

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070720\NOT REVIEWED DATA\
 Data File : VX017191.D
 Acq On : 07 Jul 2020 09:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 10 12:10:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	314252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	448159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	423998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236617	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	184565	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
35) Dibromofluoromethane	5.46	113	149265	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	8.70	98	532373	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.12	95	214904	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	138643	45.603	ug/l 98
3) Chloromethane	1.31	50	138460	37.625	ug/l 98
4) Vinyl Chloride	1.39	62	138735	40.633	ug/l 100
5) Bromomethane	1.62	94	74471	41.283	ug/l 97
6) Chloroethane	1.70	64	85771	42.534	ug/l 98
7) Trichlorofluoromethane	1.91	101	249110	49.332	ug/l 100
8) Diethyl Ether	2.17	74	80470	47.381	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	141834	46.864	ug/l 98
10) Methyl Iodide	2.49	142	160564	41.115	ug/l 99
11) Tert butyl alcohol	3.01	59	149740	202.608	ug/l 99
12) 1,1-Dichloroethene	2.36	96	130868	42.092	ug/l 98
13) Acrolein	2.27	56	159222	360.396	ug/l 97
14) Allyl chloride	2.70	41	236626	41.182	ug/l 97
15) Acrylonitrile	3.11	53	366397	206.226	ug/l 99
16) Acetone	2.42	43	308875	213.125	ug/l 97
17) Carbon Disulfide	2.55	76	370342	42.689	ug/l 100
18) Methyl Acetate	2.75	43	163665	43.260	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	479949	45.996	ug/l 99
20) Methylene Chloride	2.83	84	153983	46.269	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	154344	44.734	ug/l 99
22) Diisopropyl ether	3.82	45	474479	44.617	ug/l 94
23) Vinyl Acetate	3.78	43	2040850	223.327	ug/l 100
24) 1,1-Dichloroethane	3.67	63	268819	44.426	ug/l 99
25) 2-Butanone	4.63	43	488717	202.380	ug/l 100
26) 2,2-Dichloropropane	4.55	77	252058	46.914	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	168464	43.092	ug/l 99
28) Bromochloromethane	4.98	49	115613	39.264	ug/l 94
29) Tetrahydrofuran	5.09	42	317755	199.152	ug/l 98
30) Chloroform	5.17	83	281240	45.340	ug/l 100
31) Cyclohexane	5.54	56	223036	42.643	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	264089	46.229	ug/l 99
36) 1,1-Dichloropropene	5.76	75	207438	48.974	ug/l 98
37) Ethyl Acetate	4.79	43	194414	45.238	ug/l 99
38) Carbon Tetrachloride	5.75	117	242327	51.943	ug/l 98

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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)
39) Methylcyclohexane	7.44	83	237001	50.290	ug/l	97
40) Benzene	6.11	78	595205	47.827	ug/l	99
41) Methacrylonitrile	5.00	41	110950	45.871	ug/l	99
42) 1,2-Dichloroethane	6.16	62	227954	50.710	ug/l	100
43) Isopropyl Acetate	6.41	43	323736	45.333	ug/l	99
44) Trichloroethene	7.18	130	179130	52.174	ug/l	100
45) 1,2-Dichloropropane	7.49	63	155570	48.670	ug/l	98
46) Dibromomethane	7.63	93	108718	49.819	ug/l	96
47) Bromodichloromethane	7.87	83	229806	51.099	ug/l	96
48) Methyl methacrylate	7.74	41	162855	48.001	ug/l	98
49) 1,4-Dioxane	7.71	88	68690	893.677	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	995993	233.972	ug/l	100
52) Toluene	8.76	92	389479	50.126	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	247633	49.906	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	268761	50.527	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	157761	49.695	ug/l	98
56) Ethyl methacrylate	9.16	69	227823	50.420	ug/l	98
57) 1,3-Dichloropropane	9.35	76	259124	48.239	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	566989	252.129	ug/l	98
59) 2-Hexanone	9.47	43	763706	245.648	ug/l	100
60) Dibromochloromethane	9.56	129	197242	53.494	ug/l	98
61) 1,2-Dibromoethane	9.65	107	166210	48.708	ug/l	100
64) Tetrachloroethene	9.32	164	179423	52.433	ug/l	97
65) Chlorobenzene	10.12	112	432878	49.466	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	172638	51.189	ug/l	99
67) Ethyl Benzene	10.23	91	739304	50.588	ug/l	99
68) m/p-Xylenes	10.34	106	578198	103.039	ug/l	97
69) o-Xylene	10.68	106	273568	51.248	ug/l	99
70) Styrene	10.70	104	485907	53.453	ug/l	99
71) Bromoform	10.84	173	152199	56.909	ug/l	98
73) Isopropylbenzene	11.00	105	749108	48.334	ug/l	100
74) N-amyl acetate	10.88	43	296872	44.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	217908	44.697	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	275562	59.223	ug/l	86
77) Bromobenzene	11.24	156	206761	48.540	ug/l	96
78) n-propylbenzene	11.34	91	856943	48.894	ug/l	99
79) 2-Chlorotoluene	11.40	91	521855	49.198	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	650081	50.567	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	81501	45.360	ug/l	90
82) 4-Chlorotoluene	11.49	91	625305	49.313	ug/l	100
83) tert-Butylbenzene	11.76	119	637743	50.535	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	668163	51.231	ug/l	100
85) sec-Butylbenzene	11.93	105	736278	49.634	ug/l	100
86) p-Isopropyltoluene	12.05	119	712571	51.600	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	369363	47.744	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	372423	51.051	ug/l	99
89) n-Butylbenzene	12.37	91	595646	48.306	ug/l	99
90) Hexachloroethane	12.58	117	132737	48.742	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	347926	48.113	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50027	43.015	ug/l	97

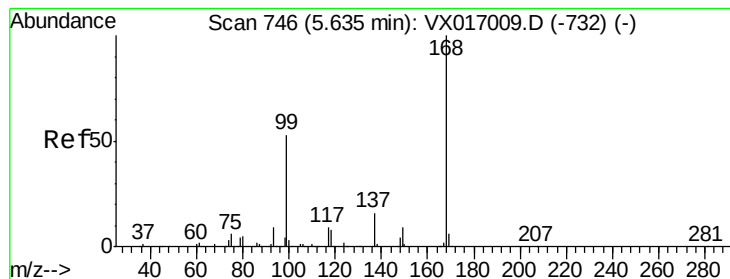
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	234627	47.536	ug/l	97
94) Hexachlorobutadiene	13.77	225	92119	49.191	ug/l	98
95) Naphthalene	13.82	128	719726	47.964	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	232964	48.771	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

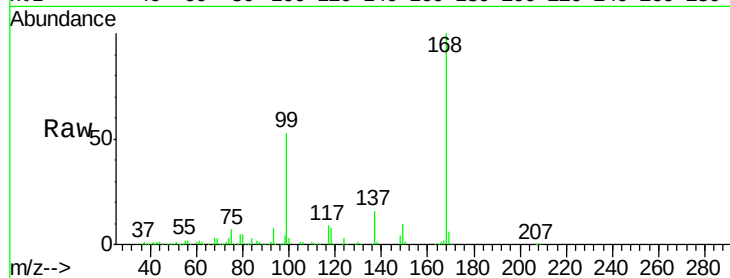
VSTDCCC050

Tgt Ion:168 Resp: 314252

Ion Ratio Lower Upper

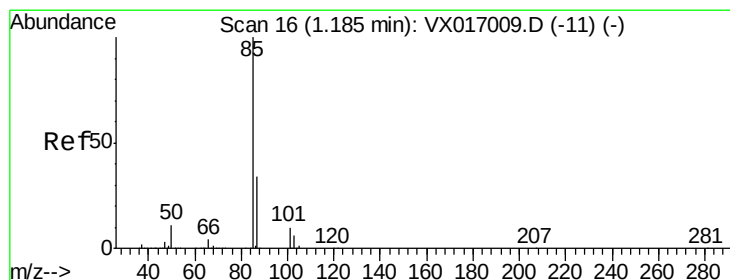
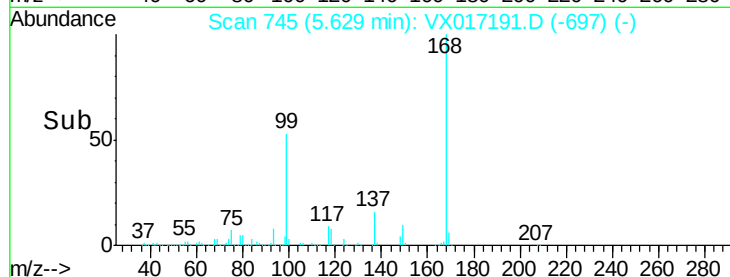
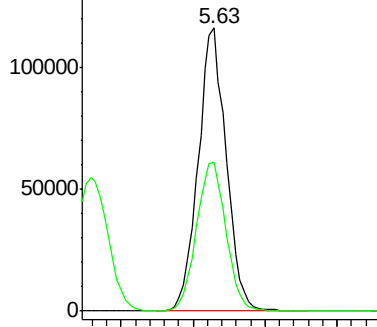
168 100

99 52.6 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.603 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017191.D

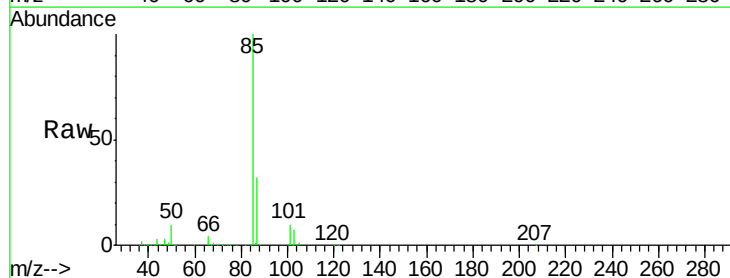
Acq: 07 Jul 2020 09:50

Tgt Ion: 85 Resp: 138643

Ion Ratio Lower Upper

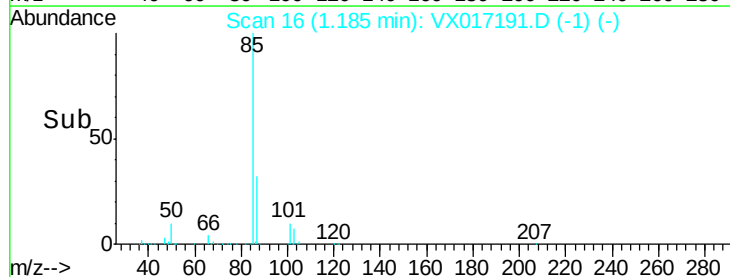
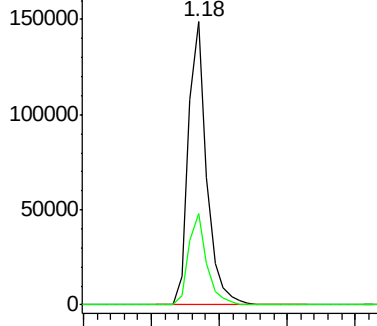
85 100

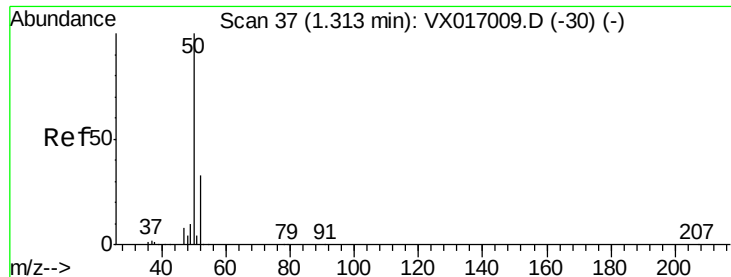
87 32.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 37.625 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

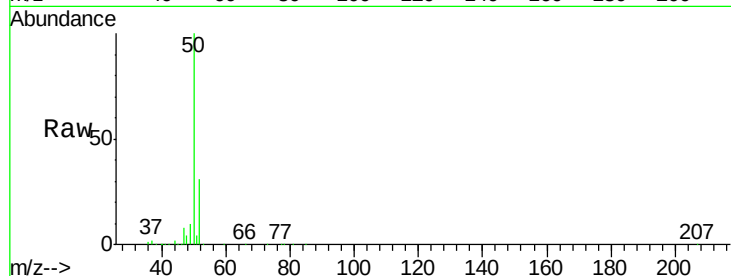
VSTDCCC050

Tgt Ion: 50 Resp: 138460

Ion Ratio Lower Upper

50 100

52 31.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

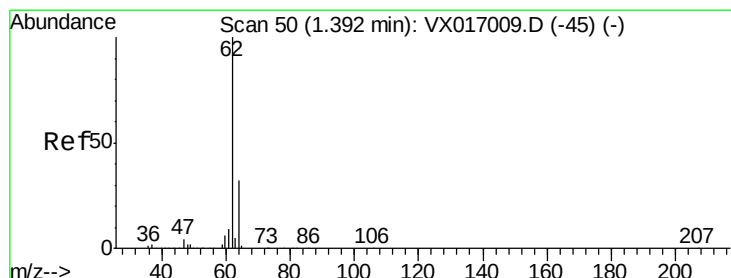
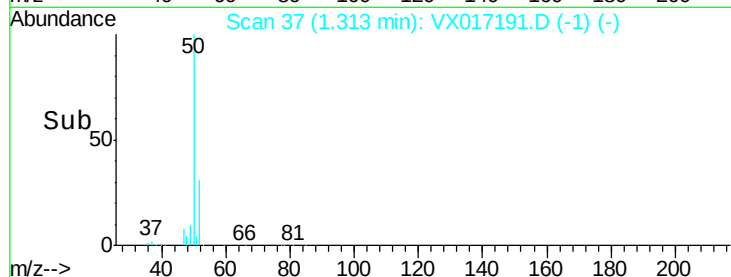
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 40.633 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017191.D

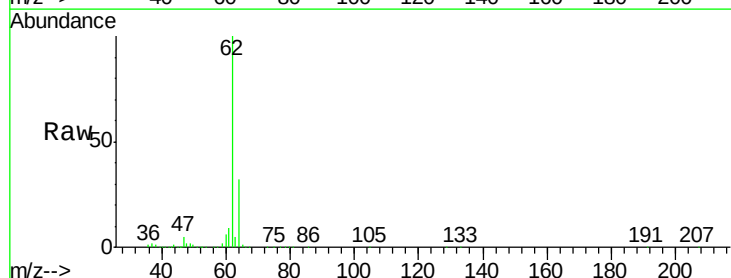
Acq: 07 Jul 2020 09:50

Tgt Ion: 62 Resp: 138735

Ion Ratio Lower Upper

62 100

64 32.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

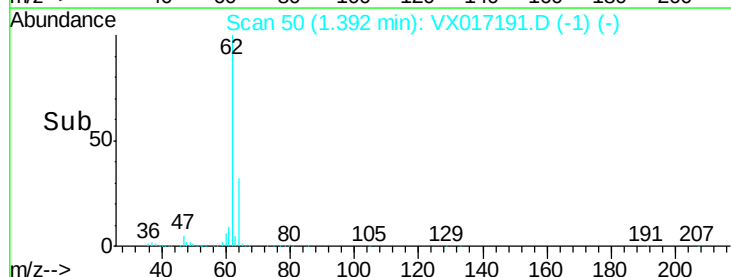
150000

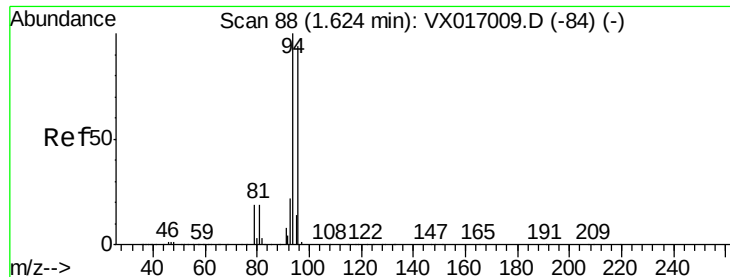
100000

50000

0

Time-->





#5

Bromomethane

Concen: 41.283 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

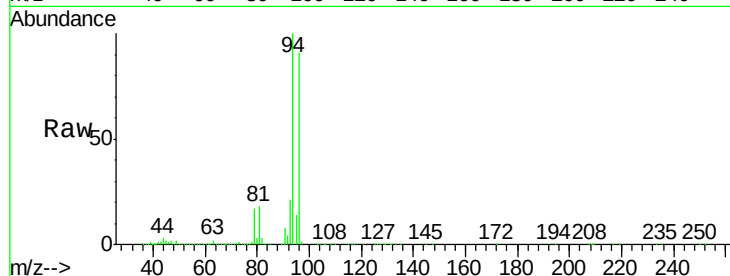
VSTDCCC050

Tgt Ion: 94 Resp: 74471

Ion Ratio Lower Upper

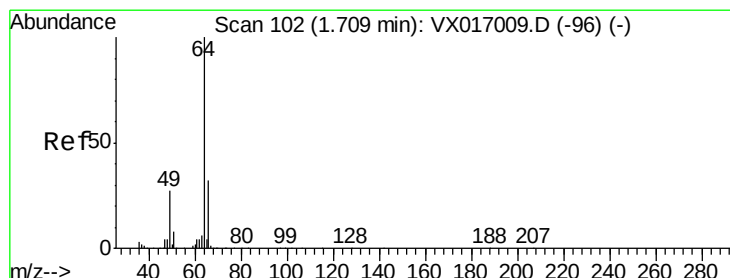
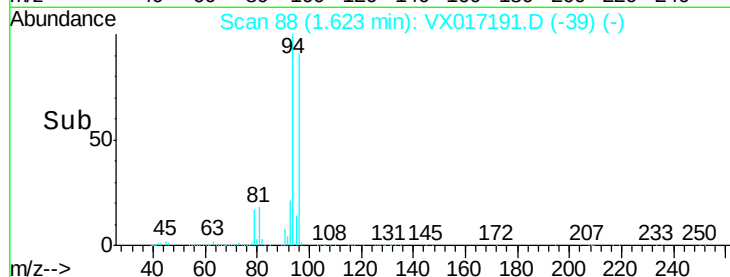
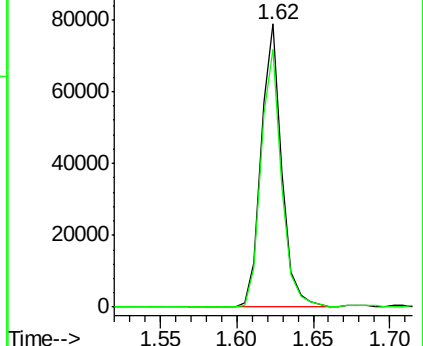
94 100

96 90.9 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 42.534 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017191.D

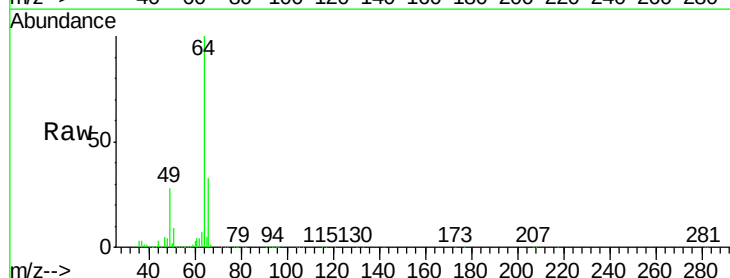
Acq: 07 Jul 2020 09:50

Tgt Ion: 64 Resp: 85771

Ion Ratio Lower Upper

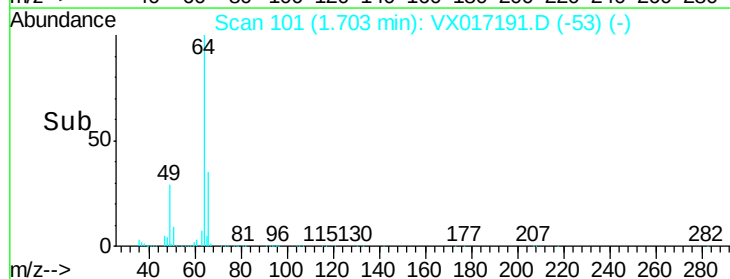
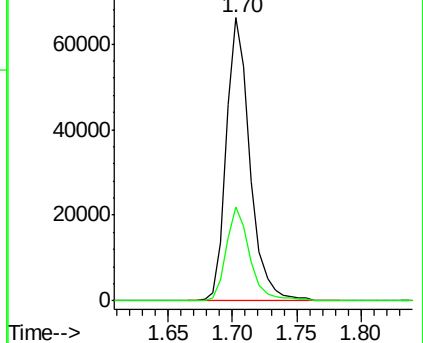
64 100

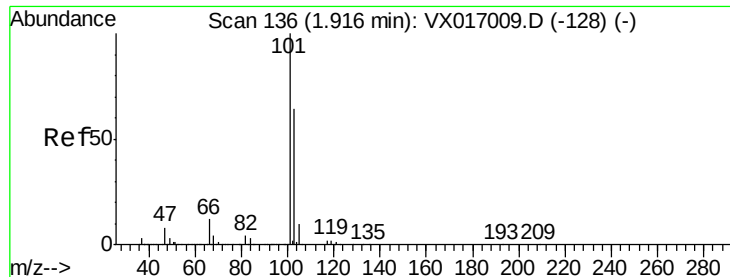
66 33.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



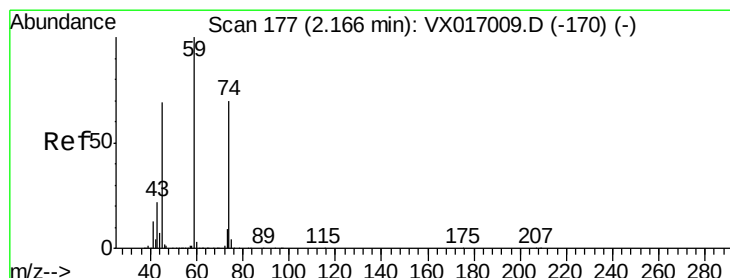
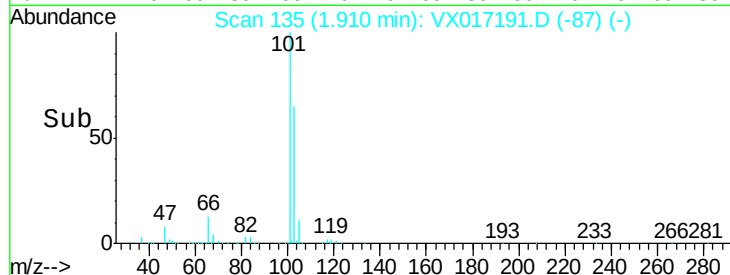
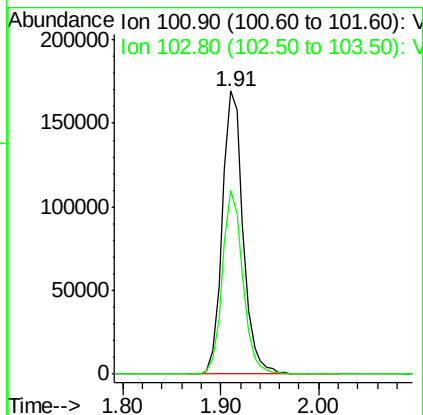
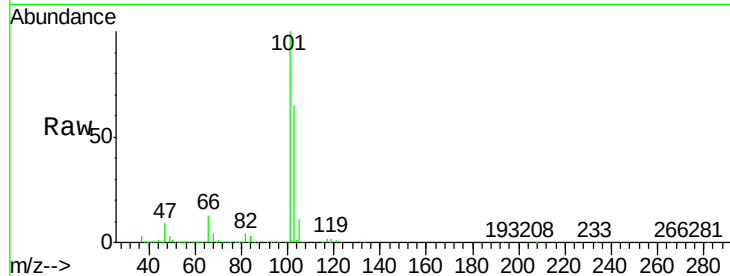


#7

Trichlorofluoromethane
 Concen: 49.332 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

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 MSVOA_X
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 VSTDCCC050

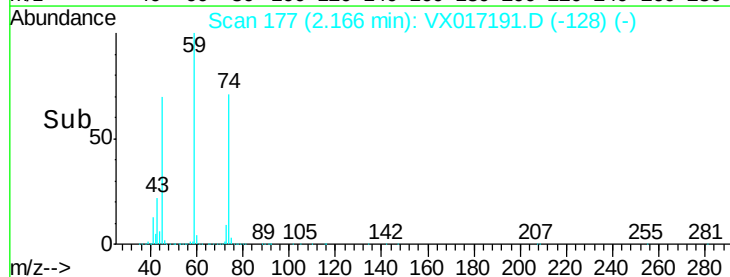
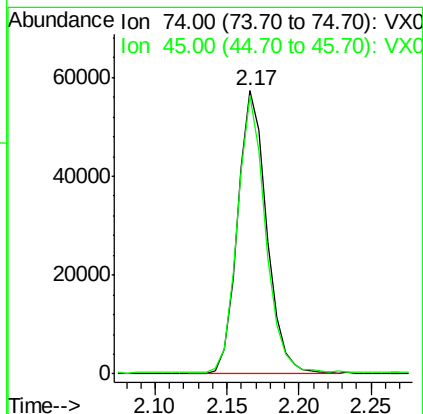
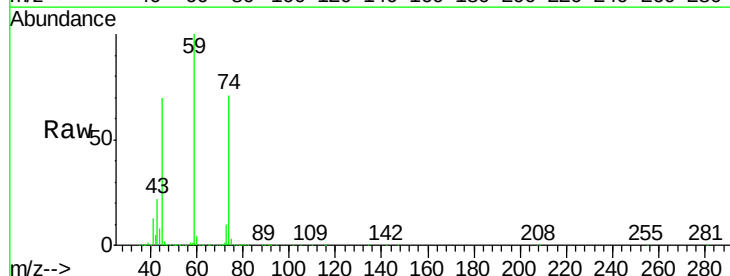
Tgt Ion: 101 Resp: 249110
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.5 77.3

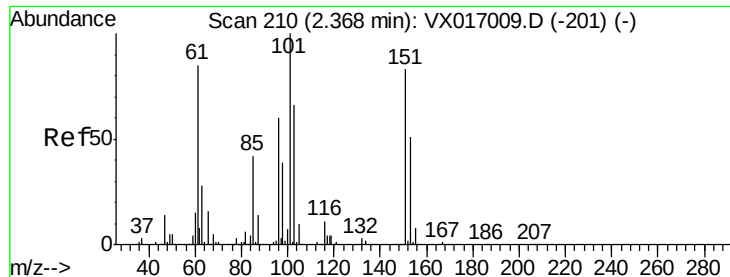


#8

Diethyl Ether
 Concen: 47.381 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion: 74 Resp: 80470
 Ion Ratio Lower Upper
 74 100
 45 94.7 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.864 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

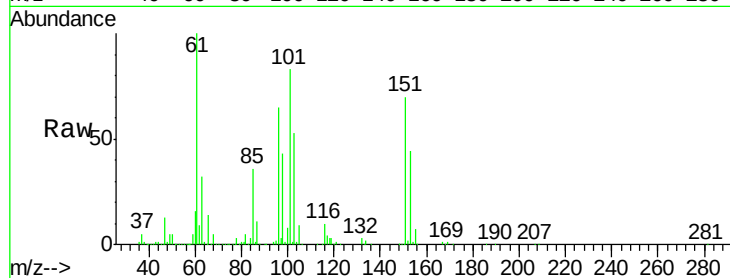
Tgt Ion:101 Resp: 141834

Ion Ratio Lower Upper

101 100

85 43.2 33.5 50.3

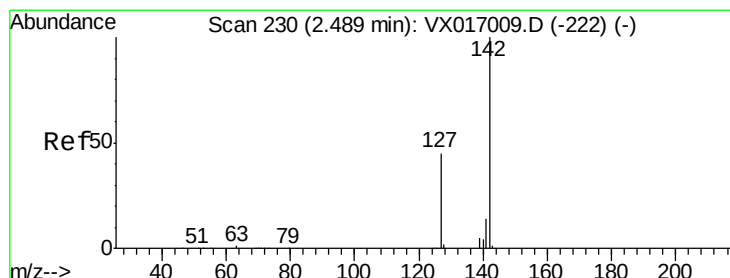
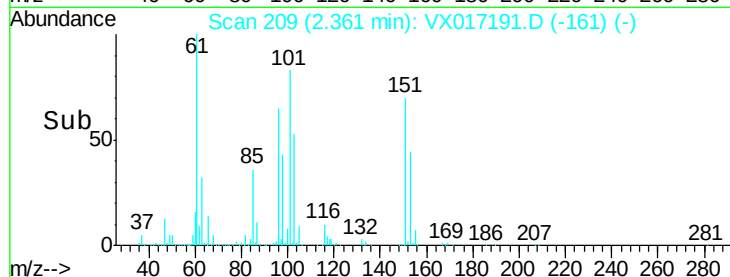
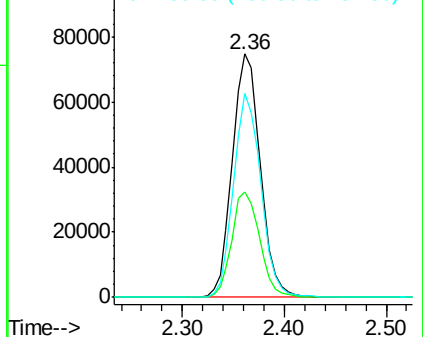
151 82.0 63.8 95.6



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: 41.115 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

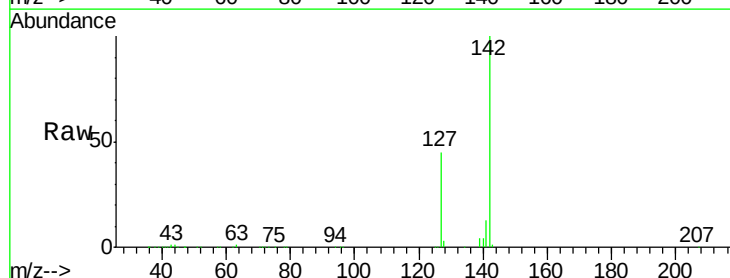
Tgt Ion:142 Resp: 160564

Ion Ratio Lower Upper

142 100

127 44.9 36.6 54.8

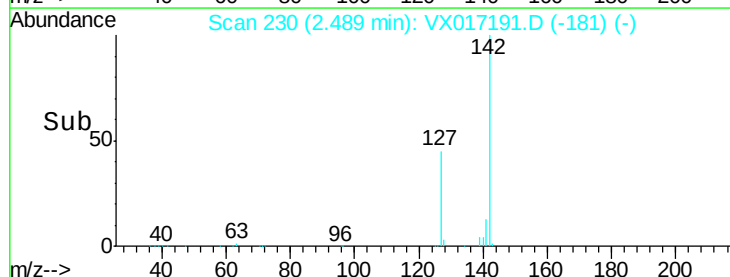
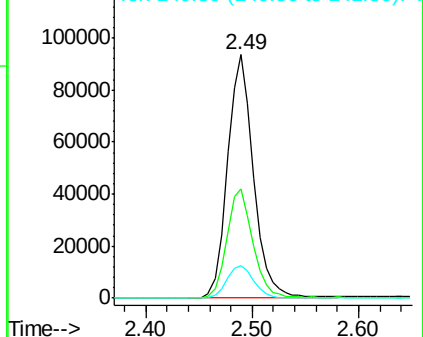
141 14.1 11.6 17.4

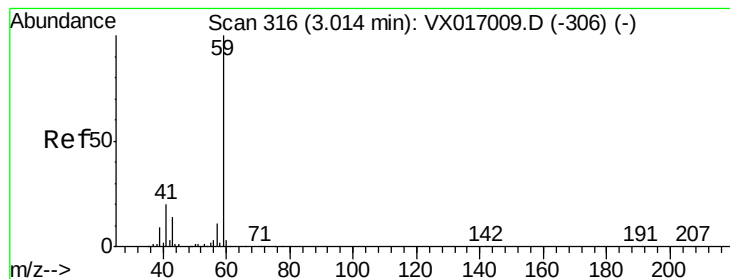


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



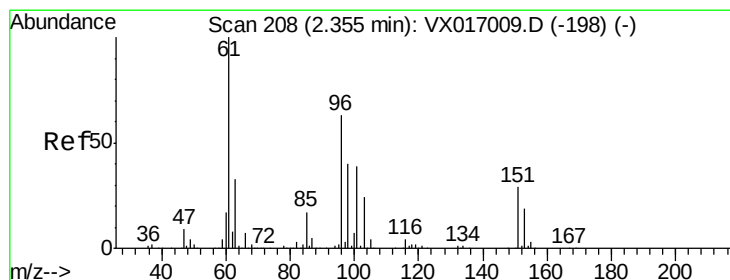
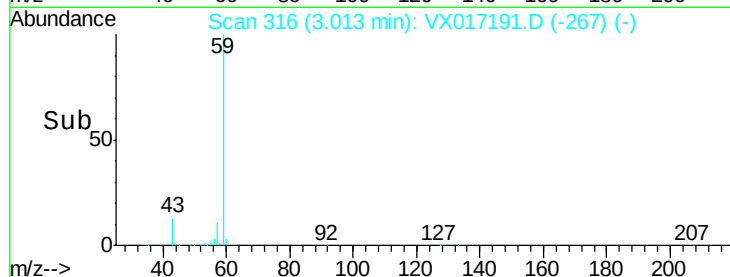
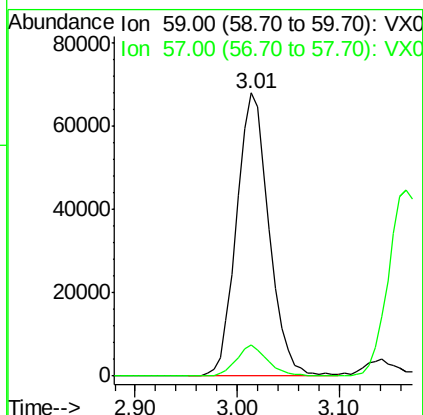
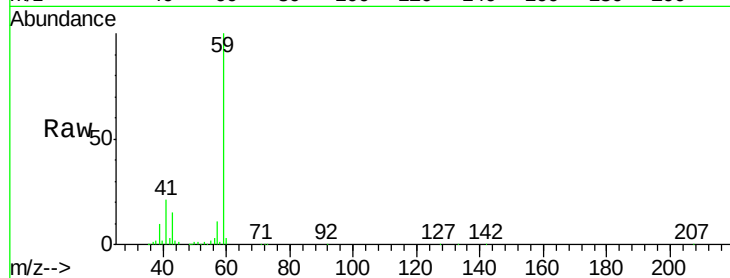


#11

Tert butyl alcohol
 Concen: 202.608 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

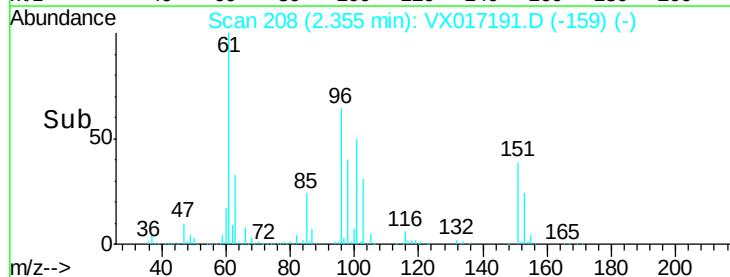
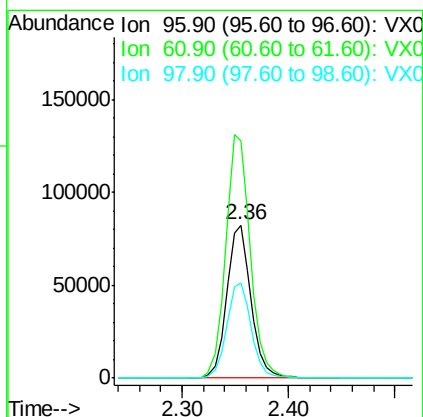
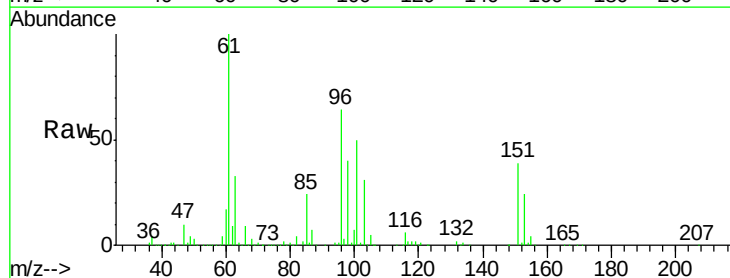
Tgt Ion: 59 Resp: 149740
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

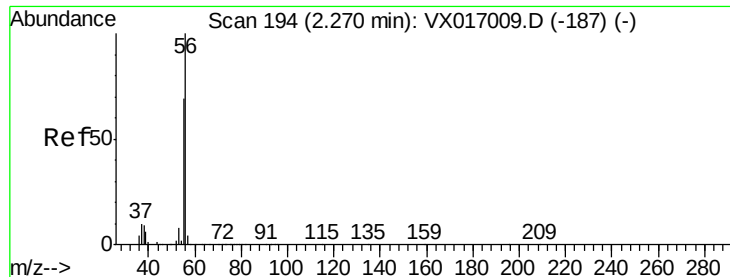


#12

1,1-Dichloroethene
 Concen: 42.092 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion: 96 Resp: 130868
 Ion Ratio Lower Upper
 96 100
 61 155.4 126.3 189.5
 98 62.6 51.0 76.6





#13

Acrolein

Concen: 360.396 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

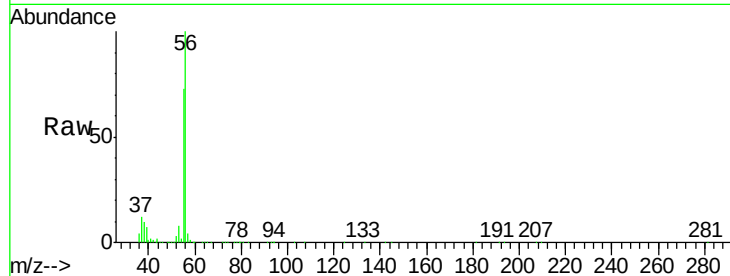
VSTDCCC050

Tgt Ion: 56 Resp: 159222

Ion Ratio Lower Upper

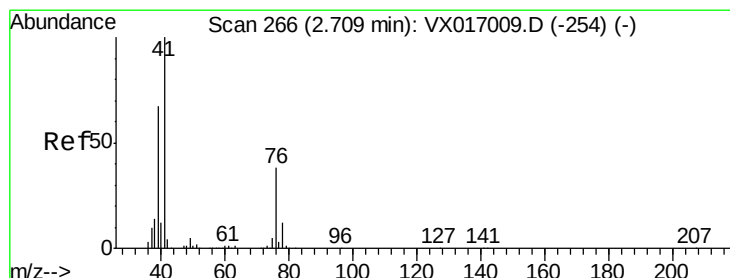
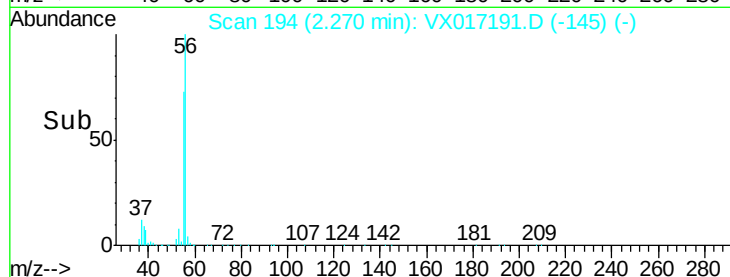
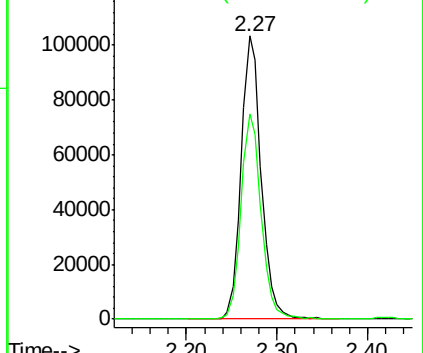
56 100

55 71.8 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 41.182 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

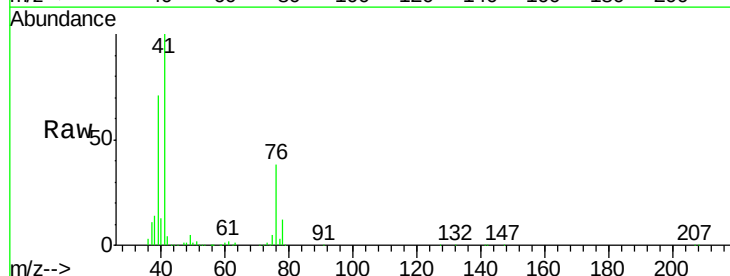
Tgt Ion: 41 Resp: 236626

Ion Ratio Lower Upper

41 100

39 64.9 49.4 74.2

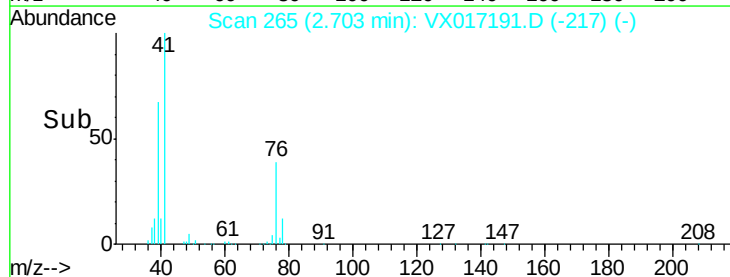
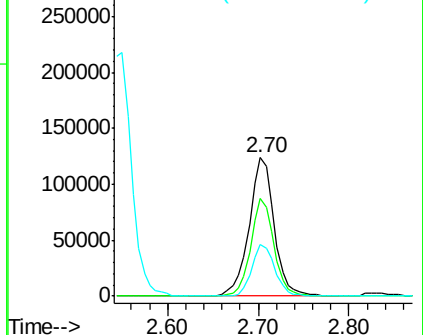
76 34.1 26.8 40.2

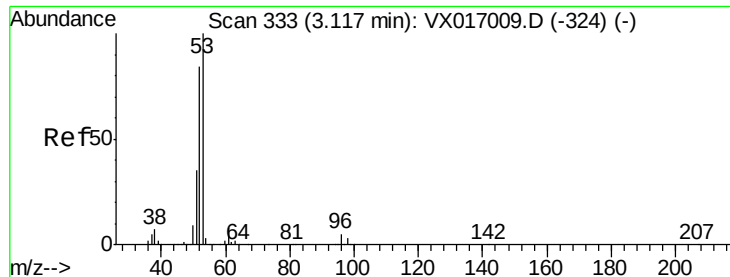


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 206.226 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

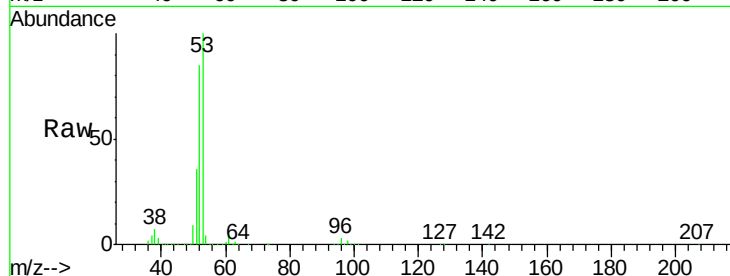
Tgt Ion: 53 Resp: 366397

Ion Ratio Lower Upper

53 100

52 82.7 65.6 98.4

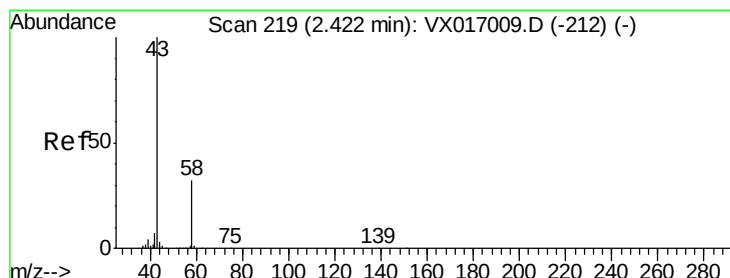
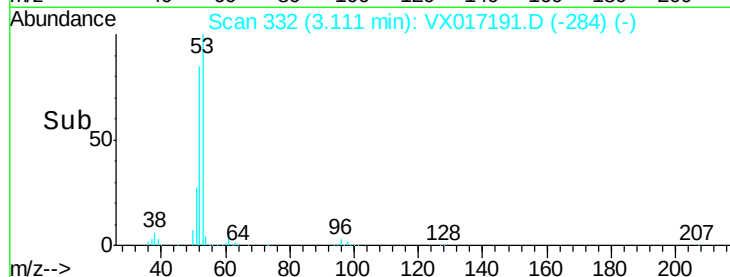
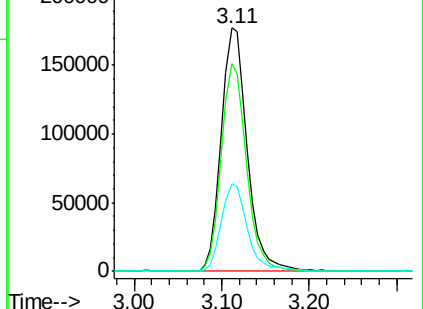
51 36.7 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 213.125 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017191.D

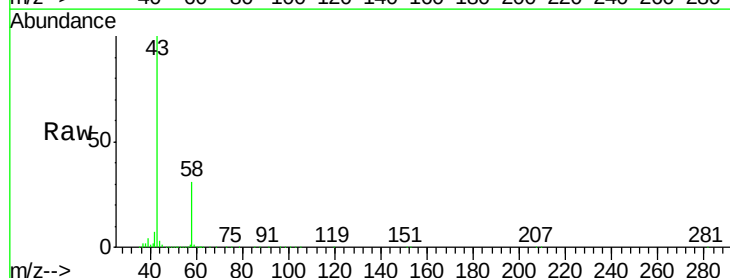
Acq: 07 Jul 2020 09:50

Tgt Ion: 43 Resp: 308875

Ion Ratio Lower Upper

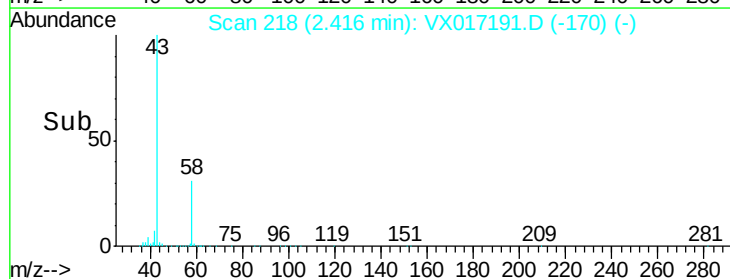
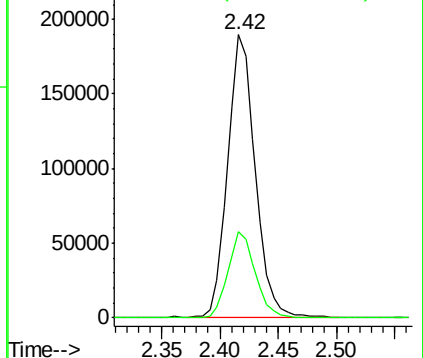
43 100

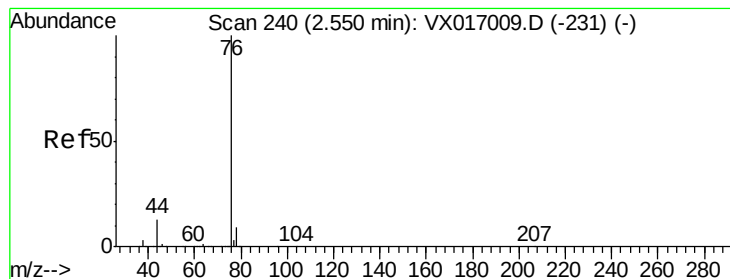
58 30.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.689 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

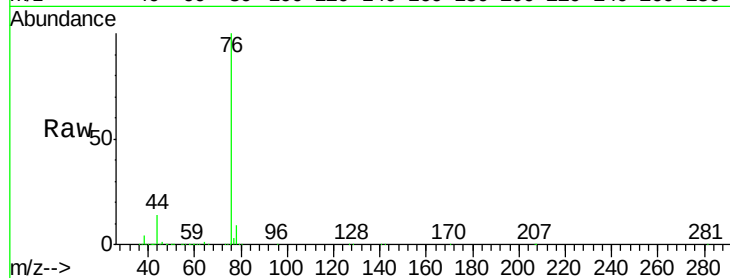
VSTDCCC050

Tgt Ion: 76 Resp: 370342

Ion Ratio Lower Upper

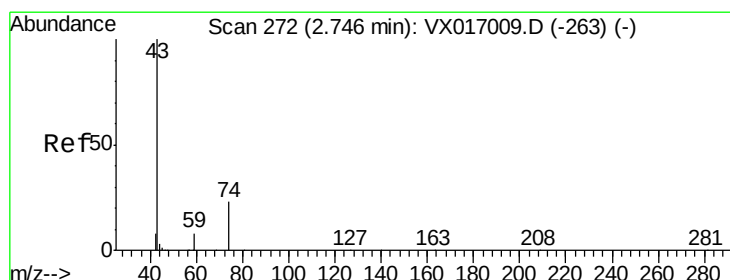
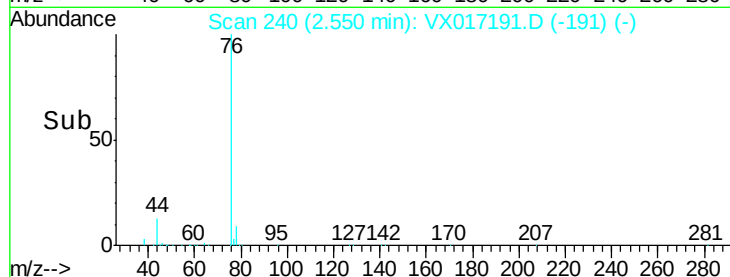
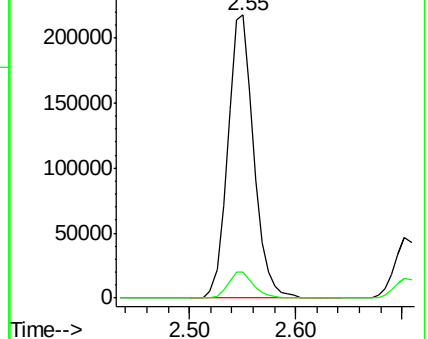
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.260 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX017191.D

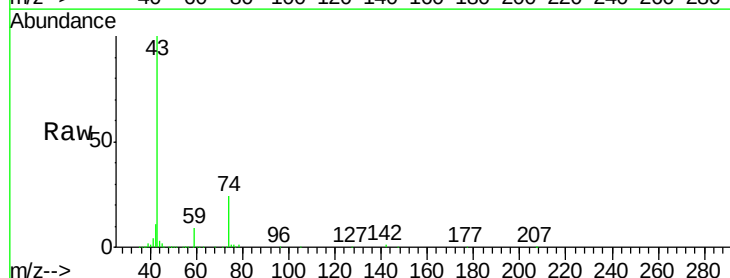
Acq: 07 Jul 2020 09:50

Tgt Ion: 43 Resp: 163665

Ion Ratio Lower Upper

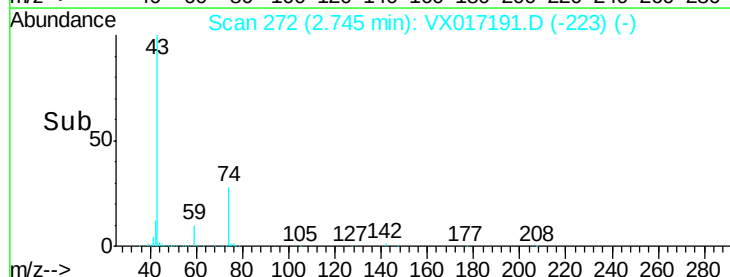
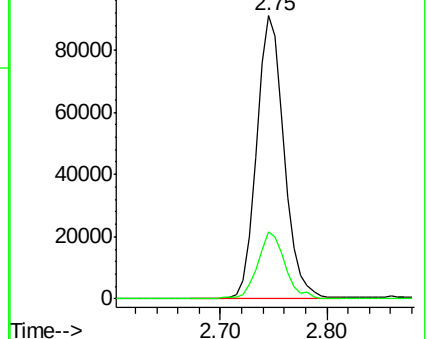
43 100

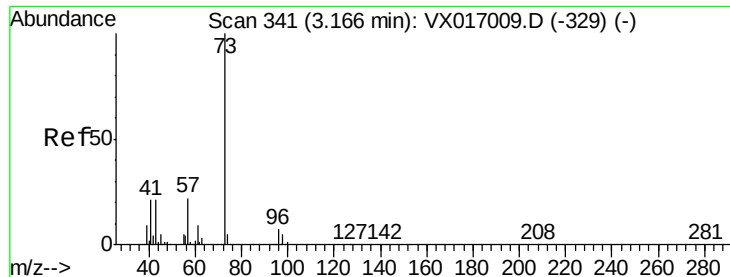
74 23.6 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 45.996 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

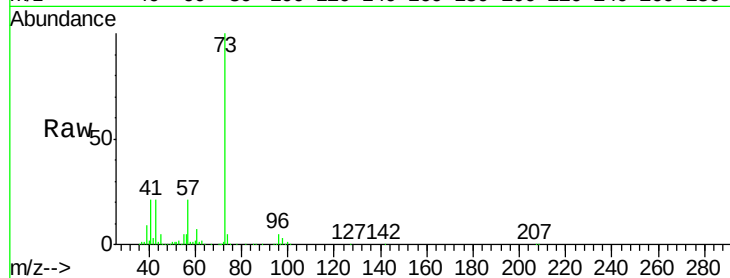
VSTDCCC050

Tgt Ion: 73 Resp: 479949

Ion Ratio Lower Upper

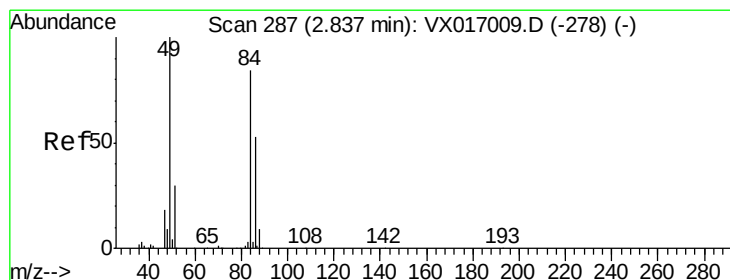
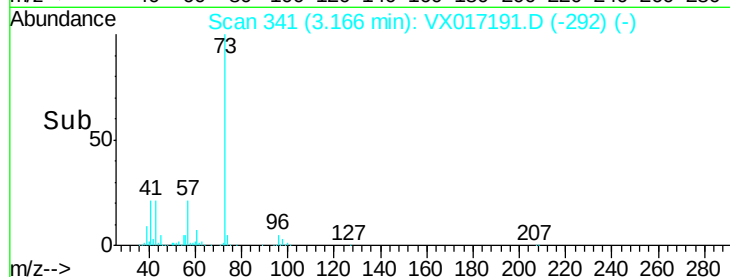
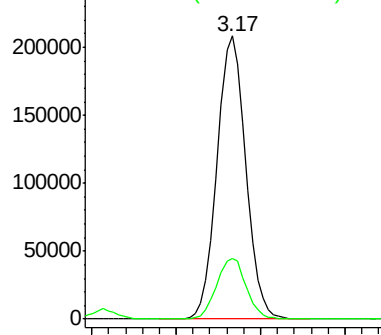
73 100

57 21.4 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 46.269 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Tgt Ion: 84 Resp: 153983

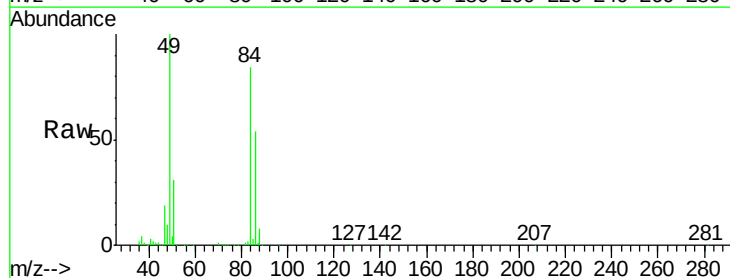
Ion Ratio Lower Upper

84 100

49 119.1 94.7 142.1

51 36.4 28.6 42.8

86 63.9 50.5 75.7

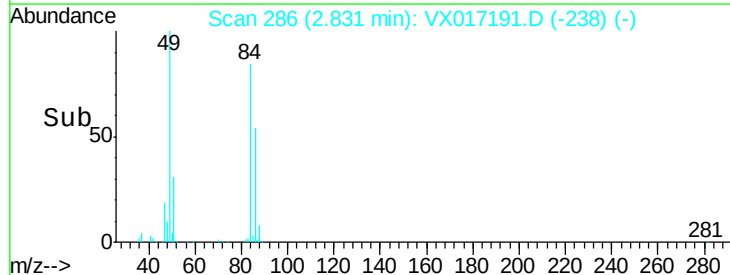
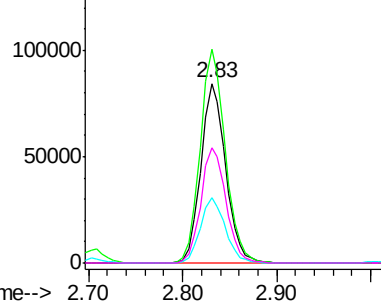


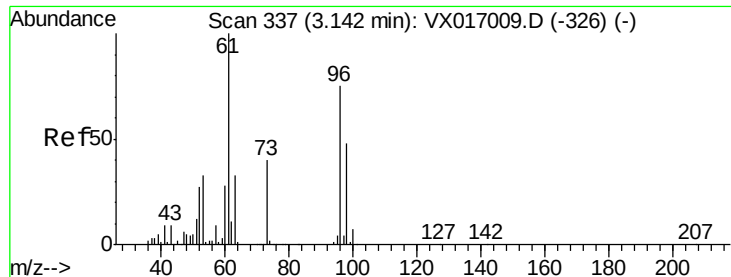
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 44.734 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

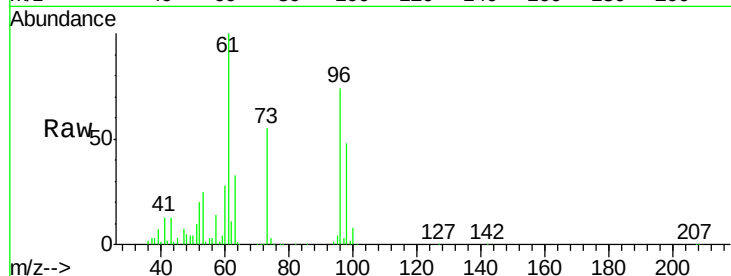
Tgt Ion: 96 Resp: 154344

Ion Ratio Lower Upper

96 100

61 134.5 107.0 160.6

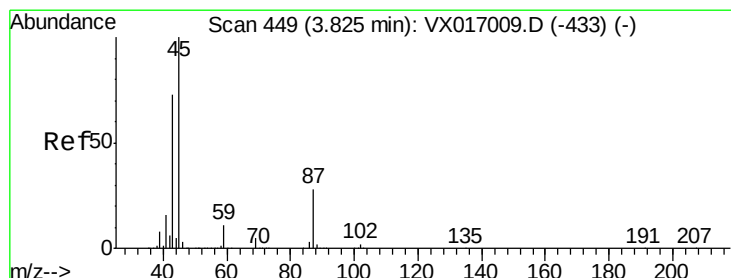
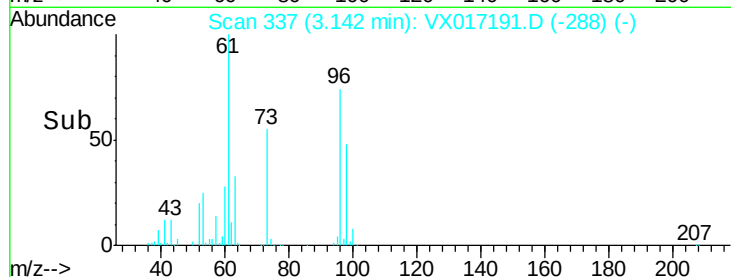
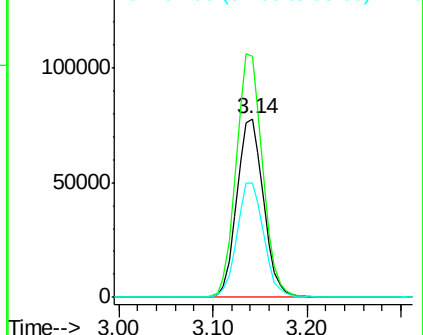
98 64.0 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 44.617 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Tgt Ion: 45 Resp: 474479

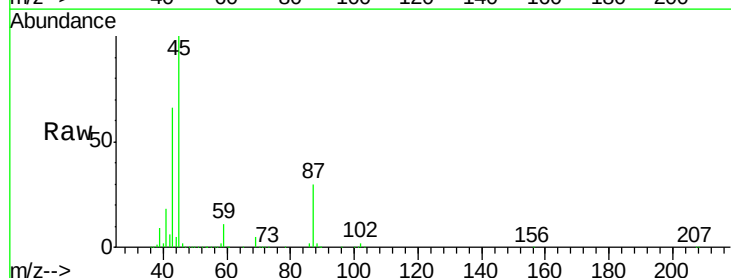
Ion Ratio Lower Upper

45 100

43 66.1 58.6 88.0

87 29.6 22.6 34.0

59 11.4 8.7 13.1

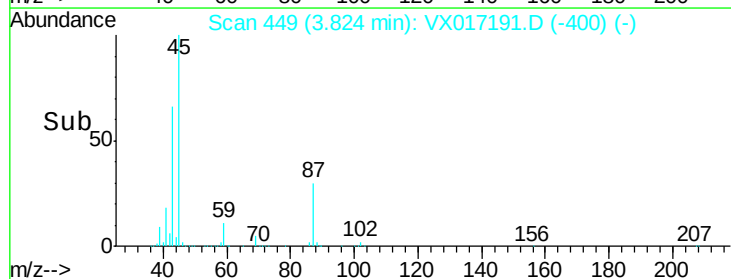
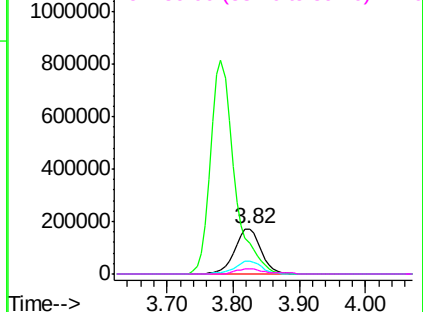


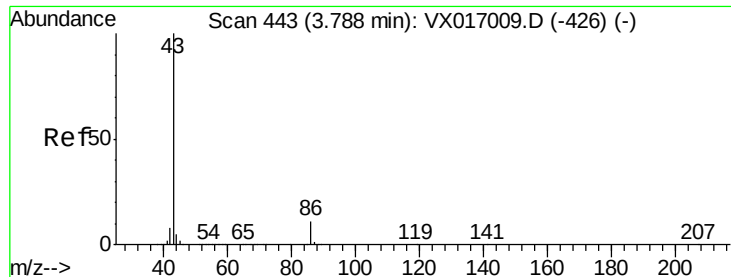
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 223.327 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

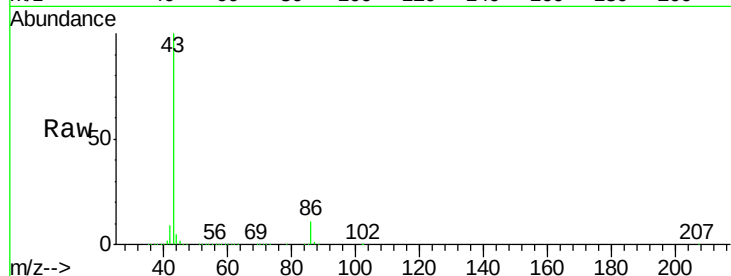
VSTDCCC050

Tgt Ion: 43 Resp: 2040850

Ion Ratio Lower Upper

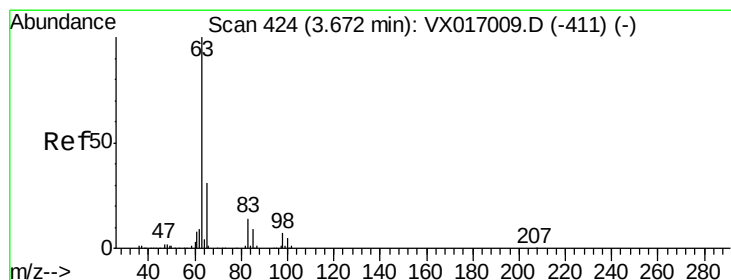
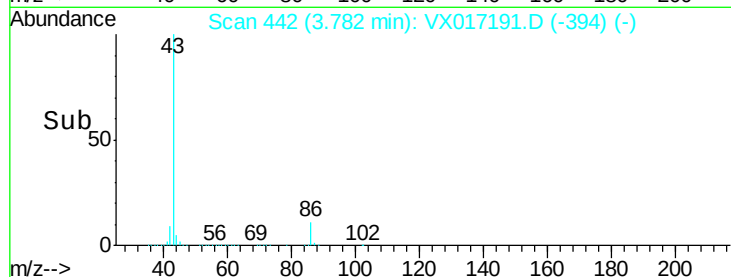
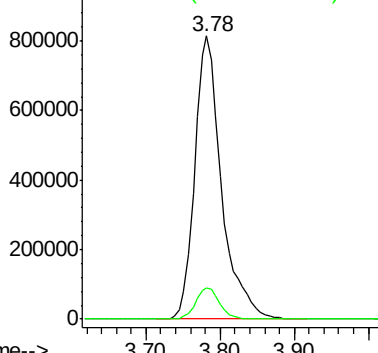
43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.426 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

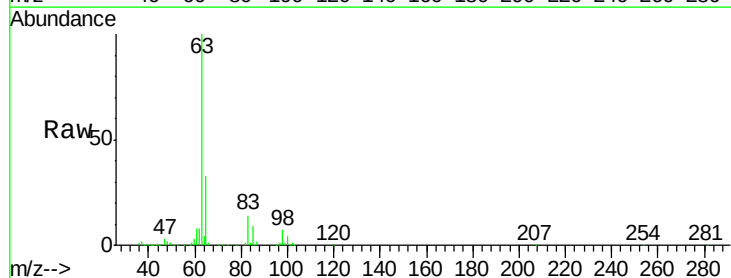
Tgt Ion: 63 Resp: 268819

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

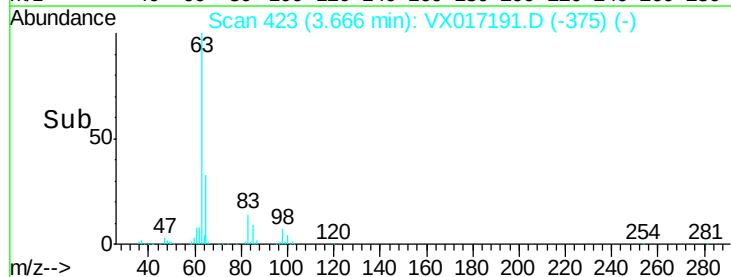
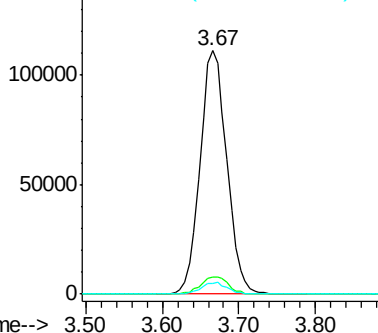
100 4.4 2.4 7.1

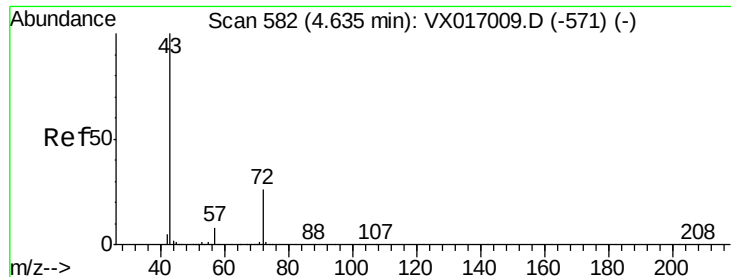


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 202.380 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

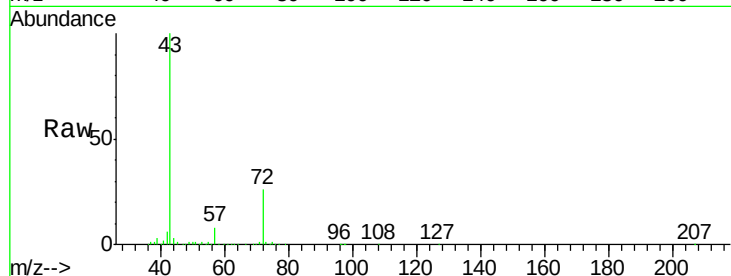
VSTDCCC050

Tgt Ion: 43 Resp: 488717

Ion Ratio Lower Upper

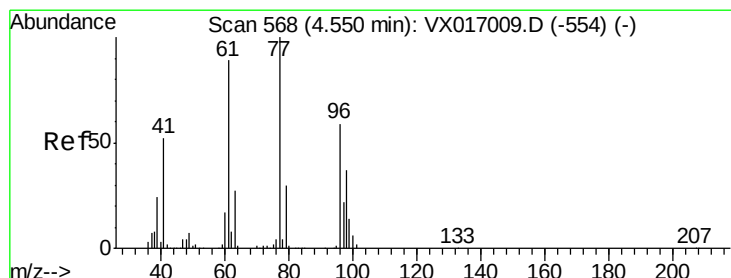
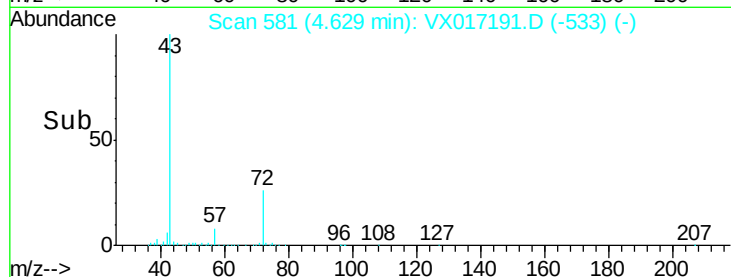
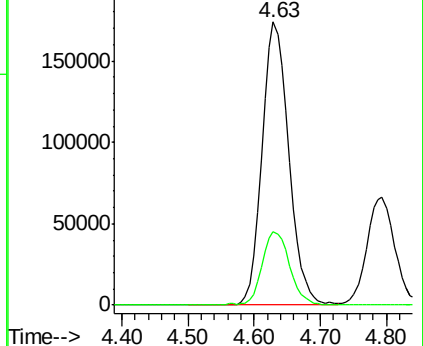
43 100

72 26.1 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.914 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017191.D

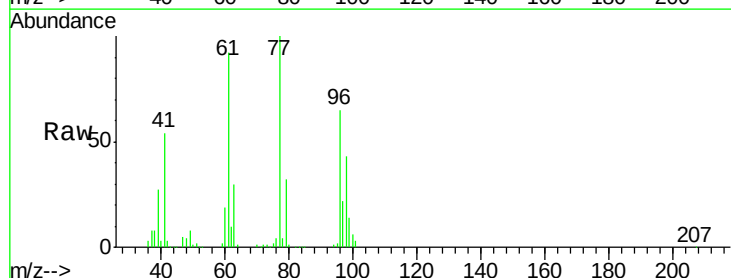
Acq: 07 Jul 2020 09:50

Tgt Ion: 77 Resp: 252058

Ion Ratio Lower Upper

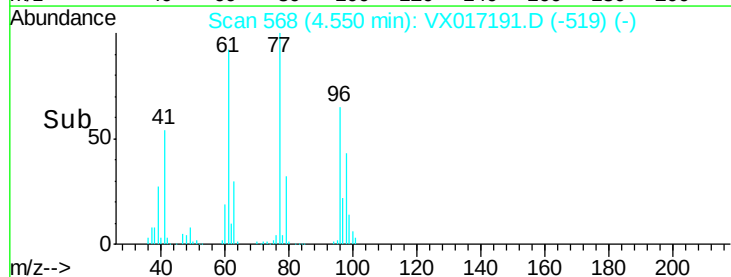
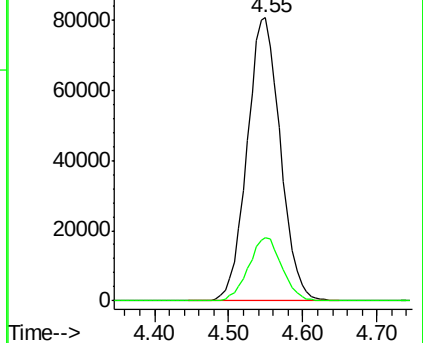
77 100

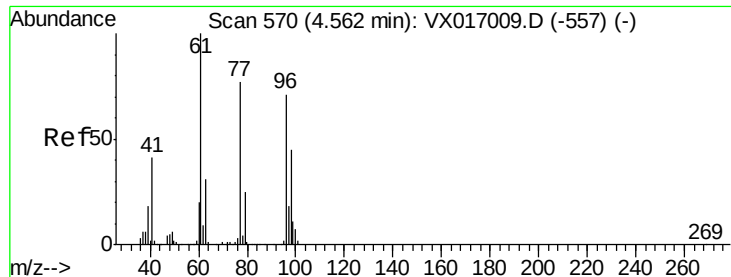
97 22.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



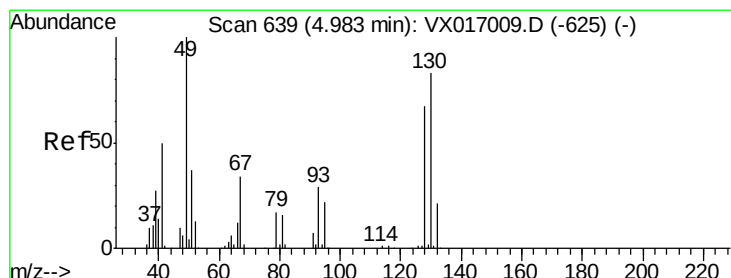
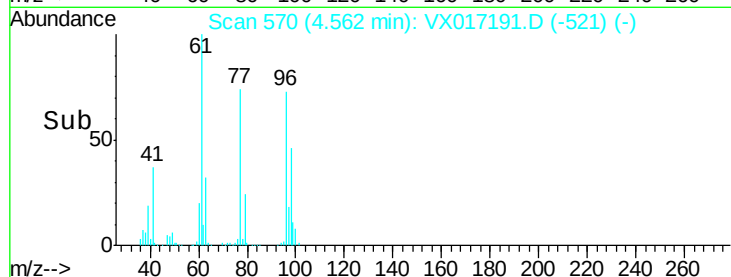
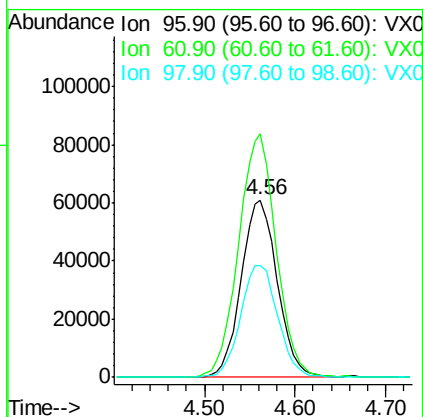
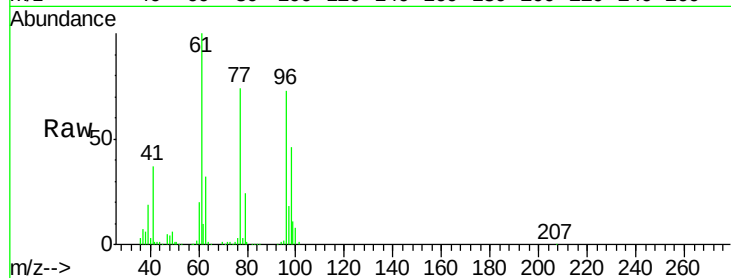


#27

cis-1,2-Dichloroethene
Concen: 43.092 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

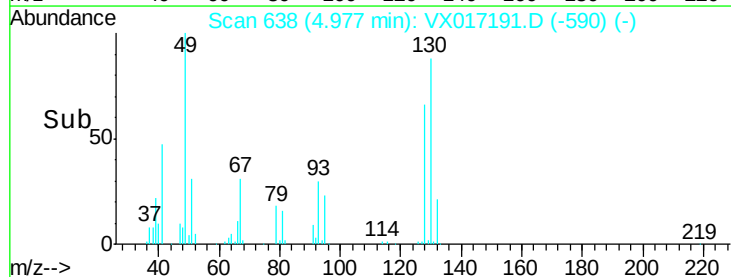
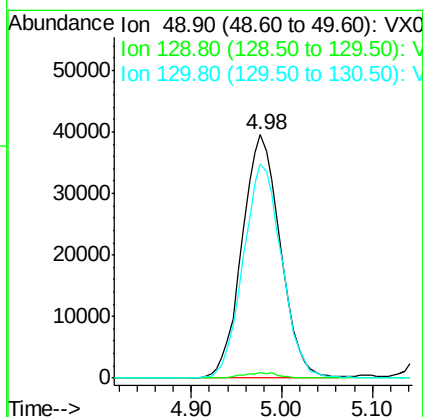
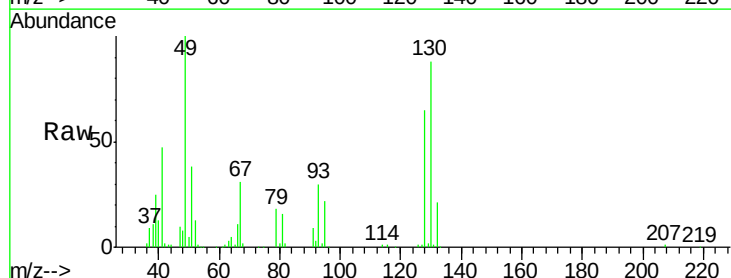
Tgt Ion: 96 Resp: 168464
Ion Ratio Lower Upper
96 100
61 142.8 0.0 282.8
98 64.9 0.0 127.6

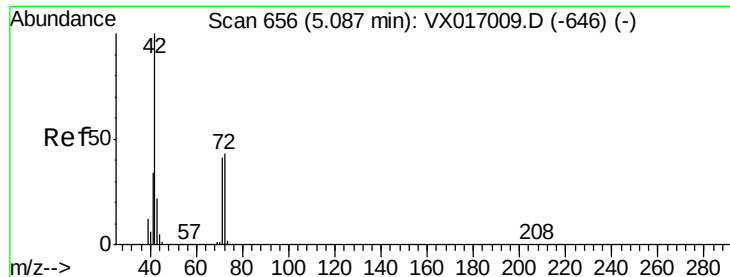


#28

Bromochloromethane
Concen: 39.264 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion: 49 Resp: 115613
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 88.7 66.6 100.0





#29

Tetrahydrofuran

Concen: 199.152 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

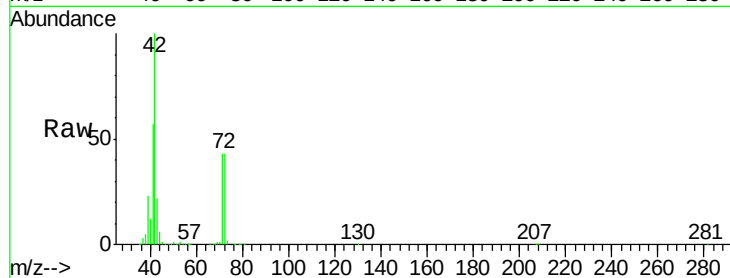
Tgt Ion: 42 Resp: 317755

Ion Ratio Lower Upper

42 100

72 46.0 35.3 52.9

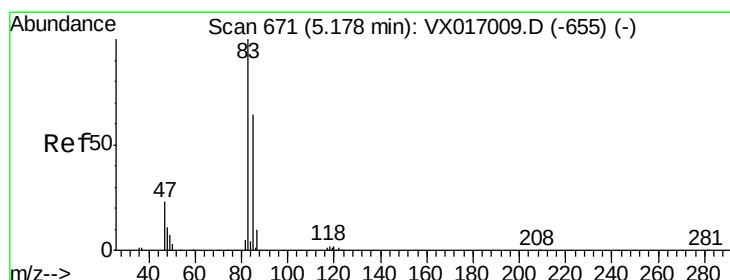
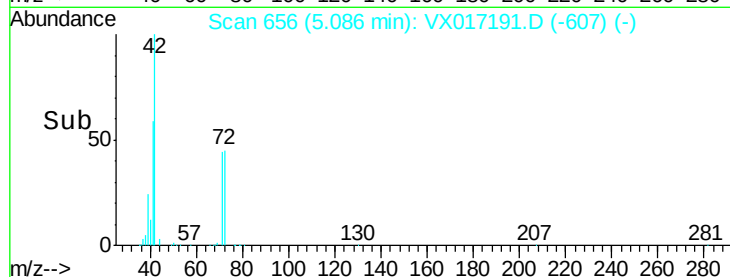
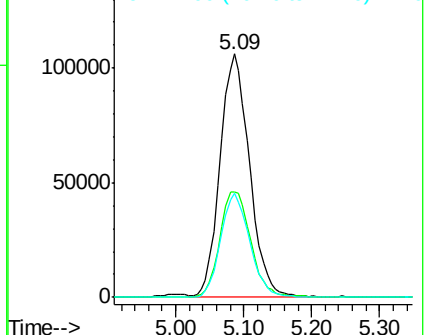
71 42.4 33.1 49.7



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: 45.340 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX017191.D

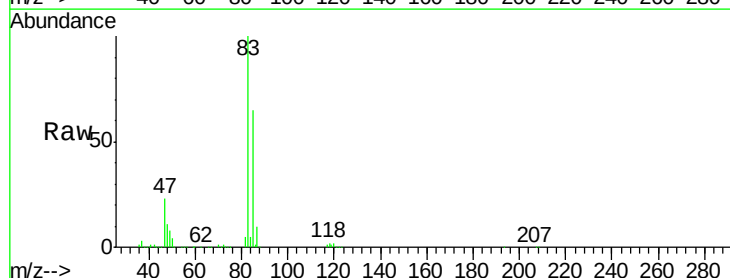
Acq: 07 Jul 2020 09:50

Tgt Ion: 83 Resp: 281240

Ion Ratio Lower Upper

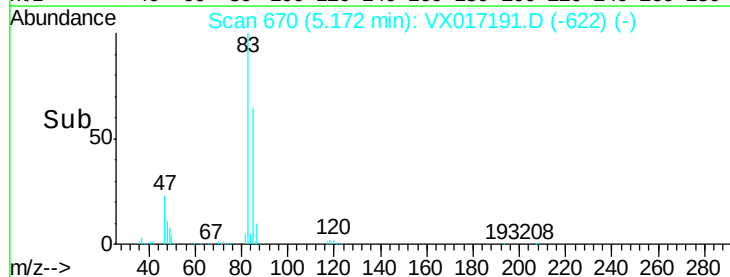
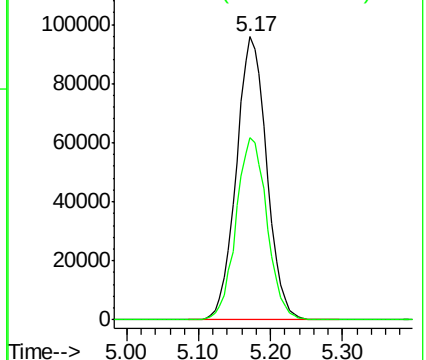
83 100

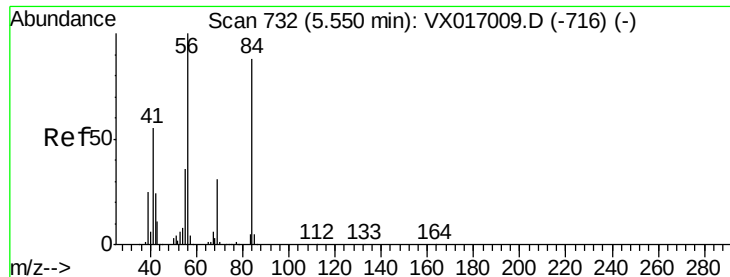
85 64.6 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

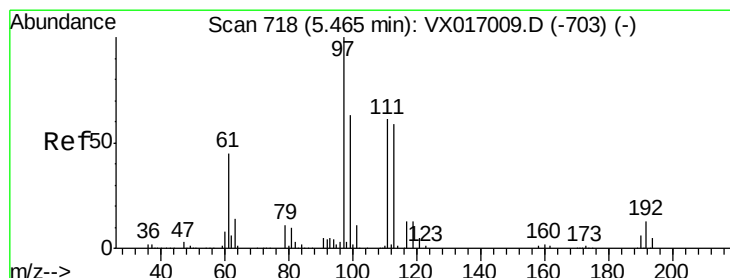
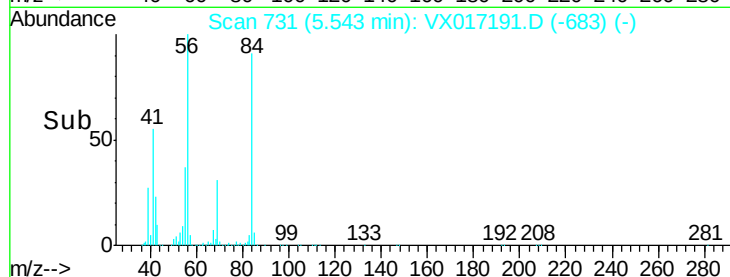
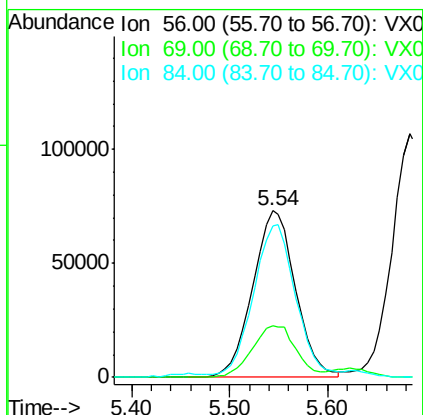
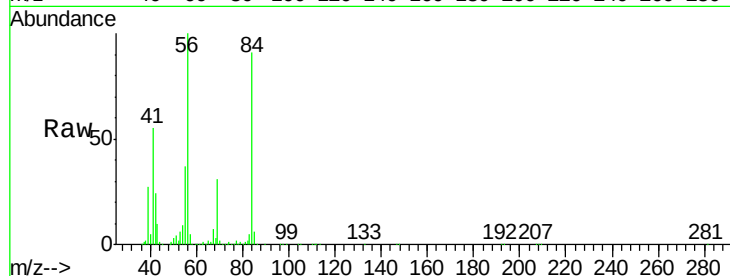




#31
Cyclohexane
Concen: 42.643 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

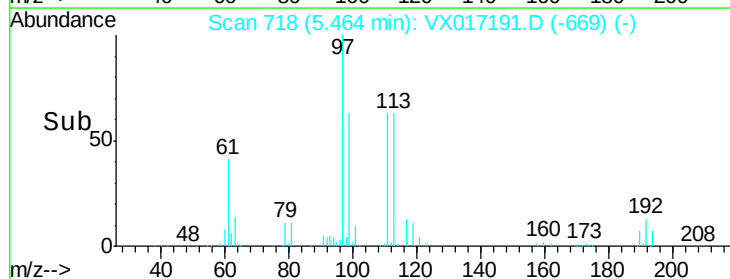
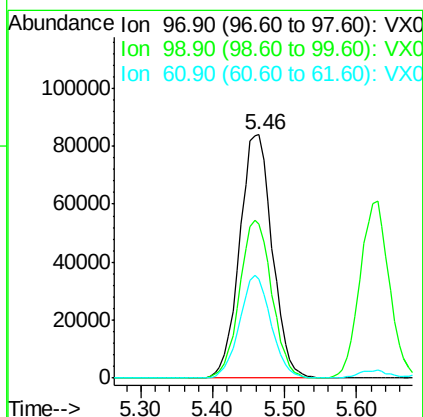
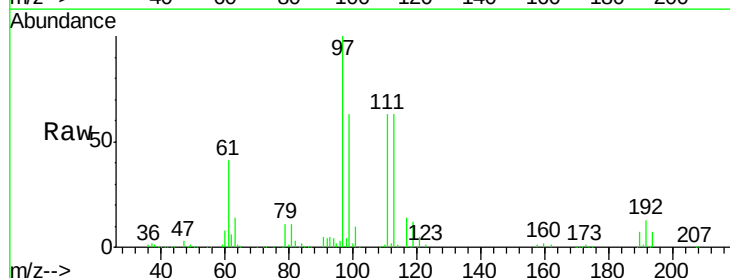
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

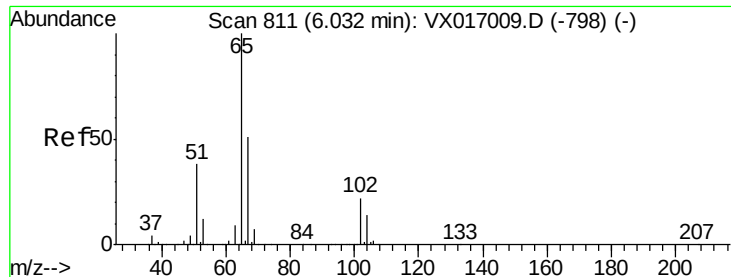
Tgt Ion: 56 Resp: 223036
Ion Ratio Lower Upper
56 100
69 30.8 25.0 37.4
84 88.4 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 46.229 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion: 97 Resp: 264089
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 41.0 33.7 50.5

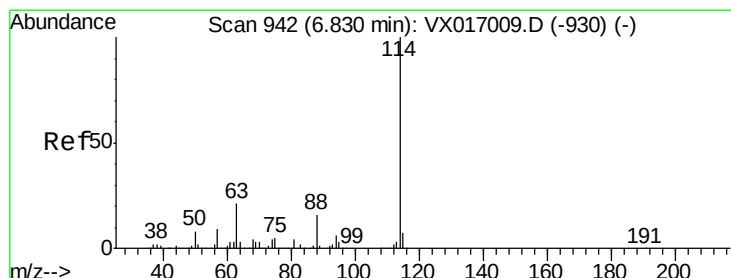
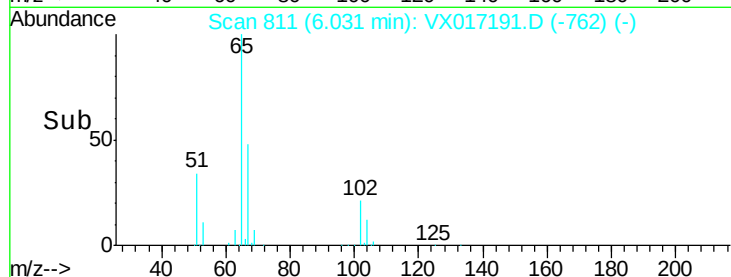
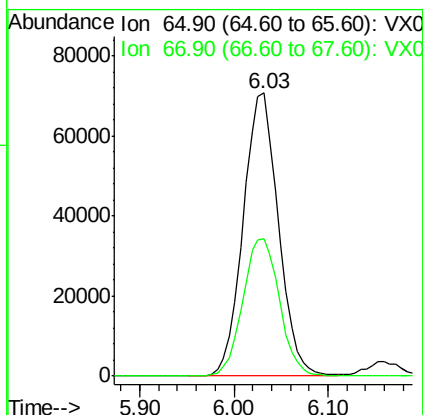
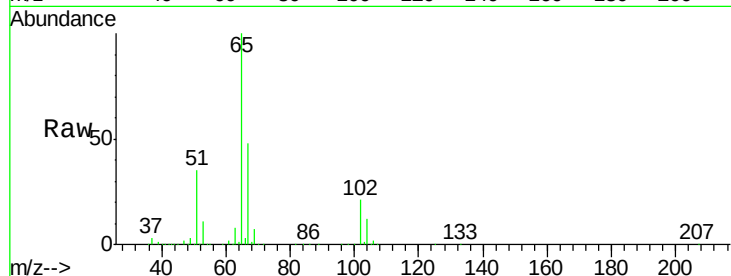




#33
 1,2-Dichloroethane-d4
 Concen: 47.641 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

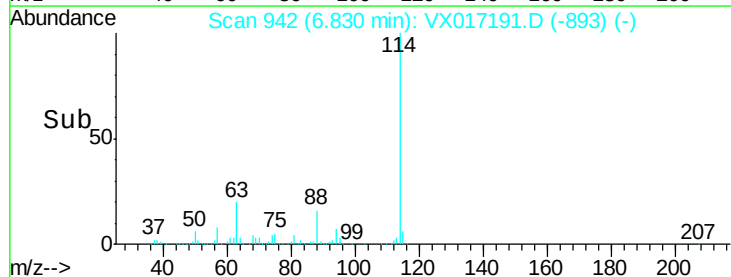
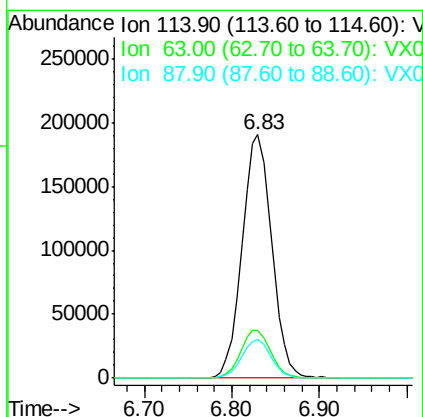
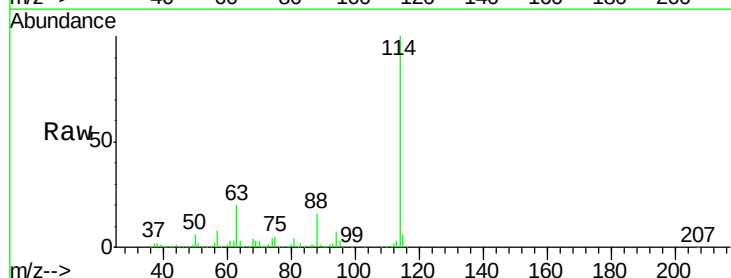
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

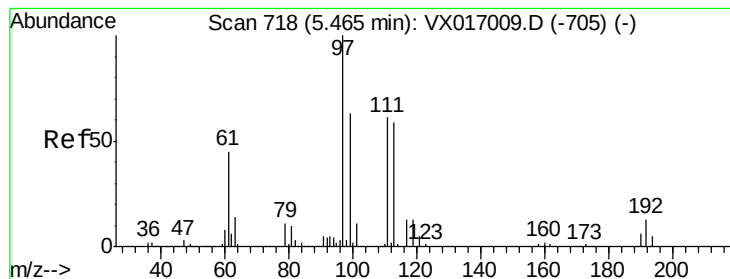
Tgt Ion: 65 Resp: 184565
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion: 114 Resp: 448159
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.4
 88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.652 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

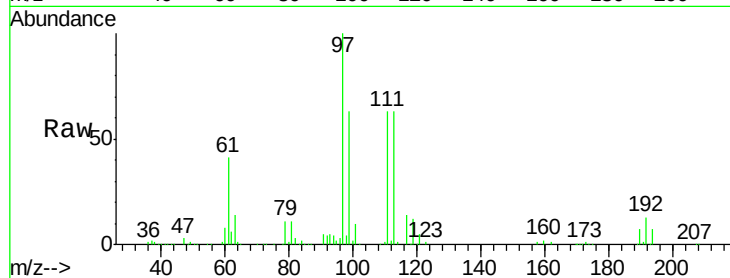
Tgt Ion:113 Resp: 149265

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

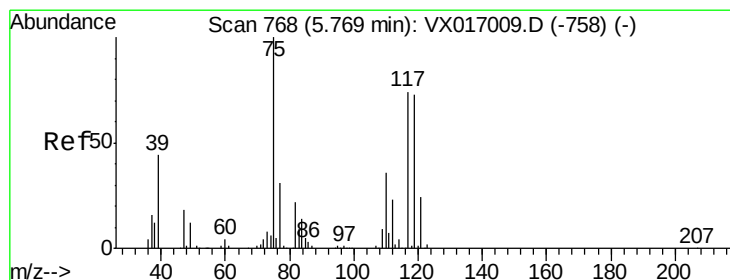
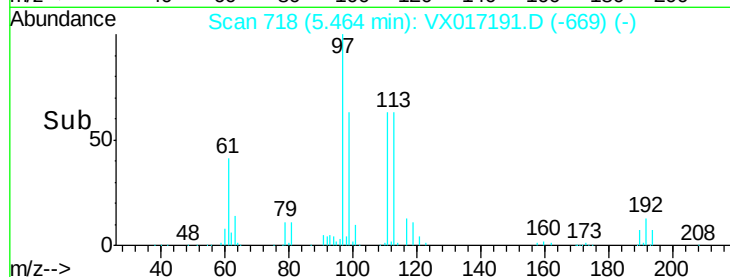
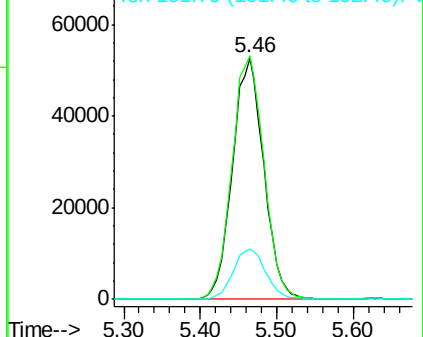
192 21.7 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.974 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

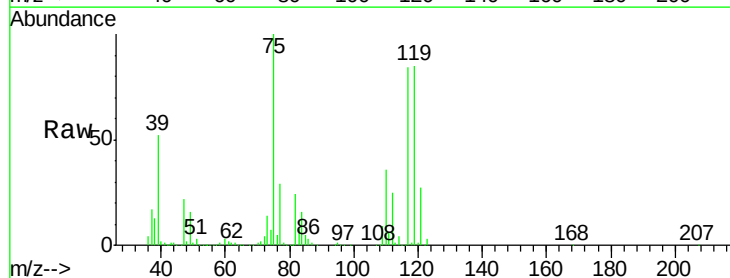
Tgt Ion: 75 Resp: 207438

Ion Ratio Lower Upper

75 100

110 37.4 18.1 54.1

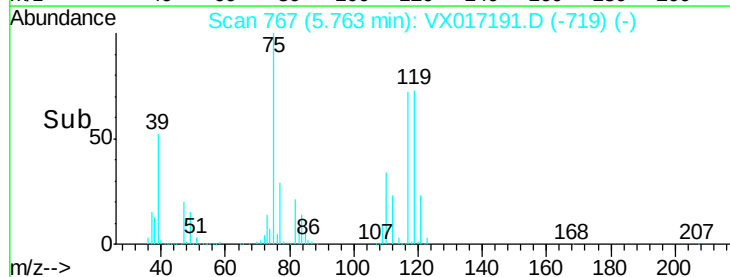
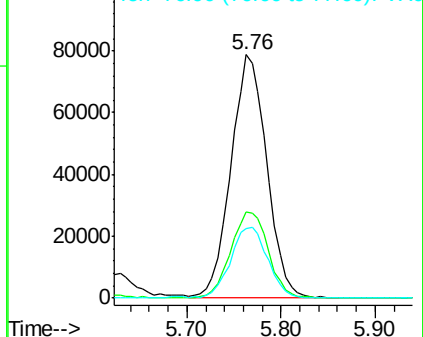
77 30.3 24.6 37.0

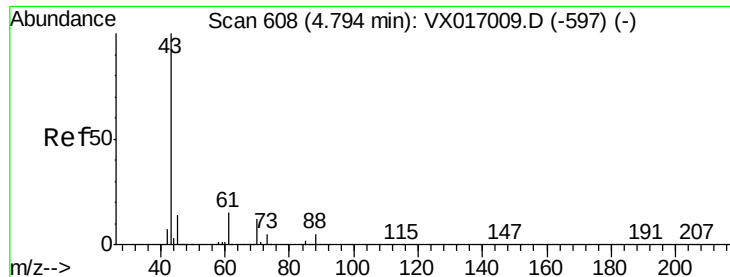


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

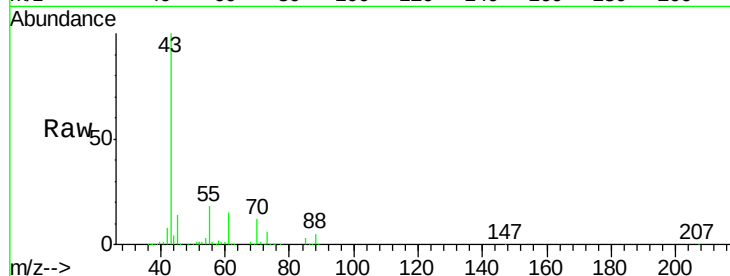




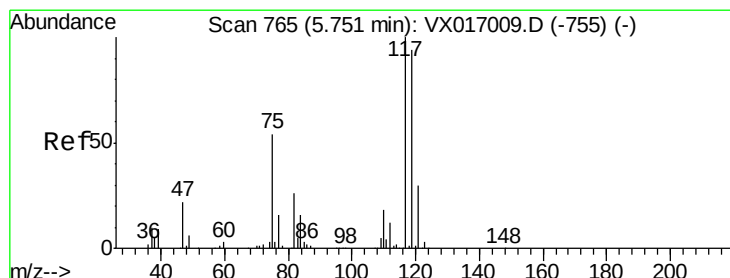
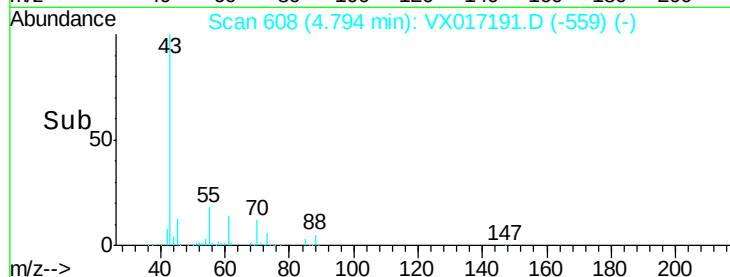
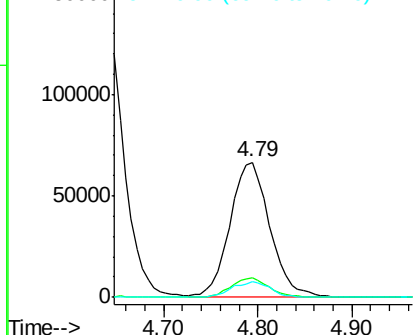
#37
Ethyl Acetate
Concen: 45.238 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 194414
Ion Ratio Lower Upper
43 100
61 14.4 11.0 16.4
70 11.6 8.9 13.3

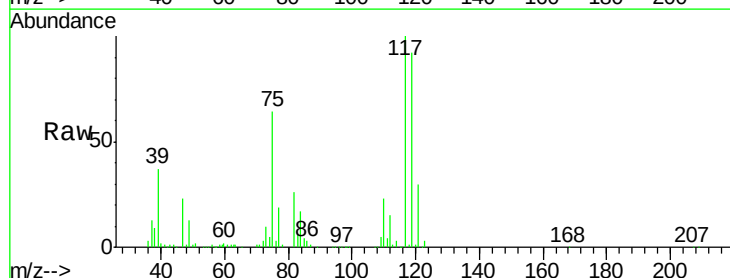


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

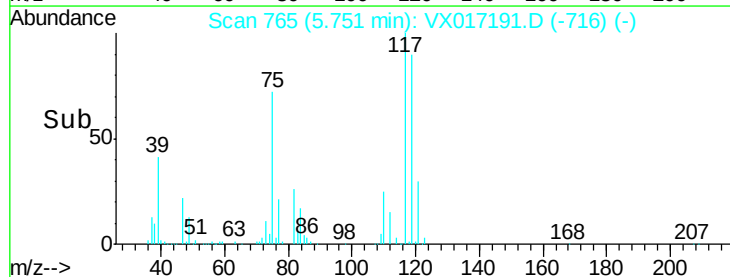
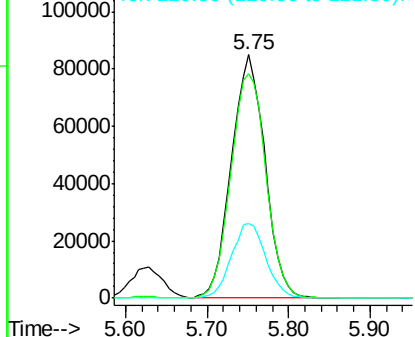


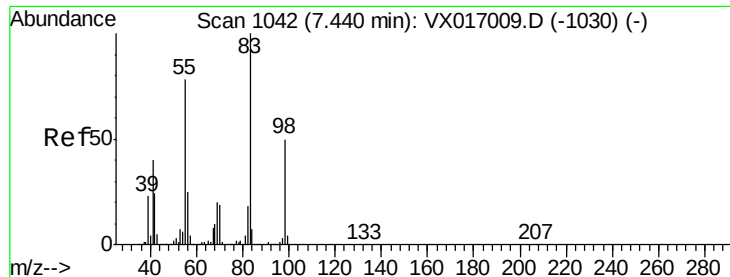
#38
Carbon Tetrachloride
Concen: 51.943 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion: 117 Resp: 242327
Ion Ratio Lower Upper
117 100
119 92.2 75.4 113.0
121 30.5 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

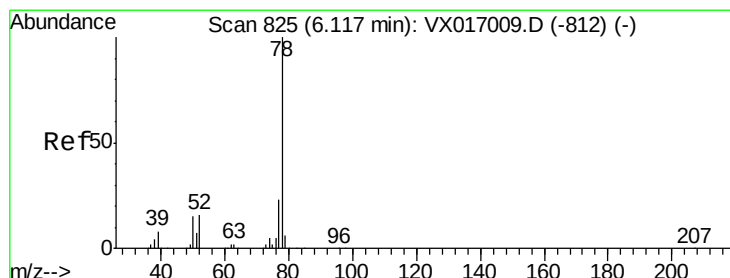
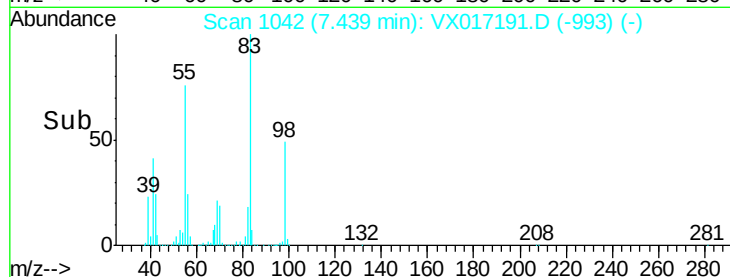
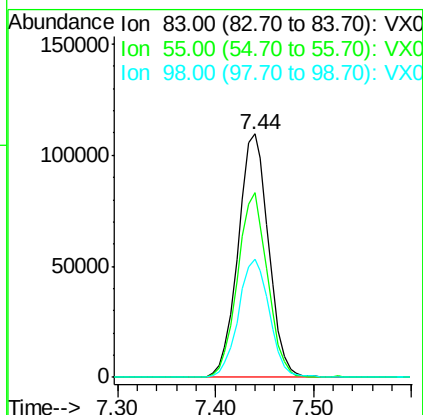
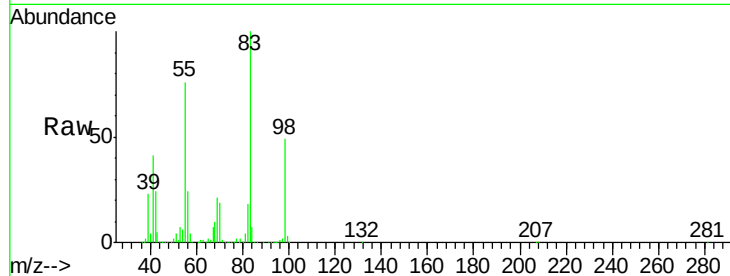




#39
Methylcyclohexane
Concen: 50.290 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

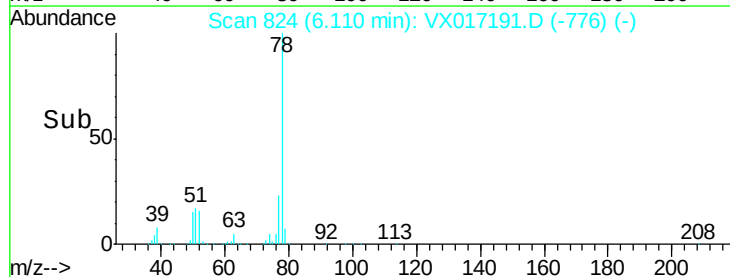
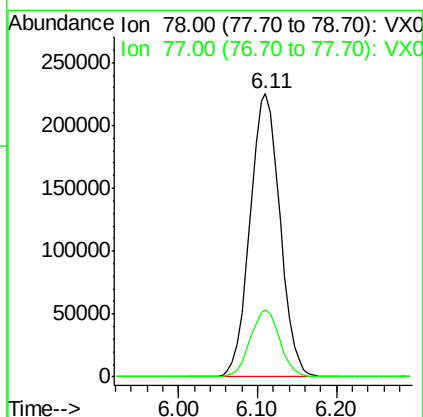
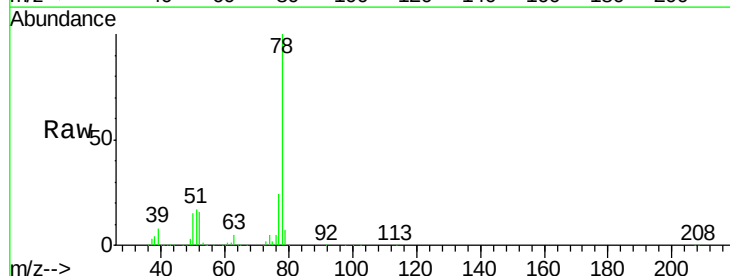
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

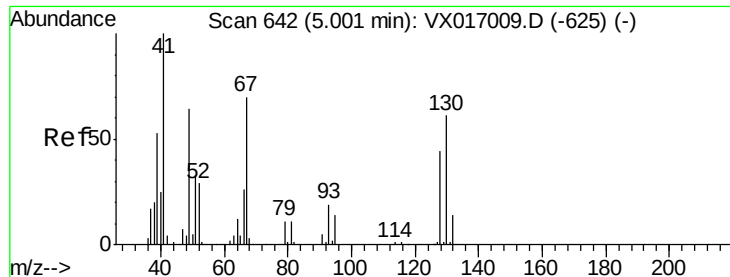
Tgt Ion: 83 Resp: 237001
Ion Ratio Lower Upper
83 100
55 75.7 62.5 93.7
98 48.6 40.1 60.1



#40
Benzene
Concen: 47.827 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion: 78 Resp: 595205
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5

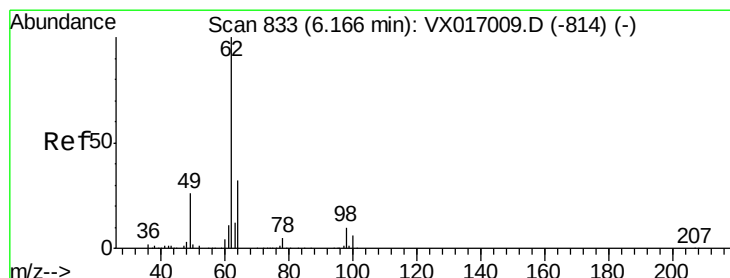
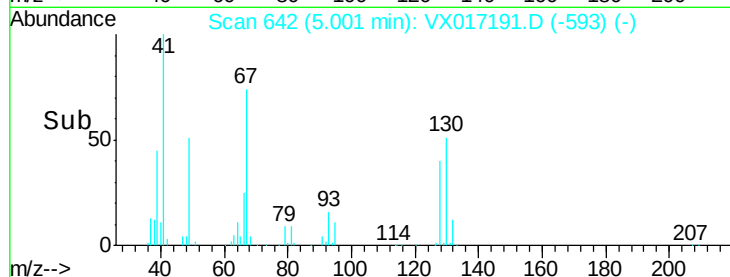
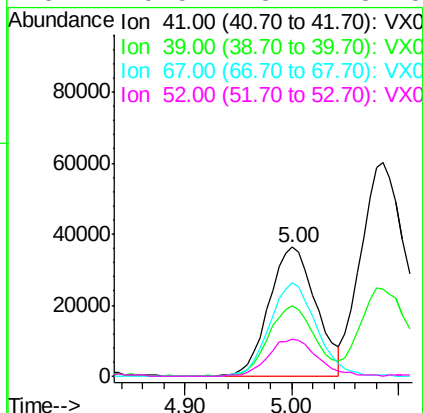
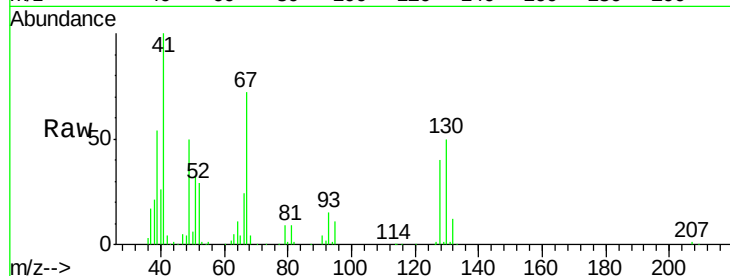




#41
Methacrylonitrile
Concen: 45.871 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

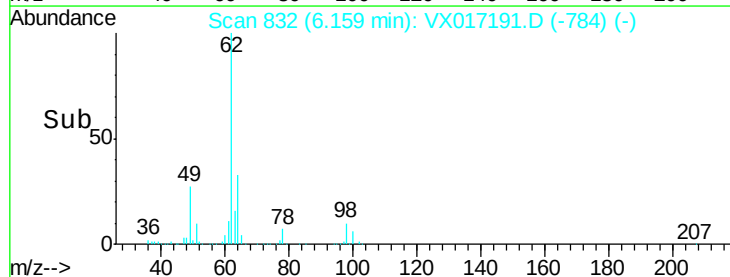
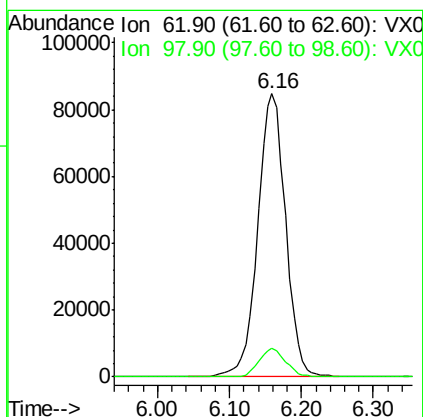
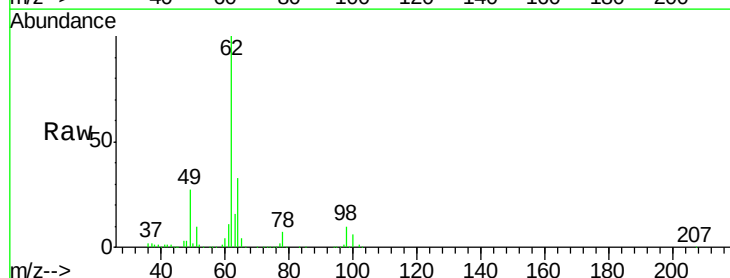
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

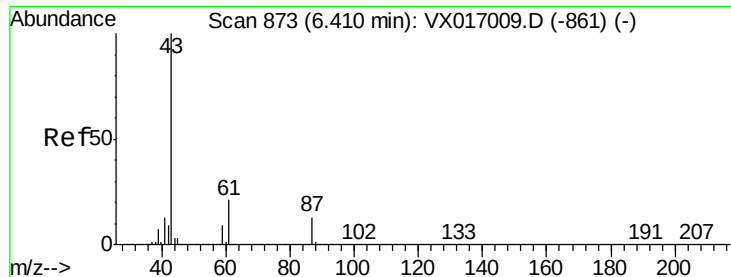
Tgt Ion:	41	Resp:	110950
Ion	Ratio	Lower	Upper
41	100		
39	53.4	44.4	66.6
67	71.9	57.1	85.7
52	29.5	23.2	34.8



#42
1,2-Dichloroethane
Concen: 50.710 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion:	62	Resp:	227954
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 45.333 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

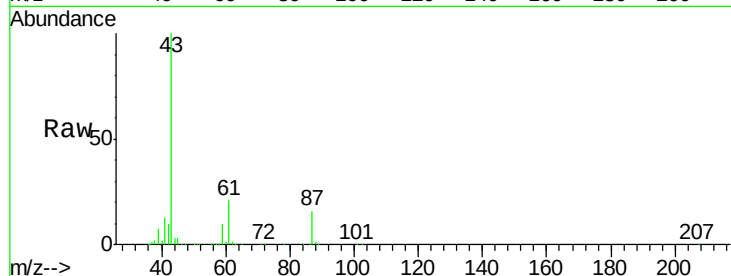
Tgt Ion: 43 Resp: 323736

Ion Ratio Lower Upper

43 100

61 20.4 16.2 24.2

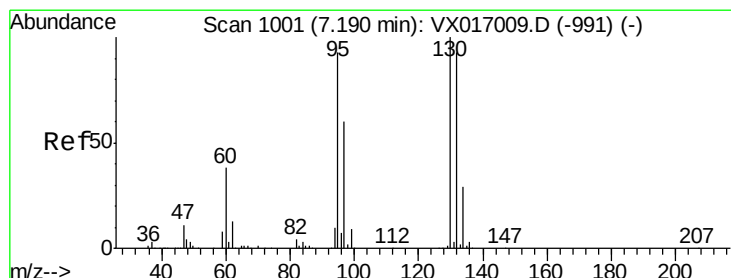
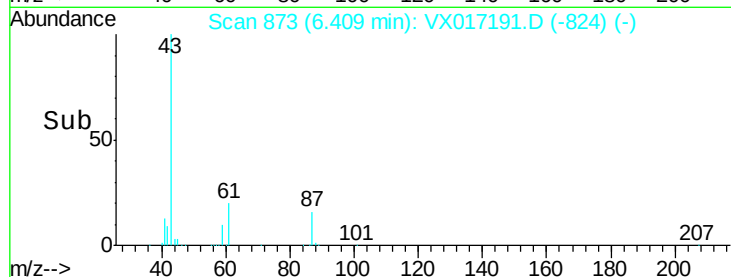
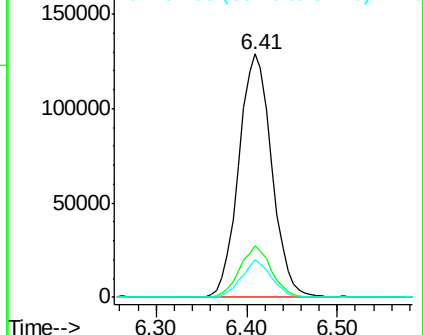
87 14.3 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.174 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017191.D

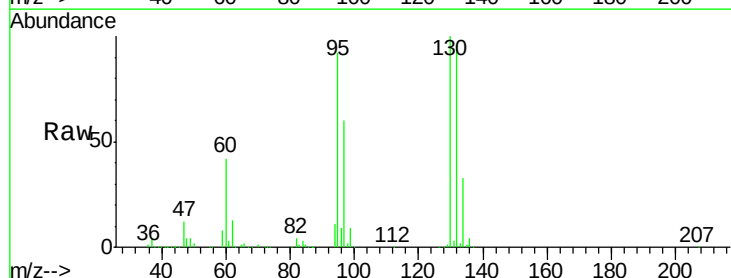
Acq: 07 Jul 2020 09:50

Tgt Ion: 130 Resp: 179130

Ion Ratio Lower Upper

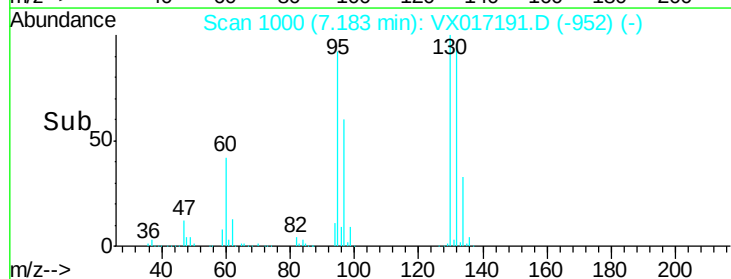
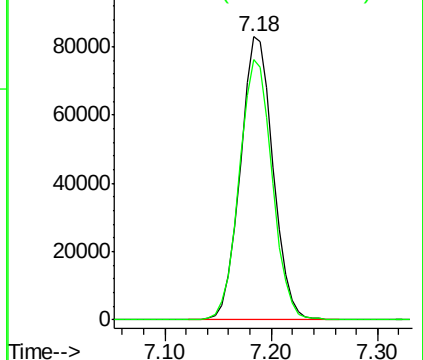
130 100

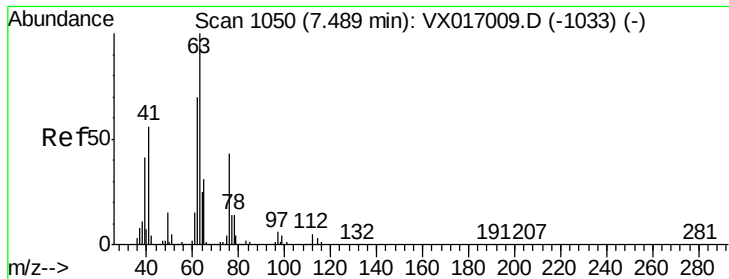
95 92.2 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

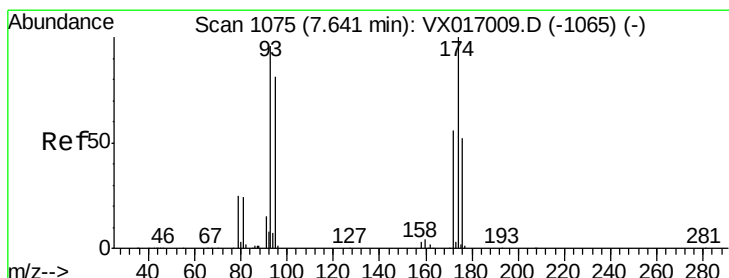
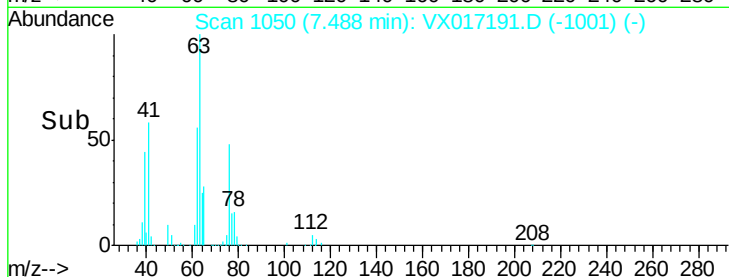
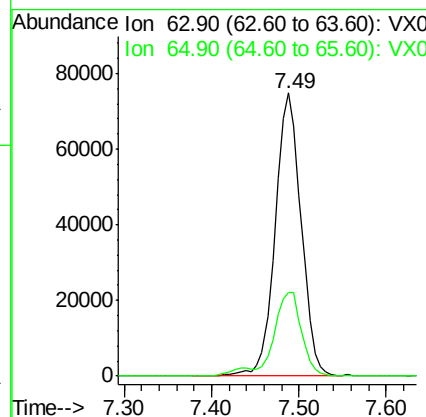
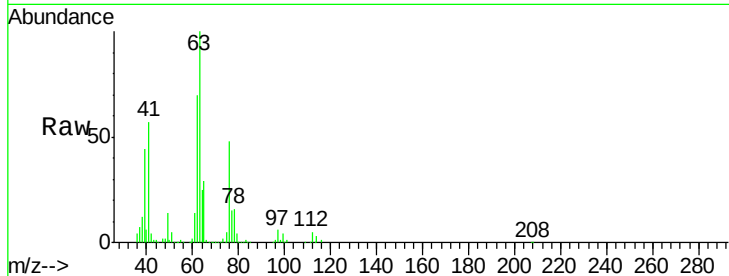




#45
 1,2-Dichloropropane
 Concen: 48.670 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

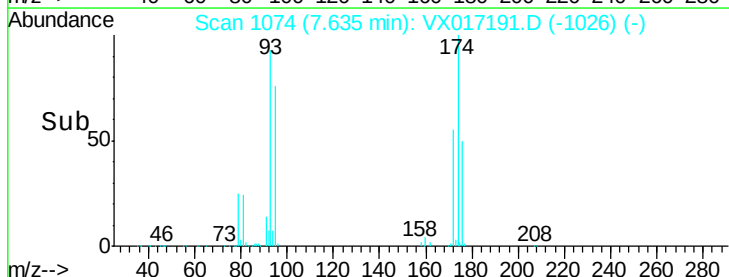
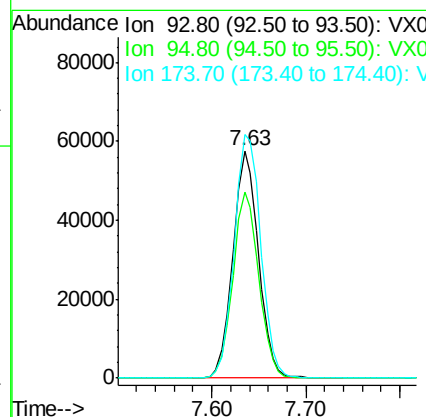
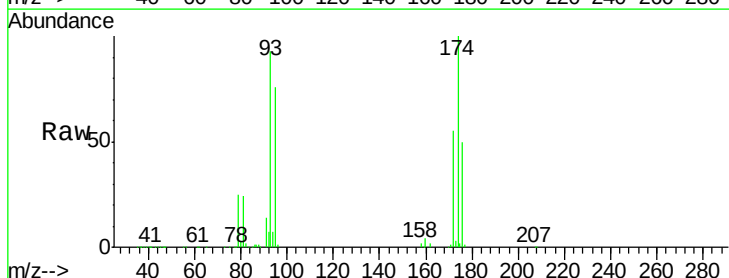
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

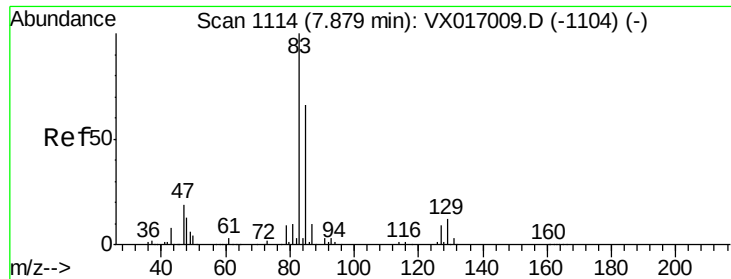
Tgt Ion: 63 Resp: 155570
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.6 36.8



#46
 Dibromomethane
 Concen: 49.819 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion: 93 Resp: 108718
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.4 101.0
 174 111.6 84.3 126.5





#47

Bromodichloromethane

Concen: 51.099 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

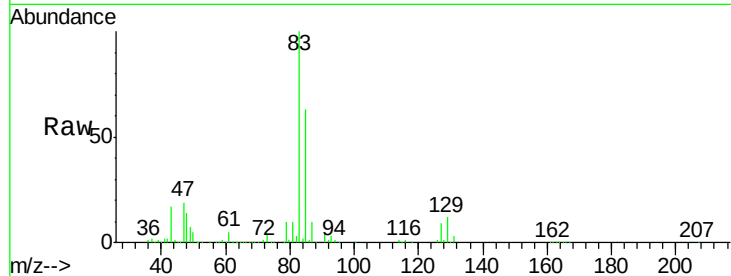
Tgt Ion: 83 Resp: 229806

Ion Ratio Lower Upper

83 100

85 62.6 53.0 79.4

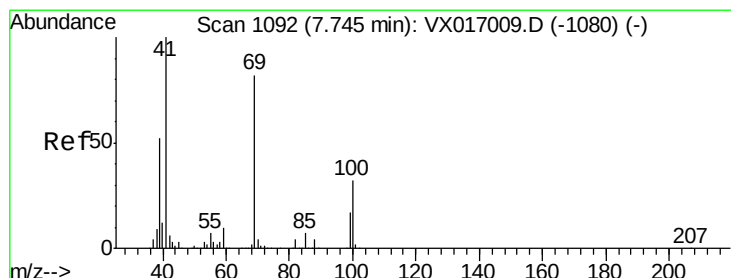
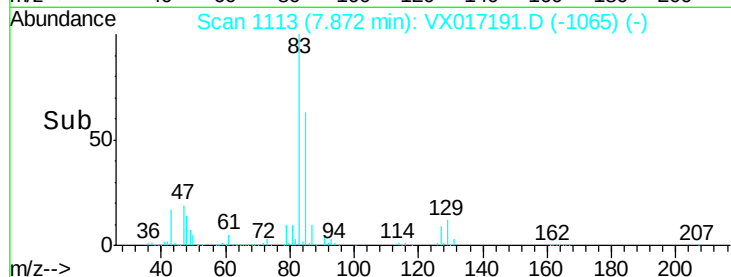
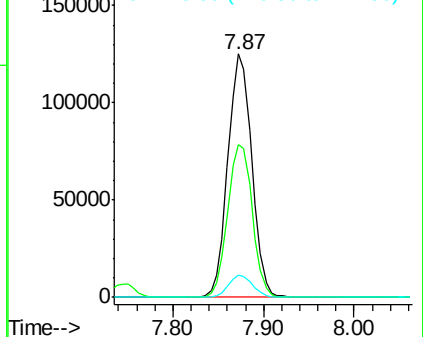
127 9.2 7.5 11.3



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: 48.001 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

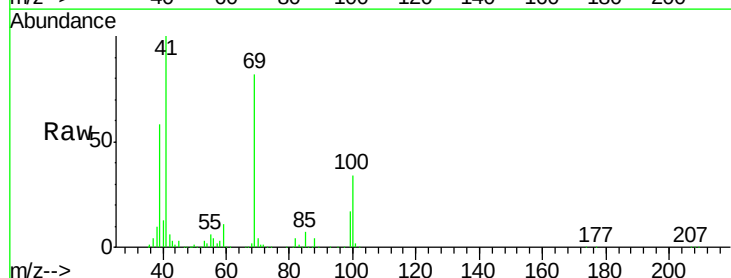
Tgt Ion: 41 Resp: 162855

Ion Ratio Lower Upper

41 100

69 83.6 65.8 98.8

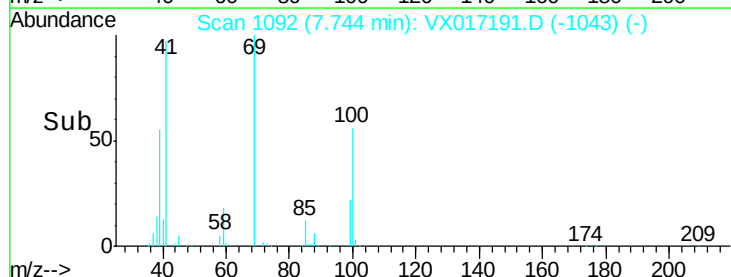
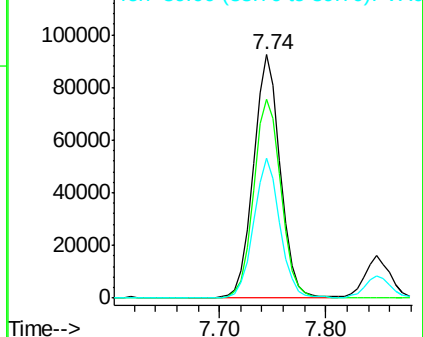
39 55.9 42.5 63.7

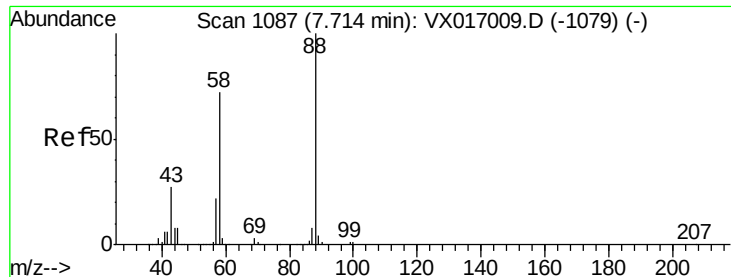


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

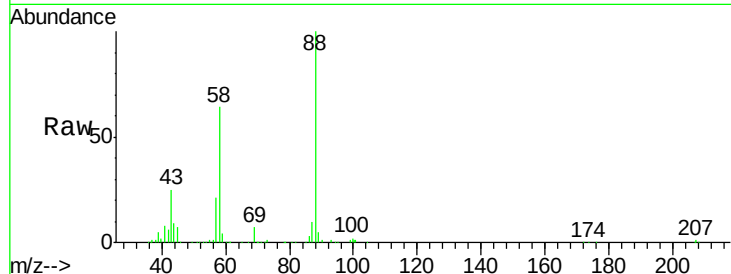




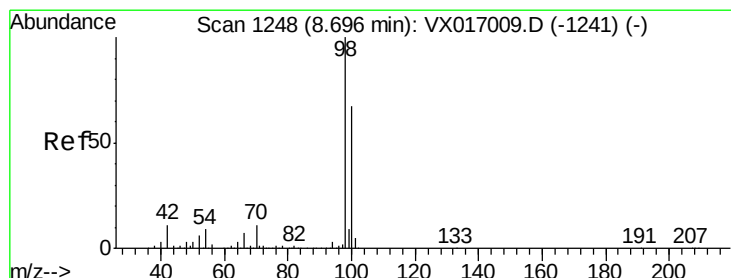
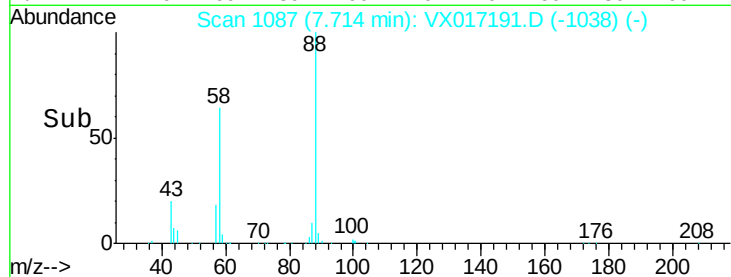
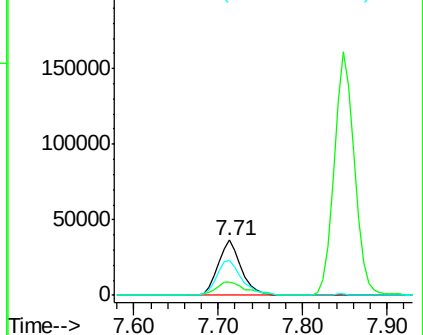
#49
1,4-Dioxane
Concen: 893.677 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 68690
Ion Ratio Lower Upper
88 100
43 32.4 25.8 38.8
58 69.3 54.8 82.2

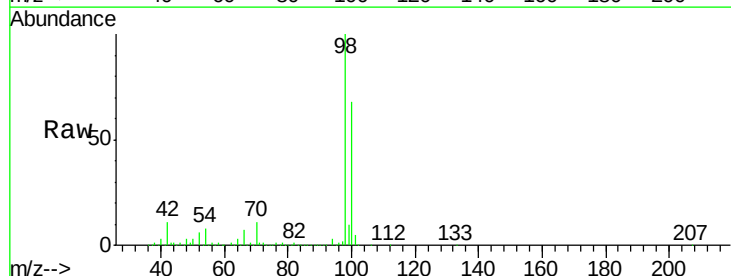


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

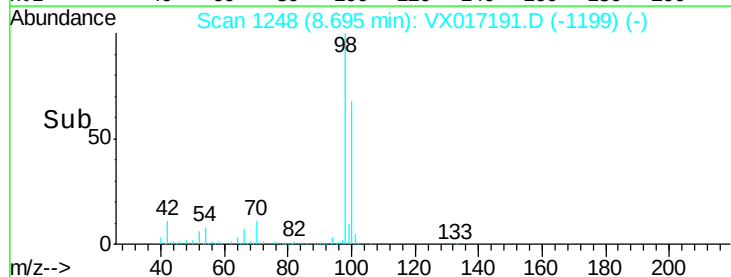
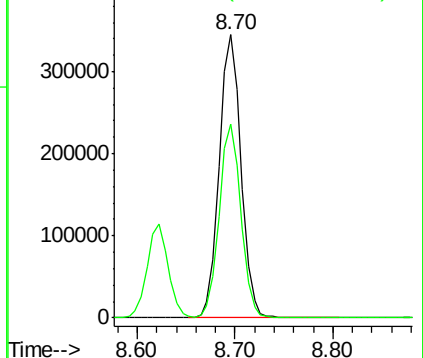


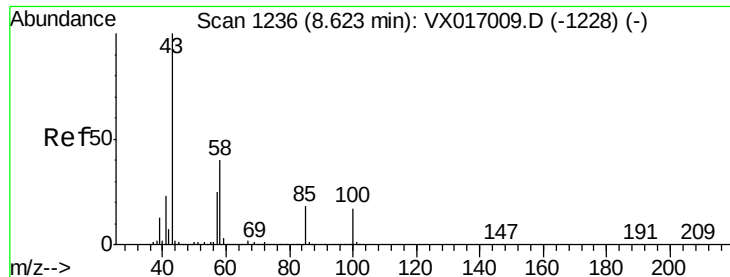
#50
Toluene-d8
Concen: 50.785 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion: 98 Resp: 532373
Ion Ratio Lower Upper
98 100
100 68.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

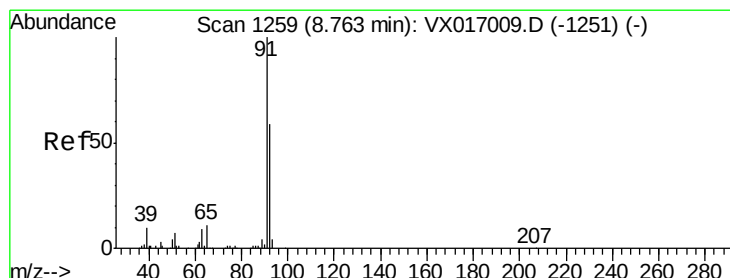
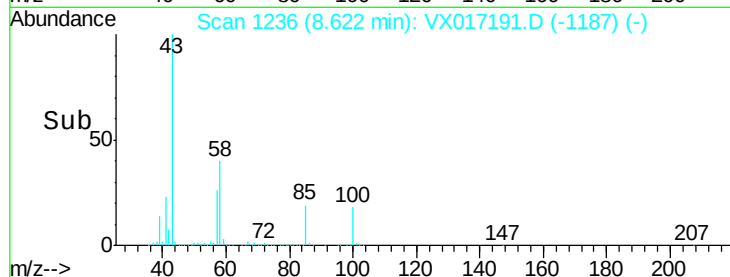
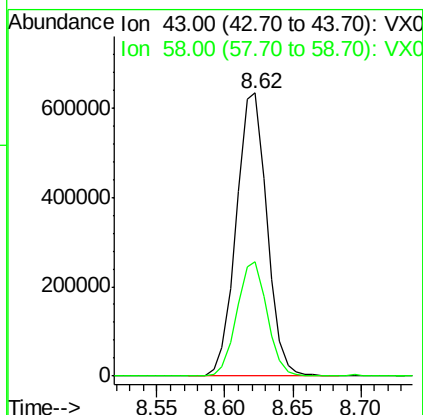
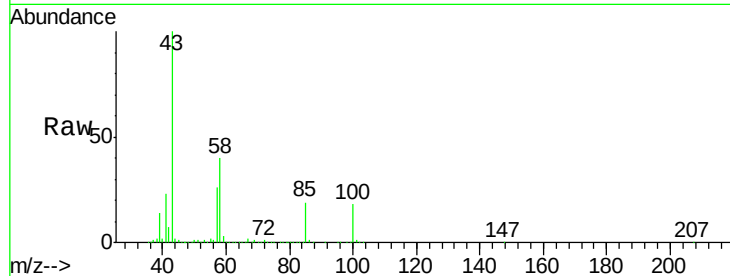




#51
 4-Methyl-2-Pentanone
 Concen: 233.972 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

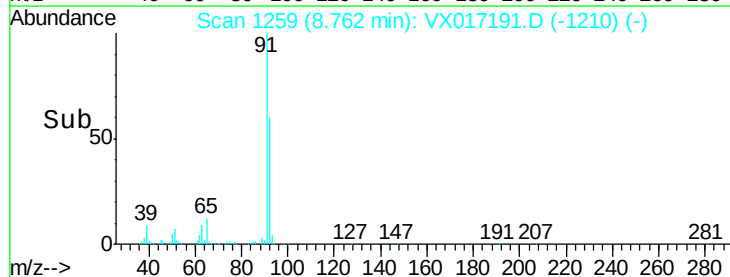
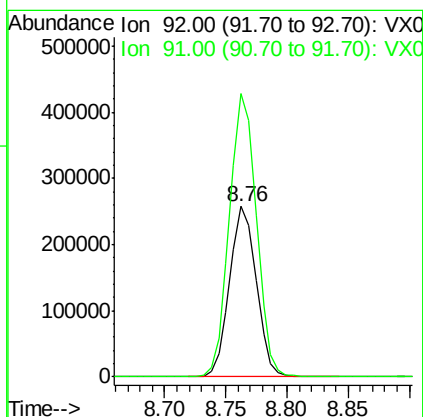
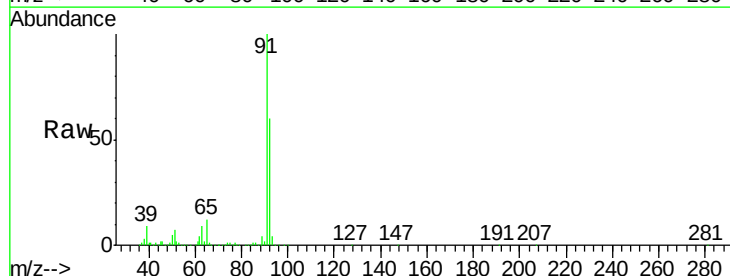
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

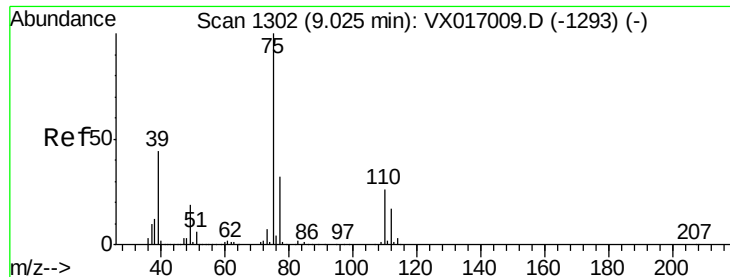
Tgt Ion: 43 Resp: 995993
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.9 47.9



#52
 Toluene
 Concen: 50.126 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion: 92 Resp: 389479
 Ion Ratio Lower Upper
 92 100
 91 168.0 136.9 205.3

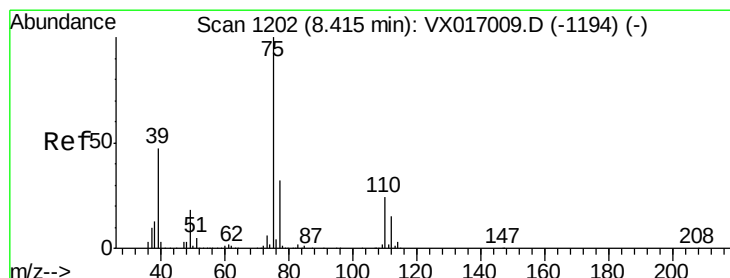
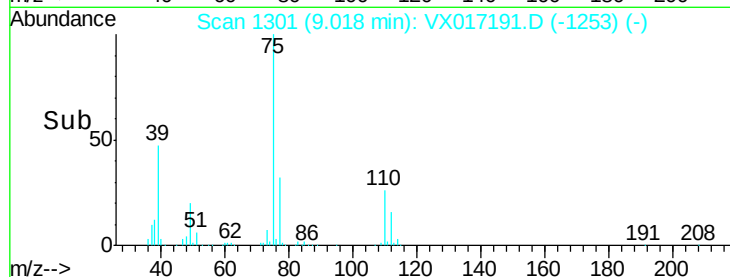
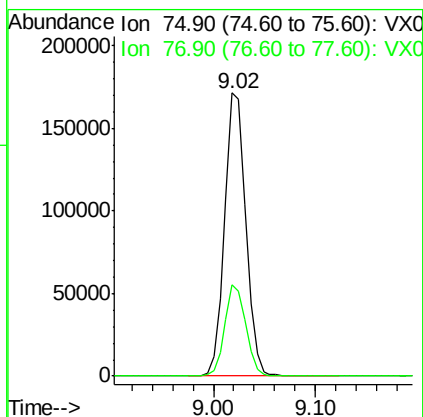
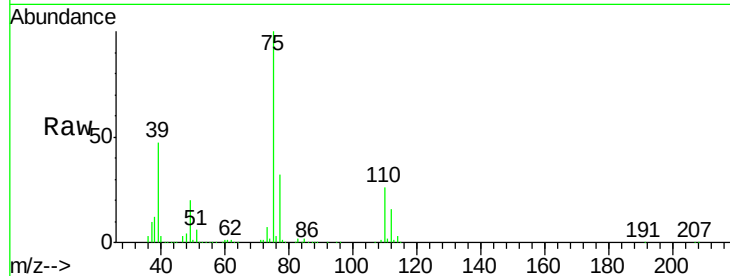




#53
t-1,3-Dichloropropene
Concen: 49.906 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

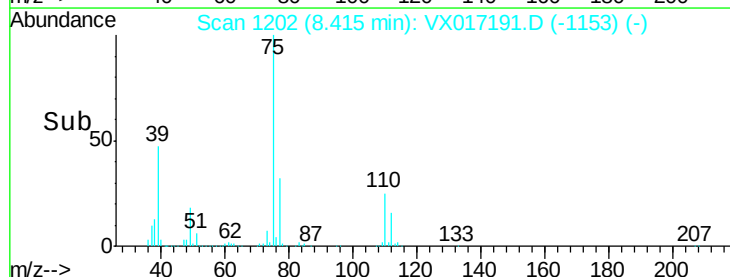
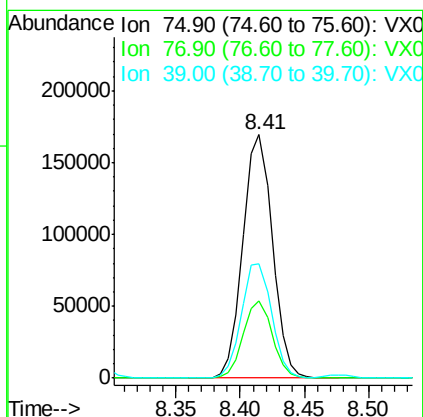
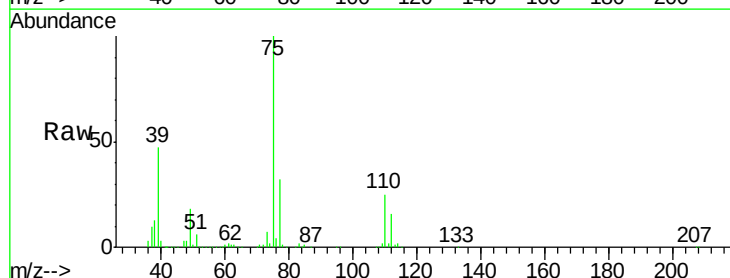
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

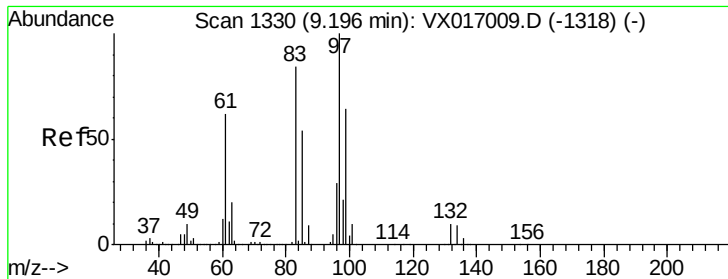
Tgt Ion: 75 Resp: 247633
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 50.527 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion: 75 Resp: 268761
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 46.9 37.4 56.2

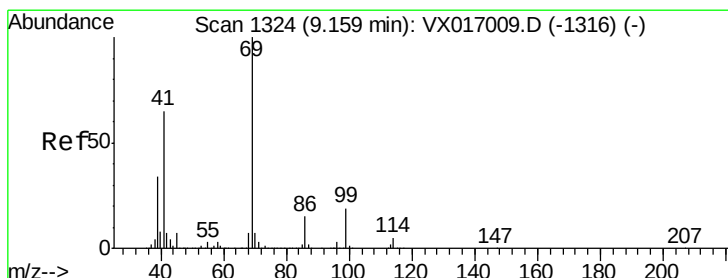
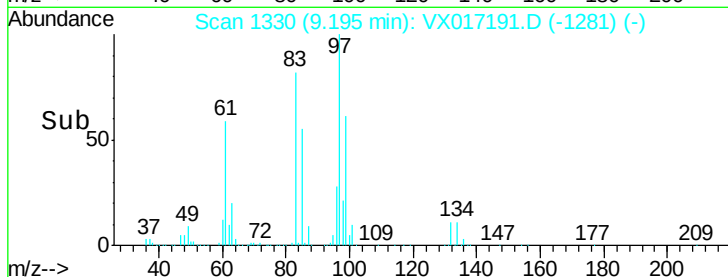
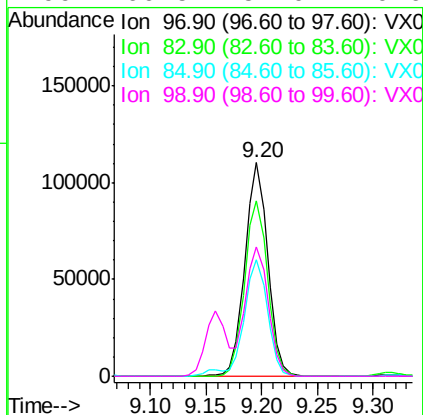
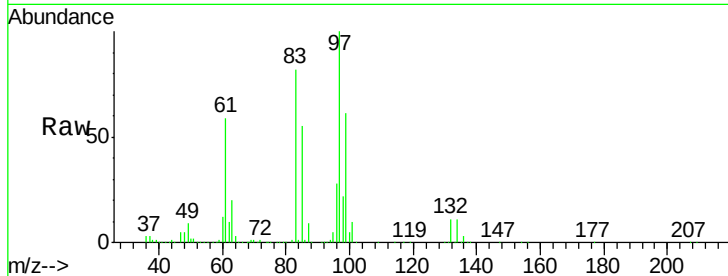




#55
 1,1,2-Trichloroethane
 Concen: 49.695 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

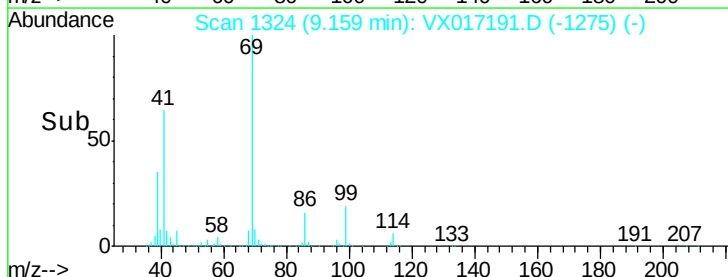
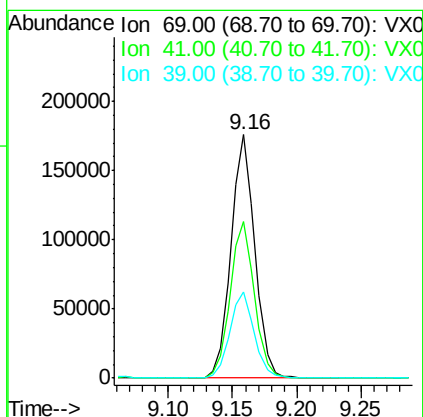
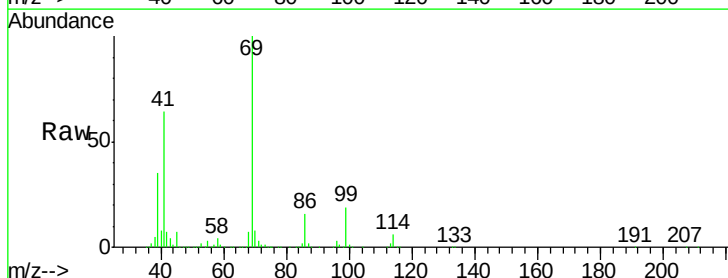
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

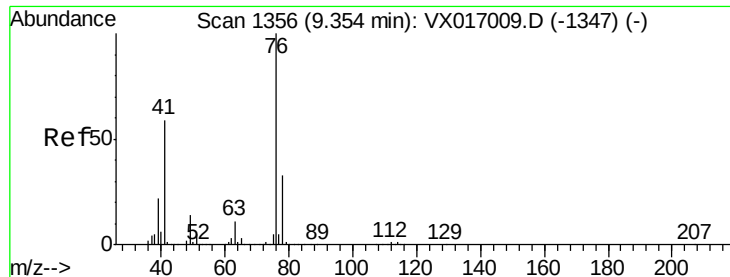
Tgt Ion:	97	Resp:	157761
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.0	100.6
85	54.8	43.5	65.3
99	60.5	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 50.420 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion:	69	Resp:	227823
Ion	Ratio	Lower	Upper
69	100		
41	65.5	53.6	80.4
39	36.2	28.2	42.2





#57

1,3-Dichloropropane

Concen: 48.239 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

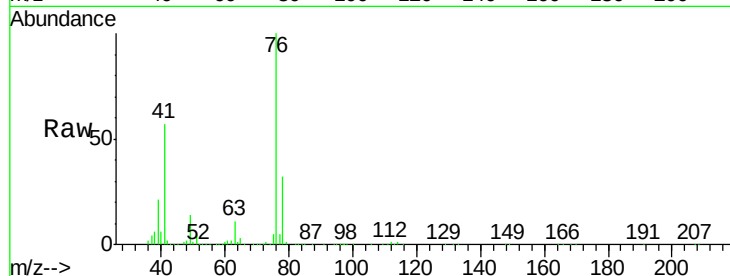
VSTDCCC050

Tgt Ion: 76 Resp: 259124

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

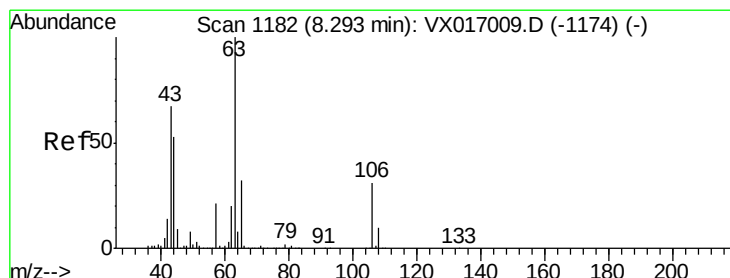
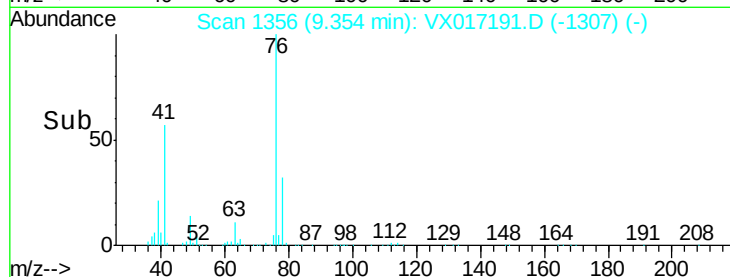
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 252.129 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017191.D

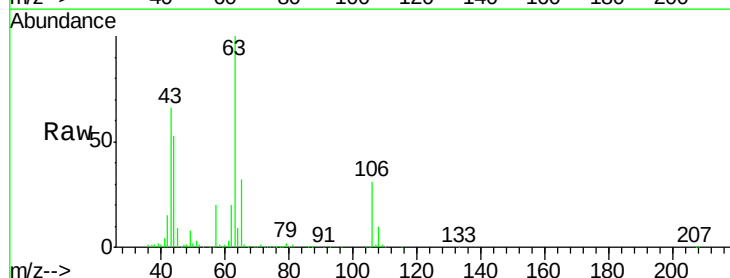
Acq: 07 Jul 2020 09:50

Tgt Ion: 63 Resp: 566989

Ion Ratio Lower Upper

63 100

106 31.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

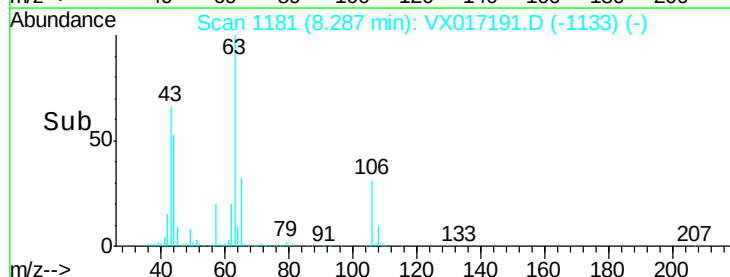
300000

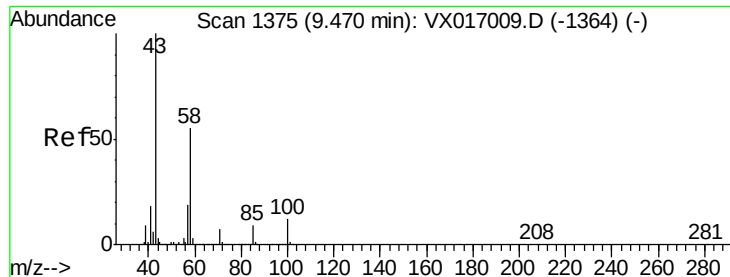
200000

100000

0

Time--> 8.20 8.25 8.30 8.35 8.40

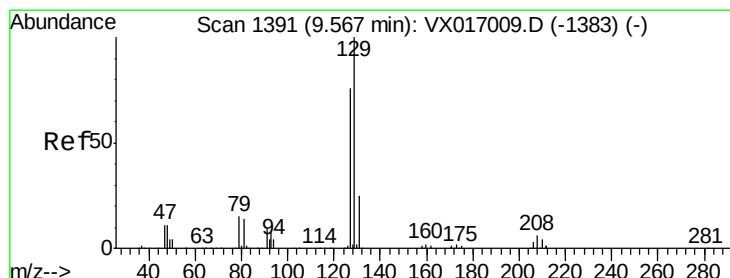
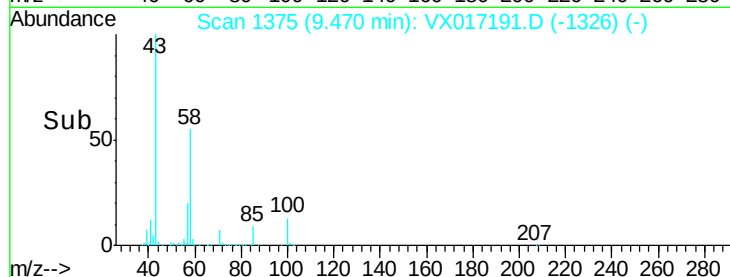
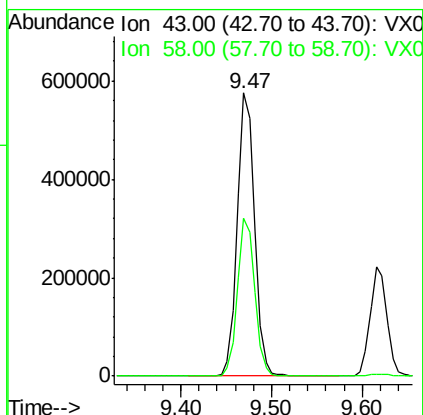
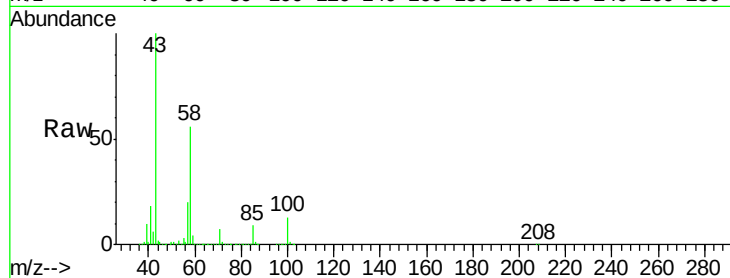




#59
2-Hexanone
Concen: 245.648 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

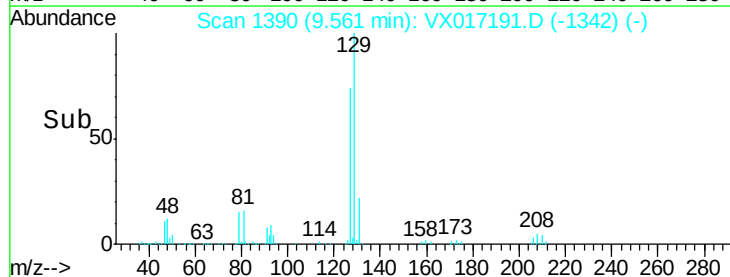
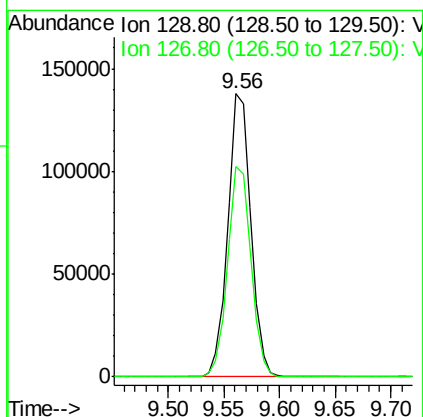
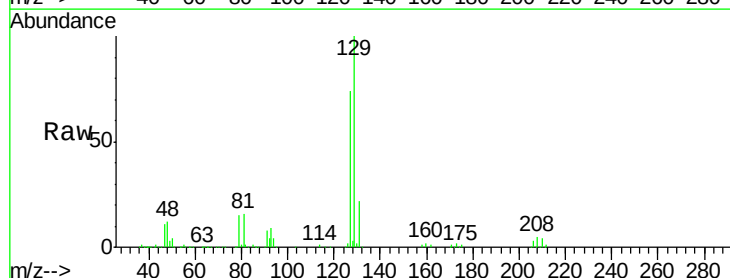
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

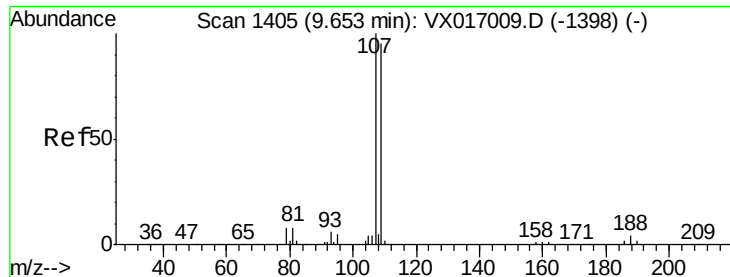
Tgt Ion: 43 Resp: 763706
Ion Ratio Lower Upper
43 100
58 55.5 27.9 83.6



#60
Dibromochloromethane
Concen: 53.494 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion: 129 Resp: 197242
Ion Ratio Lower Upper
129 100
127 75.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 48.708 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

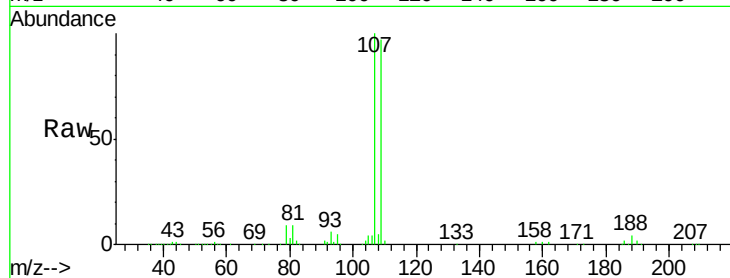
VSTDCCC050

Tgt Ion: 107 Resp: 166210

Ion Ratio Lower Upper

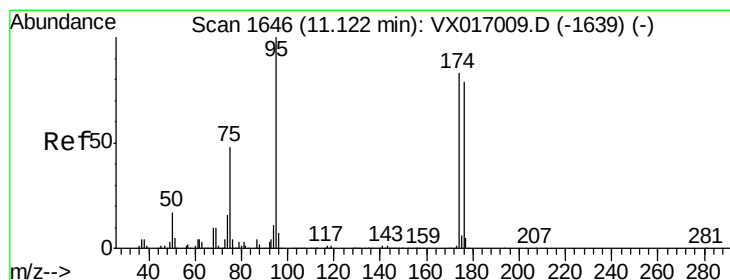
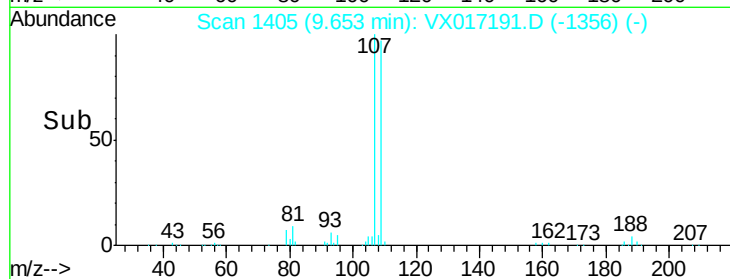
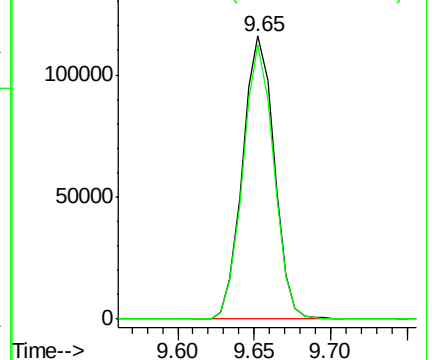
107 100

109 95.2 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.442 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

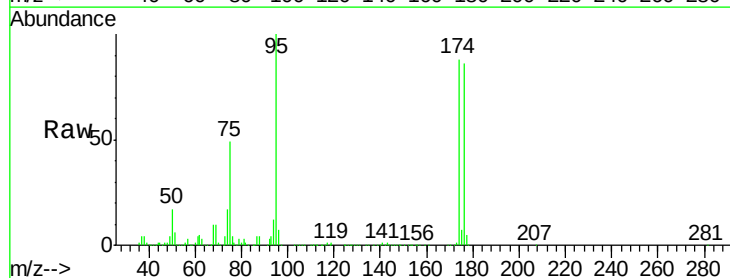
Tgt Ion: 95 Resp: 214904

Ion Ratio Lower Upper

95 100

174 87.3 0.0 164.0

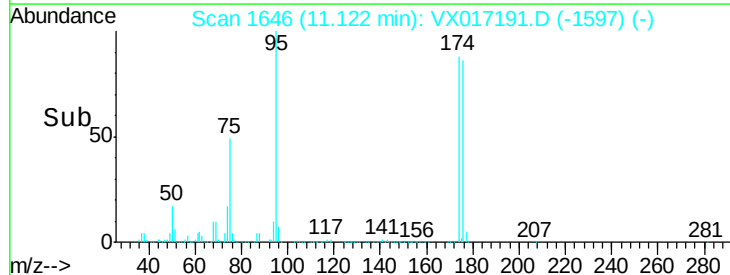
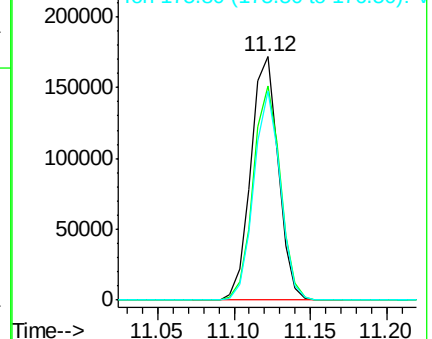
176 82.5 0.0 157.6

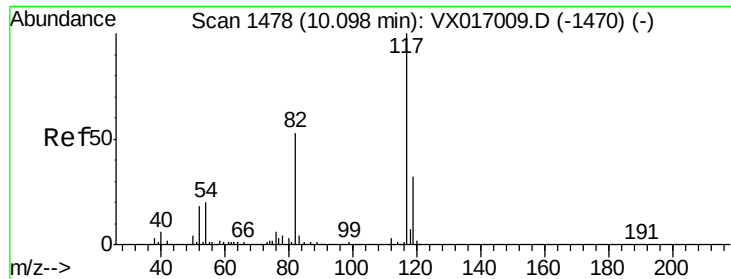


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

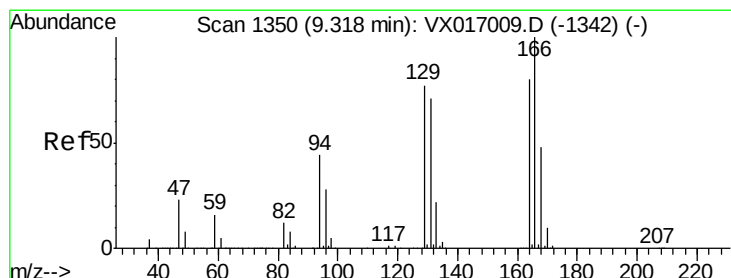
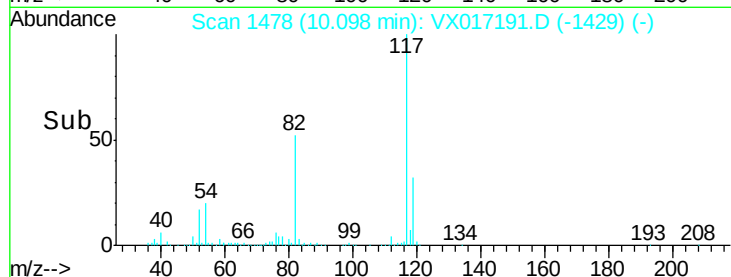
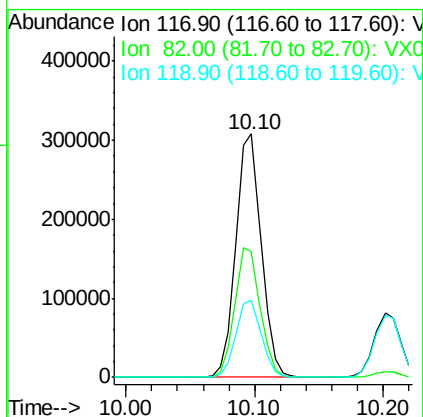
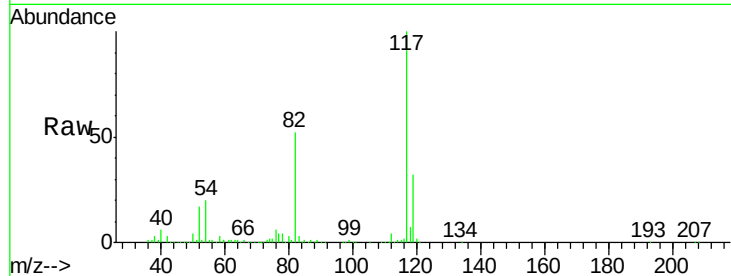




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

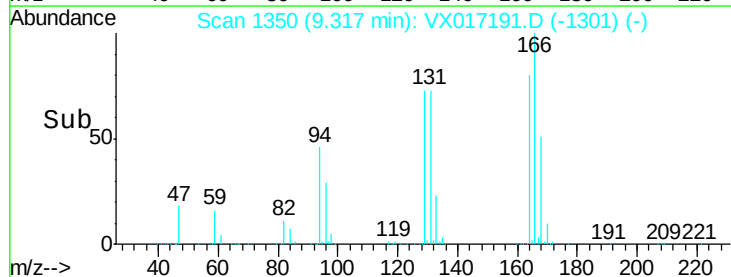
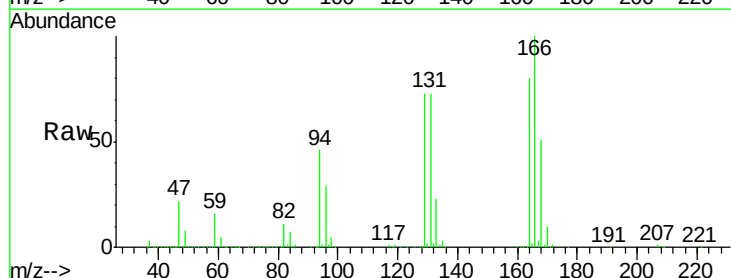
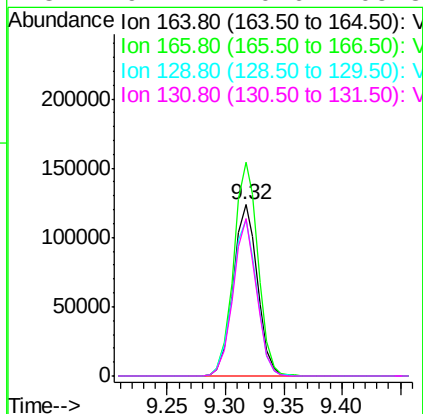
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

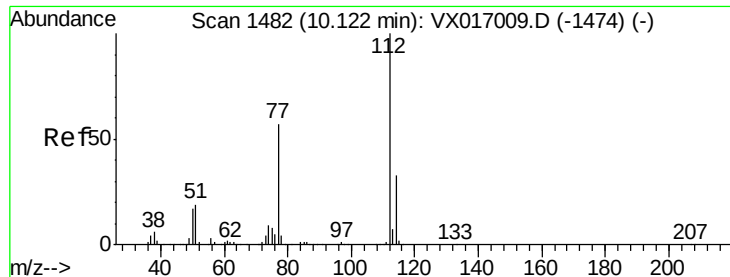
Tgt Ion:117 Resp: 423998
Ion Ratio Lower Upper
117 100
82 51.7 42.6 63.8
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 52.433 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion:164 Resp: 179423
Ion Ratio Lower Upper
164 100
166 124.8 99.4 149.0
129 91.1 76.3 114.5
131 91.7 70.6 105.8

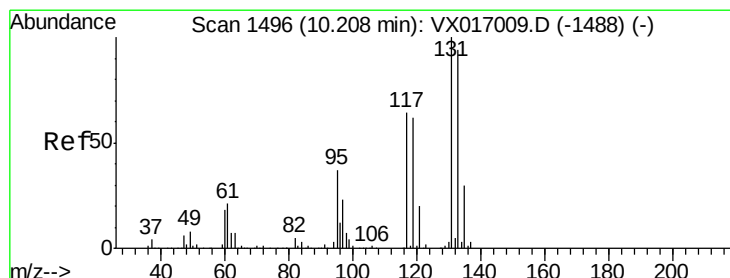
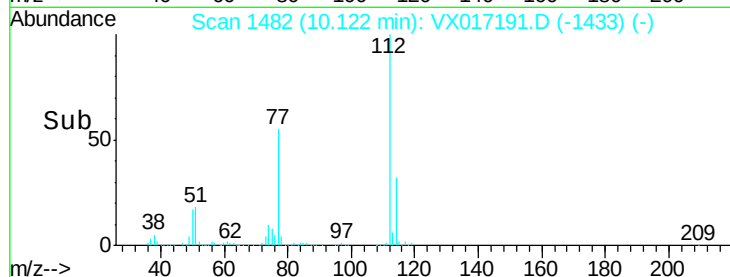
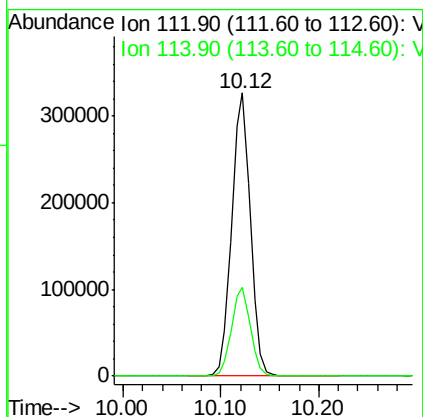
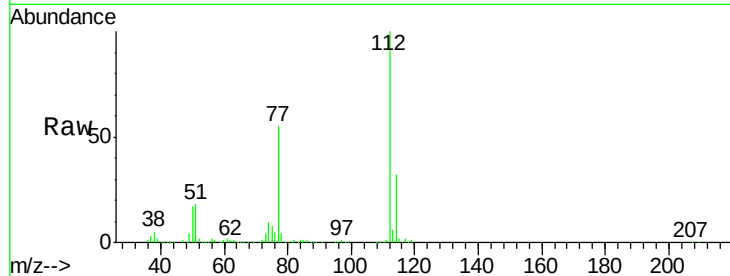




#65
Chlorobenzene
Concen: 49.466 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

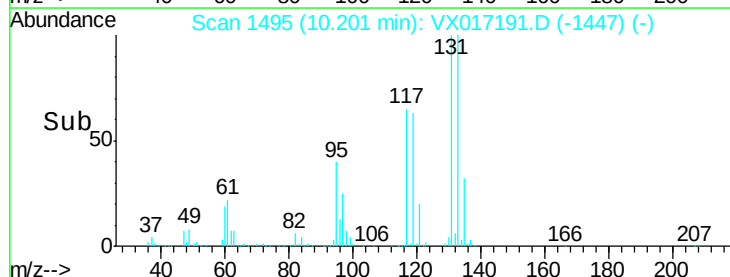
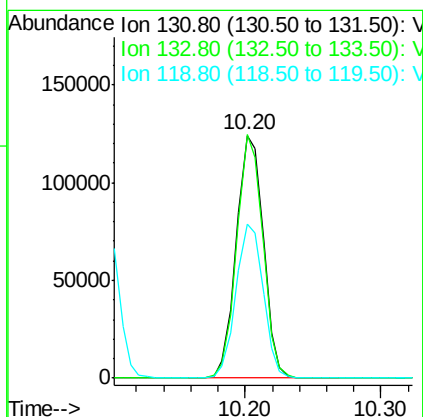
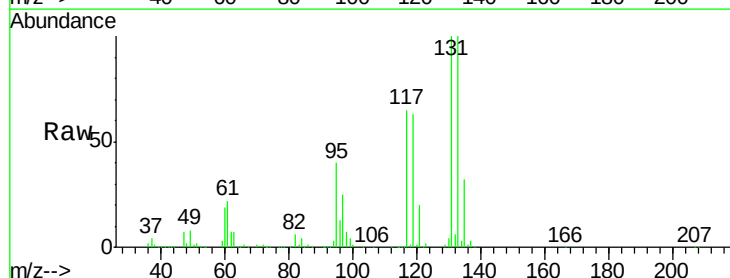
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

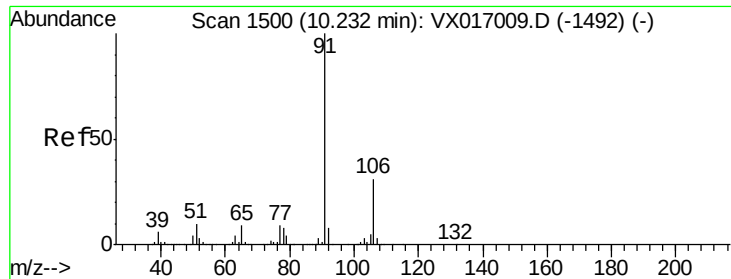
Tgt Ion:112 Resp: 432878
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.189 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion:131 Resp: 172638
Ion Ratio Lower Upper
131 100
133 96.7 47.3 141.9
119 64.1 31.9 95.5





#67

Ethyl Benzene

Concen: 50.588 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

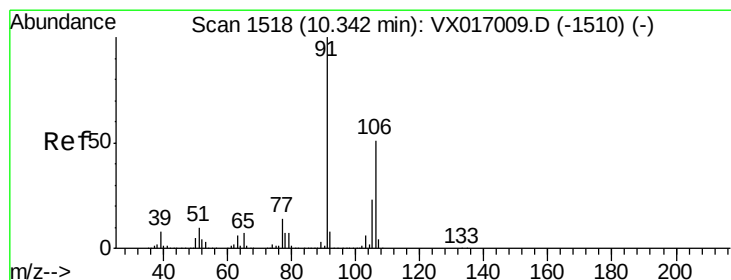
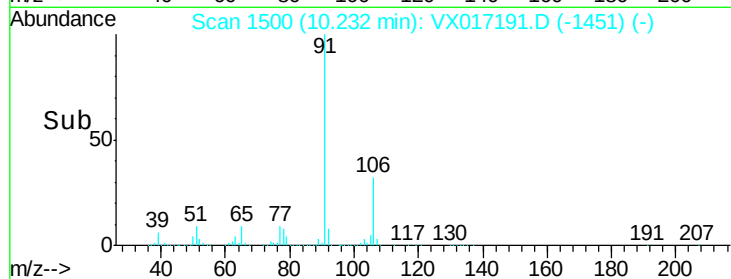
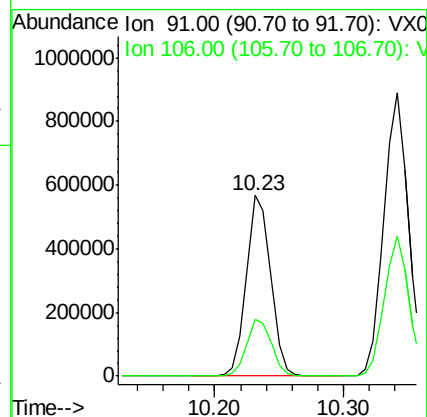
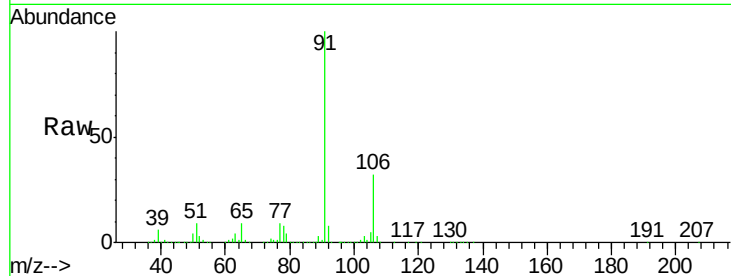
VSTDCCC050

Tgt Ion: 91 Resp: 739304

Ion Ratio Lower Upper

91 100

106 31.5 24.7 37.1



#68

m/p-Xylenes

Concen: 103.039 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017191.D

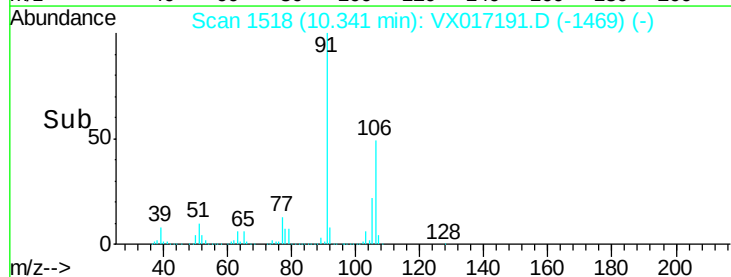
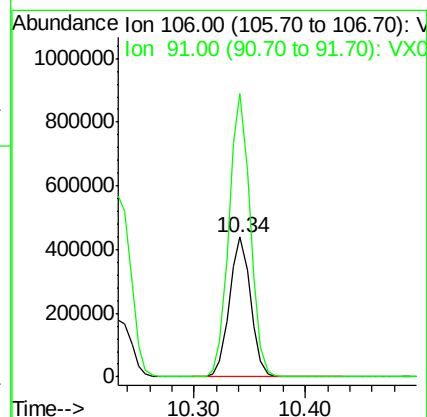
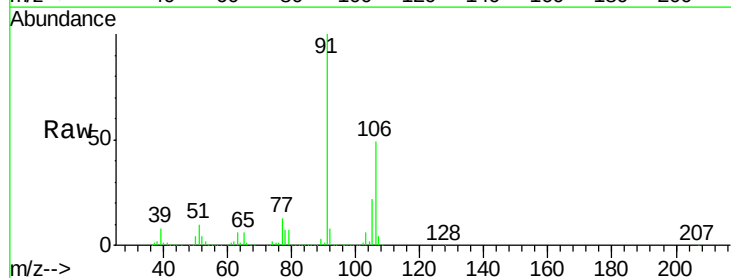
Acq: 07 Jul 2020 09:50

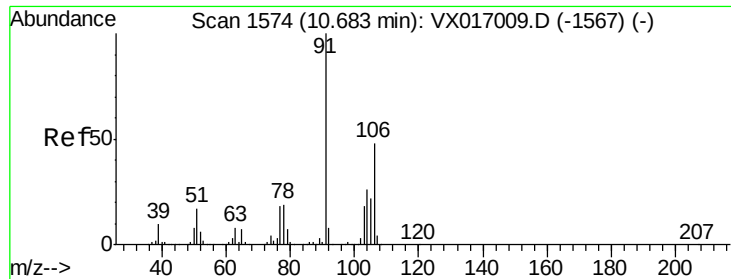
Tgt Ion: 106 Resp: 578198

Ion Ratio Lower Upper

106 100

91 202.6 158.6 238.0

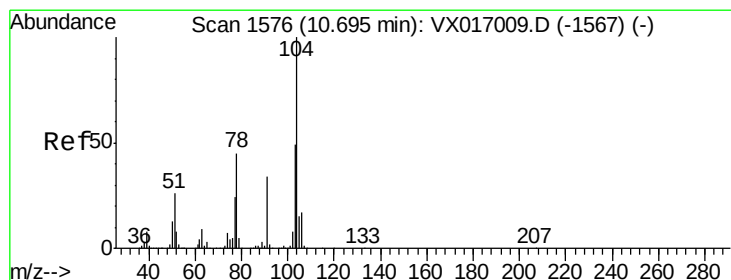
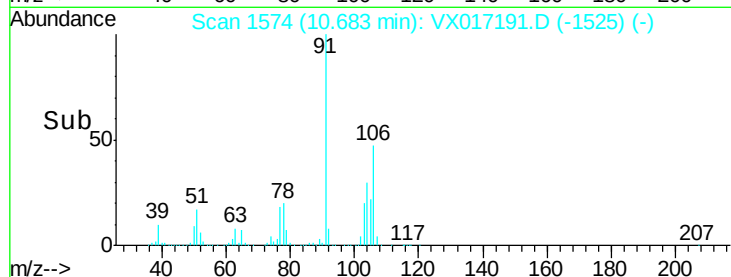
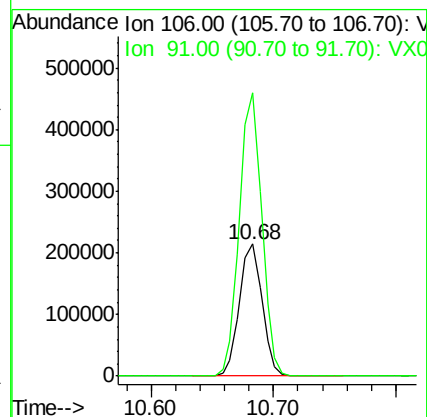
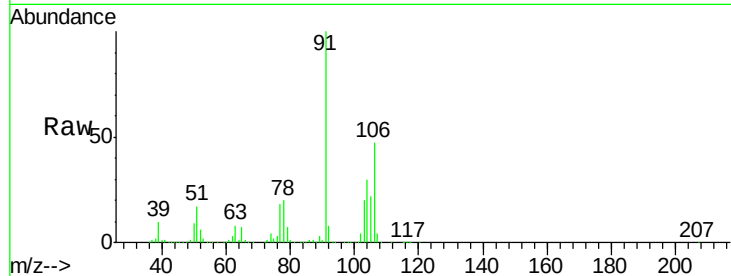




#69
o-Xylene
Concen: 51.248 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

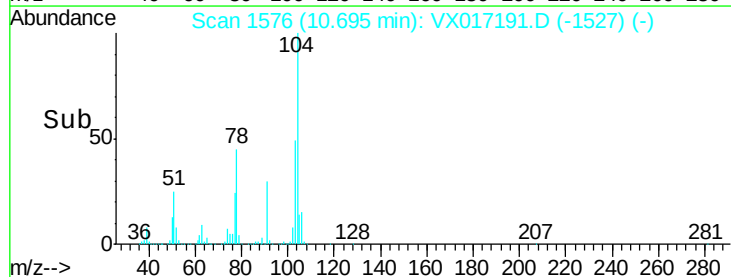
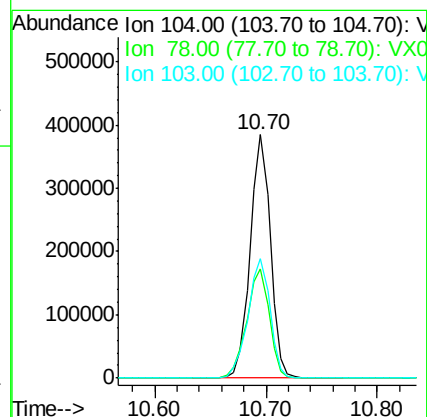
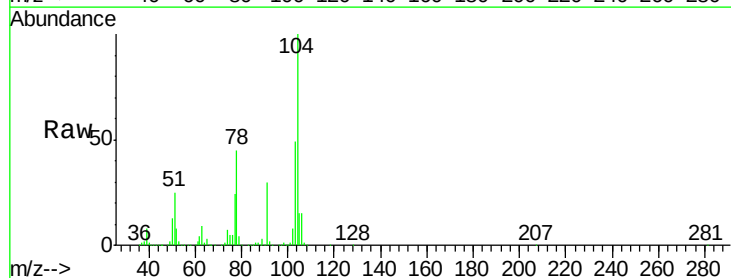
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

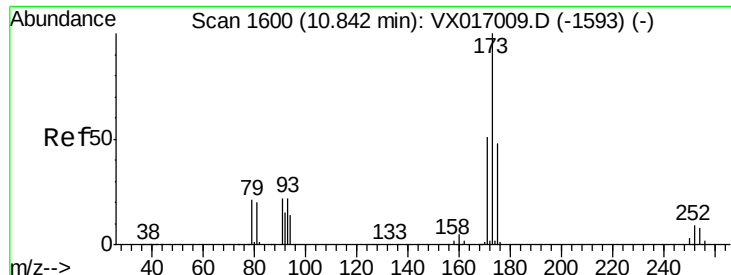
Tgt Ion:106 Resp: 273568
Ion Ratio Lower Upper
106 100
91 212.1 105.6 316.7



#70
Styrene
Concen: 53.453 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion:104 Resp: 485907
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 53.8 43.0 64.6





#71

Bromoform

Concen: 56.909 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

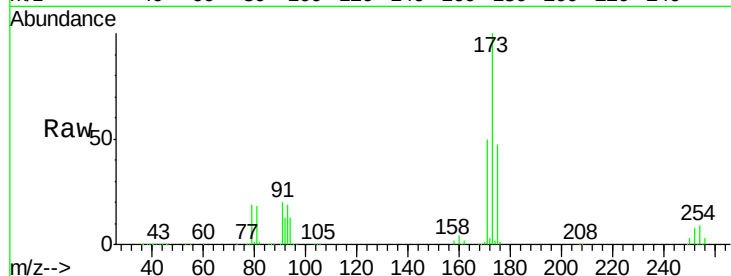
Tgt Ion:173 Resp: 152199

Ion Ratio Lower Upper

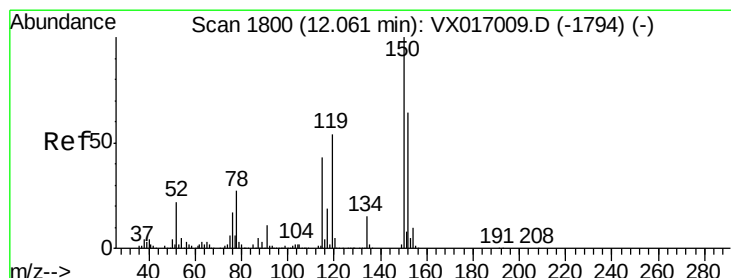
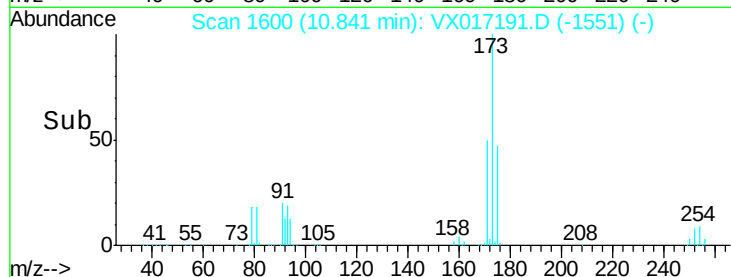
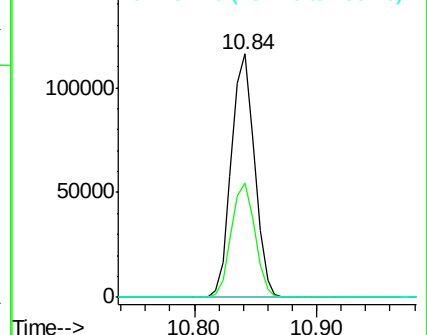
173 100

175 47.9 24.5 73.5

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

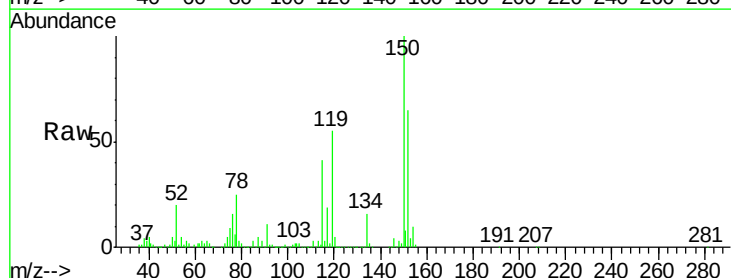
Tgt Ion:152 Resp: 236617

Ion Ratio Lower Upper

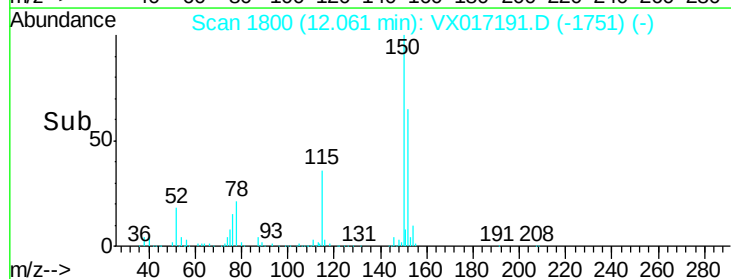
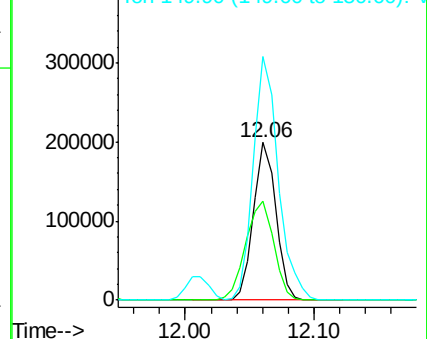
152 100

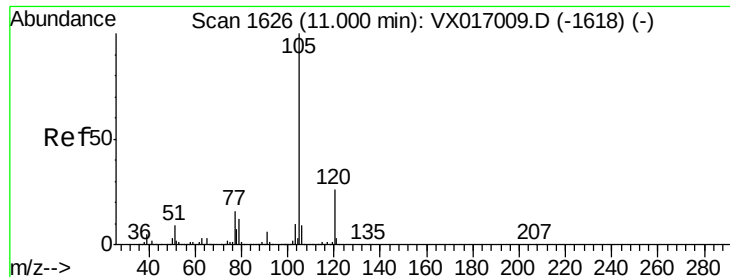
115 79.4 40.9 122.7

150 173.4 0.0 351.6



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: 48.334 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

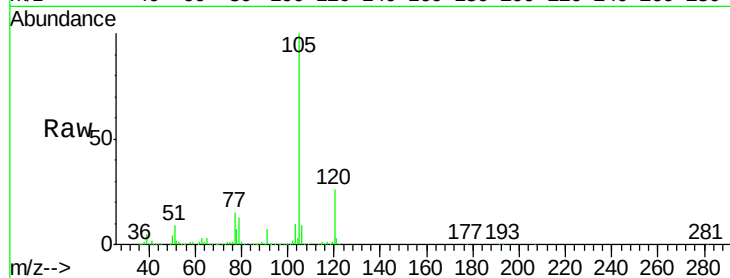
VSTDCCC050

Tgt Ion: 105 Resp: 749108

Ion Ratio Lower Upper

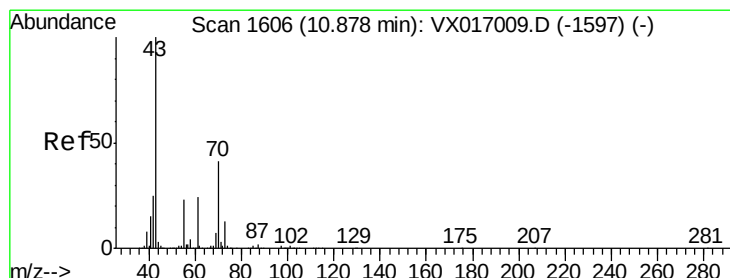
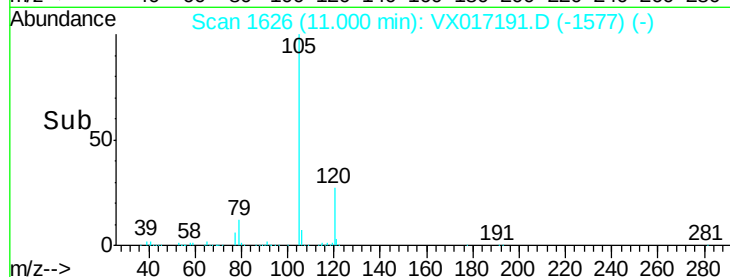
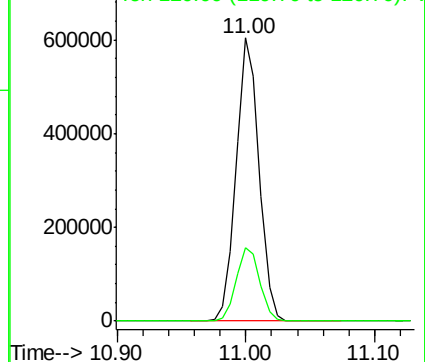
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.891 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Tgt Ion: 43 Resp: 296872

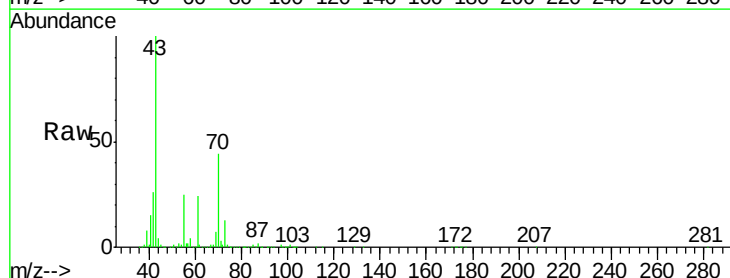
Ion Ratio Lower Upper

43 100

70 44.5 34.2 51.2

55 25.2 19.2 28.8

61 24.9 19.6 29.4

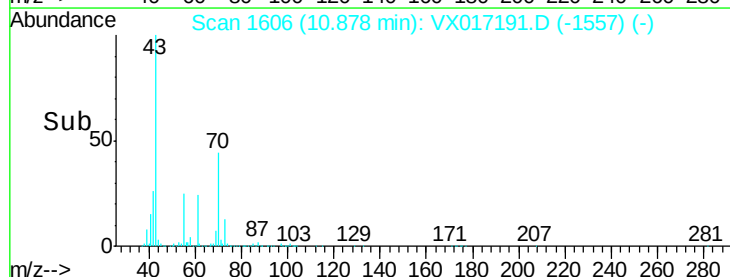
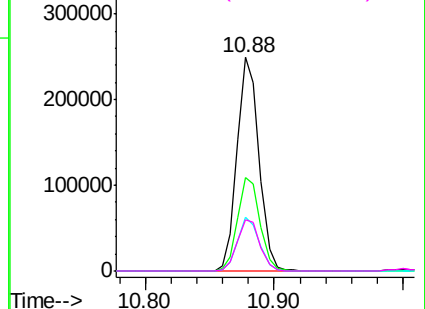


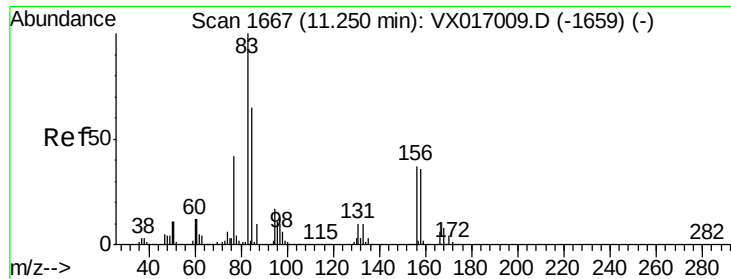
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.697 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

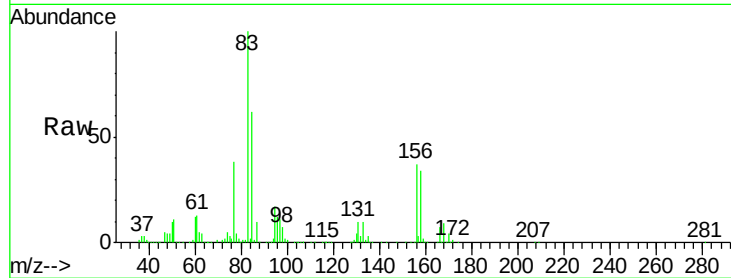
Tgt Ion: 83 Resp: 217908

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

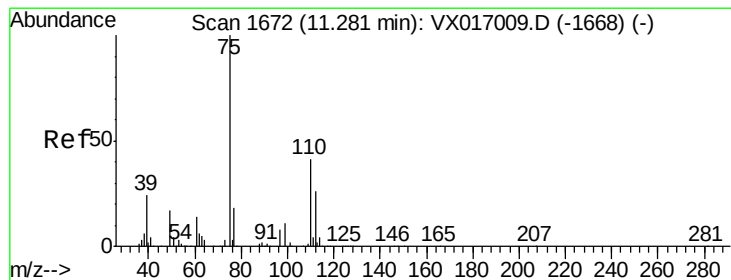
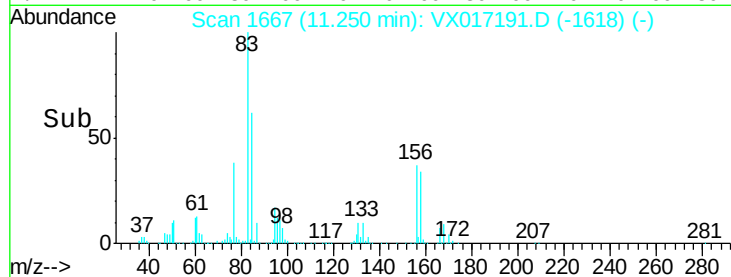
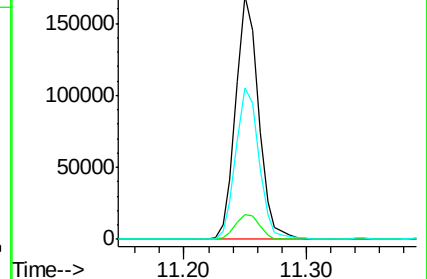
85 63.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 59.223 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017191.D

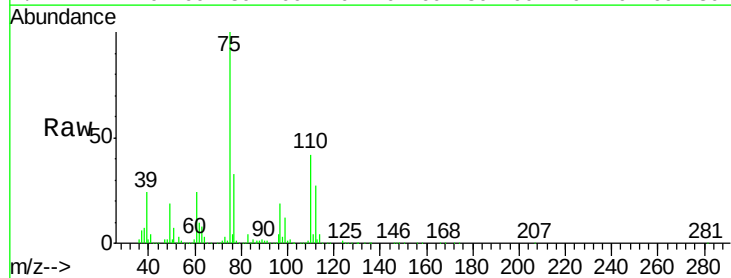
Acq: 07 Jul 2020 09:50

Tgt Ion: 75 Resp: 275562

Ion Ratio Lower Upper

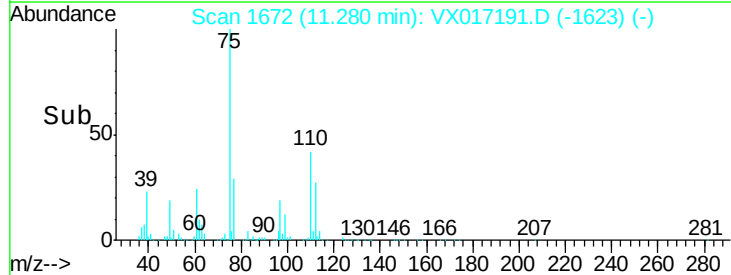
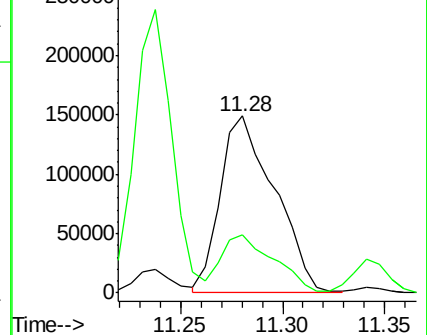
75 100

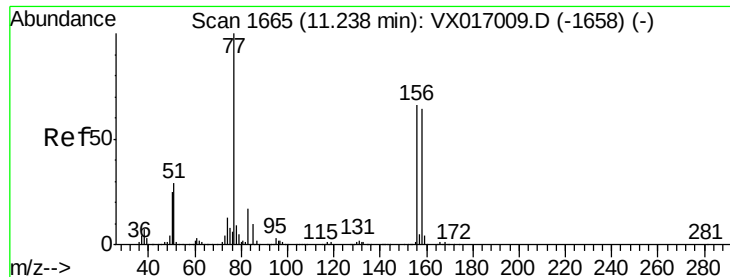
77 31.8 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.540 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

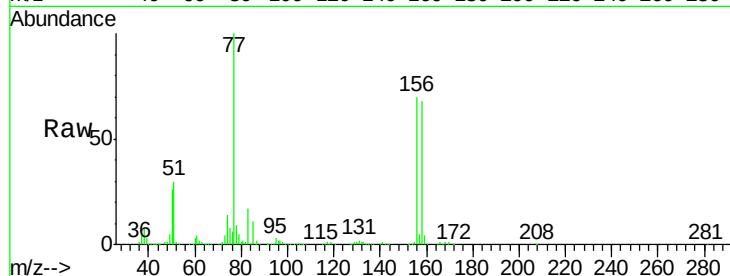
Tgt Ion:156 Resp: 206761

Ion Ratio Lower Upper

156 100

77 146.8 76.9 230.7

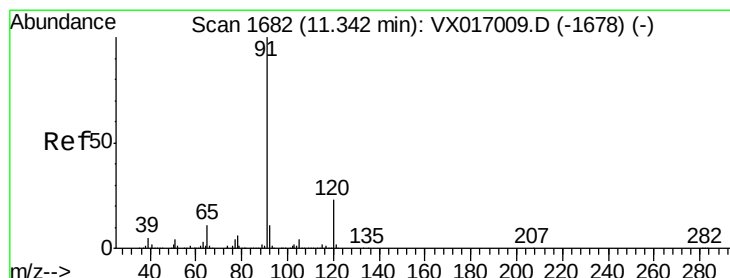
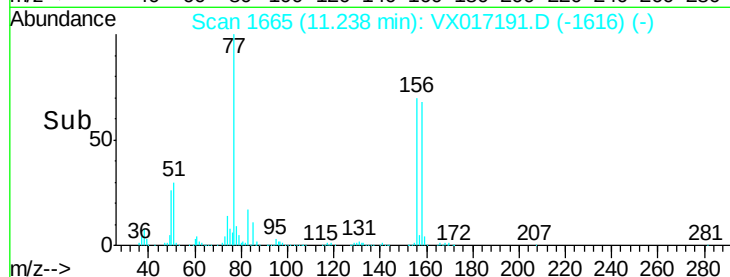
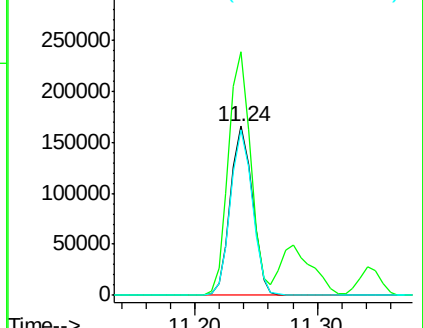
158 96.9 47.9 143.6



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: 48.894 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017191.D

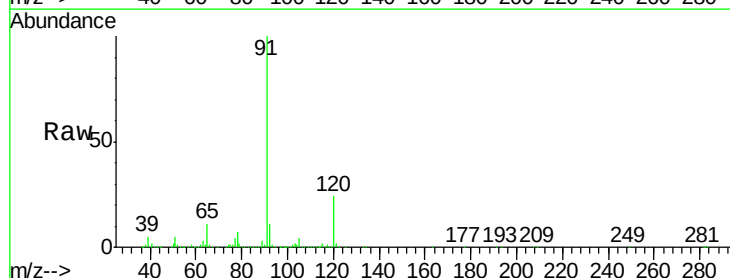
Acq: 07 Jul 2020 09:50

Tgt Ion: 91 Resp: 856943

Ion Ratio Lower Upper

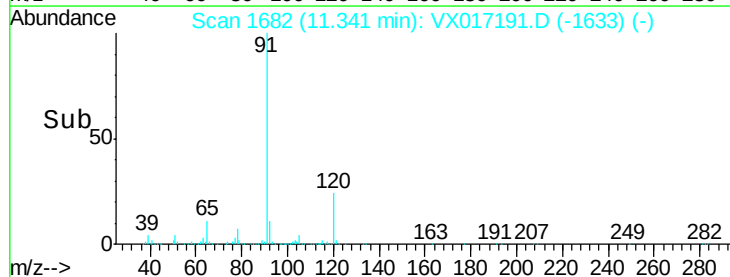
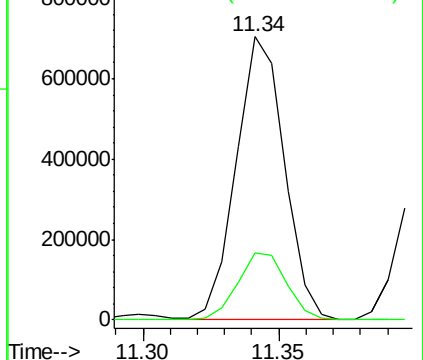
91 100

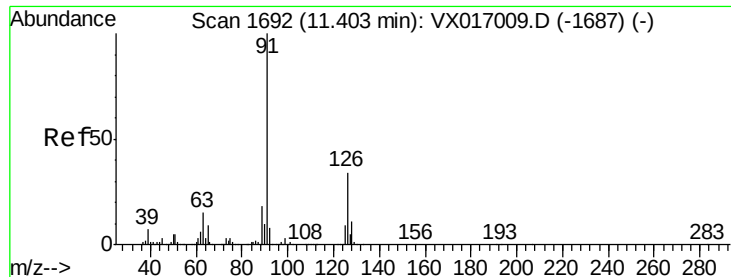
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.198 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

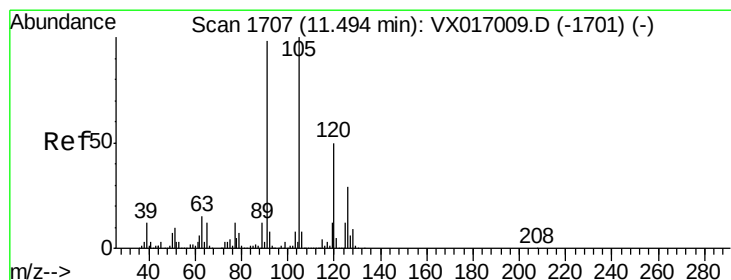
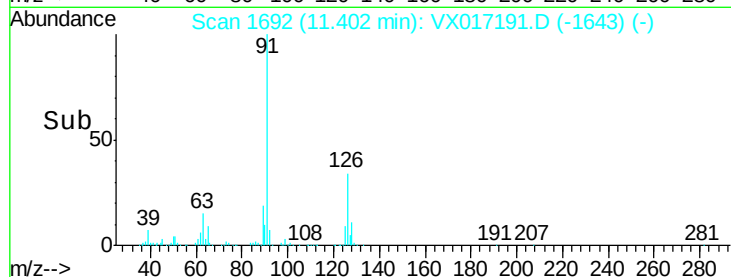
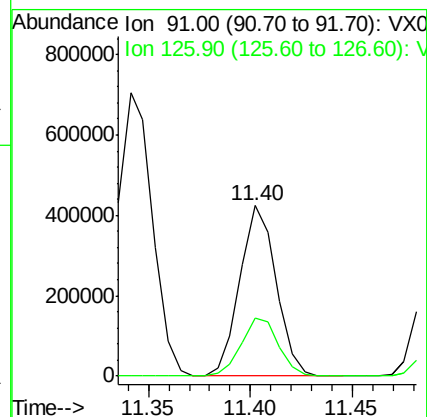
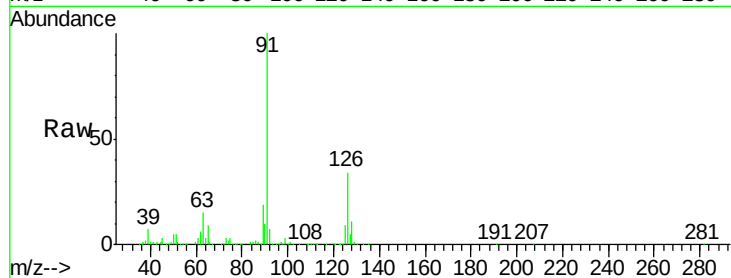
VSTDCCC050

Tgt Ion: 91 Resp: 521855

Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 50.567 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017191.D

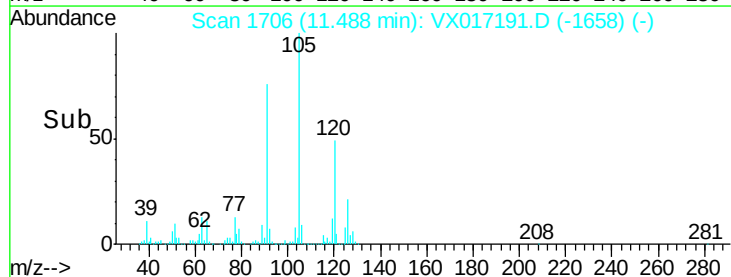
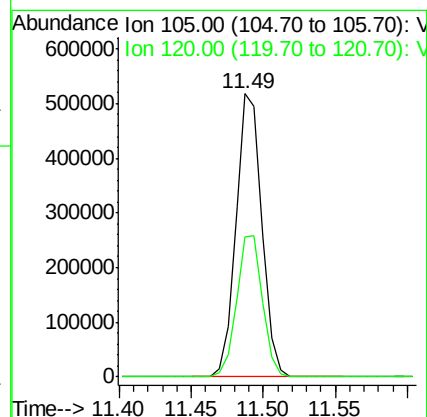
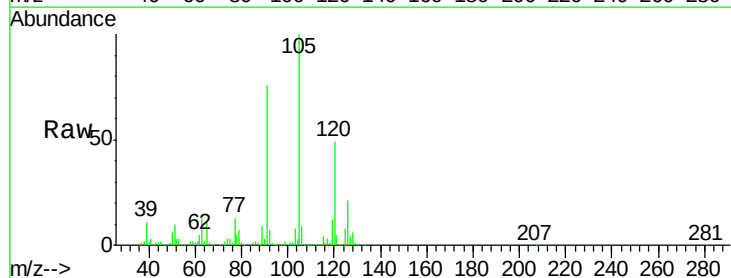
Acq: 07 Jul 2020 09:50

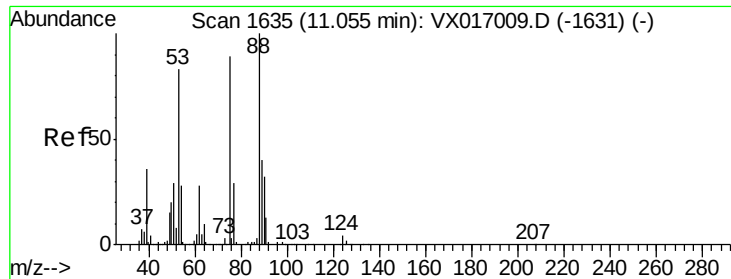
Tgt Ion: 105 Resp: 650081

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.6

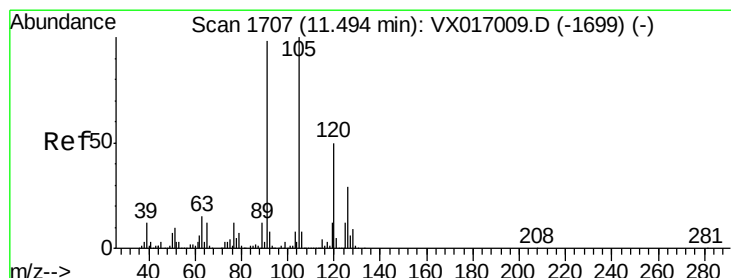
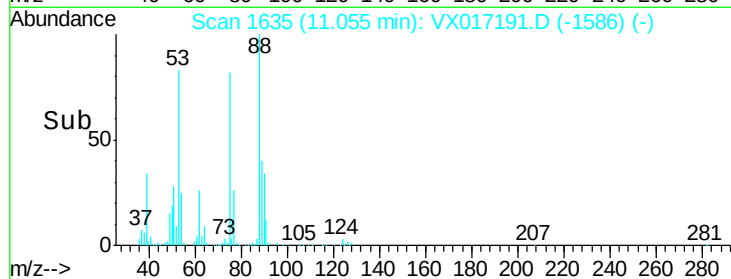
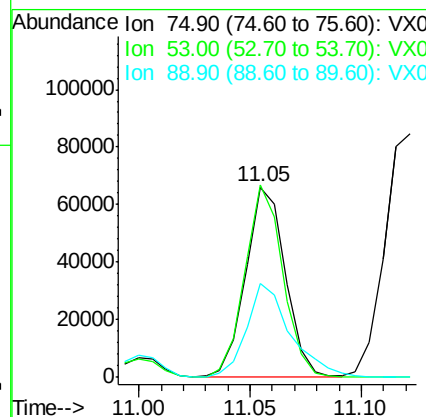
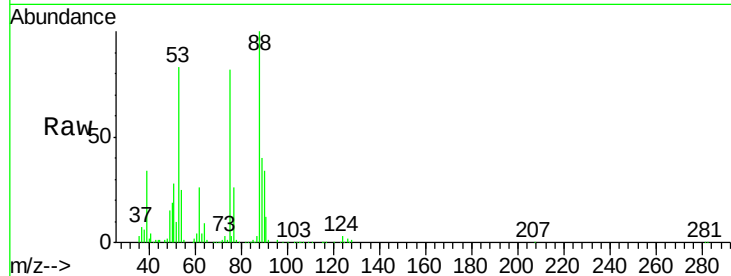




#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.360 ug/l
 RT: 11.05 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

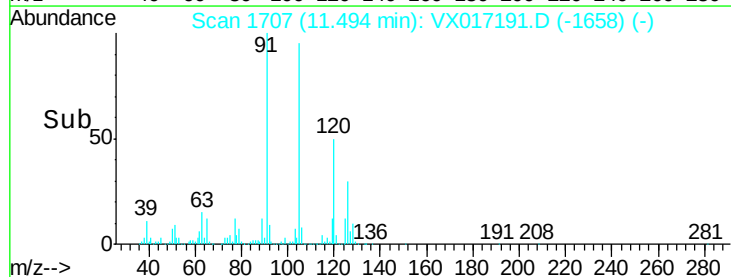
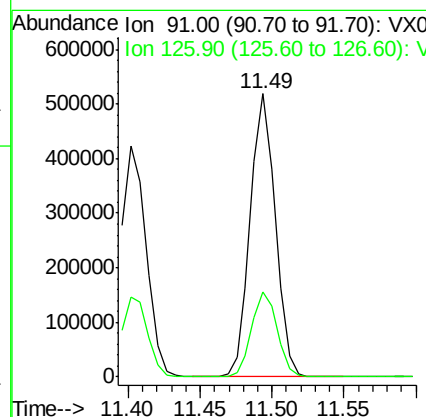
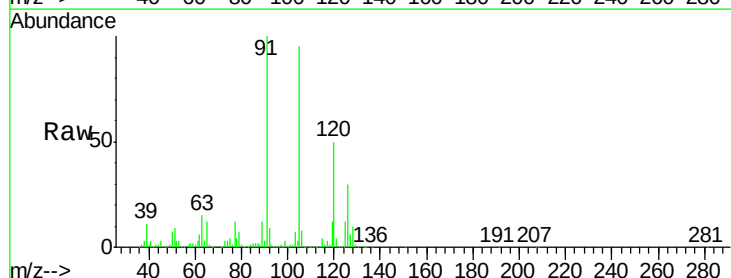
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

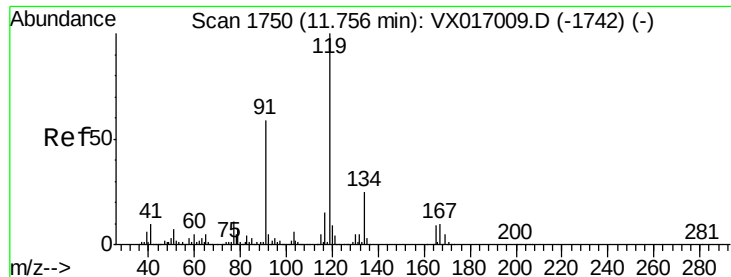
Tgt Ion: 75 Resp: 81501
 Ion Ratio Lower Upper
 75 100
 53 97.8 72.4 108.6
 89 55.3 37.0 55.4



#82
 4-Chlorotoluene
 Concen: 49.313 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion: 91 Resp: 625305
 Ion Ratio Lower Upper
 91 100
 126 30.4 15.2 45.5

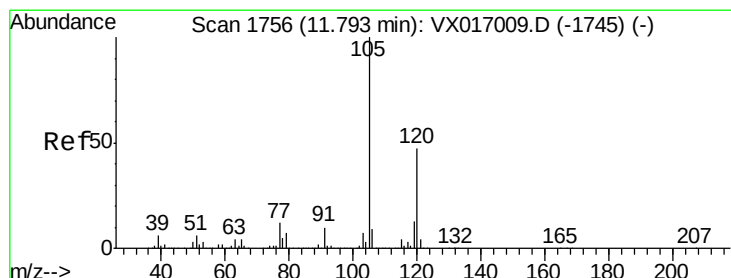
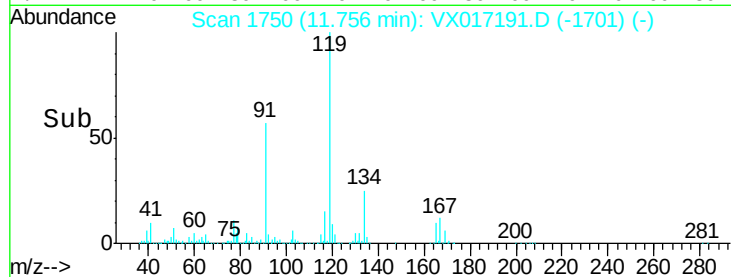
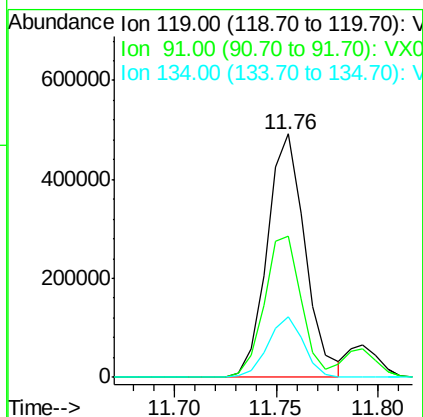
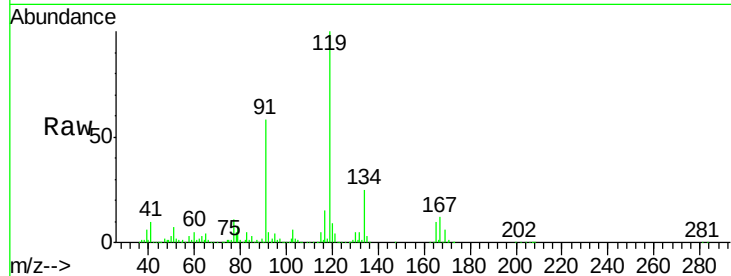




#83
 tert-Butylbenzene
 Concen: 50.535 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

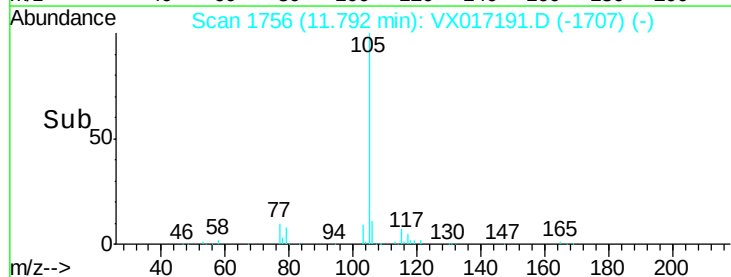
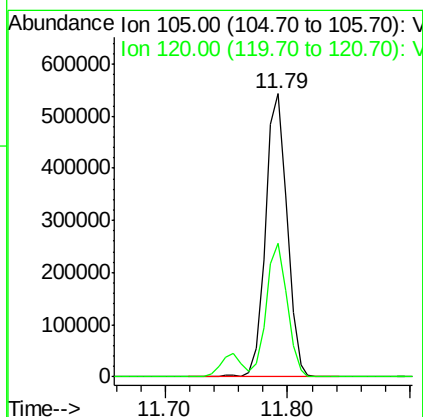
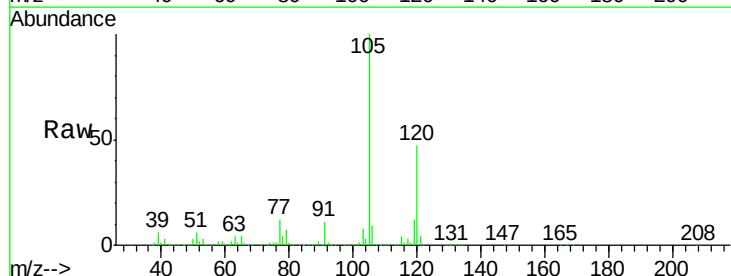
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

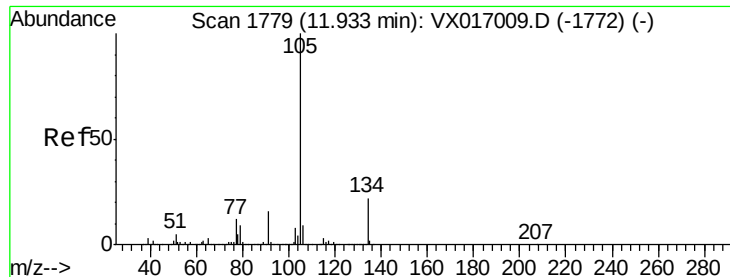
Tgt Ion:119 Resp: 637743
 Ion Ratio Lower Upper
 119 100
 91 56.3 28.3 84.9
 134 23.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.231 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion:105 Resp: 668163
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.5





#85

sec-Butylbenzene

Concen: 49.634 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

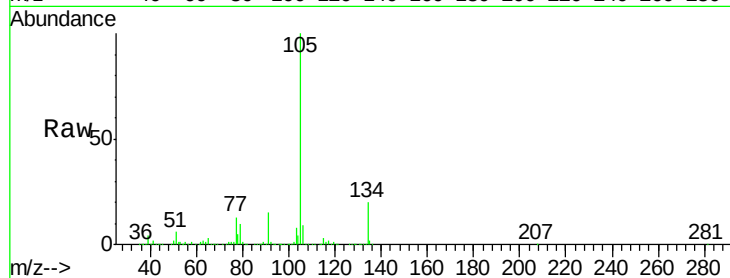
VSTDCCC050

Tgt Ion:105 Resp: 736278

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

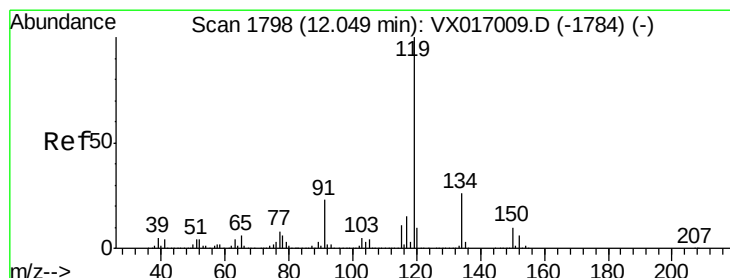
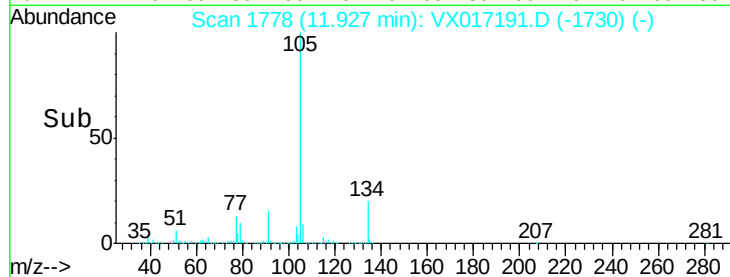
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.600 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

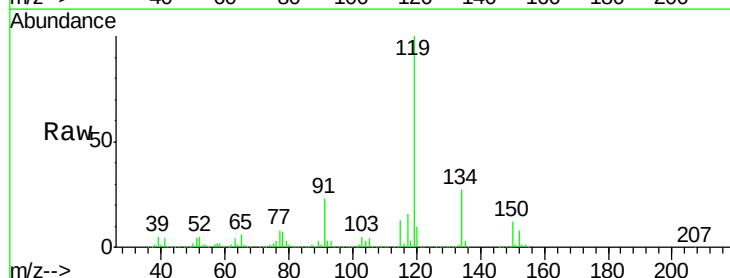
Tgt Ion:119 Resp: 712571

Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 23.7 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

12.05

800000

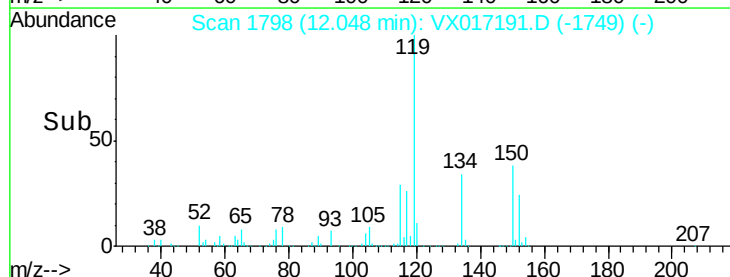
600000

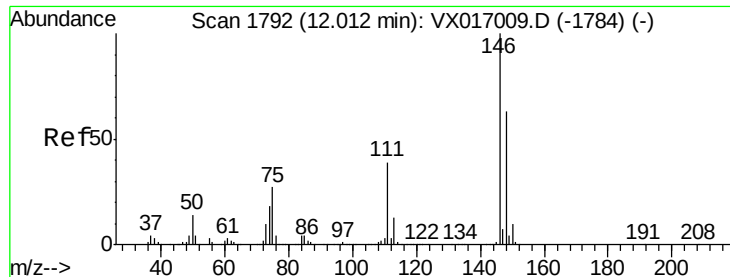
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 47.744 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

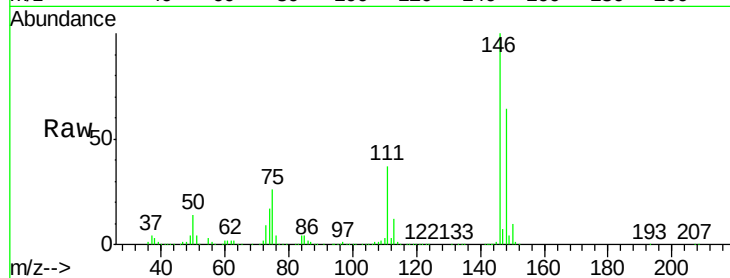
Tgt Ion:146 Resp: 369363

Ion Ratio Lower Upper

146 100

111 39.5 20.4 61.2

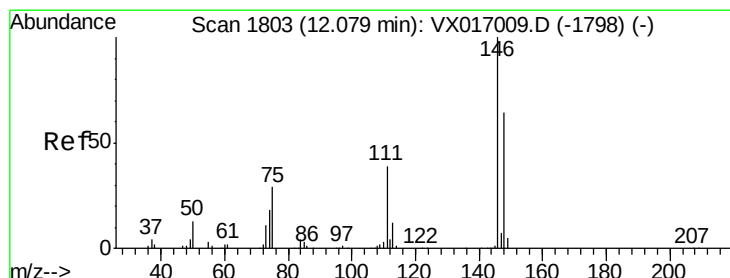
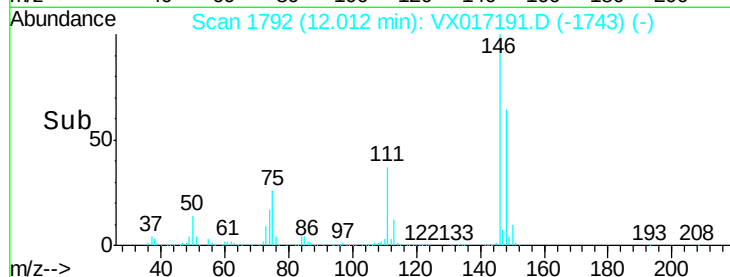
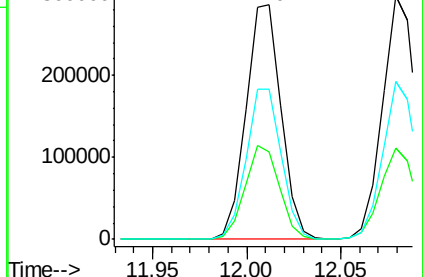
148 64.2 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.051 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

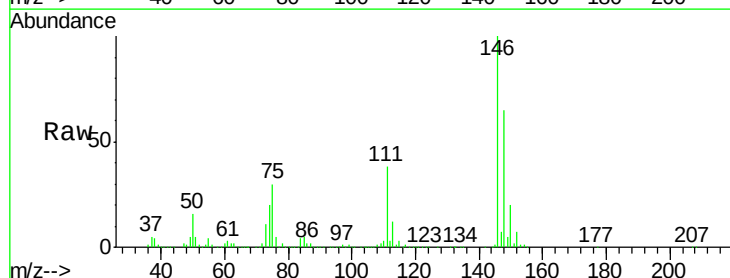
Tgt Ion:146 Resp: 372423

Ion Ratio Lower Upper

146 100

111 38.2 19.5 58.5

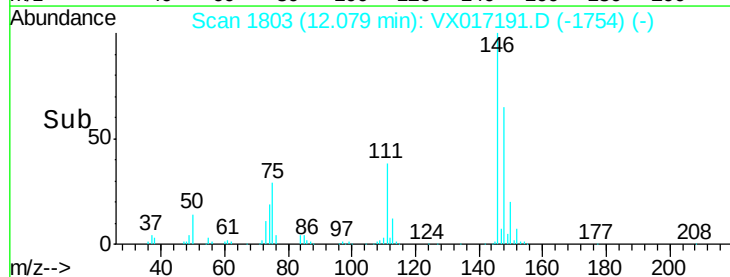
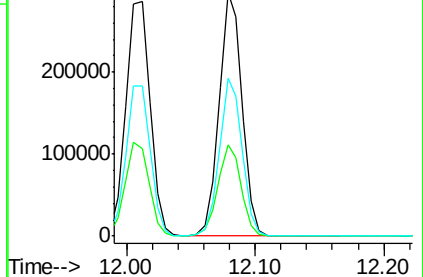
148 64.3 31.9 95.7

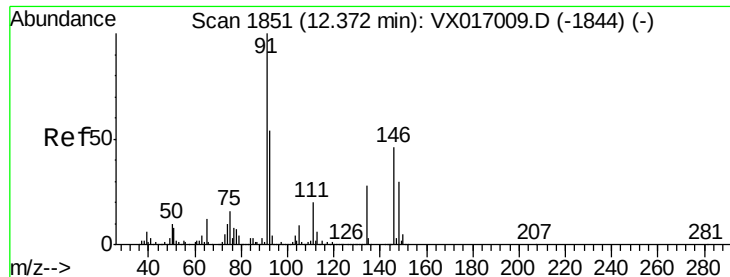


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 48.306 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

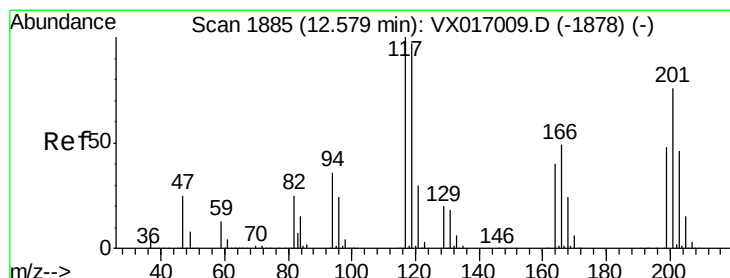
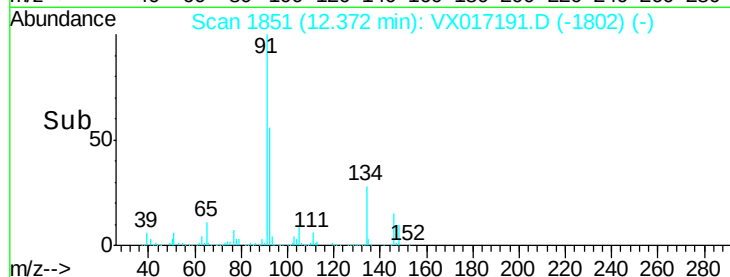
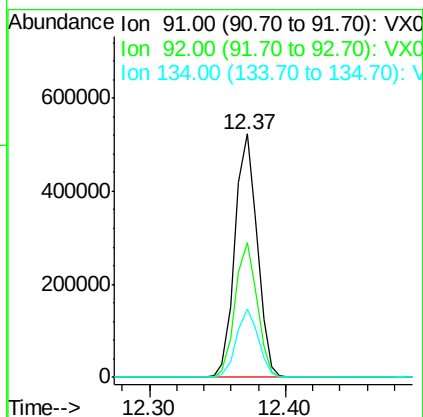
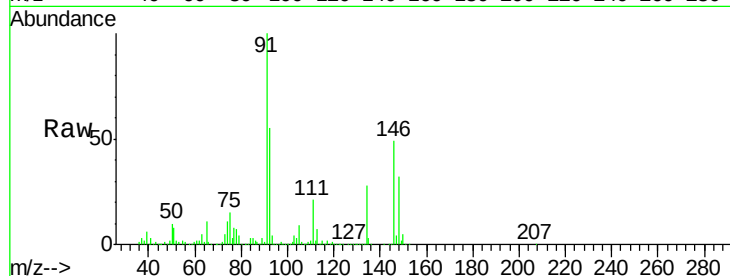
Tgt Ion: 91 Resp: 595646

Ion Ratio Lower Upper

91 100

92 54.8 27.2 81.6

134 27.8 13.6 40.7



#90

Hexachloroethane

Concen: 48.742 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017191.D

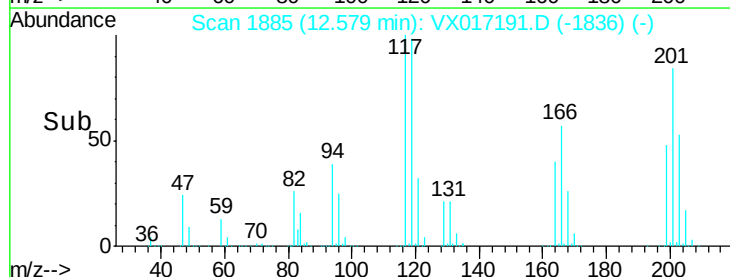
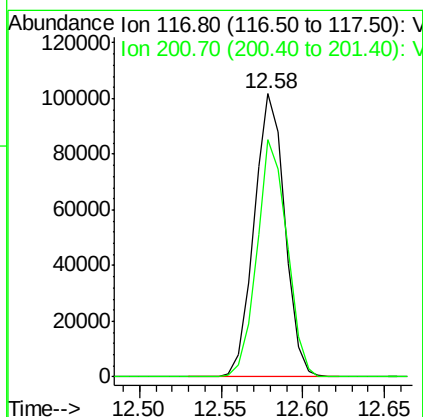
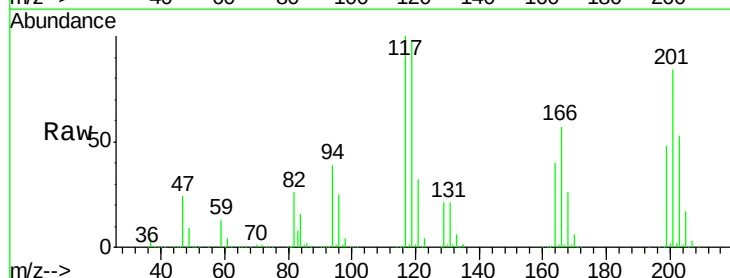
Acq: 07 Jul 2020 09:50

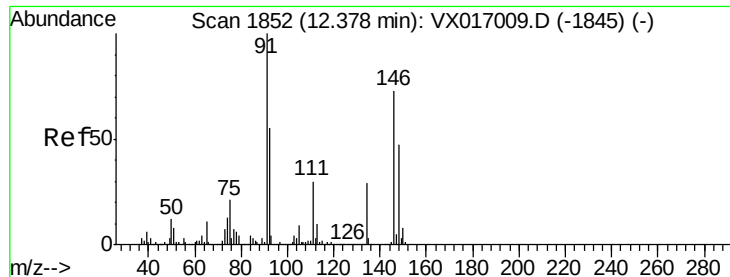
Tgt Ion: 117 Resp: 132737

Ion Ratio Lower Upper

117 100

201 82.4 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 48.113 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

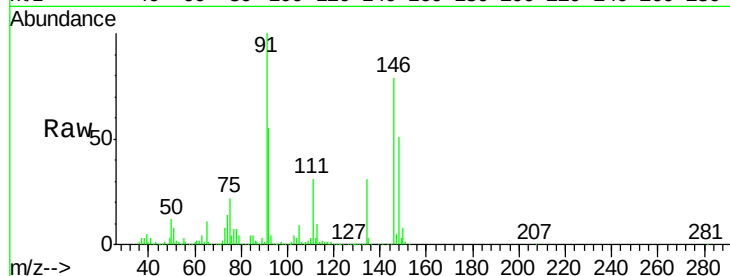
Tgt Ion:146 Resp: 347926

Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.9

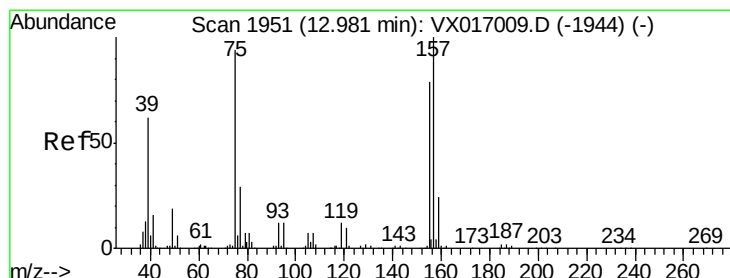
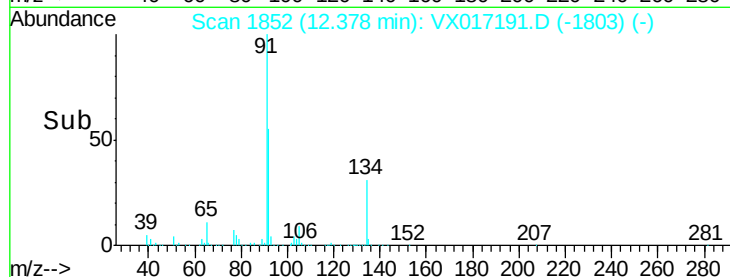
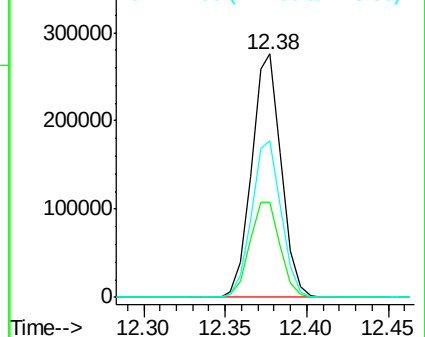
148 64.3 32.4 97.2



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: 43.015 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017191.D

Acq: 07 Jul 2020 09:50

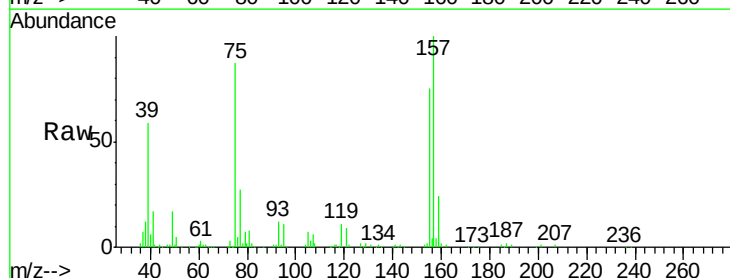
Tgt Ion: 75 Resp: 50027

Ion Ratio Lower Upper

75 100

155 88.8 45.1 135.2

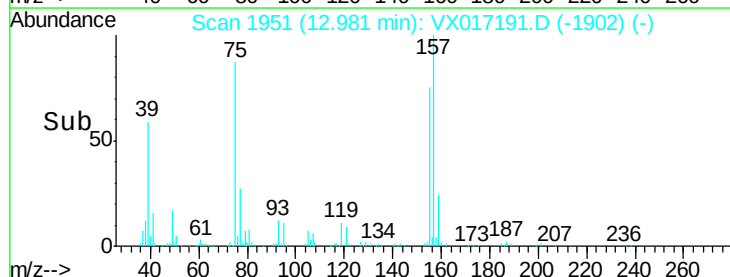
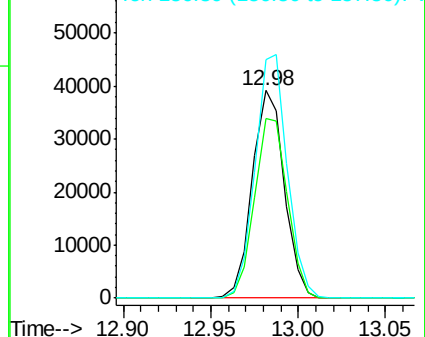
157 117.0 56.5 169.3

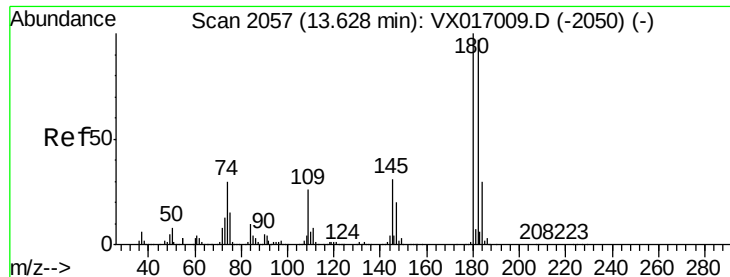


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

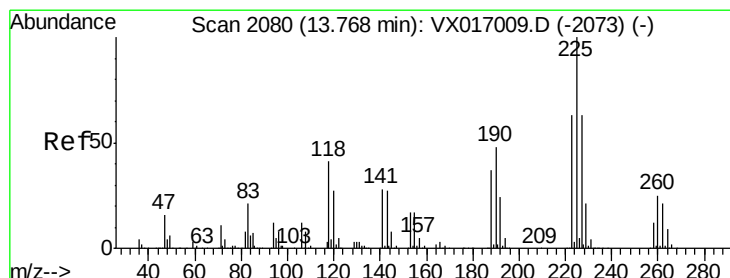
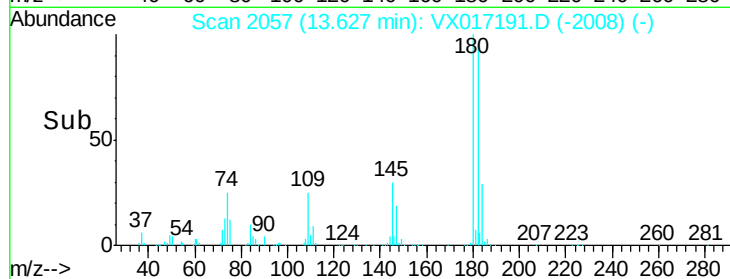
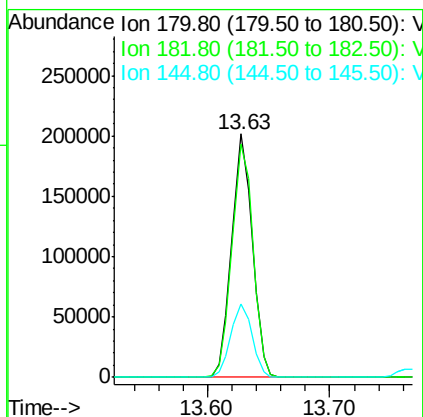
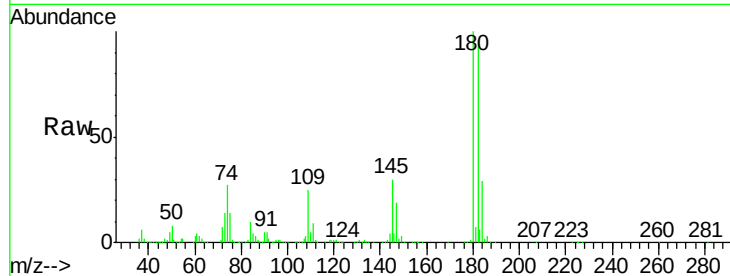




#93
 1,2,4-Trichlorobenzene
 Concen: 47.536 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

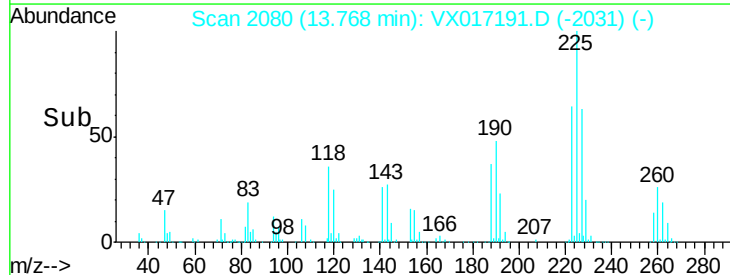
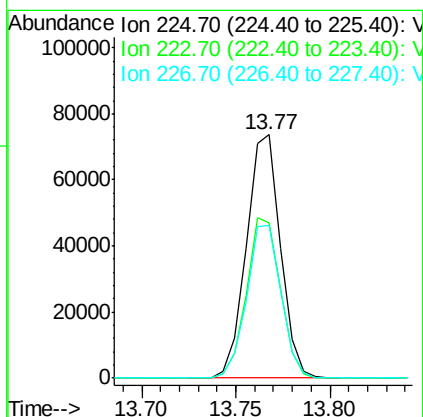
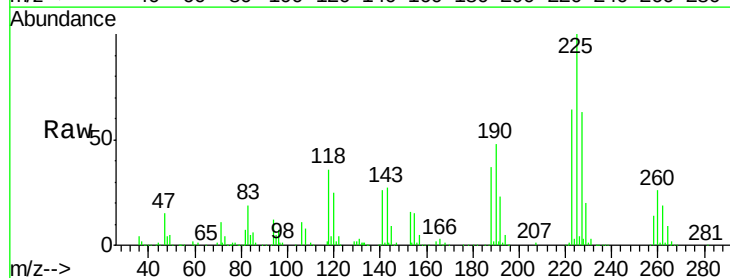
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

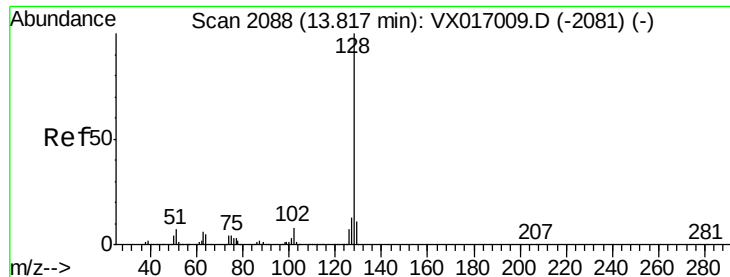
Tgt Ion:180 Resp: 234627
 Ion Ratio Lower Upper
 180 100
 182 97.8 47.3 141.9
 145 31.3 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 49.191 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017191.D
 Acq: 07 Jul 2020 09:50

Tgt Ion:225 Resp: 92119
 Ion Ratio Lower Upper
 225 100
 223 65.8 32.5 97.5
 227 63.7 33.1 99.2

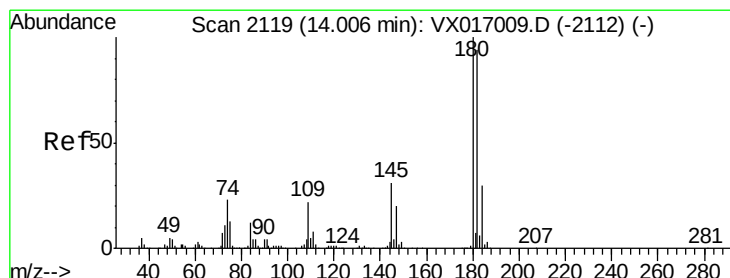
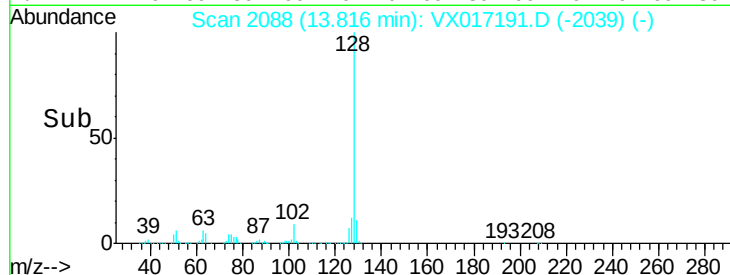
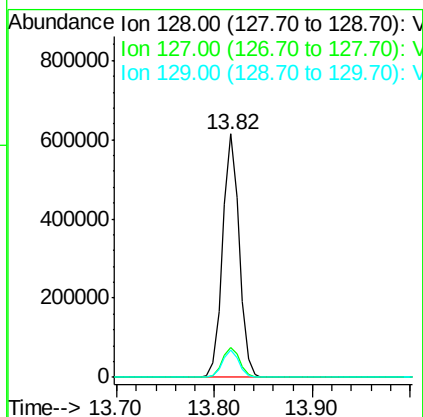
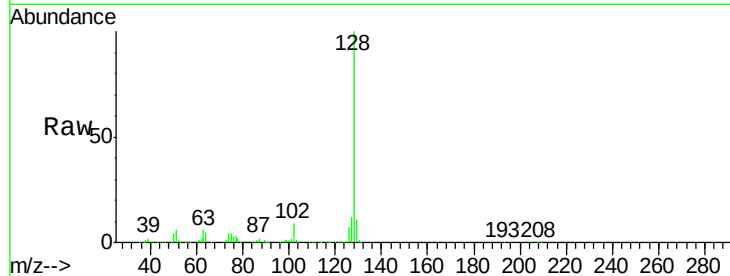




#95
Naphthalene
Concen: 47.964 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 719726
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.771 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX017191.D
Acq: 07 Jul 2020 09:50

Tgt Ion:180 Resp: 232964
Ion Ratio Lower Upper
180 100
182 96.4 47.1 141.4
145 32.8 16.6 49.7

