

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090420\
 Data File : VX018253.D
 Acq On : 04 Sep 2020 11:48
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 04 12:11:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 11:54:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	83888	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.84	114	425840	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	414176	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	192055	28.92	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.40%
60) 4-Bromofluorobenzene	11.12	95	217863	31.20	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	104.00%
63) Toluene-d8	8.70	98	536427	29.80	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.33%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	669225	139.695 ug/l	96
3) Chloromethane	1.31	50	745547	153.480 ug/l	97
4) Vinyl Chloride	1.39	62	770713	157.705 ug/l	98
5) Bromomethane	1.62	94	476758	151.773 ug/l	99
6) Chloroethane	1.70	64	458840	161.452 ug/l	98
7) Trichlorofluoromethane	1.91	101	1277922	163.485 ug/l	99
8) Diethyl Ether	2.17	74	409615	172.494 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	639150	170.214 ug/l	99
10) 1,1-Dichloroethene	2.36	96	645016	180.651 ug/l	98
11) Methyl Iodide	2.49	142	913675	228.071 ug/l	99
12) Methyl Acetate	2.75	43	866721	168.026 ug/l	99
13) Acrolein	2.28	56	355535	531.494 ug/l	97
14) Acrylonitrile	3.12	53	1997249	917.321 ug/l	99
15) Acetone	2.42	58	513603	855.832 ug/l	86
16) Carbon Disulfide	2.55	76	1865219	194.864 ug/l	100
17) Allyl chloride	2.70	41	1195916	181.605 ug/l	98
18) Methylene Chloride	2.84	84	730158	175.551 ug/l	96
19) trans-1,2-Dichloroethene	3.14	96	717679	189.908 ug/l	99
20) Diisopropyl ether	3.82	45	2306546	175.046 ug/l	90
21) 1,1-Dichloroethane	3.67	63	1301411	180.685 ug/l	100
22) cis-1,2-Dichloroethene	4.56	96	803002	179.502 ug/l	96
23) tert-Butyl Alcohol	3.03	59	866444	874.760 ug/l	# 99
24) Methyl tert-Butyl Ether	3.17	73	2360389	175.744 ug/l	99
25) Chloroform	5.18	83	1385722	175.389 ug/l	97
26) Cyclohexane	5.55	56	1115416	181.903 ug/l	# 49
29) 1,1-Dichloropropene	5.77	75	1027228	193.805 ug/l	99
30) 2-Butanone	4.64	43	2822629	955.343 ug/l	99
31) 2,2-Dichloropropane	4.55	77	1214054	183.346 ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	1313662	184.931 ug/l	99
33) Carbon Tetrachloride	5.76	117	1235744	187.996 ug/l	94
34) Benzene	6.12	78	2863369	189.252 ug/l	# 97
35) Methacrylonitrile	5.01	41	598231	187.259 ug/l	94
36) 1,2-Dichloroethane	6.17	62	1191412	187.866 ug/l	# 100
37) Trichloroethene	7.19	130	833994	188.924 ug/l	99
38) Methylcyclohexane	7.45	83	1155993	187.702 ug/l	96
39) 1,2-Dichloropropane	7.49	63	770016	188.149 ug/l	96
40) Dibromomethane	7.64	93	546931	187.165 ug/l	97

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

41) Bromodichloromethane	7.88	83	1153750	182.449	ug/l	93
42) Vinyl Acetate	3.79	43	10559422	1033.696	ug/l	100
43) Ethyl Acetate	4.80	43	1118159	197.615	ug/l	99
44) Isopropyl Acetate	6.42	43	1843867	191.283	ug/l	98
45) 1,4-Dioxane	7.72	88	314774	3513.463	ug/l #	90
46) Methyl methacrylate	7.75	41	937876	199.440	ug/l	99
47) n-amyl Acetate	10.88	43	1707790	213.581	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	1319891	194.730	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	1342657	183.655	ug/l	96
50) 1,1,2-Trichloroethane	9.20	97	782953	191.159	ug/l	99
51) Ethyl methacrylate	9.16	69	1248627	207.758	ug/l	99
52) 1,3-Dichloropropane	9.35	76	1304069	192.646	ug/l	98
53) Dibromochloromethane	9.57	129	1002570	191.510	ug/l	100
54) 1,2-Dibromoethane	9.66	107	872770	193.165	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	3195539	982.378	ug/l	100
56) Bromoform	10.84	173	745496	191.979	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	5724489	942.493	ug/l	99
59) 2-Hexanone	9.48	43	4372771	993.871	ug/l	99
61) Tetrachloroethene	9.32	164	757141	163.397	ug/l	91
62) Toluene	8.77	91	3222389	187.681	ug/l	99
64) Chlorobenzene	10.12	112	2122913	185.135	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	860760	183.622	ug/l	97
66) Ethyl Benzene	10.24	91	3700971	193.839	ug/l	100
67) m/p-Xylenes	10.34	106	2866546	398.942	ug/l	98
68) o-Xylene	10.68	106	1389704	198.375	ug/l	99
69) Styrene	10.70	104	2427089	197.715	ug/l	99
70) Isopropylbenzene	11.01	105	3803247	187.890	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	1168940	197.342	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	1489236	254.456	ug/l	91
73) Bromobenzene	11.24	156	999818	185.599	ug/l	99
74) n-propylbenzene	11.35	91	4450433	191.106	ug/l	98
75) 2-Chlorotoluene	11.41	91	2674897	189.528	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	3295122	192.683	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	465012	202.940	ug/l	90
78) 4-Chlorotoluene	11.49	91	3185578	193.584	ug/l	100
79) tert-butylbenzene	11.76	119	3236480	193.013	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	3308624	186.264	ug/l	99
81) sec-Butylbenzene	11.93	105	3746095	188.198	ug/l	99
82) p-Isopropyltoluene	12.05	119	3523746	193.909	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	1771140	179.391	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	1789673	182.620	ug/l	98
85) n-Butylbenzene	12.37	91	3133272	182.131	ug/l	99
86) Hexachloroethane	12.58	117	690102	179.616	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	1724784	177.342	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	12.98	75	319803	196.085	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	1232587	183.380	ug/l	97
90) Hexachlorobutadiene	13.77	225	500405	162.609	ug/l	93
91) Naphthalene	13.82	128	3946959	197.295	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	1199840	184.965	ug/l	99

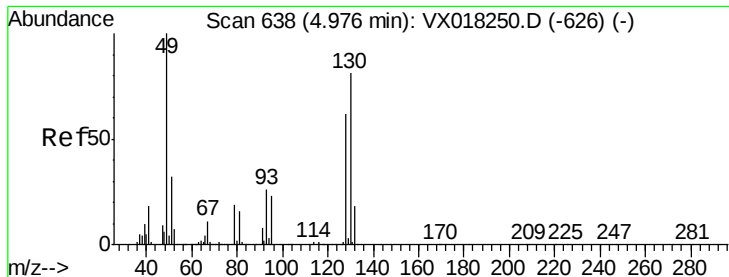
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

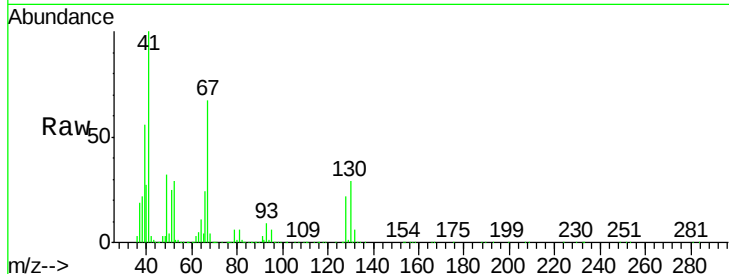
Tgt Ion:128 Resp: 83888

Ion Ratio Lower Upper

128 100

49 153.1 0.0 392.0

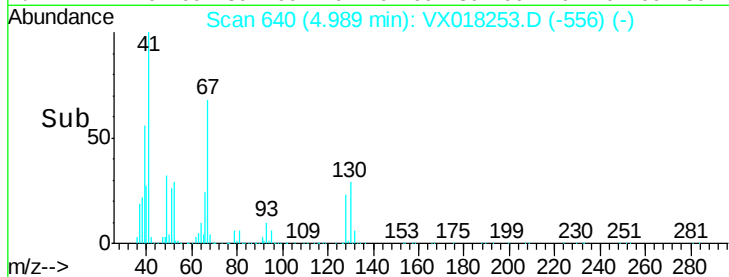
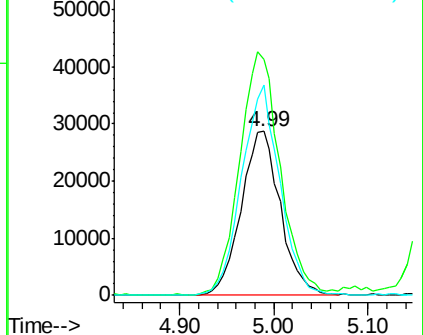
130 124.9 0.0 320.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 139.695 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018253.D

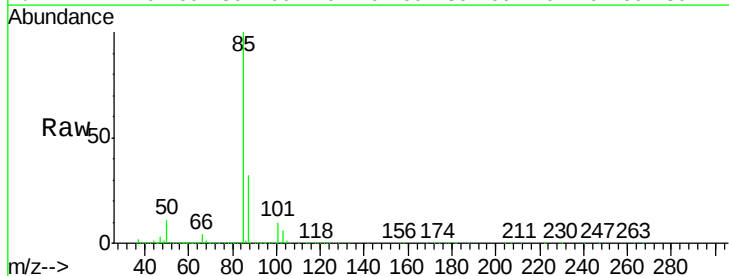
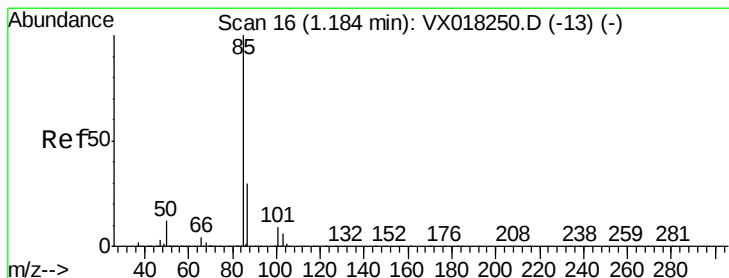
Acq: 04 Sep 2020 11:48

Tgt Ion: 85 Resp: 669225

Ion Ratio Lower Upper

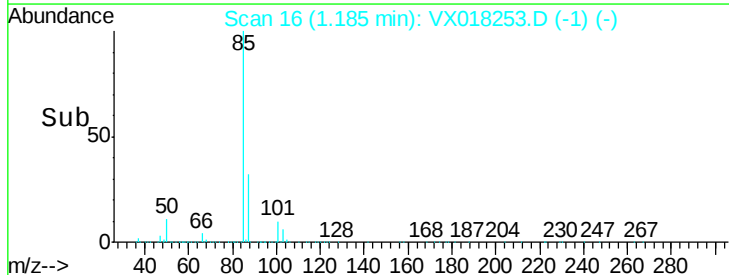
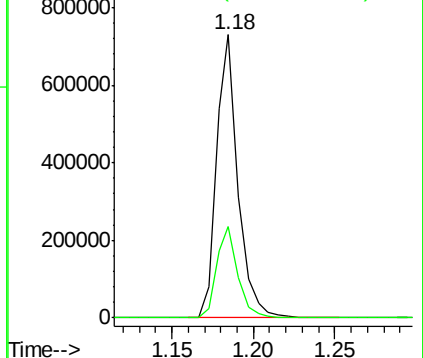
85 100

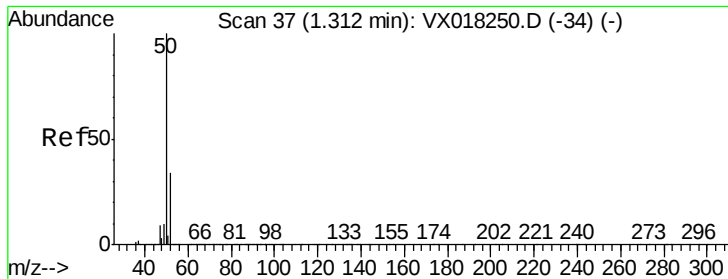
87 32.4 15.1 45.3



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 153.480 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

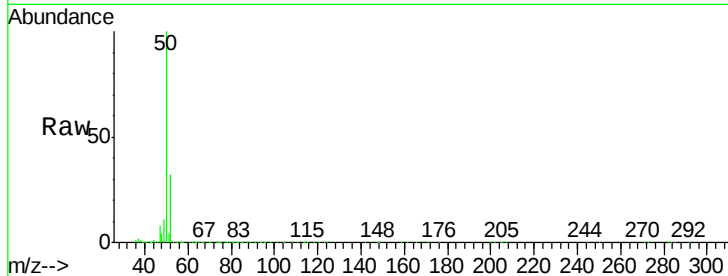
VSTDICC150

Tgt Ion: 50 Resp: 745547

Ion Ratio Lower Upper

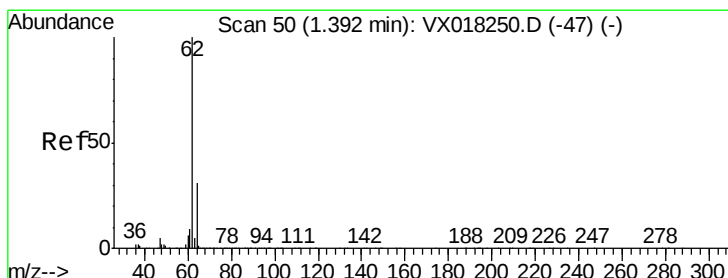
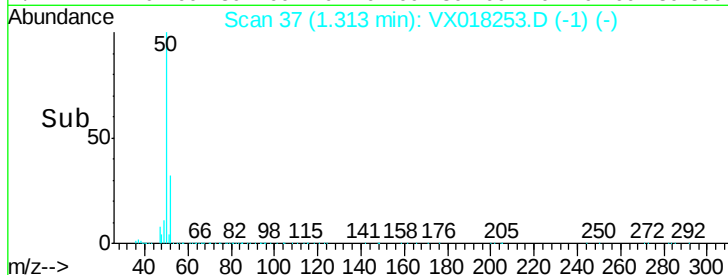
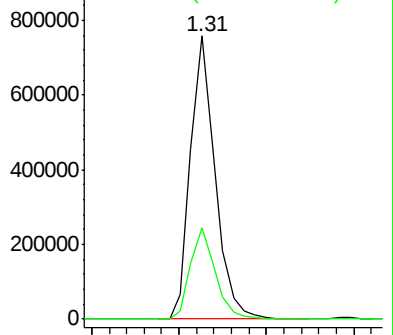
50 100

52 32.5 27.1 40.7



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 157.705 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018253.D

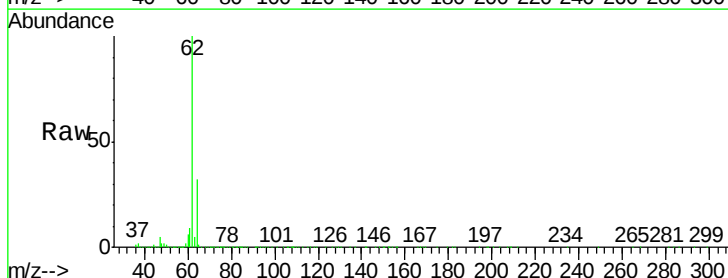
Acq: 04 Sep 2020 11:48

Tgt Ion: 62 Resp: 770713

Ion Ratio Lower Upper

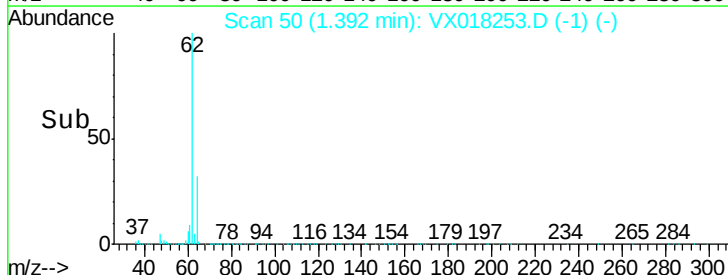
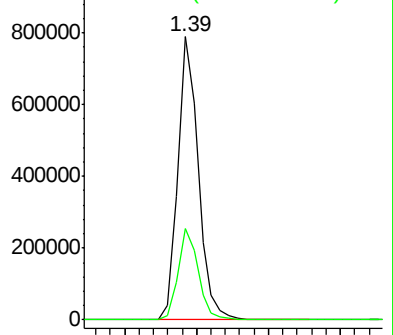
62 100

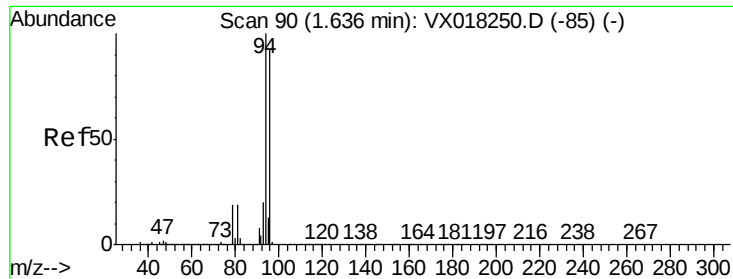
64 32.3 25.2 37.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 151.773 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

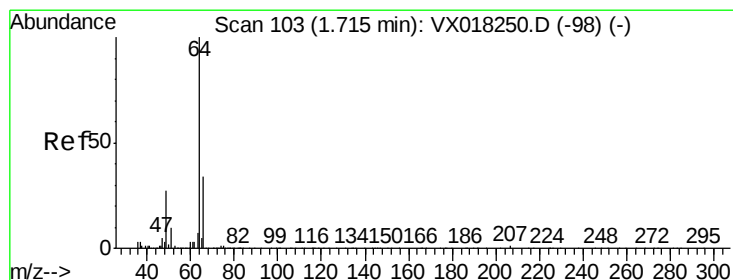
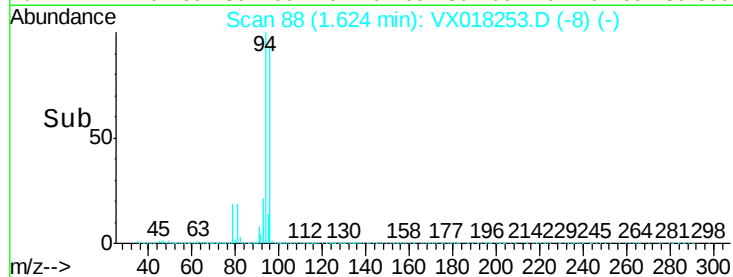
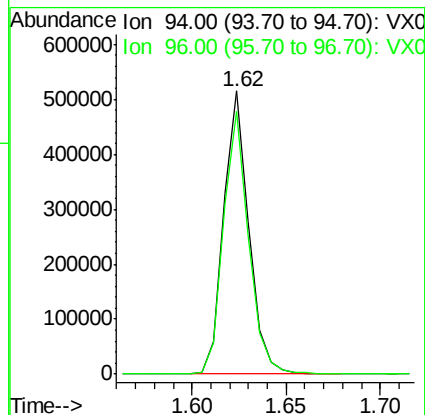
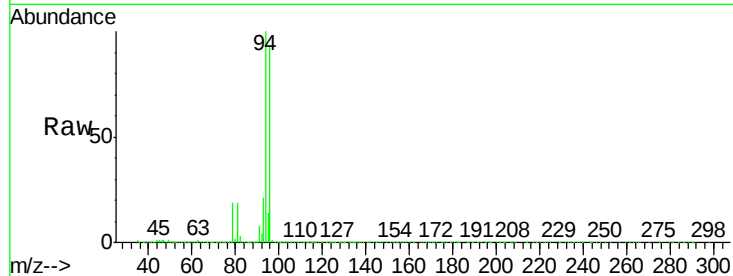
VSTDIC150

Tgt Ion: 94 Resp: 476758

Ion Ratio Lower Upper

94 100

96 93.1 73.9 110.9



#6

Chloroethane

Concen: 161.452 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018253.D

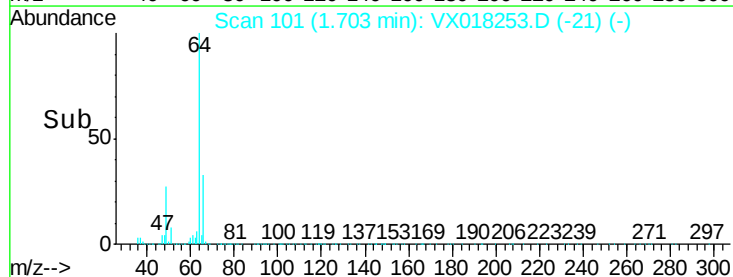
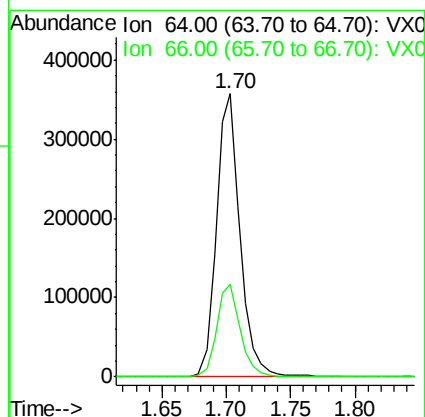
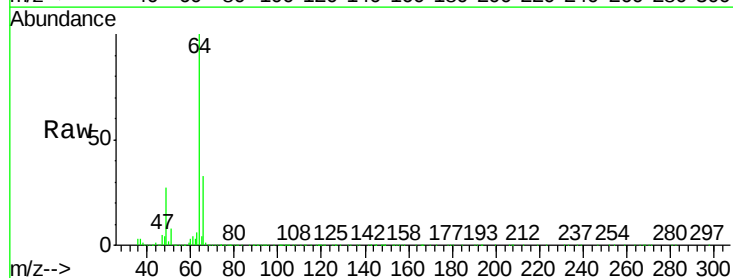
Acq: 04 Sep 2020 11:48

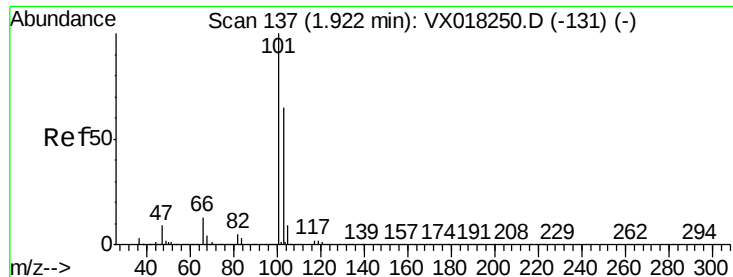
Tgt Ion: 64 Resp: 458840

Ion Ratio Lower Upper

64 100

66 32.6 27.0 40.4



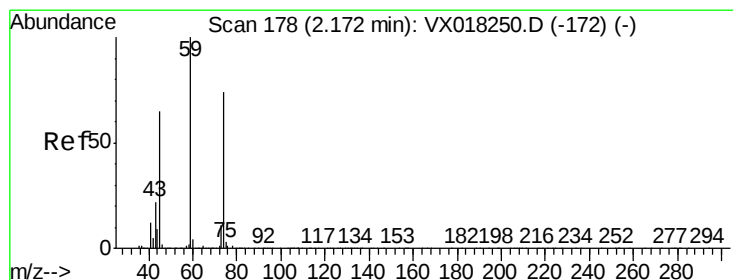
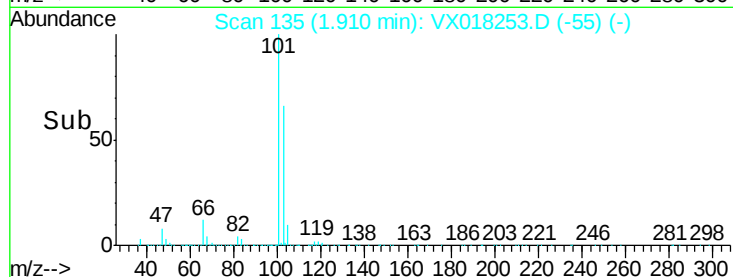
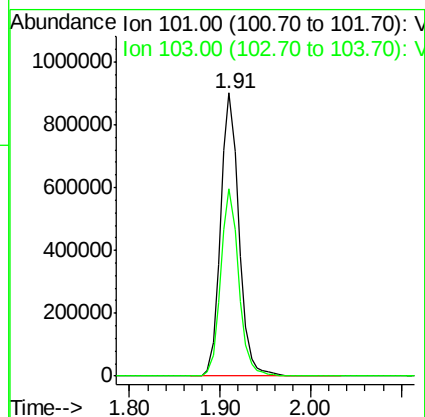
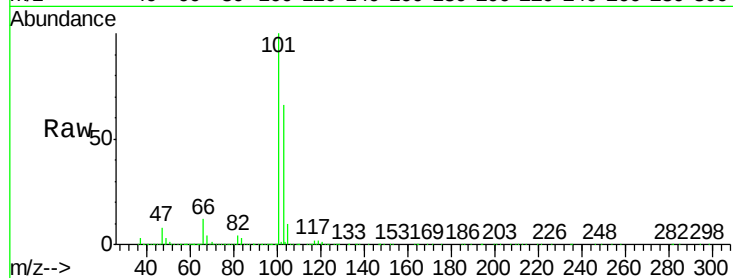


#7

Trichlorofluoromethane
Concen: 163.485 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

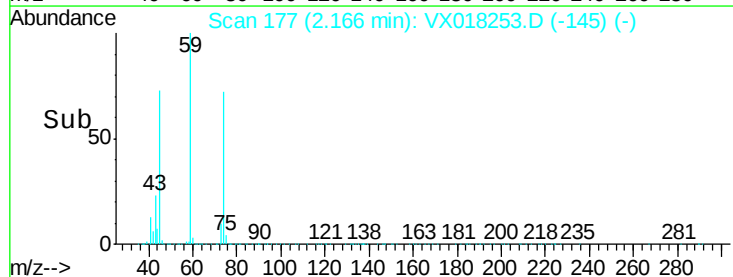
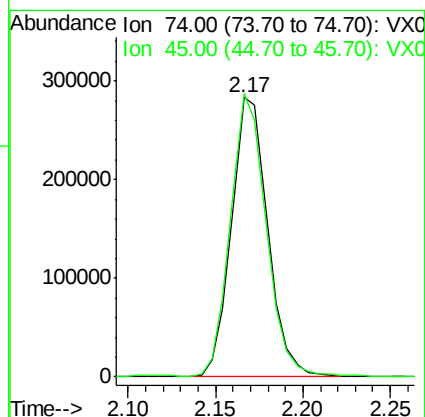
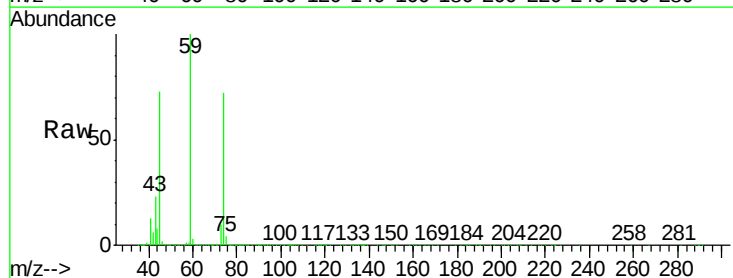
Tgt Ion:101 Resp: 1277922
Ion Ratio Lower Upper
101 100
103 66.1 52.3 78.5

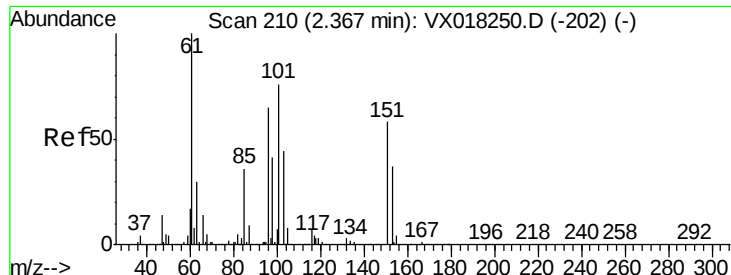


#8

Diethyl Ether
Concen: 172.494 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion: 74 Resp: 409615
Ion Ratio Lower Upper
74 100
45 99.2 20.5 184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 170.214 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

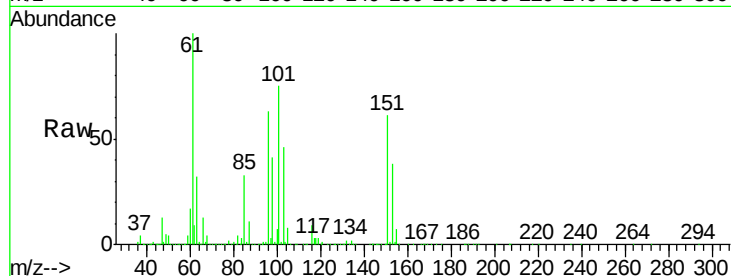
Tgt Ion: 101 Resp: 639150

Ion Ratio Lower Upper

101 100

85 44.2 0.0 87.8

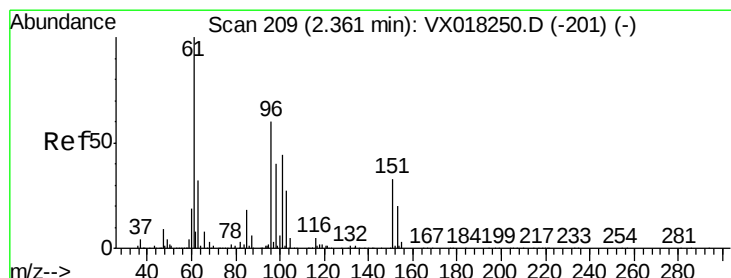
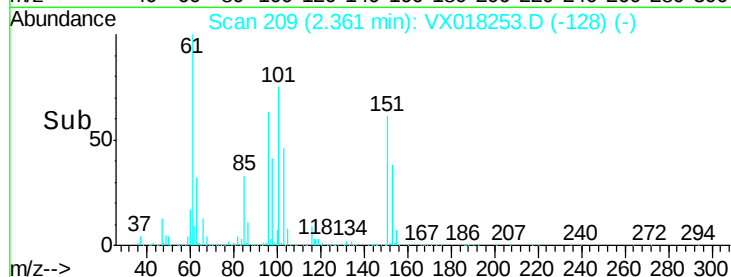
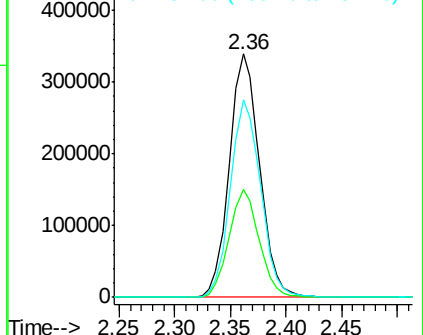
151 81.6 0.0 161.4



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



#10

1,1-Dichloroethene

Concen: 180.651 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

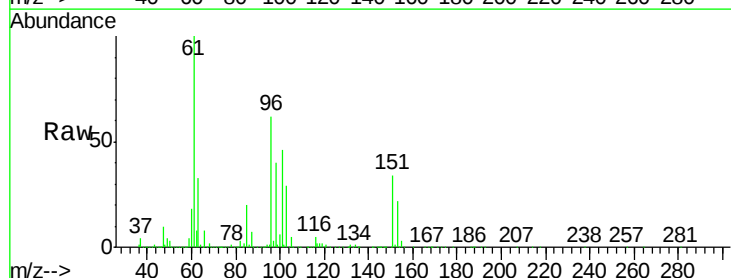
Tgt Ion: 96 Resp: 645016

Ion Ratio Lower Upper

96 100

61 162.1 132.5 198.7

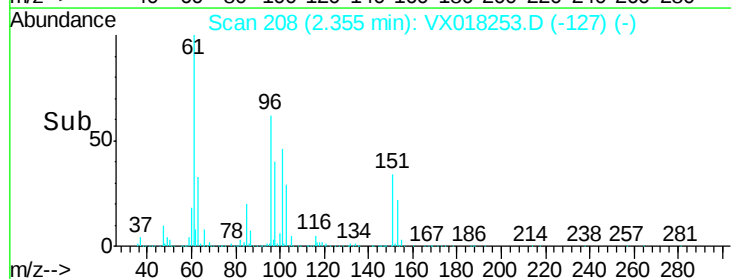
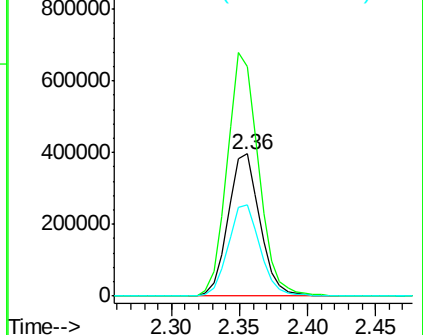
98 64.8 52.4 78.6

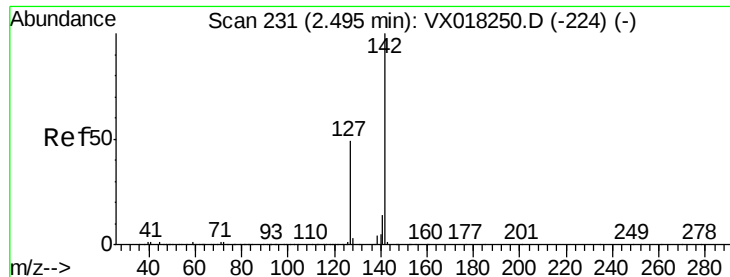


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

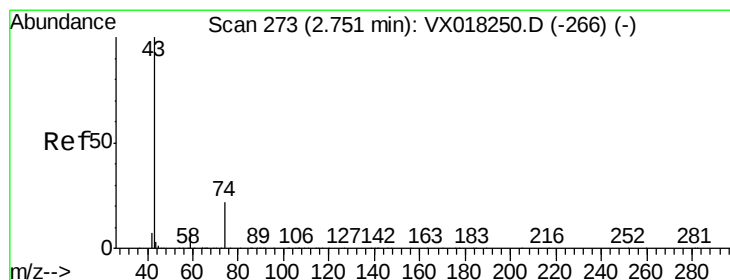
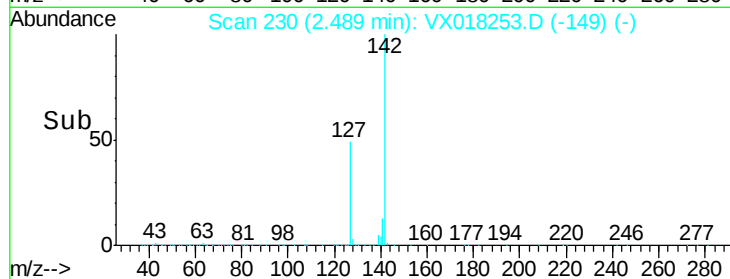
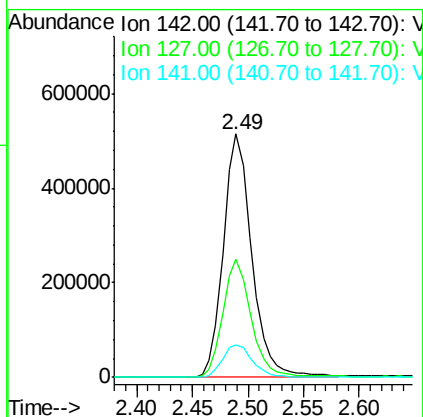
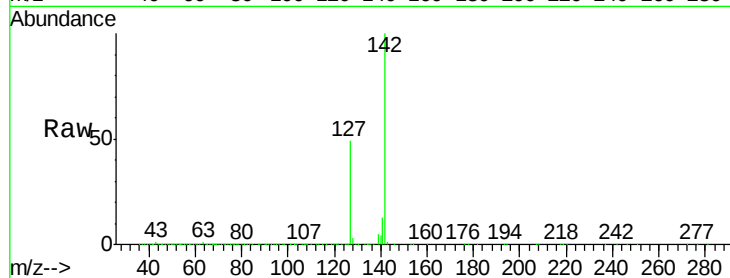




#11
Methyl Iodide
Concen: 228.071 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

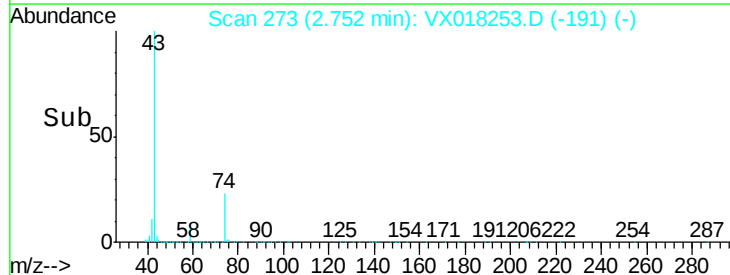
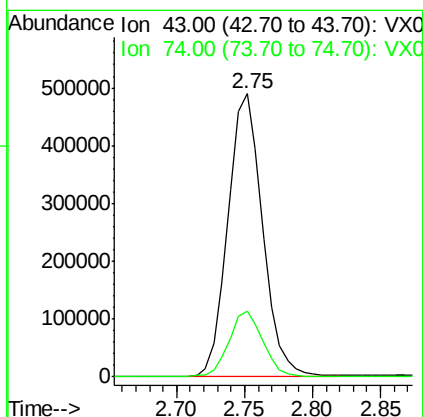
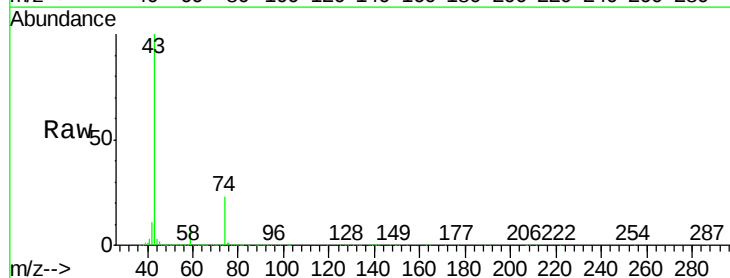
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

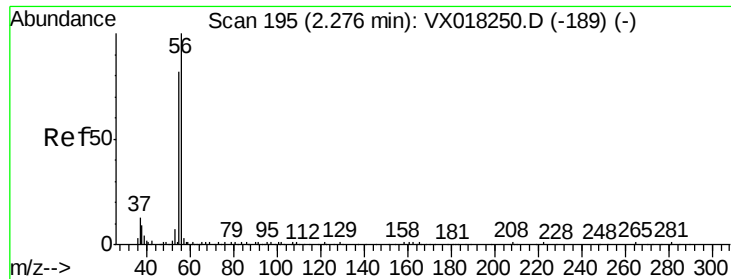
Tgt Ion:142 Resp: 913675
Ion Ratio Lower Upper
142 100
127 48.7 24.6 74.0
141 13.4 7.0 21.0



#12
Methyl Acetate
Concen: 168.026 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion: 43 Resp: 866721
Ion Ratio Lower Upper
43 100
74 23.1 18.0 27.0





#13

Acrolein

Concen: 531.494 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

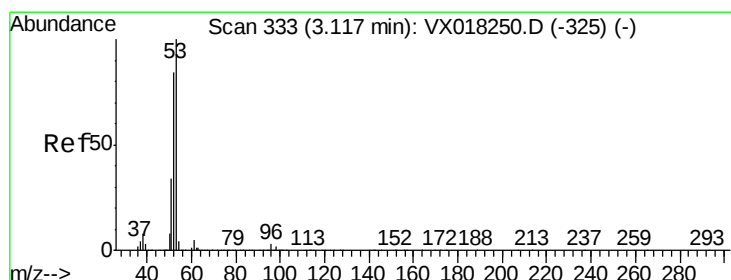
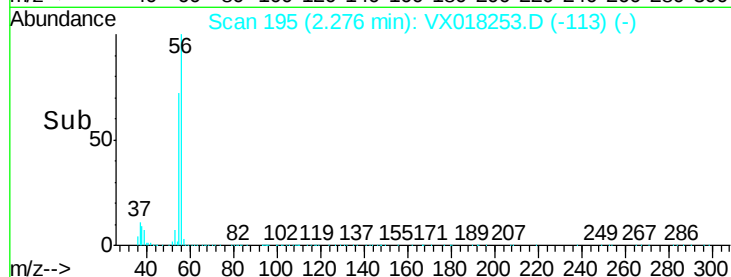
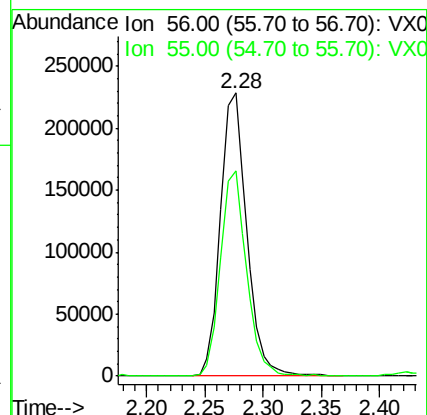
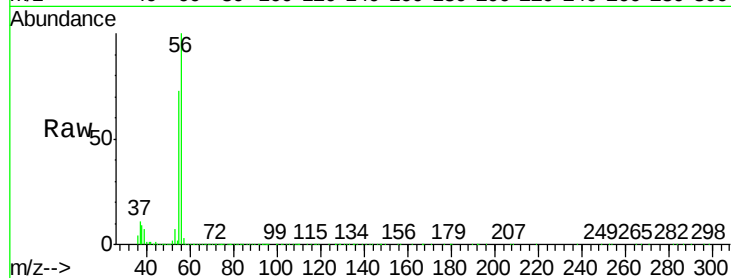
VSTDIC150

Tgt Ion: 56 Resp: 355535

Ion Ratio Lower Upper

56 100

55 72.0 59.7 89.5



#14

Acrylonitrile

Concen: 917.321 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

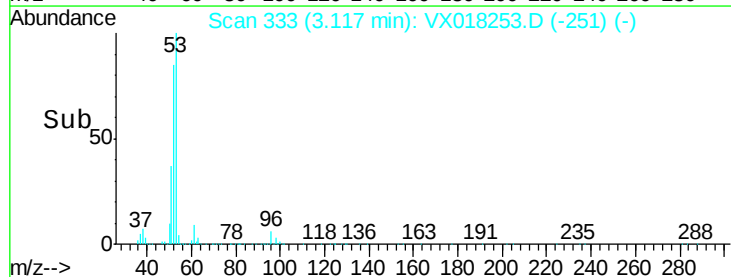
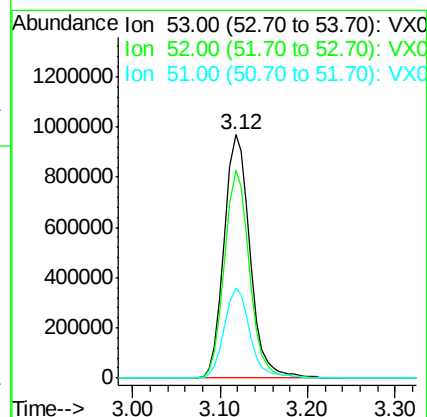
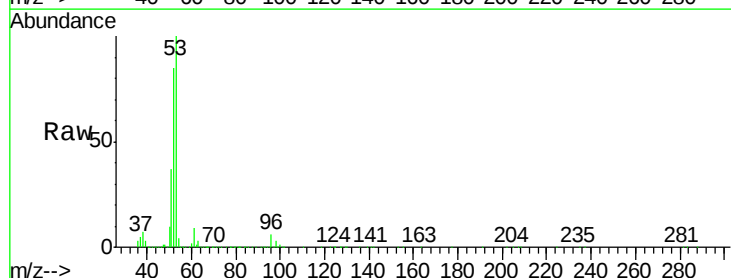
Tgt Ion: 53 Resp: 1997249

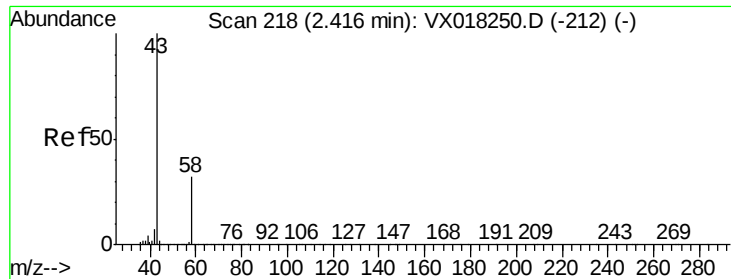
Ion Ratio Lower Upper

53 100

52 82.4 41.9 125.7

51 36.6 18.3 54.8





#15

Acetone

Concen: 855.832 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

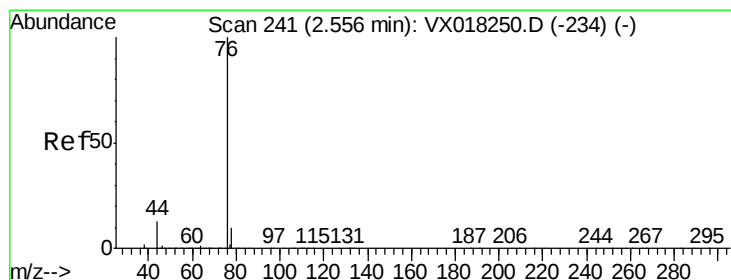
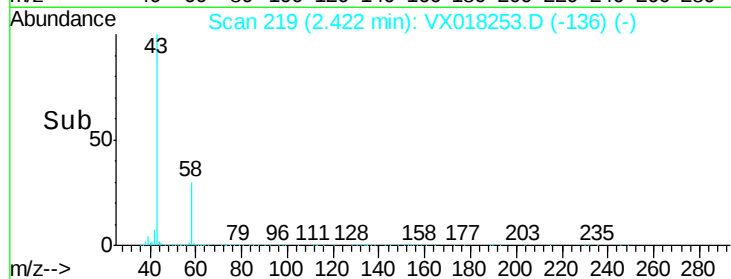
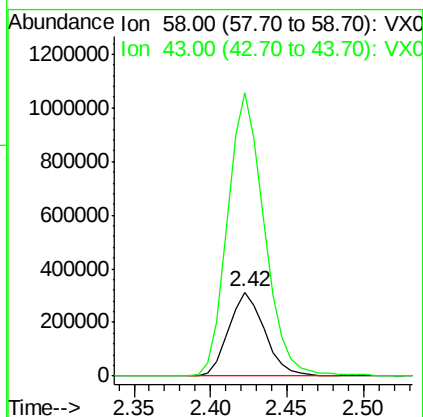
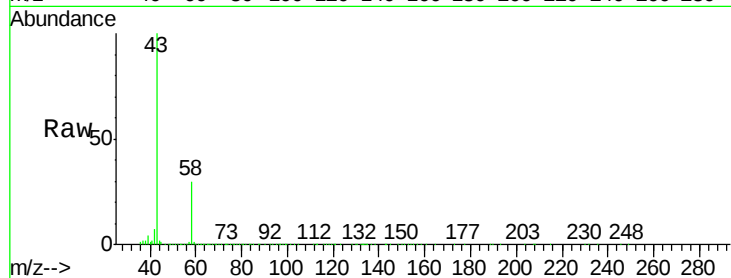
VSTDIC150

Tgt Ion: 58 Resp: 513603

Ion Ratio Lower Upper

58 100

43 337.4 248.2 372.2



#16

Carbon Disulfide

Concen: 194.864 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018253.D

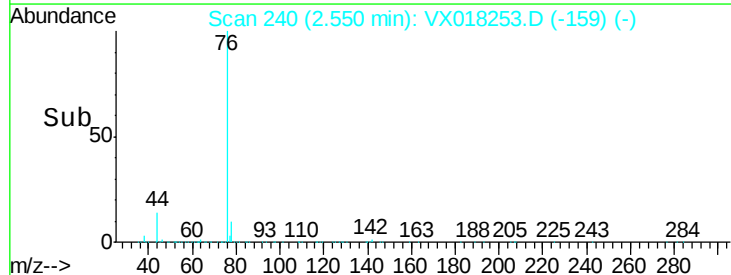
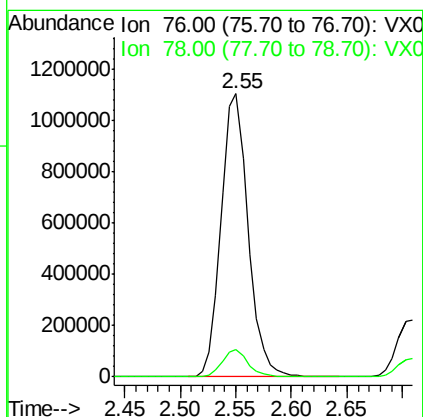
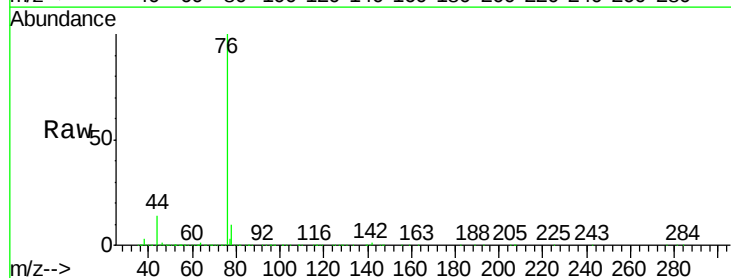
Acq: 04 Sep 2020 11:48

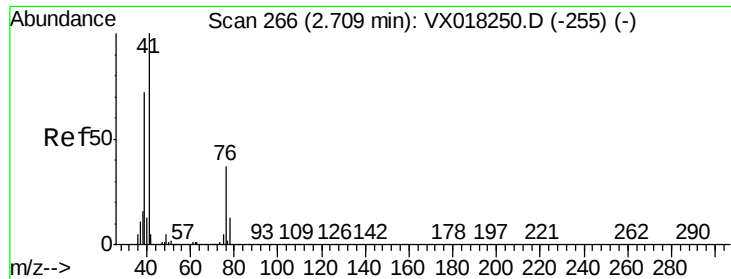
Tgt Ion: 76 Resp: 1865219

Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.6

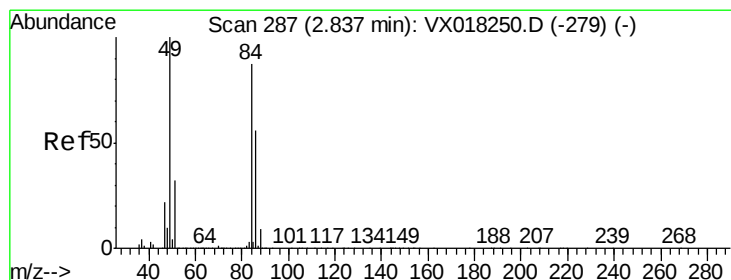
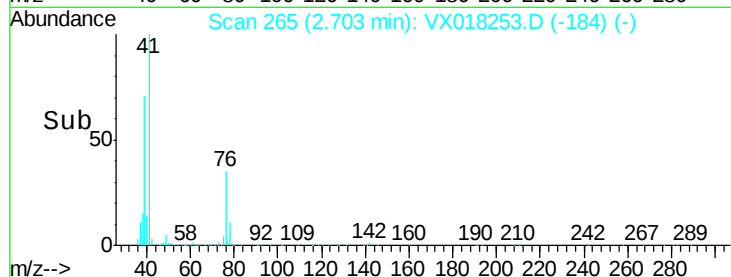
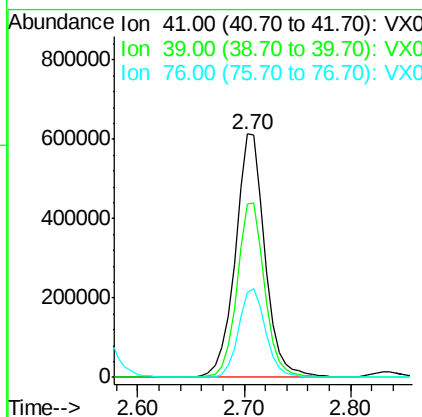
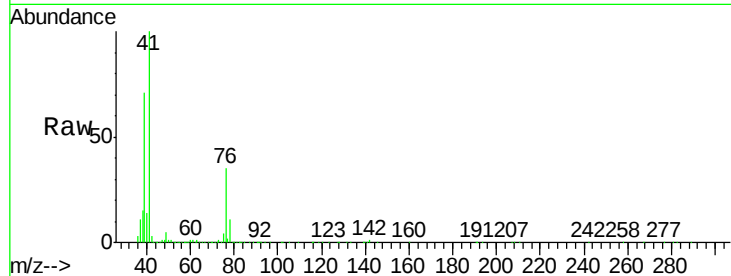




#17
 Allyl chloride
 Concen: 181.605 ug/l
 RT: 2.70 min Scan# 265
 Delta R.T. -0.01 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

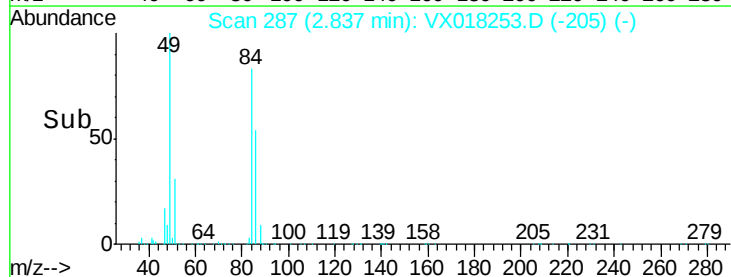
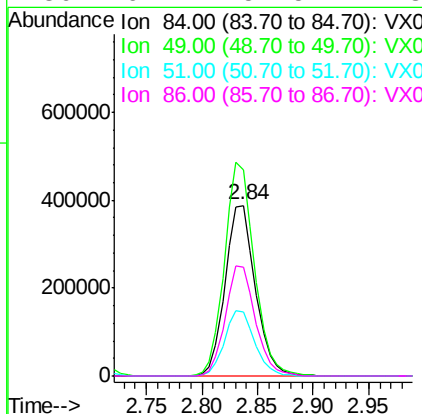
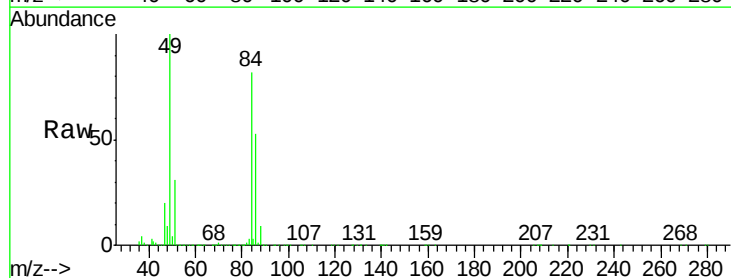
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

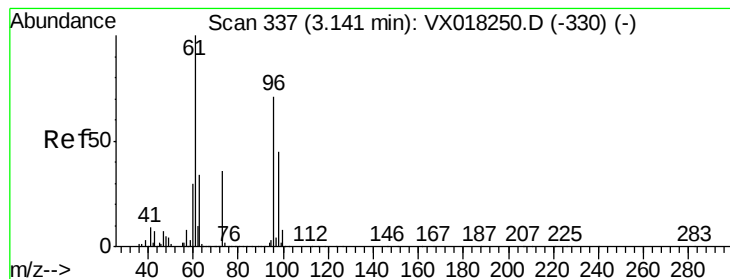
Tgt Ion: 41 Resp: 1195916
 Ion Ratio Lower Upper
 41 100
 39 71.0 36.0 108.1
 76 34.9 18.6 55.6



#18
 Methylene Chloride
 Concen: 175.551 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Tgt Ion: 84 Resp: 730158
 Ion Ratio Lower Upper
 84 100
 49 121.2 91.6 137.4
 51 37.3 29.4 44.0
 86 64.2 51.5 77.3





#19

trans-1,2-Dichloroethene

Concen: 189.908 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

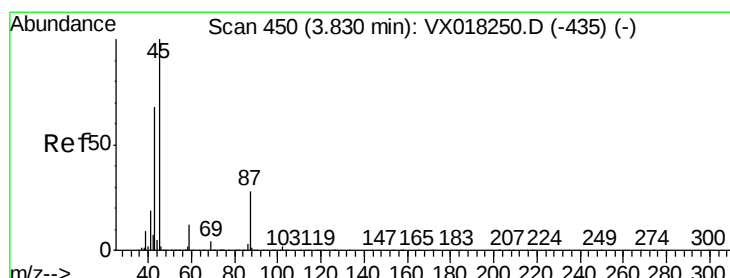
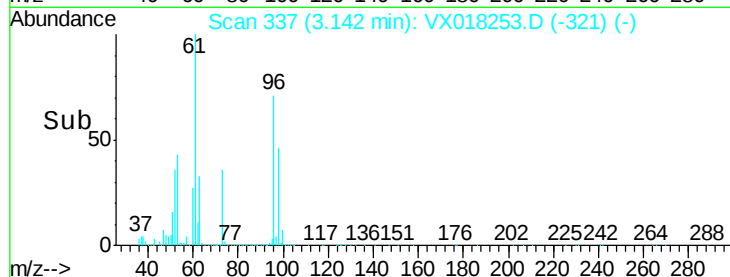
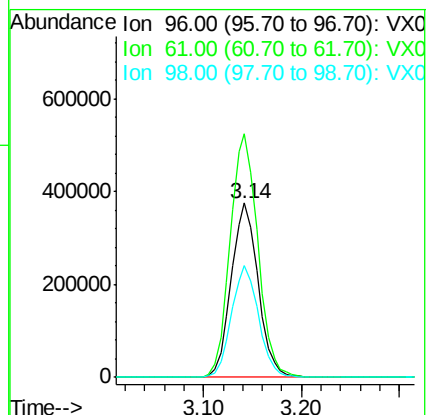
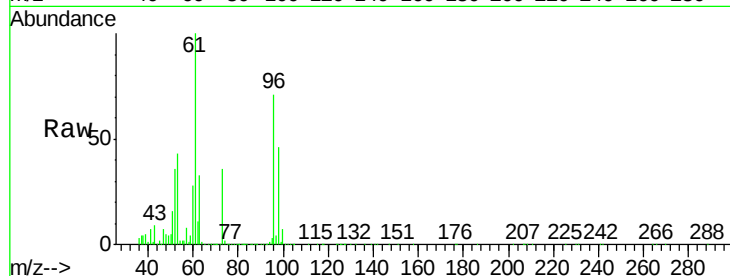
Tgt Ion: 96 Resp: 717679

Ion Ratio Lower Upper

96 100

61 140.0 112.8 169.2

98 64.0 51.0 76.4



#20

Diisopropyl ether

Concen: 175.046 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Tgt Ion: 45 Resp: 2306546

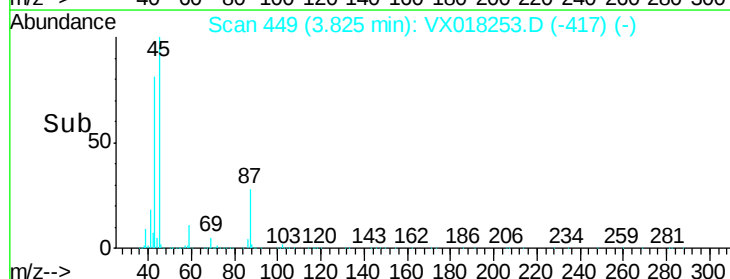
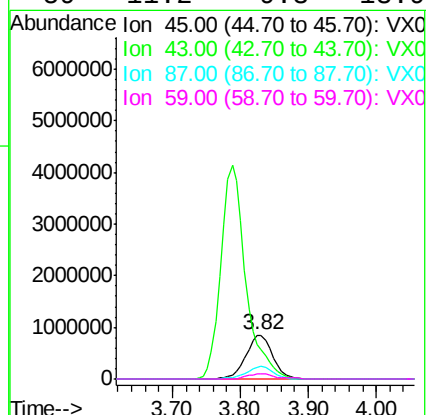
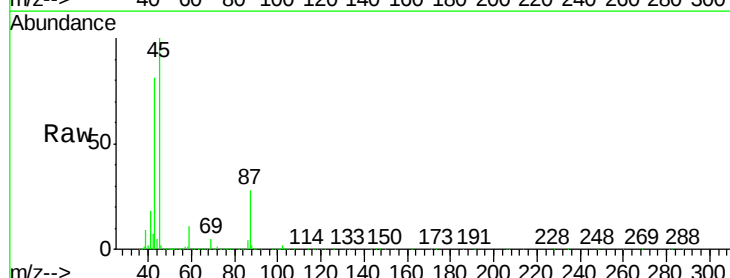
Ion Ratio Lower Upper

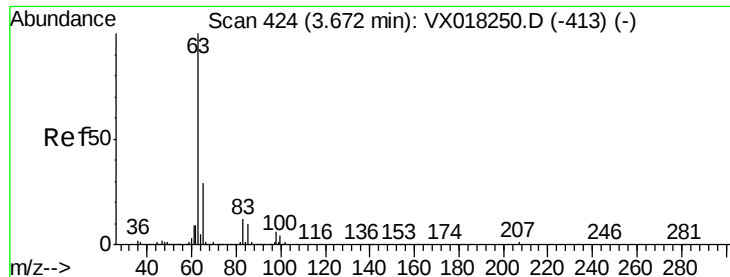
45 100

43 80.6 54.5 81.7

87 28.0 22.2 33.2

59 11.2 9.3 13.9





#21

1,1-Dichloroethane

Concen: 180.685 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

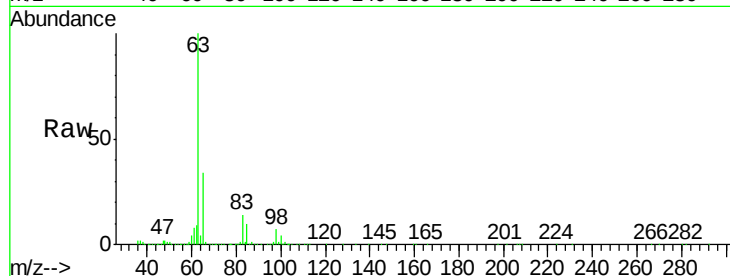
Tgt Ion: 63 Resp: 1301411

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

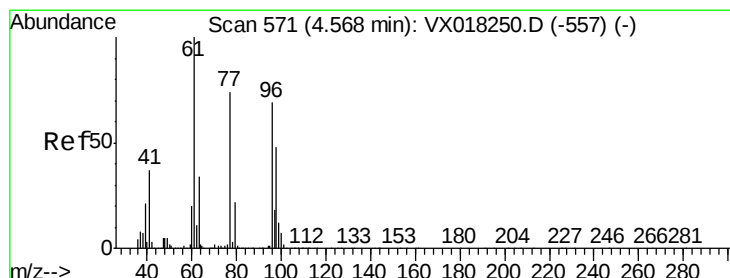
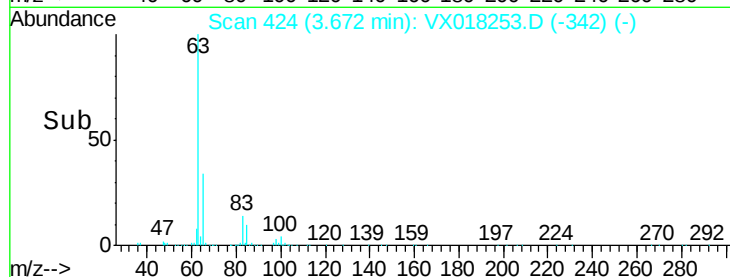
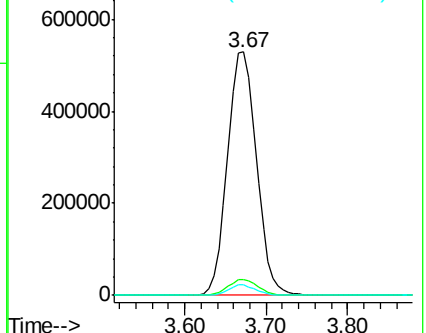
100 4.4 2.1 6.3



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 179.502 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

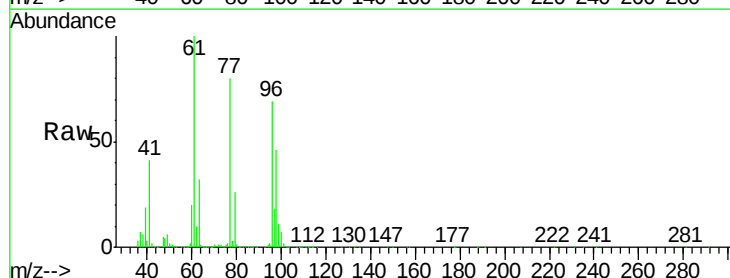
Tgt Ion: 96 Resp: 803002

Ion Ratio Lower Upper

96 100

61 152.1 116.2 174.4

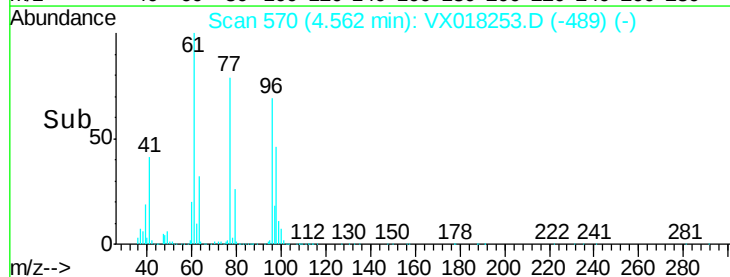
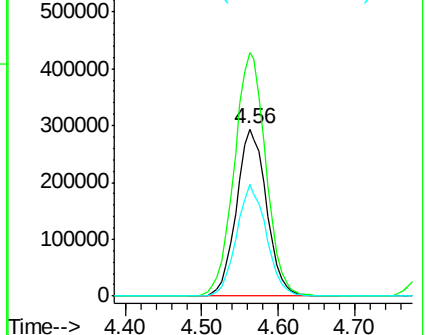
98 65.9 52.5 78.7

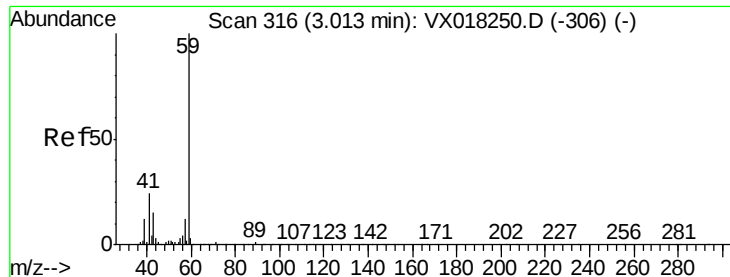


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



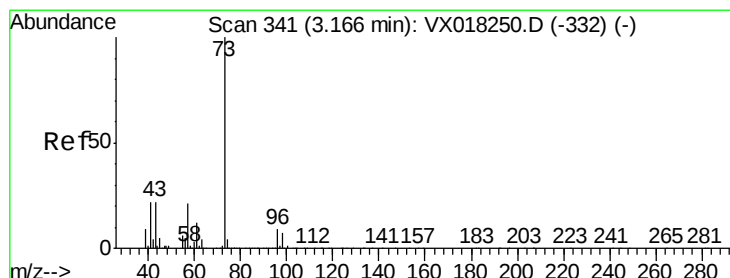
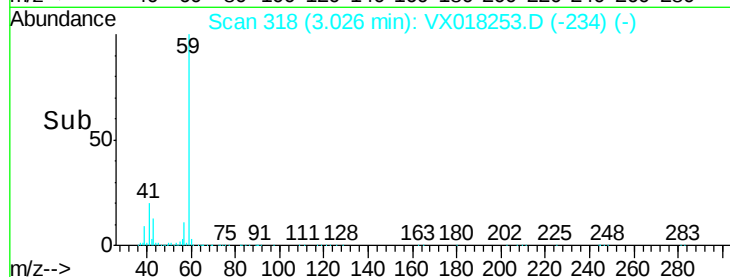
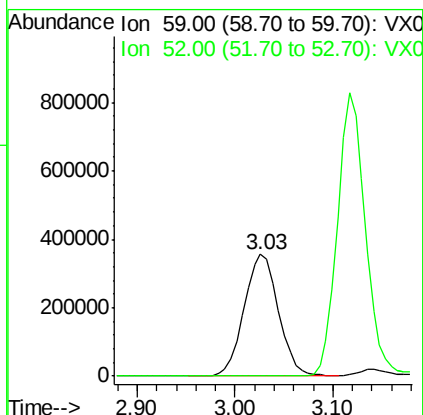
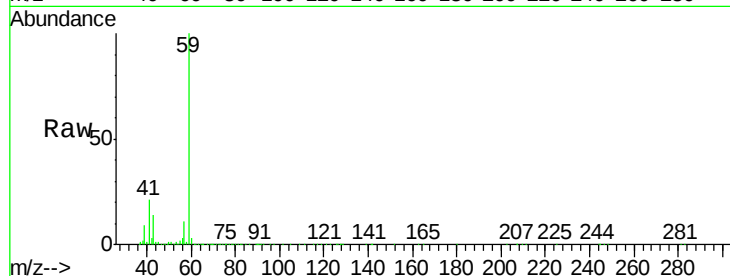


#23

tert-Butyl Alcohol
 Concen: 874.760 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

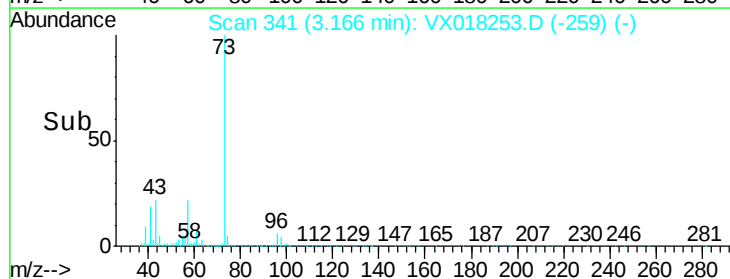
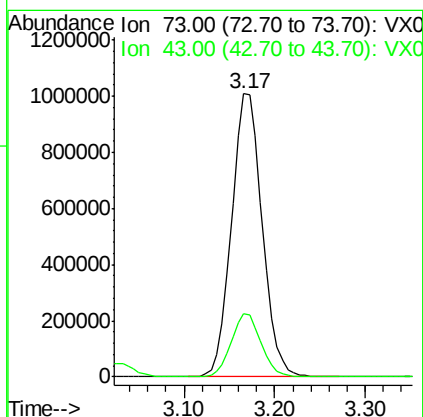
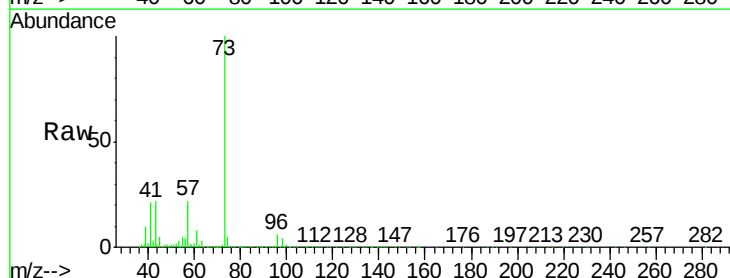
Tgt Ion: 59 Resp: 866444
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.4 0.6#

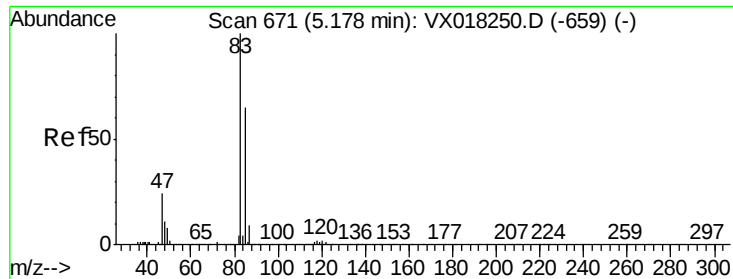


#24

Methyl tert-Butyl Ether
 Concen: 175.744 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Tgt Ion: 73 Resp: 2360389
 Ion Ratio Lower Upper
 73 100
 43 21.7 17.8 26.6

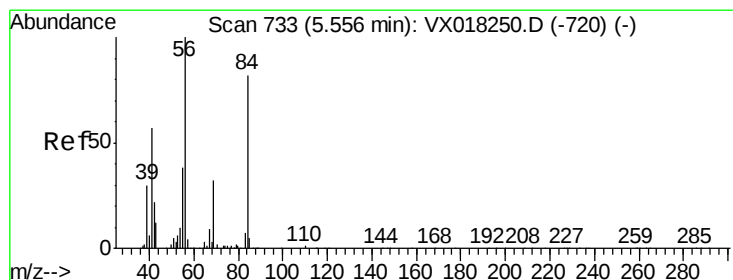
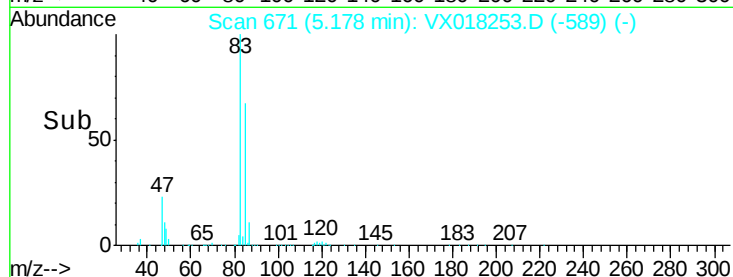
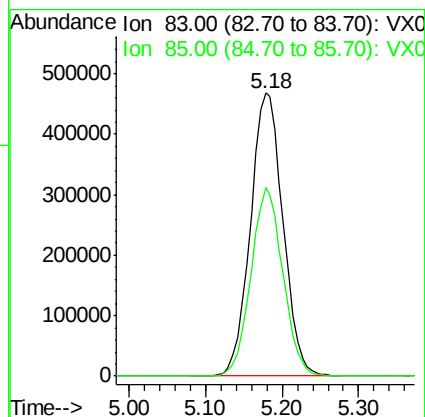
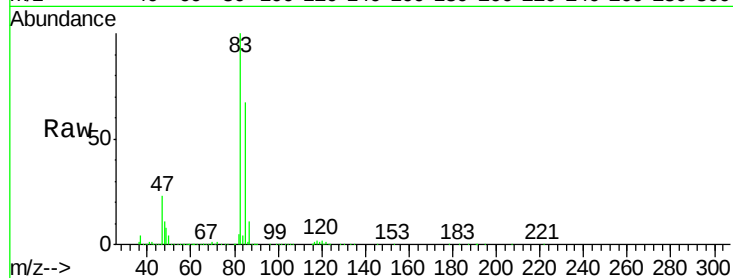




#25
Chloroform
Concen: 175.389 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

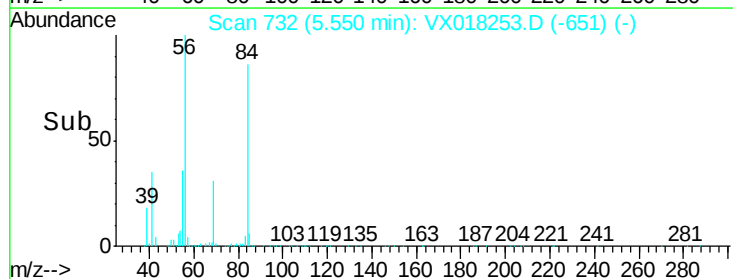
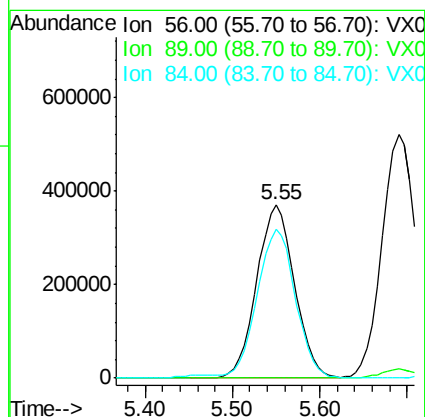
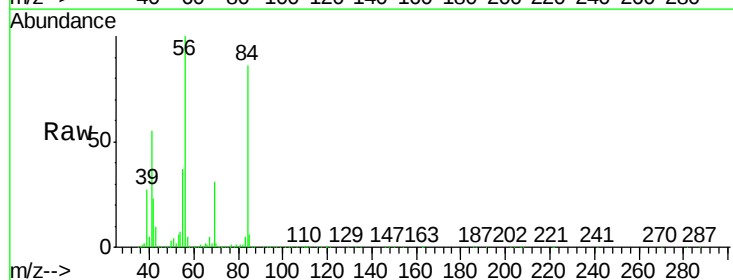
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

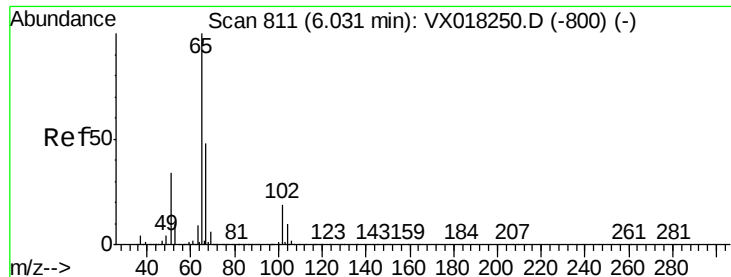
Tgt Ion: 83 Resp: 1385722
Ion Ratio Lower Upper
83 100
85 66.8 51.6 77.4



#26
Cyclohexane
Concen: 181.903 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion: 56 Resp: 1115416
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 87.2 41.0 61.4#





#27

1,2-Dichloroethane-d4

Concen: 28.919 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

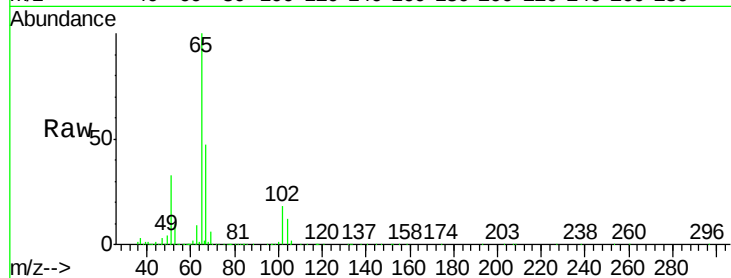
VSTDIC150

Tgt Ion: 65 Resp: 192055

Ion Ratio Lower Upper

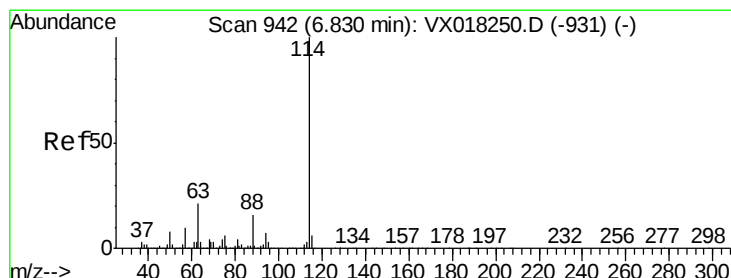
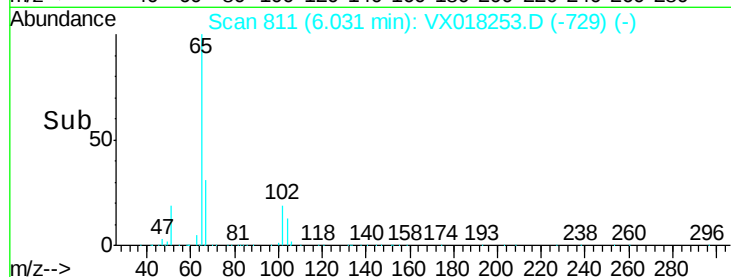
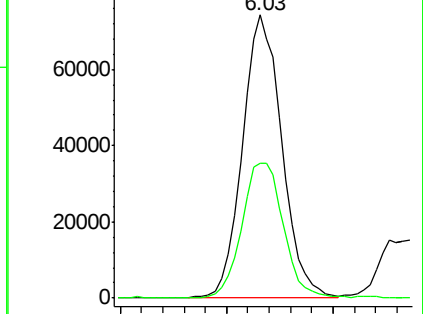
65 100

67 50.2 39.9 59.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

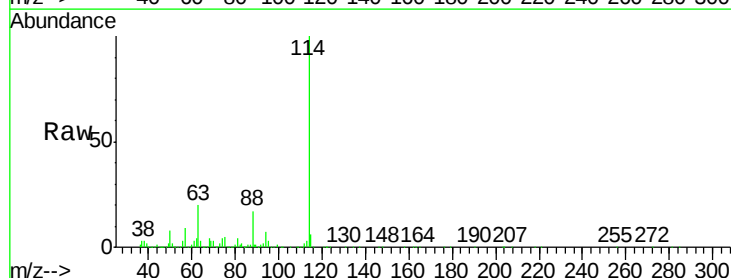
Tgt Ion: 114 Resp: 425840

Ion Ratio Lower Upper

114 100

63 20.8 16.7 25.1

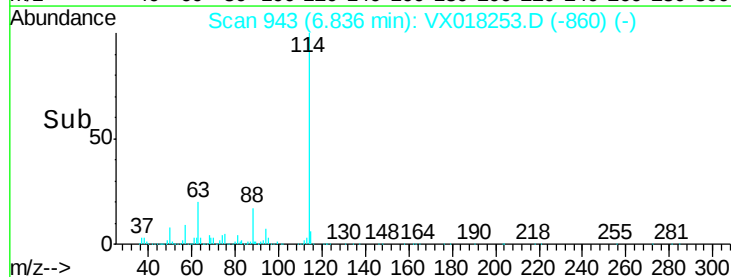
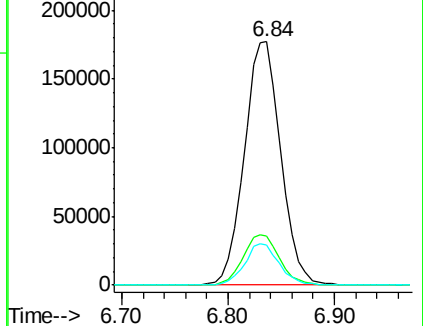
88 16.1 12.6 18.8

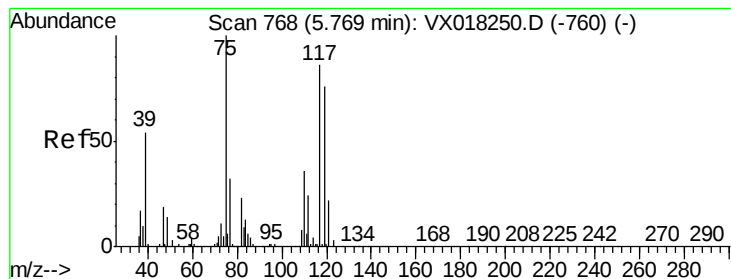


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 193.805 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

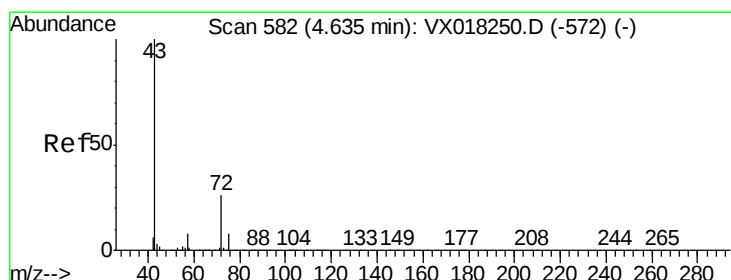
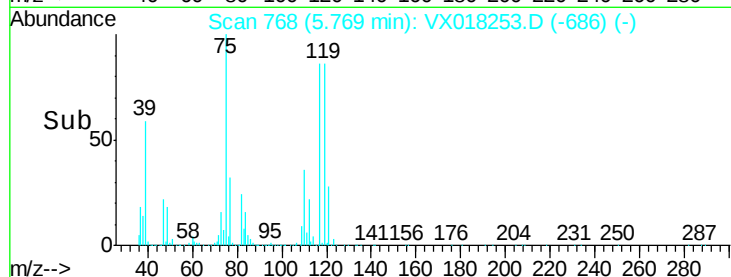
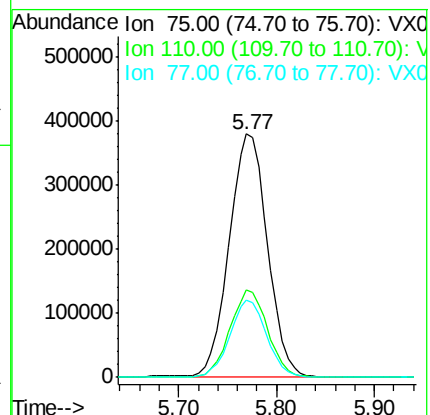
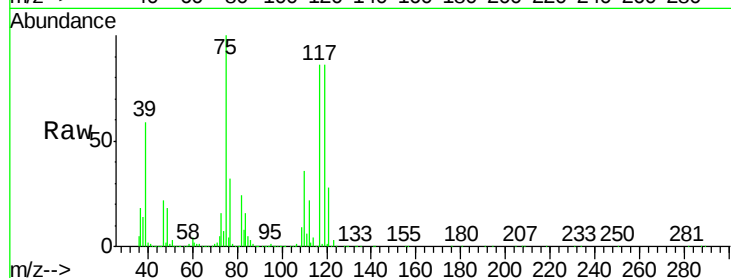
Tgt Ion: 75 Resp: 1027228

Ion Ratio Lower Upper

75 100

110 35.5 0.0 72.2

77 30.6 0.0 61.0



#30

2-Butanone

Concen: 955.343 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

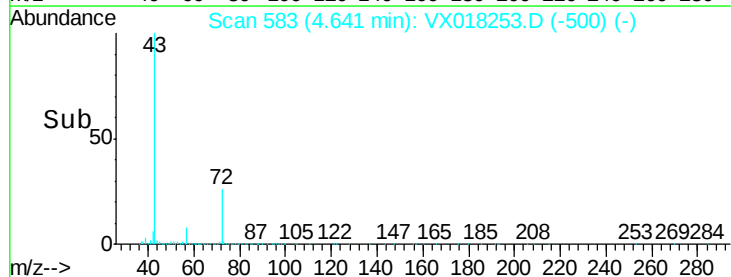
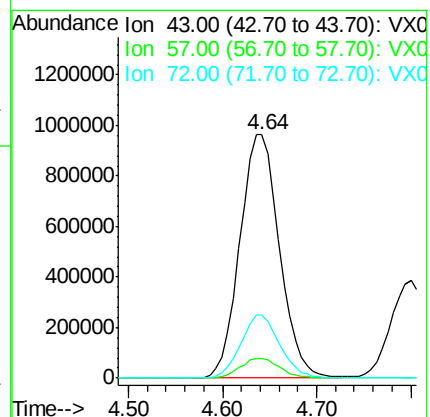
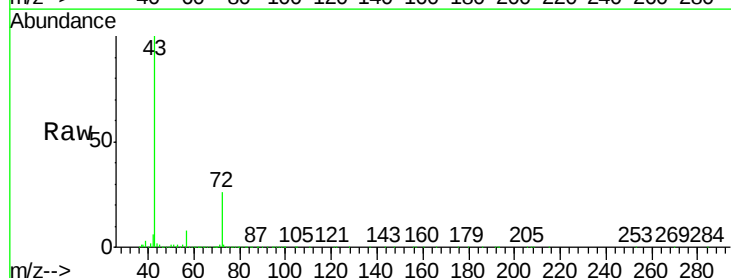
Tgt Ion: 43 Resp: 2822629

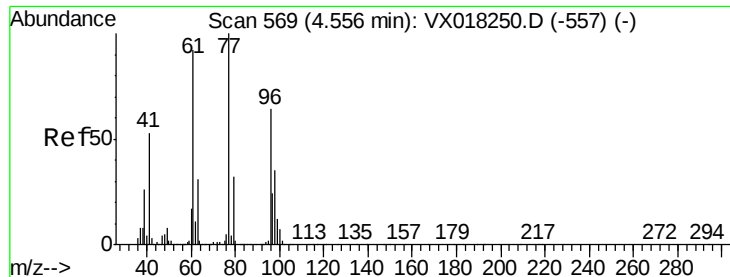
Ion Ratio Lower Upper

43 100

57 8.2 6.7 10.1

72 25.4 20.0 30.0





#31

2,2-Dichloropropane

Concen: 183.346 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

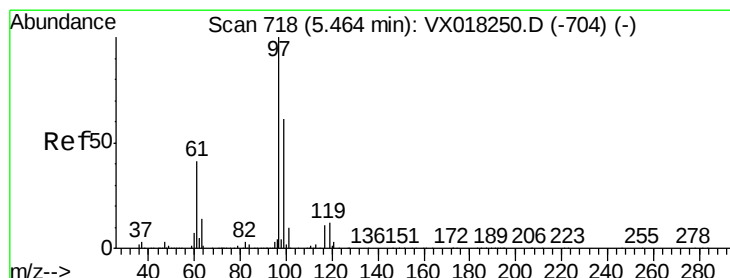
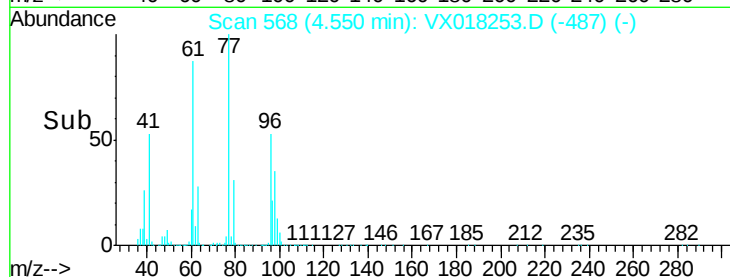
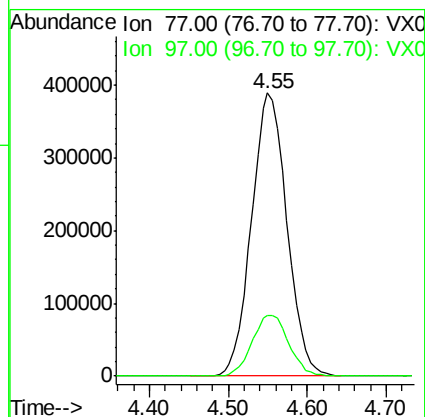
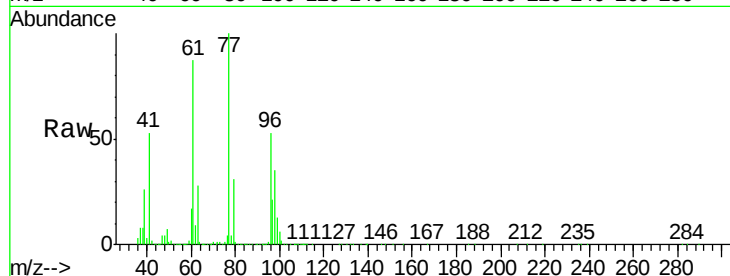
VSTDIC150

Tgt Ion: 77 Resp: 1214054

Ion Ratio Lower Upper

77 100

97 22.1 18.1 27.1



#32

1,1,1-Trichloroethane

Concen: 184.931 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

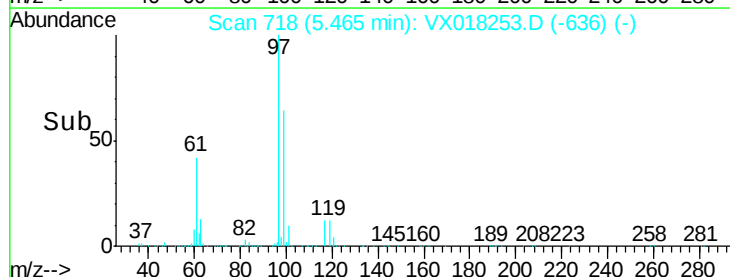
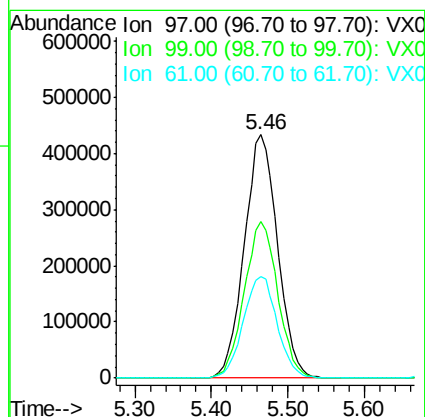
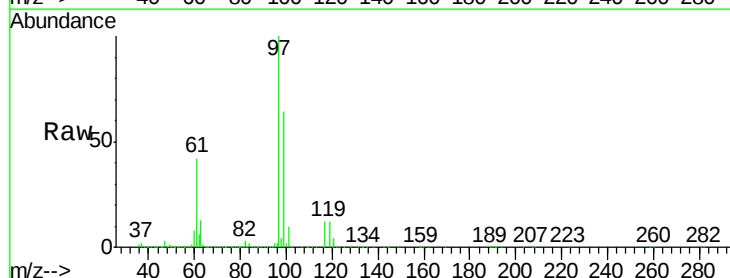
Tgt Ion: 97 Resp: 1313662

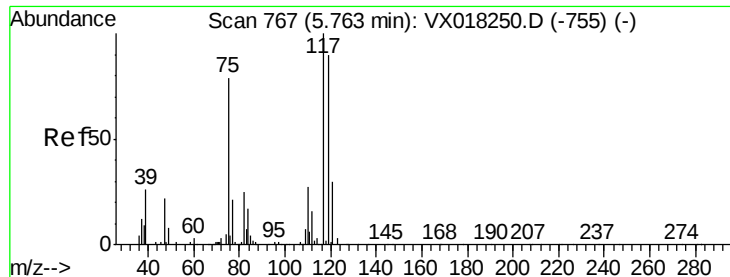
Ion Ratio Lower Upper

97 100

99 64.7 50.7 76.1

61 42.4 34.5 51.7





#33

Carbon Tetrachloride

Concen: 187.996 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

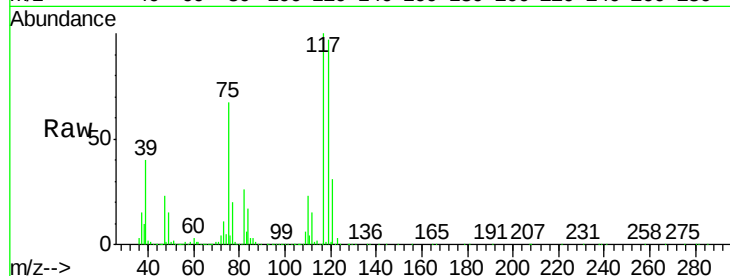
Tgt Ion:117 Resp: 1235744

Ion Ratio Lower Upper

117 100

119 97.0 72.3 108.5

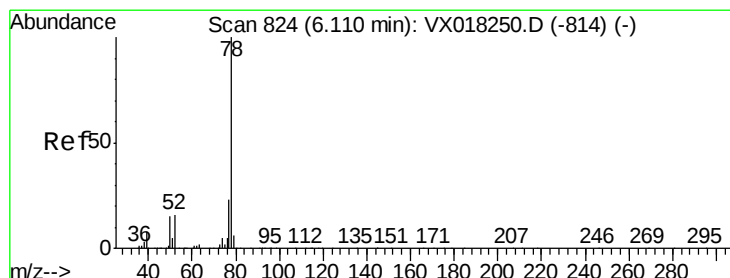
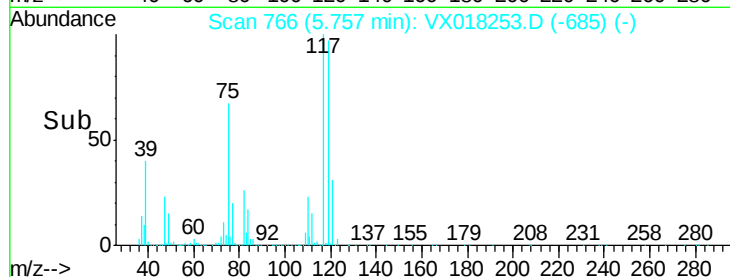
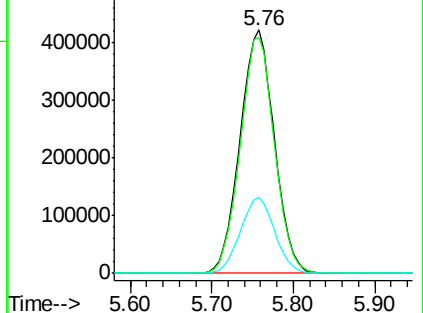
121 31.1 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 189.252 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

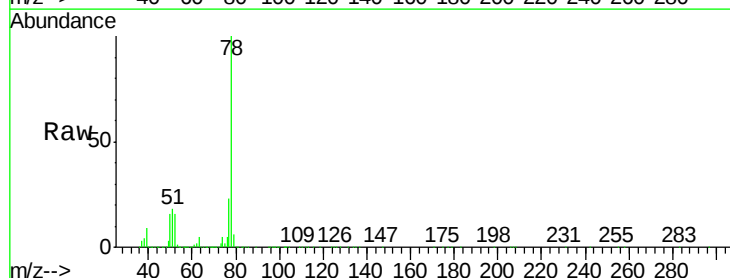
Tgt Ion: 78 Resp: 2863369

Ion Ratio Lower Upper

78 100

77 23.3 18.3 27.5

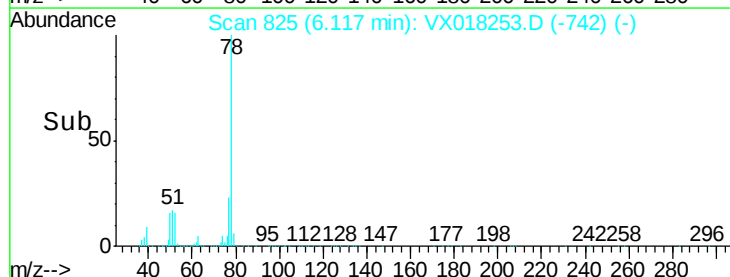
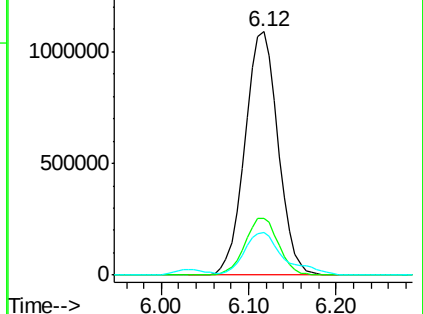
51 17.2 11.3 16.9#

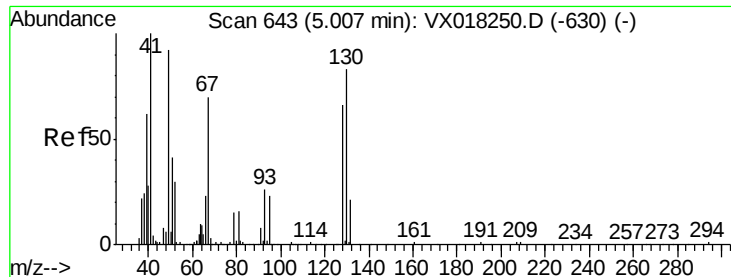


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

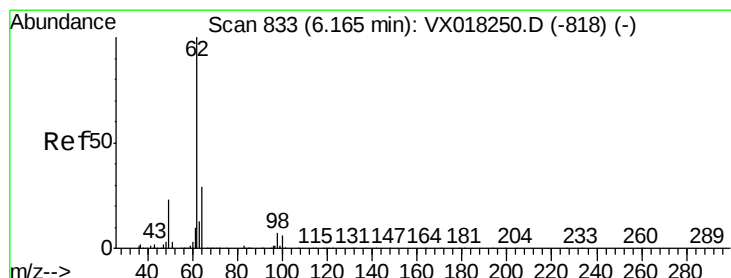
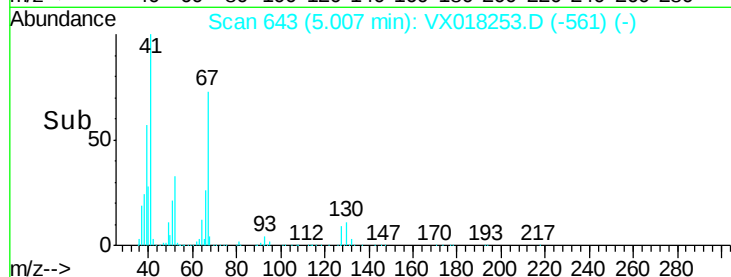
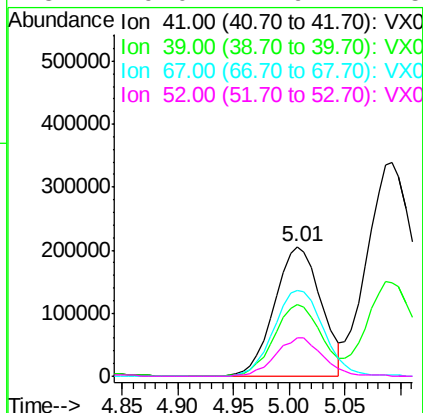
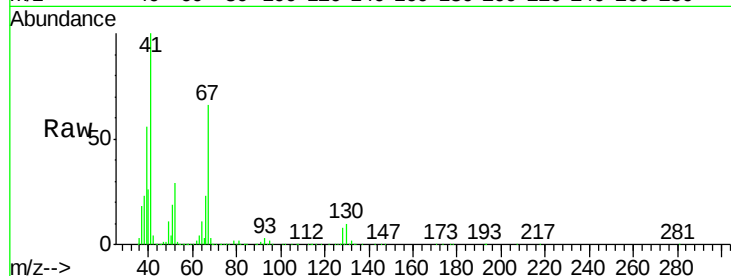




#35
Methacrylonitrile
Concen: 187.259 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

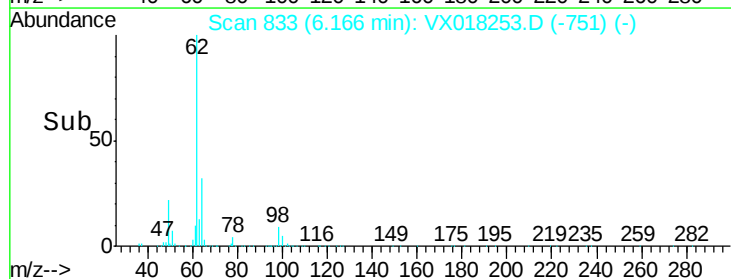
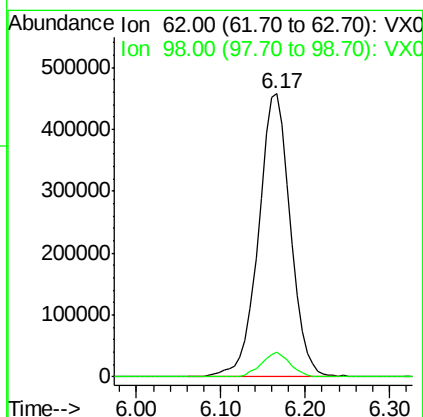
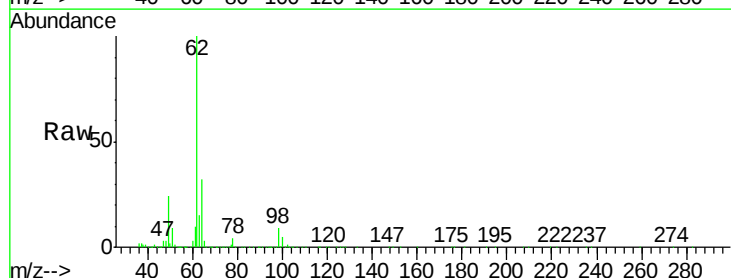
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

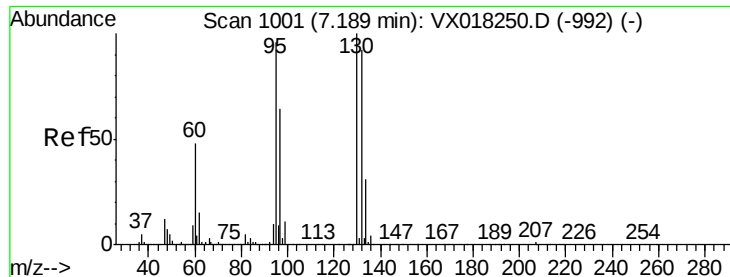
Tgt Ion:	41	Resp:	598231
Ion	Ratio	Lower	Upper
41	100		
39	55.3	31.3	93.9
67	65.9	35.4	106.2
52	29.0	14.9	44.5



#36
1,2-Dichloroethane
Concen: 187.866 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion:	62	Resp:	1191412
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	0.0#

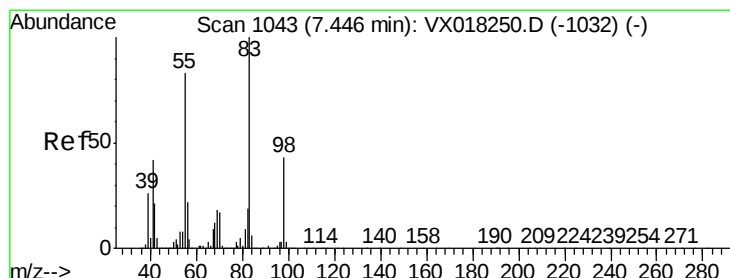
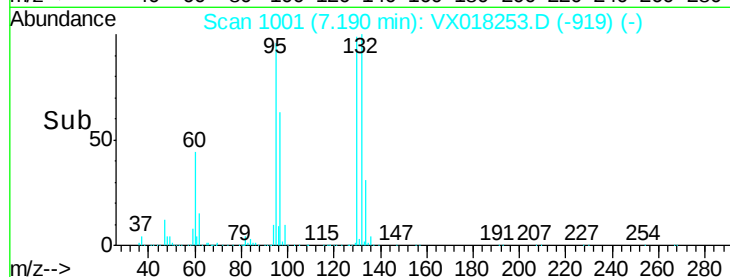
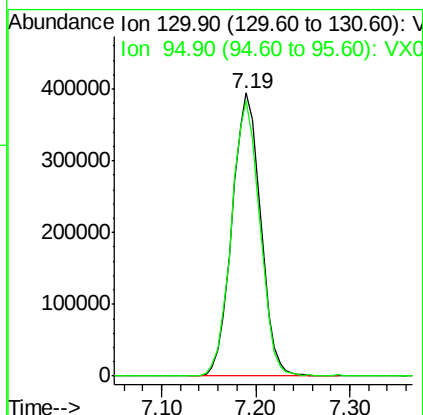
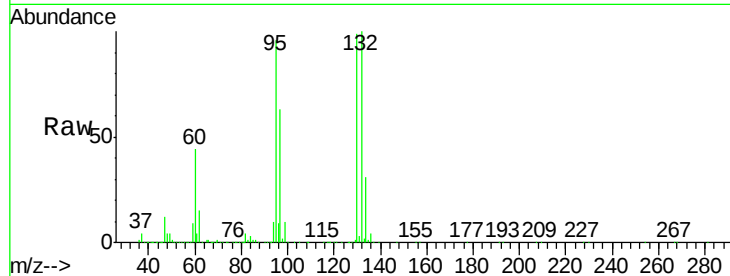




#37
 Trichloroethene
 Concen: 188.924 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

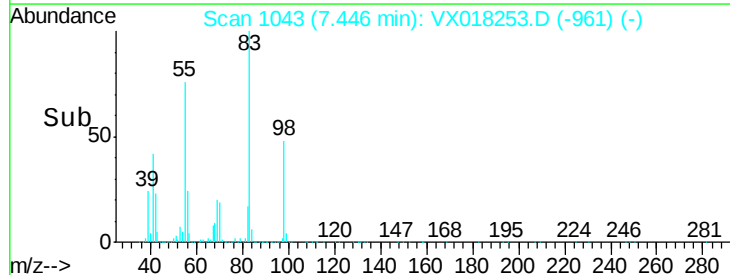
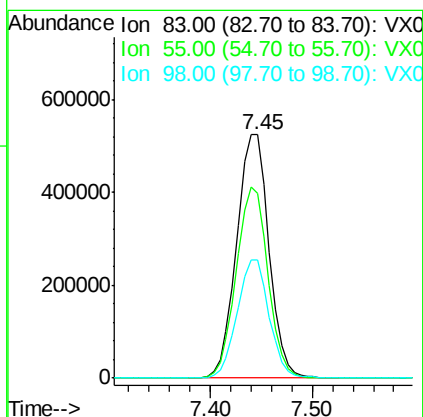
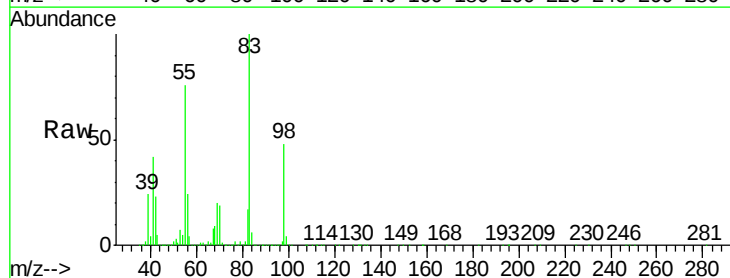
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

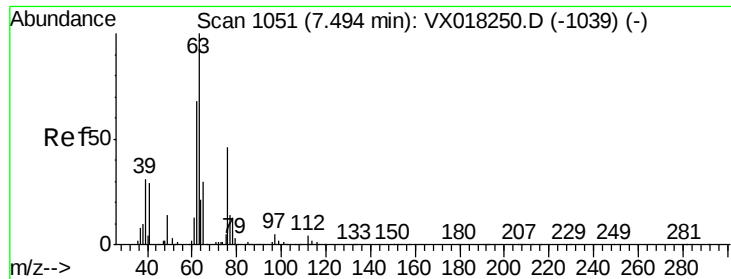
Tgt Ion: 130 Resp: 833994
 Ion Ratio Lower Upper
 130 100
 95 97.4 76.9 115.3



#38
 Methylcyclohexane
 Concen: 187.702 ug/l
 RT: 7.45 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Tgt Ion: 83 Resp: 1155993
 Ion Ratio Lower Upper
 83 100
 55 76.8 41.1 123.4
 98 48.0 24.0 72.0

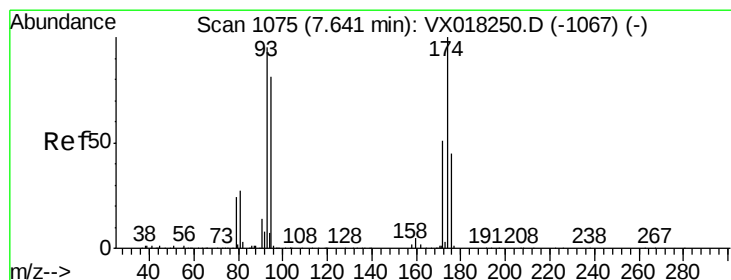
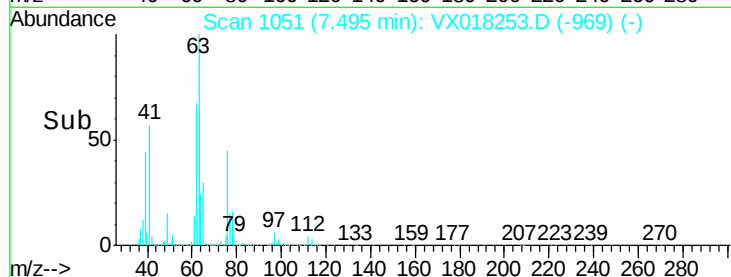
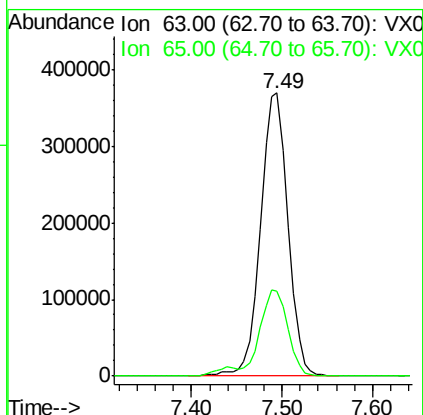
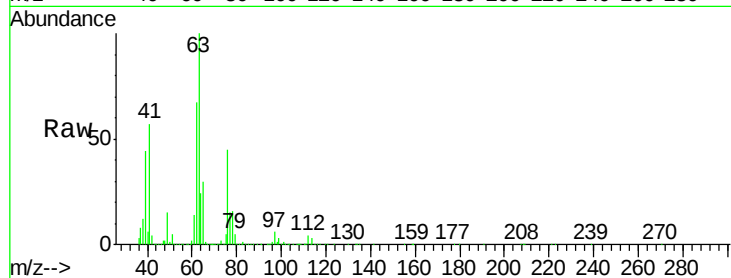




#39
 1,2-Dichloropropane
 Concen: 188.149 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

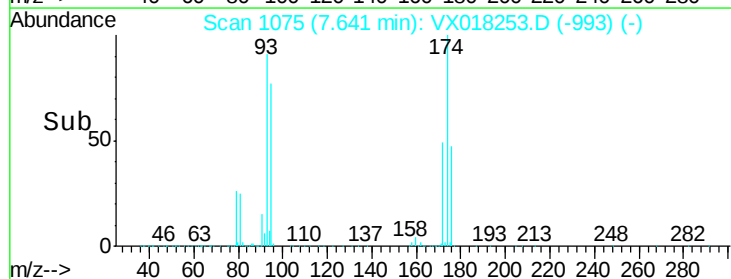
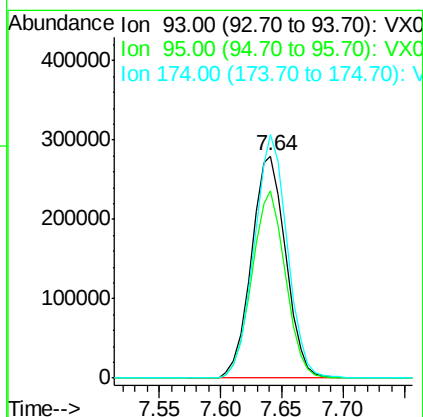
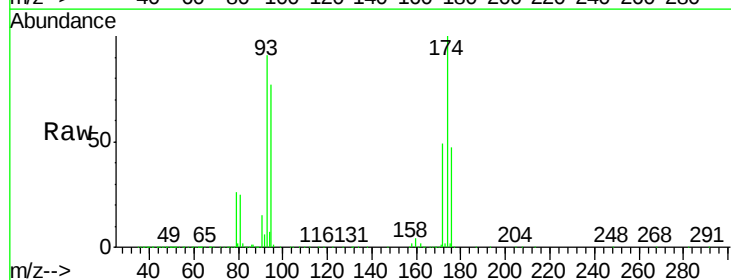
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

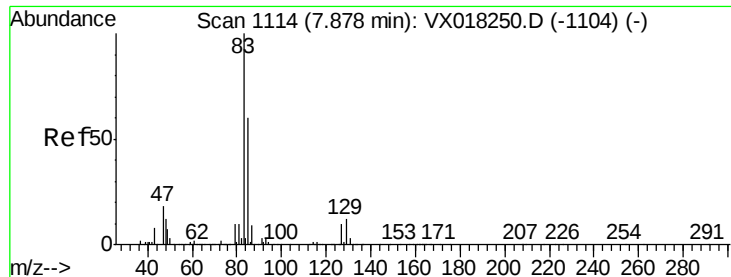
Tgt Ion: 63 Resp: 770016
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.7 38.5



#40
 Dibromomethane
 Concen: 187.165 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Tgt Ion: 93 Resp: 546931
 Ion Ratio Lower Upper
 93 100
 95 82.5 0.0 167.0
 174 106.1 0.0 202.0





#41

Bromodichloromethane

Concen: 182.449 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

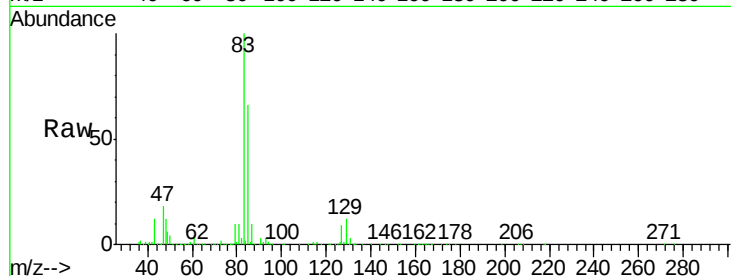
Tgt Ion: 83 Resp: 1153750

Ion Ratio Lower Upper

83 100

85 66.1 48.2 72.2

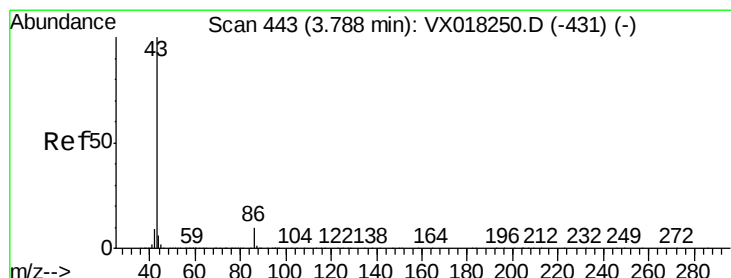
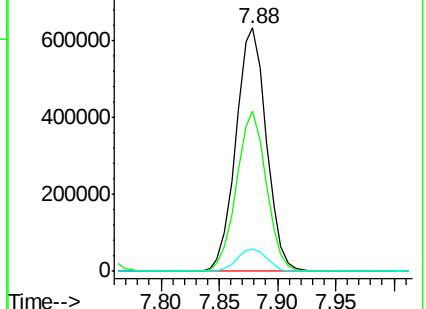
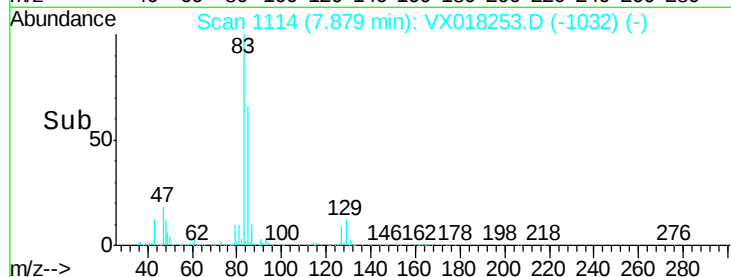
127 9.4 8.0 12.0



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



#42

Vinyl Acetate

Concen: 1033.696 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018253.D

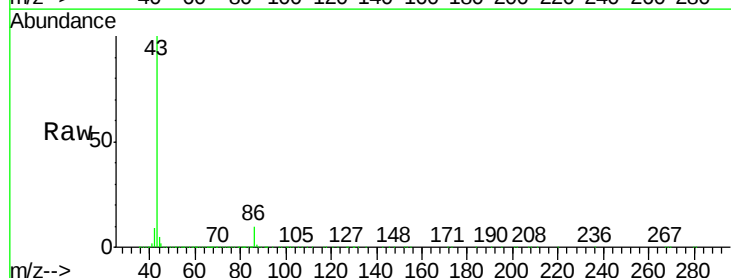
Acq: 04 Sep 2020 11:48

Tgt Ion: 43 Resp: 10559422

Ion Ratio Lower Upper

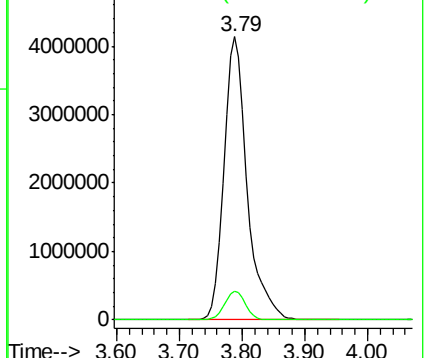
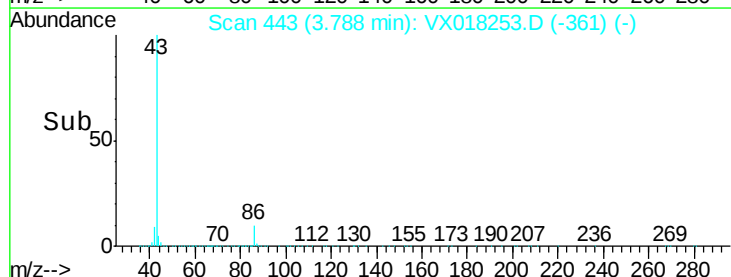
43 100

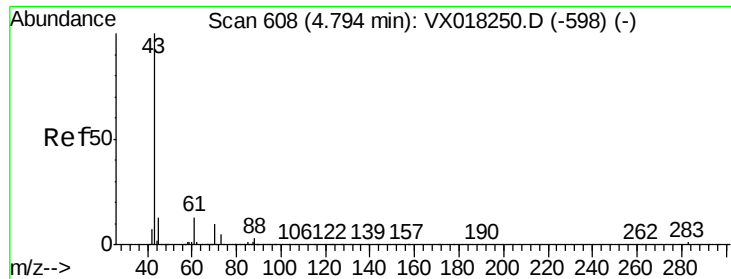
86 9.2 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 197.615 ug/l

RT: 4.80 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

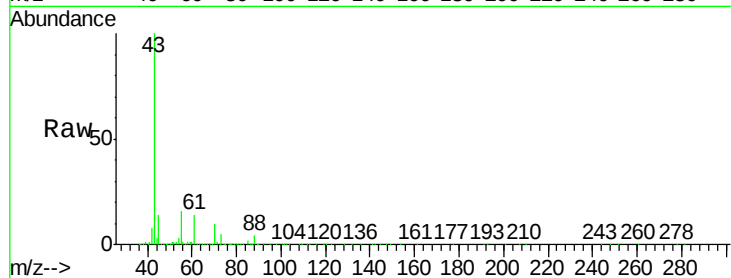
VSTDIC150

Tgt Ion: 43 Resp: 1118159

Ion Ratio Lower Upper

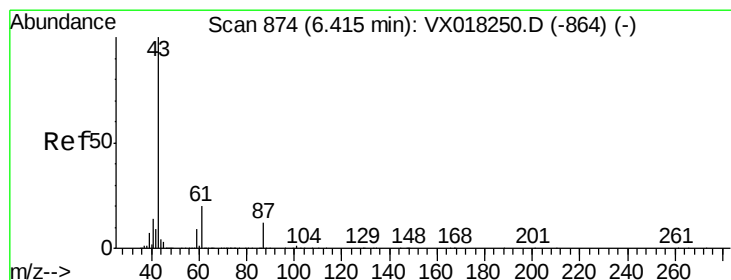
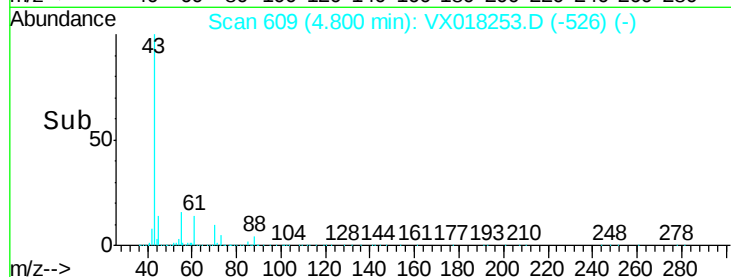
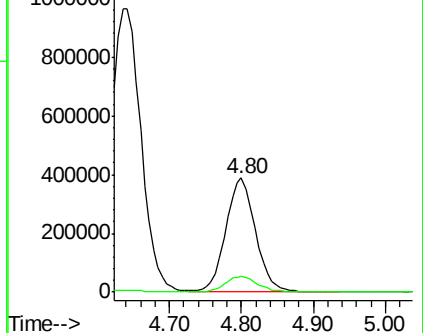
43 100

45 14.5 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 191.283 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018253.D

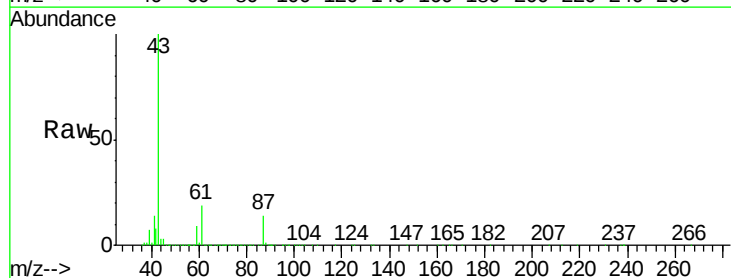
Acq: 04 Sep 2020 11:48

Tgt Ion: 43 Resp: 1843867

Ion Ratio Lower Upper

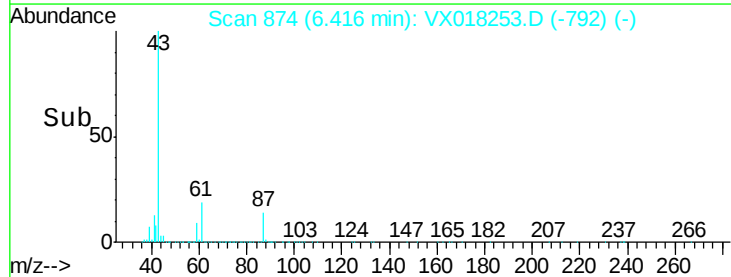
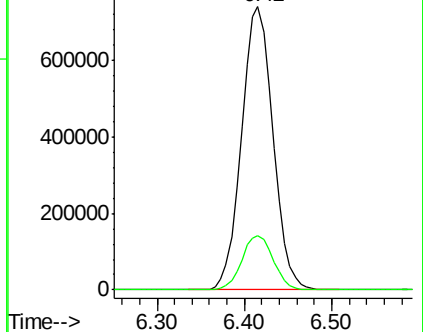
43 100

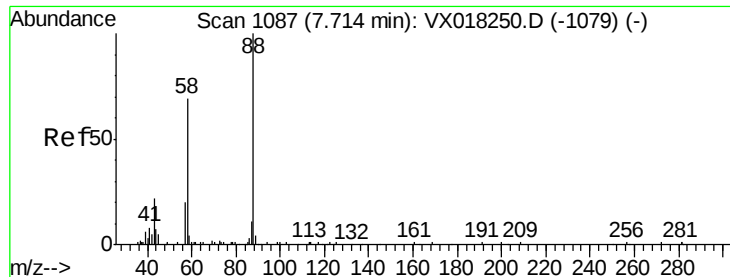
61 19.3 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 3513.463 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

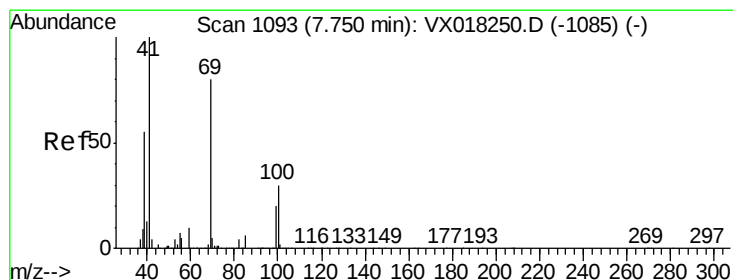
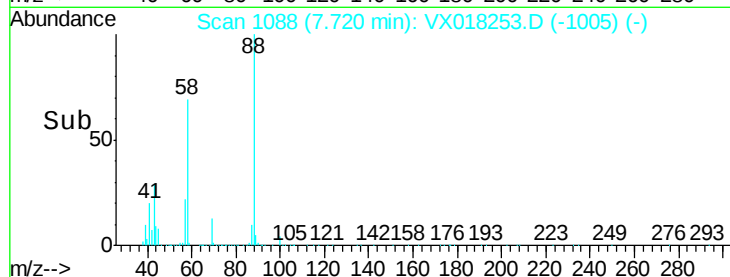
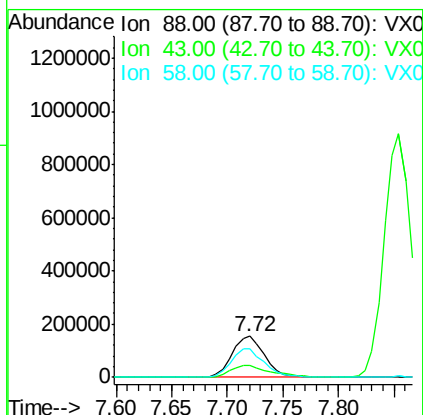
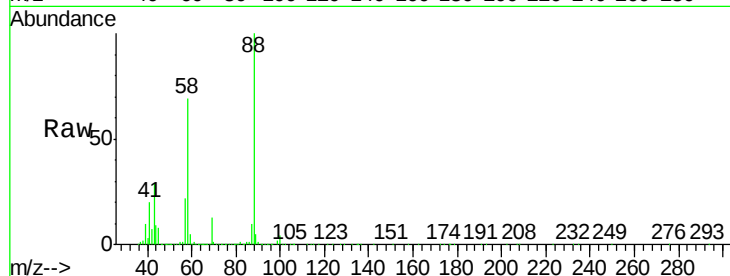
Tgt Ion: 88 Resp: 314774

Ion Ratio Lower Upper

88 100

43 35.7 13.6 20.4#

58 70.7 58.2 87.4



#46

Methyl methacrylate

Concen: 199.440 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

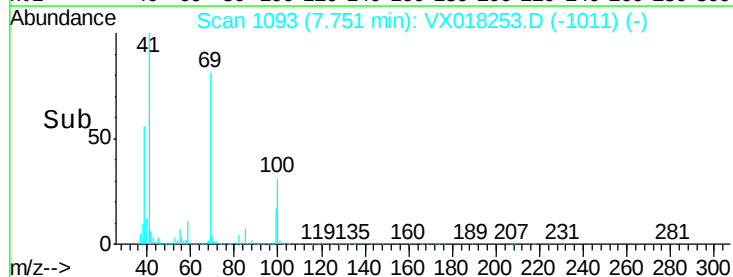
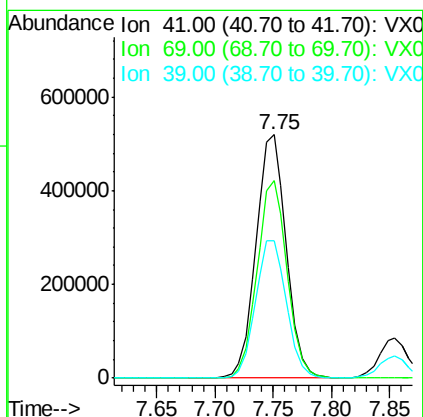
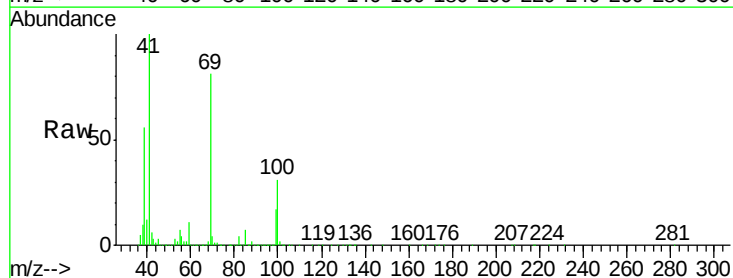
Tgt Ion: 41 Resp: 937876

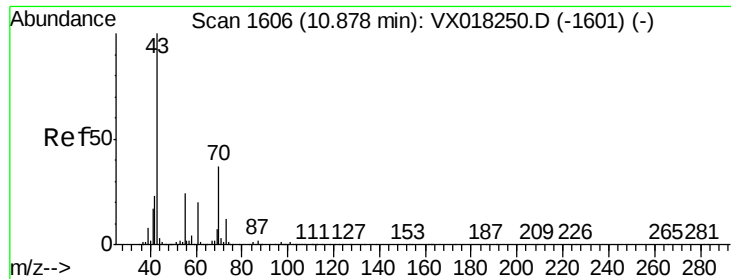
Ion Ratio Lower Upper

41 100

69 81.1 40.3 120.8

39 56.2 27.3 81.9

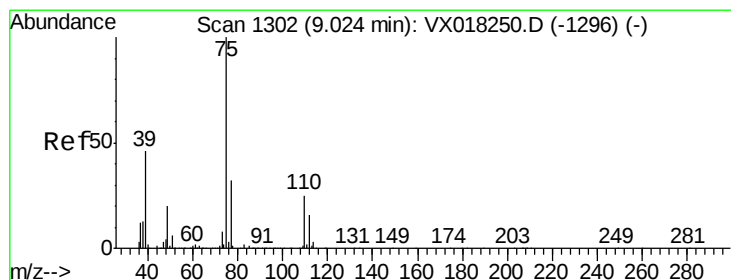
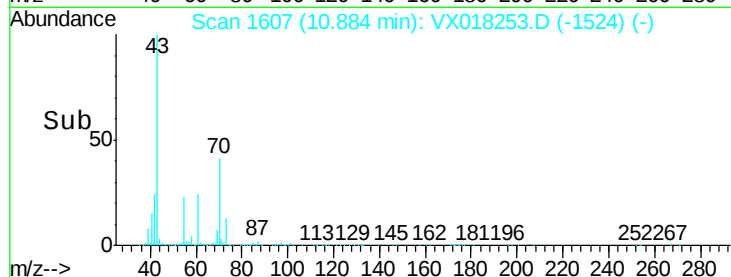
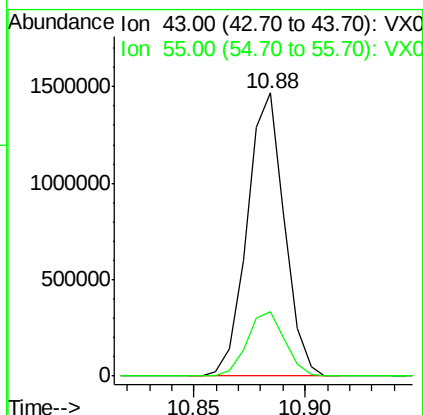
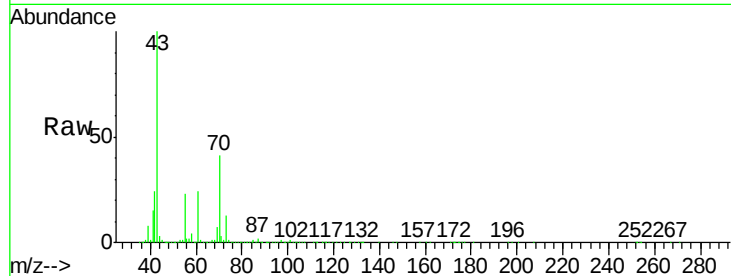




#47
n-amy1 Acetate
Concen: 213.581 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

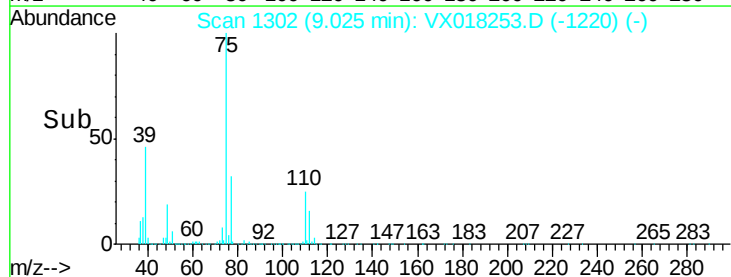
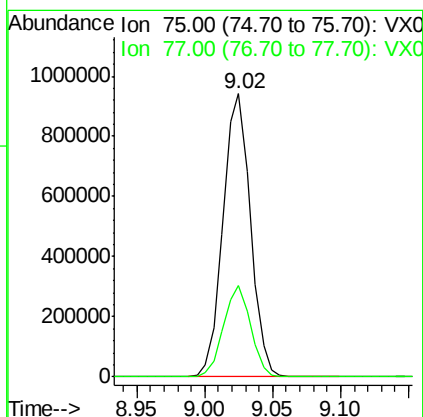
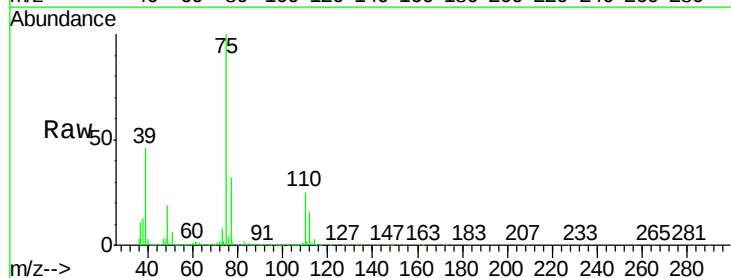
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

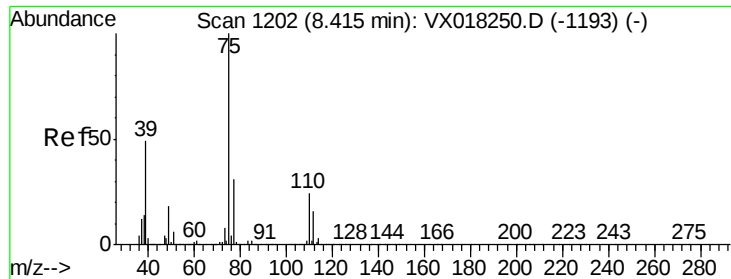
Tgt Ion: 43 Resp: 1707790
Ion Ratio Lower Upper
43 100
55 23.1 18.9 28.3



#48
t-1,3-Dichloropropene
Concen: 194.730 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion: 75 Resp: 1319891
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2



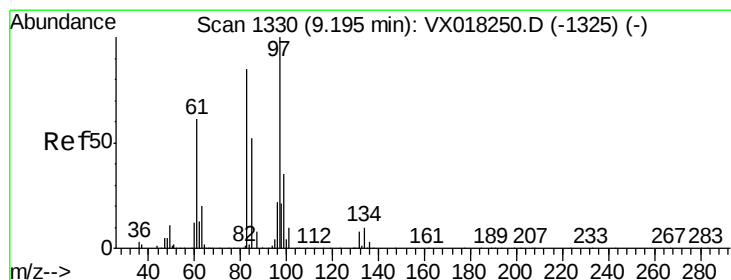
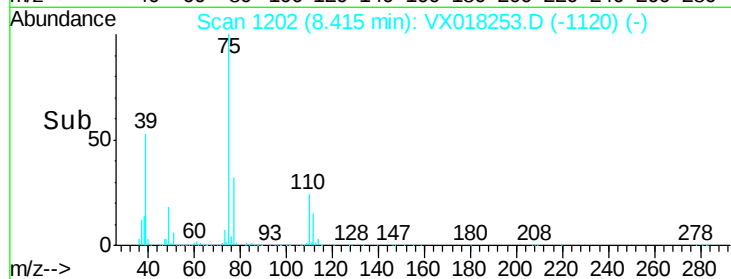
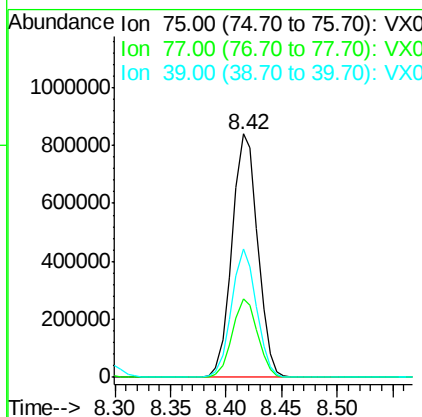
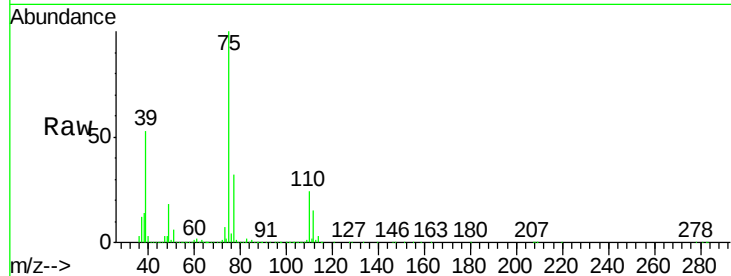


#49

cis-1,3-Dichloropropene
 Concen: 183.655 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

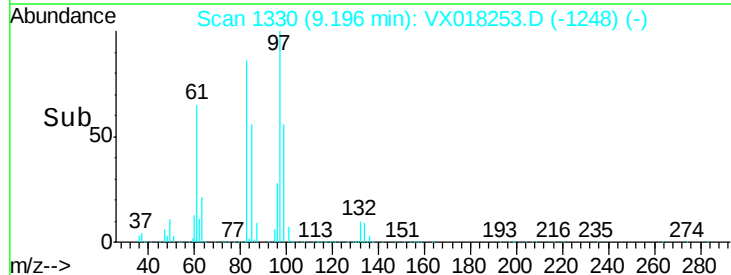
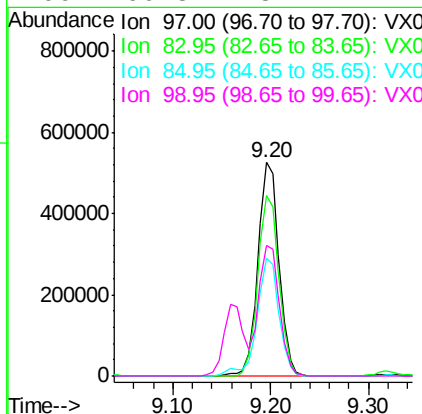
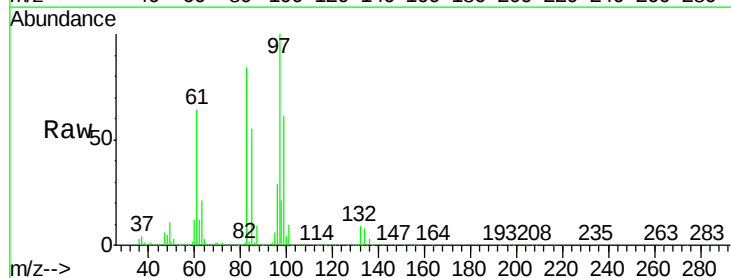
Tgt Ion: 75 Resp: 1342657
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.7 37.1
 39 52.9 39.6 59.4

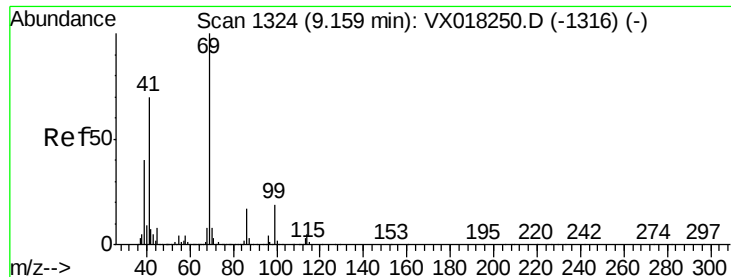


#50

1,1,2-Trichloroethane
 Concen: 191.159 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Tgt Ion: 97 Resp: 782953
 Ion Ratio Lower Upper
 97 100
 83 84.5 68.1 102.1
 85 55.2 42.6 64.0
 99 60.8 48.2 72.2





#51

Ethyl methacrylate

Concen: 207.758 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

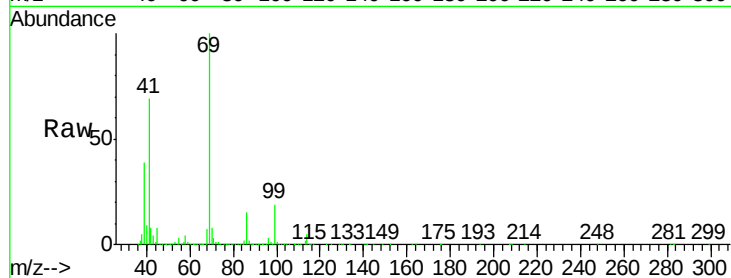
Tgt Ion: 69 Resp: 1248627

Ion Ratio Lower Upper

69 100

41 68.9 34.9 104.7

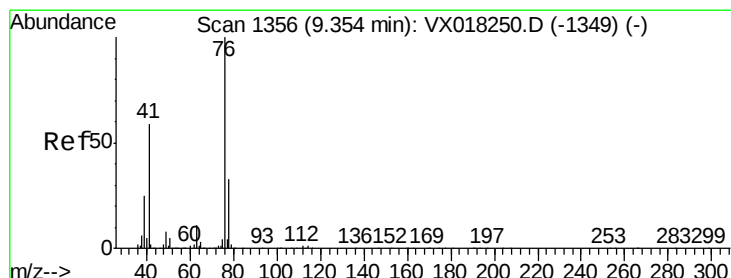
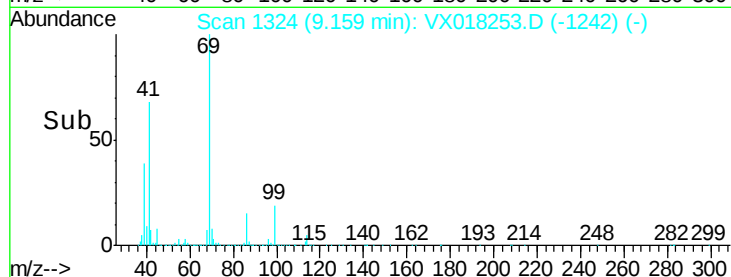
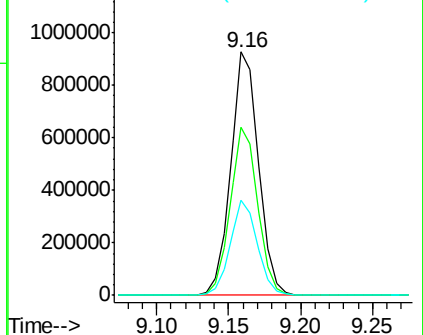
39 39.1 19.8 59.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 192.646 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018253.D

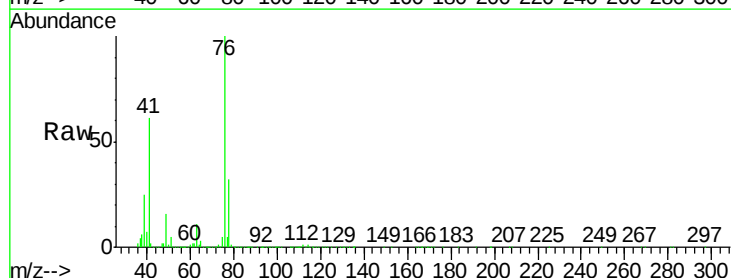
Acq: 04 Sep 2020 11:48

Tgt Ion: 76 Resp: 1304069

Ion Ratio Lower Upper

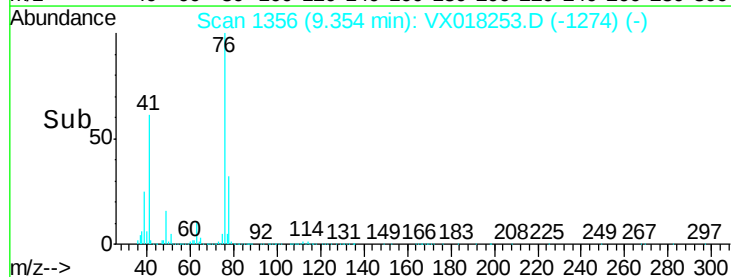
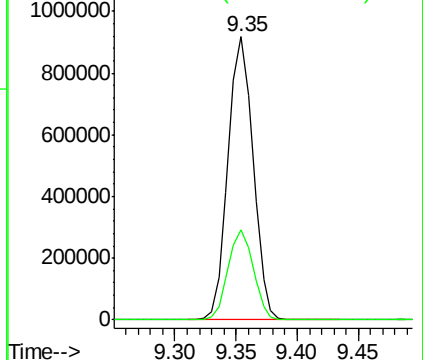
76 100

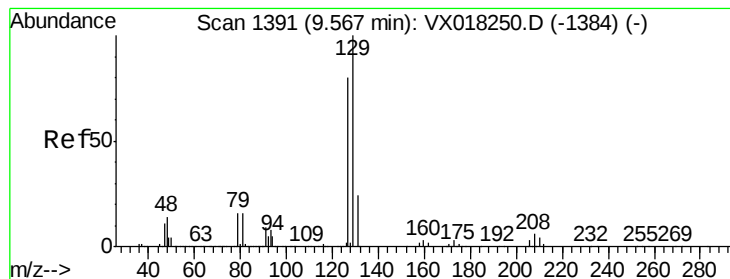
78 32.0 0.0 62.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 191.510 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

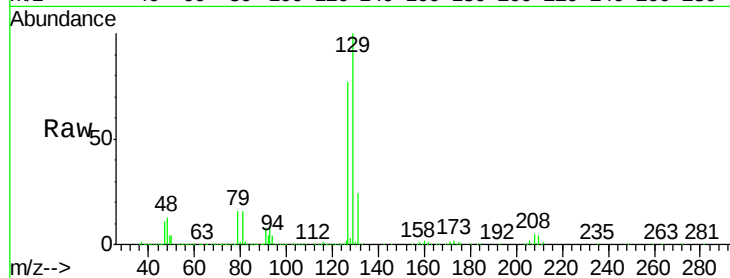
VSTDIC150

Tgt Ion:129 Resp: 1002570

Ion Ratio Lower Upper

129 100

127 77.3 38.9 116.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

800000

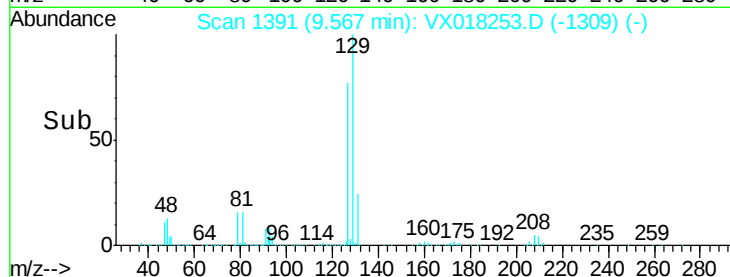
600000

400000

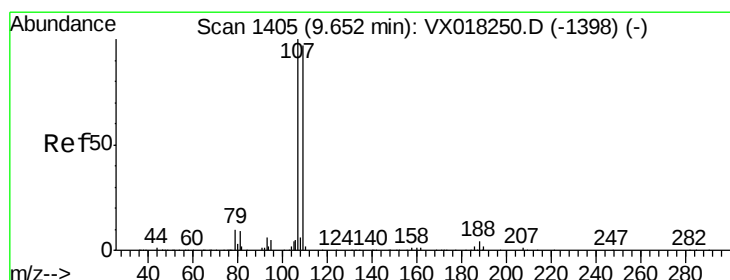
200000

0

9.50 9.55 9.60 9.65



Time-->



#54

1,2-Dibromoethane

Concen: 193.165 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX018253.D

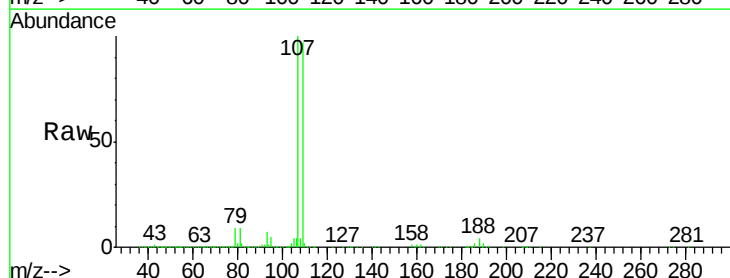
Acq: 04 Sep 2020 11:48

Tgt Ion:107 Resp: 872770

Ion Ratio Lower Upper

107 100

109 94.9 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

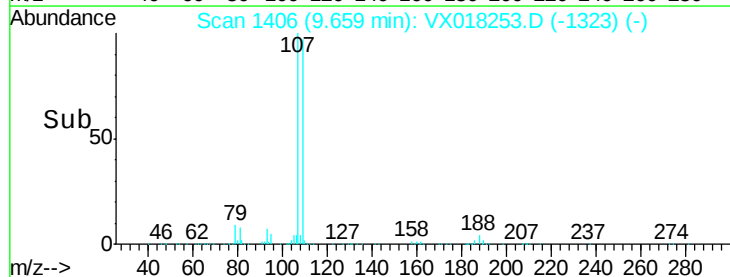
600000

400000

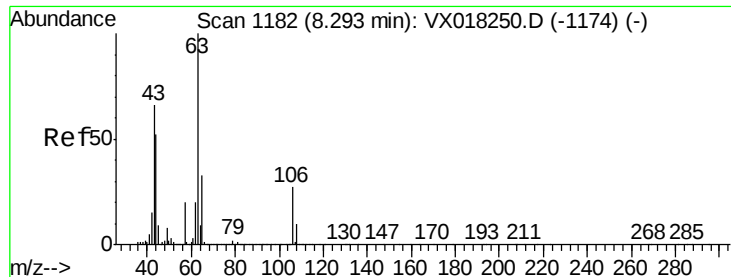
200000

0

9.55 9.60 9.65 9.70 9.75



Time-->



#55

2-Chloroethyl vinyl ether

Concen: 982.378 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

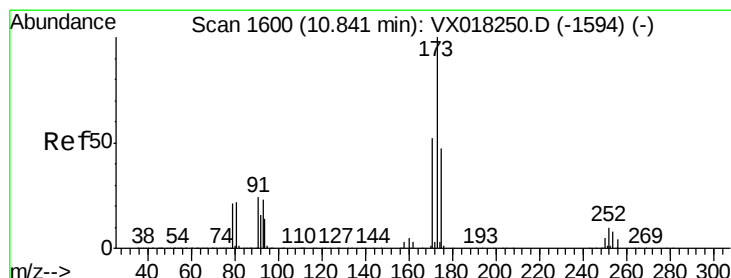
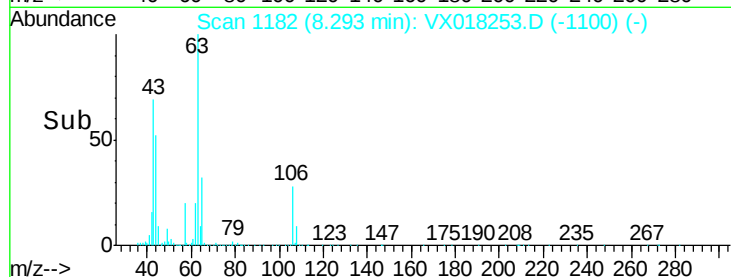
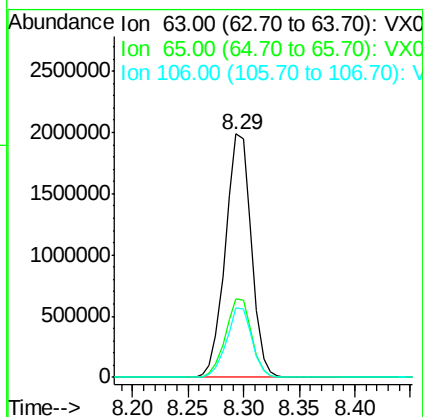
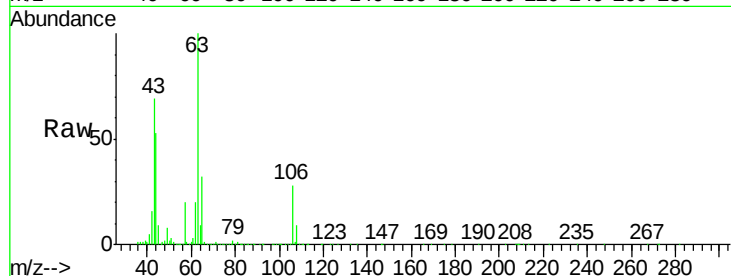
Tgt Ion: 63 Resp: 3195539

Ion Ratio Lower Upper

63 100

65 32.1 26.0 39.0

106 27.9 22.3 33.5



#56

Bromoform

Concen: 191.979 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

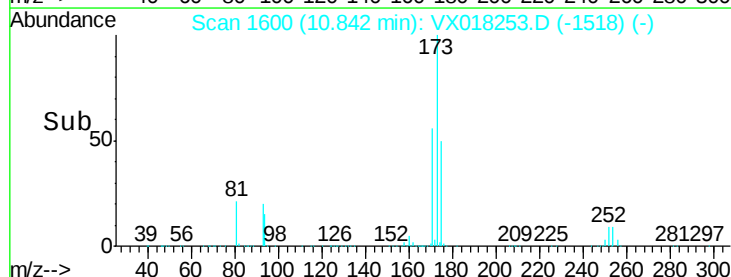
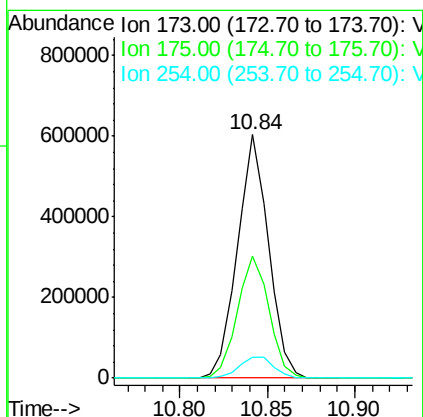
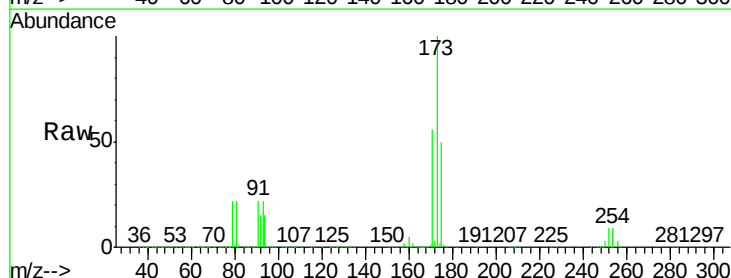
Tgt Ion: 173 Resp: 745496

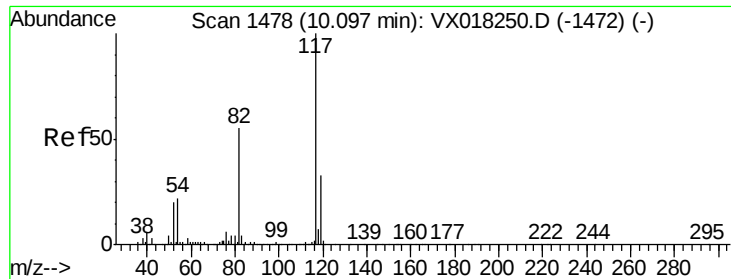
Ion Ratio Lower Upper

173 100

175 51.0 40.2 60.2

254 9.7 7.3 10.9

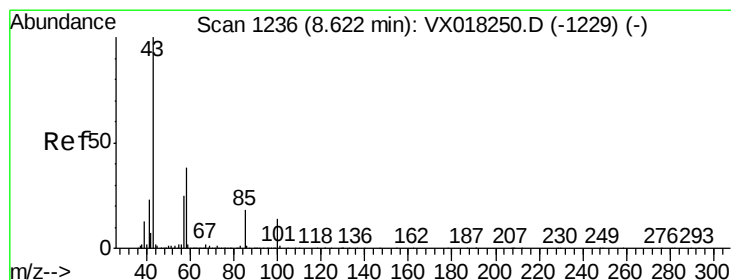
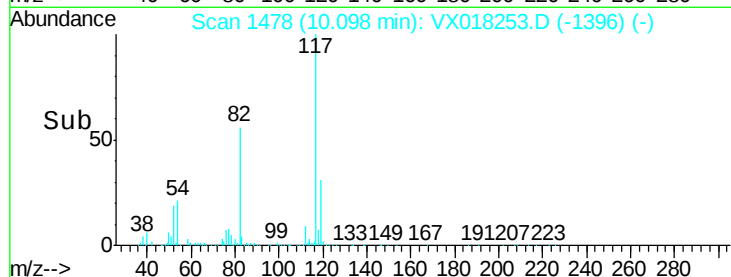
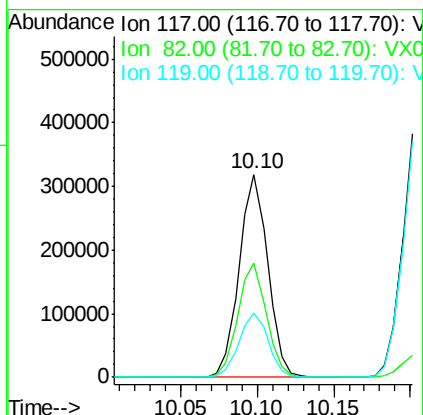
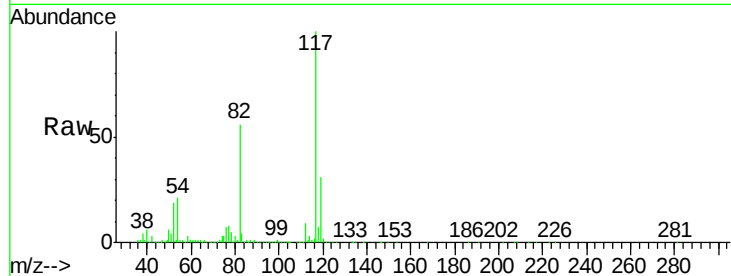




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

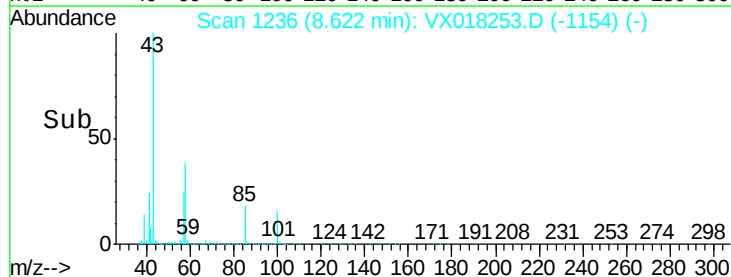
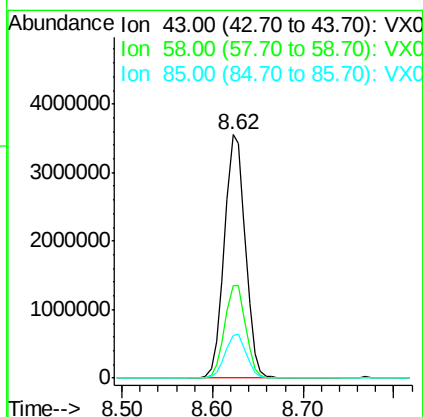
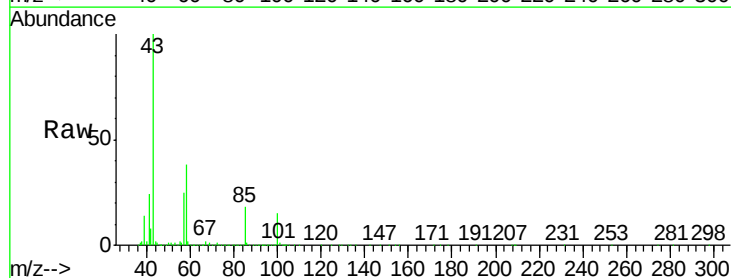
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

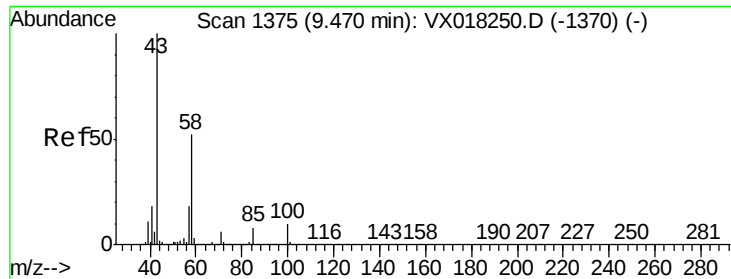
Tgt Ion: 117 Resp: 414176
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.4
119 32.0 26.1 39.1



#58
4-Methyl-2-Pentanone
Concen: 942.493 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion: 43 Resp: 5724489
Ion Ratio Lower Upper
43 100
58 38.5 30.0 45.0
85 18.0 14.2 21.4

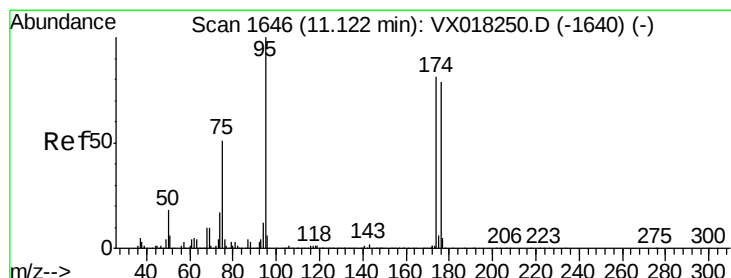
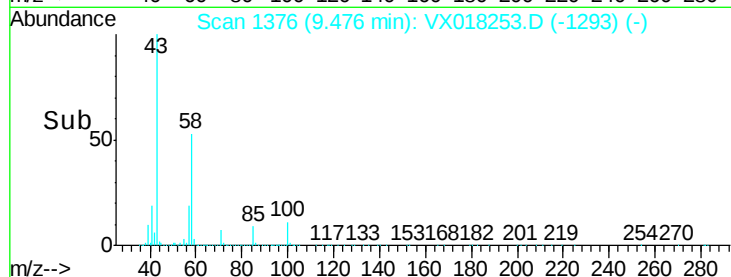
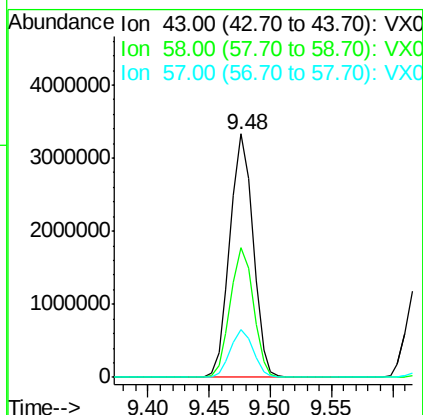
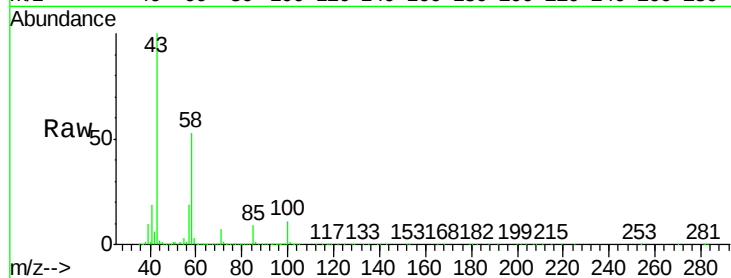




#59
2-Hexanone
Concen: 993.871 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

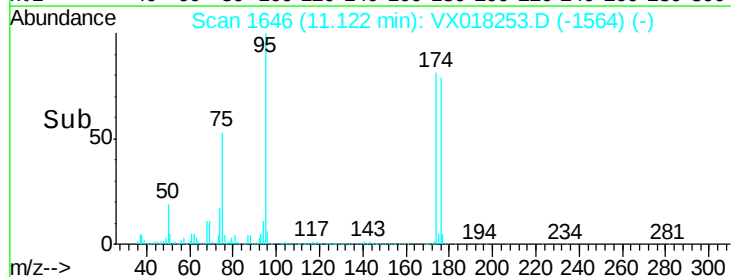
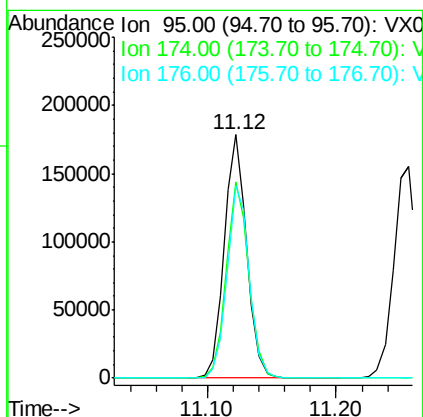
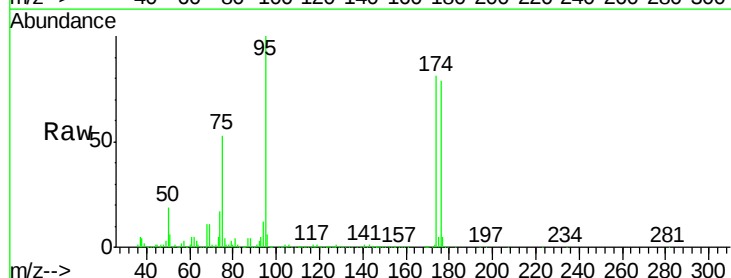
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

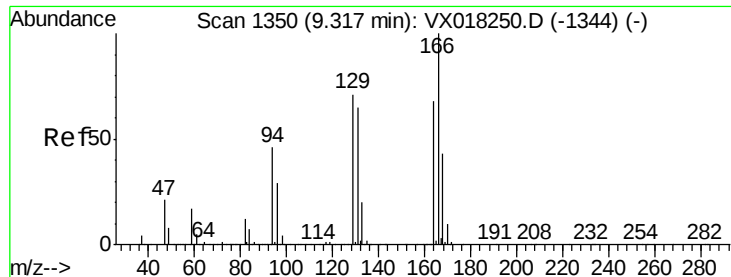
Tgt Ion: 43 Resp: 4372771
Ion Ratio Lower Upper
43 100
58 53.1 42.5 63.7
57 19.4 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 31.204 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion: 95 Resp: 217863
Ion Ratio Lower Upper
95 100
174 80.7 64.2 96.4
176 78.7 62.2 93.4





#61

Tetrachloroethene

Concen: 163.397 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:164 Resp: 757141

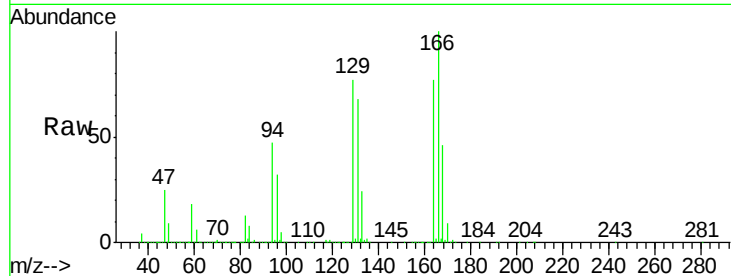
Ion Ratio Lower Upper

164 100

166 129.2 117.4 176.0

129 98.9 82.7 124.1

131 87.9 76.7 115.1

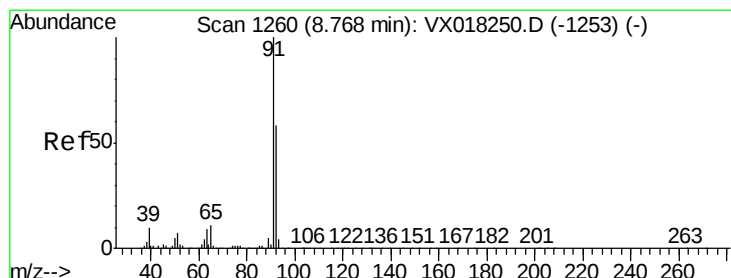
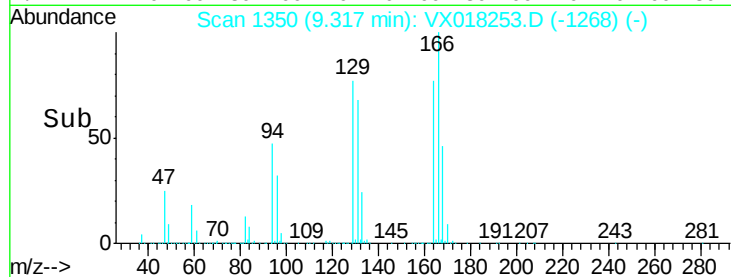
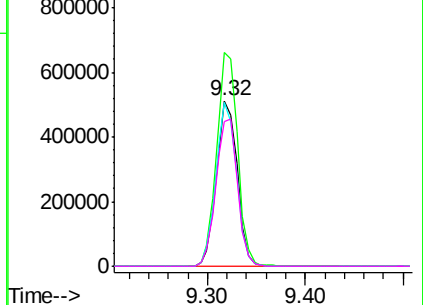


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 187.681 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018253.D

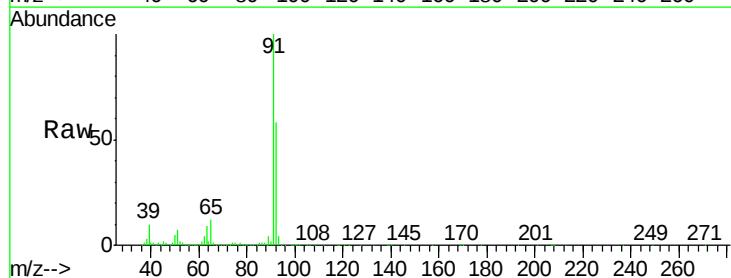
Acq: 04 Sep 2020 11:48

Tgt Ion: 91 Resp: 3222389

Ion Ratio Lower Upper

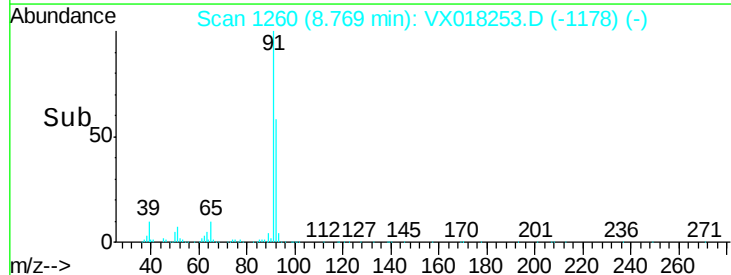
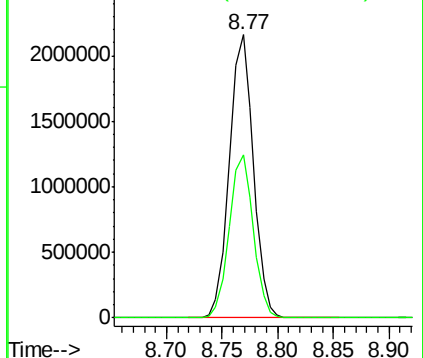
91 100

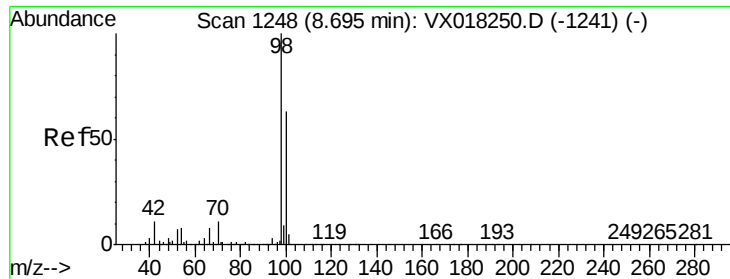
92 57.7 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.804 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

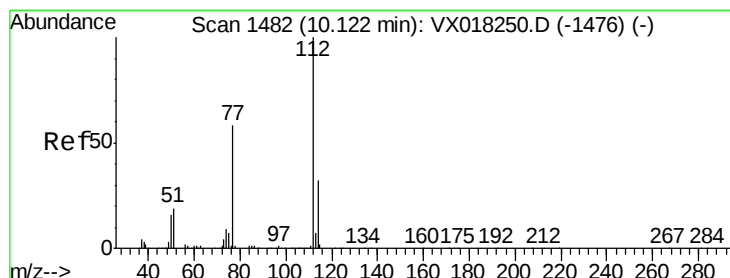
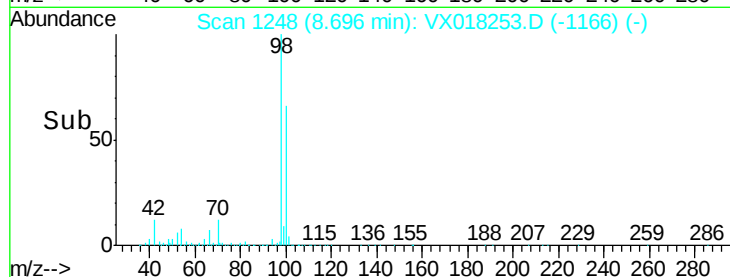
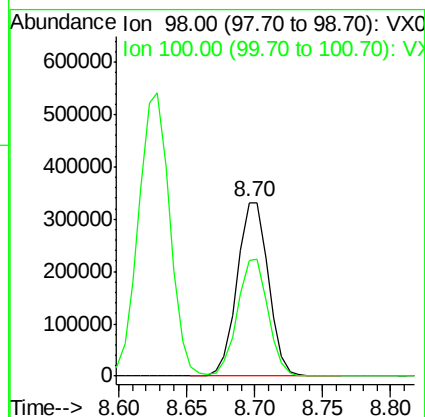
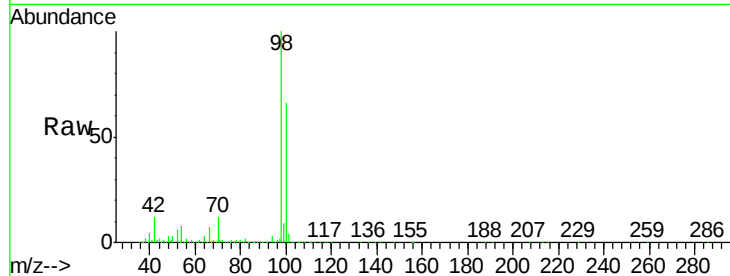
VSTDIC150

Tgt Ion: 98 Resp: 536427

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.0



#64

Chlorobenzene

Concen: 185.135 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018253.D

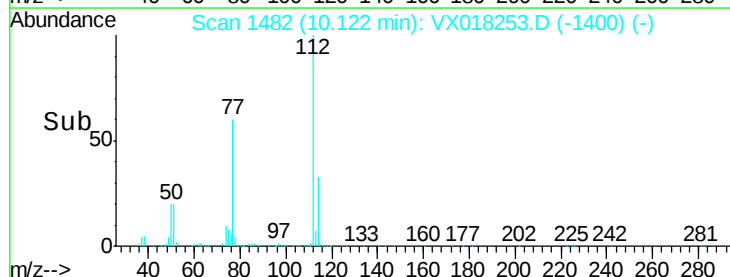
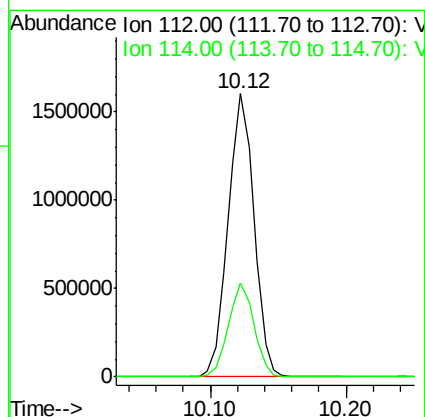
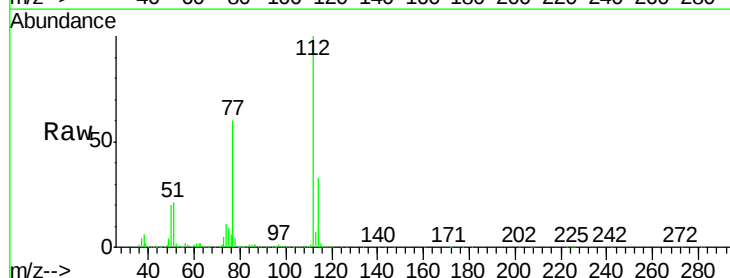
Acq: 04 Sep 2020 11:48

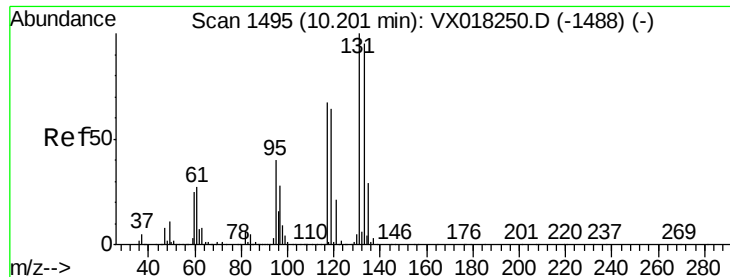
Tgt Ion: 112 Resp: 2122913

Ion Ratio Lower Upper

112 100

114 33.0 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 183.622 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

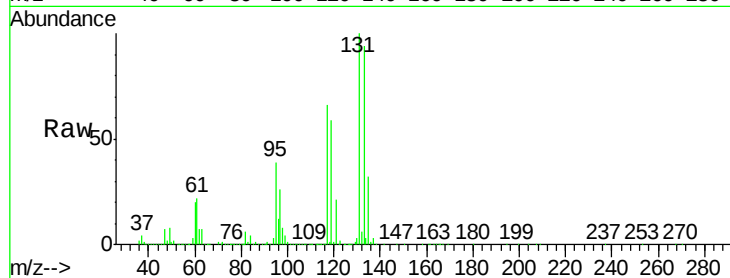
Tgt Ion:131 Resp: 860760

Ion Ratio Lower Upper

131 100

133 95.5 0.0 197.2

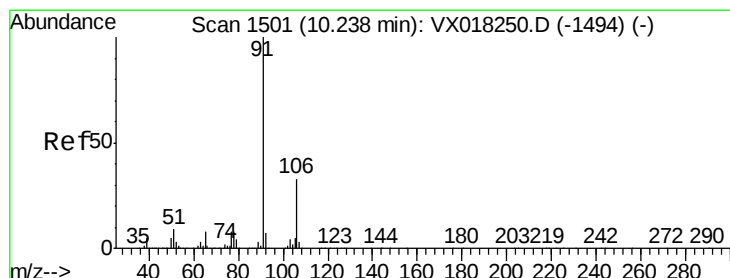
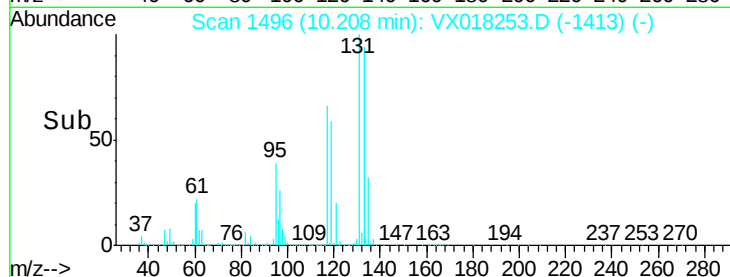
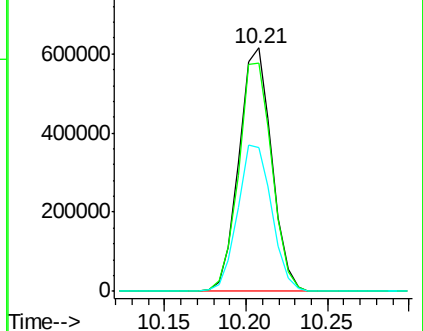
119 62.4 0.0 129.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 193.839 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018253.D

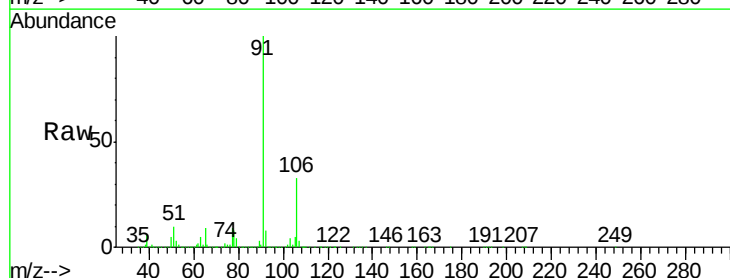
Acq: 04 Sep 2020 11:48

Tgt Ion: 91 Resp: 3700971

Ion Ratio Lower Upper

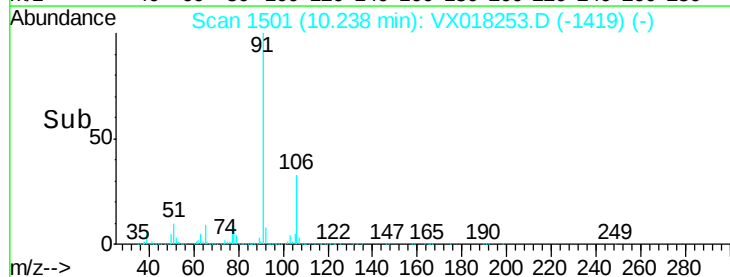
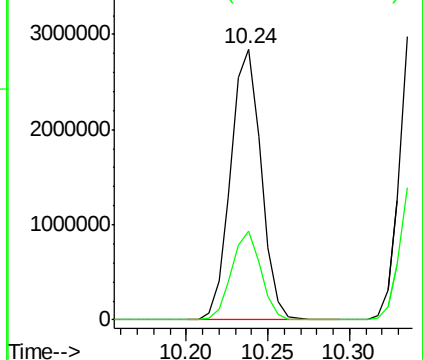
91 100

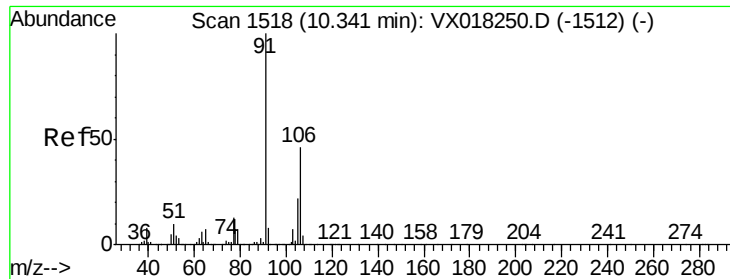
106 32.7 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 398.942 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

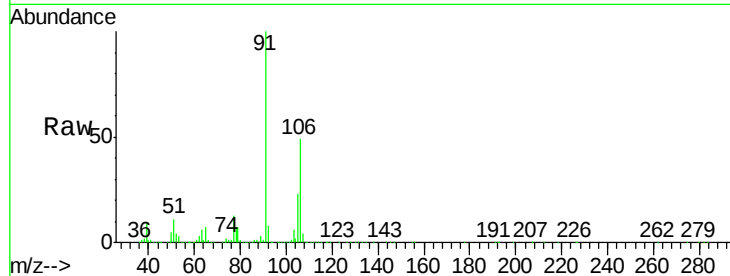
VSTDIC150

Tgt Ion:106 Resp: 2866546

Ion Ratio Lower Upper

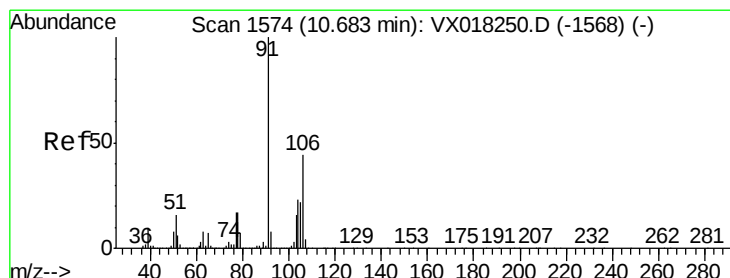
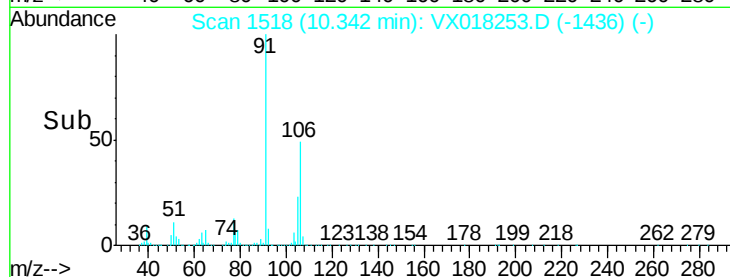
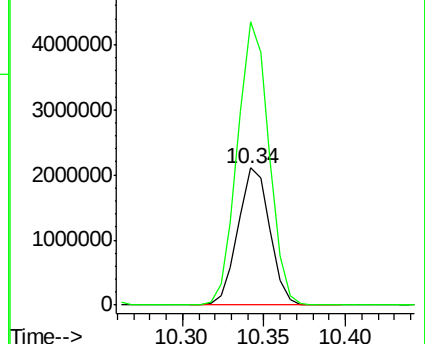
106 100

91 204.5 166.2 249.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 198.375 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018253.D

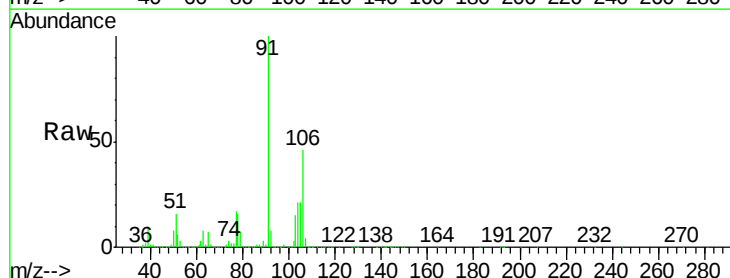
Acq: 04 Sep 2020 11:48

Tgt Ion:106 Resp: 1389704

Ion Ratio Lower Upper

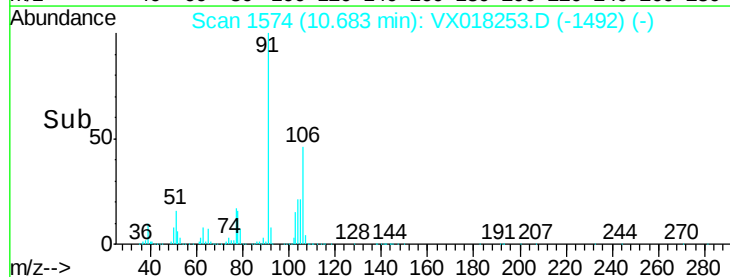
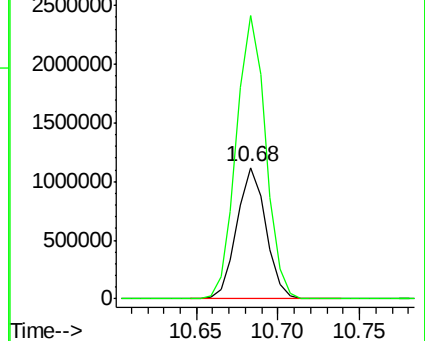
106 100

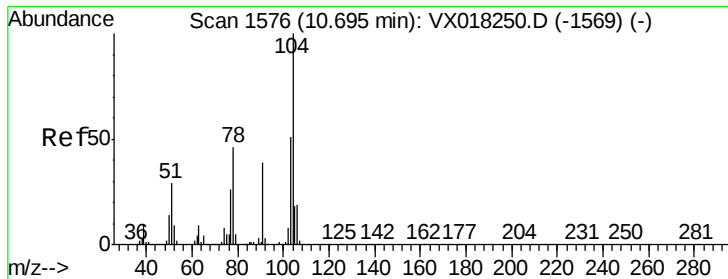
91 216.9 109.2 327.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 197.715 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

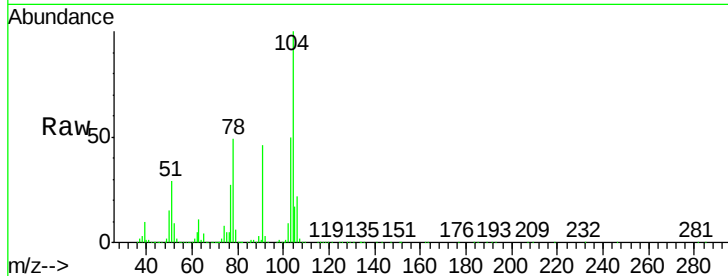
Tgt Ion:104 Resp: 2427089

Ion Ratio Lower Upper

104 100

78 53.2 41.7 62.5

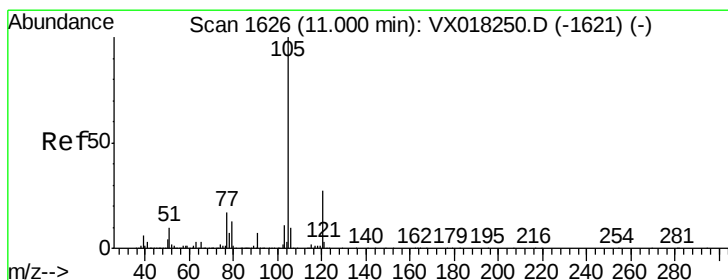
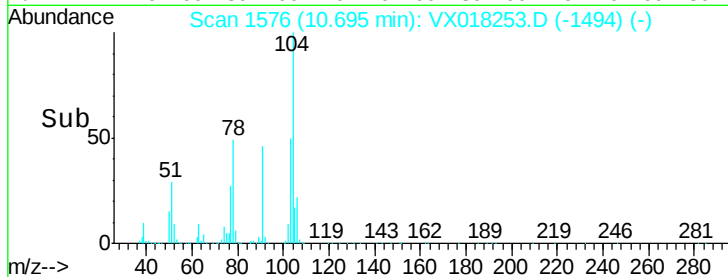
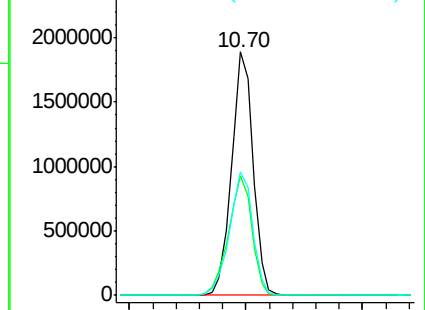
103 54.6 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 187.890 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018253.D

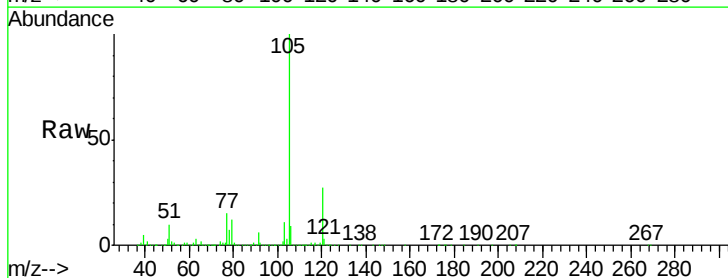
Acq: 04 Sep 2020 11:48

Tgt Ion:105 Resp: 3803247

Ion Ratio Lower Upper

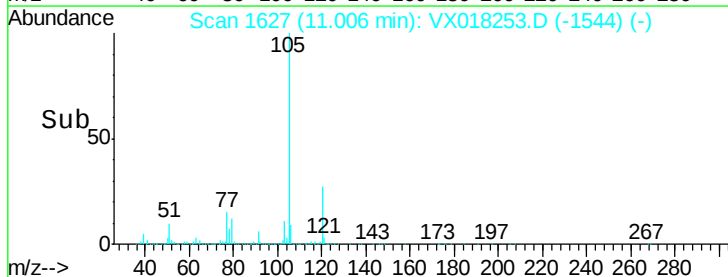
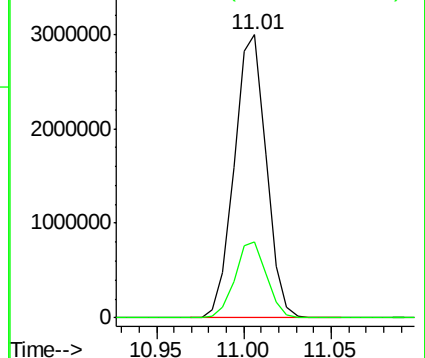
105 100

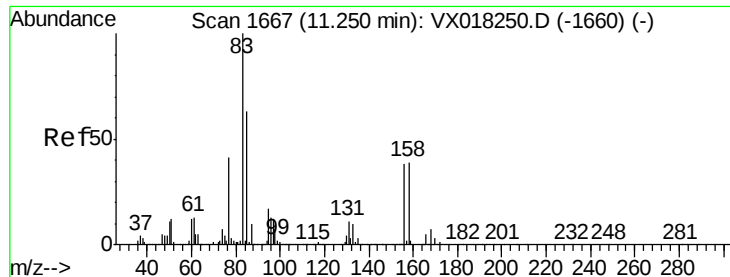
120 26.6 18.7 34.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 197.342 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

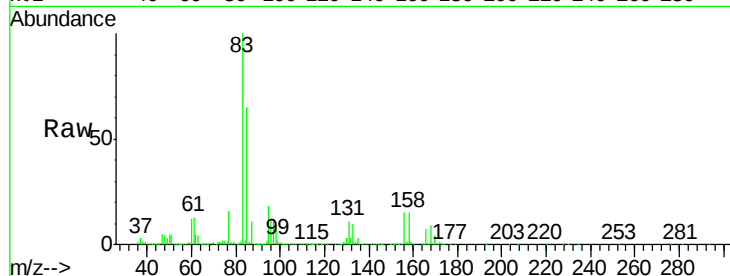
Tgt Ion: 83 Resp: 1168940

Ion Ratio Lower Upper

83 100

131 11.0 5.8 17.3

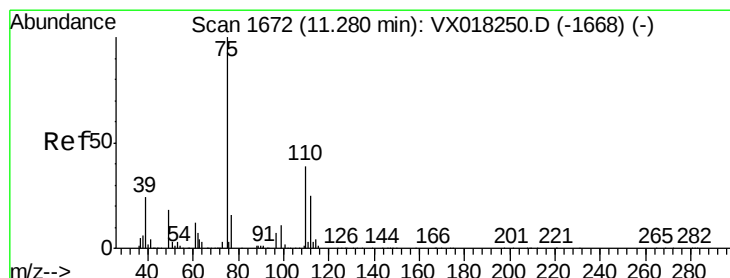
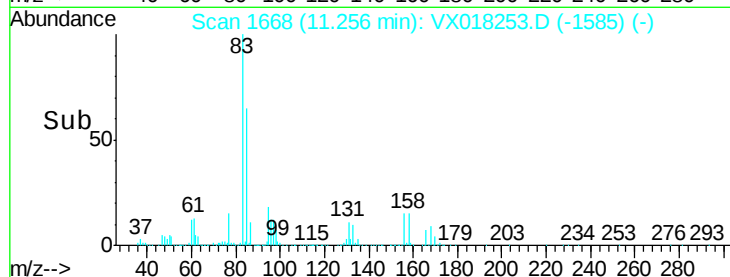
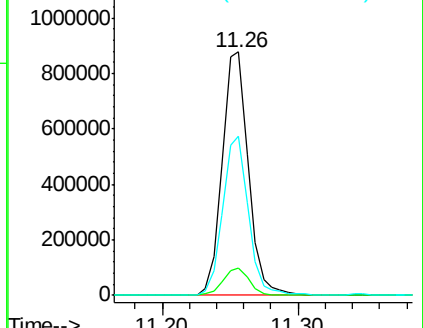
85 64.2 31.3 93.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 254.456 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018253.D

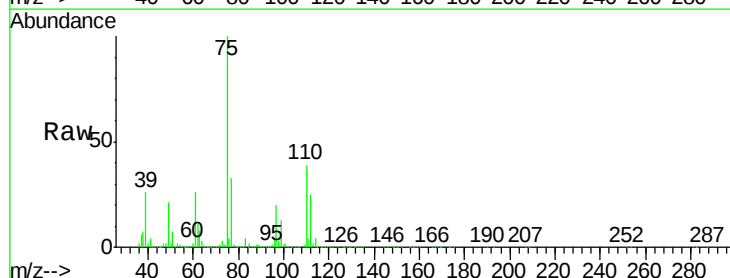
Acq: 04 Sep 2020 11:48

Tgt Ion: 75 Resp: 1489236

Ion Ratio Lower Upper

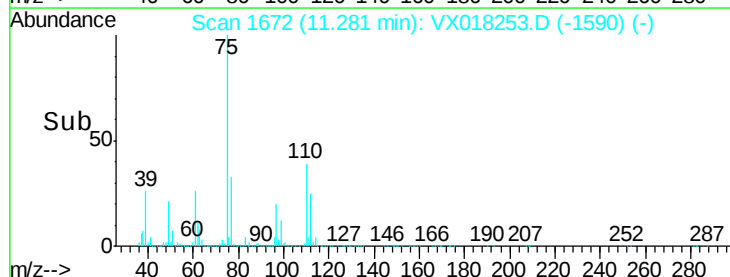
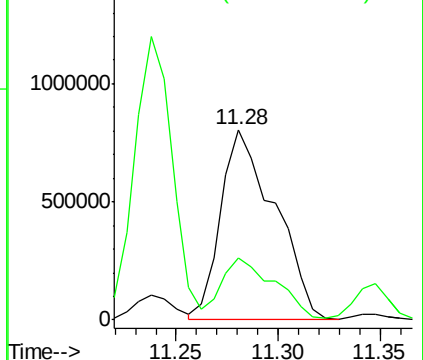
75 100

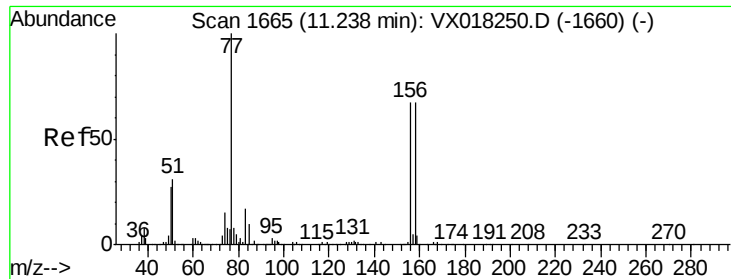
77 32.0 0.0 74.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 185.599 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

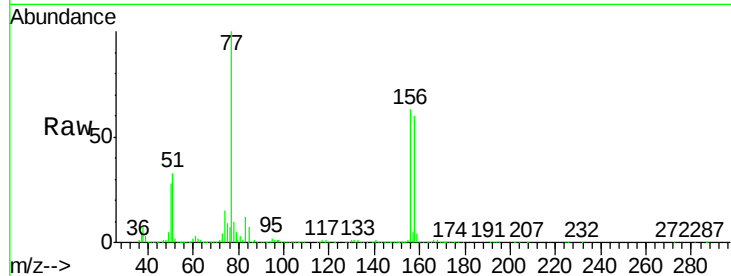
Tgt Ion:156 Resp: 999818

Ion Ratio Lower Upper

156 100

77 155.5 0.0 311.0

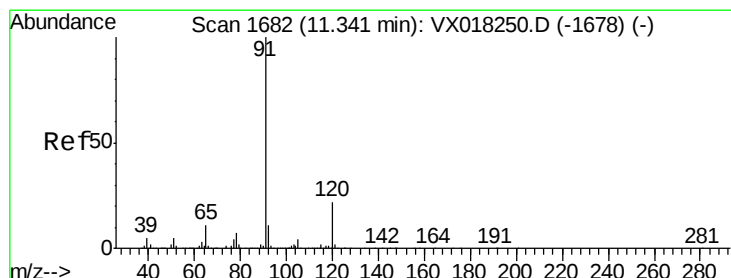
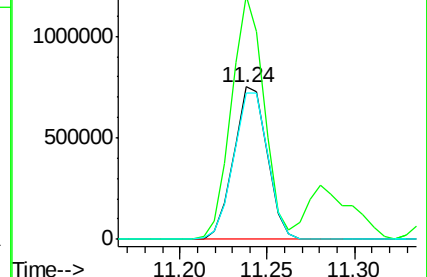
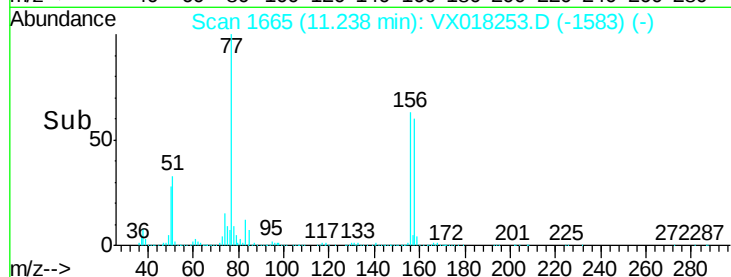
158 99.0 0.0 194.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 191.106 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX018253.D

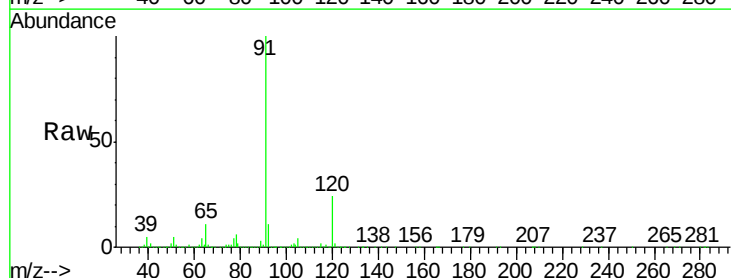
Acq: 04 Sep 2020 11:48

Tgt Ion: 91 Resp: 4450433

Ion Ratio Lower Upper

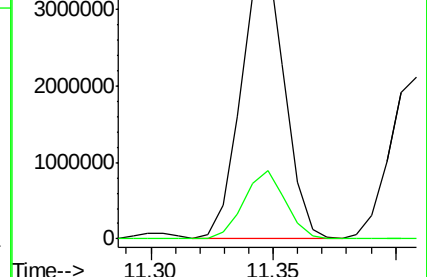
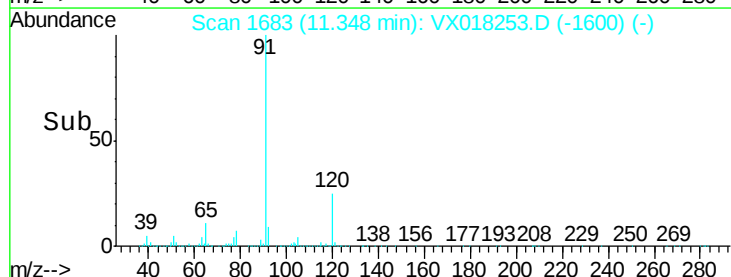
91 100

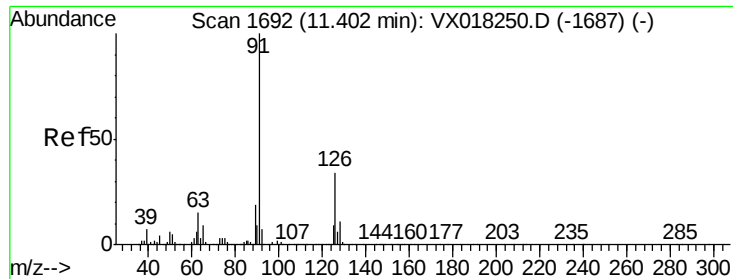
120 23.5 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 189.528 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

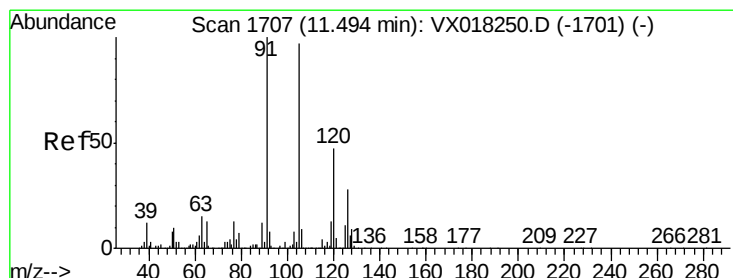
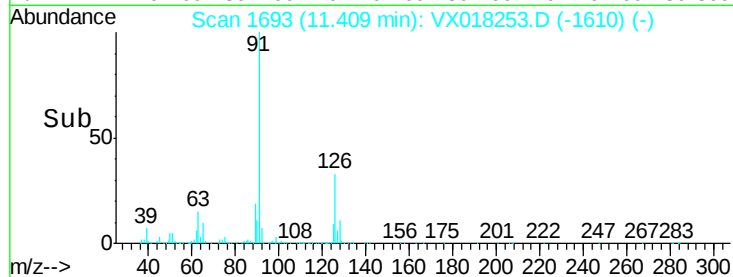
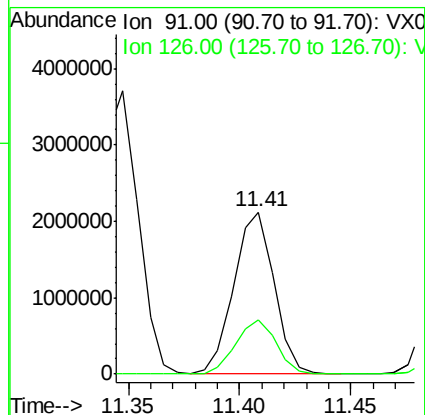
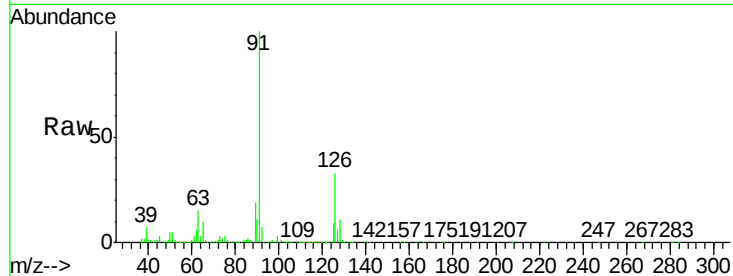
VSTDIC150

Tgt Ion: 91 Resp: 2674897

Ion Ratio Lower Upper

91 100

126 33.6 0.0 68.4



#76

1,3,5-Trimethylbenzene

Concen: 192.683 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018253.D

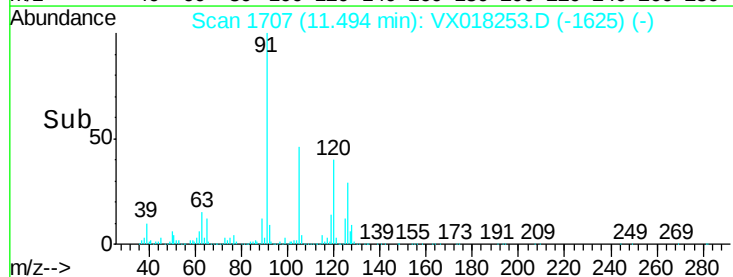
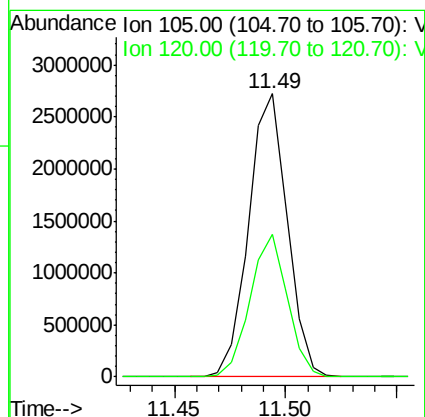
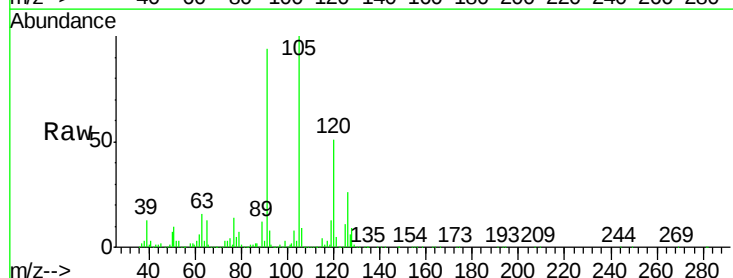
Acq: 04 Sep 2020 11:48

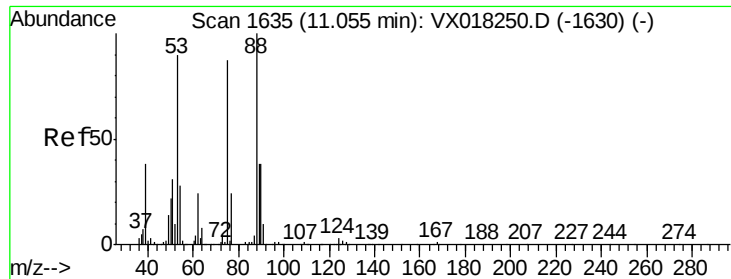
Tgt Ion: 105 Resp: 3295122

Ion Ratio Lower Upper

105 100

120 48.9 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 202.940 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

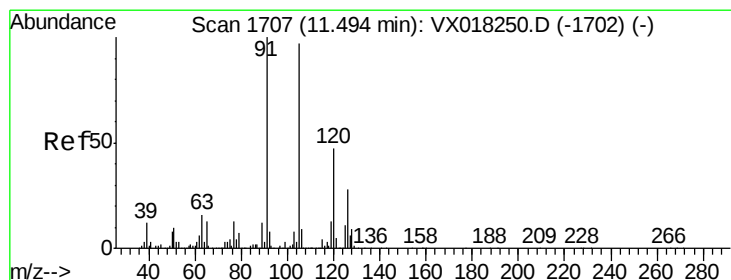
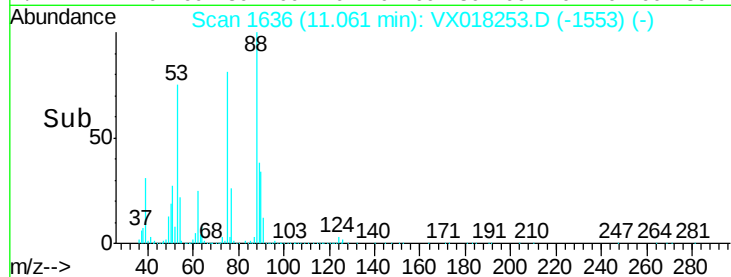
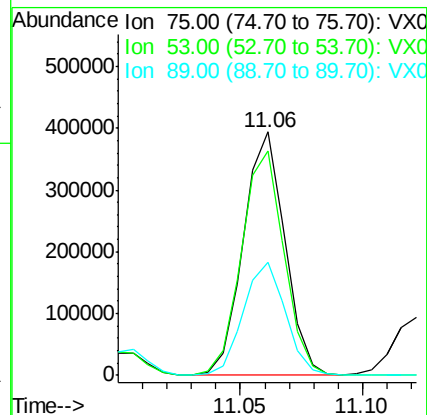
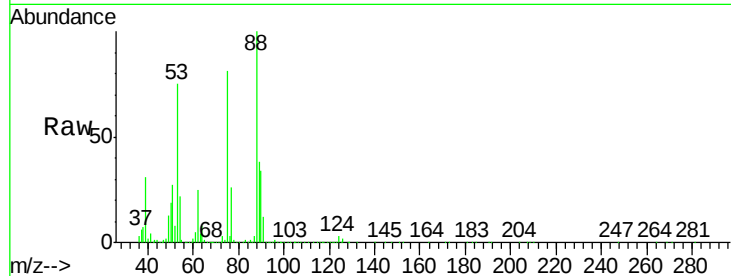
Tgt Ion: 75 Resp: 465012

Ion Ratio Lower Upper

75 100

53 92.0 52.1 156.4

89 46.6 22.1 66.3



#78

4-Chlorotoluene

Concen: 193.584 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018253.D

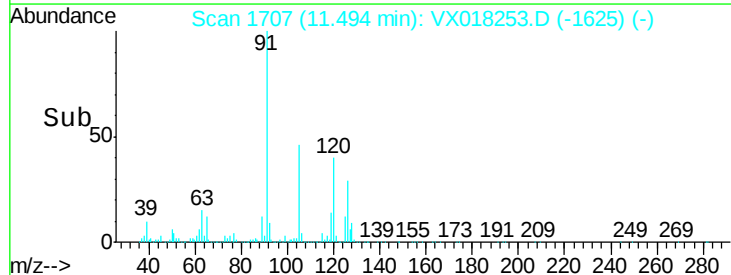
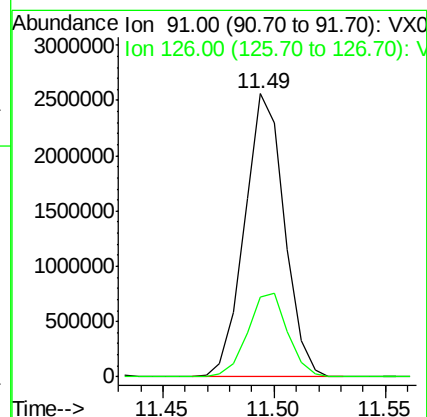
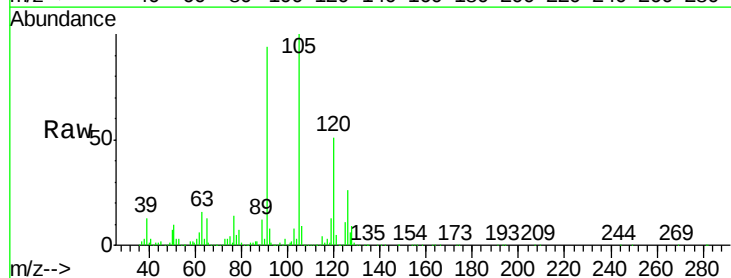
Acq: 04 Sep 2020 11:48

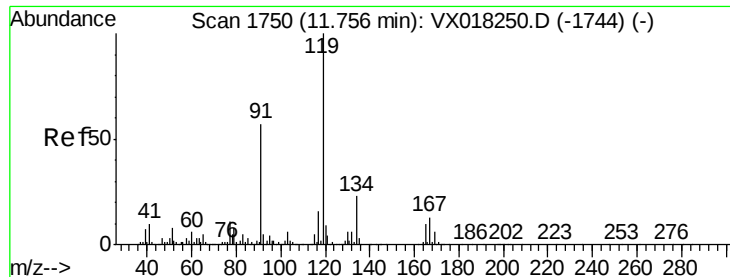
Tgt Ion: 91 Resp: 3185578

Ion Ratio Lower Upper

91 100

126 29.8 0.0 59.2

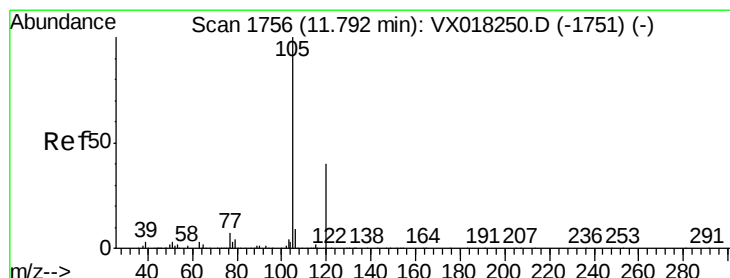
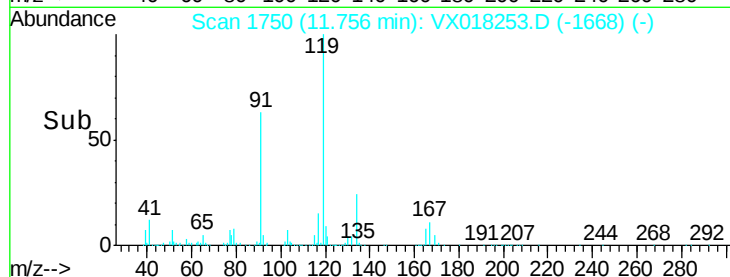
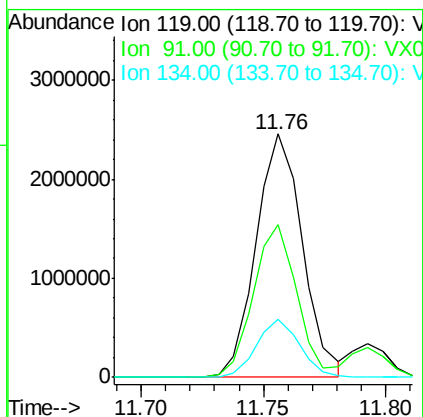
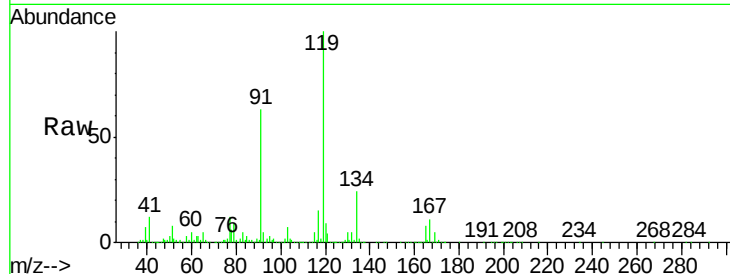




#79
tert-butylbenzene
Concen: 193.013 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

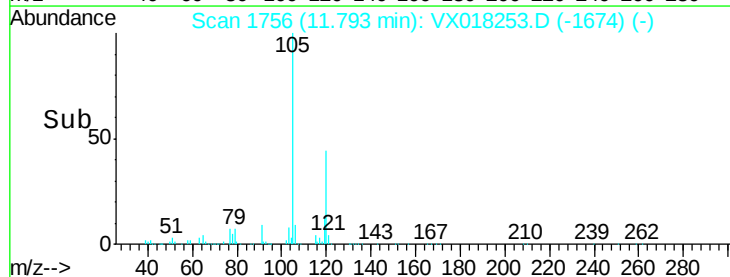
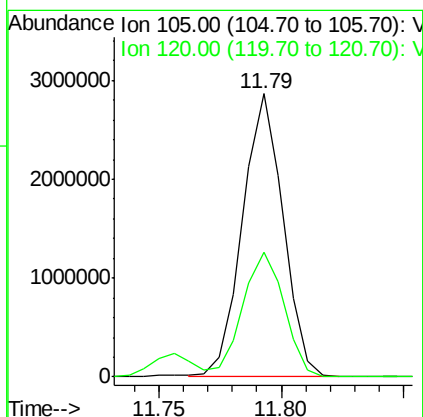
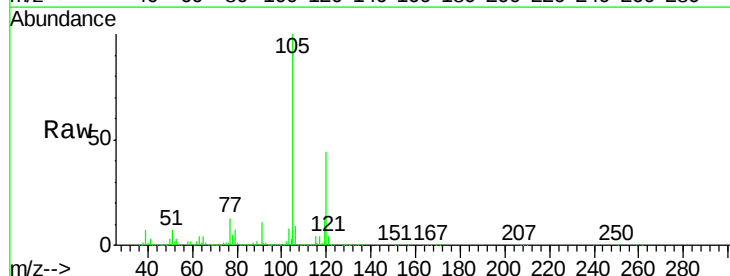
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

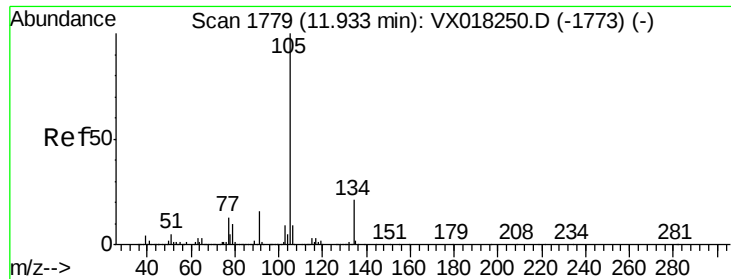
Tgt Ion:119 Resp: 3236480
Ion Ratio Lower Upper
119 100
91 58.2 0.0 111.8
134 22.2 0.0 42.4



#80
1,2,4-Trimethylbenzene
Concen: 186.264 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion:105 Resp: 3308624
Ion Ratio Lower Upper
105 100
120 45.3 0.0 89.2

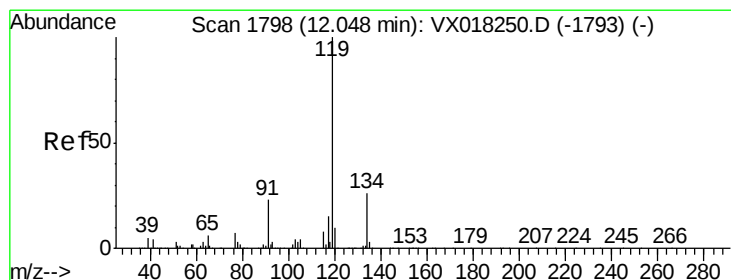
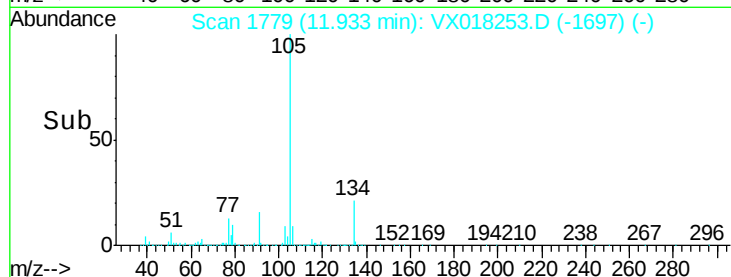
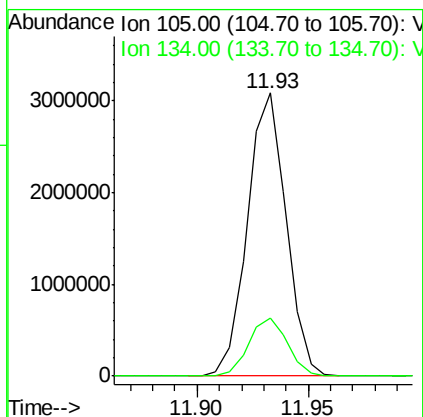
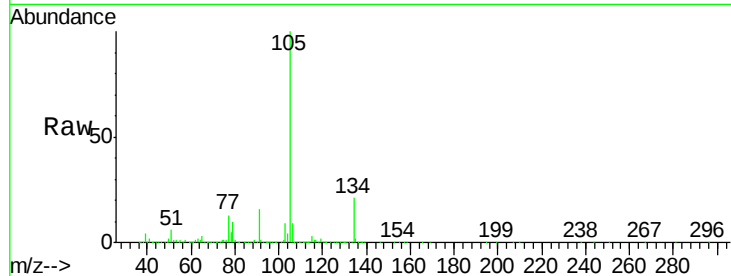




#81
 sec-Butylbenzene
 Concen: 188.198 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

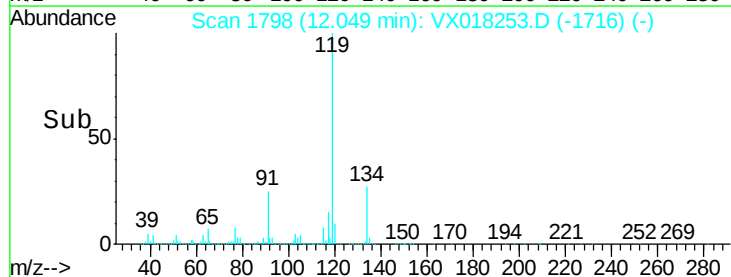
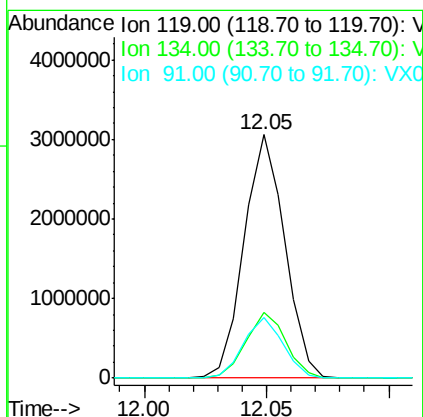
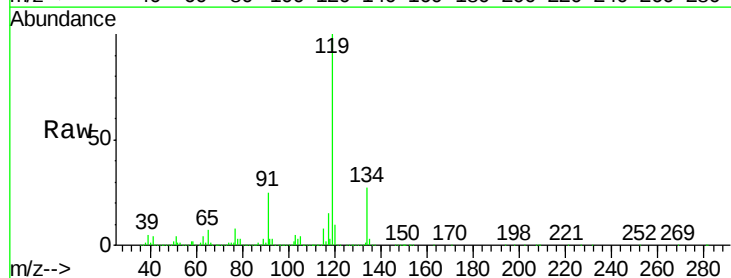
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

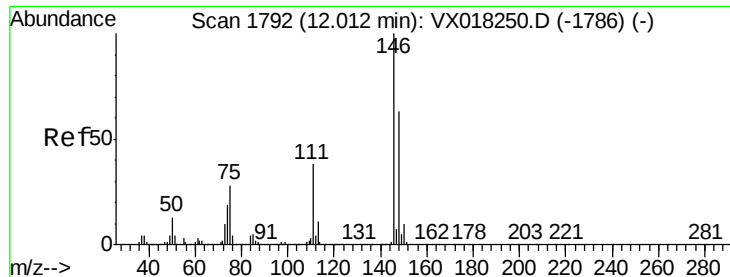
Tgt Ion:105 Resp: 3746095
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 193.909 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Tgt Ion:119 Resp: 3523746
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 53.0
 91 24.6 0.0 49.8

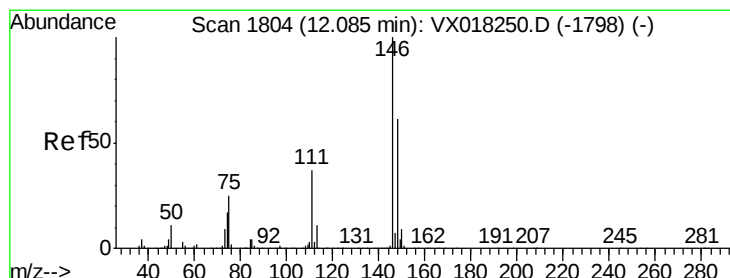
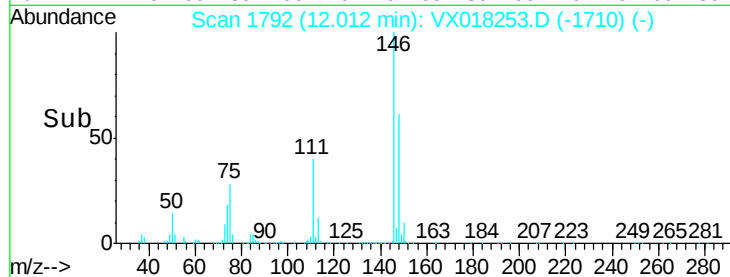
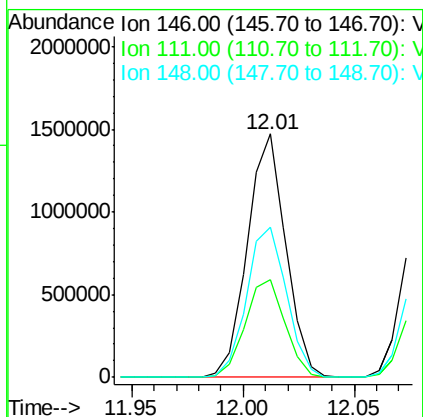
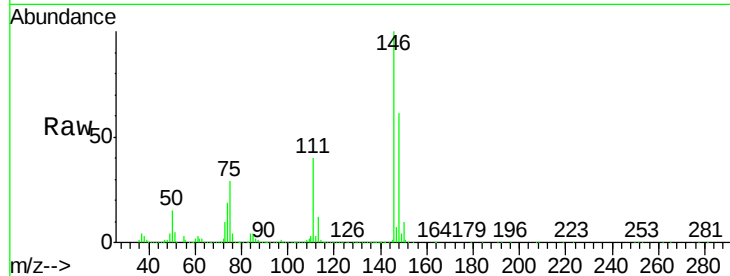




#83
 1,3-Dichlorobenzene
 Concen: 179.391 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

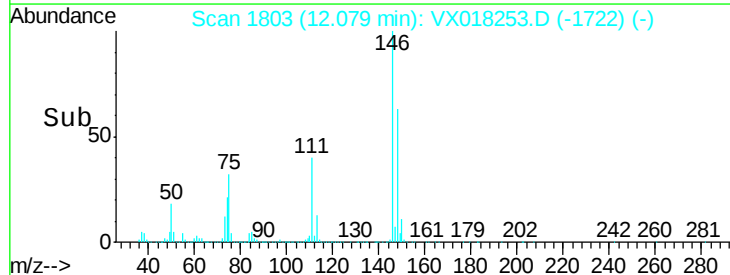
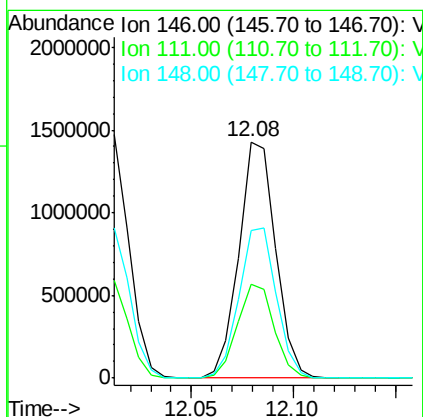
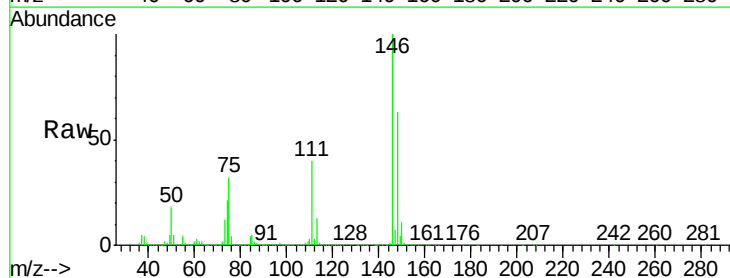
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

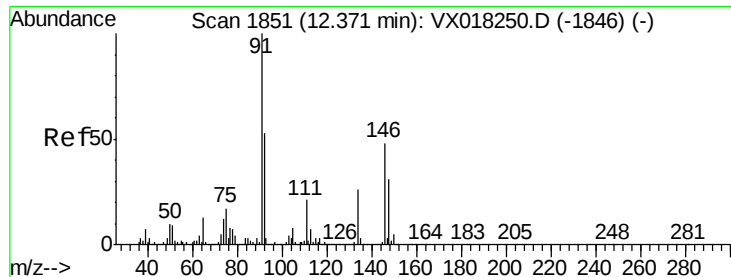
Tgt Ion:146 Resp: 1771140
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.0 59.9
 148 64.1 32.1 96.3



#84
 1,4-Dichlorobenzene
 Concen: 182.620 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Tgt Ion:146 Resp: 1789673
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.3 57.8
 148 64.6 31.7 95.1

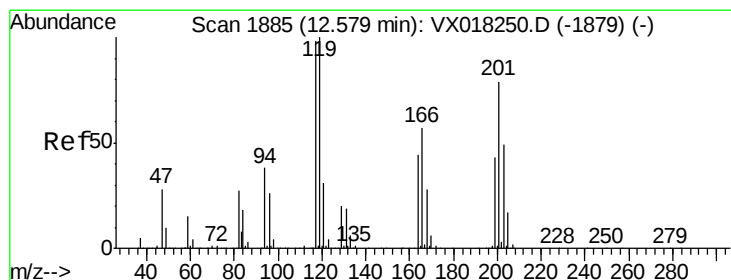
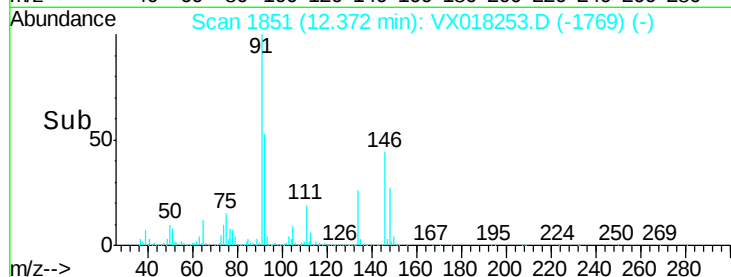
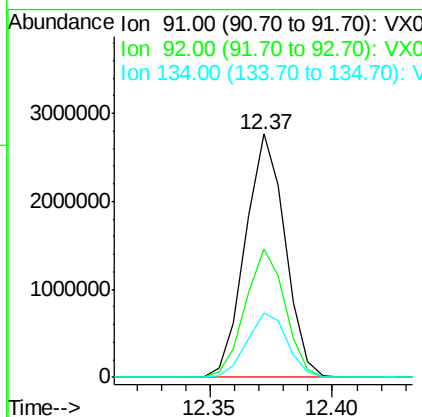
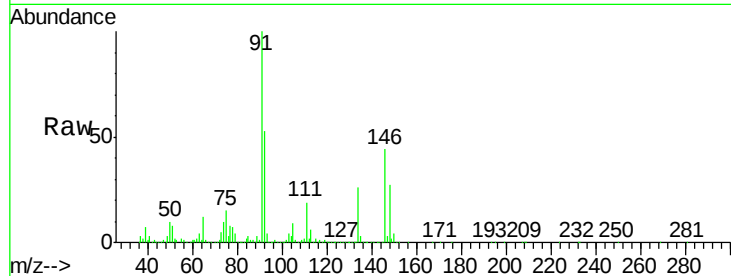




#85
n-Butylbenzene
Concen: 182.131 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

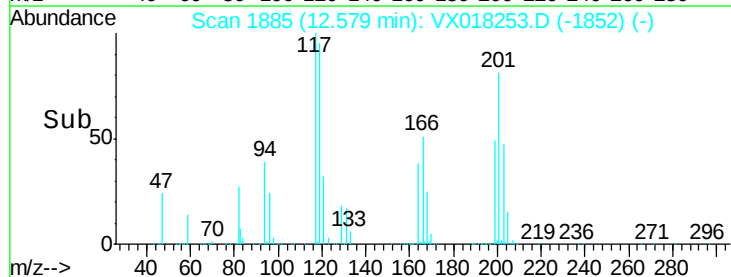
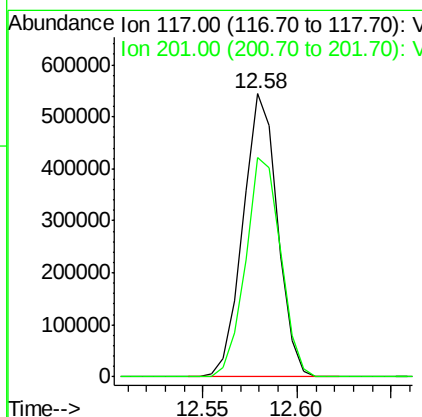
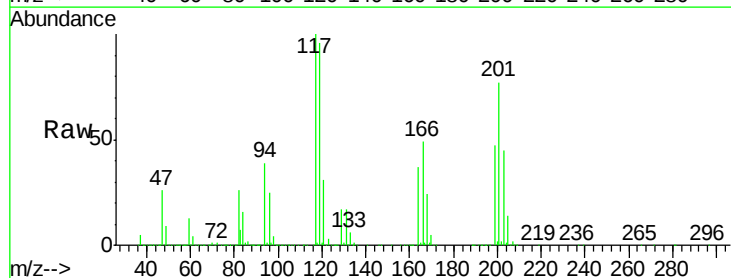
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

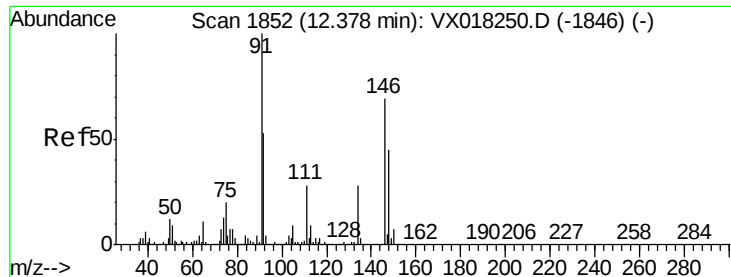
Tgt Ion: 91 Resp: 3133272
Ion Ratio Lower Upper
91 100
92 52.7 0.0 105.0
134 26.8 0.0 51.0



#86
Hexachloroethane
Concen: 179.616 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion: 117 Resp: 690102
Ion Ratio Lower Upper
117 100
201 79.2 39.6 118.8





#87

1,2-Dichlorobenzene

Concen: 177.342 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

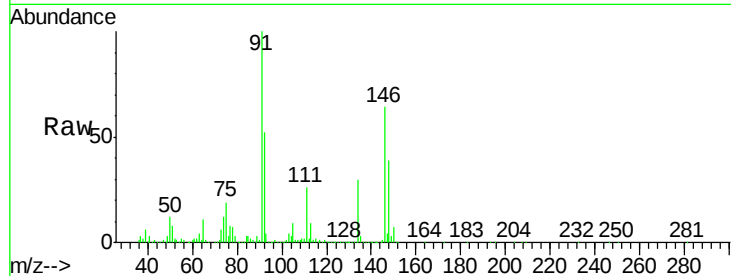
Tgt Ion:146 Resp: 1724784

Ion Ratio Lower Upper

146 100

111 41.1 21.4 64.3

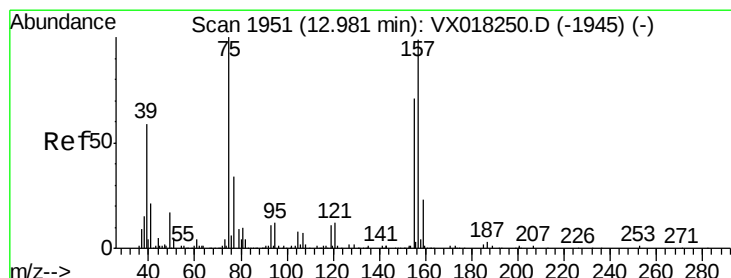
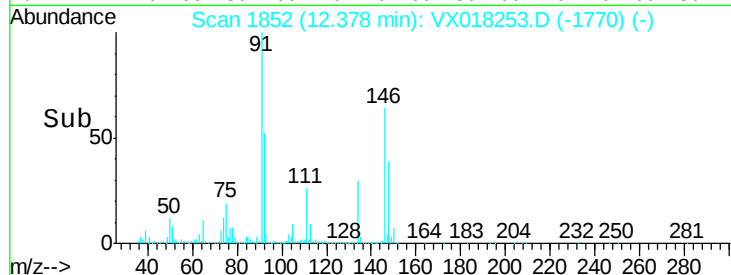
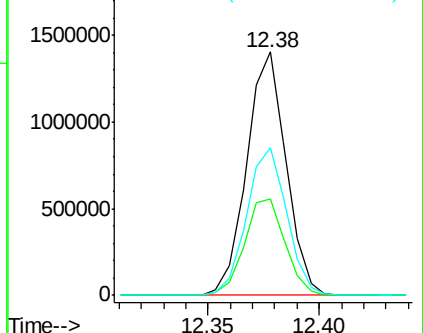
148 61.9 32.0 96.2



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



#88

1,2-Dibromo-3-Chloropropane

Concen: 196.085 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

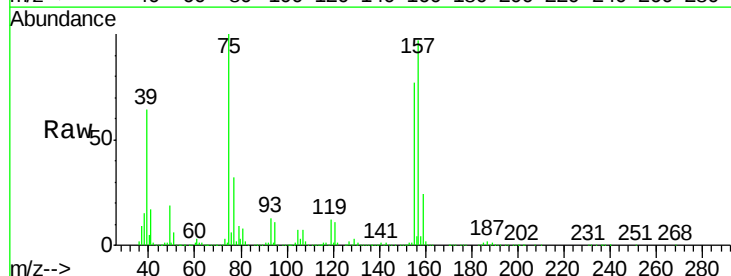
Tgt Ion: 75 Resp: 319803

Ion Ratio Lower Upper

75 100

155 83.3 63.4 95.2

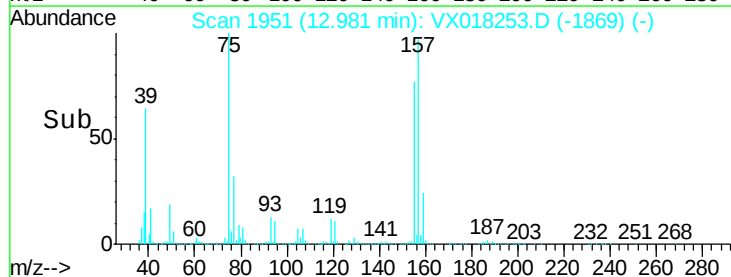
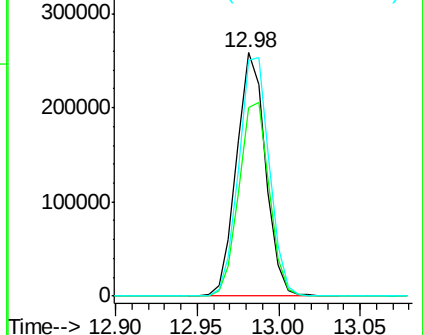
157 103.6 87.0 130.6

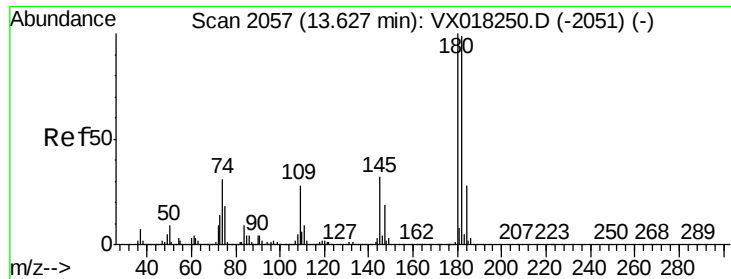


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

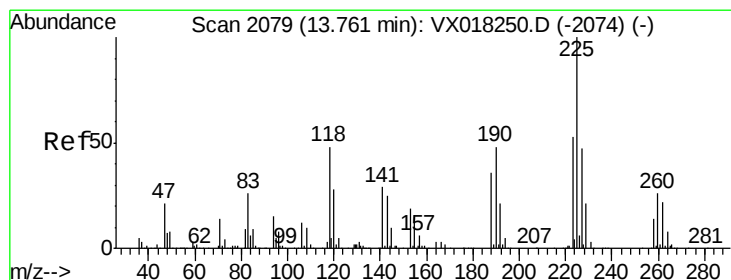
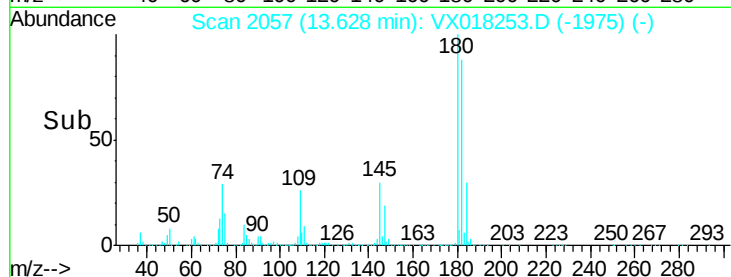
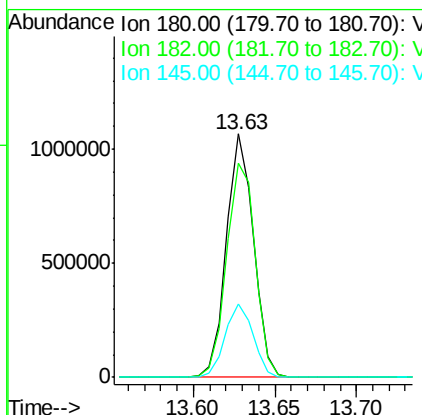
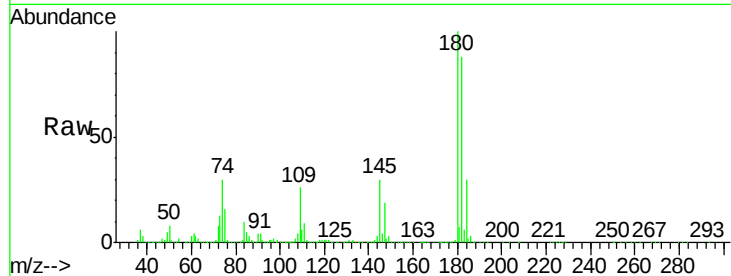




#89
 1,2,4-Trichlorobenzene
 Concen: 183.380 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

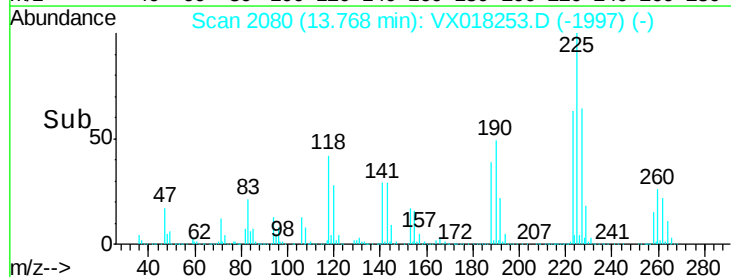
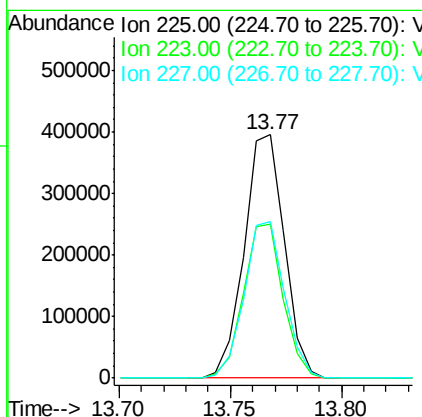
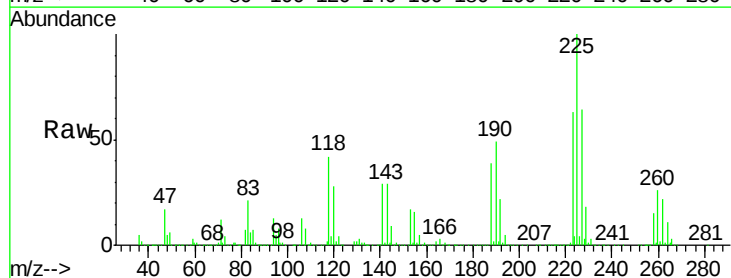
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

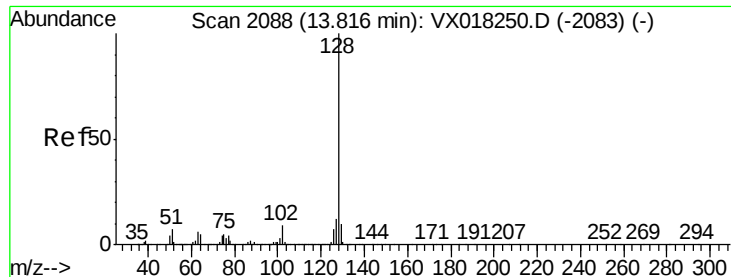
Tgt Ion:180 Resp: 1232587
 Ion Ratio Lower Upper
 180 100
 182 92.7 77.1 115.7
 145 31.3 25.0 37.6



#90
 Hexachlorobutadiene
 Concen: 162.609 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Tgt Ion:225 Resp: 500405
 Ion Ratio Lower Upper
 225 100
 223 62.2 0.0 115.8
 227 64.4 0.0 117.0

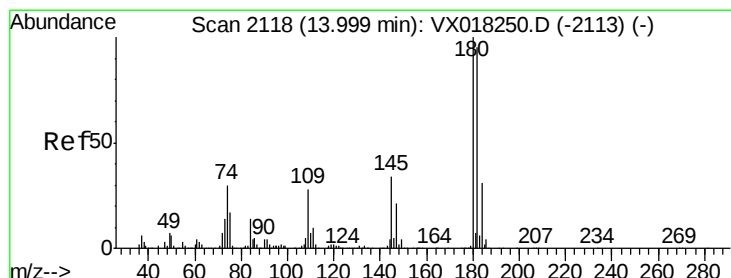
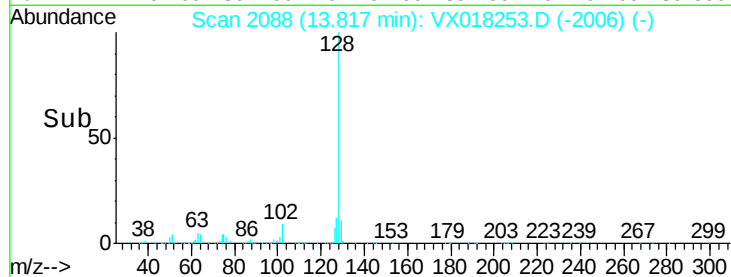
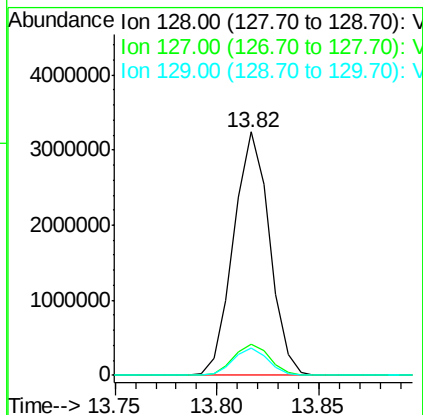
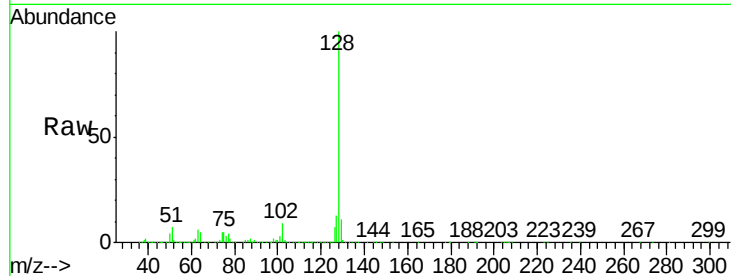




#91
Naphthalene
Concen: 197.295 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 3946959
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 184.965 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion:180 Resp: 1199840
Ion Ratio Lower Upper
180 100
182 94.6 0.0 191.6
145 33.1 0.0 67.4

