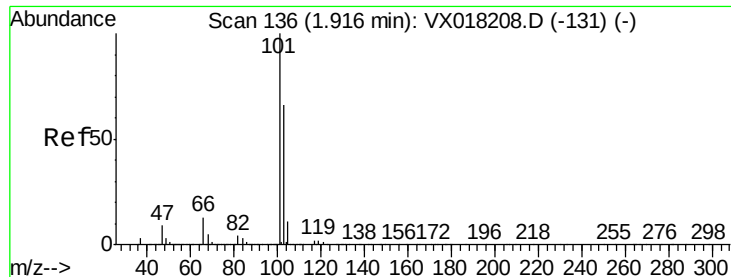
66 33.7 22.5 41.7



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



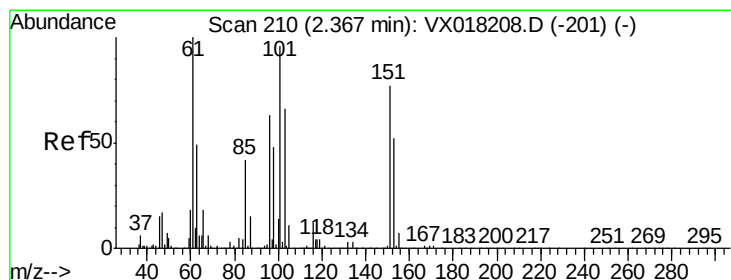
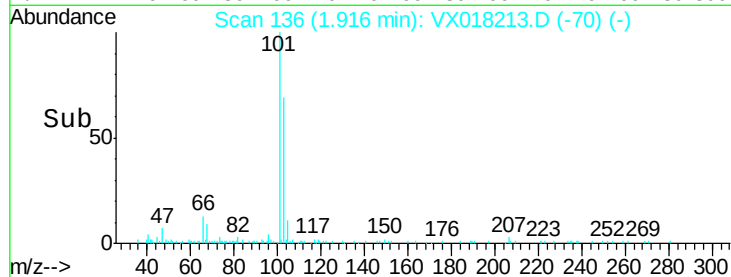
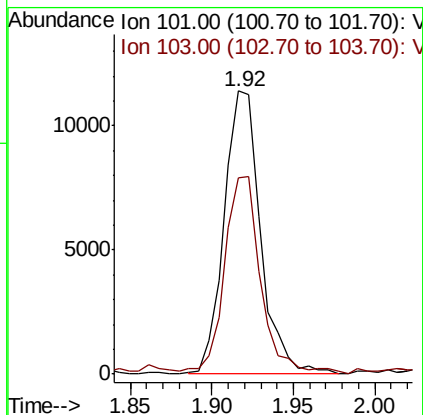
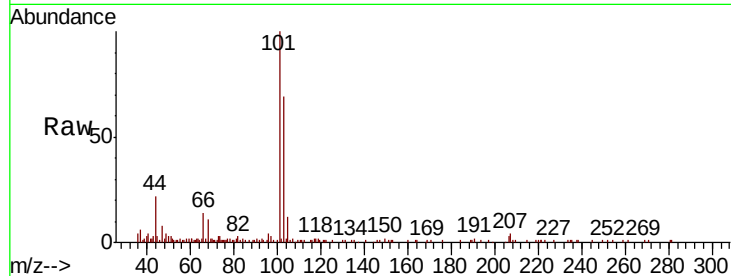


#9

Trichlorofluoromethane
Concen: 2.212 ug/L
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
MDL01

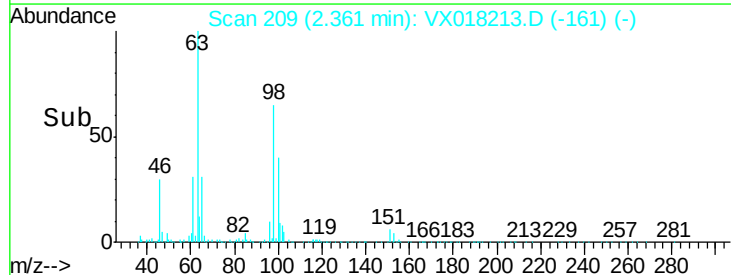
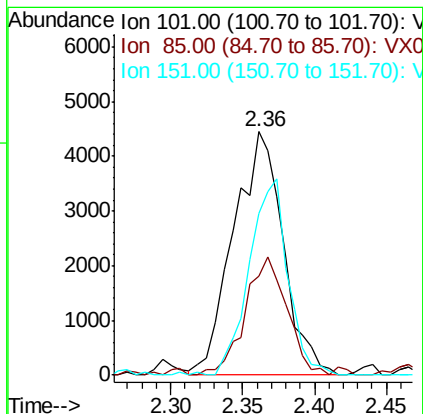
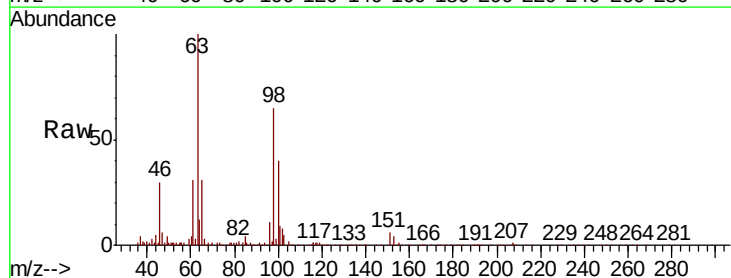
Tot Ion:101 Resp: 17730
Ion Ratio Lower Upper
101 100
103 68.6 51.4 77.2

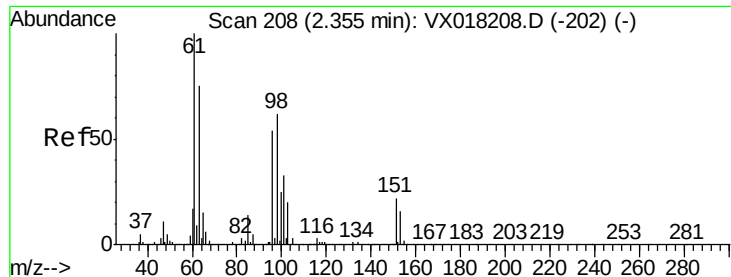


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.448 ug/L
RT: 2.36 min Scan# 209
Delta R.T. -0.01 min
Lab File: VX018213.D
Acq: 02 Sep 2020 13:57

Tgt Ion:101 Resp: 10668
Ion Ratio Lower Upper
101 100
85 40.8 35.8 53.6
151 62.3 61.6 92.4

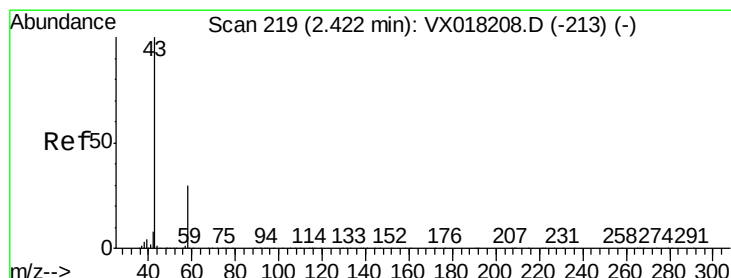
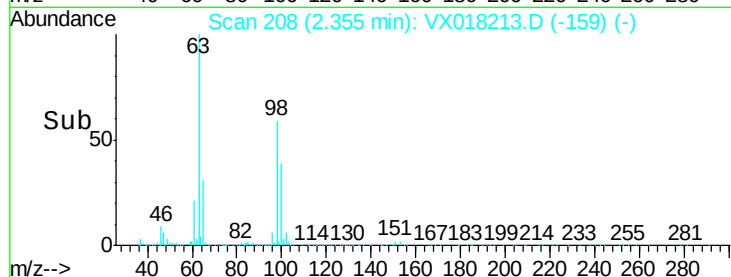
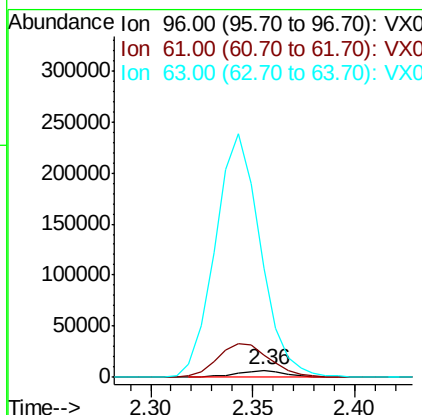
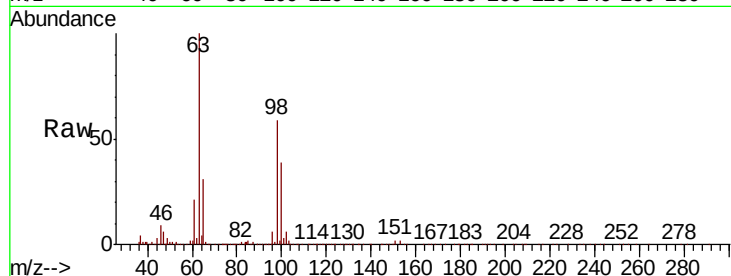




#12
 1,1-Dichloroethene
 Concen: 2.679 ug/L
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

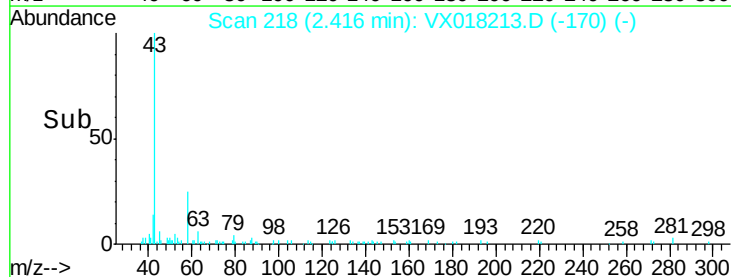
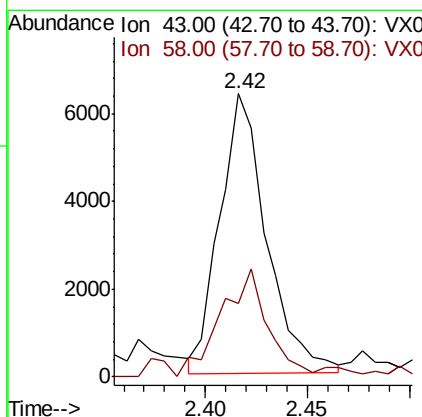
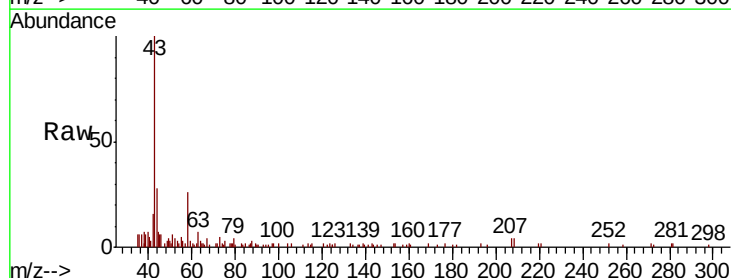
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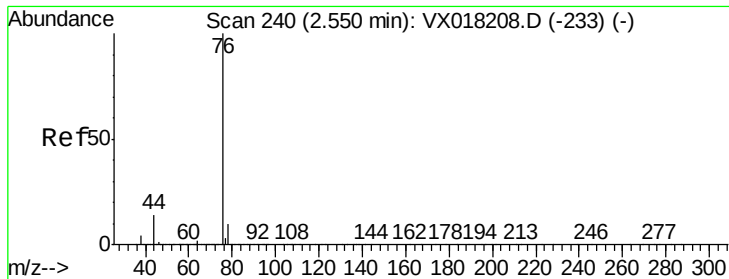
Tot Ion: 96 Resp: 10986
 Ion Ratio Lower Upper
 96 100
 61 325.3 130.5 242.5#
 63 1576.9 103.0 191.2#



#13
 Acetone
 Concen: 5.127 ug/L
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

Tgt Ion: 43 Resp: 10176
 Ion Ratio Lower Upper
 43 100
 58 38.7 0.0 59.2





#14

Carbon disulfide

Concen: 2.573 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

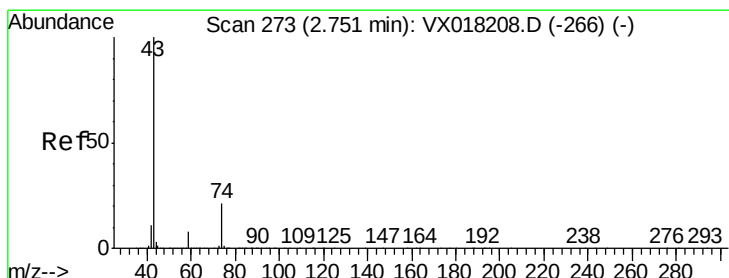
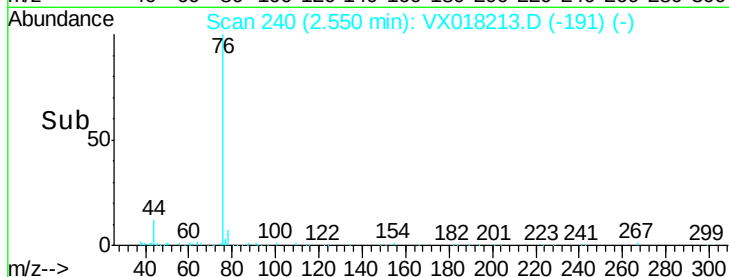
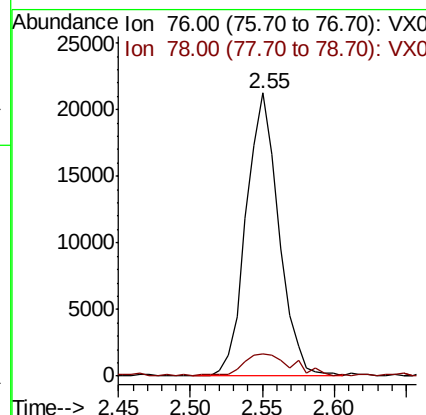
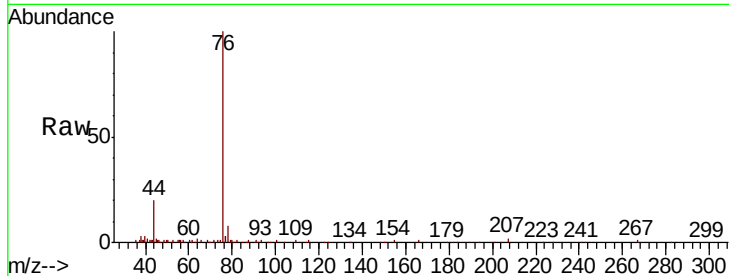
MDL01

Tot Ion: 76 Resp: 33412

Ion Ratio Lower Upper

76 100

78 7.7 7.7 11.5



#15

Methyl Acetate

Concen: 2.426 ug/L

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018213.D

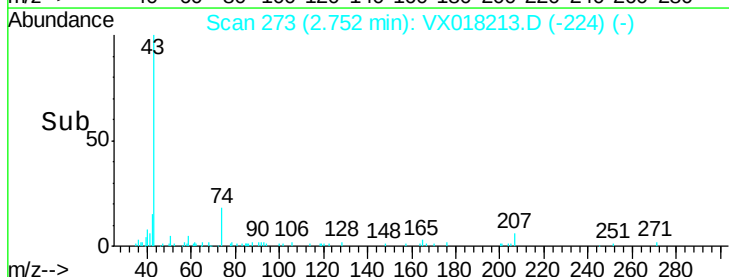
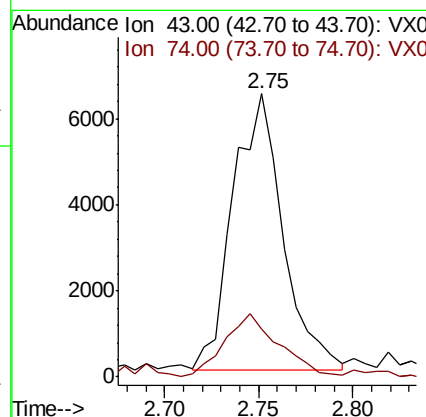
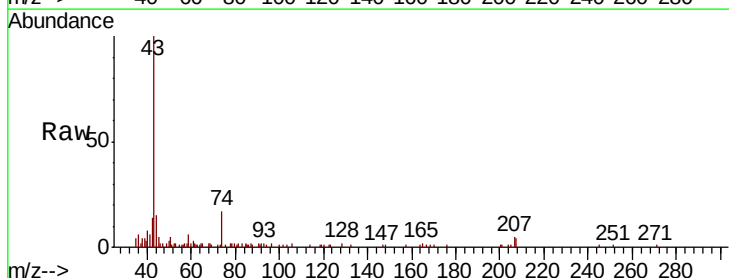
Acq: 02 Sep 2020 13:57

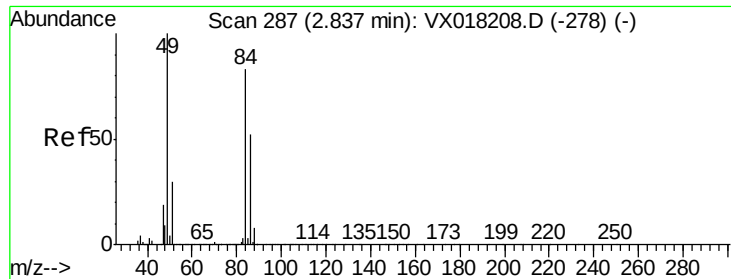
Tgt Ion: 43 Resp: 11832

Ion Ratio Lower Upper

43 100

74 25.0 17.8 26.8

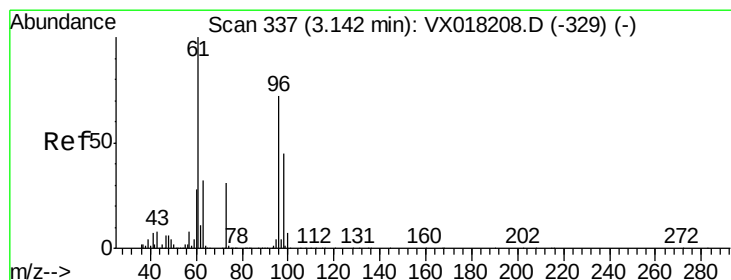
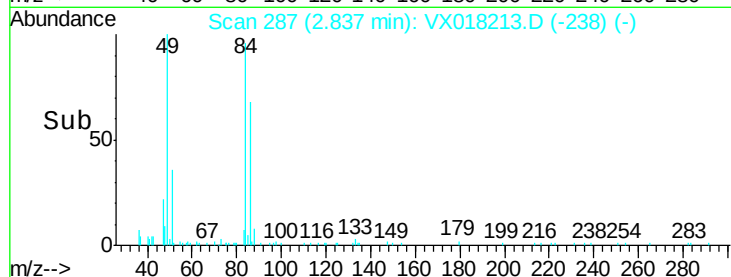
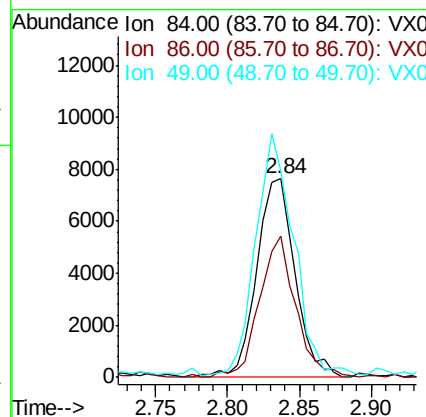
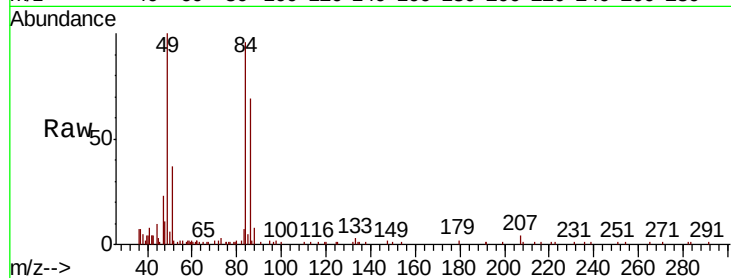




#16
Methylene chloride
Concen: 3.036 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 13:57

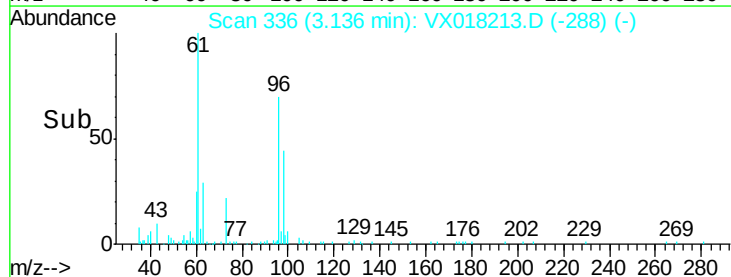
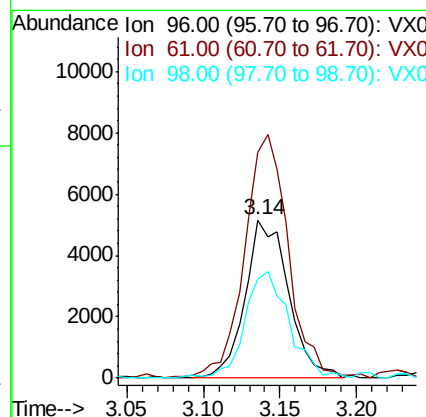
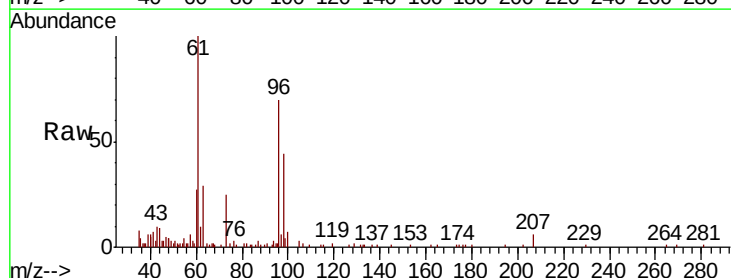
Instrument :
MSVOA_X
ClientSampleId :
MDL01

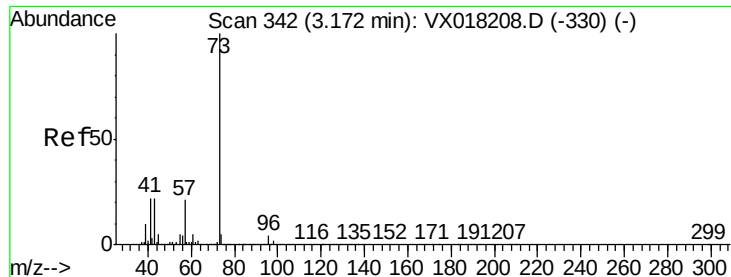
Tot Ion: 84 Resp: 14113
Ion Ratio Lower Upper
84 100
86 71.5 43.6 81.0
49 104.2 84.5 156.9



#17
trans-1,2-Dichloroethene
Concen: 2.315 ug/L
RT: 3.14 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX018213.D
Acq: 02 Sep 2020 13:57

Tgt Ion: 96 Resp: 10181
Ion Ratio Lower Upper
96 100
61 143.0 97.1 180.3
98 62.5 43.9 81.5

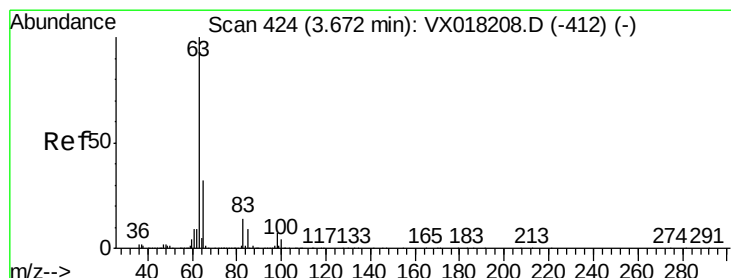
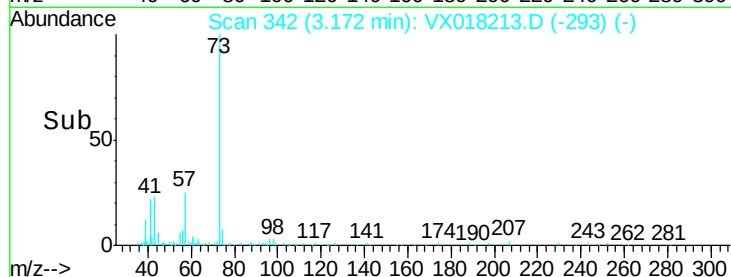
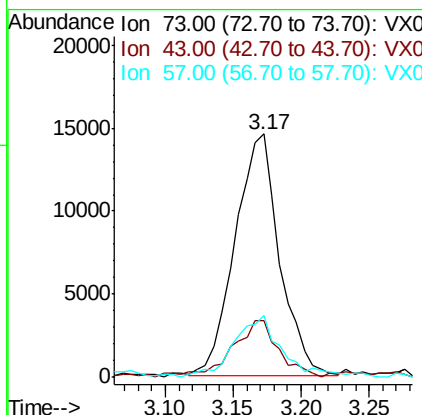
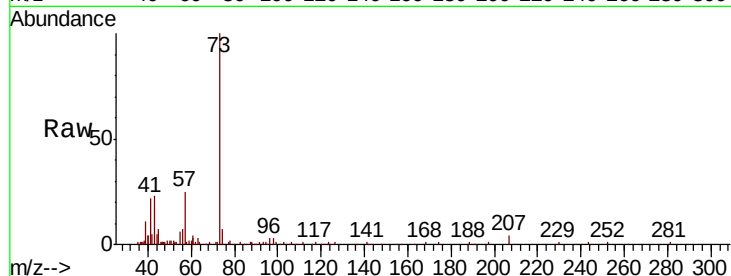




#18
Methyl tert-butyl Ether
Concen: 2.432 ug/L
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 13:57

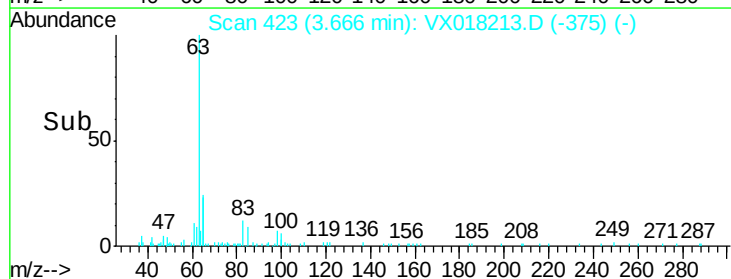
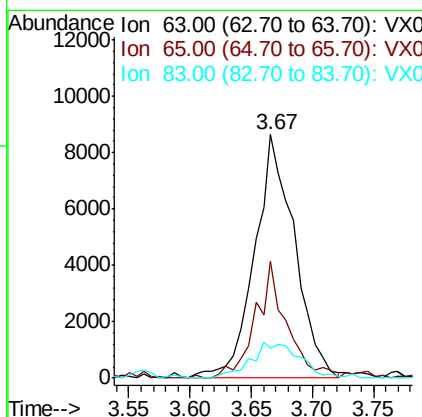
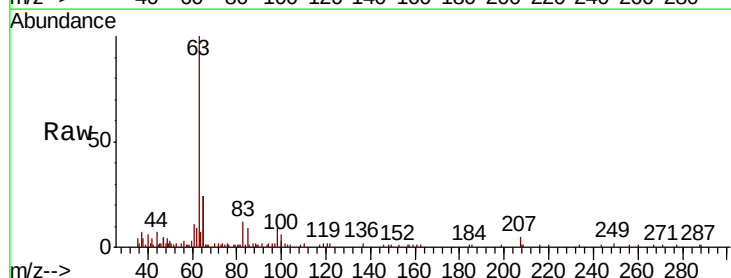
Instrument :
MSVOA_X
ClientSampleId :
MDL01

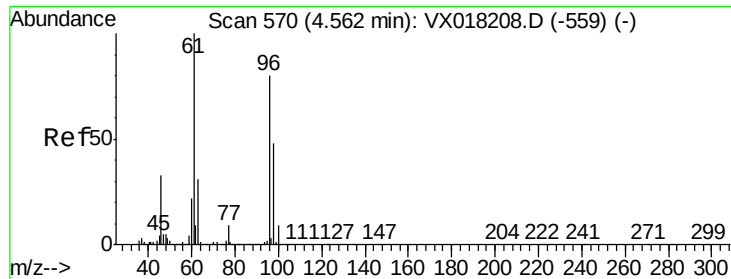
Tot Ion:	73	Resp:	33402
Ion	Ratio	Lower	Upper
73	100		
43	23.5	17.4	26.2
57	25.3	17.1	25.7



#19
1,1-Dichloroethane
Concen: 2.388 ug/L
RT: 3.67 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX018213.D
Acq: 02 Sep 2020 13:57

Tgt Ion:	63	Resp:	19686
Ion	Ratio	Lower	Upper
63	100		
65	47.8	22.7	42.3#
83	12.5	9.7	18.1

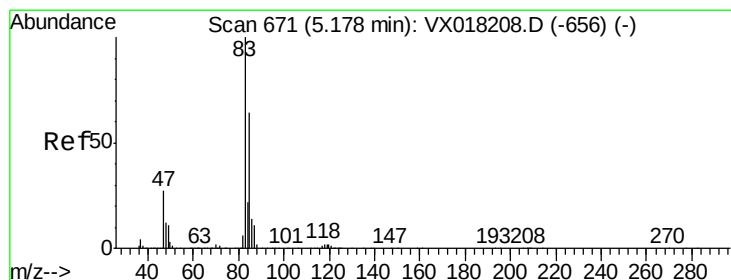
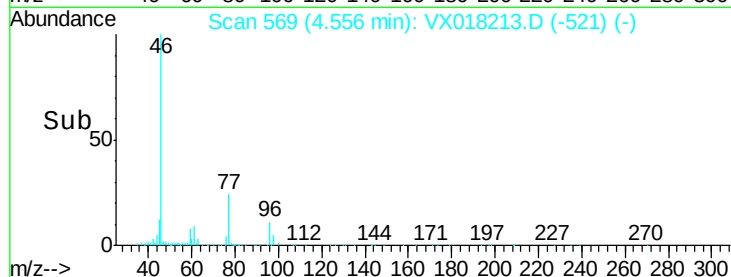
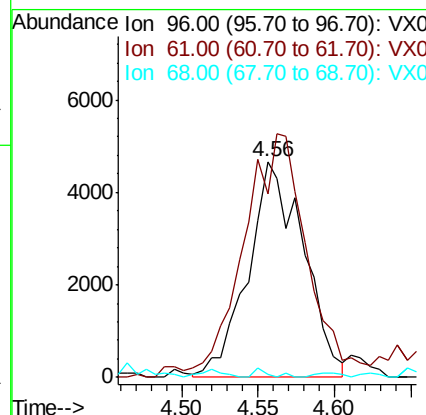
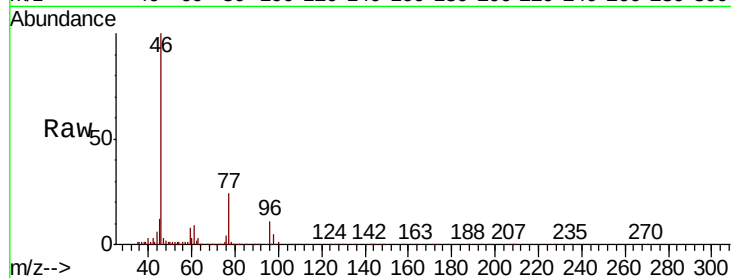




#20
 cis-1,2-Dichloroethene
 Concen: 2.495 ug/L
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

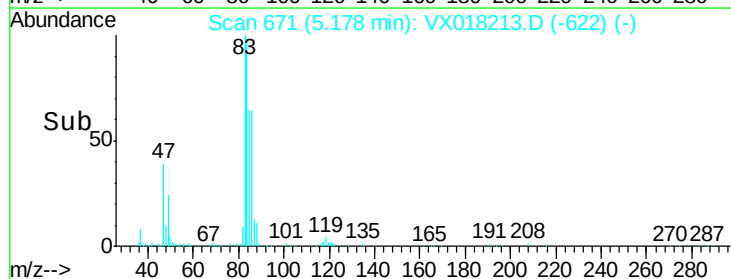
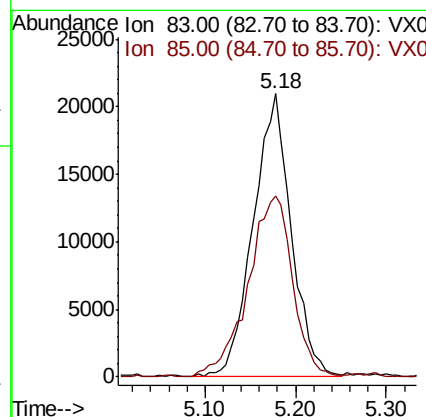
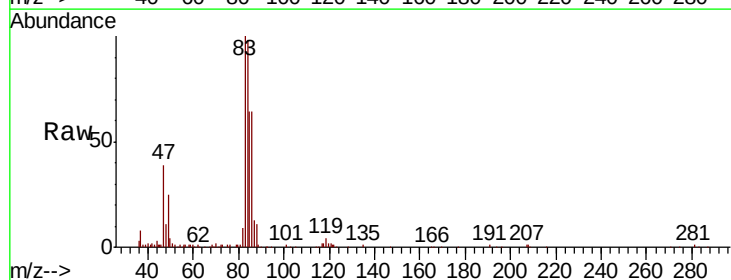
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

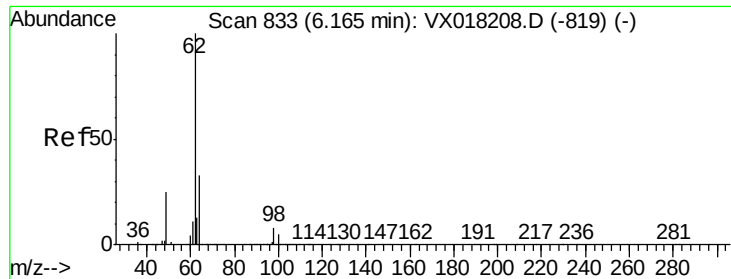
Tot Ion: 96 Resp: 11727
 Ion Ratio Lower Upper
 96 100
 61 85.2 88.0 163.4#
 68 1.1 0.1 0.1#



#25
 Chloroform
 Concen: 6.446 ug/L
 RT: 5.18 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

Tgt Ion: 83 Resp: 60773
 Ion Ratio Lower Upper
 83 100
 85 64.1 44.7 83.1

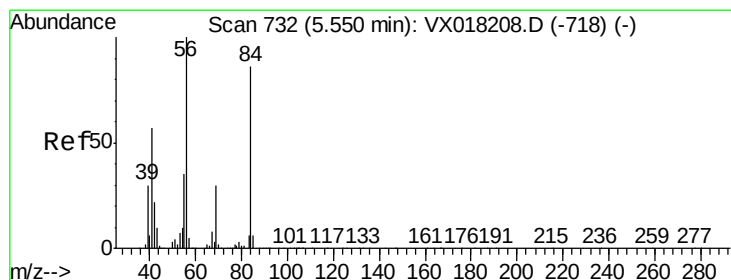
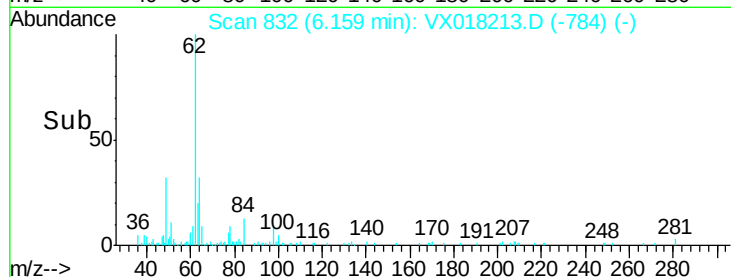
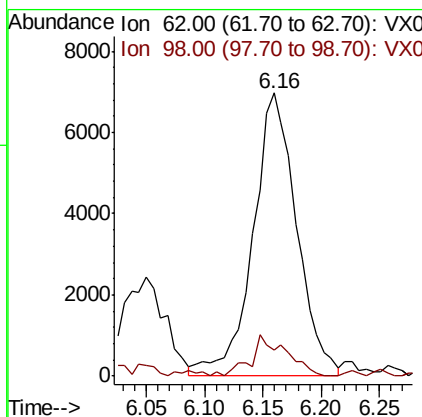
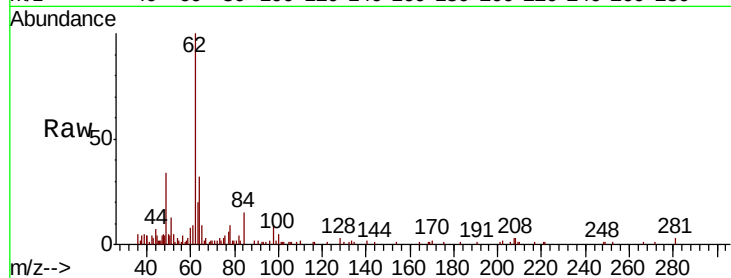




#27
 1,2-Dichloroethane
 Concen: 2.545 ug/L
 RT: 6.16 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

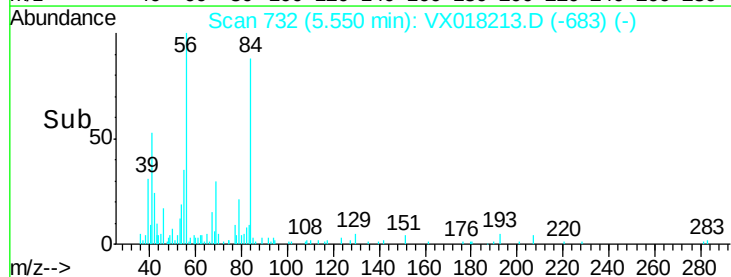
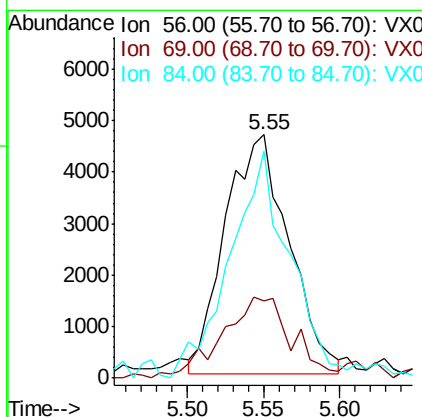
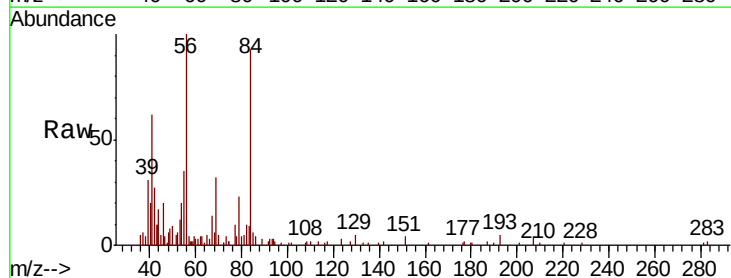
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

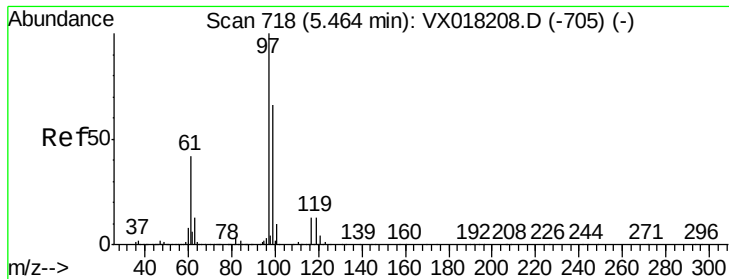
Tot Ion: 62 Resp: 18178
 Ion Ratio Lower Upper
 62 100
 98 9.4 6.6 9.8



#29
 Cyclohexane
 Concen: 2.030 ug/L
 RT: 5.55 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

Tgt Ion: 56 Resp: 13422
 Ion Ratio Lower Upper
 56 100
 69 18.8 25.4 38.2#
 84 88.7 69.8 104.8





#30

1,1,1-Trichloroethane

Concen: 2.432 ug/L

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL01

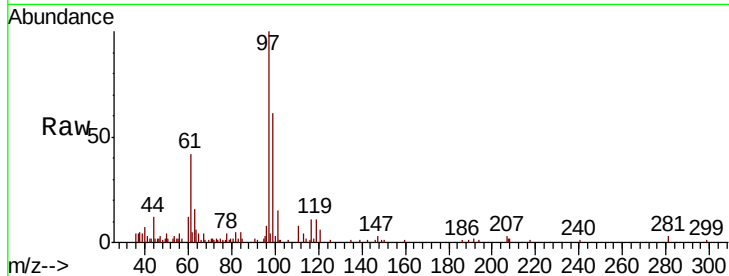
Tot Ion: 97 Resp: 20068

Ion Ratio Lower Upper

97 100

99 27.6 51.7 77.5#

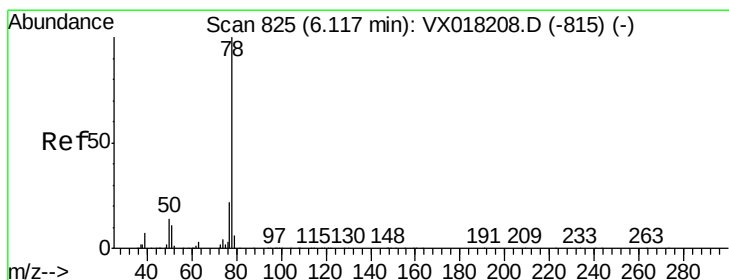
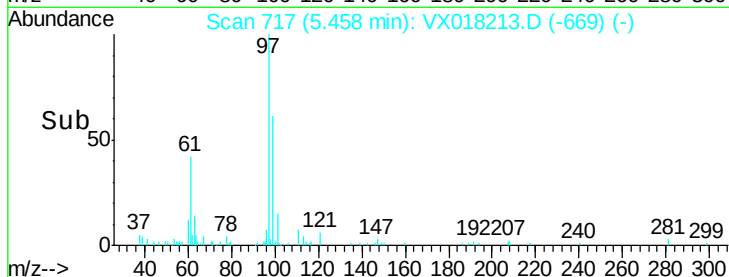
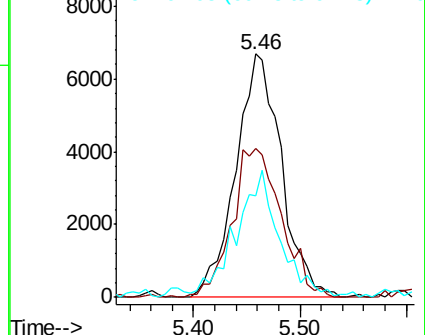
61 49.7 33.8 50.6



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.05 (60.75 to 61.75): VX0



#33

Benzene

Concen: 2.360 ug/L

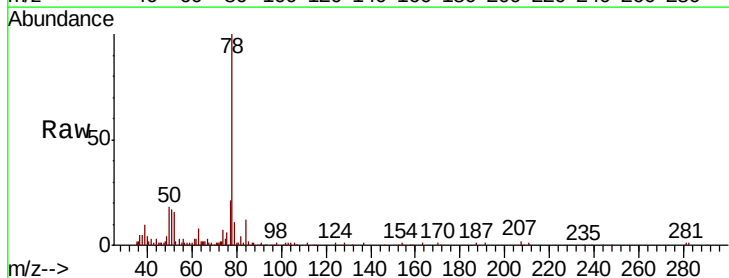
RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

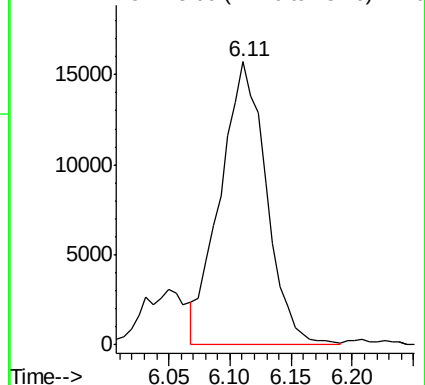
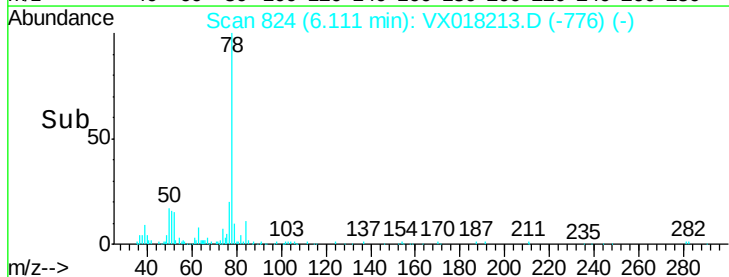
Lab File: VX018213.D

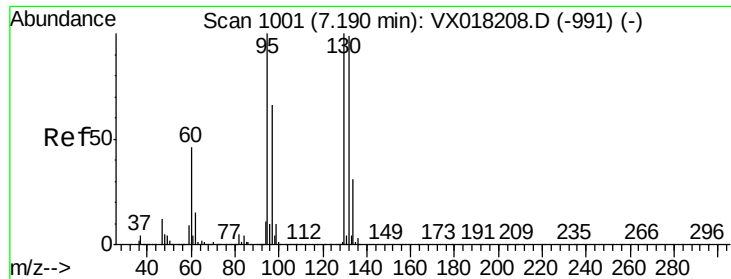
Acq: 02 Sep 2020 13:57

Tgt Ion: 78 Resp: 41013



Abundance Ion 78.00 (77.70 to 78.70): VX0

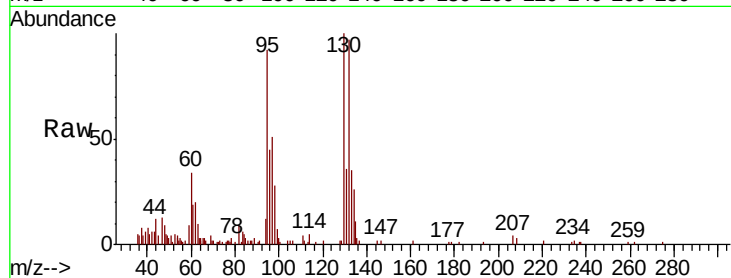




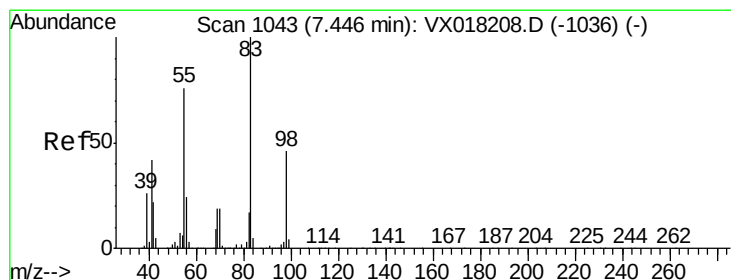
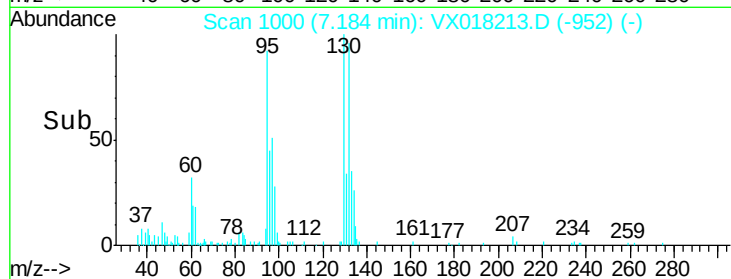
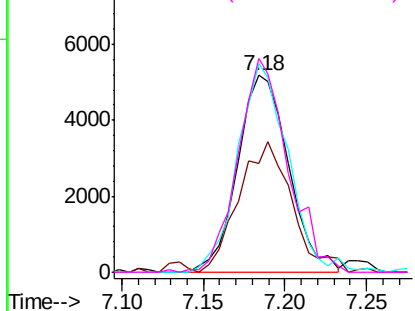
#34
 Trichloroethene
 Concen: 2.308 ug/L
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tot Ion: 95 Resp: 11259
 Ion Ratio Lower Upper
 95 100
 97 55.6 46.2 85.8
 132 105.8 69.2 128.4
 130 108.5 70.1 130.3

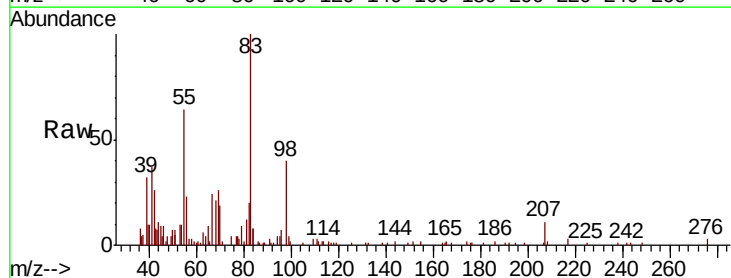


Abundance Ion 95.00 (94.70 to 95.70): VX0
 Ion 97.00 (96.70 to 97.70): VX0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

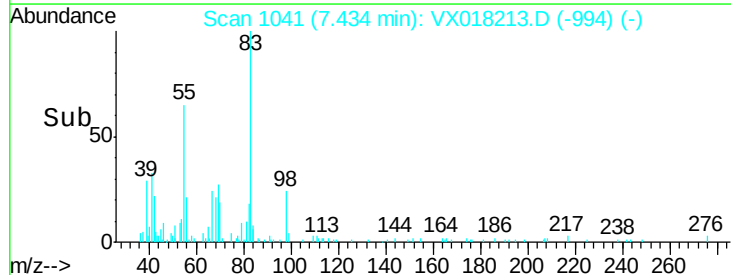
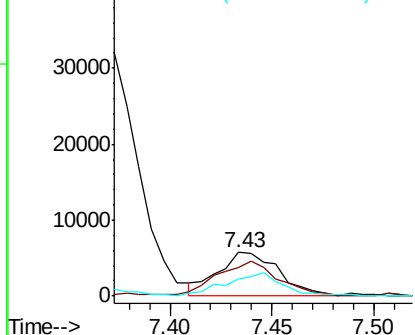


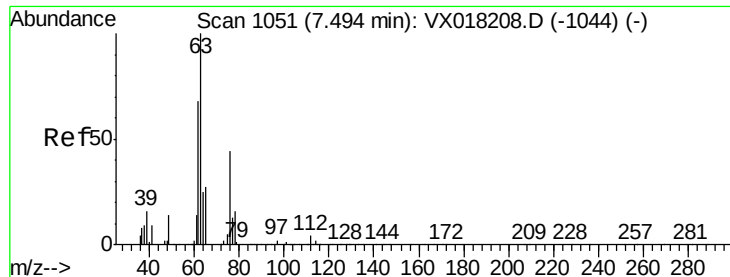
#35
 Methylcyclohexane
 Concen: 1.686 ug/L
 RT: 7.43 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

Tgt Ion: 83 Resp: 11435
 Ion Ratio Lower Upper
 83 100
 55 81.0 62.6 94.0
 98 50.7 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: 2.252 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

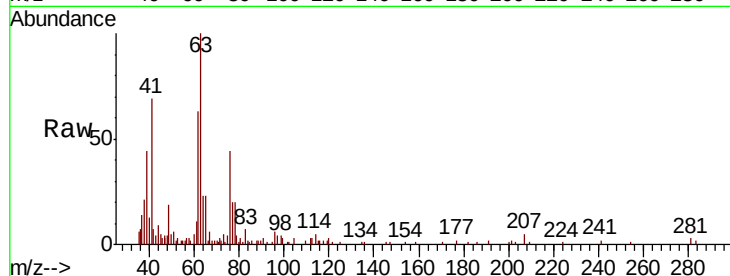
MDL01

Tot Ion: 63 Resp: 10369

Ion Ratio Lower Upper

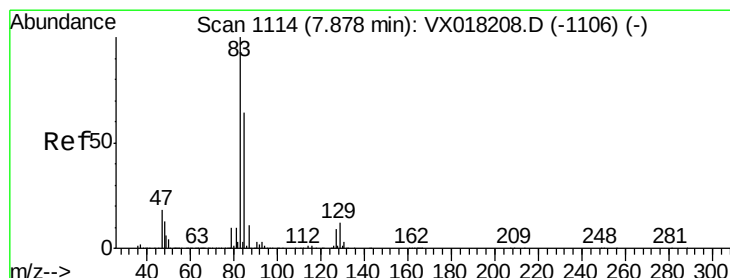
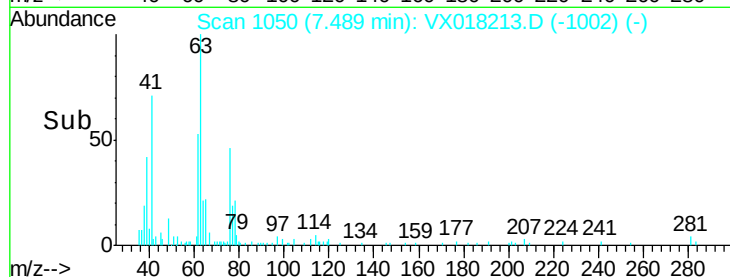
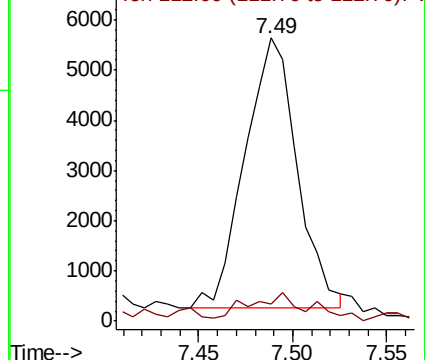
63 100

112 3.7 3.6 5.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 112.00 (111.70 to 112.70): V



#38

Bromodichloromethane

Concen: 2.473 ug/L

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

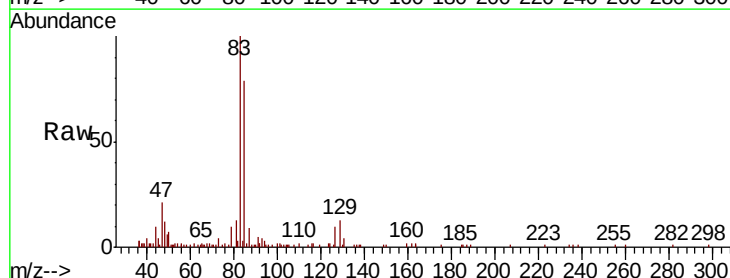
Tgt Ion: 83 Resp: 16208

Ion Ratio Lower Upper

83 100

85 79.4 44.5 82.7

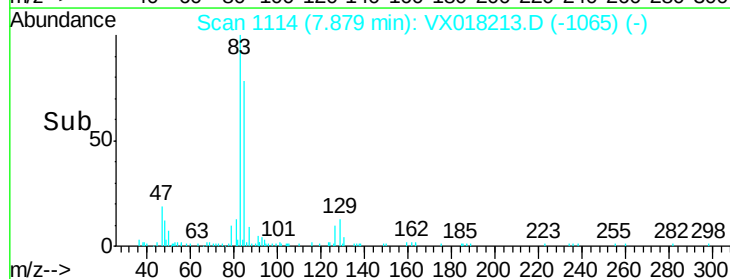
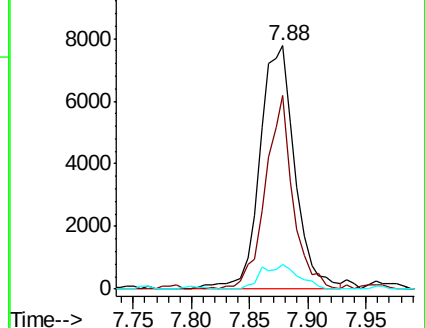
127 10.2 7.4 11.2

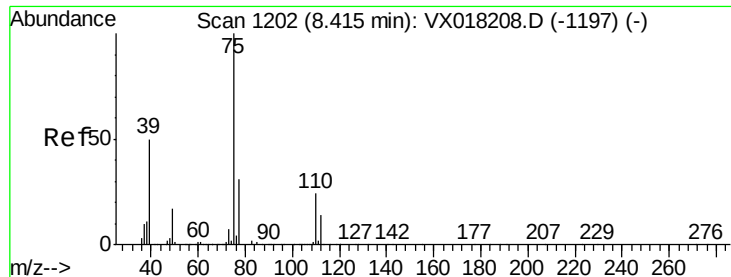


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V





#39

cis-1,3-Dichloropropene

Concen: 2.366 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

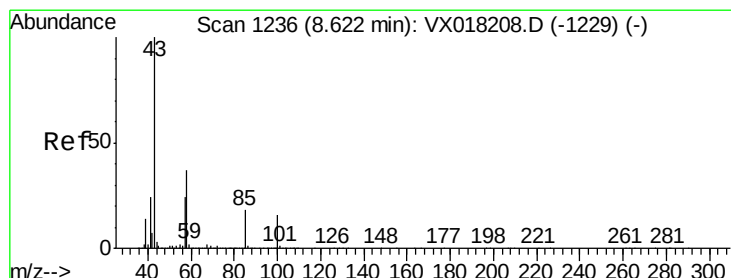
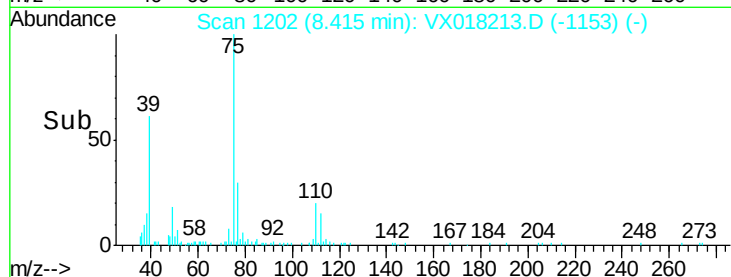
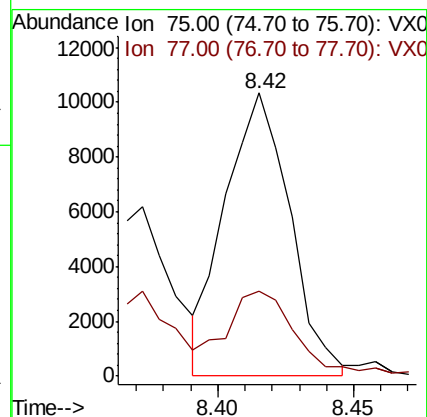
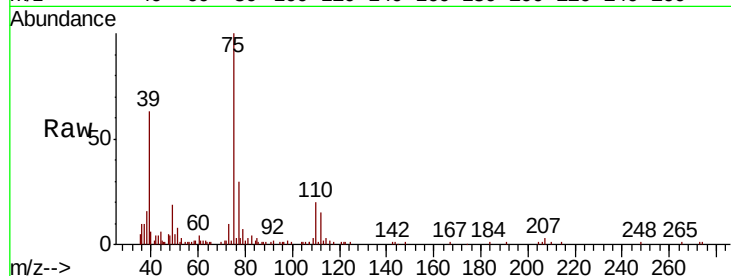
MDL01

Tot Ion: 75 Resp: 16985

Ion Ratio Lower Upper

75 100

77 30.0 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 4.699 ug/L

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

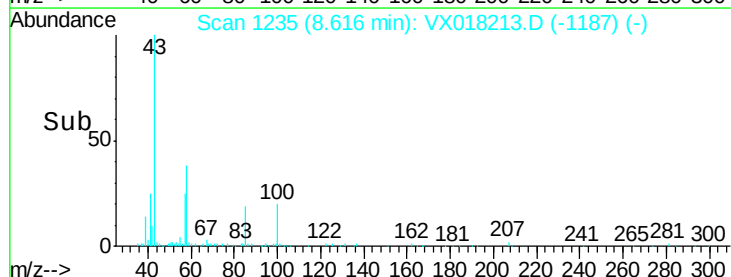
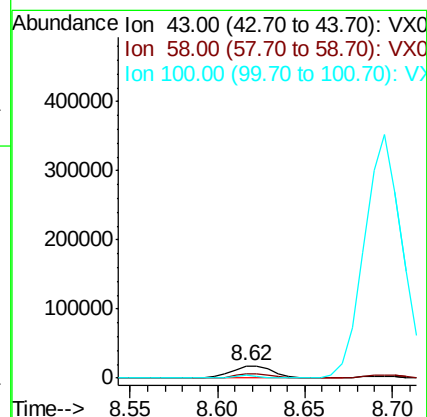
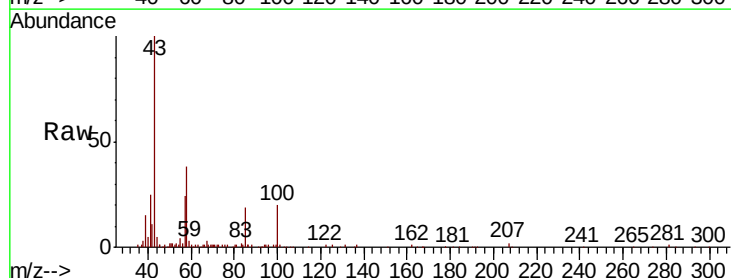
Tgt Ion: 43 Resp: 29329

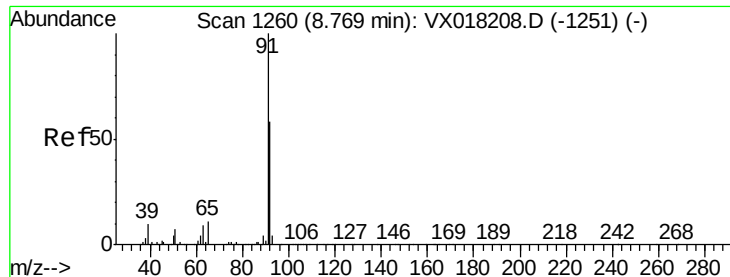
Ion Ratio Lower Upper

43 100

58 37.2 30.3 45.5

100 15.7 11.9 17.9





#42

Toluene

Concen: 2.274 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

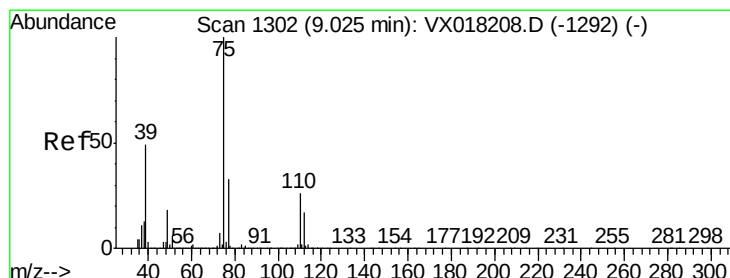
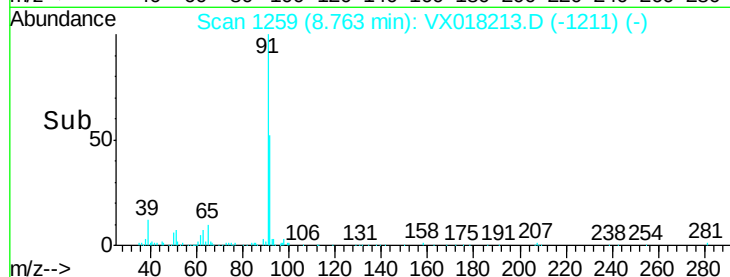
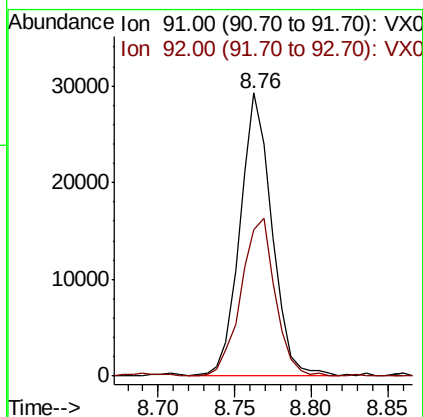
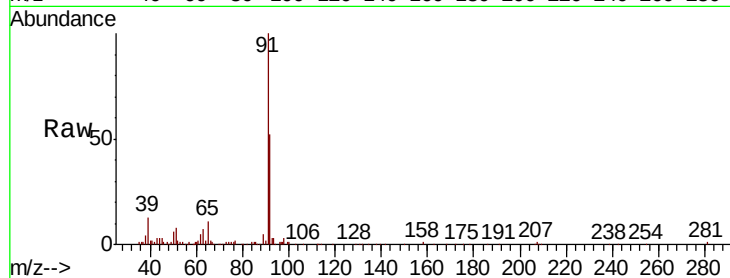
MDL01

Tot Ion: 91 Resp: 42420

Ion Ratio Lower Upper

91 100

92 51.9 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 3.393 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018213.D

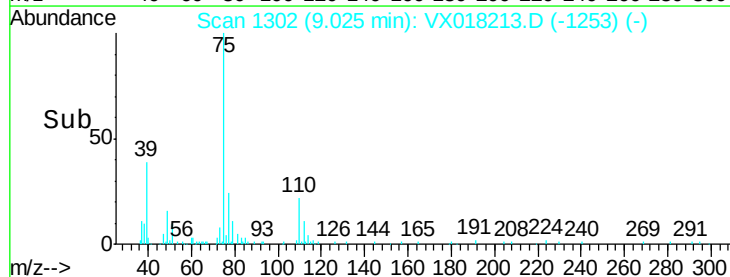
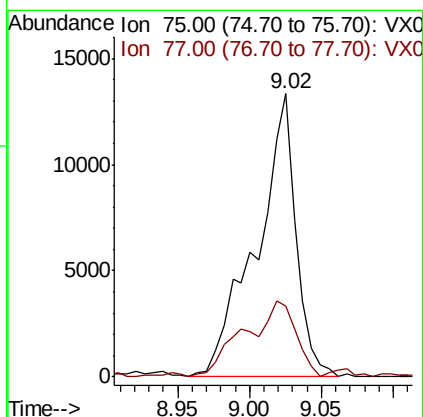
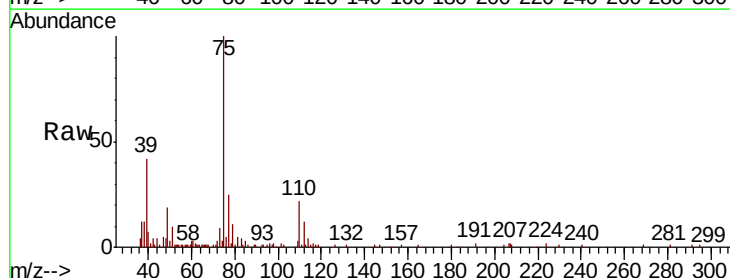
Acq: 02 Sep 2020 13:57

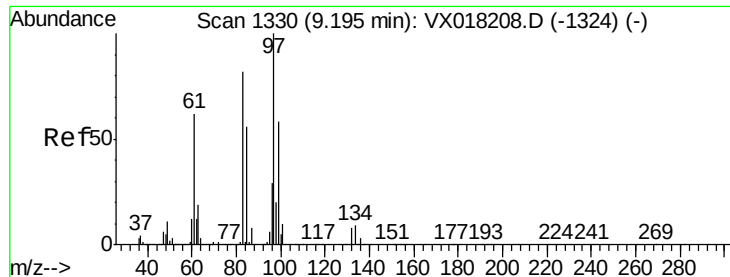
Tgt Ion: 75 Resp: 25623

Ion Ratio Lower Upper

75 100

77 25.1 23.2 43.0

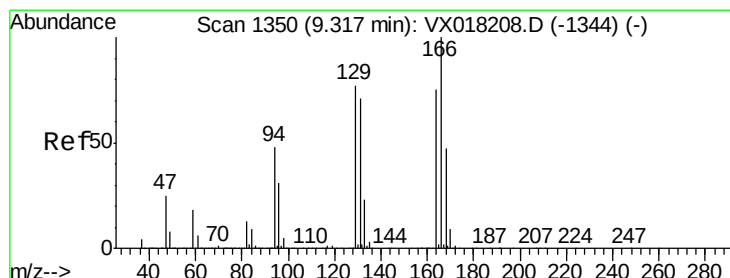
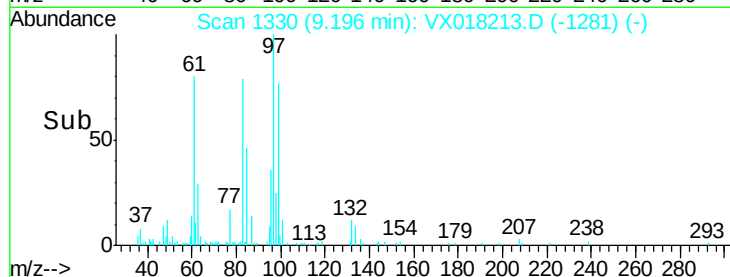
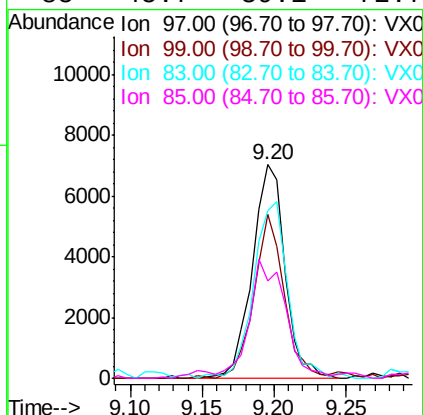
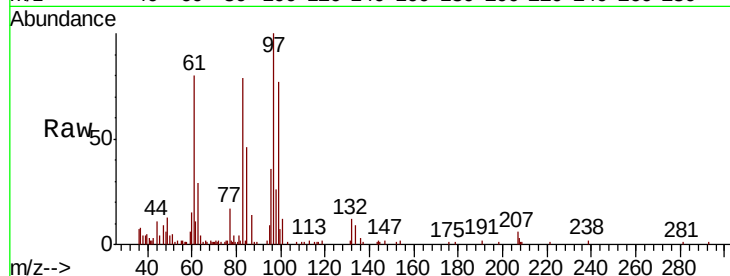




#45
 1,1,2-Trichloroethane
 Concen: 2.375 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

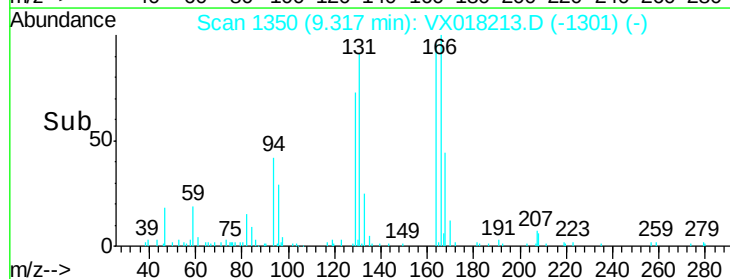
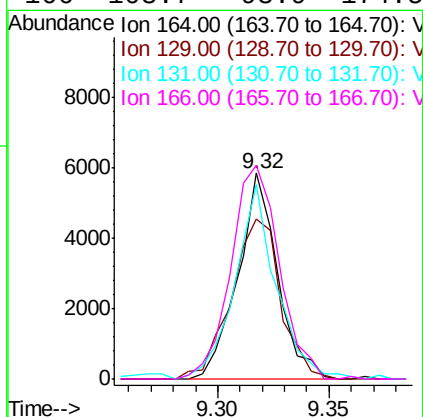
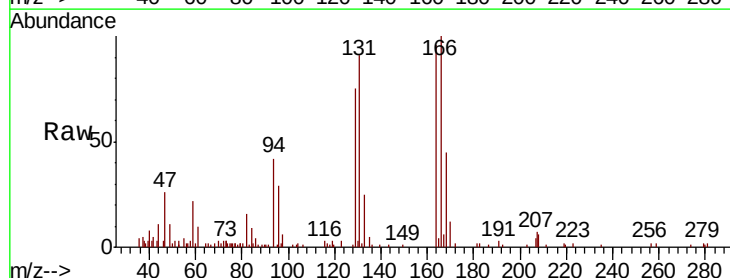
Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

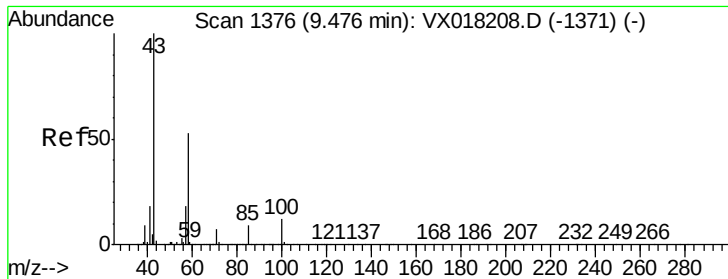
Tot Ion: 97 Resp: 10975
 Ion Ratio Lower Upper
 97 100
 99 76.7 40.3 74.9#
 83 78.6 57.7 107.1
 85 45.7 39.1 72.7



#46
 Tetrachloroethene
 Concen: 1.878 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

Tgt Ion: 164 Resp: 7306
 Ion Ratio Lower Upper
 164 100
 129 77.7 72.0 133.6
 131 94.3 66.8 124.2
 166 103.7 93.9 174.5

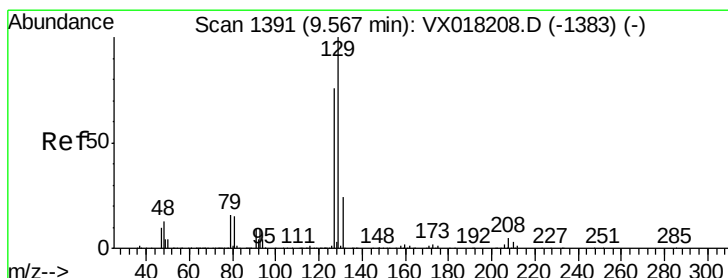
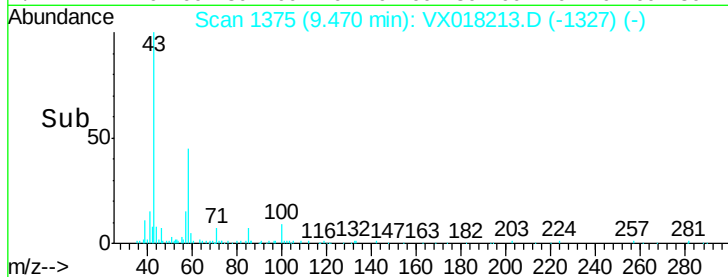
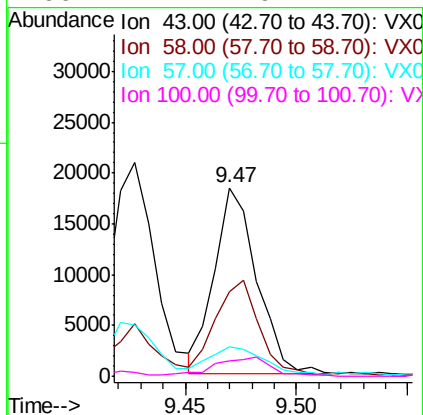
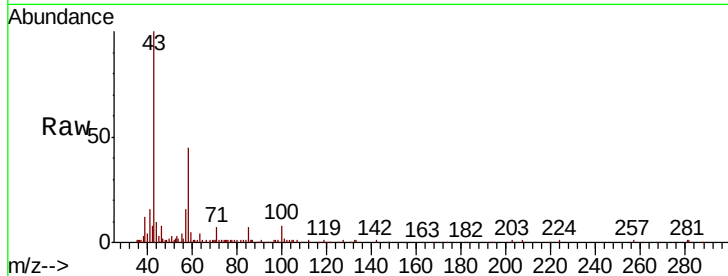




#48
2-Hexanone
Concen: 4.825 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018213.D
Acq: 02 Sep 2020 13:57

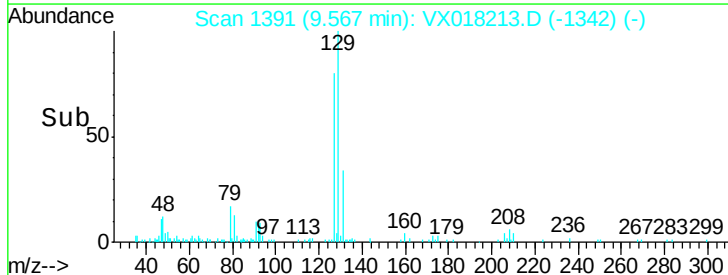
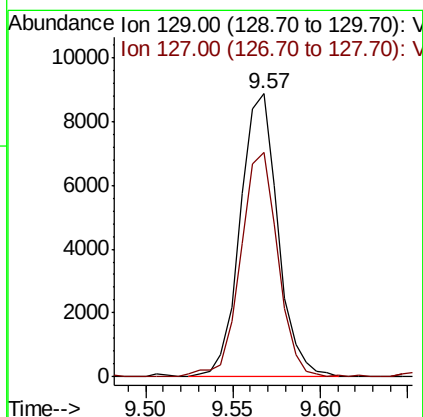
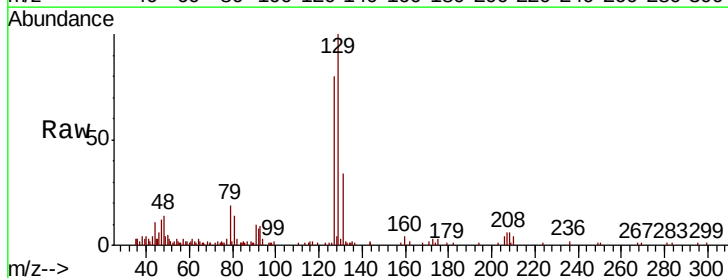
Instrument :
MSVOA_X
ClientSampleId :
MDL01

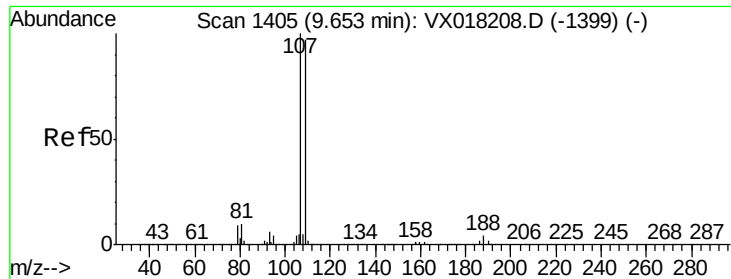
Tot Ion:	43	Resp:	24342
Ion	Ratio	Lower	Upper
43	100		
58	53.9	41.8	62.8
57	19.7	15.2	22.8
100	12.4	9.4	14.2



#49
Dibromochloromethane
Concen: 2.346 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018213.D
Acq: 02 Sep 2020 13:57

Tgt Ion:	129	Resp:	13288
Ion	Ratio	Lower	Upper
129	100		
127	79.5	53.1	98.5





#50

1,2-Dibromoethane

Concen: 2.400 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

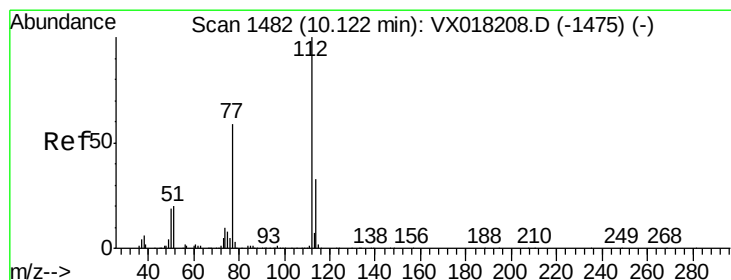
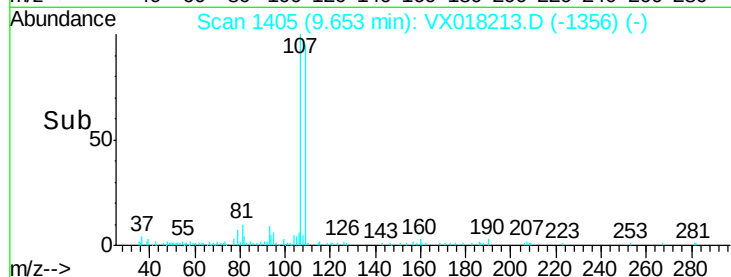
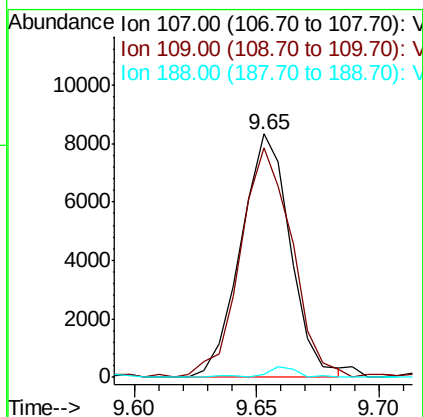
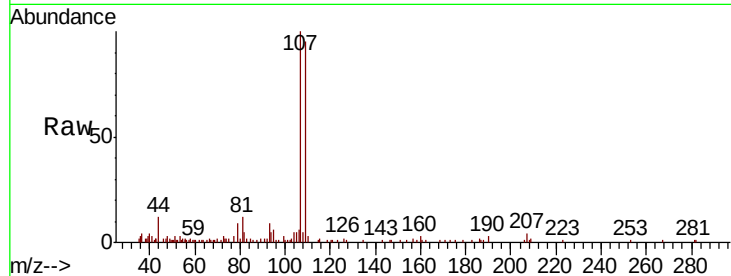
Instrument :

MSVOA_X

ClientSampled :

MDL01

Tot Ion:	107	Resp:	11747
Ion	Ratio	Lower	Upper
107	100		
109	94.5	68.0	126.2
188	1.2	2.8	4.2#



#51

Chlorobenzene

Concen: 2.256 ug/L

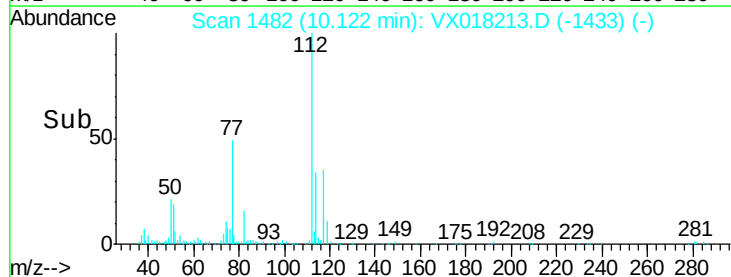
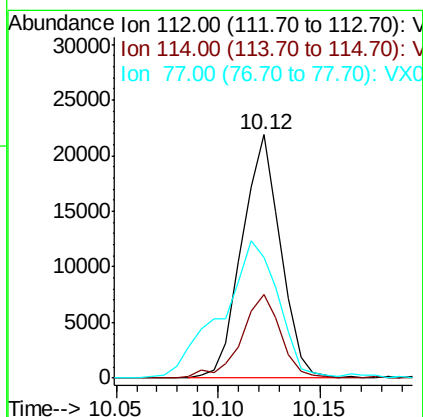
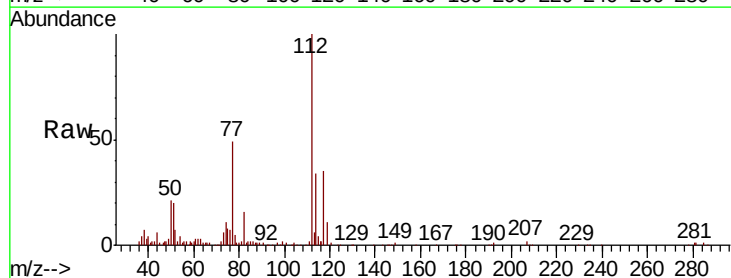
RT: 10.12 min Scan# 1482

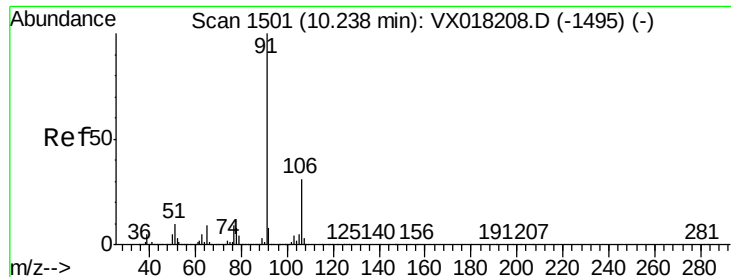
Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

Tgt Ion:	112	Resp:	28662
Ion	Ratio	Lower	Upper
112	100		
114	34.3	23.2	43.2
77	49.4	47.0	70.6





#52

Ethylbenzene

Concen: 2.049 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

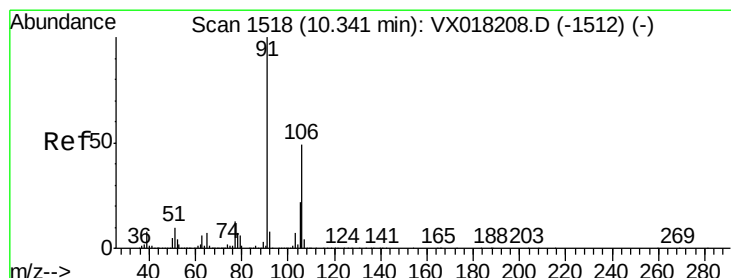
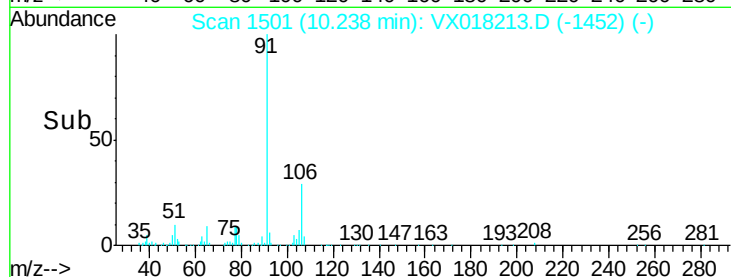
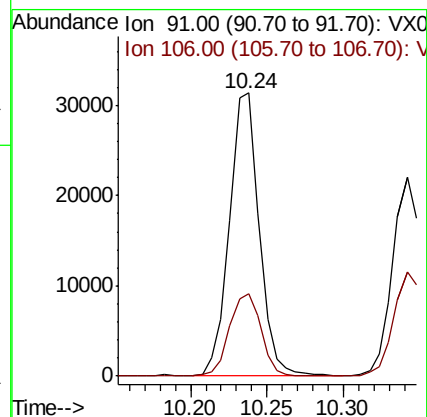
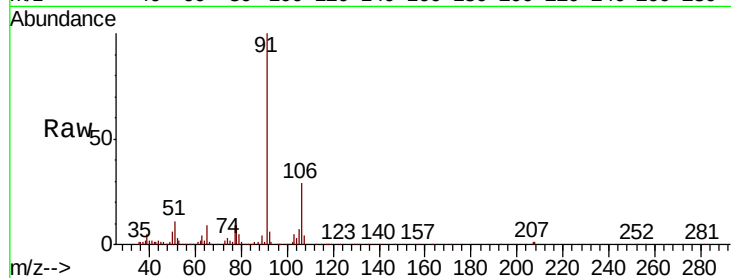
MDL01

Tot Ion: 91 Resp: 42616

Ion Ratio Lower Upper

91 100

106 29.1 21.9 40.7



#53

m,p-Xylene

Concen: 1.880 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018213.D

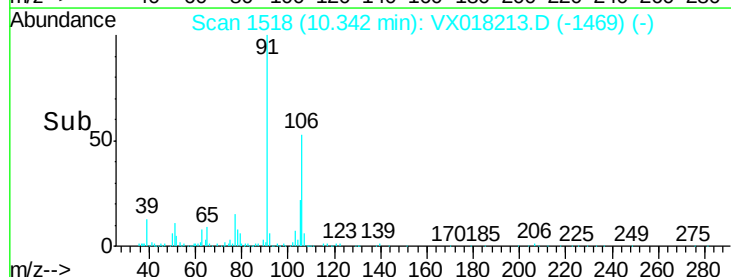
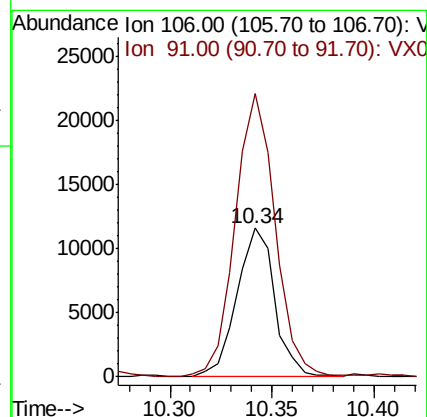
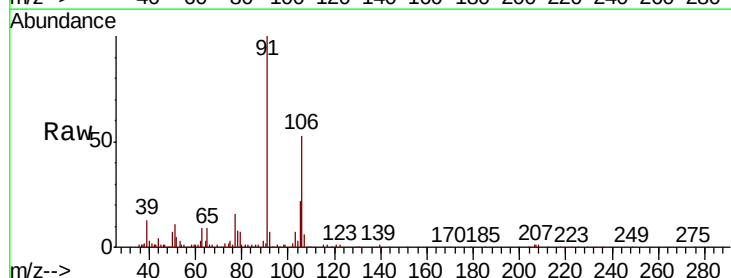
Acq: 02 Sep 2020 13:57

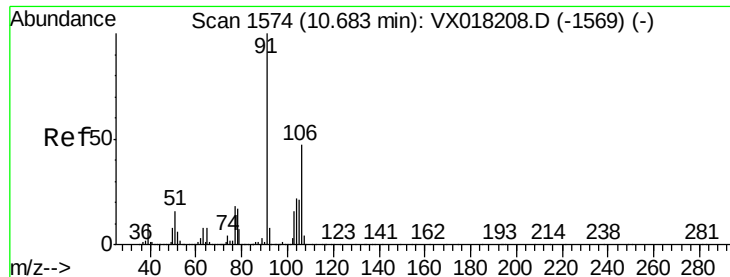
Tgt Ion: 106 Resp: 14939

Ion Ratio Lower Upper

106 100

91 190.3 142.2 264.2





#54

o-xylene

Concen: 1.980 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

Instrument :

MSVOA_X

ClientSampled :

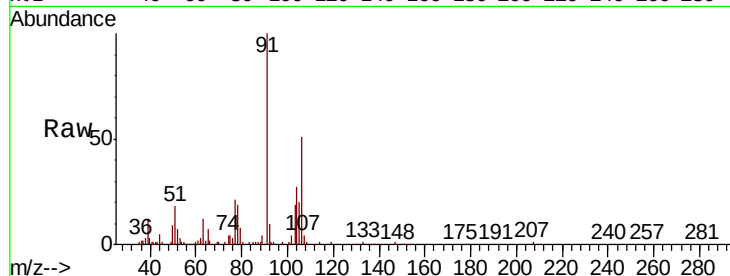
MDL01

Tot Ion:106 Resp: 15013

Ion Ratio Lower Upper

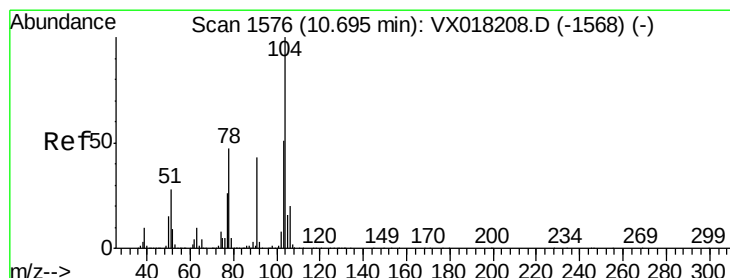
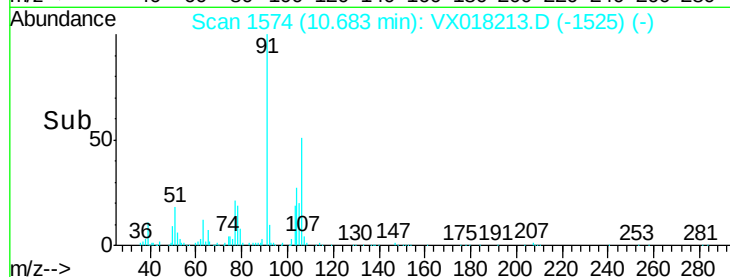
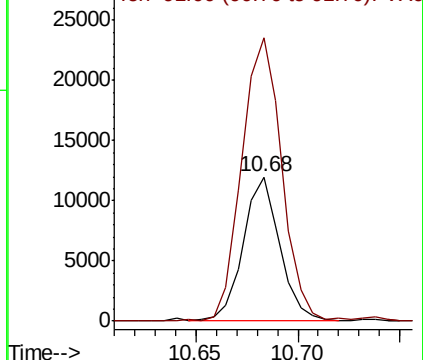
106 100

91 196.3 150.3 279.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#55

Styrene

Concen: 1.915 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018213.D

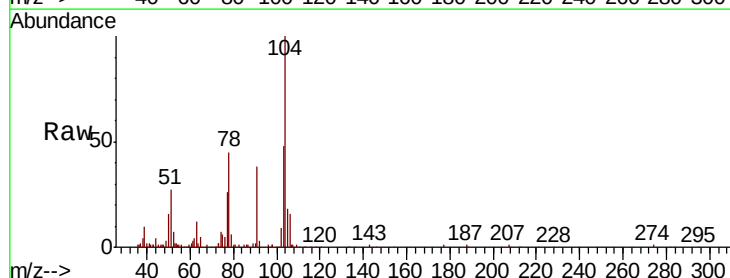
Acq: 02 Sep 2020 13:57

Tgt Ion:104 Resp: 25083

Ion Ratio Lower Upper

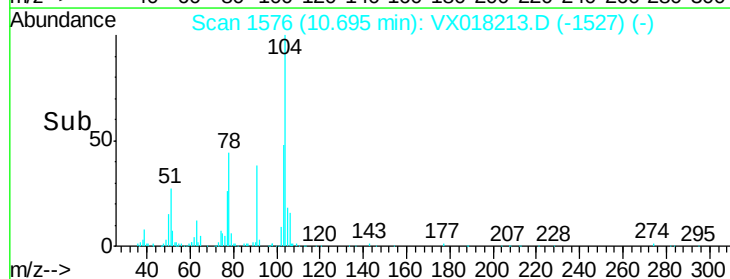
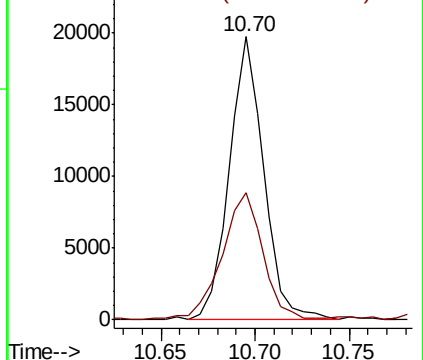
104 100

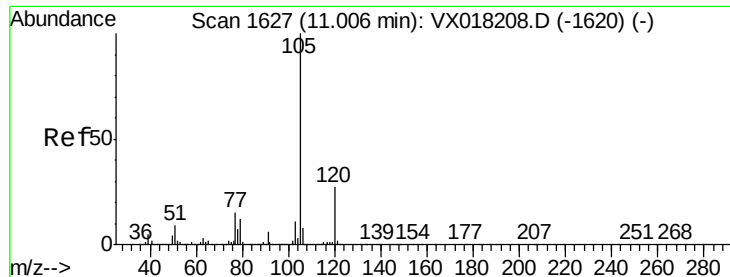
78 44.9 33.1 61.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0





#56

Isopropylbenzene

Concen: 1.803 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

MDL01

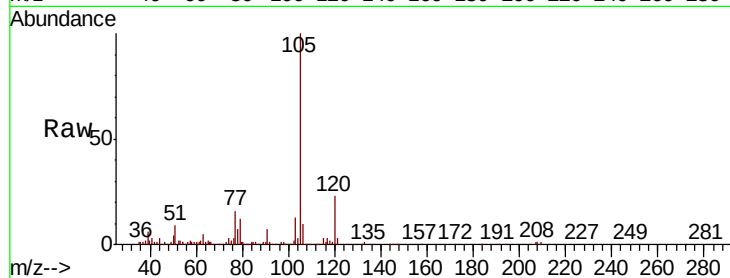
Tot Ion:105 Resp: 36576

Ion Ratio Lower Upper

105 100

120 26.9 21.3 31.9

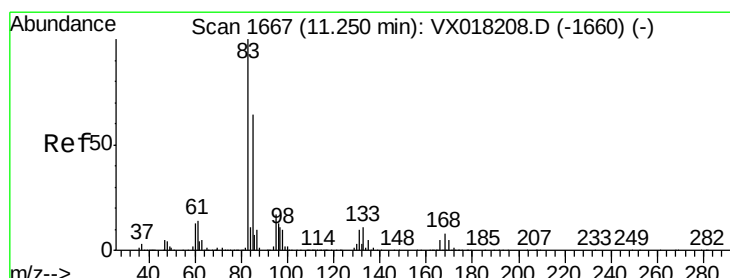
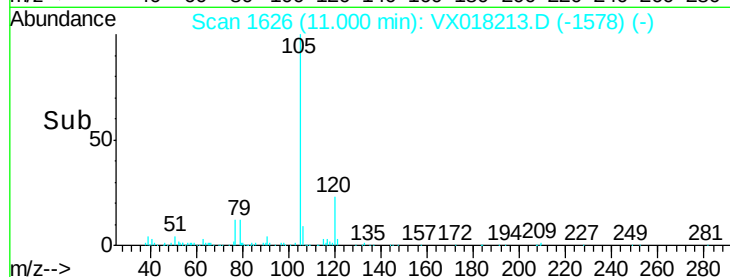
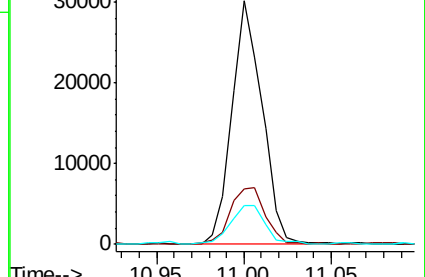
77 18.5 12.7 19.1



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



#58

1,1,2,2-Tetrachloroethane

Concen: 2.529 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

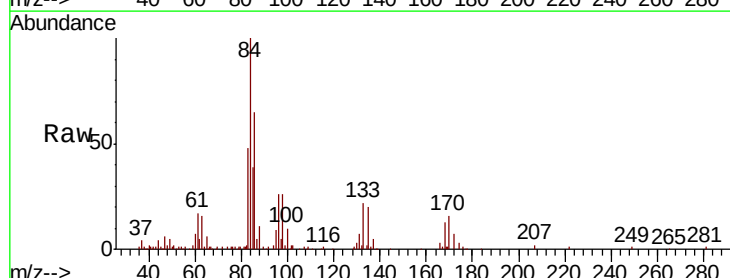
Tgt Ion: 83 Resp: 17160

Ion Ratio Lower Upper

83 100

85 79.9 44.6 82.8

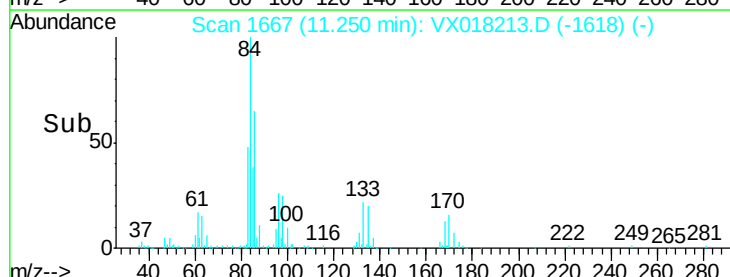
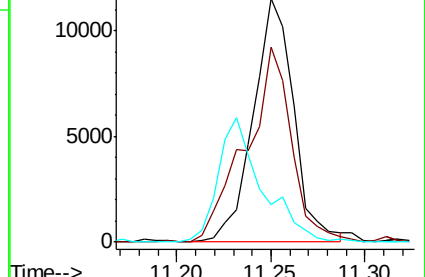
131 15.3 8.0 12.0#

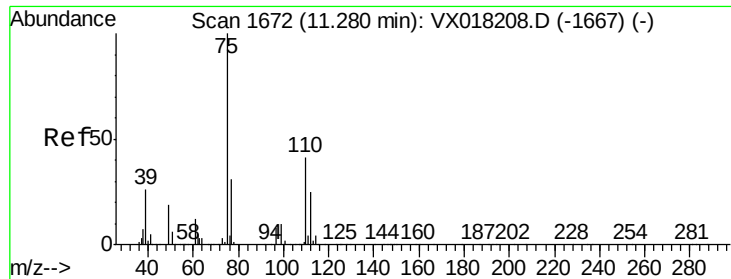


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 131.00 (130.70 to 131.70): V

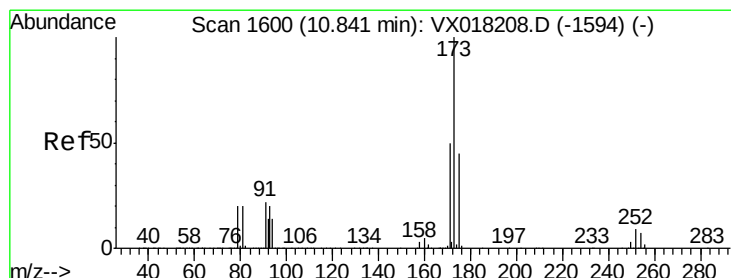
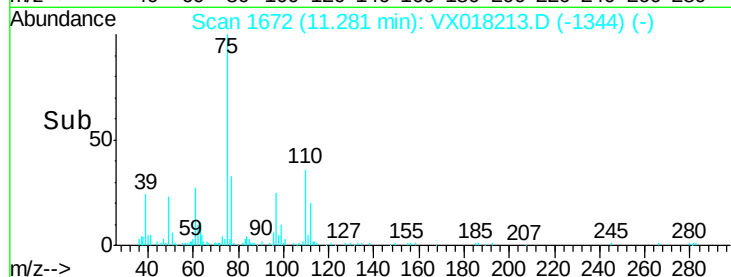
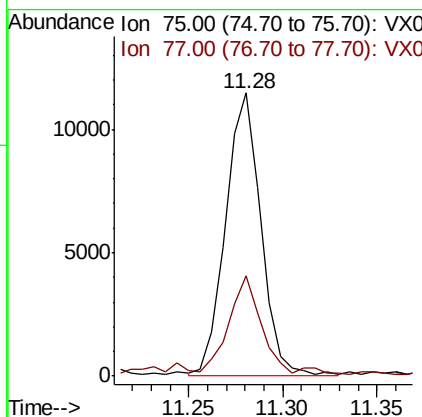
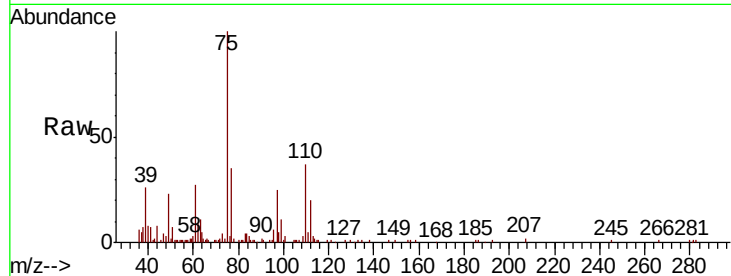




#59
 1,2,3-Trichloropropane
 Concen: 2.542 ug/L
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

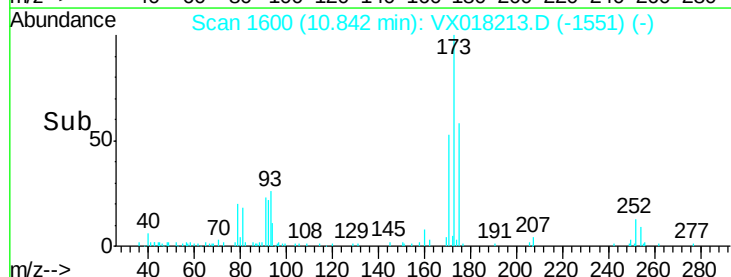
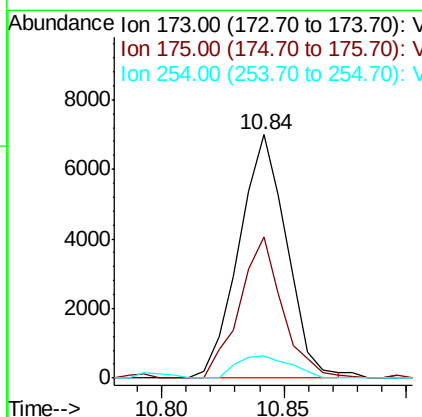
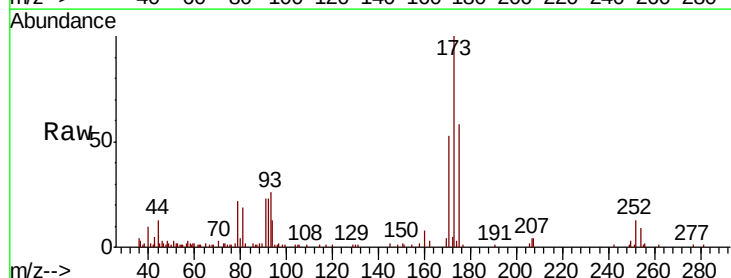
Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

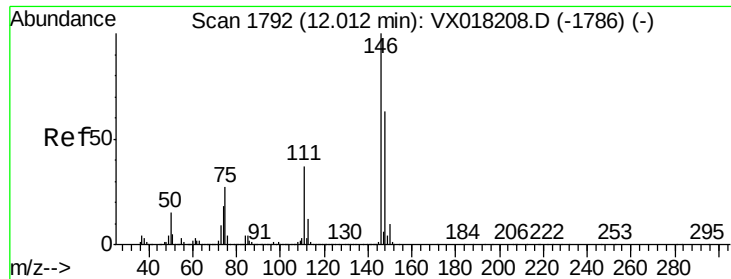
Tot Ion: 75 Resp: 14949
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.8 38.8



#61
 Bromoform
 Concen: 2.486 ug/L
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

Tgt Ion: 173 Resp: 9521
 Ion Ratio Lower Upper
 173 100
 175 52.3 37.9 56.9
 254 10.3 6.6 10.0#

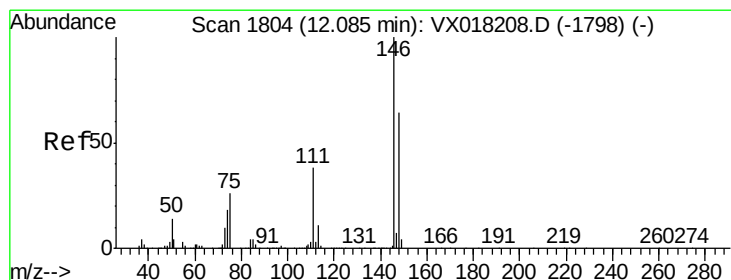
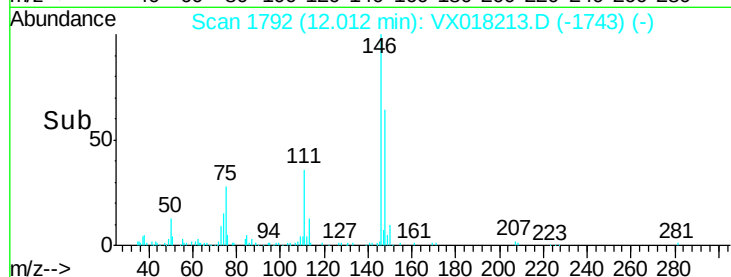
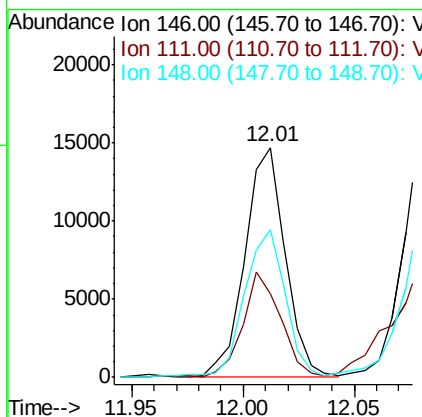
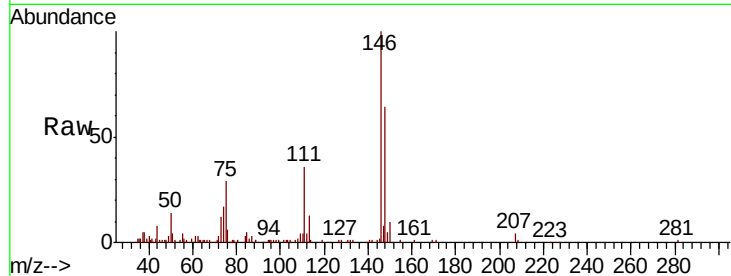




#62
 1,3-Dichlorobenzene
 Concen: 2.109 ug/L
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

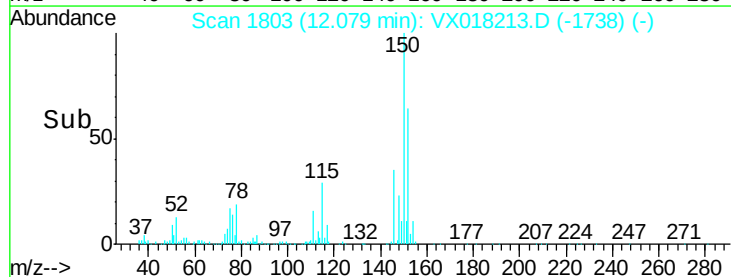
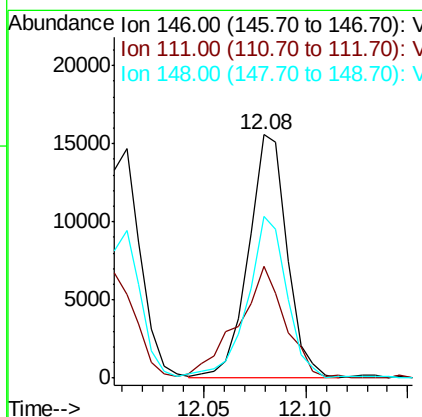
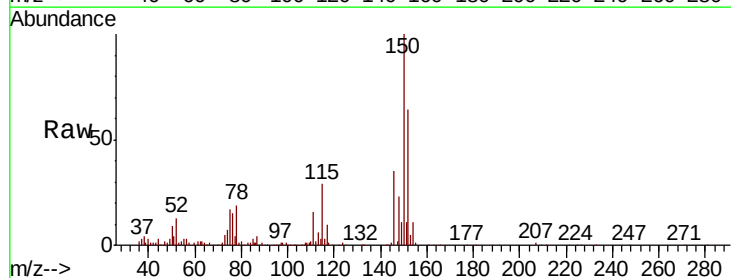
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

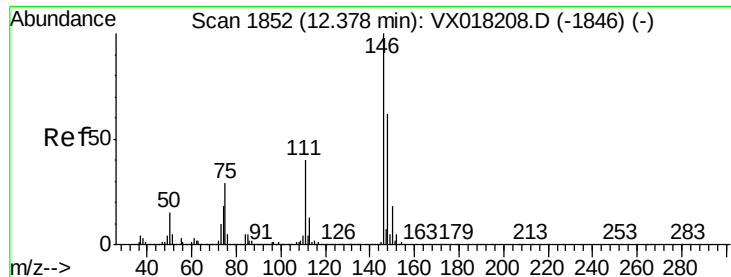
Tot Ion:146 Resp: 18710
 Ion Ratio Lower Upper
 146 100
 111 36.4 26.2 48.6
 148 64.0 44.2 82.2



#63
 1,4-Dichlorobenzene
 Concen: 2.278 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

Tgt Ion:146 Resp: 20571
 Ion Ratio Lower Upper
 146 100
 111 46.1 26.5 49.1
 148 66.4 44.5 82.7

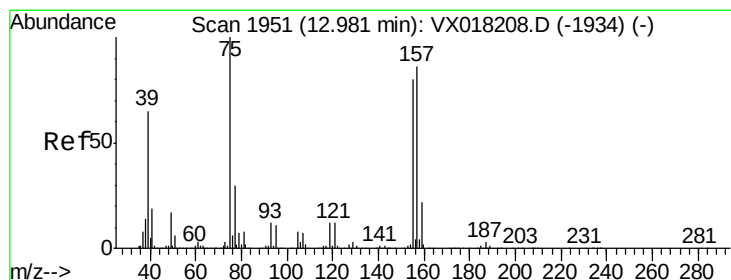
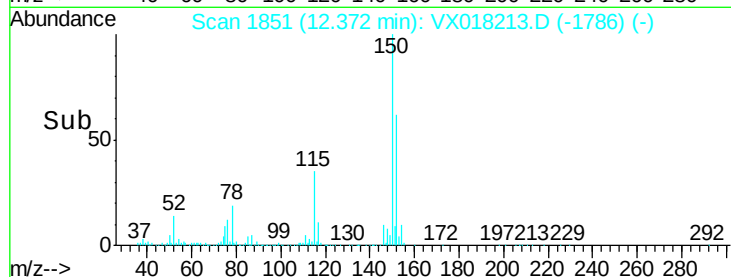
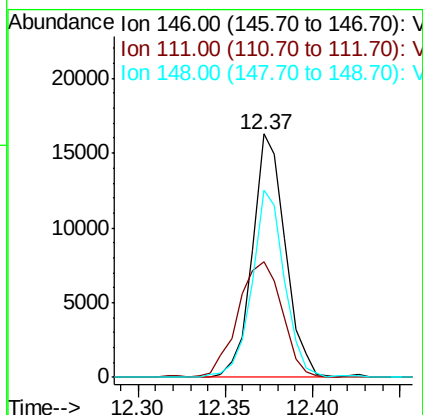
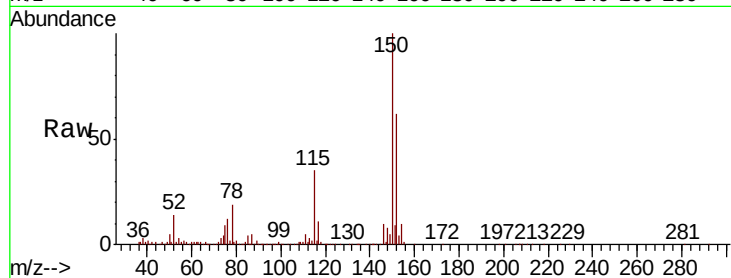




#65
 1,2-Dichlorobenzene
 Concen: 2.492 ug/L
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

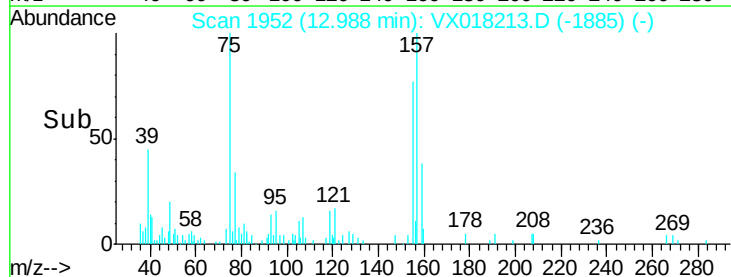
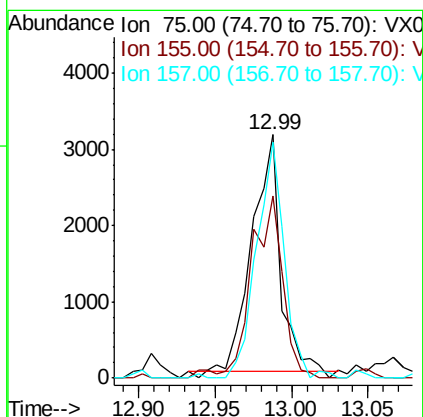
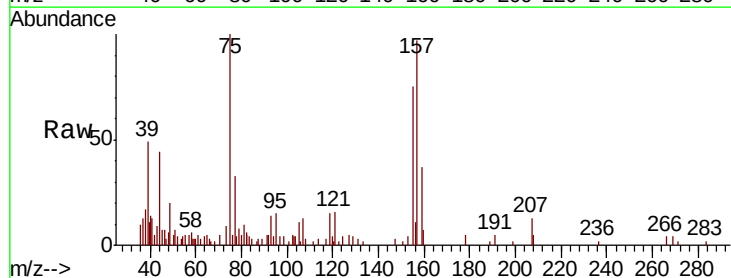
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

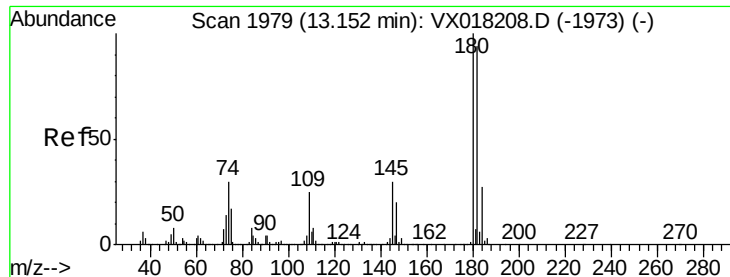
Tot Ion:146 Resp: 21295
 Ion Ratio Lower Upper
 146 100
 111 47.4 32.4 48.6
 148 77.2 49.7 74.5#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.487 ug/L
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

Tgt Ion: 75 Resp: 3975
 Ion Ratio Lower Upper
 75 100
 155 74.9 63.8 95.8
 157 97.2 68.5 102.7

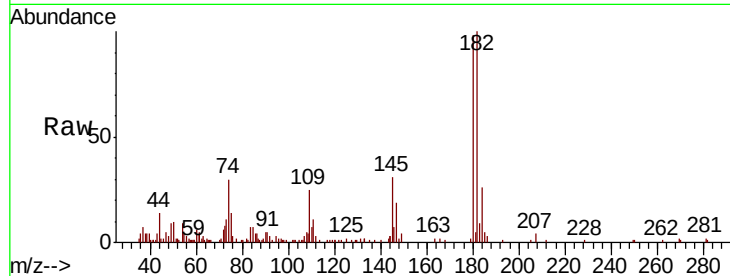




#67
 1,3,5-Trichlorobenzene
 Concen: 1.790 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	108.6	77.1	115.7
184	33.2	23.8	35.6
145	35.4	24.4	36.6



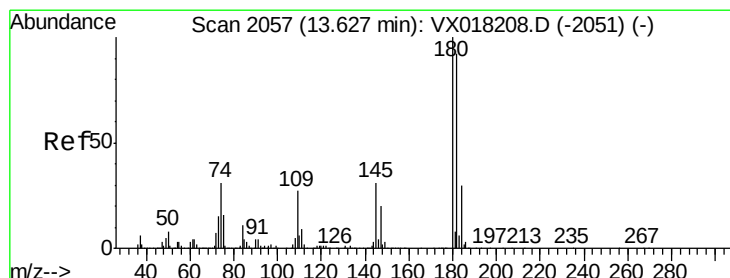
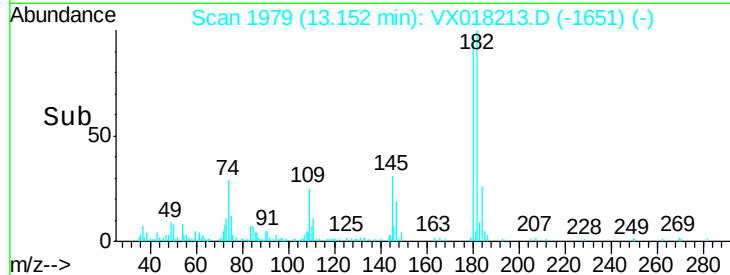
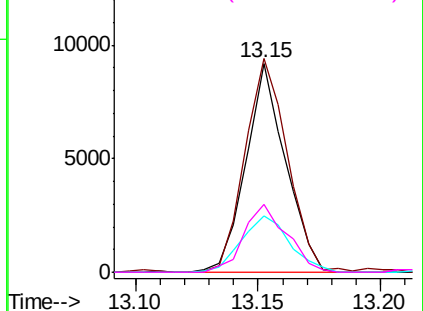
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

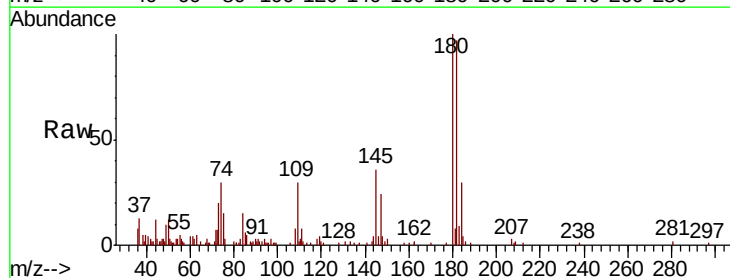
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 1.904 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018213.D
 Acq: 02 Sep 2020 13:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	74.1	111.1
145	36.8	25.0	37.4

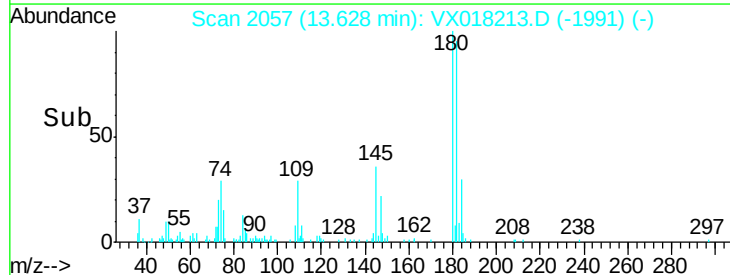
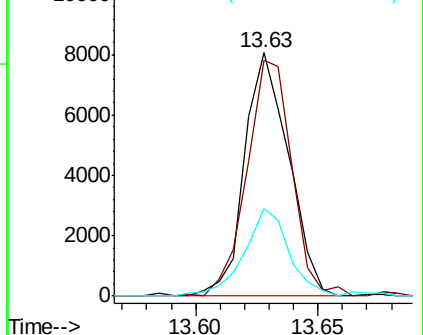


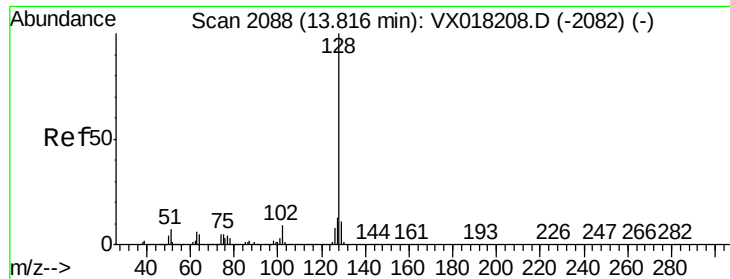
Abundance

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





#69

Naphthalene

Concen: 2.000 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

Instrument :

MSVOA_X

ClientSampled :

MDL01

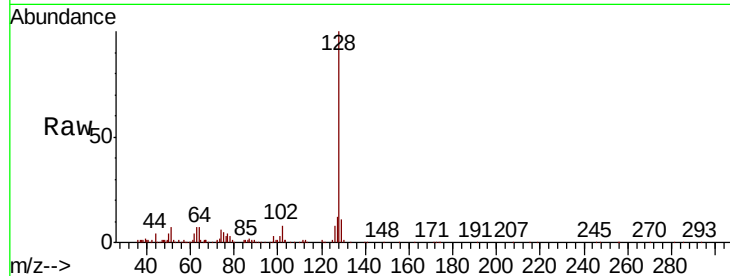
Tot Ion:128 Resp: 33778

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

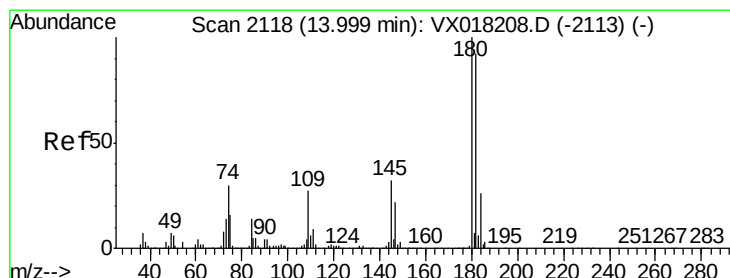
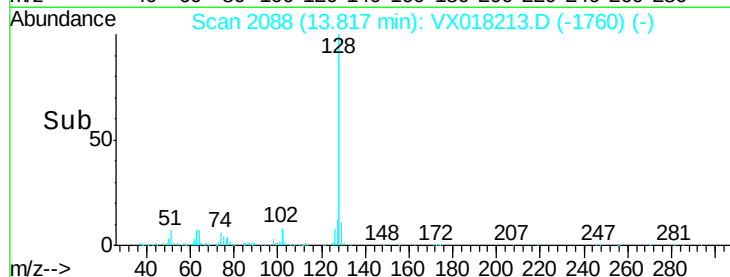
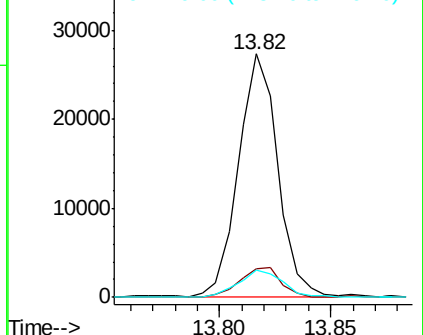
129 12.5 8.6 12.8



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: 2.378 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018213.D

Acq: 02 Sep 2020 13:57

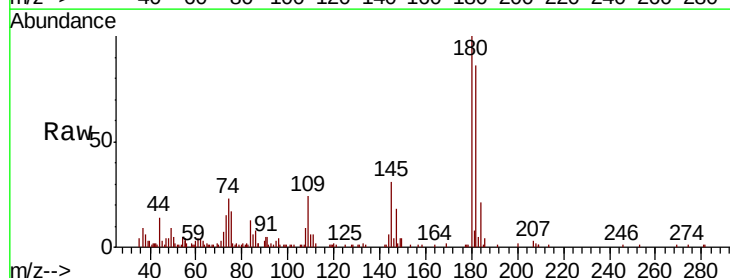
Tgt Ion:180 Resp: 12704

Ion Ratio Lower Upper

180 100

182 80.1 77.0 115.4

145 29.6 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

