

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090820\
 Data File : VX018263.D
 Acq On : 08 Sep 2020 10:12
 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 09 01:18:31 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	5.62	168	459102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	661796	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	645099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	358222	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	293596	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	
35) Dibromofluoromethane	5.46	113	226232	50.19	ug/l	-0.01
Spiked Amount			Recovery	=	100.38%	
50) Toluene-d8	8.70	98	799262	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.12	95	325621	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	271492	48.570	ug/l	100
3) Chloromethane	1.31	50	239701	40.675	ug/l	100
4) Vinyl Chloride	1.39	62	259291	44.200	ug/l	98
5) Bromomethane	1.62	94	142908	50.506	ug/l	99
6) Chloroethane	1.70	64	155415	49.326	ug/l	97
7) Trichlorofluoromethane	1.91	101	445753	55.725	ug/l	95
8) Diethyl Ether	2.17	74	134331	49.519	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	223606	51.707	ug/l	98
10) Methyl Iodide	2.49	142	192484	42.490	ug/l	95
11) Tert butyl alcohol	3.02	59	258454	208.558	ug/l	98
12) 1,1-Dichloroethene	2.36	96	204632	45.610	ug/l	98
13) Acrolein	2.27	56	106032	206.351	ug/l	99
14) Allyl chloride	2.70	41	375256	46.554	ug/l	96
15) Acrylonitrile	3.11	53	596438	212.174	ug/l	99
16) Acetone	2.42	43	582391	234.503	ug/l	95
17) Carbon Disulfide	2.54	76	589319	43.451	ug/l	99
18) Methyl Acetate	2.75	43	283820	47.359	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	763915	49.648	ug/l	99
20) Methylene Chloride	2.83	84	237665	46.726	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	235554	47.388	ug/l	95
22) Diisopropyl ether	3.82	45	749029	47.081	ug/l	98
23) Vinyl Acetate	3.78	43	3306953	233.603	ug/l	99
24) 1,1-Dichloroethane	3.67	63	427461	47.200	ug/l	99
25) 2-Butanone	4.63	43	859453	210.570	ug/l	97
26) 2,2-Dichloropropane	4.54	77	423176	57.430	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	258953	45.215	ug/l	99
28) Bromochloromethane	4.98	49	187872	42.977	ug/l	94
29) Tetrahydrofuran	5.09	42	522131	200.956	ug/l	96
30) Chloroform	5.17	83	460506	49.108	ug/l	100
31) Cyclohexane	5.54	56	347832	45.595	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	435904	50.654	ug/l	100
36) 1,1-Dichloropropene	5.76	75	324961	53.237	ug/l	98
37) Ethyl Acetate	4.79	43	326255	46.019	ug/l	99
38) Carbon Tetrachloride	5.75	117	405158	58.898	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	366304	54.880	ug/l	97
40) Benzene	6.11	78	920604	51.327	ug/l	98
41) Methacrylonitrile	4.99	41	181757	46.692	ug/l	97
42) 1,2-Dichloroethane	6.15	62	387035	56.321	ug/l	96
43) Isopropyl Acetate	6.41	43	543198	47.438	ug/l	99
44) Trichloroethene	7.18	130	270931	53.459	ug/l	97
45) 1,2-Dichloropropane	7.49	63	249311	51.573	ug/l	99
46) Dibromomethane	7.63	93	175713	51.689	ug/l	98
47) Bromodichloromethane	7.87	83	374907	55.234	ug/l	99
48) Methyl methacrylate	7.74	41	270951	47.532	ug/l	98
49) 1,4-Dioxane	7.71	88	97237	941.705	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1689696	238.884	ug/l	100
52) Toluene	8.76	92	594685	52.288	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	410961	54.629	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	423013	53.082	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	248875	51.308	ug/l	96
56) Ethyl methacrylate	9.16	69	362375	50.254	ug/l	98
57) 1,3-Dichloropropane	9.35	76	406580	50.820	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	663774	204.628	ug/l	98
59) 2-Hexanone	9.47	43	1328973	247.093	ug/l	99
60) Dibromochloromethane	9.56	129	313792	55.146	ug/l	98
61) 1,2-Dibromoethane	9.65	107	269661	51.207	ug/l	98
64) Tetrachloroethene	9.32	164	275422	58.099	ug/l	95
65) Chlorobenzene	10.12	112	666054	51.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	276957	54.540	ug/l	99
67) Ethyl Benzene	10.23	91	1172352	53.506	ug/l	99
68) m/p-Xylenes	10.34	106	918826	112.353	ug/l	99
69) o-Xylene	10.68	106	422781	53.329	ug/l	96
70) Styrene	10.70	104	753665	55.824	ug/l	99
71) Bromoform	10.84	173	245551	56.691	ug/l #	99
73) Isopropylbenzene	11.00	105	1200012	50.786	ug/l	100
74) N-amyl acetate	10.88	43	492515	43.931	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	365638	43.866	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	457249	57.380	ug/l	85
77) Bromobenzene	11.24	156	324466	49.677	ug/l	94
78) n-propylbenzene	11.34	91	1385980	51.659	ug/l	100
79) 2-Chlorotoluene	11.40	91	823849	49.702	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1054292	54.297	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	137798	46.703	ug/l	95
82) 4-Chlorotoluene	11.49	91	1019321	51.728	ug/l	99
83) tert-Butylbenzene	11.76	119	999489	52.160	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1071088	53.954	ug/l	99
85) sec-Butylbenzene	11.93	105	1186814	54.464	ug/l	99
86) p-Isopropyltoluene	12.05	119	1135588	56.733	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	587266	51.212	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	595028	51.823	ug/l	97
89) n-Butylbenzene	12.37	91	1012288	55.409	ug/l	98
90) Hexachloroethane	12.58	117	221505	56.246	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	543579	50.357	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90710	43.523	ug/l	97

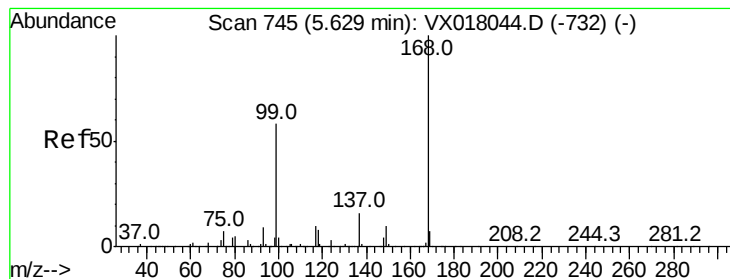
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	366183	50.872	ug/l	97
94) Hexachlorobutadiene	13.77	225	173481	61.103	ug/l	99
95) Naphthalene	13.82	128	1168659	49.333	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	372566	52.382	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

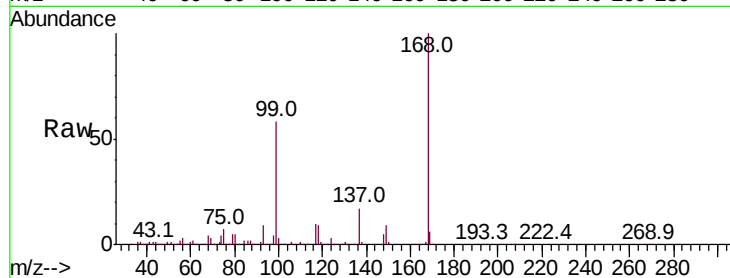
VSTDCCC050

Tot Ion:168 Resp: 459102

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

5.62

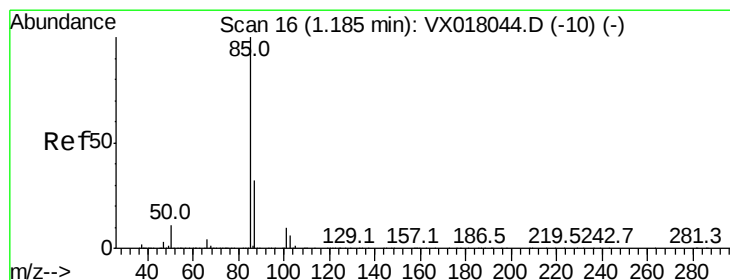
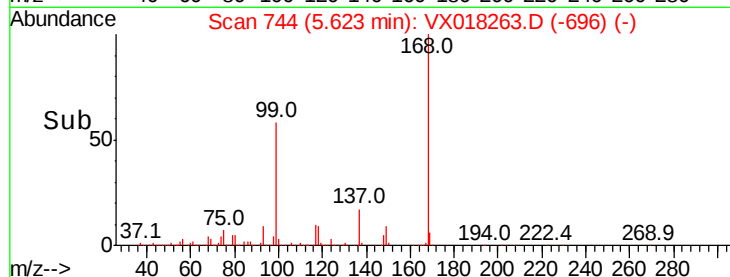
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.570 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018263.D

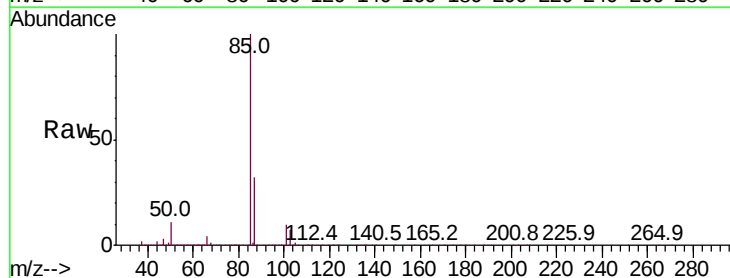
Acq: 08 Sep 2020 10:12

Tgt Ion: 85 Resp: 271492

Ion Ratio Lower Upper

85 100

87 32.1 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

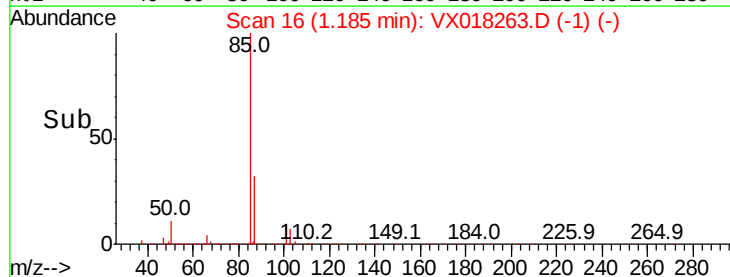
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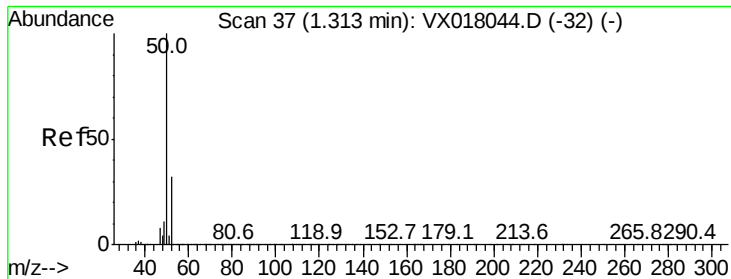
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Time-->

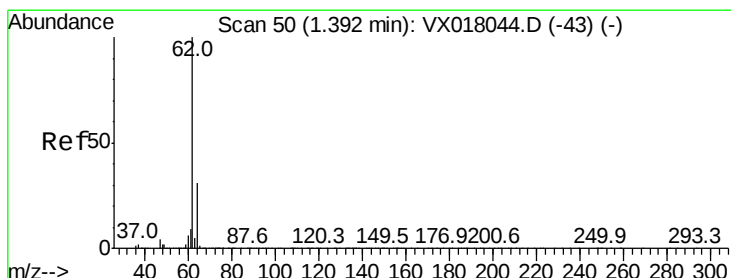
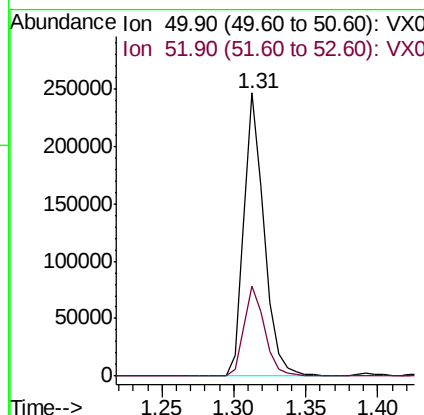
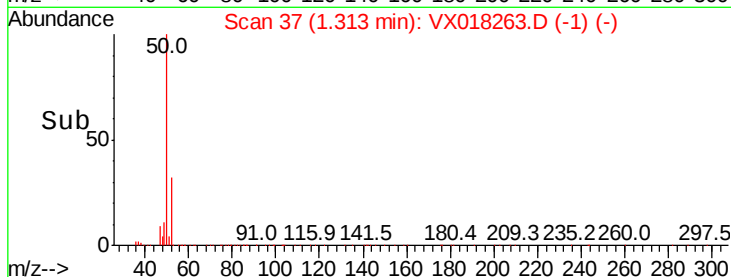
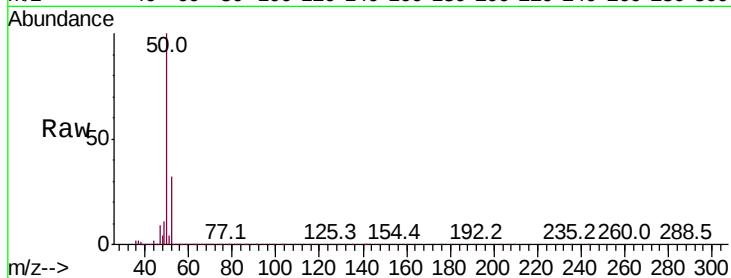




#3
Chloromethane
Concen: 40.675 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

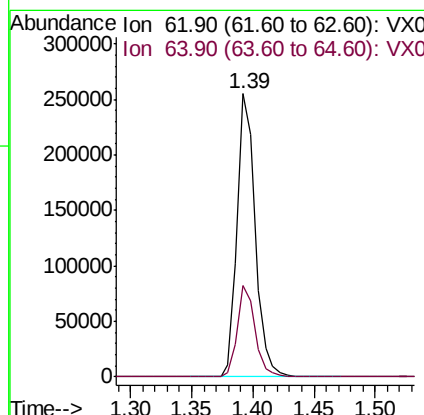
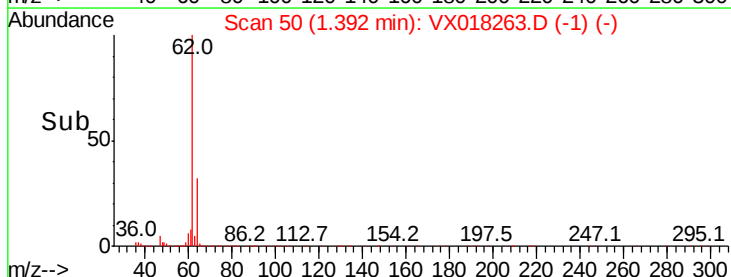
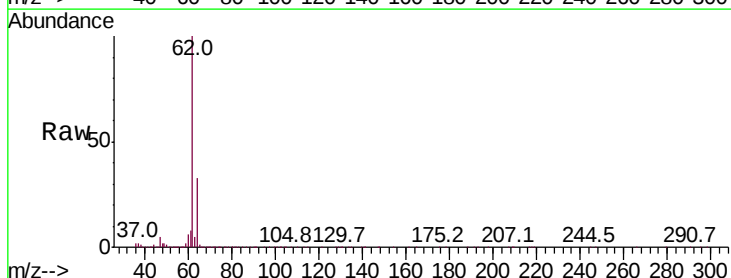
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

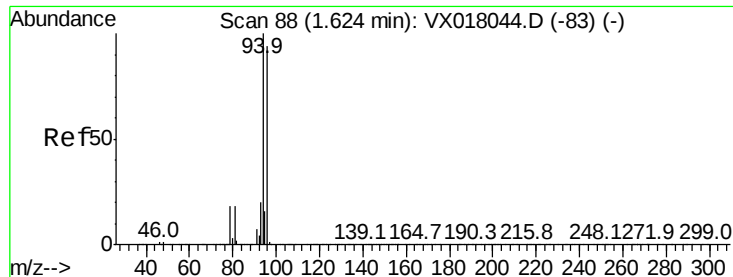
Tot Ion: 50 Resp: 239701
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2



#4
Vinyl Chloride
Concen: 44.200 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion: 62 Resp: 259291
Ion Ratio Lower Upper
62 100
64 32.5 25.1 37.7





#5

Bromomethane

Concen: 50.506 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

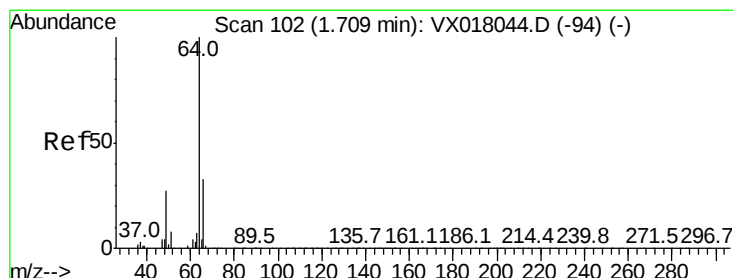
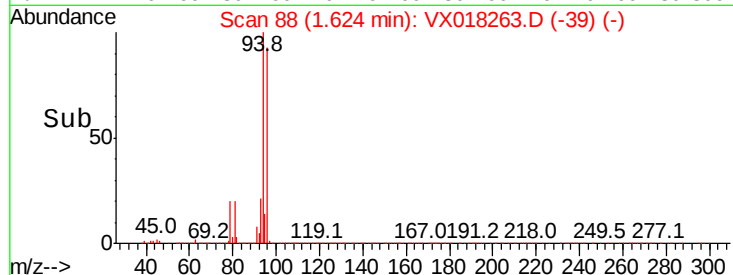
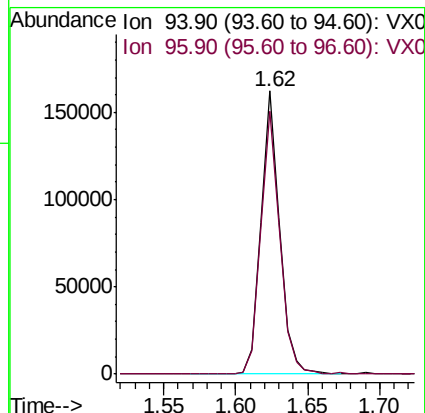
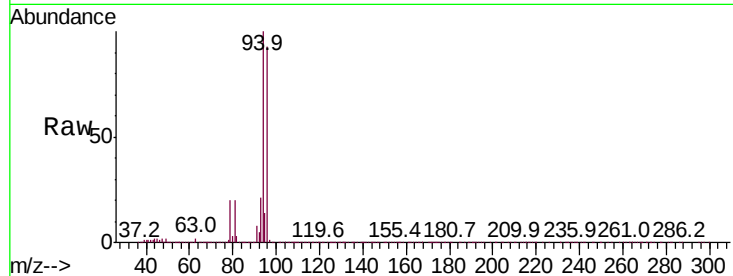
VSTDCCC050

Tot Ion: 94 Resp: 142908

Ion Ratio Lower Upper

94 100

96 92.8 74.8 112.2



#6

Chloroethane

Concen: 49.326 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018263.D

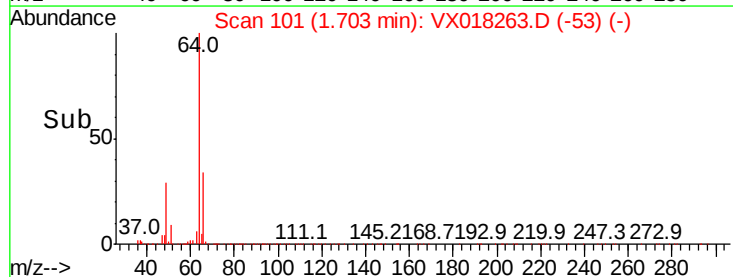
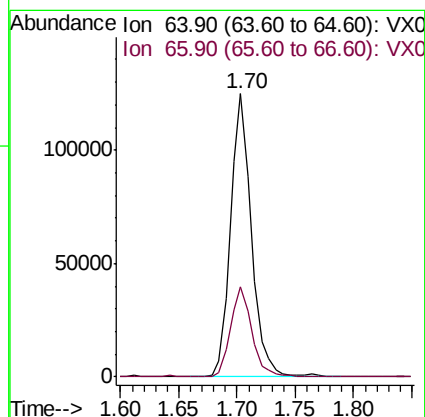
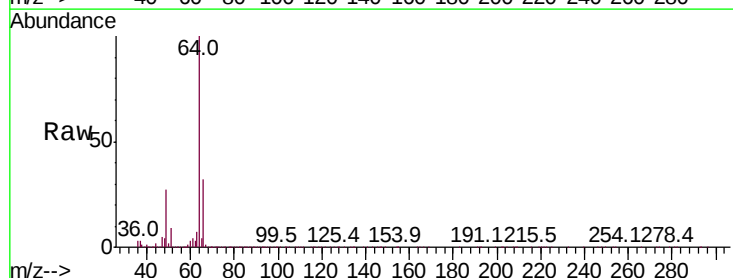
Acq: 08 Sep 2020 10:12

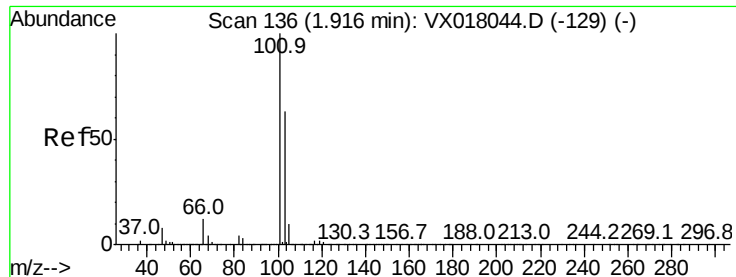
Tgt Ion: 64 Resp: 155415

Ion Ratio Lower Upper

64 100

66 31.7 26.6 39.8



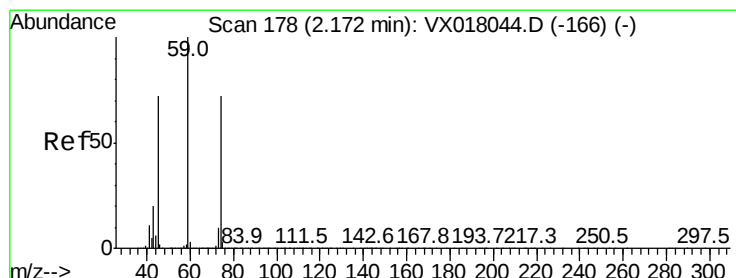
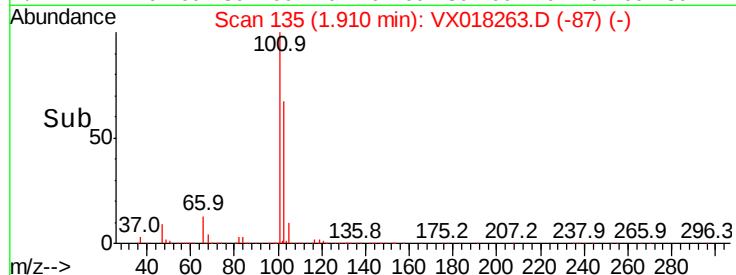
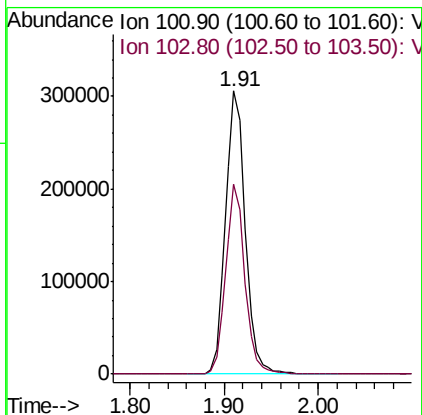
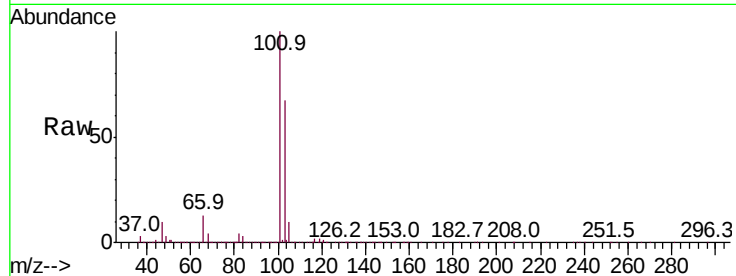


#7

Trichlorofluoromethane
Concen: 55.725 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018263.D
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Instrument :
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VSTDCCC050

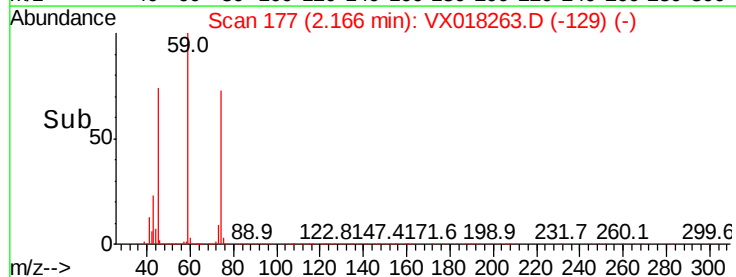
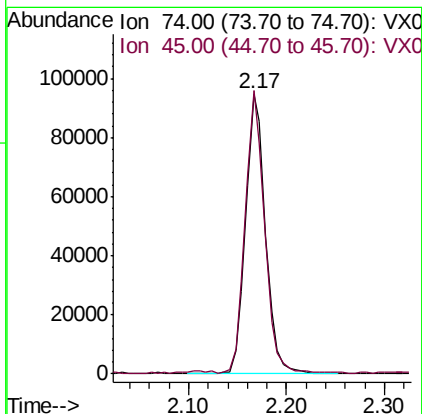
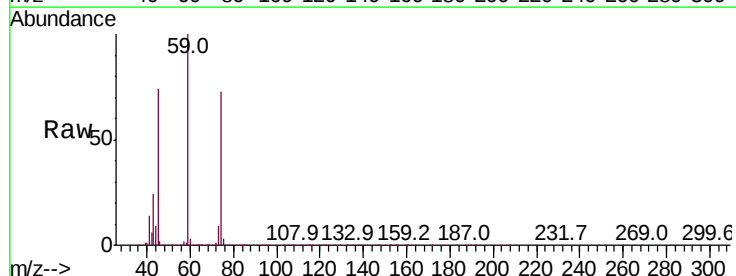
Tot Ion:101 Resp: 445753
Ion Ratio Lower Upper
101 100
103 67.1 50.7 76.1

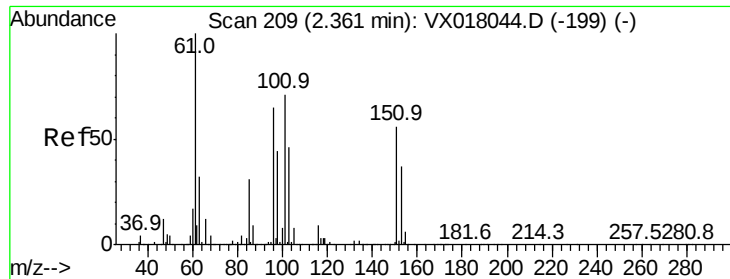


#8

Diethyl Ether
Concen: 49.519 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion: 74 Resp: 134331
Ion Ratio Lower Upper
74 100
45 99.0 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.707 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

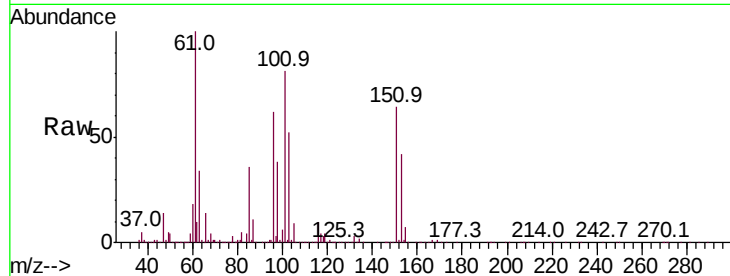
Tot Ion:101 Resp: 223606

Ion Ratio Lower Upper

101 100

85 44.2 34.0 51.0

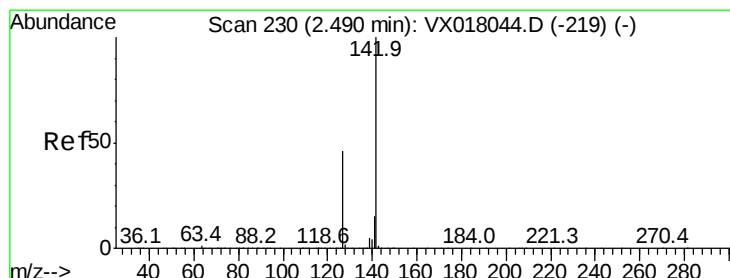
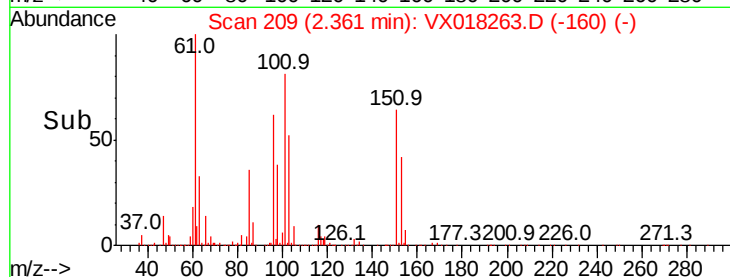
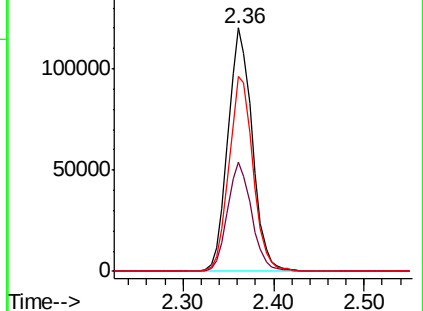
151 79.6 65.2 97.8



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: 42.490 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

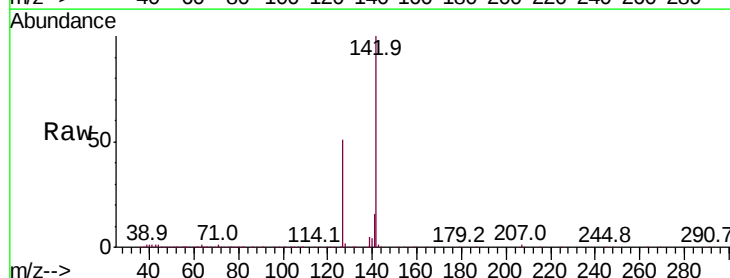
Tgt Ion:142 Resp: 192484

Ion Ratio Lower Upper

142 100

127 50.0 37.0 55.6

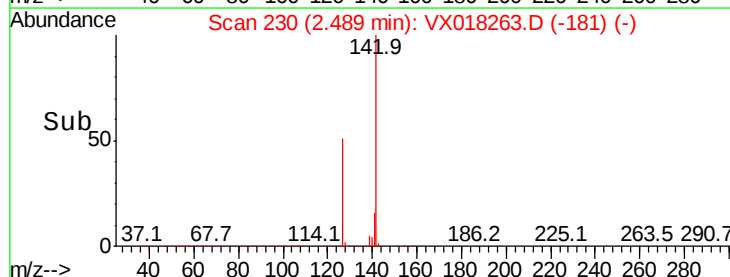
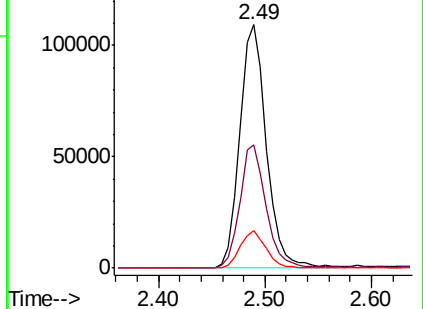
141 14.9 11.5 17.3

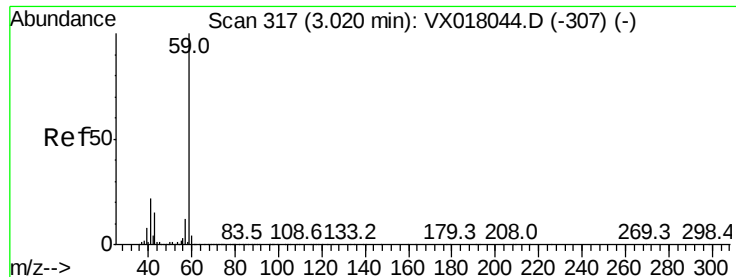


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



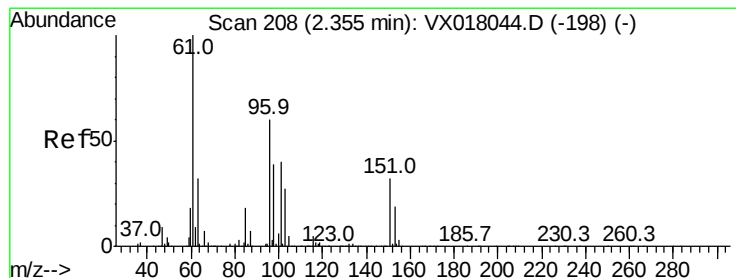
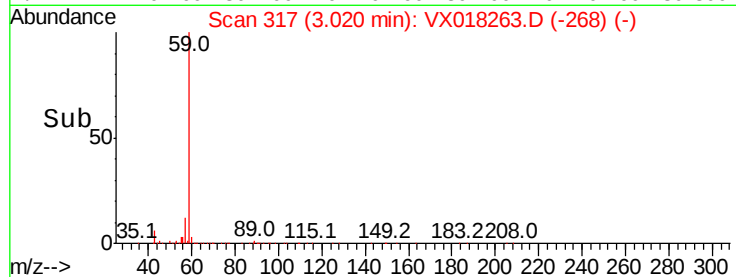
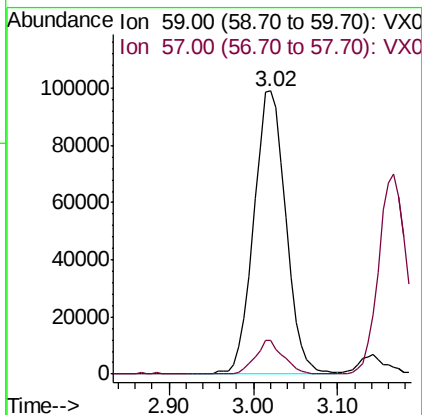
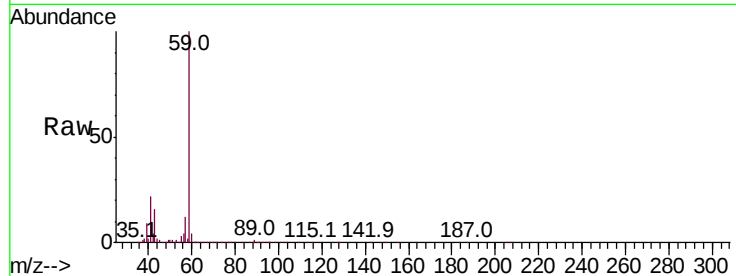


#11

Tert butyl alcohol
 Concen: 208.558 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX018263.D
 Acq: 08 Sep 2020 10:12

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

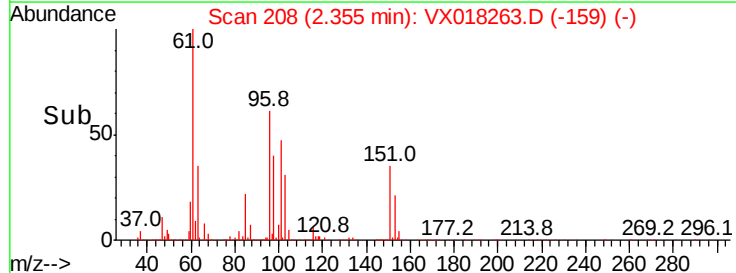
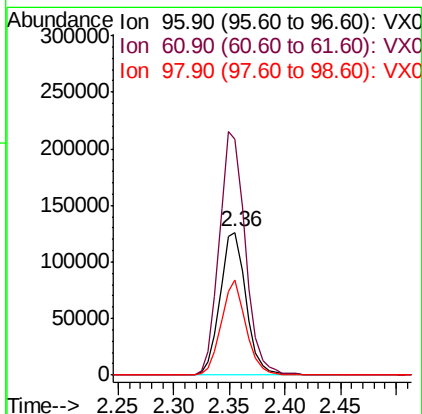
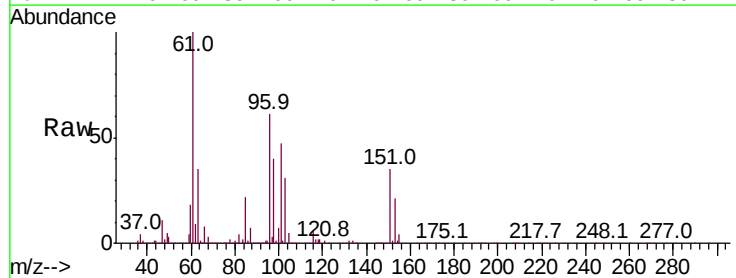
Tot Ion: 59 Resp: 258454
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.9 13.3

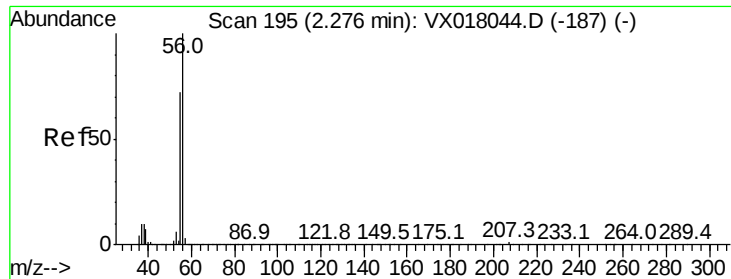


#12

1,1-Dichloroethene
 Concen: 45.610 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018263.D
 Acq: 08 Sep 2020 10:12

Tgt Ion: 96 Resp: 204632
 Ion Ratio Lower Upper
 96 100
 61 164.6 133.0 199.4
 98 66.4 51.6 77.4





#13

Acrolein

Concen: 206.351 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

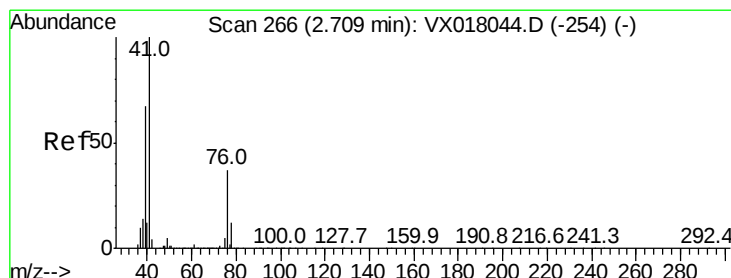
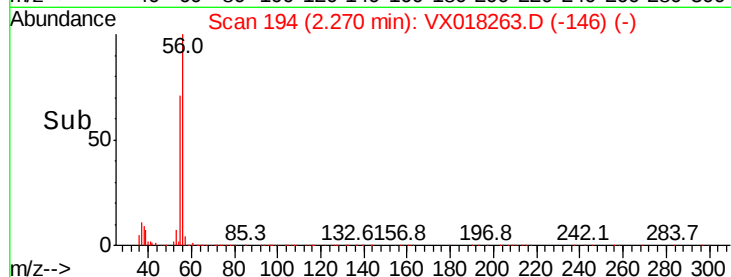
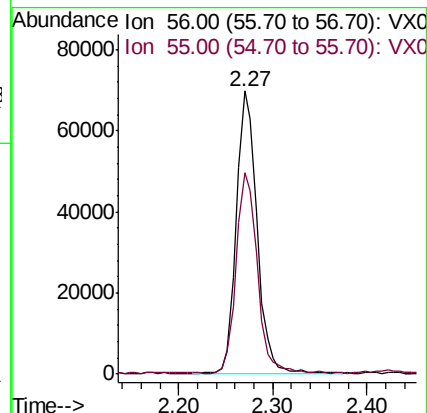
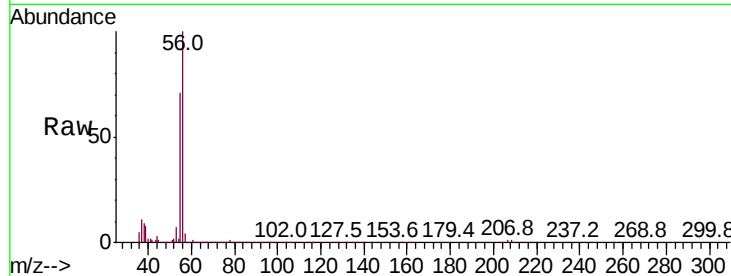
VSTDCCC050

Tot Ion: 56 Resp: 106032

Ion Ratio Lower Upper

56 100

55 72.4 57.0 85.6



#14

Allyl chloride

Concen: 46.554 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

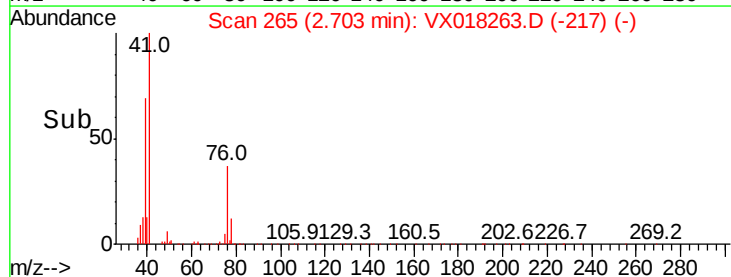
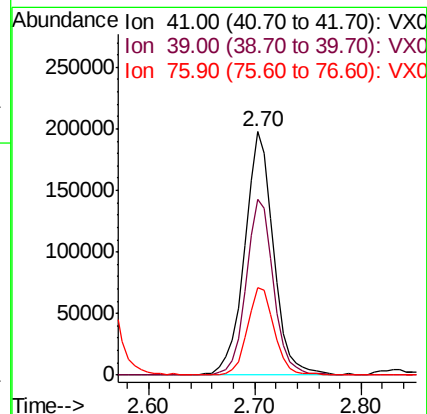
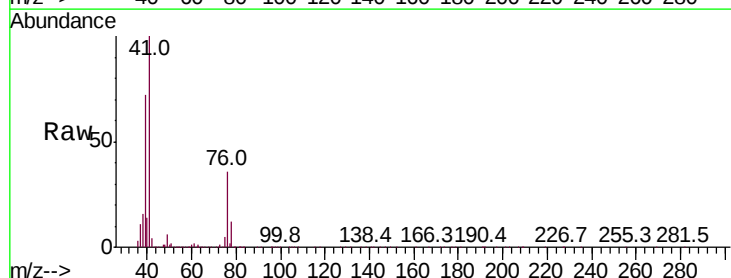
Tgt Ion: 41 Resp: 375256

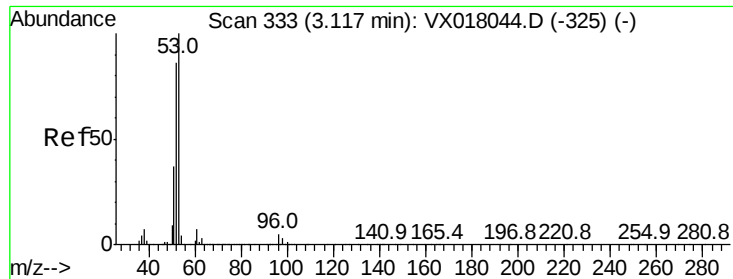
Ion Ratio Lower Upper

41 100

39 68.2 50.6 76.0

76 33.2 26.2 39.2





#15

Acrylonitrile

Concen: 212.174 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

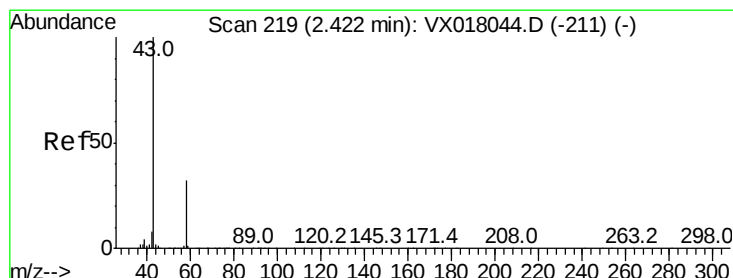
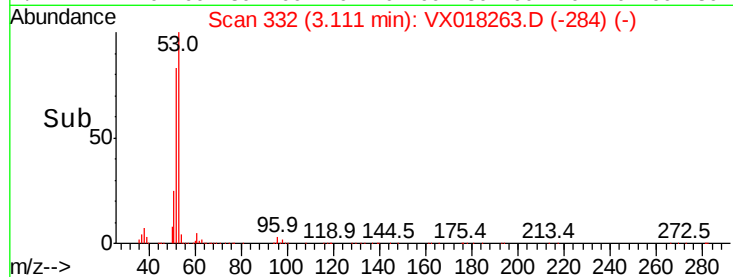
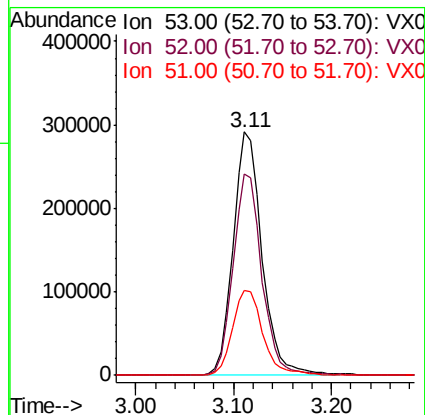
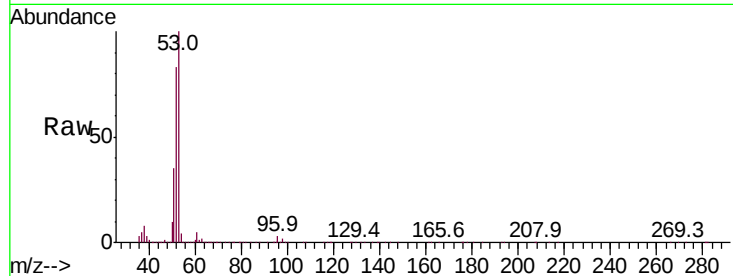
Tot Ion: 53 Resp: 596438

Ion Ratio Lower Upper

53 100

52 82.5 66.9 100.3

51 37.1 28.7 43.1



#16

Acetone

Concen: 234.503 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018263.D

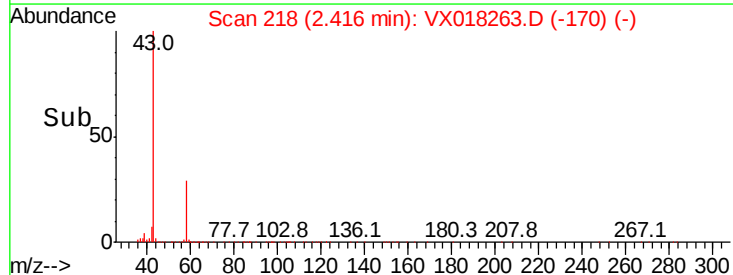
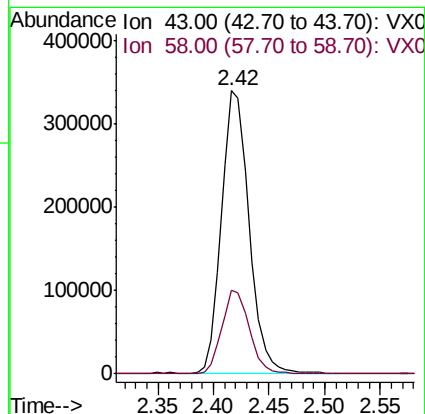
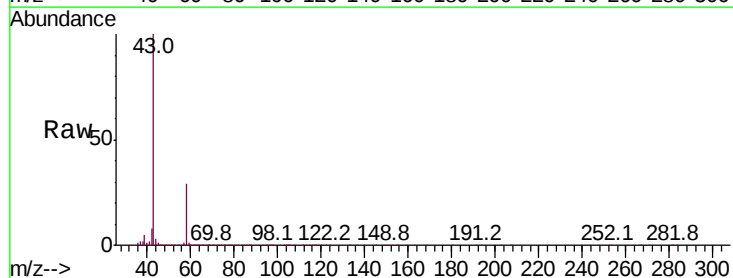
Acq: 08 Sep 2020 10:12

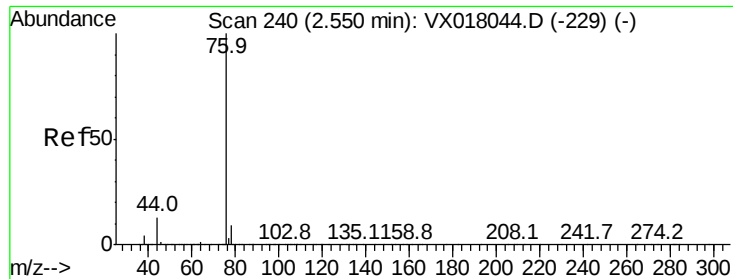
Tgt Ion: 43 Resp: 582391

Ion Ratio Lower Upper

43 100

58 29.3 25.5 38.3

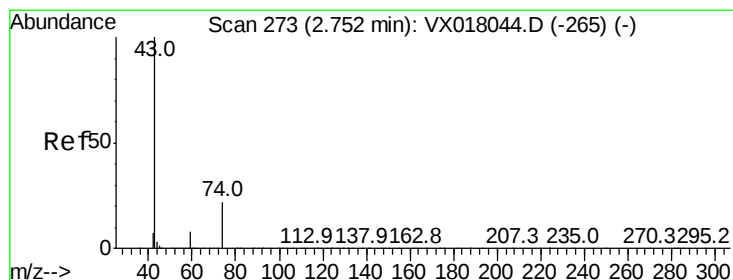
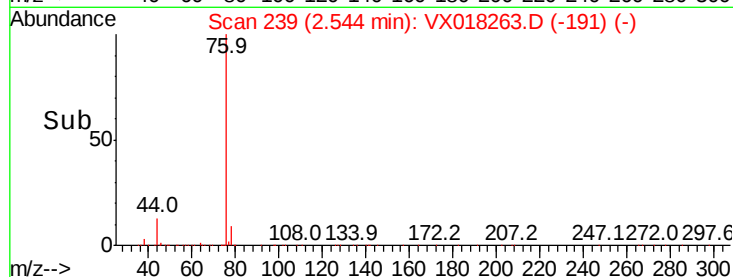
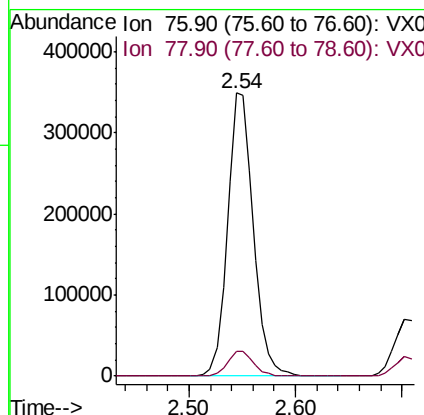
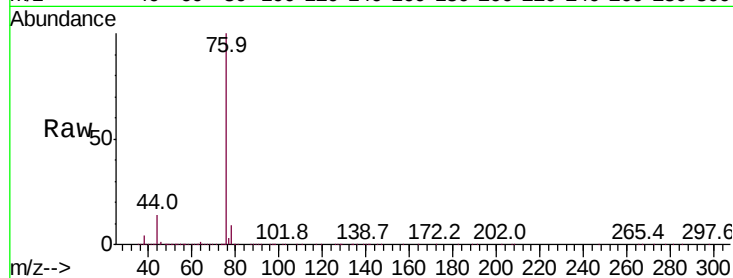




#17
Carbon Disulfide
Concen: 43.451 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

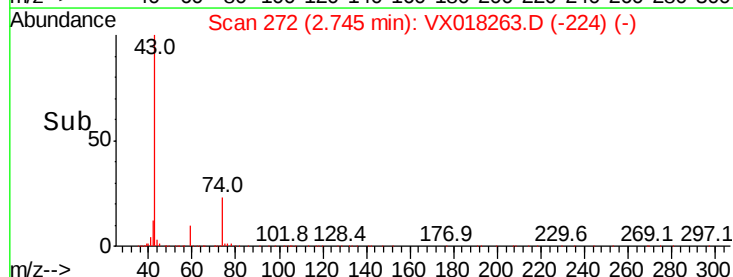
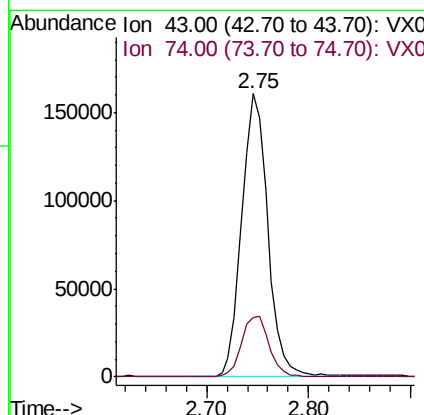
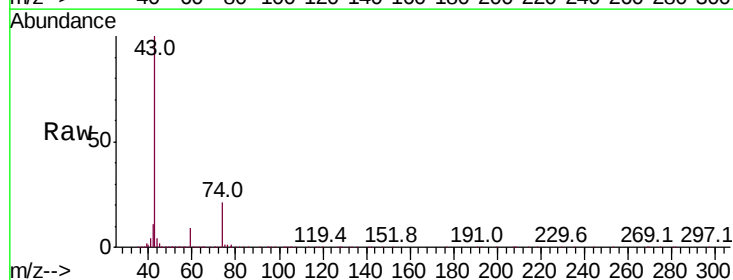
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

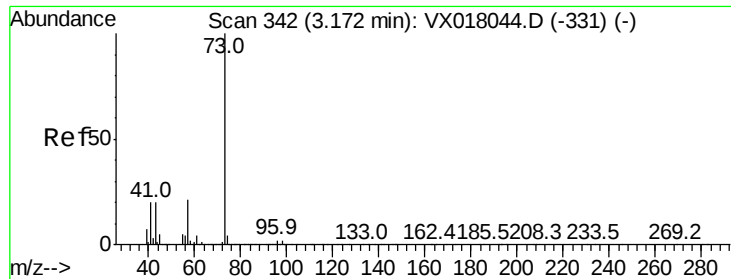
Tot Ion: 76 Resp: 589319
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 47.359 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion: 43 Resp: 283820
Ion Ratio Lower Upper
43 100
74 23.3 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 49.648 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.01 min

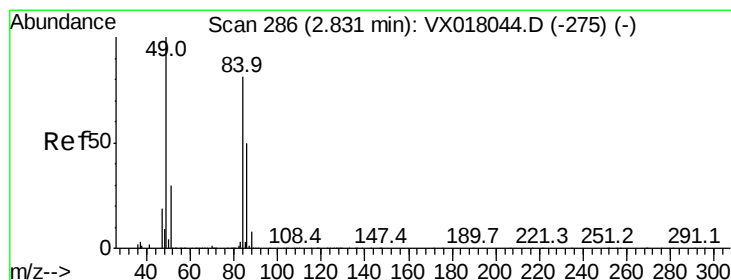
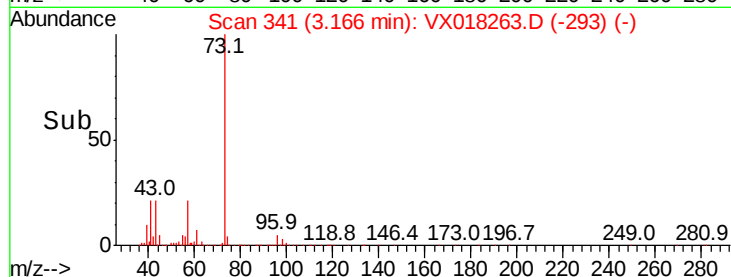
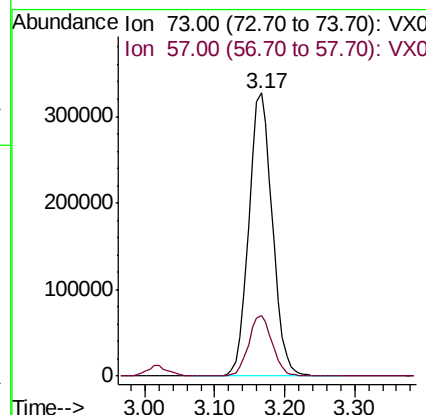
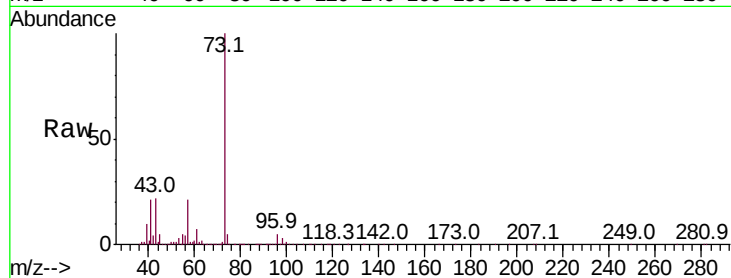
Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 763915

Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.8	25.2



#20

Methylene Chloride

Concen: 46.726 ug/l

RT: 2.83 min Scan# 286

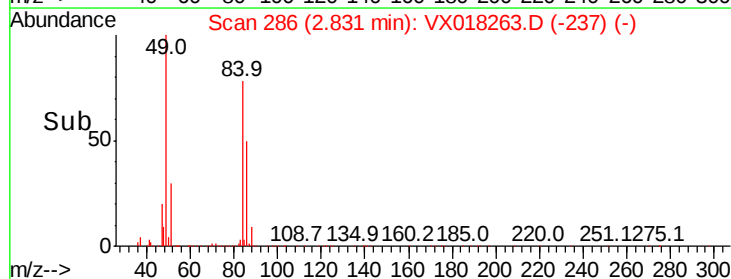
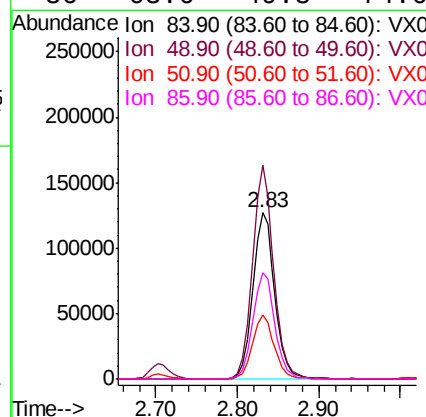
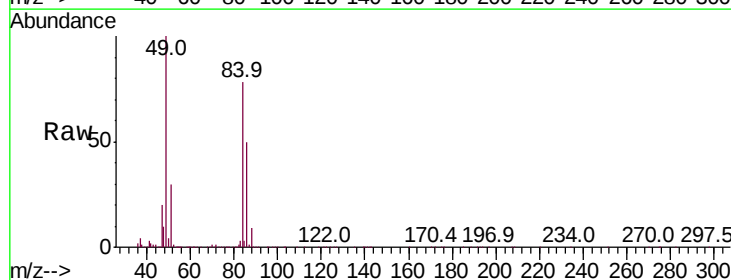
Delta R.T. 0.00 min

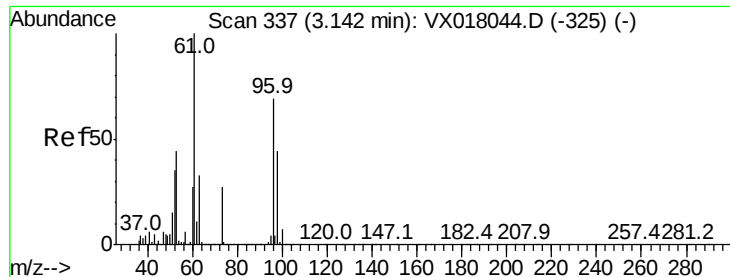
Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Tgt Ion: 84 Resp: 237665

Ion	Ratio	Lower	Upper
84	100		
49	128.3	98.6	148.0
51	38.7	29.6	44.4
86	63.6	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 47.388 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

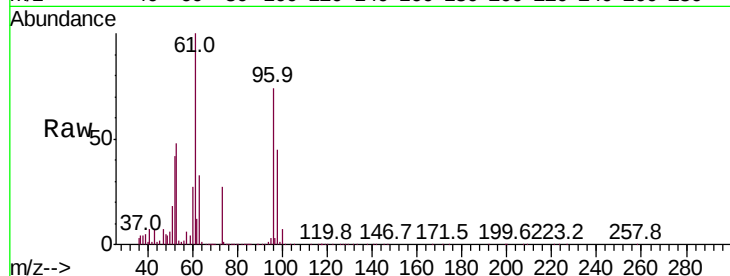
Tot Ion: 96 Resp: 235554

Ion Ratio Lower Upper

96 100

61 135.9 115.4 173.0

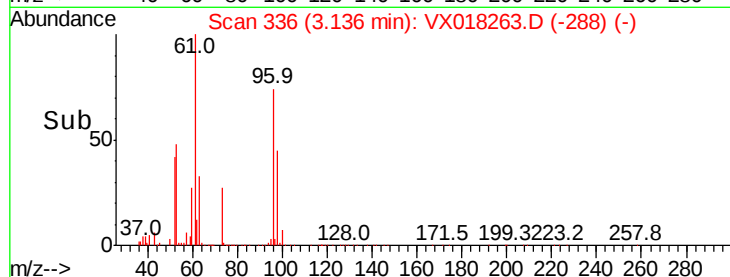
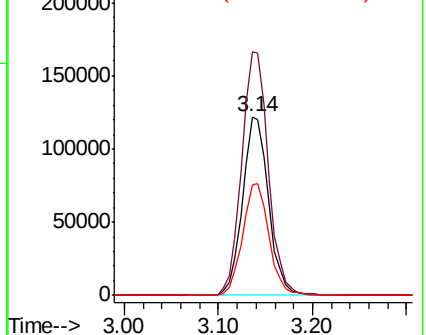
98 61.7 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.081 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Tgt Ion: 45 Resp: 749029

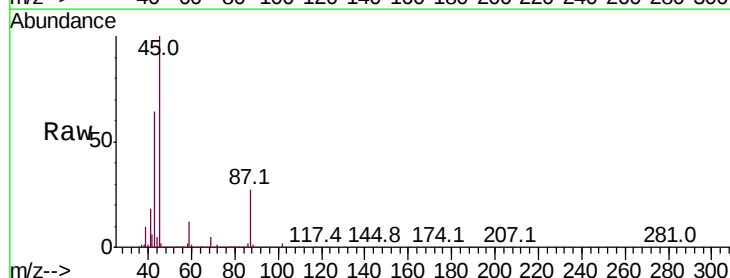
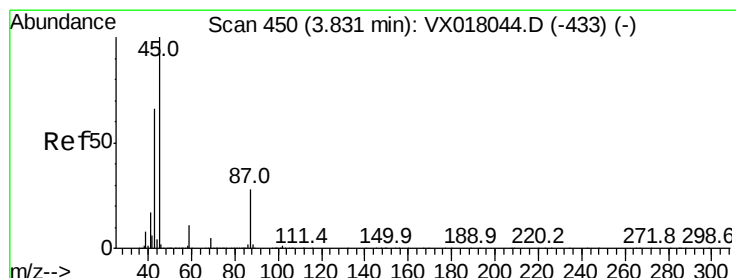
Ion Ratio Lower Upper

45 100

43 64.1 52.8 79.2

87 27.2 22.5 33.7

59 11.6 9.0 13.6

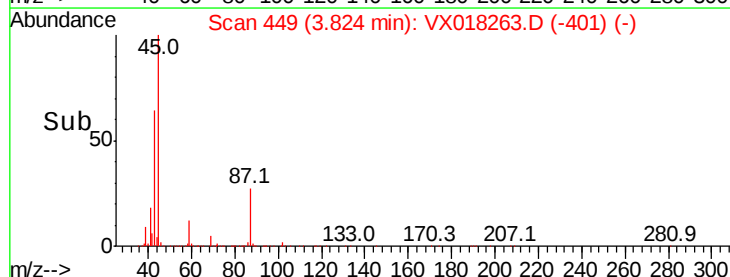
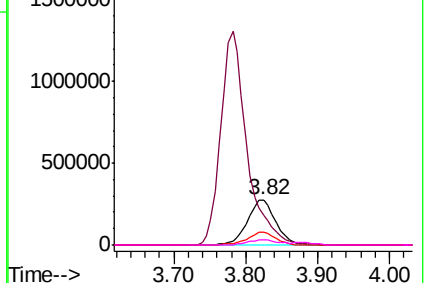


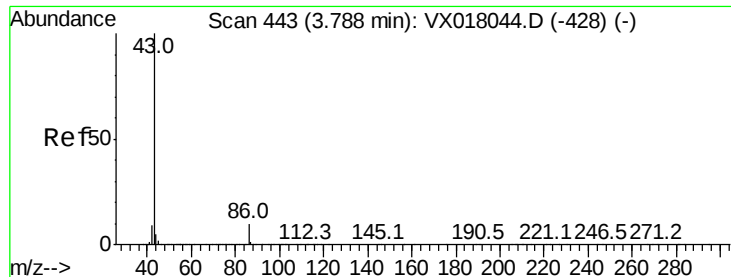
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 233.603 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

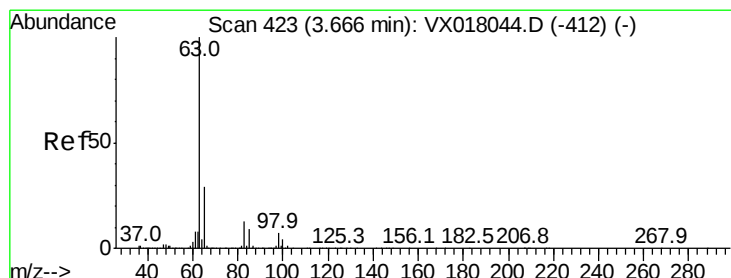
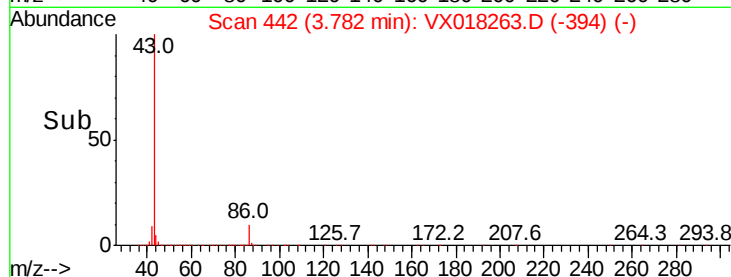
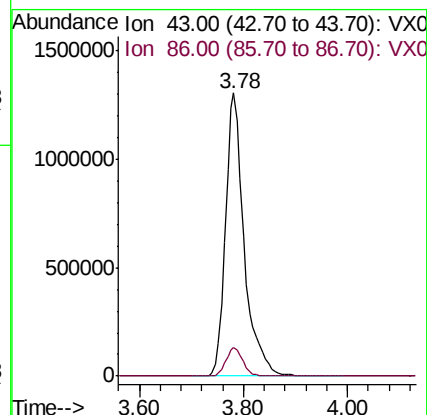
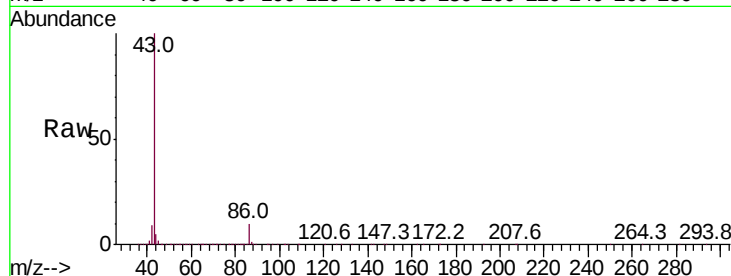
VSTDCCC050

Tot Ion: 43 Resp: 3306953

Ion Ratio Lower Upper

43 100

86 10.2 7.9 11.9



#24

1,1-Dichloroethane

Concen: 47.200 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

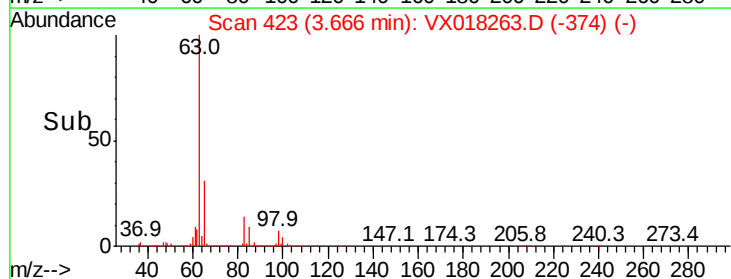
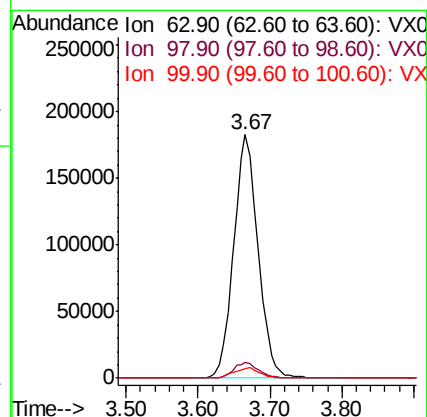
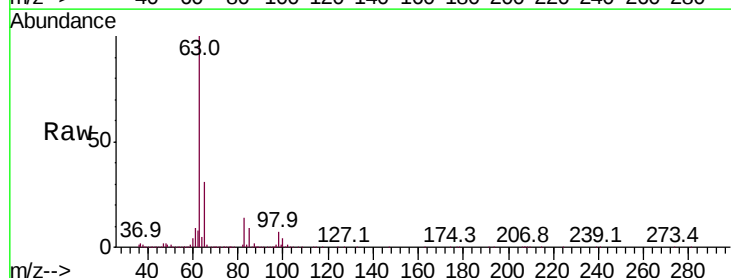
Tgt Ion: 63 Resp: 427461

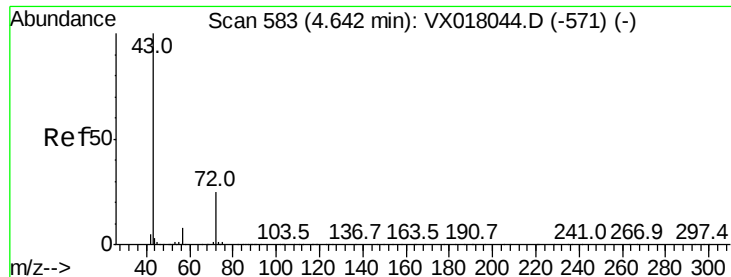
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 210.570 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

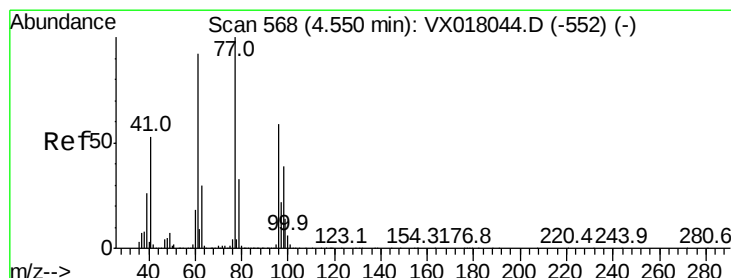
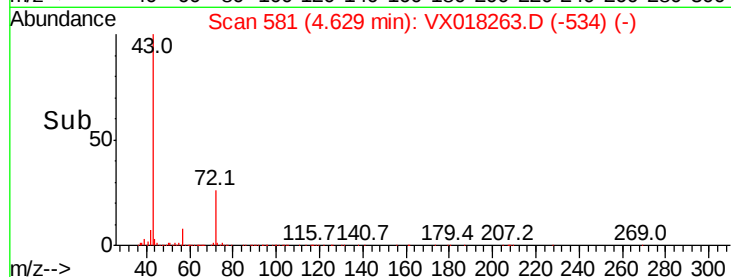
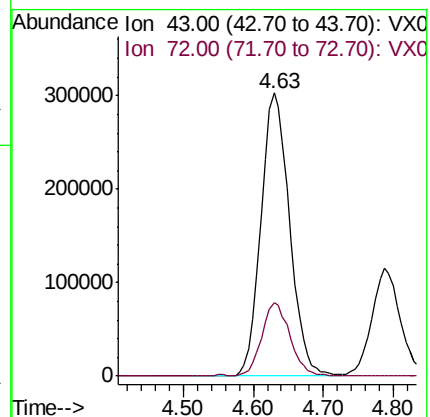
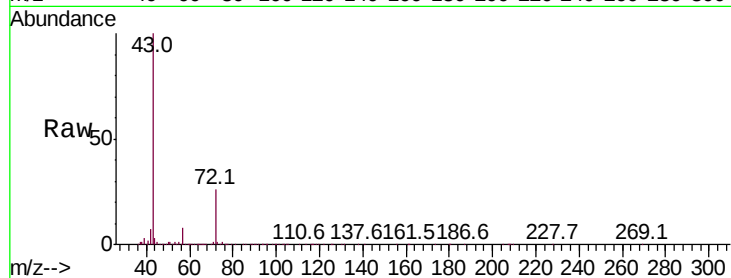
VSTDCCC050

Tot Ion: 43 Resp: 859453

Ion Ratio Lower Upper

43 100

72 26.0 19.8 29.6



#26

2,2-Dichloropropane

Concen: 57.430 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018263.D

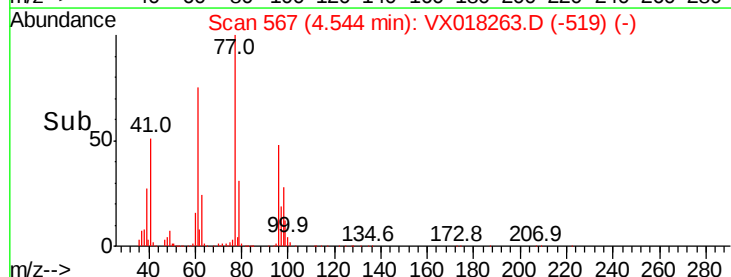
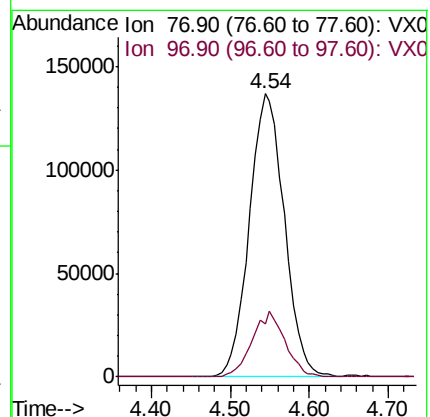
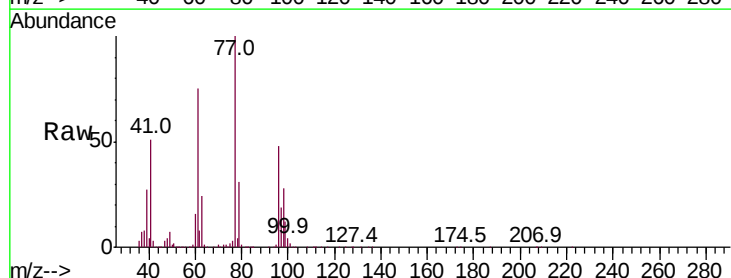
Acq: 08 Sep 2020 10:12

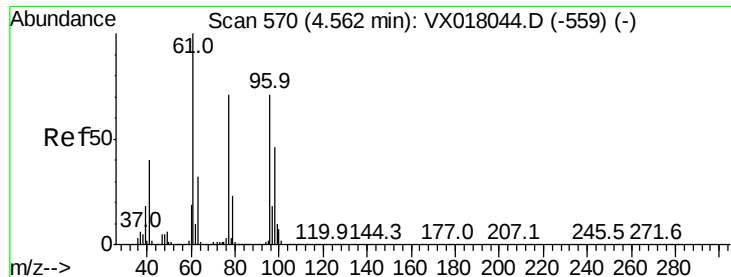
Tgt Ion: 77 Resp: 423176

Ion Ratio Lower Upper

77 100

97 21.8 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 45.215 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

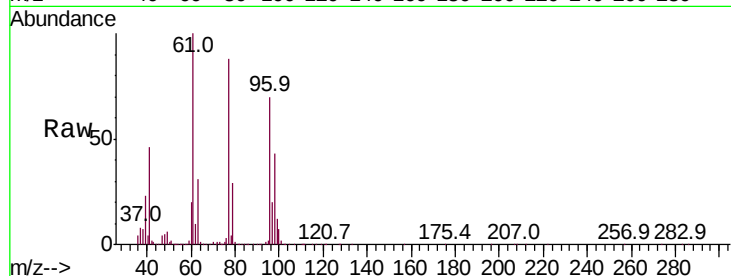
Tot Ion: 96 Resp: 258953

Ion Ratio Lower Upper

96 100

61 149.3 0.0 296.6

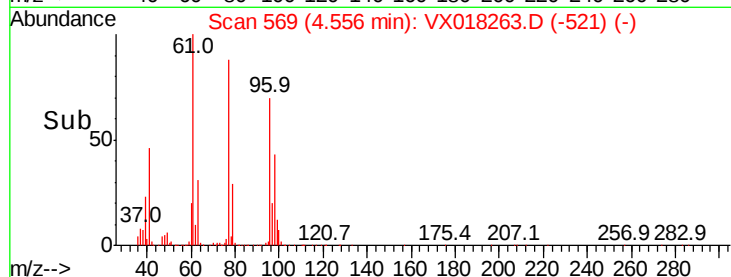
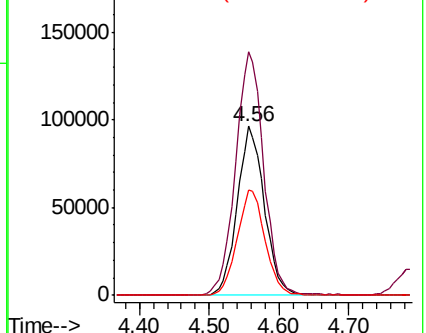
98 63.9 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 42.977 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

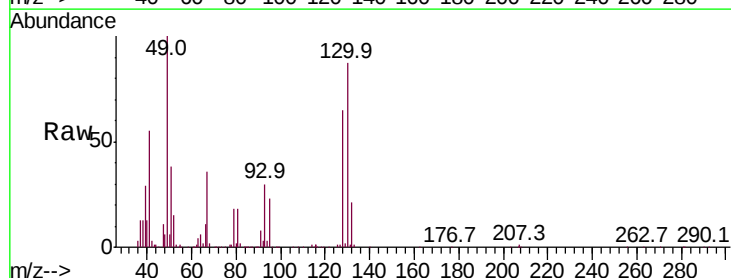
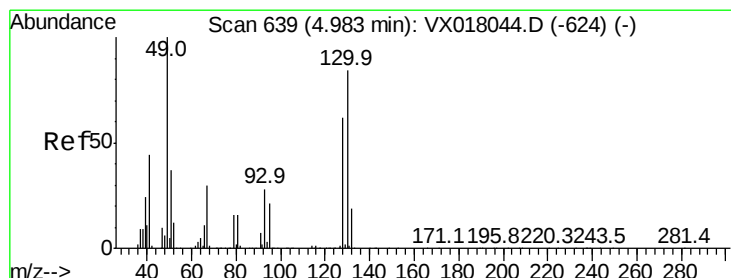
Tgt Ion: 49 Resp: 187872

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

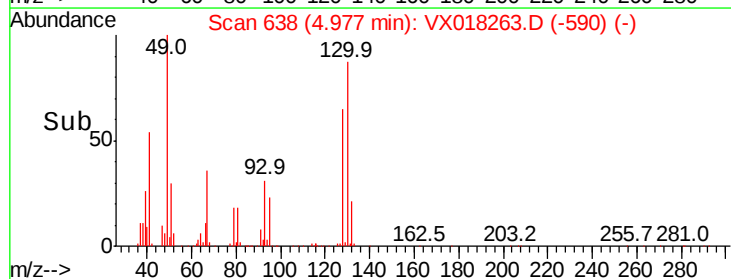
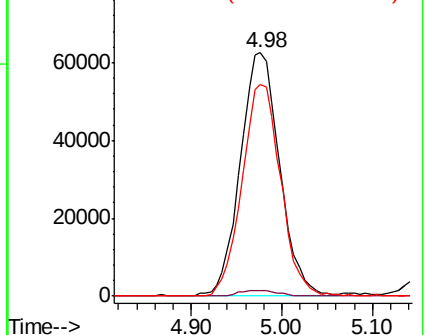
130 85.7 64.6 96.8

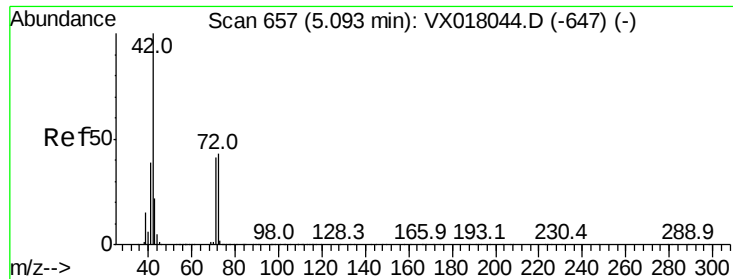


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 200.956 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

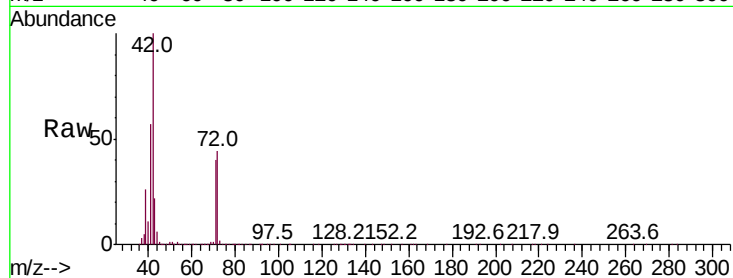
Tot Ion: 42 Resp: 522131

Ion Ratio Lower Upper

42 100

72 45.2 34.2 51.4

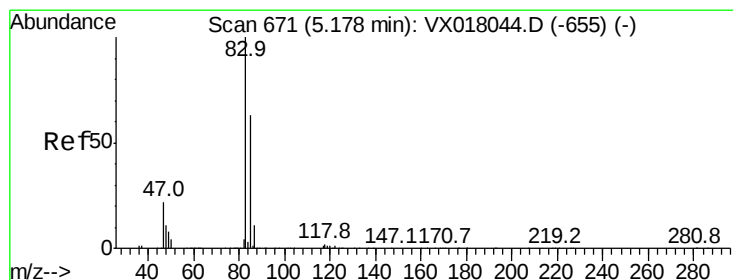
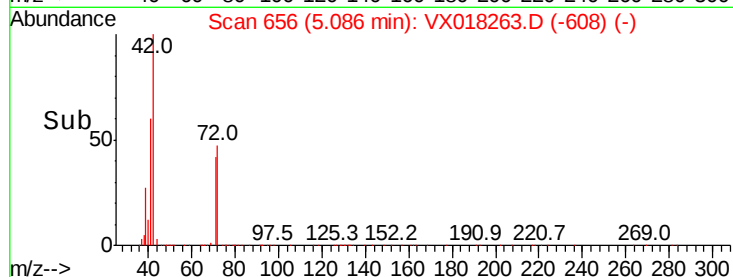
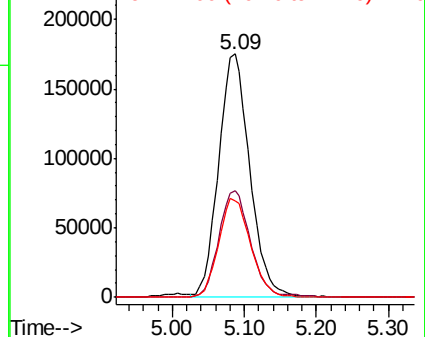
71 42.2 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.108 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018263.D

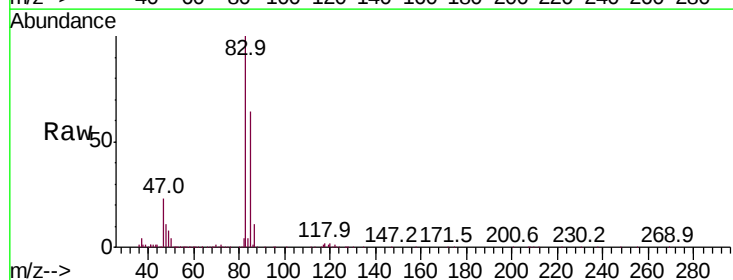
Acq: 08 Sep 2020 10:12

Tgt Ion: 83 Resp: 460506

Ion Ratio Lower Upper

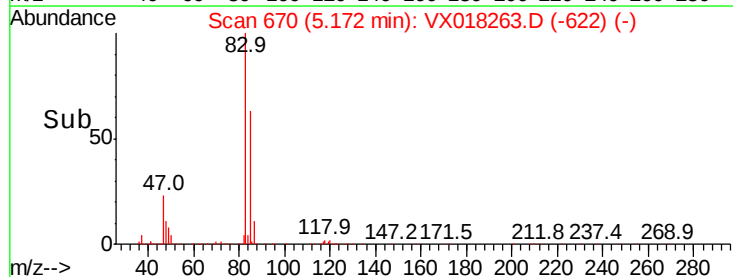
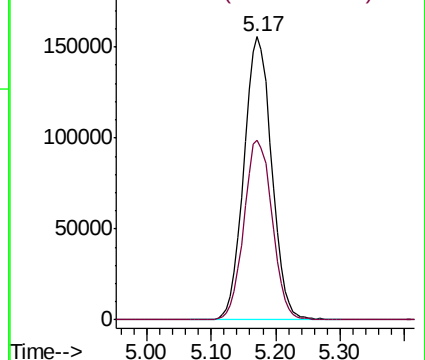
83 100

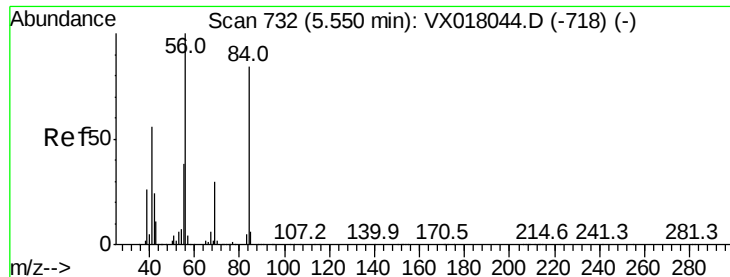
85 63.5 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

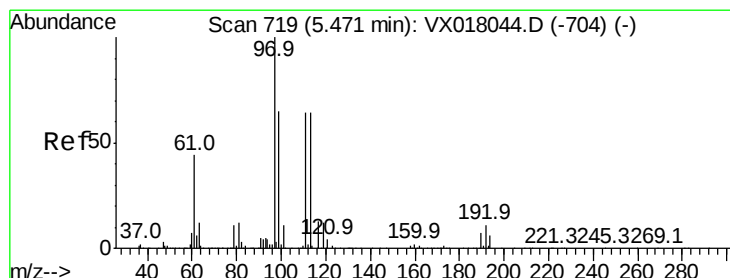
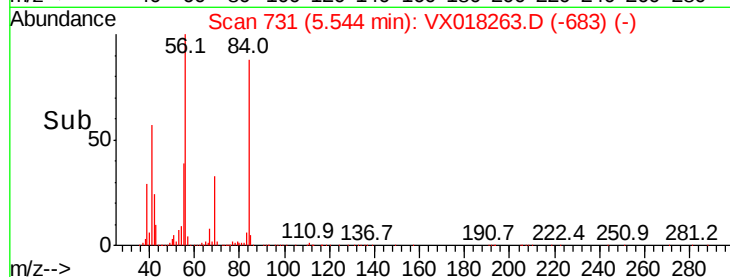
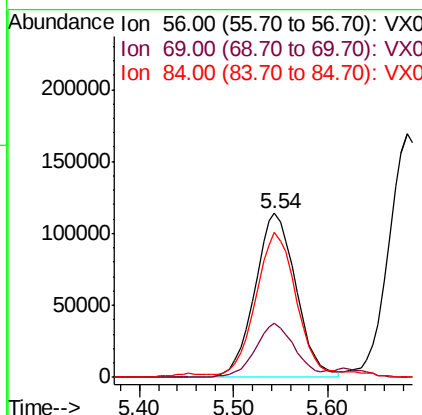
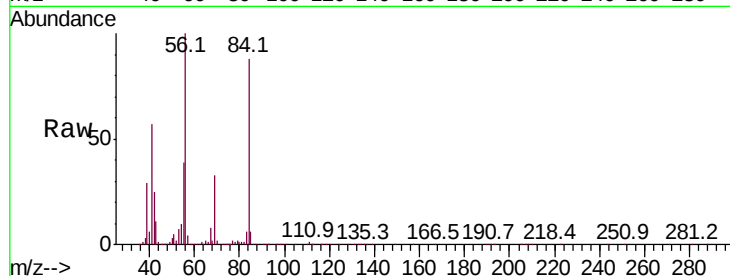




#31
Cyclohexane
Concen: 45.595 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

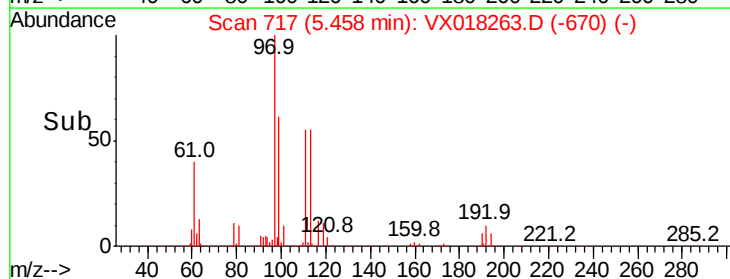
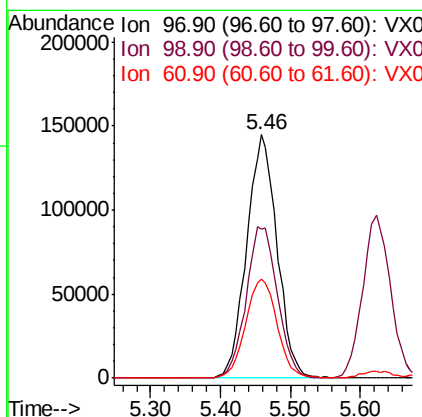
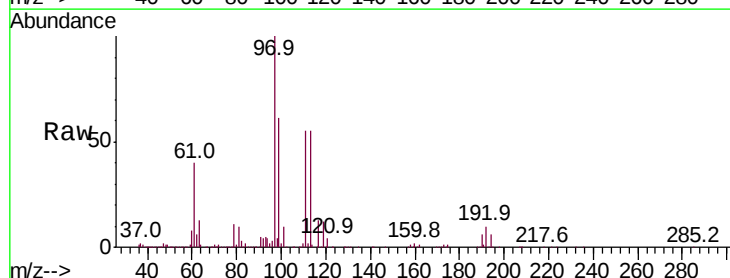
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

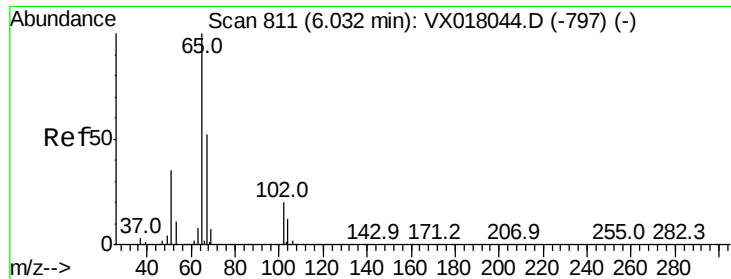
Tot Ion: 56 Resp: 347832
Ion Ratio Lower Upper
56 100
69 33.0 23.9 35.9
84 85.9 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 50.654 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion: 97 Resp: 435904
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 42.3 34.2 51.4

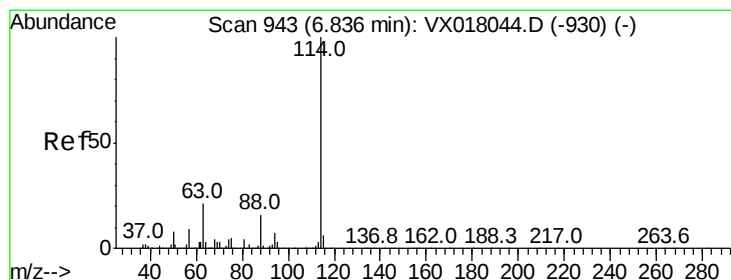
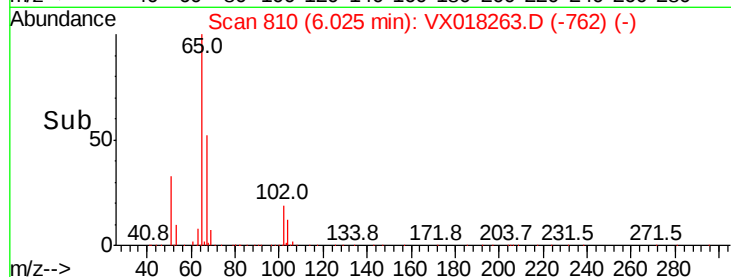
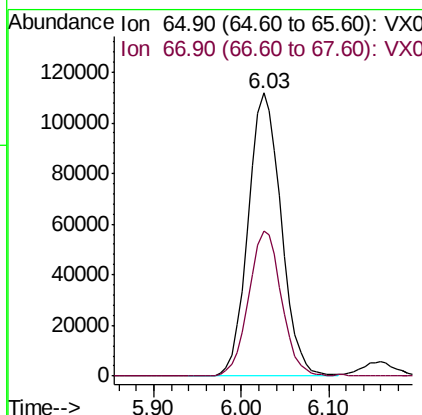
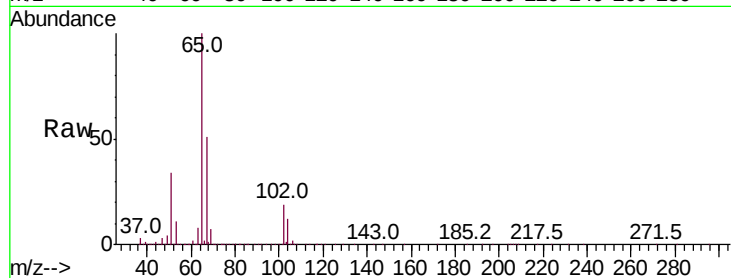




#33
 1,2-Dichloroethane-d4
 Concen: 46.065 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX018263.D
 Acq: 08 Sep 2020 10:12

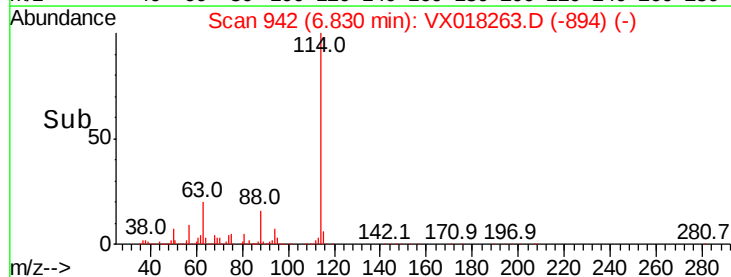
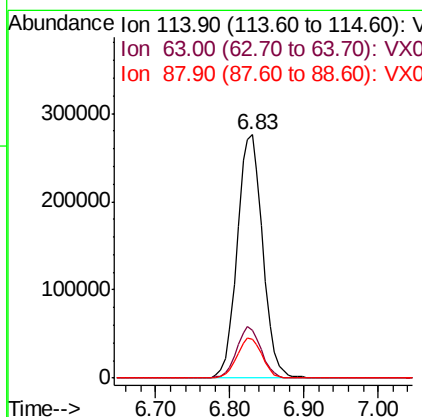
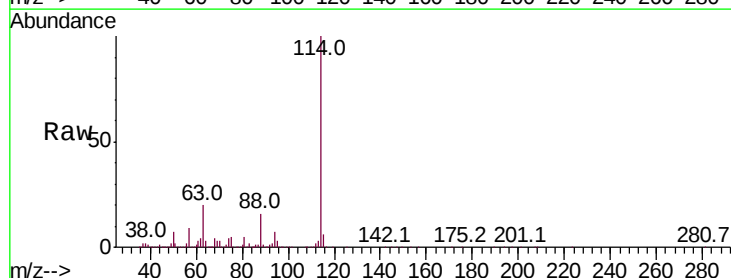
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

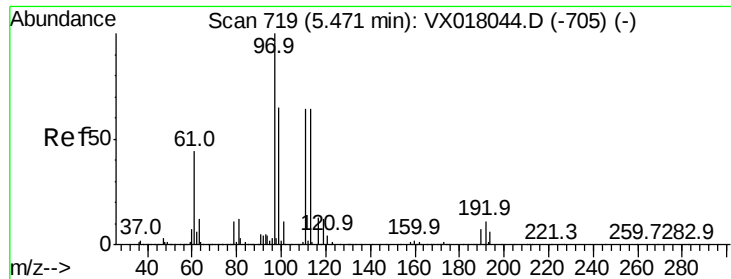
Tot Ion: 65 Resp: 293596
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018263.D
 Acq: 08 Sep 2020 10:12

Tgt Ion: 114 Resp: 661796
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.6
 88 15.8 0.0 31.8

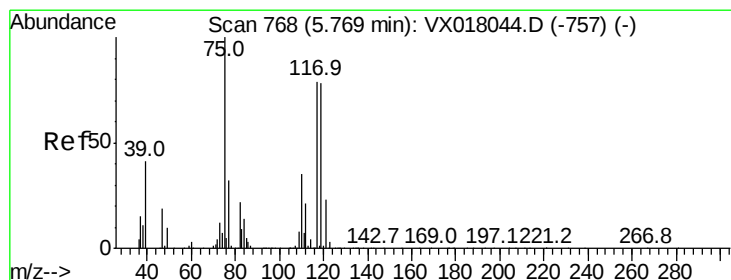
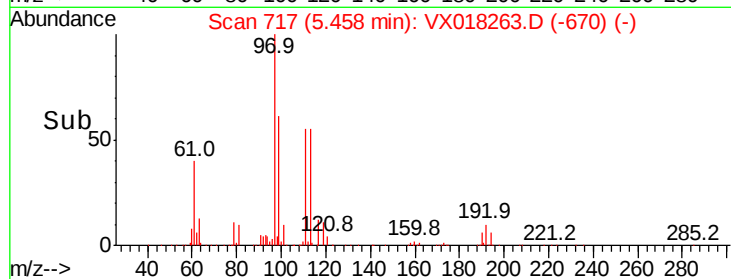
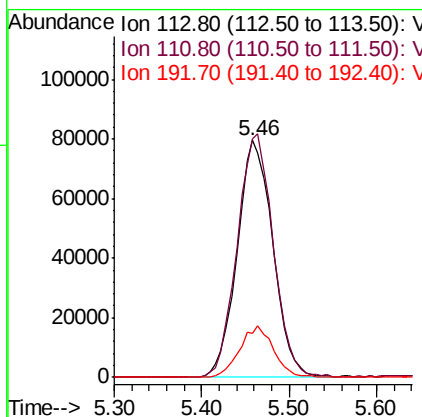
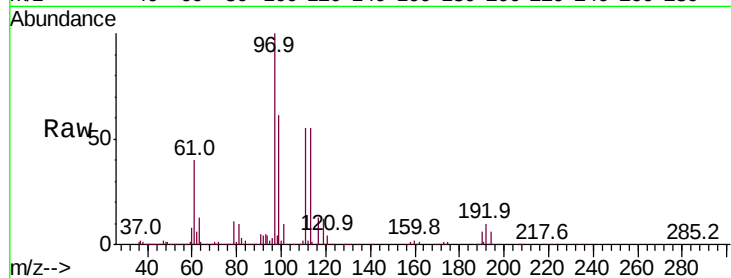




#35
Dibromofluoromethane
Concen: 50.194 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

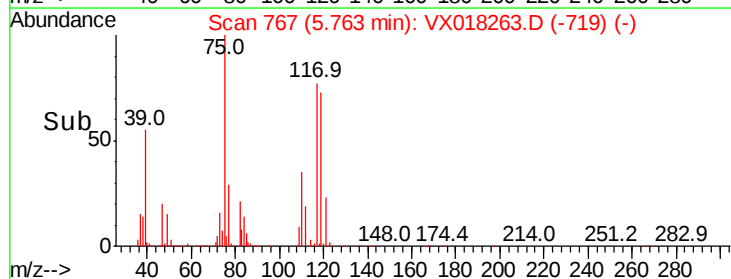
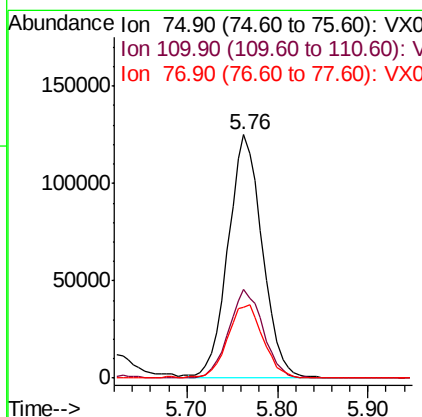
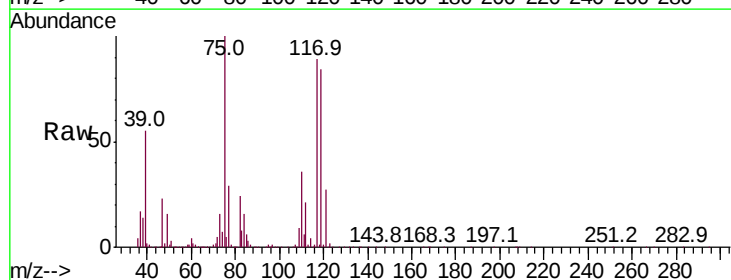
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

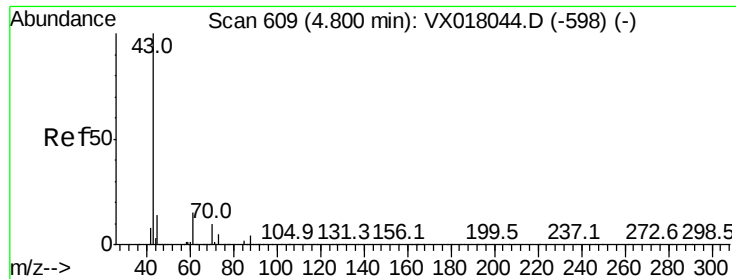
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.6	122.4
192	20.5	15.8	23.8



#36
1,1-Dichloropropene
Concen: 53.237 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.0	54.0
77	31.5	24.4	36.6





#37

Ethyl Acetate

Concen: 46.019 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.01 min

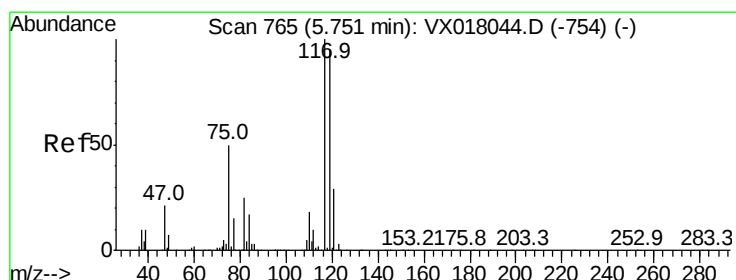
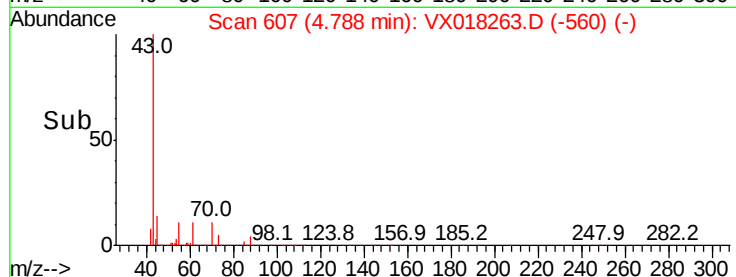
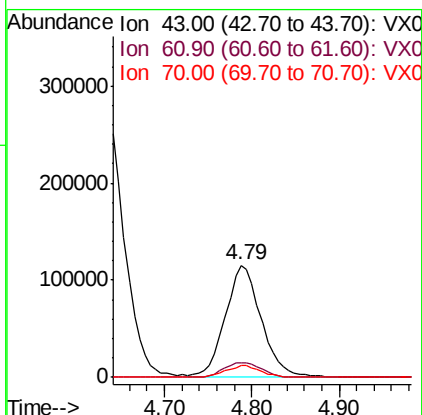
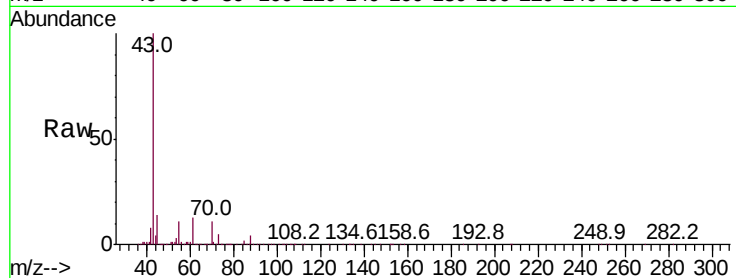
Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 326255

Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.3	16.9
70	10.6	8.2	12.4



#38

Carbon Tetrachloride

Concen: 58.898 ug/l

RT: 5.75 min Scan# 765

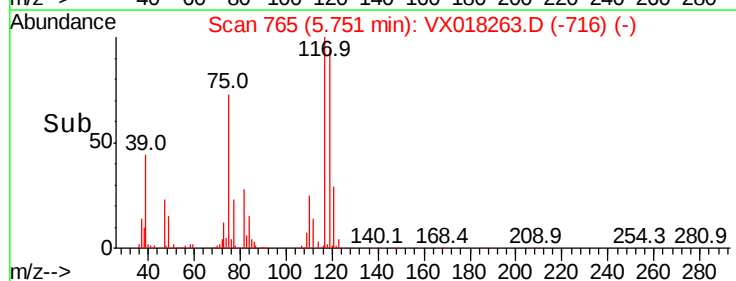
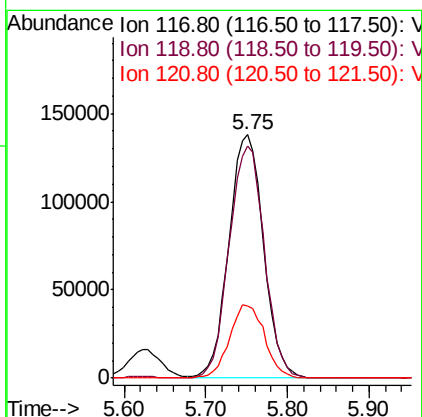
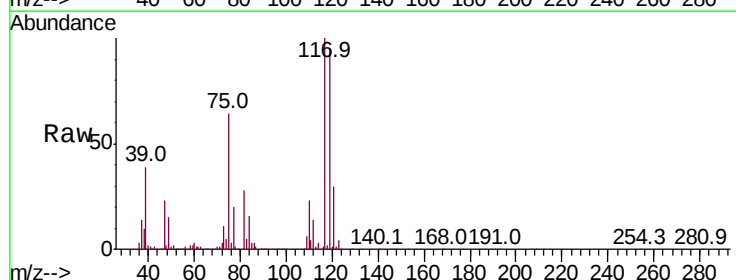
Delta R.T. -0.00 min

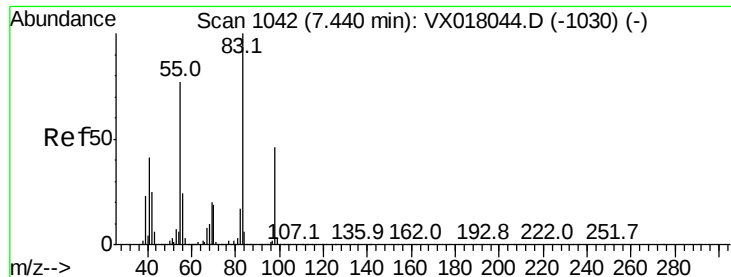
Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Tgt Ion: 117 Resp: 405158

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.8	113.6
121	29.7	23.4	35.0

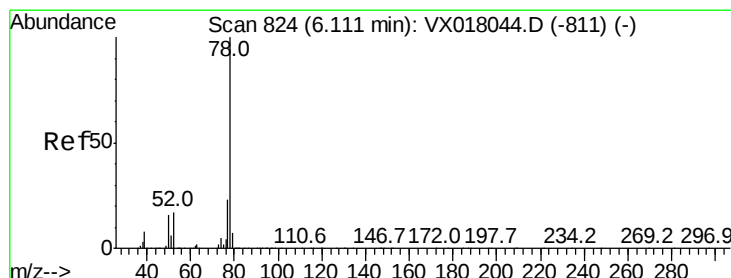
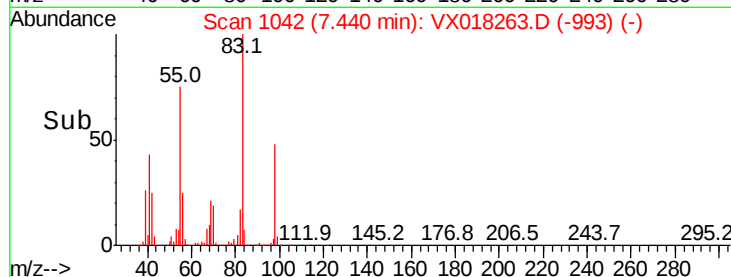
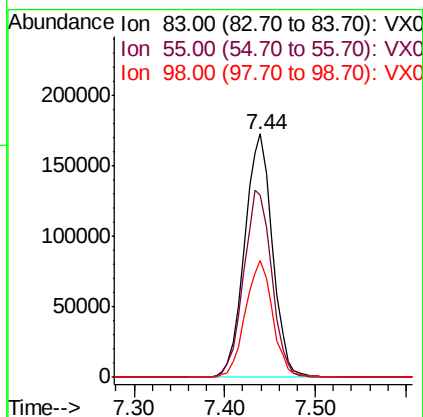
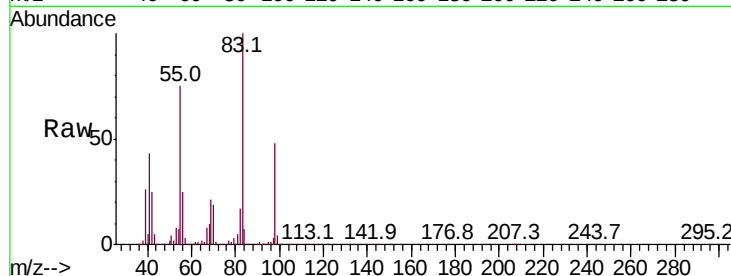




#39
Methvlcvclohexane
Concen: 54.880 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

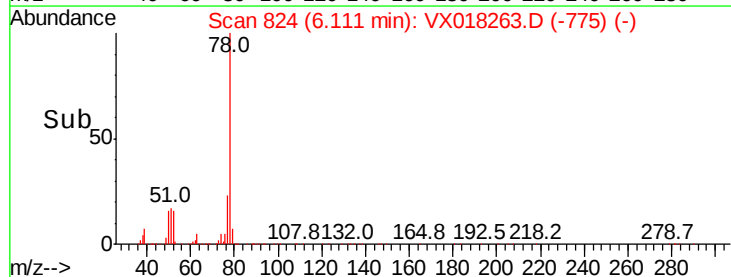
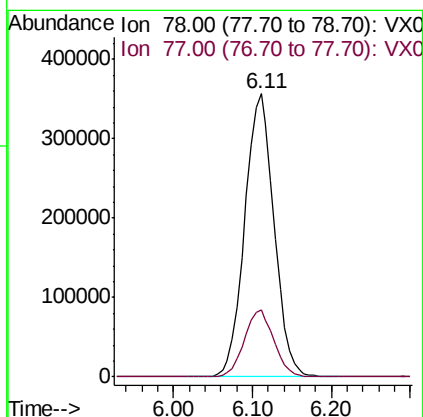
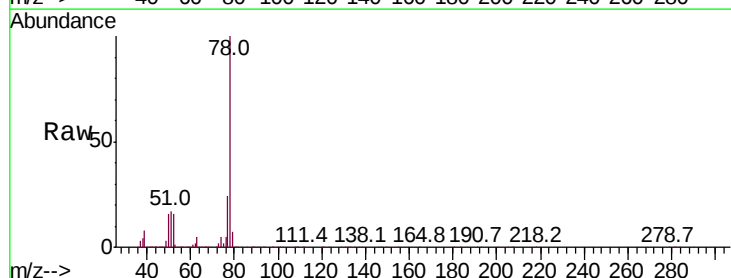
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

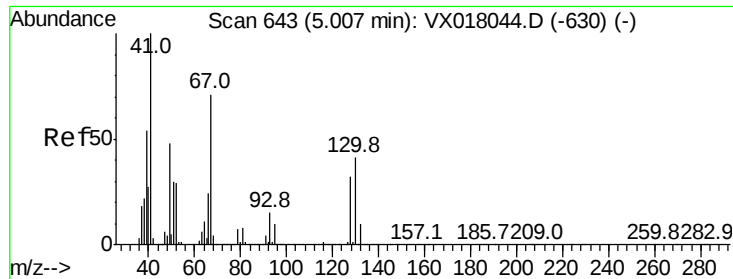
Tot Ion: 83 Resp: 366304
Ion Ratio Lower Upper
83 100
55 75.1 61.8 92.6
98 48.1 36.6 55.0



#40
Benzene
Concen: 51.327 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion: 78 Resp: 920604
Ion Ratio Lower Upper
78 100
77 23.8 18.2 27.2





#41

Methacrylonitrile

Concen: 46.692 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 181757

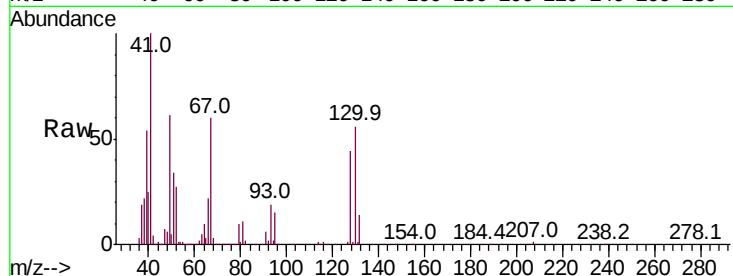
Ion Ratio Lower Upper

41 100

39 58.5 43.1 64.7

67 69.8 56.0 84.0

52 29.8 22.7 34.1



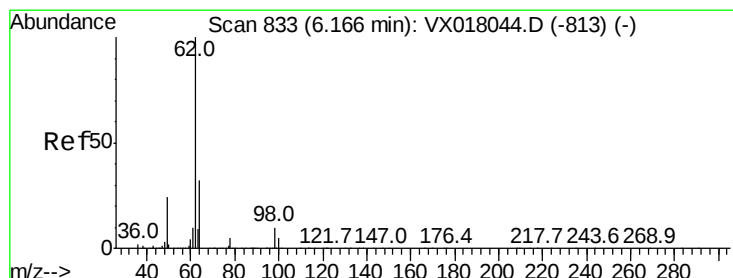
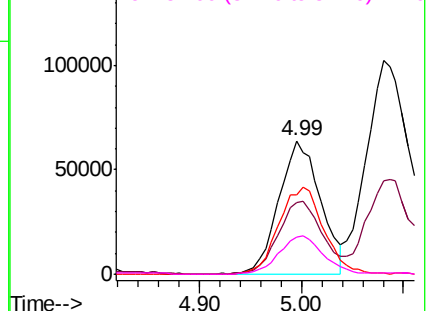
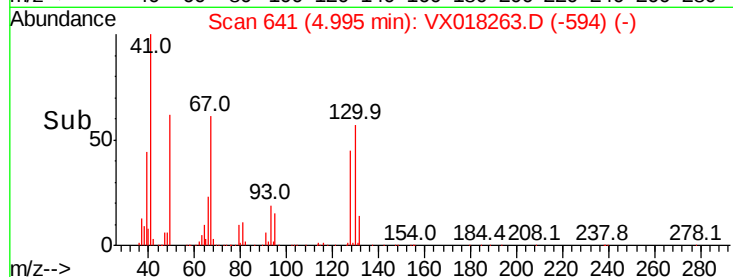
Abundance

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: 56.321 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX018263.D

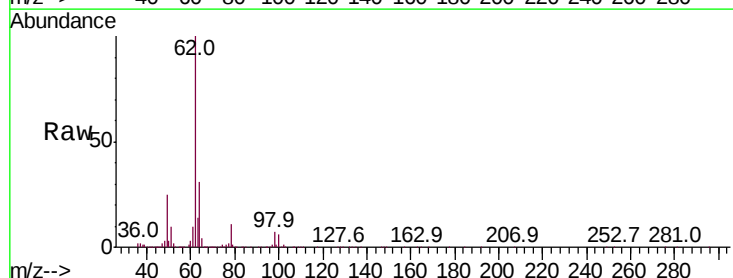
Acq: 08 Sep 2020 10:12

Tgt Ion: 62 Resp: 387035

Ion Ratio Lower Upper

62 100

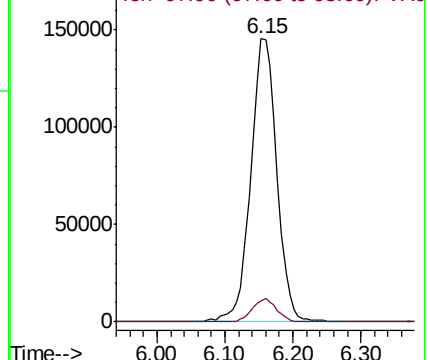
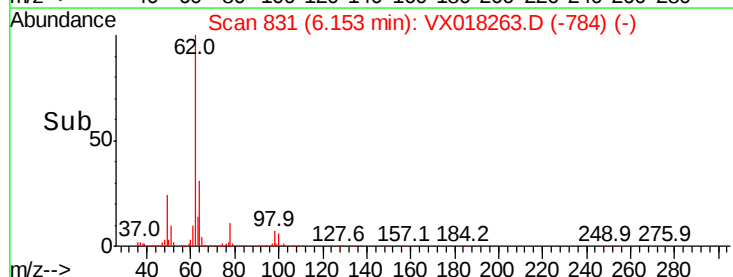
98 7.8 0.0 18.2

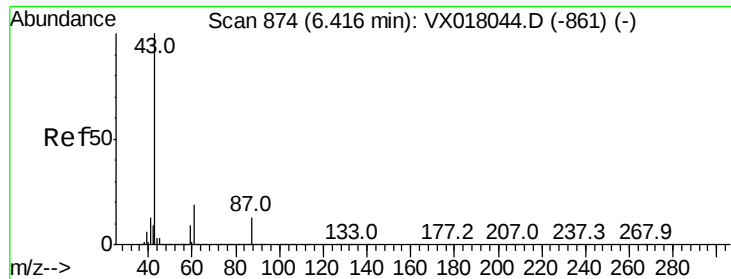


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



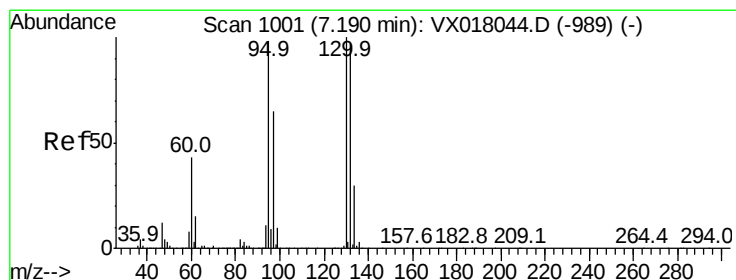
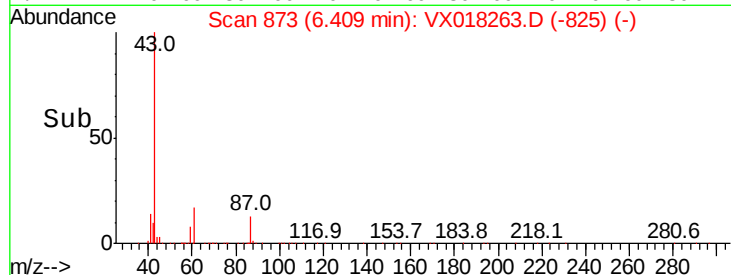
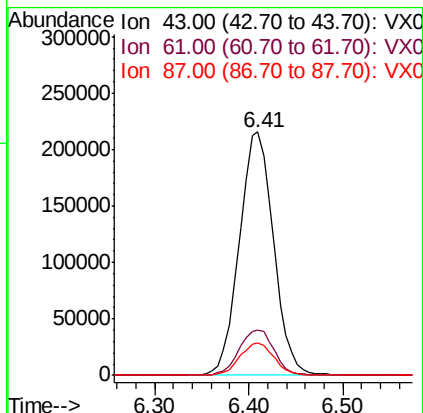
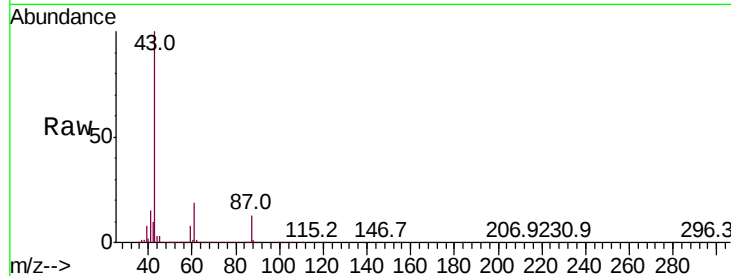


#43

Isopropyl Acetate
 Concen: 47.438 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018263.D
 Acq: 08 Sep 2020 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

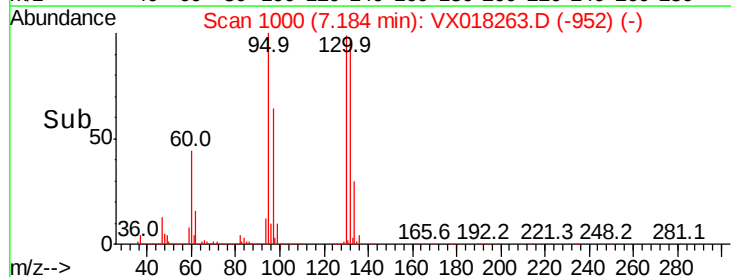
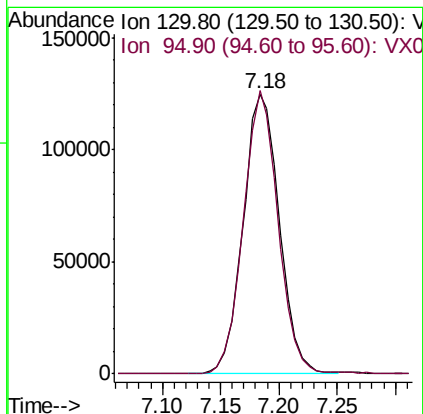
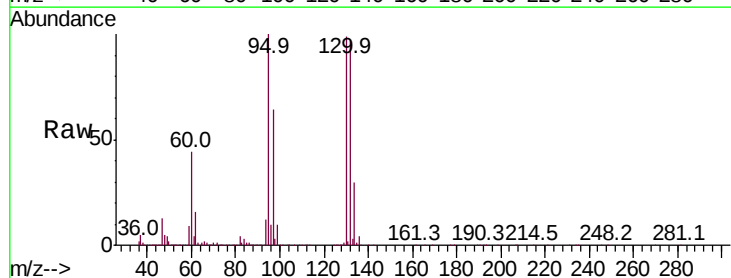
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.7	23.5
87	13.3	10.3	15.5

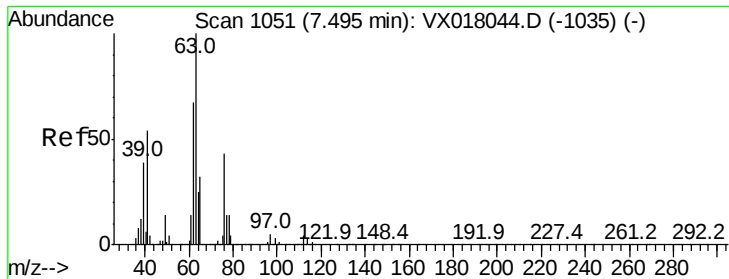


#44

Trichloroethene
 Concen: 53.459 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018263.D
 Acq: 08 Sep 2020 10:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	196.4





#45

1,2-Dichloropropane

Concen: 51.573 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

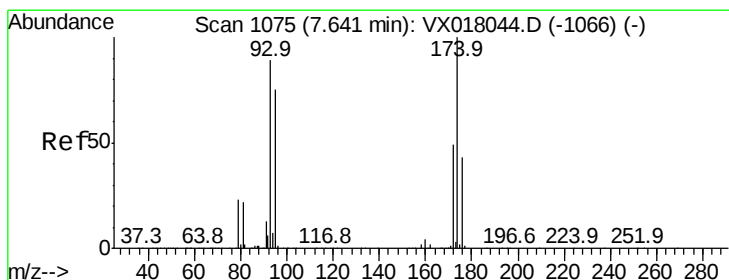
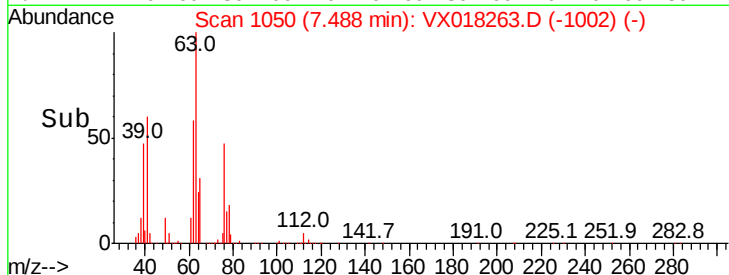
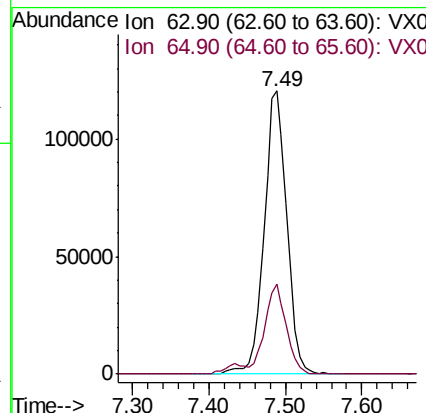
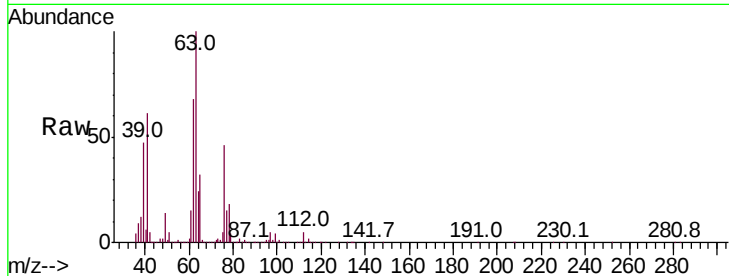
VSTDCCC050

Tot Ion: 63 Resp: 249311

Ion Ratio Lower Upper

63 100

65 31.8 25.7 38.5



#46

Dibromomethane

Concen: 51.689 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

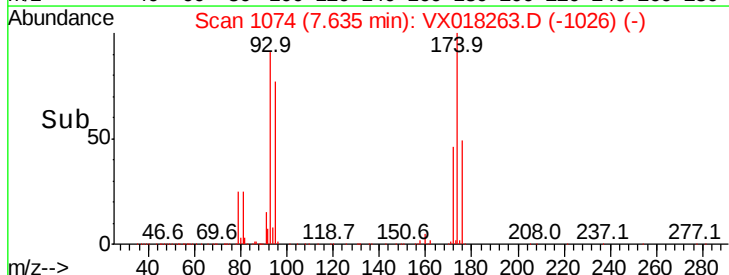
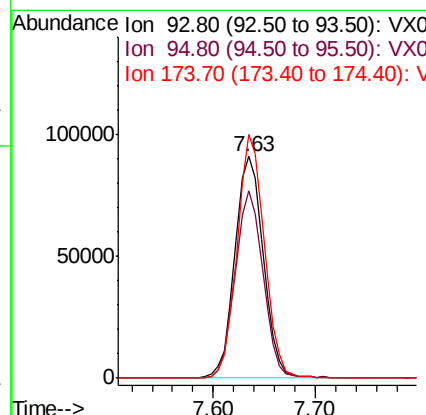
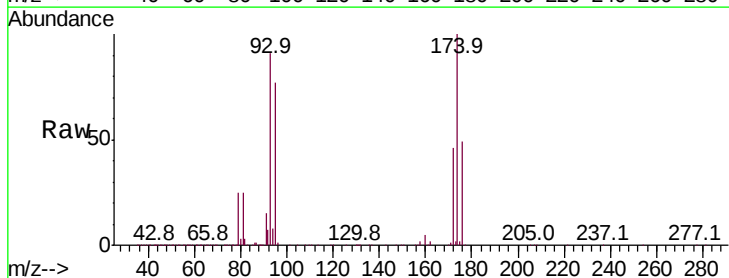
Tgt Ion: 93 Resp: 175713

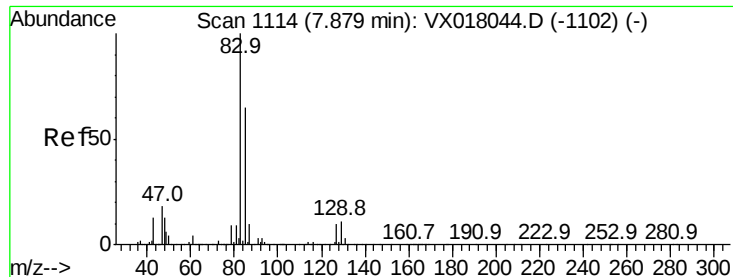
Ion Ratio Lower Upper

93 100

95 83.1 67.3 100.9

174 105.5 82.2 123.2





#47

Bromodichloromethane

Concen: 55.234 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

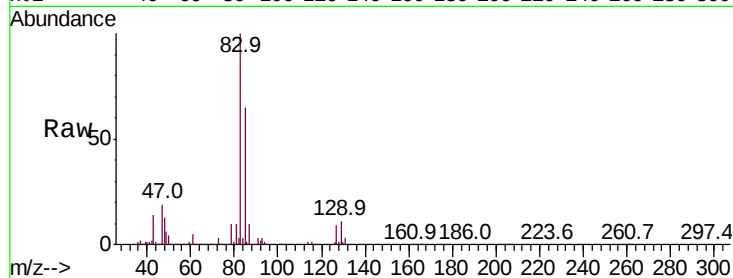
Tot Ion: 83 Resp: 374907

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.6

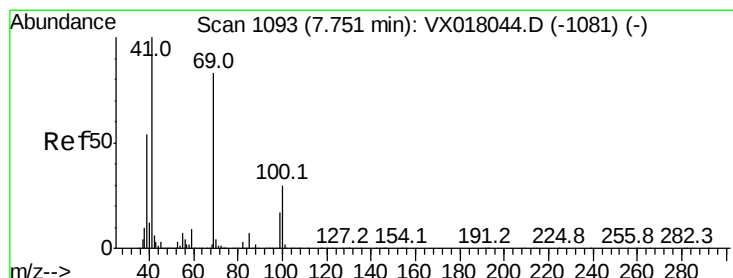
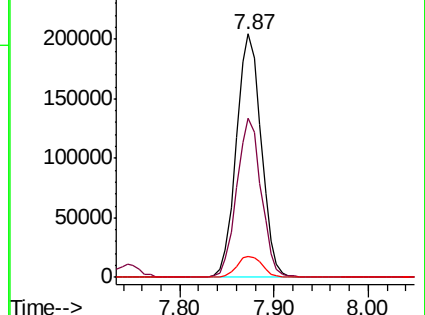
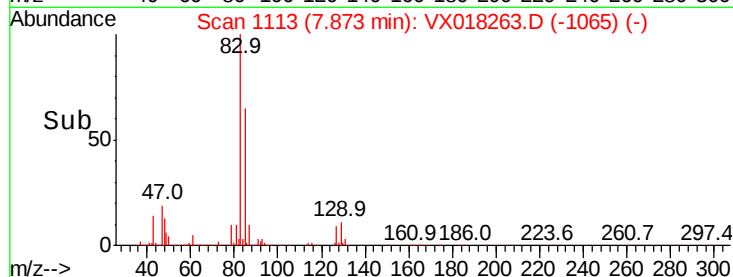
127 8.8 7.7 11.5



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: 47.532 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

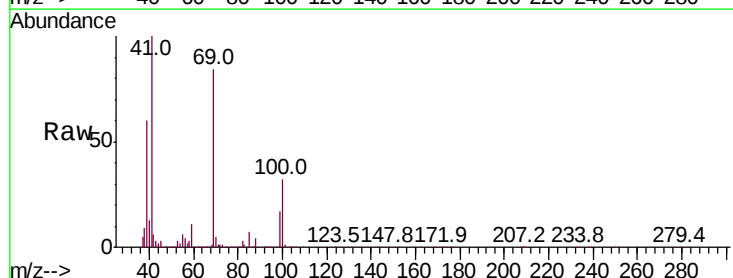
Tgt Ion: 41 Resp: 270951

Ion Ratio Lower Upper

41 100

69 82.6 65.5 98.3

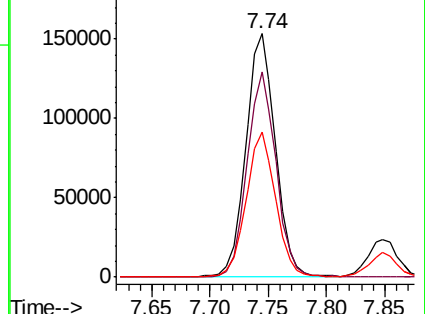
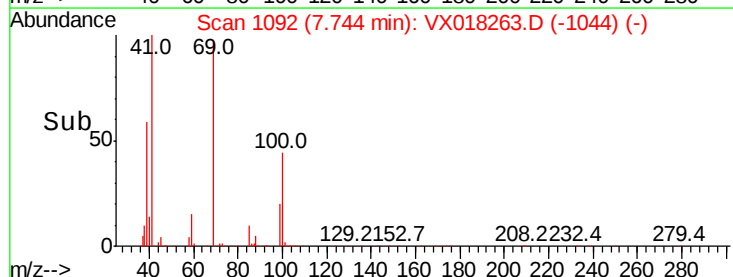
39 59.2 44.5 66.7

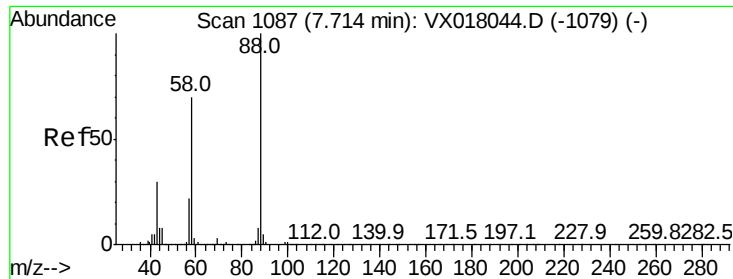


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

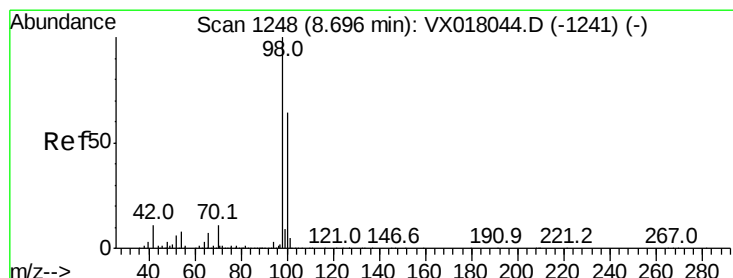
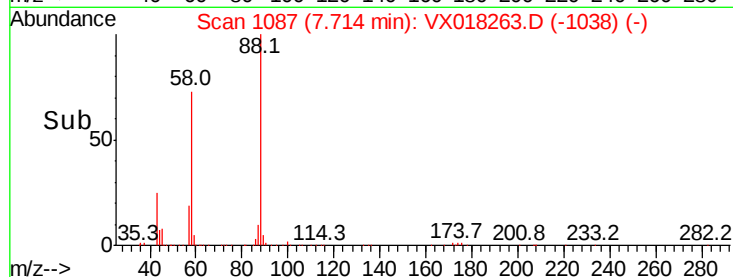
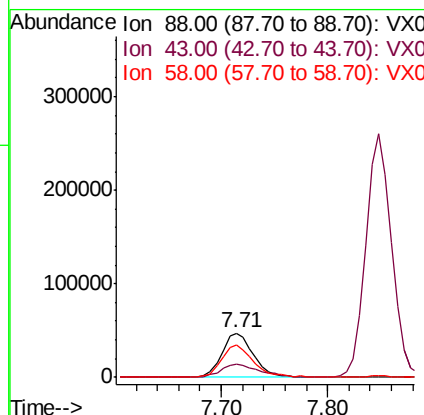
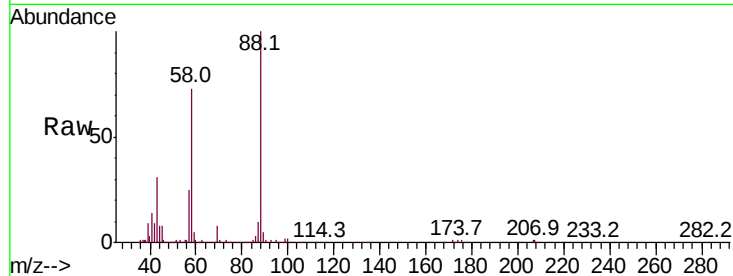




#49
1,4-Dioxane
Concen: 941.705 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

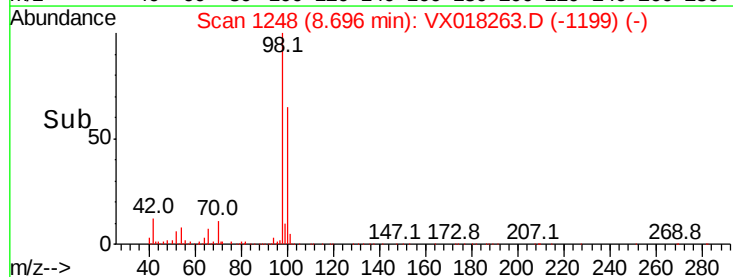
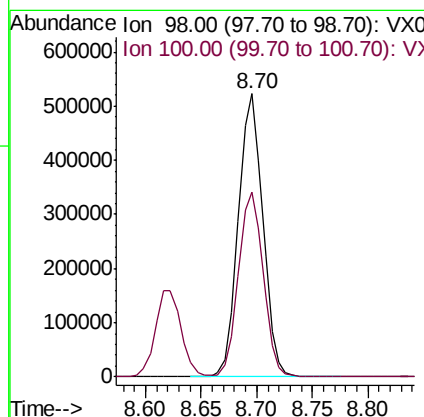
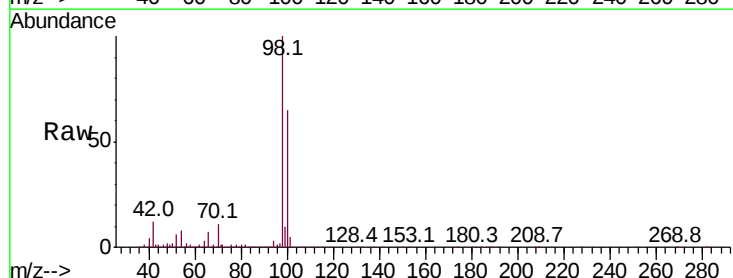
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

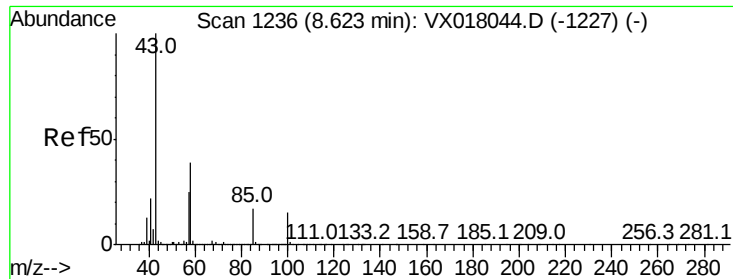
Tot Ion	88	Resp	97237
Ion	Ratio	Lower	Upper
88	100		
43	36.4	27.4	41.0
58	73.6	56.4	84.6



#50
Toluene-d8
Concen: 47.612 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion	98	Resp	799262
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.4

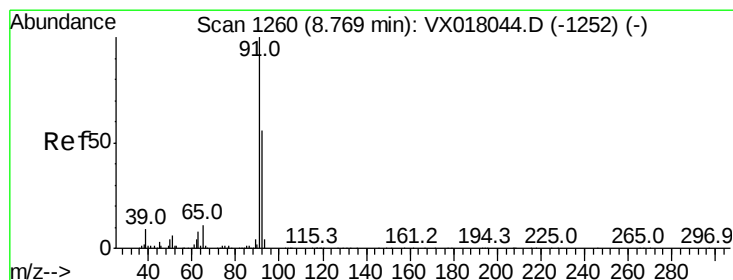
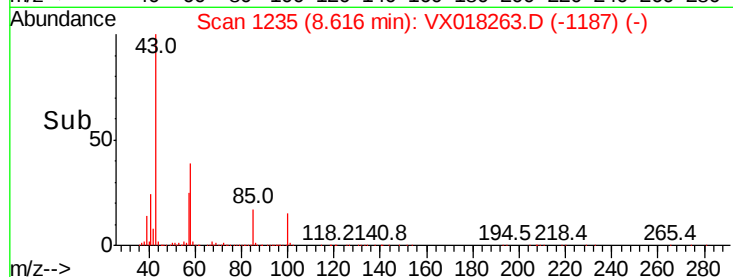
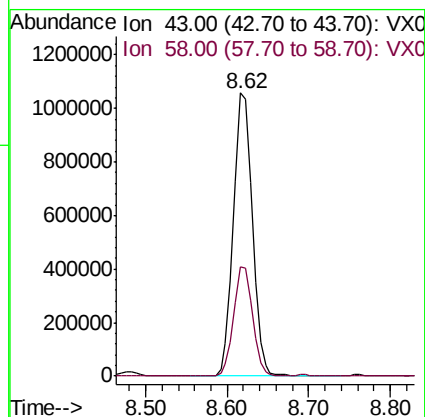
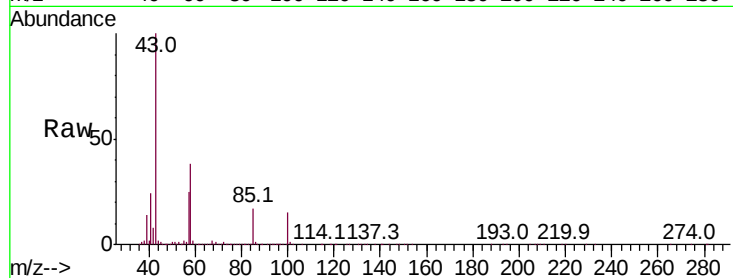




#51
4-Methyl-2-Pentanone
Concen: 238.884 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

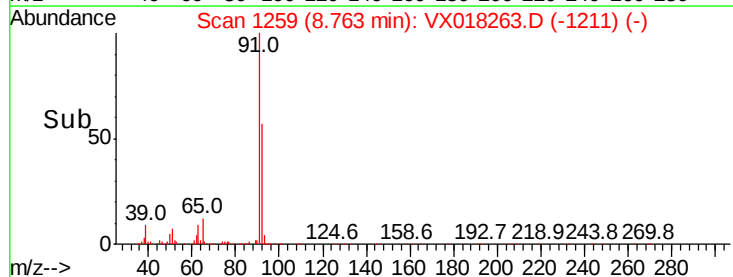
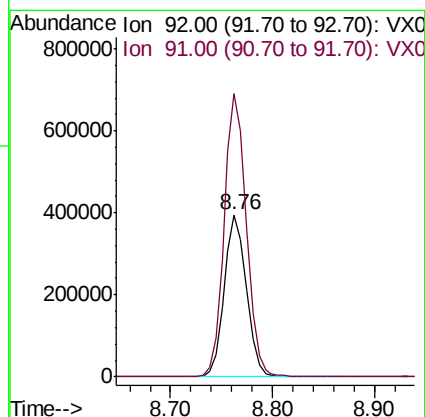
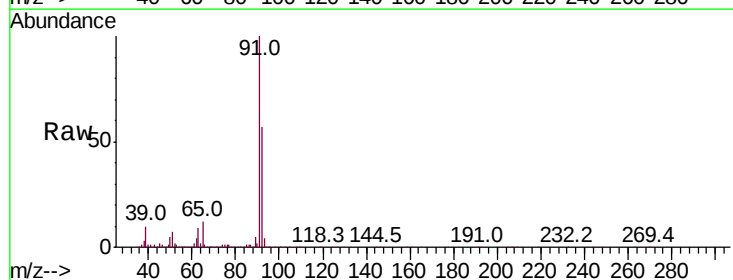
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

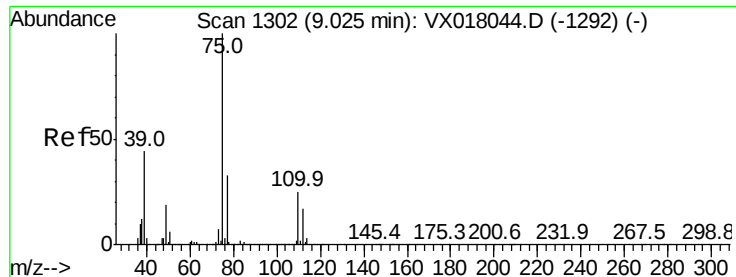
Tot Ion: 43 Resp: 1689696
Ion Ratio Lower Upper
43 100
58 38.3 30.7 46.1



#52
Toluene
Concen: 52.288 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion: 92 Resp: 594685
Ion Ratio Lower Upper
92 100
91 175.2 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 54.629 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

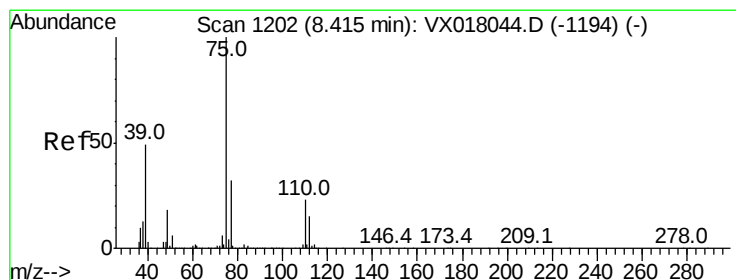
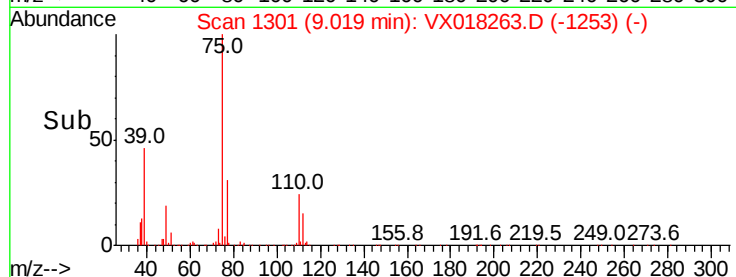
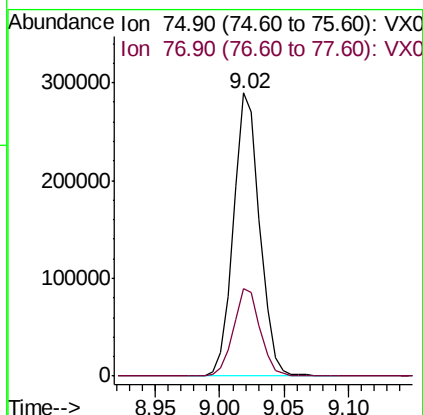
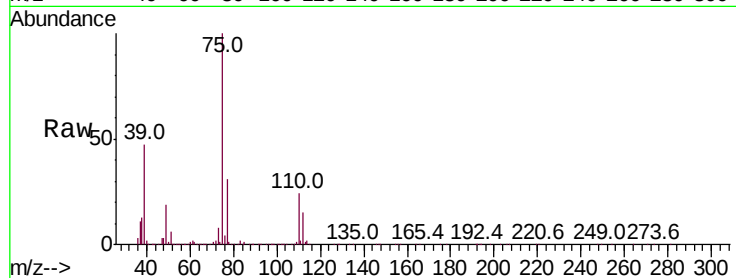
VSTDCCC050

Tot Ion: 75 Resp: 410961

Ion Ratio Lower Upper

75 100

77 31.0 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 53.082 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

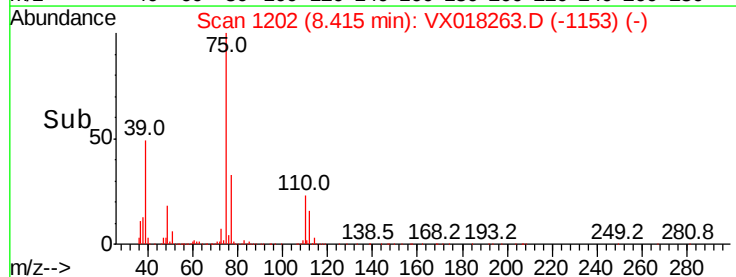
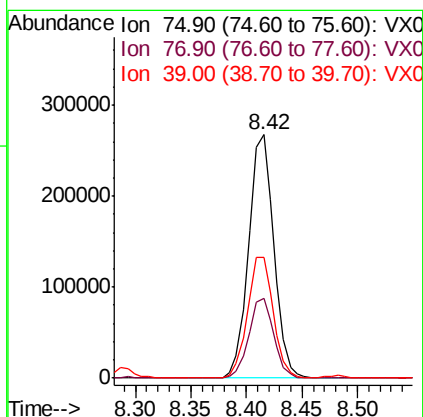
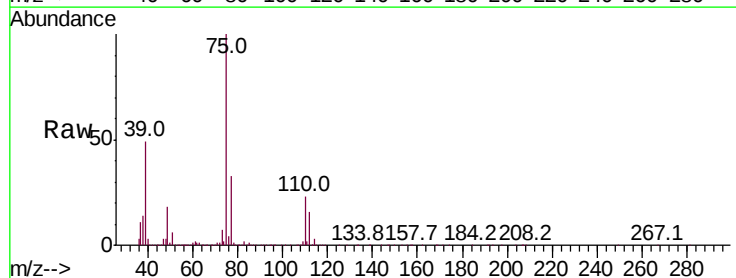
Tgt Ion: 75 Resp: 423013

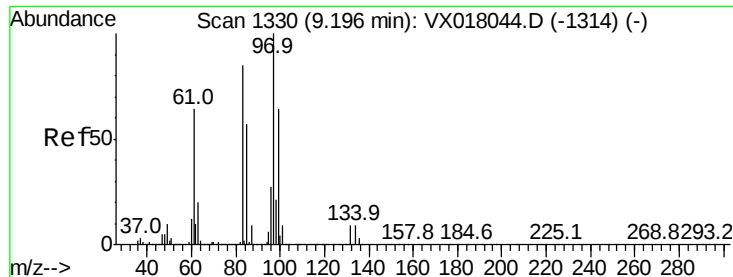
Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.8

39 49.3 38.8 58.2

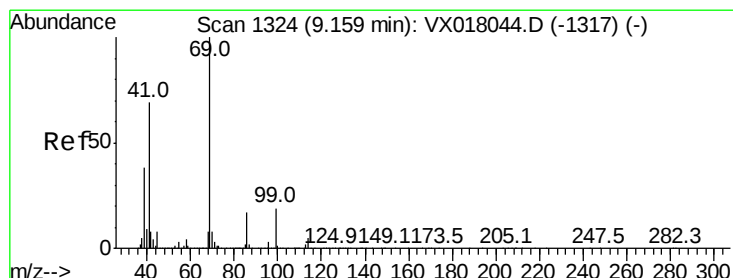
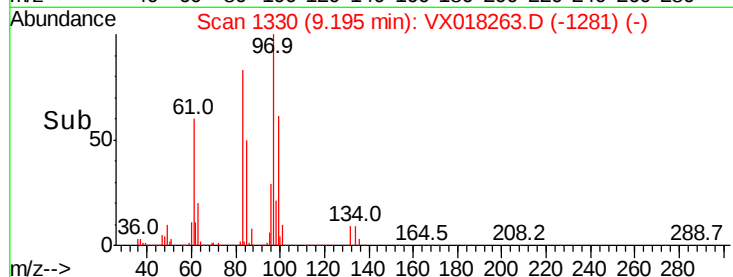
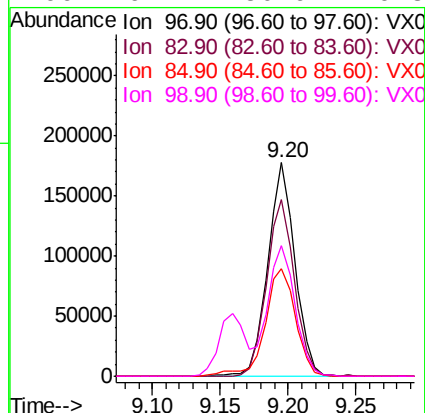
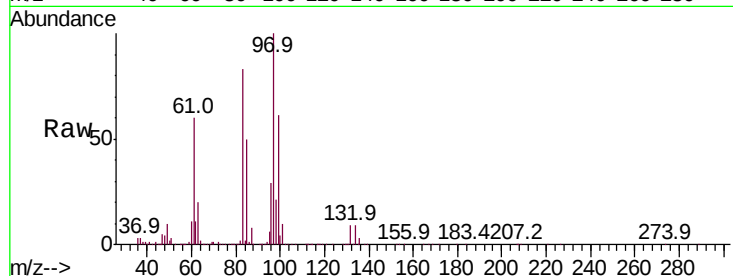




#55
1,1,2-Trichloroethane
Concen: 51.308 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

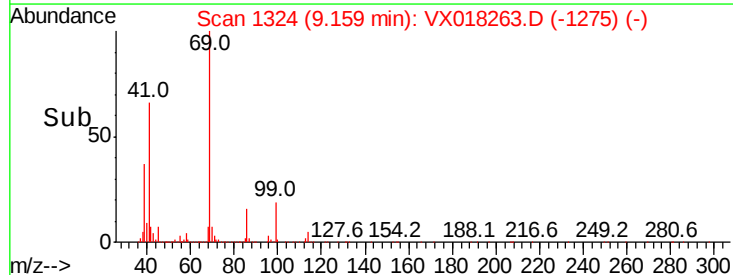
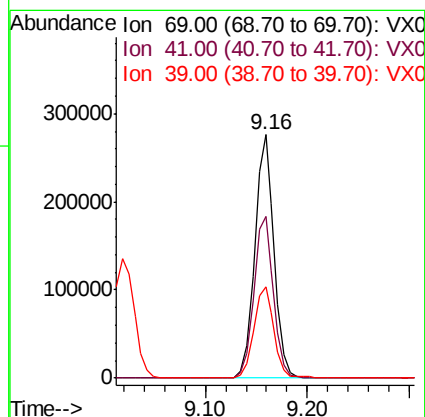
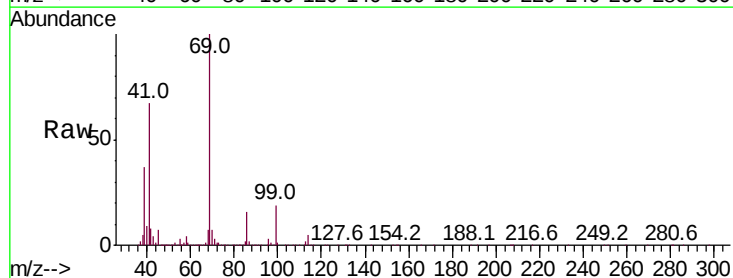
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

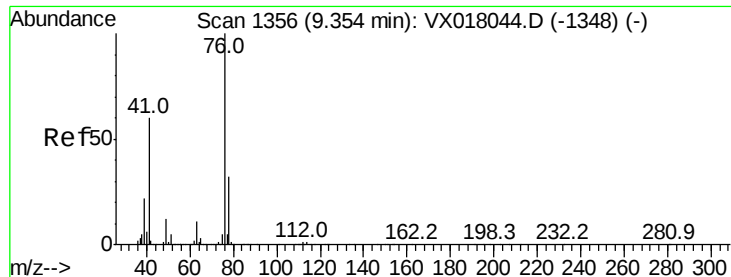
Tot Ion: 97 Resp: 248875
Ion Ratio Lower Upper
97 100
83 82.8 67.8 101.6
85 50.4 45.3 67.9
99 61.1 50.9 76.3



#56
Ethyl methacrylate
Concen: 50.254 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion: 69 Resp: 362375
Ion Ratio Lower Upper
69 100
41 67.6 54.6 81.8
39 39.1 29.1 43.7





#57

1,3-Dichloropropane

Concen: 50.820 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

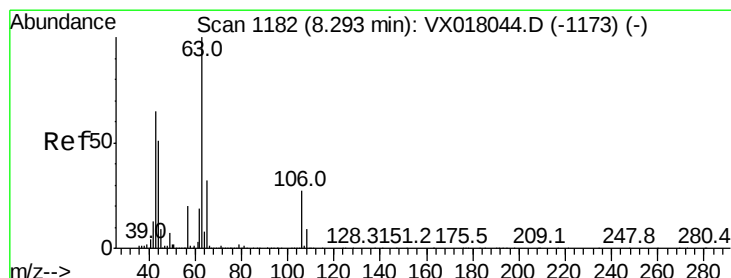
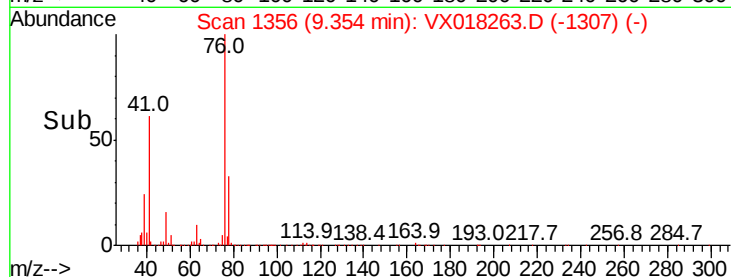
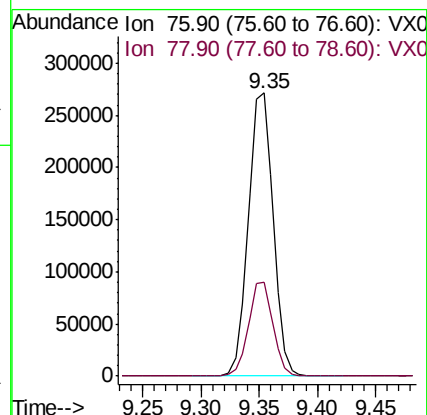
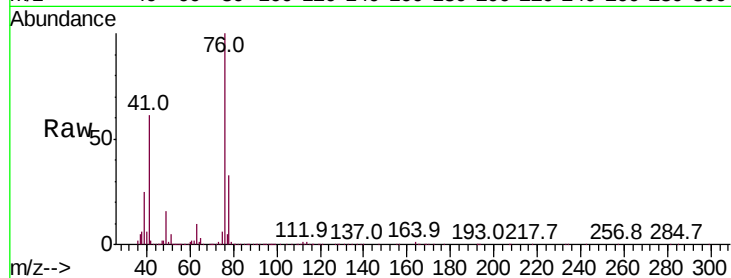
VSTDCCC050

Tot Ion: 76 Resp: 406580

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 204.628 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018263.D

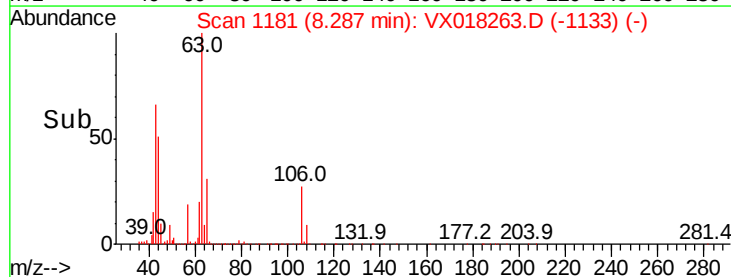
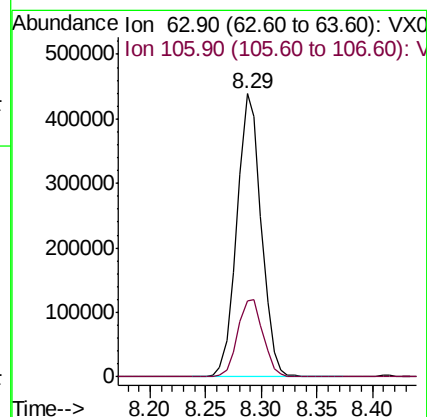
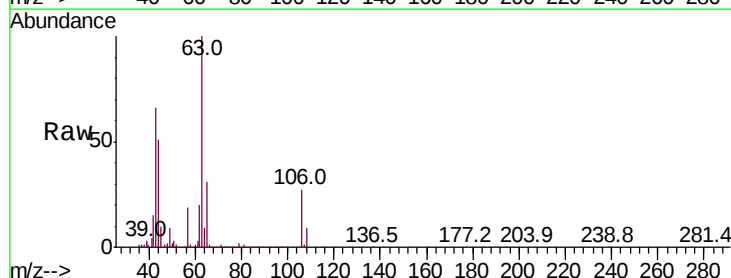
Acq: 08 Sep 2020 10:12

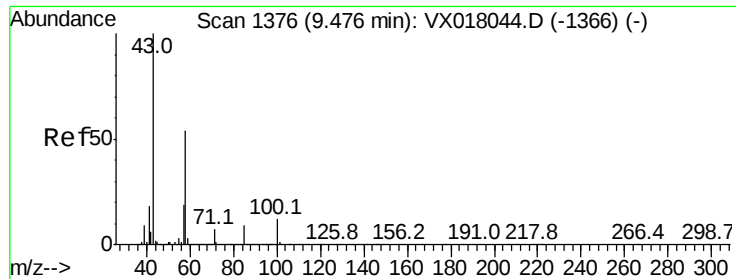
Tgt Ion: 63 Resp: 663774

Ion Ratio Lower Upper

63 100

106 28.6 22.1 33.1

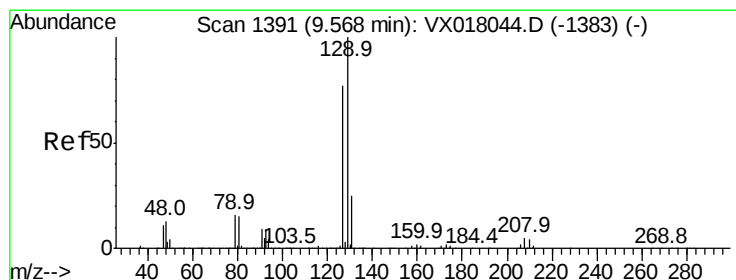
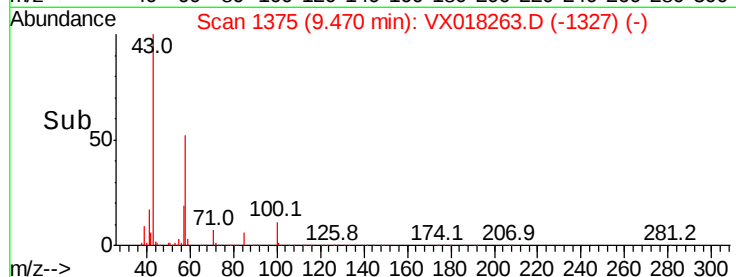
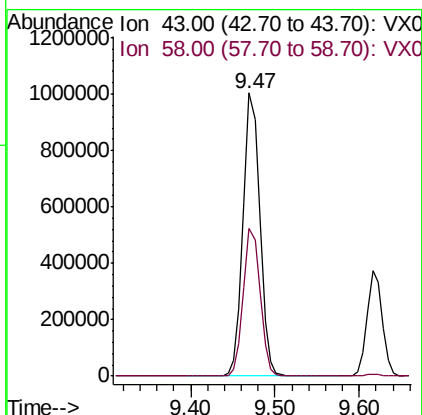
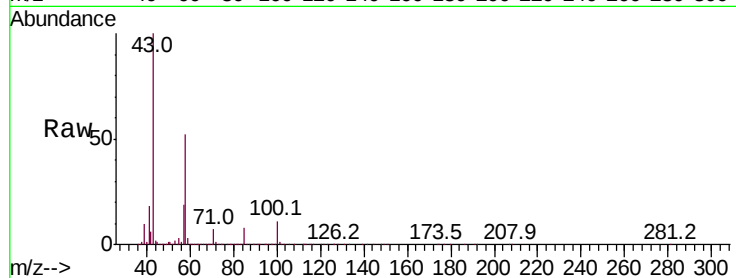




#59
2-Hexanone
Concen: 247.093 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

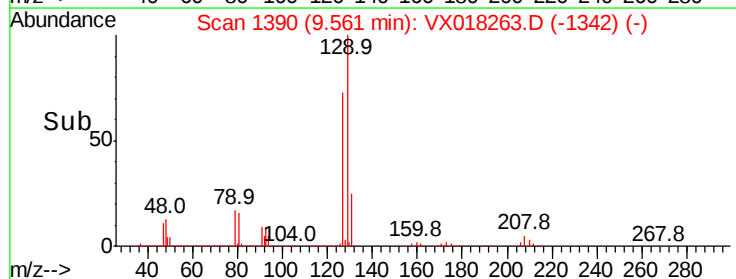
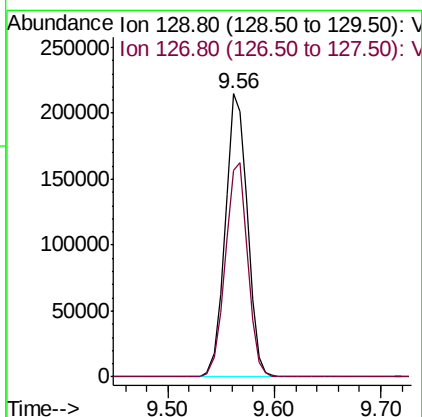
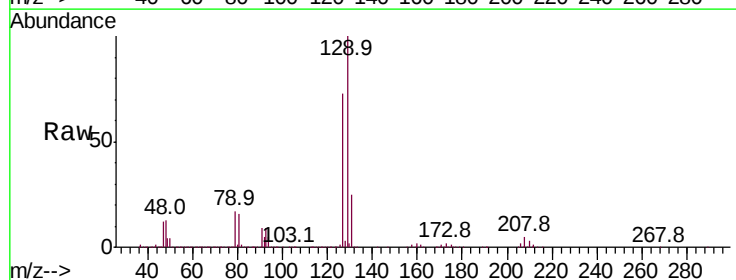
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

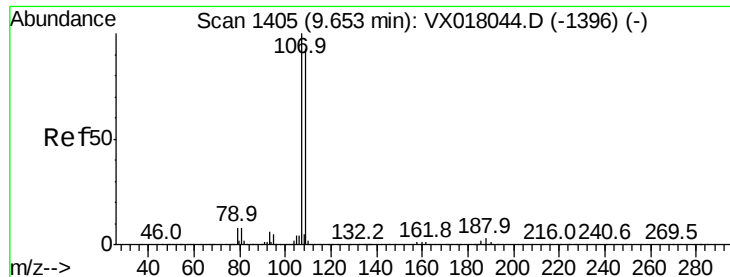
Tot Ion: 43 Resp: 1328973
Ion Ratio Lower Upper
43 100
58 52.4 26.6 79.7



#60
Dibromochloromethane
Concen: 55.146 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion: 129 Resp: 313792
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.207 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

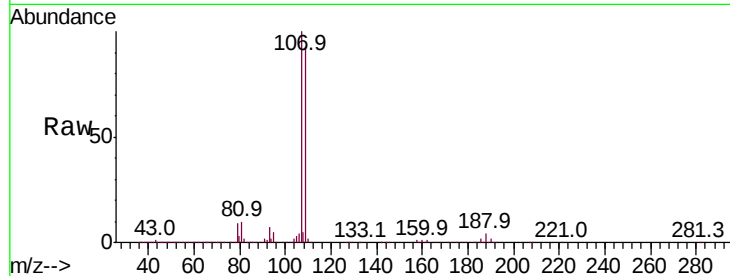
VSTDCCC050

Tot Ion:107 Resp: 269661

Ion Ratio Lower Upper

107 100

109 96.5 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

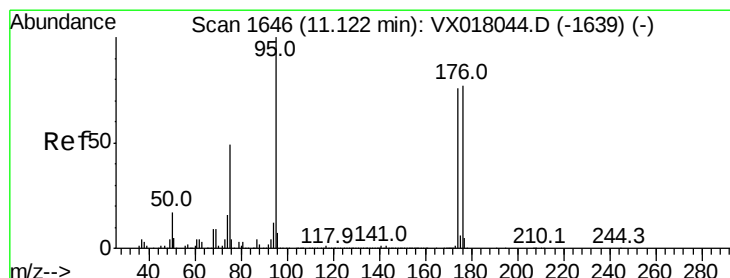
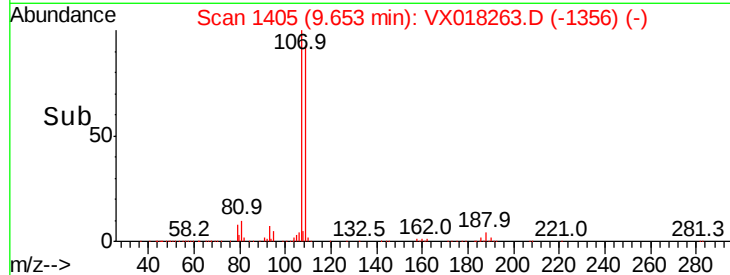
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.301 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

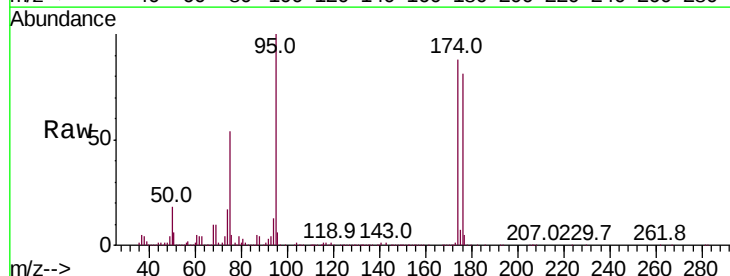
Tgt Ion: 95 Resp: 325621

Ion Ratio Lower Upper

95 100

174 82.9 0.0 160.2

176 77.7 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

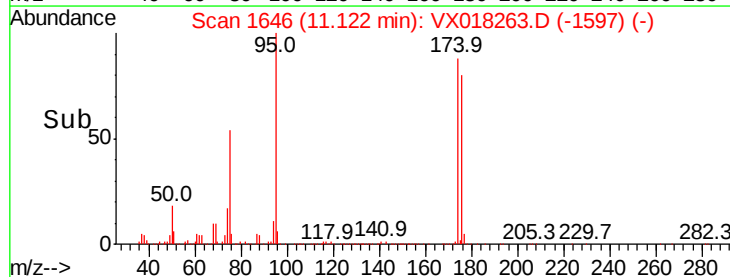
300000

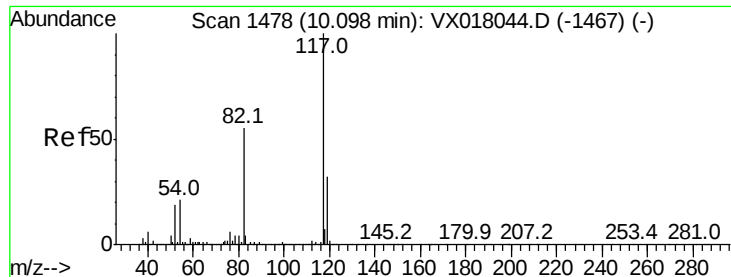
200000

100000

0

Time-->

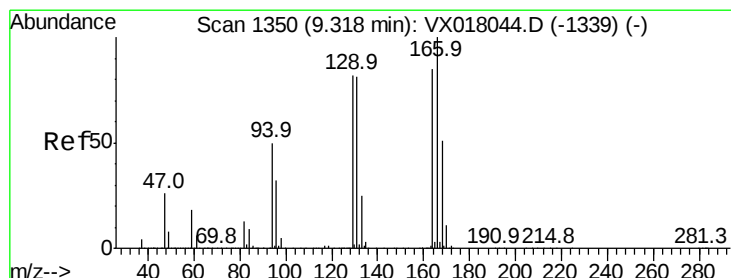
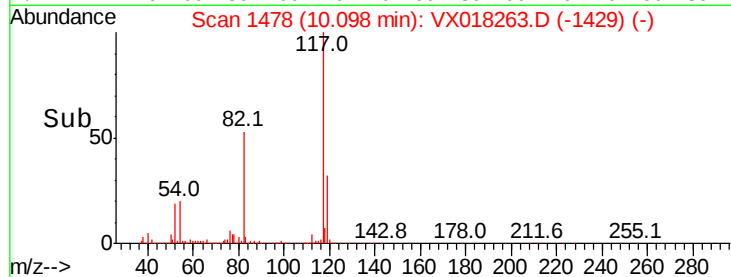
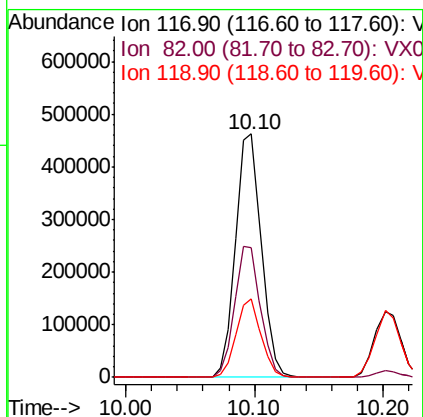
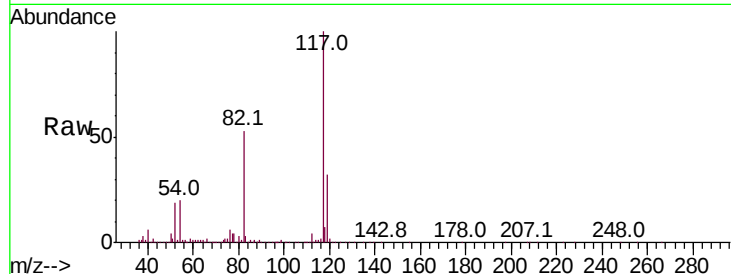




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

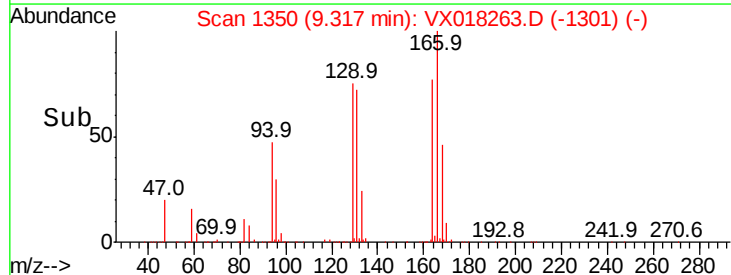
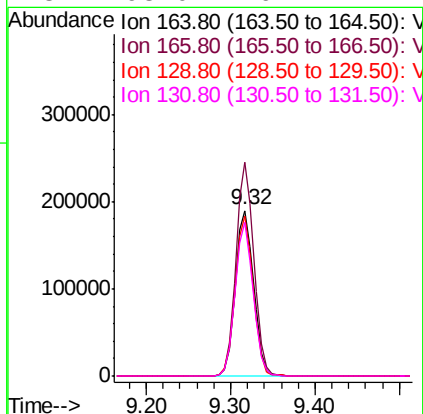
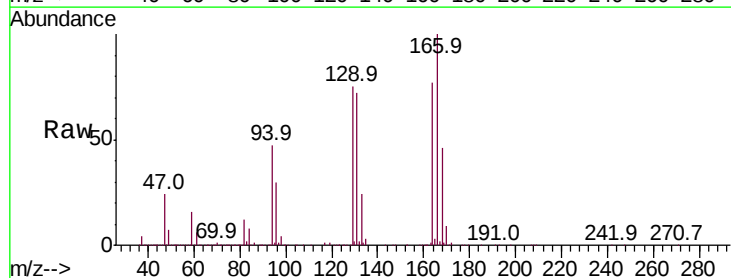
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

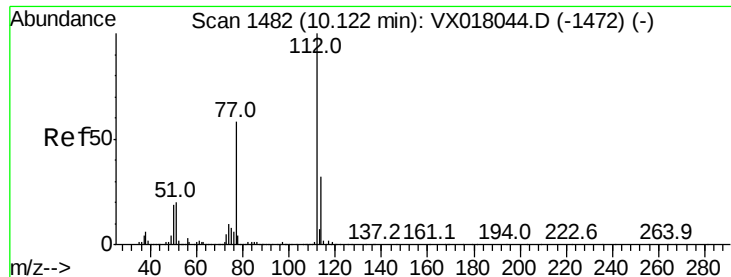
Tot Ion:117 Resp: 645099
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 58.099 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion:164 Resp: 275422
Ion Ratio Lower Upper
164 100
166 129.3 94.2 141.2
129 96.6 76.9 115.3
131 93.0 76.1 114.1

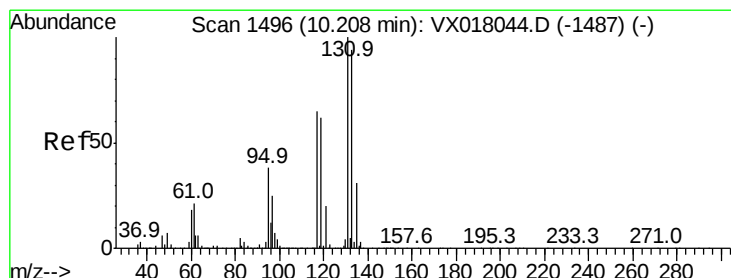
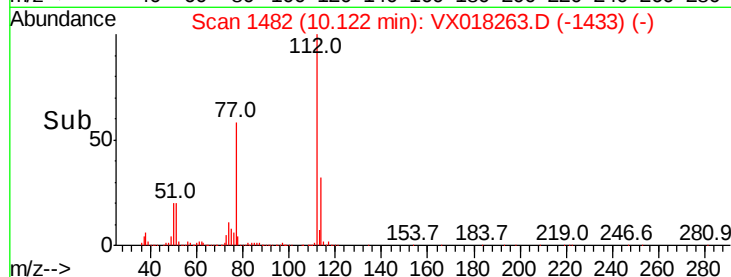
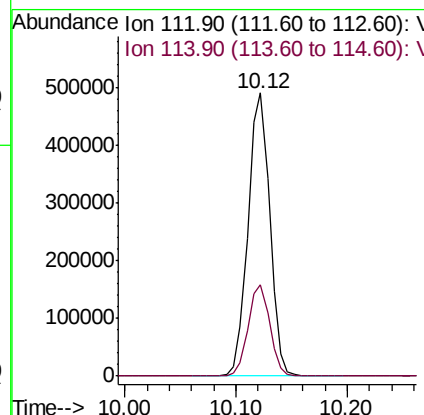
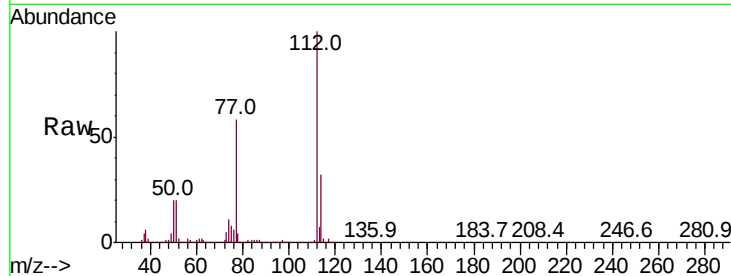




#65
Chlorobenzene
Concen: 51.696 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

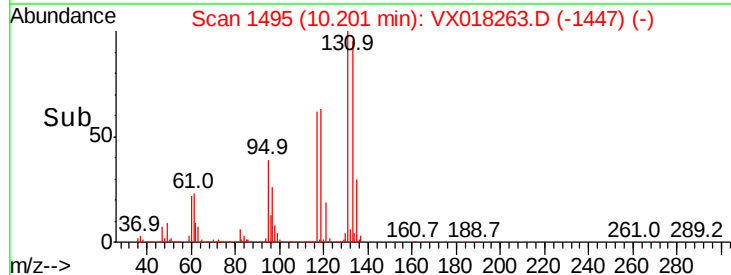
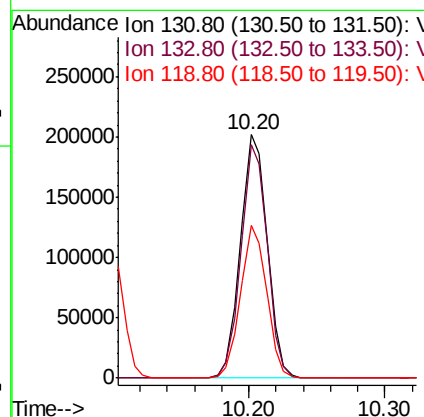
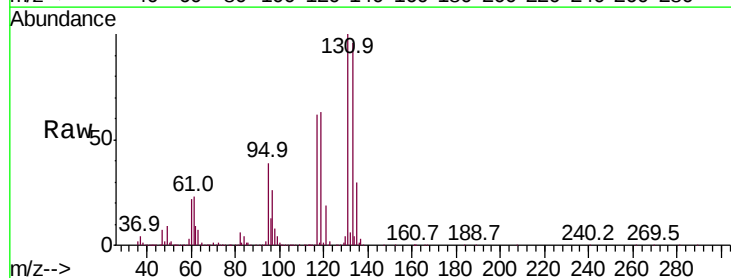
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

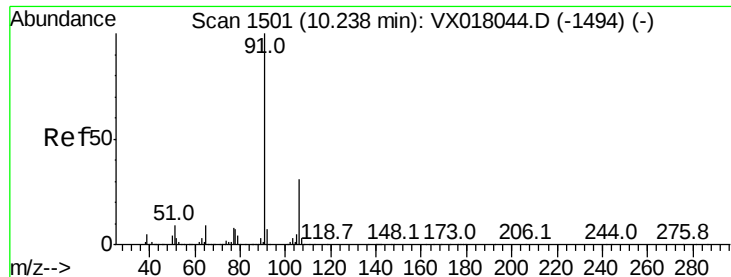
Tot Ion:112 Resp: 666054
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.540 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion:131 Resp: 276957
Ion Ratio Lower Upper
131 100
133 93.6 46.7 140.1
119 61.4 31.8 95.4





#67

Ethyl Benzene

Concen: 53.506 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

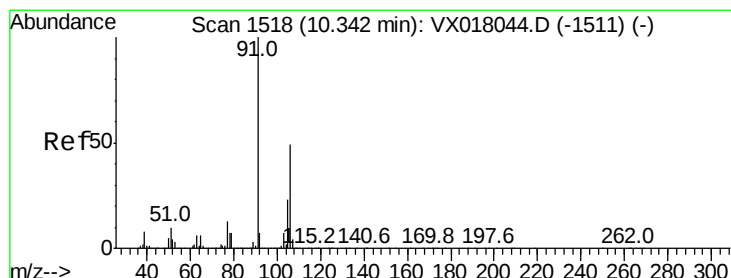
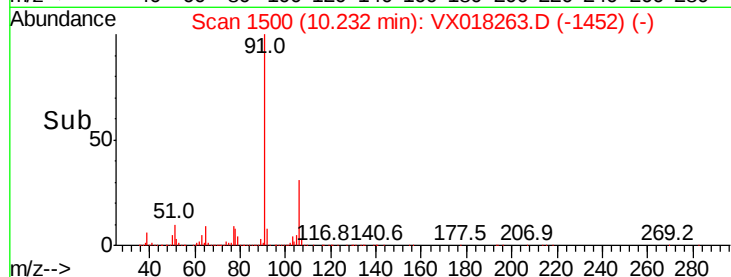
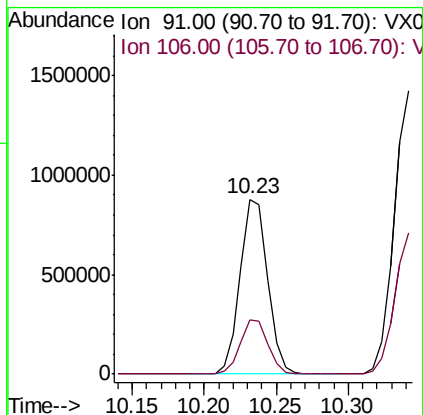
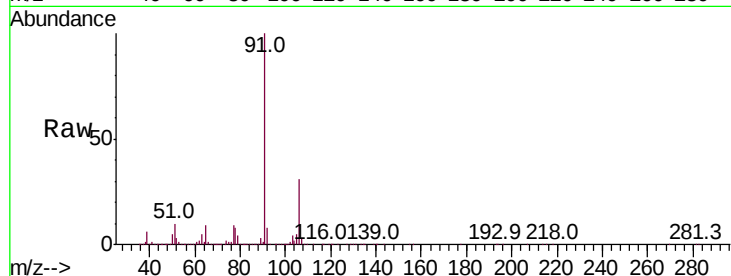
VSTDCCC050

Tot Ion: 91 Resp: 1172352

Ion Ratio Lower Upper

91 100

106 30.7 24.9 37.3



#68

m/p-Xylenes

Concen: 112.353 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018263.D

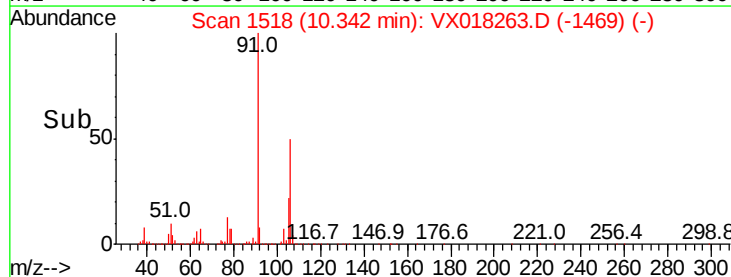
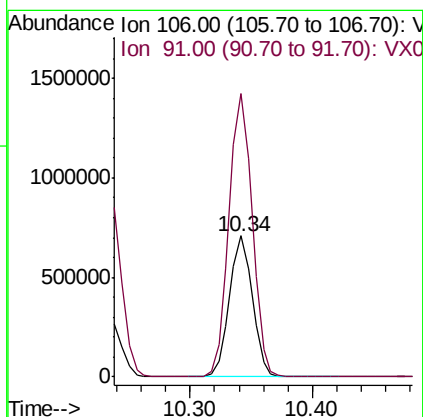
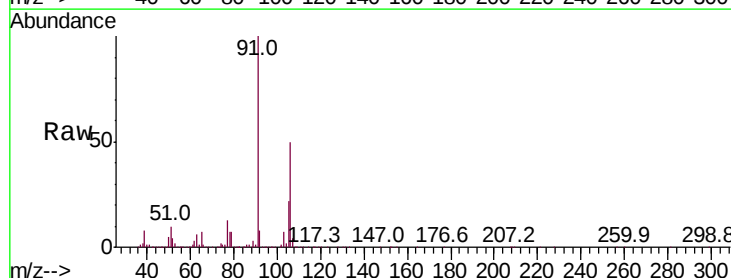
Acq: 08 Sep 2020 10:12

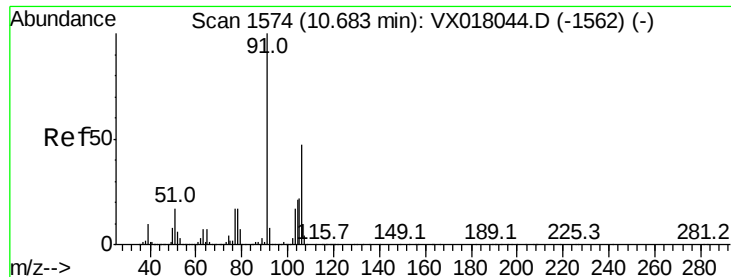
Tgt Ion: 106 Resp: 918826

Ion Ratio Lower Upper

106 100

91 203.5 162.2 243.2

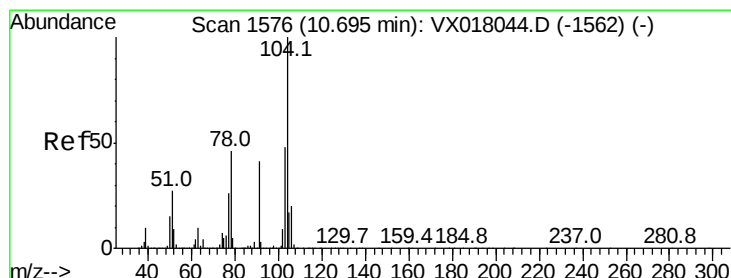
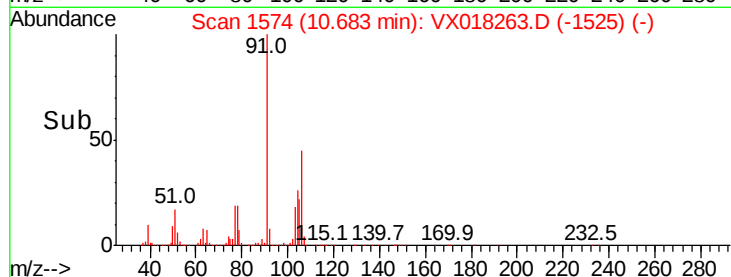
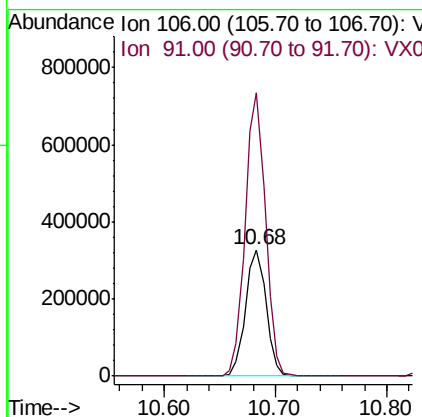
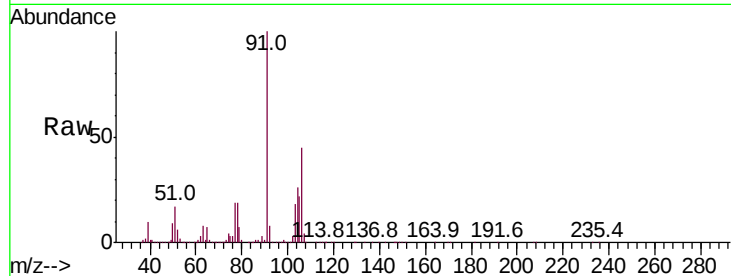




#69
o-Xylene
Concen: 53.329 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

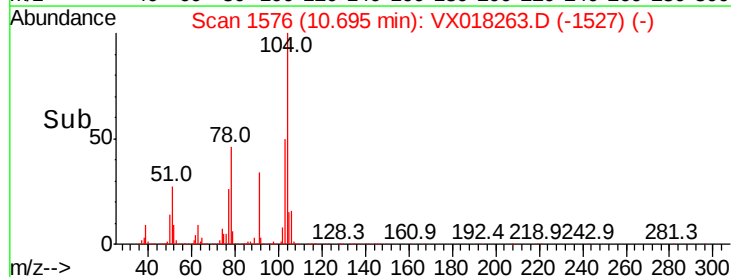
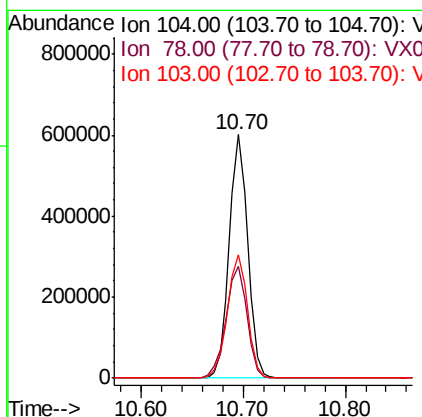
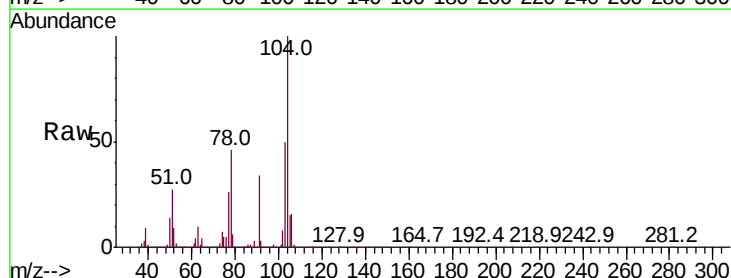
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

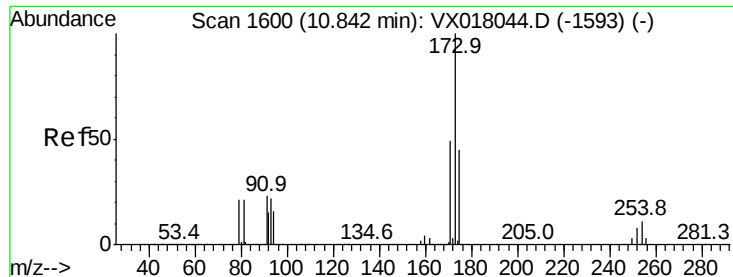
Tot Ion:106 Resp: 422781
Ion Ratio Lower Upper
106 100
91 219.9 107.1 321.3



#70
Styrene
Concen: 55.824 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion:104 Resp: 753665
Ion Ratio Lower Upper
104 100
78 52.3 40.9 61.3
103 55.4 43.6 65.4





#71

Bromoform

Concen: 56.691 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

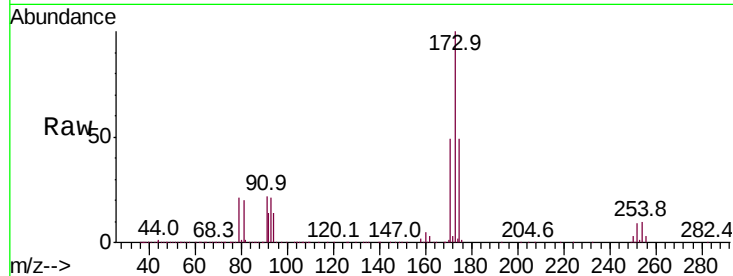
Tot Ion:173 Resp: 245551

Ion Ratio Lower Upper

173 100

175 47.6 23.9 71.8

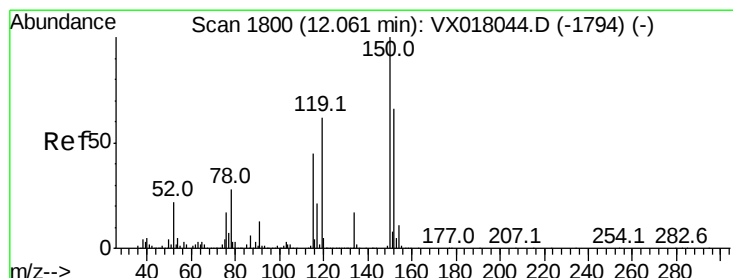
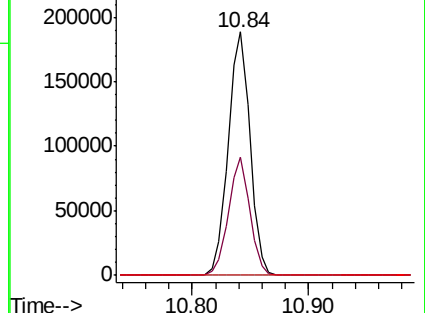
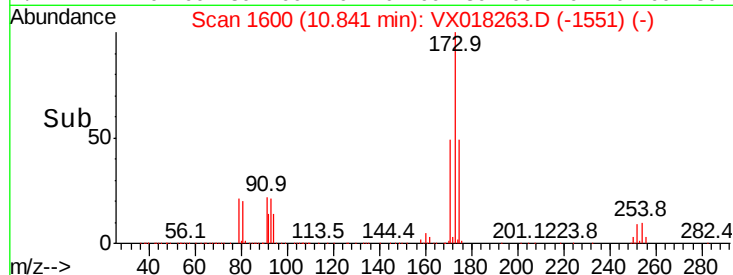
254 0.1 0.2 0.2#



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: VX018263.D

Acq: 08 Sep 2020 10:12

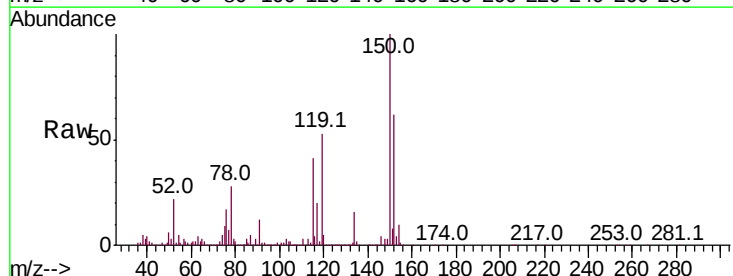
Tgt Ion:152 Resp: 358222

Ion Ratio Lower Upper

152 100

115 81.9 41.5 124.5

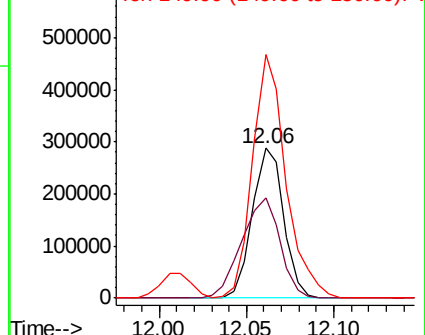
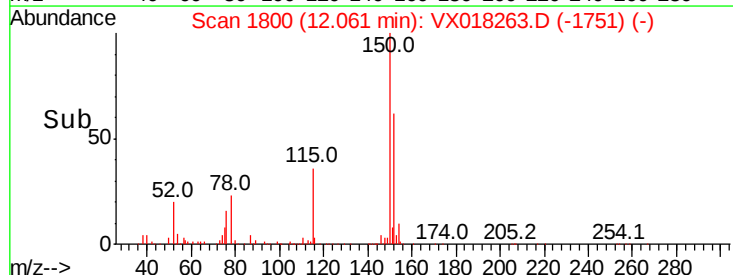
150 173.2 0.0 343.8

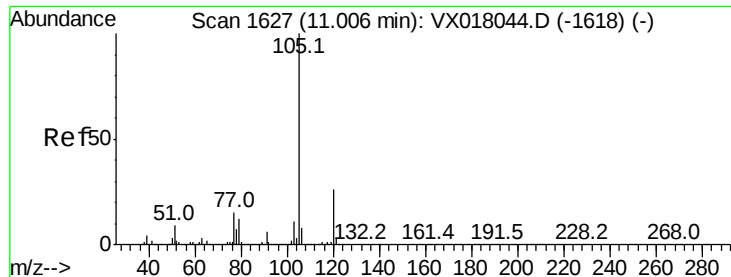


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.786 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampled :

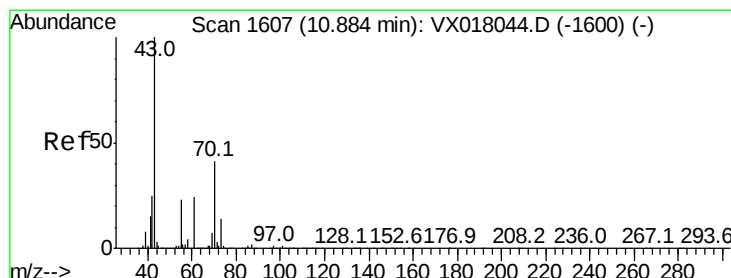
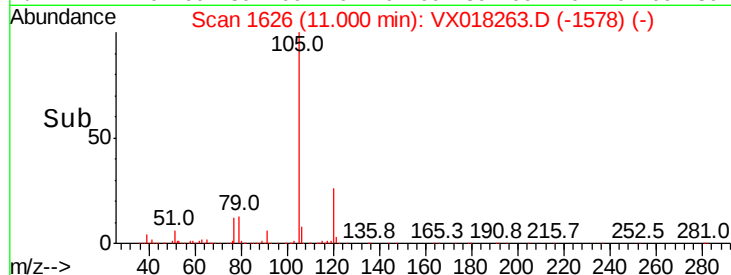
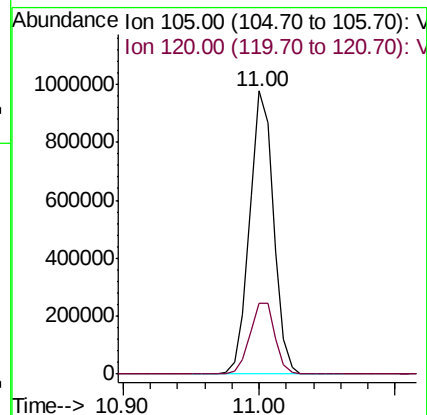
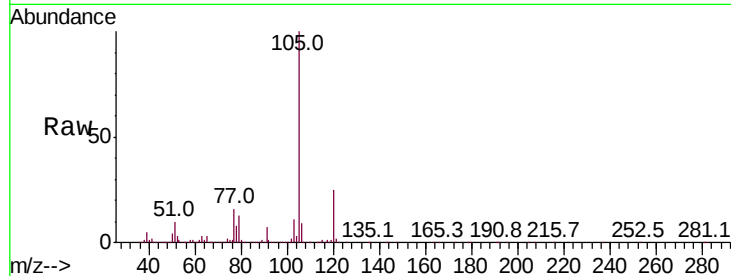
VSTDCCC050

Tot Ion:105 Resp: 1200012

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 43.931 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Tgt Ion: 43 Resp: 492515

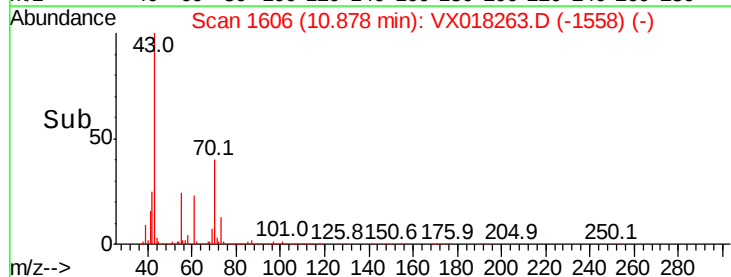
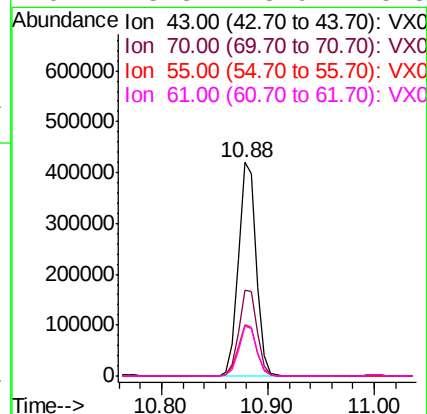
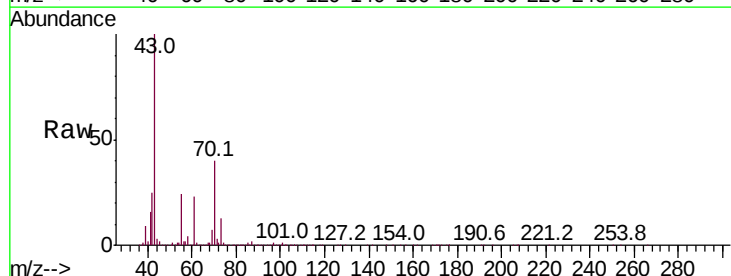
Ion Ratio Lower Upper

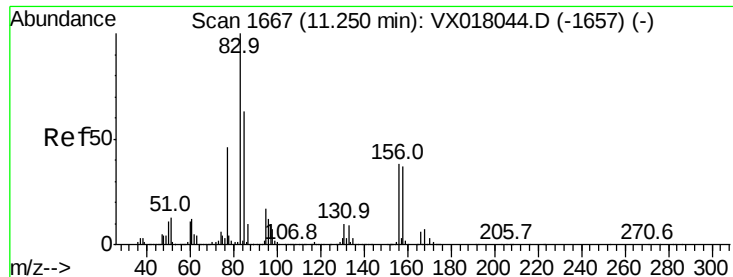
43 100

70 41.6 32.3 48.5

55 24.8 18.2 27.2

61 23.3 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 43.866 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

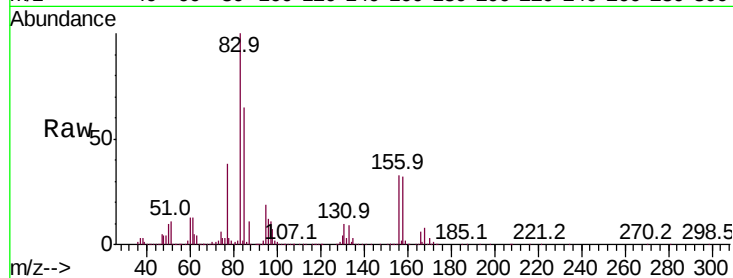
Tot Ion: 83 Resp: 365638

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

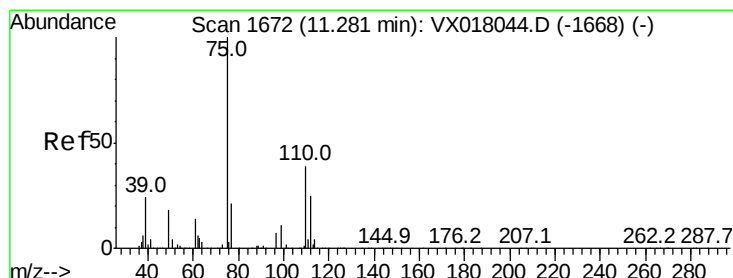
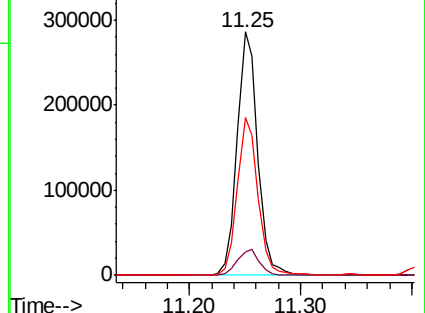
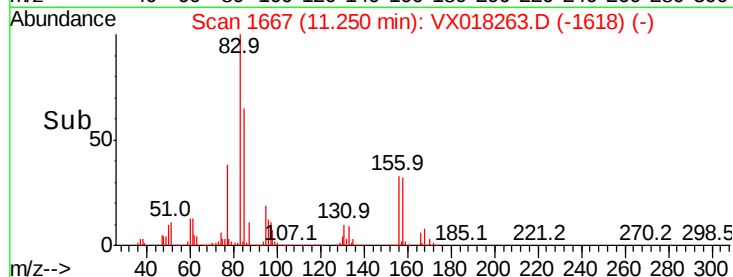
85 65.2 32.2 96.6



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: 57.380 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018263.D

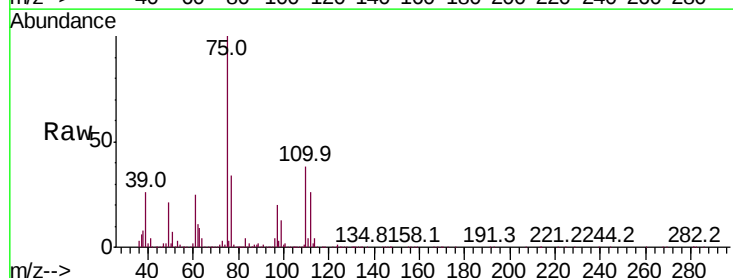
Acq: 08 Sep 2020 10:12

Tgt Ion: 75 Resp: 457249

Ion Ratio Lower Upper

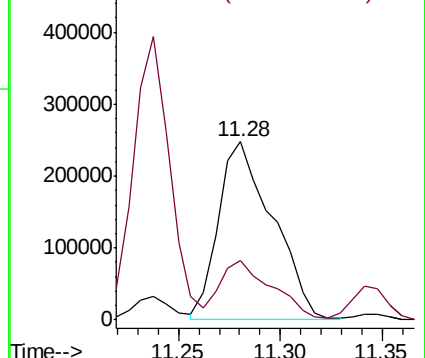
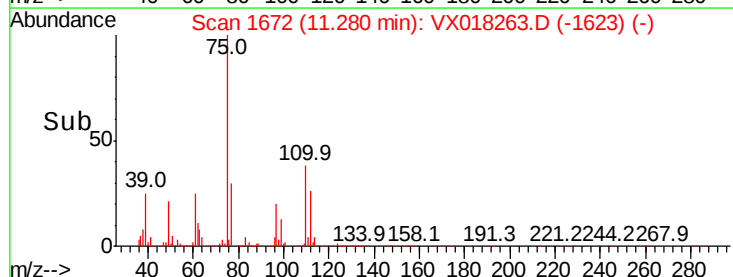
75 100

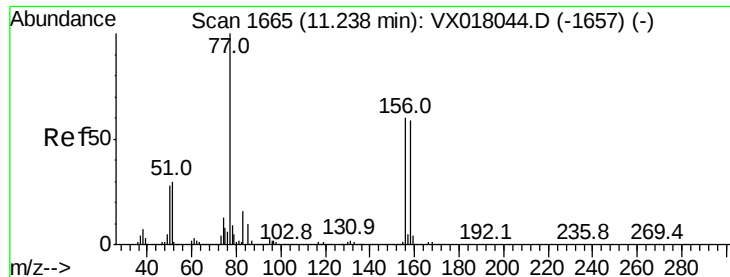
77 32.2 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.677 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

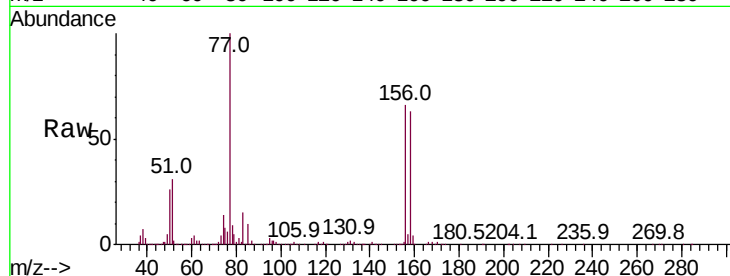
Tot Ion:156 Resp: 324466

Ion Ratio Lower Upper

156 100

77 151.6 80.0 240.2

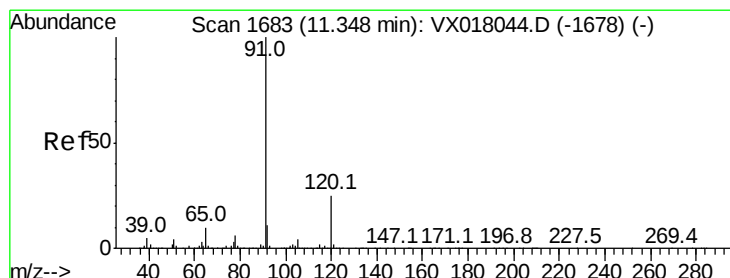
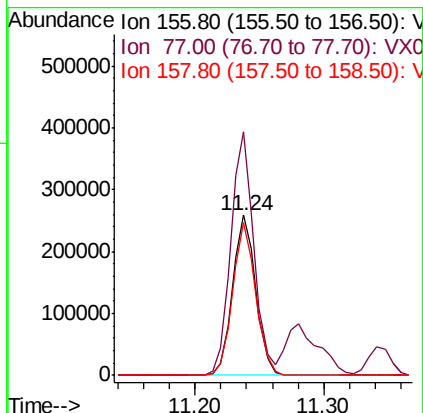
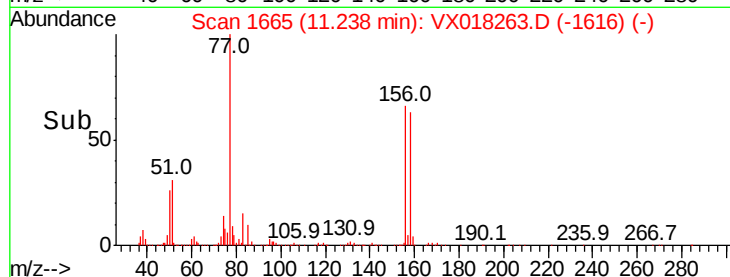
158 95.0 49.5 148.7



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: 51.659 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018263.D

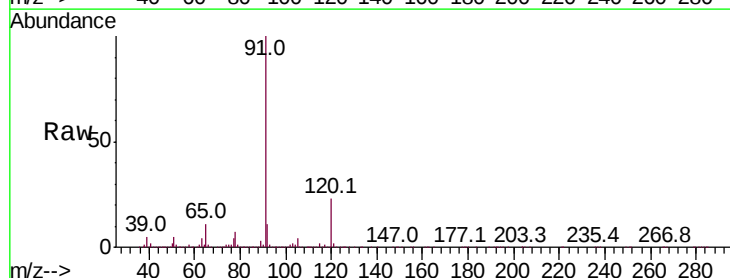
Acq: 08 Sep 2020 10:12

Tgt Ion: 91 Resp: 1385980

Ion Ratio Lower Upper

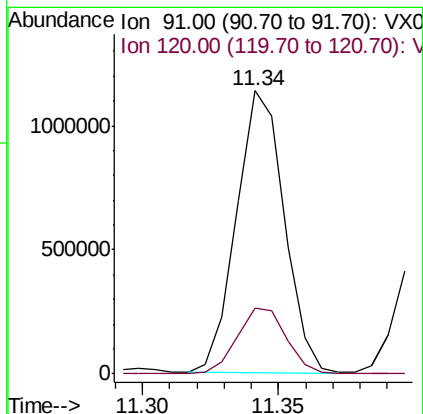
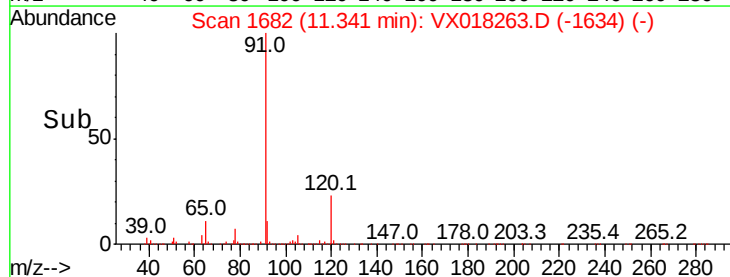
91 100

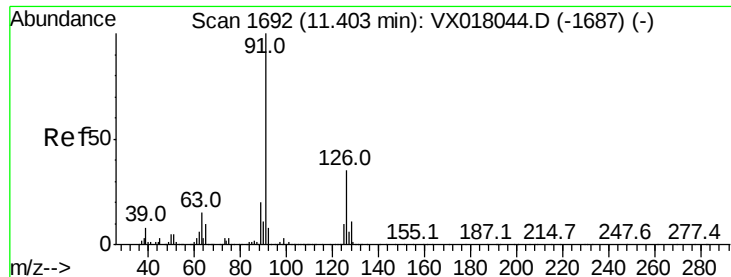
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.702 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

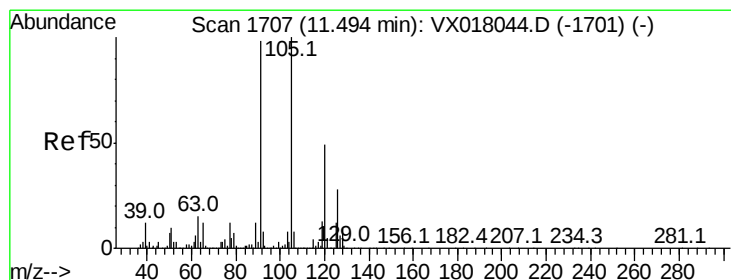
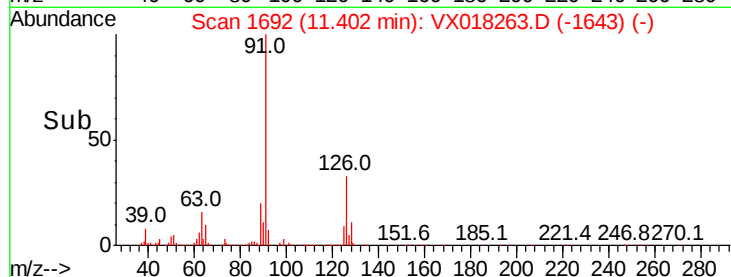
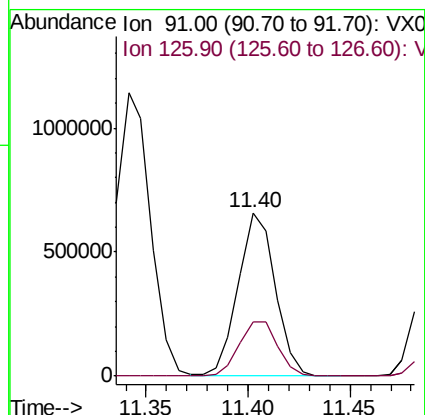
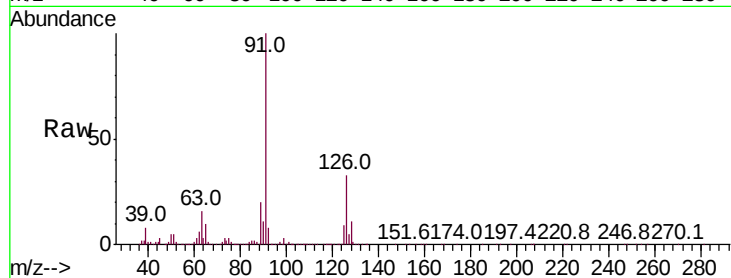
VSTDCCC050

Tot Ion: 91 Resp: 823849

Ion Ratio Lower Upper

91 100

126 35.3 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 54.297 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018263.D

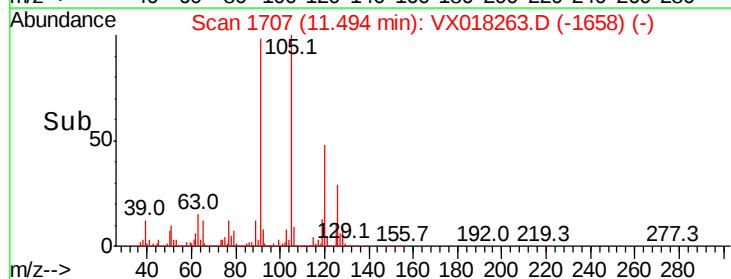
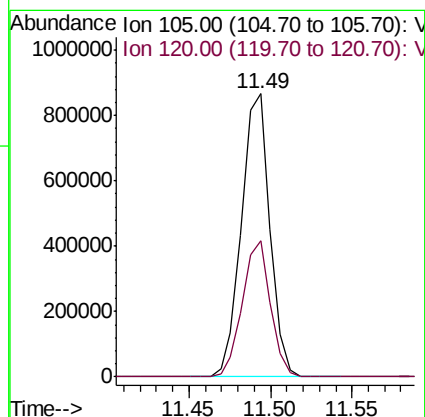
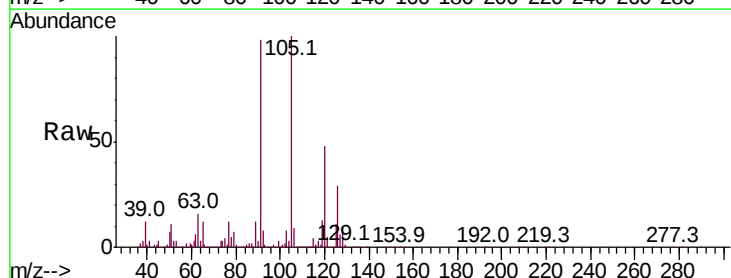
Acq: 08 Sep 2020 10:12

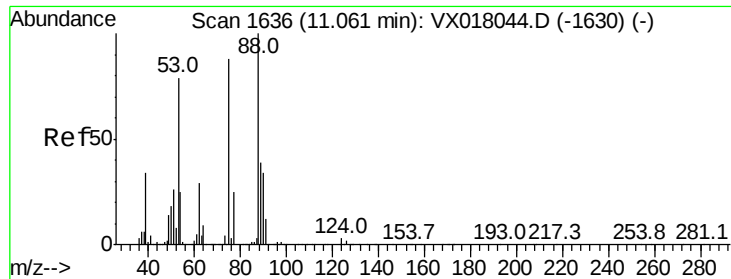
Tgt Ion: 105 Resp: 1054292

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.2

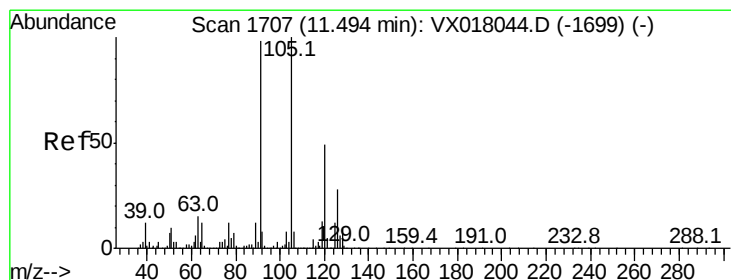
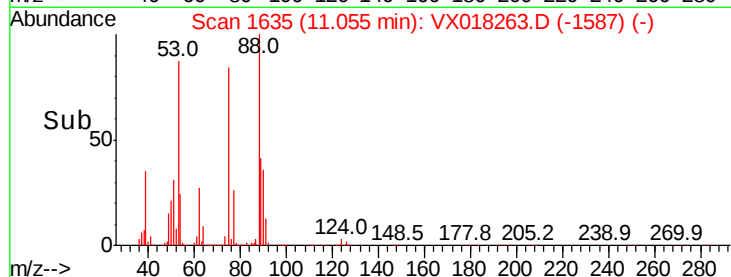
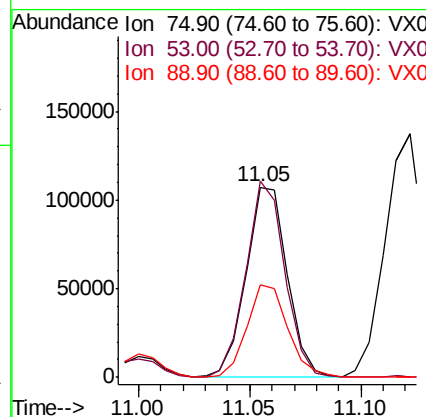
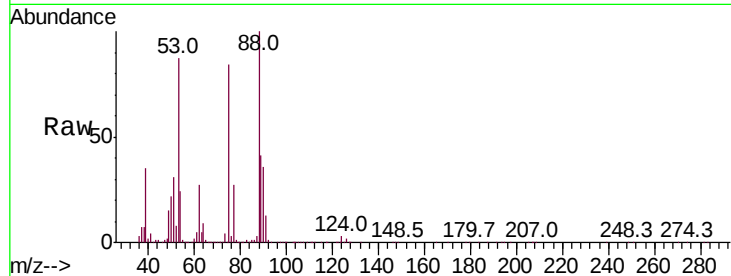




#81
trans-1,4-Dichloro-2-butene
Concen: 46.703 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

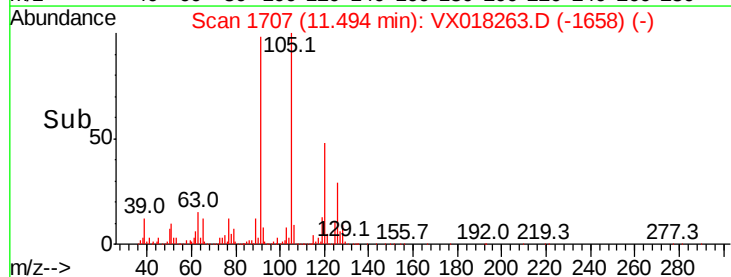
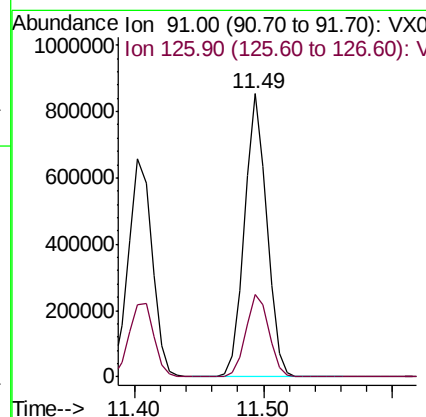
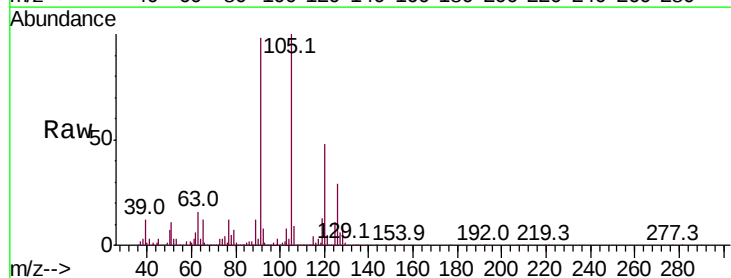
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

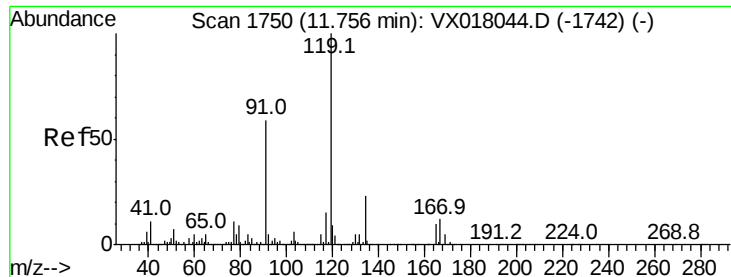
Tot Ion: 75 Resp: 137798
Ion Ratio Lower Upper
75 100
53 98.1 74.7 112.1
89 49.5 36.6 54.8



#82
4-Chlorotoluene
Concen: 51.728 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion: 91 Resp: 1019321
Ion Ratio Lower Upper
91 100
126 29.8 15.1 45.3





#83

tert-Butylbenzene

Concen: 52.160 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

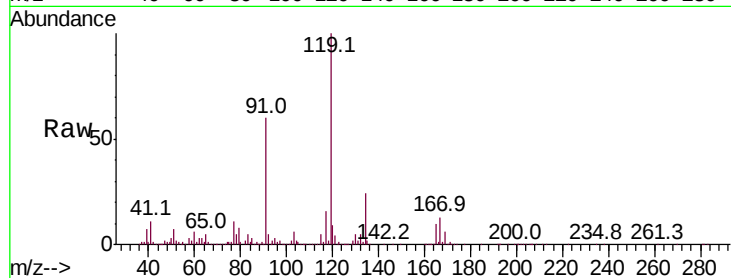
Tot Ion:119 Resp: 999489

Ion Ratio Lower Upper

119 100

91 59.2 28.2 84.7

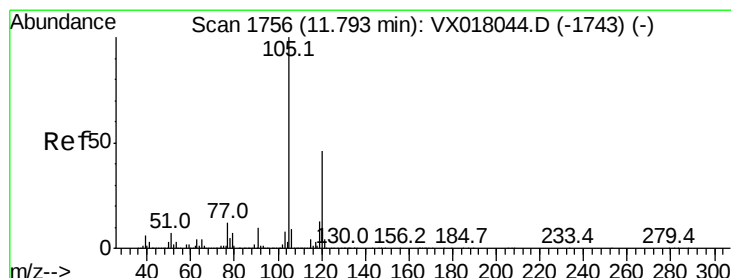
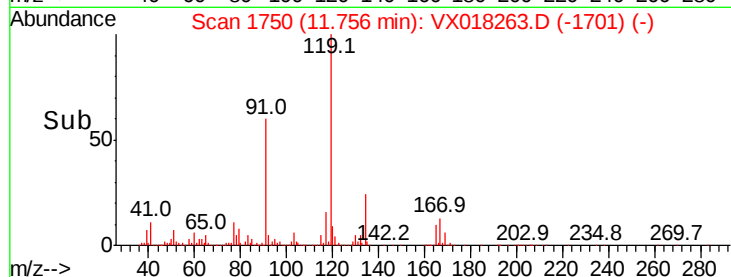
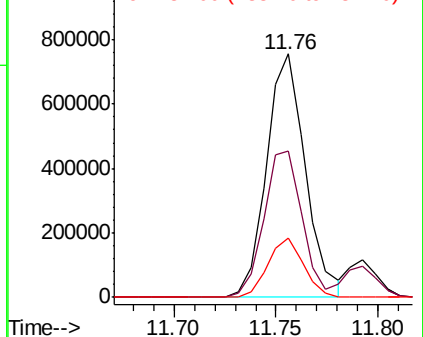
134 22.6 11.3 33.8



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: 53.954 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018263.D

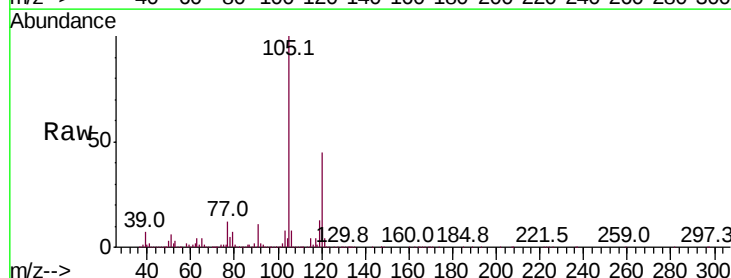
Acq: 08 Sep 2020 10:12

Tgt Ion:105 Resp: 1071088

Ion Ratio Lower Upper

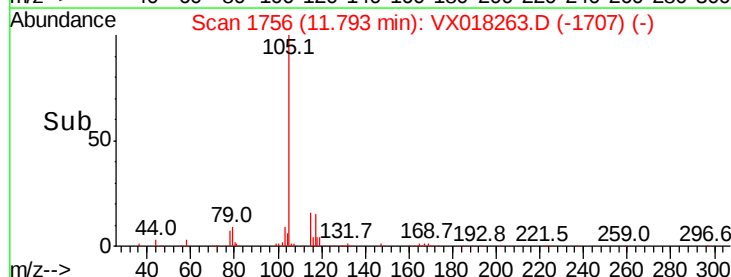
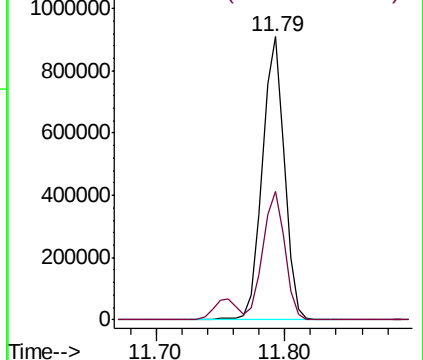
105 100

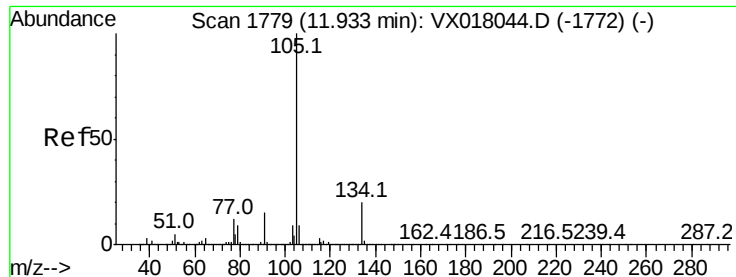
120 45.2 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.464 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

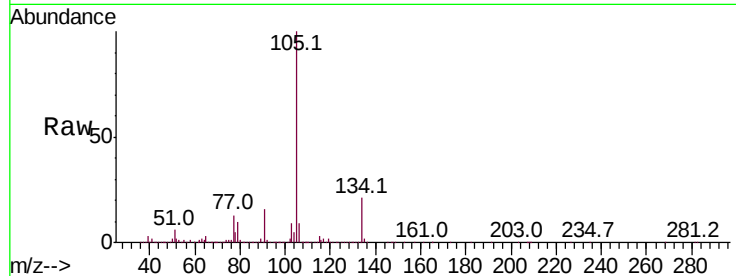
VSTDCCC050

Tot Ion:105 Resp: 1186814

Ion Ratio Lower Upper

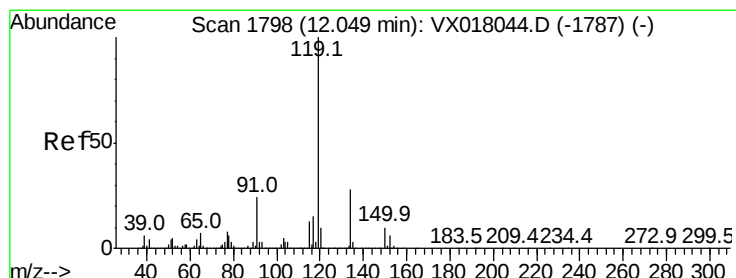
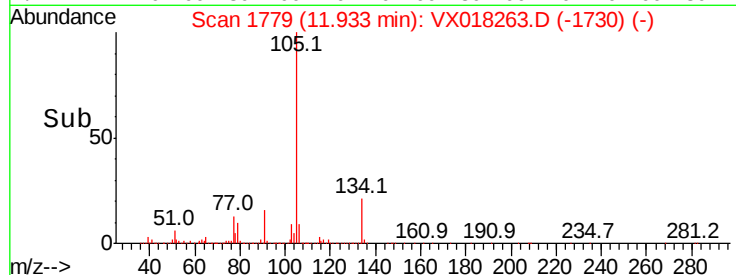
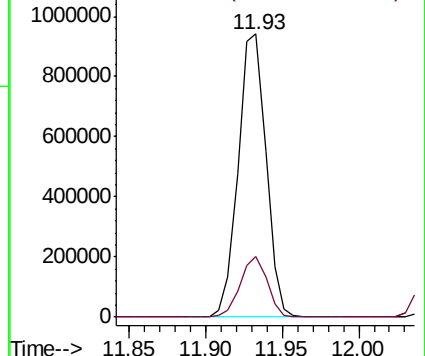
105 100

134 20.8 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: 56.733 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

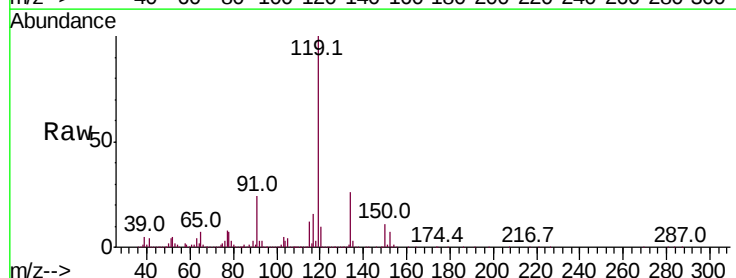
Tgt Ion:119 Resp: 1135588

Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

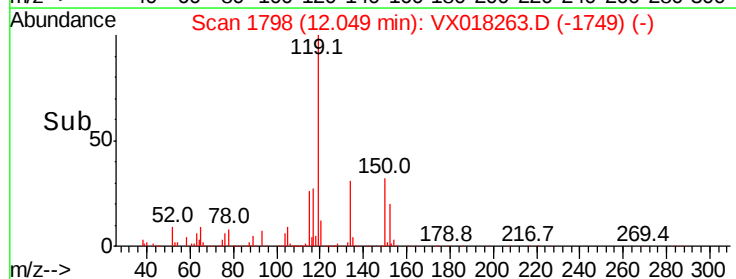
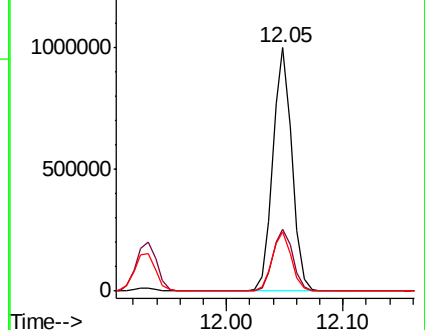
91 24.6 11.8 35.4

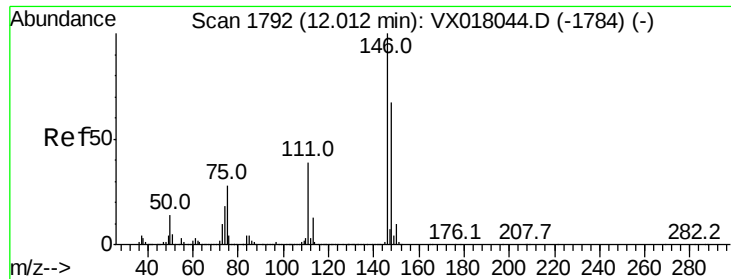


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 51.212 ug/l

RT: 12.01 min Scan# 1792

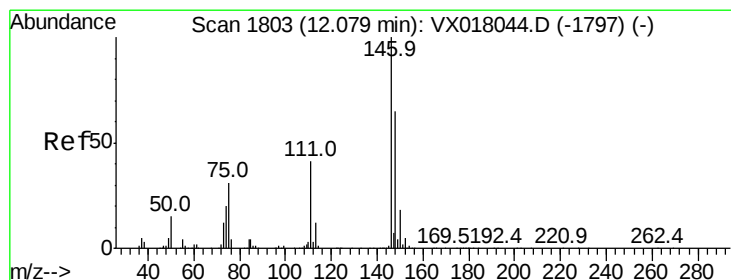
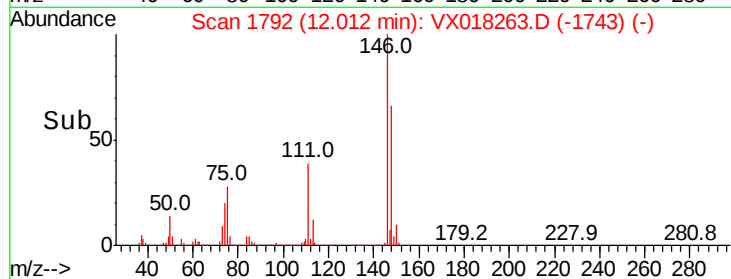
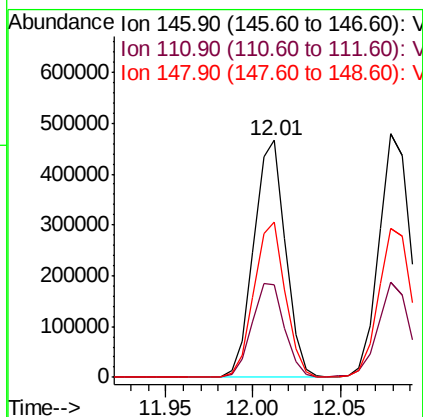
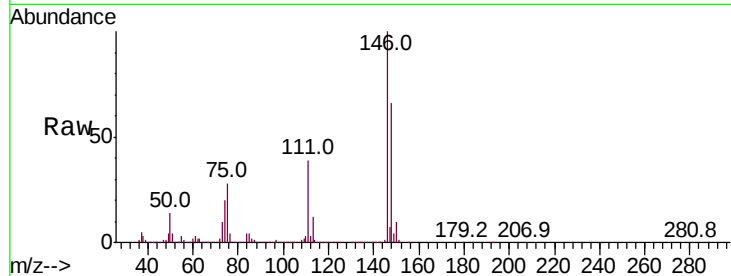
Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.8
148	64.4	33.1	99.2



#88

1,4-Dichlorobenzene

Concen: 51.823 ug/l

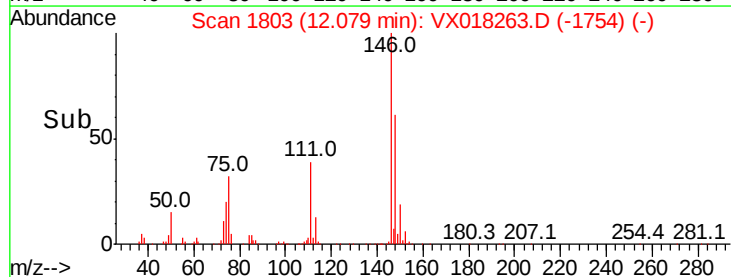
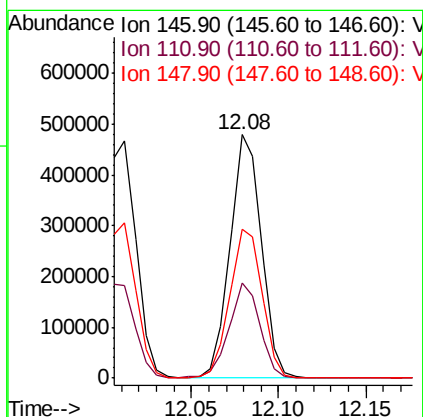
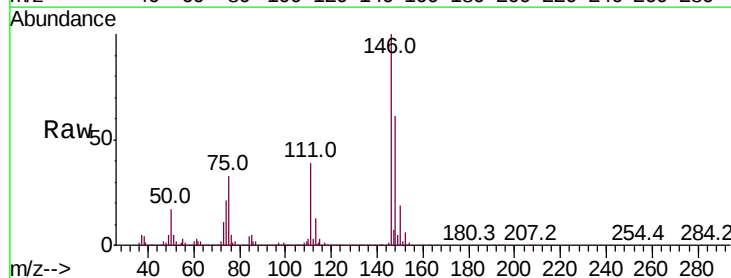
RT: 12.08 min Scan# 1803

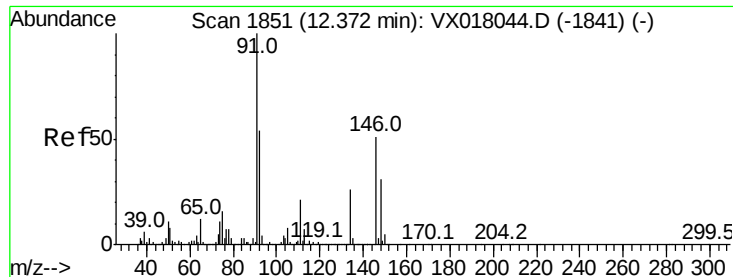
Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.3	60.8
148	63.5	33.1	99.2

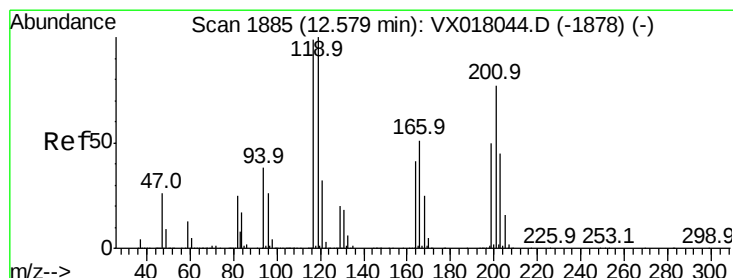
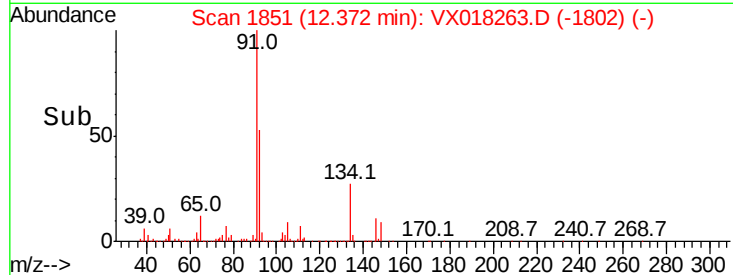
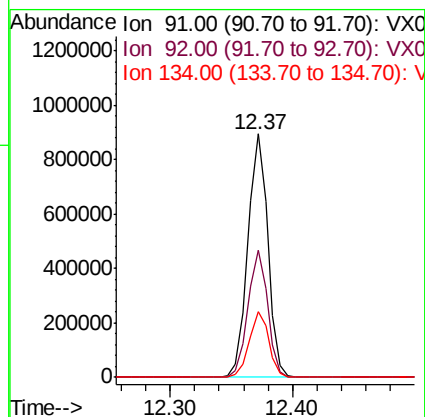
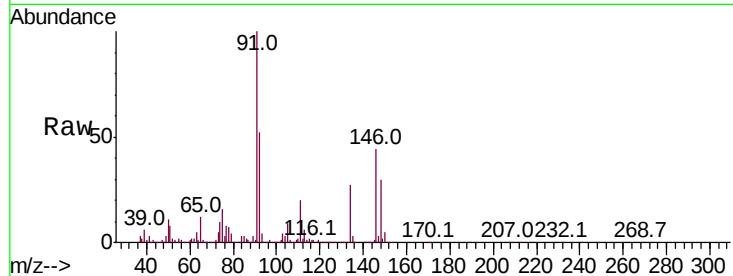




#89
n-Butylbenzene
Concen: 55.409 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

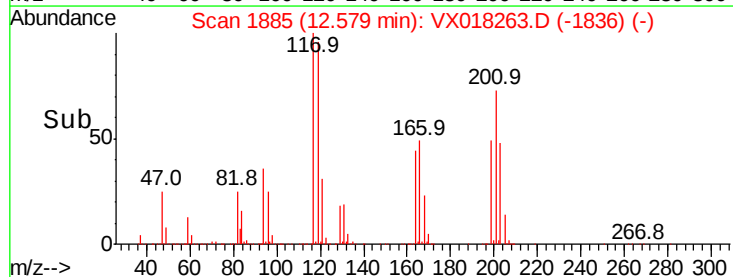
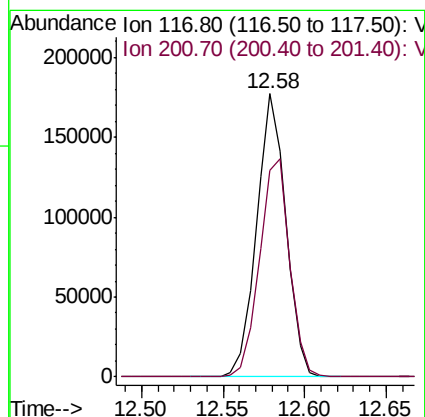
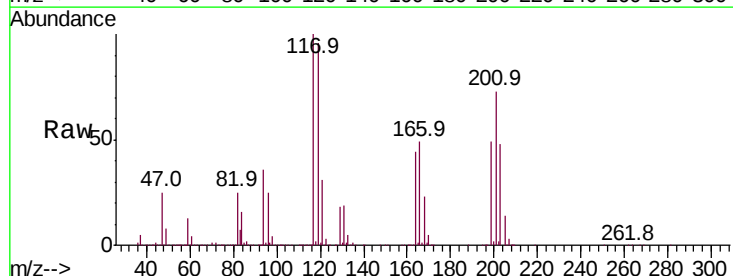
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

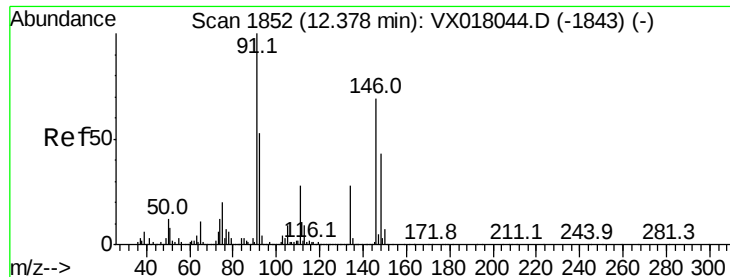
Tot Ion: 91 Resp: 1012288
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.2
134 26.5 12.9 38.7



#90
Hexachloroethane
Concen: 56.246 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion: 117 Resp: 221505
Ion Ratio Lower Upper
117 100
201 79.1 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 50.357 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

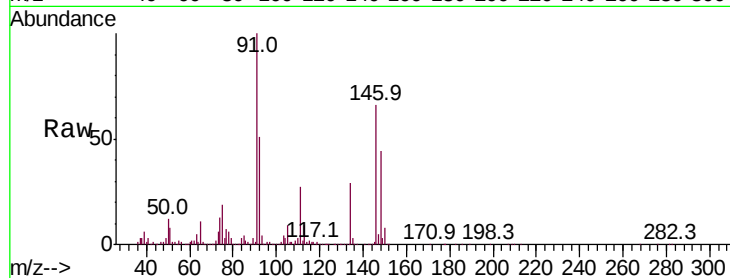
Tot Ion:146 Resp: 543579

Ion Ratio Lower Upper

146 100

111 42.8 20.8 62.5

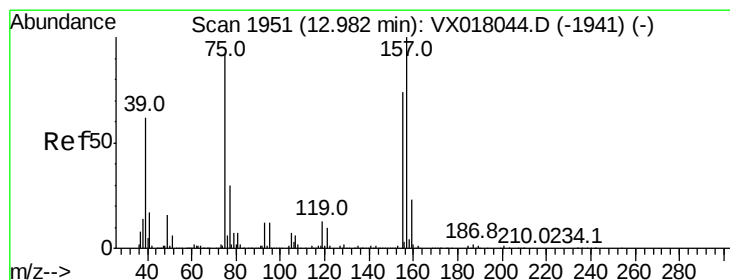
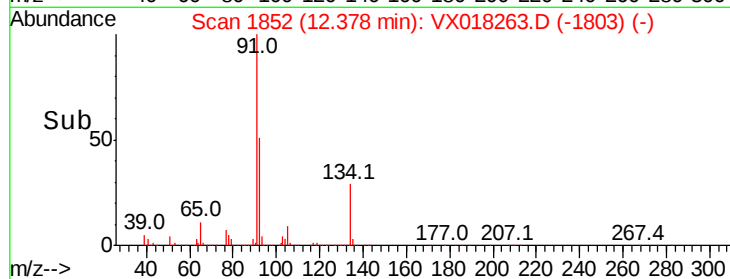
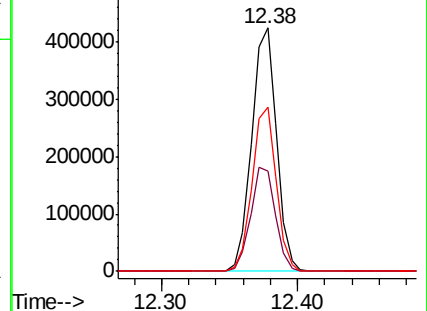
148 65.9 31.6 95.0



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: 43.523 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018263.D

Acq: 08 Sep 2020 10:12

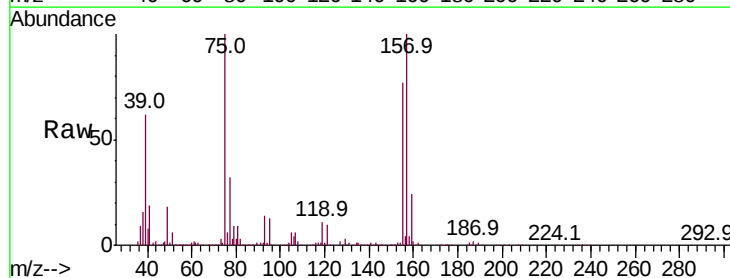
Tgt Ion: 75 Resp: 90710

Ion Ratio Lower Upper

75 100

155 83.0 40.2 120.6

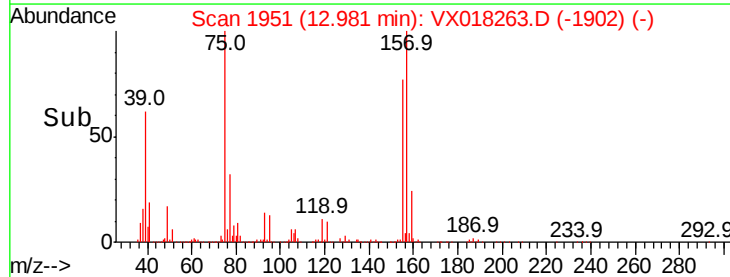
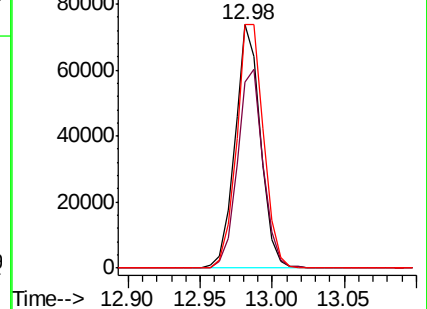
157 106.7 55.0 165.2

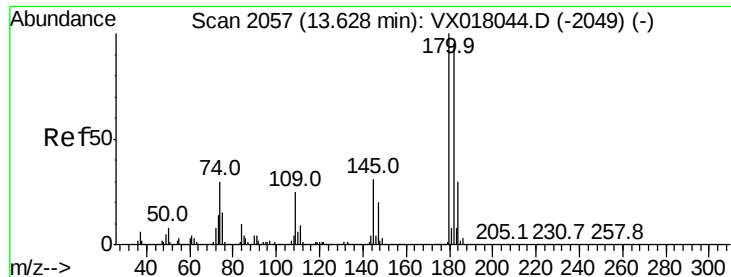


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

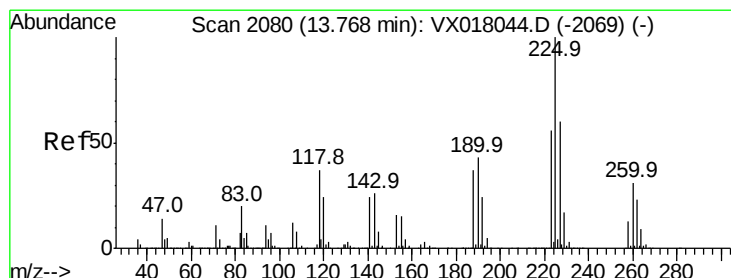
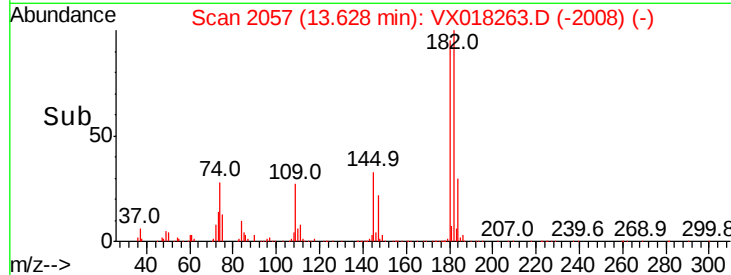
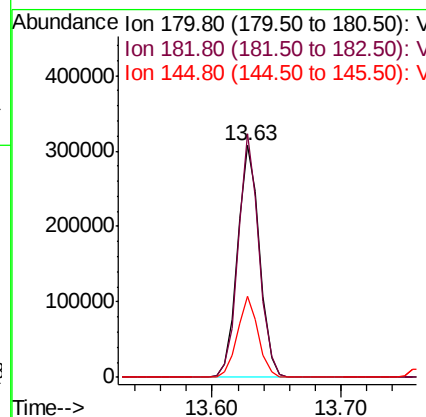
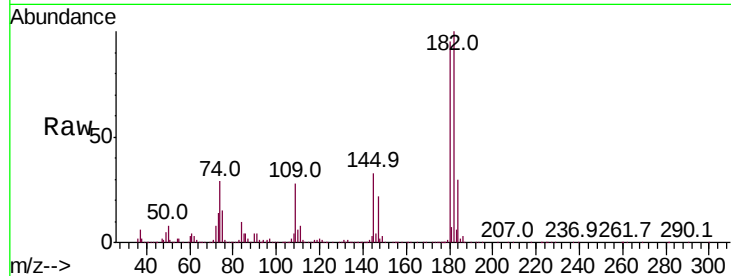




#93
 1,2,4-Trichlorobenzene
 Concen: 50.872 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018263.D
 Acq: 08 Sep 2020 10:12

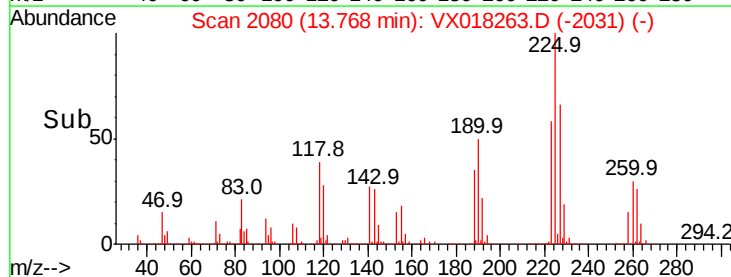
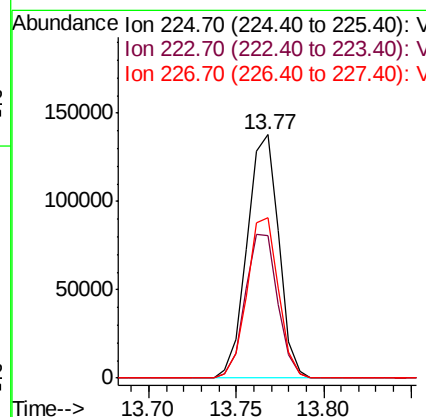
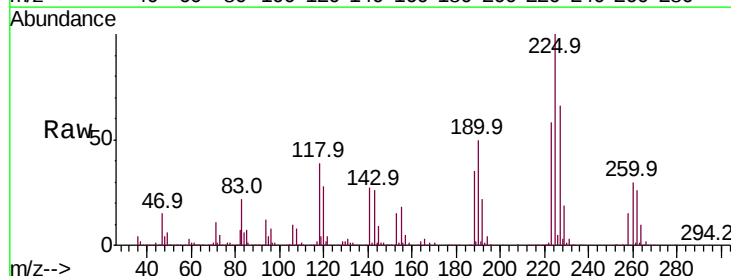
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

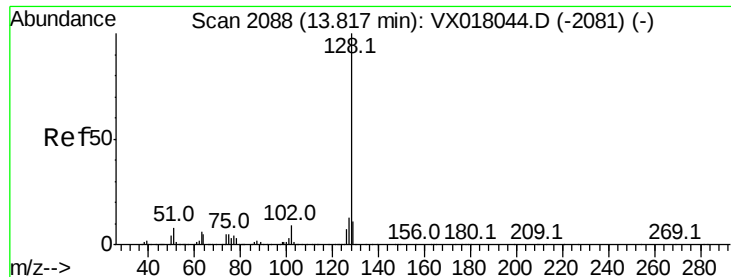
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.5	47.5	142.6
145	33.2	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 61.103 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018263.D
 Acq: 08 Sep 2020 10:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	30.7	92.1
227	65.3	32.6	97.8

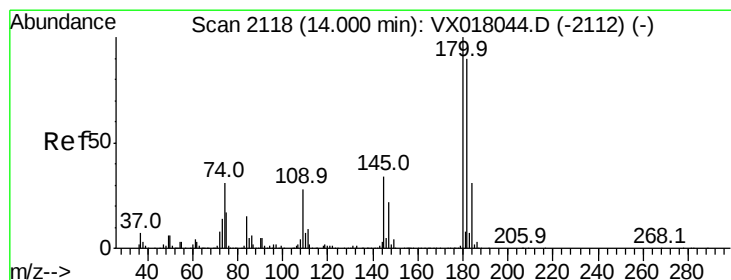
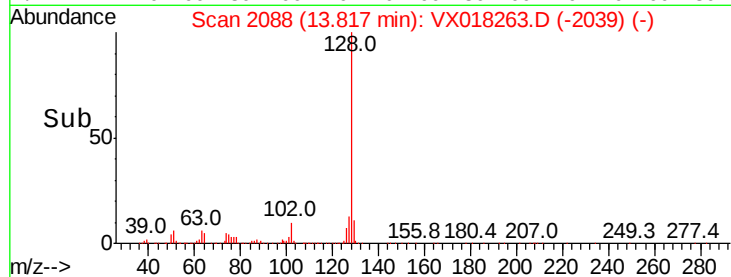
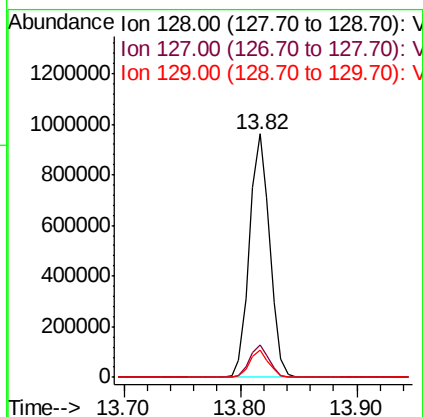
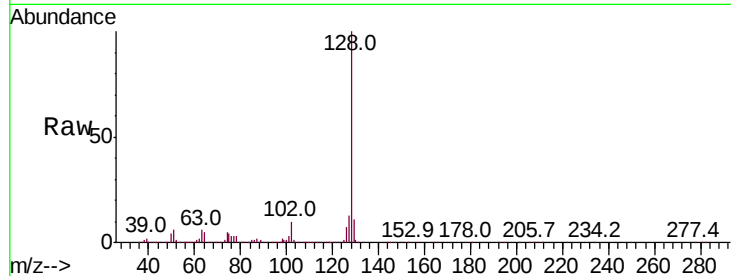




#95
Naphthalene
Concen: 49.333 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1168659
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.382 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018263.D
Acq: 08 Sep 2020 10:12

Tgt Ion:180 Resp: 372566
Ion Ratio Lower Upper
180 100
182 98.3 47.3 142.0
145 33.2 17.5 52.6

