

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
 Data File : VX018222.D
 Acq On : 03 Sep 2020 09:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 04 01:18:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	457774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	685655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	649017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	349099	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	308828	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
35) Dibromofluoromethane	5.46	113	238457	51.07	ug/l	-0.01
Spiked Amount			Recovery	=	102.14%	
50) Toluene-d8	8.70	98	852986	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	11.12	95	325782	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	278909	50.042	ug/l	99
3) Chloromethane	1.31	50	255664	43.510	ug/l	97
4) Vinyl Chloride	1.39	62	258225	44.146	ug/l	96
5) Bromomethane	1.64	94	180931	64.130	ug/l	96
6) Chloroethane	1.71	64	144898	46.122	ug/l	100
7) Trichlorofluoromethane	1.92	101	442320	55.457	ug/l	97
8) Diethyl Ether	2.17	74	133841	49.481	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	229176	53.148	ug/l	99
10) Methyl Iodide	2.49	142	213474	46.666	ug/l	97
11) Tert butyl alcohol	3.04	59	251713	203.708	ug/l	98
12) 1,1-Dichloroethene	2.36	96	213793	47.790	ug/l	96
13) Acrolein	2.28	56	94946	185.312	ug/l	99
14) Allyl chloride	2.71	41	382204	47.553	ug/l	96
15) Acrylonitrile	3.12	53	600636	214.288	ug/l	99
16) Acetone	2.43	43	498835	201.442	ug/l	97
17) Carbon Disulfide	2.55	76	609931	45.101	ug/l	99
18) Methyl Acetate	2.75	43	290965	48.692	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	762122	49.675	ug/l	98
20) Methylene Chloride	2.83	84	240416	47.422	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	235164	47.447	ug/l	96
22) Diisopropyl ether	3.82	45	758506	47.815	ug/l	# 83
23) Vinyl Acetate	3.78	43	3367353	238.560	ug/l	99
24) 1,1-Dichloroethane	3.67	63	431609	47.797	ug/l	98
25) 2-Butanone	4.64	43	844309	207.460	ug/l	98
26) 2,2-Dichloropropane	4.55	77	410597	55.884	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	260539	45.624	ug/l	98
28) Bromochloromethane	4.98	49	200209	45.932	ug/l	97
29) Tetrahydrofuran	5.09	42	536392	207.043	ug/l	98
30) Chloroform	5.17	83	460747	49.276	ug/l	99
31) Cyclohexane	5.55	56	355412	46.724	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	430656	50.189	ug/l	99
36) 1,1-Dichloropropene	5.77	75	333856	52.791	ug/l	99
37) Ethyl Acetate	4.79	43	332490	45.267	ug/l	99
38) Carbon Tetrachloride	5.75	117	401428	56.325	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	368754	53.325	ug/l	98
40) Benzene	6.11	78	944251	50.813	ug/l	99
41) Methacrylonitrile	4.99	41	186399	46.219	ug/l	99
42) 1,2-Dichloroethane	6.16	62	384936	54.066	ug/l	97
43) Isopropyl Acetate	6.41	43	546065	46.029	ug/l	99
44) Trichloroethene	7.19	130	275023	52.378	ug/l	99
45) 1,2-Dichloropropane	7.49	63	255982	51.111	ug/l	97
46) Dibromomethane	7.63	93	179798	51.051	ug/l	99
47) Bromodichloromethane	7.87	83	379378	53.948	ug/l	100
48) Methyl methacrylate	7.74	41	275573	46.661	ug/l	98
49) 1,4-Dioxane	7.74	88	94928	887.352	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1709712	233.303	ug/l	100
52) Toluene	8.76	92	605236	51.364	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	412881	52.975	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	425284	51.510	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	253469	50.437	ug/l	99
56) Ethyl methacrylate	9.16	69	358845	48.032	ug/l	98
57) 1,3-Dichloropropane	9.35	76	412704	49.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	744489	221.524	ug/l	98
59) 2-Hexanone	9.47	43	1333812	239.363	ug/l	99
60) Dibromochloromethane	9.57	129	307451	52.152	ug/l	99
61) 1,2-Dibromoethane	9.65	107	268284	49.172	ug/l	100
64) Tetrachloroethene	9.32	164	280536	58.820	ug/l	95
65) Chlorobenzene	10.12	112	660156	50.929	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	273125	53.461	ug/l	98
67) Ethyl Benzene	10.23	91	1162977	52.758	ug/l	99
68) m/p-Xylenes	10.34	106	879421	106.885	ug/l	97
69) o-Xylene	10.68	106	408420	51.207	ug/l	95
70) Styrene	10.70	104	722658	53.204	ug/l	98
71) Bromoform	10.84	173	228511	52.439	ug/l	99
73) Isopropylbenzene	11.00	105	1175923	51.067	ug/l	100
74) N-amyl acetate	10.88	43	473115	43.304	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	349859	43.070	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	443813	57.149	ug/l	85
77) Bromobenzene	11.24	156	304470	47.834	ug/l	95
78) n-propylbenzene	11.34	91	1341317	51.301	ug/l	100
79) 2-Chlorotoluene	11.40	91	795668	49.256	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1002695	52.990	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	133113	46.295	ug/l	93
82) 4-Chlorotoluene	11.49	91	963289	50.162	ug/l	99
83) tert-Butylbenzene	11.76	119	933268	49.977	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	1012923	52.358	ug/l	100
85) sec-Butylbenzene	11.93	105	1128424	53.137	ug/l	99
86) p-Isopropyltoluene	12.05	119	1090309	55.894	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	562615	50.344	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	557606	49.833	ug/l	99
89) n-Butylbenzene	12.37	91	948649	53.283	ug/l	99
90) Hexachloroethane	12.58	117	202269	52.704	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	529324	50.318	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	88553	43.599	ug/l	97

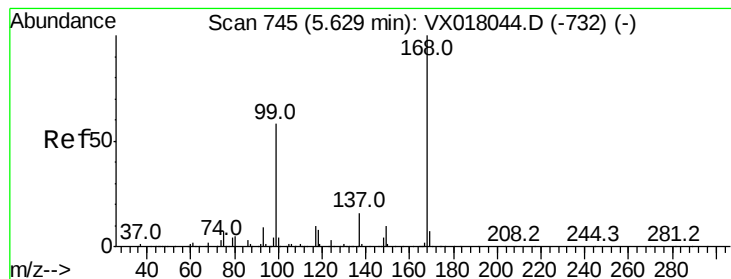
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	364908	52.020	ug/l	99
94) Hexachlorobutadiene	13.76	225	161564	58.393	ug/l	97
95) Naphthalene	13.82	128	1116367	48.357	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	359780	51.907	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

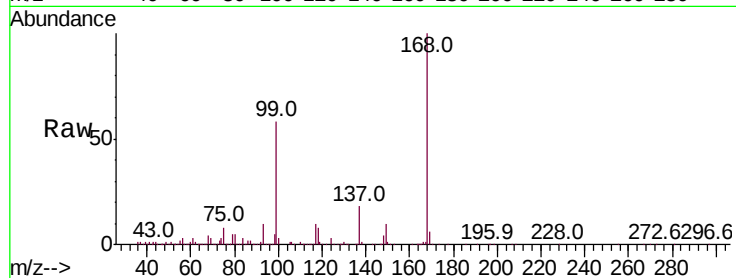
VSTDCCC050

Tot Ion:168 Resp: 457774

Ion Ratio Lower Upper

168 100

99 57.9 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

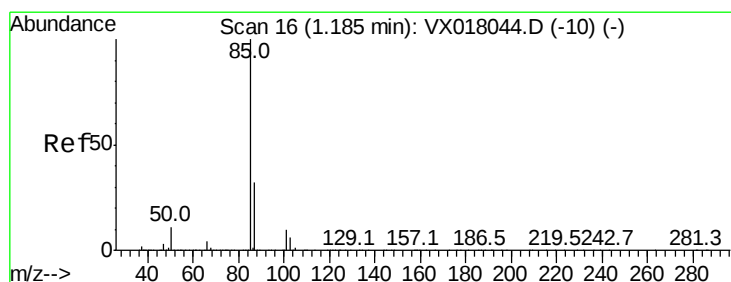
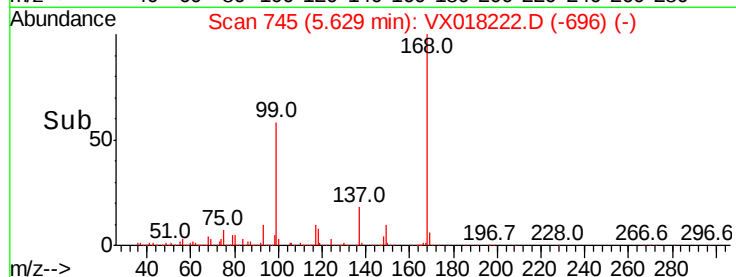
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 50.042 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018222.D

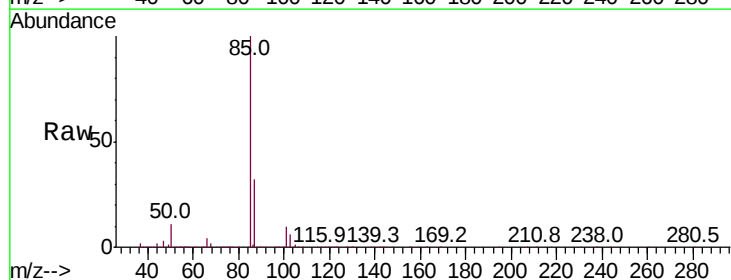
Acq: 03 Sep 2020 09:23

Tgt Ion: 85 Resp: 278909

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

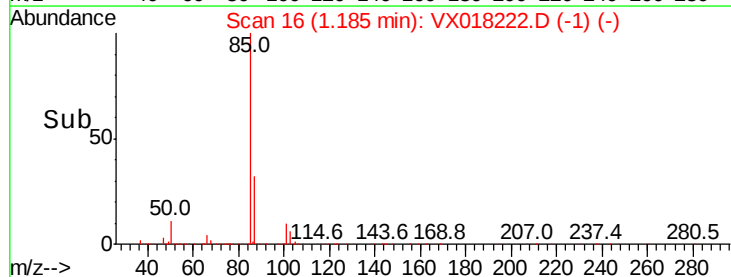
200000

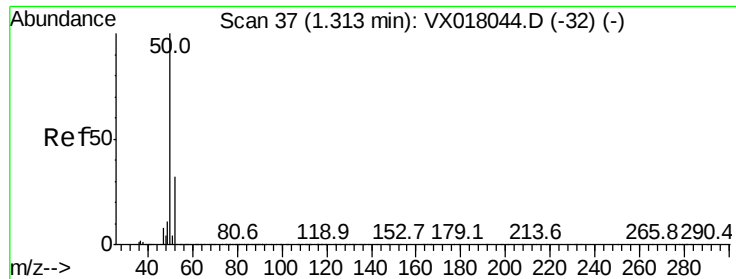
100000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.510 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

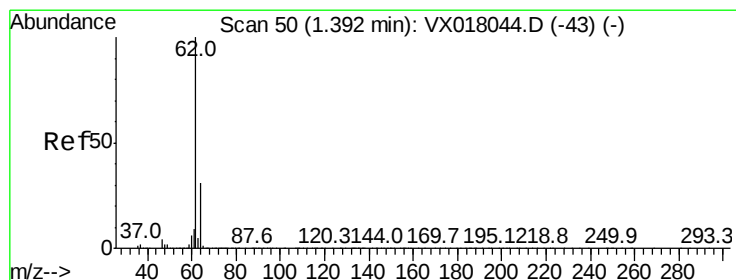
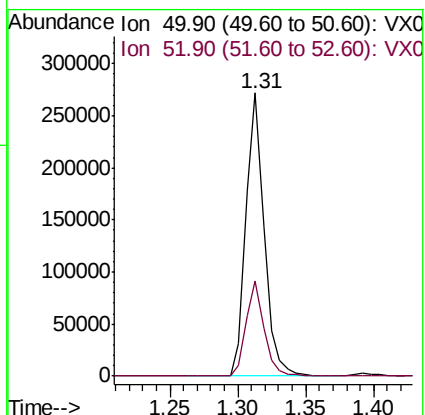
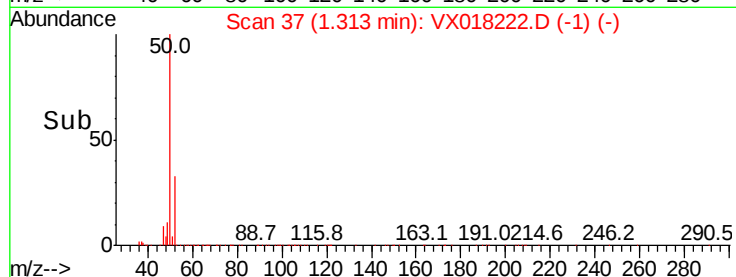
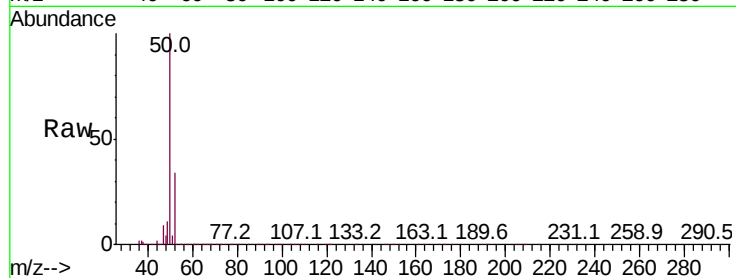
VSTDCCC050

Tot Ion: 50 Resp: 255664

Ion Ratio Lower Upper

50 100

52 33.4 25.4 38.2



#4

Vinyl Chloride

Concen: 44.146 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018222.D

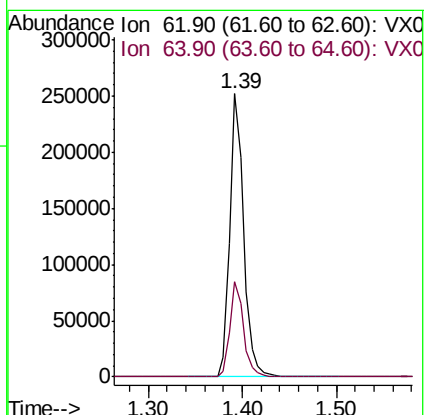
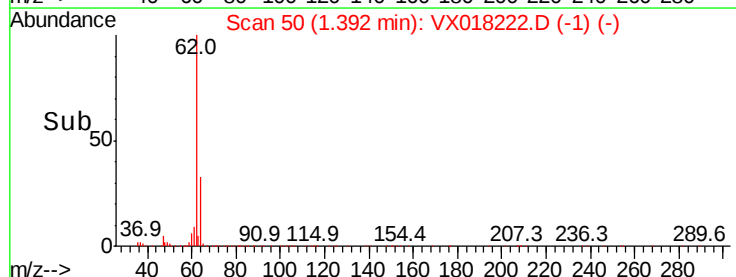
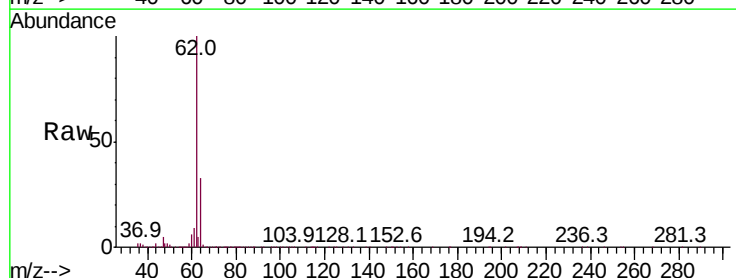
Acq: 03 Sep 2020 09:23

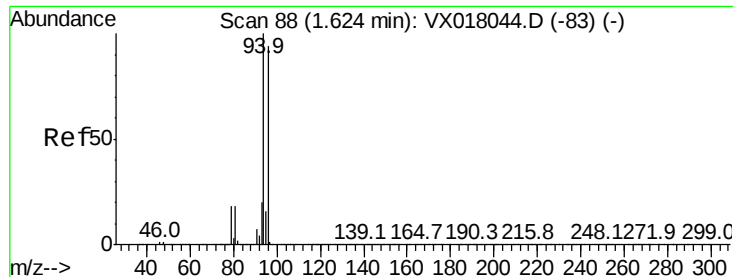
Tgt Ion: 62 Resp: 258225

Ion Ratio Lower Upper

62 100

64 33.4 25.1 37.7





#5

Bromomethane

Concen: 64.130 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

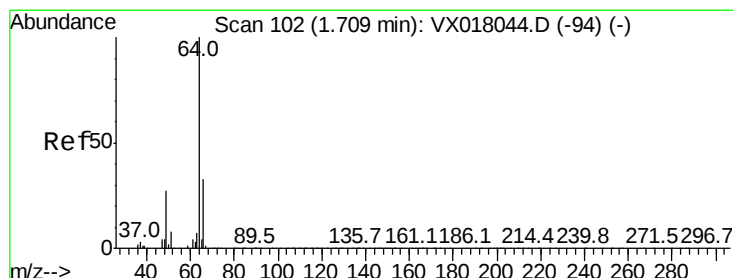
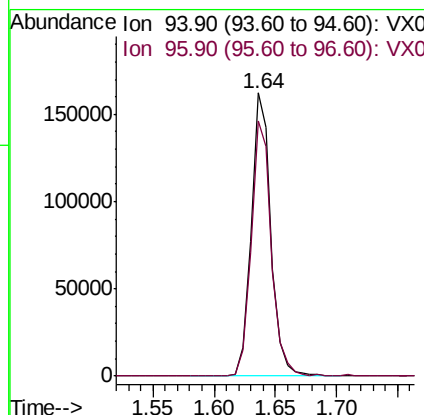
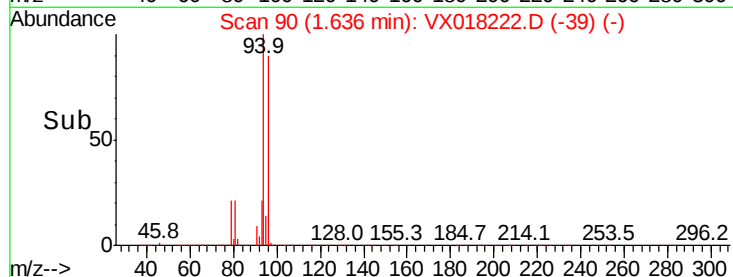
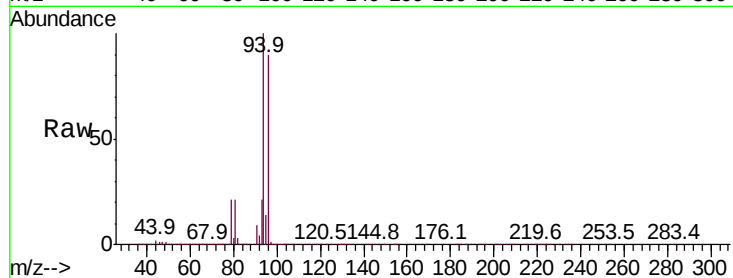
VSTDCCC050

Tot Ion: 94 Resp: 180931

Ion Ratio Lower Upper

94 100

96 89.9 74.8 112.2



#6

Chloroethane

Concen: 46.122 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018222.D

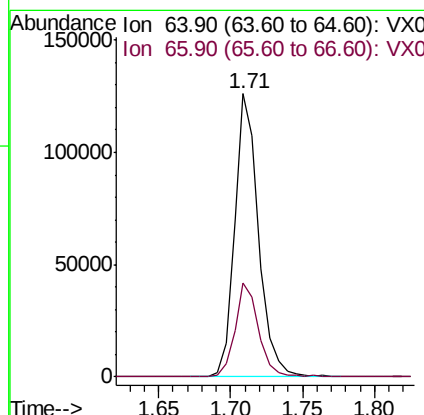
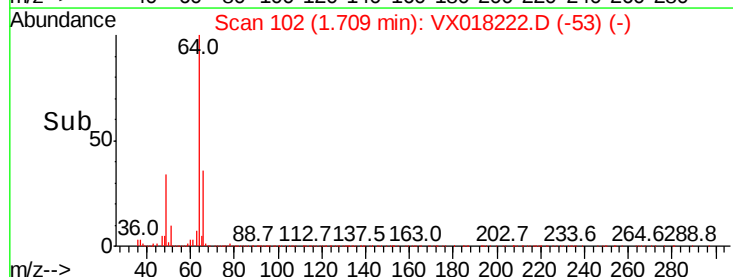
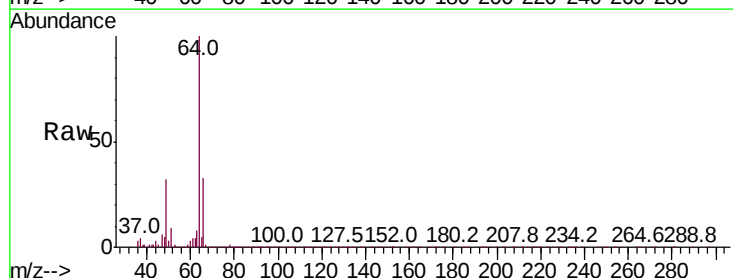
Acq: 03 Sep 2020 09:23

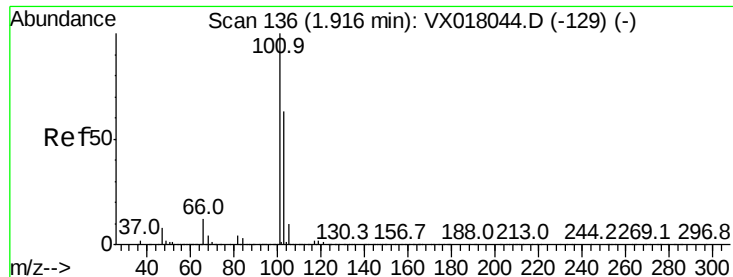
Tgt Ion: 64 Resp: 144898

Ion Ratio Lower Upper

64 100

66 33.3 26.6 39.8



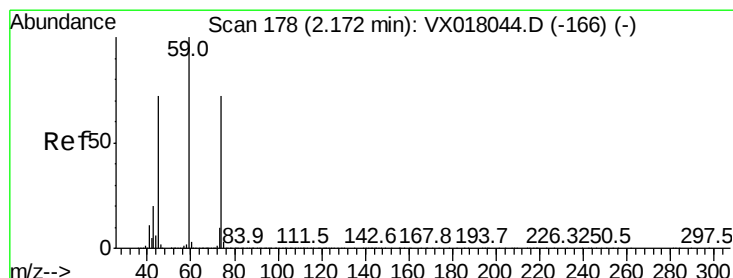
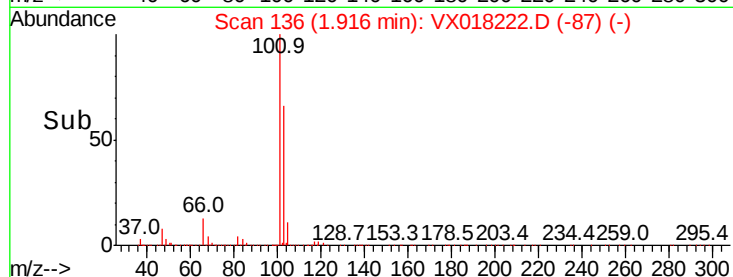
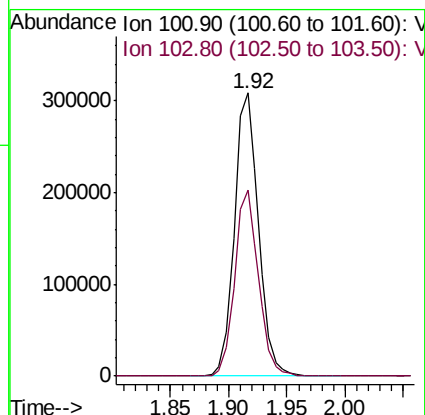
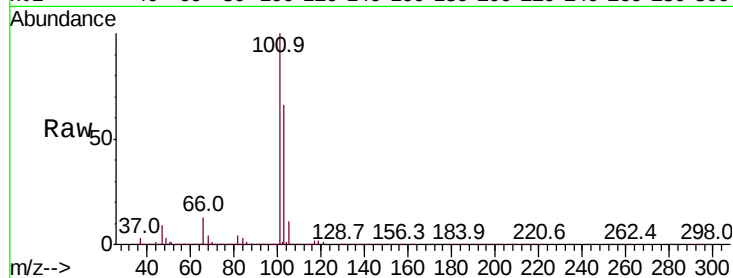


#7

Trichlorofluoromethane
Concen: 55.457 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

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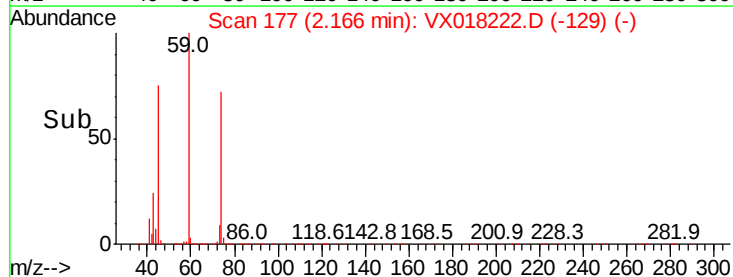
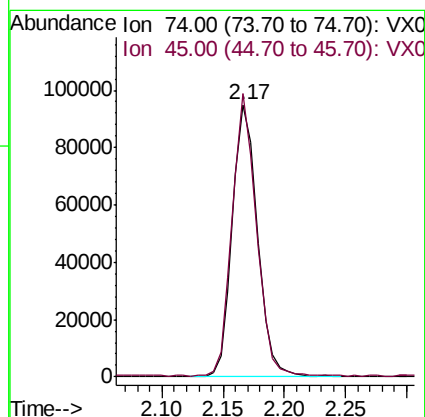
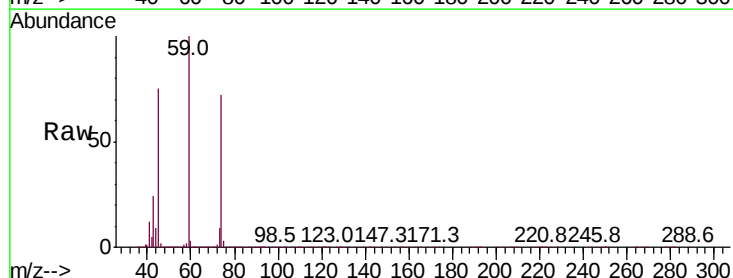
Tot Ion:101 Resp: 442320
Ion Ratio Lower Upper
101 100
103 65.9 50.7 76.1

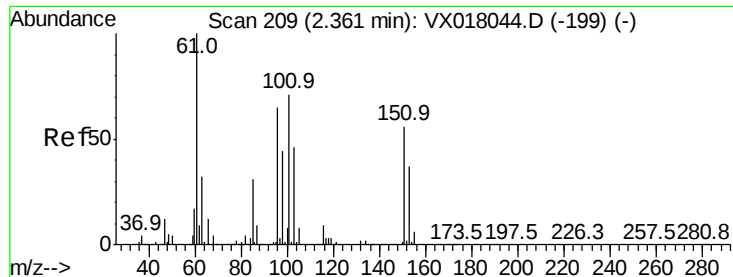


#8

Diethyl Ether
Concen: 49.481 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion: 74 Resp: 133841
Ion Ratio Lower Upper
74 100
45 100.4 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.148 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

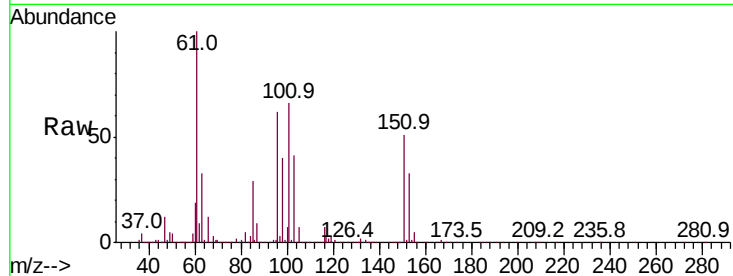
Tot Ion:101 Resp: 229176

Ion Ratio Lower Upper

101 100

85 43.8 34.0 51.0

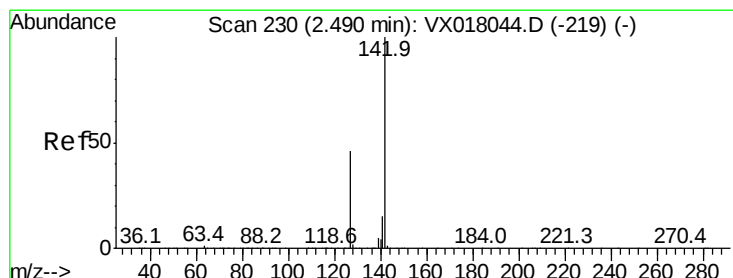
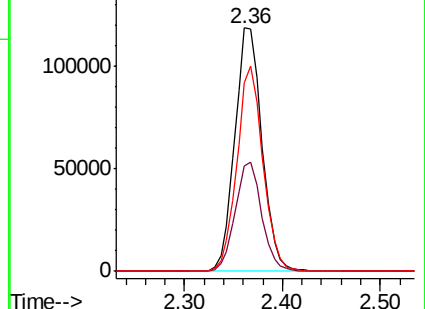
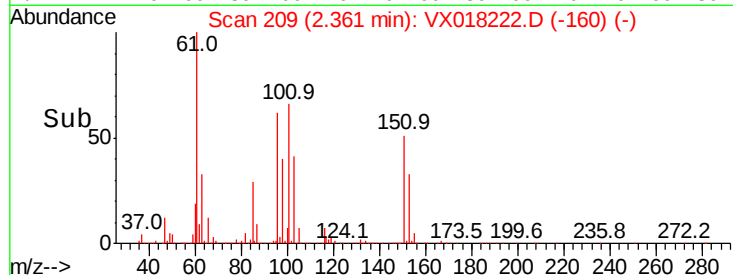
151 80.7 65.2 97.8



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: 46.666 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

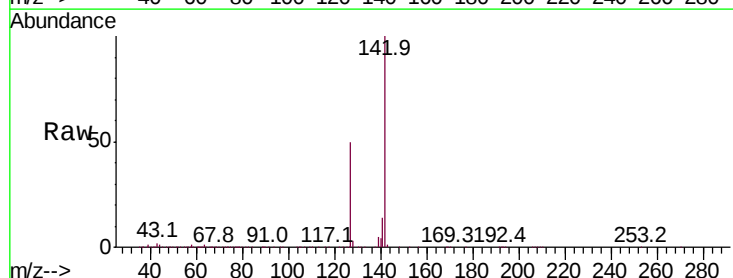
Tgt Ion:142 Resp: 213474

Ion Ratio Lower Upper

142 100

127 48.9 37.0 55.6

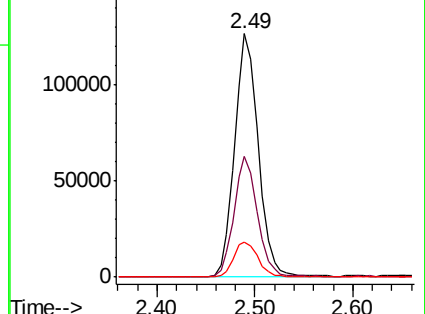
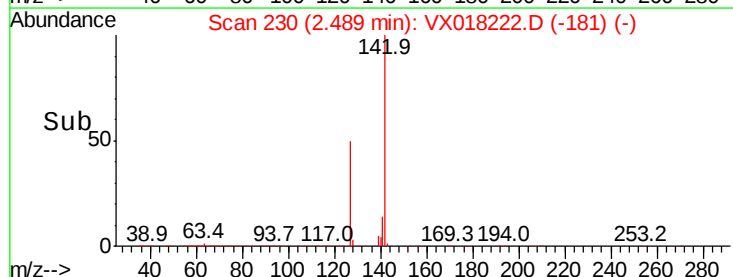
141 14.9 11.5 17.3

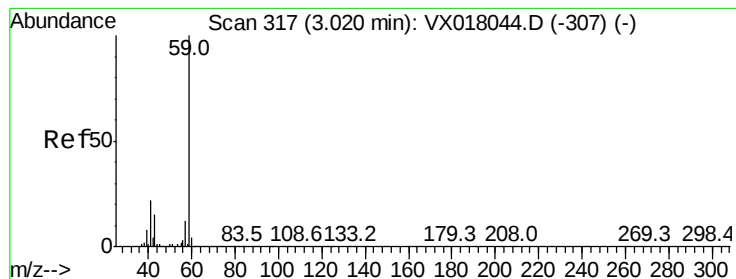


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



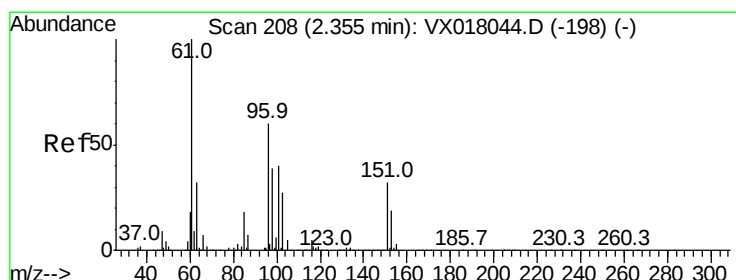
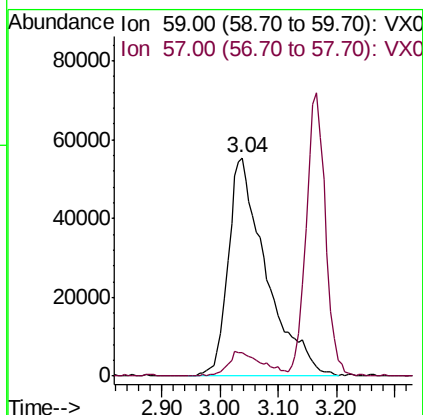
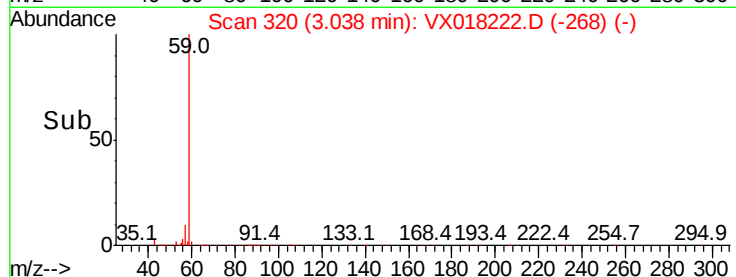
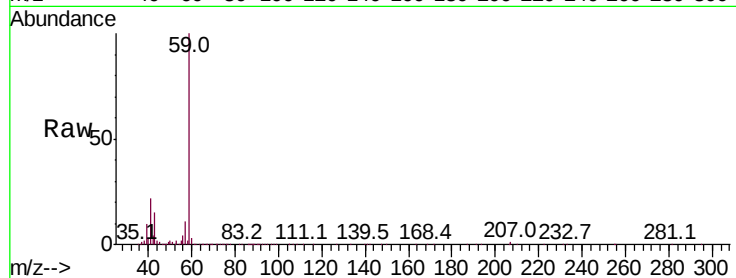


#11

Tert butyl alcohol
Concen: 203.708 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

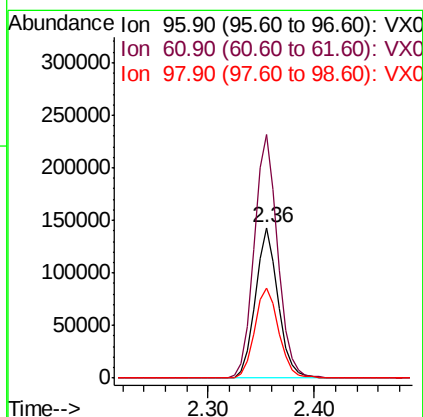
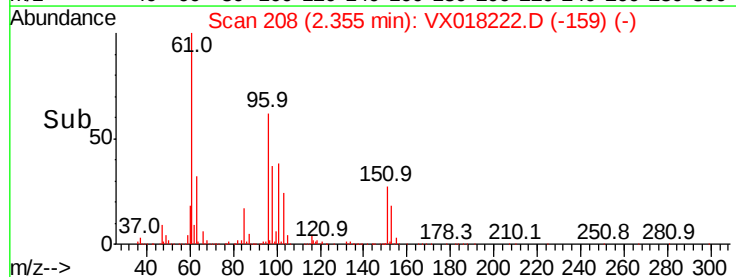
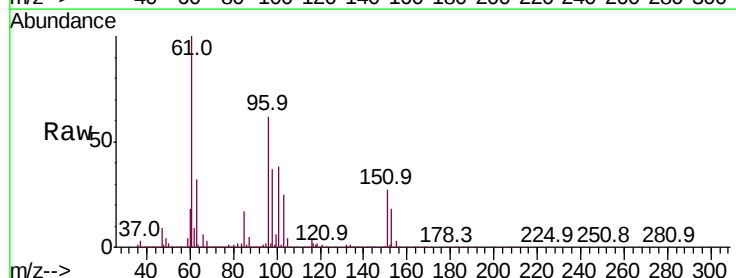
Tot Ion: 59 Resp: 251713
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3

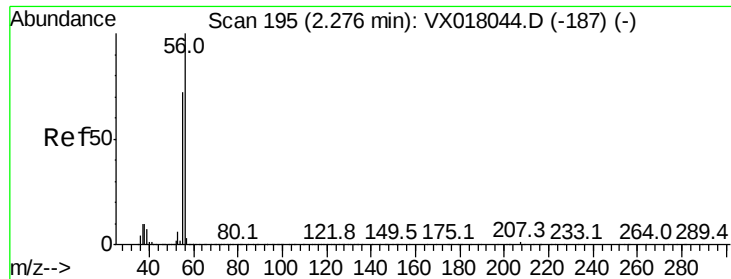


#12

1,1-Dichloroethene
Concen: 47.790 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion: 96 Resp: 213793
Ion Ratio Lower Upper
96 100
61 161.4 133.0 199.4
98 59.9 51.6 77.4

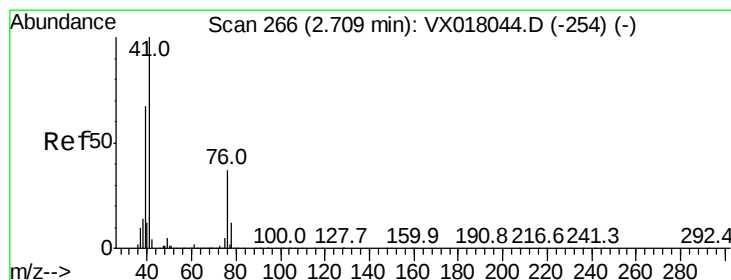
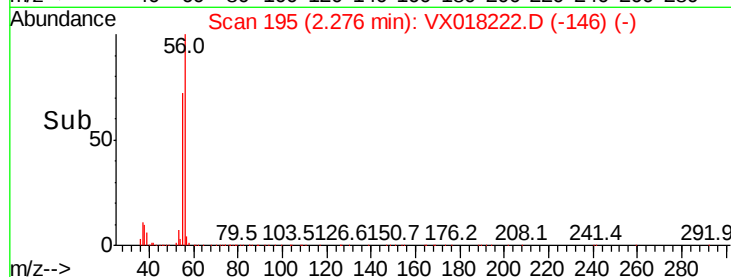
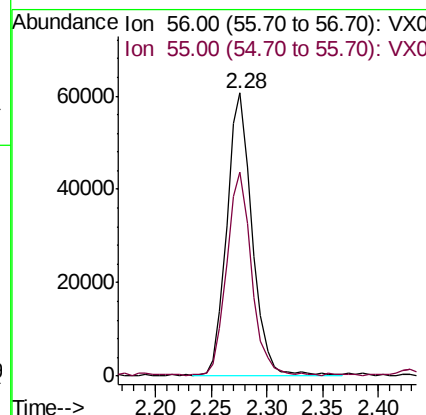
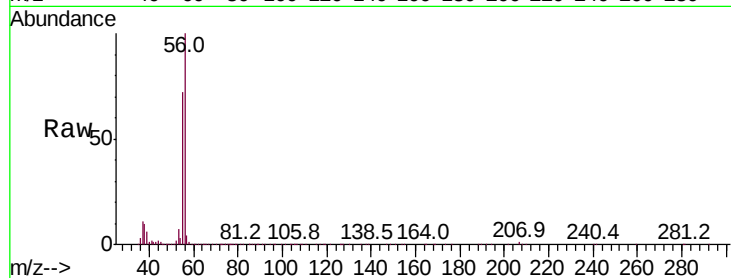




#13
 Acrolein
 Concen: 185.312 ug/l
 RT: 2.28 min Scan# 195
 Delta R.T. -0.00 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

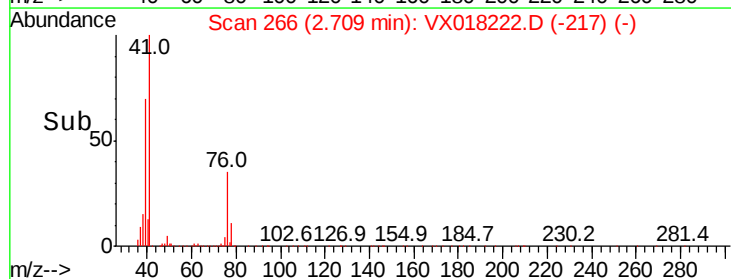
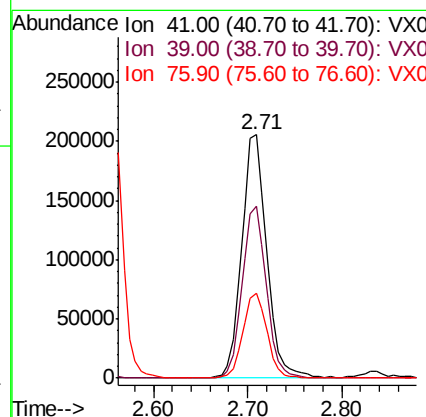
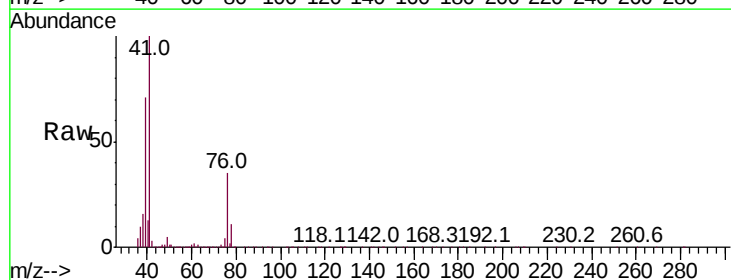
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

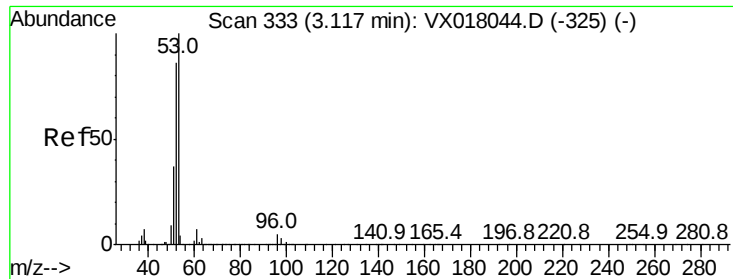
Tot Ion: 56 Resp: 94946
 Ion Ratio Lower Upper
 56 100
 55 70.7 57.0 85.6



#14
 Allyl chloride
 Concen: 47.553 ug/l
 RT: 2.71 min Scan# 266
 Delta R.T. -0.00 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

Tgt Ion: 41 Resp: 382204
 Ion Ratio Lower Upper
 41 100
 39 67.7 50.6 76.0
 76 33.3 26.2 39.2



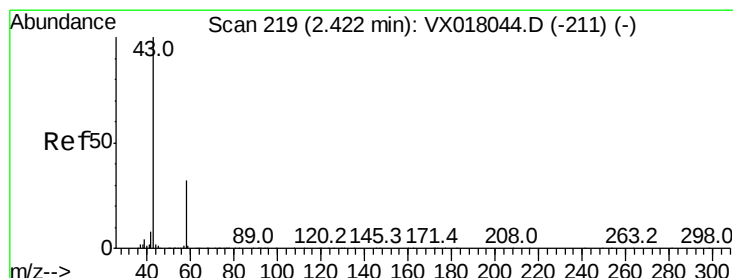
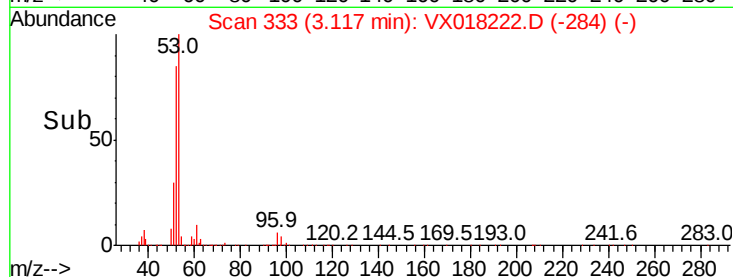
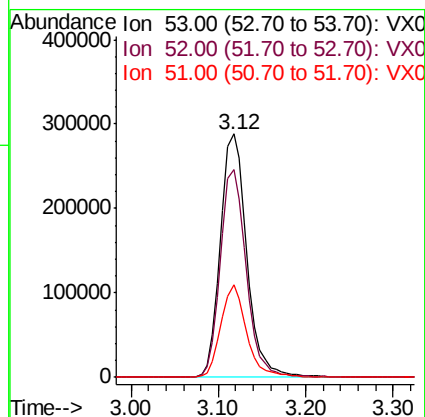
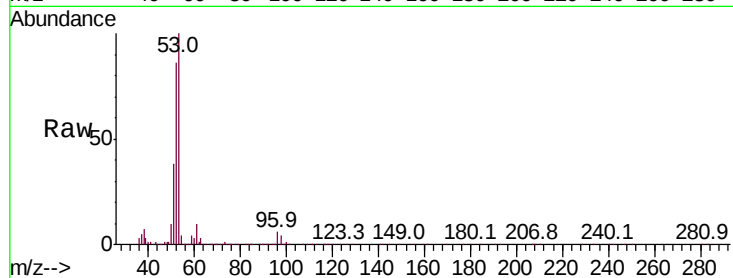


#15
 Acrylonitrile
 Concen: 214.288 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 53 Resp: 600636

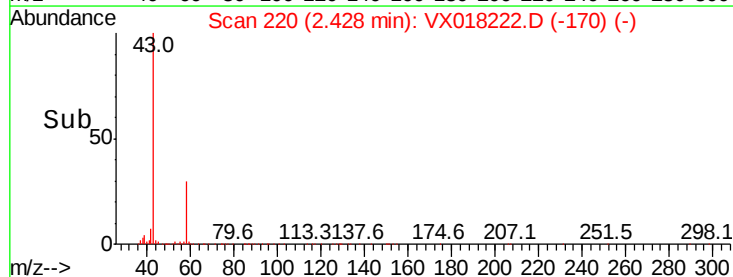
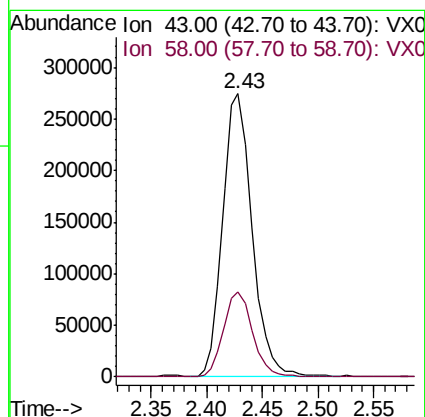
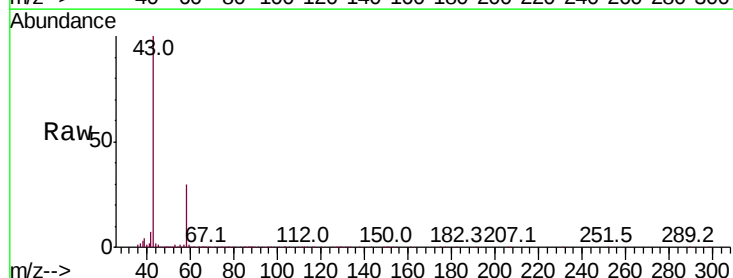
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.9	100.3
51	37.0	28.7	43.1

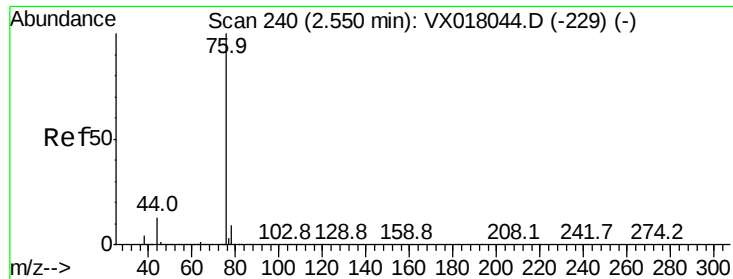


#16
 Acetone
 Concen: 201.442 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

Tgt Ion: 43 Resp: 498835

Ion	Ratio	Lower	Upper
43	100		
58	30.1	25.5	38.3

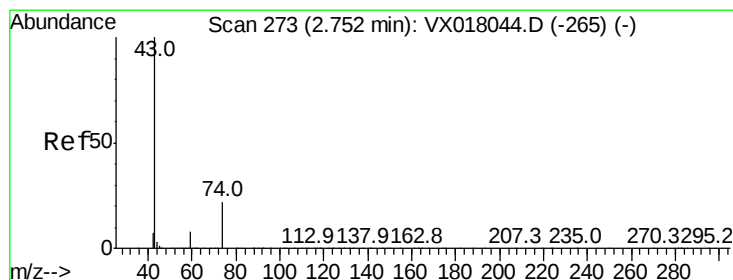
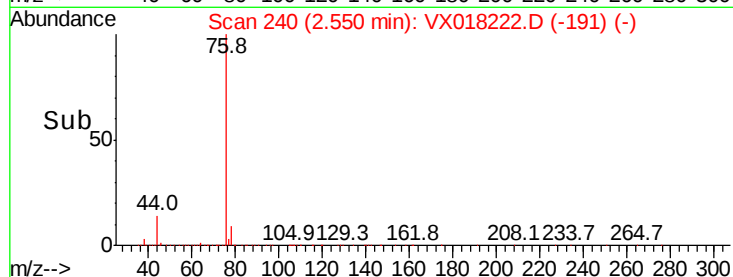
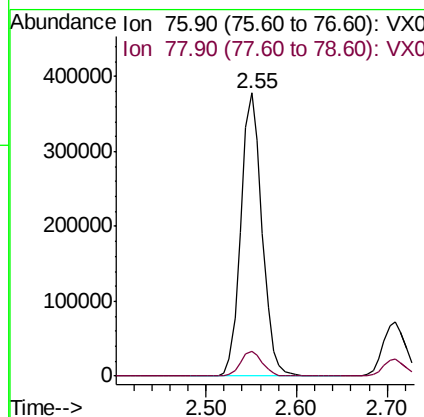
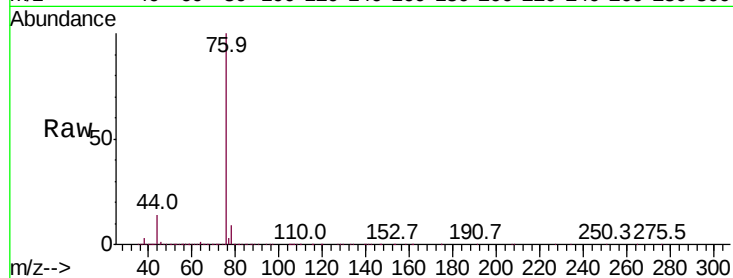




#17
Carbon Disulfide
Concen: 45.101 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

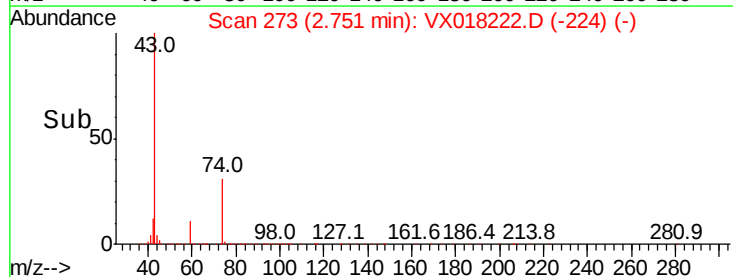
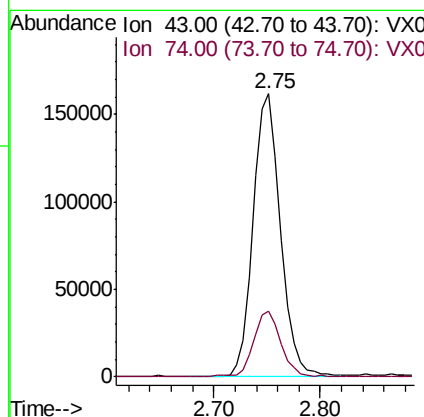
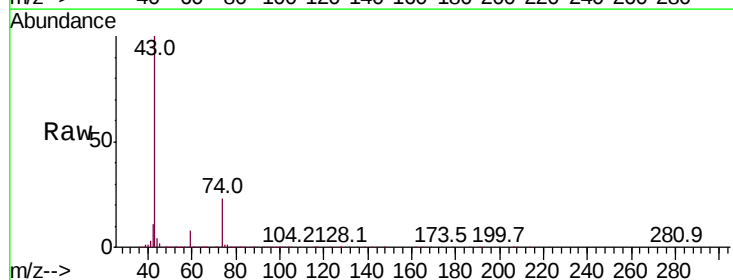
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

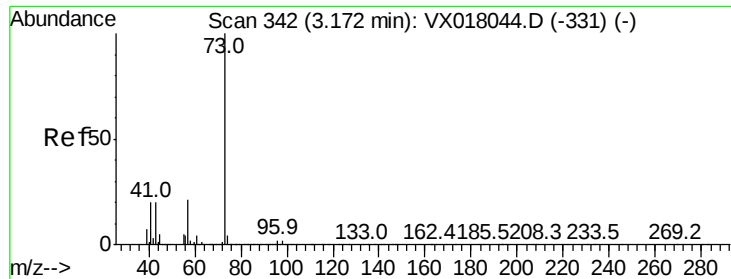
Tot Ion: 76 Resp: 609931
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 48.692 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion: 43 Resp: 290965
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.4

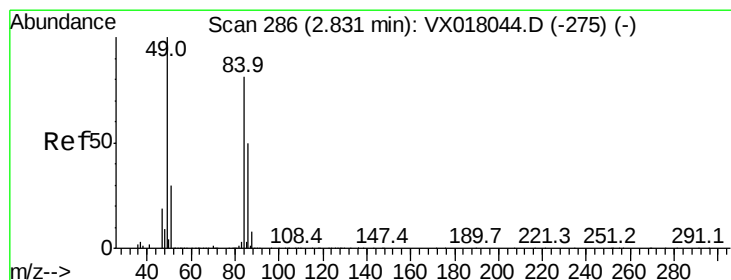
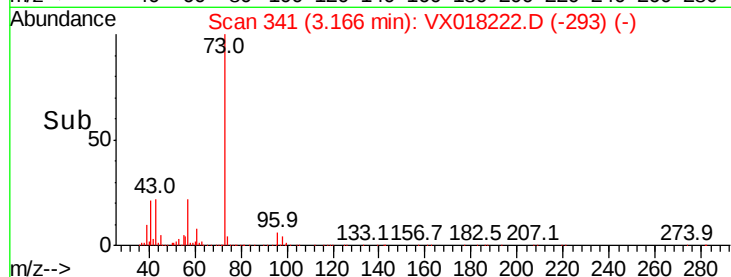
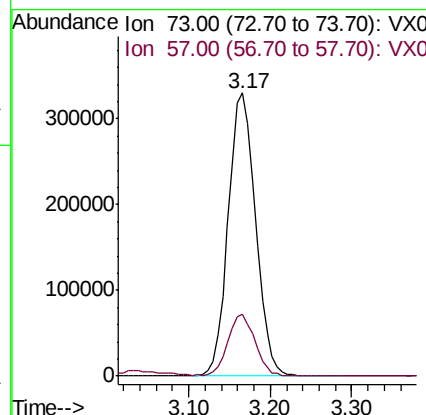
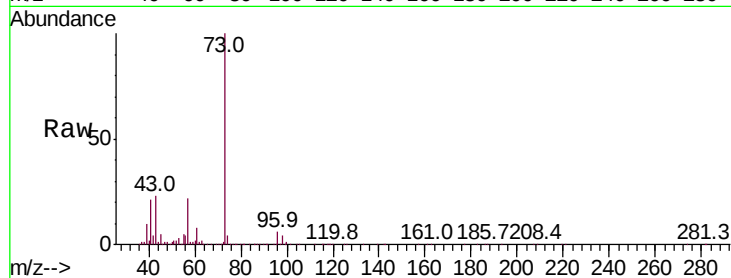




#19
Methyl tert-butyl Ether
Concen: 49.675 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

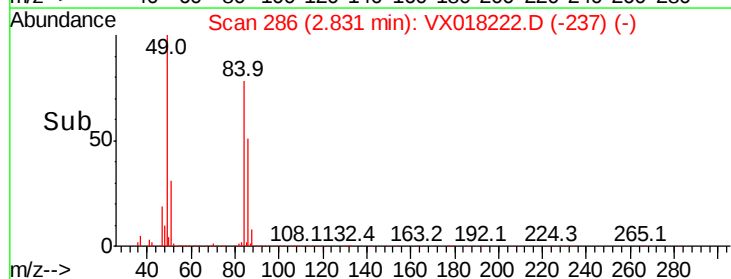
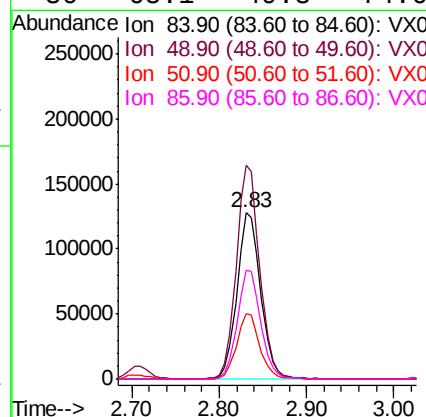
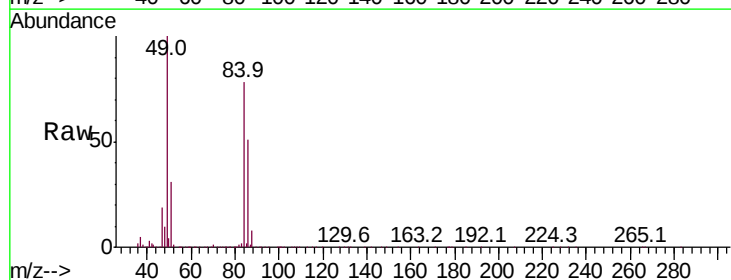
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

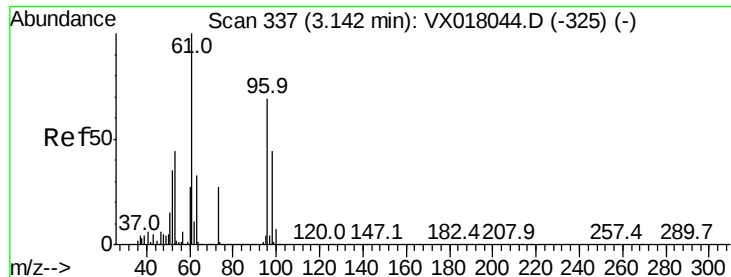
Tot Ion: 73 Resp: 762122
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2



#20
Methylene Chloride
Concen: 47.422 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion: 84 Resp: 240416
Ion Ratio Lower Upper
84 100
49 128.4 98.6 148.0
51 39.3 29.6 44.4
86 65.1 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 47.447 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

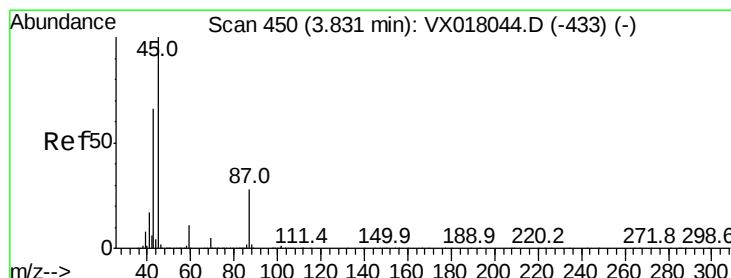
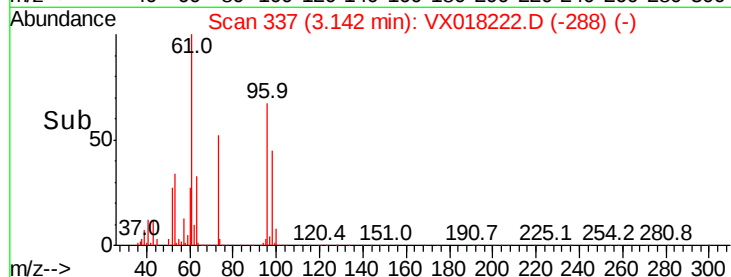
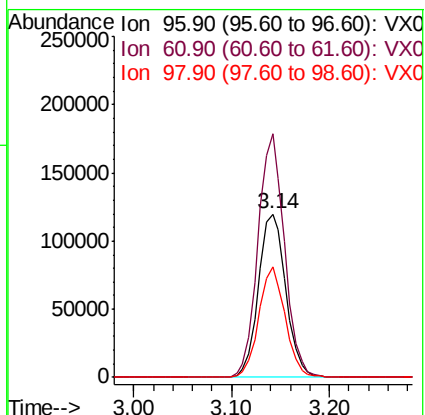
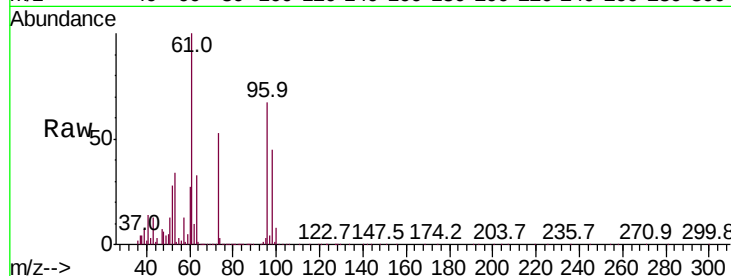
Tot Ion: 96 Resp: 235164

Ion Ratio Lower Upper

96 100

61 149.0 115.4 173.0

98 67.2 51.1 76.7



#22

Diisopropyl ether

Concen: 47.815 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tgt Ion: 45 Resp: 758506

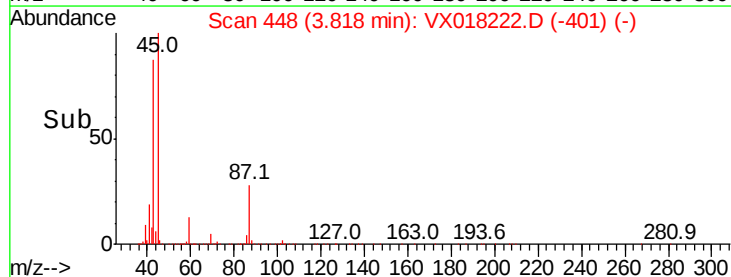
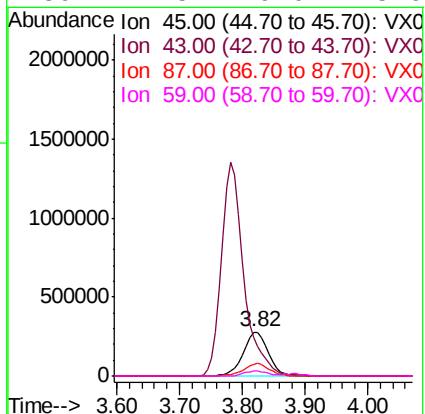
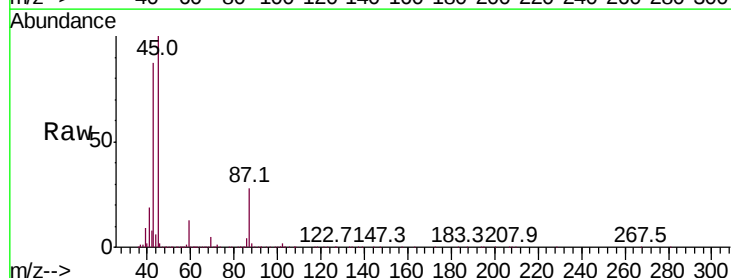
Ion Ratio Lower Upper

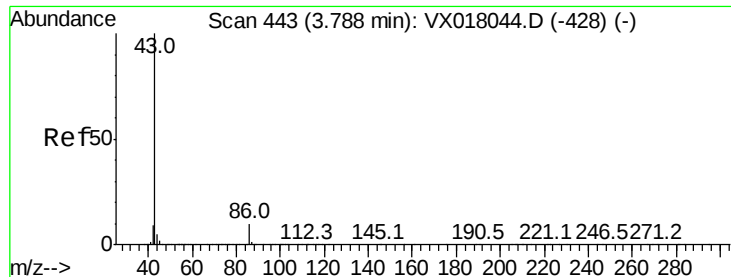
45 100

43 86.8 52.8 79.2#

87 27.6 22.5 33.7

59 12.5 9.0 13.6





#23

Vinyl Acetate

Concen: 238.560 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

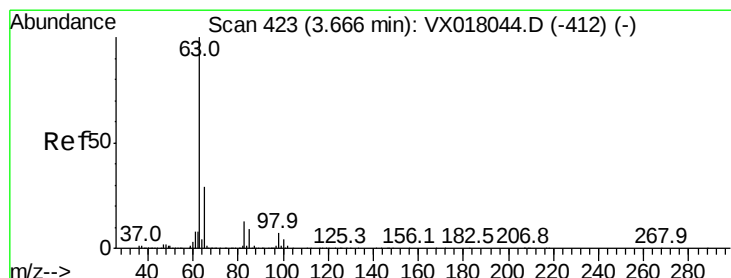
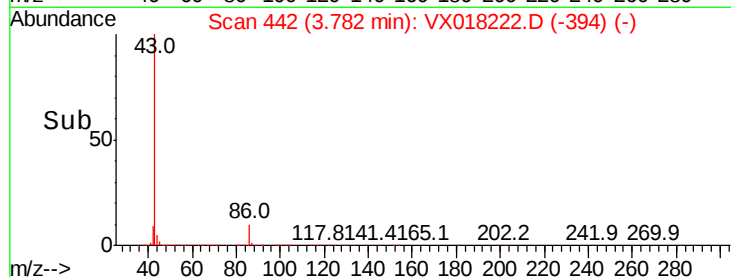
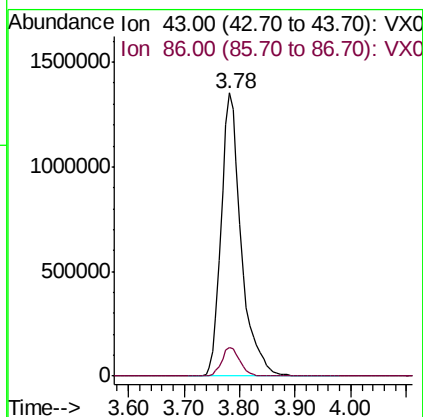
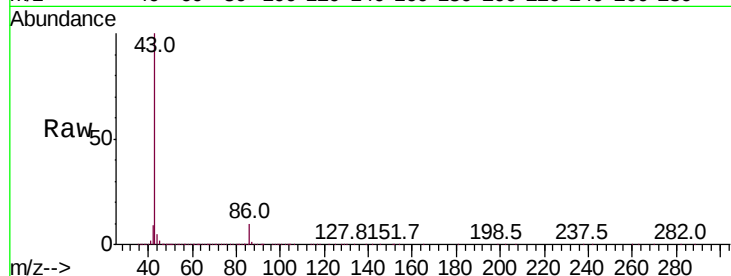
VSTDCCC050

Tot Ion: 43 Resp: 3367353

Ion Ratio Lower Upper

43 100

86 10.2 7.9 11.9



#24

1,1-Dichloroethane

Concen: 47.797 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

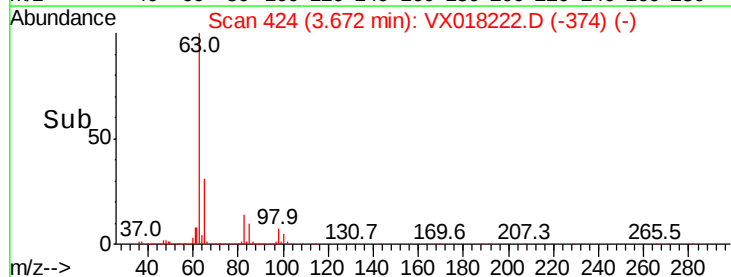
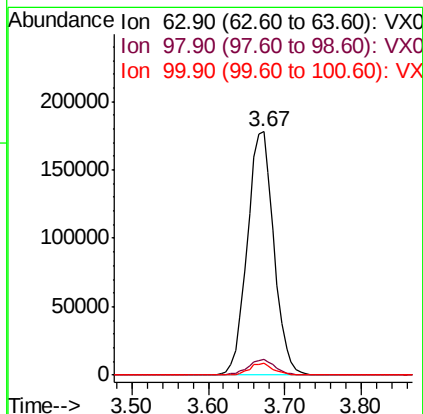
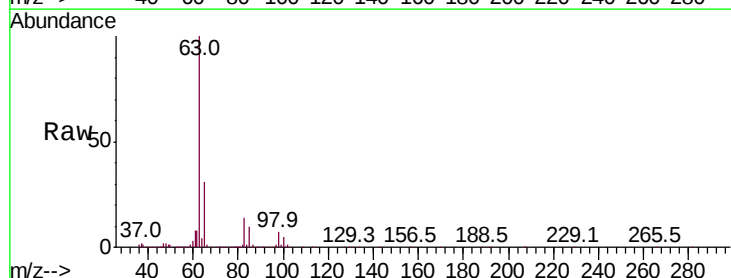
Tgt Ion: 63 Resp: 431609

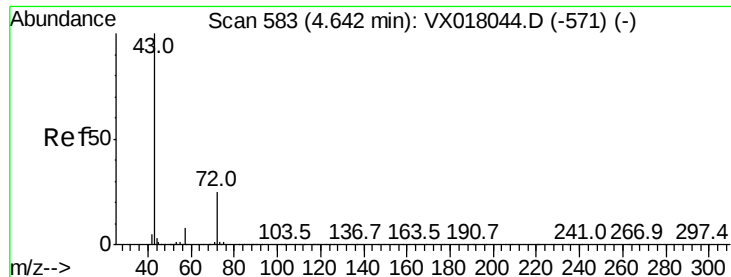
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.7 2.0 6.0





#25

2-Butanone

Concen: 207.460 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

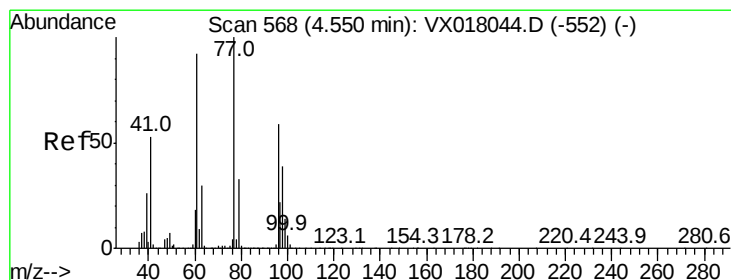
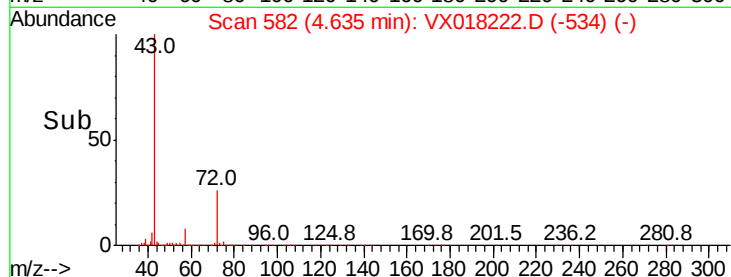
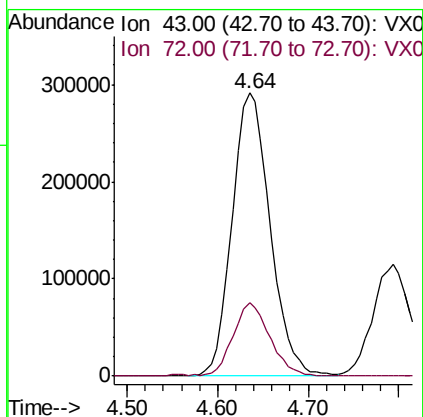
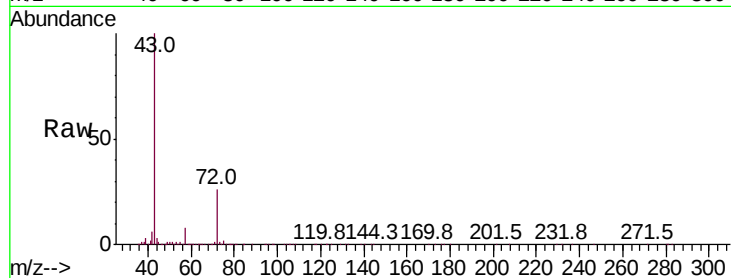
VSTDCCC050

Tot Ion: 43 Resp: 844309

Ion Ratio Lower Upper

43 100

72 25.7 19.8 29.6



#26

2,2-Dichloropropane

Concen: 55.884 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018222.D

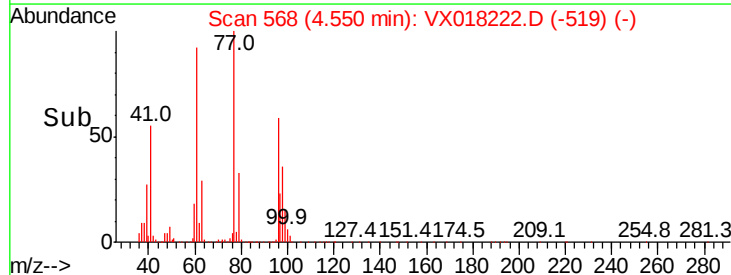
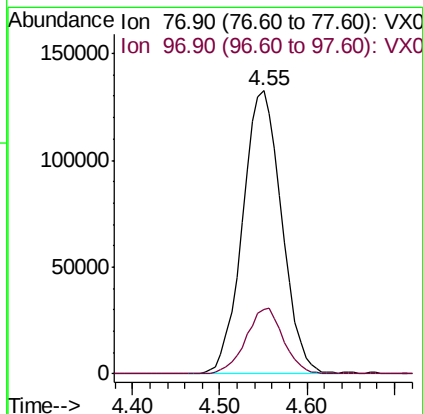
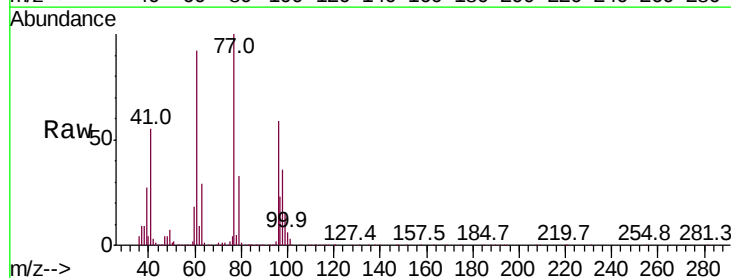
Acq: 03 Sep 2020 09:23

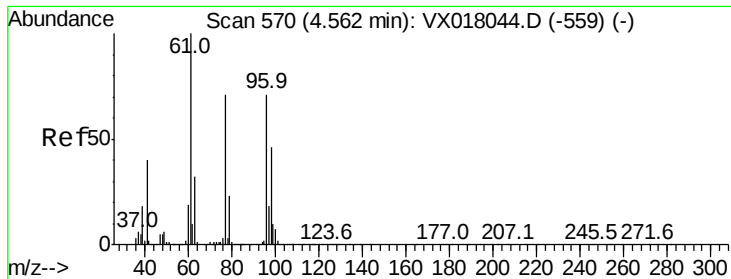
Tgt Ion: 77 Resp: 410597

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.5



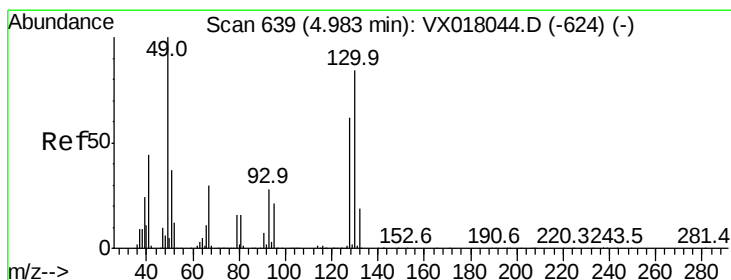
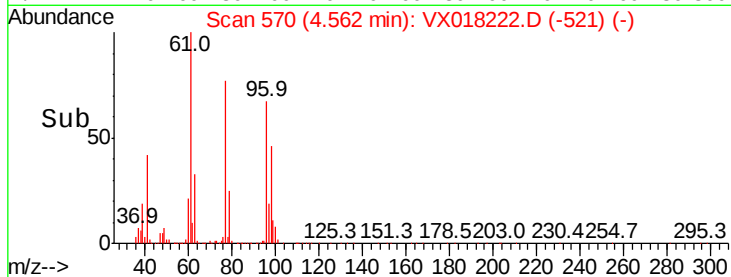
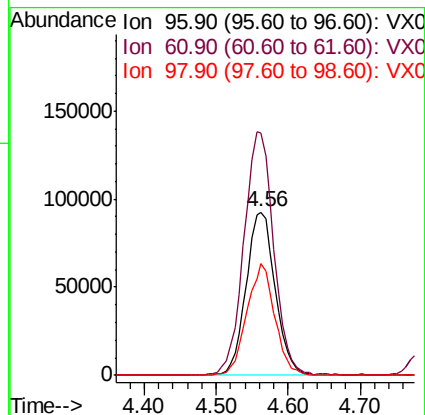
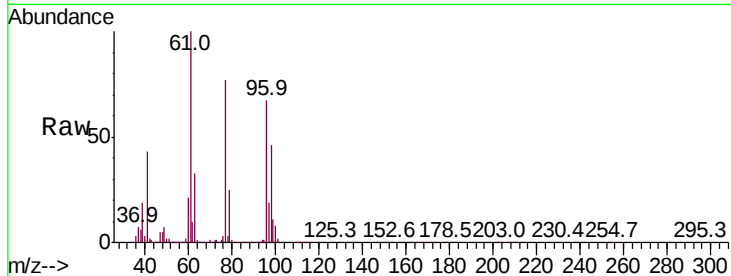


#27

cis-1,2-Dichloroethene
Concen: 45.624 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

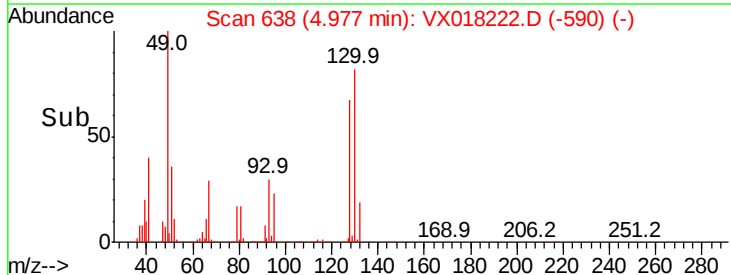
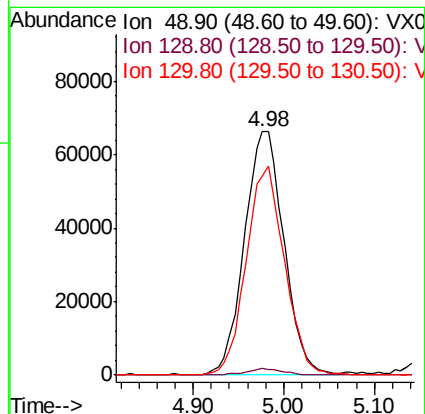
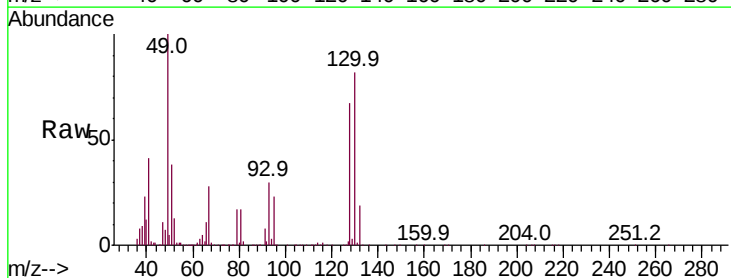
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.0	0.0	296.6
98	65.4	0.0	130.2

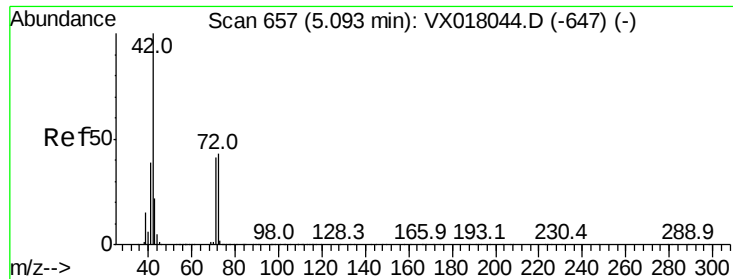


#28

Bromochloromethane
Concen: 45.932 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	83.1	64.6	96.8





#29

Tetrahydrofuran

Concen: 207.043 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

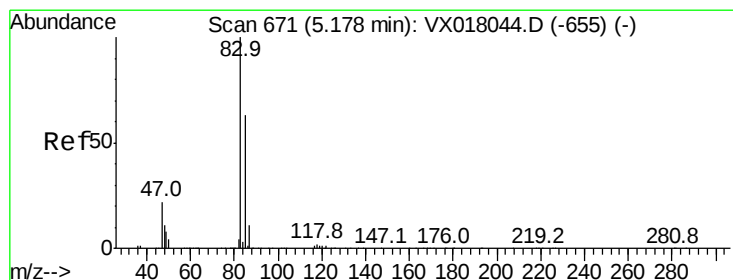
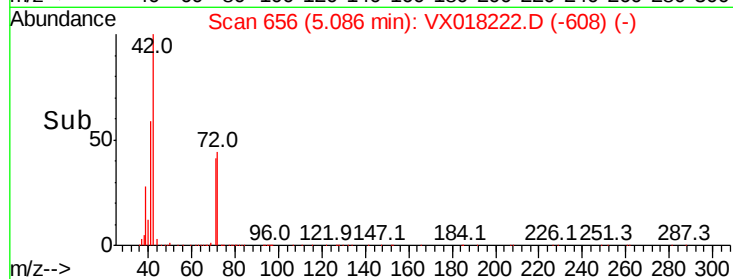
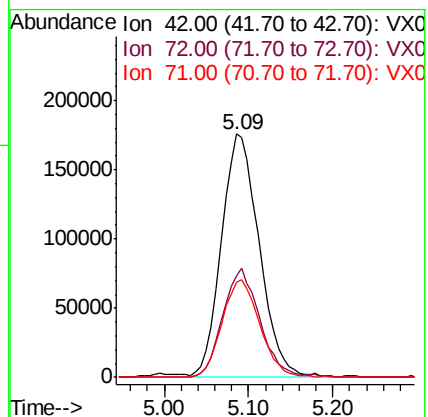
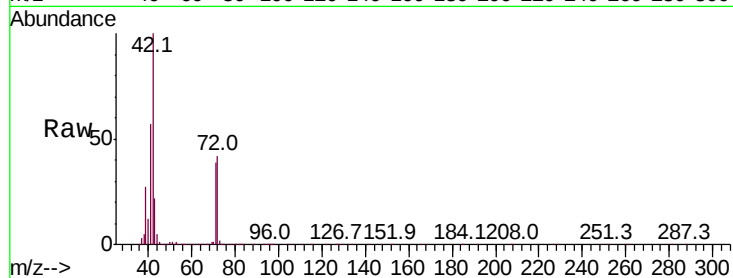
Tot Ion: 42 Resp: 536392

Ion Ratio Lower Upper

42 100

72 44.4 34.2 51.4

71 40.5 32.1 48.1



#30

Chloroform

Concen: 49.276 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018222.D

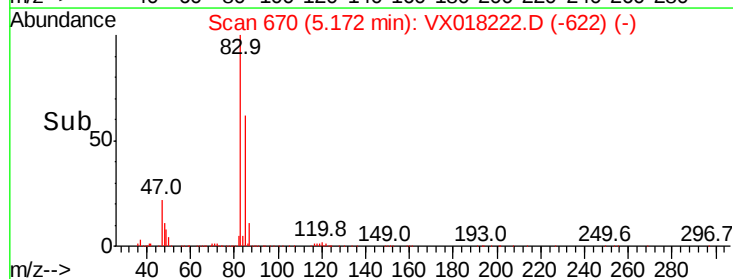
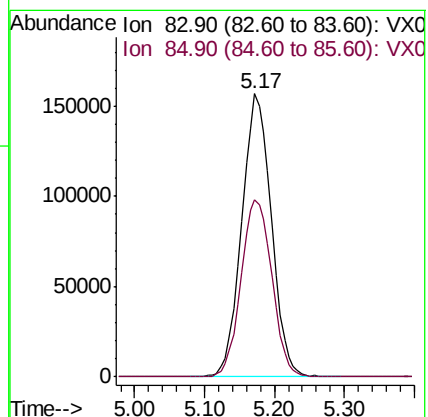
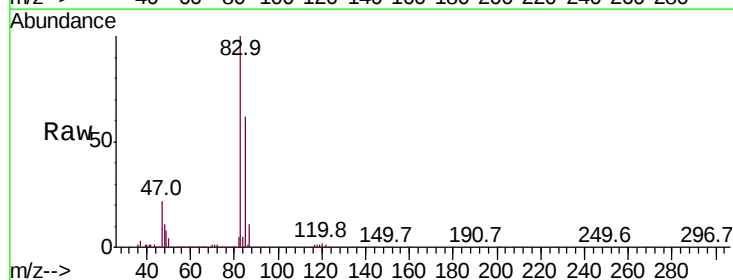
Acq: 03 Sep 2020 09:23

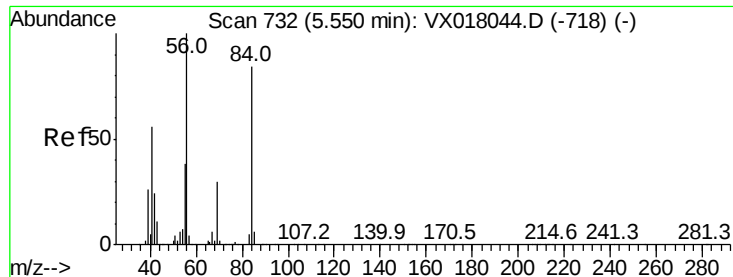
Tgt Ion: 83 Resp: 460747

Ion Ratio Lower Upper

83 100

85 62.5 50.7 76.1

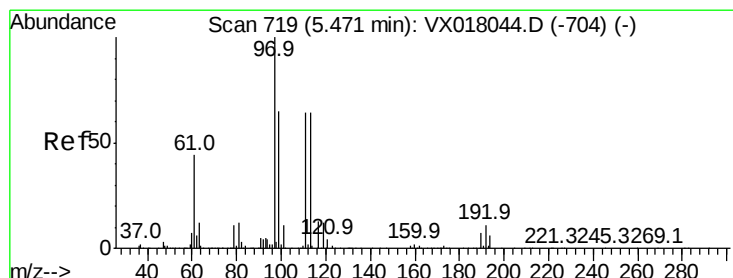
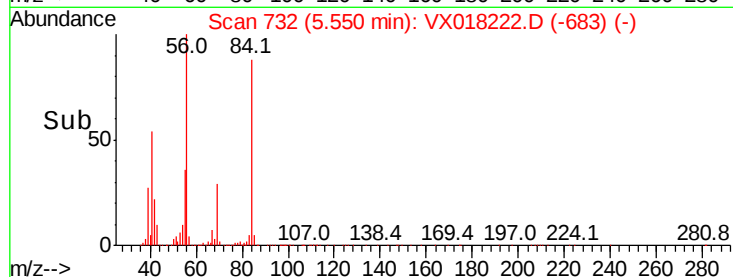
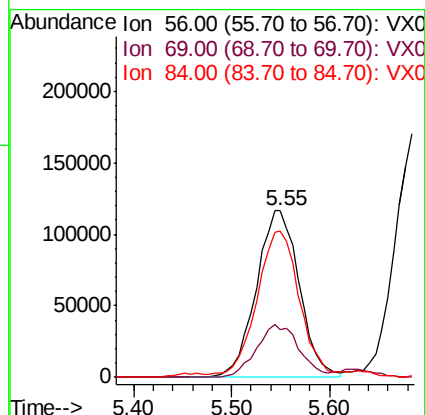
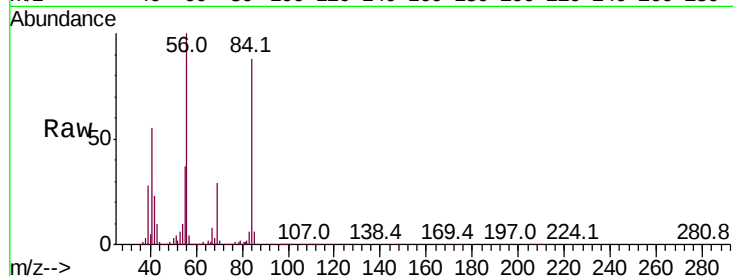




#31
Cyclohexane
Concen: 46.724 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

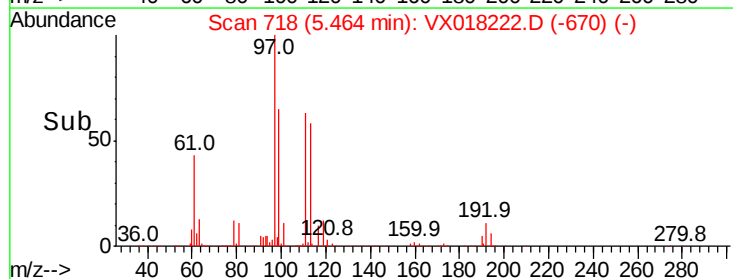
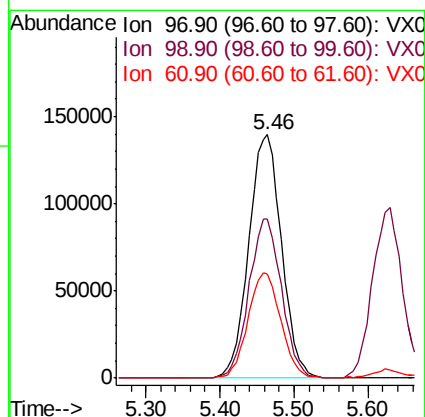
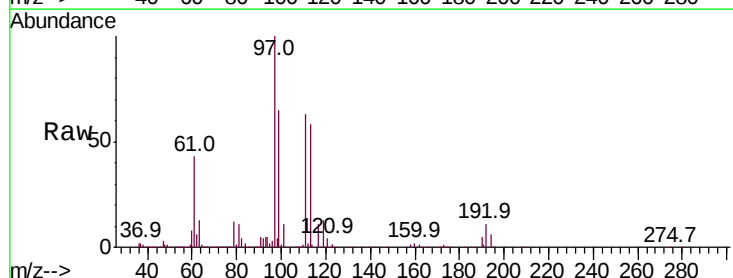
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

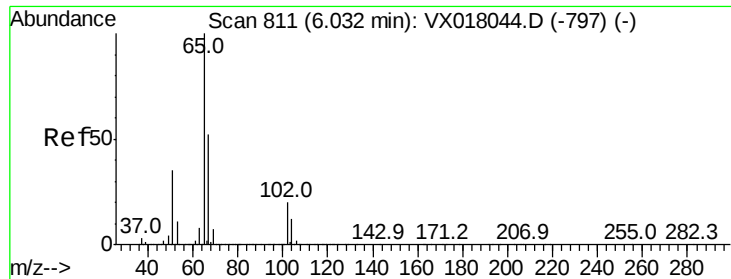
Tot Ion: 56 Resp: 355412
Ion Ratio Lower Upper
56 100
69 28.9 23.9 35.9
84 85.8 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 50.189 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion: 97 Resp: 430656
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.0
61 43.3 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 48.595 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

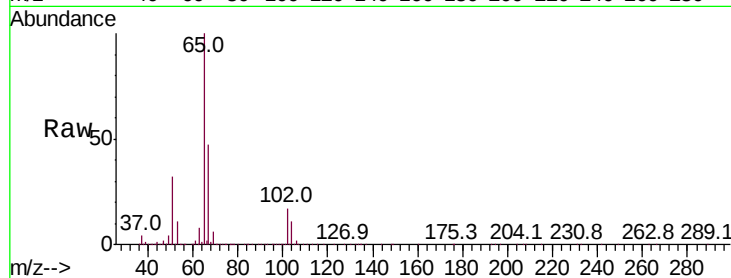
VSTDCCC050

Tot Ion: 65 Resp: 308828

Ion Ratio Lower Upper

65 100

67 50.6 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

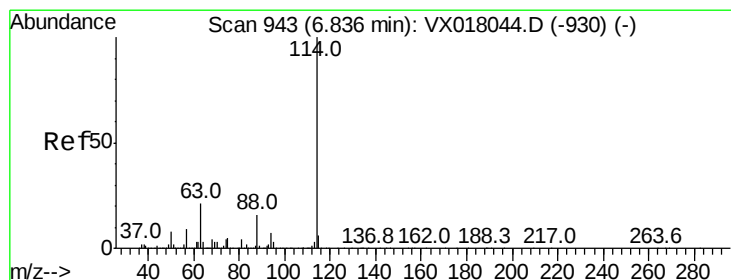
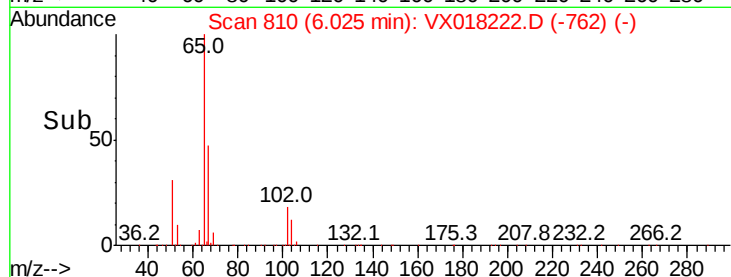
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

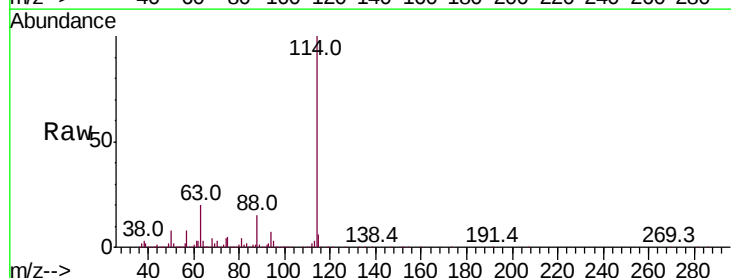
Tgt Ion: 114 Resp: 685655

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 14.6 0.0 31.8



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

400000

300000

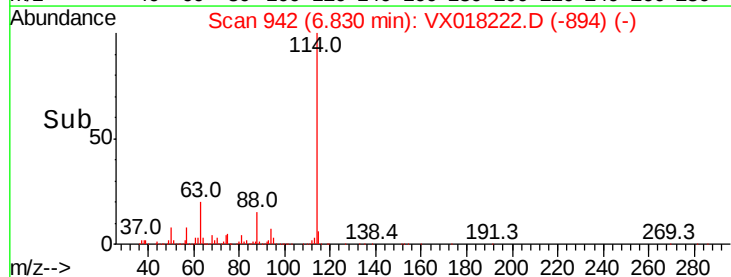
200000

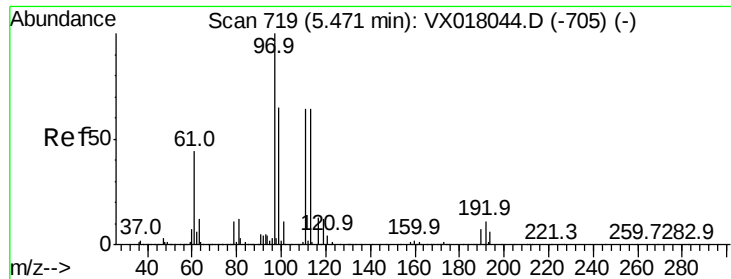
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 51.065 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

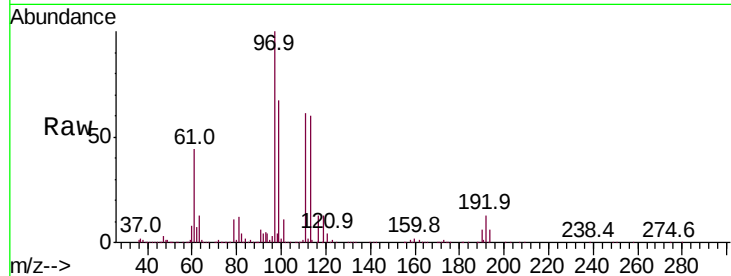
Tot Ion:113 Resp: 238457

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

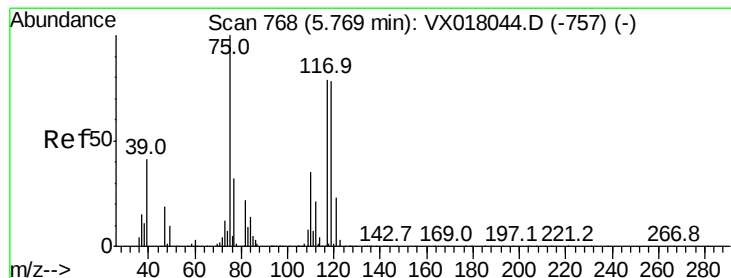
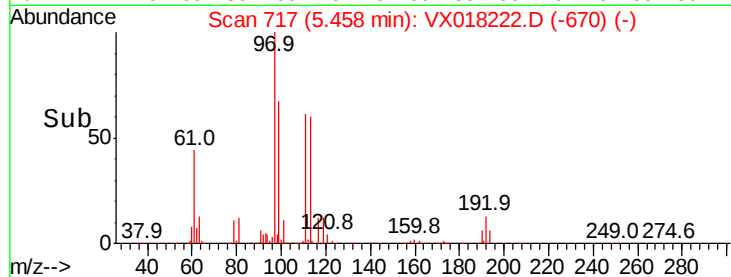
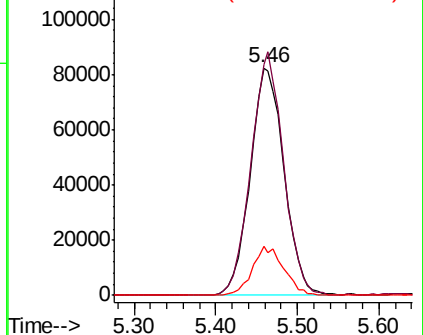
192 20.1 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.791 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

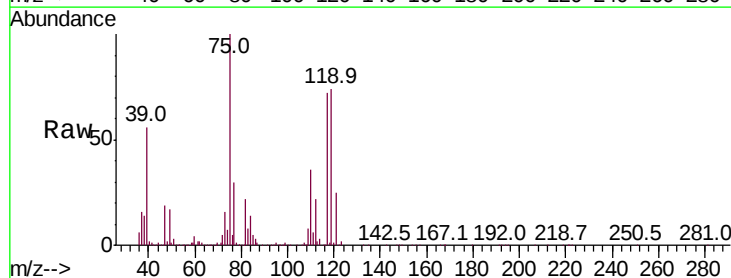
Tgt Ion: 75 Resp: 333856

Ion Ratio Lower Upper

75 100

110 36.4 18.0 54.0

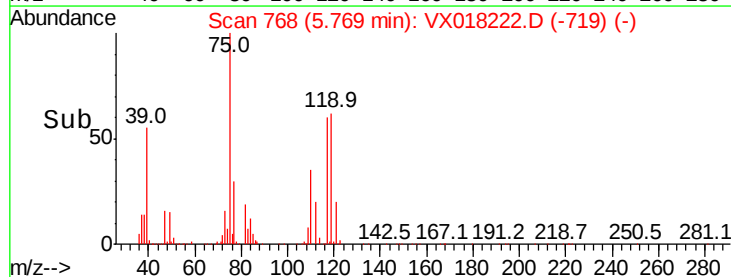
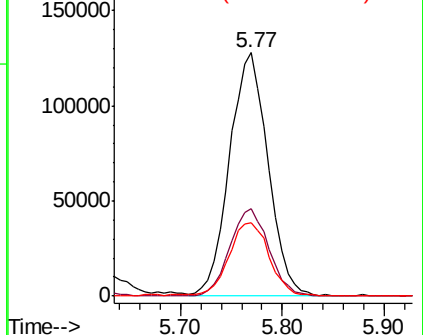
77 31.4 24.4 36.6

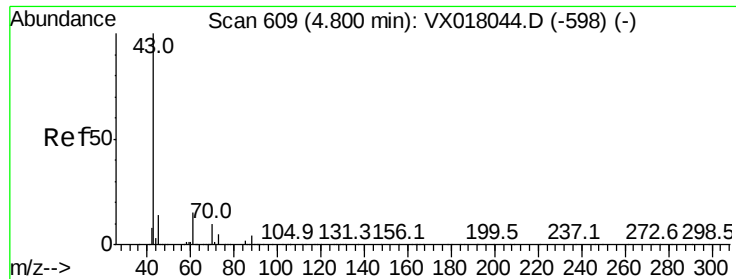


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 45.267 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.01 min

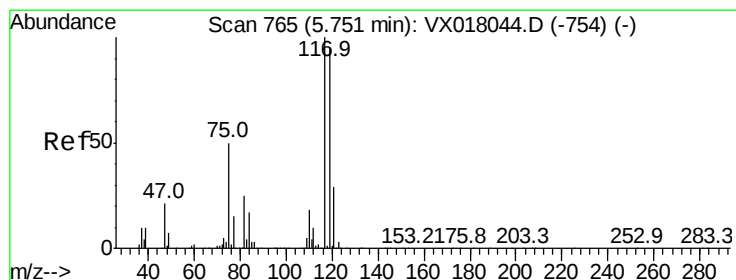
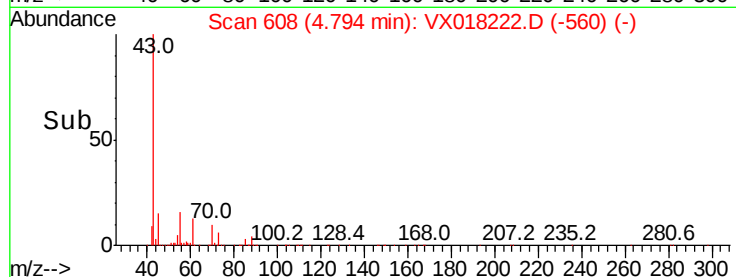
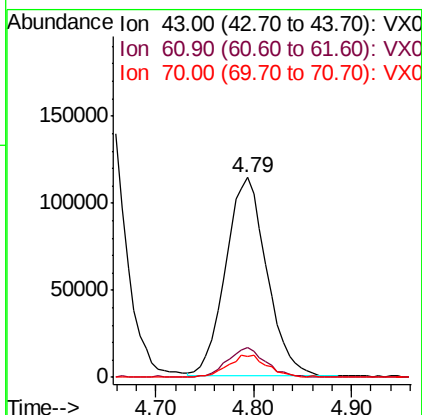
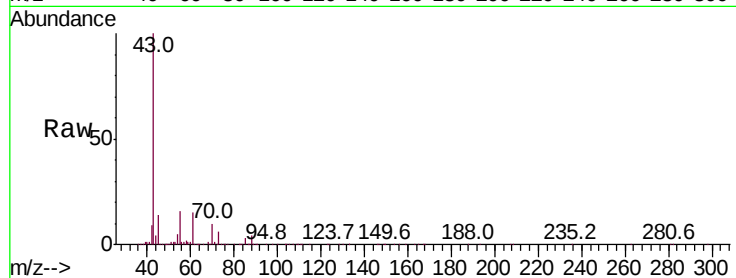
Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 332490

Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.3	16.9
70	10.8	8.2	12.4



#38

Carbon Tetrachloride

Concen: 56.325 ug/l

RT: 5.75 min Scan# 765

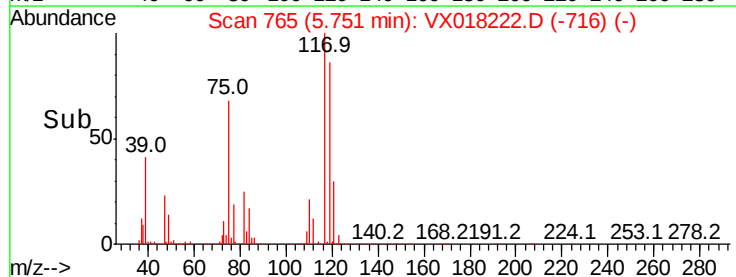
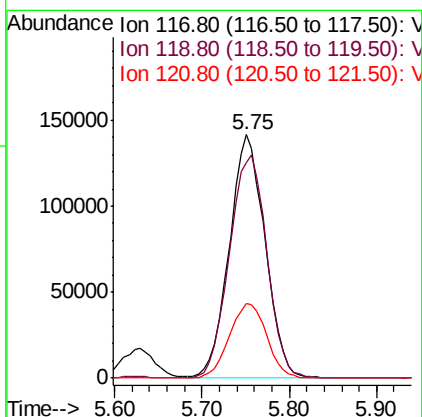
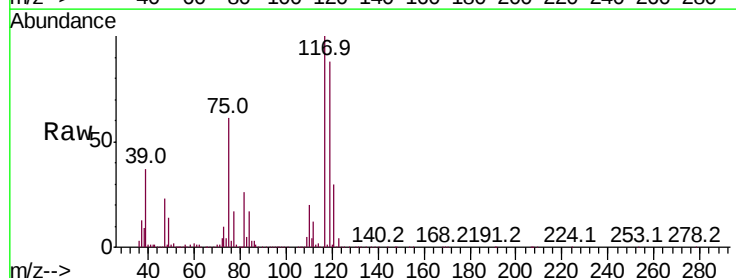
Delta R.T. -0.00 min

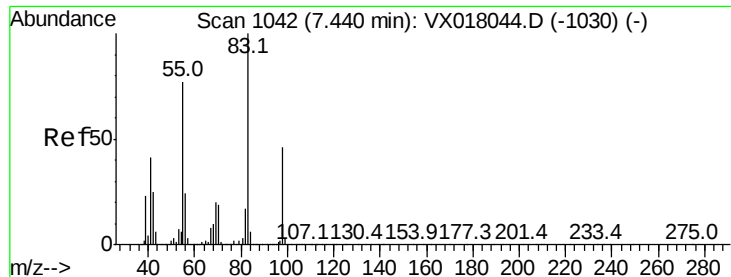
Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tgt Ion: 117 Resp: 401428

Ion	Ratio	Lower	Upper
117	100		
119	88.5	75.8	113.6
121	30.5	23.4	35.0

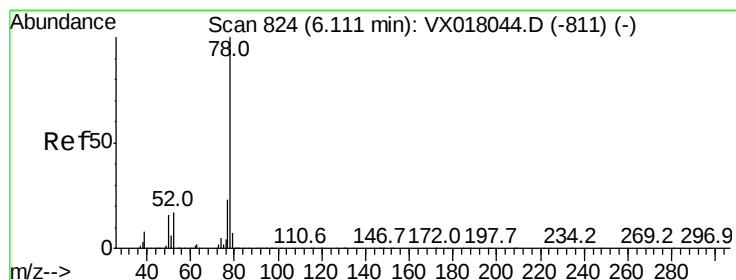
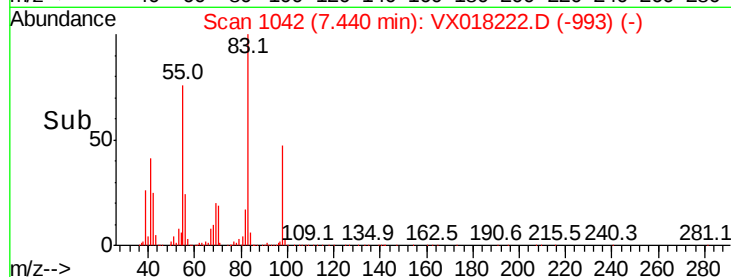
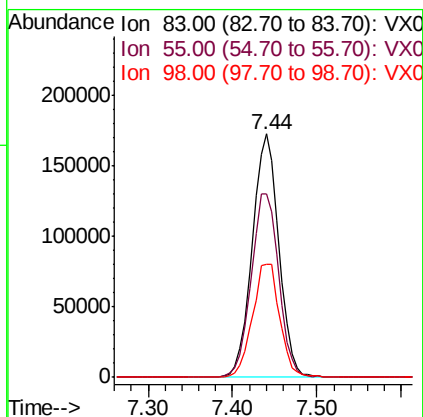
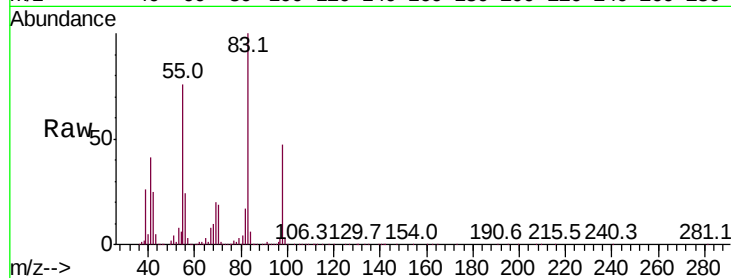




#39
Methvlcvclohexane
Concen: 53.325 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

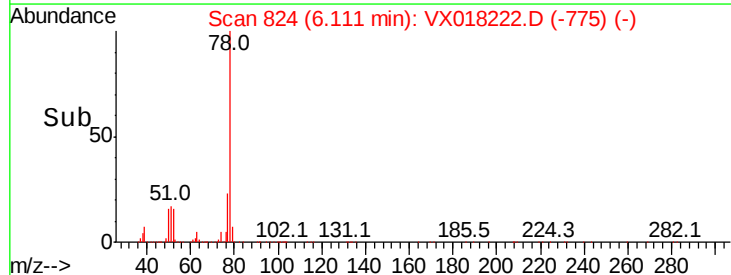
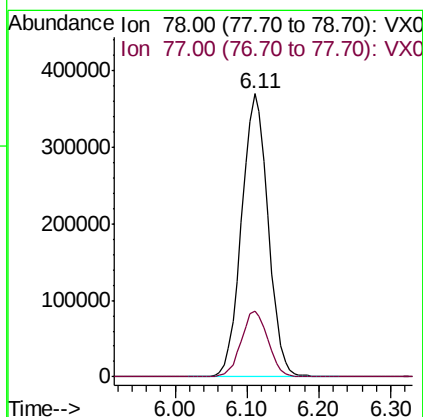
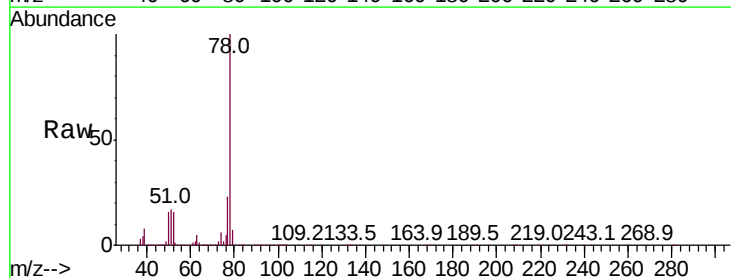
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

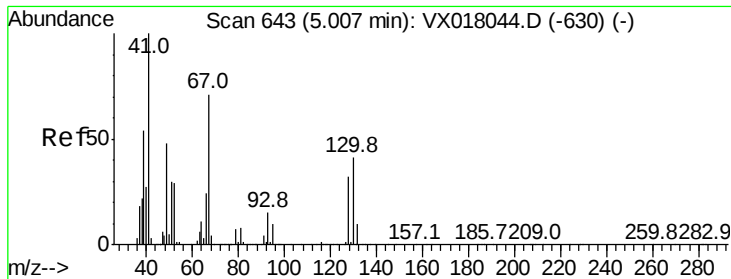
Tot Ion: 83 Resp: 368754
Ion Ratio Lower Upper
83 100
55 75.5 61.8 92.6
98 46.6 36.6 55.0



#40
Benzene
Concen: 50.813 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion: 78 Resp: 944251
Ion Ratio Lower Upper
78 100
77 23.1 18.2 27.2





#41

Methacrylonitrile

Concen: 46.219 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 186399

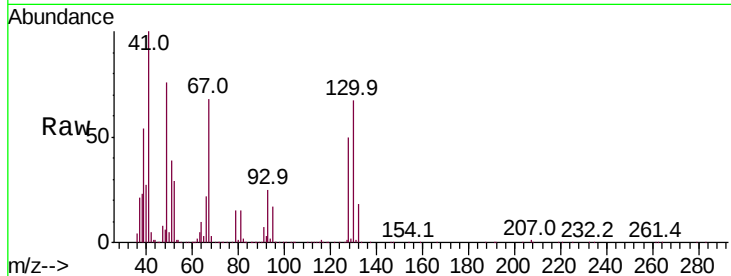
Ion Ratio Lower Upper

41 100

39 55.2 43.1 64.7

67 70.3 56.0 84.0

52 29.9 22.7 34.1



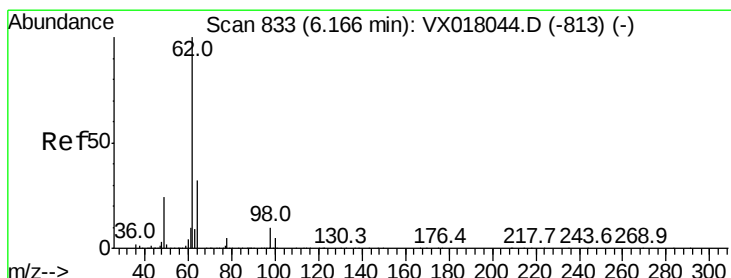
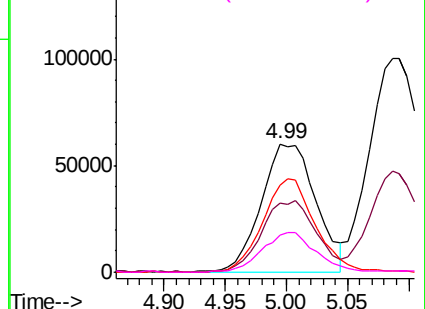
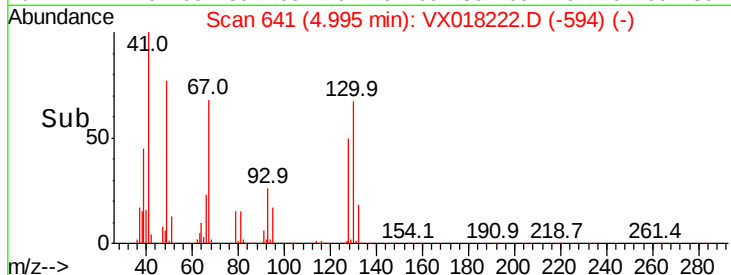
Abundance

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: 54.066 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018222.D

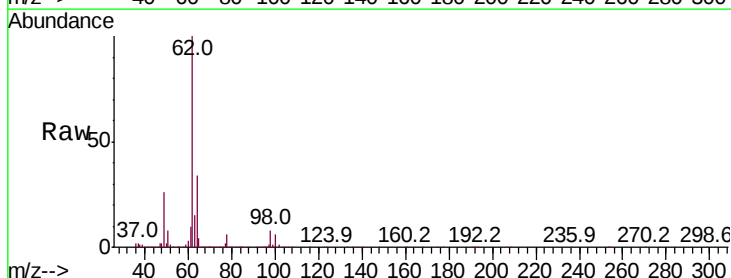
Acq: 03 Sep 2020 09:23

Tgt Ion: 62 Resp: 384936

Ion Ratio Lower Upper

62 100

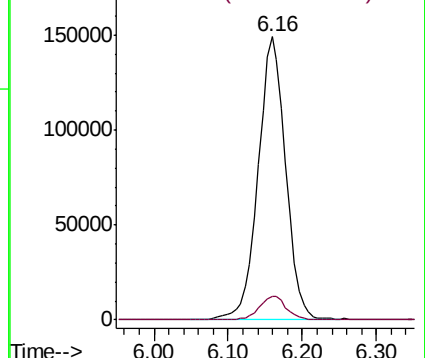
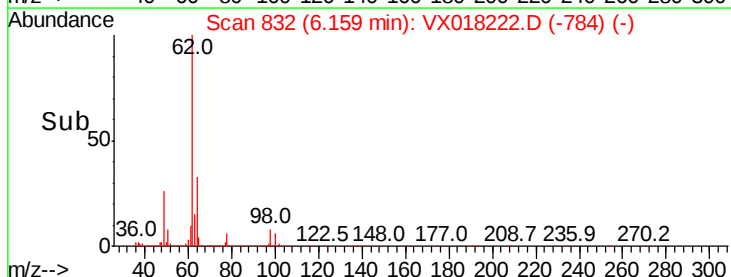
98 8.2 0.0 18.2

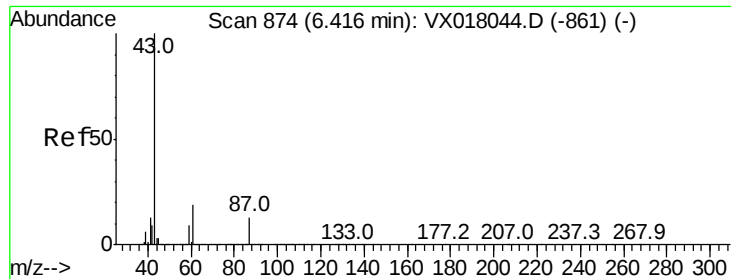


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.029 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

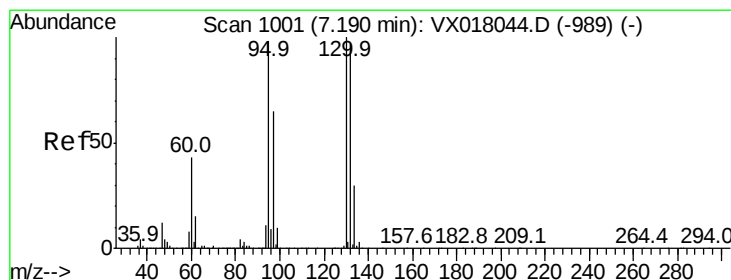
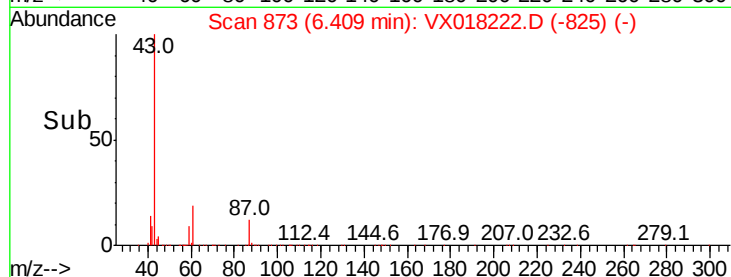
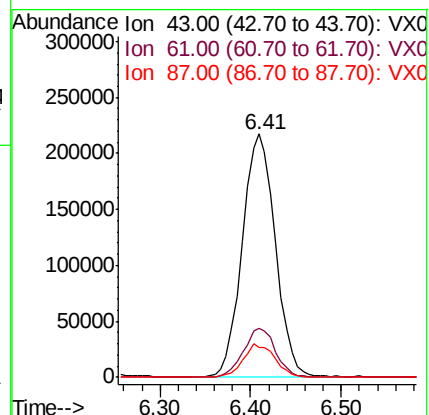
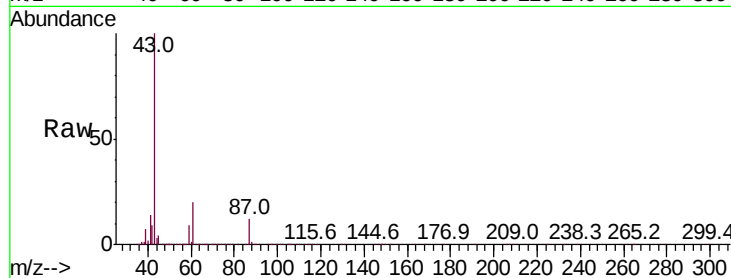
Tot Ion: 43 Resp: 546065

Ion Ratio Lower Upper

43 100

61 19.8 15.7 23.5

87 13.2 10.3 15.5



#44

Trichloroethene

Concen: 52.378 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018222.D

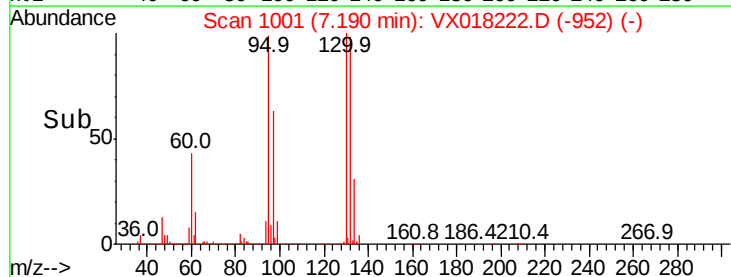
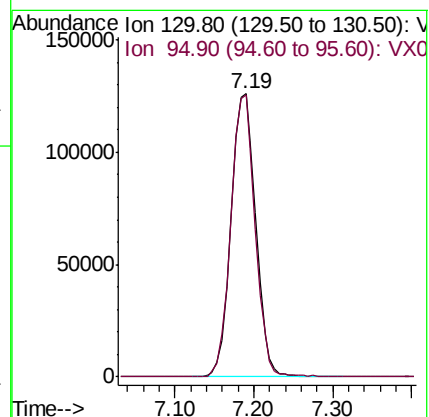
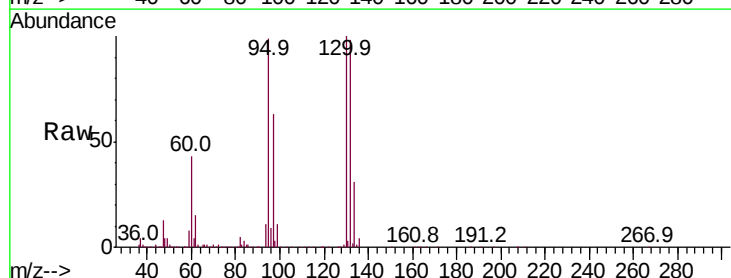
Acq: 03 Sep 2020 09:23

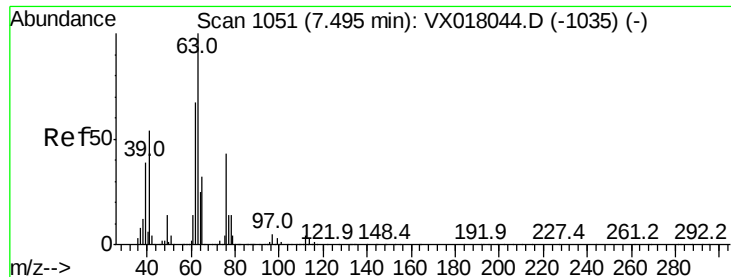
Tgt Ion: 130 Resp: 275023

Ion Ratio Lower Upper

130 100

95 99.5 0.0 196.4





#45

1,2-Dichloropropane

Concen: 51.111 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

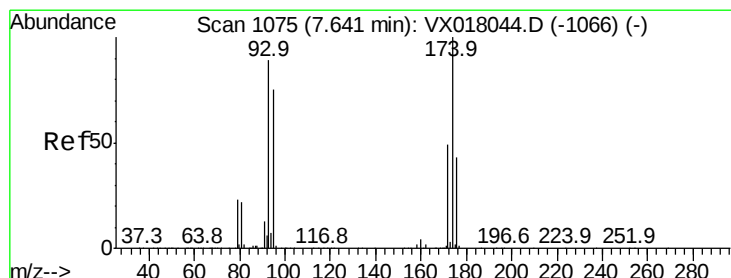
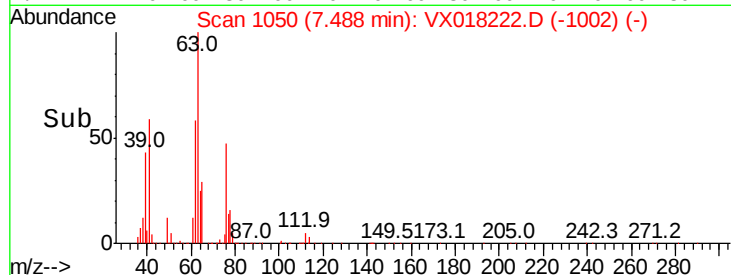
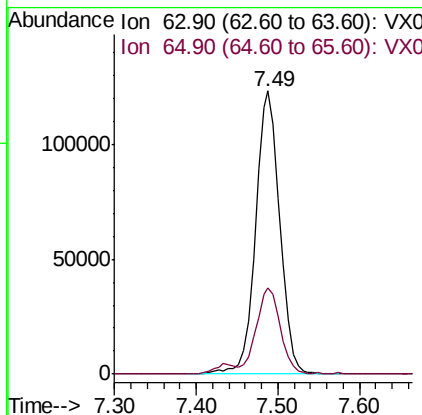
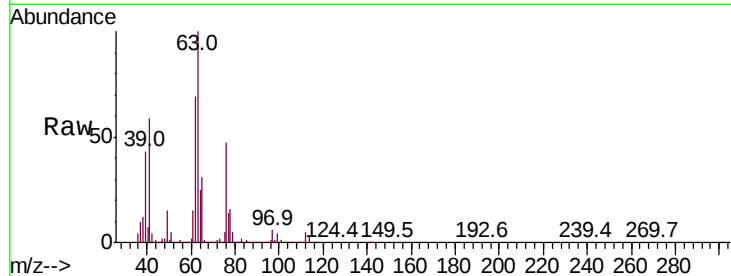
VSTDCCC050

Tot Ion: 63 Resp: 255982

Ion Ratio Lower Upper

63 100

65 30.5 25.7 38.5



#46

Dibromomethane

Concen: 51.051 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

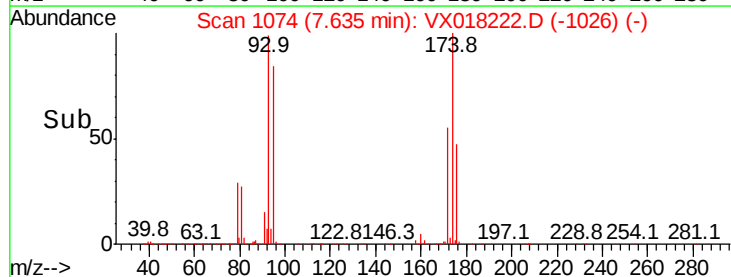
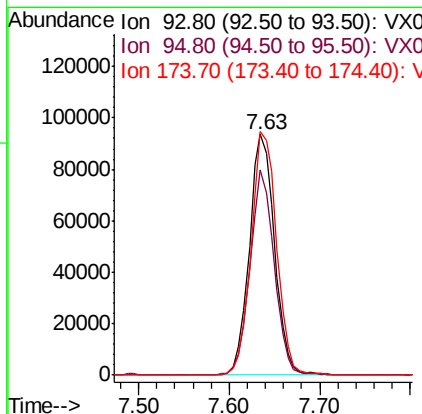
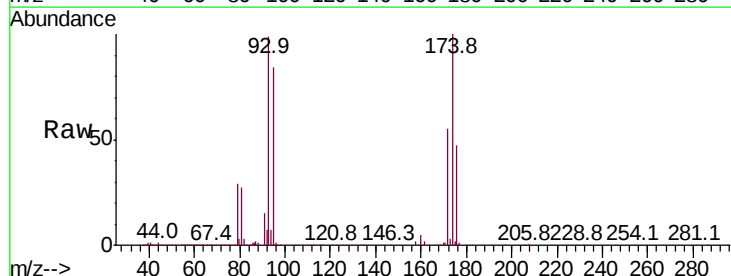
Tgt Ion: 93 Resp: 179798

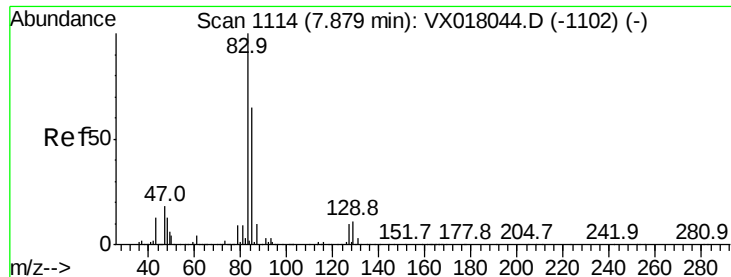
Ion Ratio Lower Upper

93 100

95 82.2 67.3 100.9

174 101.9 82.2 123.2





#47

Bromodichloromethane

Concen: 53.948 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

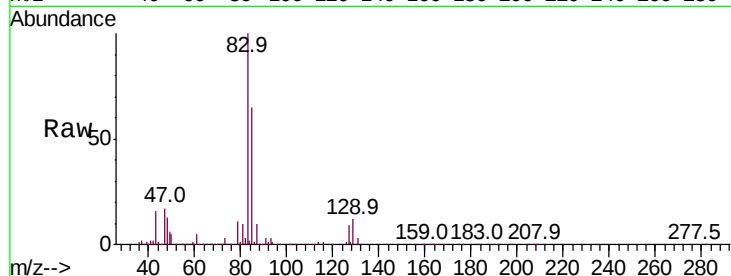
Tot Ion: 83 Resp: 379378

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.6

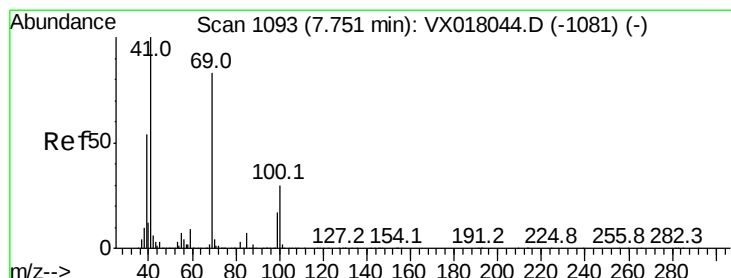
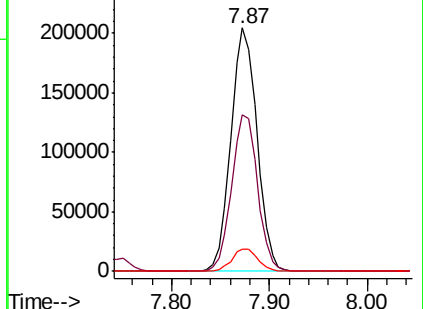
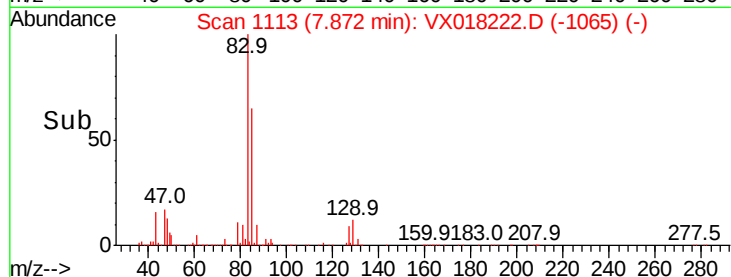
127 9.3 7.7 11.5



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: 46.661 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

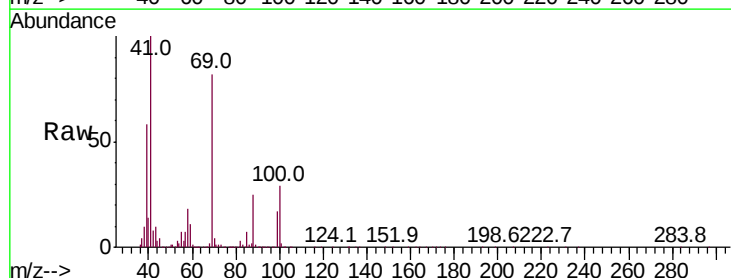
Tgt Ion: 41 Resp: 275573

Ion Ratio Lower Upper

41 100

69 80.4 65.5 98.3

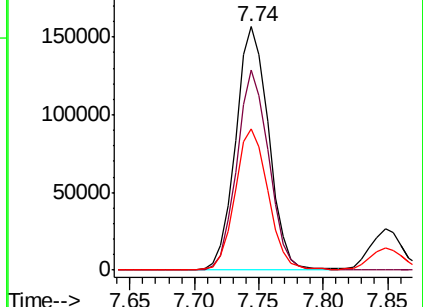
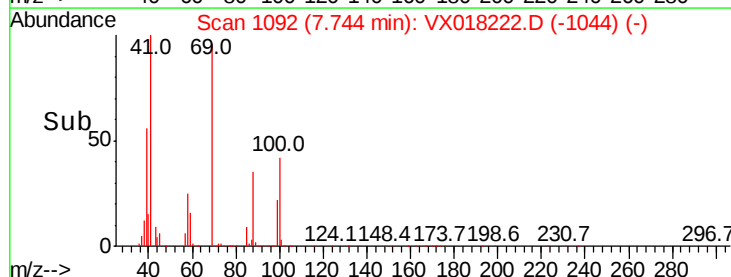
39 58.1 44.5 66.7

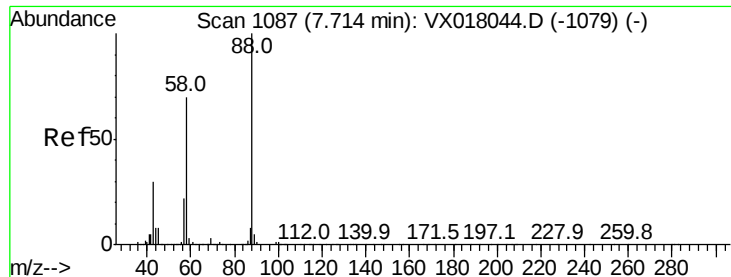


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 887.352 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.03 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

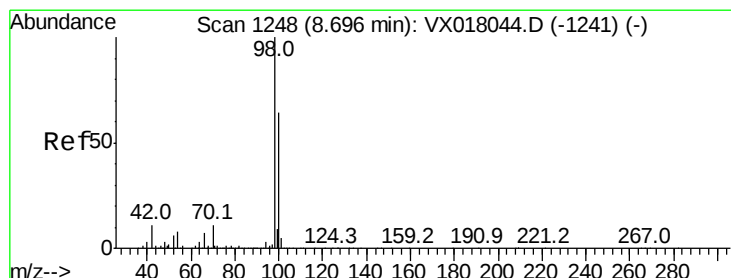
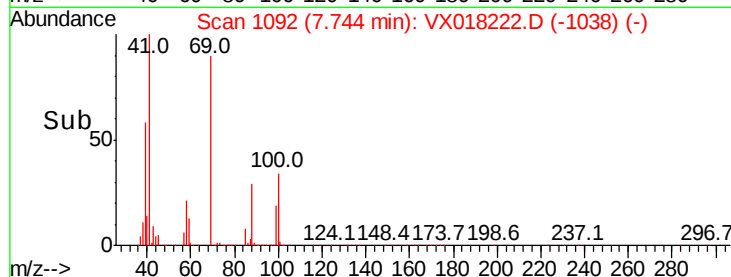
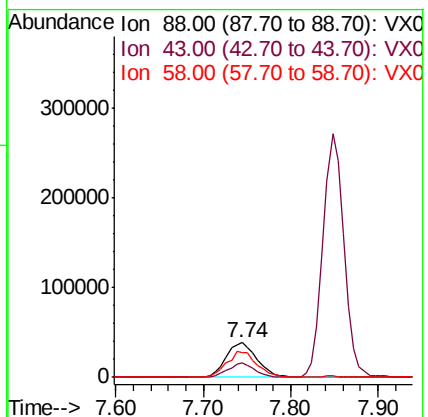
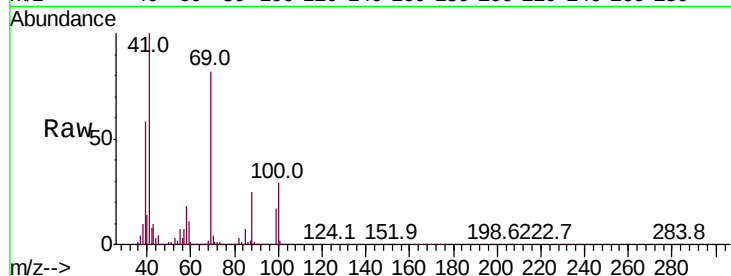
Tot Ion: 88 Resp: 94928

Ion Ratio Lower Upper

88 100

43 36.1 27.4 41.0

58 71.9 56.4 84.6



#50

Toluene-d8

Concen: 49.044 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018222.D

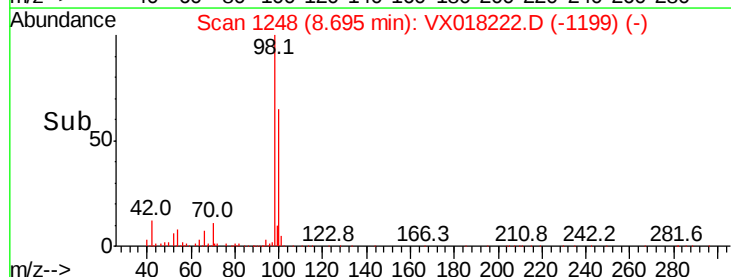
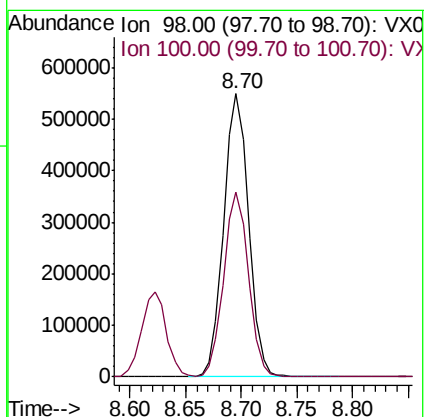
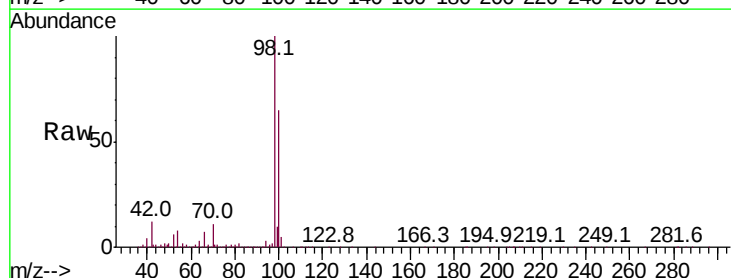
Acq: 03 Sep 2020 09:23

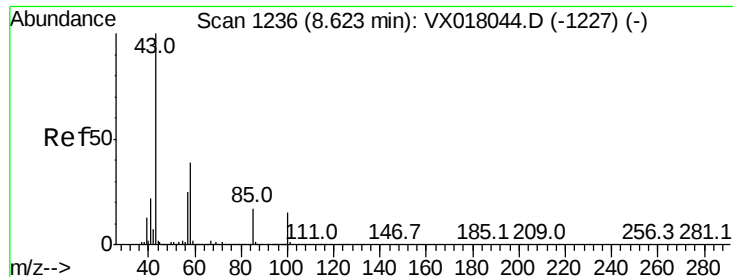
Tgt Ion: 98 Resp: 852986

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 233.303 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

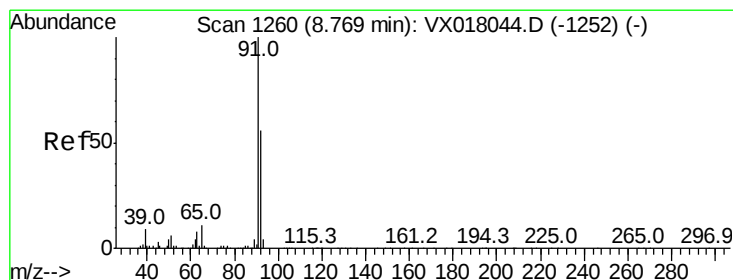
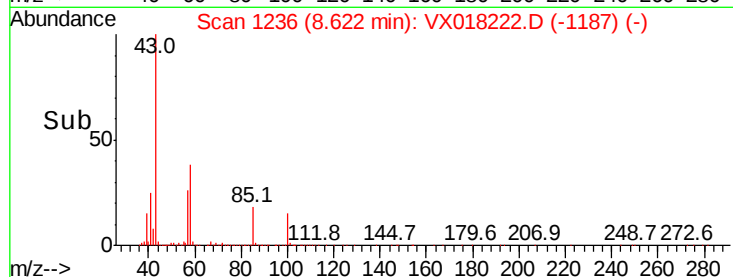
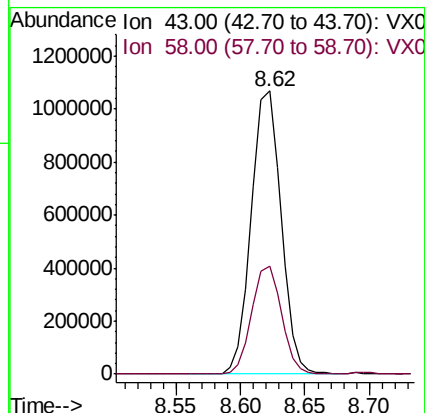
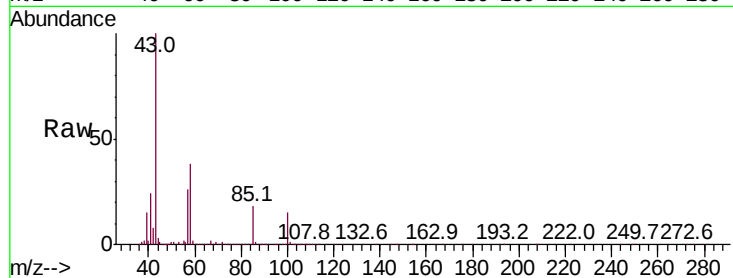
VSTDCCC050

Tot Ion: 43 Resp: 1709712

Ion Ratio Lower Upper

43 100

58 38.3 30.7 46.1



#52

Toluene

Concen: 51.364 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018222.D

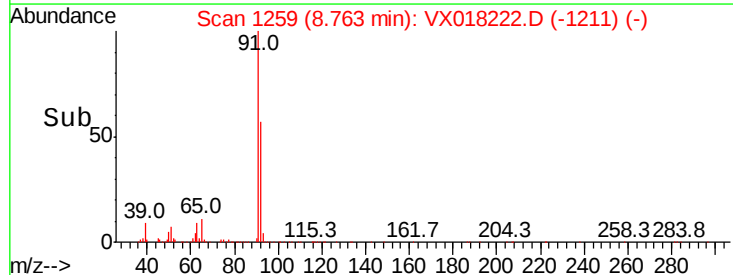
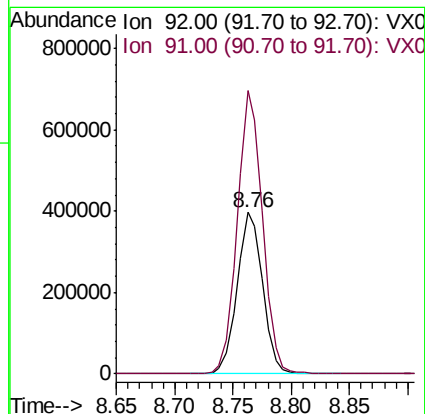
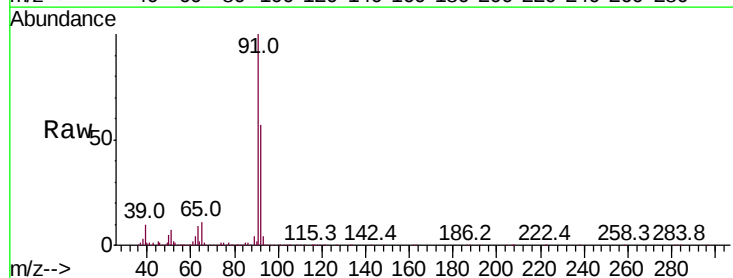
Acq: 03 Sep 2020 09:23

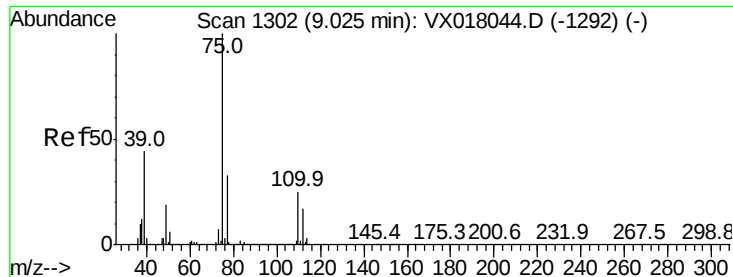
Tgt Ion: 92 Resp: 605236

Ion Ratio Lower Upper

92 100

91 173.5 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 52.975 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

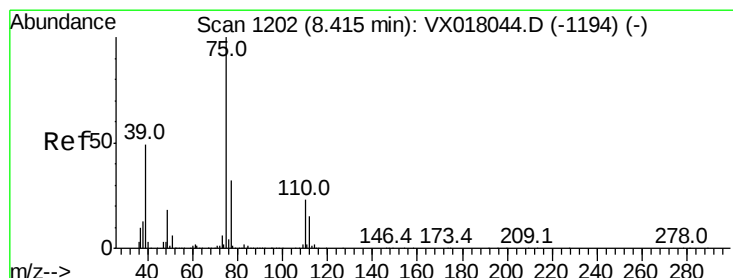
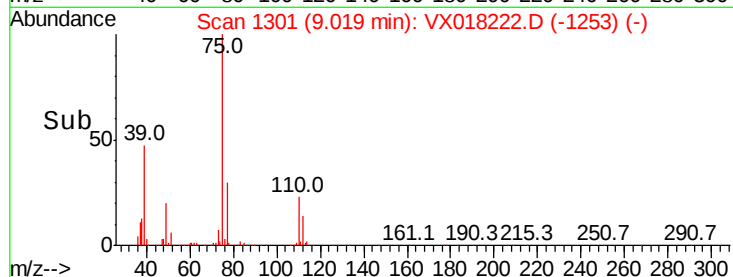
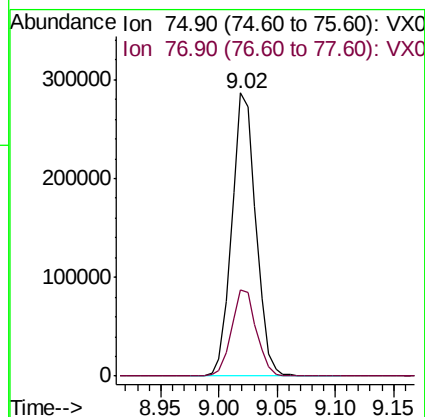
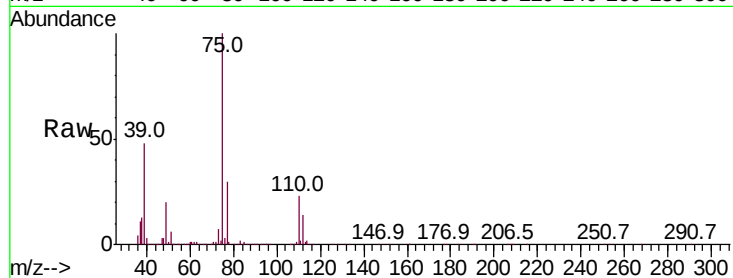
VSTDCCC050

Tot Ion: 75 Resp: 412881

Ion Ratio Lower Upper

75 100

77 30.4 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 51.510 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

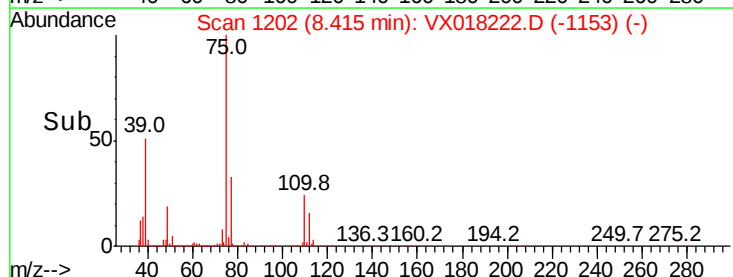
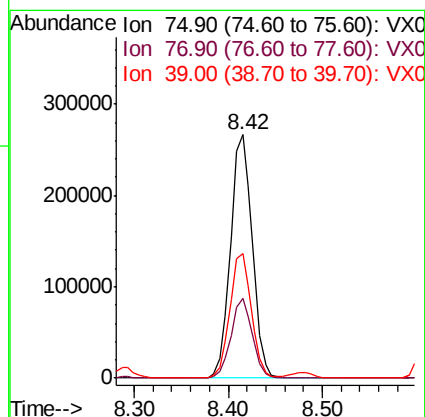
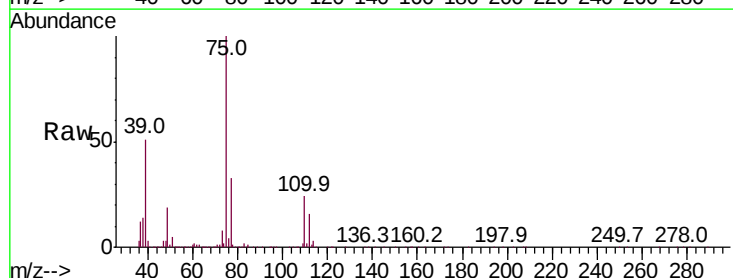
Tgt Ion: 75 Resp: 425284

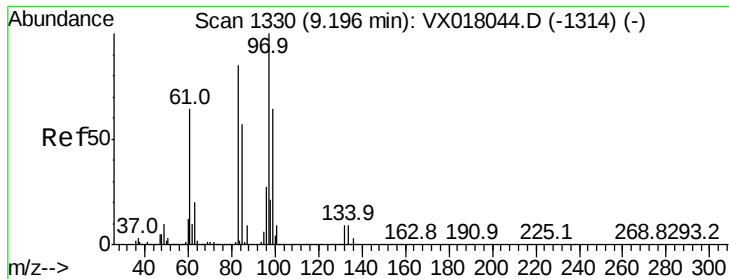
Ion Ratio Lower Upper

75 100

77 32.8 25.8 38.8

39 51.3 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 50.437 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 253469

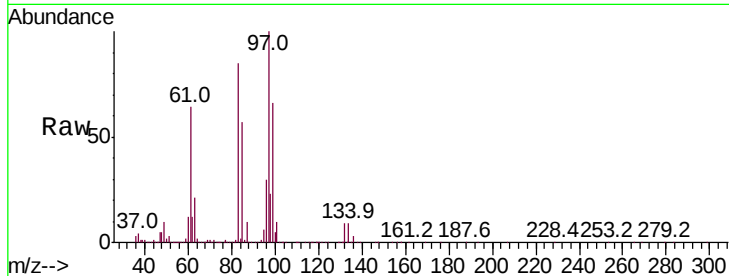
Ion Ratio Lower Upper

97 100

83 85.1 67.8 101.6

85 56.5 45.3 67.9

99 65.9 50.9 76.3

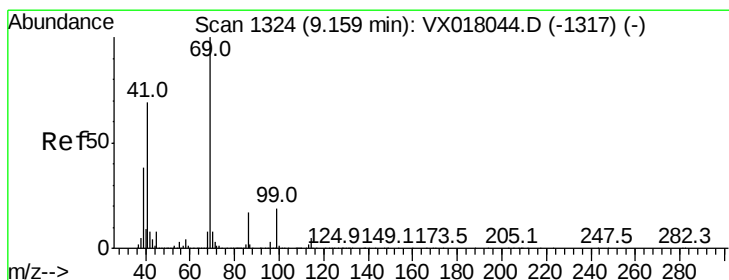
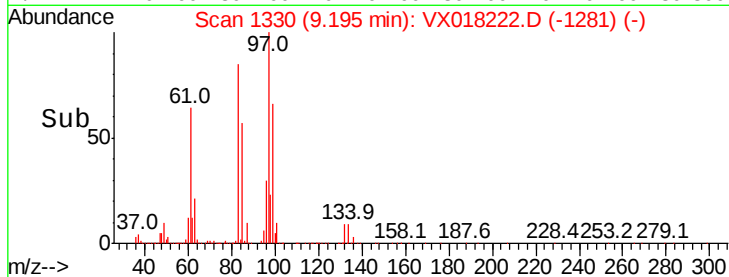
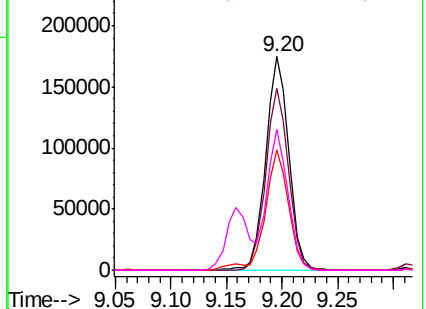


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 48.032 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

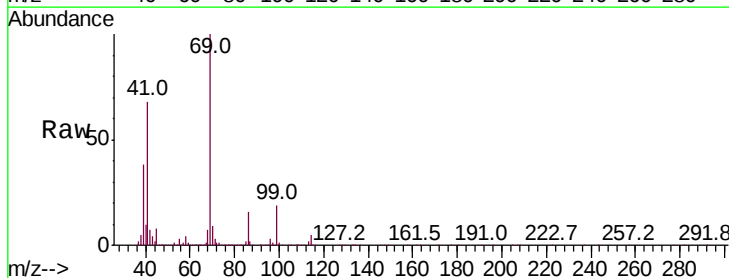
Tgt Ion: 69 Resp: 358845

Ion Ratio Lower Upper

69 100

41 69.1 54.6 81.8

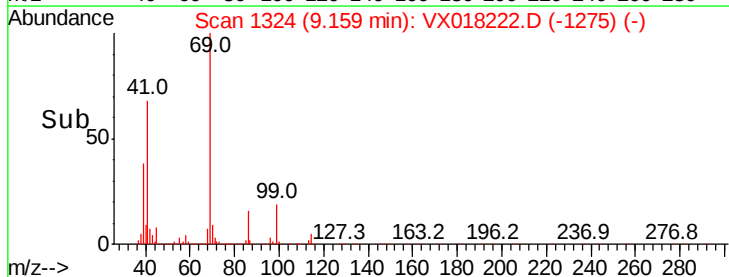
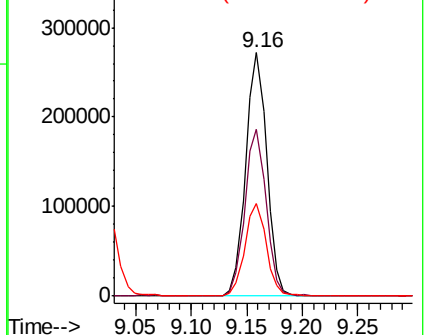
39 38.7 29.1 43.7

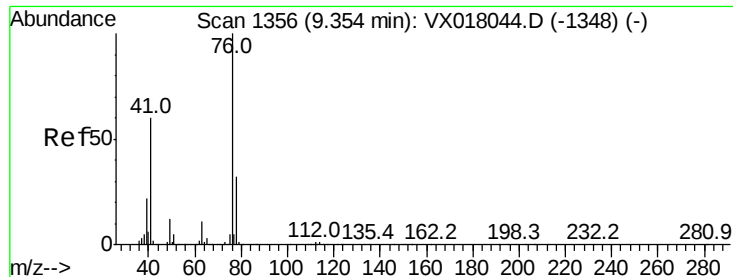


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.791 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

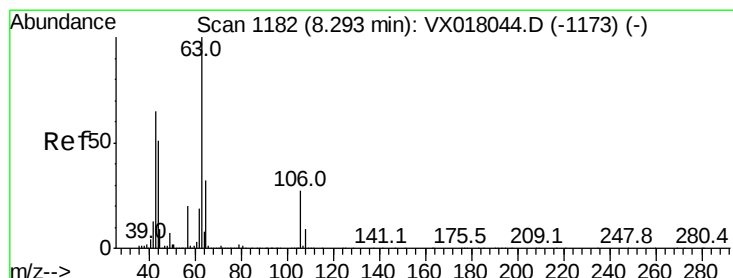
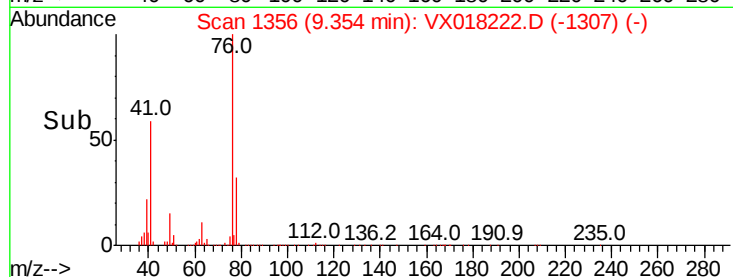
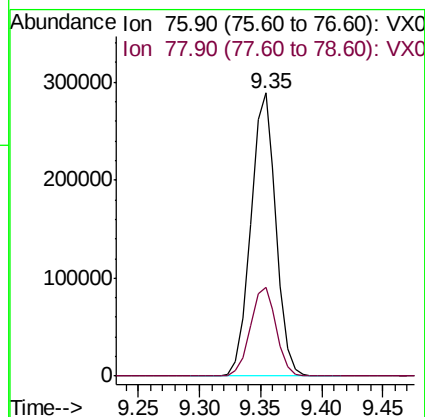
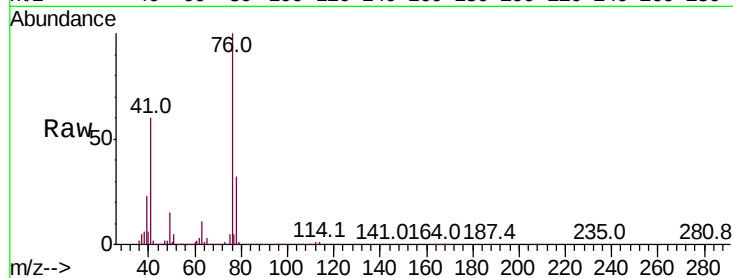
VSTDCCC050

Tot Ion: 76 Resp: 412704

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 221.524 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018222.D

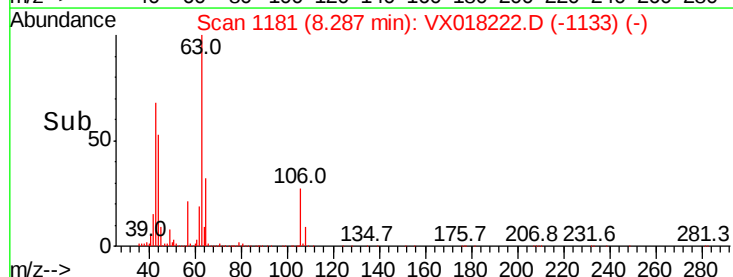
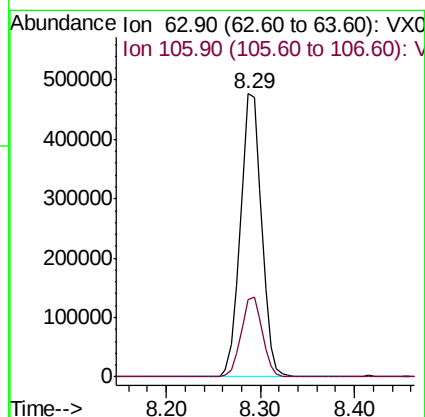
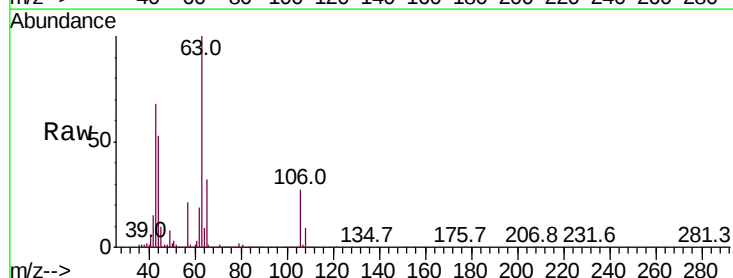
Acq: 03 Sep 2020 09:23

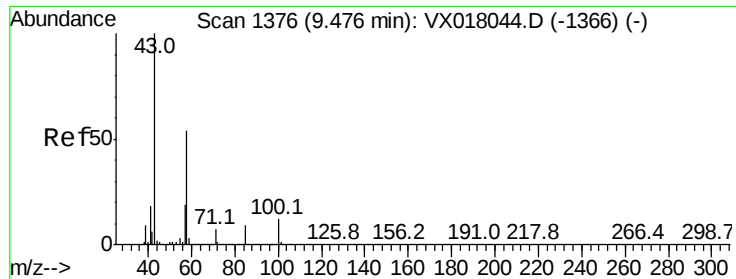
Tgt Ion: 63 Resp: 744489

Ion Ratio Lower Upper

63 100

106 28.6 22.1 33.1

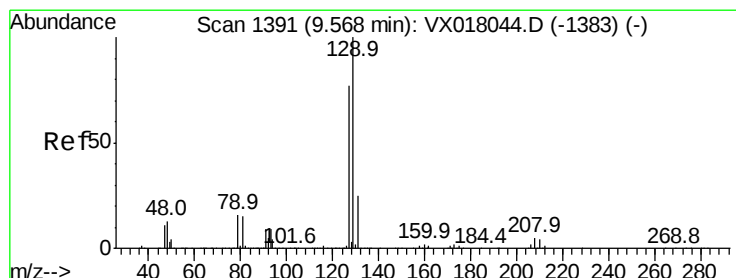
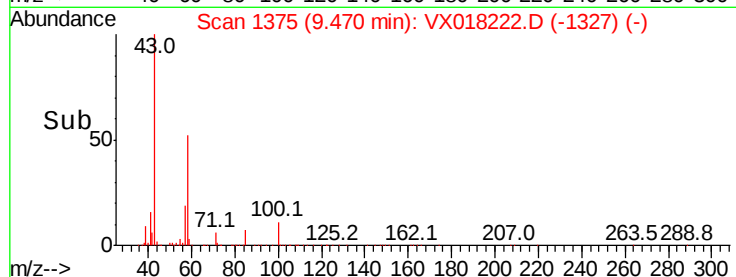
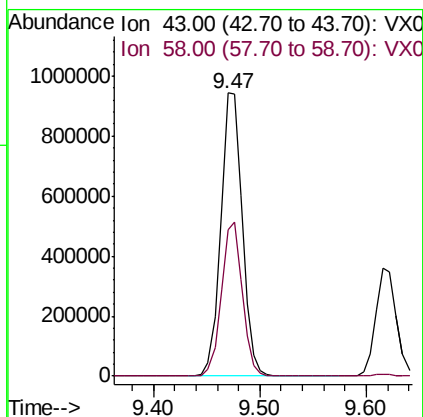
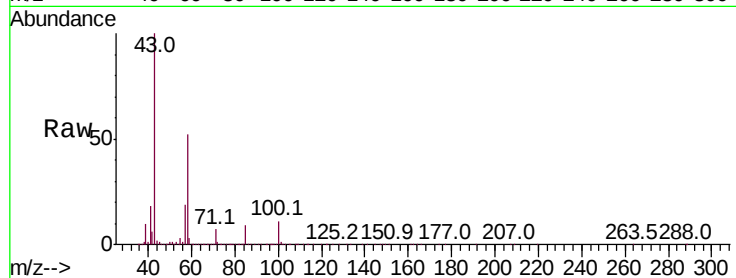




#59
2-Hexanone
Concen: 239.363 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

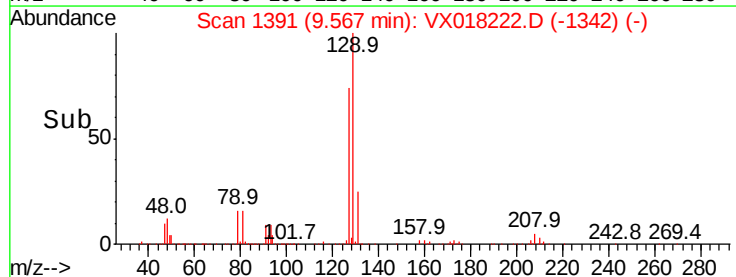
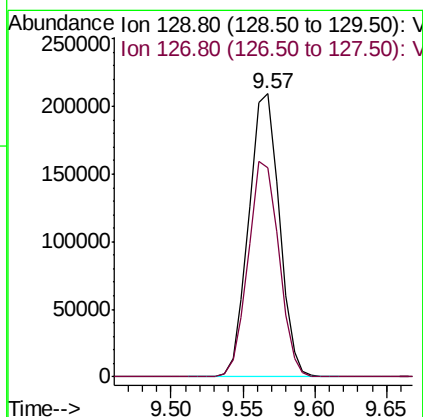
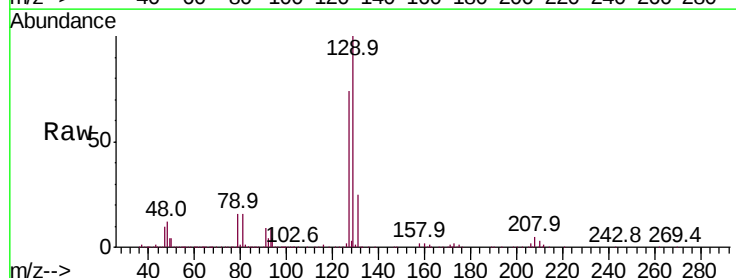
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

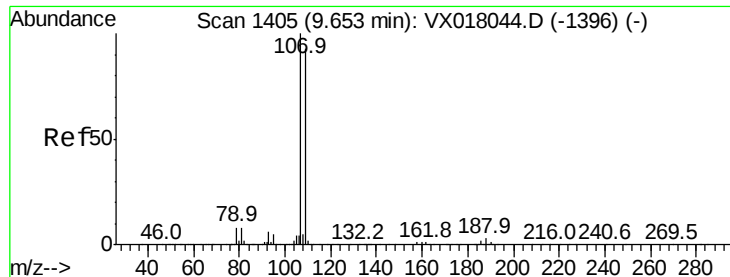
Tot Ion: 43 Resp: 1333812
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.7



#60
Dibromochloromethane
Concen: 52.152 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion: 129 Resp: 307451
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.172 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

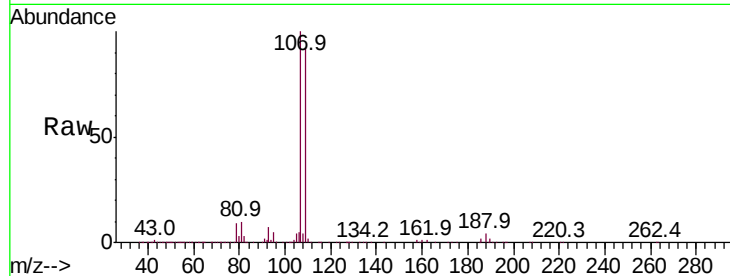
VSTDCCC050

Tot Ion:107 Resp: 268284

Ion Ratio Lower Upper

107 100

109 95.1 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

200000

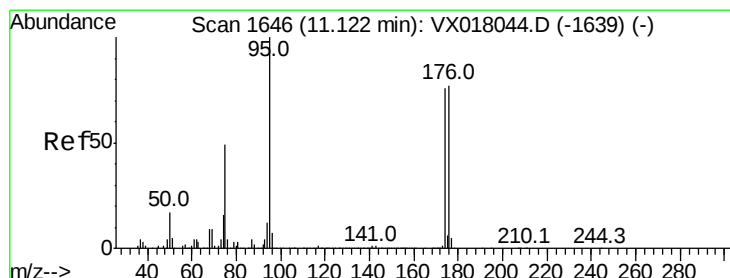
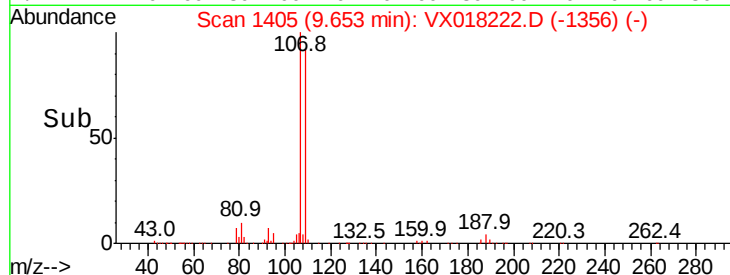
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.609 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

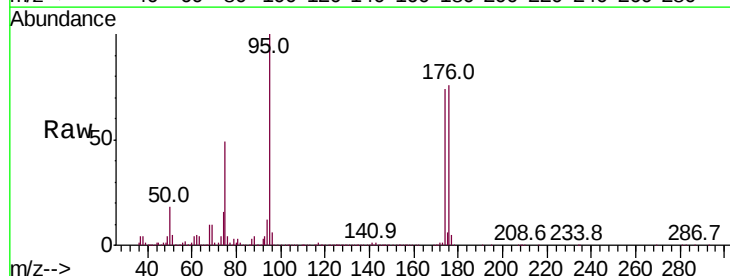
Tgt Ion: 95 Resp: 325782

Ion Ratio Lower Upper

95 100

174 80.2 0.0 160.2

176 77.6 0.0 155.8



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

11.12

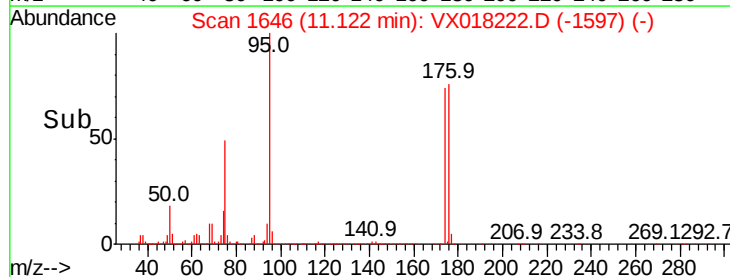
300000

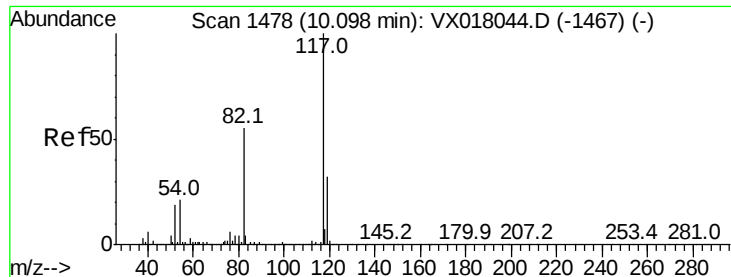
200000

100000

0

Time--> 11.10 11.20

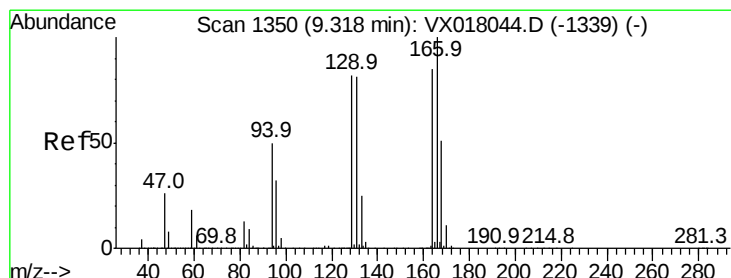
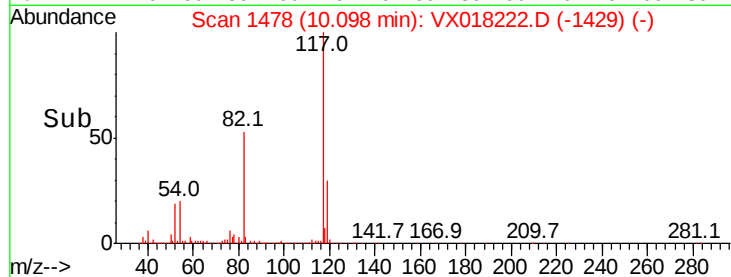
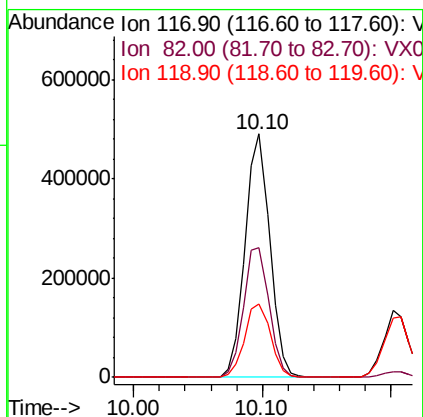
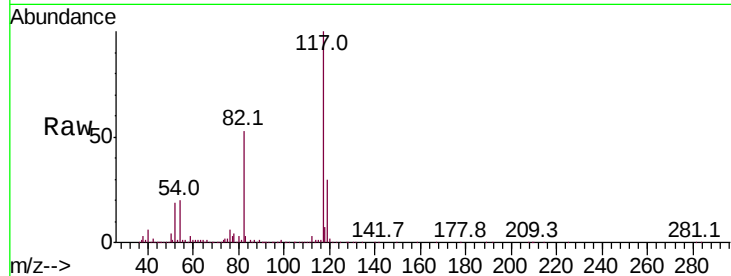




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

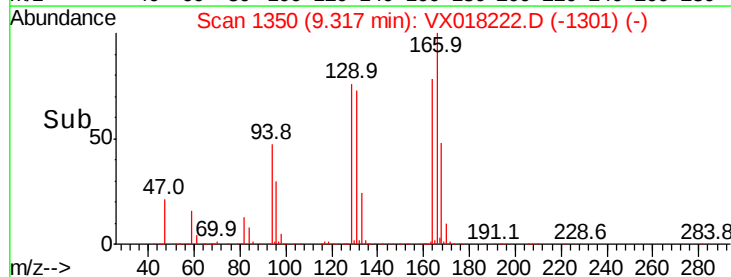
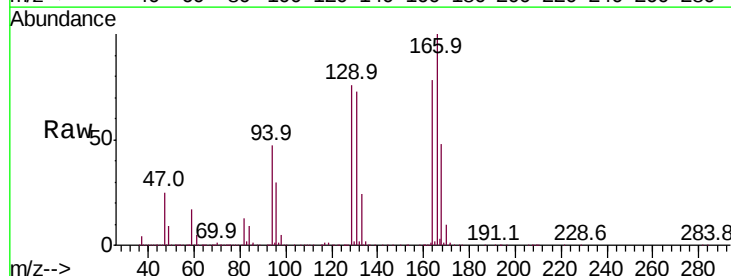
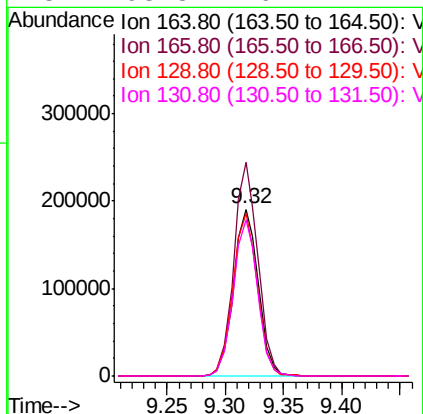
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

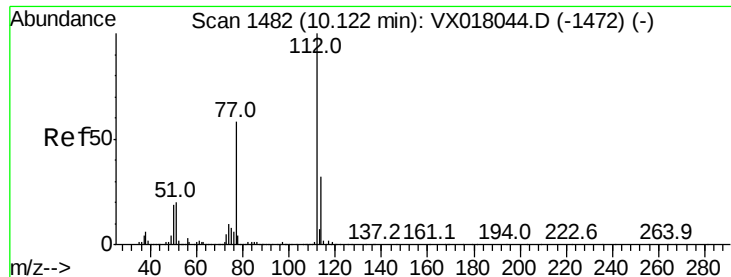
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.2	66.2
119	30.2	25.7	38.5



#64
Tetrachloroethene
Concen: 58.820 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	94.2	141.2
129	97.7	76.9	115.3
131	93.8	76.1	114.1





#65

Chlorobenzene

Concen: 50.929 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

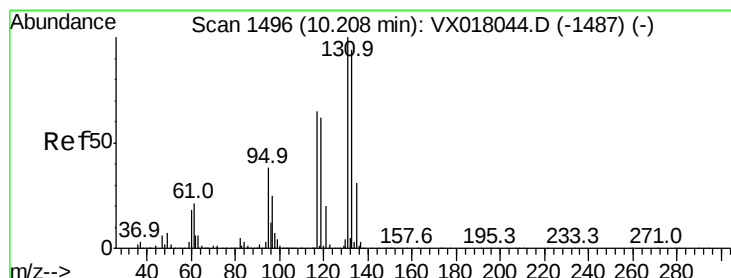
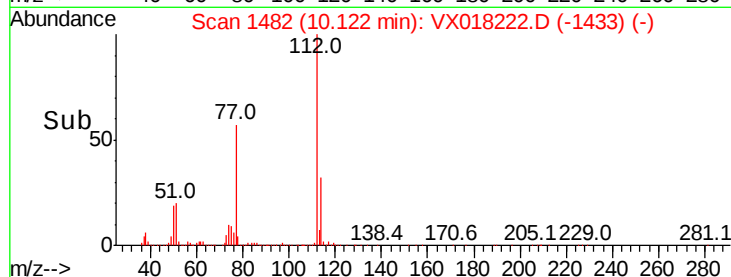
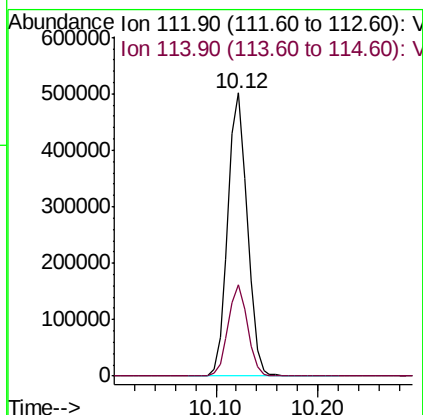
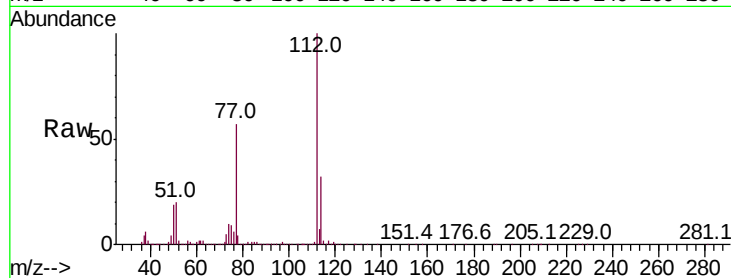
VSTDCCC050

Tot Ion:112 Resp: 660156

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 53.461 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

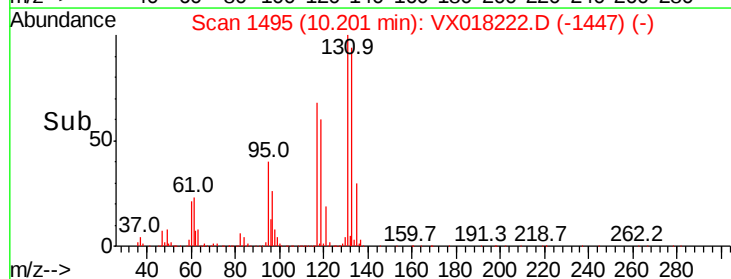
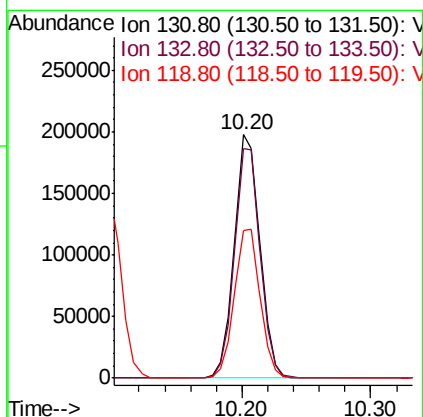
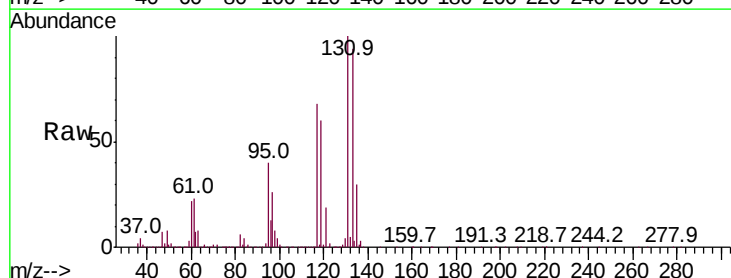
Tgt Ion:131 Resp: 273125

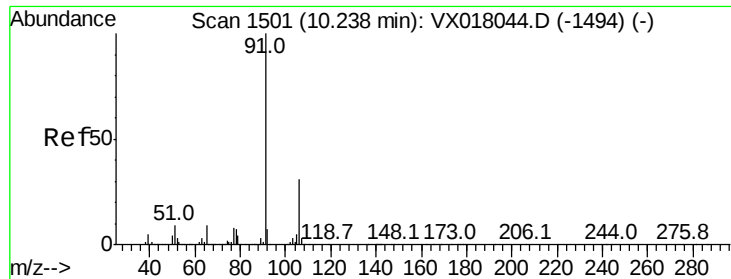
Ion Ratio Lower Upper

131 100

133 95.2 46.7 140.1

119 61.9 31.8 95.4

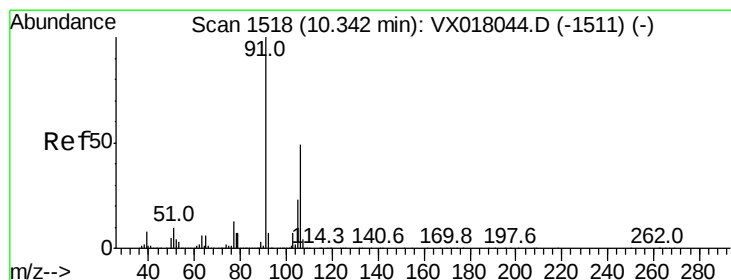
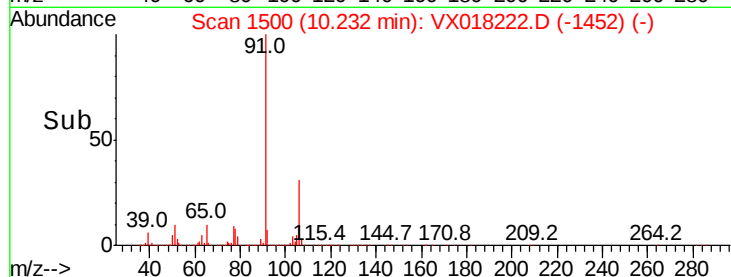
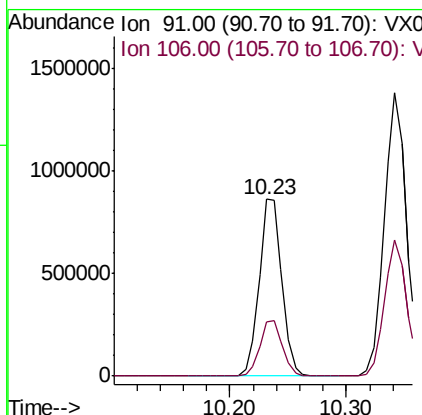
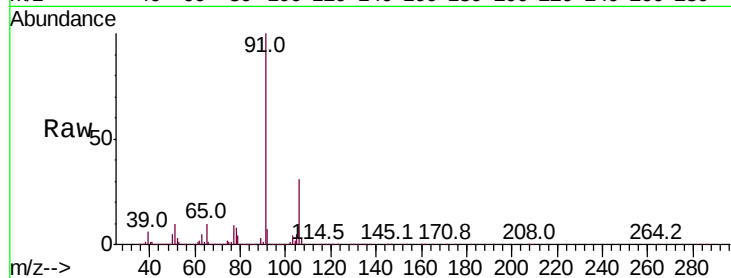




#67
Ethyl Benzene
Concen: 52.758 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

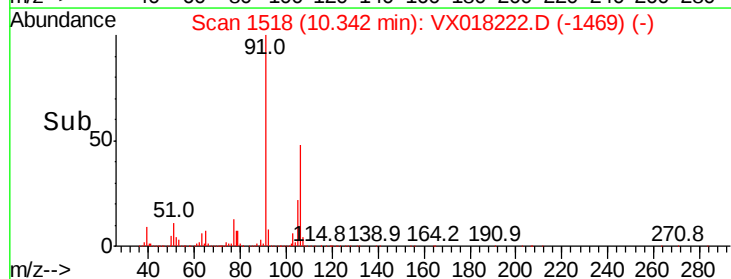
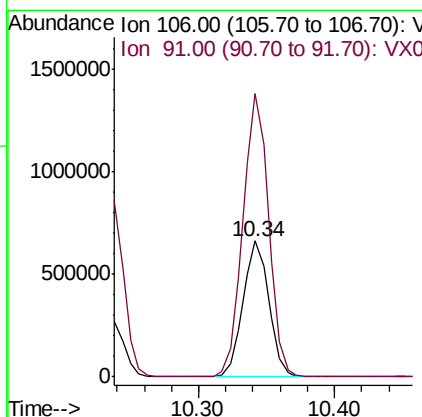
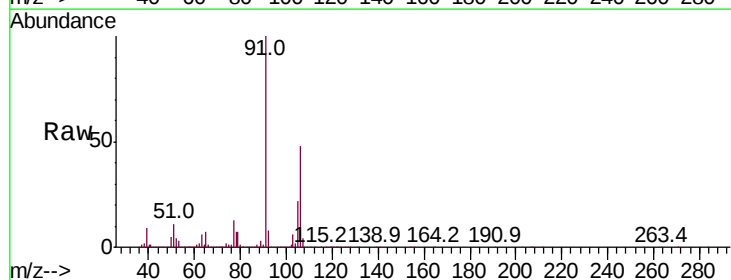
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

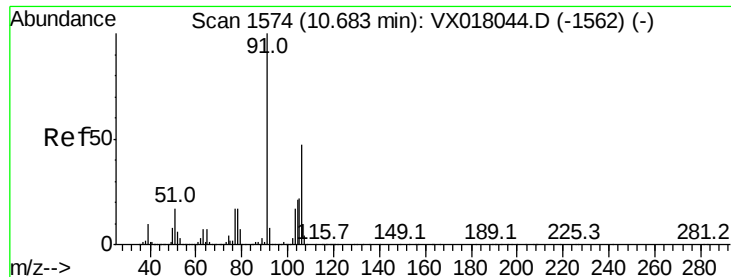
Tot Ion: 91 Resp: 1162977
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



#68
m/p-Xylenes
Concen: 106.885 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion: 106 Resp: 879421
Ion Ratio Lower Upper
106 100
91 207.6 162.2 243.2

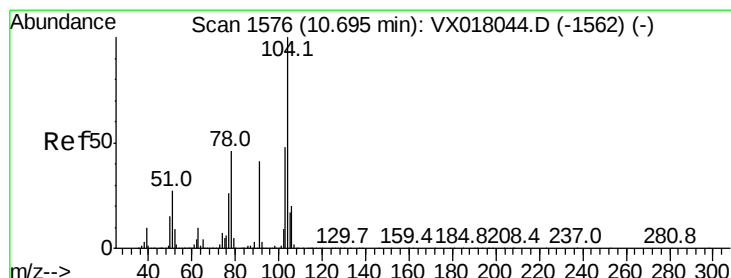
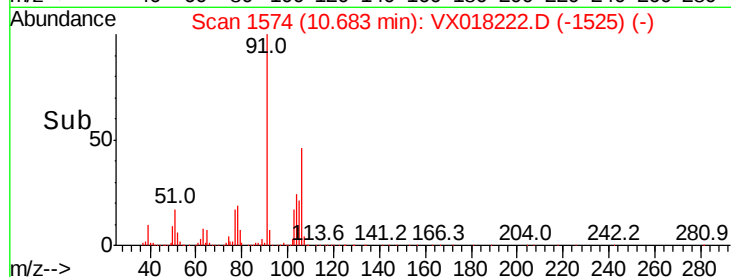
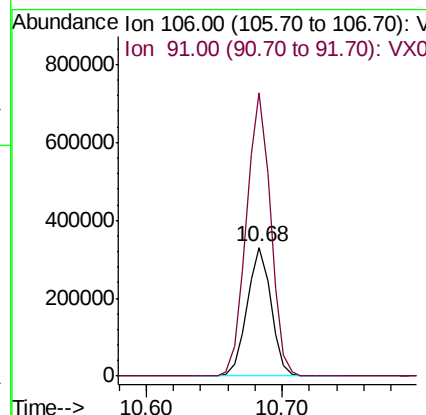
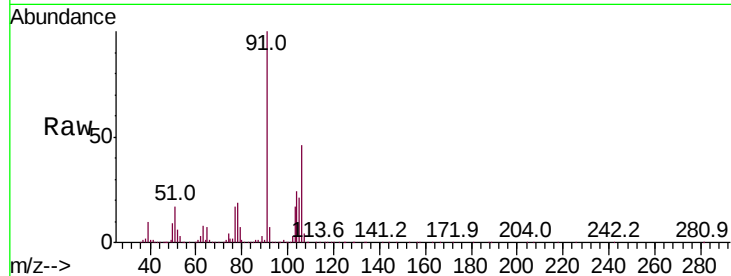




#69
o-Xylene
Concen: 51.207 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

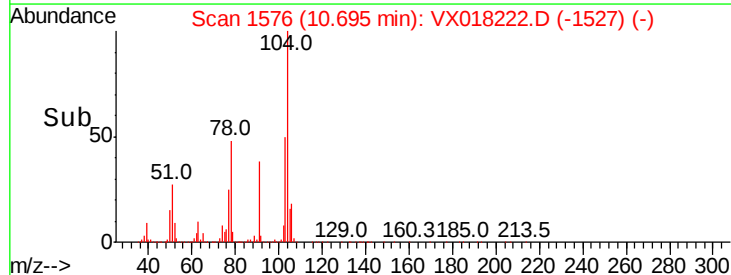
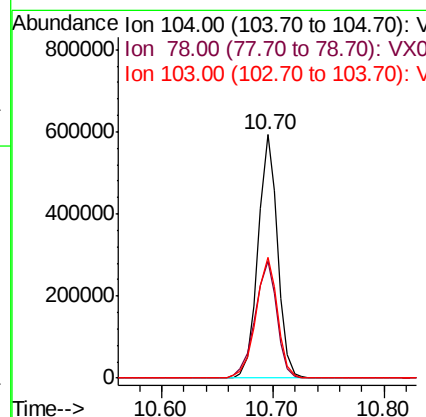
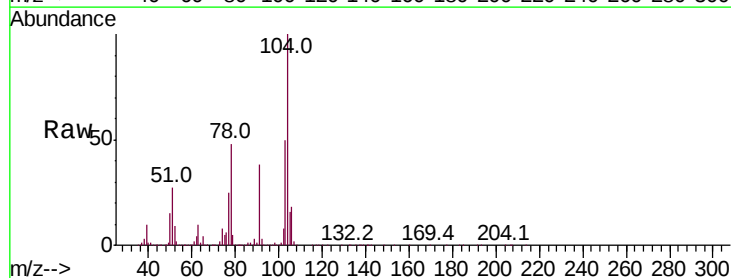
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

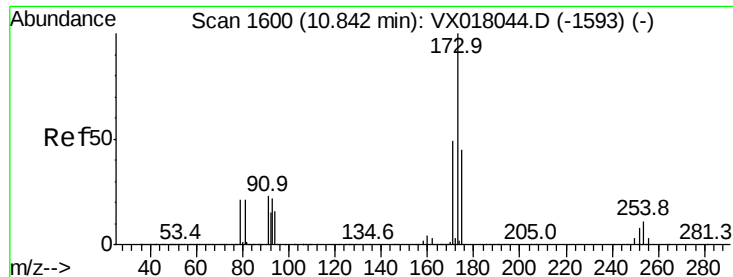
Tot Ion:106 Resp: 408420
Ion Ratio Lower Upper
106 100
91 221.7 107.1 321.3



#70
Styrene
Concen: 53.204 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion:104 Resp: 722658
Ion Ratio Lower Upper
104 100
78 53.8 40.9 61.3
103 54.8 43.6 65.4





#71

Bromoform

Concen: 52.439 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

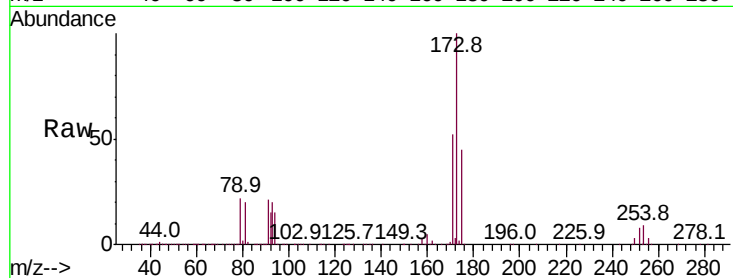
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 228511

Ion	Ratio	Lower	Upper
173	100		
175	47.5	23.9	71.8
254	0.2	0.2	0.2

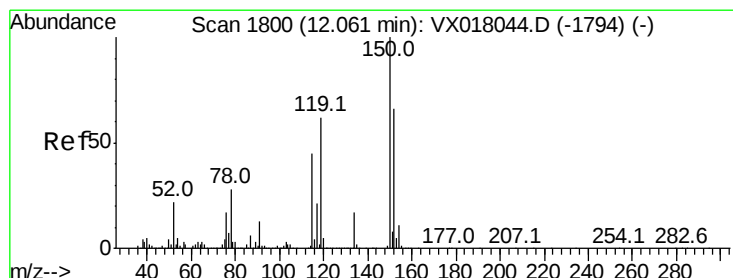
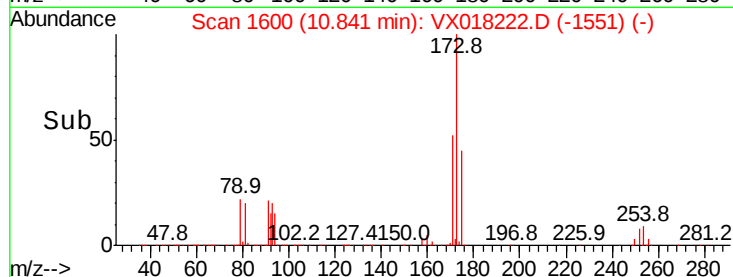
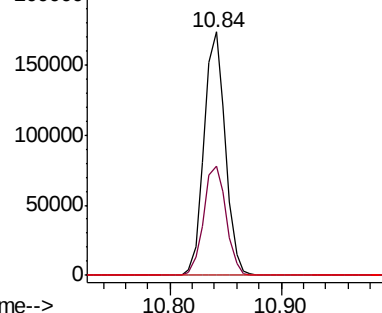


Abundance

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: 12.06 min Scan# 1800

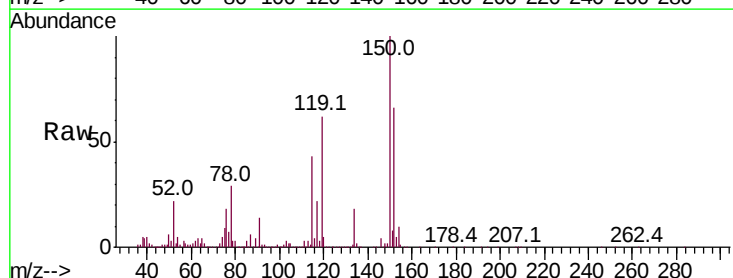
Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tgt Ion:152 Resp: 349099

Ion	Ratio	Lower	Upper
152	100		
115	84.3	41.5	124.5
150	170.4	0.0	343.8

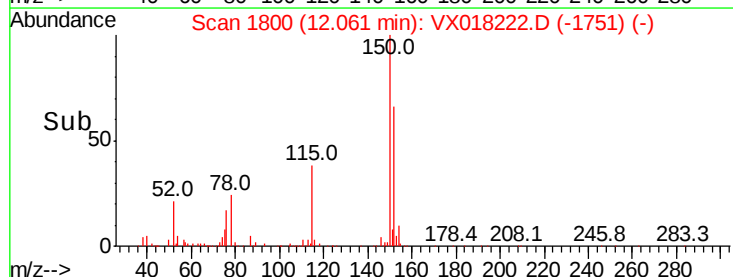
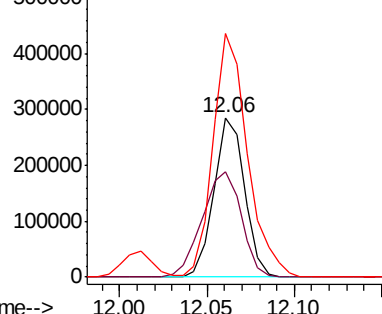


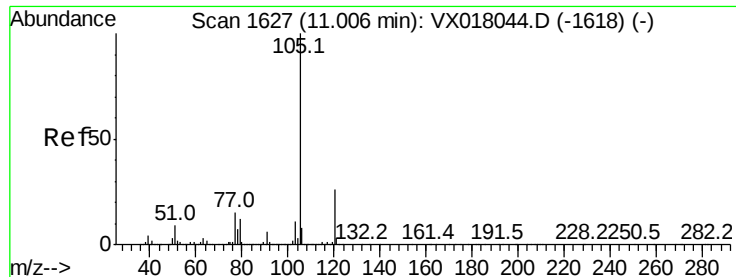
Abundance

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: 51.067 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

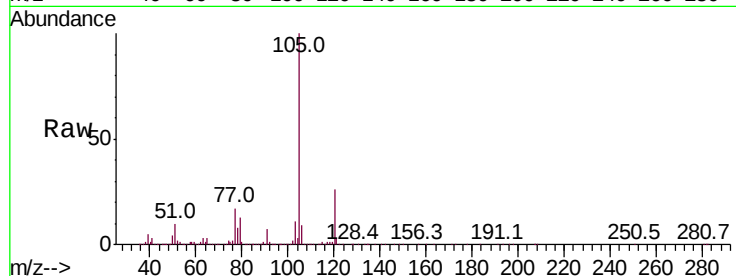
VSTDCCC050

Tot Ion:105 Resp: 1175923

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

800000

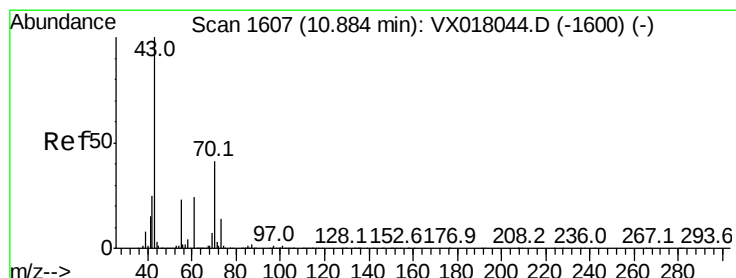
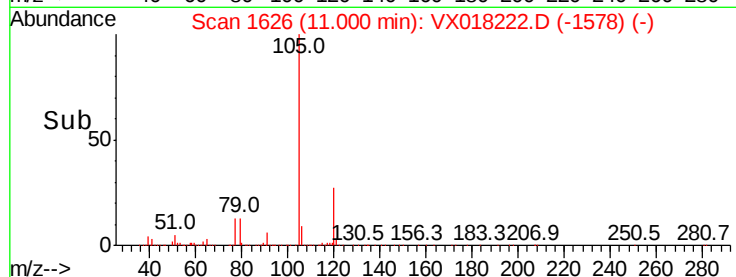
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 43.304 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tgt Ion: 43 Resp: 473115

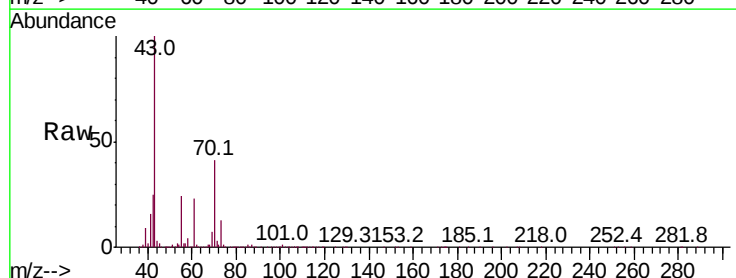
Ion Ratio Lower Upper

43 100

70 41.3 32.3 48.5

55 24.4 18.2 27.2

61 23.4 18.9 28.3



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

600000

500000

400000

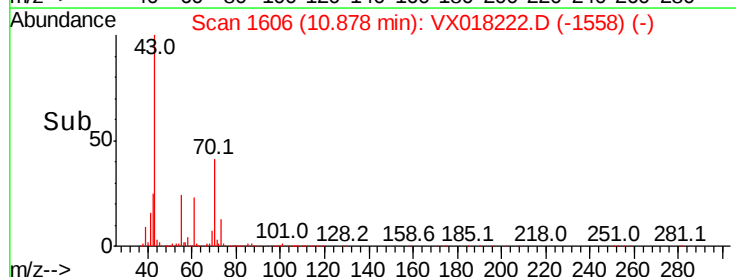
300000

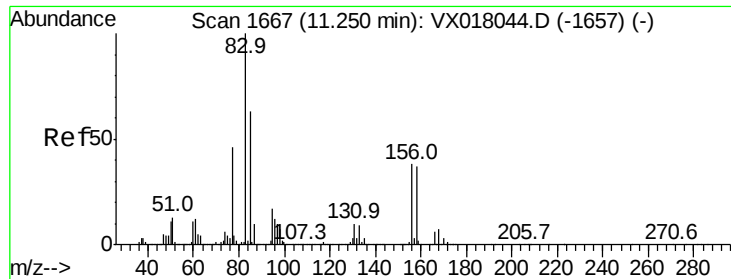
200000

100000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 43.070 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

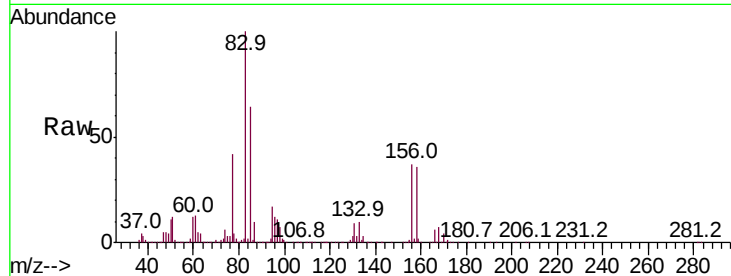
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 349859

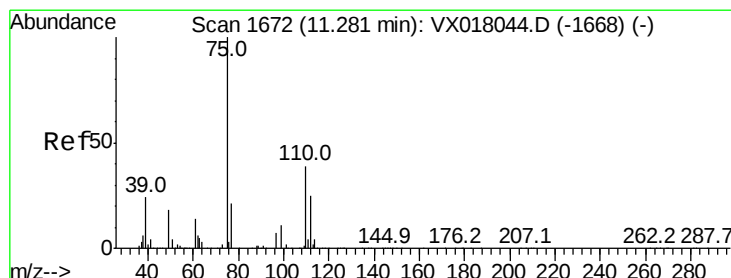
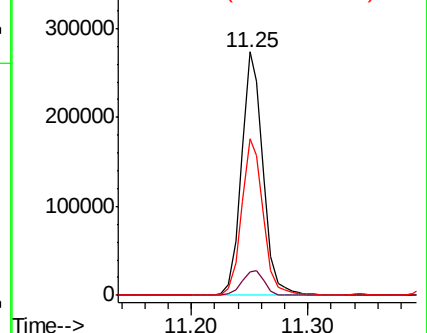
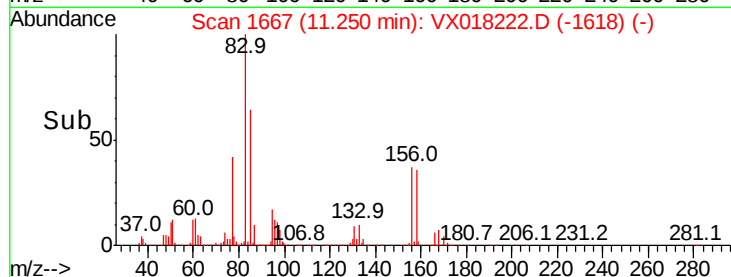
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.1	15.4
85	64.7	32.2	96.6



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: 57.149 ug/l

RT: 11.28 min Scan# 1672

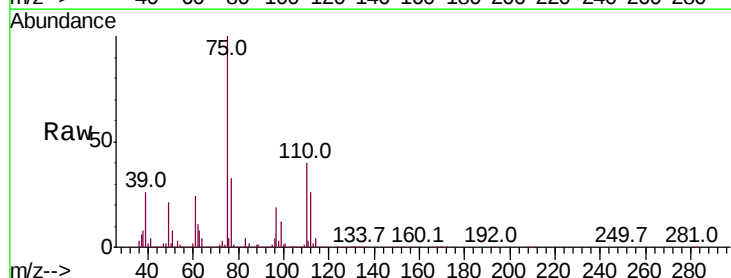
Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

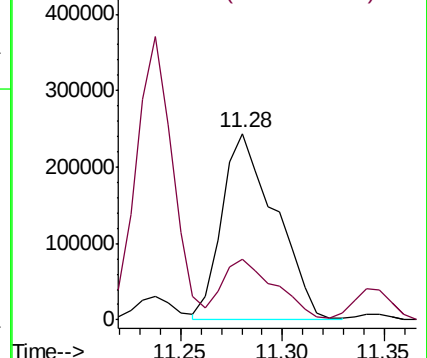
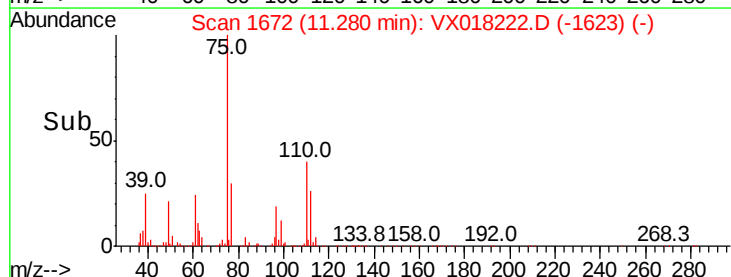
Tgt Ion: 75 Resp: 443813

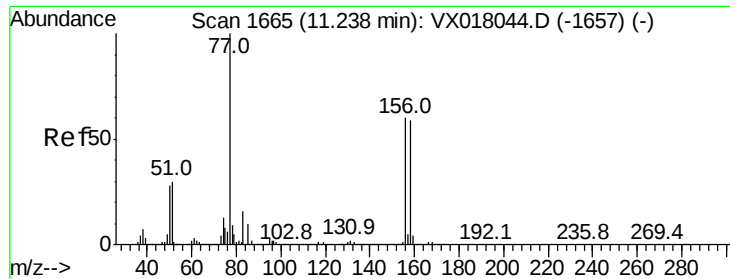
Ion	Ratio	Lower	Upper
75	100		
77	32.1	20.8	62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.834 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

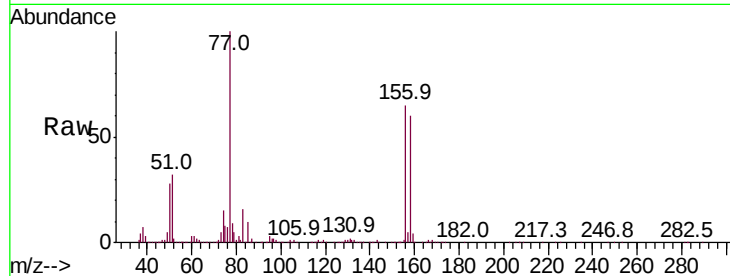
Tot Ion:156 Resp: 304470

Ion Ratio Lower Upper

156 100

77 151.5 80.0 240.2

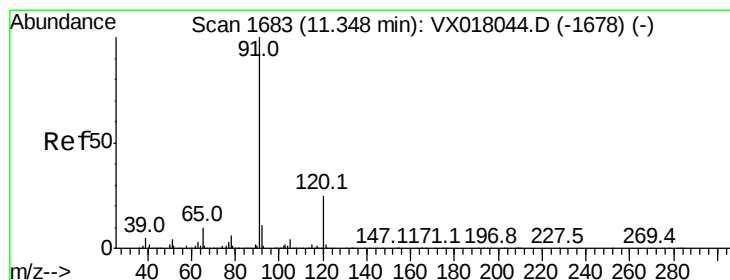
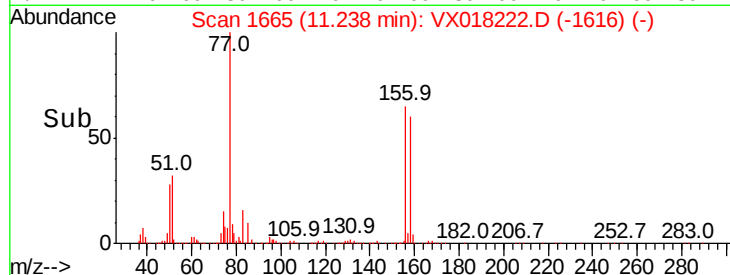
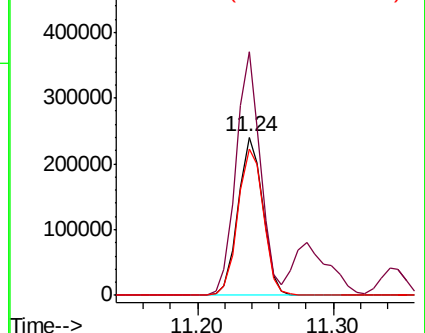
158 95.4 49.5 148.7



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: 51.301 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018222.D

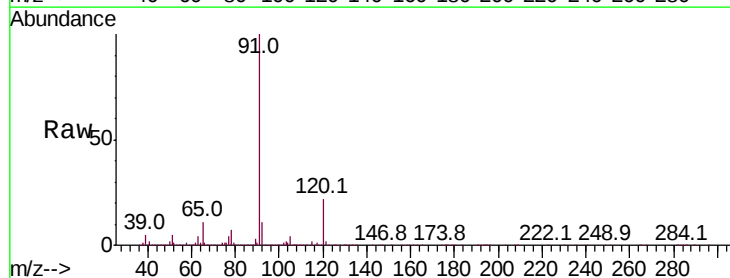
Acq: 03 Sep 2020 09:23

Tgt Ion: 91 Resp: 1341317

Ion Ratio Lower Upper

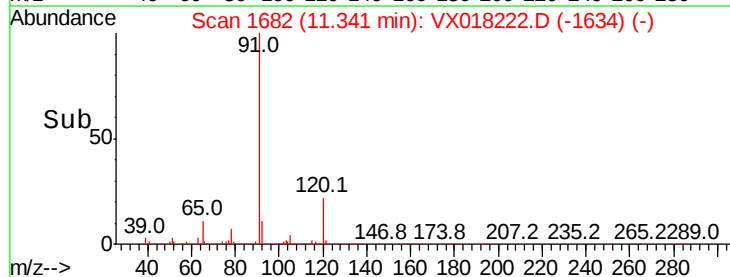
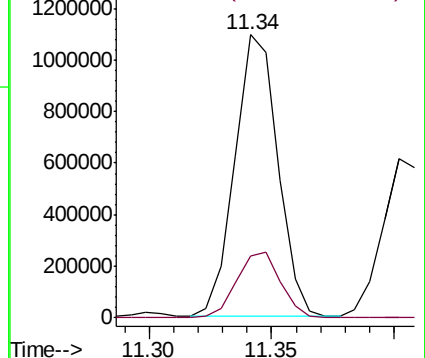
91 100

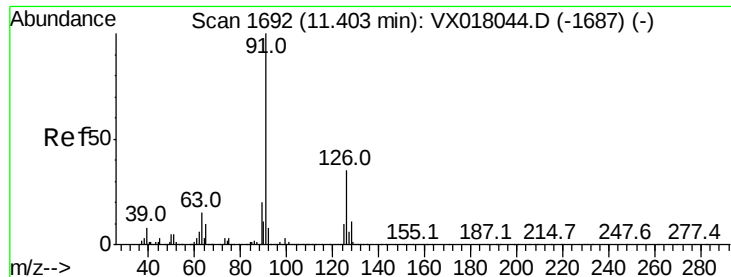
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

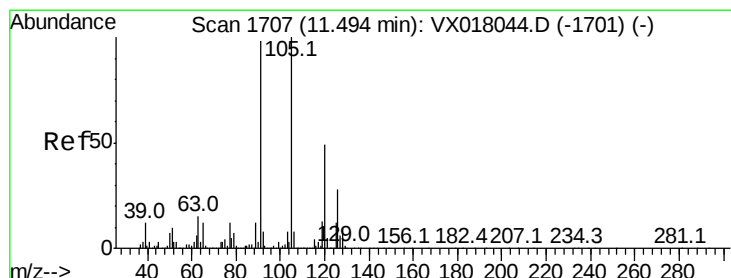
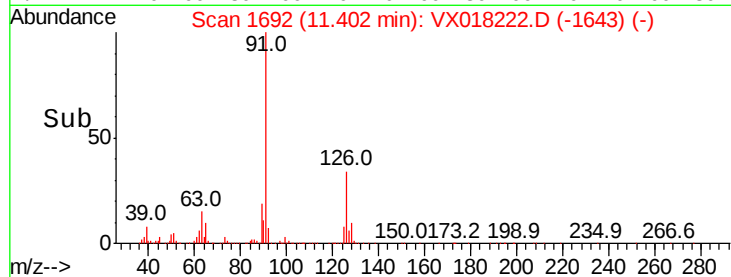
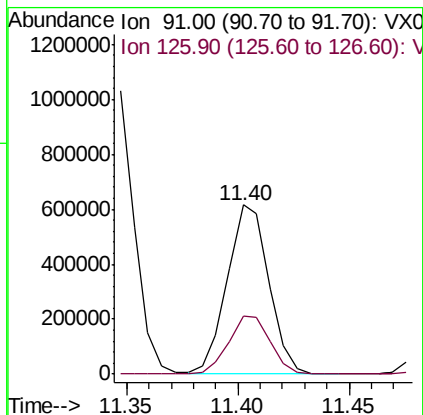
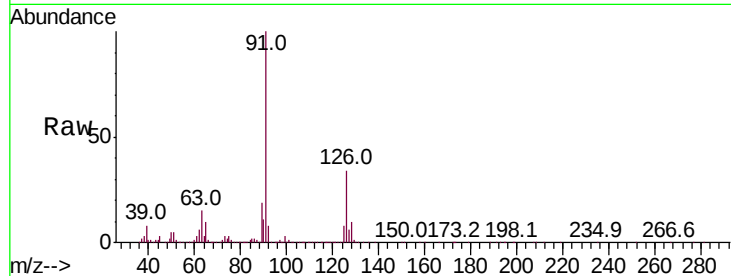




#79
 2-Chlorotoluene
 Concen: 49.256 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

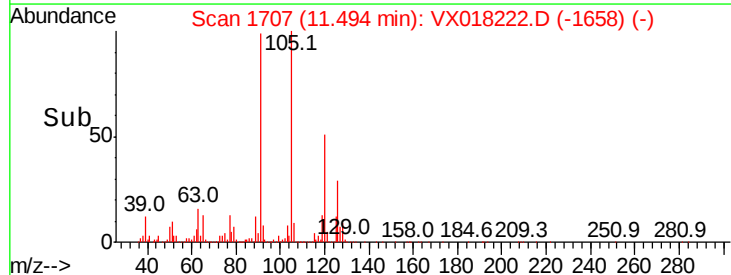
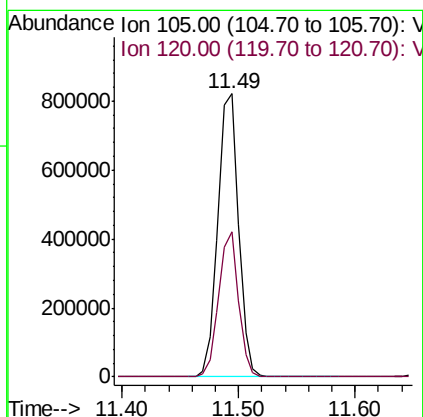
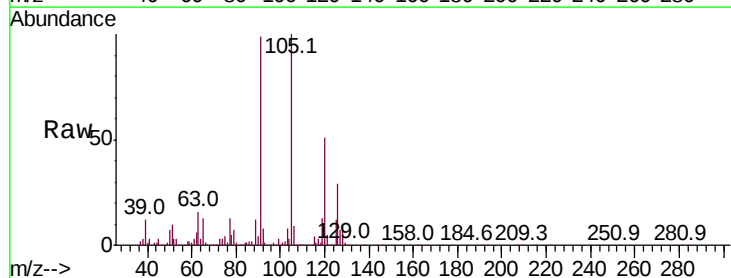
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

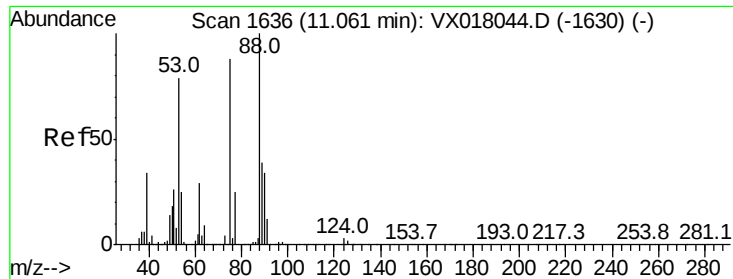
Tot Ion: 91 Resp: 795668
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 52.990 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

Tgt Ion:105 Resp: 1002695
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.295 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

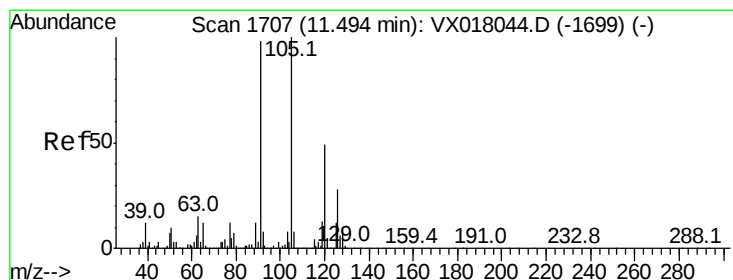
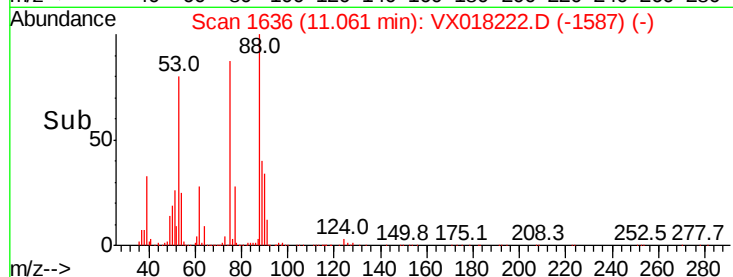
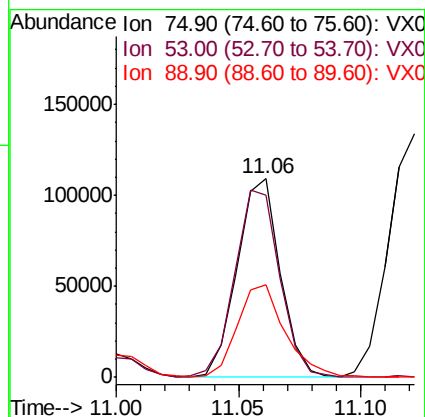
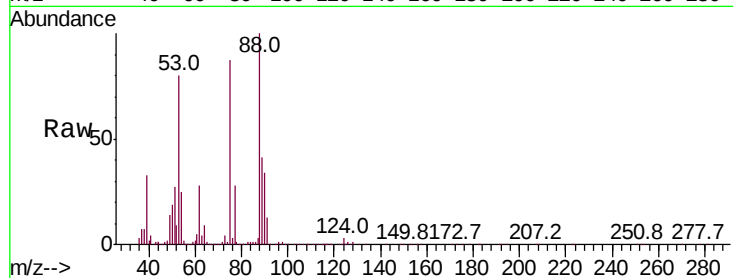
Tot Ion: 75 Resp: 133113

Ion Ratio Lower Upper

75 100

53 98.3 74.7 112.1

89 52.0 36.6 54.8



#82

4-Chlorotoluene

Concen: 50.162 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018222.D

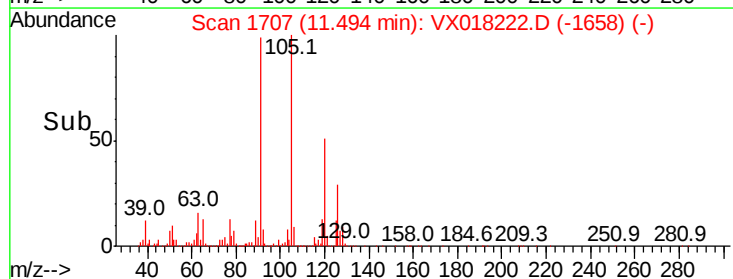
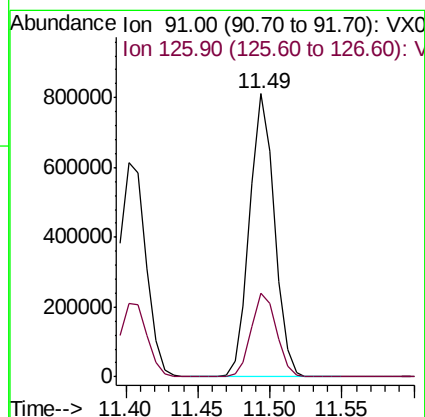
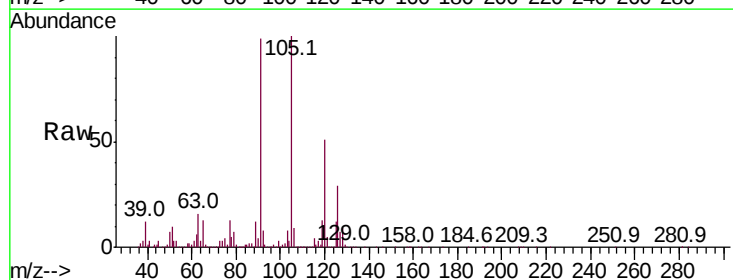
Acq: 03 Sep 2020 09:23

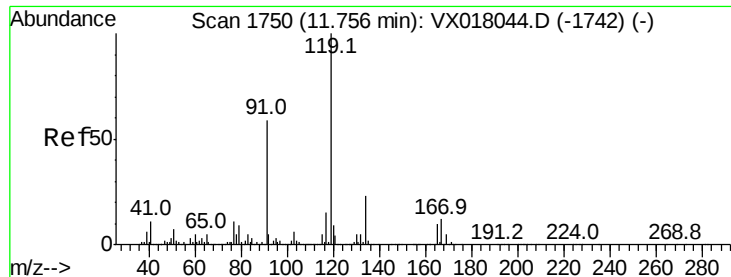
Tgt Ion: 91 Resp: 963289

Ion Ratio Lower Upper

91 100

126 29.9 15.1 45.3





#83

tert-Butylbenzene

Concen: 49.977 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

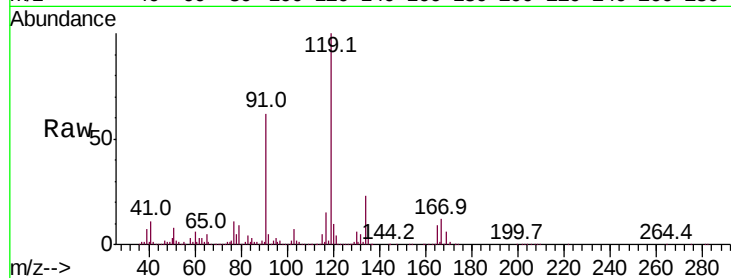
Tot Ion:119 Resp: 933268

Ion Ratio Lower Upper

119 100

91 60.2 28.2 84.7

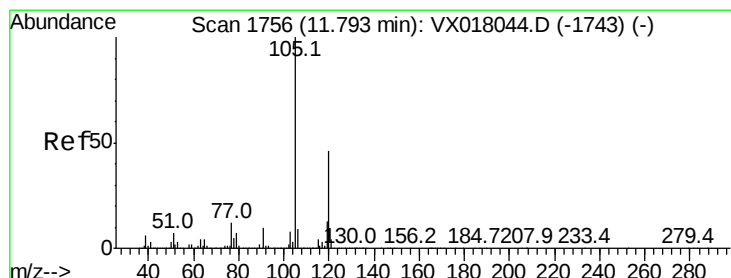
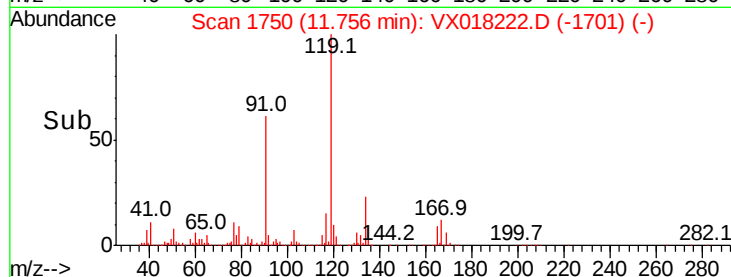
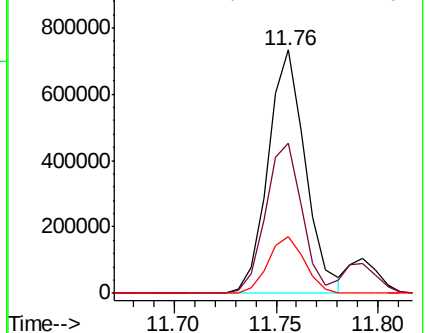
134 22.8 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.358 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018222.D

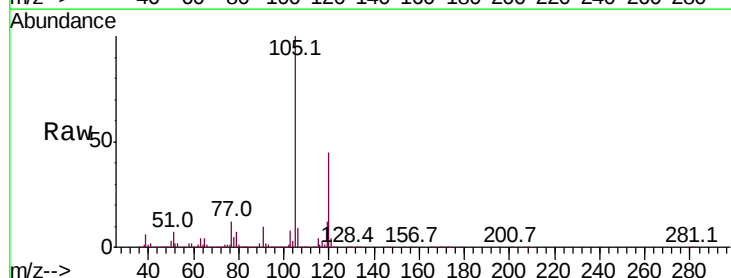
Acq: 03 Sep 2020 09:23

Tgt Ion:105 Resp: 1012923

Ion Ratio Lower Upper

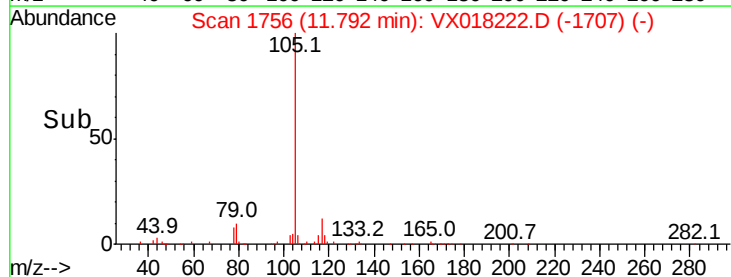
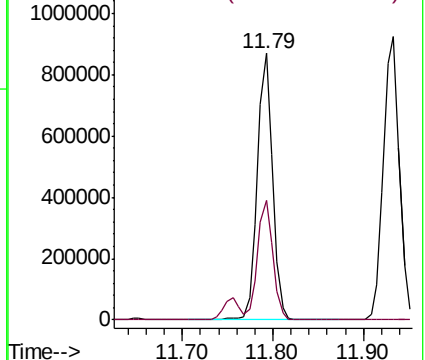
105 100

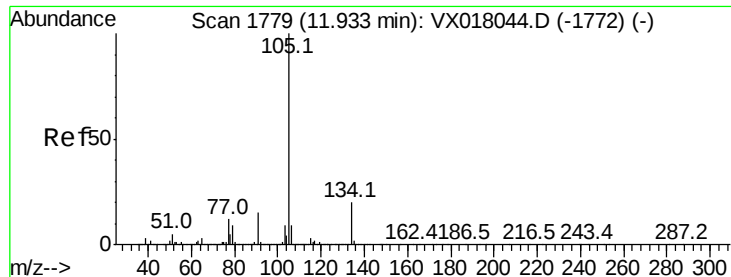
120 44.7 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.137 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

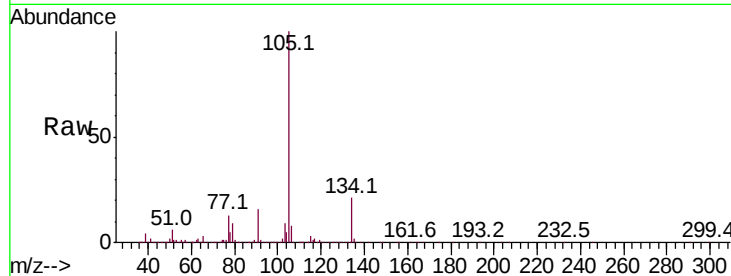
VSTDCCC050

Tot Ion:105 Resp: 1128424

Ion Ratio Lower Upper

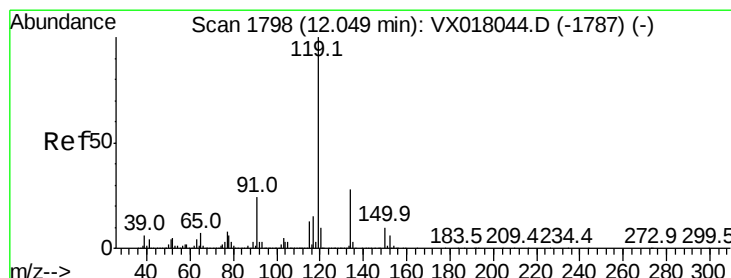
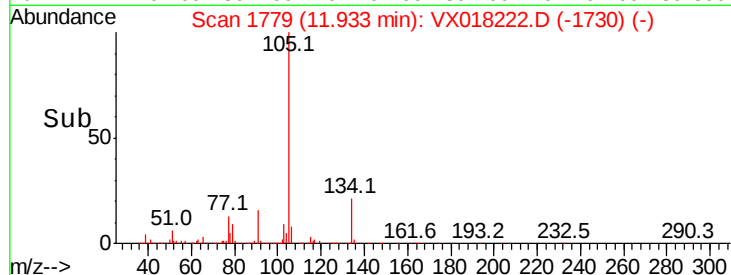
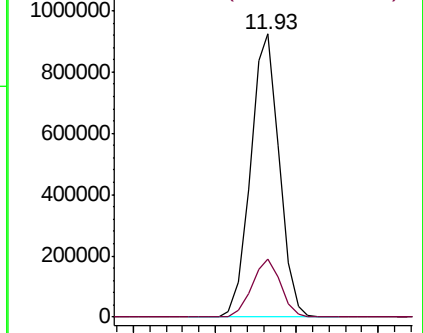
105 100

134 20.5 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.894 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

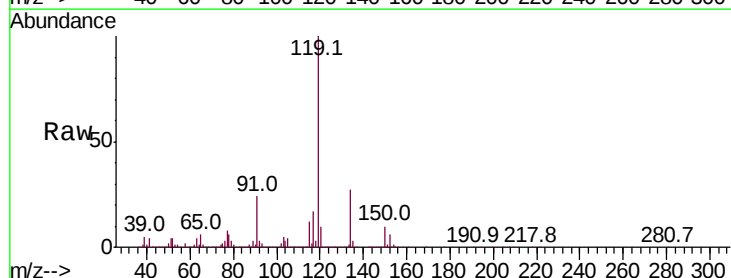
Tgt Ion:119 Resp: 1090309

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

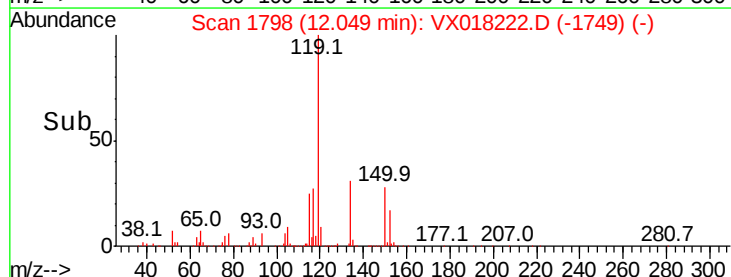
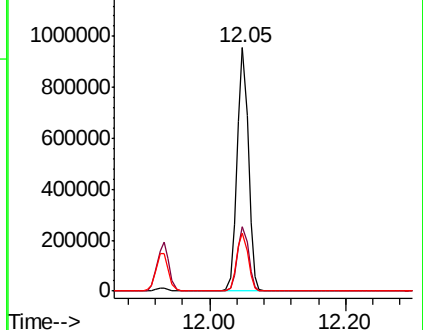
91 24.2 11.8 35.4

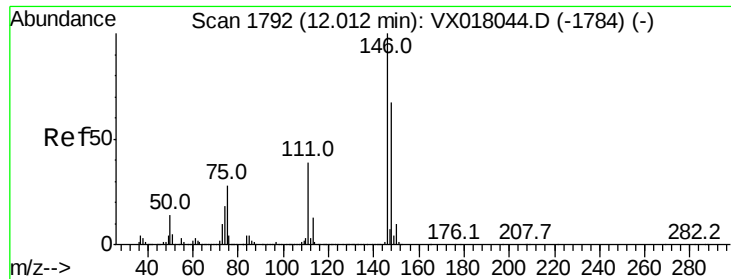


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.344 ug/l

RT: 12.01 min Scan# 1792

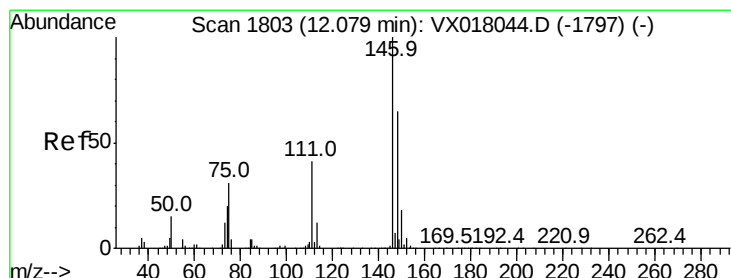
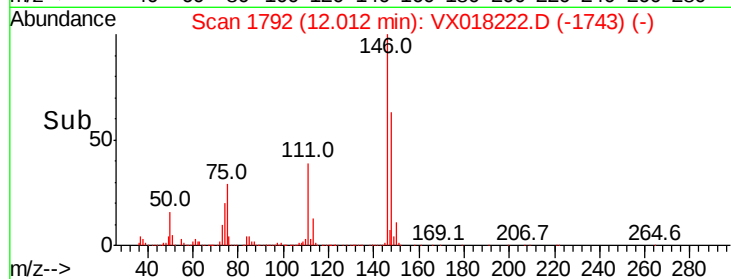
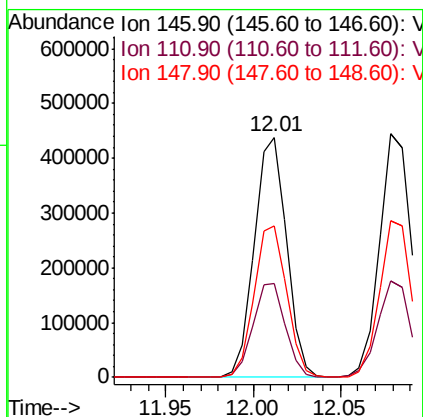
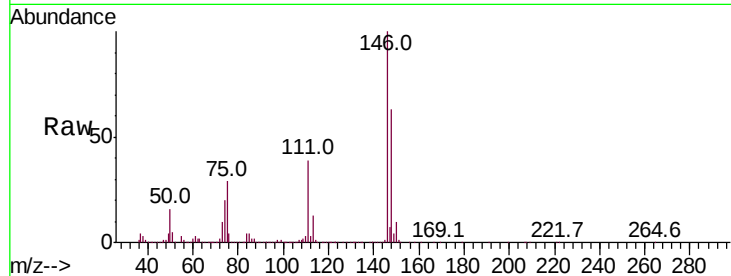
Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.6	61.8
148	63.6	33.1	99.2



#88

1,4-Dichlorobenzene

Concen: 49.833 ug/l

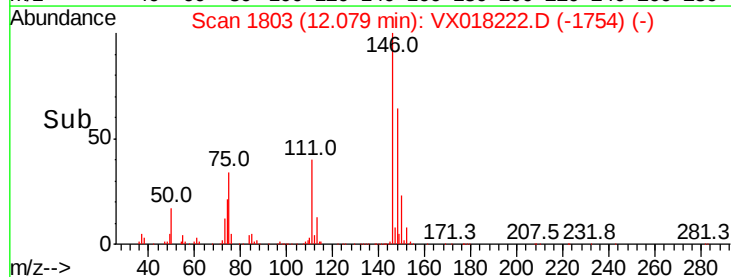
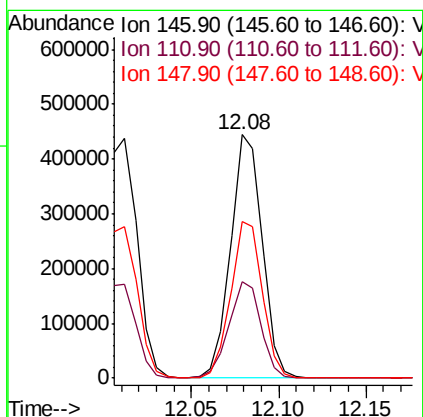
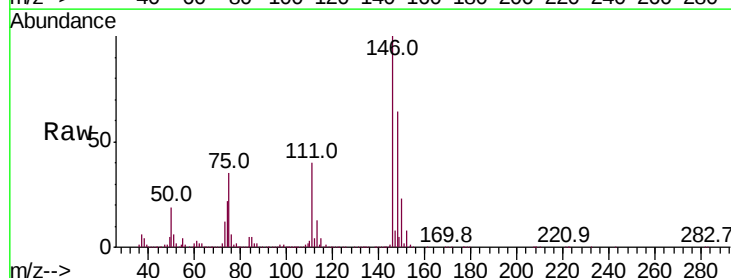
RT: 12.08 min Scan# 1803

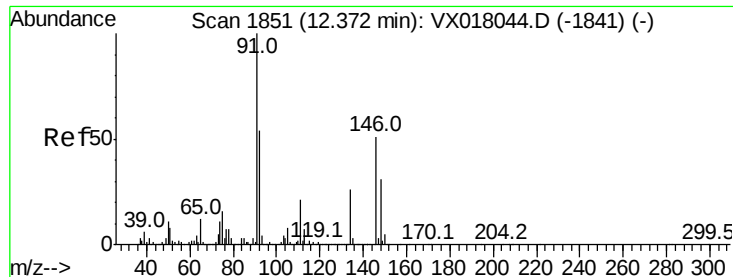
Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.8
148	64.6	33.1	99.2

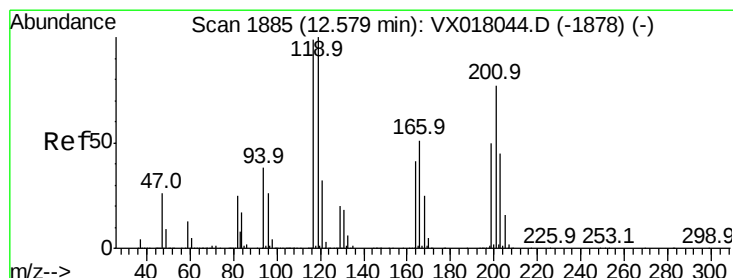
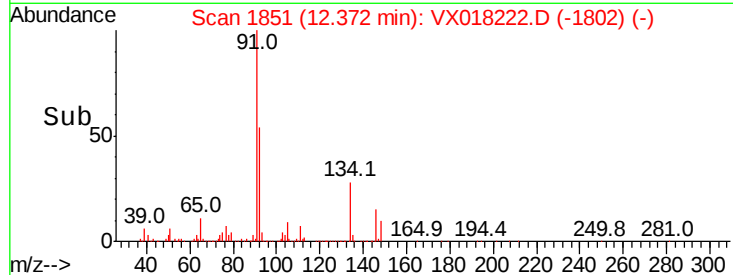
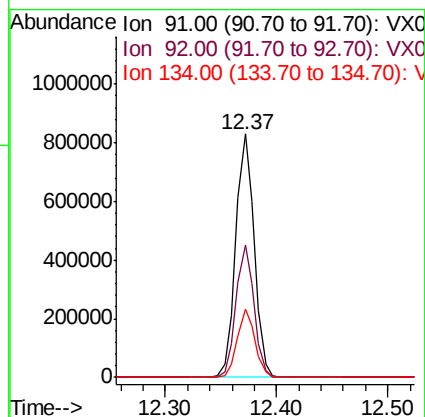
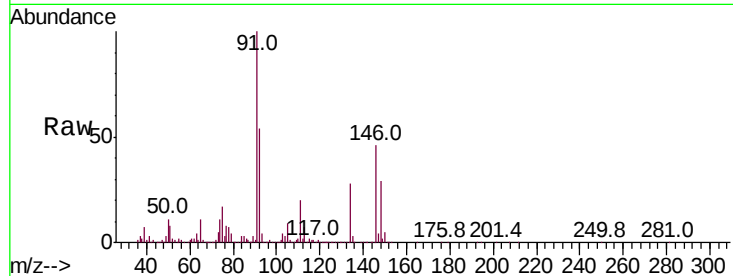




#89
n-Butylbenzene
Concen: 53.283 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

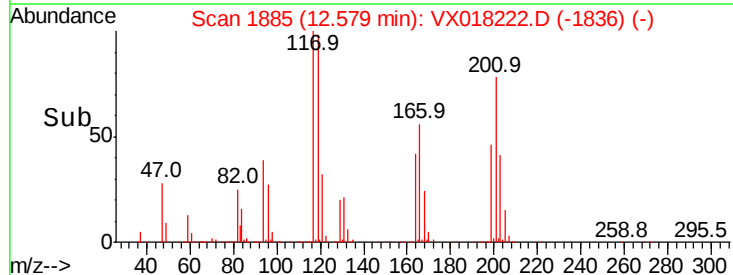
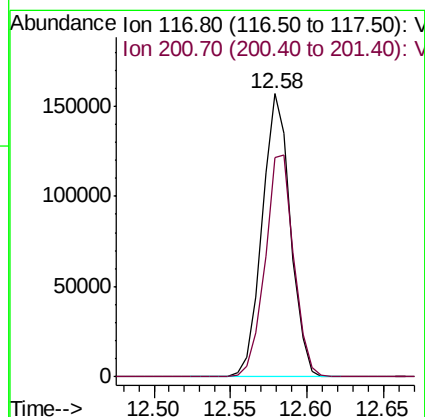
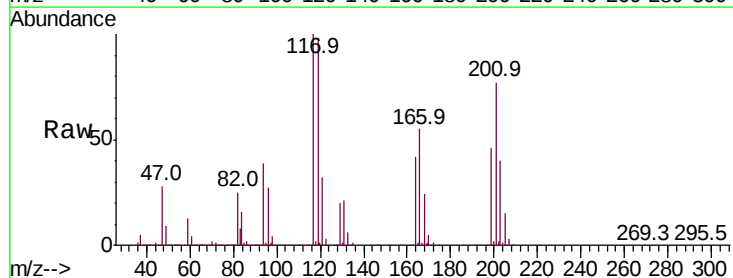
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

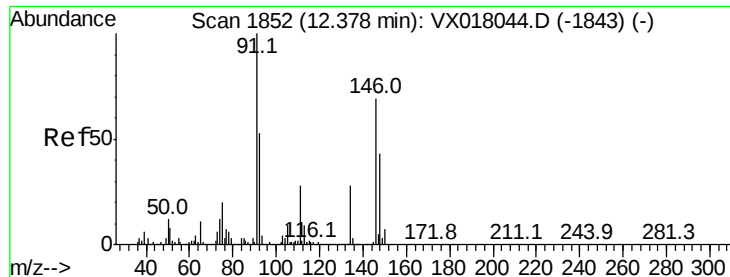
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.4	79.2
134	27.0	12.9	38.7



#90
Hexachloroethane
Concen: 52.704 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.9	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 50.318 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

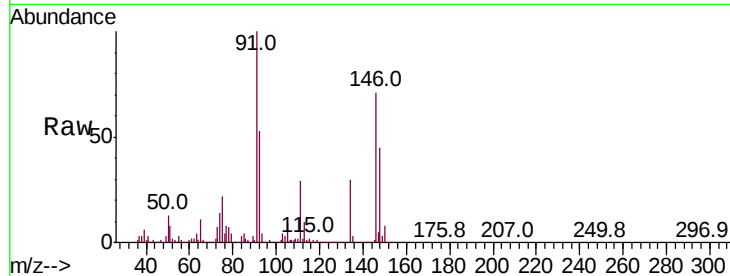
Tot Ion:146 Resp: 529324

Ion Ratio Lower Upper

146 100

111 42.1 20.8 62.5

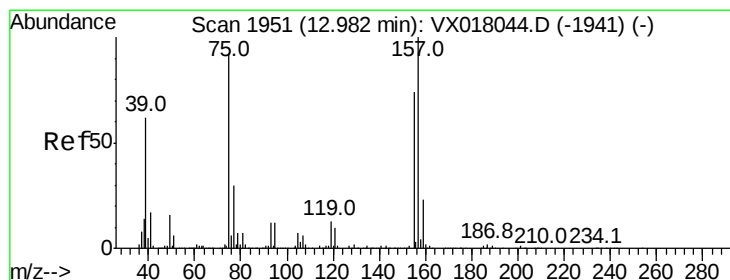
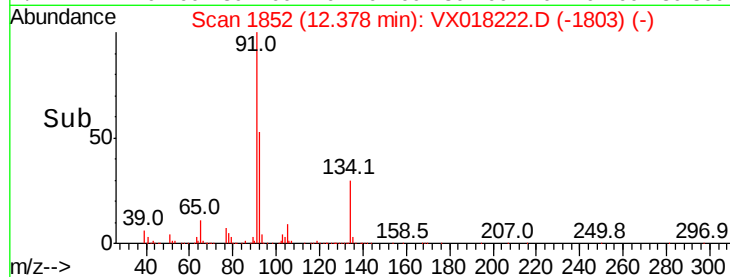
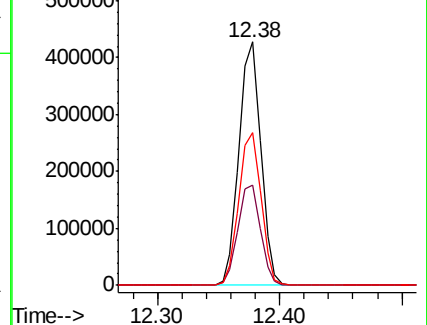
148 63.5 31.6 95.0



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: 43.599 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018222.D

Acq: 03 Sep 2020 09:23

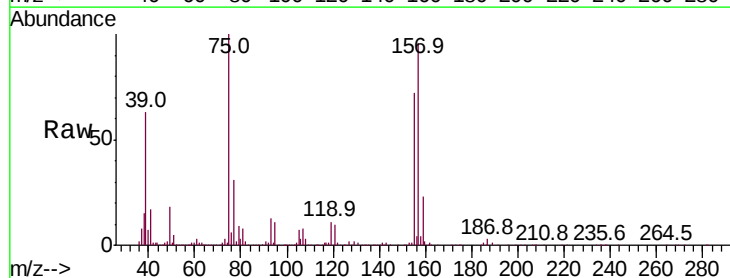
Tgt Ion: 75 Resp: 88553

Ion Ratio Lower Upper

75 100

155 82.0 40.2 120.6

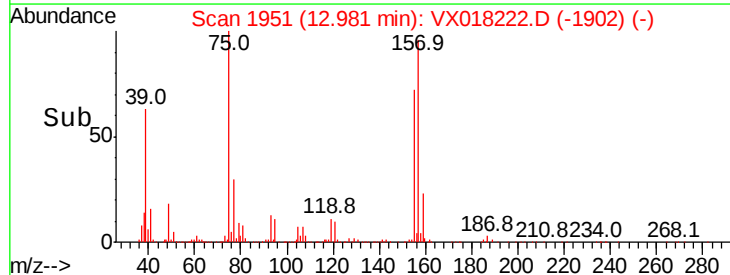
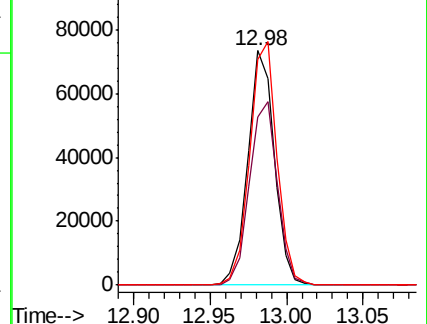
157 105.9 55.0 165.2

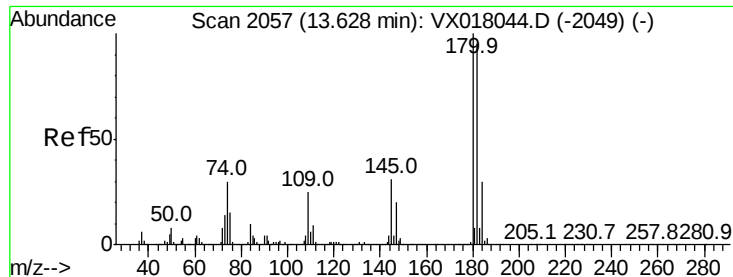


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

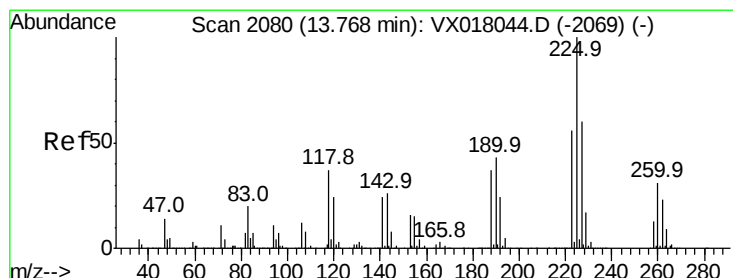
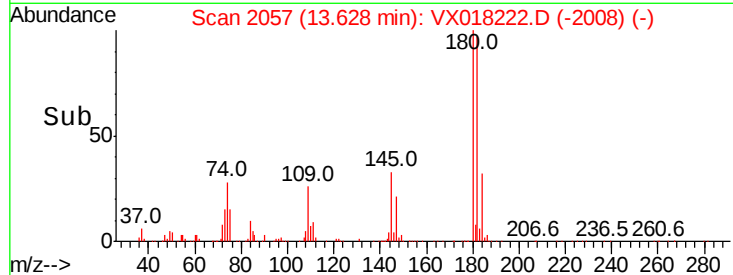
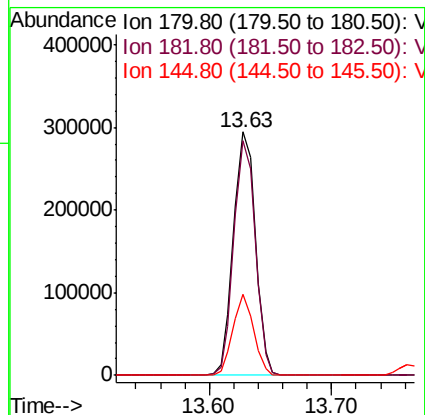
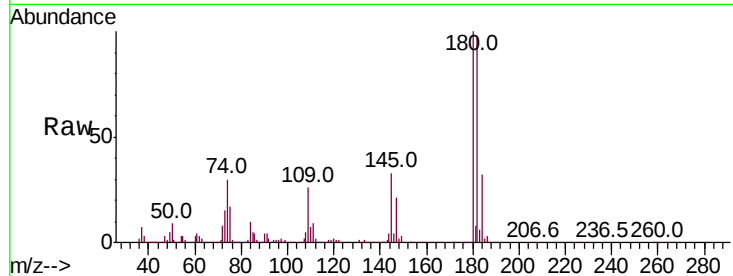




#93
 1,2,4-Trichlorobenzene
 Concen: 52.020 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

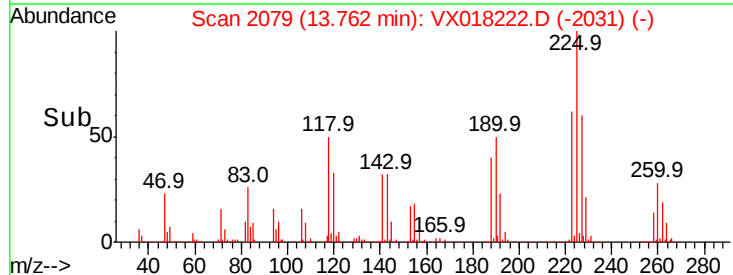
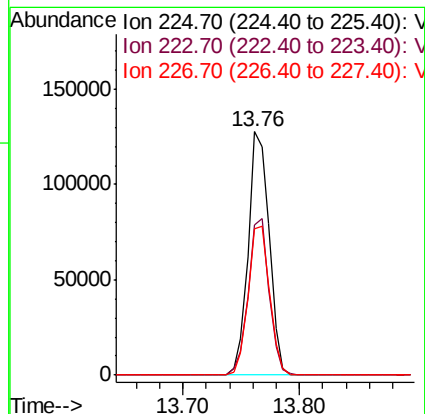
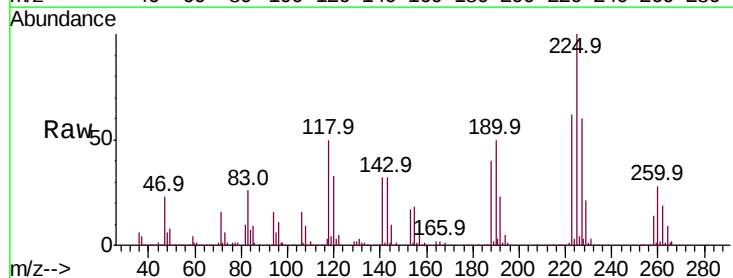
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

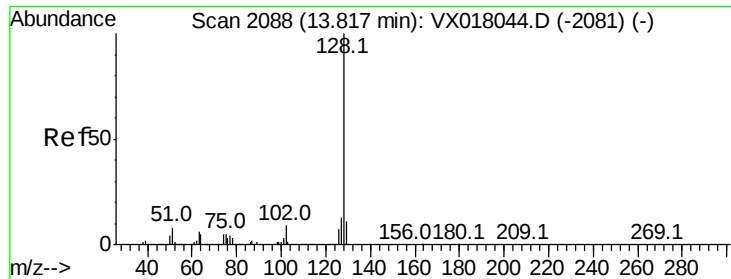
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.5	142.6
145	31.3	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 58.393 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018222.D
 Acq: 03 Sep 2020 09:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	30.7	92.1
227	62.7	32.6	97.8

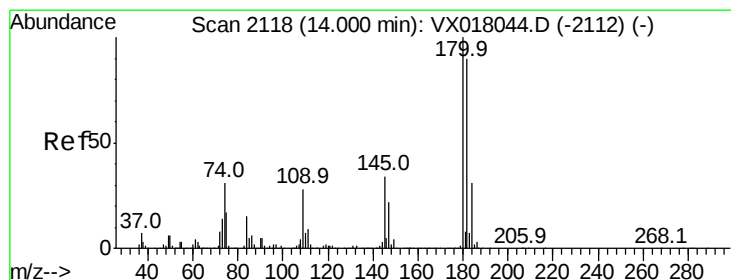
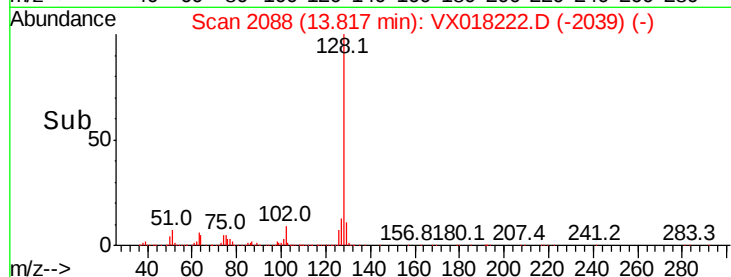
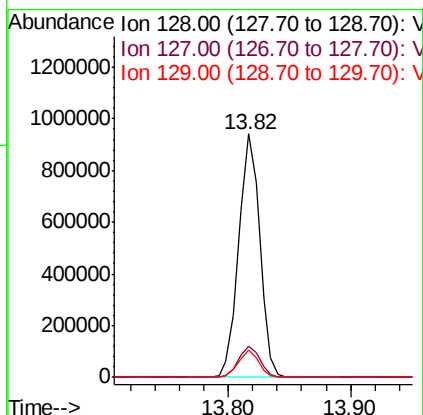
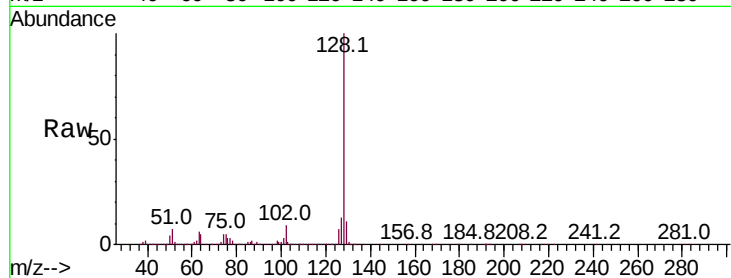




#95
Naphthalene
Concen: 48.357 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1116367
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.907 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018222.D
Acq: 03 Sep 2020 09:23

Tgt Ion:180 Resp: 359780
Ion Ratio Lower Upper
180 100
182 95.2 47.3 142.0
145 32.9 17.5 52.6

