

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070620\
 Data File : VX07162.D
 Acq On : 06 Jul 2020 12:59
 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 06 15:10:32 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	323131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	467662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	441583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	250791	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	193828	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	5.46	113	158140	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
50) Toluene-d8	8.70	98	575718	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	11.12	95	233155	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	146708	46.930	ug/l	98
3) Chloromethane	1.31	50	143306	37.872	ug/l	99
4) Vinyl Chloride	1.39	62	145490	41.441	ug/l	98
5) Bromomethane	1.62	94	86414	46.588	ug/l	99
6) Chloroethane	1.71	64	91473	44.115	ug/l	99
7) Trichlorofluoromethane	1.92	101	261239	50.312	ug/l	100
8) Diethyl Ether	2.17	74	84775	48.535	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	150100	48.232	ug/l	96
10) Methyl Iodide	2.49	142	150188	37.401	ug/l	99
11) Tert butyl alcohol	3.01	59	158119	208.066	ug/l	100
12) 1,1-Dichloroethene	2.36	96	140781	44.036	ug/l	99
13) Acrolein	2.27	56	64383	141.725	ug/l	98
14) Allyl chloride	2.71	41	247230	41.845	ug/l	96
15) Acrylonitrile	3.11	53	379337	207.642	ug/l	98
16) Acetone	2.42	43	312428	209.653	ug/l	99
17) Carbon Disulfide	2.55	76	401395	44.996	ug/l	99
18) Methyl Acetate	2.75	43	169905	43.675	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	508418	47.385	ug/l	98
20) Methylene Chloride	2.83	84	162499	47.507	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	161644	45.562	ug/l	99
22) Diisopropyl ether	3.82	45	488128	44.639	ug/l	95
23) Vinyl Acetate	3.78	43	2132587	226.954	ug/l	99
24) 1,1-Dichloroethane	3.67	63	278954	44.834	ug/l	98
25) 2-Butanone	4.63	43	510987	205.788	ug/l	100
26) 2,2-Dichloropropane	4.55	77	254986	46.155	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	175839	43.743	ug/l	98
28) Bromochloromethane	4.98	49	133049	43.943	ug/l	94
29) Tetrahydrofuran	5.09	42	337249	205.562	ug/l	99
30) Chloroform	5.17	83	295491	46.328	ug/l	99
31) Cyclohexane	5.54	56	239978	44.621	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	276879	47.136	ug/l	99
36) 1,1-Dichloropropene	5.77	75	218211	49.369	ug/l	99
37) Ethyl Acetate	4.79	43	203207	45.313	ug/l	99
38) Carbon Tetrachloride	5.75	117	258159	53.029	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	250904	51.020	ug/l	98
40) Benzene	6.11	78	619703	47.719	ug/l	98
41) Methacrylonitrile	5.00	41	119236	47.241	ug/l	98
42) 1,2-Dichloroethane	6.16	62	240023	51.168	ug/l	100
43) Isopropyl Acetate	6.41	43	342136	45.912	ug/l	99
44) Trichloroethene	7.18	130	188757	52.688	ug/l	97
45) 1,2-Dichloropropane	7.49	63	157549	47.234	ug/l	98
46) Dibromomethane	7.63	93	113121	49.675	ug/l	95
47) Bromodichloromethane	7.87	83	241109	51.377	ug/l	96
48) Methyl methacrylate	7.74	41	170187	48.070	ug/l	96
49) 1,4-Dioxane	7.71	88	70714	881.642	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1034854	232.963	ug/l	100
52) Toluene	8.76	92	407886	50.306	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	265878	51.349	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	278203	50.121	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	165295	49.897	ug/l	99
56) Ethyl methacrylate	9.16	69	240867	51.084	ug/l	98
57) 1,3-Dichloropropane	9.35	76	270822	48.314	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	640091	272.766	ug/l	98
59) 2-Hexanone	9.47	43	772599	238.145	ug/l	100
60) Dibromochloromethane	9.56	129	202496	52.629	ug/l	99
61) 1,2-Dibromoethane	9.65	107	176896	49.678	ug/l	99
64) Tetrachloroethene	9.32	164	184396	51.741	ug/l	97
65) Chlorobenzene	10.12	112	453130	49.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	180487	51.385	ug/l	98
67) Ethyl Benzene	10.23	91	781593	51.351	ug/l	100
68) m/p-Xylenes	10.34	106	611897	104.702	ug/l	98
69) o-Xylene	10.68	106	286906	51.606	ug/l	97
70) Styrene	10.70	104	504113	53.248	ug/l	99
71) Bromoform	10.84	173	156460	56.173	ug/l	100
73) Isopropylbenzene	11.00	105	799187	48.651	ug/l	100
74) N-amyl acetate	10.88	43	316141	45.103	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	228768	44.273	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	288836	58.568	ug/l	86
77) Bromobenzene	11.24	156	217566	48.190	ug/l	95
78) n-propylbenzene	11.34	91	915107	49.262	ug/l	100
79) 2-Chlorotoluene	11.40	91	549572	48.883	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	692096	50.793	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	87558	45.977	ug/l	97
82) 4-Chlorotoluene	11.49	91	658877	49.024	ug/l	99
83) tert-Butylbenzene	11.76	119	669540	50.056	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	709199	51.304	ug/l	99
85) sec-Butylbenzene	11.93	105	779589	49.583	ug/l	99
86) p-Isopropyltoluene	12.05	119	752630	51.420	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	389316	47.479	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	395431	51.142	ug/l	99
89) n-Butylbenzene	12.37	91	620806	47.501	ug/l	98
90) Hexachloroethane	12.58	117	137948	47.792	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	361358	47.146	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51899	42.103	ug/l	96

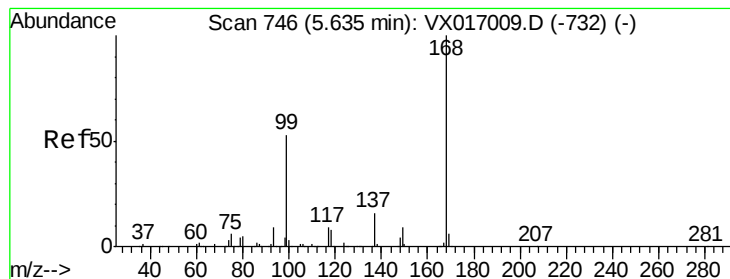
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	253494	48.456	ug/l	99
94) Hexachlorobutadiene	13.76	225	100027	50.374	ug/l	96
95) Naphthalene	13.82	128	776919	48.849	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	251794	49.734	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

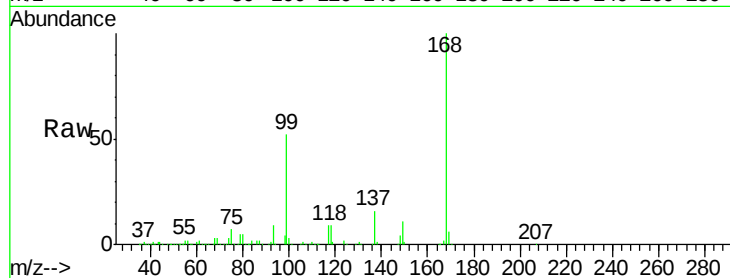
VSTDCCC050

Tgt Ion:168 Resp: 323131

Ion Ratio Lower Upper

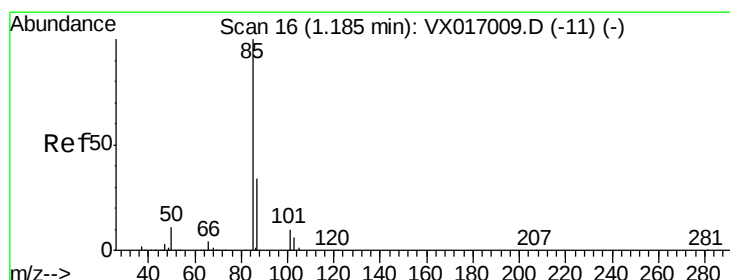
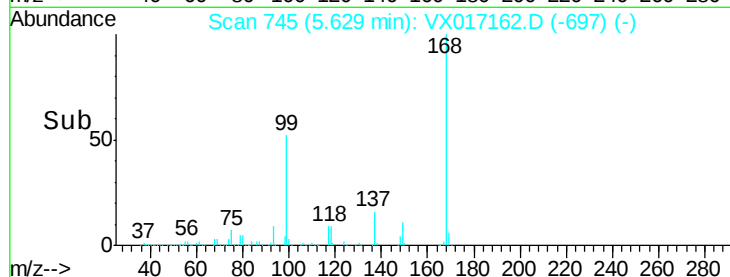
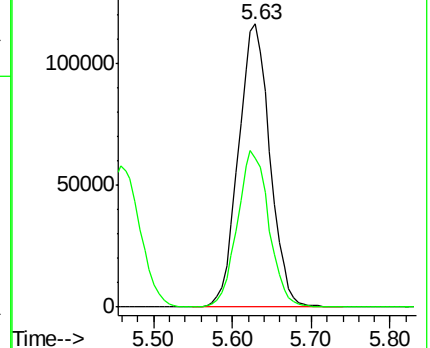
168 100

99 52.3 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: 46.930 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017162.D

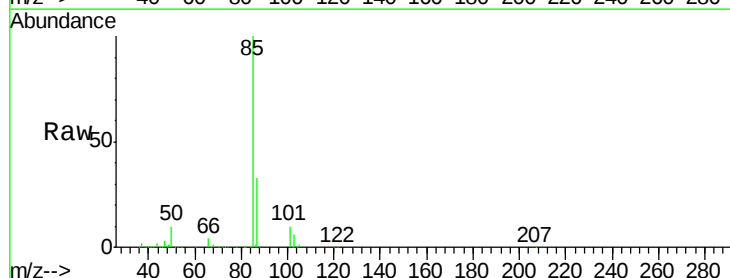
Acq: 06 Jul 2020 12:59

Tgt Ion: 85 Resp: 146708

Ion Ratio Lower Upper

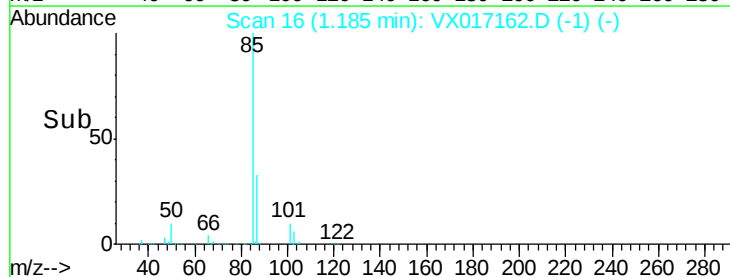
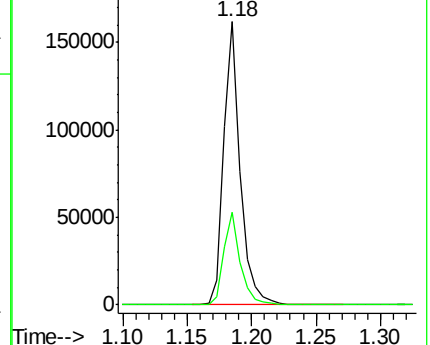
85 100

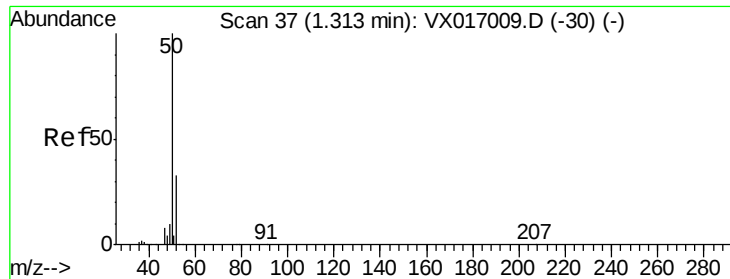
87 32.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 37.872 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

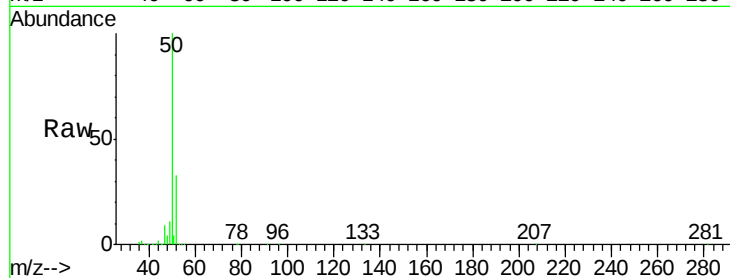
VSTDCCC050

Tgt Ion: 50 Resp: 143306

Ion Ratio Lower Upper

50 100

52 32.9 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

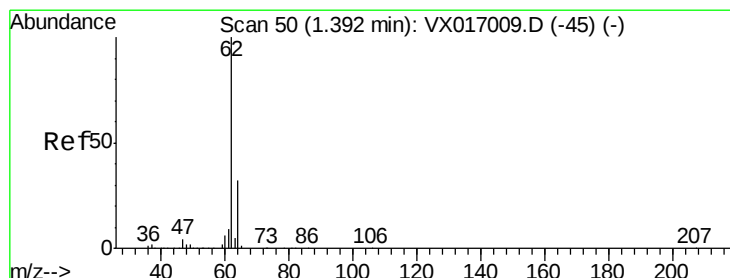
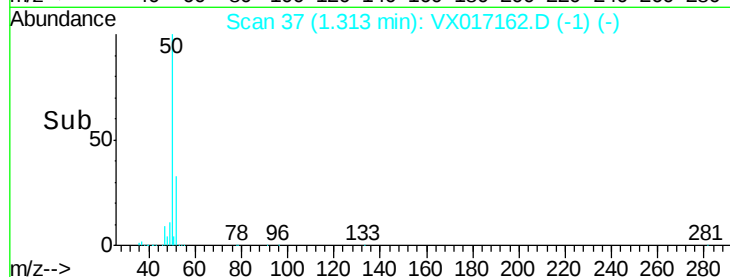
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 41.441 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017162.D

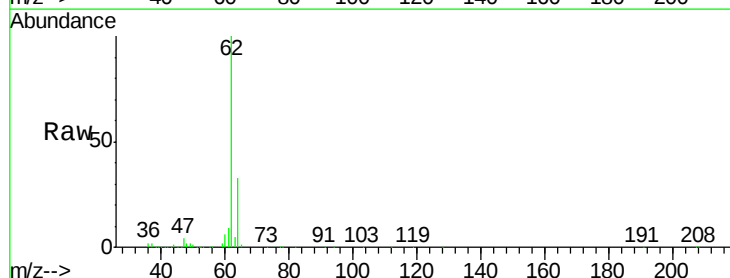
Acq: 06 Jul 2020 12:59

Tgt Ion: 62 Resp: 145490

Ion Ratio Lower Upper

62 100

64 33.3 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

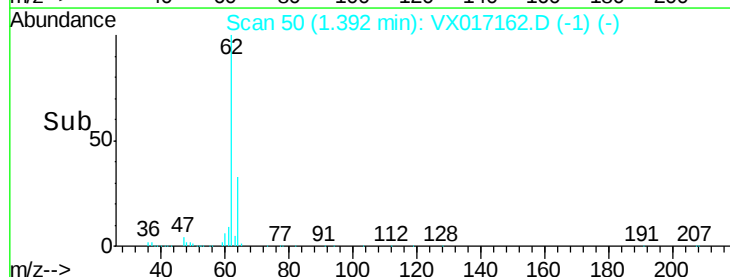
150000

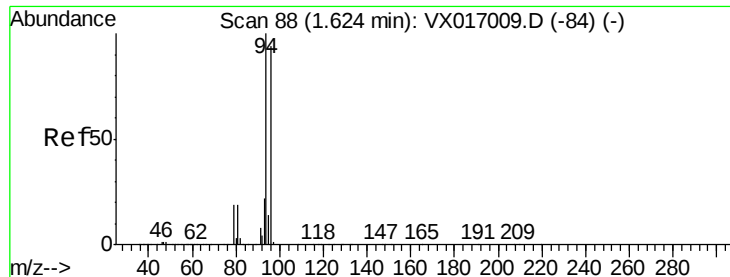
100000

50000

0

Time--> 1.35 1.40 1.45





#5

Bromomethane

Concen: 46.588 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

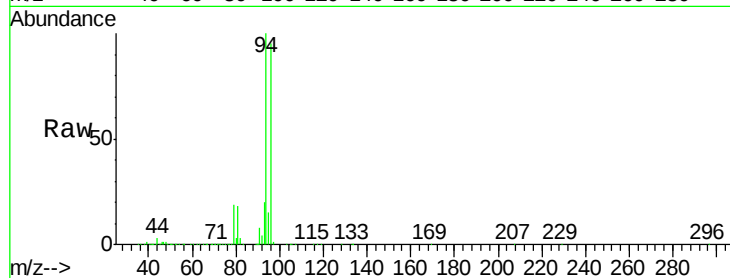
VSTDCCC050

Tgt Ion: 94 Resp: 86414

Ion Ratio Lower Upper

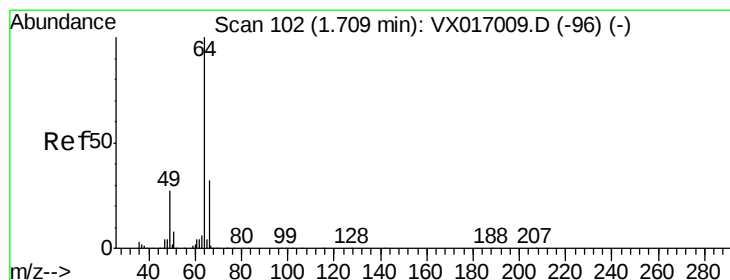
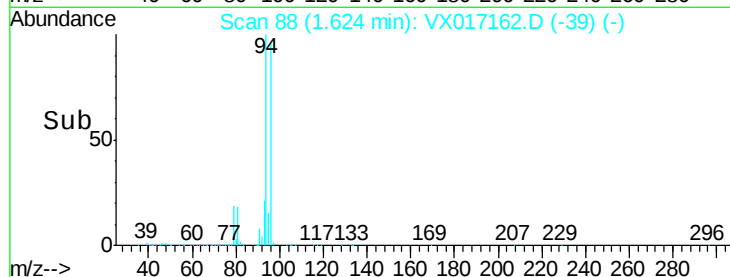
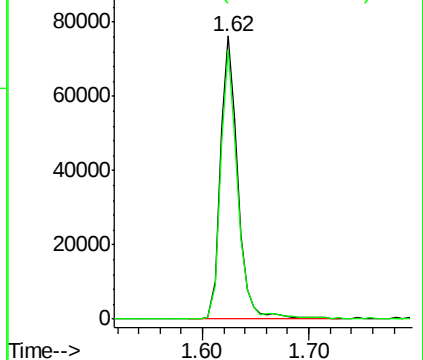
94 100

96 95.1 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: 44.115 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017162.D

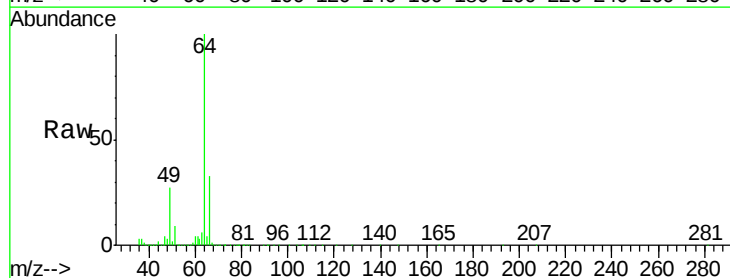
Acq: 06 Jul 2020 12:59

Tgt Ion: 64 Resp: 91473

Ion Ratio Lower Upper

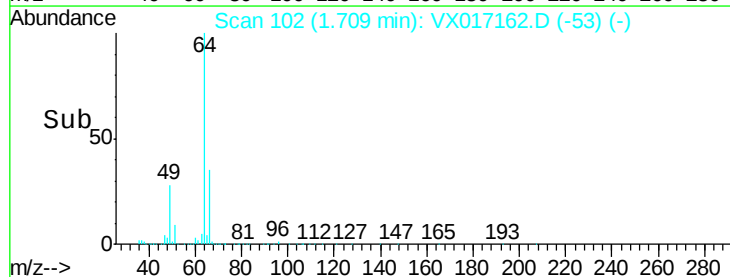
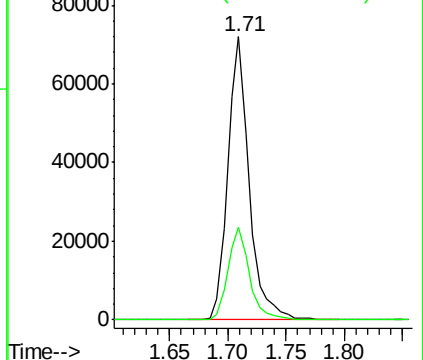
64 100

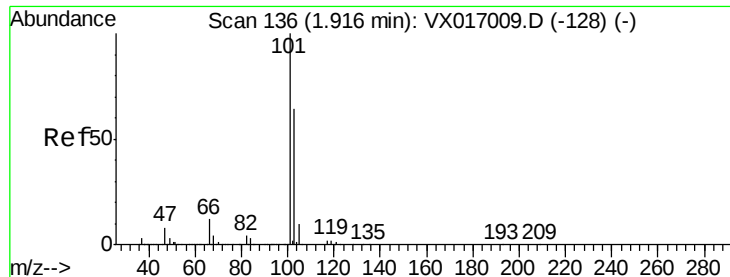
66 32.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



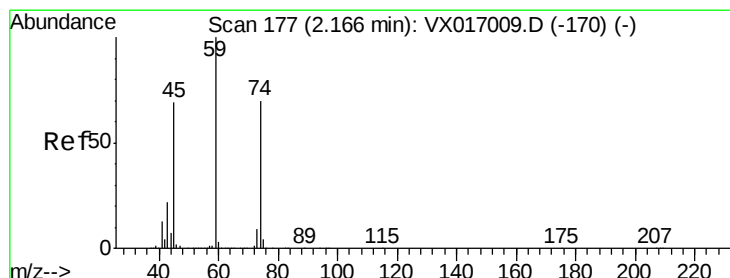
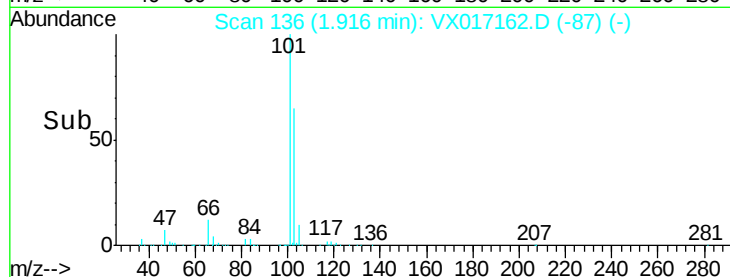
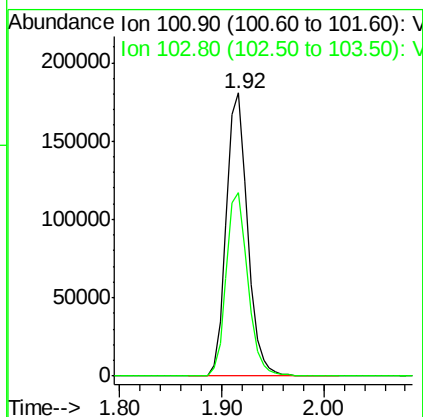
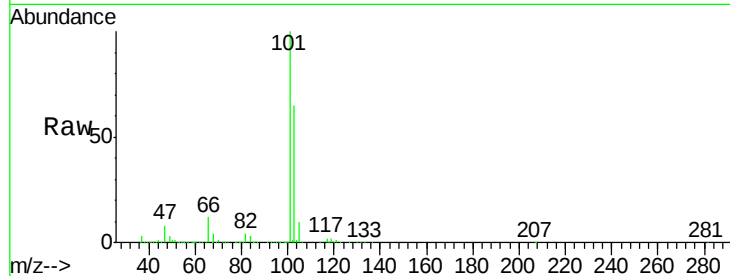


#7

Trichlorofluoromethane
Concen: 50.312 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

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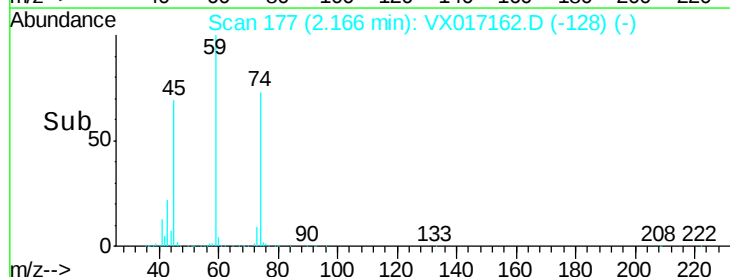
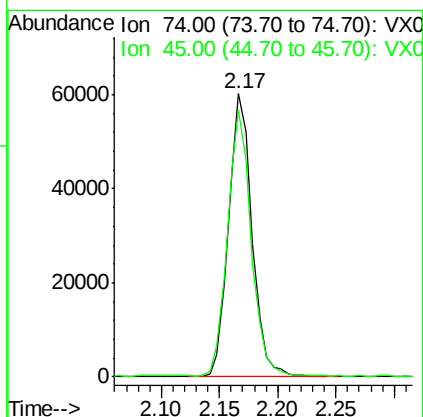
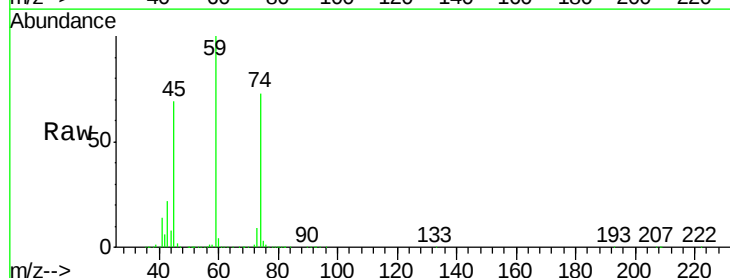
Tgt Ion: 101 Resp: 261239
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

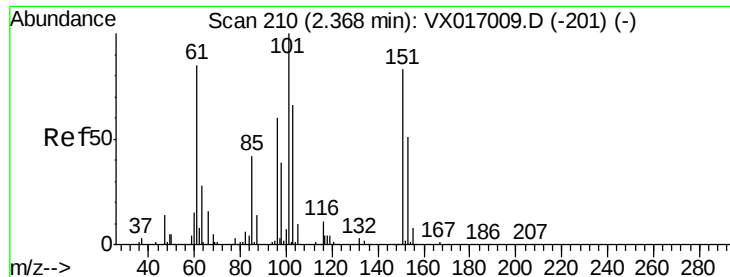


#8

Diethyl Ether
Concen: 48.535 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion: 74 Resp: 84775
Ion Ratio Lower Upper
74 100
45 94.4 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.232 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

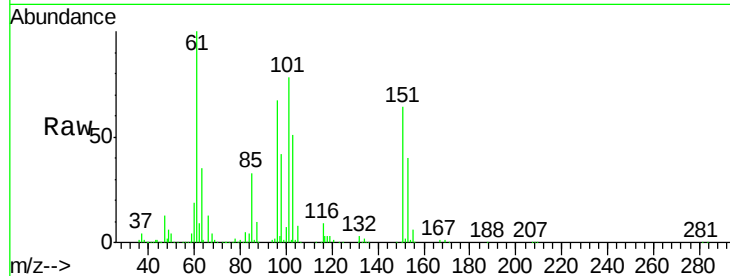
Tgt Ion:101 Resp: 150100

Ion Ratio Lower Upper

101 100

85 42.9 33.5 50.3

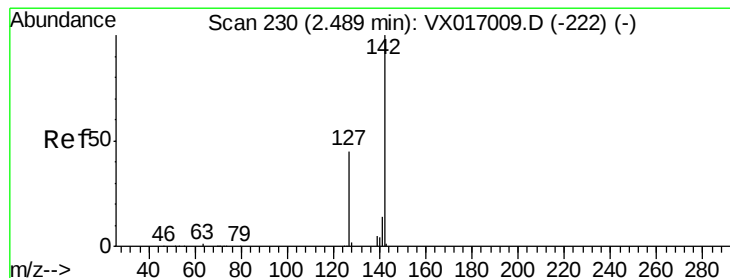
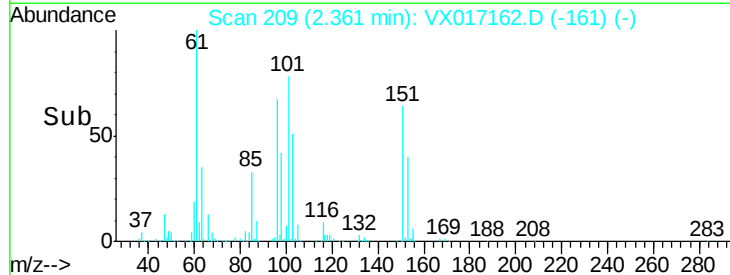
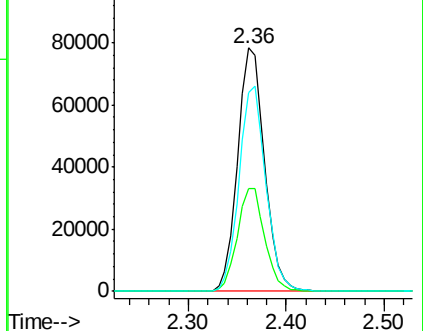
151 83.8 63.8 95.6



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: 37.401 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

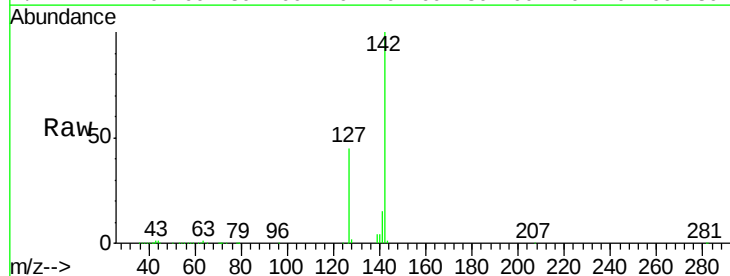
Tgt Ion:142 Resp: 150188

Ion Ratio Lower Upper

142 100

127 45.0 36.6 54.8

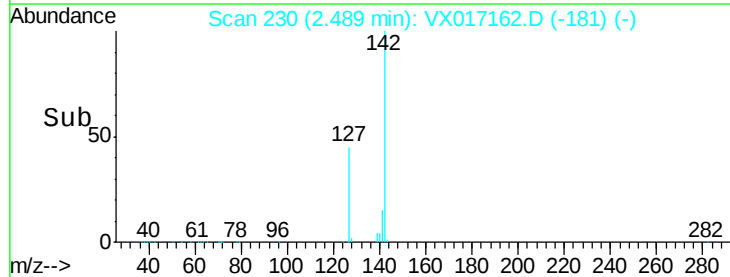
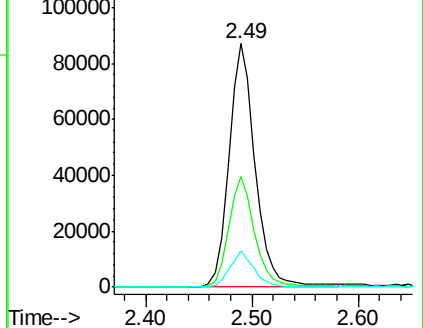
141 13.8 11.6 17.4

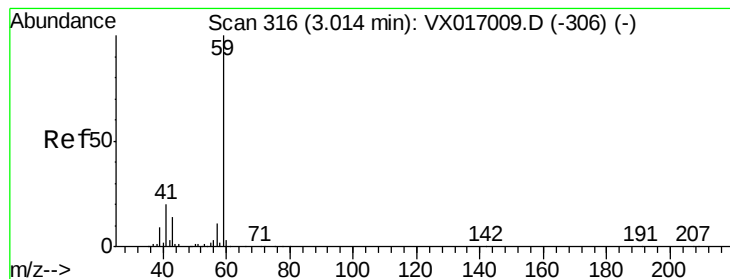


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



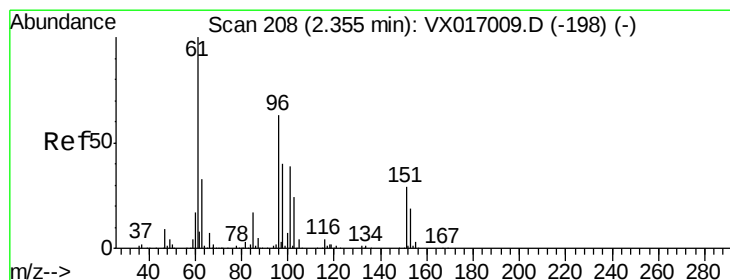
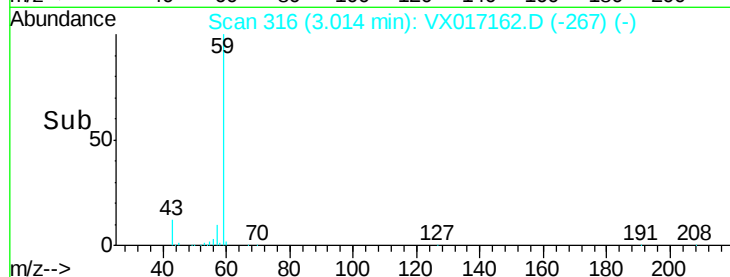
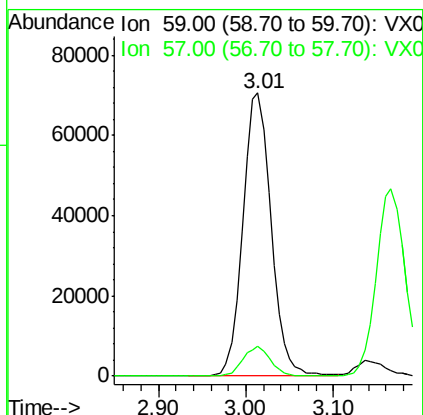
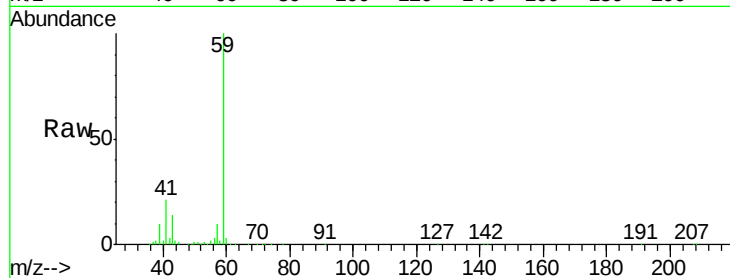


#11

Tert butyl alcohol
Concen: 208.066 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

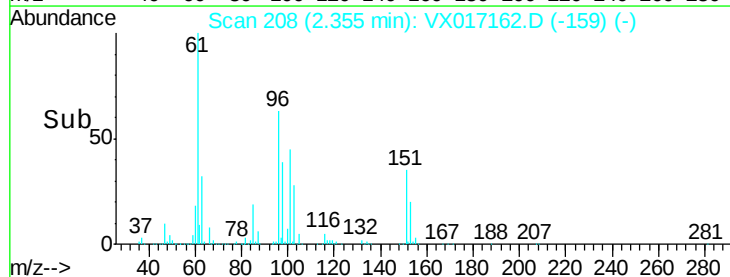
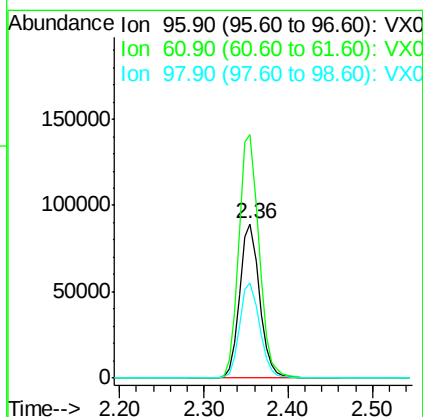
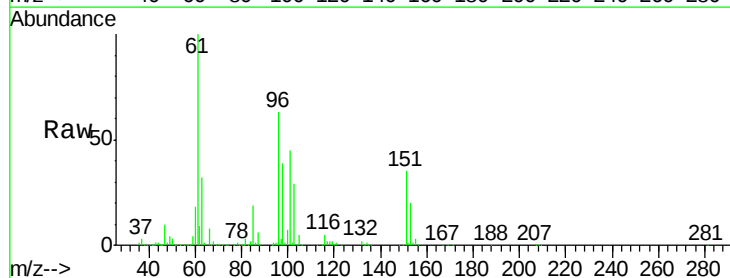
Tgt Ion: 59 Resp: 158119
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

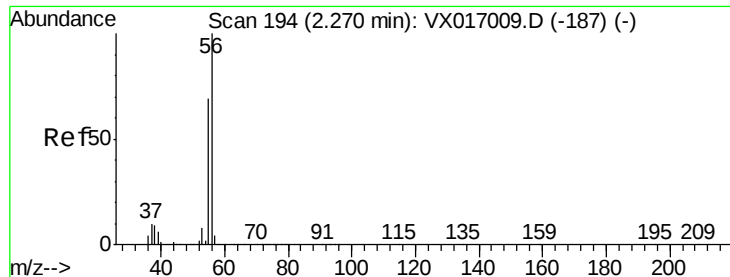


#12

1,1-Dichloroethene
Concen: 44.036 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion: 96 Resp: 140781
Ion Ratio Lower Upper
96 100
61 157.6 126.3 189.5
98 61.3 51.0 76.6





#13

Acrolein

Concen: 141.725 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

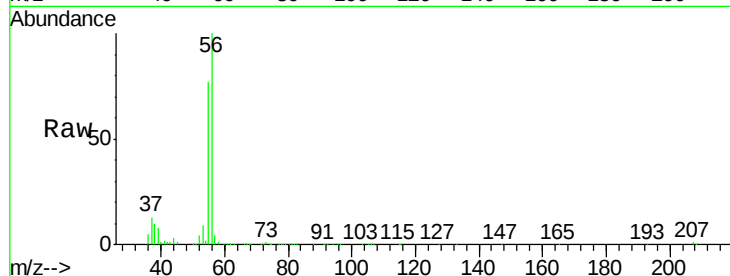
VSTDCCC050

Tgt Ion: 56 Resp: 64383

Ion Ratio Lower Upper

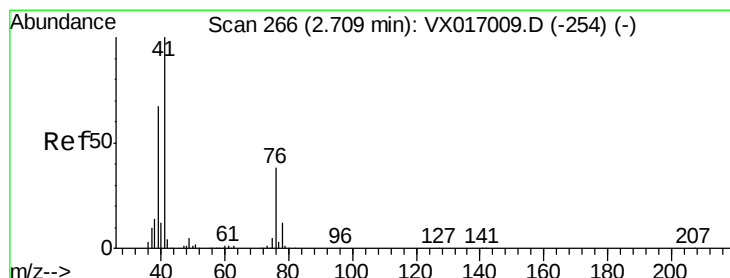
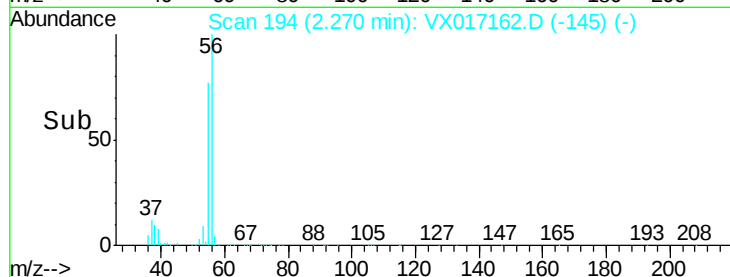
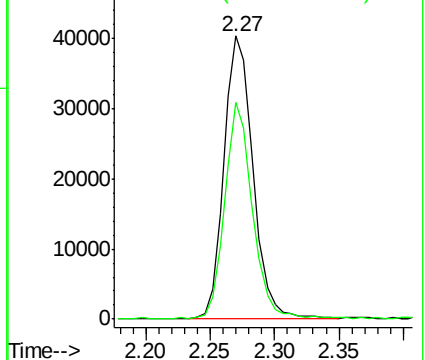
56 100

55 71.3 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: 41.845 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

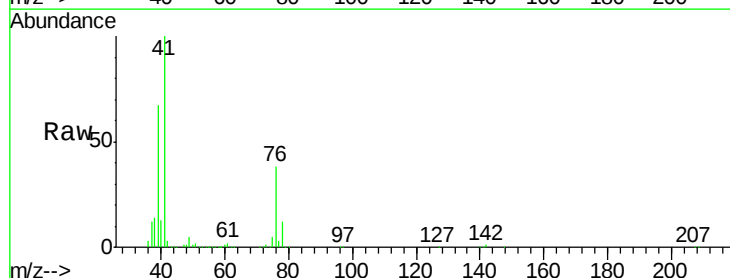
Tgt Ion: 41 Resp: 247230

Ion Ratio Lower Upper

41 100

39 66.1 49.4 74.2

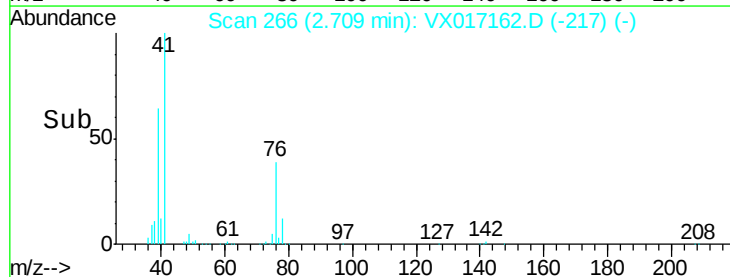
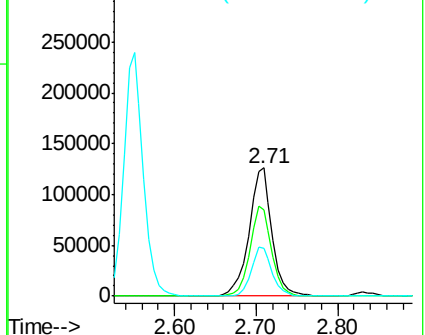
76 34.2 26.8 40.2

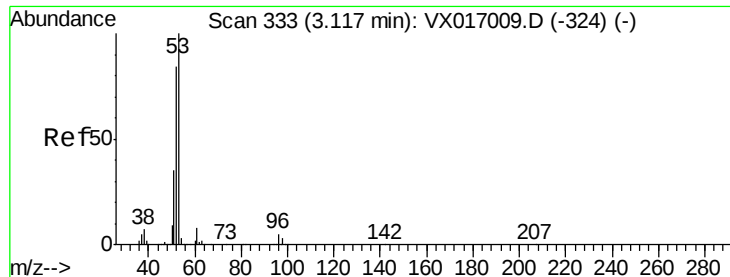


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 207.642 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

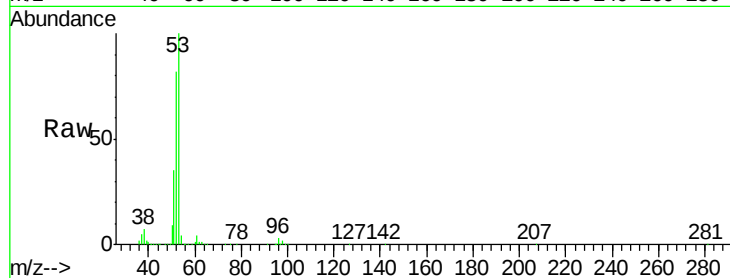
Tgt Ion: 53 Resp: 379337

Ion Ratio Lower Upper

53 100

52 83.4 65.6 98.4

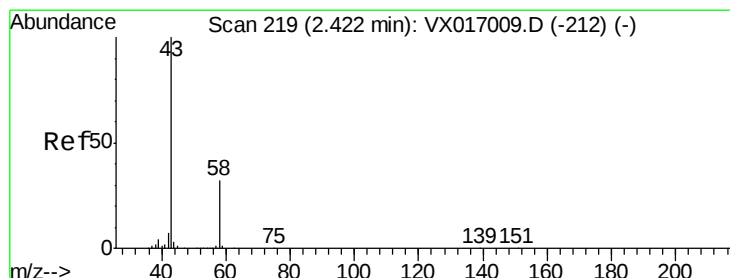
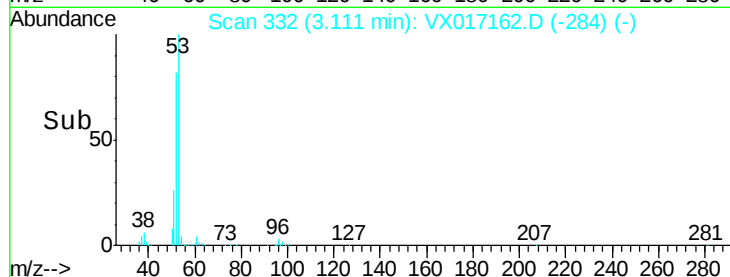
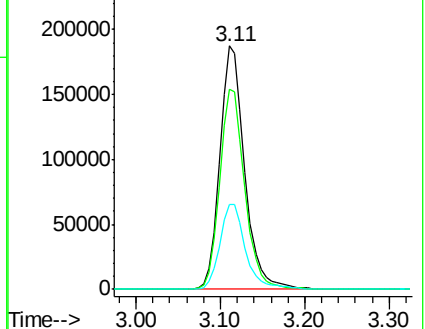
51 36.3 28.3 42.5



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: 209.653 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017162.D

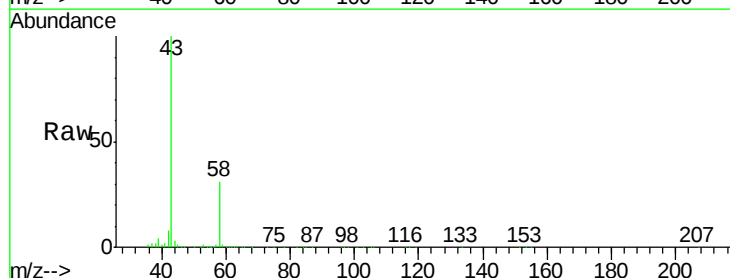
Acq: 06 Jul 2020 12:59

Tgt Ion: 43 Resp: 312428

Ion Ratio Lower Upper

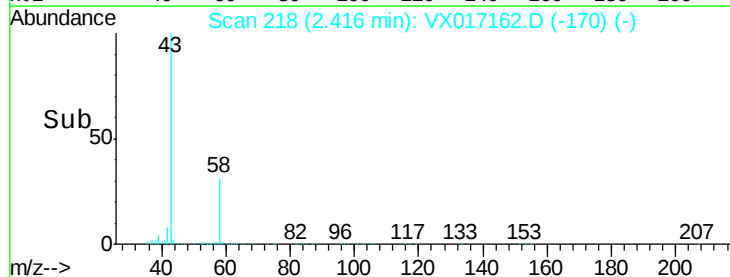
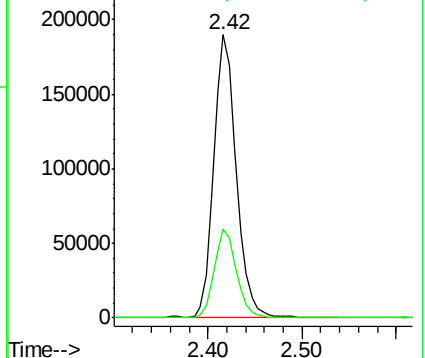
43 100

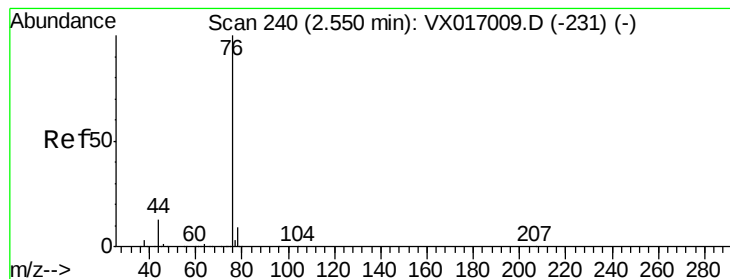
58 31.4 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.996 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

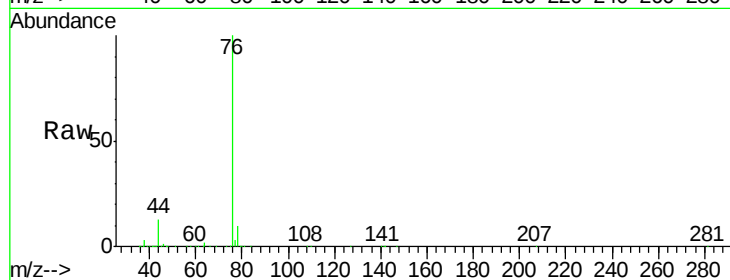
VSTDCCC050

Tgt Ion: 76 Resp: 401395

Ion Ratio Lower Upper

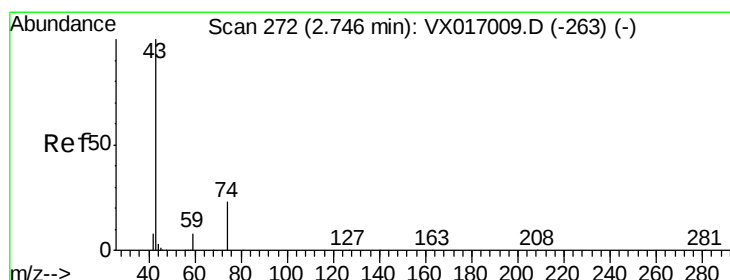
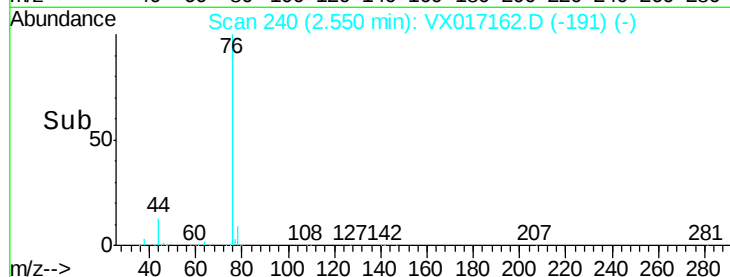
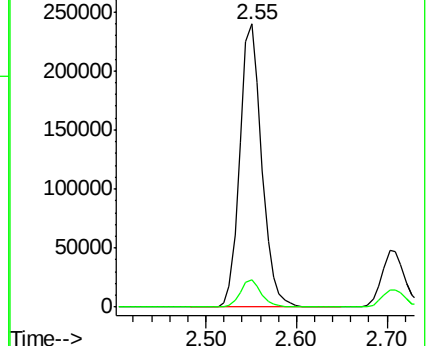
76 100

78 9.5 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: 43.675 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX017162.D

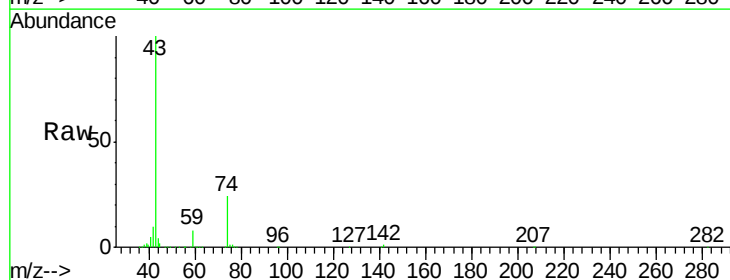
Acq: 06 Jul 2020 12:59

Tgt Ion: 43 Resp: 169905

Ion Ratio Lower Upper

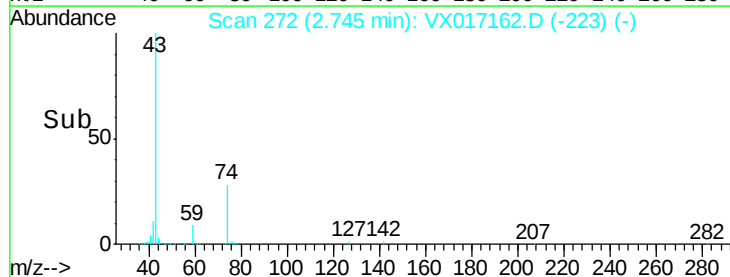
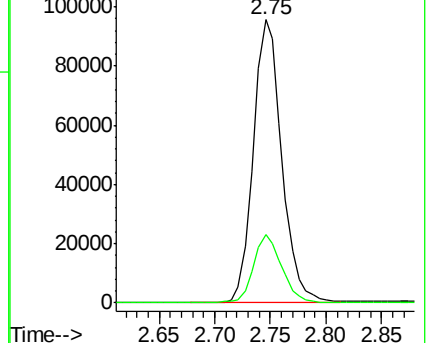
43 100

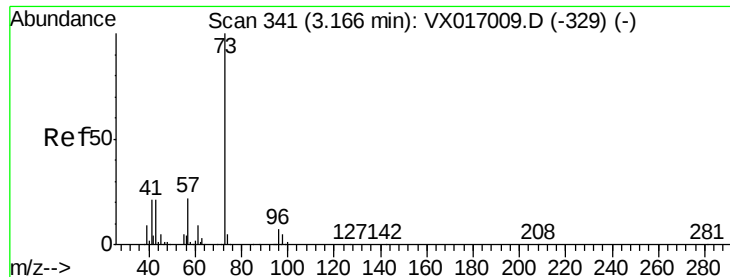
74 24.5 19.3 28.9



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: 47.385 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

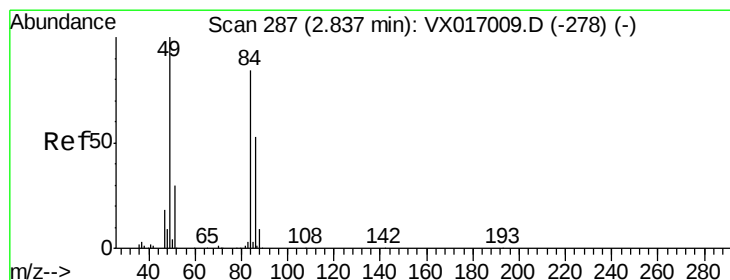
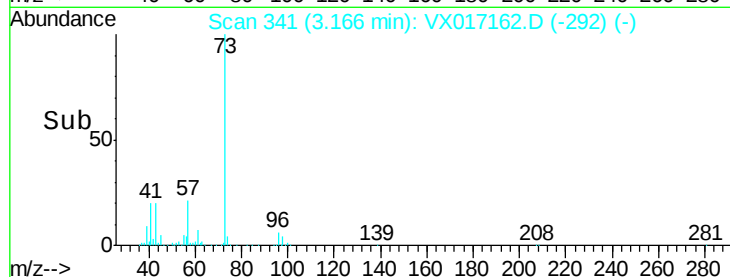
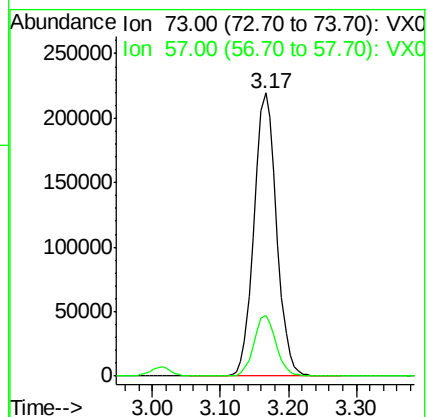
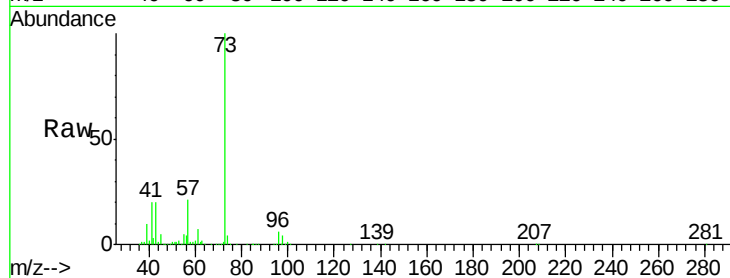
VSTDCCC050

Tgt Ion: 73 Resp: 508418

Ion Ratio Lower Upper

73 100

57 21.2 17.6 26.4



#20

Methylene Chloride

Concen: 47.507 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Tgt Ion: 84 Resp: 162499

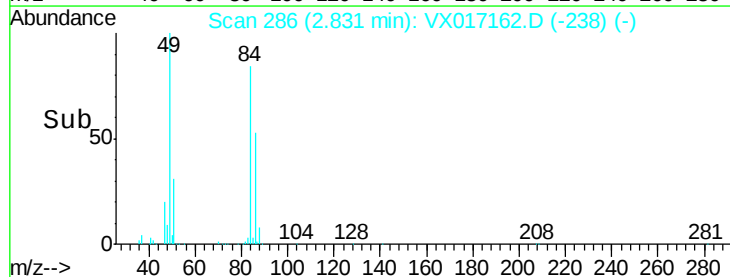
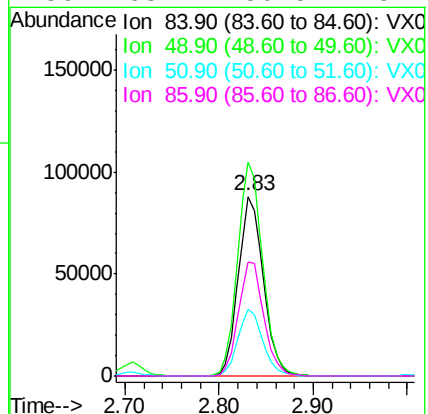
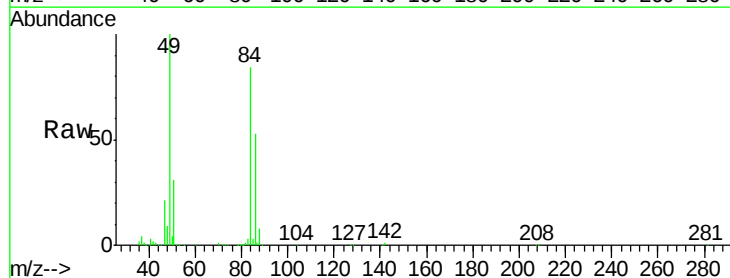
Ion Ratio Lower Upper

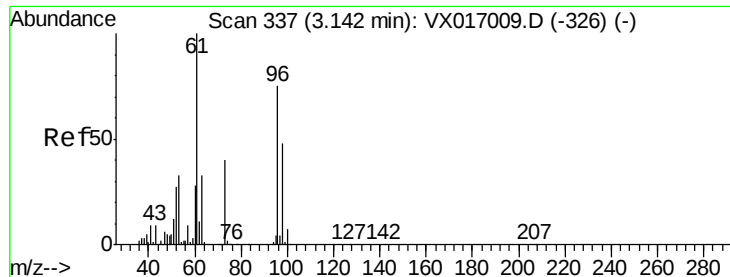
84 100

49 118.7 94.7 142.1

51 36.8 28.6 42.8

86 63.2 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 45.562 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

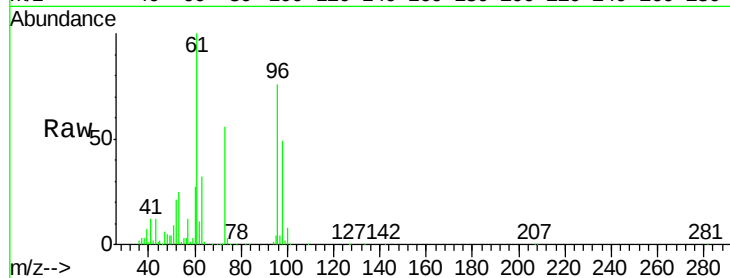
Tgt Ion: 96 Resp: 161644

Ion Ratio Lower Upper

96 100

61 132.0 107.0 160.6

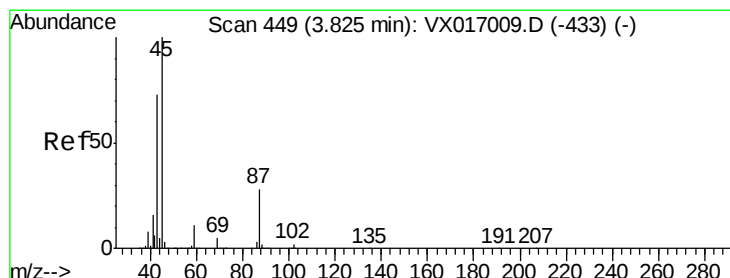
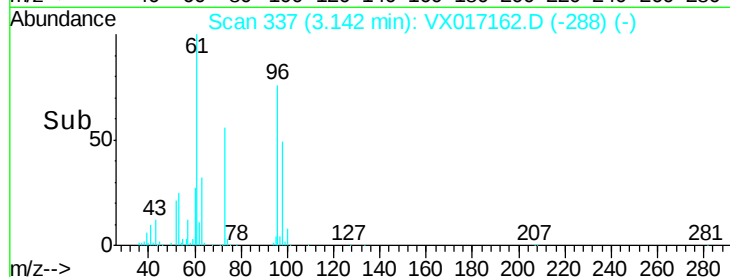
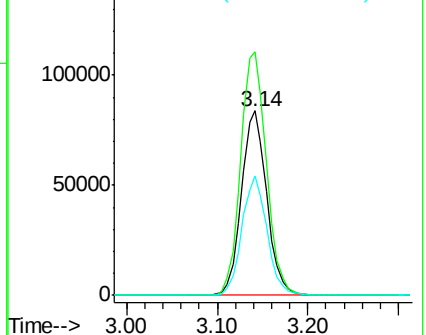
98 64.7 51.6 77.4



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: 44.639 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Tgt Ion: 45 Resp: 488128

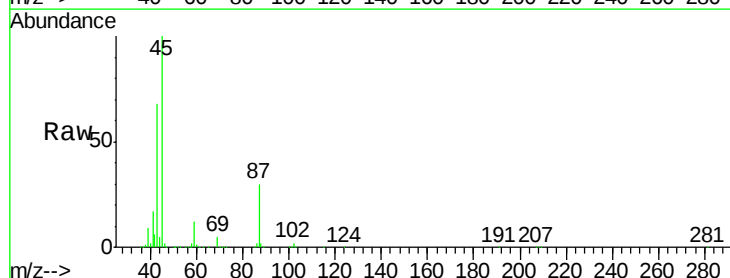
Ion Ratio Lower Upper

45 100

43 67.6 58.6 88.0

87 29.8 22.6 34.0

59 12.1 8.7 13.1

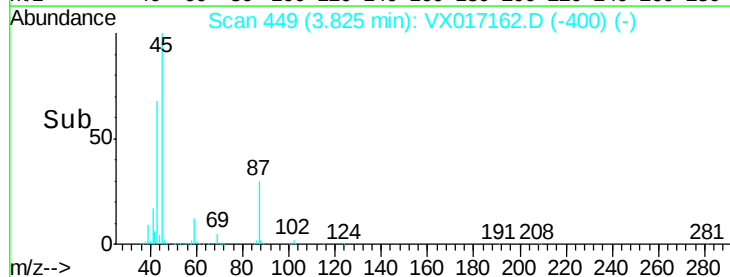
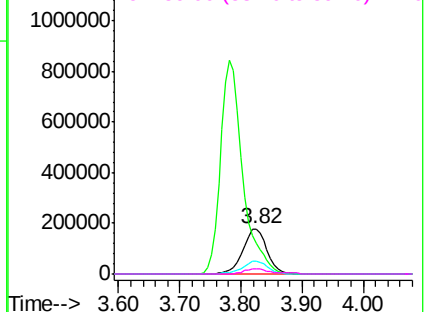


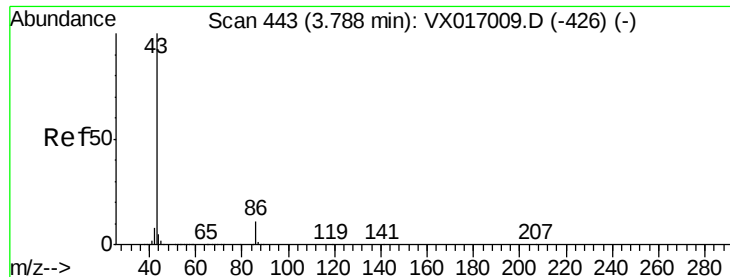
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 226.954 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

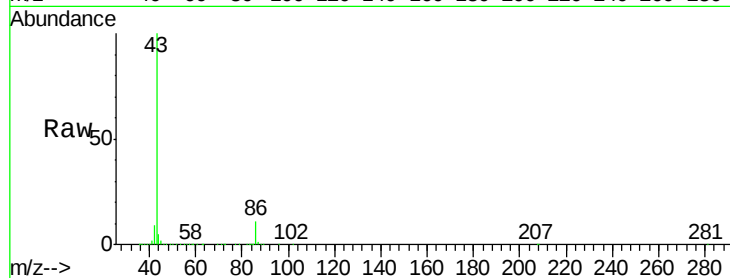
VSTDCCC050

Tgt Ion: 43 Resp: 2132587

Ion Ratio Lower Upper

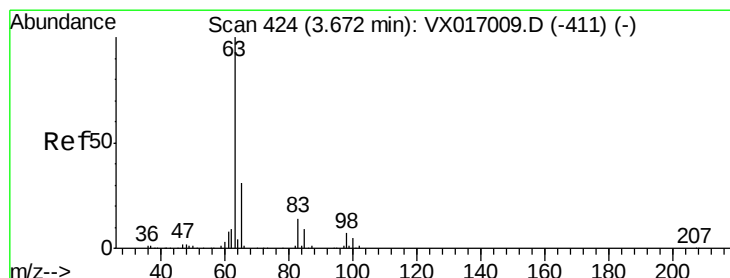
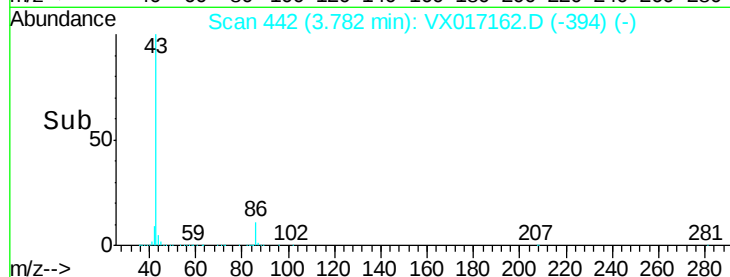
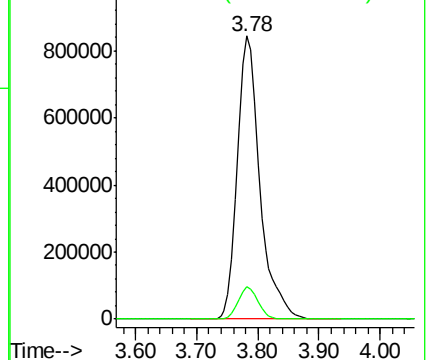
43 100

86 11.3 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: 44.834 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

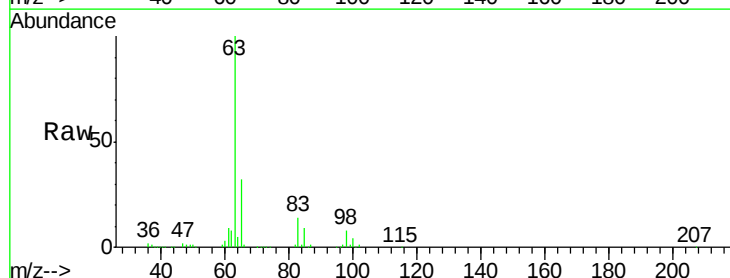
Tgt Ion: 63 Resp: 278954

Ion Ratio Lower Upper

63 100

98 8.2 3.6 10.8

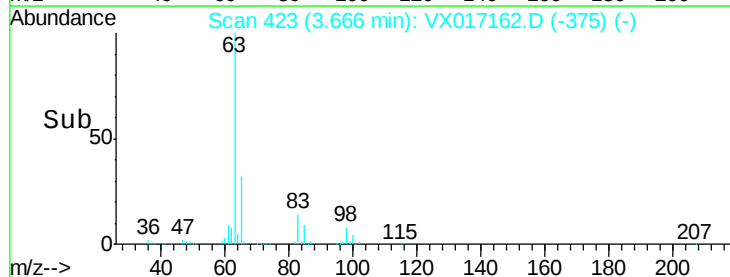
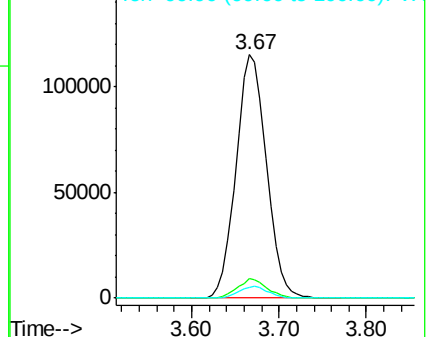
100 4.1 2.4 7.1

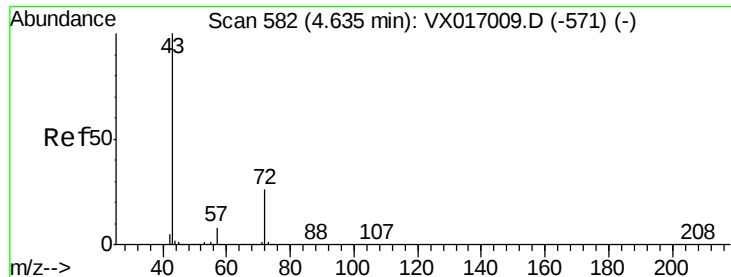


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 205.788 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

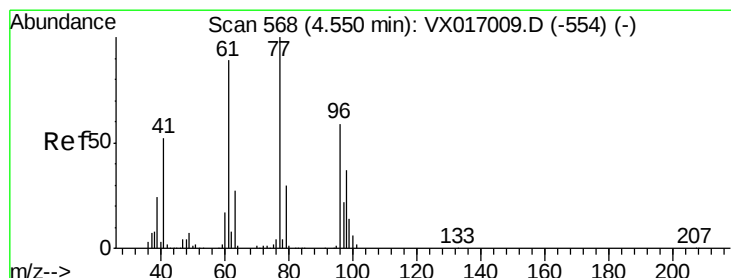
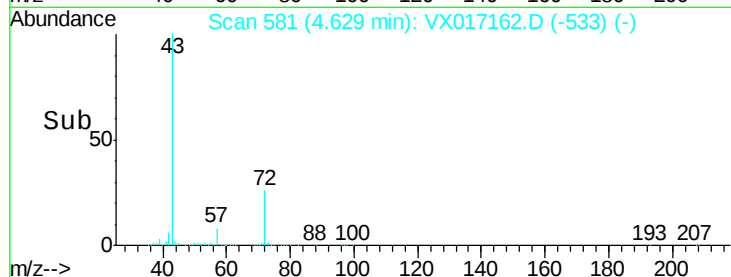
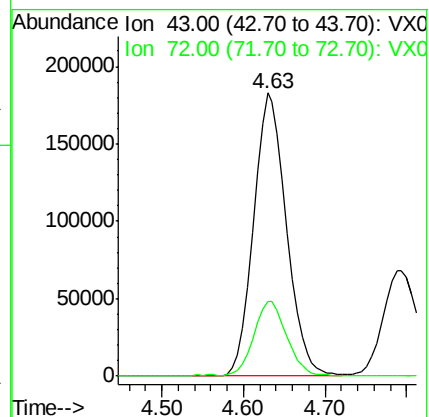
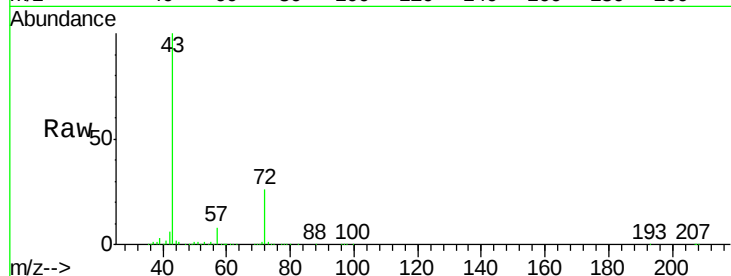
VSTDCCC050

Tgt Ion: 43 Resp: 510987

Ion Ratio Lower Upper

43 100

72 26.2 20.8 31.2



#26

2,2-Dichloropropane

Concen: 46.155 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017162.D

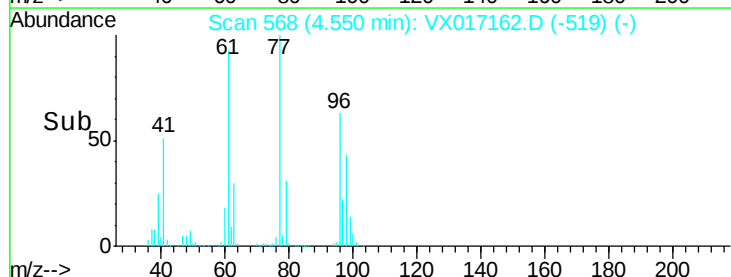
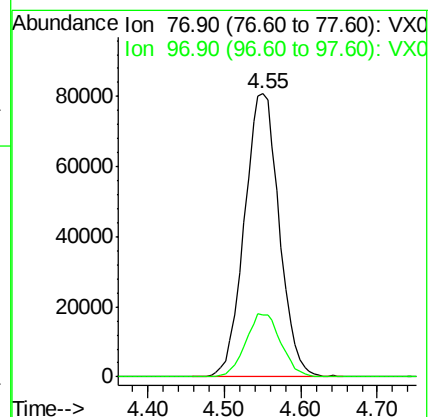
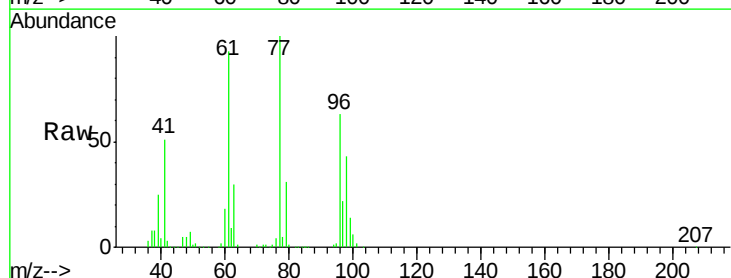
Acq: 06 Jul 2020 12:59

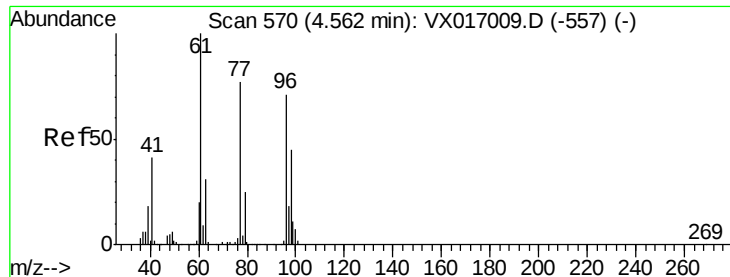
Tgt Ion: 77 Resp: 254986

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.2



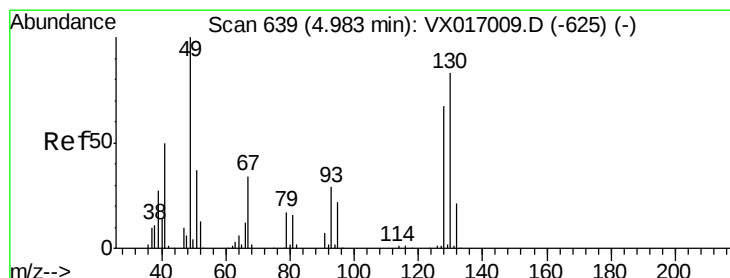
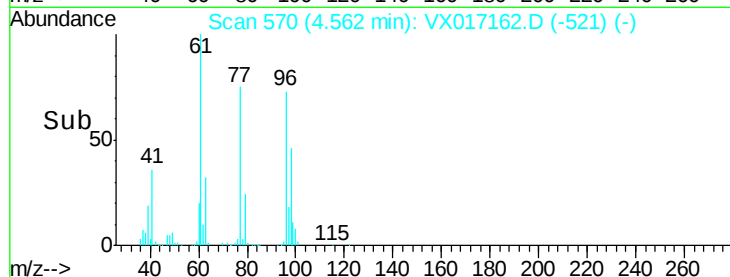
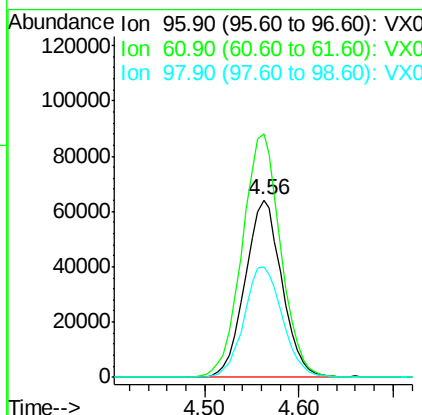
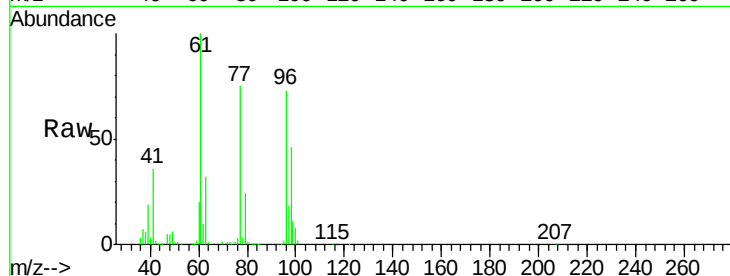


#27

cis-1,2-Dichloroethene
Concen: 43.743 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

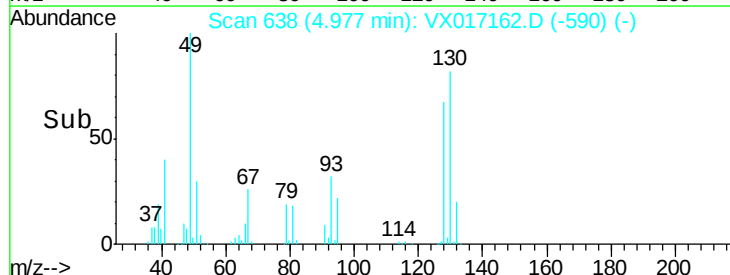
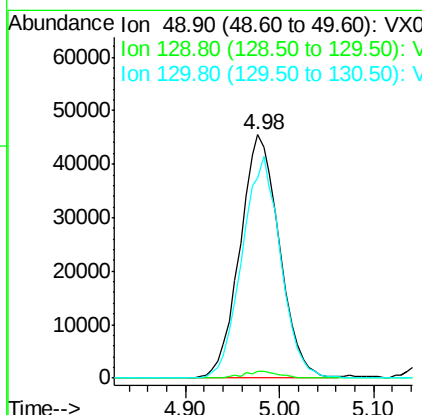
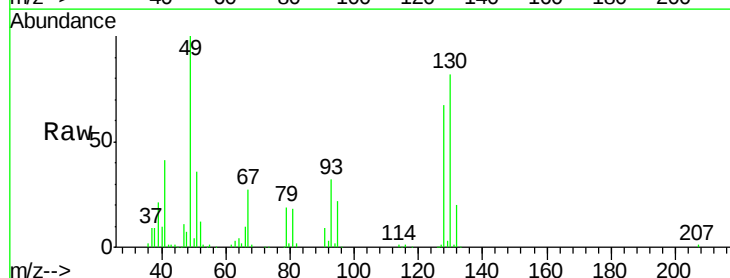
Tgt Ion: 96 Resp: 175839
Ion Ratio Lower Upper
96 100
61 143.6 0.0 282.8
98 64.9 0.0 127.6

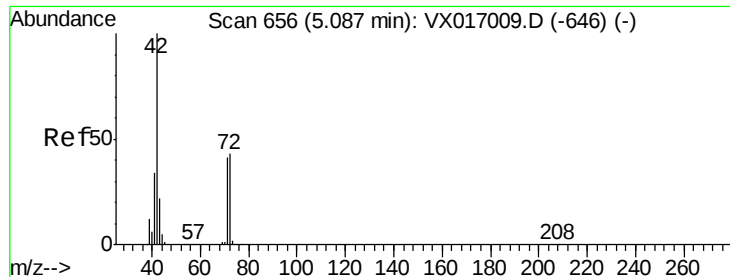


#28

Bromochloromethane
Concen: 43.943 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion: 49 Resp: 133049
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.2
130 89.1 66.6 100.0





#29

Tetrahydrofuran

Concen: 205.562 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

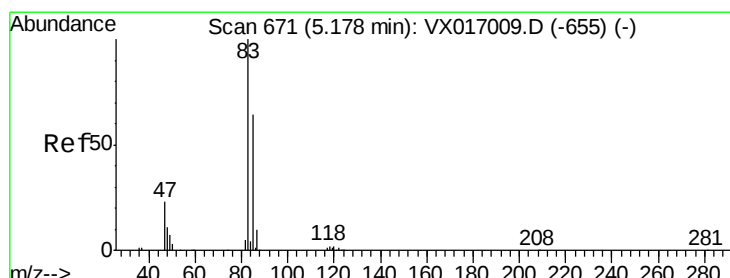
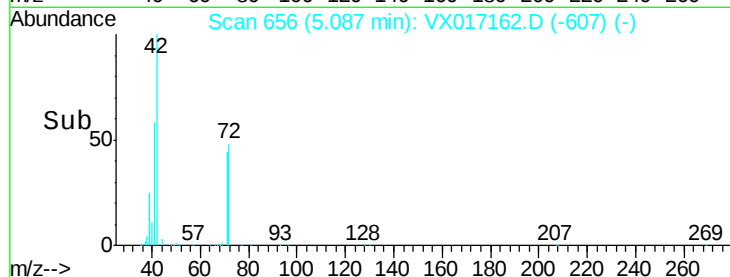
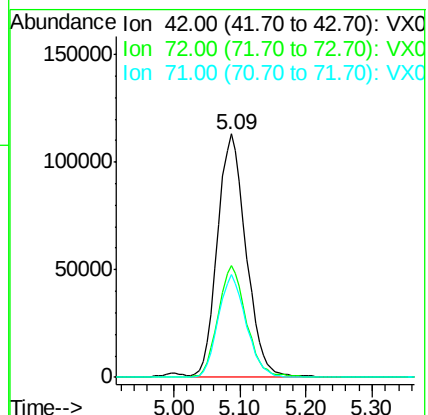
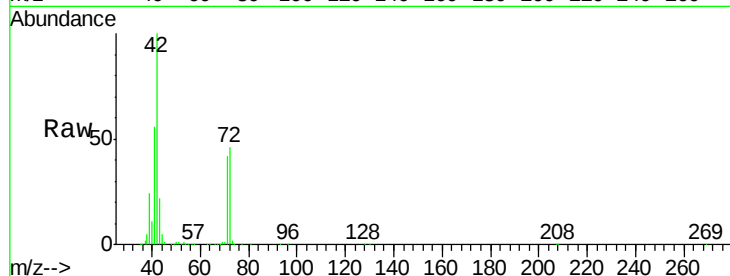
Tgt Ion: 42 Resp: 337249

Ion Ratio Lower Upper

42 100

72 45.6 35.3 52.9

71 41.5 33.1 49.7



#30

Chloroform

Concen: 46.328 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX017162.D

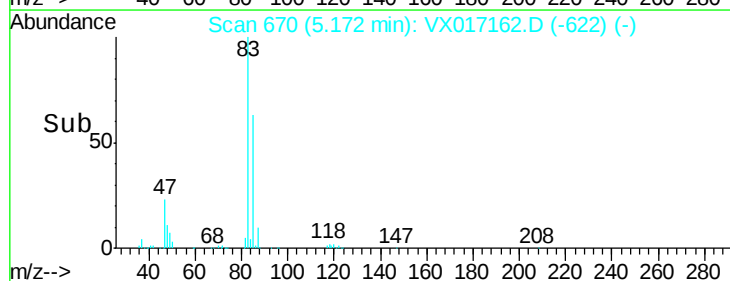
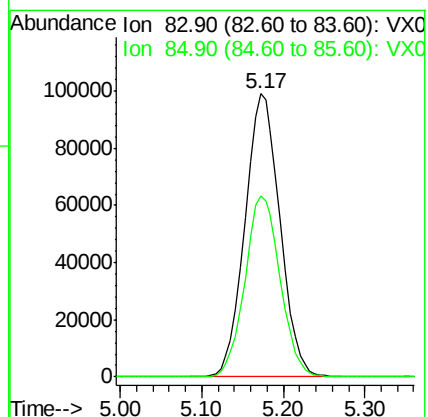
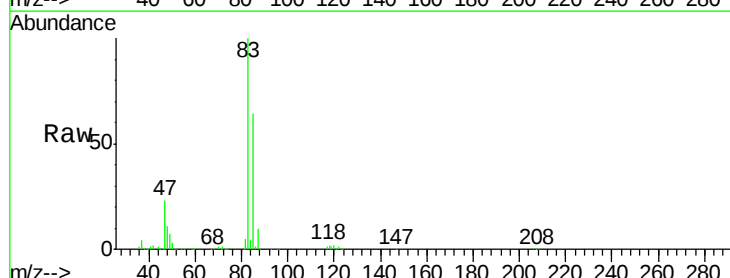
Acq: 06 Jul 2020 12:59

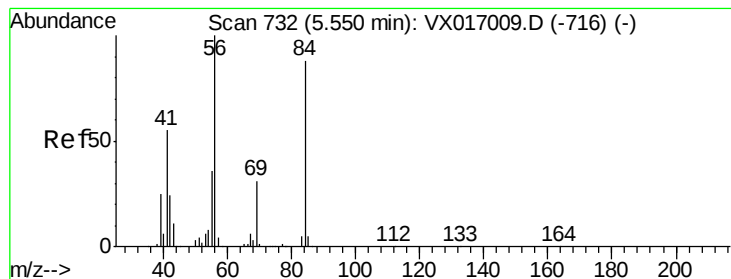
Tgt Ion: 83 Resp: 295491

Ion Ratio Lower Upper

83 100

85 63.8 51.4 77.2





#31

Cyclohexane

Concen: 44.621 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

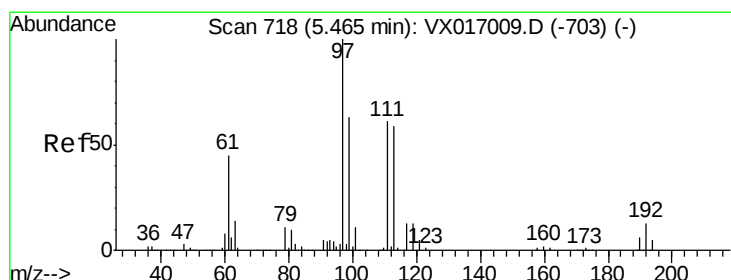
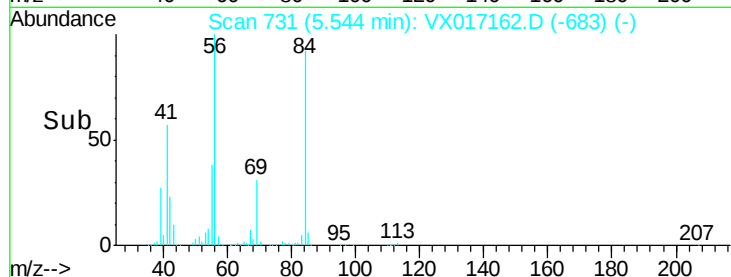
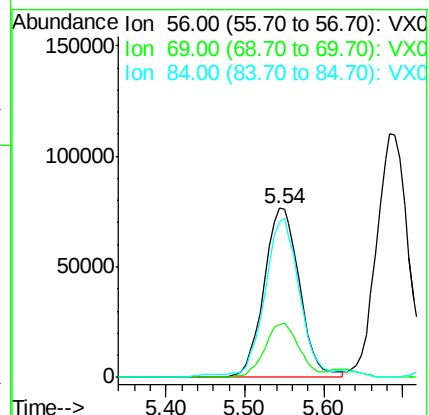
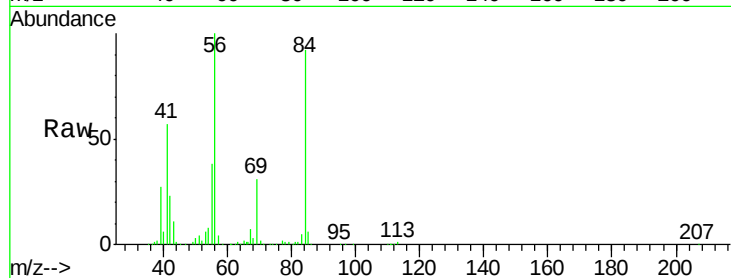
Tgt Ion: 56 Resp: 239978

Ion Ratio Lower Upper

56 100

69 31.3 25.0 37.4

84 91.4 69.1 103.7



#32

1,1,1-Trichloroethane

Concen: 47.136 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

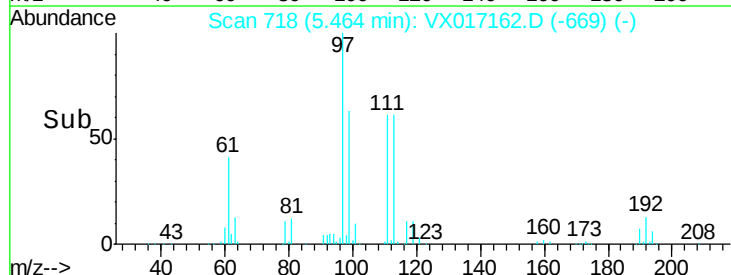
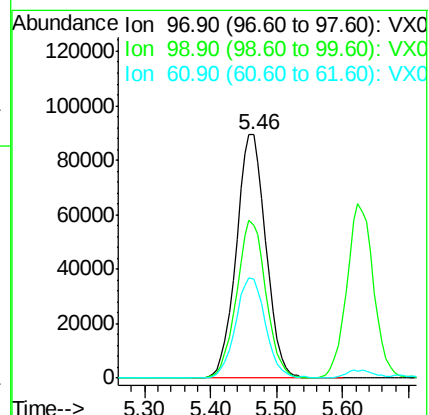
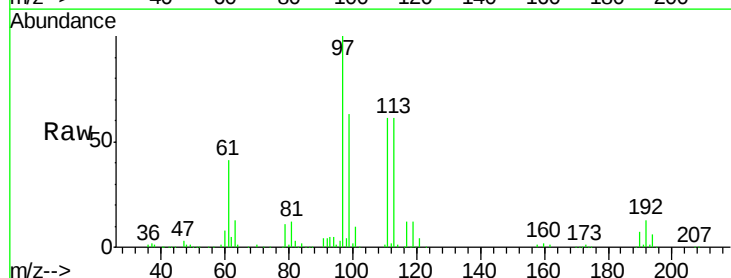
Tgt Ion: 97 Resp: 276879

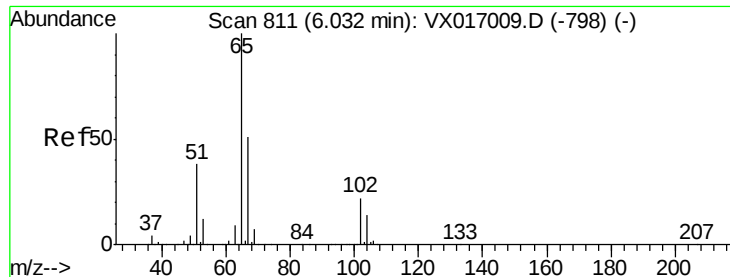
Ion Ratio Lower Upper

97 100

99 64.1 50.8 76.2

61 41.7 33.7 50.5

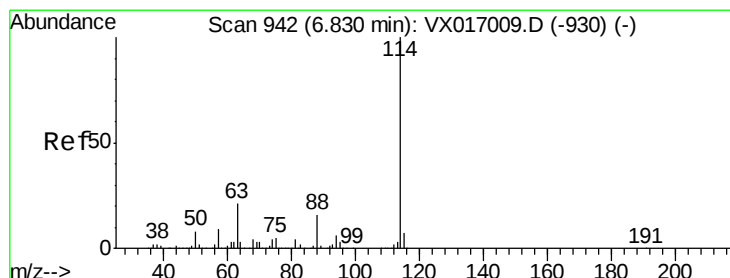
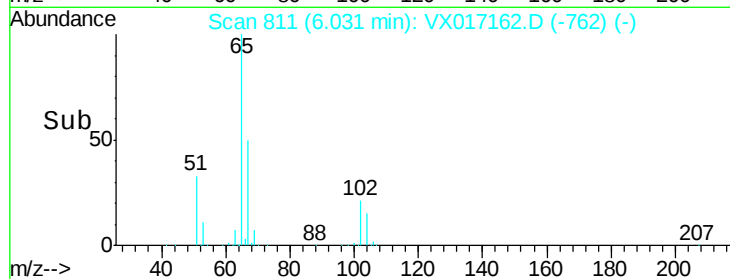
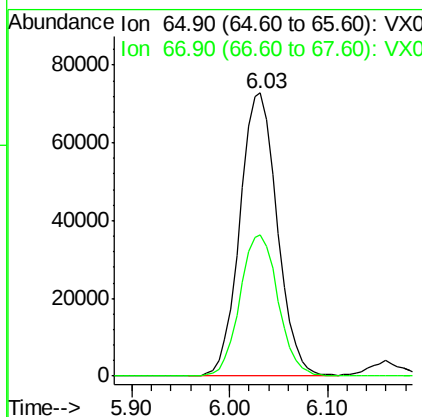
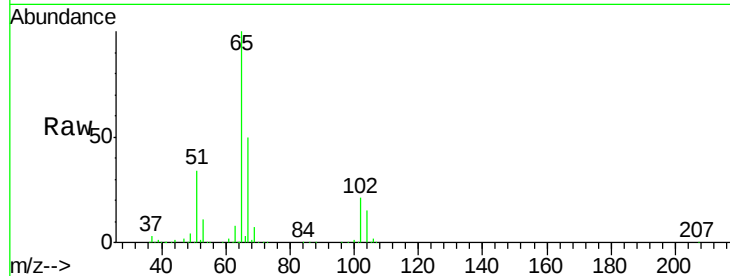




#33
 1,2-Dichloroethane-d4
 Concen: 48.657 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

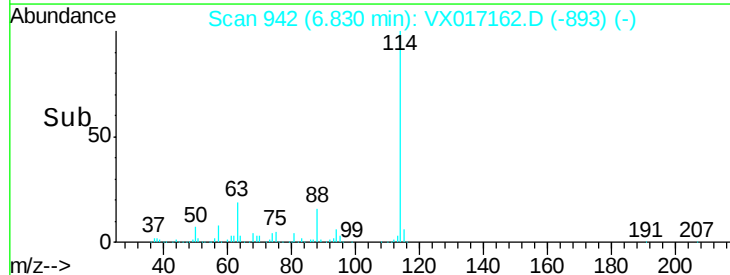
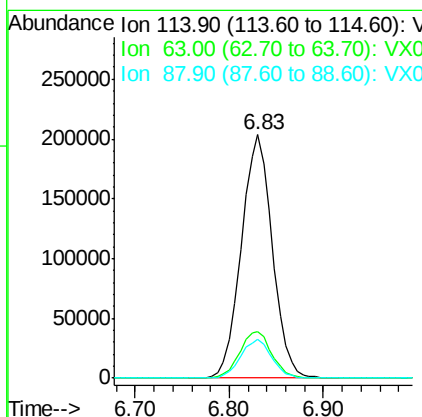
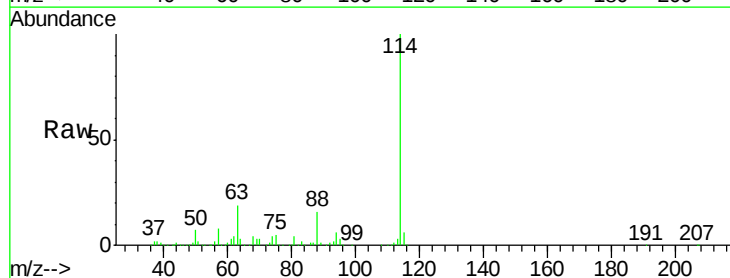
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

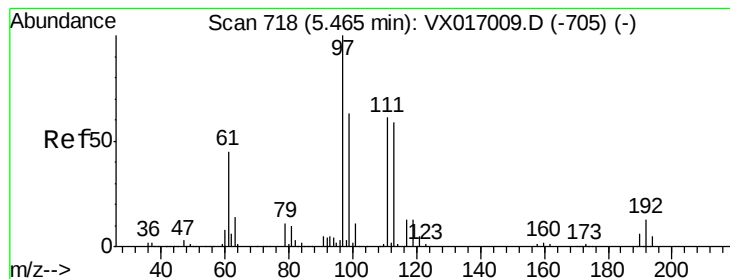
Tgt Ion: 65 Resp: 193828
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Tgt Ion: 114 Resp: 467662
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.4
 88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.457 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

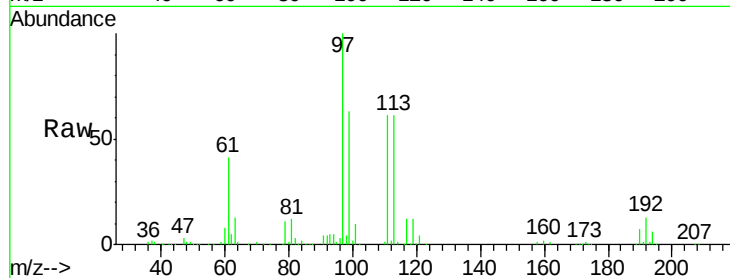
Tgt Ion:113 Resp: 158140

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

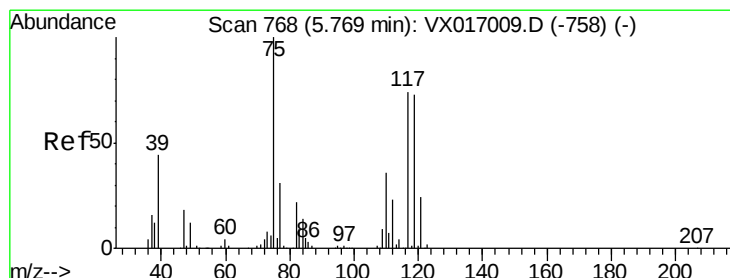
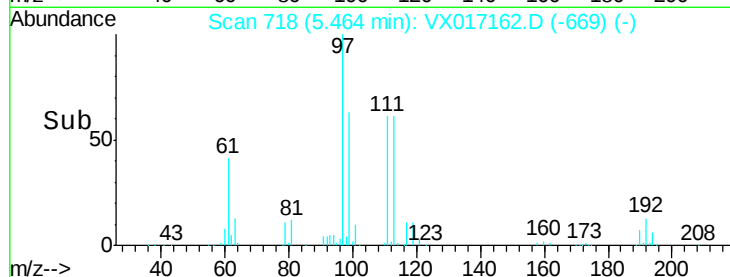
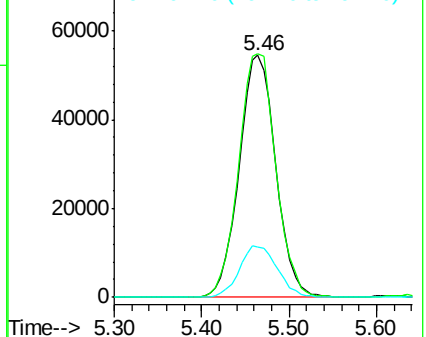
192 22.1 16.7 25.1



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: 49.369 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

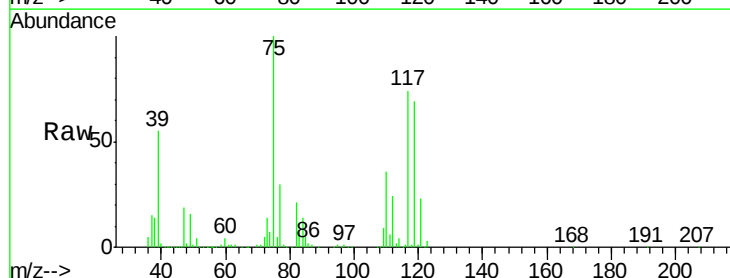
Tgt Ion: 75 Resp: 218211

Ion Ratio Lower Upper

75 100

110 37.3 18.1 54.1

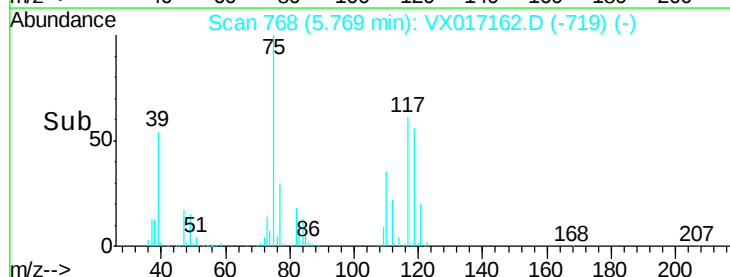
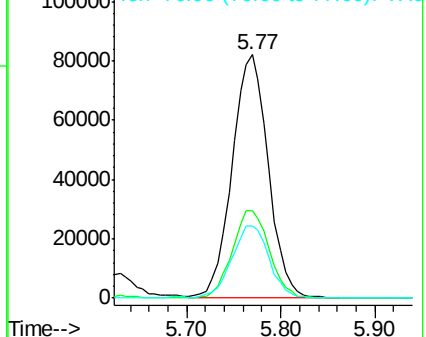
77 30.6 24.6 37.0

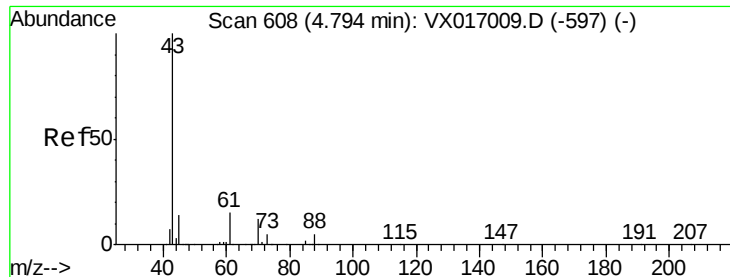


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

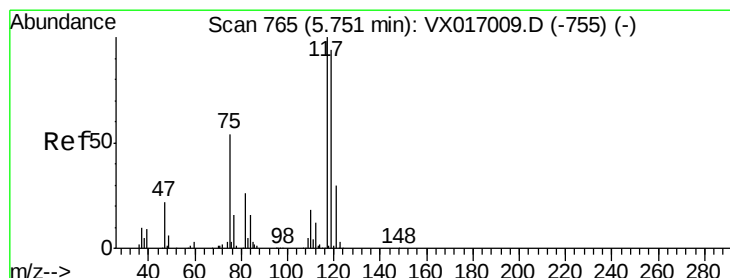
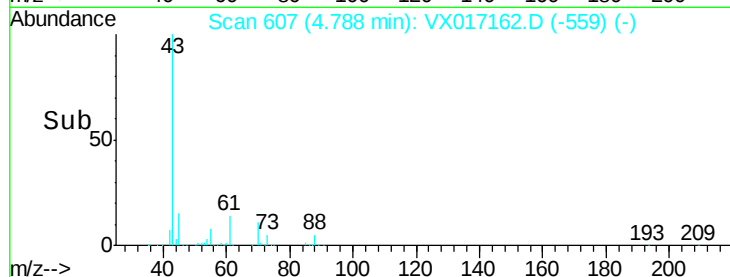
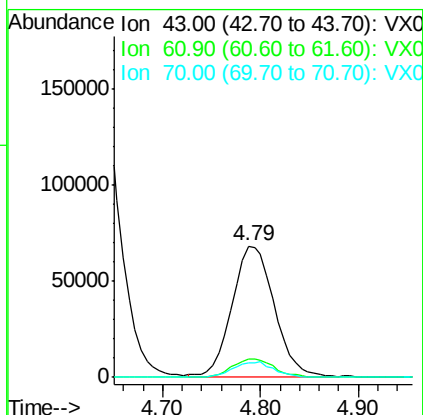
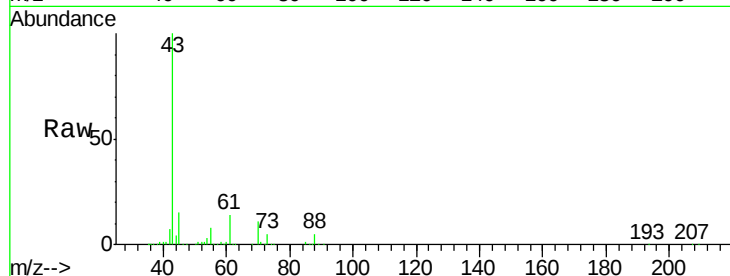




#37
Ethyl Acetate
Concen: 45.313 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

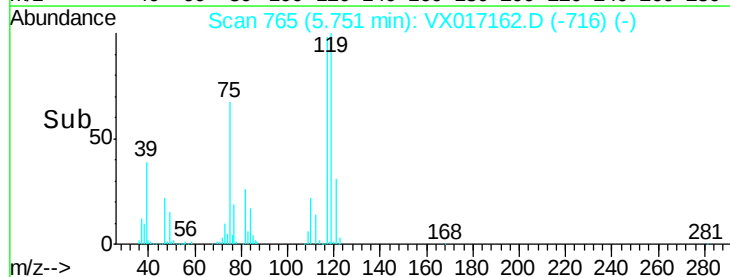
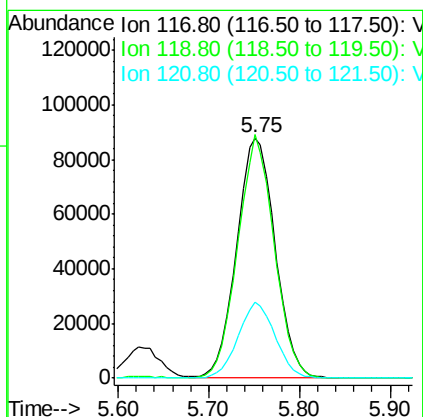
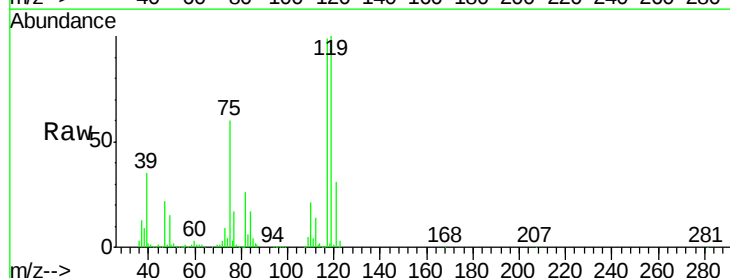
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

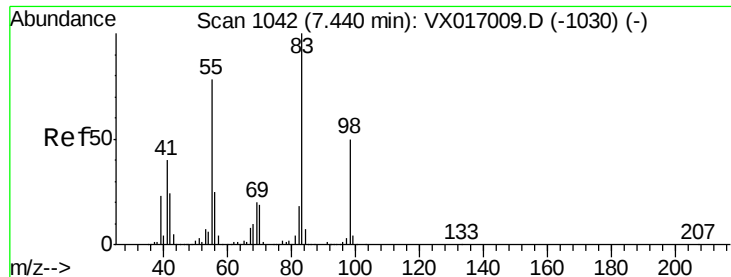
Tgt Ion: 43 Resp: 203207
Ion Ratio Lower Upper
43 100
61 14.4 11.0 16.4
70 11.5 8.9 13.3



#38
Carbon Tetrachloride
Concen: 53.029 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion: 117 Resp: 258159
Ion Ratio Lower Upper
117 100
119 101.4 75.4 113.0
121 31.8 23.8 35.6





#39

Methylcyclohexane

Concen: 51.020 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

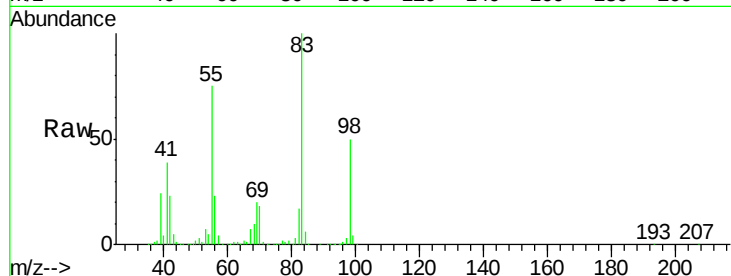
Tgt Ion: 83 Resp: 250904

Ion Ratio Lower Upper

83 100

55 74.8 62.5 93.7

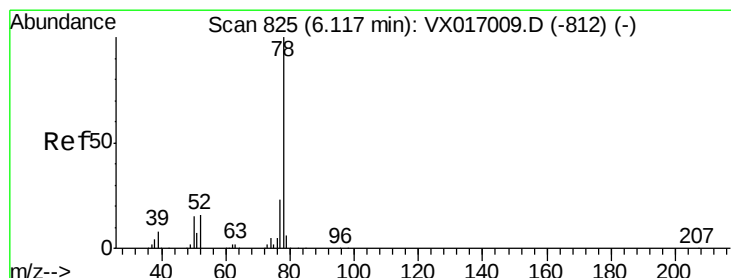
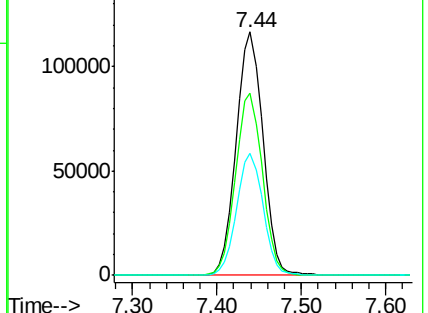
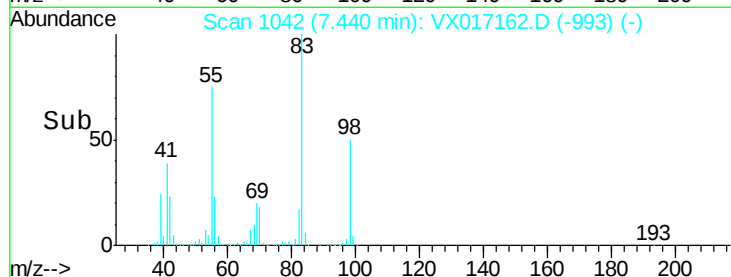
98 50.1 40.1 60.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 47.719 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX017162.D

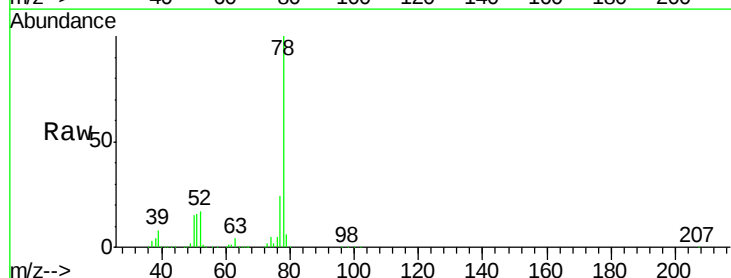
Acq: 06 Jul 2020 12:59

Tgt Ion: 78 Resp: 619703

Ion Ratio Lower Upper

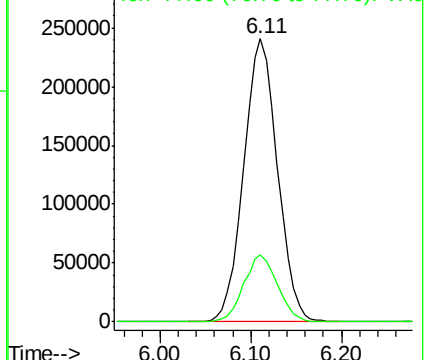
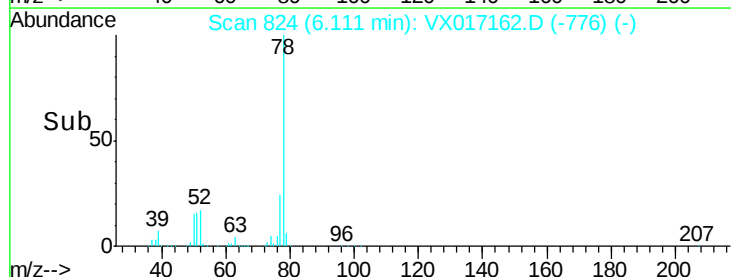
78 100

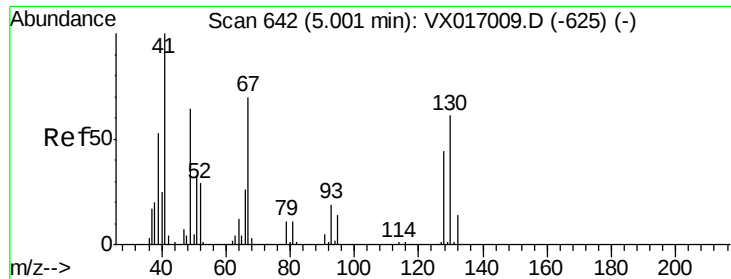
77 23.8 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

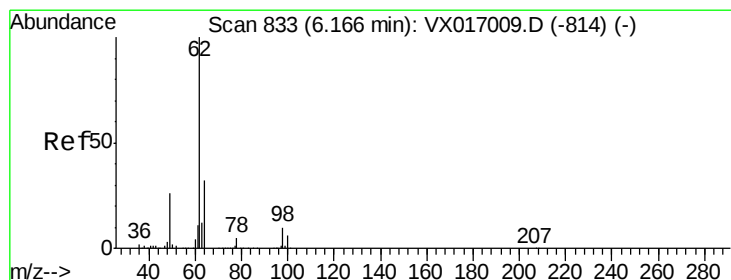
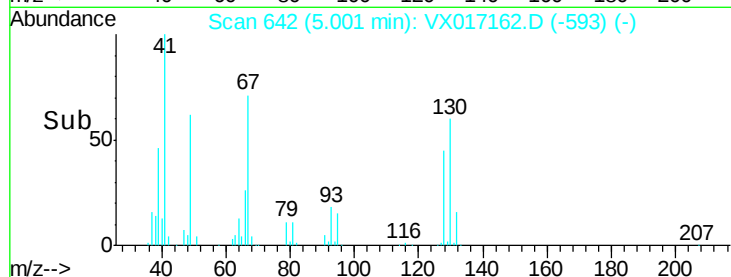
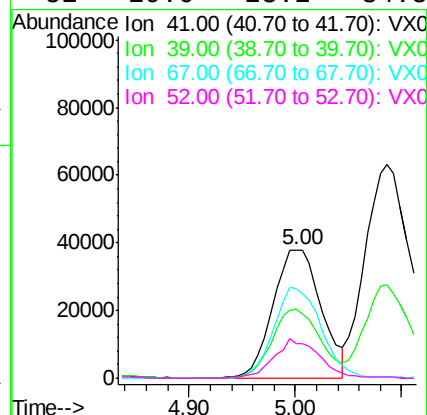
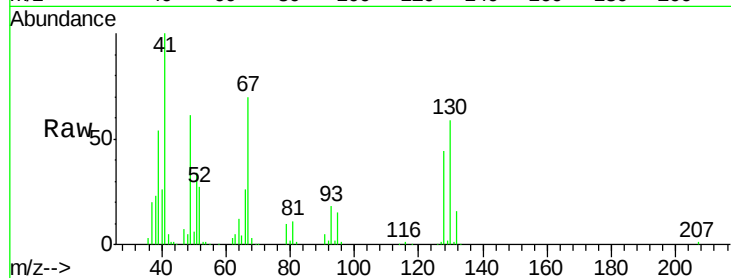




#41
Methacrylonitrile
Concen: 47.241 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

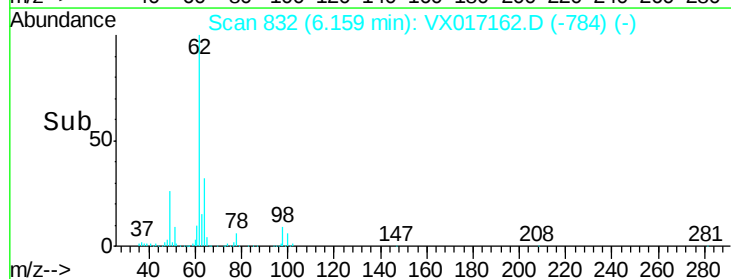
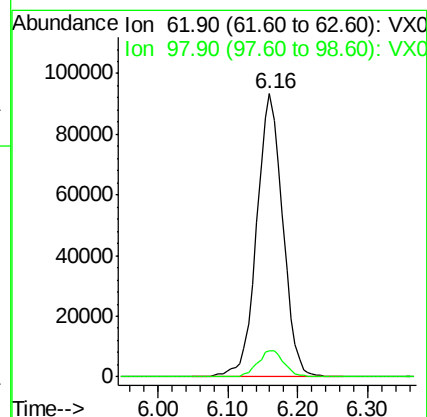
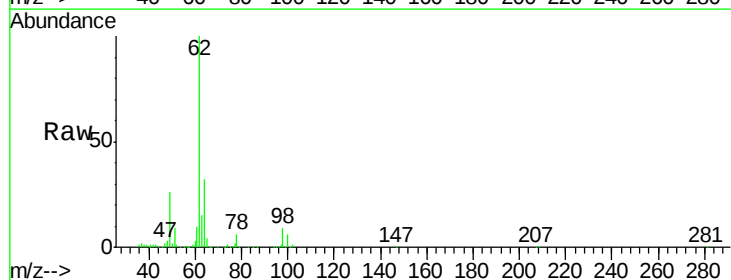
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

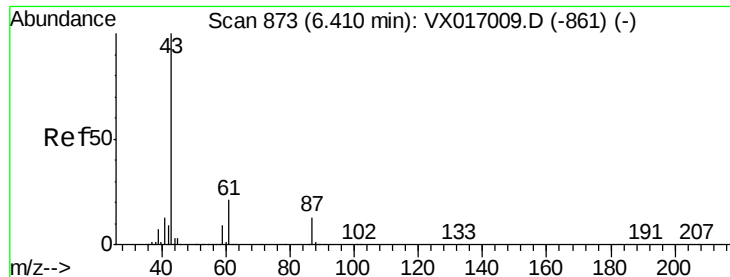
Tgt Ion:	41	Resp:	119236
Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.4	66.6
67	69.7	57.1	85.7
52	29.0	23.2	34.8



#42
1,2-Dichloroethane
Concen: 51.168 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion:	62	Resp:	240023
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2





#43

Isopropyl Acetate

Concen: 45.912 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

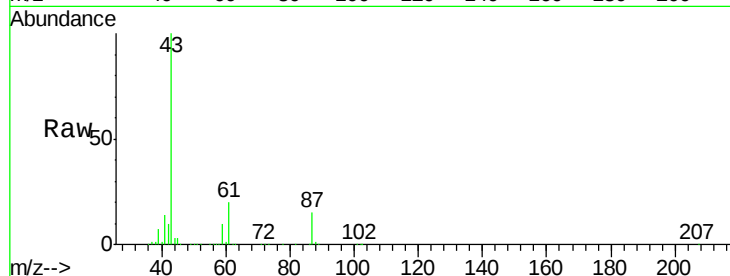
Tgt Ion: 43 Resp: 342136

Ion Ratio Lower Upper

43 100

61 20.1 16.2 24.2

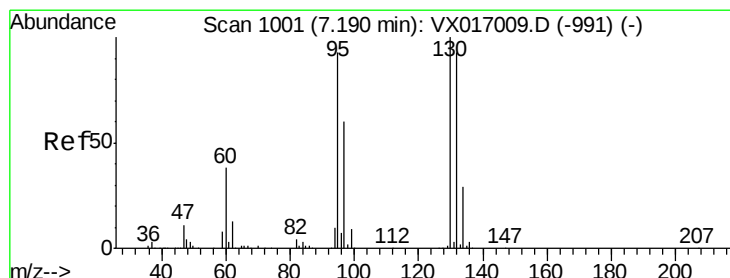
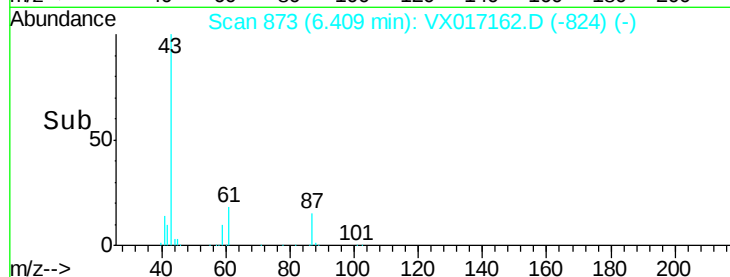
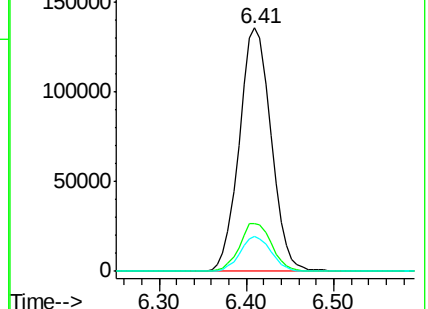
87 14.1 10.7 16.1



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: 52.688 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017162.D

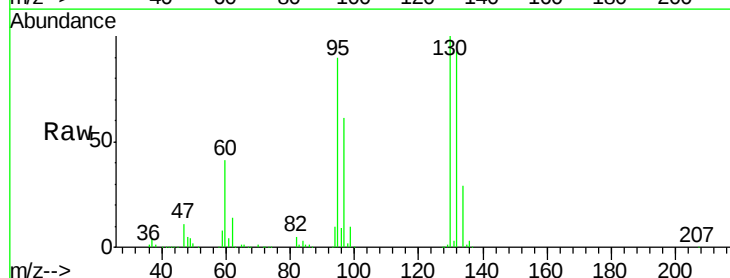
Acq: 06 Jul 2020 12:59

Tgt Ion: 130 Resp: 188757

Ion Ratio Lower Upper

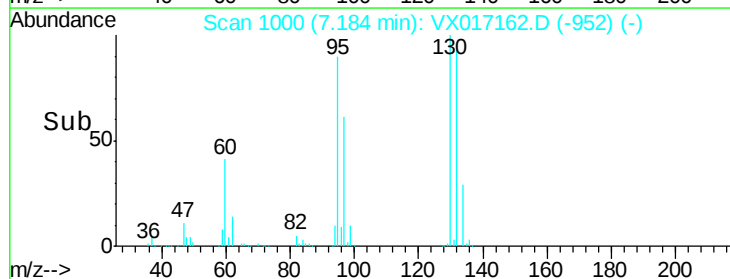
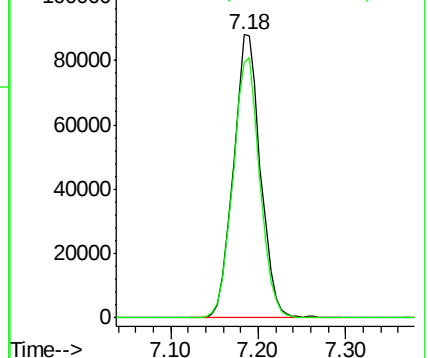
130 100

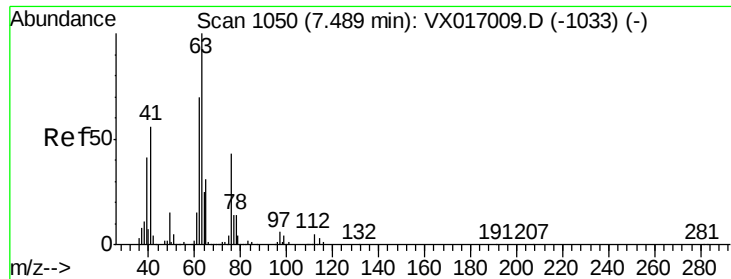
95 90.0 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

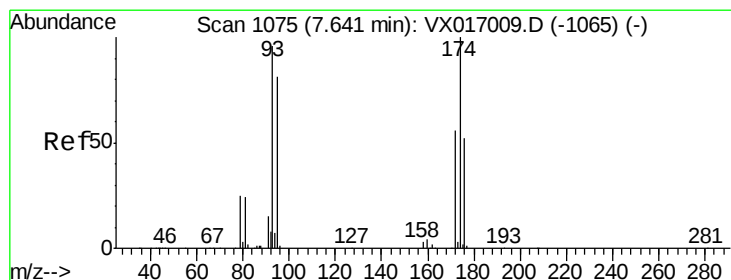
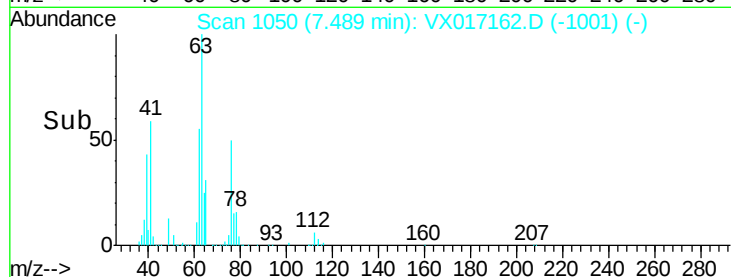
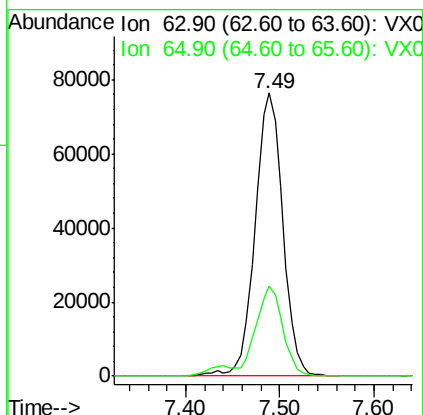
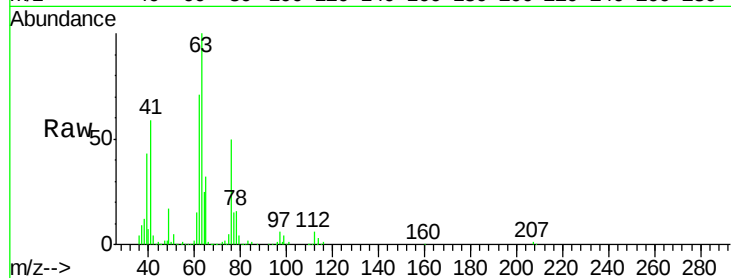




#45
 1,2-Dichloropropane
 Concen: 47.234 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

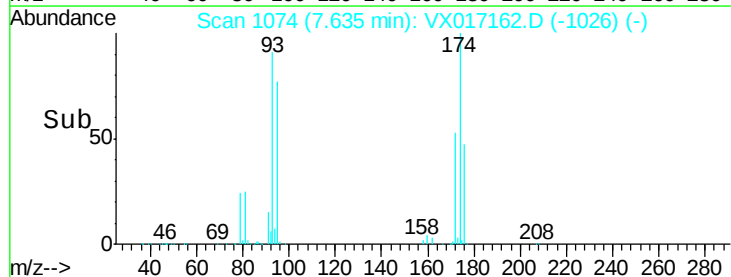
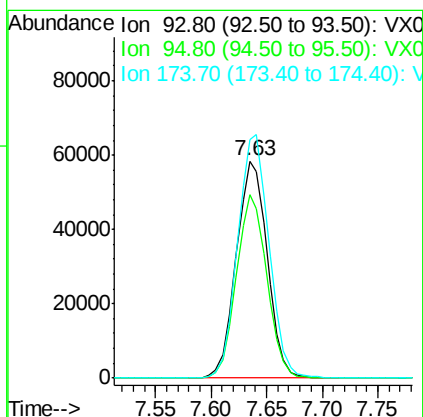
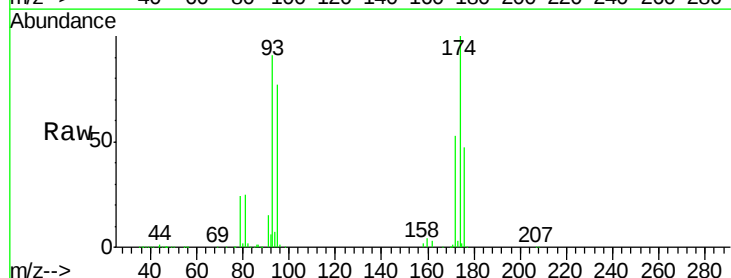
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

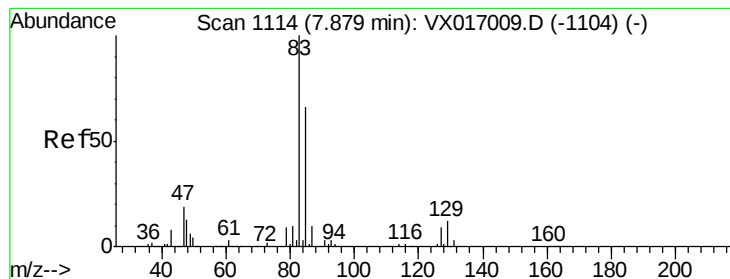
Tgt Ion: 63 Resp: 157549
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 36.8



#46
 Dibromomethane
 Concen: 49.675 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Tgt Ion: 93 Resp: 113121
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.4 101.0
 174 113.2 84.3 126.5





#47

Bromodichloromethane

Concen: 51.377 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

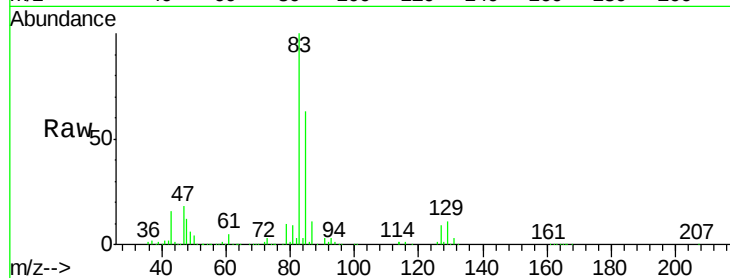
Tgt Ion: 83 Resp: 241109

Ion Ratio Lower Upper

83 100

85 62.6 53.0 79.4

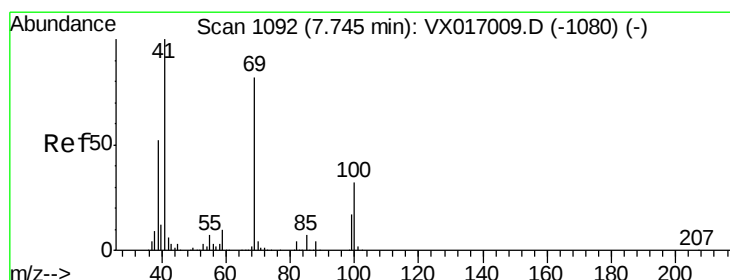
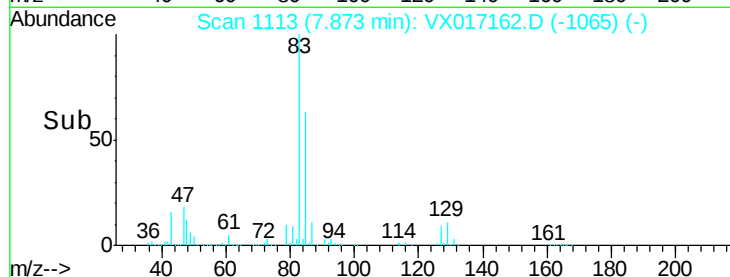
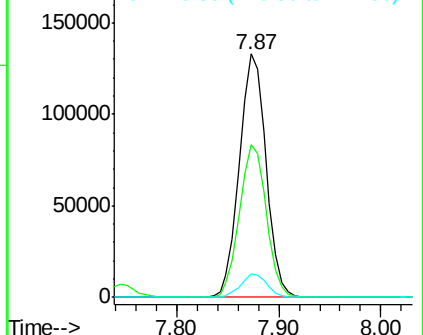
127 9.5 7.5 11.3



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: 48.070 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

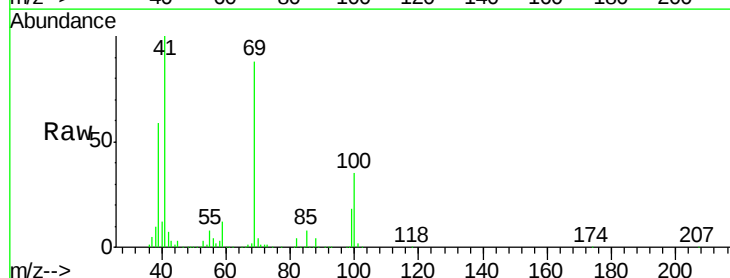
Tgt Ion: 41 Resp: 170187

Ion Ratio Lower Upper

41 100

69 84.0 65.8 98.8

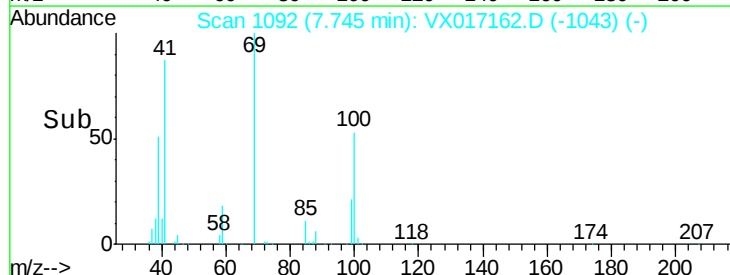
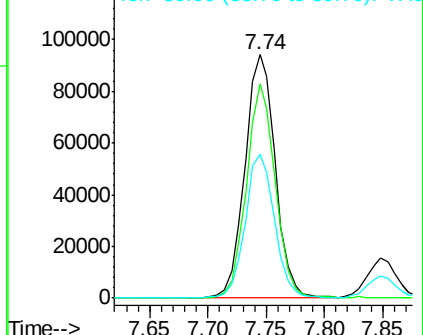
39 57.5 42.5 63.7

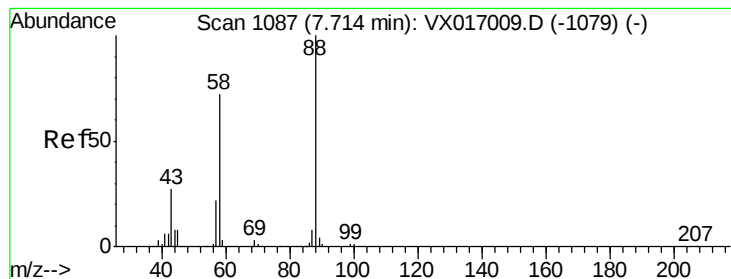


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 881.642 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

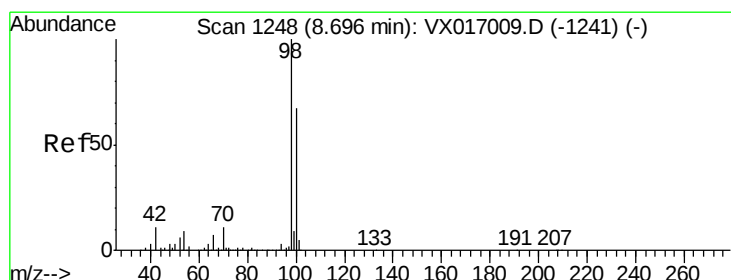
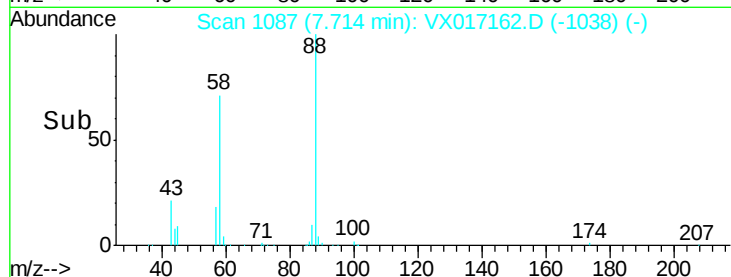
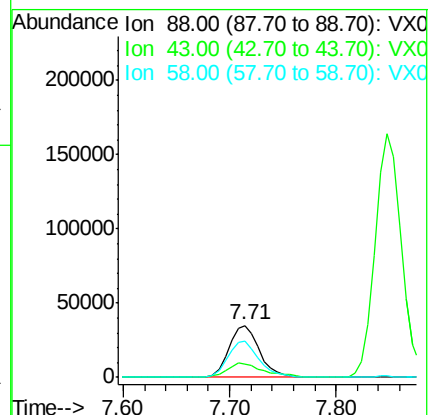
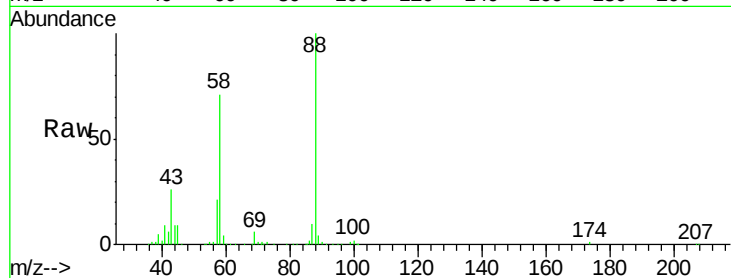
Tgt Ion: 88 Resp: 70714

Ion Ratio Lower Upper

88 100

43 32.8 25.8 38.8

58 71.9 54.8 82.2



#50

Toluene-d8

Concen: 52.629 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017162.D

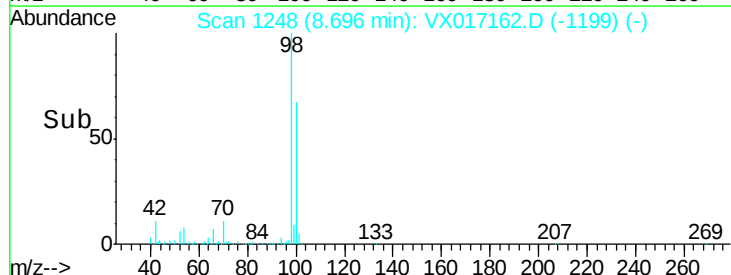
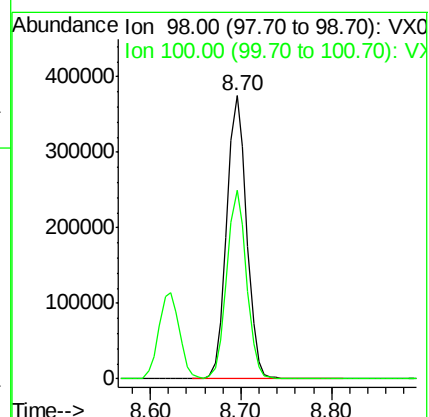
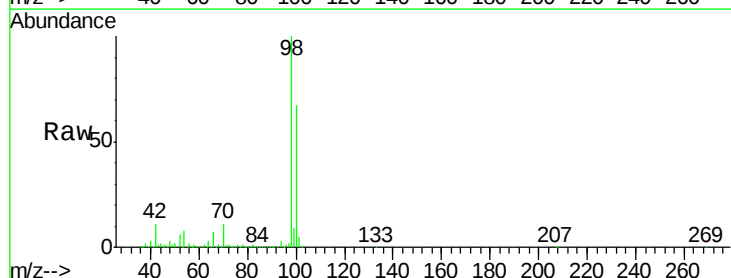
Acq: 06 Jul 2020 12:59

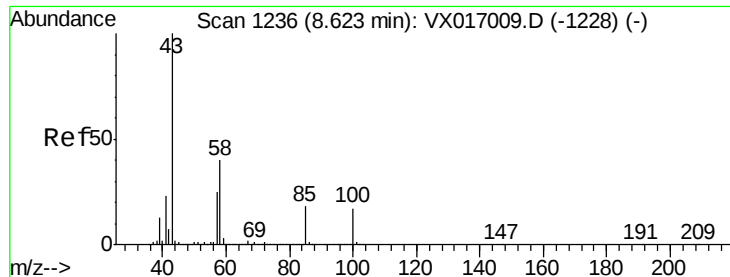
Tgt Ion: 98 Resp: 575718

Ion Ratio Lower Upper

98 100

100 66.5 53.8 80.6

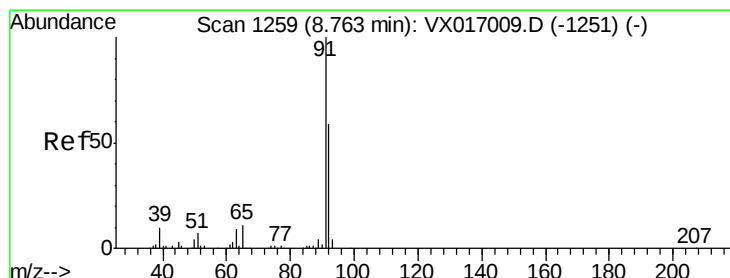
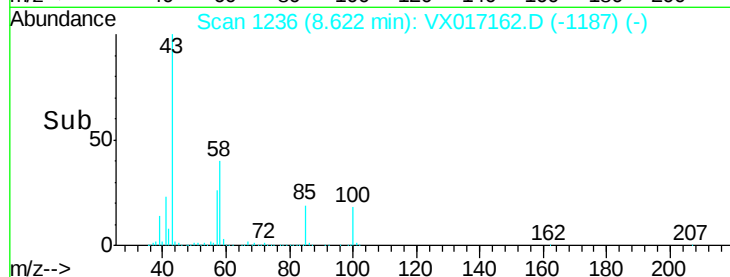
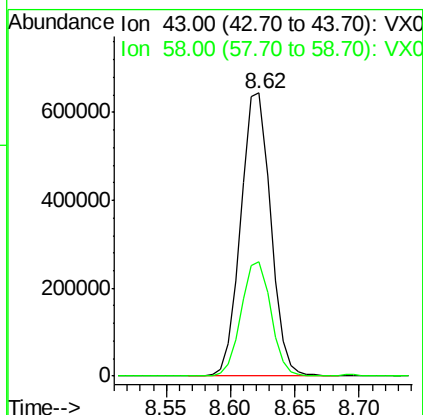
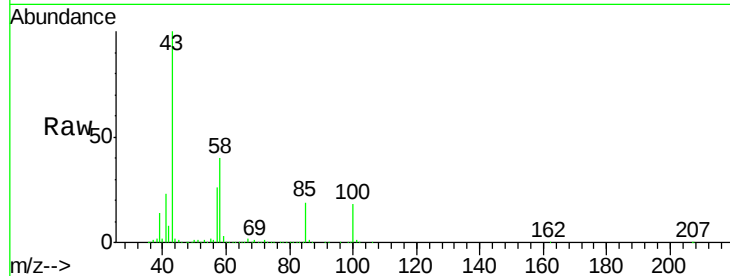




#51
 4-Methyl-2-Pentanone
 Concen: 232.963 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

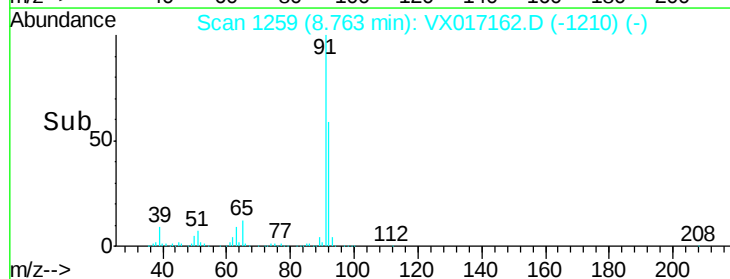
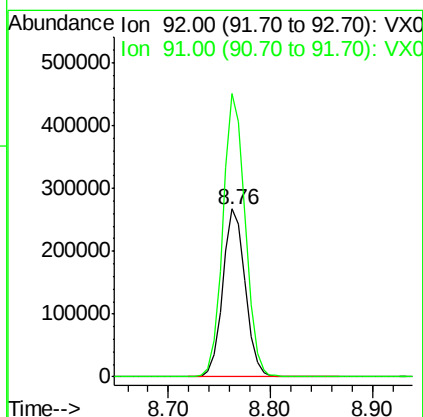
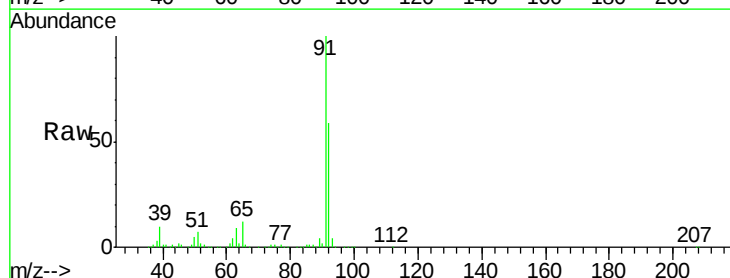
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

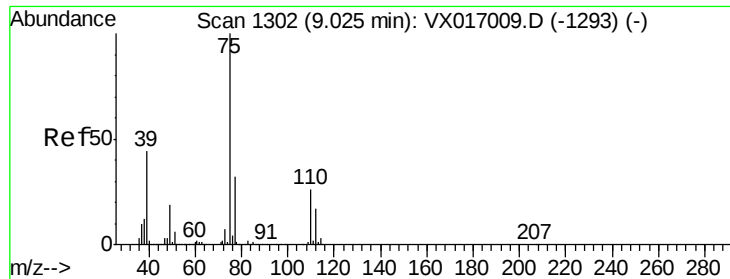
Tgt Ion: 43 Resp: 1034854
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.9 47.9



#52
 Toluene
 Concen: 50.306 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Tgt Ion: 92 Resp: 407886
 Ion Ratio Lower Upper
 92 100
 91 167.5 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 51.349 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

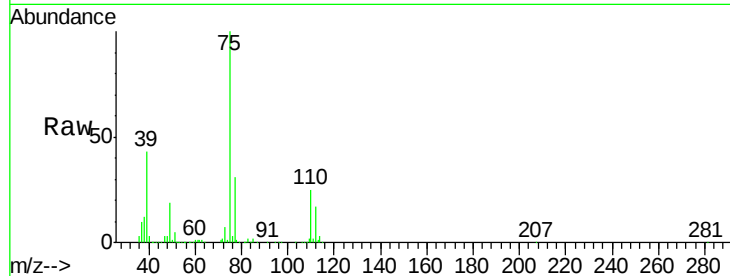
VSTDCCC050

Tgt Ion: 75 Resp: 265878

Ion Ratio Lower Upper

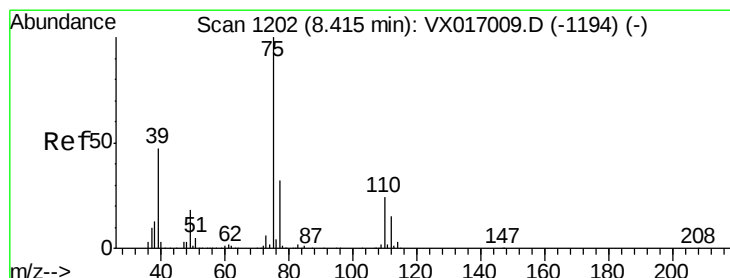
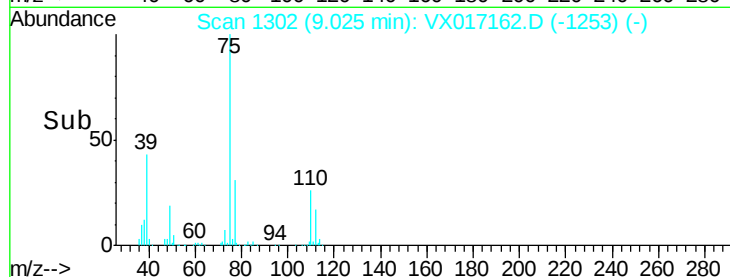
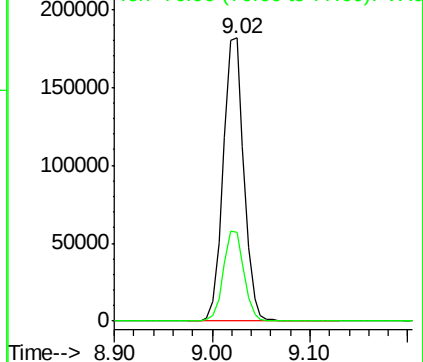
75 100

77 31.3 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.121 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

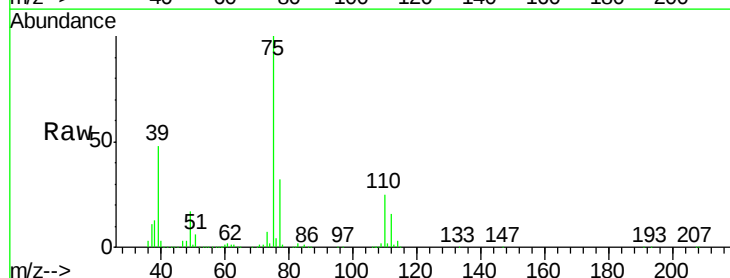
Tgt Ion: 75 Resp: 278203

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

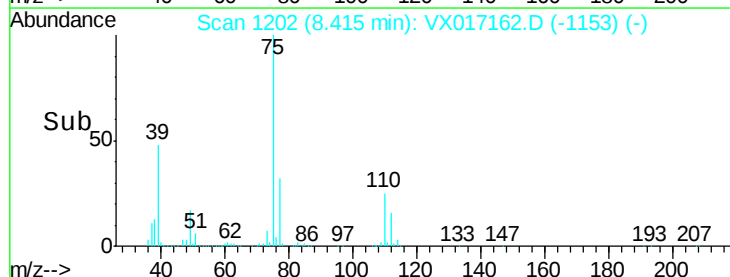
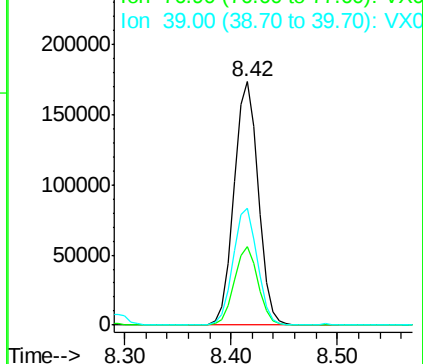
39 47.7 37.4 56.2

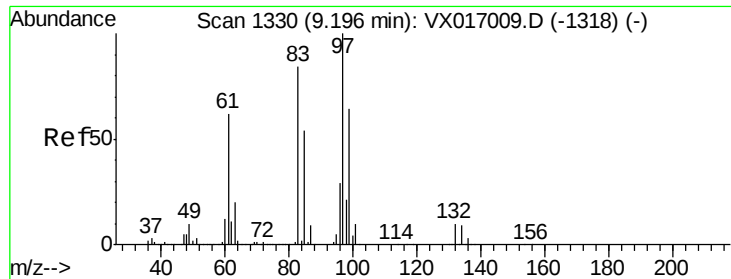


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

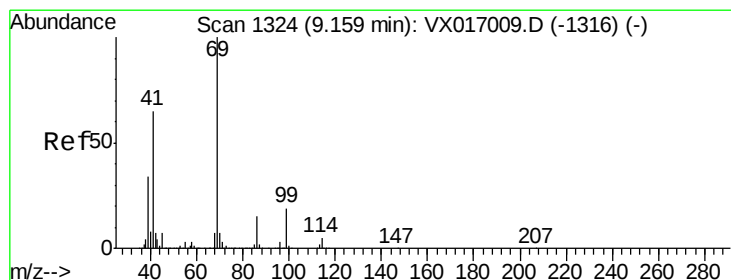
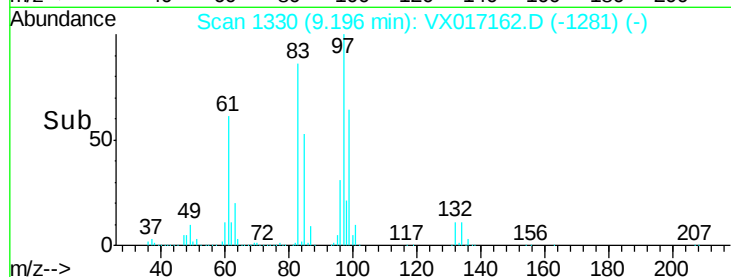
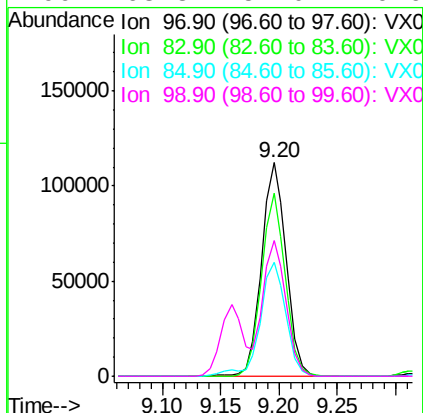
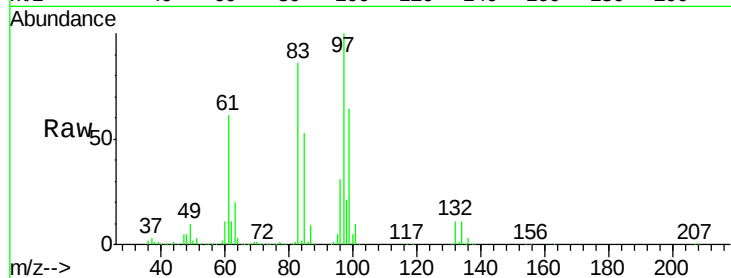




#55
 1,1,2-Trichloroethane
 Concen: 49.897 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

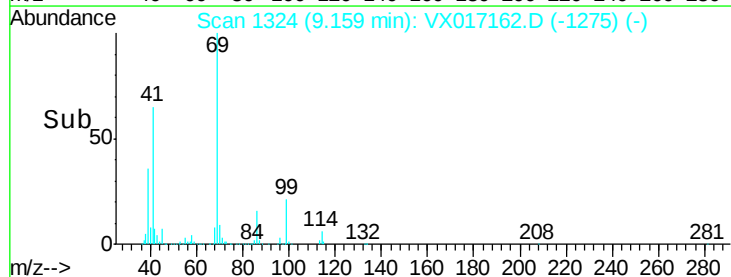
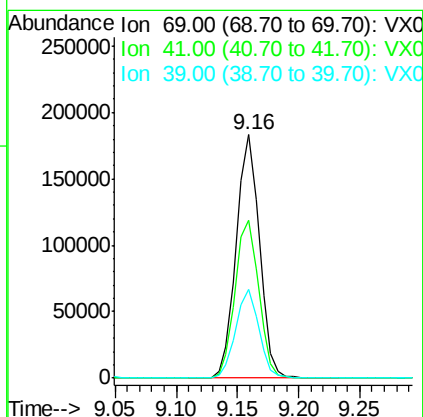
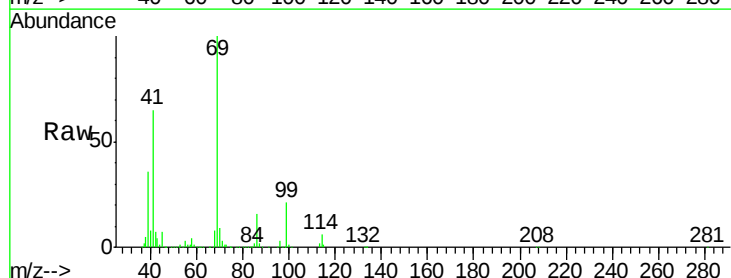
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

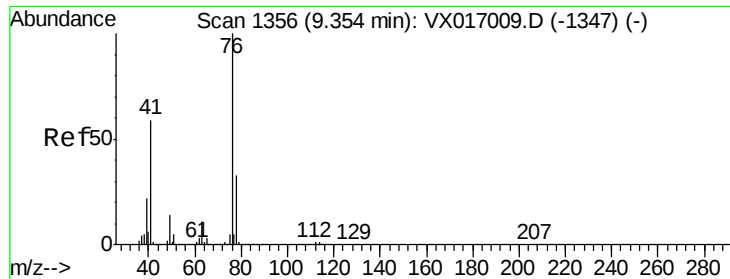
Tgt Ion:	97	Resp:	165295
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.0	100.6
85	53.1	43.5	65.3
99	63.8	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 51.084 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Tgt Ion:	69	Resp:	240867
Ion	Ratio	Lower	Upper
69	100		
41	65.9	53.6	80.4
39	36.2	28.2	42.2





#57

1,3-Dichloropropane

Concen: 48.314 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

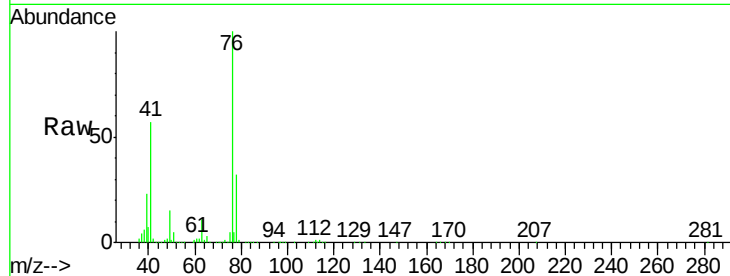
VSTDCCC050

Tgt Ion: 76 Resp: 270822

Ion Ratio Lower Upper

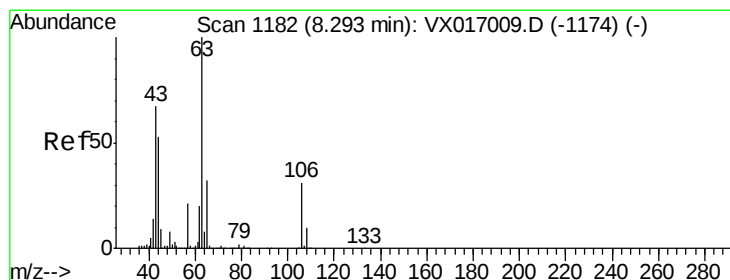
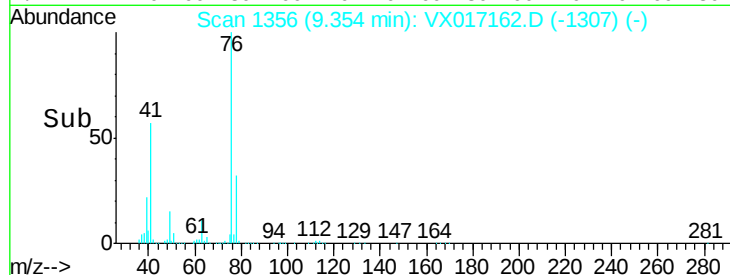
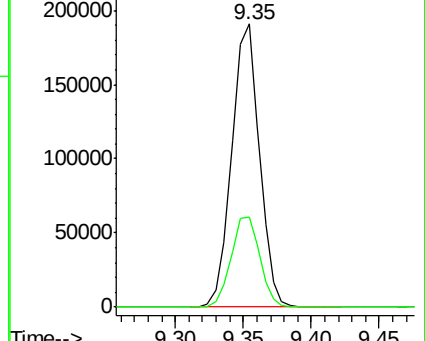
76 100

78 33.0 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 272.766 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017162.D

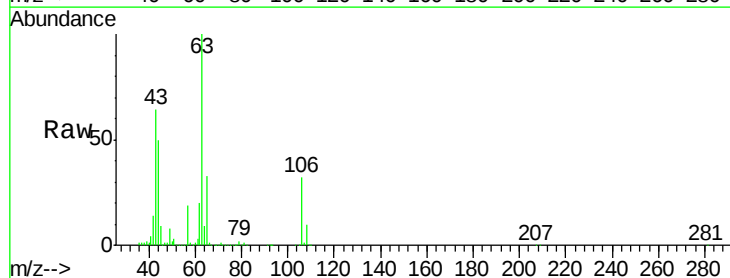
Acq: 06 Jul 2020 12:59

Tgt Ion: 63 Resp: 640091

Ion Ratio Lower Upper

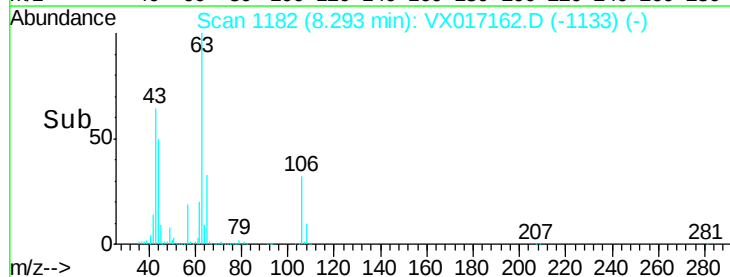
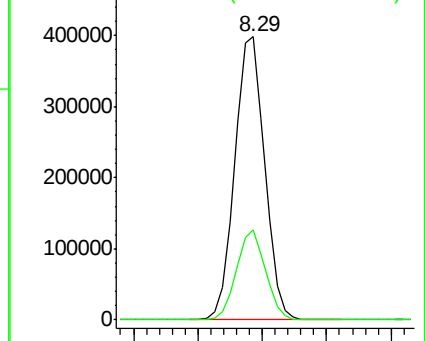
63 100

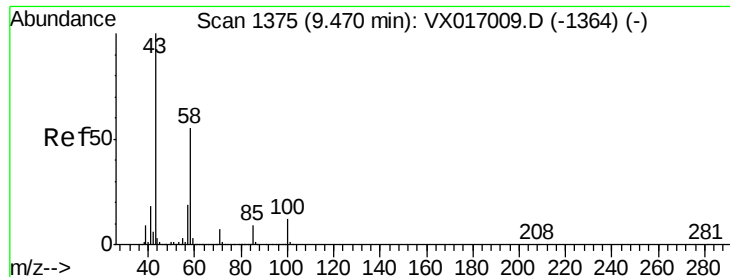
106 31.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

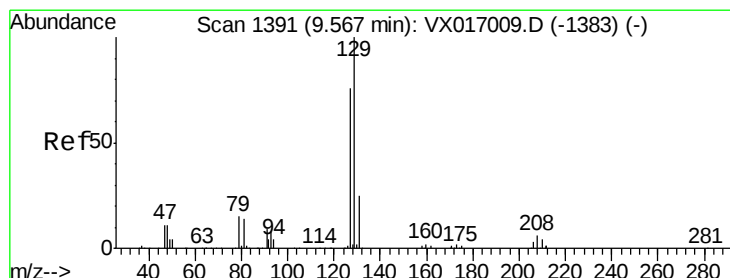
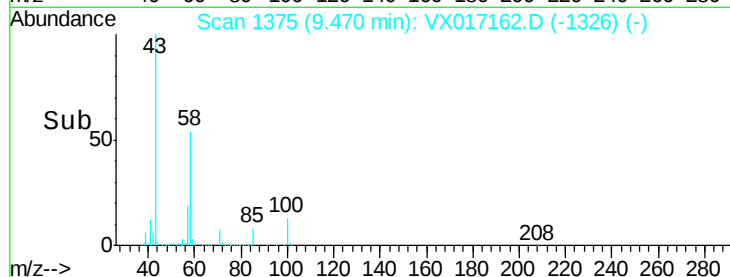
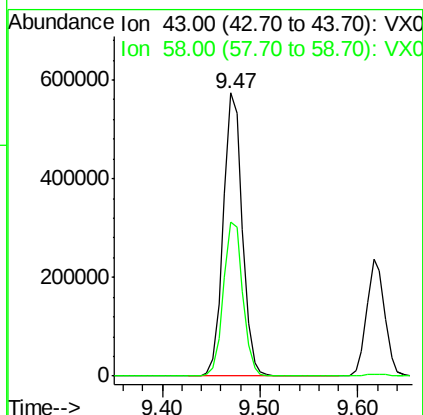
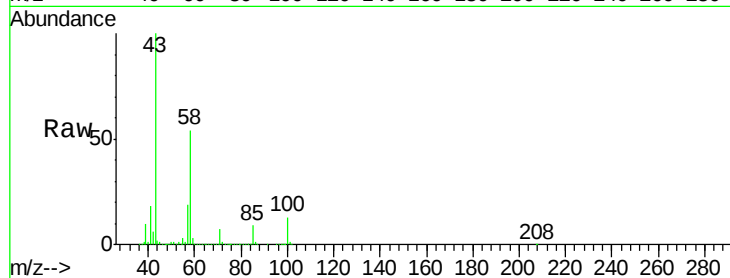




#59
2-Hexanone
Concen: 238.145 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

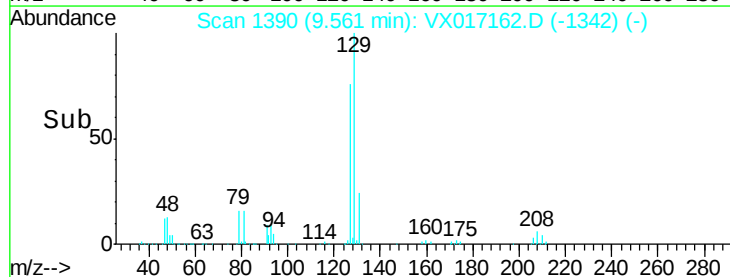
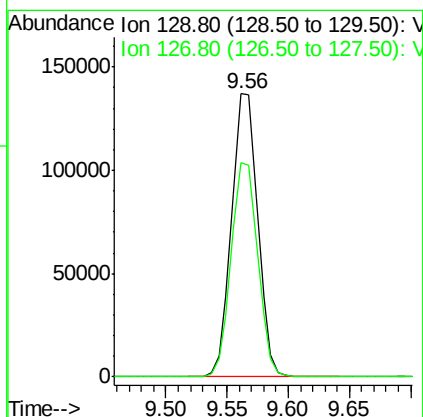
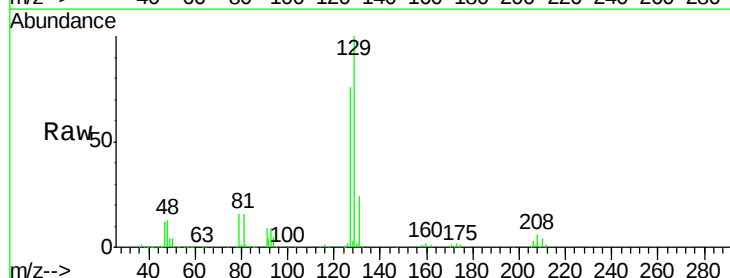
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

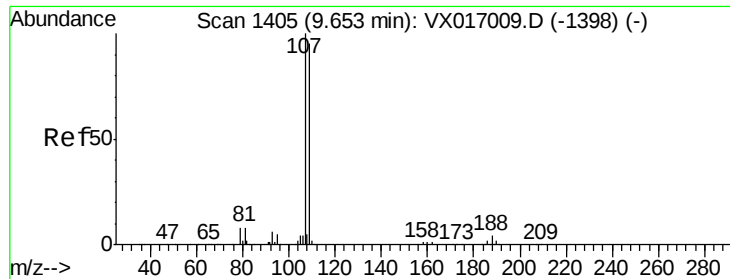
Tgt Ion: 43 Resp: 772599
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6



#60
Dibromochloromethane
Concen: 52.629 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion: 129 Resp: 202496
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 49.678 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

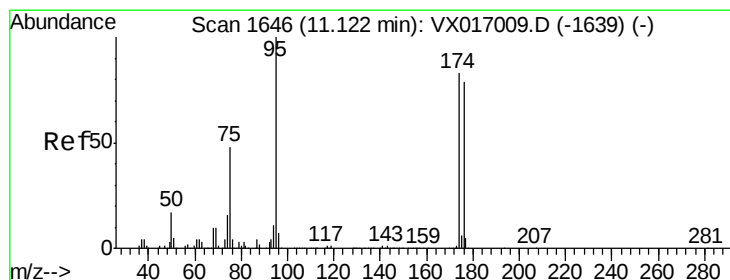
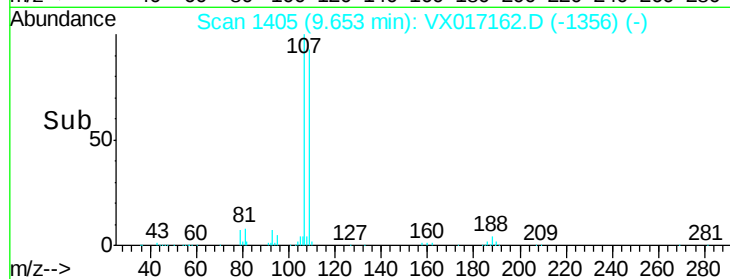
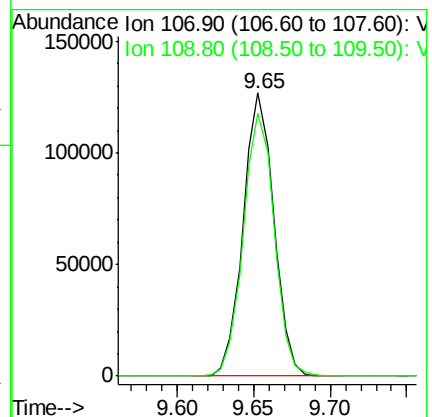
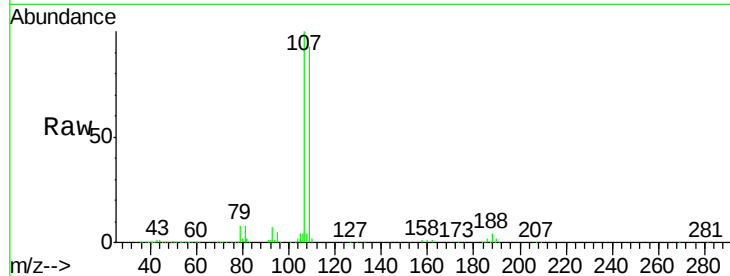
VSTDCCC050

Tgt Ion: 107 Resp: 176896

Ion Ratio Lower Upper

107 100

109 94.1 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 54.523 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

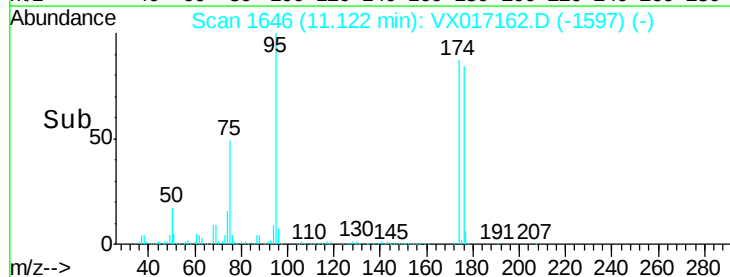
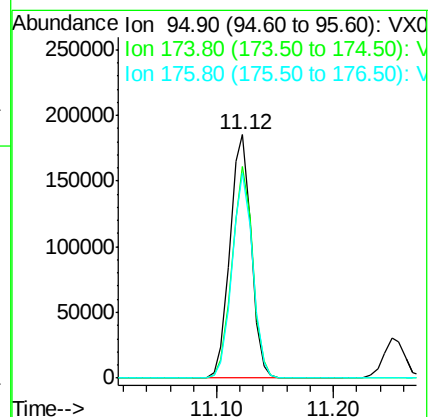
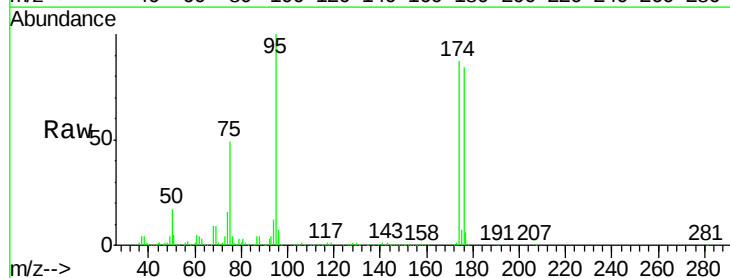
Tgt Ion: 95 Resp: 233155

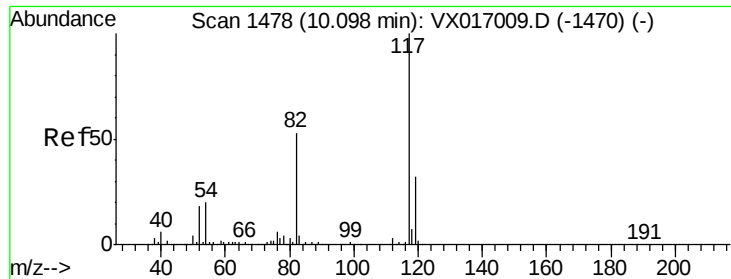
Ion Ratio Lower Upper

95 100

174 84.7 0.0 164.0

176 82.4 0.0 157.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

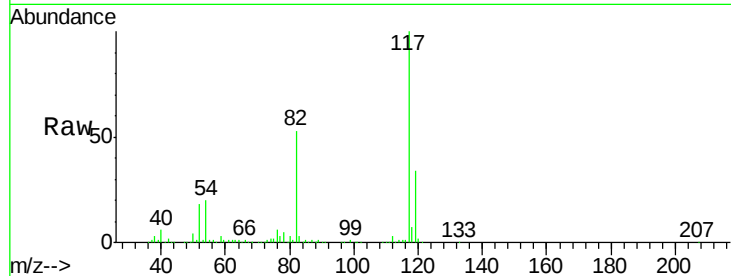
Tgt Ion:117 Resp: 441583

Ion Ratio Lower Upper

117 100

82 53.3 42.6 63.8

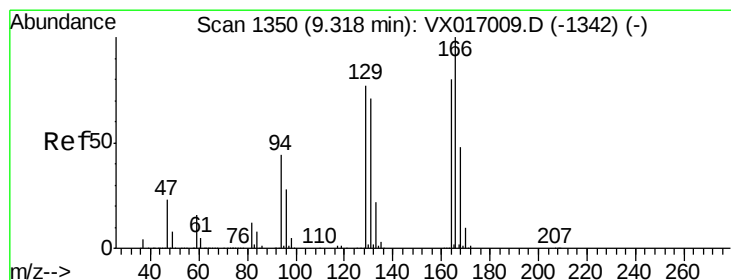
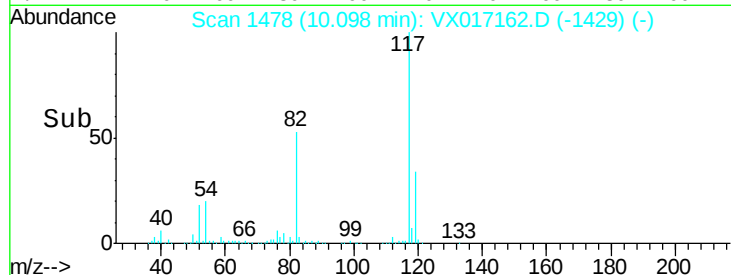
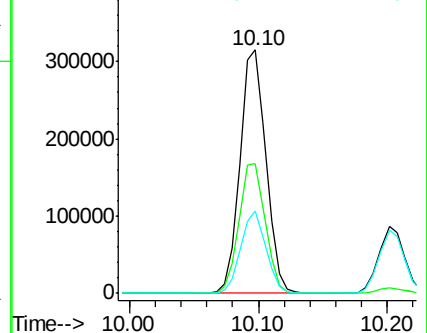
119 34.0 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 51.741 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Tgt Ion:164 Resp: 184396

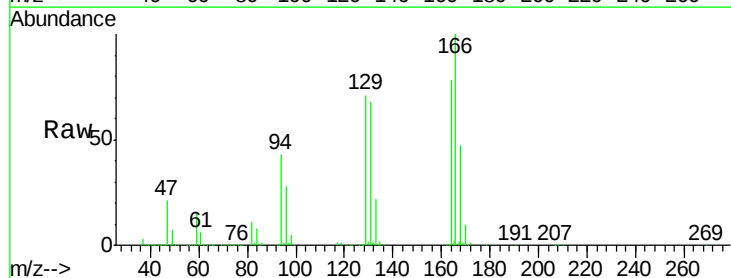
Ion Ratio Lower Upper

164 100

166 128.3 99.4 149.0

129 91.6 76.3 114.5

131 87.6 70.6 105.8

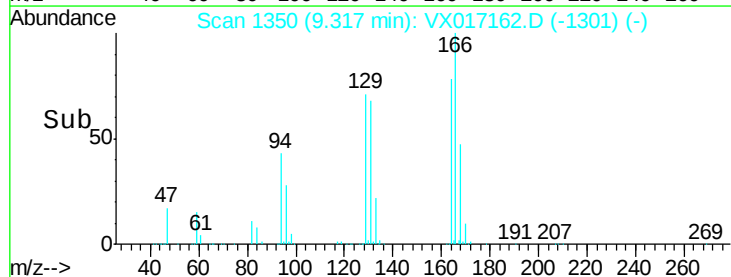
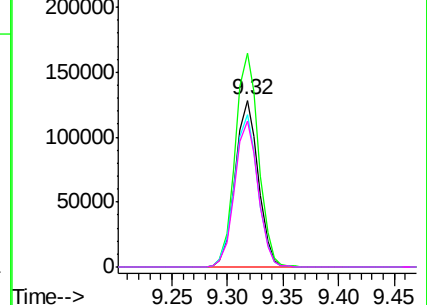


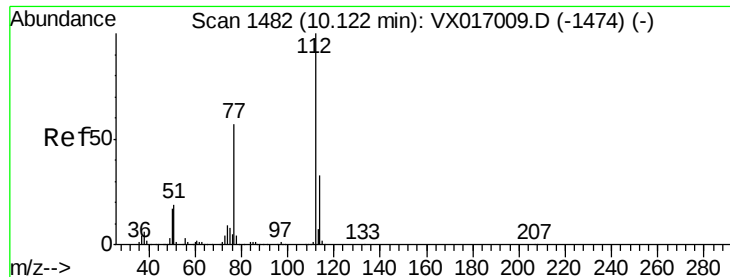
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

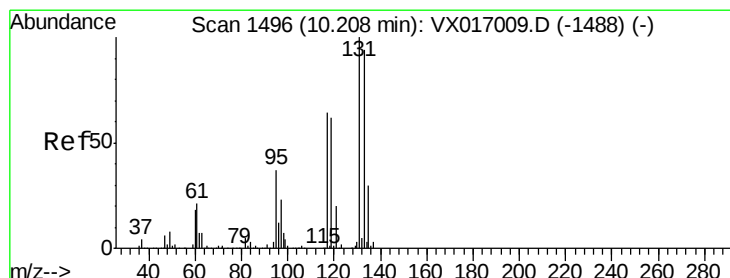
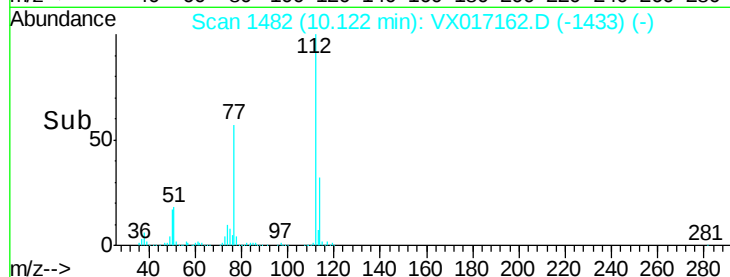
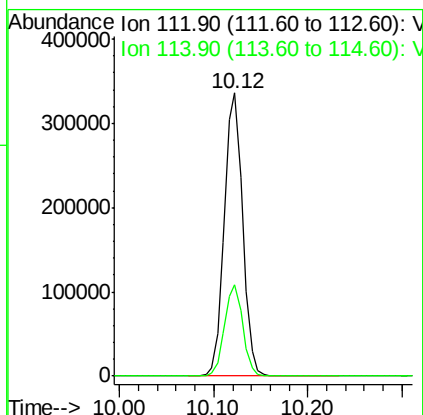
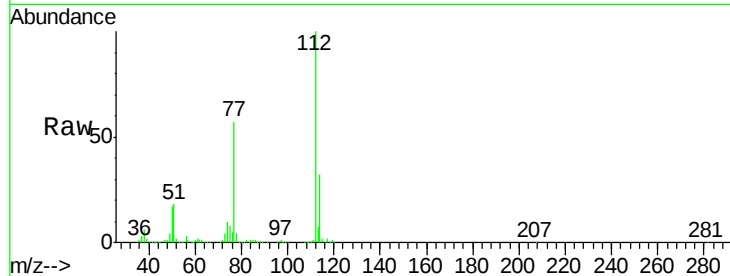




#65
Chlorobenzene
Concen: 49.718 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

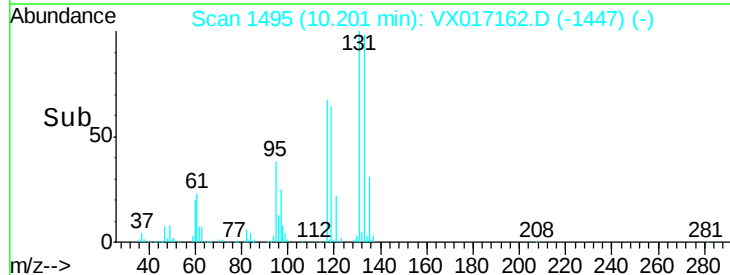
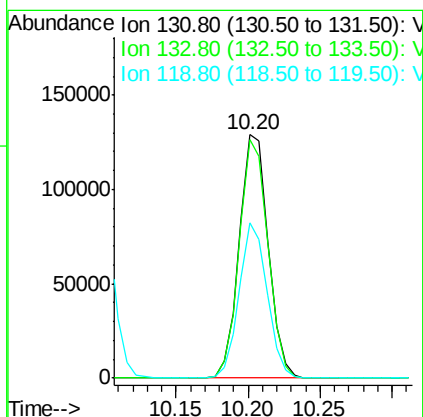
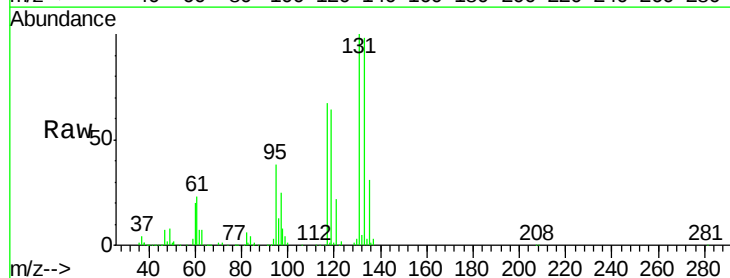
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

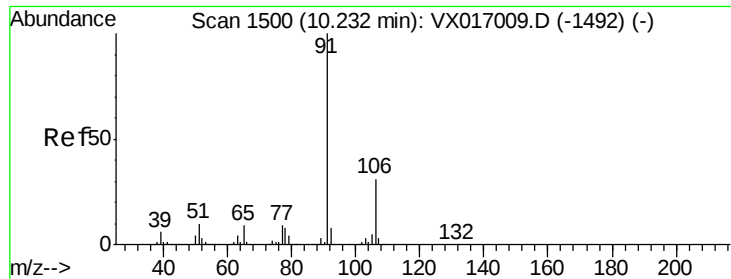
Tgt Ion:112 Resp: 453130
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.385 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion:131 Resp: 180487
Ion Ratio Lower Upper
131 100
133 96.7 47.3 141.9
119 61.9 31.9 95.5





#67

Ethyl Benzene

Concen: 51.351 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

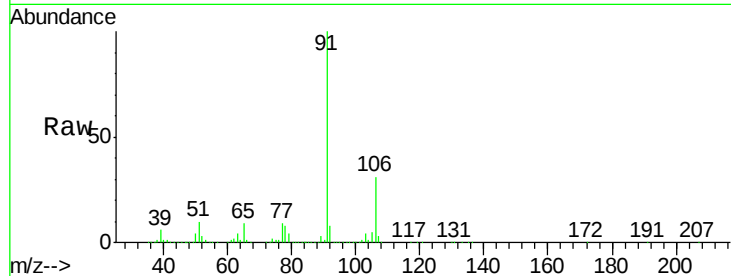
VSTDCCC050

Tgt Ion: 91 Resp: 781593

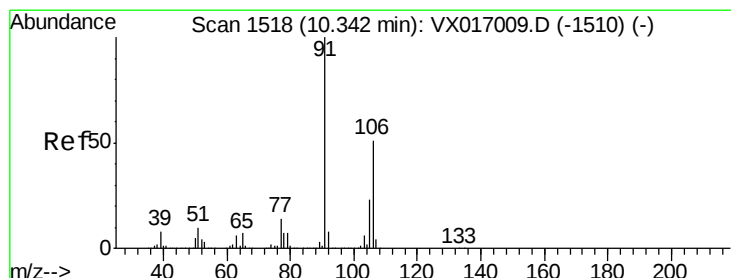
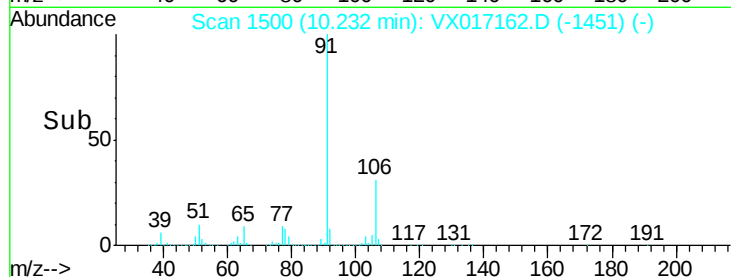
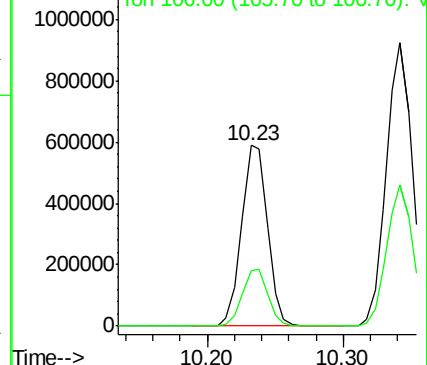
Ion Ratio Lower Upper

91 100

106 30.7 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1492) (-)



#68

m/p-Xylenes

Concen: 104.702 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017162.D

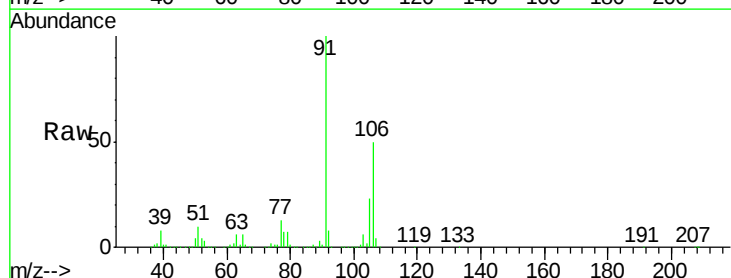
Acq: 06 Jul 2020 12:59

Tgt Ion: 106 Resp: 611897

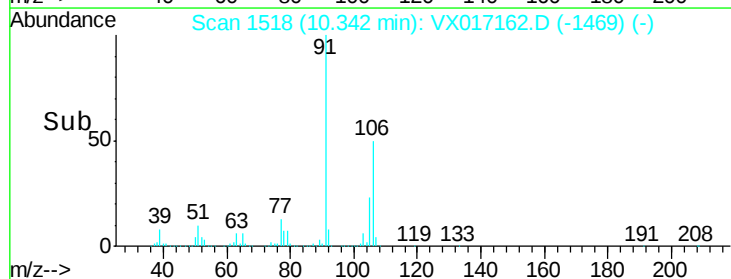
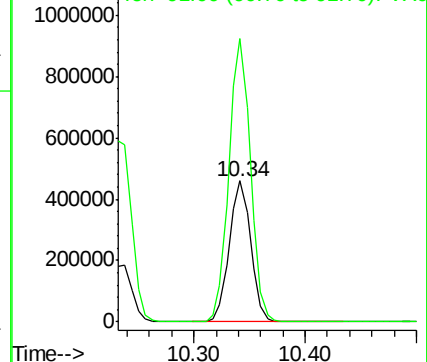
Ion Ratio Lower Upper

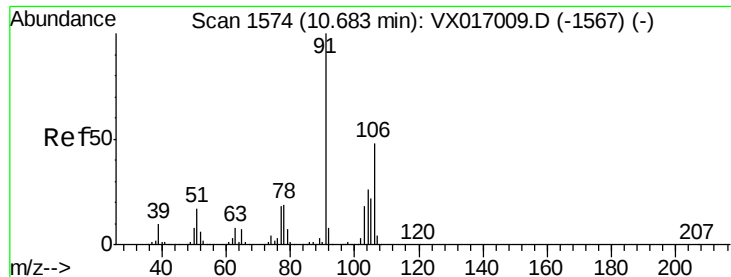
106 100

91 201.8 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): VX017009.D (-1510) (-)

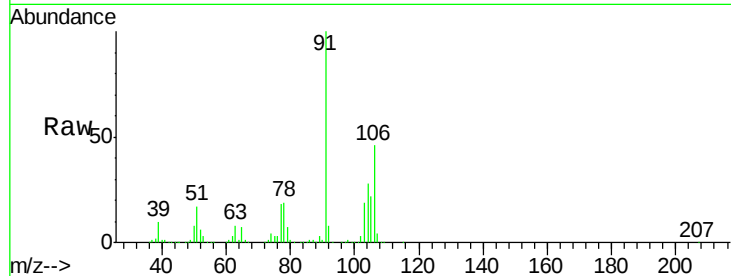




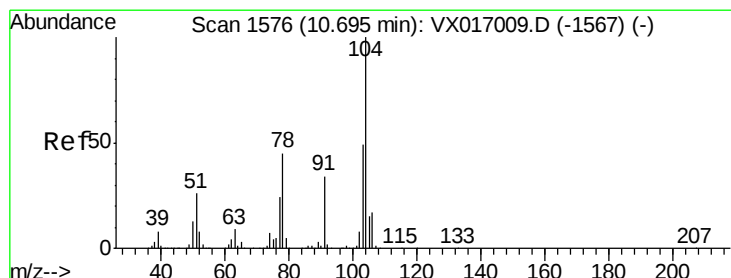
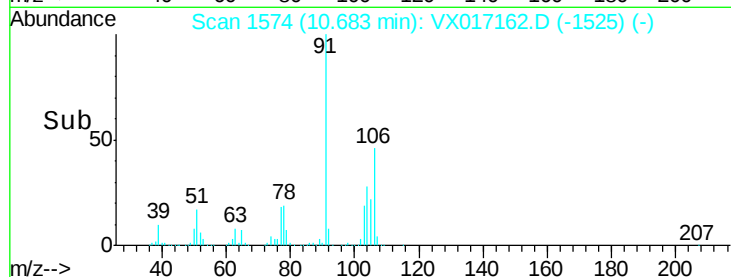
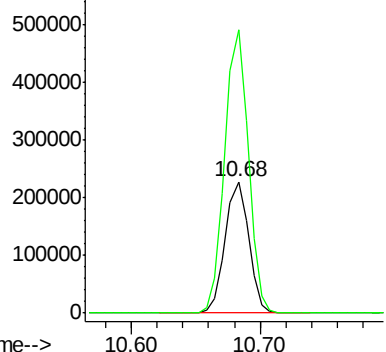
#69
o-Xylene
Concen: 51.606 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 286906
Ion Ratio Lower Upper
106 100
91 215.2 105.6 316.7

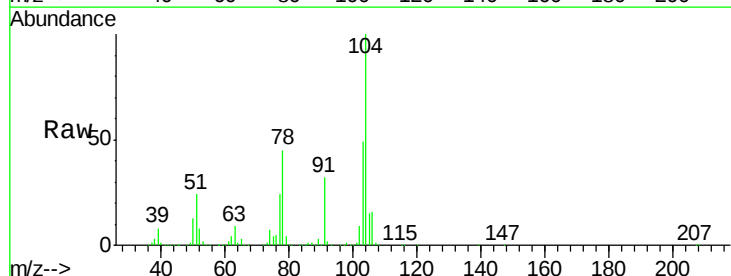


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

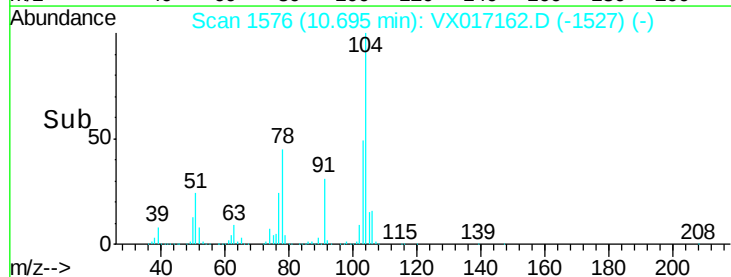
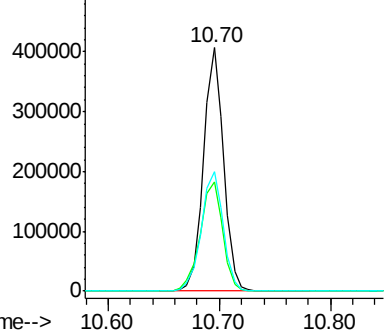


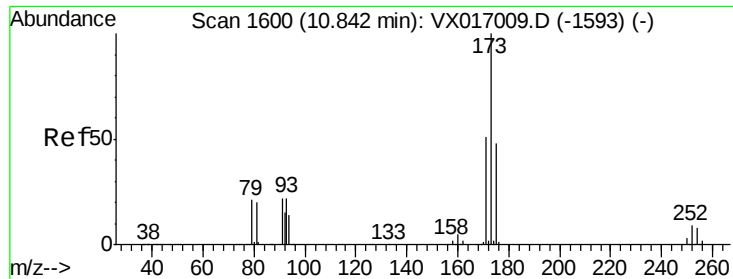
#70
Styrene
Concen: 53.248 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion:104 Resp: 504113
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 53.7 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 56.173 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

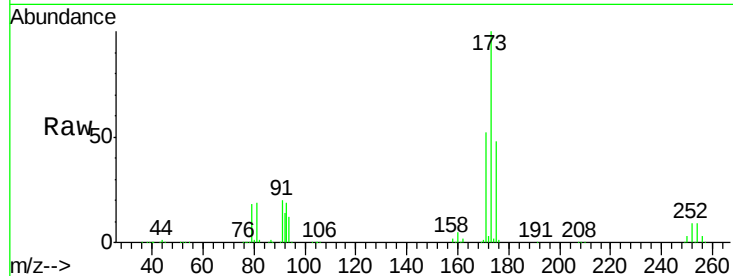
Tgt Ion:173 Resp: 156460

Ion Ratio Lower Upper

173 100

175 49.2 24.5 73.5

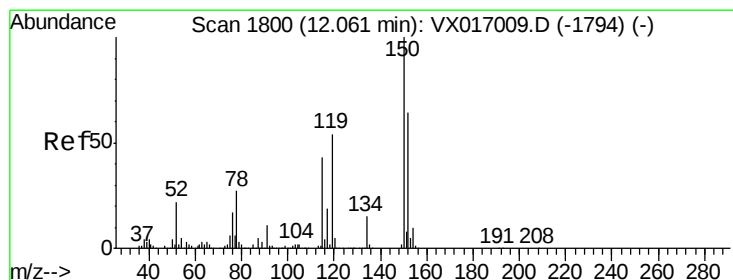
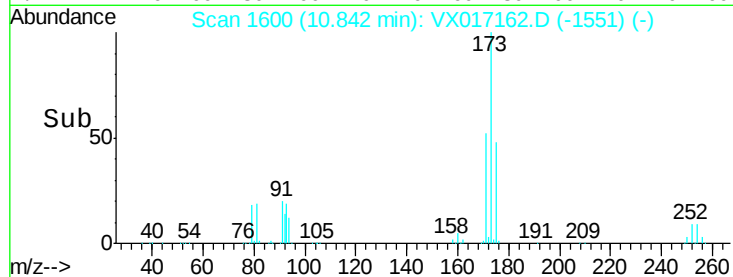
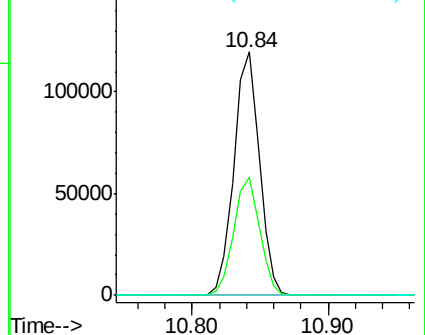
254 0.1 0.1 0.1



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: VX017162.D

Acq: 06 Jul 2020 12:59

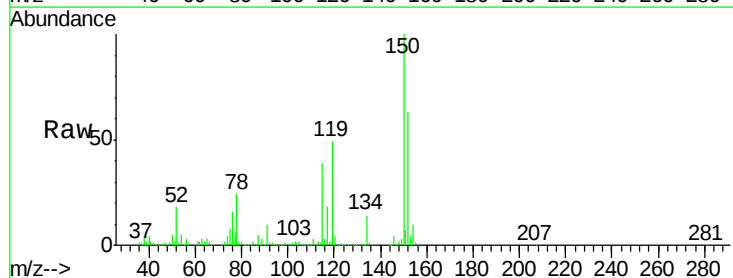
Tgt Ion:152 Resp: 250791

Ion Ratio Lower Upper

152 100

115 79.9 40.9 122.7

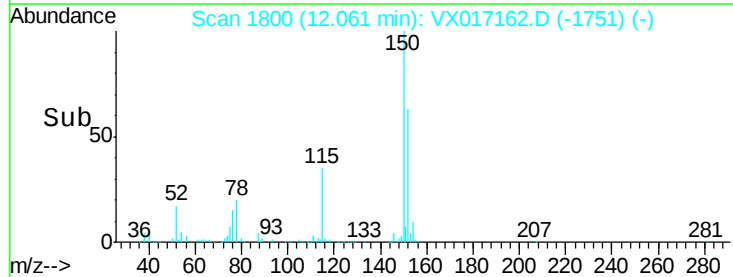
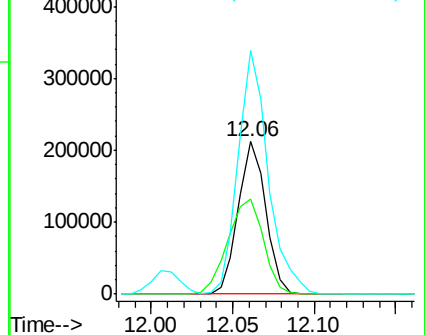
150 173.7 0.0 351.6

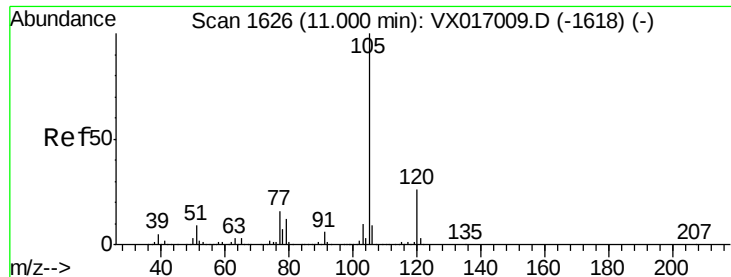


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.651 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

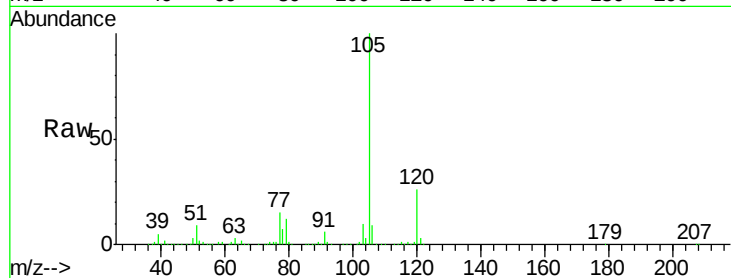
VSTDCCC050

Tgt Ion: 105 Resp: 799187

Ion Ratio Lower Upper

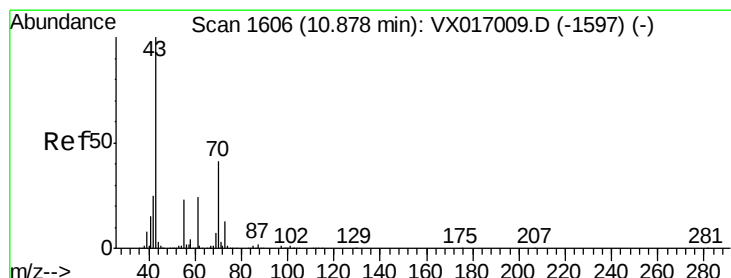
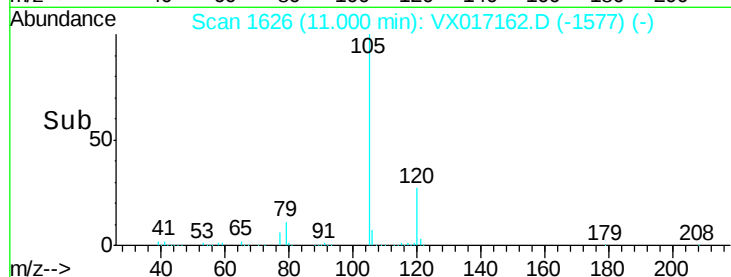
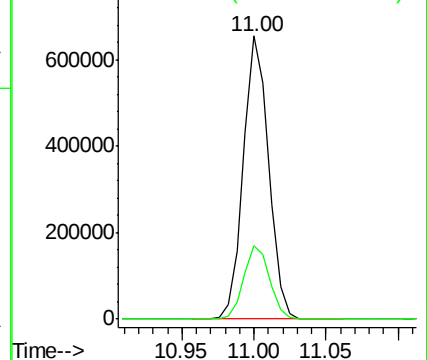
105 100

120 26.6 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: 45.103 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Tgt Ion: 43 Resp: 316141

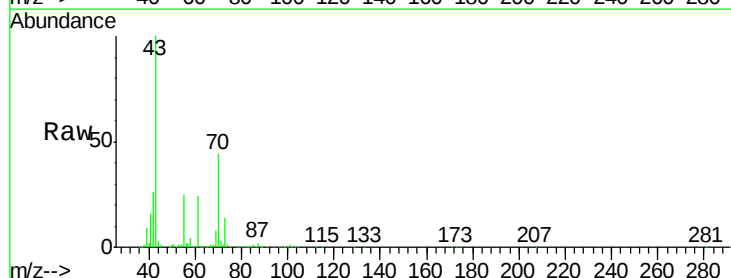
Ion Ratio Lower Upper

43 100

70 43.9 34.2 51.2

55 24.6 19.2 28.8

61 24.3 19.6 29.4

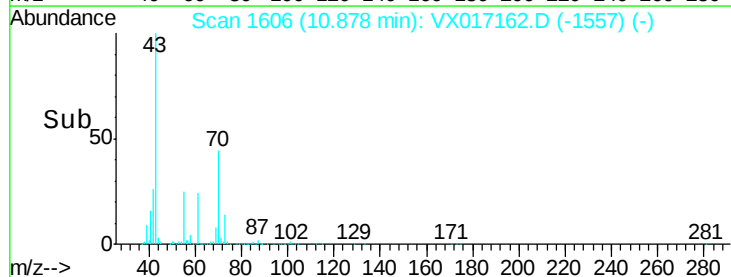
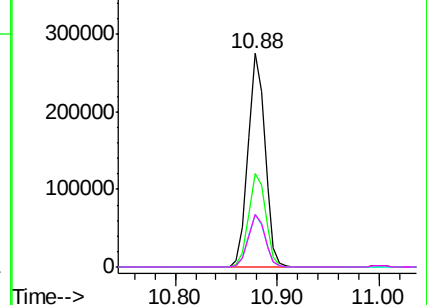


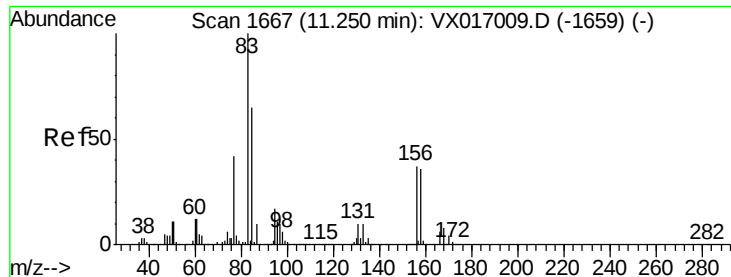
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 44.273 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

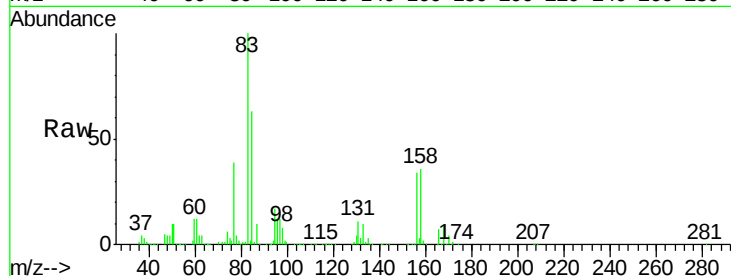
Tgt Ion: 83 Resp: 228768

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

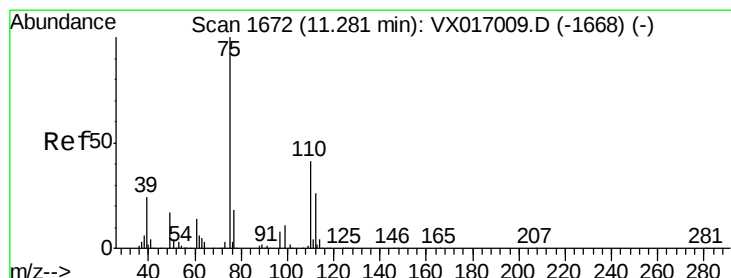
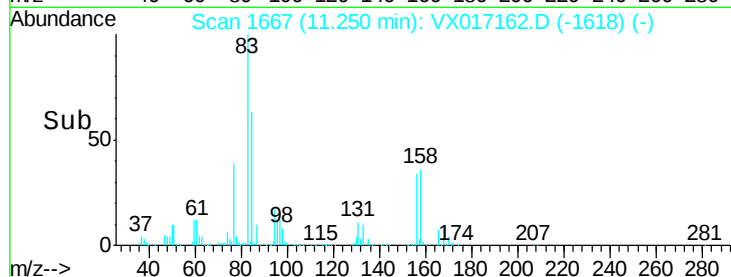
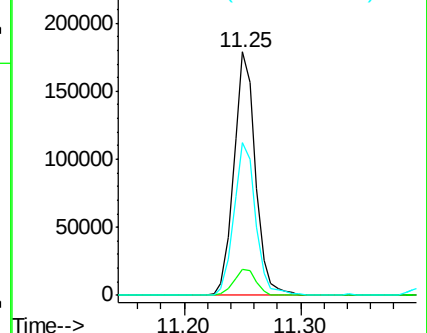
85 63.9 31.9 95.9



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: 58.568 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017162.D

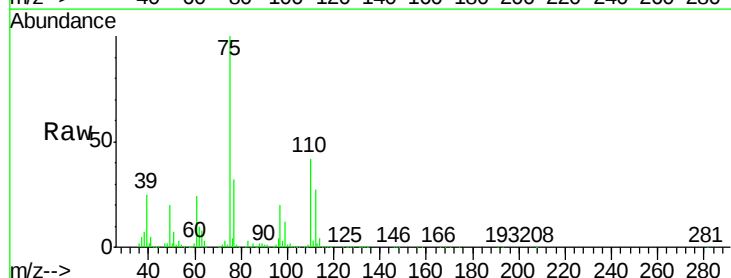
Acq: 06 Jul 2020 12:59

Tgt Ion: 75 Resp: 288836

Ion Ratio Lower Upper

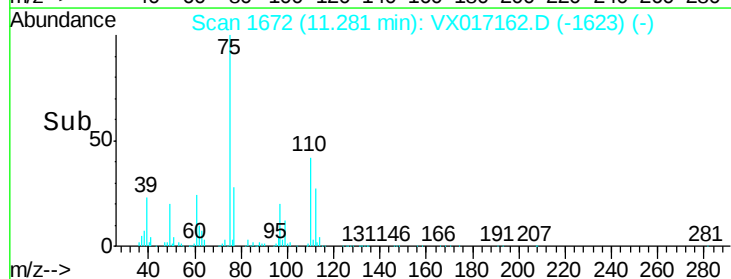
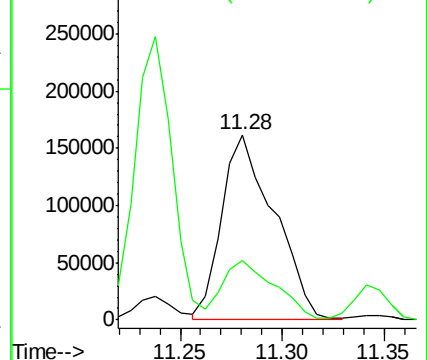
75 100

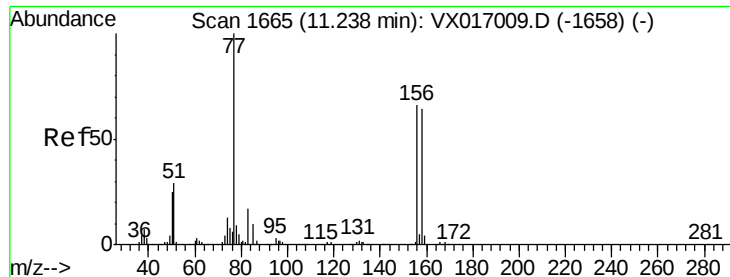
77 31.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.190 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

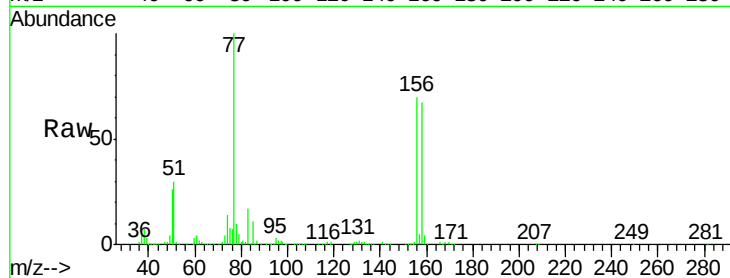
Tgt Ion:156 Resp: 217566

Ion Ratio Lower Upper

156 100

77 145.8 76.9 230.7

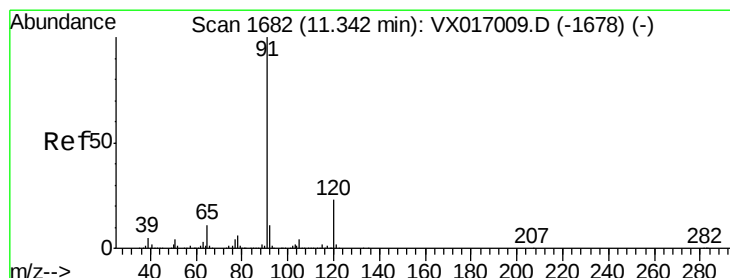
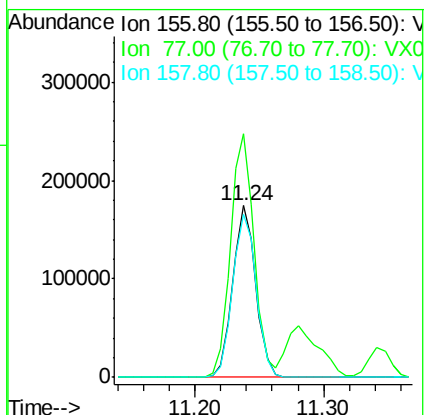
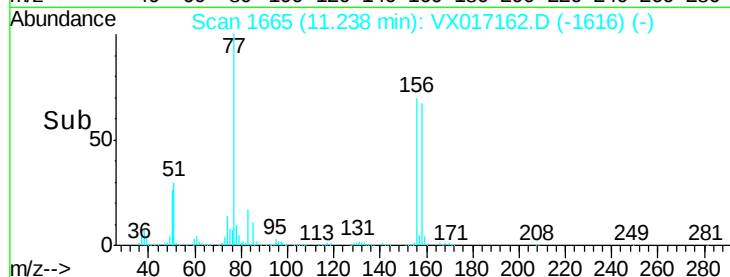
158 97.9 47.9 143.6



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: 49.262 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017162.D

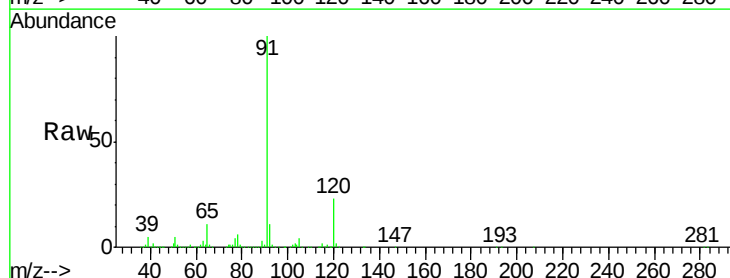
Acq: 06 Jul 2020 12:59

Tgt Ion: 91 Resp: 915107

Ion Ratio Lower Upper

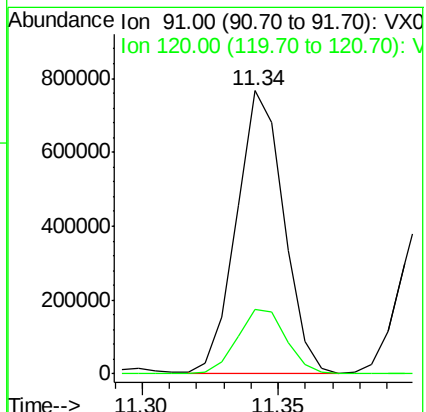
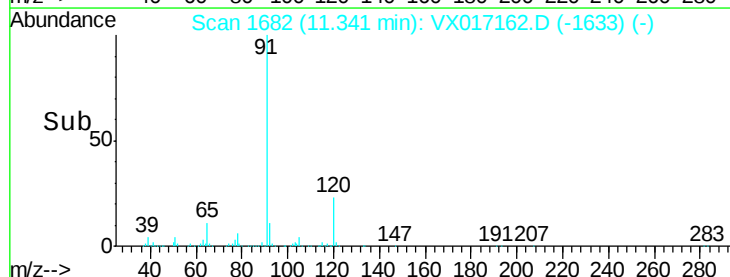
91 100

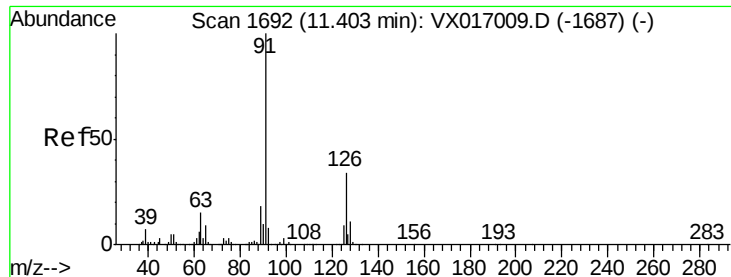
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

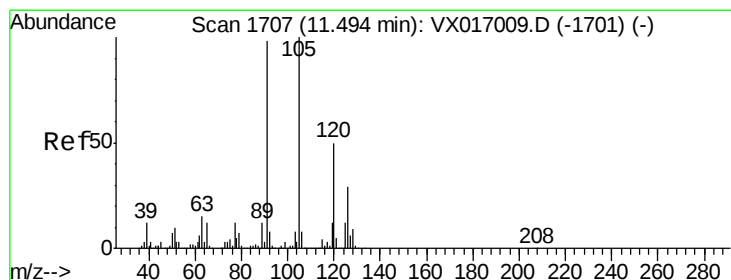
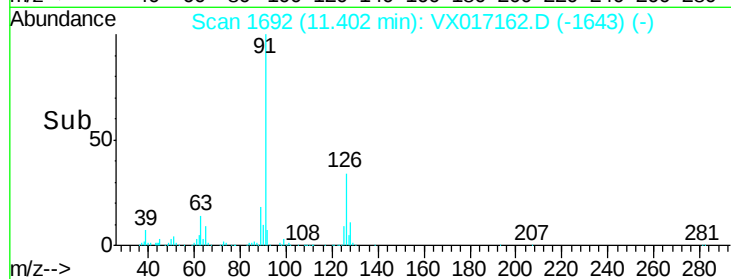
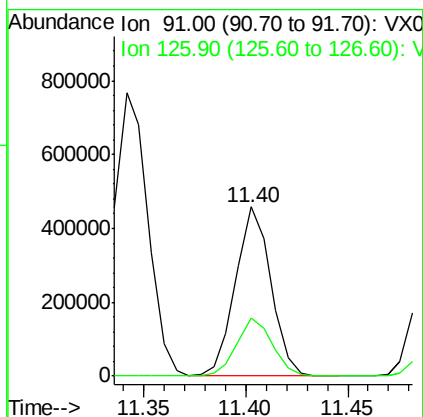
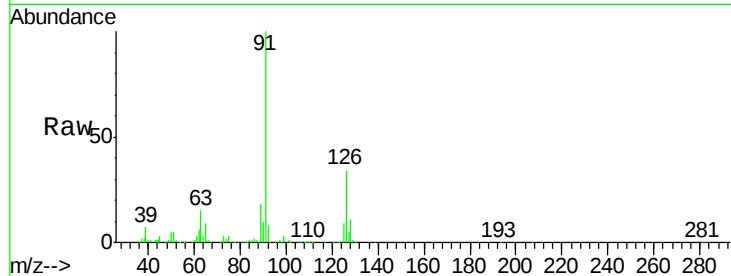




#79
 2-Chlorotoluene
 Concen: 48.883 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

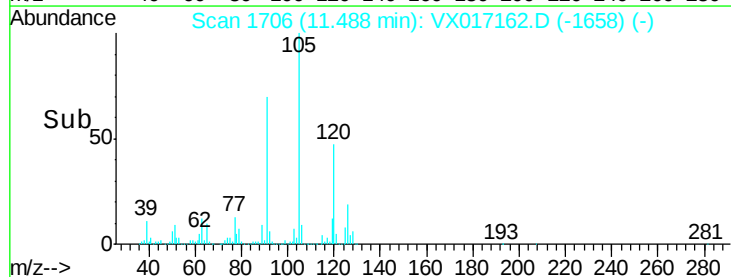
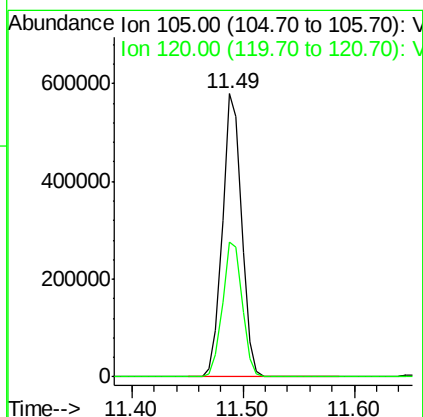
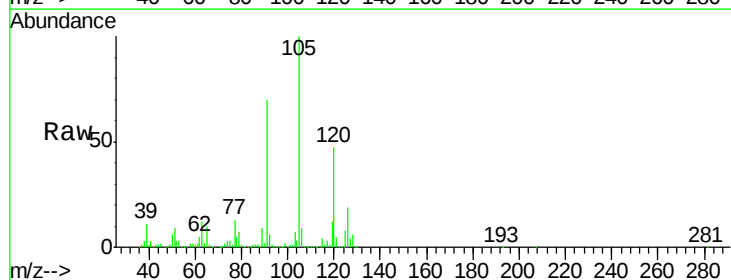
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

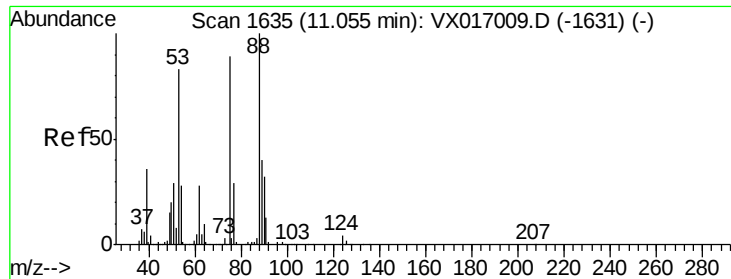
Tgt Ion: 91 Resp: 549572
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.793 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Tgt Ion: 105 Resp: 692096
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.9 74.6

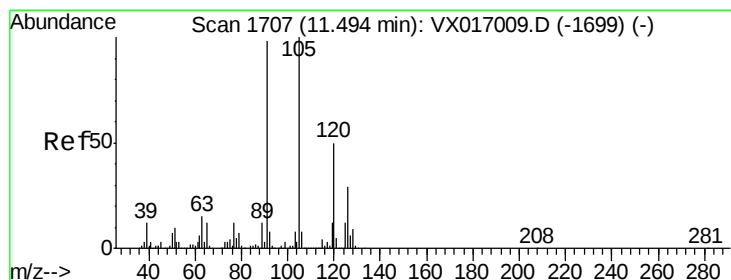
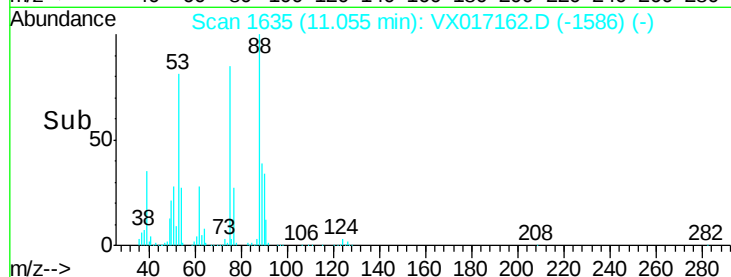
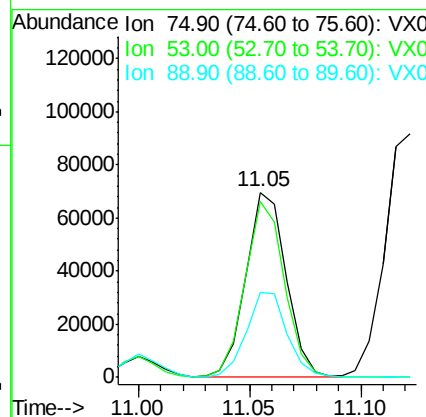
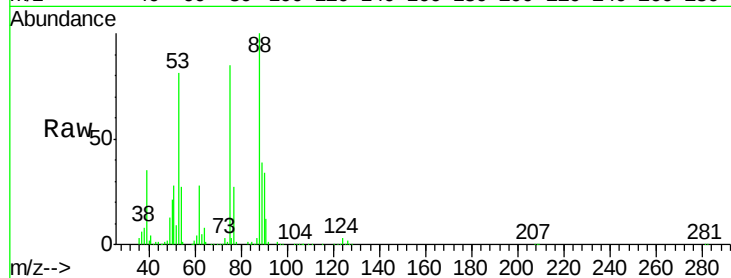




#81
trans-1,4-Dichloro-2-butene
Concen: 45.977 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

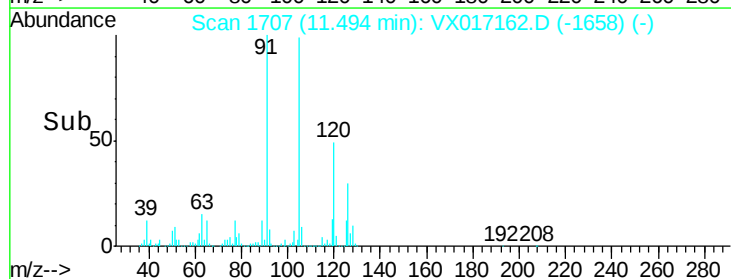
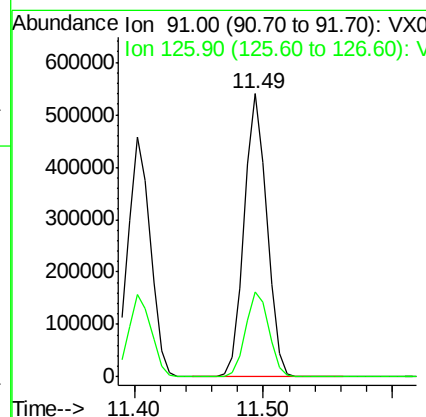
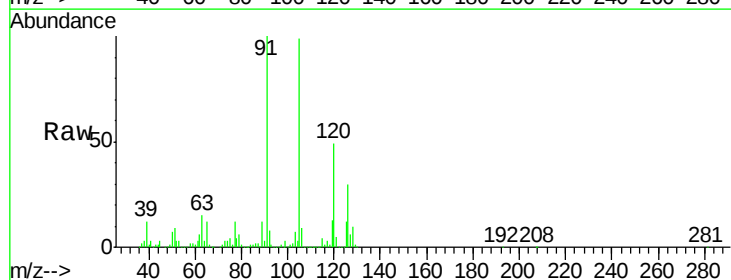
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

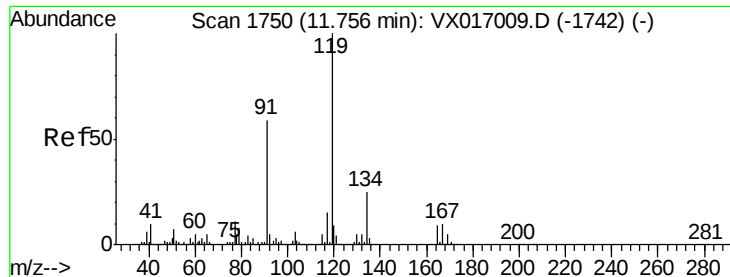
Tgt Ion: 75 Resp: 87558
Ion Ratio Lower Upper
75 100
53 93.4 72.4 108.6
89 47.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 49.024 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion: 91 Resp: 658877
Ion Ratio Lower Upper
91 100
126 30.8 15.2 45.5

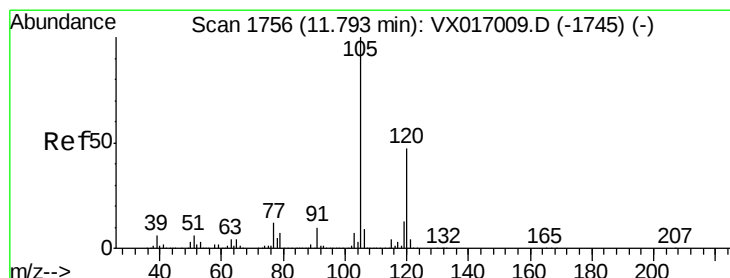
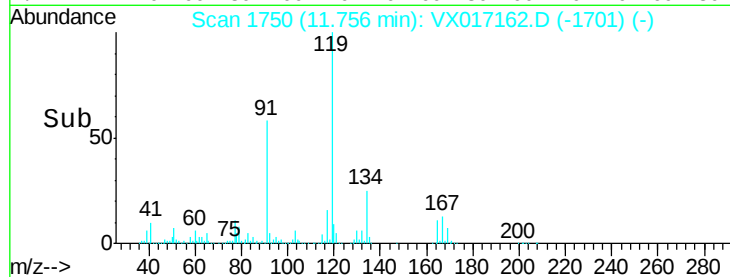
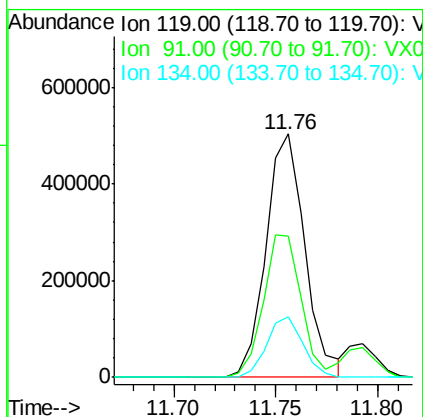
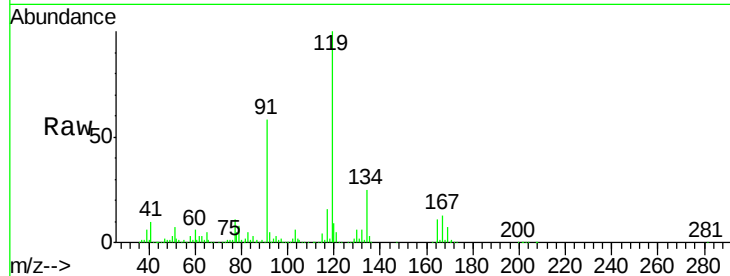




#83
 tert-Butylbenzene
 Concen: 50.056 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

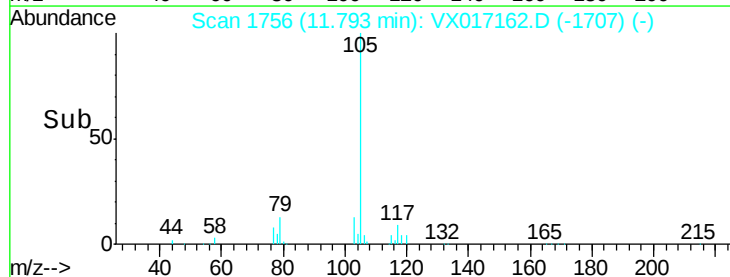
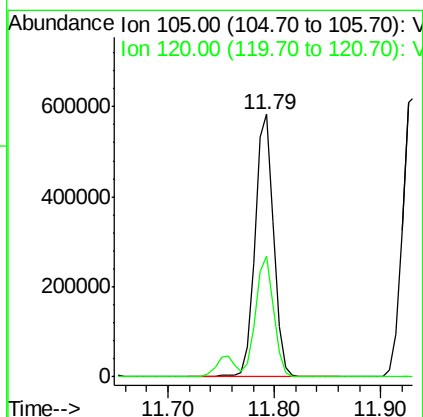
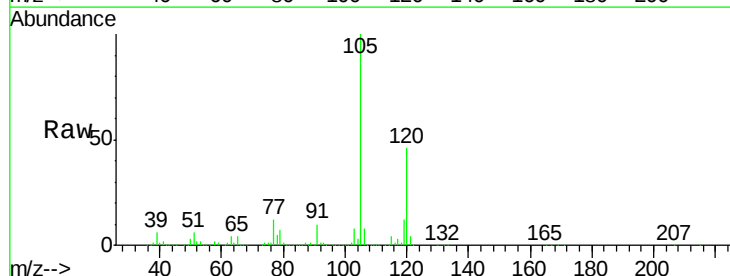
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

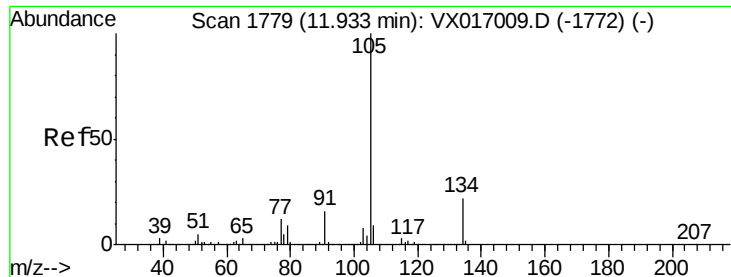
Tgt Ion:119 Resp: 669540
 Ion Ratio Lower Upper
 119 100
 91 56.7 28.3 84.9
 134 23.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.304 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Tgt Ion:105 Resp: 709199
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.9 68.5

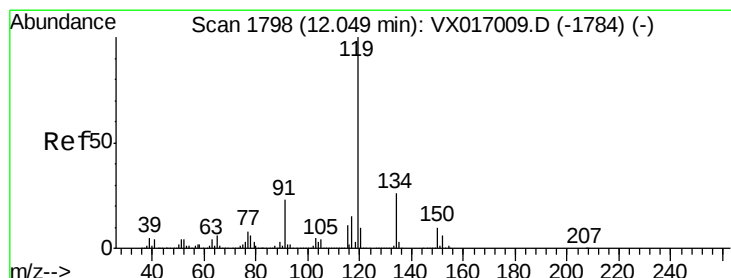
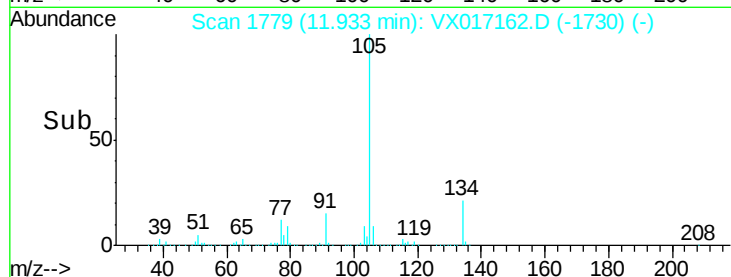
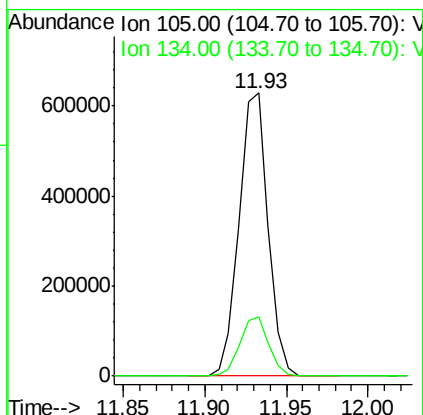
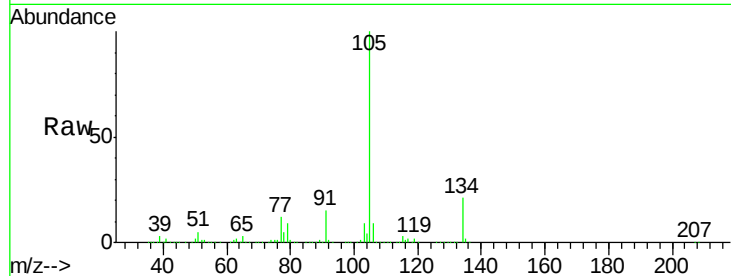




#85
 sec-Butylbenzene
 Concen: 49.583 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

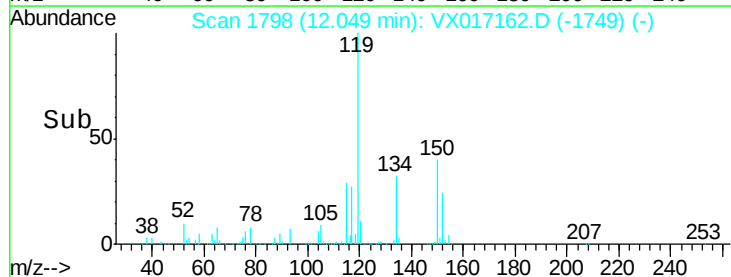
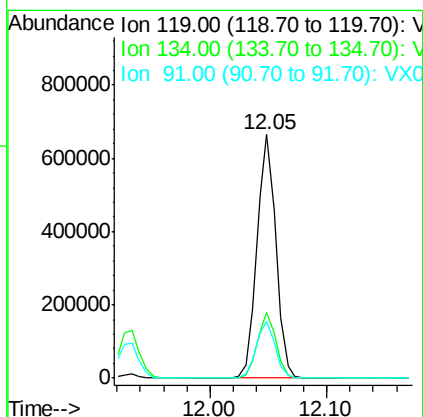
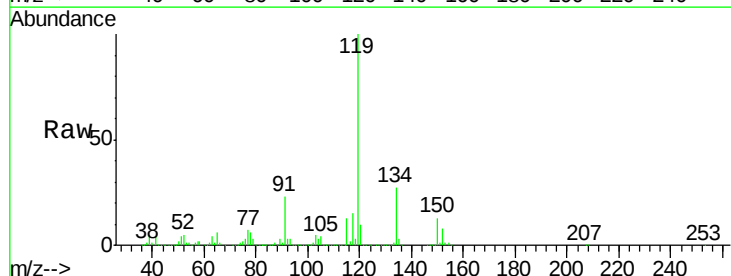
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

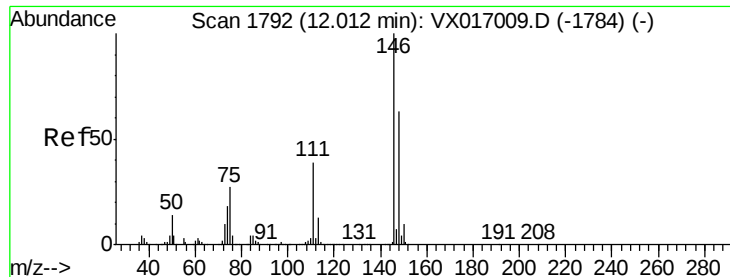
Tgt Ion:105 Resp: 779589
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 51.420 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Tgt Ion:119 Resp: 752630
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 23.6 11.8 35.4

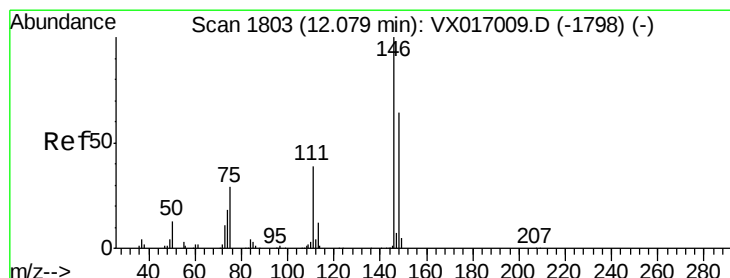
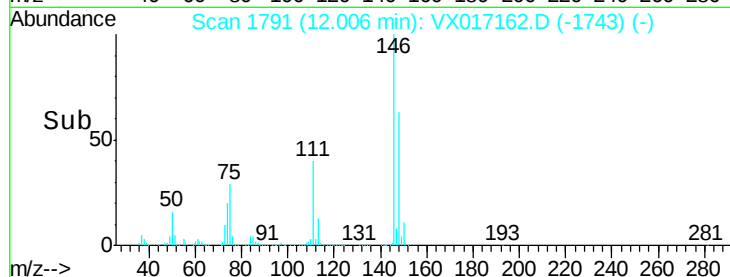
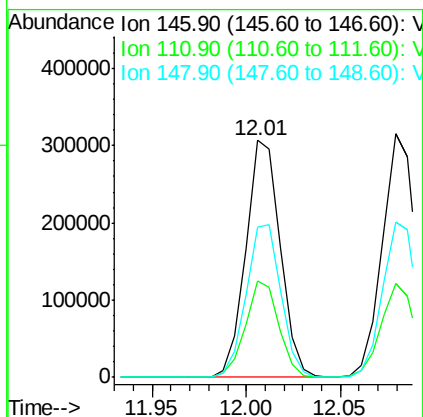
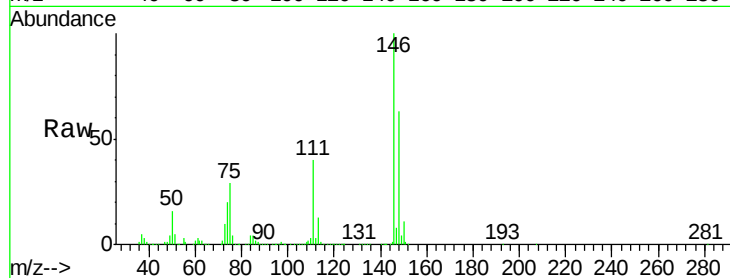




#87
 1,3-Dichlorobenzene
 Concen: 47.479 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

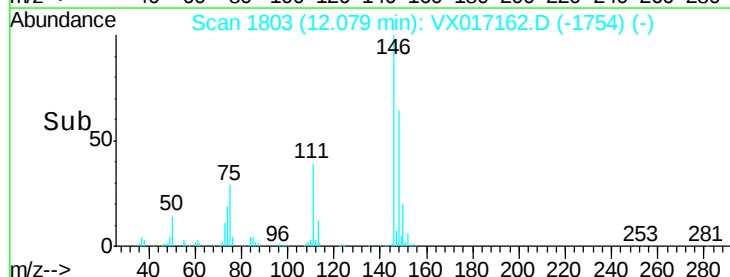
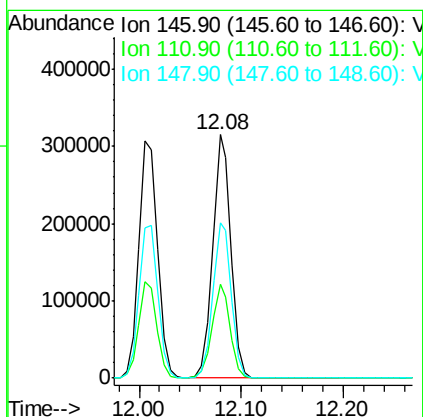
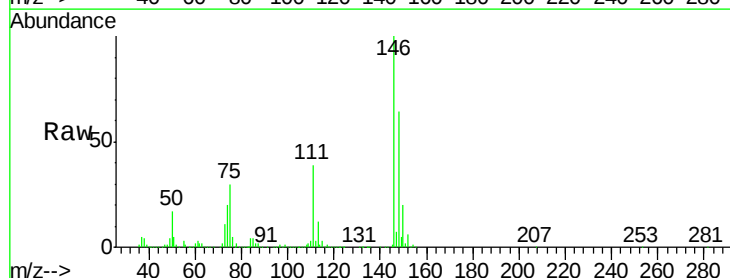
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

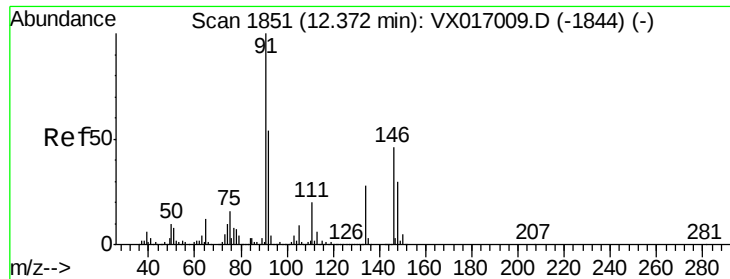
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.4	61.2
148	65.2	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 51.142 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.5	58.5
148	64.8	31.9	95.7

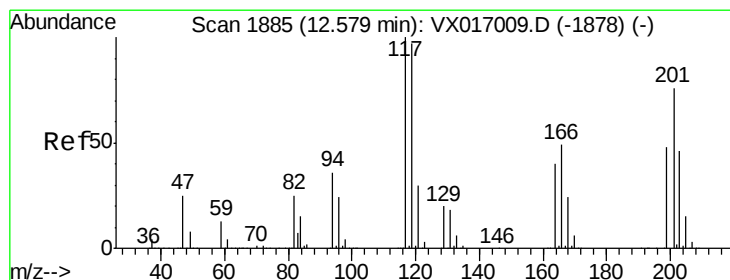
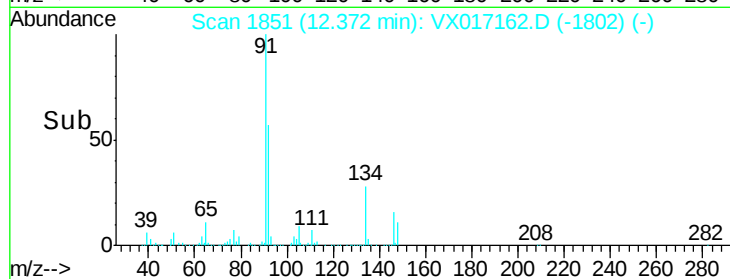
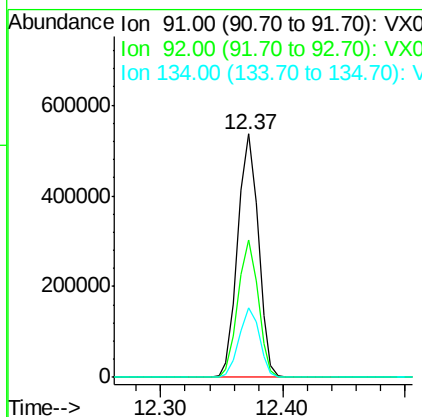
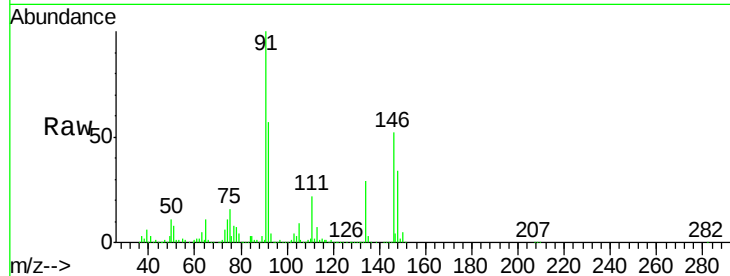




#89
n-Butylbenzene
Concen: 47.501 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

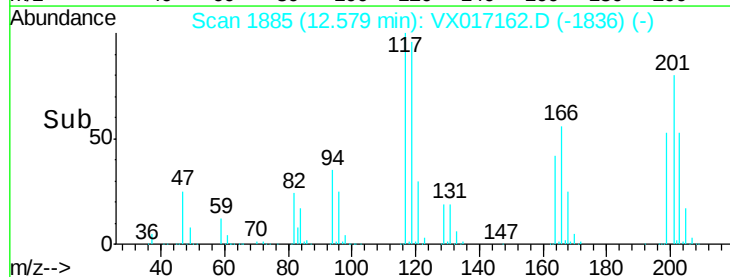
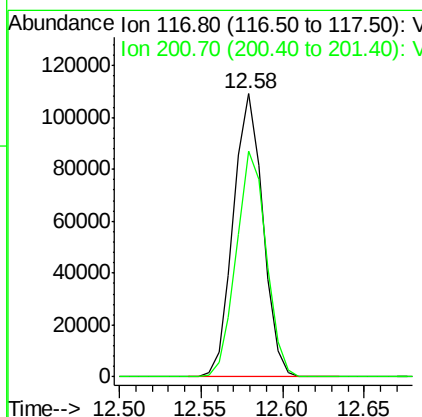
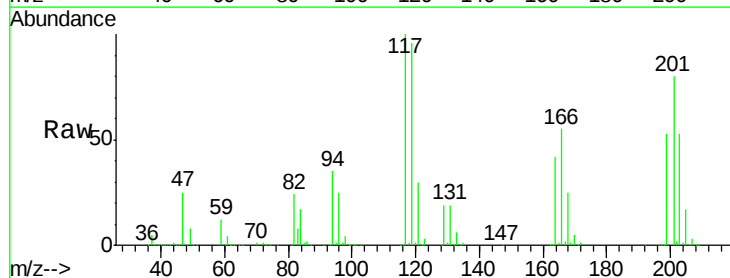
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

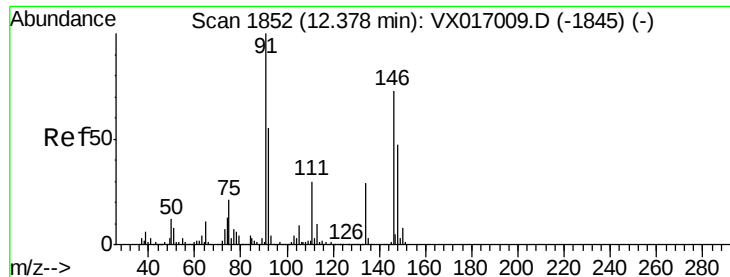
Tgt Ion: 91 Resp: 620806
Ion Ratio Lower Upper
91 100
92 55.8 27.2 81.6
134 28.4 13.6 40.7



#90
Hexachloroethane
Concen: 47.792 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion: 117 Resp: 137948
Ion Ratio Lower Upper
117 100
201 81.3 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 47.146 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

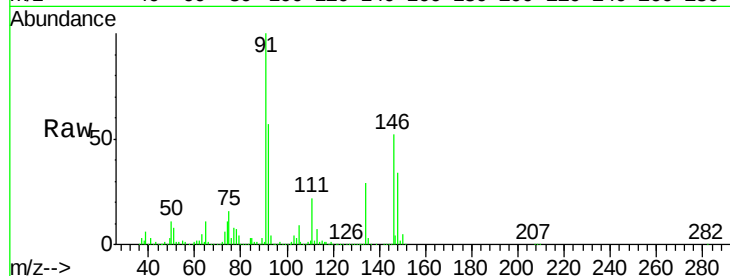
Tgt Ion:146 Resp: 361358

Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.9

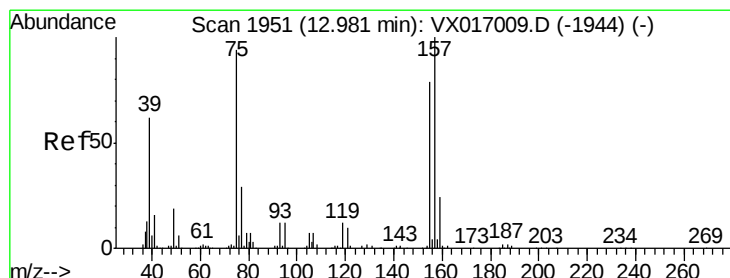
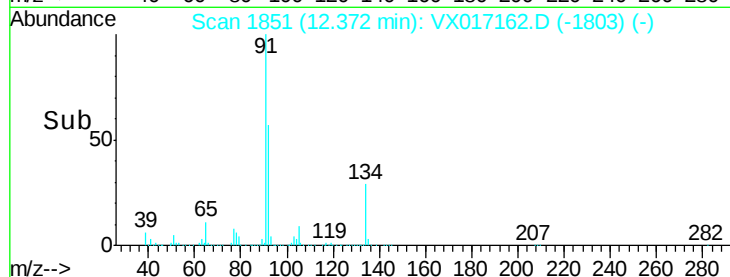
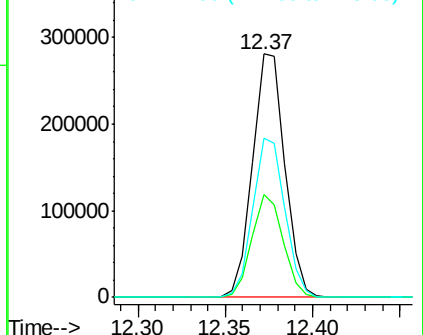
148 64.8 32.4 97.2



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: 42.103 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017162.D

Acq: 06 Jul 2020 12:59

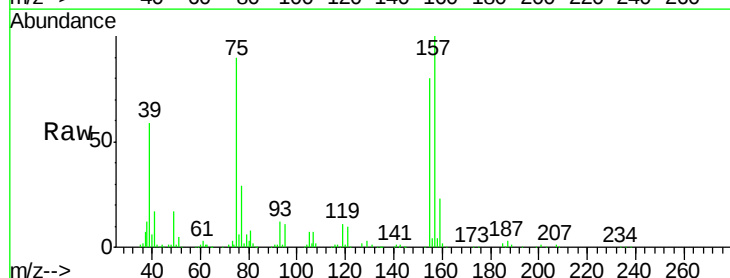
Tgt Ion: 75 Resp: 51899

Ion Ratio Lower Upper

75 100

155 91.4 45.1 135.2

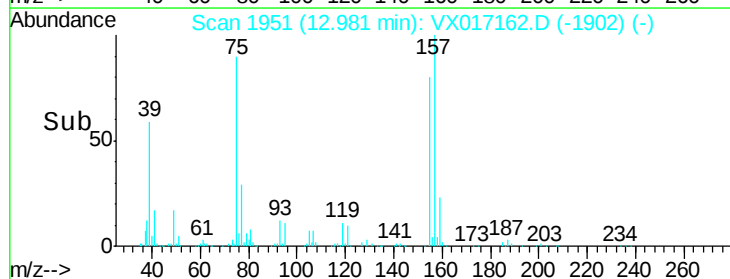
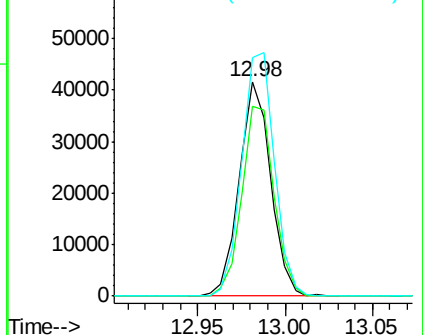
157 118.6 56.5 169.3

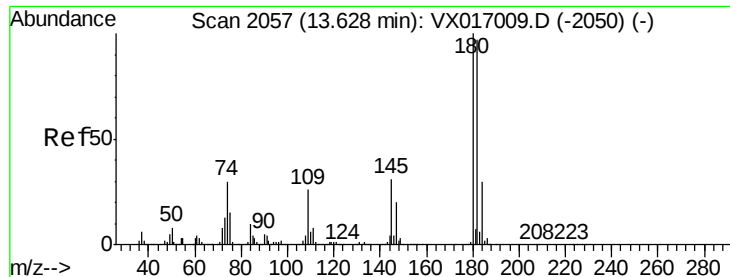


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

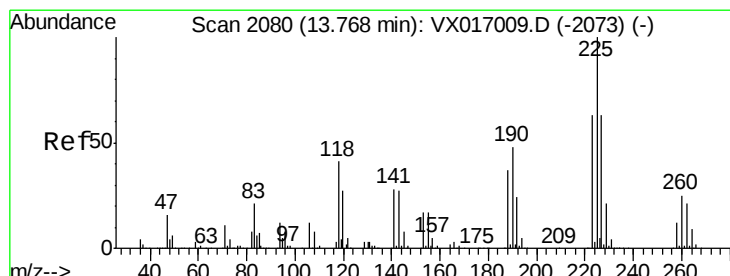
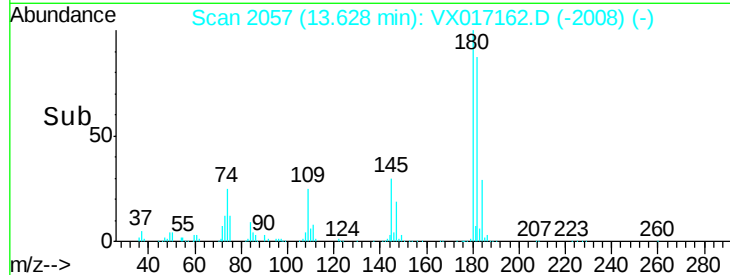
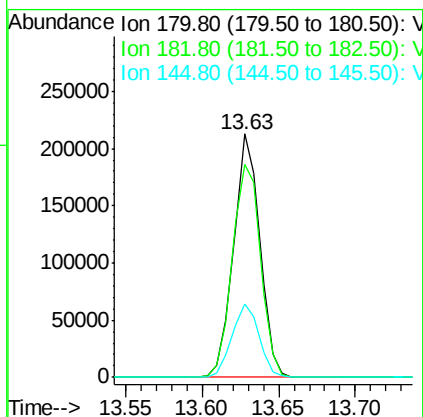
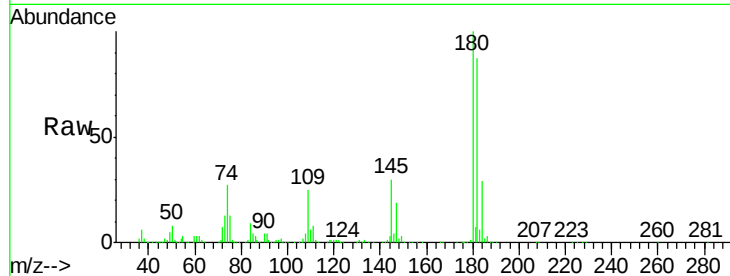




#93
 1,2,4-Trichlorobenzene
 Concen: 48.456 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

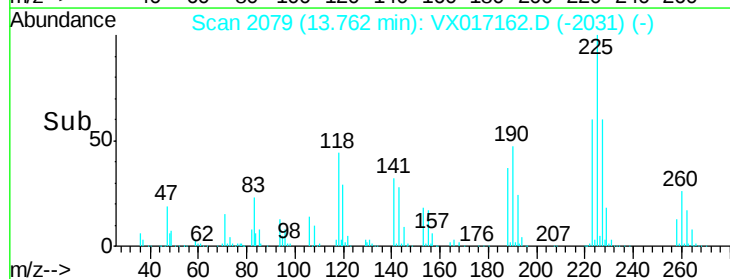
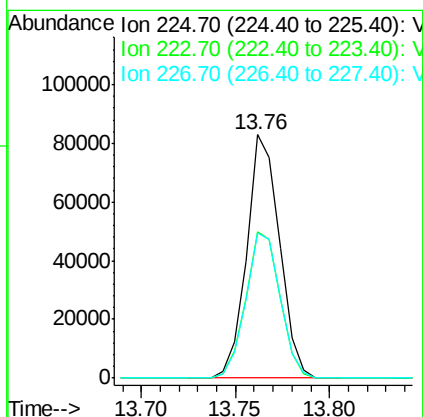
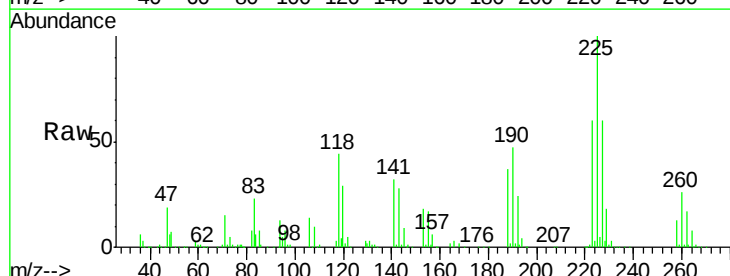
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

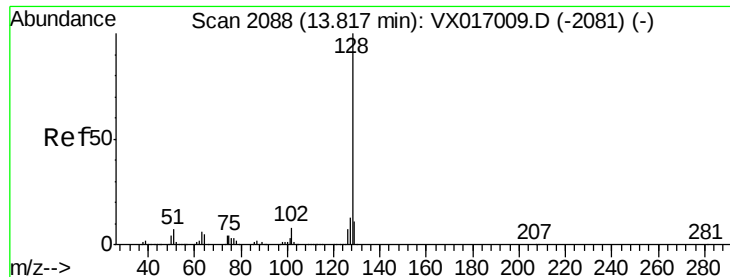
Tgt Ion:180 Resp: 253494
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.3 141.9
 145 31.0 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 50.374 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017162.D
 Acq: 06 Jul 2020 12:59

Tgt Ion:225 Resp: 100027
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.5 97.5
 227 62.6 33.1 99.2

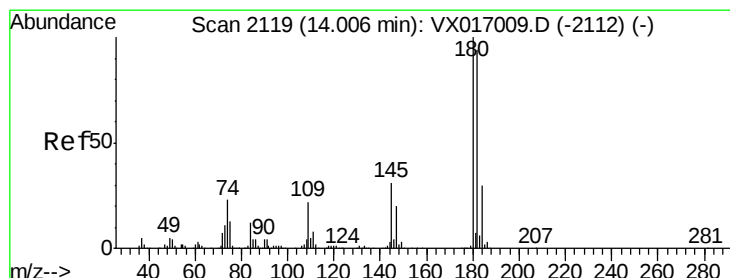
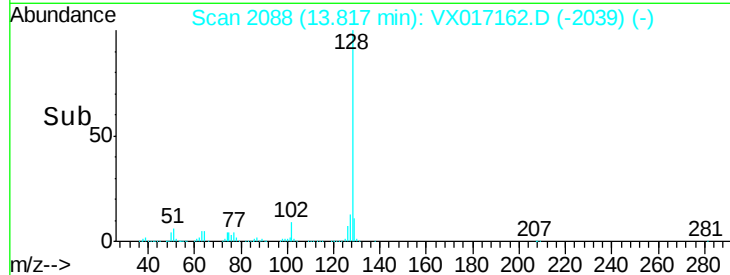
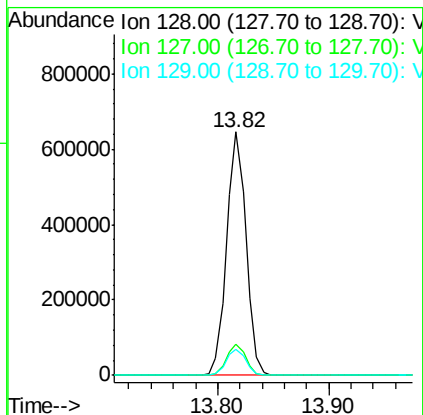
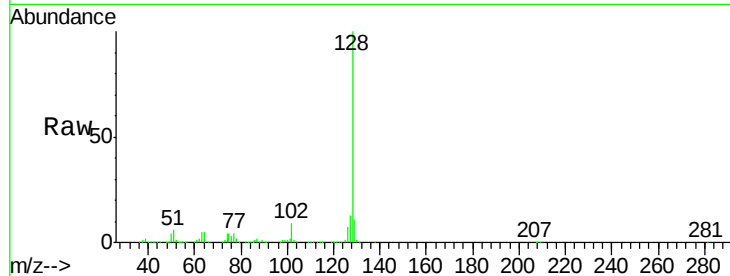




#95
Naphthalene
Concen: 48.849 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 776919
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.734 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017162.D
Acq: 06 Jul 2020 12:59

Tgt Ion:180 Resp: 251794
Ion Ratio Lower Upper
180 100
182 95.9 47.1 141.4
145 33.1 16.6 49.7

