

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018462.D
 Acq On : 17 Sep 2020 11:52
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 02 05:24:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	555515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	914613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	888254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	444552	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	1188887	151.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.56%	
35) Dibromofluoromethane	5.46	113	946170	149.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.28%	
50) Toluene-d8	8.70	98	3471372	151.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.22%	
62) 4-Bromofluorobenzene	11.12	95	1437032	157.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	825842	156.802	ug/l	99
3) Chloromethane	1.31	50	959479	155.610	ug/l	98
4) Vinyl Chloride	1.39	62	985019	150.899	ug/l	99
5) Bromomethane	1.62	94	537849	134.247	ug/l	99
6) Chloroethane	1.70	64	555734	148.754	ug/l	100
7) Trichlorofluoromethane	1.91	101	1436760	144.885	ug/l	94
8) Diethyl Ether	2.17	74	497053	142.860	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	794079	148.771	ug/l	98
10) Methyl Iodide	2.49	142	1074663	151.642	ug/l	99
11) Tert butyl alcohol	3.03	59	1033208	755.620	ug/l	99
12) 1,1-Dichloroethene	2.36	96	809038	150.385	ug/l	91
13) Acrolein	2.28	56	681943	787.646	ug/l	100
14) Allyl chloride	2.70	41	1561817	149.811	ug/l	100
15) Acrylonitrile	3.12	53	2514703	770.769	ug/l	99
16) Acetone	2.42	43	2149968	715.359	ug/l	98
17) Carbon Disulfide	2.55	76	2384192	148.393	ug/l	100
18) Methyl Acetate	2.75	43	1123763	150.913	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2894948	153.292	ug/l	100
20) Methylene Chloride	2.84	84	918423	138.502	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	905357	144.802	ug/l	98
22) Diisopropyl ether	3.82	45	2962728	151.190	ug/l	100
23) Vinyl Acetate	3.79	43	13314755	766.782	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1661408	147.010	ug/l	98
25) 2-Butanone	4.64	43	3621315	773.742	ug/l	98
26) 2,2-Dichloropropane	4.56	77	1497481	143.411	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	1028587	146.775	ug/l	99
28) Bromochloromethane	4.98	49	803879	152.009	ug/l	100
29) Tetrahydrofuran	5.09	42	2310953	783.401	ug/l	100
30) Chloroform	5.18	83	1707979	148.952	ug/l	98
31) Cyclohexane	5.55	56	1471736	154.753	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	1572669	146.195	ug/l	98
36) 1,1-Dichloropropene	5.77	75	1303676	146.855	ug/l	99
37) Ethyl Acetate	4.80	43	1421009	149.901	ug/l	100
38) Carbon Tetrachloride	5.75	117	1472367	149.758	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1522032	152.609	ug/l	96
40) Benzene	6.12	78	3703326	145.566	ug/l	99
41) Methacrylonitrile	5.01	41	803582	152.556	ug/l	97
42) 1,2-Dichloroethane	6.17	62	1437666	145.256	ug/l	100
43) Isopropyl Acetate	6.42	43	2422805	154.017	ug/l	100
44) Trichloroethene	7.19	130	1069302	145.191	ug/l	98
45) 1,2-Dichloropropane	7.49	63	1020914	146.203	ug/l	100
46) Dibromomethane	7.64	93	700021	145.915	ug/l	98
47) Bromodichloromethane	7.88	83	1445005	149.454	ug/l	99
48) Methyl methacrylate	7.75	41	1216698	158.904	ug/l	99
49) 1,4-Dioxane	7.72	88	370388	2927.598	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	7235503	772.496	ug/l	100
52) Toluene	8.77	92	2353813	147.027	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1698205	154.577	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	1724329	152.353	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	982881	147.956	ug/l	98
56) Ethyl methacrylate	9.16	69	1616301	164.090	ug/l	99
57) 1,3-Dichloropropane	9.35	76	1675698	150.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	4080740	779.220	ug/l	100
59) 2-Hexanone	9.48	43	5502938	772.433	ug/l	99
60) Dibromochloromethane	9.57	129	1239082	156.426	ug/l	99
61) 1,2-Dibromoethane	9.65	107	1090774	154.323	ug/l	100
64) Tetrachloroethene	9.32	164	925664	132.368	ug/l	95
65) Chlorobenzene	10.12	112	2711219	148.232	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	1072373	146.153	ug/l	100
67) Ethyl Benzene	10.24	91	4719920	149.088	ug/l	96
68) m/p-Xylenes	10.35	106	3576708	298.658	ug/l	98
69) o-Xylene	10.68	106	1737198	153.185	ug/l	100
70) Styrene	10.70	104	3039075	155.204	ug/l	99
71) Bromoform	10.84	173	923148	149.848	ug/l #	99
73) Isopropylbenzene	11.01	105	4683405	157.702	ug/l	100
74) N-amyl acetate	10.88	43	2190262	163.819	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	1488179	151.394	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1867222	199.874	ug/l	84
77) Bromobenzene	11.24	156	1224703	149.461	ug/l	98
78) n-propylbenzene	11.35	91	5506623	158.410	ug/l	100
79) 2-Chlorotoluene	11.41	91	3256624	154.770	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	4049519	159.443	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	585909	160.714	ug/l	99
82) 4-Chlorotoluene	11.49	91	3885992	155.362	ug/l	100
83) tert-Butylbenzene	11.76	119	3994854	162.002	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	4070875	159.156	ug/l	96
85) sec-Butylbenzene	11.93	105	4637126	159.373	ug/l	99
86) p-Isopropyltoluene	12.05	119	4258579	159.256	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	2192242	148.798	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	2154172	144.202	ug/l	98
89) n-Butylbenzene	12.37	91	3930891	158.792	ug/l	99
90) Hexachloroethane	12.58	117	834469	156.312	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	2046901	148.438	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	385662	161.615	ug/l	94

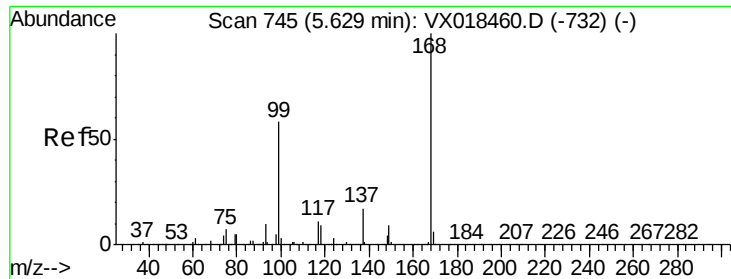
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Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1533435	159.779	ug/l	96
94) Hexachlorobutadiene	13.77	225	620982	154.193	ug/l	98
95) Naphthalene	13.82	128	4871624	168.079	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1432600	156.193	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

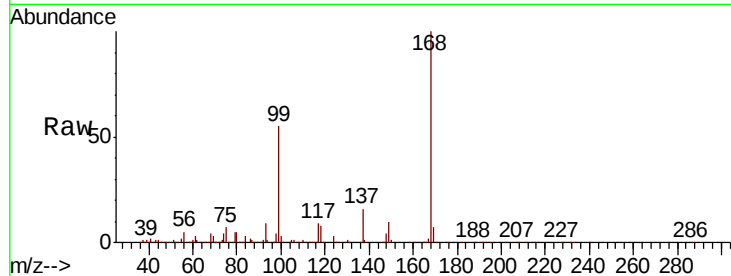
VSTDIC150

Tot Ion:168 Resp: 55515

Ion Ratio Lower Upper

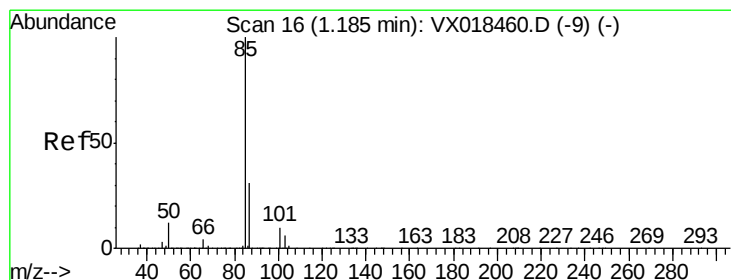
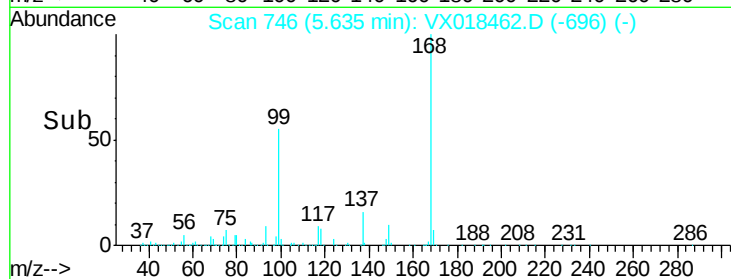
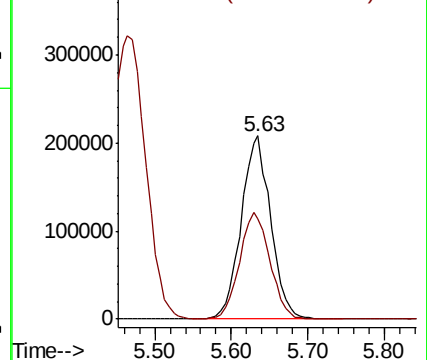
168 100

99 54.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 156.802 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018462.D

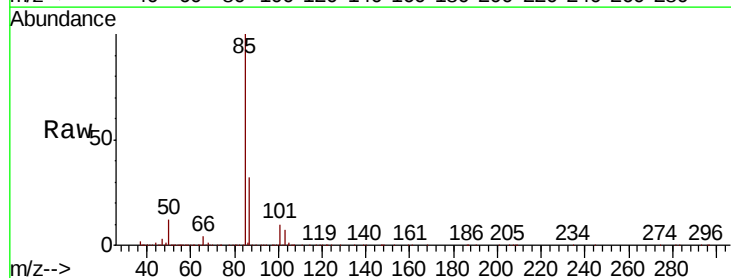
Acq: 17 Sep 2020 11:52

Tgt Ion: 85 Resp: 825842

Ion Ratio Lower Upper

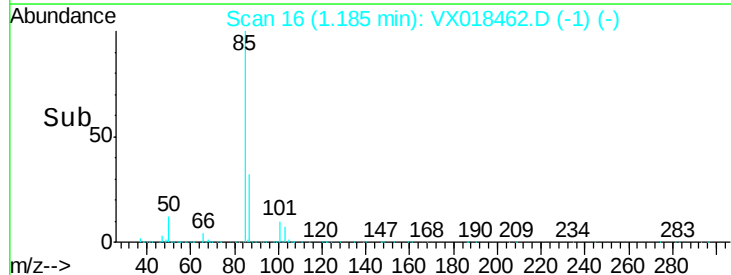
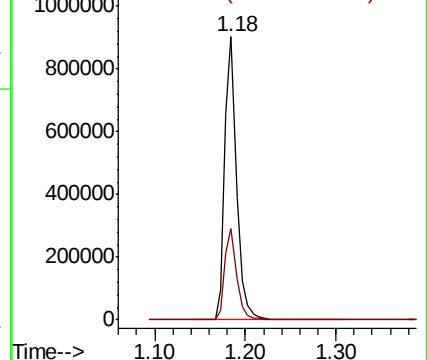
85 100

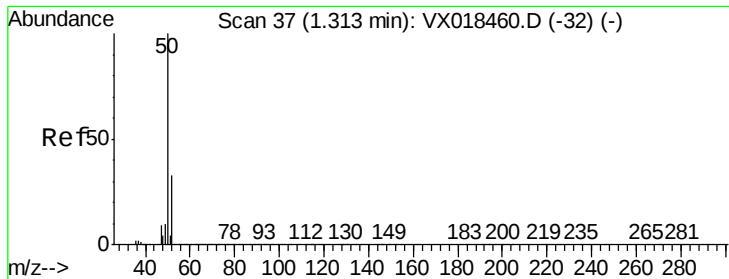
87 32.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 155.610 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

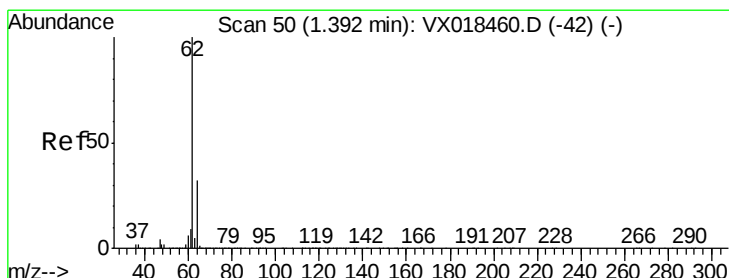
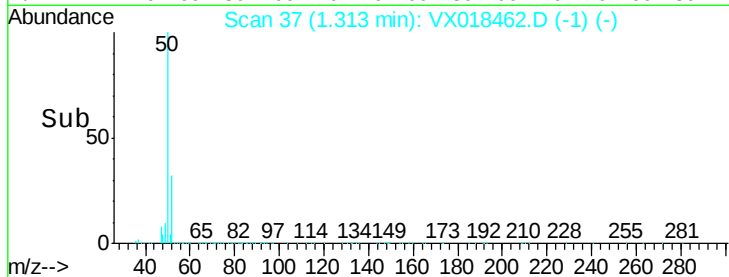
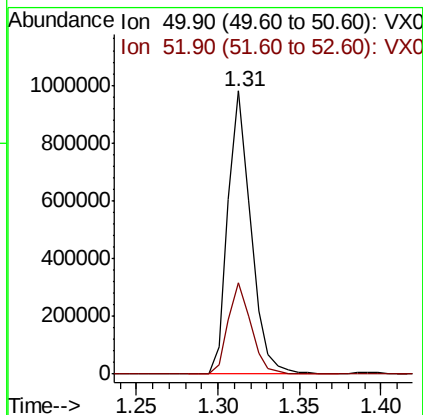
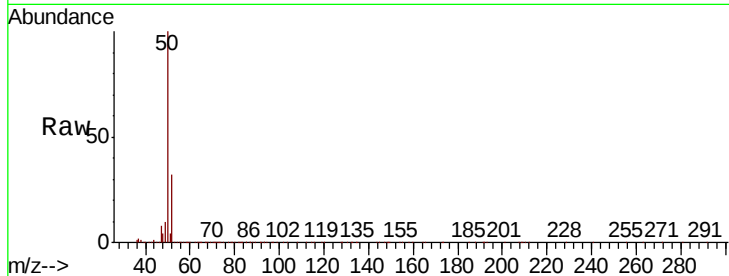
VSTDIC150

Tot Ion: 50 Resp: 959479

Ion Ratio Lower Upper

50 100

52 32.1 26.6 40.0



#4

Vinyl Chloride

Concen: 150.899 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018462.D

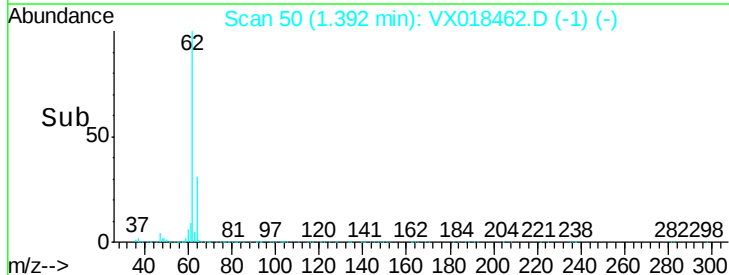
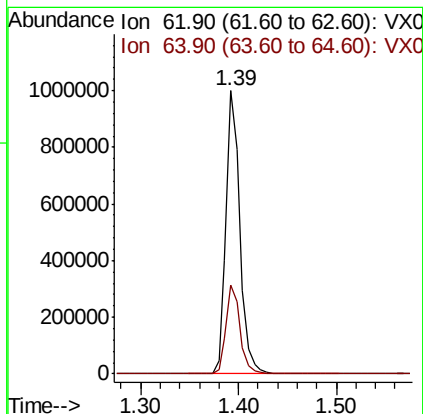
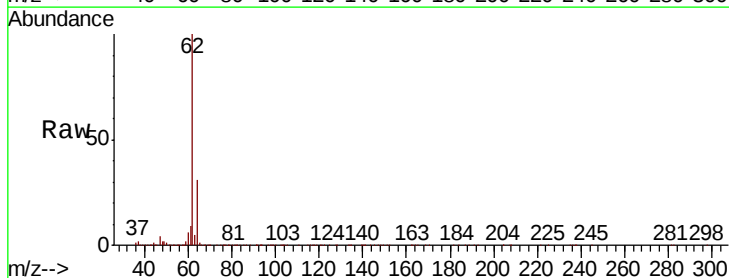
Acq: 17 Sep 2020 11:52

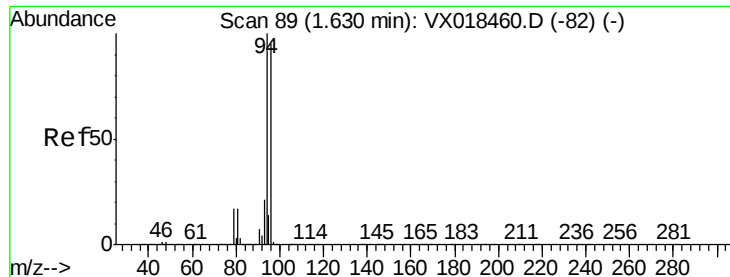
Tgt Ion: 62 Resp: 985019

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5

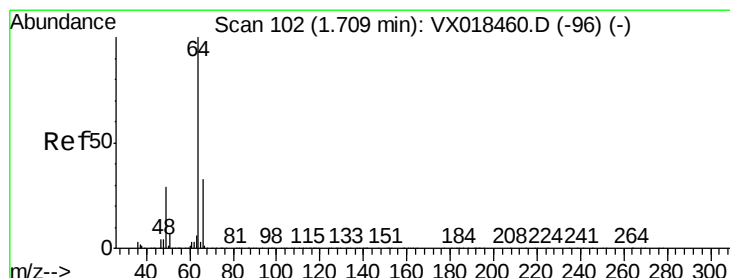
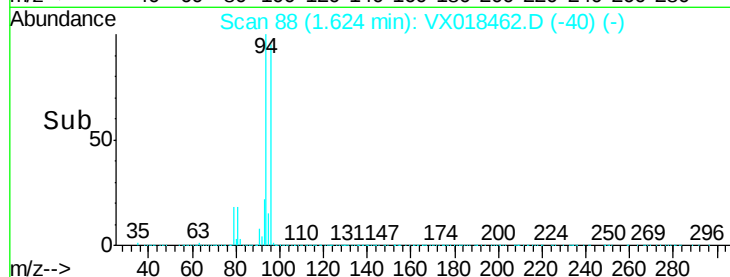
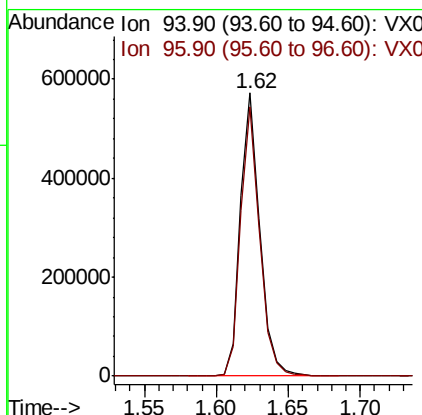
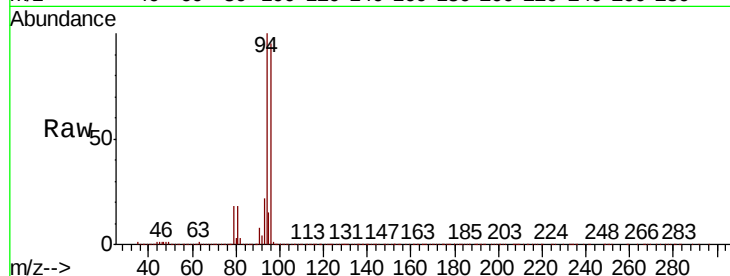




#5
Bromomethane
Concen: 134.247 ug/l
RT: 1.62 min Scan# 88
Delta R.T. -0.01 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

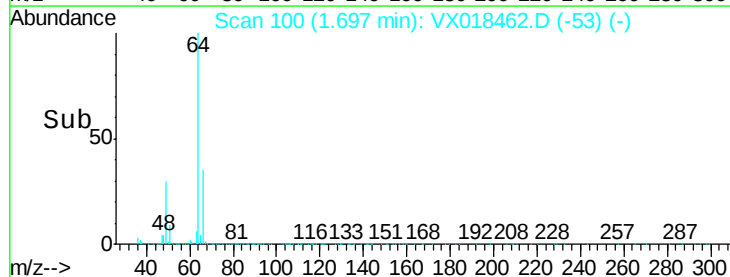
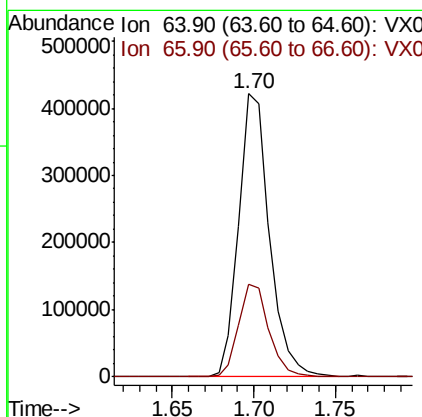
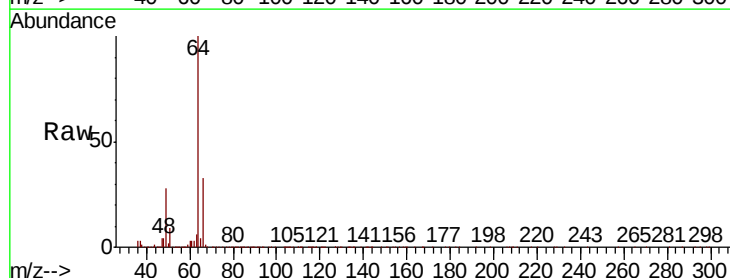
Instrument :
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VSTDIC150

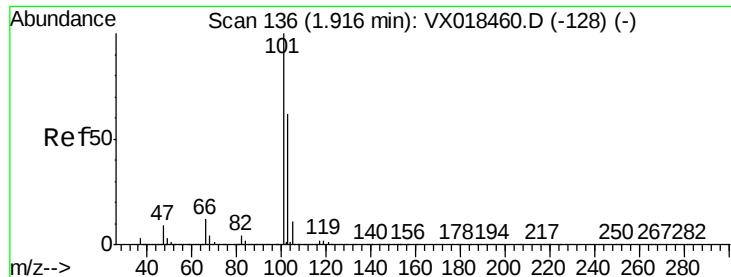
Tot Ion: 94 Resp: 537849
Ion Ratio Lower Upper
94 100
96 95.3 75.5 113.3



#6
Chloroethane
Concen: 148.754 ug/l
RT: 1.70 min Scan# 100
Delta R.T. -0.01 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 64 Resp: 555734
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4



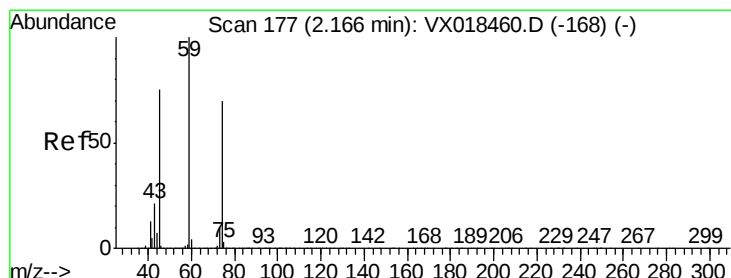
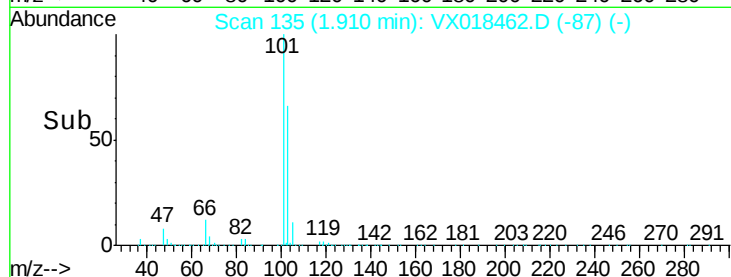
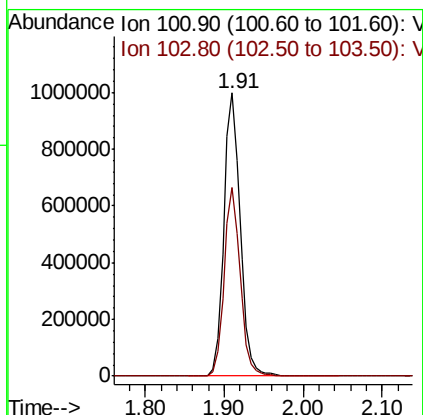
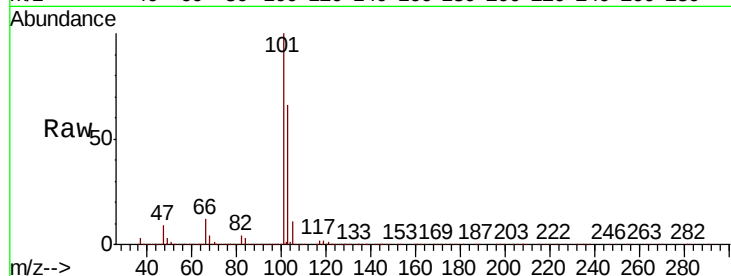


#7

Trichlorofluoromethane
Concen: 144.885 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

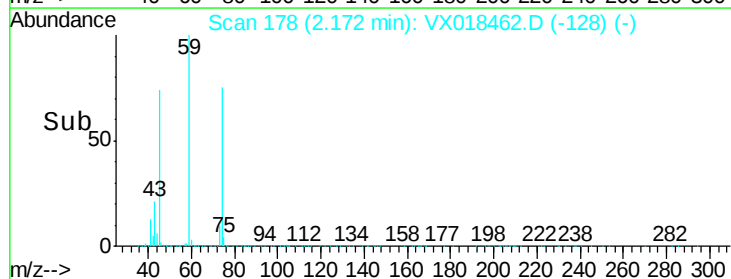
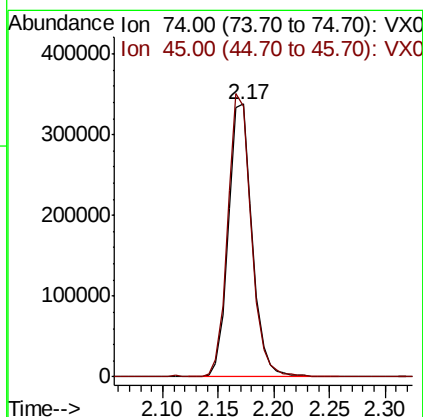
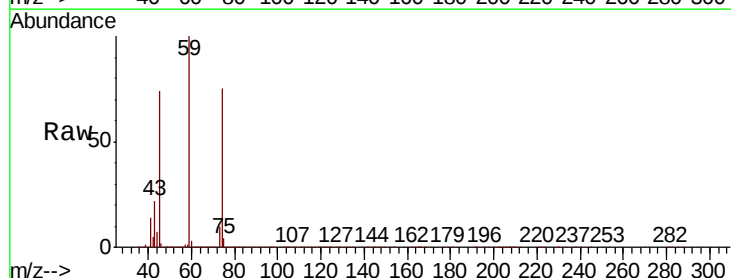
Tot Ion:101 Resp: 1436760
Ion Ratio Lower Upper
101 100
103 66.4 49.6 74.4

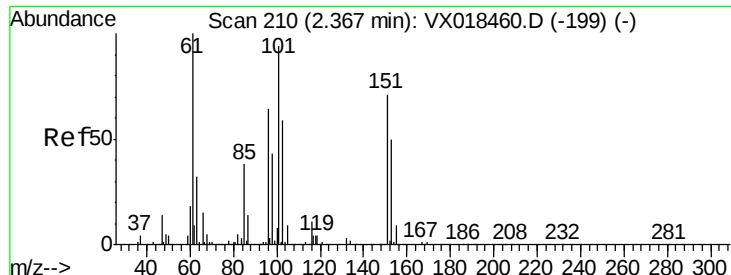


#8

Diethyl Ether
Concen: 142.860 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 74 Resp: 497053
Ion Ratio Lower Upper
74 100
45 102.6 50.7 152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 148.771 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

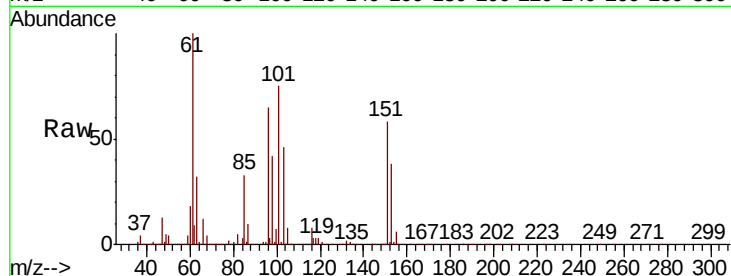
Tot Ion:101 Resp: 794079

Ion Ratio Lower Upper

101 100

85 43.7 34.7 52.1

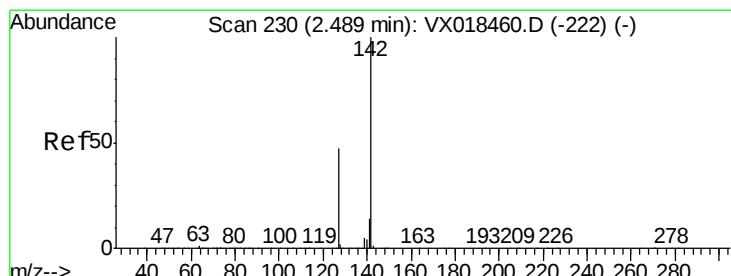
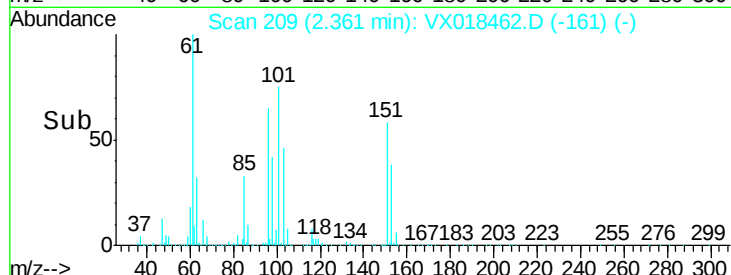
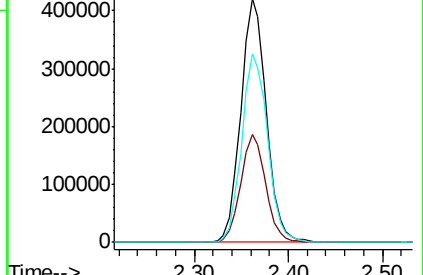
151 79.0 64.9 97.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 151.642 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

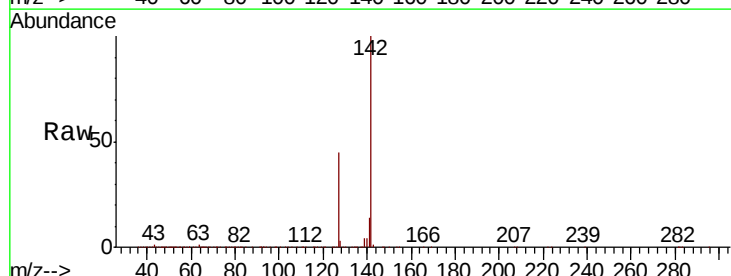
Tgt Ion:142 Resp: 1074663

Ion Ratio Lower Upper

142 100

127 45.4 36.0 54.0

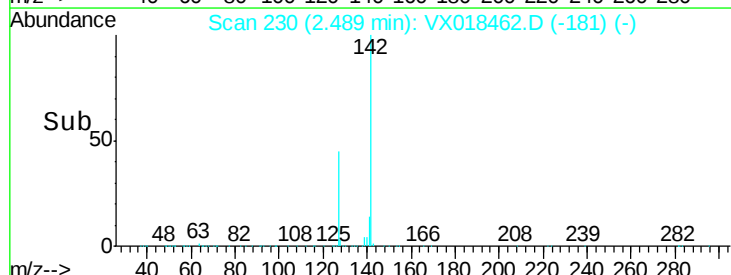
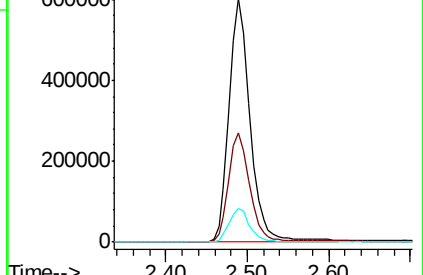
141 13.7 11.9 17.9

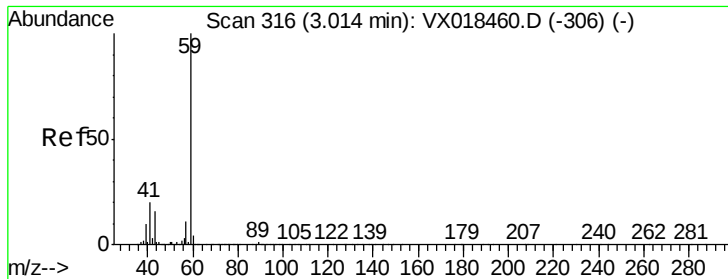


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

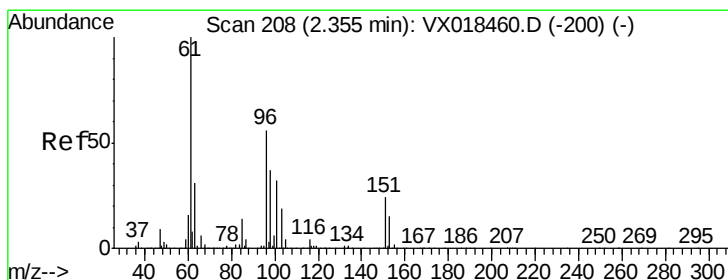
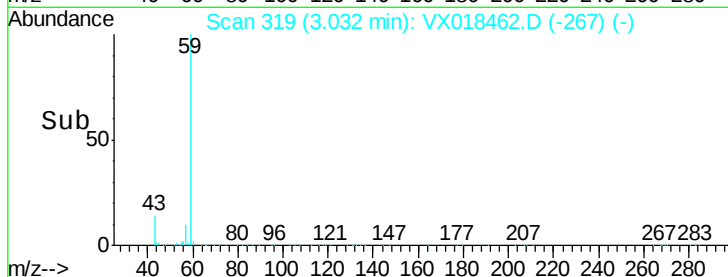
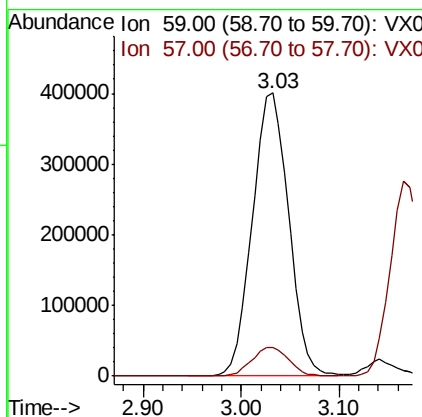
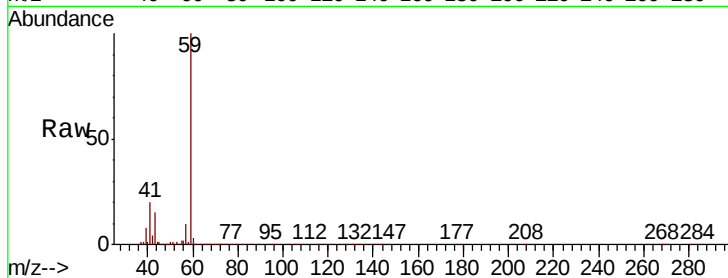




#11
Tert butyl alcohol
Concen: 755.620 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

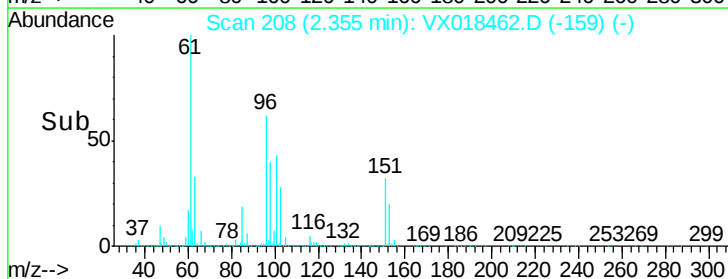
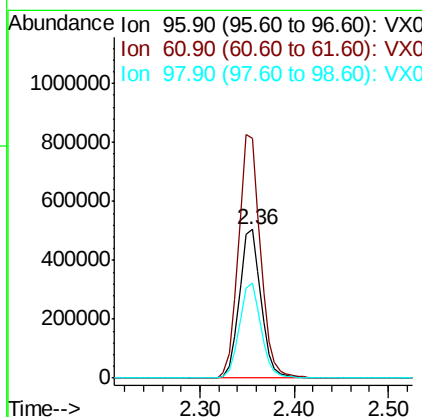
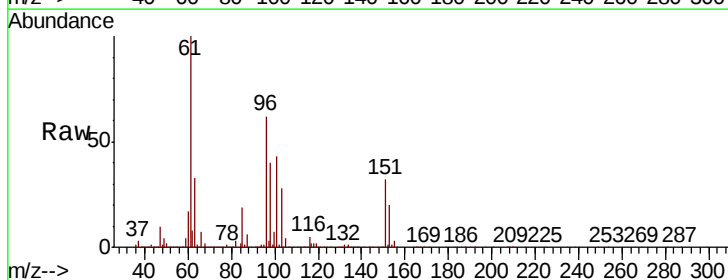
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

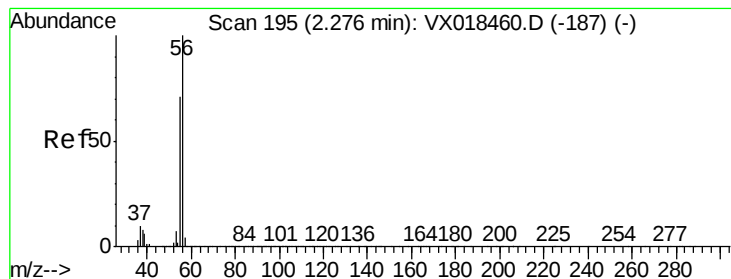
Tot Ion: 59 Resp: 1033208
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 150.385 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 96 Resp: 809038
Ion Ratio Lower Upper
96 100
61 161.2 142.2 213.4
98 64.3 52.4 78.6





#13

Acrolein

Concen: 787.646 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

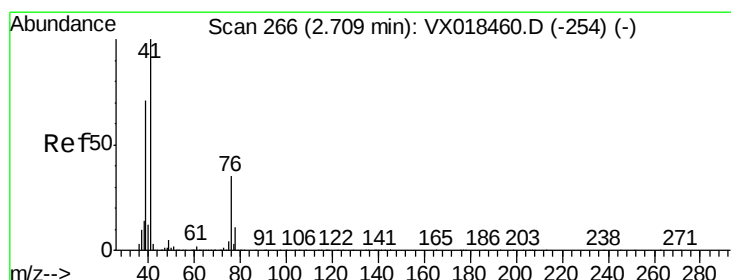
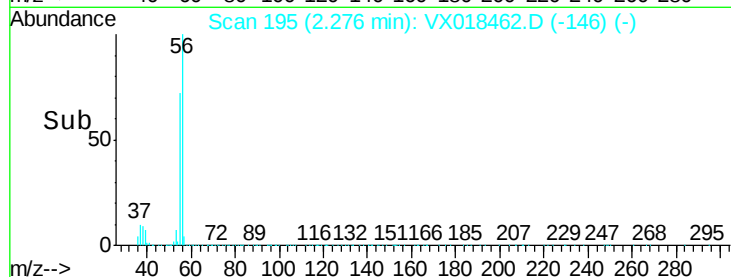
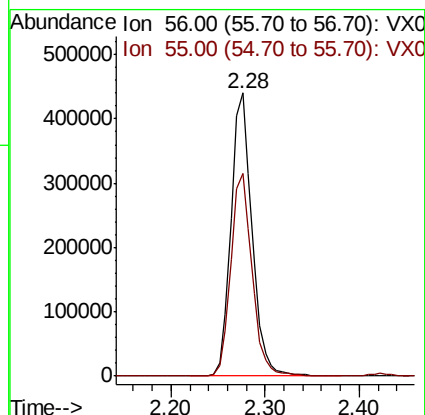
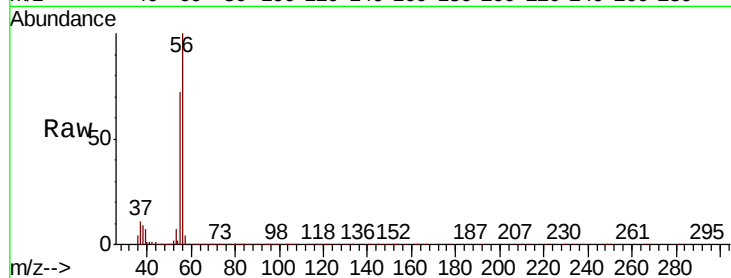
VSTDIC150

Tot Ion: 56 Resp: 681943

Ion Ratio Lower Upper

56 100

55 72.5 58.2 87.4



#14

Allyl chloride

Concen: 149.811 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

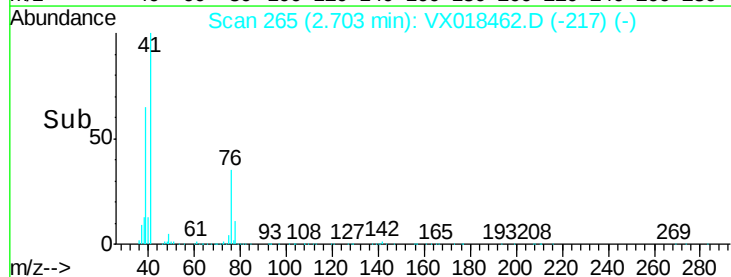
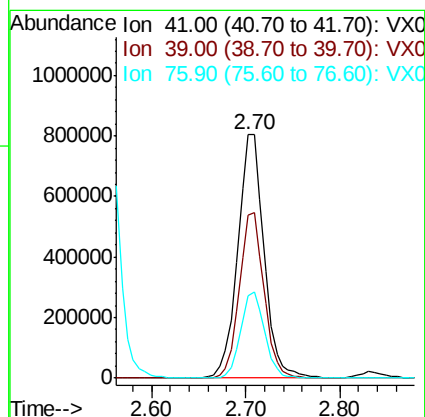
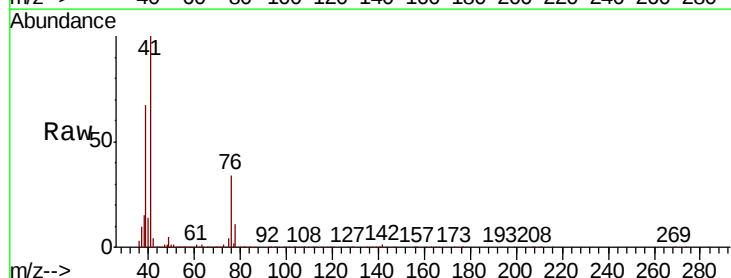
Tgt Ion: 41 Resp: 1561817

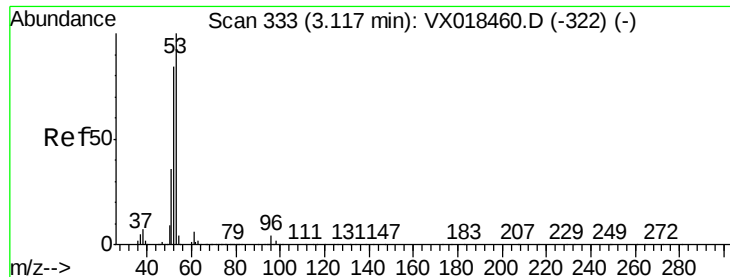
Ion Ratio Lower Upper

41 100

39 63.7 51.1 76.7

76 32.2 26.0 39.0





#15

Acrylonitrile

Concen: 770.769 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

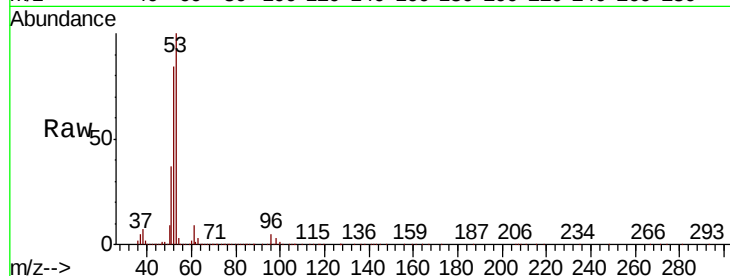
Tot Ion: 53 Resp: 2514703

Ion Ratio Lower Upper

53 100

52 82.8 65.8 98.8

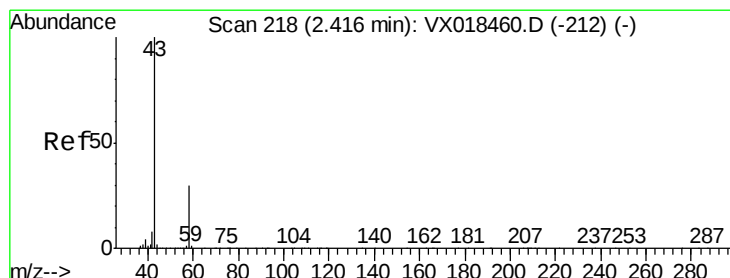
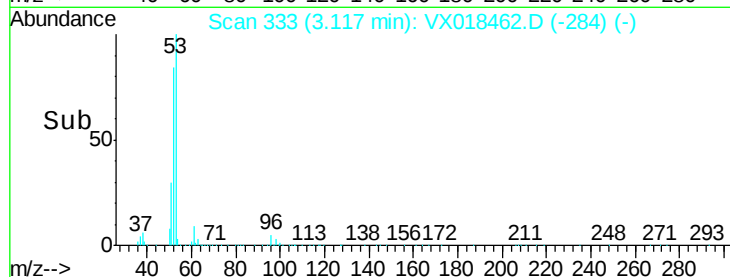
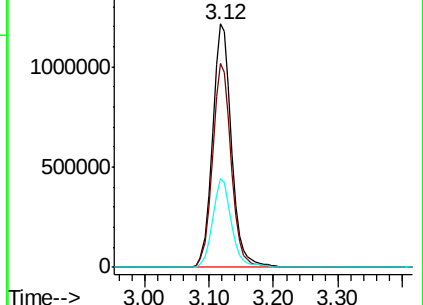
51 36.2 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 715.359 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018462.D

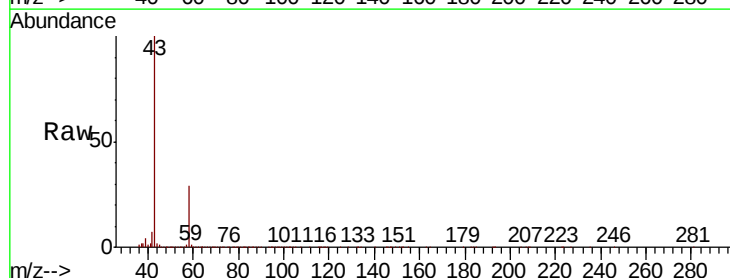
Acq: 17 Sep 2020 11:52

Tgt Ion: 43 Resp: 2149968

Ion Ratio Lower Upper

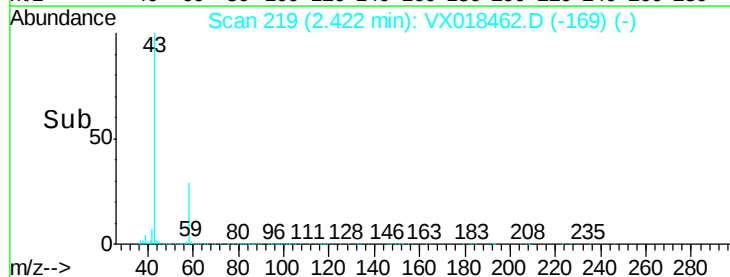
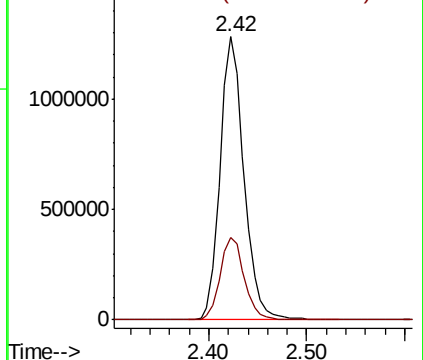
43 100

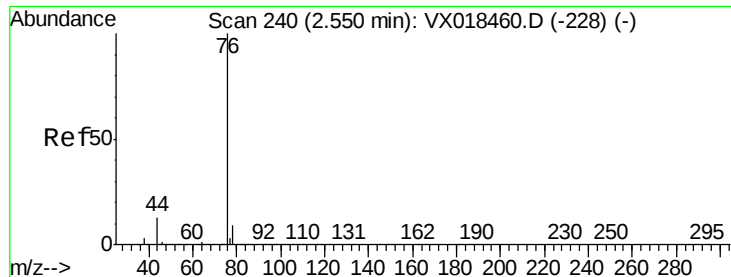
58 29.1 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 148.393 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

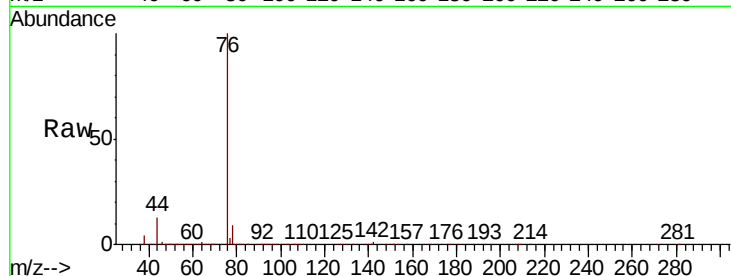
VSTDIC150

Tot Ion: 76 Resp: 2384192

Ion Ratio Lower Upper

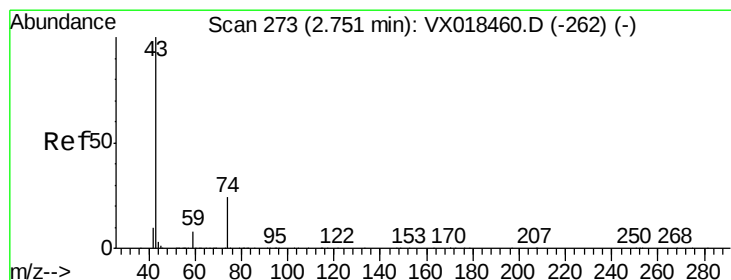
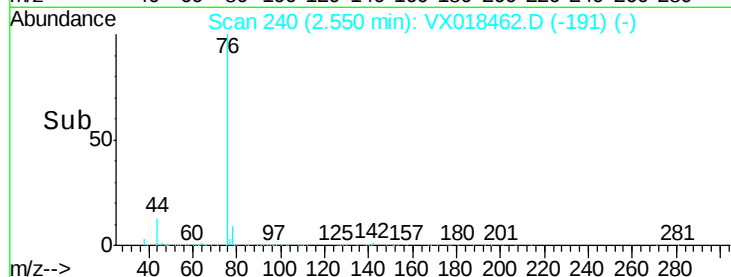
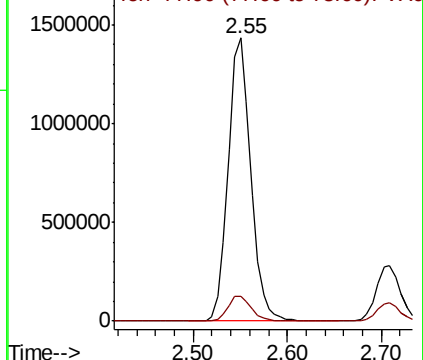
76 100

78 8.9 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 150.913 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018462.D

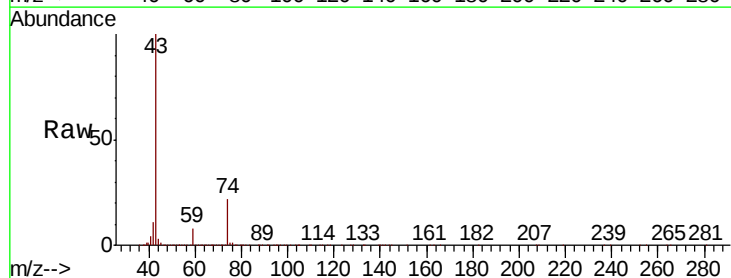
Acq: 17 Sep 2020 11:52

Tgt Ion: 43 Resp: 1123763

Ion Ratio Lower Upper

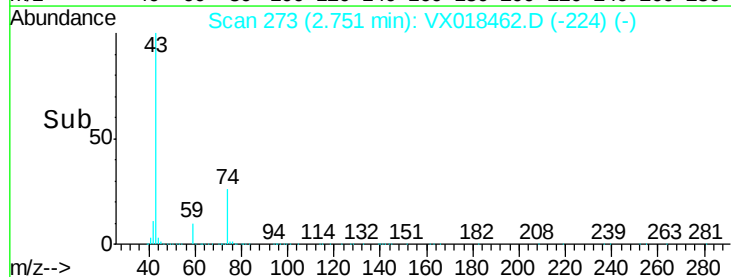
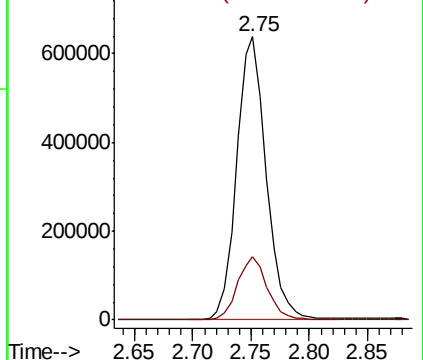
43 100

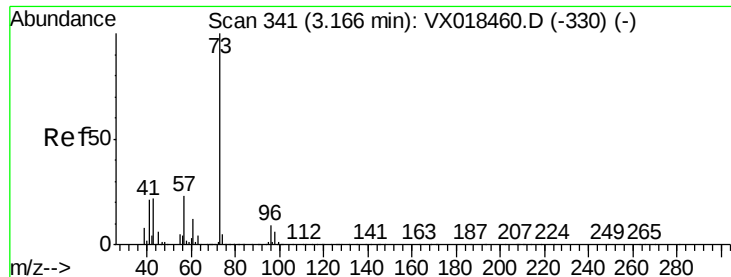
74 22.6 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether
 Concen: 153.292 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX018462.D
 Acq: 17 Sep 2020 11:52

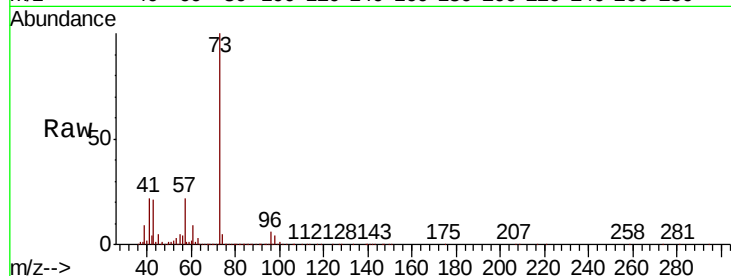
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 73 Resp: 2894948

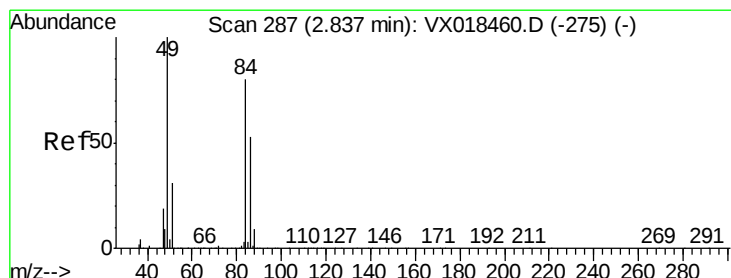
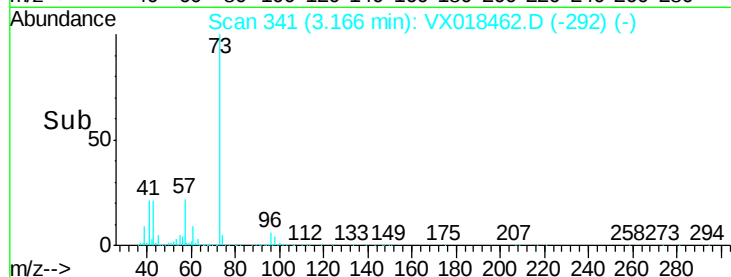
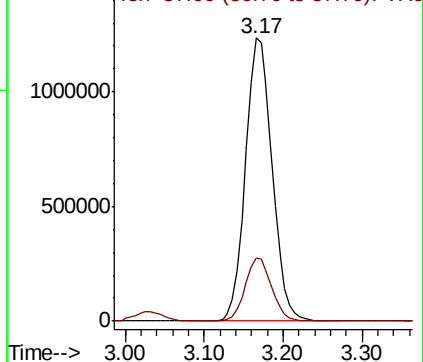
Ion Ratio Lower Upper

73 100

57 22.3 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride
 Concen: 138.502 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX018462.D
 Acq: 17 Sep 2020 11:52

Tgt Ion: 84 Resp: 918423

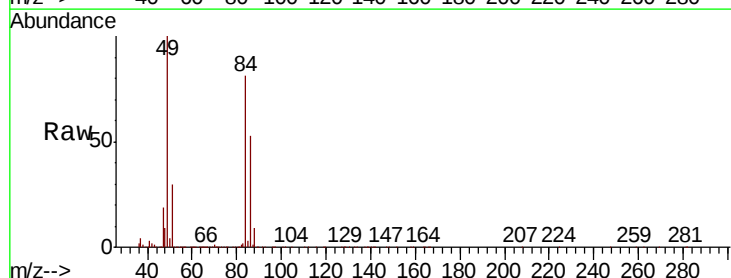
Ion Ratio Lower Upper

84 100

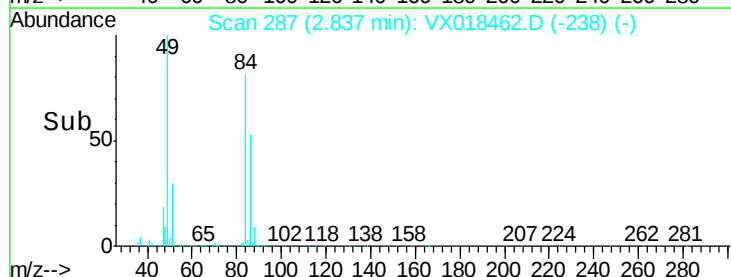
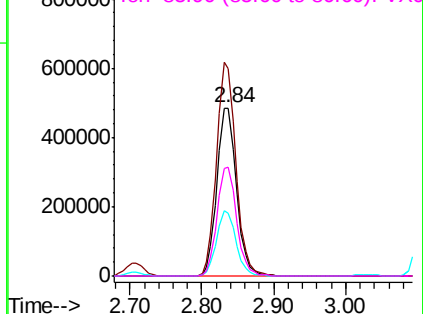
49 123.5 100.6 151.0

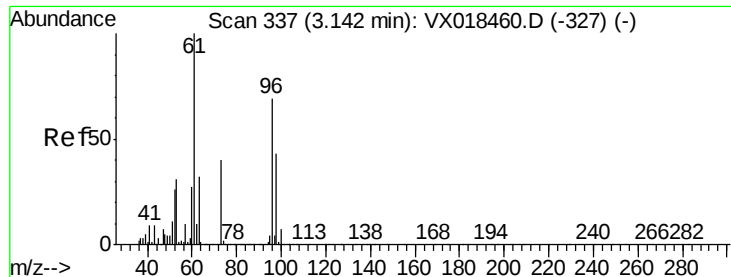
51 37.5 30.9 46.3

86 65.1 53.5 80.3



Abundance Ion 83.90 (83.60 to 84.60): VX0
 Ion 48.90 (48.60 to 49.60): VX0
 Ion 50.90 (50.60 to 51.60): VX0
 Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 144.802 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

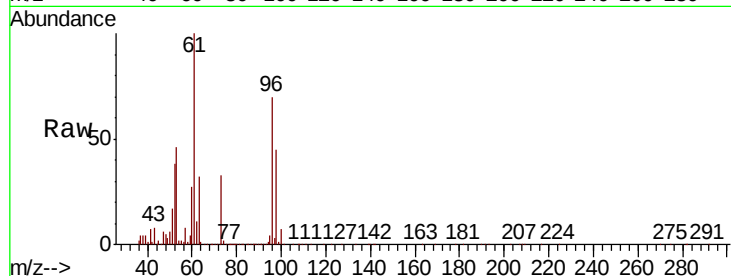
Tot Ion: 96 Resp: 905357

Ion Ratio Lower Upper

96 100

61 142.8 115.6 173.4

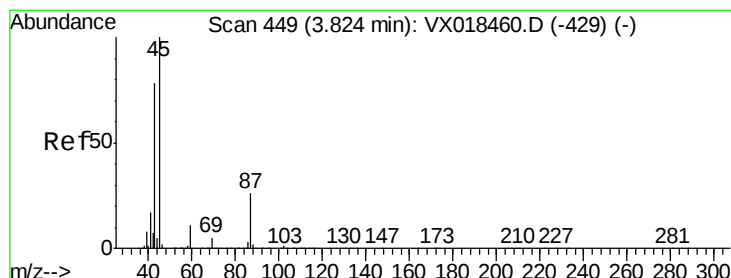
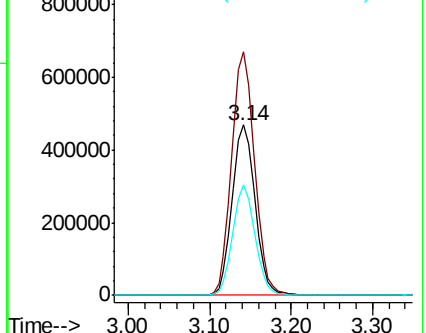
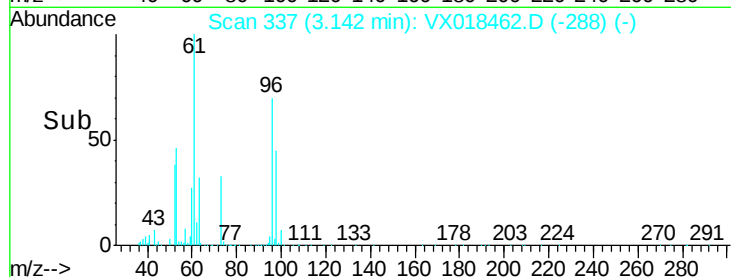
98 64.8 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 151.190 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Tgt Ion: 45 Resp: 2962728

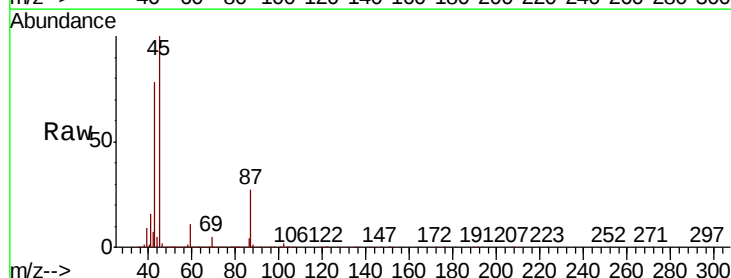
Ion Ratio Lower Upper

45 100

43 78.2 62.4 93.6

87 27.0 21.2 31.8

59 10.8 8.9 13.3

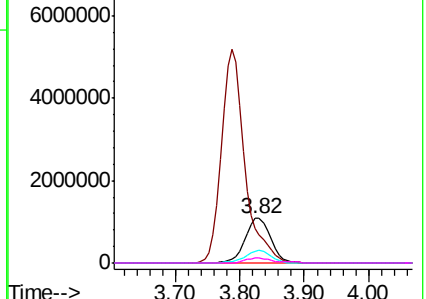
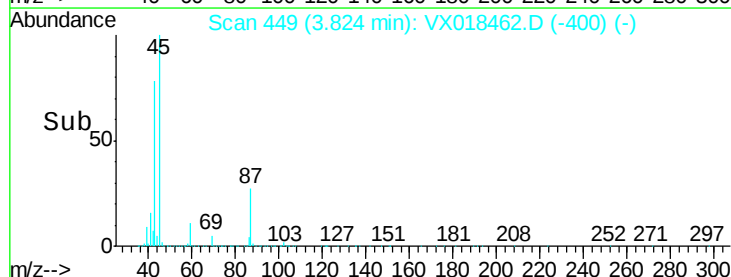


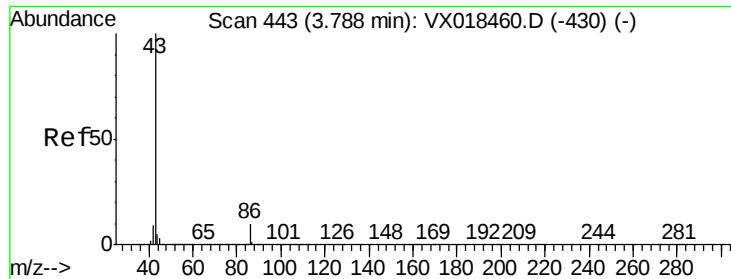
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 766.782 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

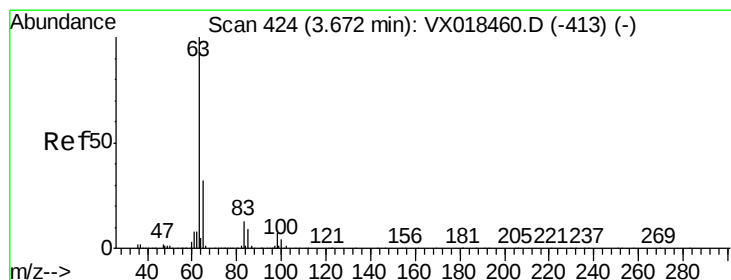
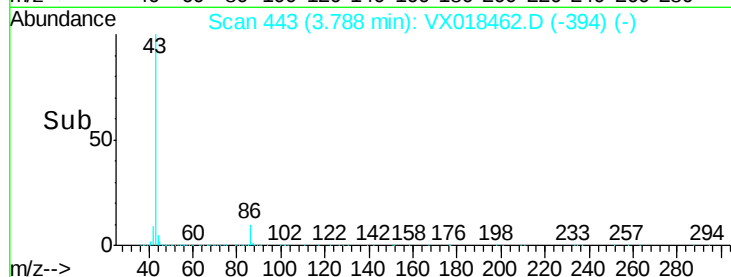
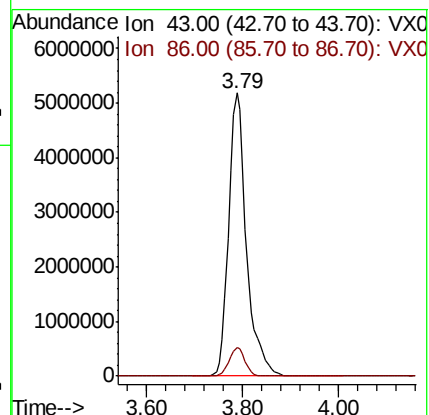
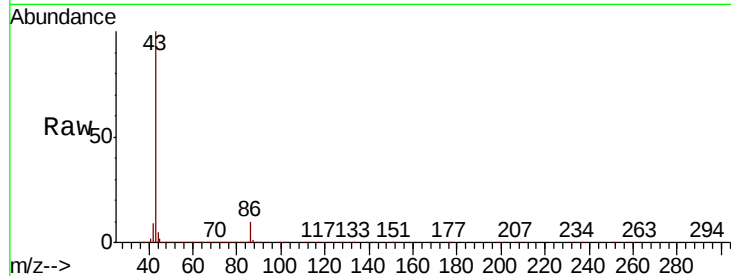
VSTDIC150

Tot Ion: 43 Resp:13314755

Ion Ratio Lower Upper

43 100

86 10.2 8.1 12.1



#24

1,1-Dichloroethane

Concen: 147.010 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

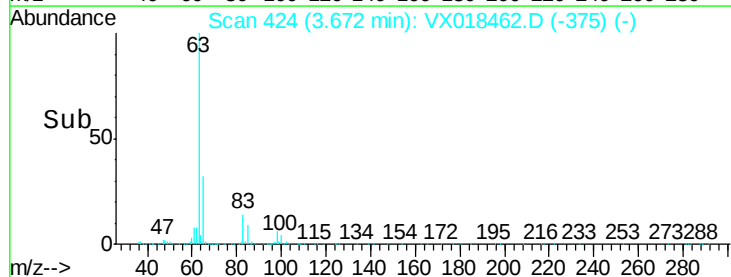
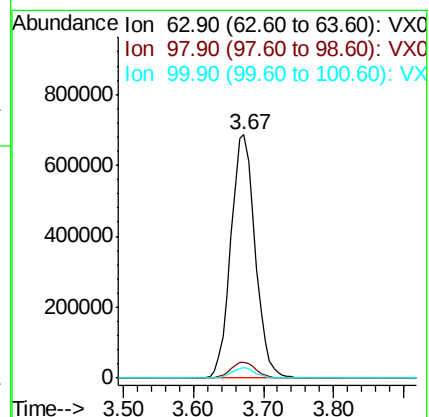
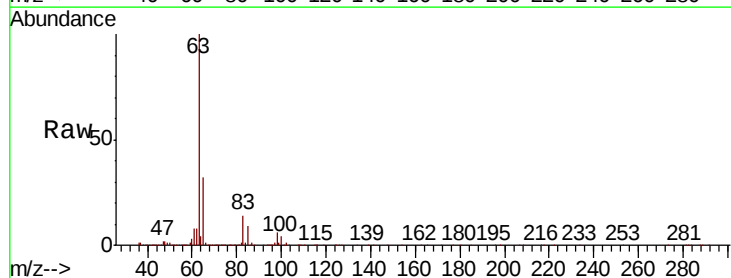
Tgt Ion: 63 Resp: 1661408

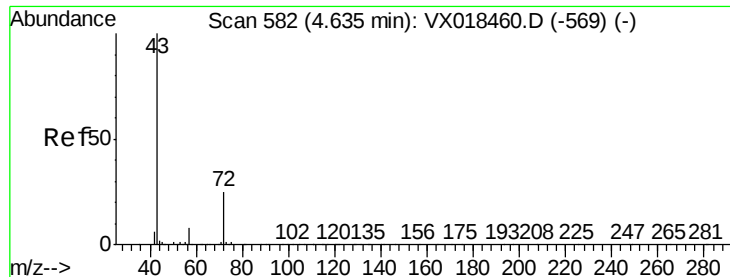
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.6

100 4.5 1.9 5.7





#25

2-Butanone

Concen: 773.742 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

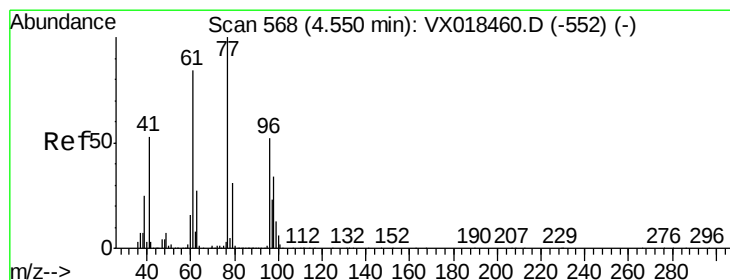
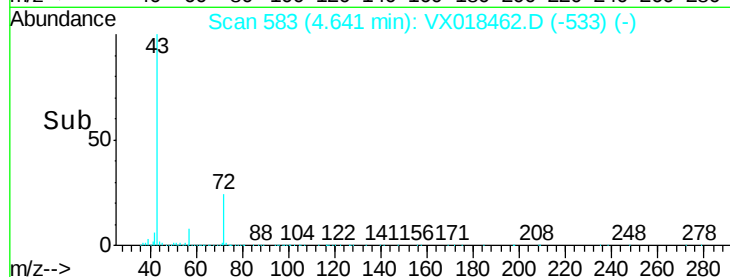
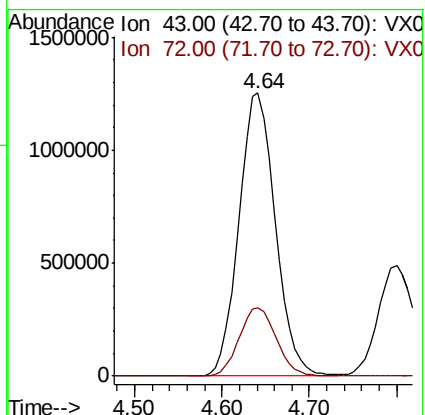
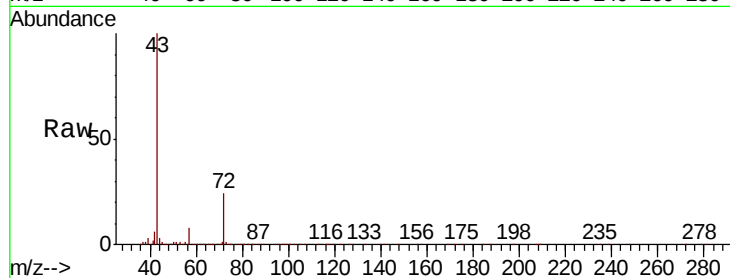
VSTDIC150

Tot Ion: 43 Resp: 3621315

Ion Ratio Lower Upper

43 100

72 24.2 20.2 30.4



#26

2,2-Dichloropropane

Concen: 143.411 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018462.D

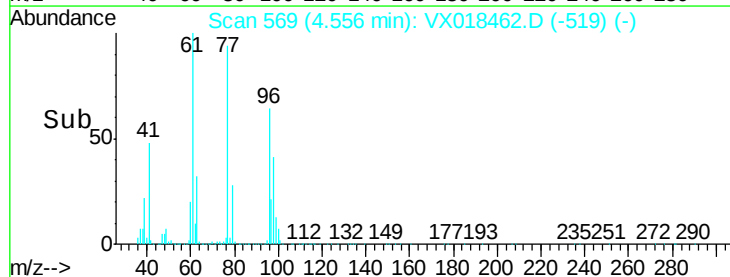
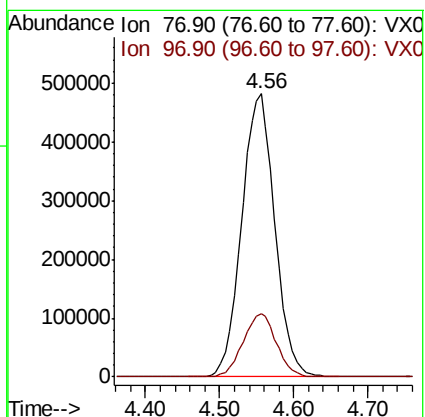
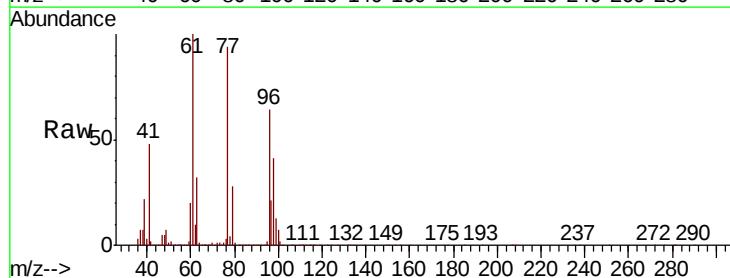
Acq: 17 Sep 2020 11:52

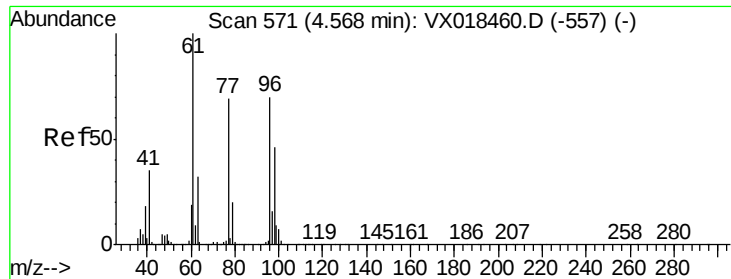
Tgt Ion: 77 Resp: 1497481

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.5



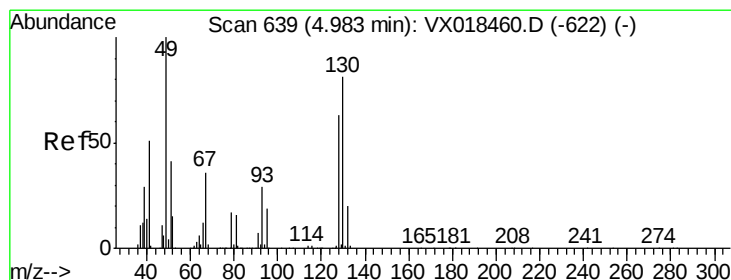
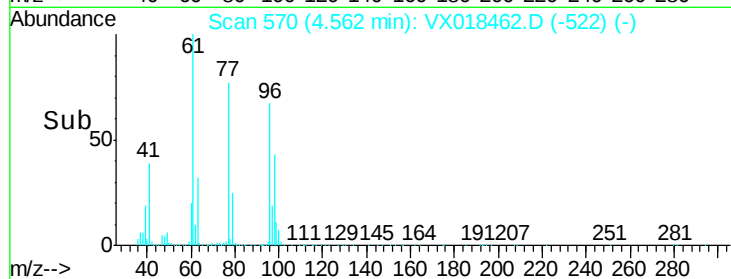
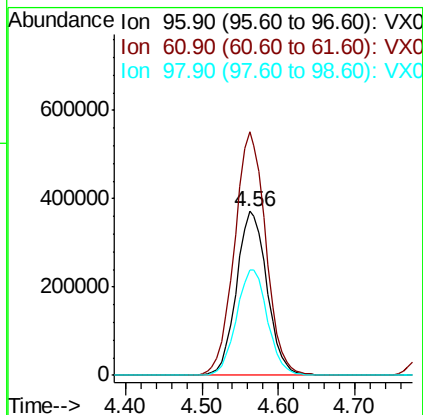
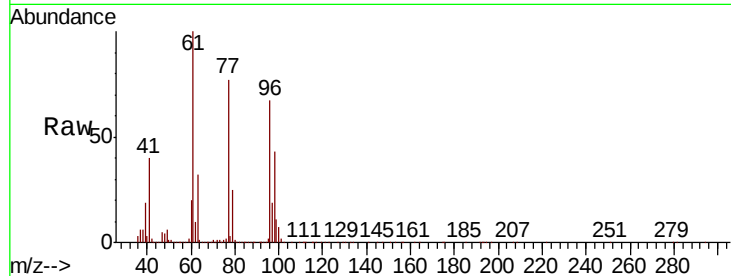


#27

cis-1,2-Dichloroethene
Concen: 146.775 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

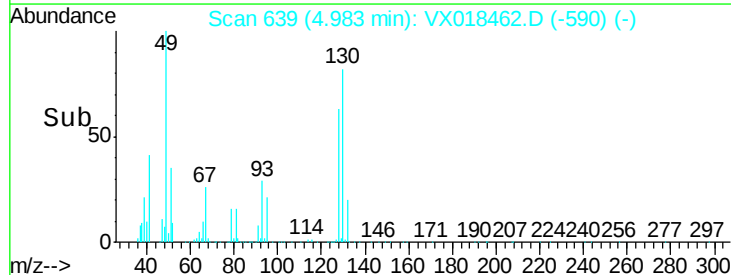
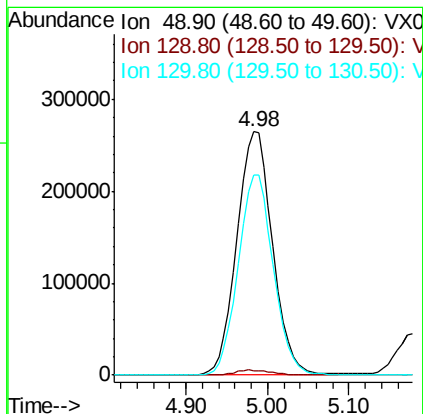
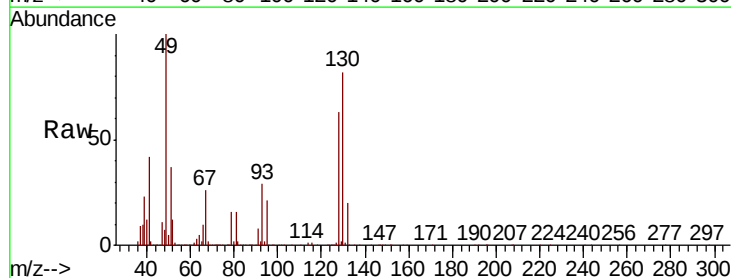
Tot Ion: 96 Resp: 1028587
Ion Ratio Lower Upper
96 100
61 152.2 0.0 300.0
98 65.5 0.0 130.4

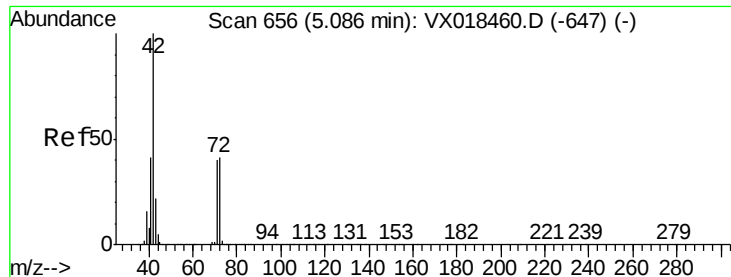


#28

Bromochloromethane
Concen: 152.009 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 49 Resp: 803879
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 81.0 65.0 97.4





#29

Tetrahydrofuran

Concen: 783.401 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

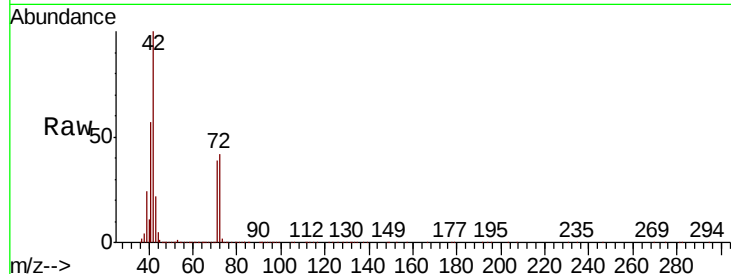
Tot Ion: 42 Resp: 2310953

Ion Ratio Lower Upper

42 100

72 42.9 34.3 51.5

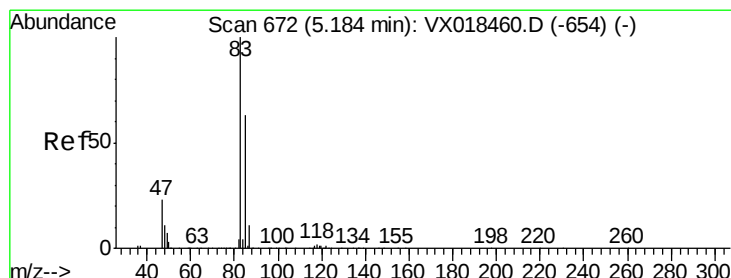
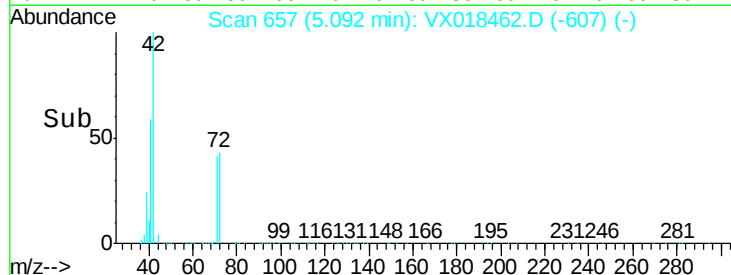
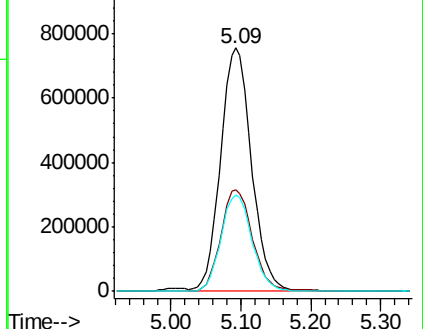
71 39.9 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 148.952 ug/l

RT: 5.18 min Scan# 672

Delta R.T. -0.00 min

Lab File: VX018462.D

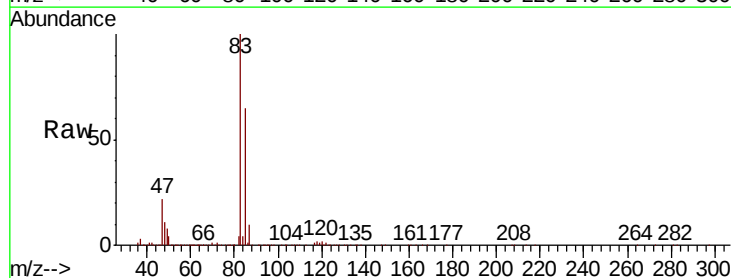
Acq: 17 Sep 2020 11:52

Tgt Ion: 83 Resp: 1707979

Ion Ratio Lower Upper

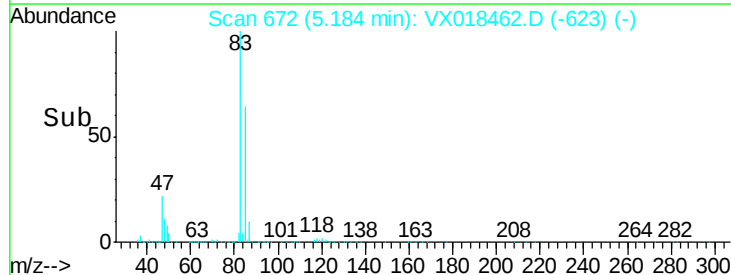
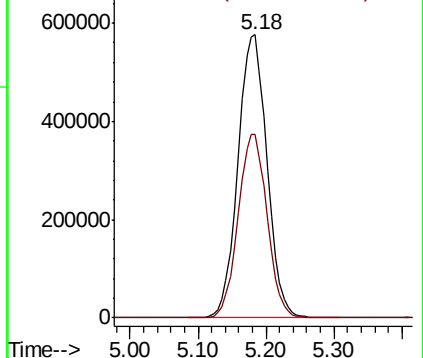
83 100

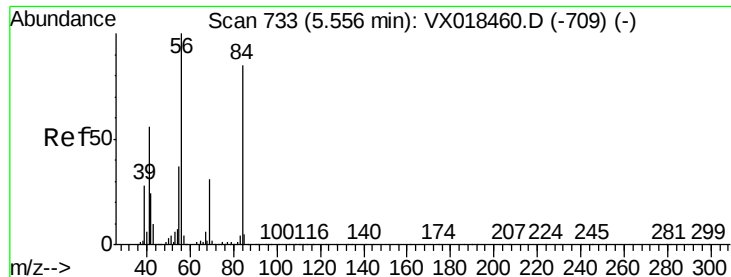
85 65.0 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

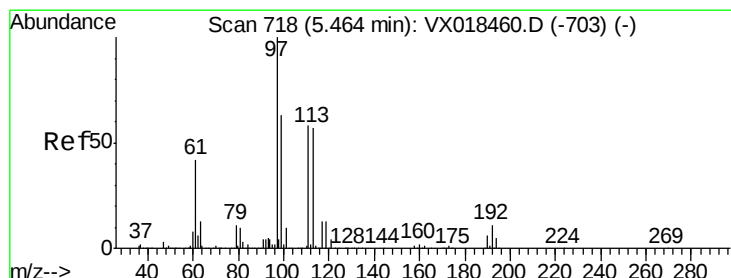
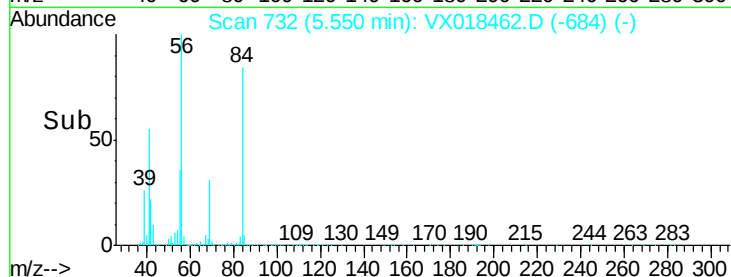
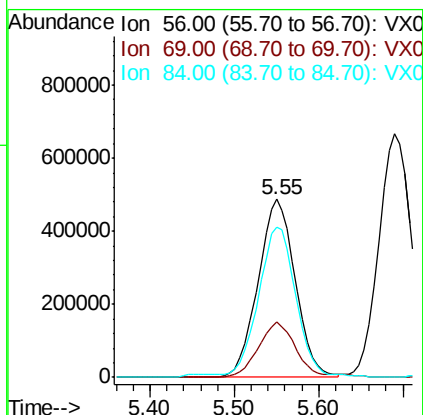
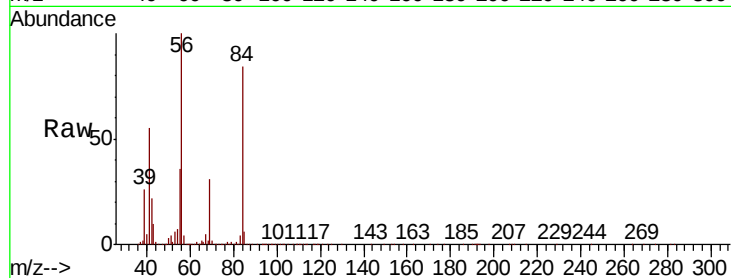




#31
Cyclohexane
Concen: 154.753 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

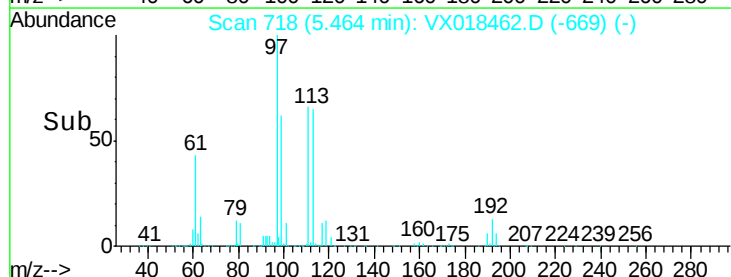
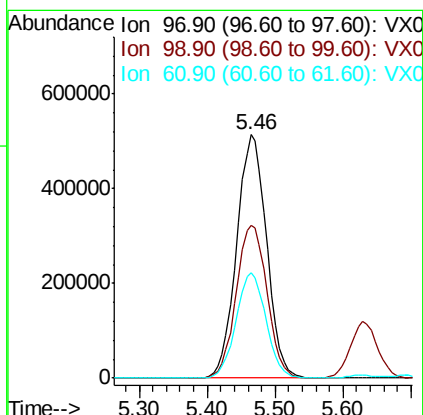
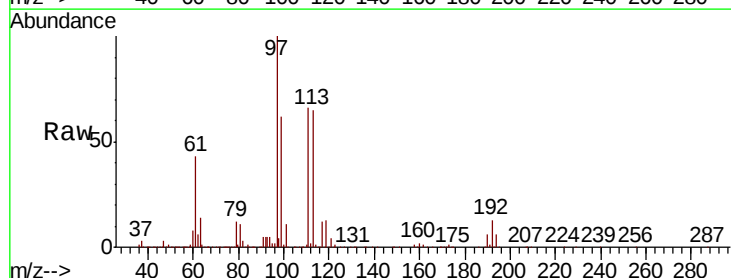
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

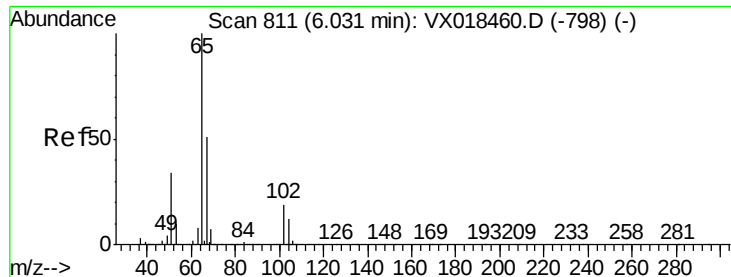
Tot Ion: 56 Resp: 1471736
Ion Ratio Lower Upper
56 100
69 31.0 24.8 37.2
84 82.8 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 146.195 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 97 Resp: 1572669
Ion Ratio Lower Upper
97 100
99 64.7 50.5 75.7
61 43.3 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 151.285 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

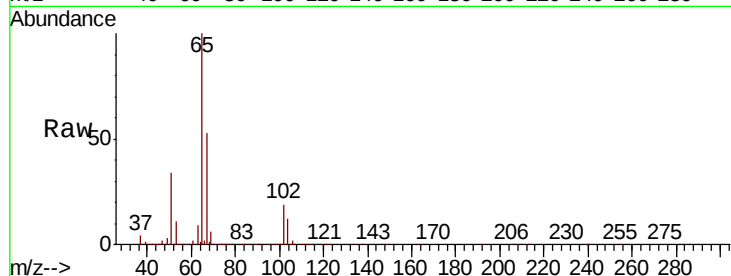
VSTDIC150

Tot Ion: 65 Resp: 1188887

Ion Ratio Lower Upper

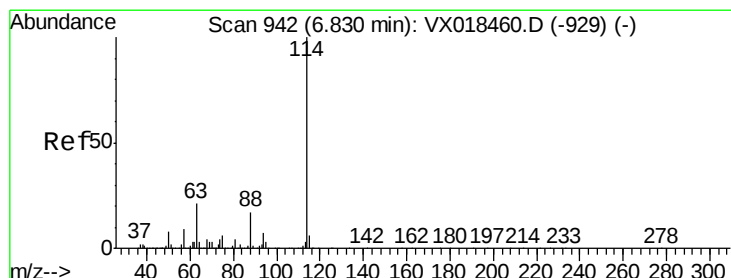
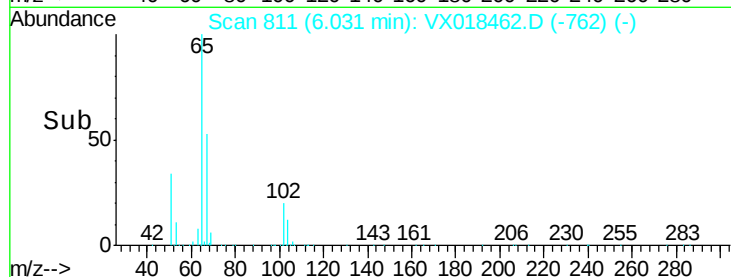
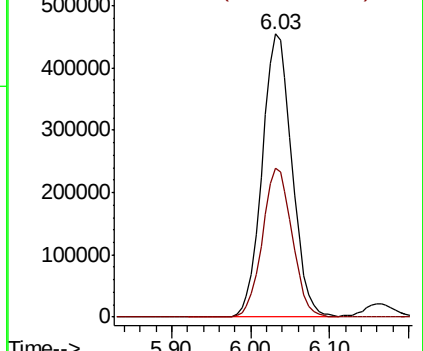
65 100

67 52.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

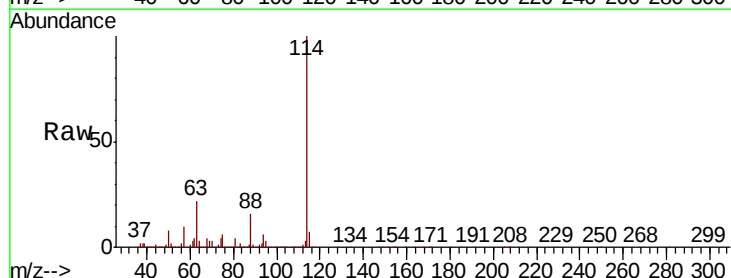
Tgt Ion: 114 Resp: 914613

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.8

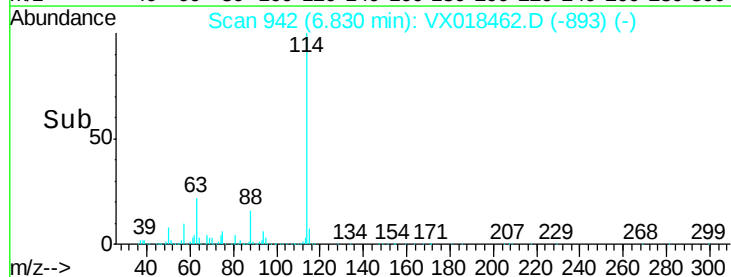
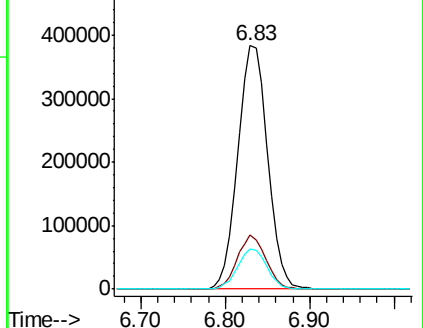
88 16.4 0.0 33.6

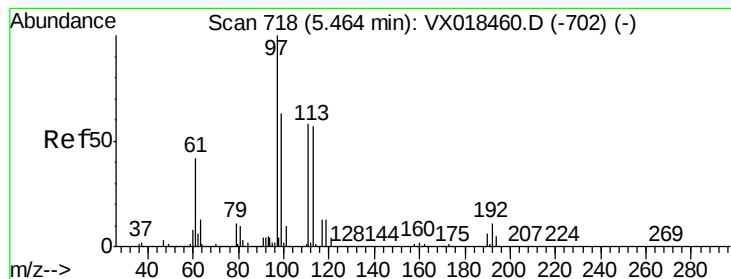


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 149.643 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

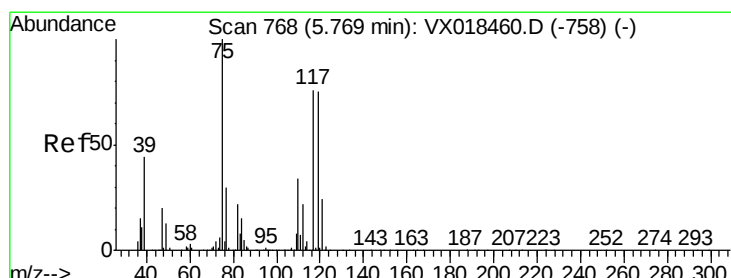
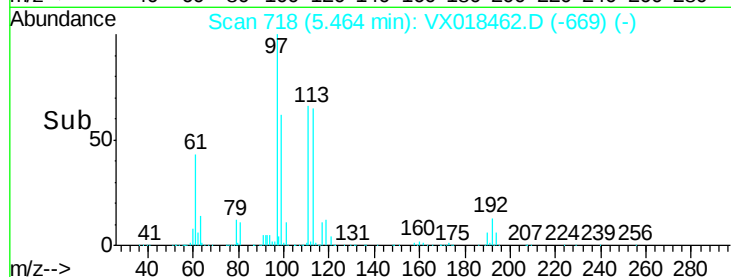
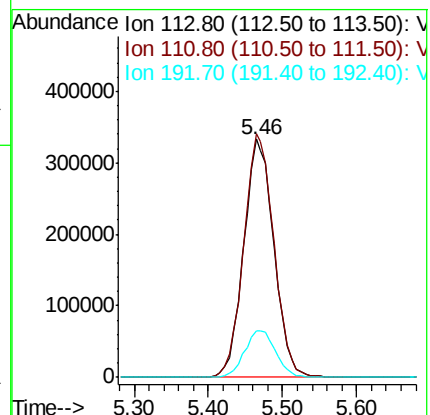
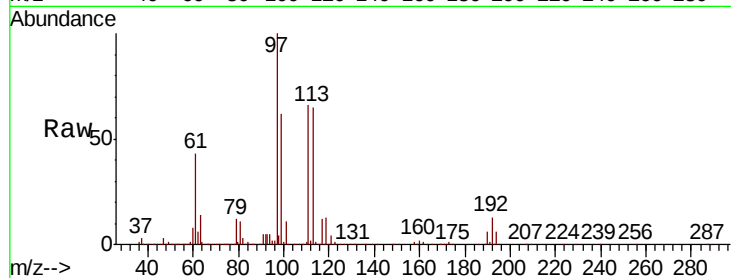
Tot Ion:113 Resp: 946170

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.2

192 20.3 16.6 24.8



#36

1,1-Dichloropropene

Concen: 146.855 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

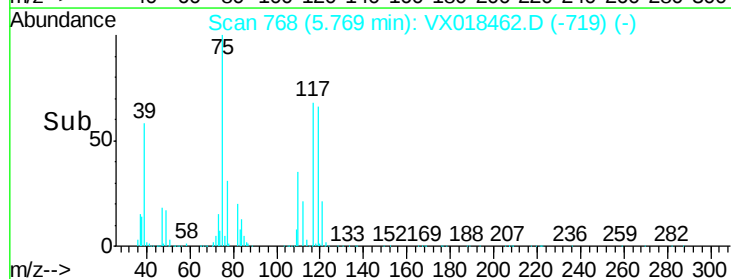
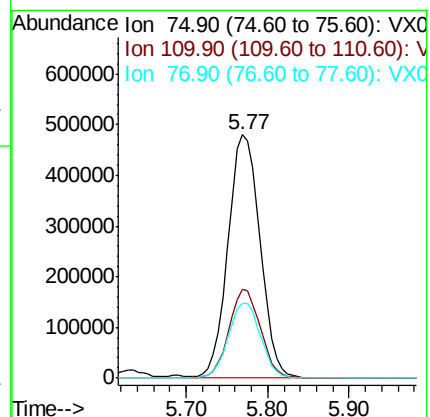
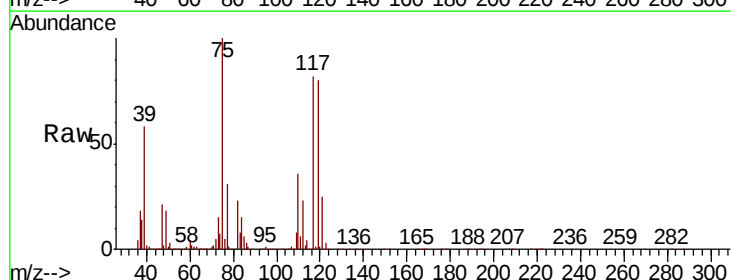
Tgt Ion: 75 Resp: 1303676

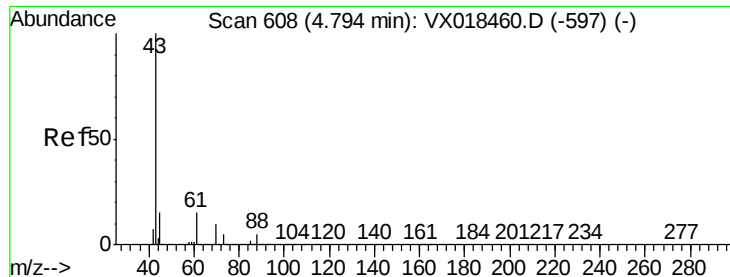
Ion Ratio Lower Upper

75 100

110 35.6 17.6 52.8

77 30.9 25.0 37.6

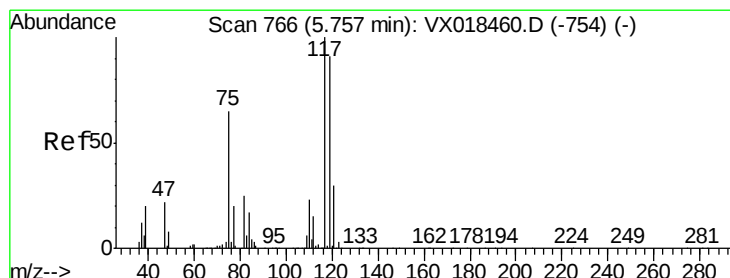
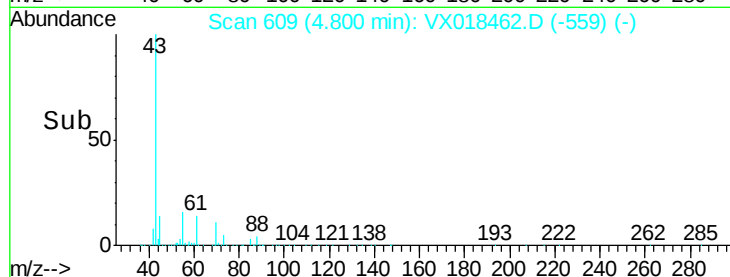
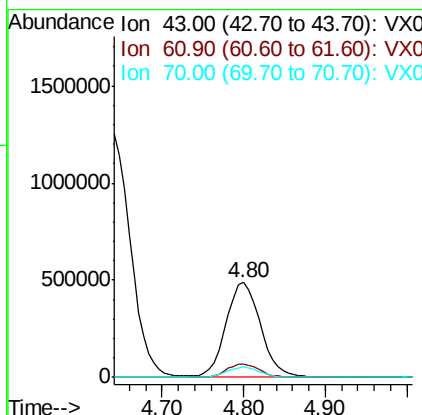
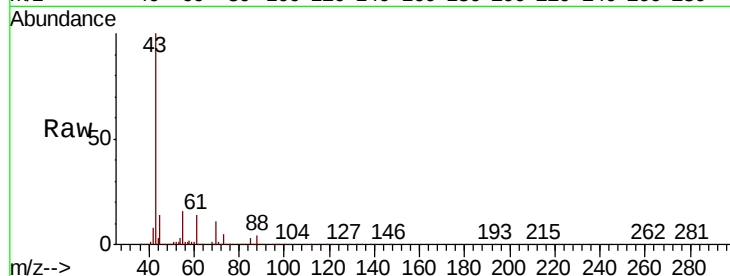




#37
Ethyl Acetate
Concen: 149.901 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

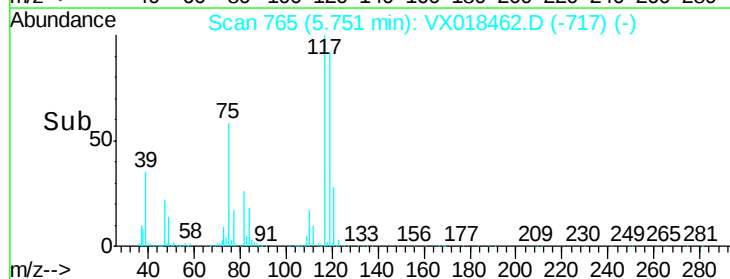
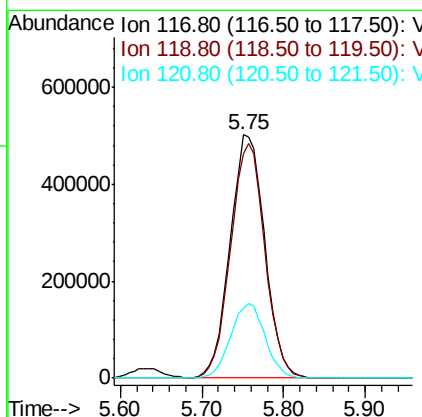
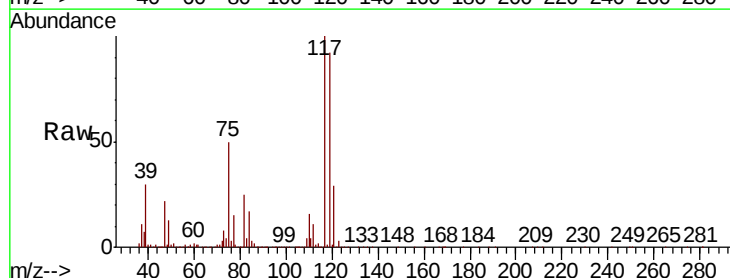
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

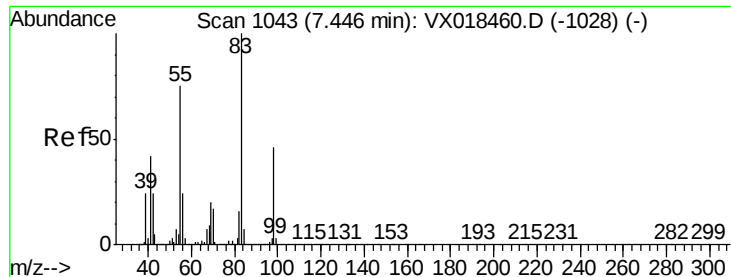
Tot Ion: 43 Resp: 1421009
Ion Ratio Lower Upper
43 100
61 13.7 10.9 16.3
70 10.5 8.3 12.5



#38
Carbon Tetrachloride
Concen: 149.758 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 117 Resp: 1472367
Ion Ratio Lower Upper
117 100
119 92.0 72.3 108.5
121 28.7 23.8 35.8



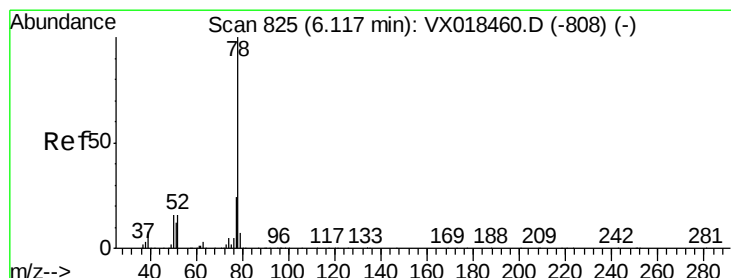
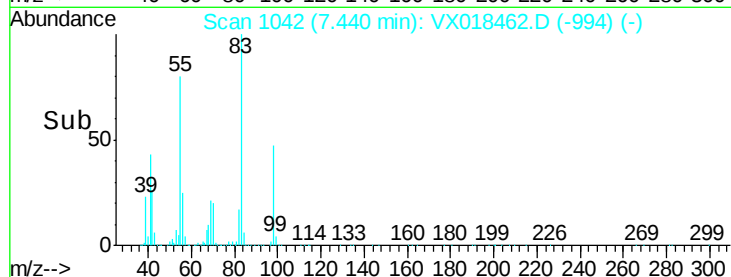
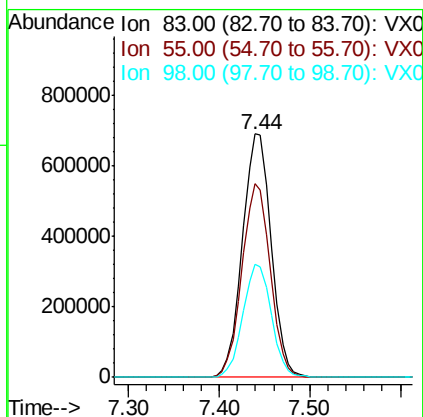
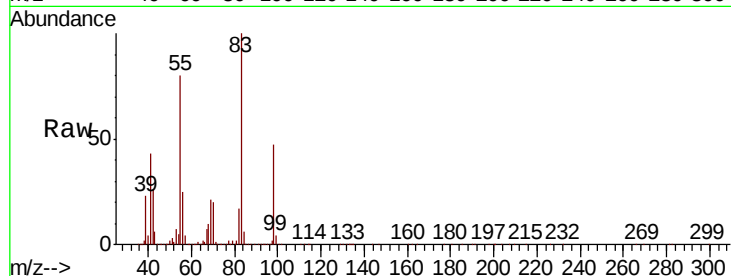


#39
Methvlcvclohexane
Concen: 152.609 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 83 Resp: 1522032

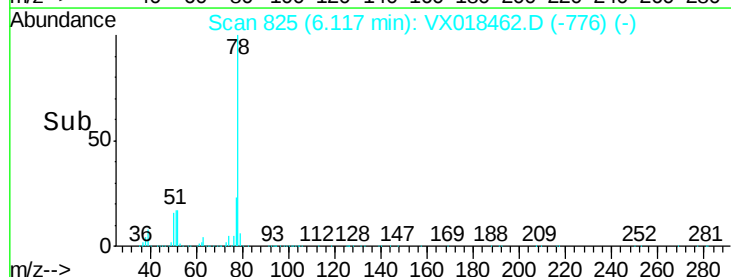
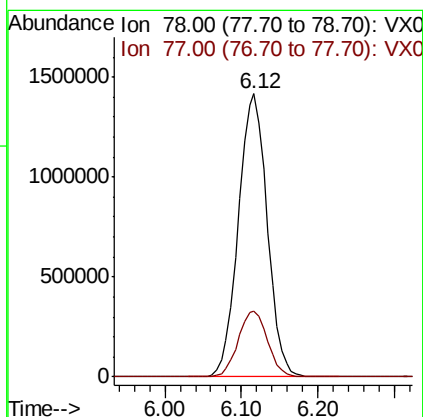
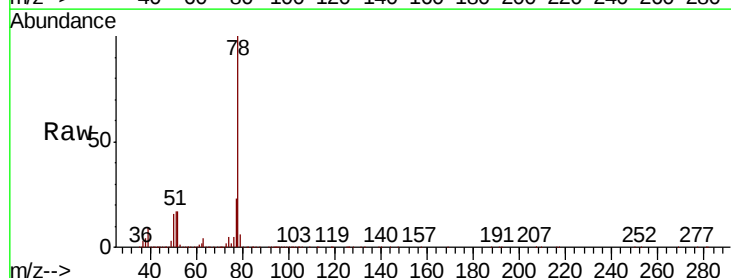
Ion	Ratio	Lower	Upper
83	100		
55	79.7	60.2	90.4
98	46.7	36.4	54.6

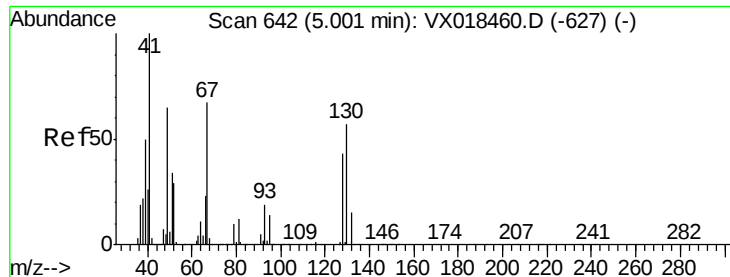


#40
Benzene
Concen: 145.566 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 78 Resp: 3703326

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





#41

Methacrylonitrile

Concen: 152.556 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 803582

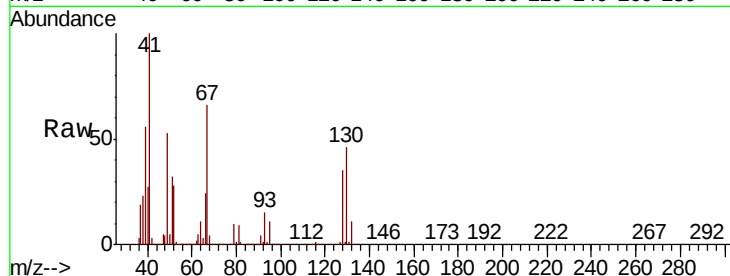
Ion Ratio Lower Upper

41 100

39 54.3 45.3 67.9

67 67.7 56.7 85.1

52 27.7 23.4 35.0

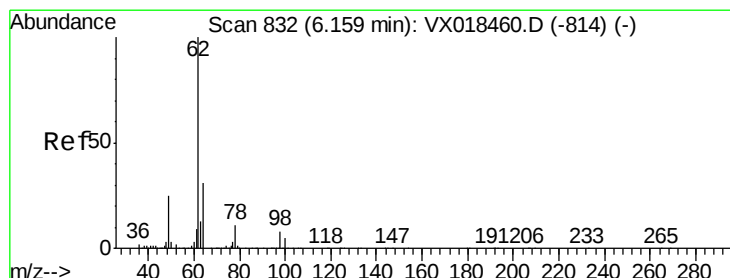
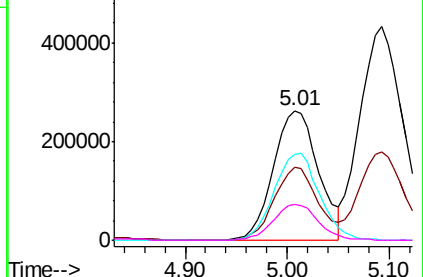
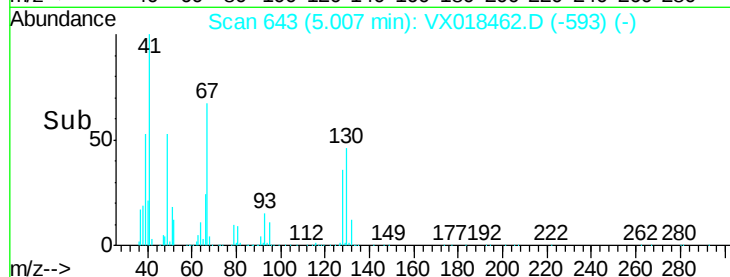


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 145.256 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX018462.D

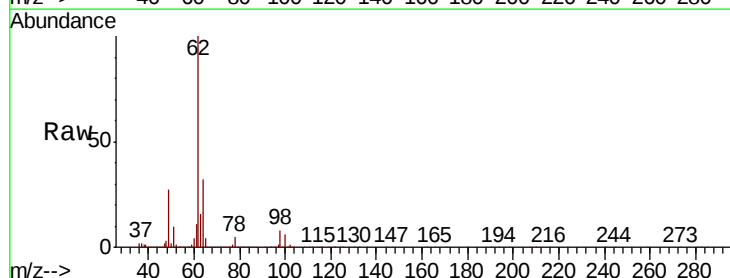
Acq: 17 Sep 2020 11:52

Tgt Ion: 62 Resp: 1437666

Ion Ratio Lower Upper

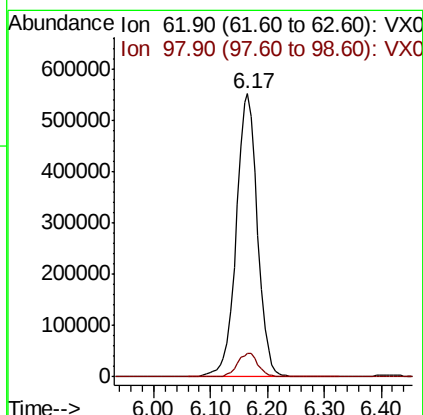
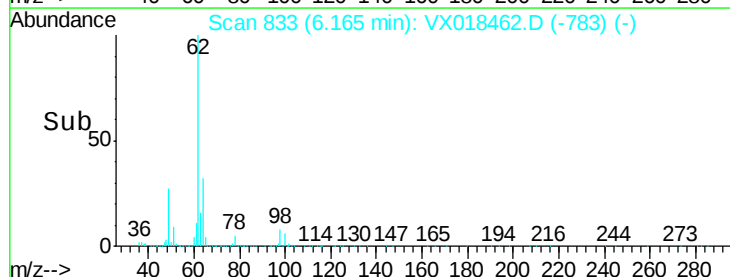
62 100

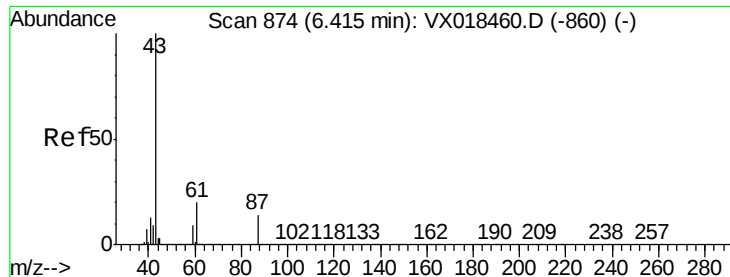
98 8.3 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 154.017 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

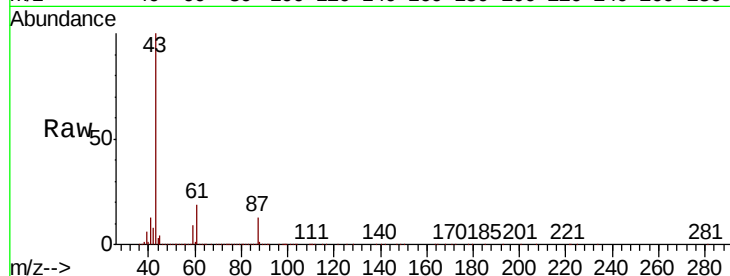
Tot Ion: 43 Resp: 2422805

Ion Ratio Lower Upper

43 100

61 19.4 15.7 23.5

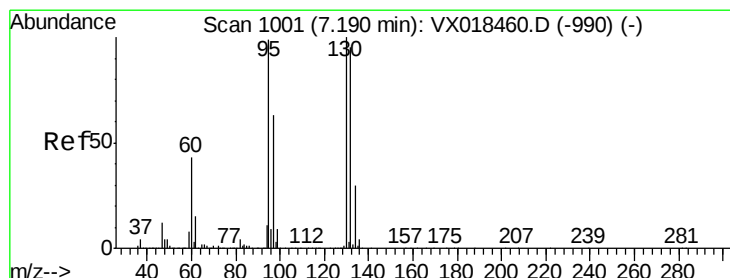
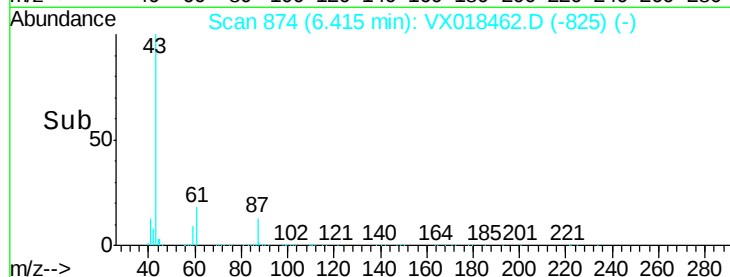
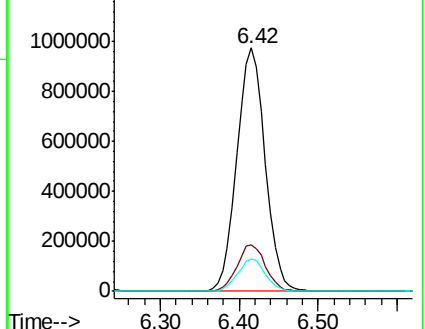
87 13.0 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 145.191 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018462.D

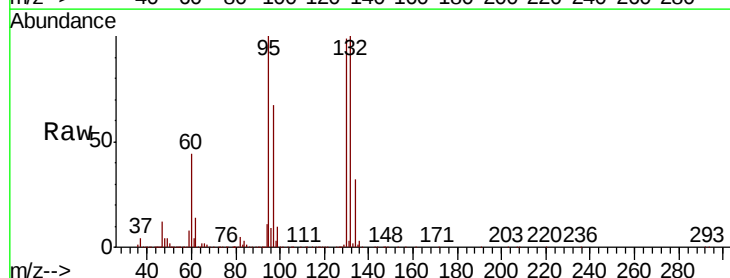
Acq: 17 Sep 2020 11:52

Tgt Ion:130 Resp: 1069302

Ion Ratio Lower Upper

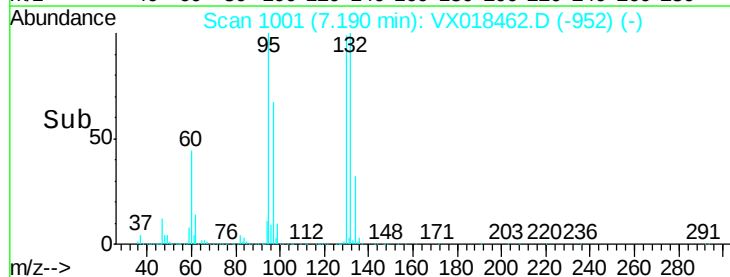
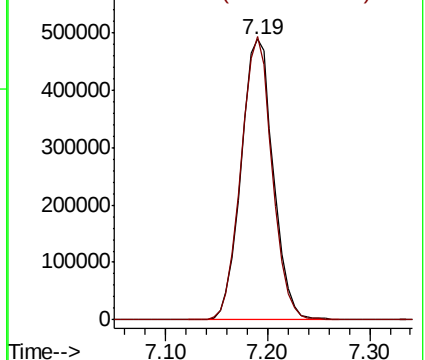
130 100

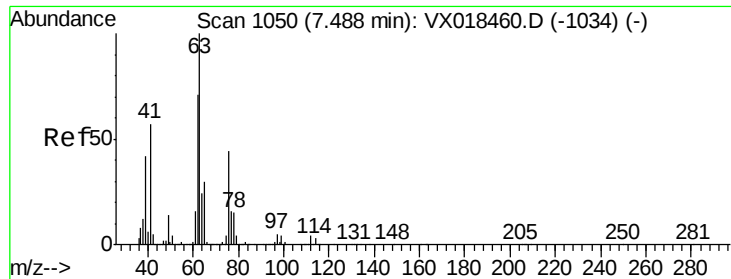
95 100.9 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 146.203 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampled :

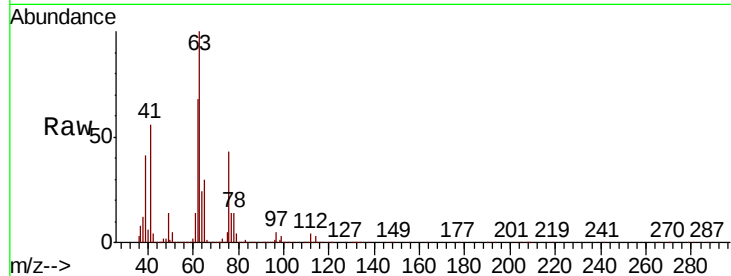
VSTDIC150

Tot Ion: 63 Resp: 1020914

Ion Ratio Lower Upper

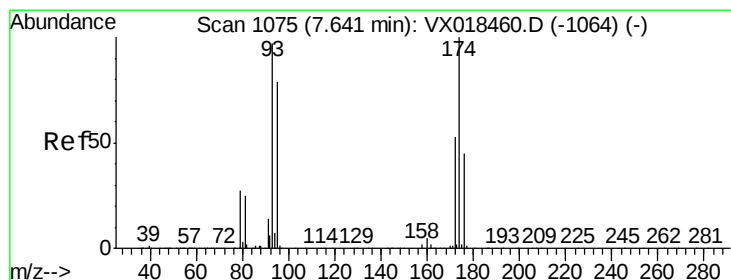
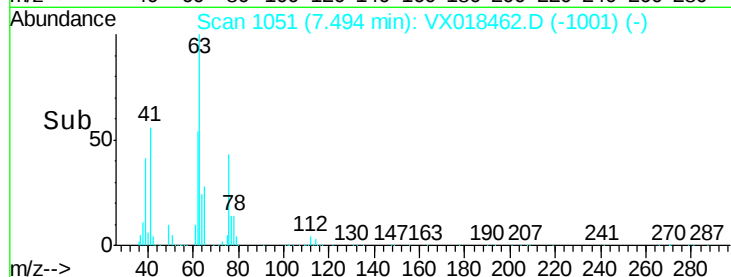
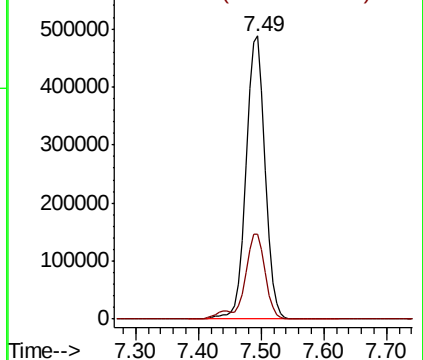
63 100

65 29.9 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 145.915 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

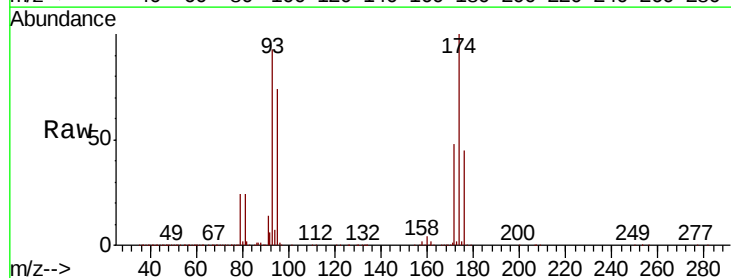
Tgt Ion: 93 Resp: 700021

Ion Ratio Lower Upper

93 100

95 83.0 65.0 97.4

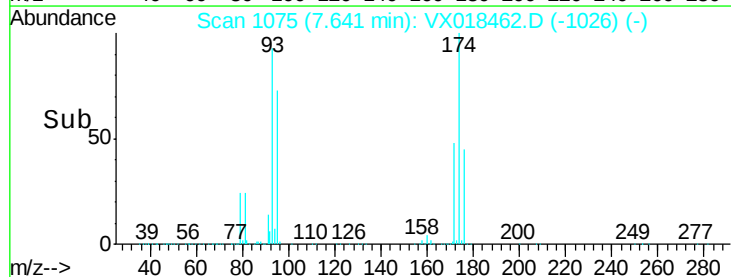
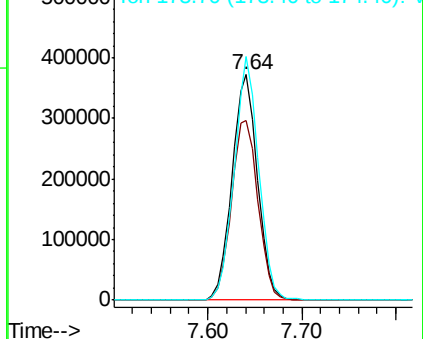
174 103.7 82.0 123.0

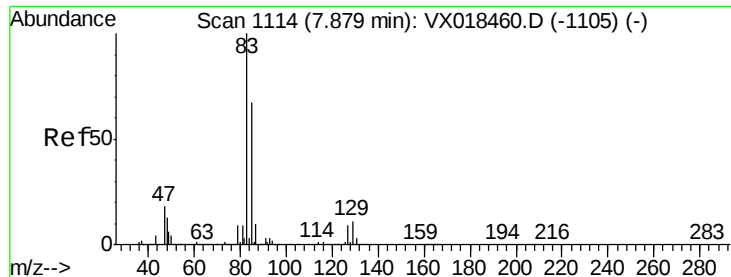


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 149.454 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

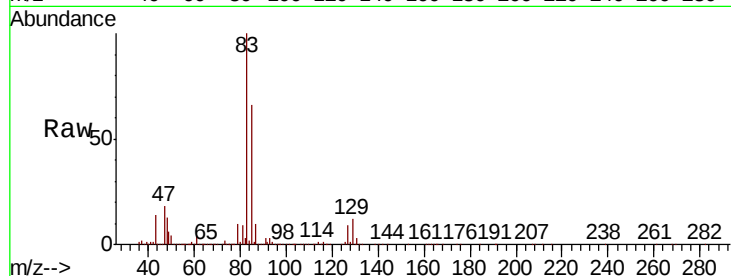
Tot Ion: 83 Resp: 1445005

Ion Ratio Lower Upper

83 100

85 65.7 53.3 79.9

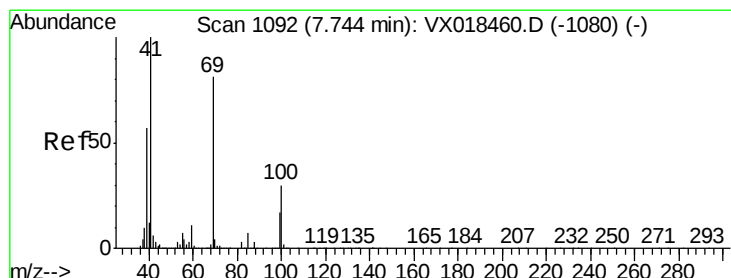
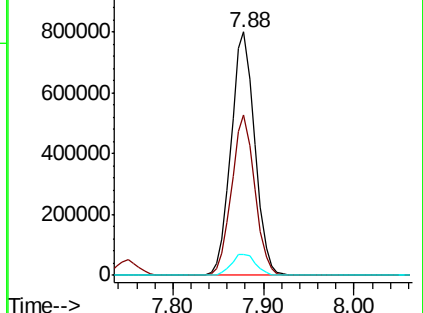
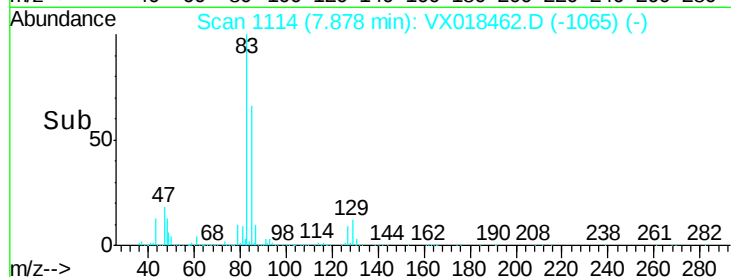
127 8.7 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 158.904 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

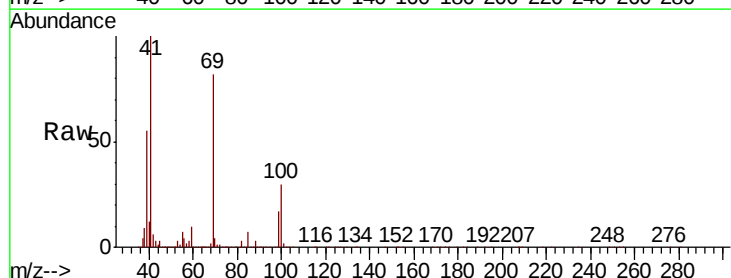
Tgt Ion: 41 Resp: 1216698

Ion Ratio Lower Upper

41 100

69 81.2 63.7 95.5

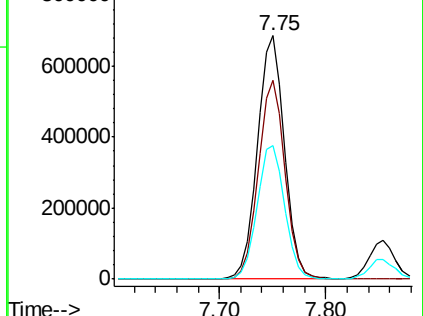
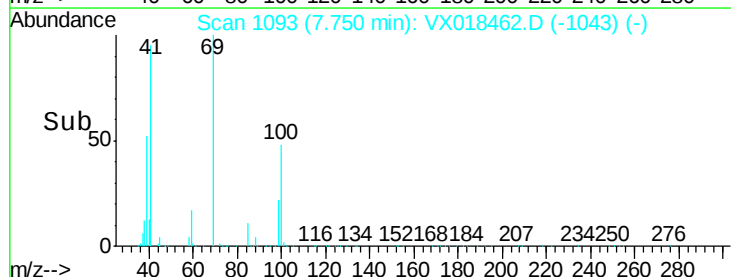
39 56.1 45.0 67.4

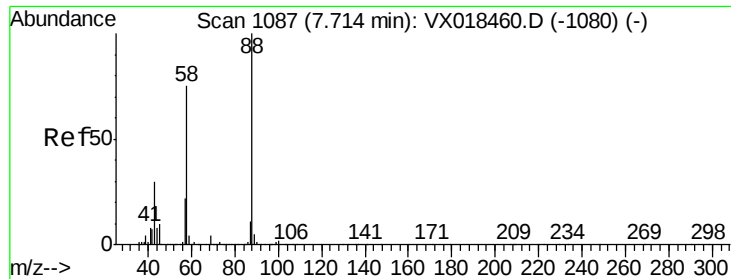


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

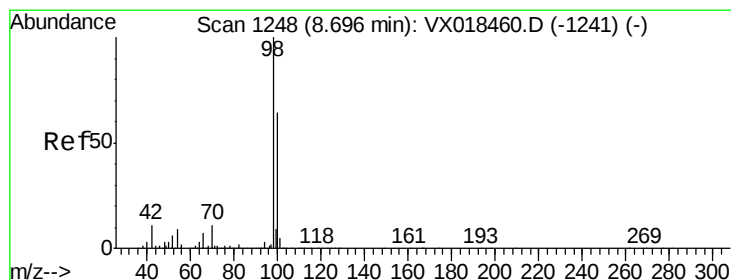
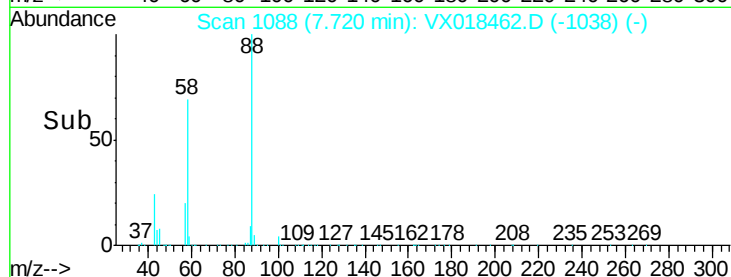
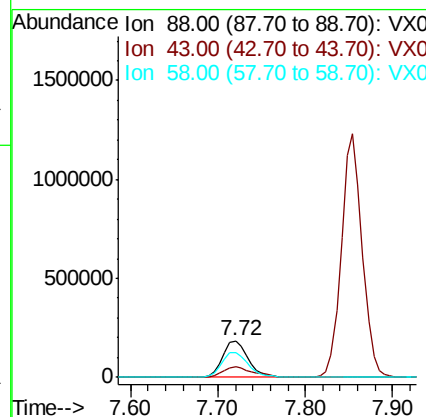
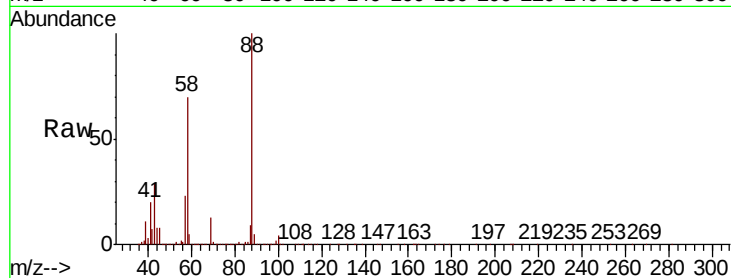




#49
1,4-Dioxane
Concen: 2927.598 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

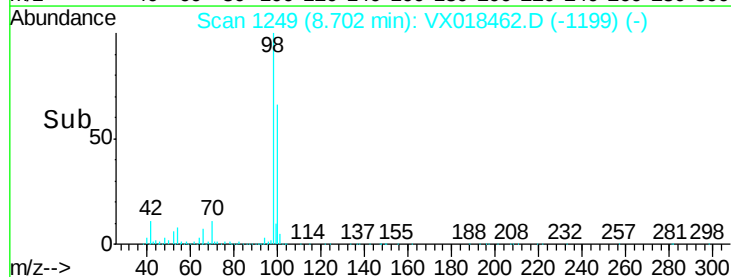
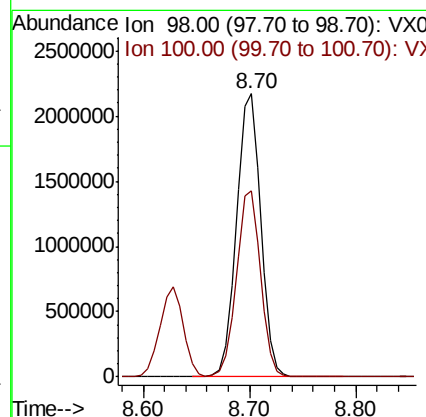
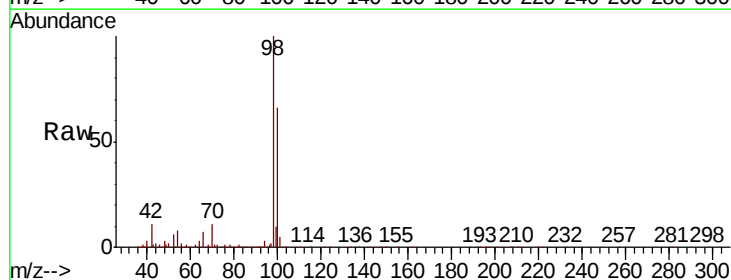
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

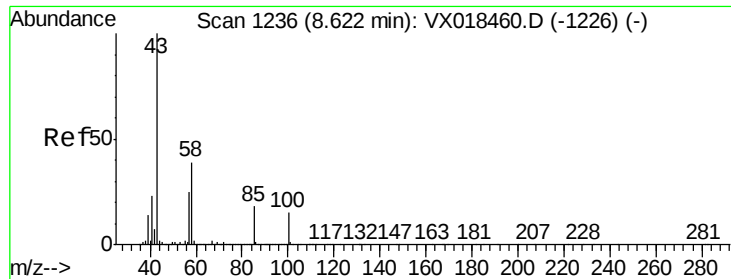
Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	29.9	44.9
58	72.8	59.0	88.6



#50
Toluene-d8
Concen: 151.106 ug/l
RT: 8.70 min Scan# 1249
Delta R.T. 0.01 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 772.496 ug/l

RT: 8.63 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

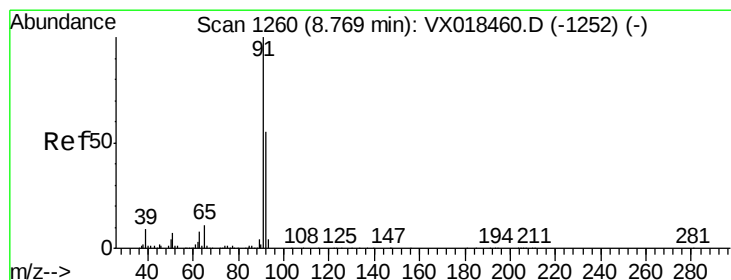
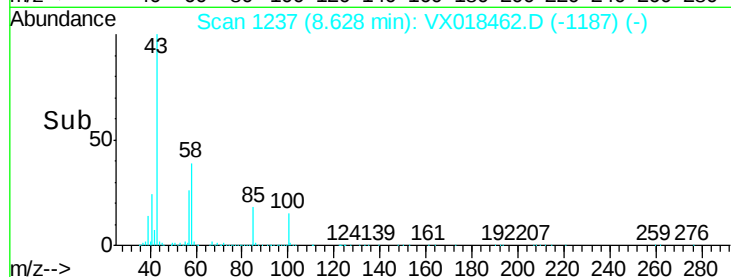
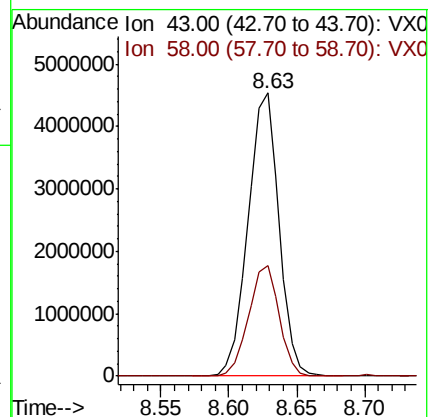
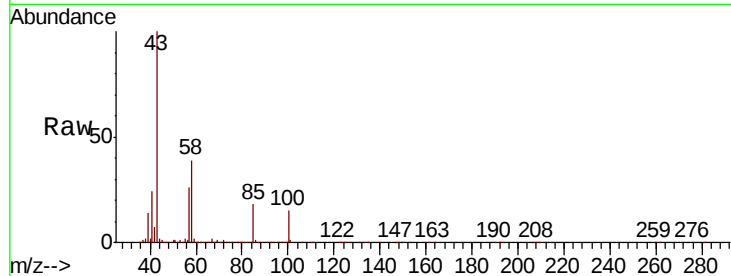
VSTDIC150

Tot Ion: 43 Resp: 7235503

Ion Ratio Lower Upper

43 100

58 38.8 30.9 46.3



#52

Toluene

Concen: 147.027 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018462.D

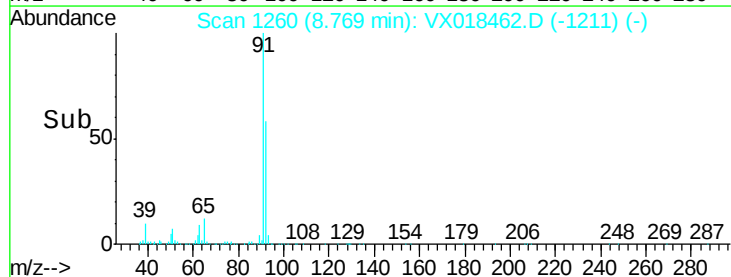
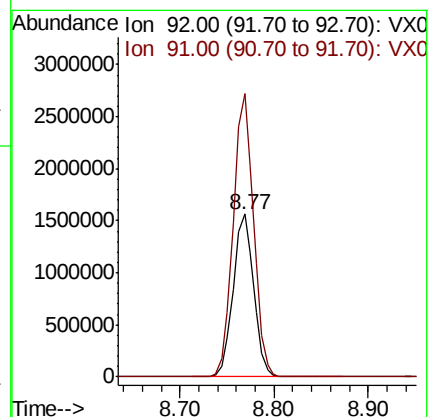
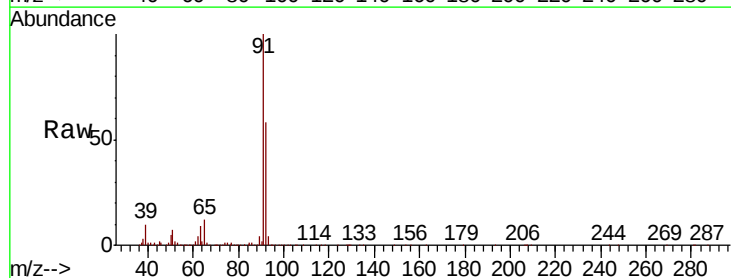
Acq: 17 Sep 2020 11:52

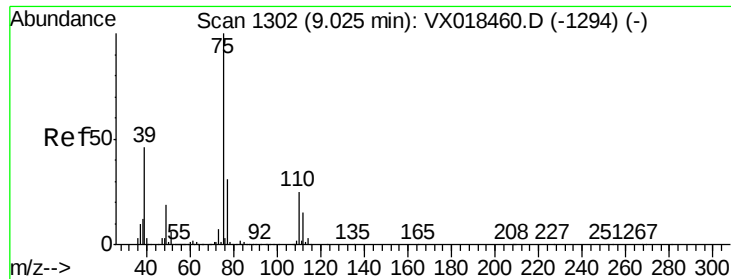
Tgt Ion: 92 Resp: 2353813

Ion Ratio Lower Upper

92 100

91 173.1 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 154.577 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

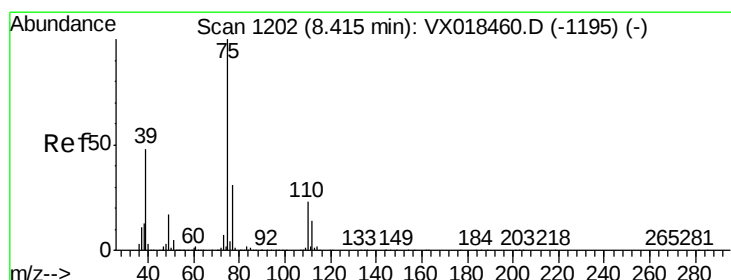
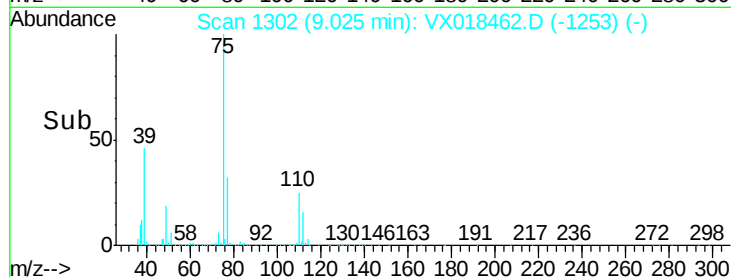
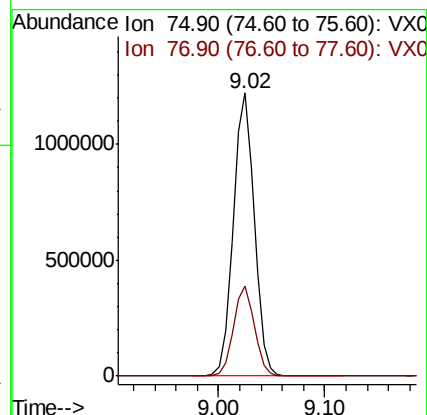
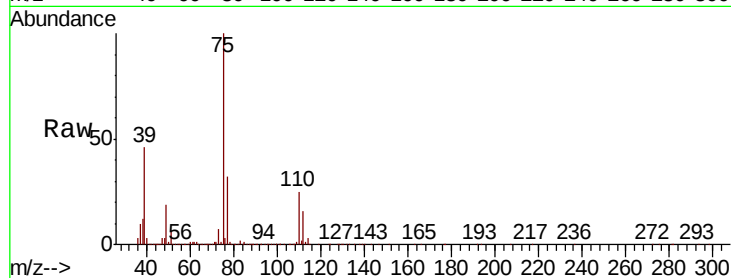
VSTDIC150

Tot Ion: 75 Resp: 1698205

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 152.353 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

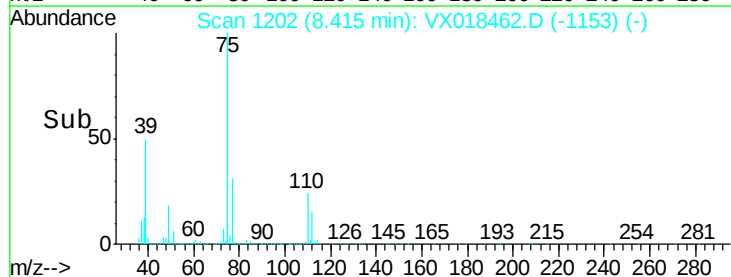
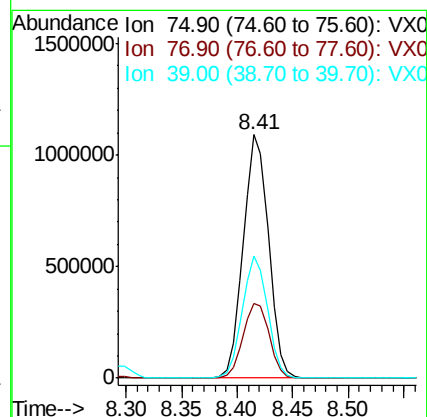
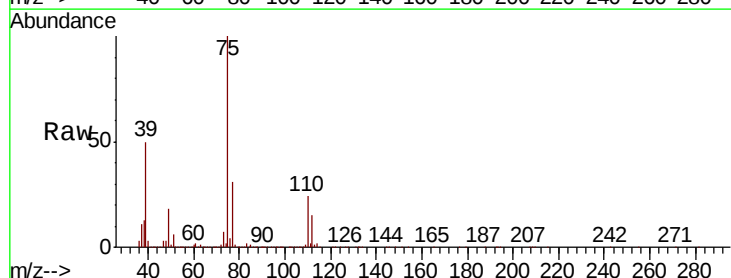
Tgt Ion: 75 Resp: 1724329

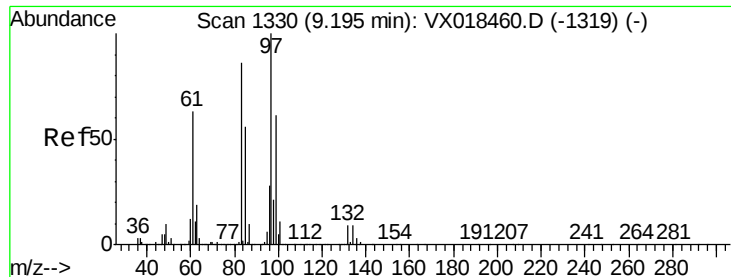
Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 50.0 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 147.956 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 982881

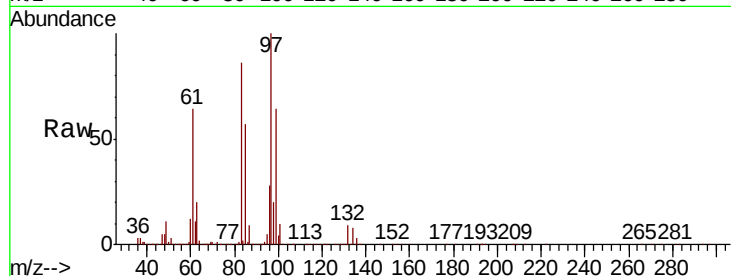
Ion Ratio Lower Upper

97 100

83 86.2 68.5 102.7

85 56.9 44.8 67.2

99 63.6 48.9 73.3

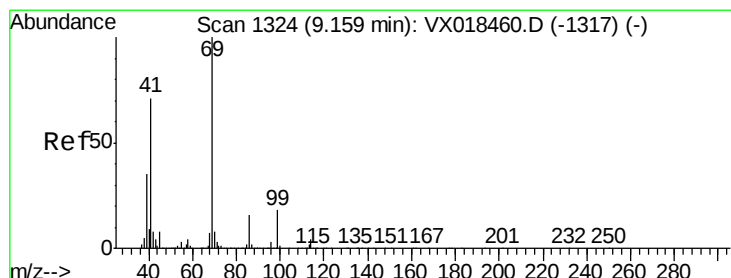
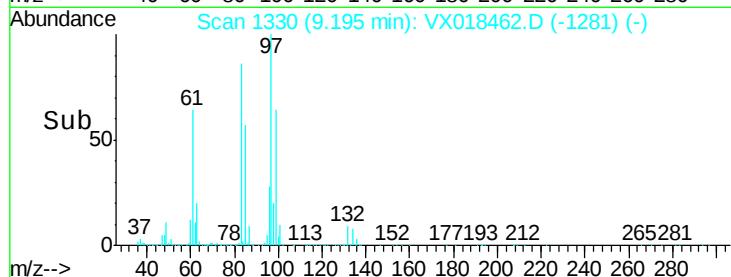
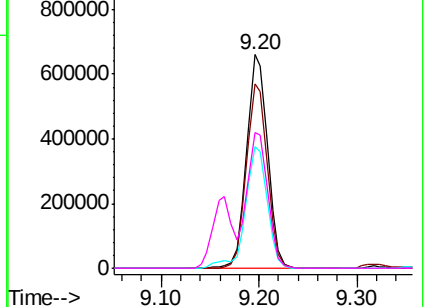


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 164.090 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

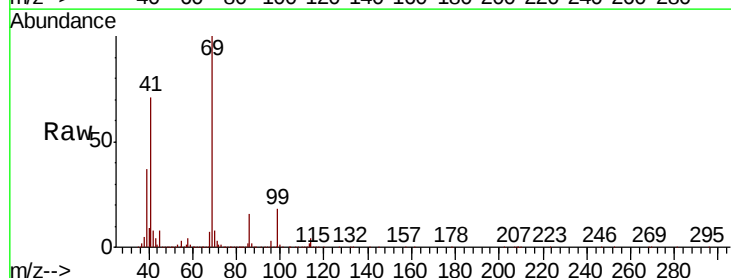
Tgt Ion: 69 Resp: 1616301

Ion Ratio Lower Upper

69 100

41 69.1 54.6 81.8

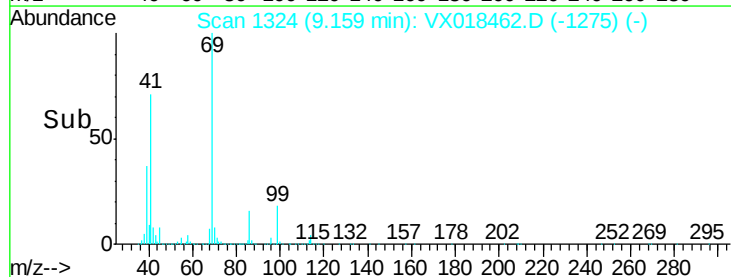
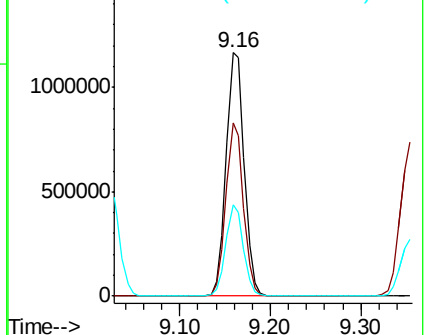
39 36.4 29.3 43.9

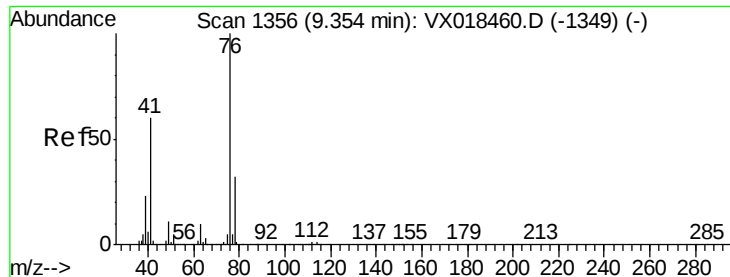


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 150.137 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

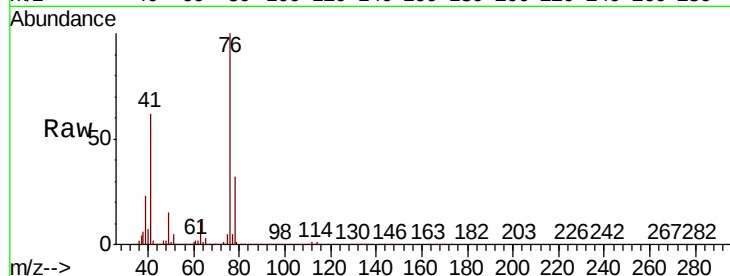
VSTDIC150

Tot Ion: 76 Resp: 1675698

Ion Ratio Lower Upper

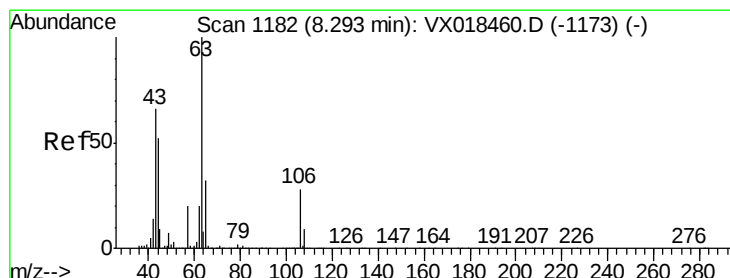
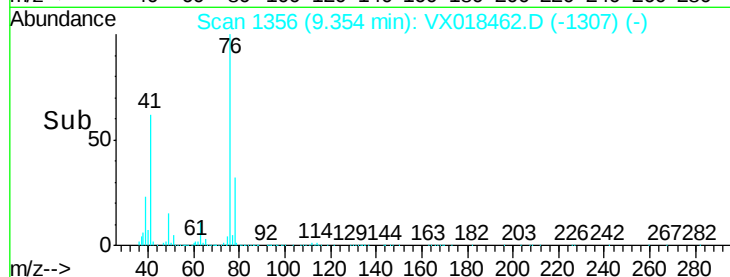
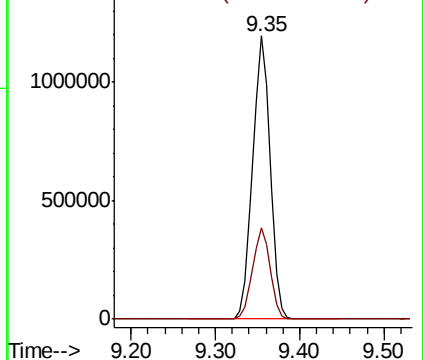
76 100

78 32.2 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 779.220 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018462.D

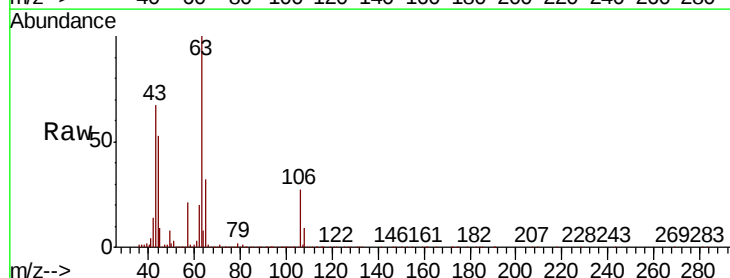
Acq: 17 Sep 2020 11:52

Tgt Ion: 63 Resp: 4080740

Ion Ratio Lower Upper

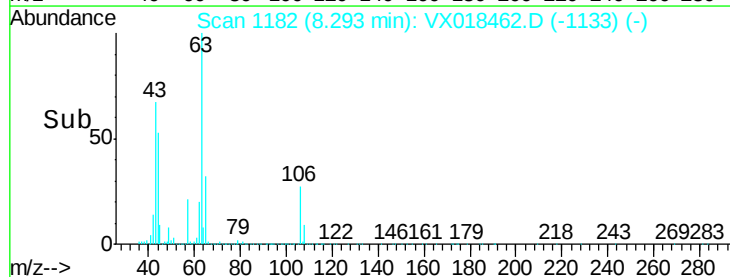
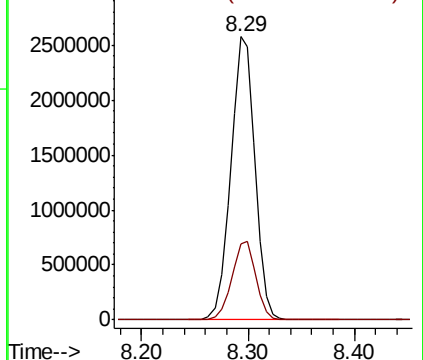
63 100

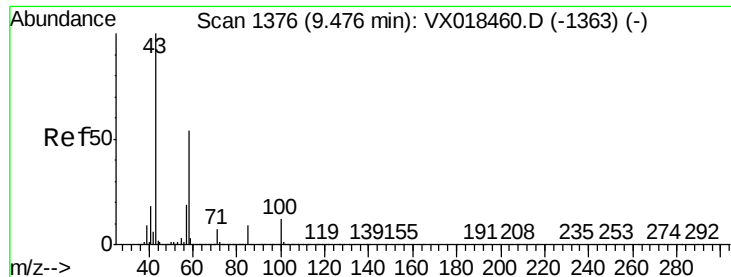
106 27.7 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

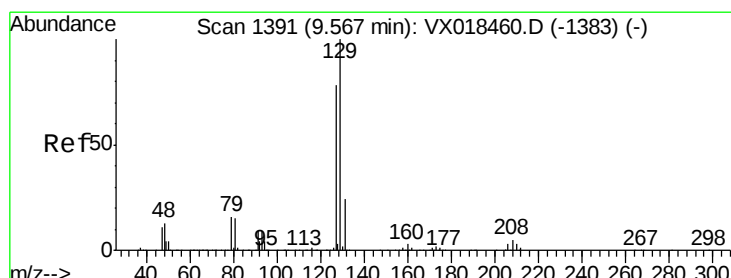
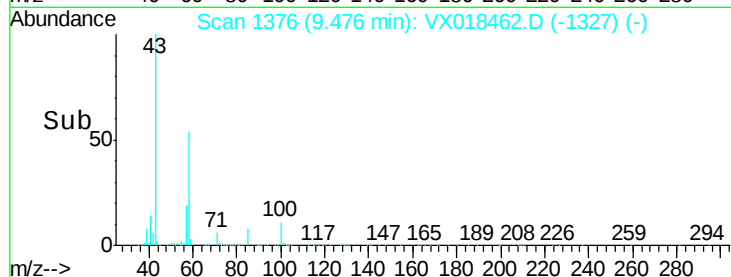
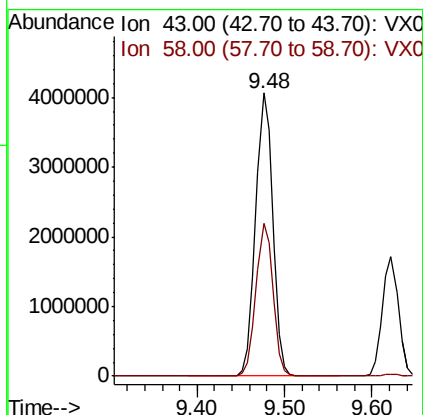
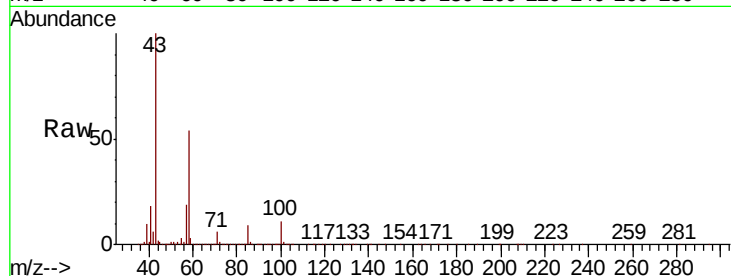




#59
2-Hexanone
Concen: 772.433 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

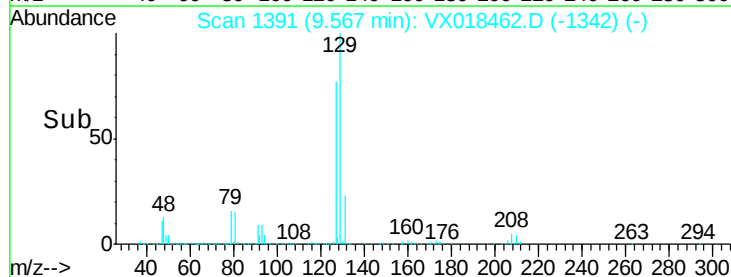
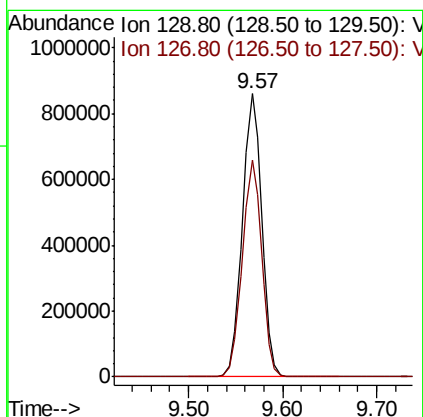
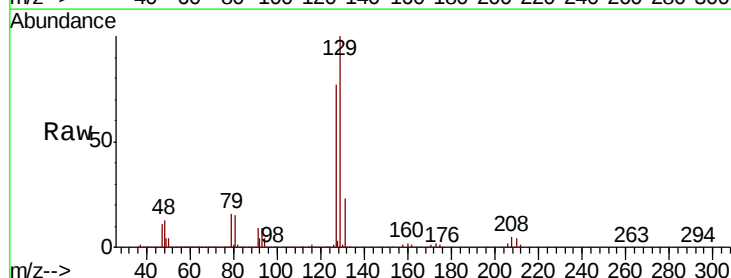
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

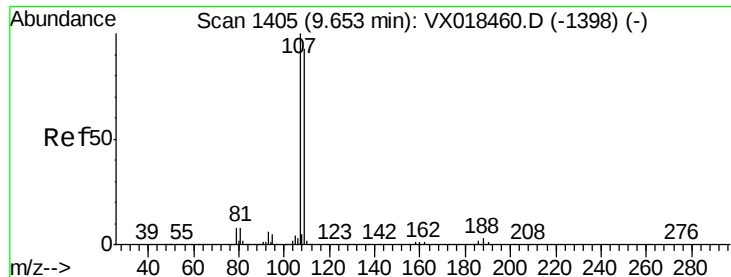
Tot Ion: 43 Resp: 5502938
Ion Ratio Lower Upper
43 100
58 53.5 26.5 79.4



#60
Dibromochloromethane
Concen: 156.426 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 129 Resp: 1239082
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 154.323 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

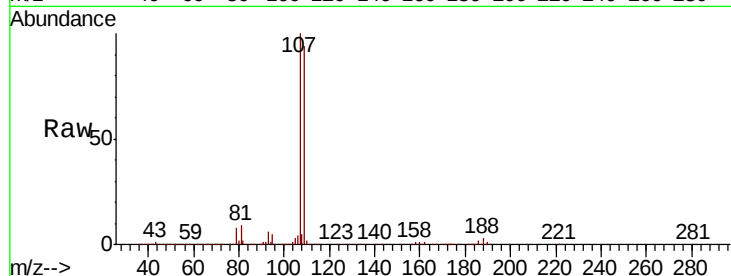
VSTDIC150

Tot Ion:107 Resp: 1090774

Ion Ratio Lower Upper

107 100

109 94.6 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

800000

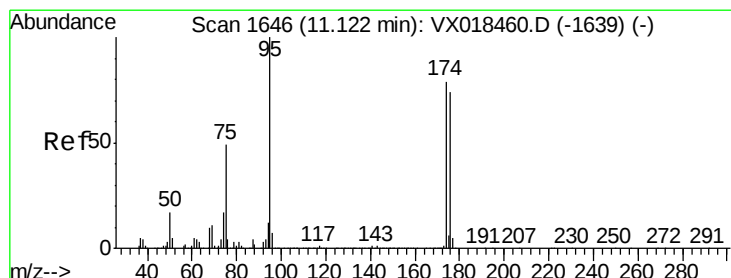
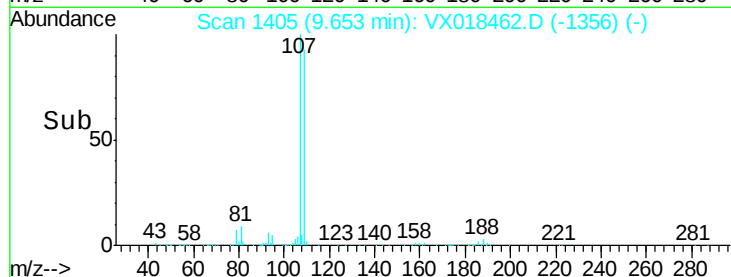
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 157.256 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

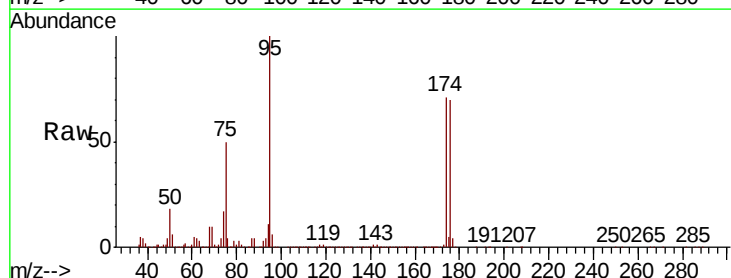
Tgt Ion: 95 Resp: 1437032

Ion Ratio Lower Upper

95 100

174 76.1 0.0 161.4

176 75.4 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

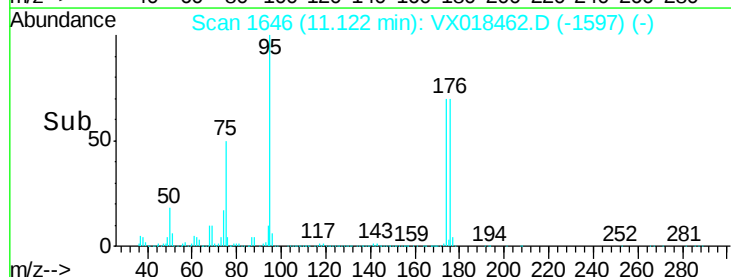
1500000

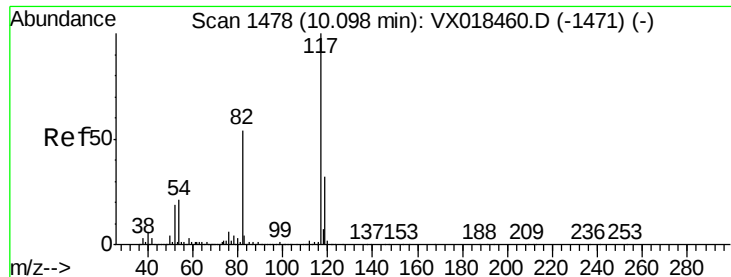
1000000

500000

0

Time-->

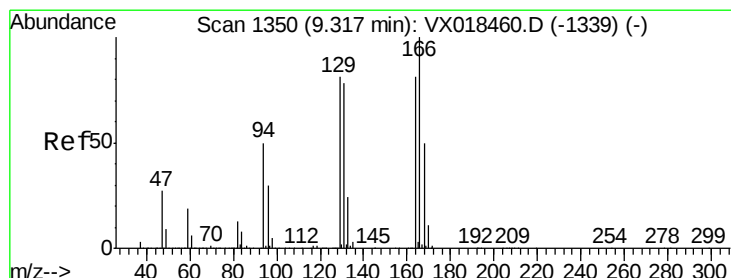
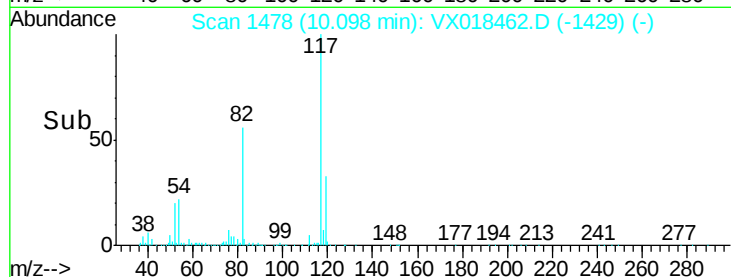
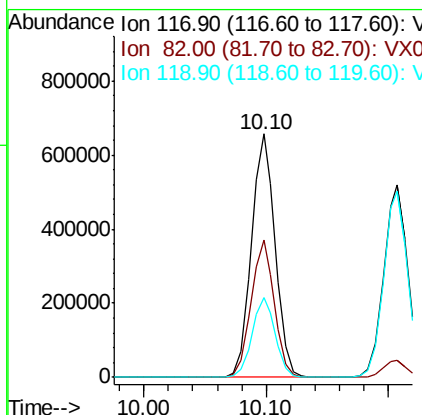
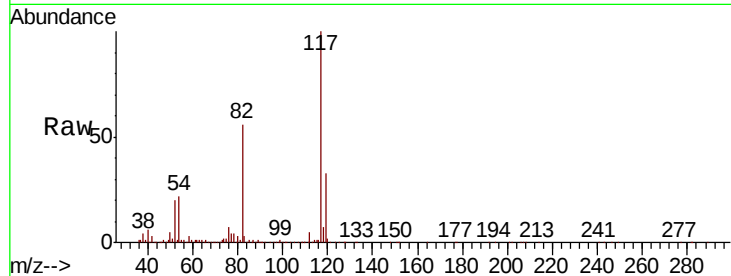




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

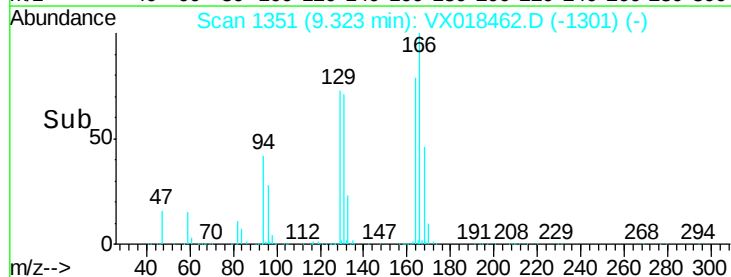
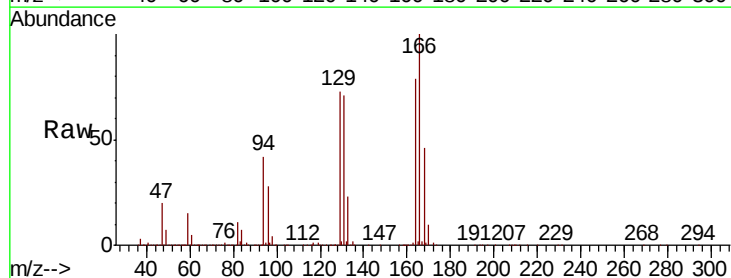
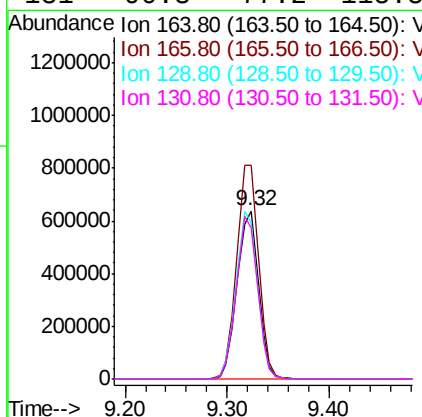
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

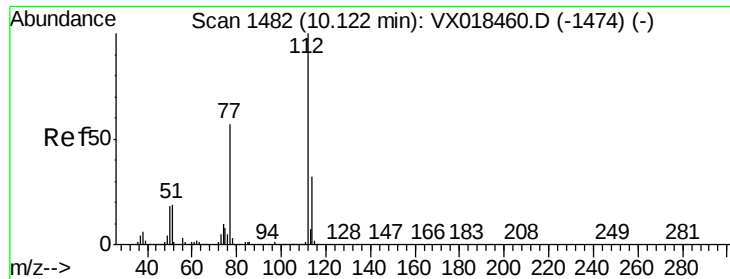
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.3	64.9
119	32.5	25.9	38.9



#64
Tetrachloroethene
Concen: 132.368 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	99.3	148.9
129	93.0	80.7	121.1
131	90.3	77.2	115.8





#65

Chlorobenzene

Concen: 148.232 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

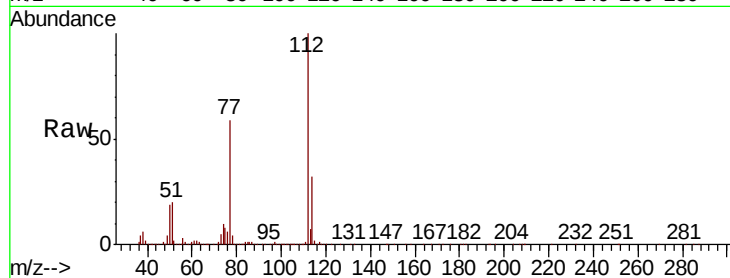
VSTDIC150

Tot Ion:112 Resp: 2711219

Ion Ratio Lower Upper

112 100

114 32.3 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

2000000

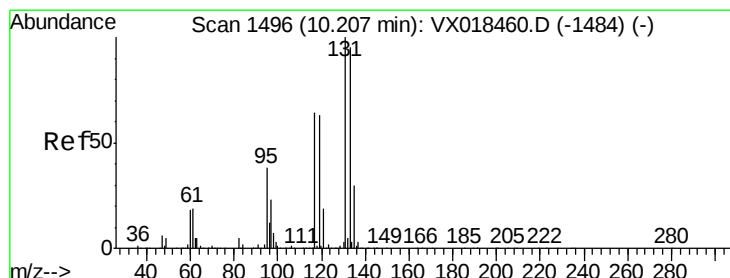
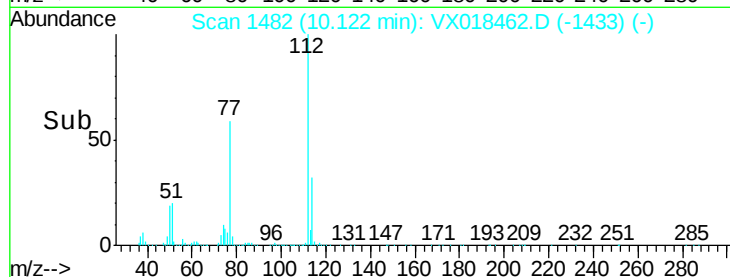
1500000

1000000

500000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 146.153 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

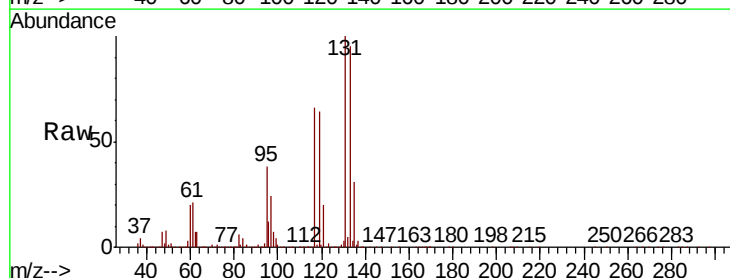
Tgt Ion:131 Resp: 1072373

Ion Ratio Lower Upper

131 100

133 95.2 47.8 143.4

119 64.2 31.9 95.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

1000000

800000

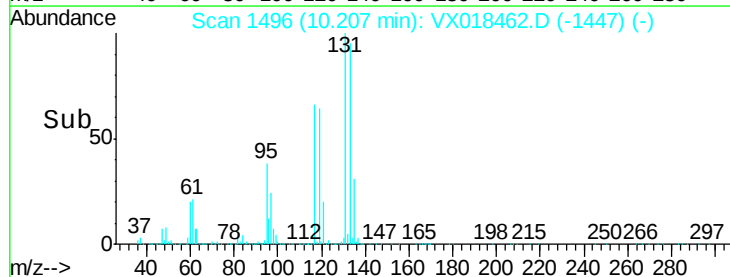
600000

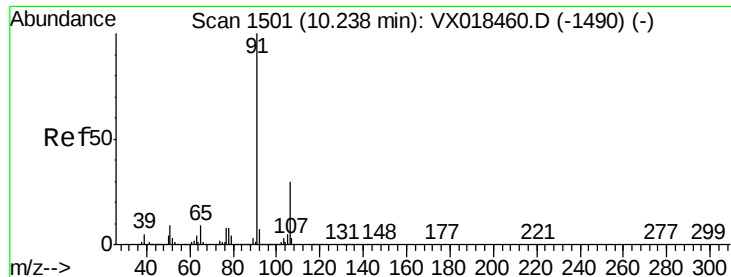
400000

200000

0

Time--> 10.10 10.20 10.30

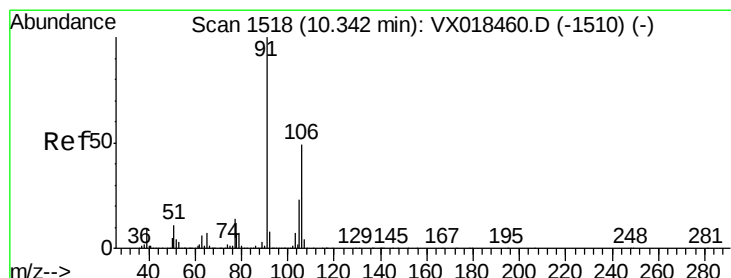
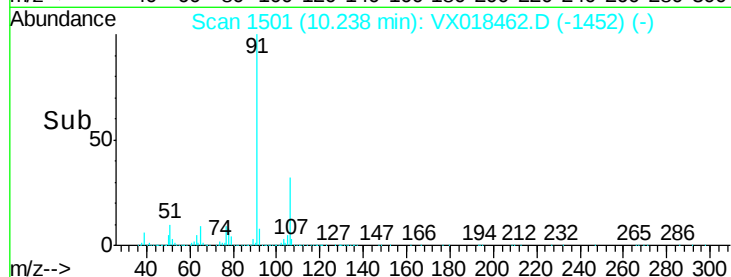
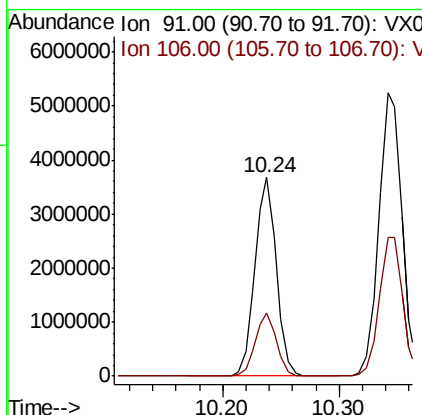
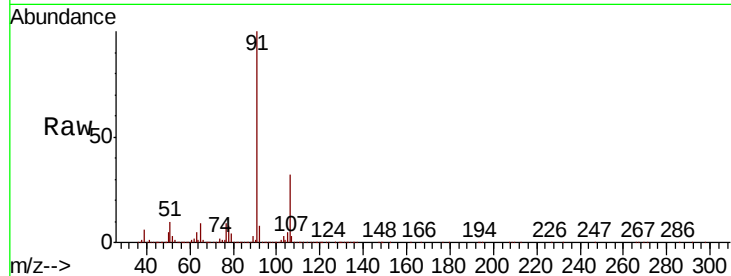




#67
Ethyl Benzene
Concen: 149.088 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

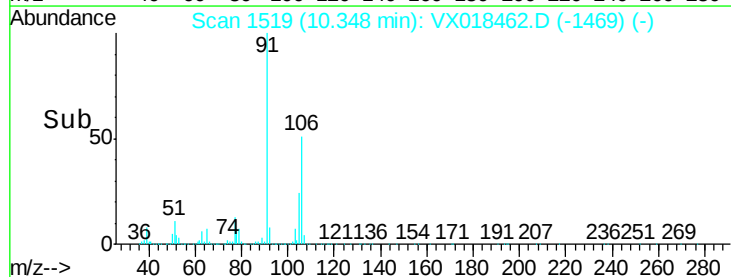
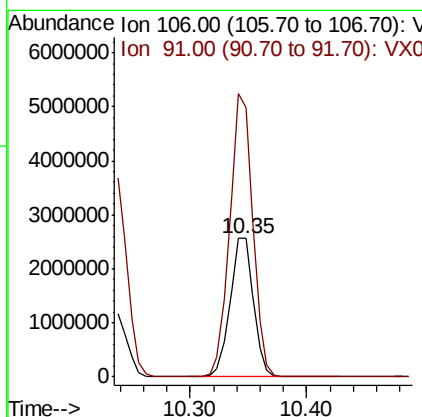
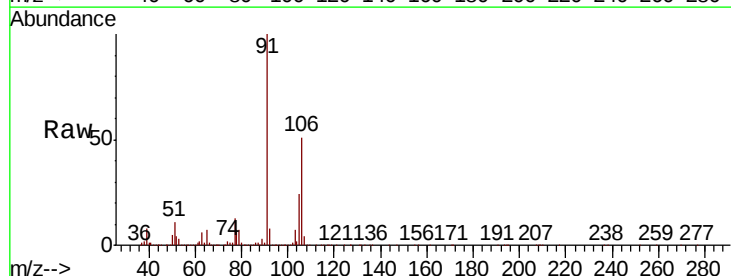
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

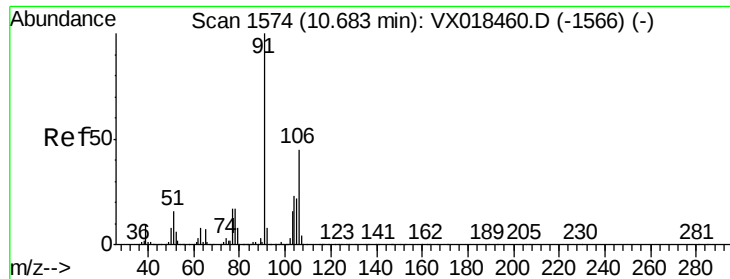
Tot Ion: 91 Resp: 4719920
Ion Ratio Lower Upper
91 100
106 32.1 24.1 36.1



#68
m/p-Xylenes
Concen: 298.658 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 106 Resp: 3576708
Ion Ratio Lower Upper
106 100
91 201.8 163.8 245.6

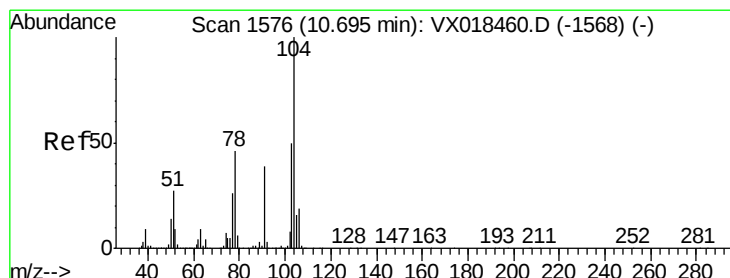
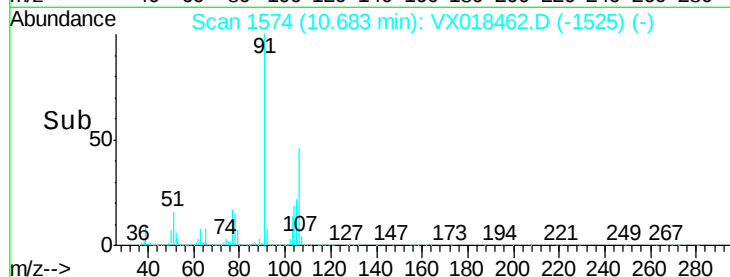
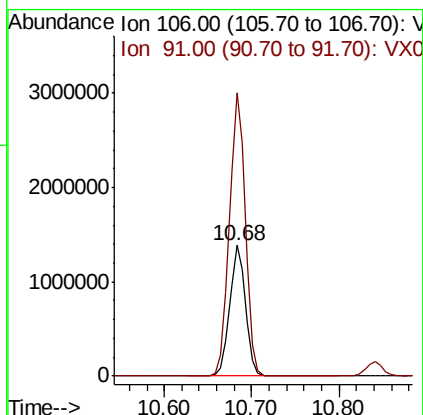
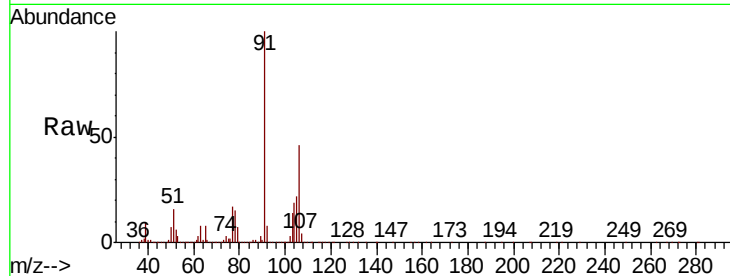




#69
o-Xylene
Concen: 153.185 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

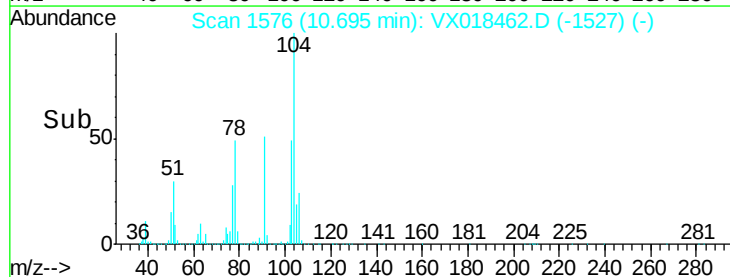
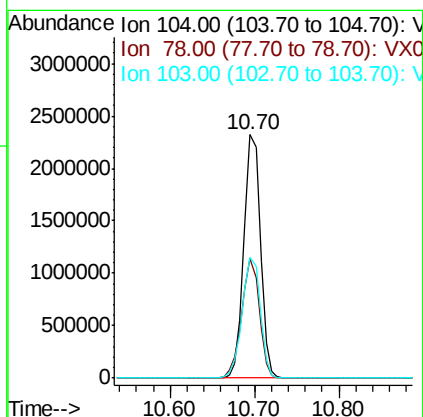
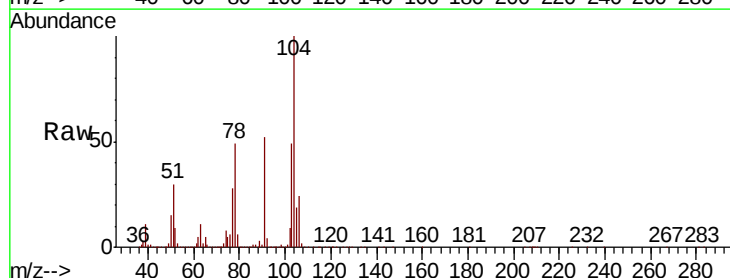
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

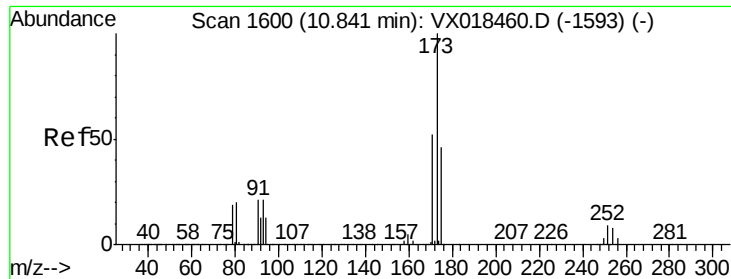
Tot Ion:106 Resp: 1737198
Ion Ratio Lower Upper
106 100
91 219.5 109.7 329.0



#70
Styrene
Concen: 155.204 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Tgt Ion:104 Resp: 3039075
Ion Ratio Lower Upper
104 100
78 52.2 40.5 60.7
103 54.2 43.2 64.8





#71

Bromoform

Concen: 149.848 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

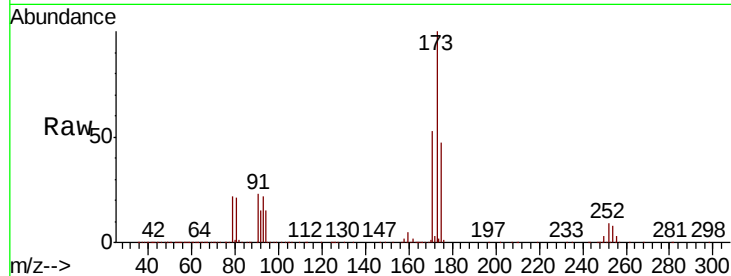
Tot Ion:173 Resp: 923148

Ion Ratio Lower Upper

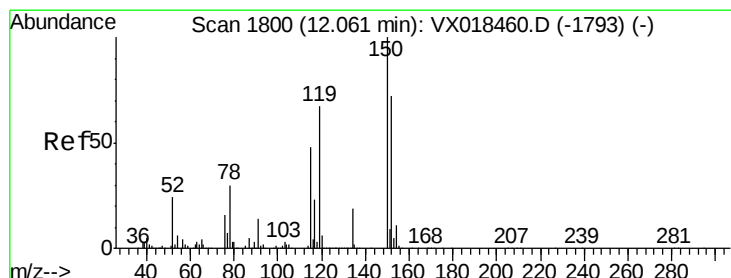
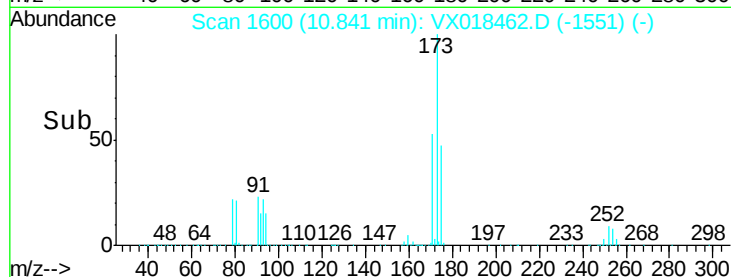
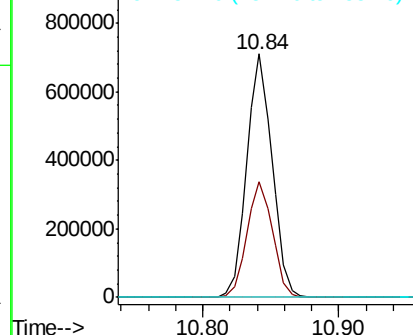
173 100

175 47.8 23.6 70.8

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

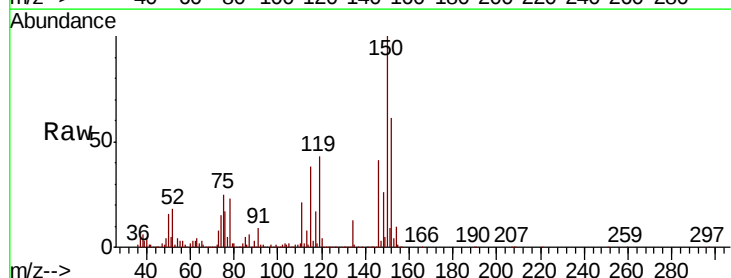
Tgt Ion:152 Resp: 444552

Ion Ratio Lower Upper

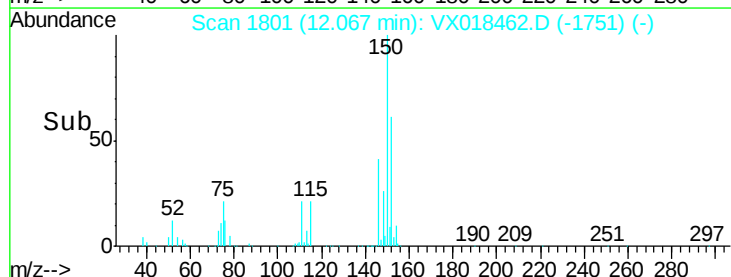
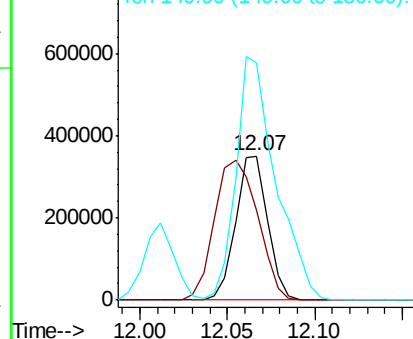
152 100

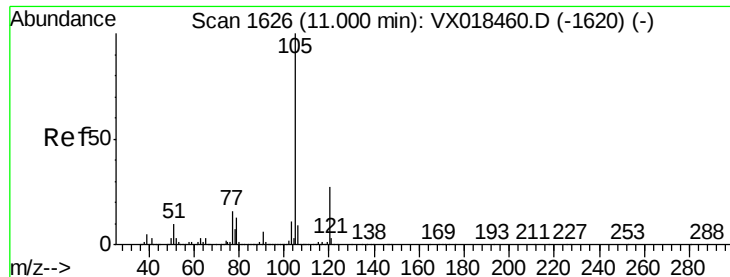
115 132.1 41.8 125.4#

150 210.9 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 157.702 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

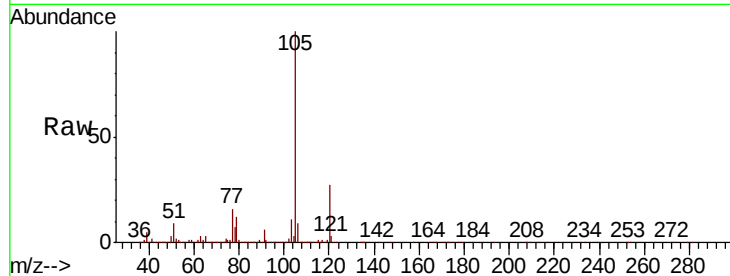
VSTDIC150

Tot Ion:105 Resp: 4683405

Ion Ratio Lower Upper

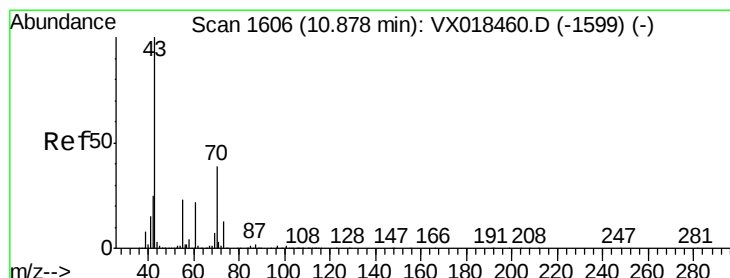
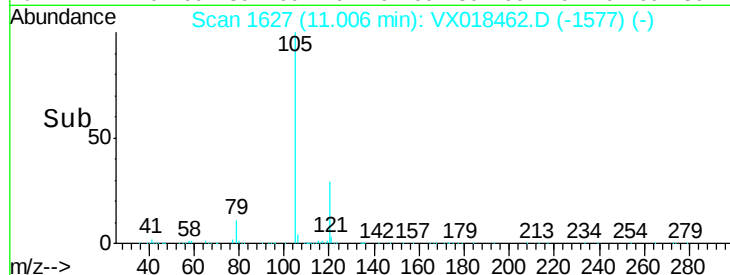
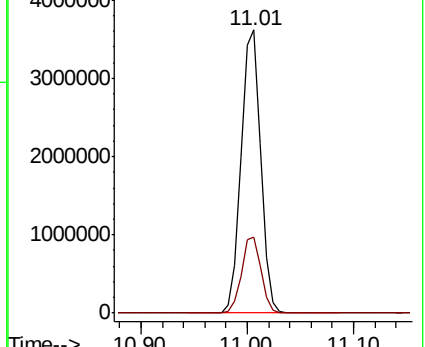
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 163.819 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Tgt Ion: 43 Resp: 2190262

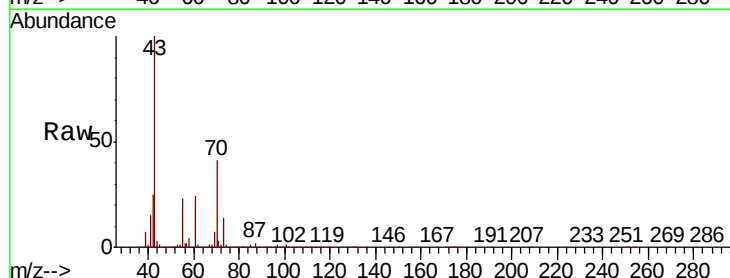
Ion Ratio Lower Upper

43 100

70 40.4 32.2 48.4

55 22.9 18.8 28.2

61 23.7 19.0 28.4

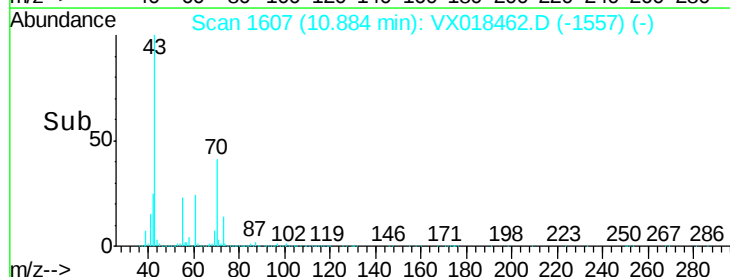
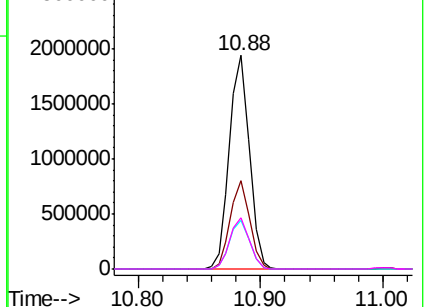


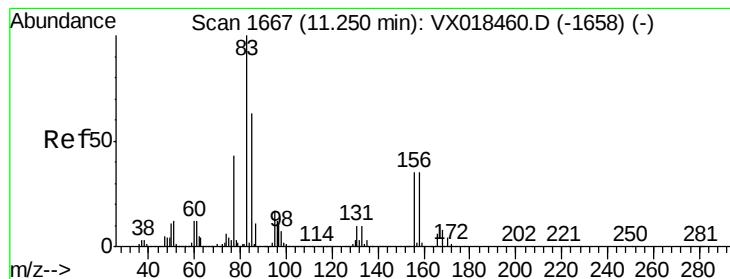
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 151.394 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

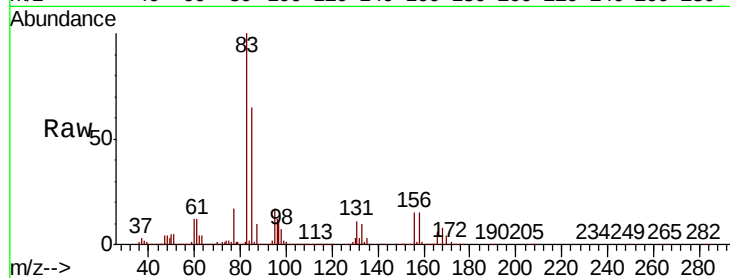
Tot Ion: 83 Resp: 1488179

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

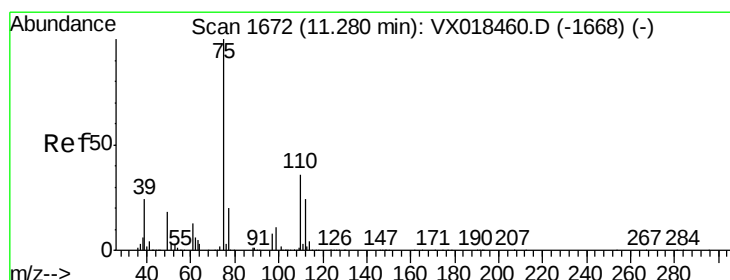
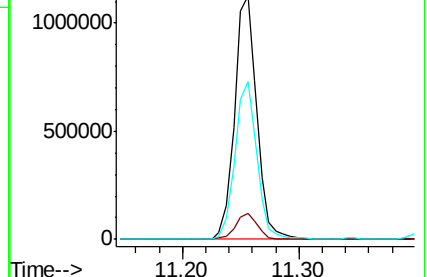
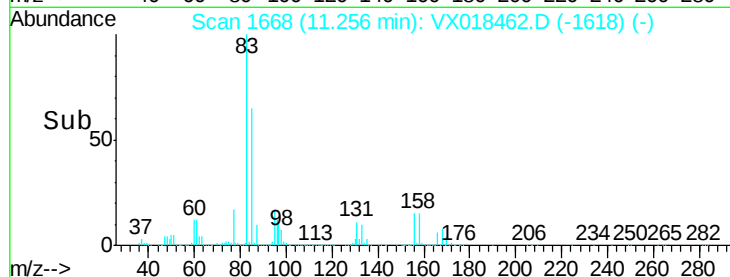
85 64.3 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 199.874 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018462.D

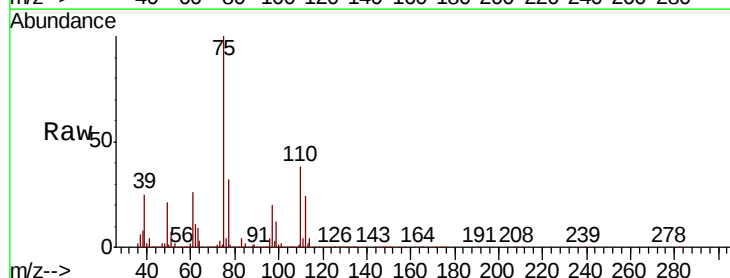
Acq: 17 Sep 2020 11:52

Tgt Ion: 75 Resp: 1867222

Ion Ratio Lower Upper

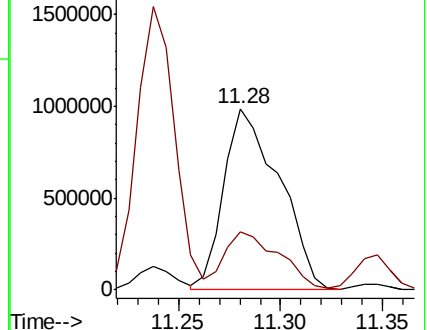
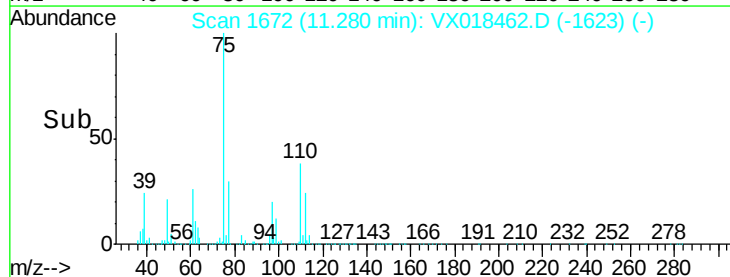
75 100

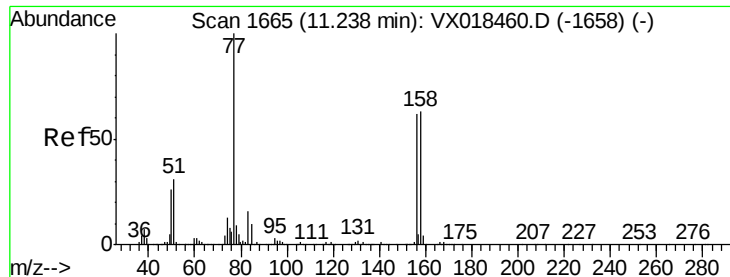
77 31.8 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 149.461 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

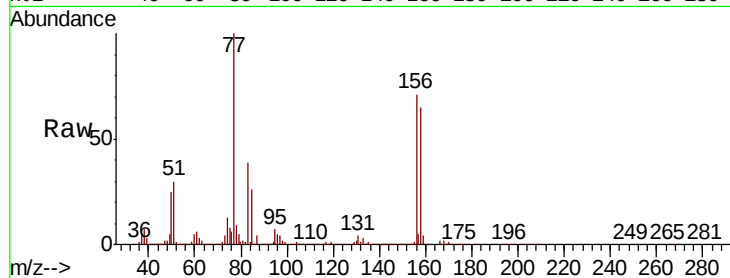
Tot Ion:156 Resp: 1224703

Ion Ratio Lower Upper

156 100

77 161.6 78.8 236.5

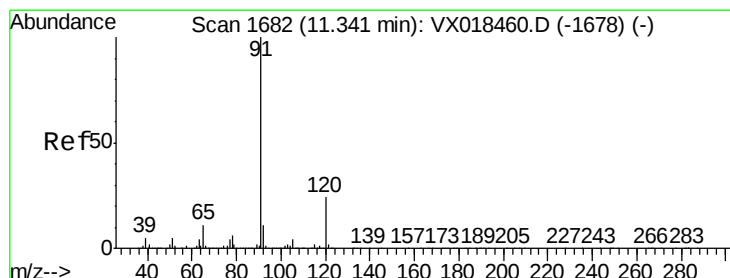
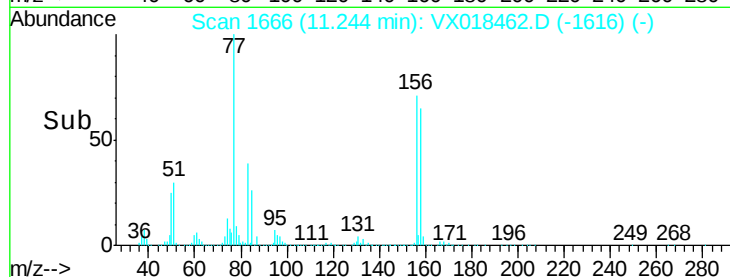
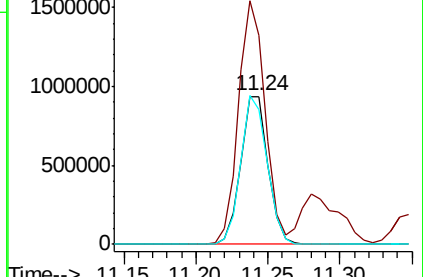
158 97.8 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 158.410 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX018462.D

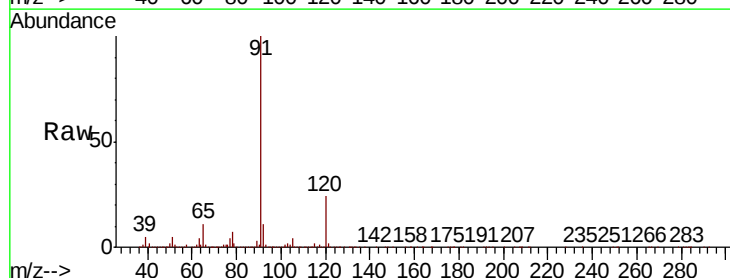
Acq: 17 Sep 2020 11:52

Tgt Ion: 91 Resp: 5506623

Ion Ratio Lower Upper

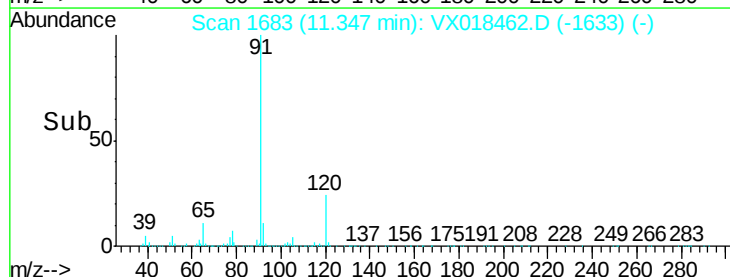
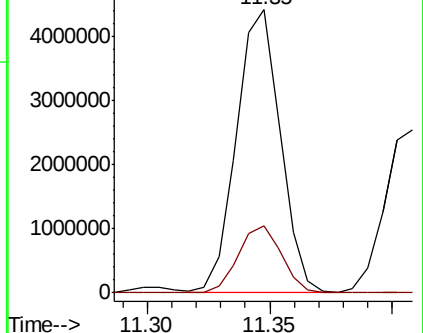
91 100

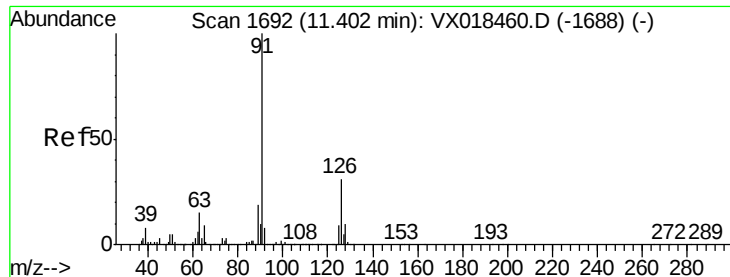
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

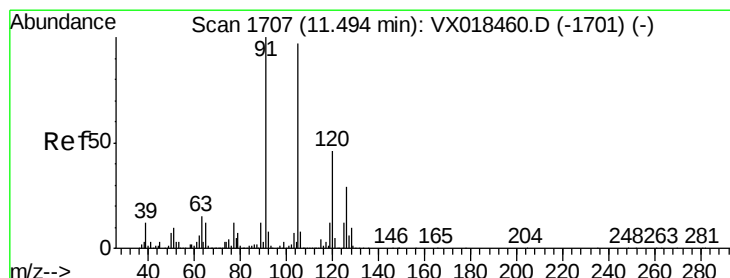
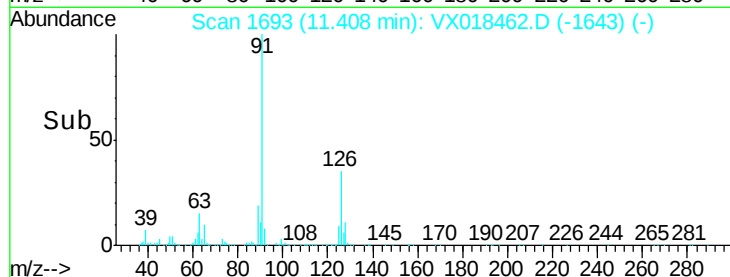
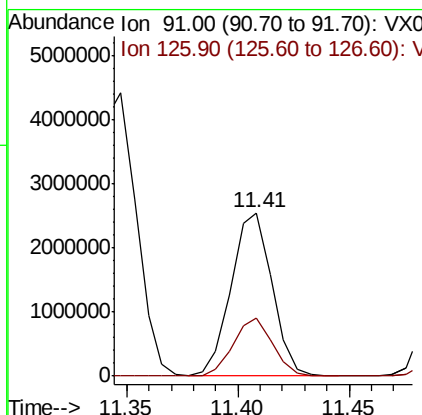
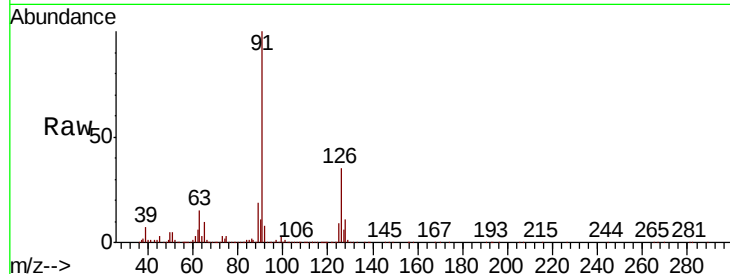




#79
2-Chlorotoluene
Concen: 154.770 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

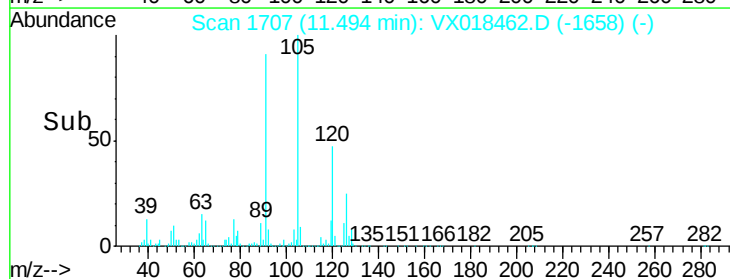
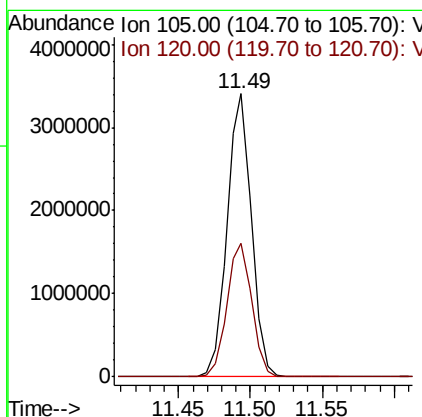
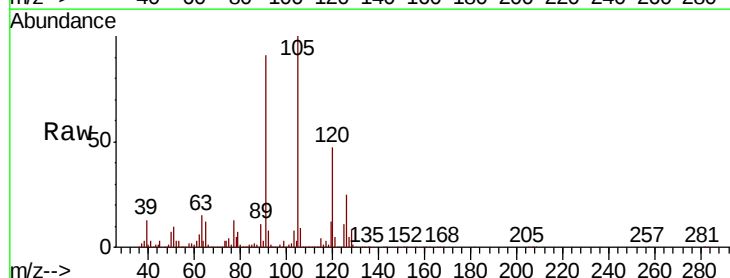
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

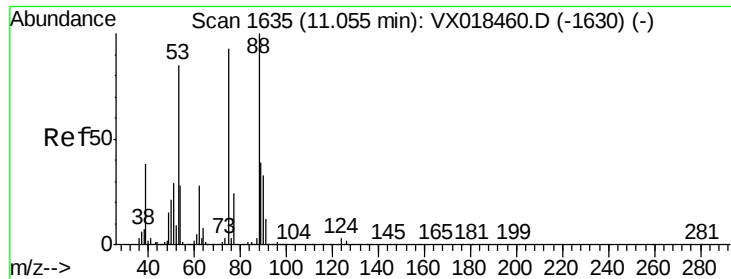
Tot Ion: 91 Resp: 3256624
Ion Ratio Lower Upper
91 100
126 34.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 159.443 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 105 Resp: 4049519
Ion Ratio Lower Upper
105 100
120 48.2 23.6 71.0





#81

trans-1,4-Dichloro-2-butene

Concen: 160.714 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

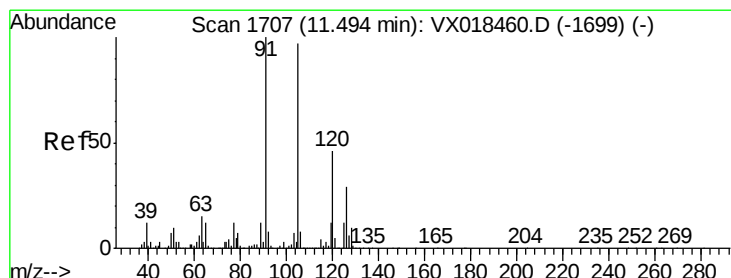
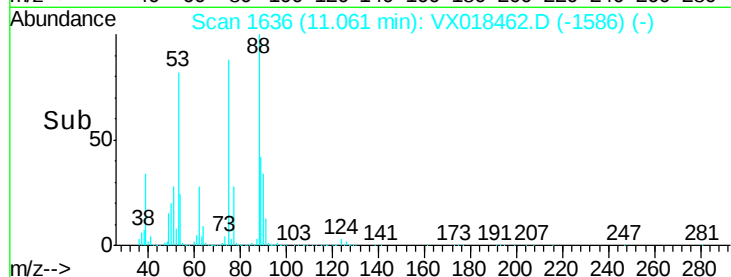
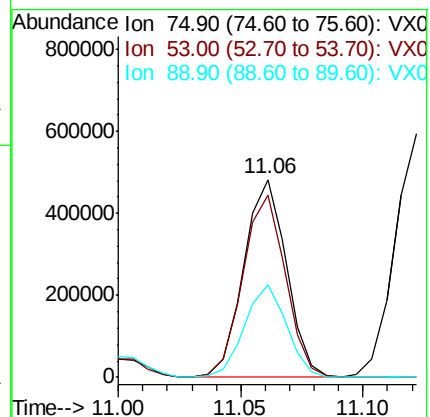
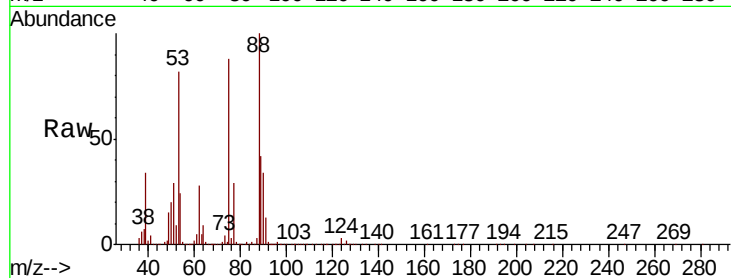
Tot Ion: 75 Resp: 585909

Ion Ratio Lower Upper

75 100

53 92.2 74.6 111.8

89 46.4 36.2 54.4



#82

4-Chlorotoluene

Concen: 155.362 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018462.D

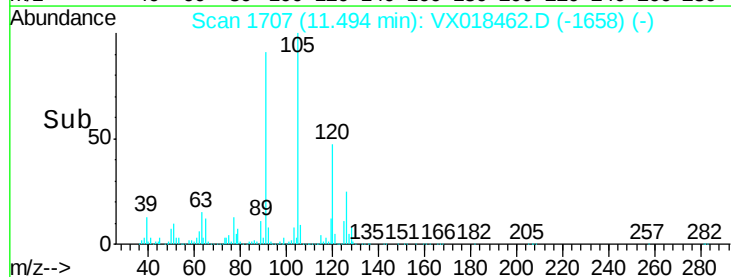
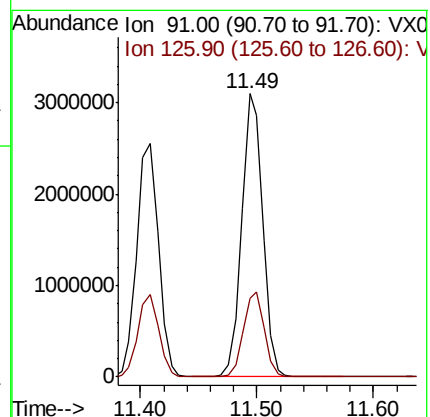
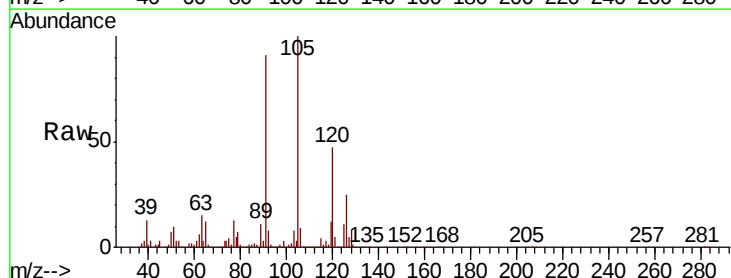
Acq: 17 Sep 2020 11:52

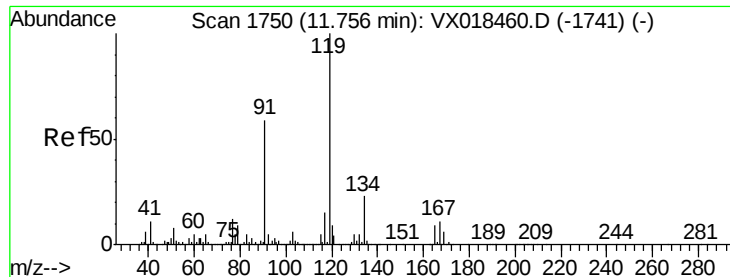
Tgt Ion: 91 Resp: 3885992

Ion Ratio Lower Upper

91 100

126 29.9 15.0 45.0

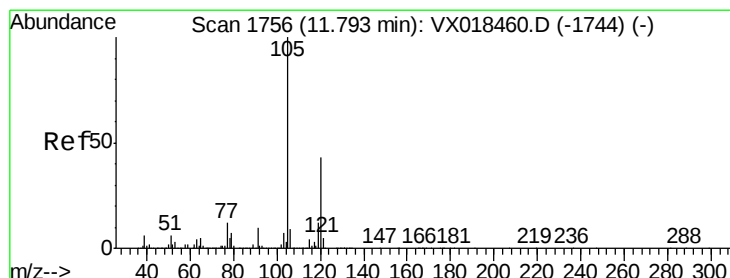
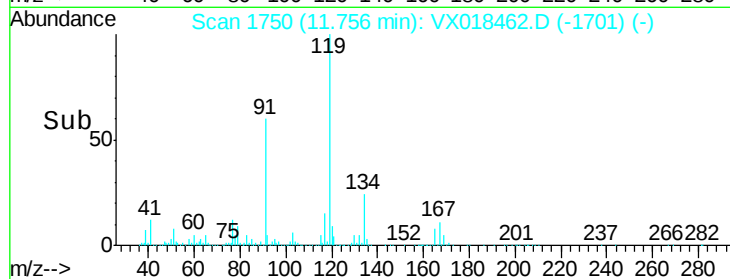
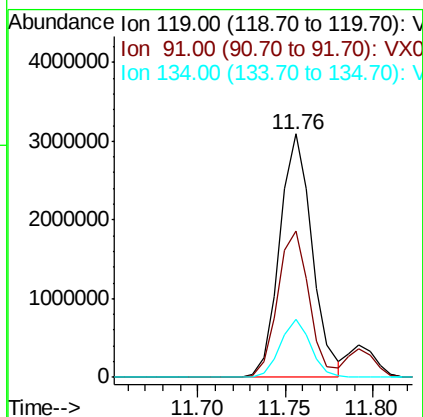
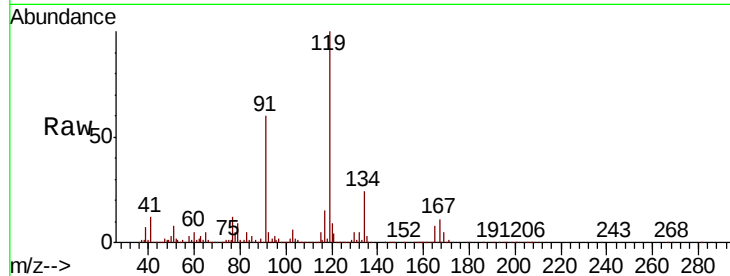




#83
 tert-Butylbenzene
 Concen: 162.002 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018462.D
 Acq: 17 Sep 2020 11:52

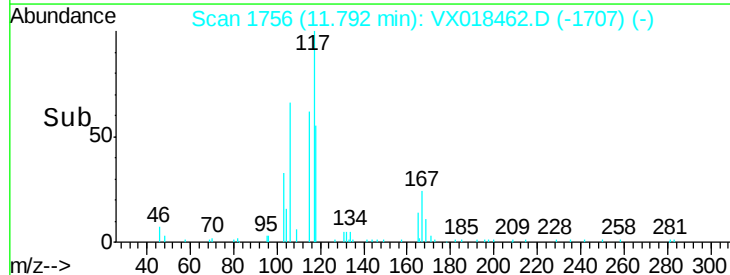
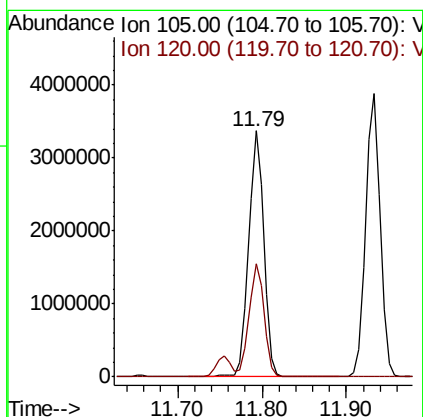
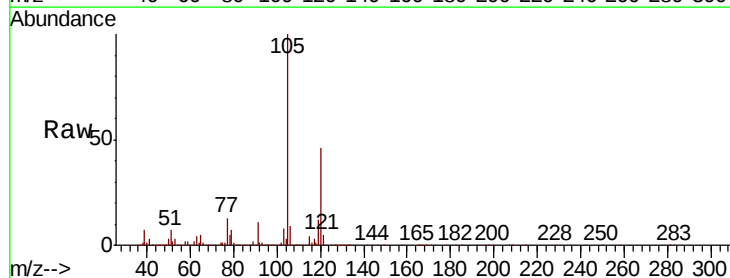
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

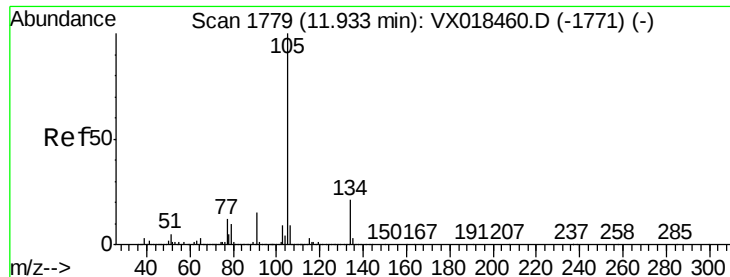
Tot Ion:119 Resp: 3994854
 Ion Ratio Lower Upper
 119 100
 91 58.8 28.9 86.7
 134 22.4 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 159.156 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018462.D
 Acq: 17 Sep 2020 11:52

Tgt Ion:105 Resp: 4070875
 Ion Ratio Lower Upper
 105 100
 120 45.7 21.6 65.0





#85

sec-Butylbenzene

Concen: 159.373 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

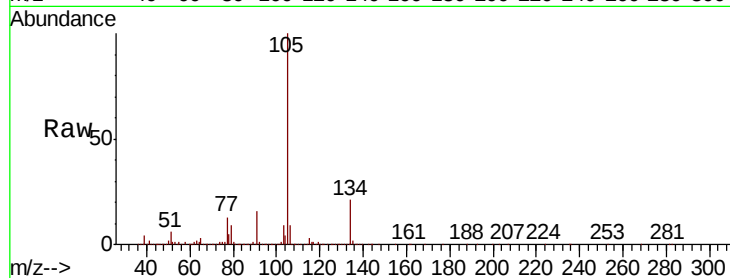
VSTDIC150

Tot Ion:105 Resp: 4637126

Ion Ratio Lower Upper

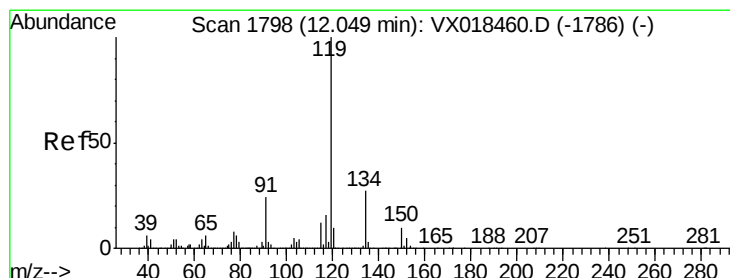
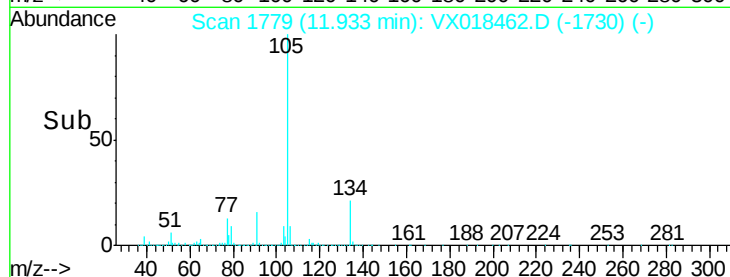
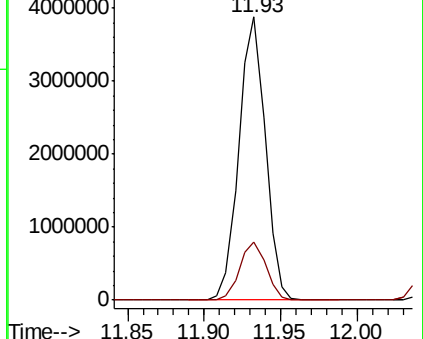
105 100

134 20.7 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 159.256 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

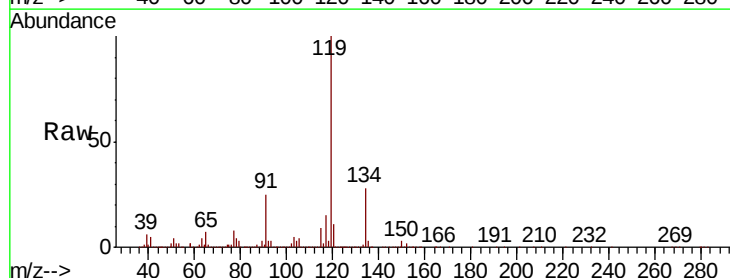
Tgt Ion:119 Resp: 4258579

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

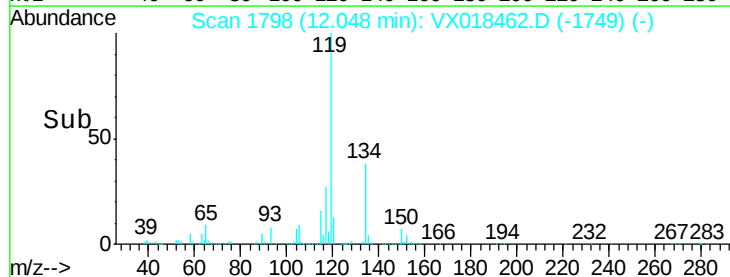
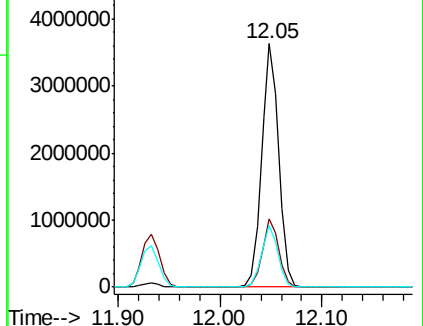
91 24.6 11.9 35.9

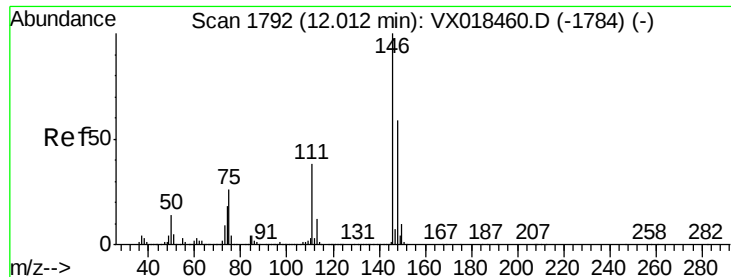


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

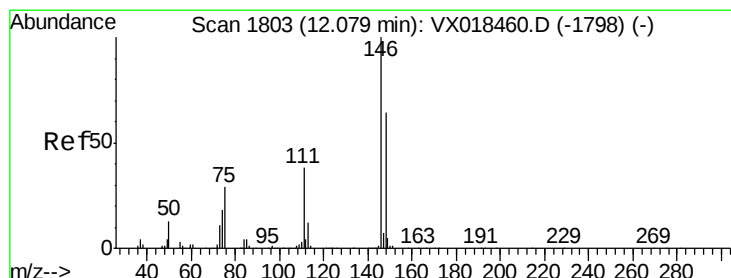
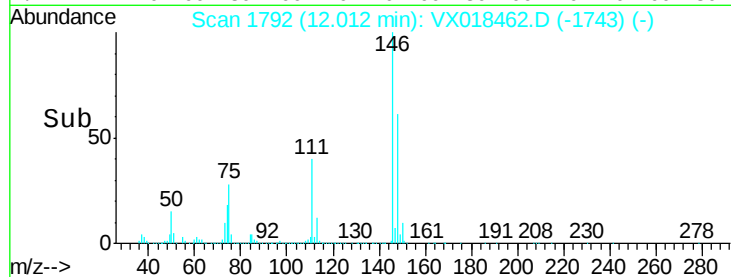
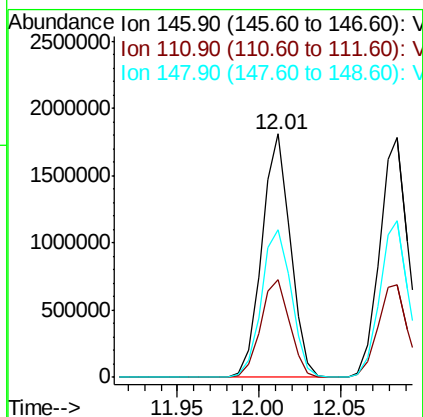
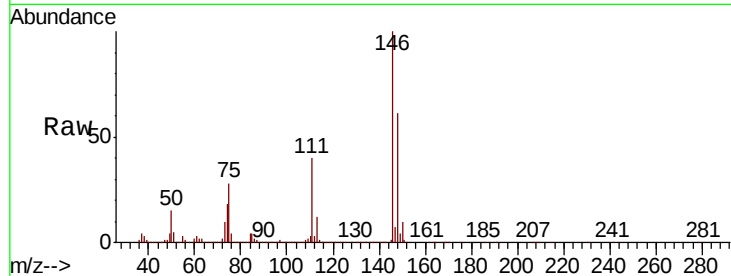




#87
 1,3-Dichlorobenzene
 Concen: 148.798 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018462.D
 Acq: 17 Sep 2020 11:52

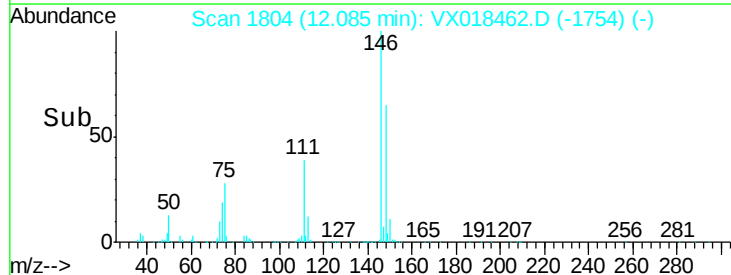
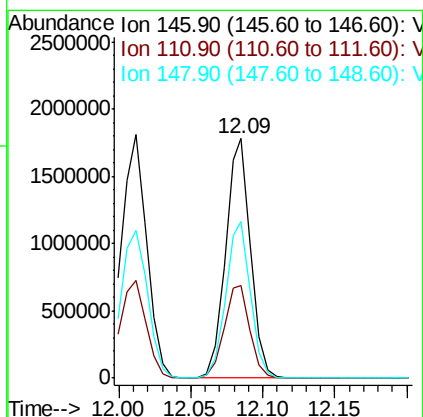
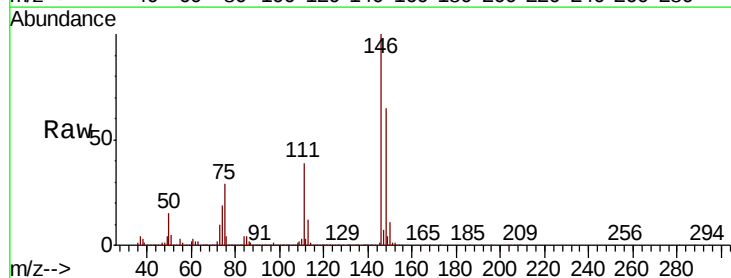
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

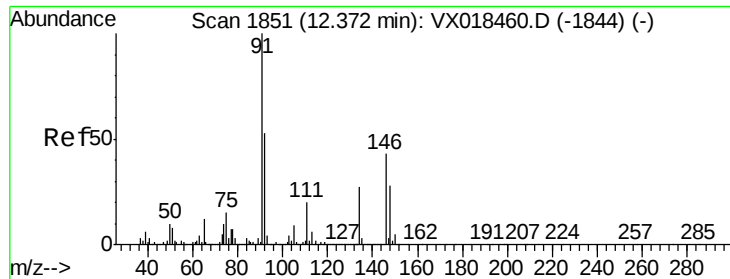
Tot Ion:146 Resp: 2192242
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.2
 148 63.5 31.1 93.2



#88
 1,4-Dichlorobenzene
 Concen: 144.202 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018462.D
 Acq: 17 Sep 2020 11:52

Tgt Ion:146 Resp: 2154172
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.4 58.4
 148 64.9 31.8 95.4

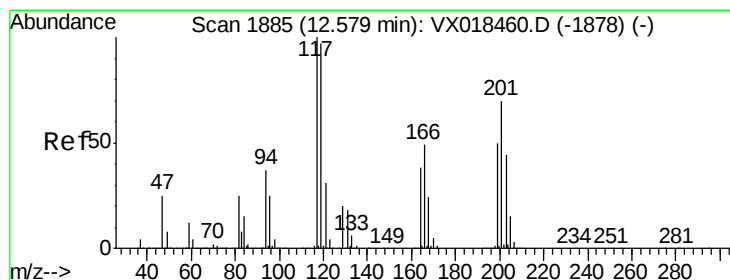
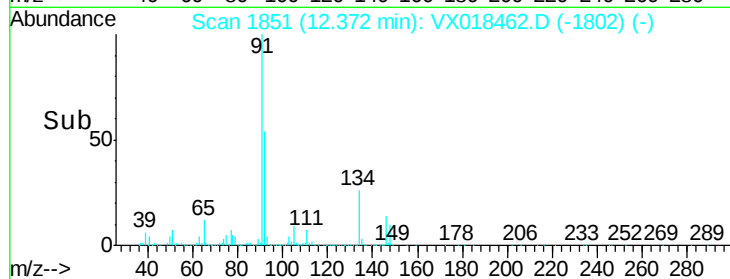
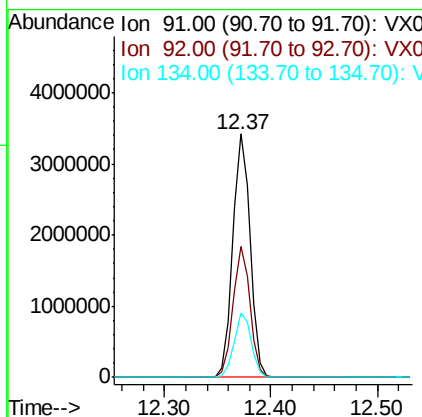
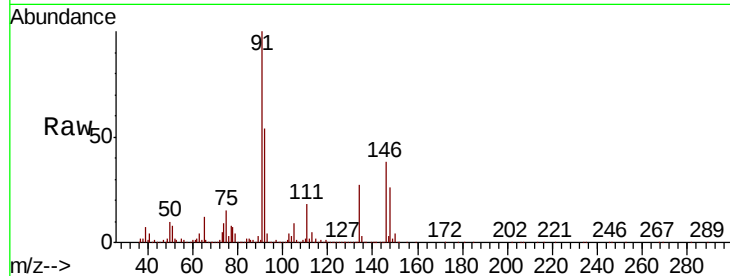




#89
n-Butylbenzene
Concen: 158.792 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

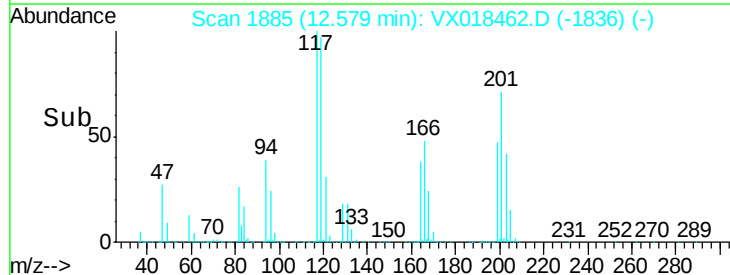
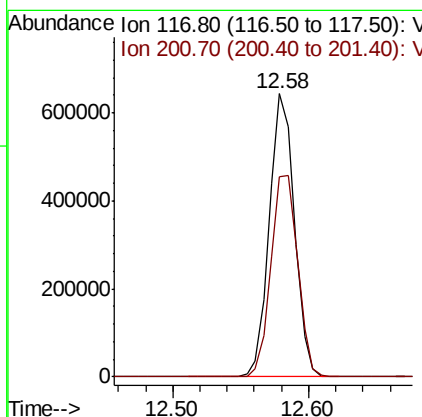
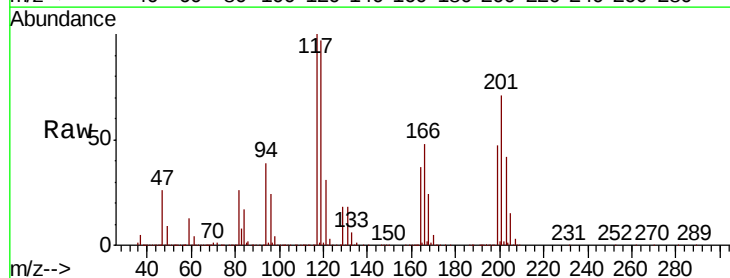
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

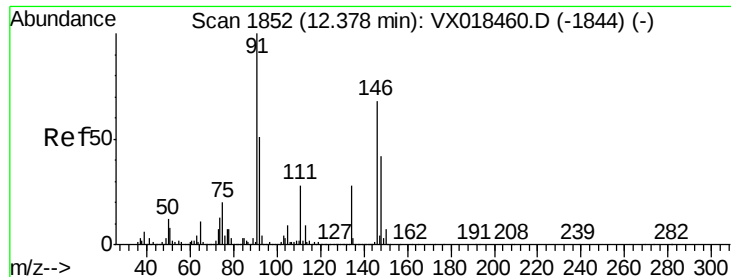
Tot Ion: 91 Resp: 3930891
Ion Ratio Lower Upper
91 100
92 52.7 26.1 78.2
134 26.3 13.3 39.8



#90
Hexachloroethane
Concen: 156.312 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018462.D
Acq: 17 Sep 2020 11:52

Tgt Ion: 117 Resp: 834469
Ion Ratio Lower Upper
117 100
201 76.2 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 148.438 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

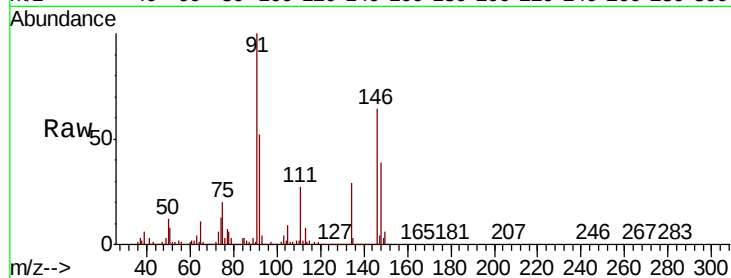
Tot Ion:146 Resp: 2046901

Ion Ratio Lower Upper

146 100

111 43.2 21.5 64.5

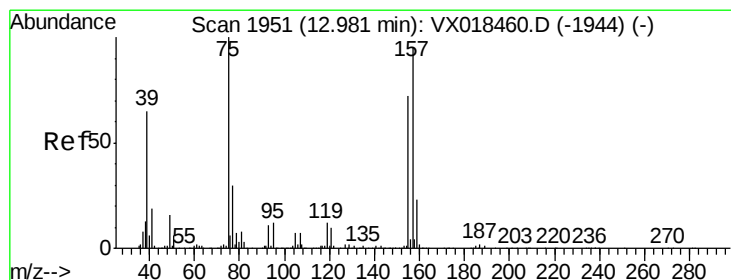
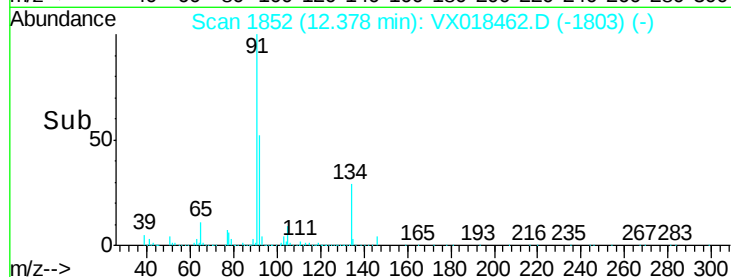
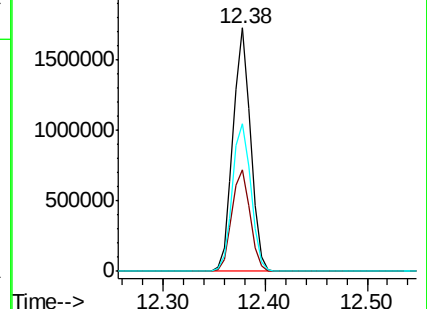
148 63.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 161.615 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

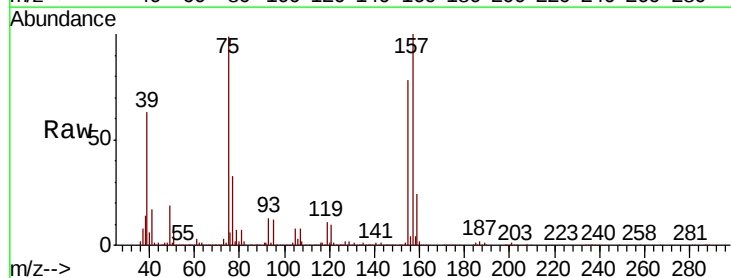
Tgt Ion: 75 Resp: 385662

Ion Ratio Lower Upper

75 100

155 83.4 38.8 116.4

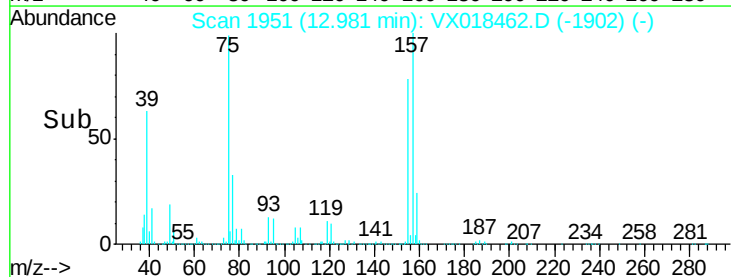
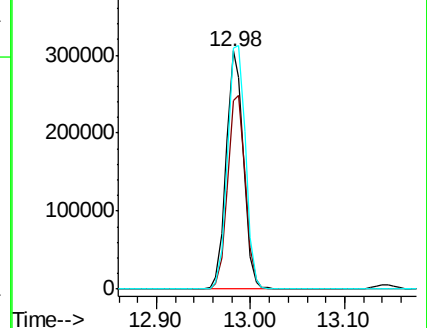
157 107.2 51.1 153.3

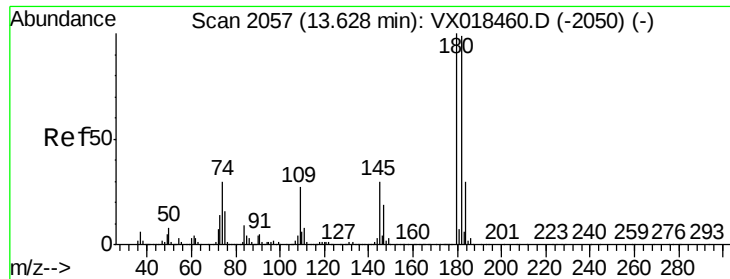


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

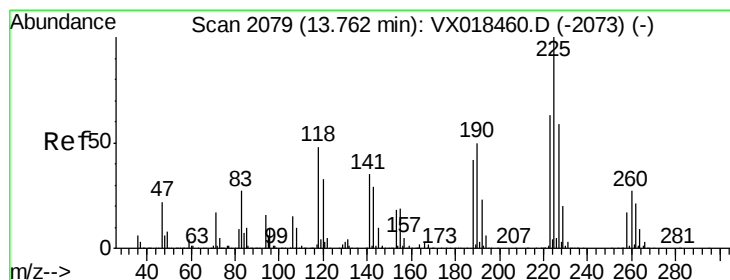
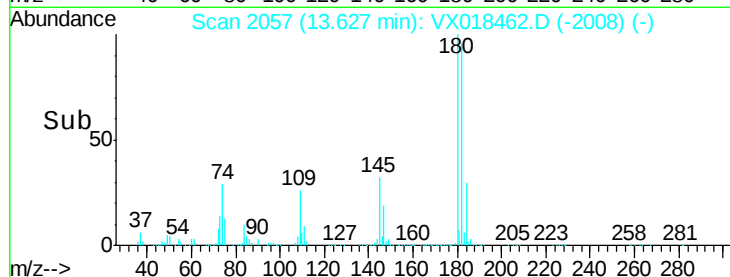
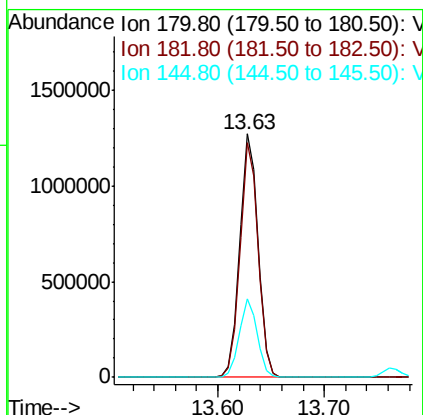
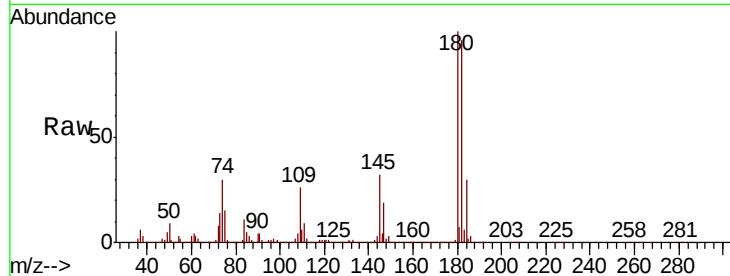




#93
 1,2,4-Trichlorobenzene
 Concen: 159.779 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018462.D
 Acq: 17 Sep 2020 11:52

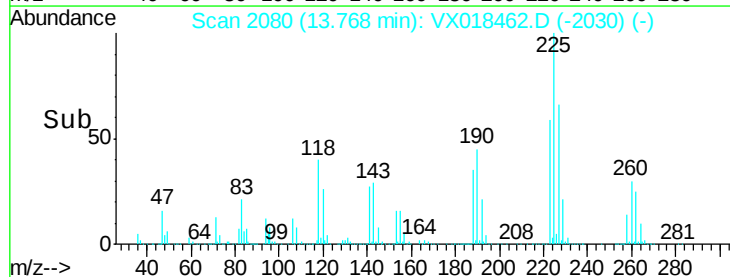
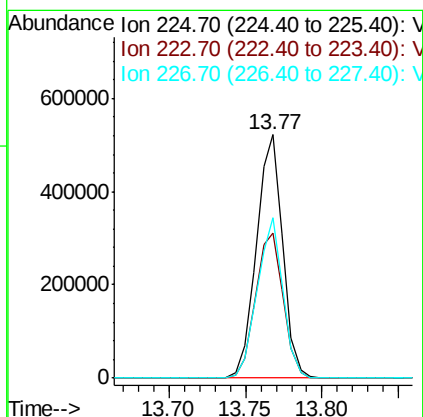
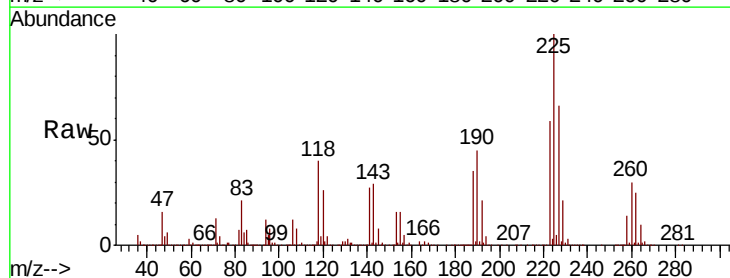
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

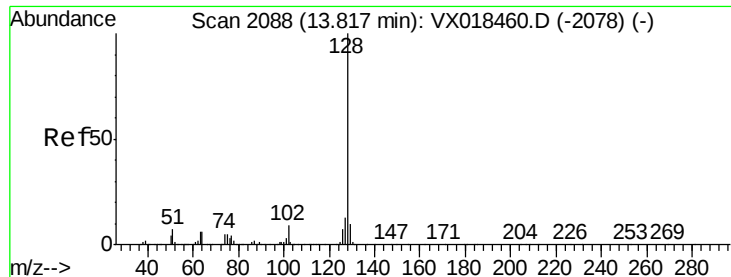
Tot Ion:180 Resp: 1533435
 Ion Ratio Lower Upper
 180 100
 182 95.0 50.2 150.6
 145 31.7 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 154.193 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018462.D
 Acq: 17 Sep 2020 11:52

Tgt Ion:225 Resp: 620982
 Ion Ratio Lower Upper
 225 100
 223 62.6 32.0 96.2
 227 64.7 31.7 95.1





#95

Naphthalene

Concen: 168.079 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

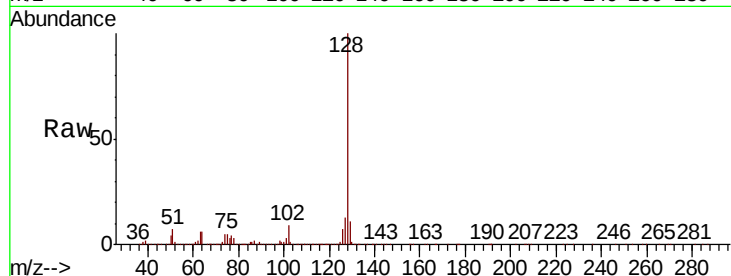
Tot Ion:128 Resp: 4871624

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

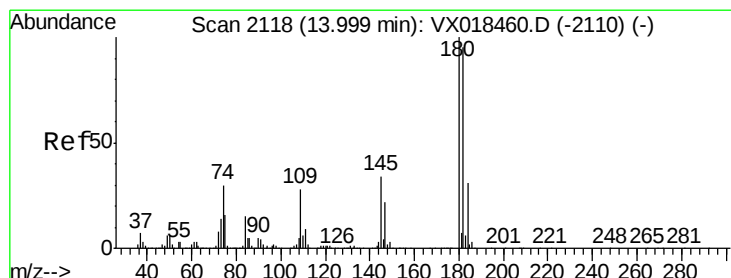
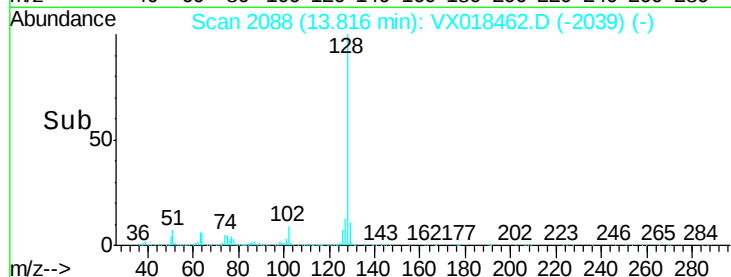
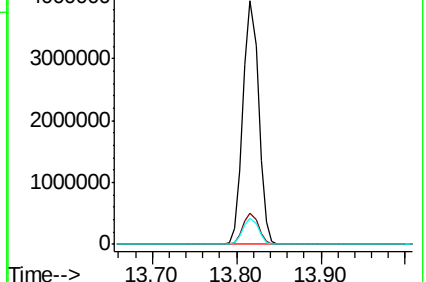
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 156.193 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018462.D

Acq: 17 Sep 2020 11:52

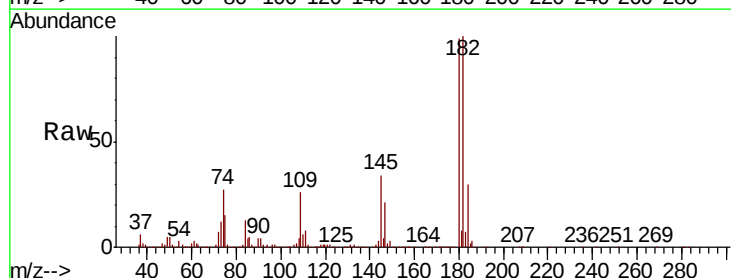
Tgt Ion:180 Resp: 1432600

Ion Ratio Lower Upper

180 100

182 99.7 47.1 141.3

145 34.9 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

