

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017058.D
 Acq On : 30 Jun 2020 20:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 01 08:13:08 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	5.64	168	243789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	384867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	373535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	150563	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	5.47	113	124613	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	8.70	98	450350	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.12	95	181074	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126024	53.434	ug/l	98
3) Chloromethane	1.31	50	137916	48.309	ug/l	98
4) Vinyl Chloride	1.39	62	134633	50.829	ug/l	99
5) Bromomethane	1.62	94	77679	55.508	ug/l	97
6) Chloroethane	1.71	64	80305	51.334	ug/l	98
7) Trichlorofluoromethane	1.92	101	210044	53.618	ug/l	99
8) Diethyl Ether	2.17	74	73724	55.889	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	120830	51.463	ug/l	97
10) Methyl Iodide	2.49	142	146200	48.257	ug/l	98
11) Tert butyl alcohol	3.01	59	152403	265.813	ug/l	99
12) 1,1-Dichloroethene	2.36	96	125751	52.137	ug/l	98
13) Acrolein	2.27	56	82967	242.073	ug/l	100
14) Allyl chloride	2.71	41	221850	49.770	ug/l	99
15) Acrylonitrile	3.12	53	373399	270.912	ug/l	99
16) Acetone	2.42	43	303582	270.018	ug/l	99
17) Carbon Disulfide	2.55	76	358751	53.300	ug/l	100
18) Methyl Acetate	2.75	43	160802	54.788	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	440483	54.414	ug/l	99
20) Methylene Chloride	2.84	84	142562	55.372	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	140602	52.529	ug/l	99
22) Diisopropyl ether	3.82	45	434918	52.717	ug/l	96
23) Vinyl Acetate	3.79	43	1945097	274.370	ug/l	99
24) 1,1-Dichloroethane	3.67	63	248366	52.909	ug/l	99
25) 2-Butanone	4.64	43	506136	270.173	ug/l	99
26) 2,2-Dichloropropane	4.55	77	185911	44.604	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	152390	50.247	ug/l	99
28) Bromochloromethane	4.98	49	114336	50.053	ug/l	96
29) Tetrahydrofuran	5.09	42	334074	269.897	ug/l	99
30) Chloroform	5.18	83	250531	52.063	ug/l	97
31) Cyclohexane	5.55	56	208024	51.268	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	232298	52.417	ug/l	99
36) 1,1-Dichloropropene	5.77	75	186407	51.246	ug/l	99
37) Ethyl Acetate	4.79	43	199255	53.990	ug/l	99
38) Carbon Tetrachloride	5.76	117	213665	53.331	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	210858	52.101	ug/l	98
40) Benzene	6.11	78	551863	51.636	ug/l	100
41) Methacrylonitrile	5.01	41	110829	53.356	ug/l	99
42) 1,2-Dichloroethane	6.17	62	208489	54.007	ug/l	100
43) Isopropyl Acetate	6.42	43	327989	53.482	ug/l	99
44) Trichloroethene	7.19	130	160005	54.280	ug/l	94
45) 1,2-Dichloropropane	7.49	63	143971	52.449	ug/l	98
46) Dibromomethane	7.64	93	100846	53.811	ug/l	98
47) Bromodichloromethane	7.88	83	210486	54.500	ug/l	97
48) Methyl methacrylate	7.74	41	165374	56.759	ug/l	98
49) 1,4-Dioxane	7.71	88	65223	988.119	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	1023475	279.967	ug/l	99
52) Toluene	8.76	92	353944	53.044	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	224730	52.739	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	237440	51.980	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	144951	53.169	ug/l	98
56) Ethyl methacrylate	9.16	69	222360	57.304	ug/l	99
57) 1,3-Dichloropropane	9.35	76	240616	52.159	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	567240	293.722	ug/l	100
59) 2-Hexanone	9.48	43	773148	289.581	ug/l	99
60) Dibromochloromethane	9.57	129	176121	55.621	ug/l	99
61) 1,2-Dibromoethane	9.65	107	158033	53.928	ug/l	100
64) Tetrachloroethene	9.32	164	148478	49.252	ug/l	96
65) Chlorobenzene	10.12	112	389323	50.499	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	154620	52.040	ug/l	98
67) Ethyl Benzene	10.23	91	682029	52.973	ug/l	100
68) m/p-Xylenes	10.34	106	529278	107.064	ug/l	99
69) o-Xylene	10.68	106	250252	53.213	ug/l	97
70) Styrene	10.70	104	445628	55.645	ug/l	99
71) Bromoform	10.84	173	134116	56.923	ug/l #	99
73) Isopropylbenzene	11.00	105	676850	52.100	ug/l	100
74) N-amyl acetate	10.88	43	296405	53.470	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	210207	51.439	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	261657	67.087	ug/l	86
77) Bromobenzene	11.24	156	184260	51.606	ug/l	98
78) n-propylbenzene	11.34	91	754790	51.377	ug/l	100
79) 2-Chlorotoluene	11.40	91	457622	51.469	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	577580	53.598	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	75309	50.003	ug/l	97
82) 4-Chlorotoluene	11.49	91	549184	51.669	ug/l	99
83) tert-Butylbenzene	11.76	119	563205	53.241	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	588496	53.831	ug/l	100
85) sec-Butylbenzene	11.93	105	644977	51.870	ug/l	100
86) p-Isopropyltoluene	12.05	119	617967	53.385	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	319817	49.318	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	318895	52.154	ug/l	98
89) n-Butylbenzene	12.37	91	514462	49.774	ug/l	100
90) Hexachloroethane	12.58	117	117570	51.504	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	305063	50.327	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49245	50.514	ug/l	98

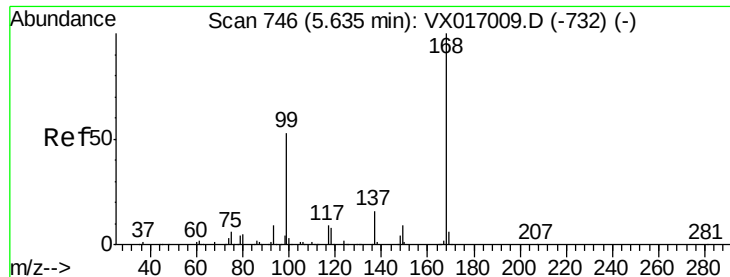
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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	207244	50.091	ug/l	100
94) Hexachlorobutadiene	13.77	225	75035	47.824	ug/l	100
95) Naphthalene	13.82	128	686766	54.600	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	207254	51.762	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

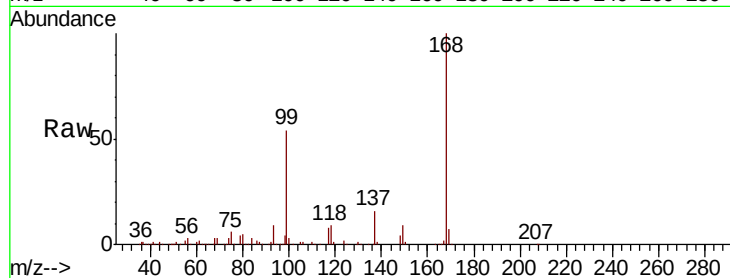
VSTDCCC050EC

Tot Ion:168 Resp: 243789

Ion Ratio Lower Upper

168 100

99 54.0 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

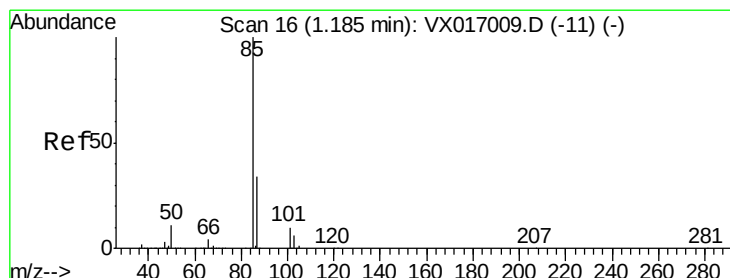
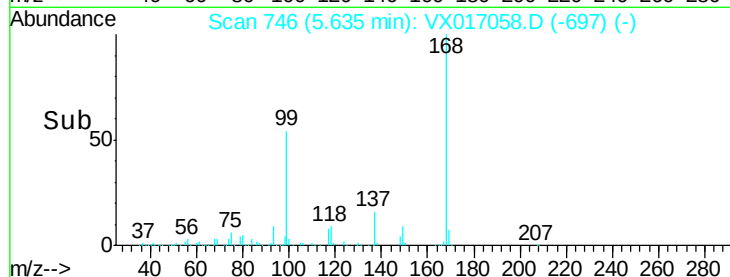
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.434 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017058.D

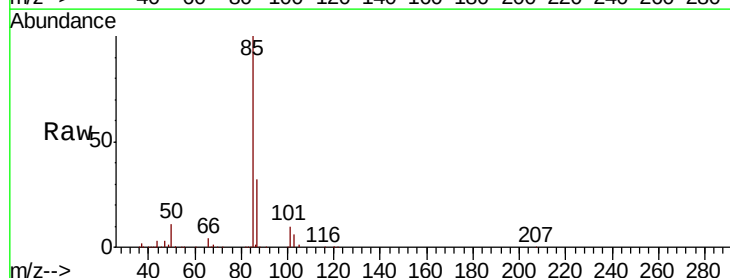
Acq: 30 Jun 2020 20:12

Tgt Ion: 85 Resp: 126024

Ion Ratio Lower Upper

85 100

87 32.5 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

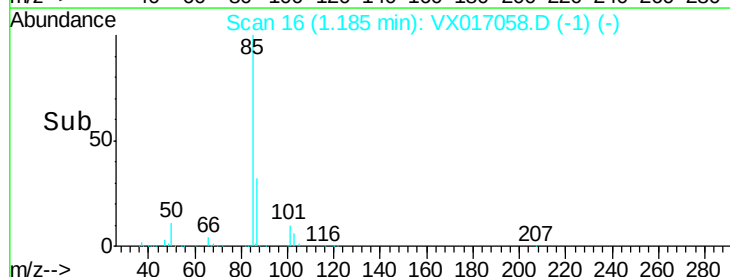
100000

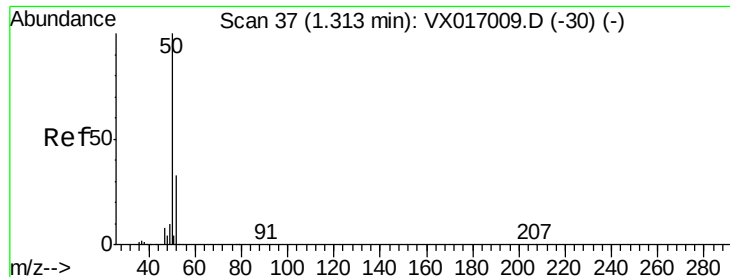
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 48.309 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

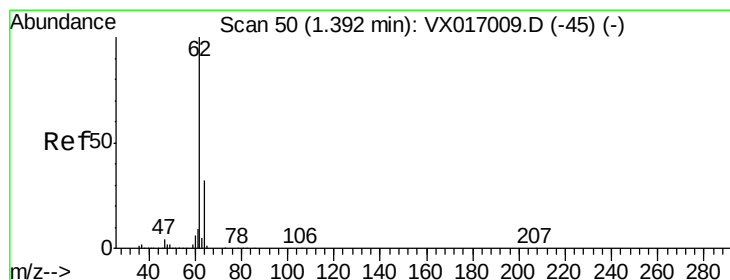
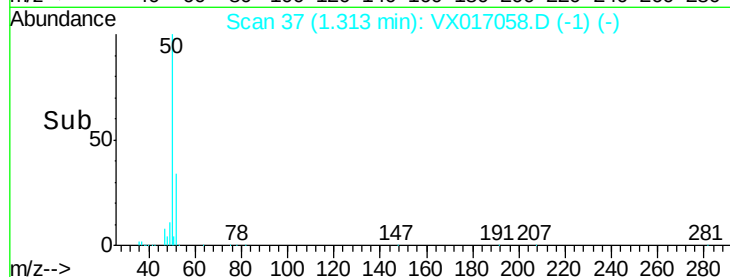
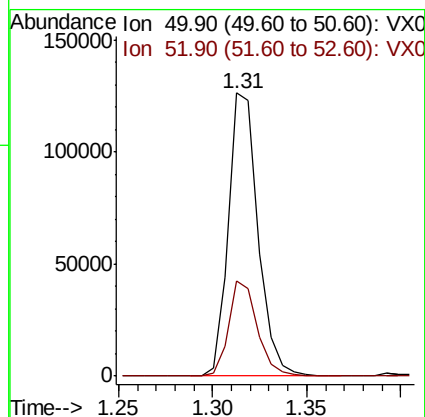
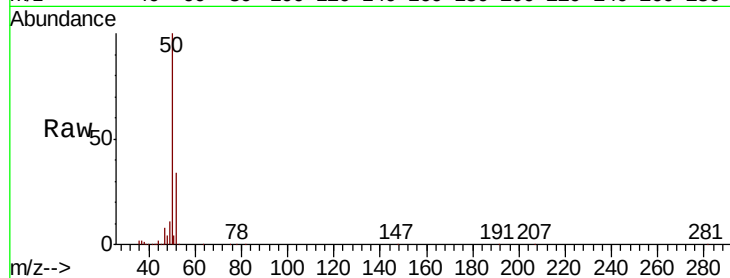
VSTDCCC050EC

Tot Ion: 50 Resp: 137916

Ion Ratio Lower Upper

50 100

52 33.6 26.1 39.1



#4

Vinyl Chloride

Concen: 50.829 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017058.D

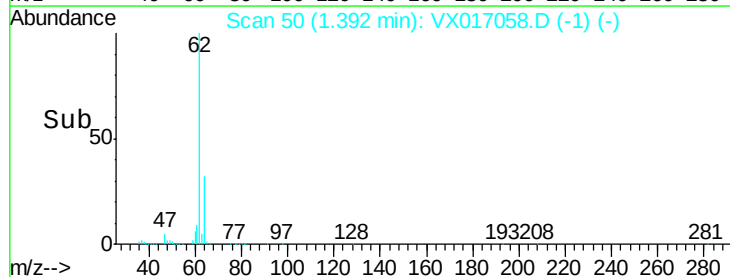
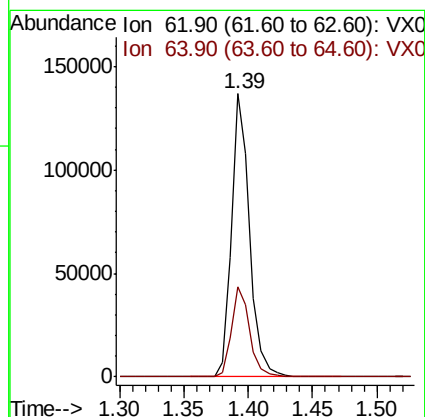
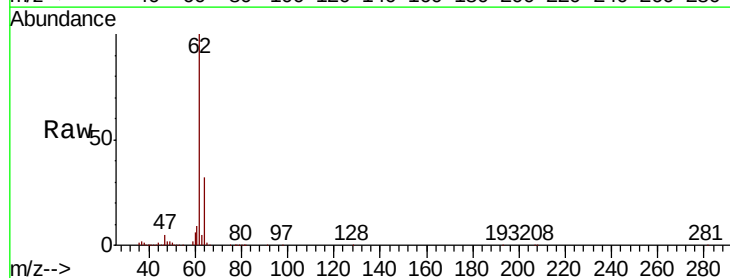
Acq: 30 Jun 2020 20:12

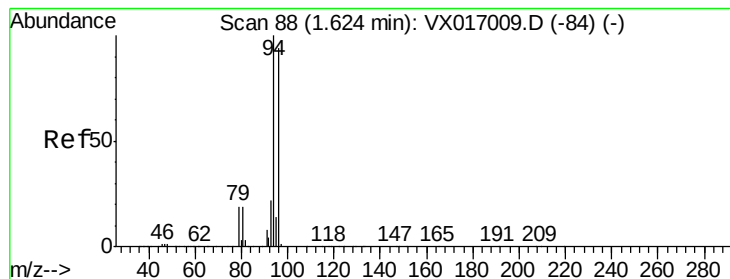
Tgt Ion: 62 Resp: 134633

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 55.508 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

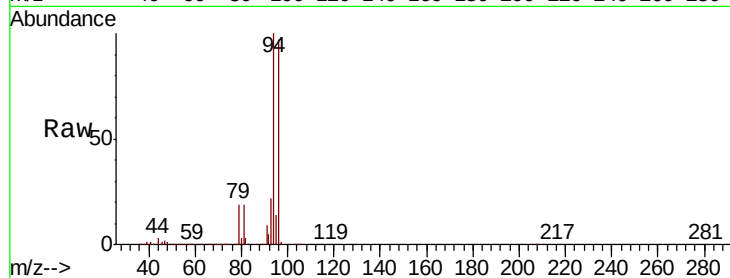
VSTDCCC050EC

Tot Ion: 94 Resp: 77679

Ion Ratio Lower Upper

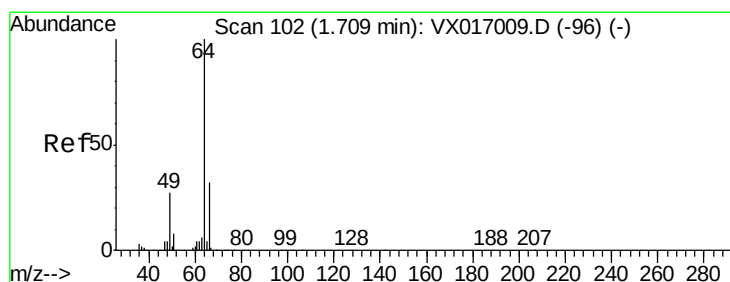
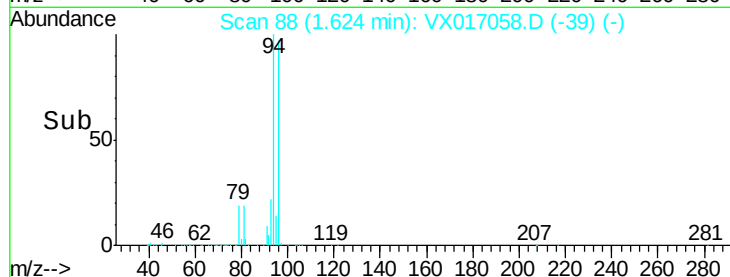
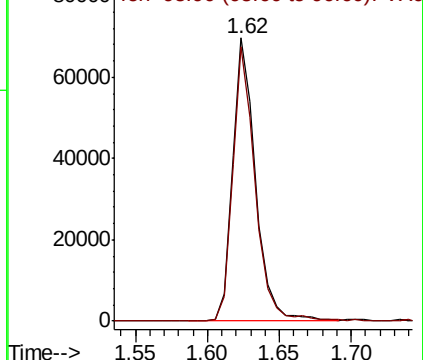
94 100

96 96.9 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.334 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017058.D

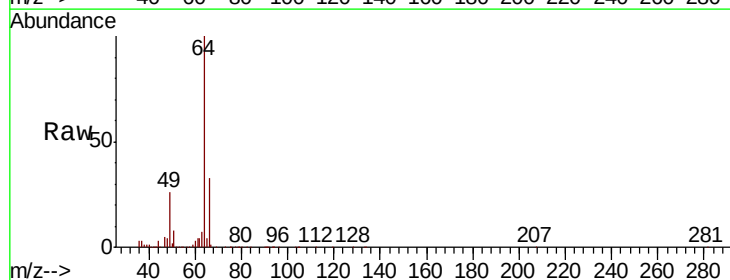
Acq: 30 Jun 2020 20:12

Tgt Ion: 64 Resp: 80305

Ion Ratio Lower Upper

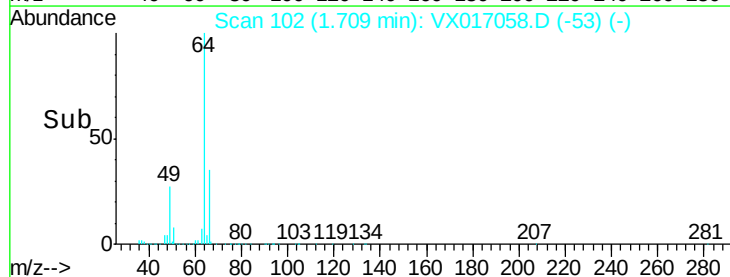
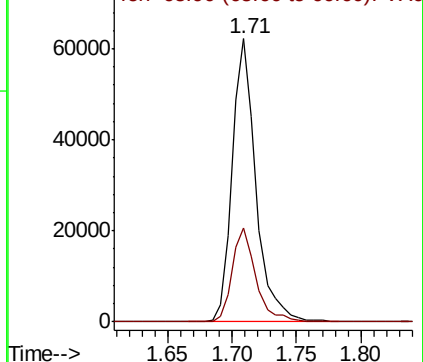
64 100

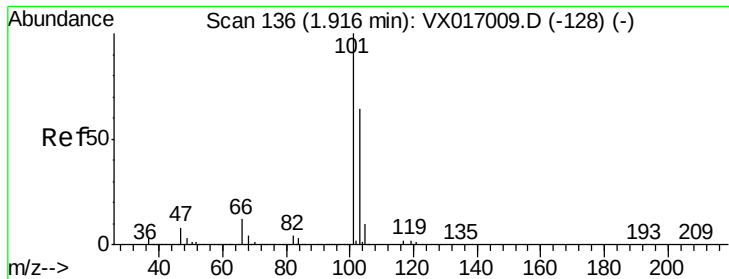
66 33.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



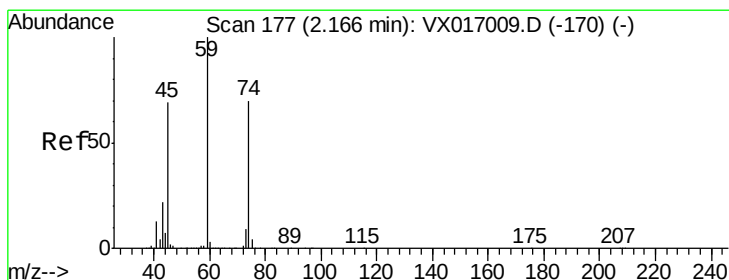
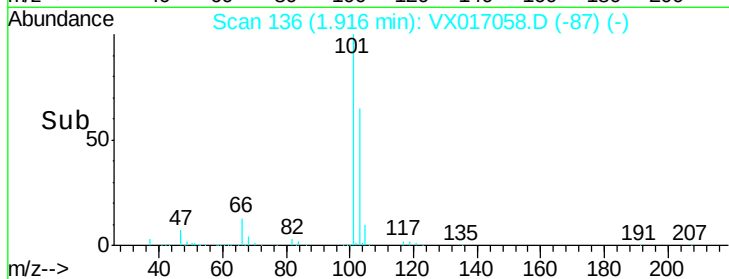
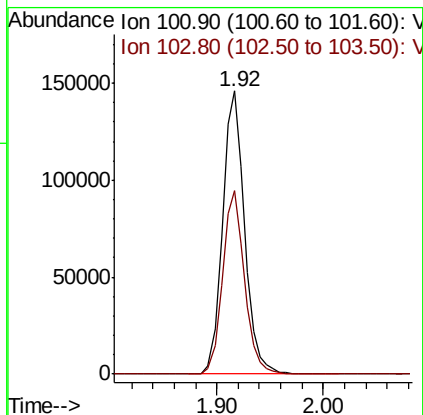
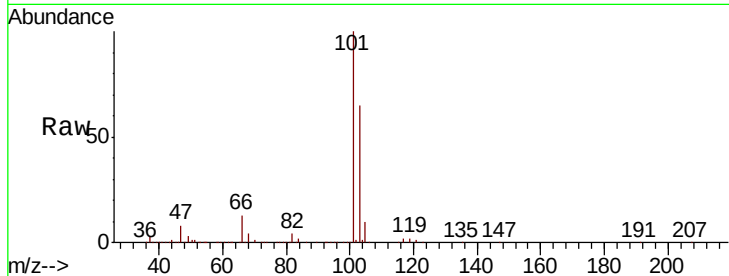


#7

Trichlorofluoromethane
 Concen: 53.618 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Instrument :
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 VSTDCCC050EC

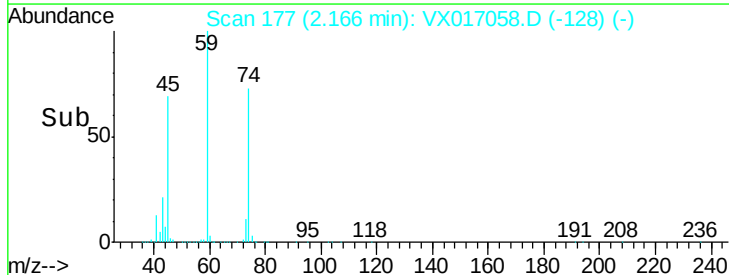
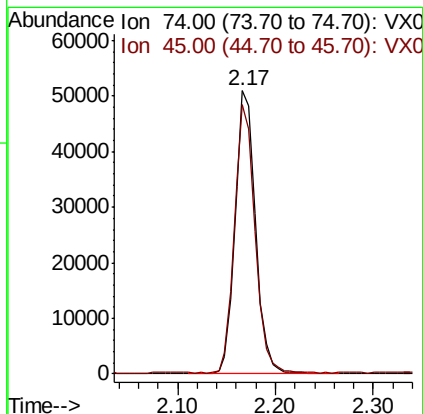
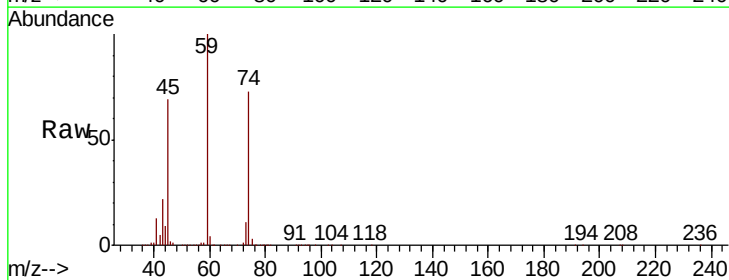
Tot Ion:101 Resp: 210044
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.5 77.3

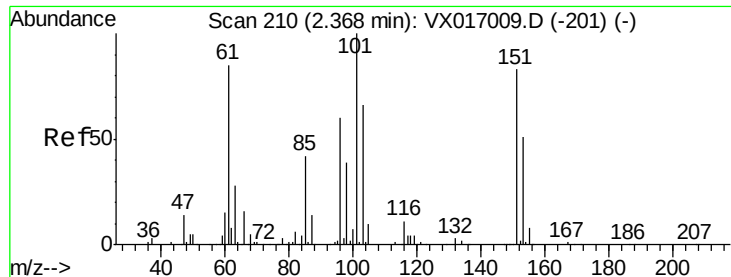


#8

Diethyl Ether
 Concen: 55.889 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Tgt Ion: 74 Resp: 73724
 Ion Ratio Lower Upper
 74 100
 45 95.7 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.463 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

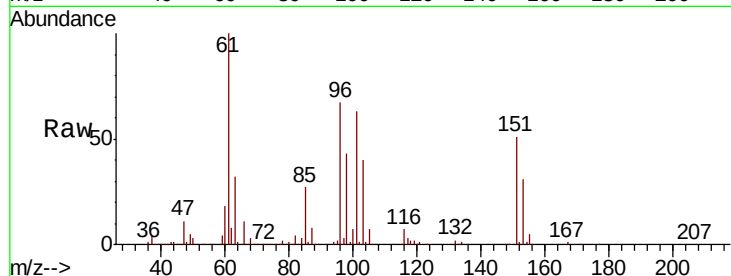
Tot Ion:101 Resp: 120830

Ion Ratio Lower Upper

101 100

85 43.1 33.5 50.3

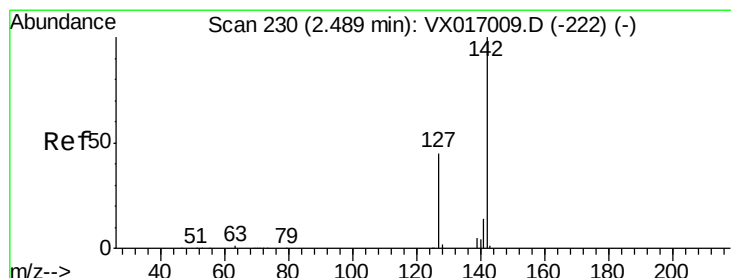
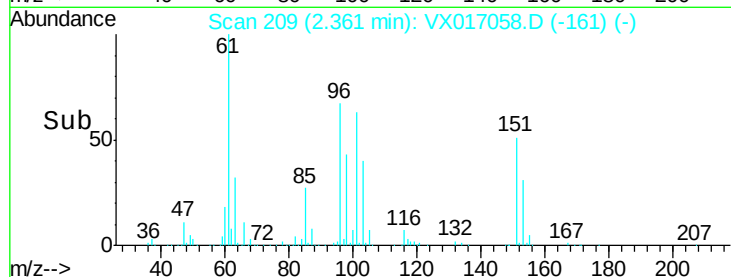
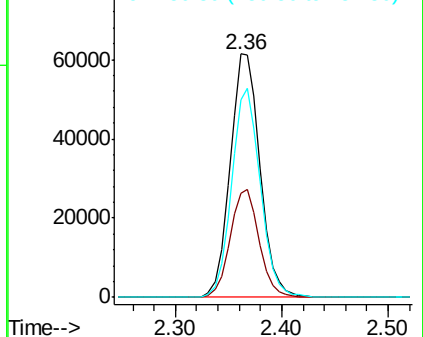
151 82.6 63.8 95.6



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: 48.257 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

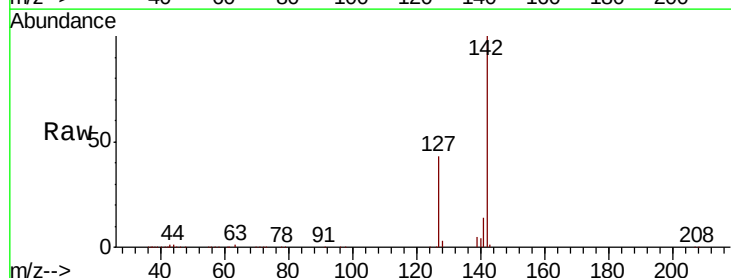
Tgt Ion:142 Resp: 146200

Ion Ratio Lower Upper

142 100

127 44.0 36.6 54.8

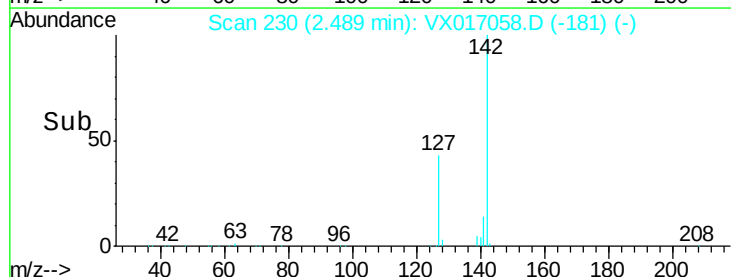
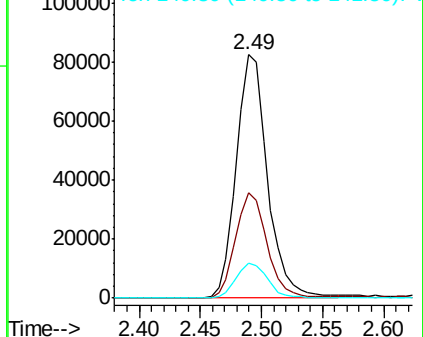
141 14.9 11.6 17.4

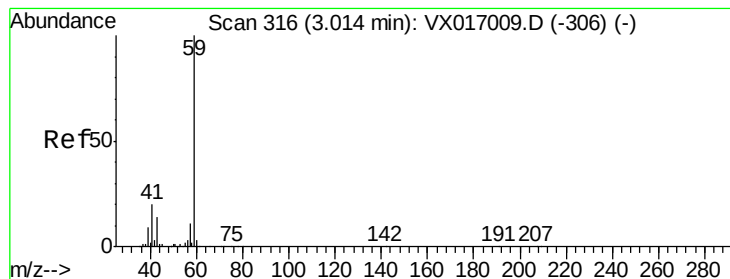


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



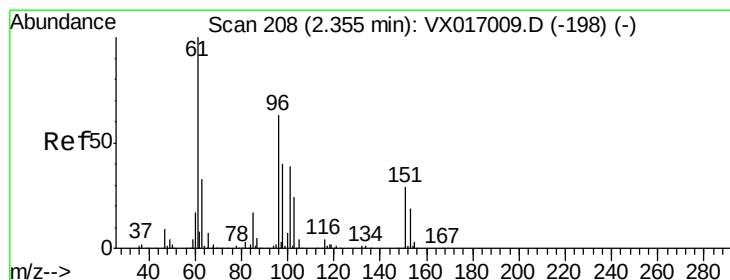
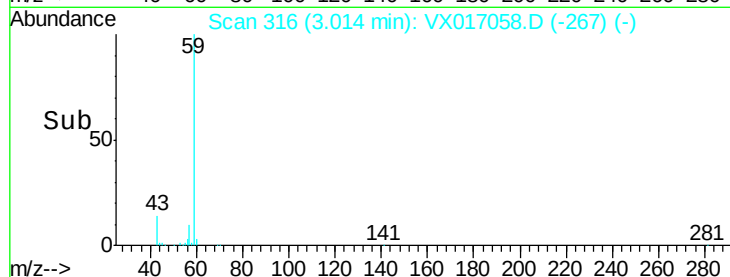
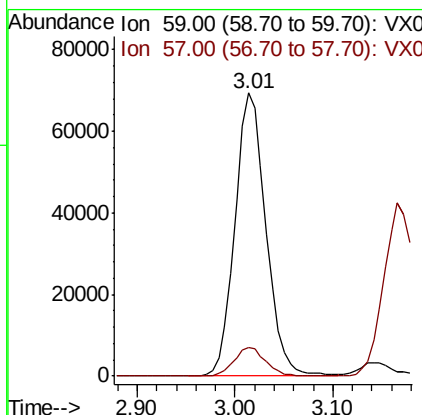
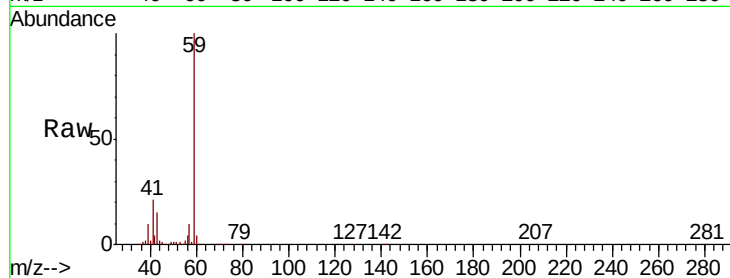


#11

Tert butyl alcohol
 Concen: 265.813 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

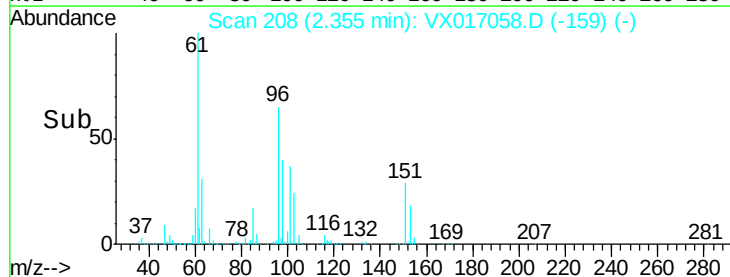
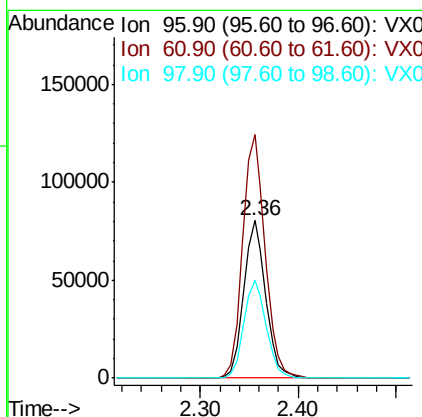
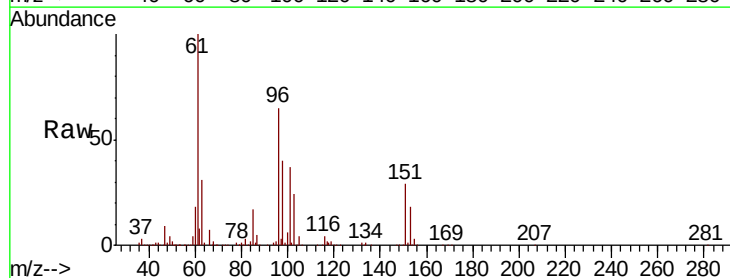
Tot Ion: 59 Resp: 152403
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

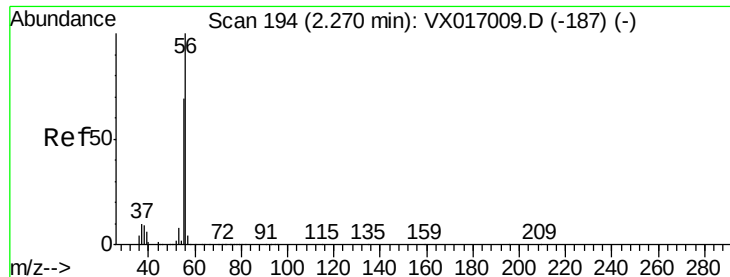


#12

1,1-Dichloroethene
 Concen: 52.137 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Tgt Ion: 96 Resp: 125751
 Ion Ratio Lower Upper
 96 100
 61 154.5 126.3 189.5
 98 62.4 51.0 76.6





#13

Acrolein

Concen: 242.073 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

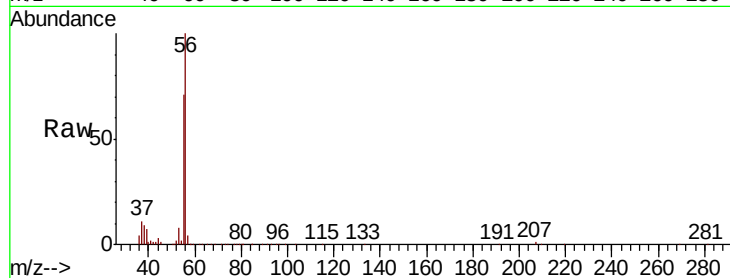
VSTDCCC050EC

Tot Ion: 56 Resp: 82967

Ion Ratio Lower Upper

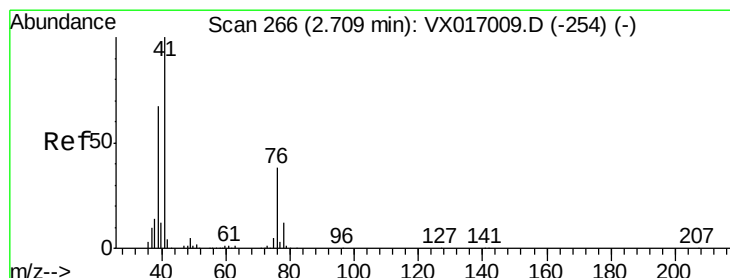
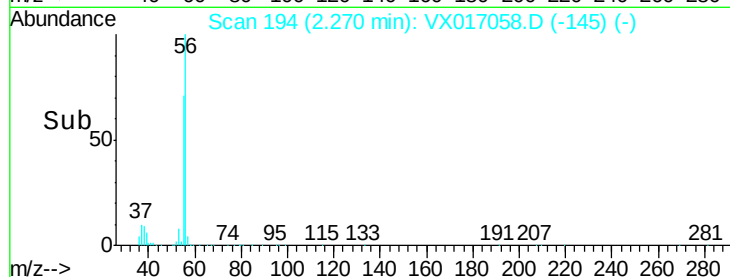
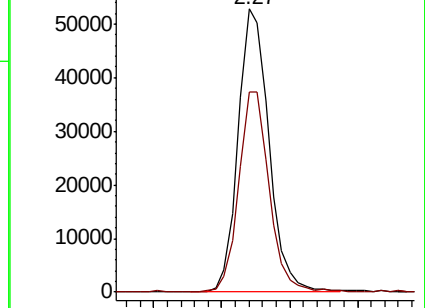
56 100

55 69.9 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: 49.770 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

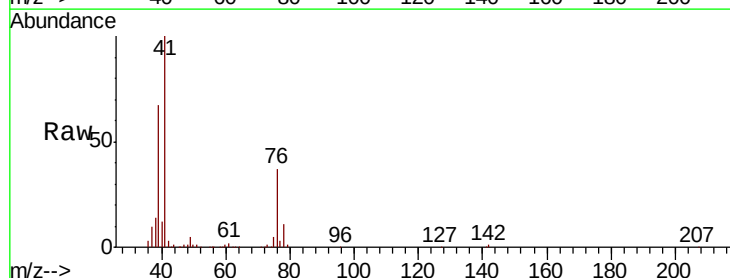
Tgt Ion: 41 Resp: 221850

Ion Ratio Lower Upper

41 100

39 63.1 49.4 74.2

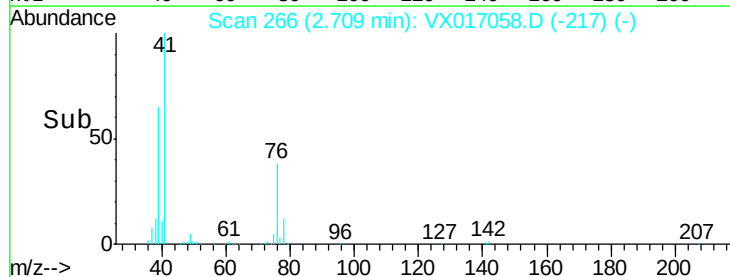
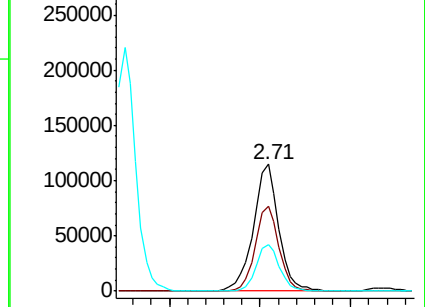
76 33.6 26.8 40.2

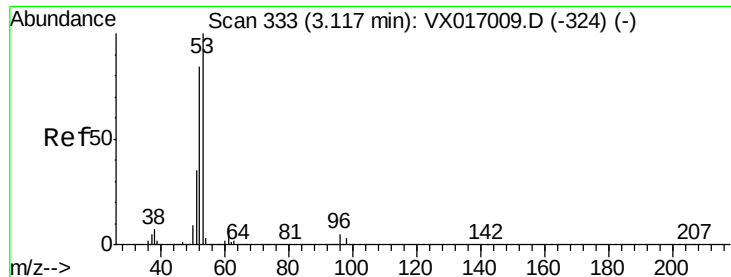


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 270.912 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

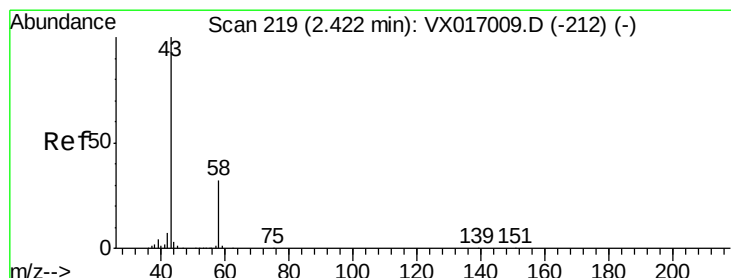
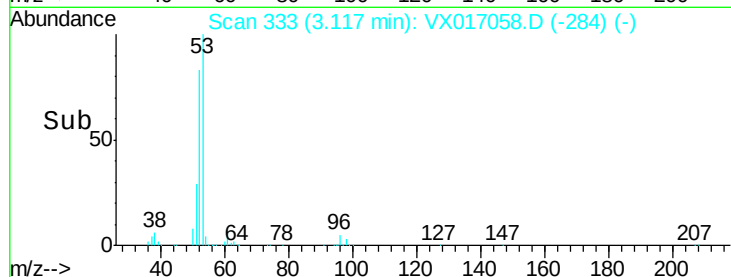
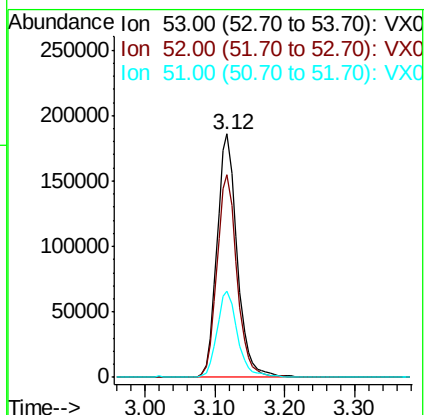
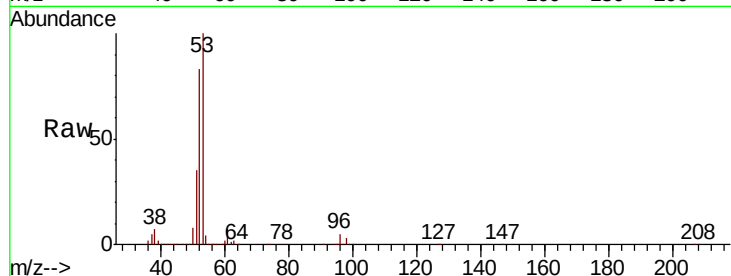
Tot Ion: 53 Resp: 373399

Ion Ratio Lower Upper

53 100

52 82.3 65.6 98.4

51 36.2 28.3 42.5



#16

Acetone

Concen: 270.018 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017058.D

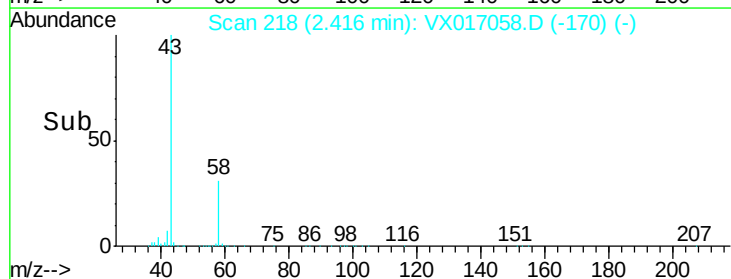
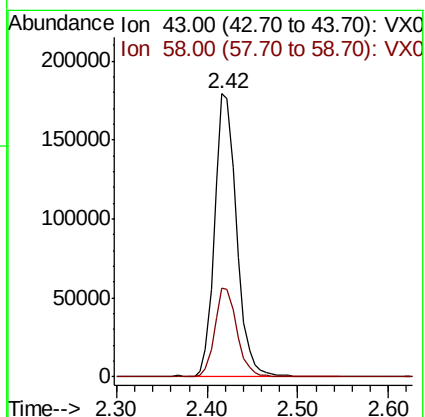
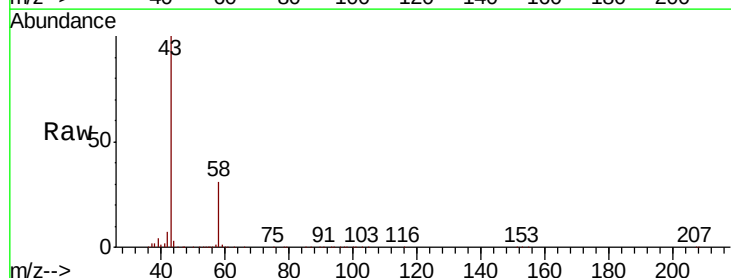
Acq: 30 Jun 2020 20:12

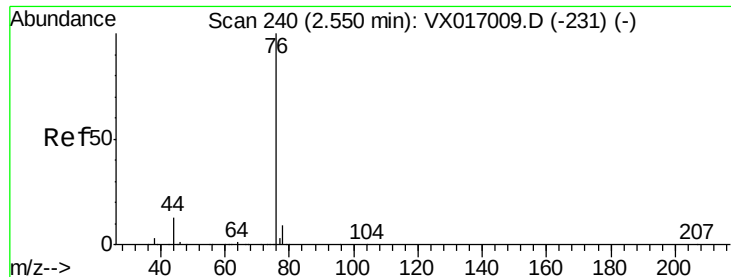
Tgt Ion: 43 Resp: 303582

Ion Ratio Lower Upper

43 100

58 31.3 25.7 38.5

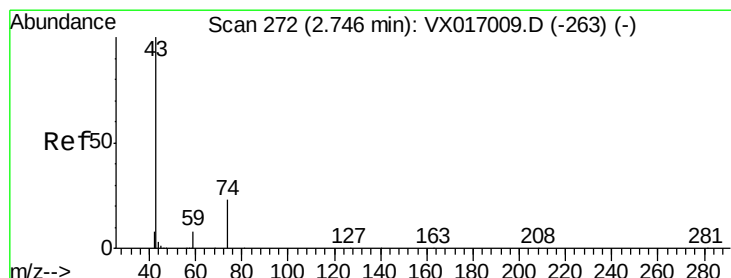
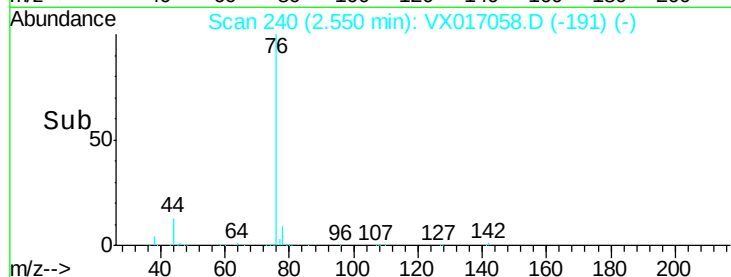
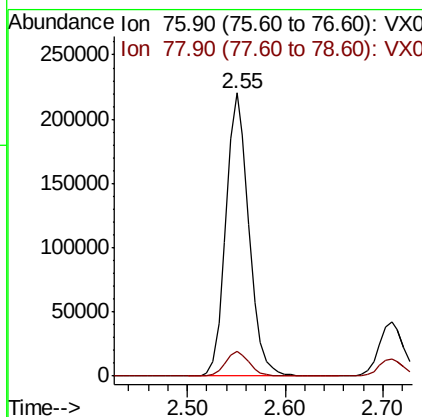
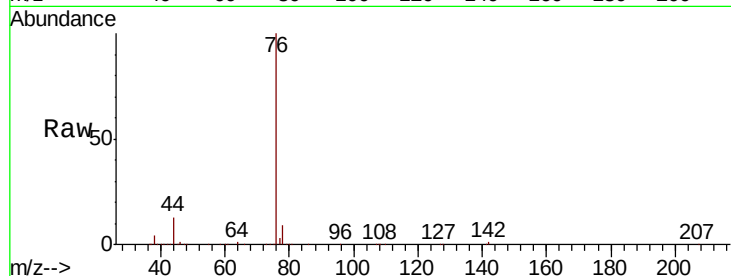




#17
Carbon Disulfide
Concen: 53.300 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

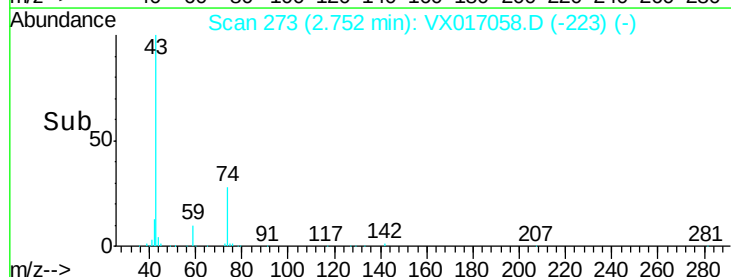
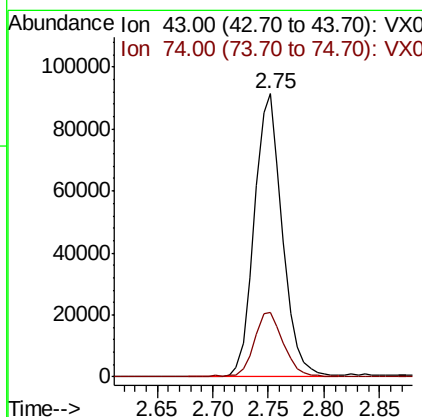
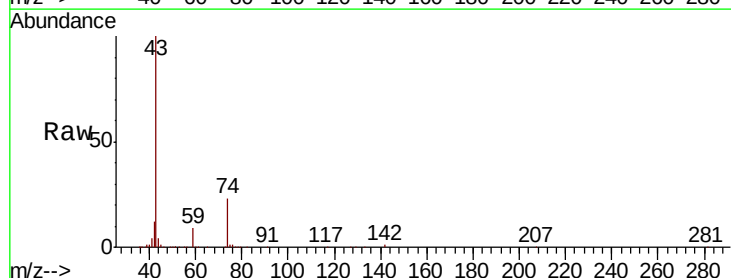
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

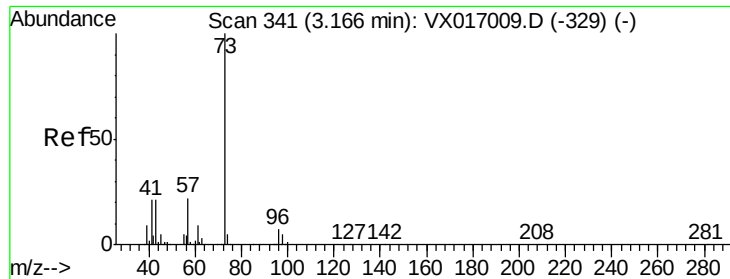
Tot Ion: 76 Resp: 358751
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 54.788 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Tgt Ion: 43 Resp: 160802
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9



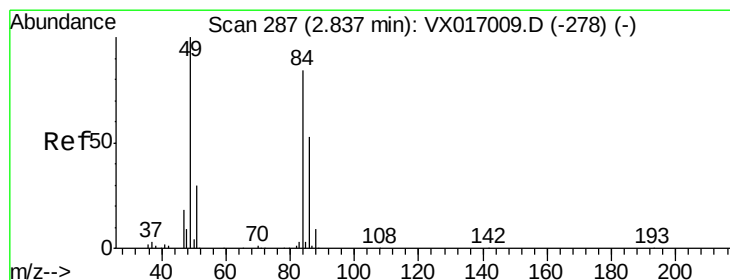
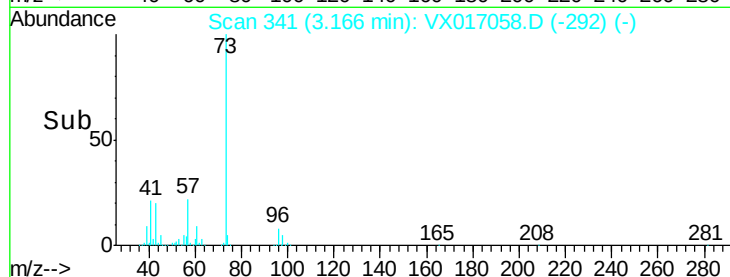
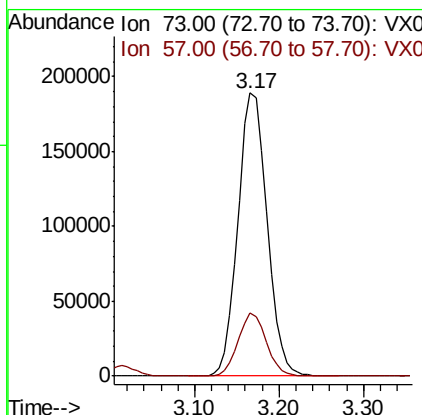
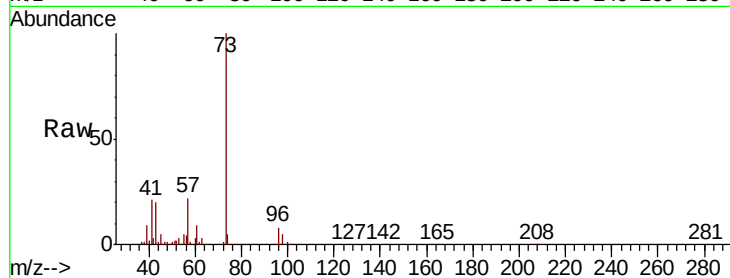


#19

Methyl tert-butyl Ether
 Concen: 54.414 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

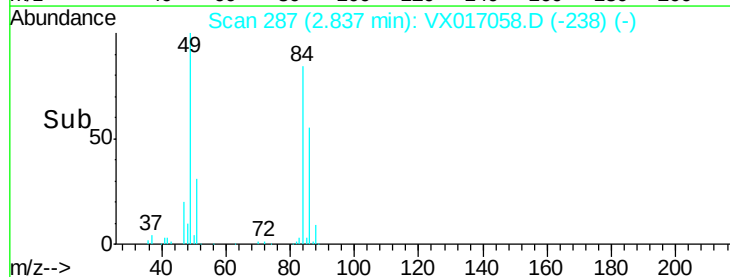
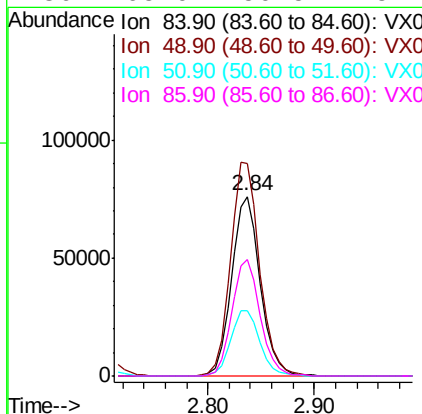
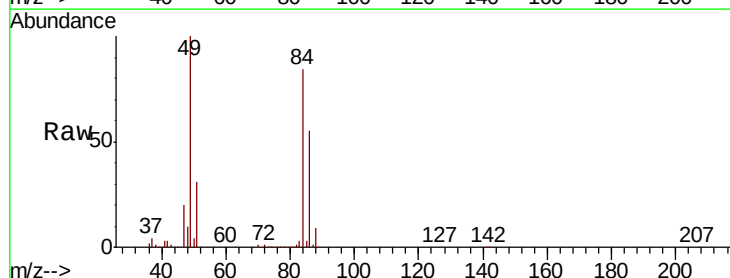
Tot Ion: 73 Resp: 440483
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.6 26.4

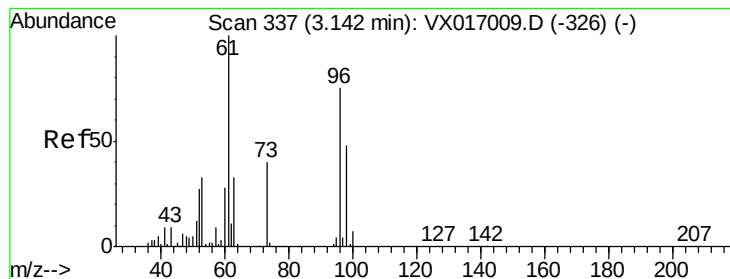


#20

Methylene Chloride
 Concen: 55.372 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Tgt Ion: 84 Resp: 142562
 Ion Ratio Lower Upper
 84 100
 49 118.6 94.7 142.1
 51 36.2 28.6 42.8
 86 65.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 52.529 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

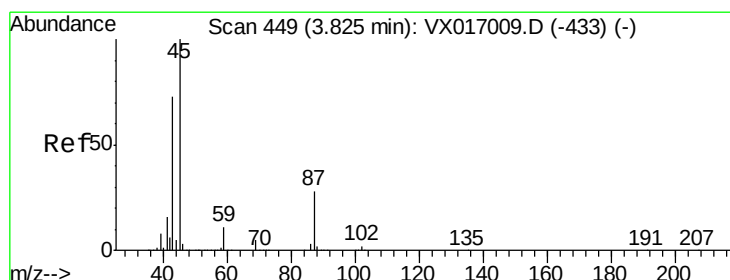
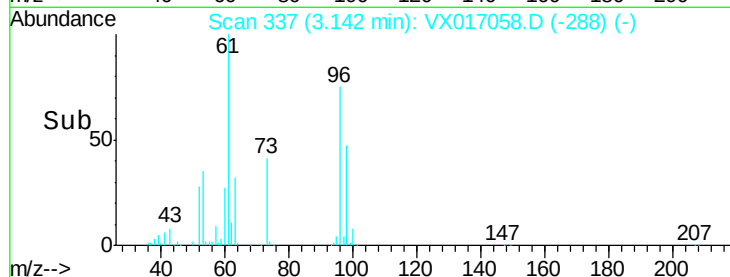
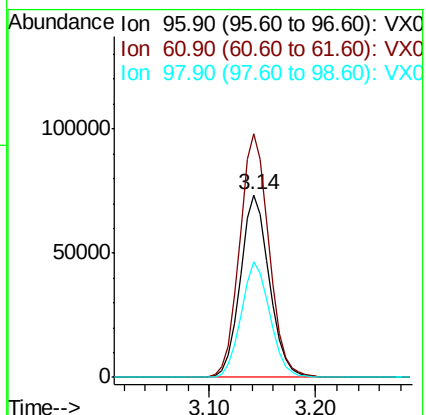
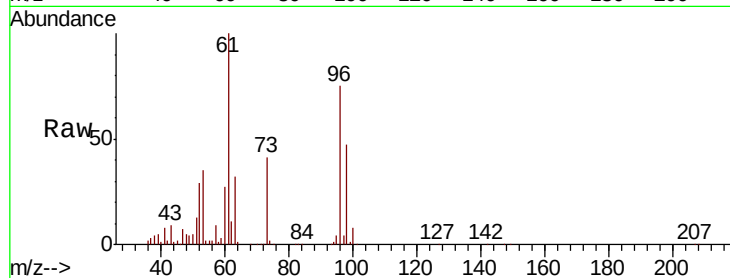
Tot Ion: 96 Resp: 140602

Ion Ratio Lower Upper

96 100

61 133.5 107.0 160.6

98 63.4 51.6 77.4



#22

Diisopropyl ether

Concen: 52.717 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Tgt Ion: 45 Resp: 434918

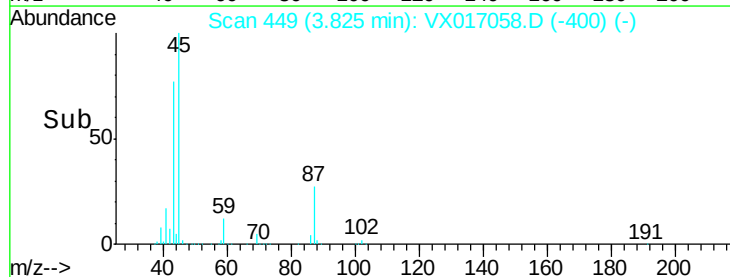
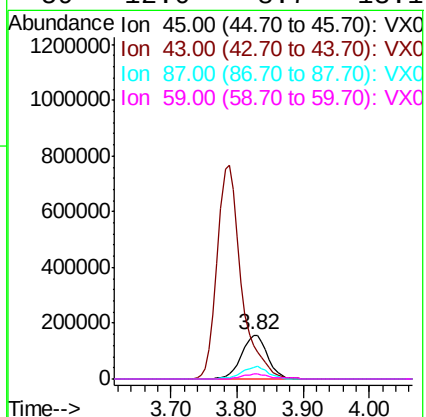
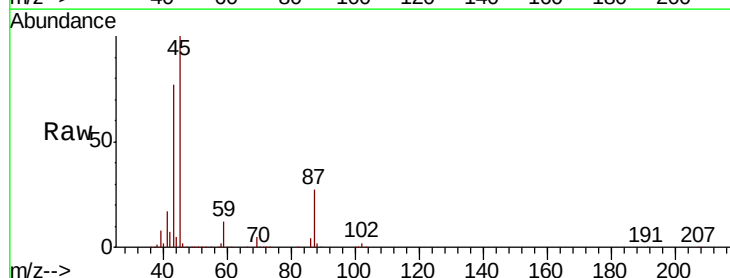
Ion Ratio Lower Upper

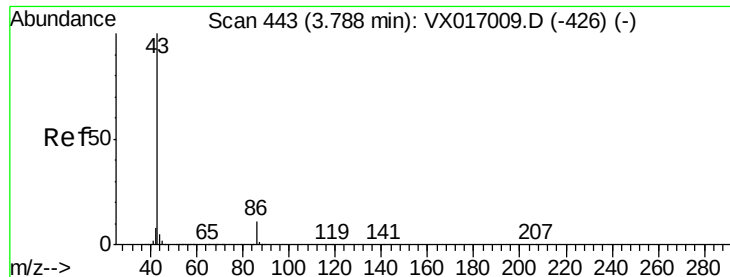
45 100

43 77.0 58.6 88.0

87 27.2 22.6 34.0

59 12.0 8.7 13.1





#23

Vinyl Acetate

Concen: 274.370 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

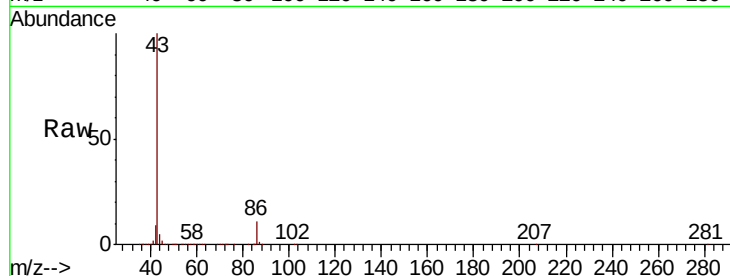
VSTDCCC050EC

Tot Ion: 43 Resp: 1945097

Ion Ratio Lower Upper

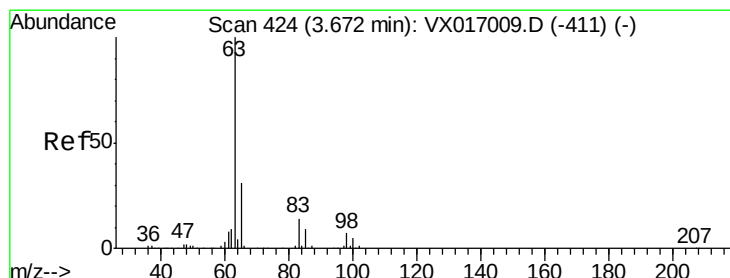
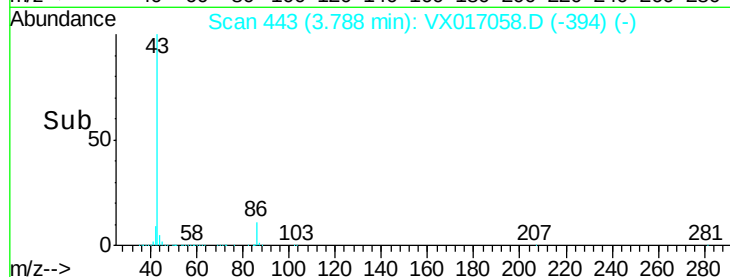
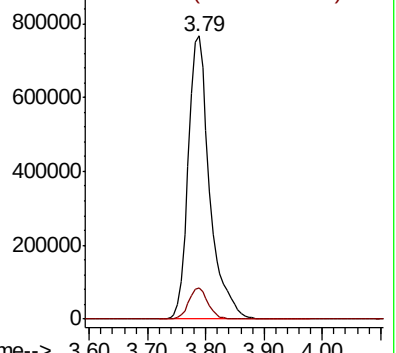
43 100

86 11.0 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: 52.909 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

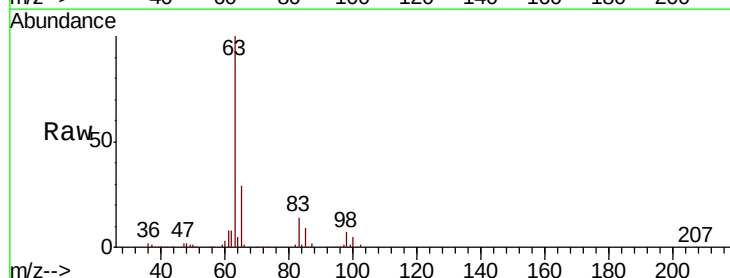
Tgt Ion: 63 Resp: 248366

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

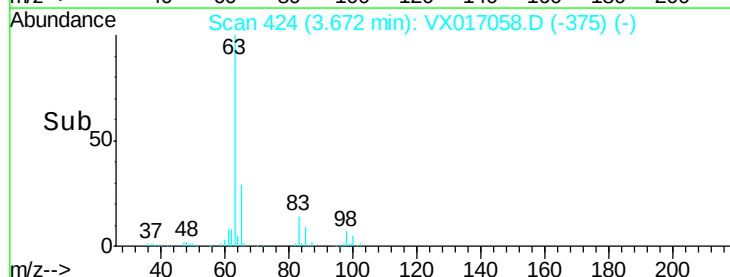
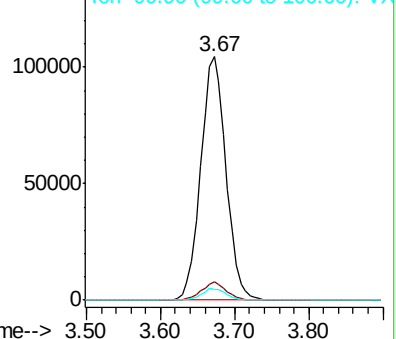
100 4.5 2.4 7.1

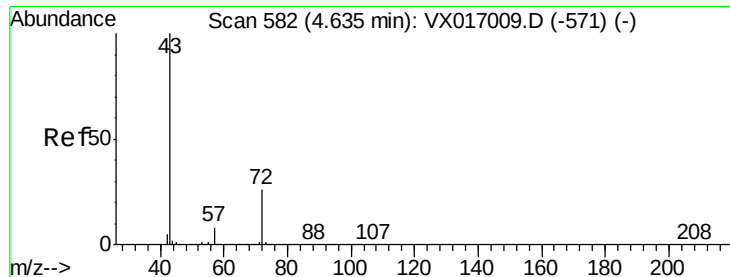


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 270.173 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

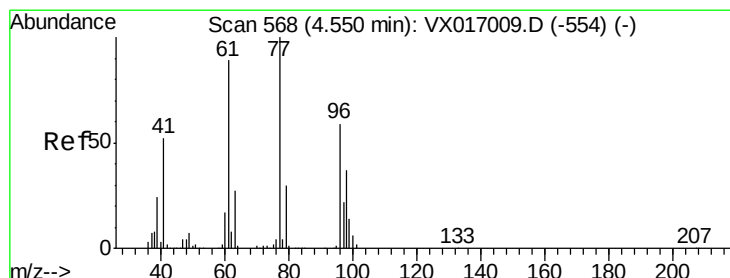
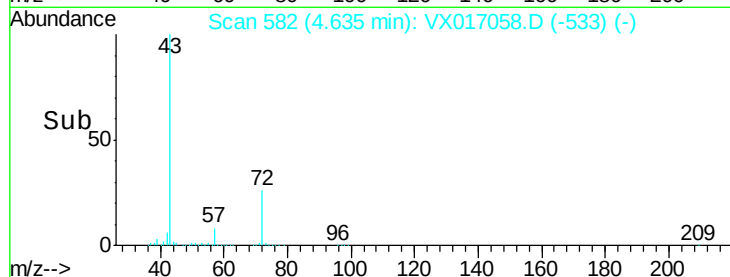
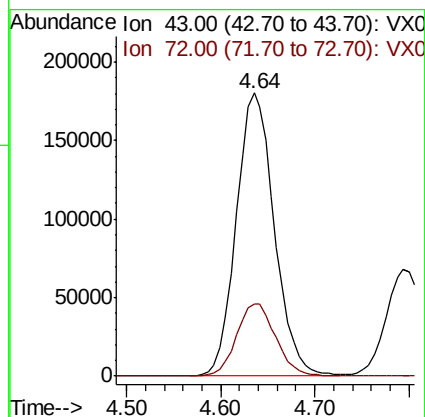
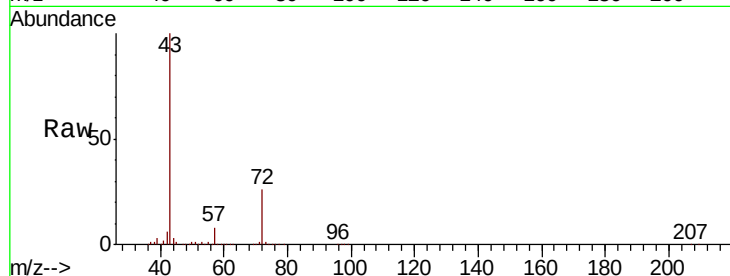
VSTDCCC050EC

Tot Ion: 43 Resp: 506136

Ion Ratio Lower Upper

43 100

72 25.5 20.8 31.2



#26

2,2-Dichloropropane

Concen: 44.604 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017058.D

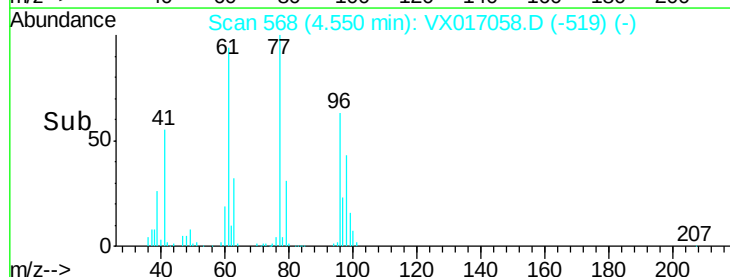
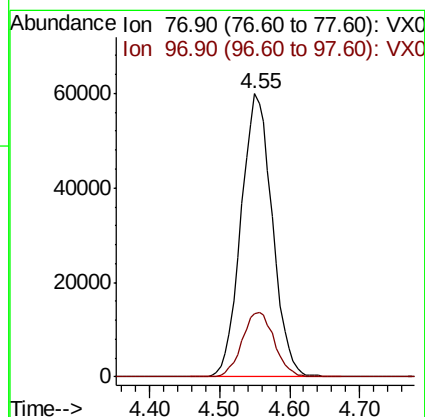
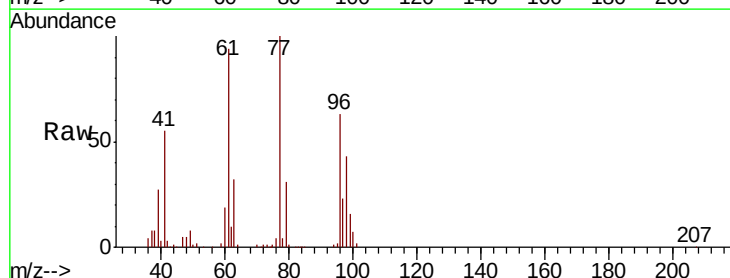
Acq: 30 Jun 2020 20:12

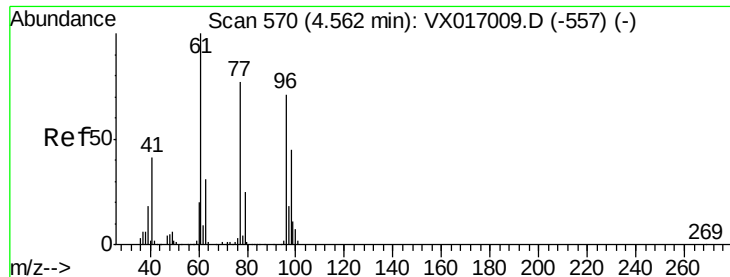
Tgt Ion: 77 Resp: 185911

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.2



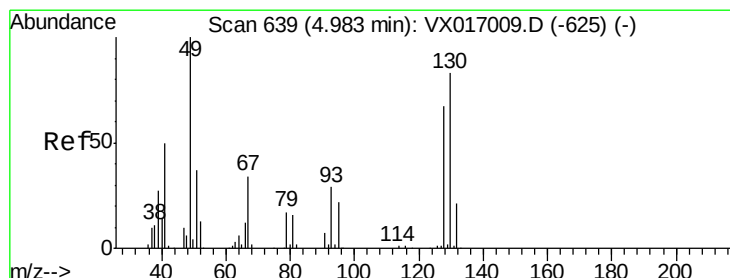
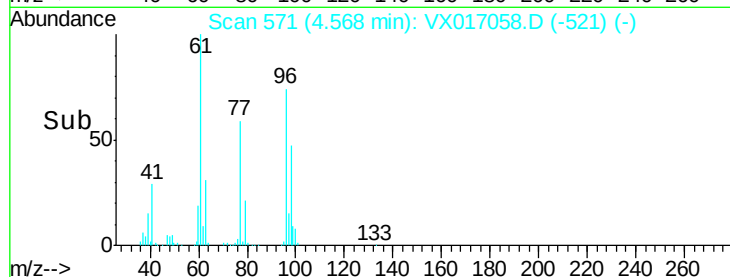
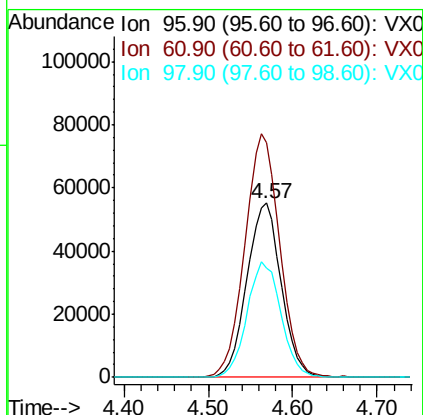
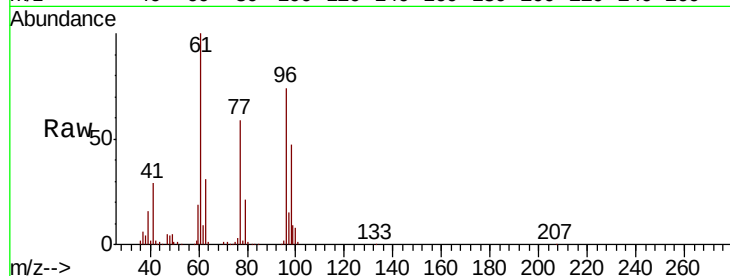


#27

cis-1,2-Dichloroethene
Concen: 50.247 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

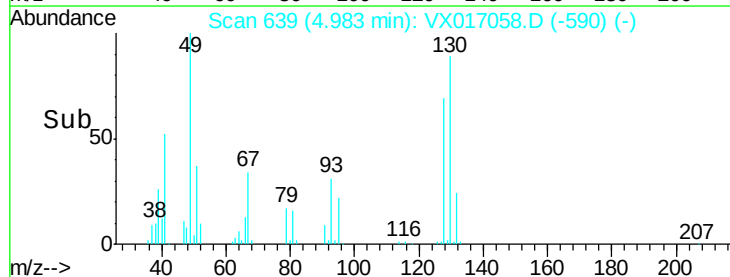
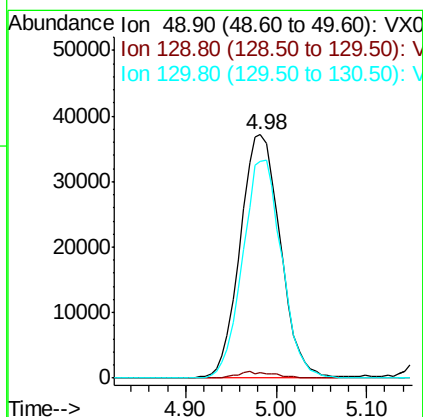
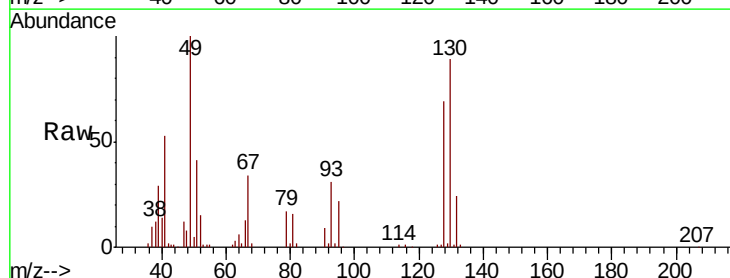
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	282.8
98	65.8	0.0	127.6

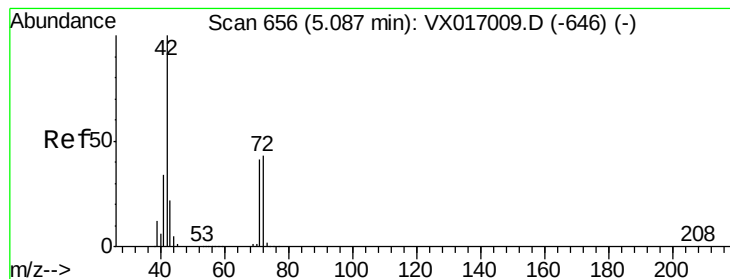


#28

Bromochloromethane
Concen: 50.053 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	87.3	66.6	100.0





#29

Tetrahydrofuran

Concen: 269.897 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

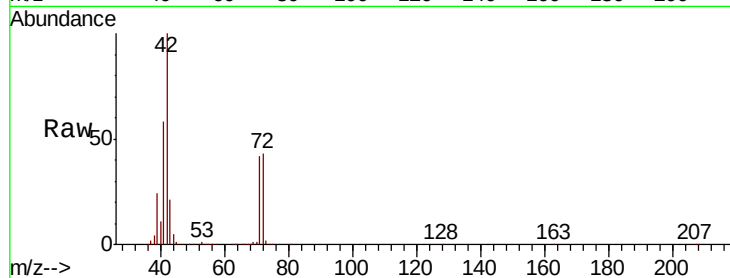
Tot Ion: 42 Resp: 334074

Ion Ratio Lower Upper

42 100

72 44.9 35.3 52.9

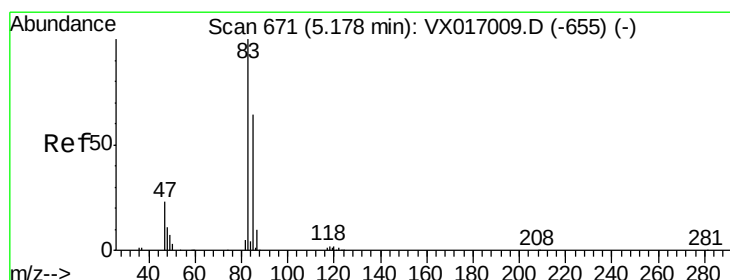
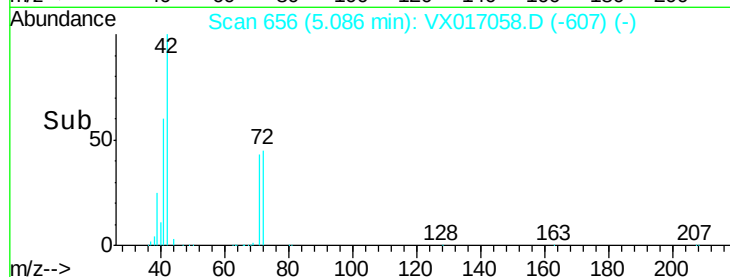
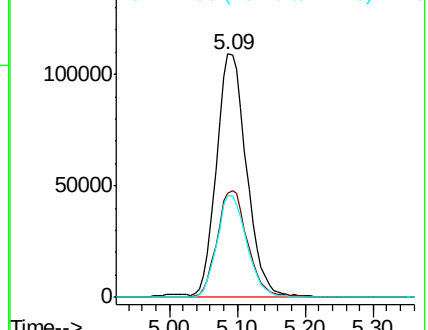
71 41.8 33.1 49.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.063 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017058.D

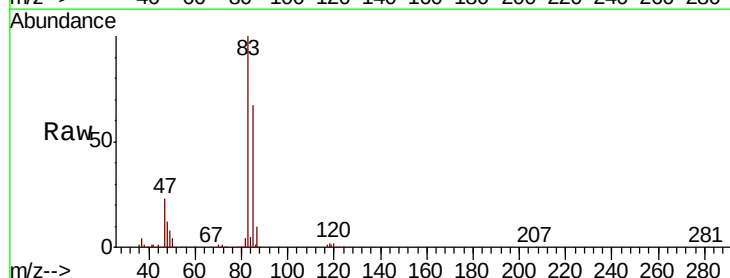
Acq: 30 Jun 2020 20:12

Tgt Ion: 83 Resp: 250531

Ion Ratio Lower Upper

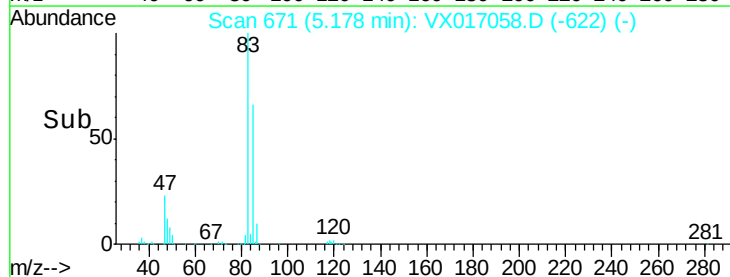
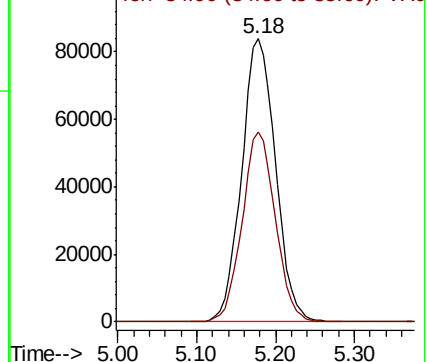
83 100

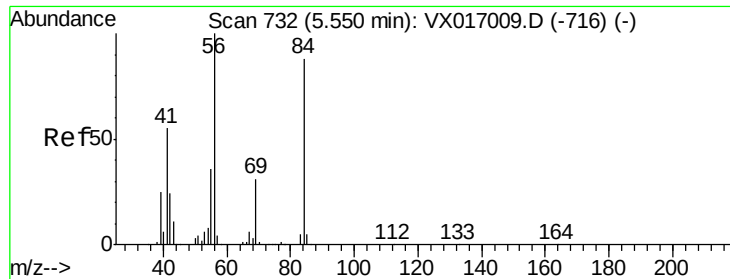
85 66.9 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

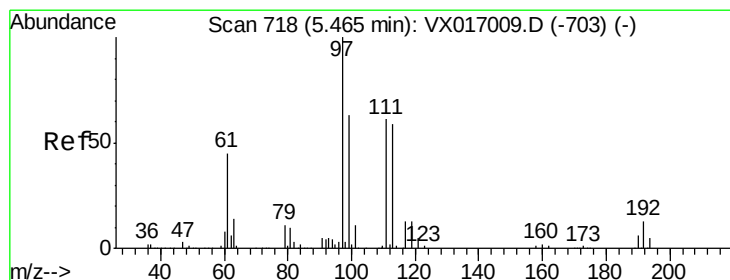
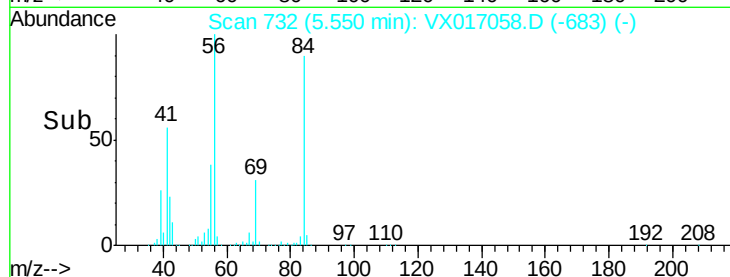
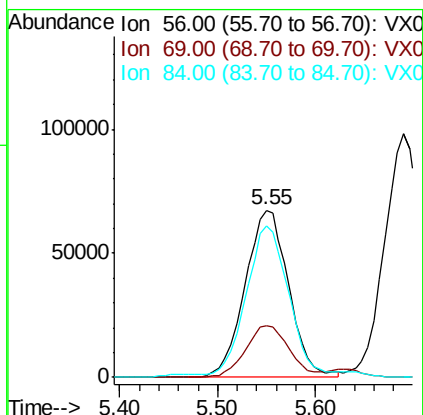
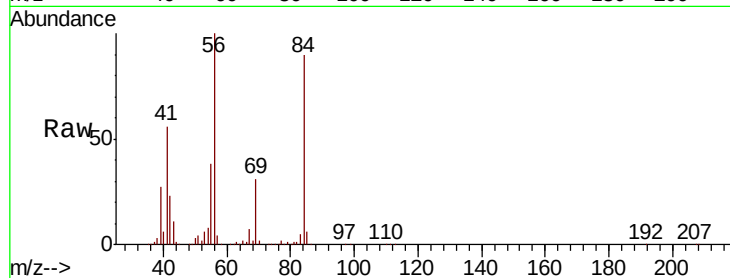




#31
Cyclohexane
Concen: 51.268 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

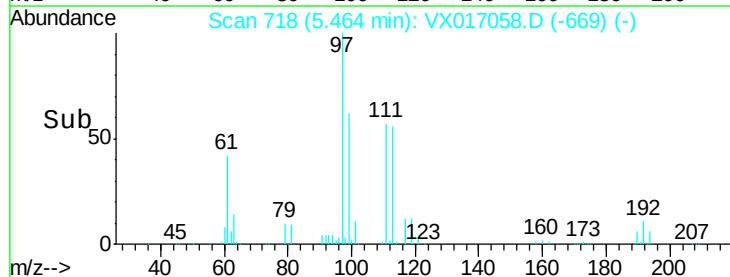
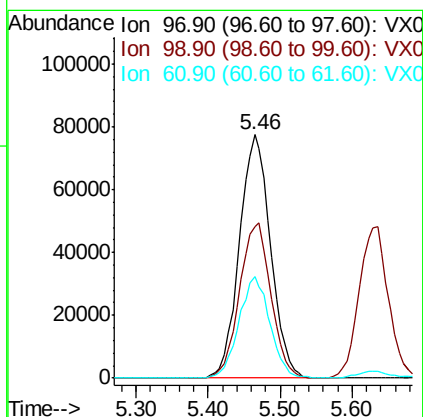
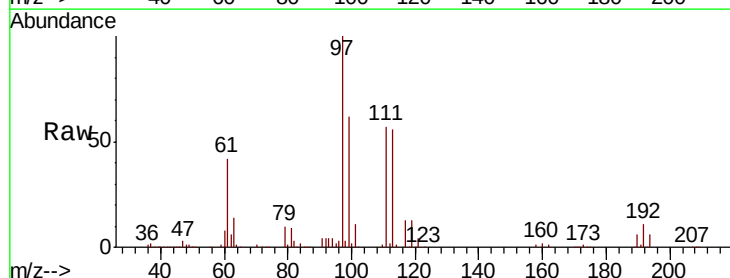
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

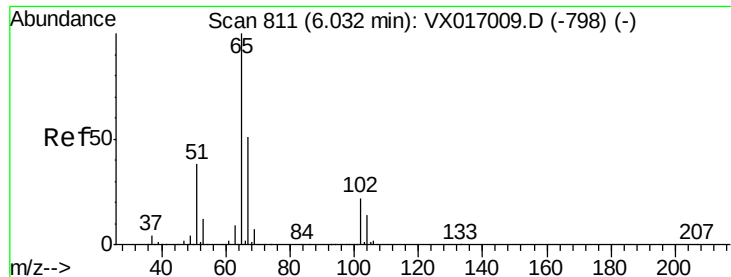
Tot Ion: 56 Resp: 208024
Ion Ratio Lower Upper
56 100
69 31.1 25.0 37.4
84 88.0 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 52.417 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Tgt Ion: 97 Resp: 232298
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 41.6 33.7 50.5

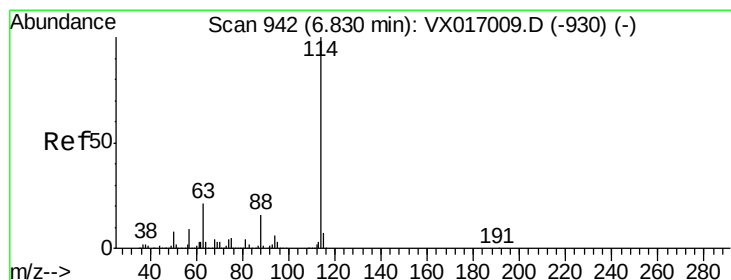
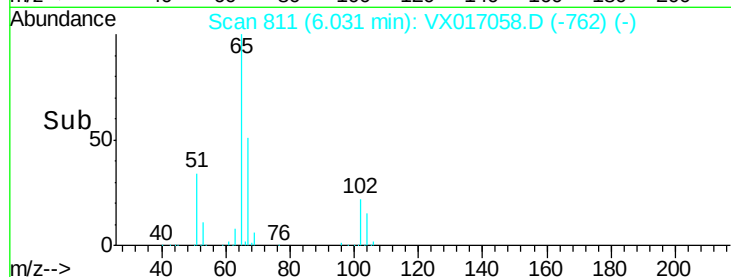
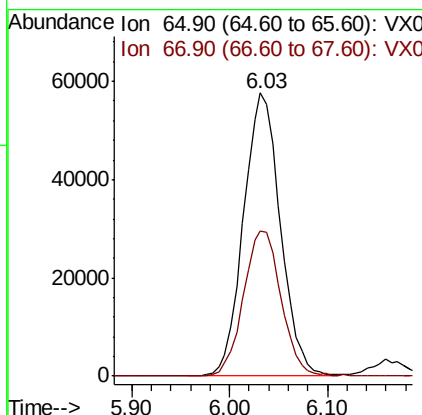
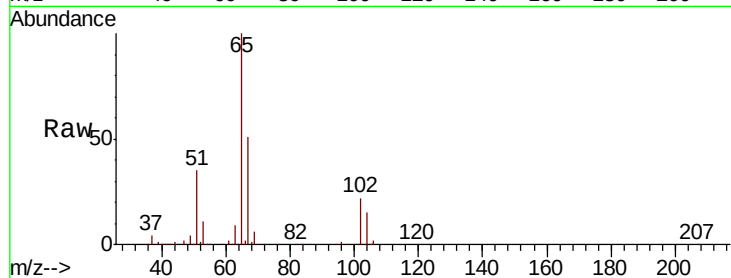




#33
 1,2-Dichloroethane-d4
 Concen: 50.097 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

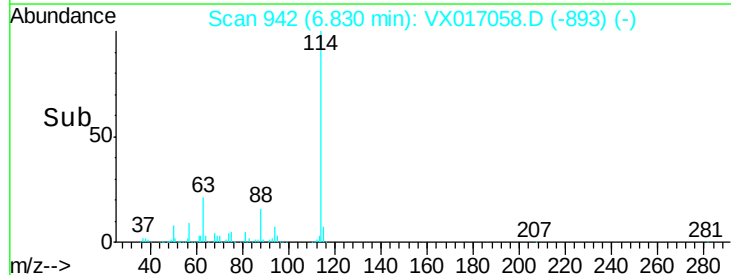
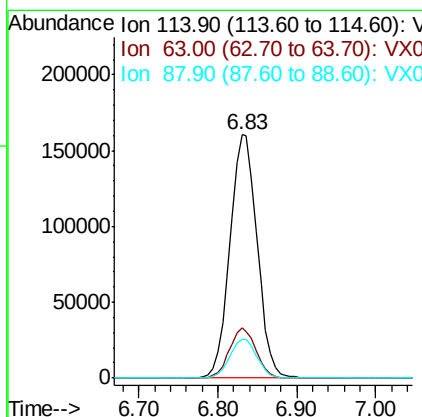
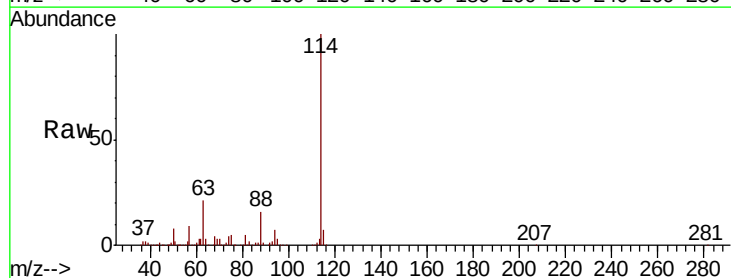
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

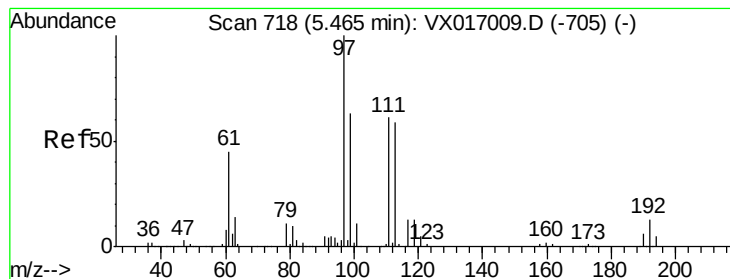
Tot Ion: 65 Resp: 150563
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Tgt Ion: 114 Resp: 384867
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.185 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

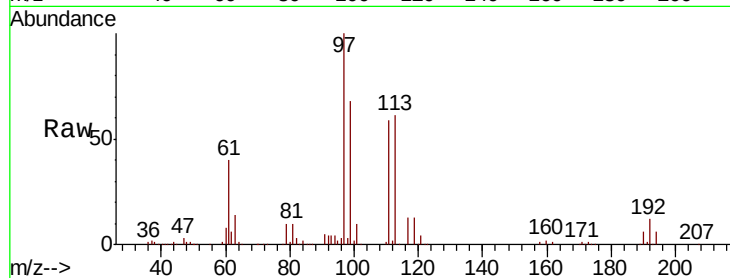
Tot Ion:113 Resp: 124613

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

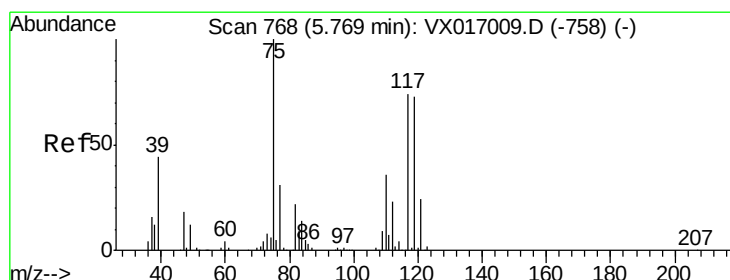
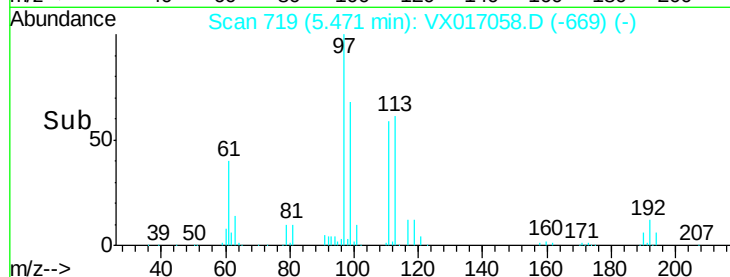
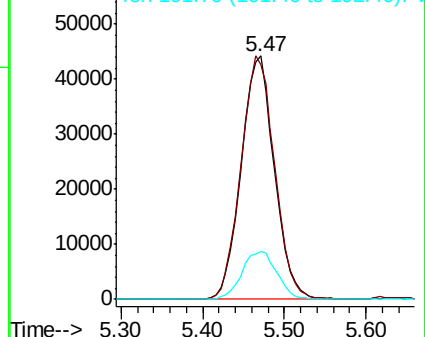
192 20.8 16.7 25.1



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: 51.246 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

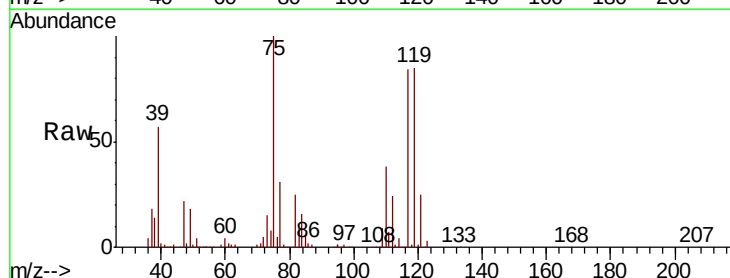
Tgt Ion: 75 Resp: 186407

Ion Ratio Lower Upper

75 100

110 37.0 18.1 54.1

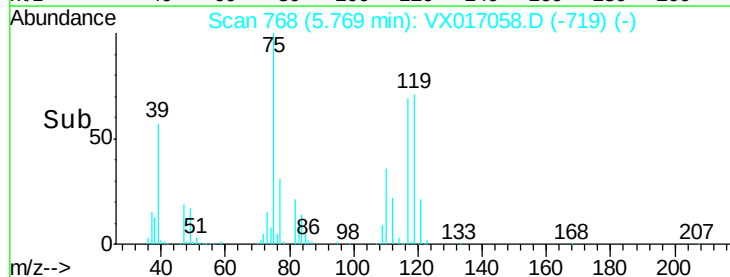
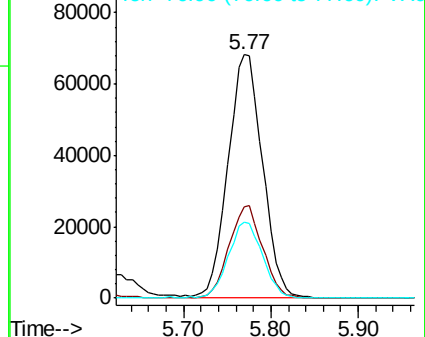
77 31.0 24.6 37.0

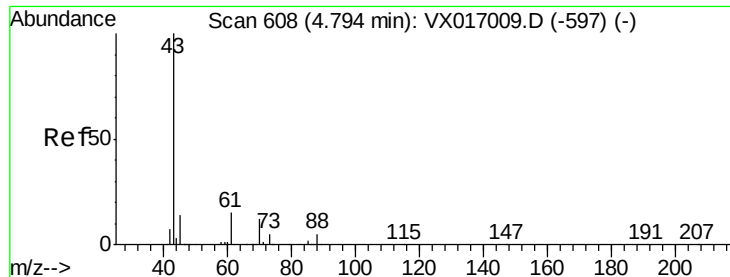


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

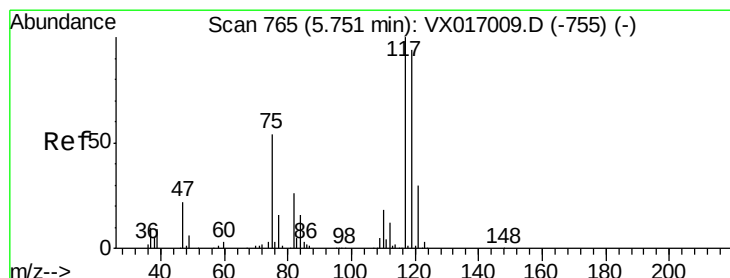
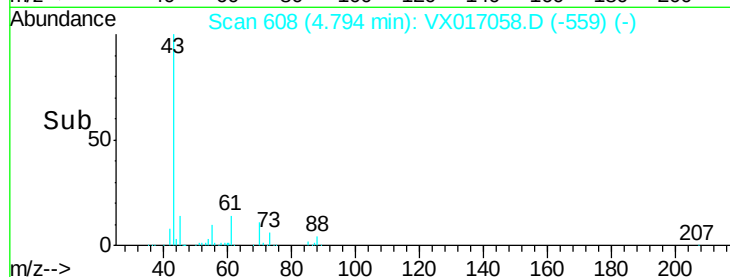
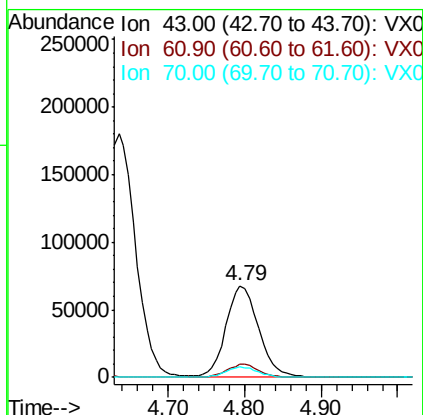
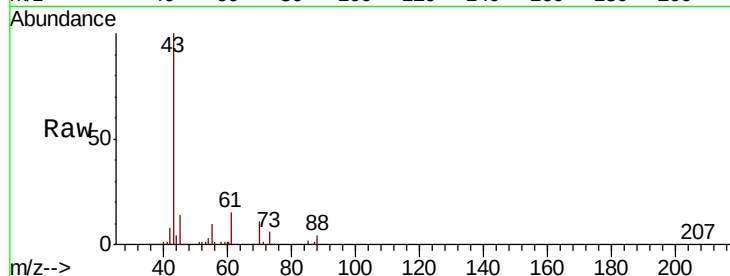




#37
Ethyl Acetate
Concen: 53.990 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

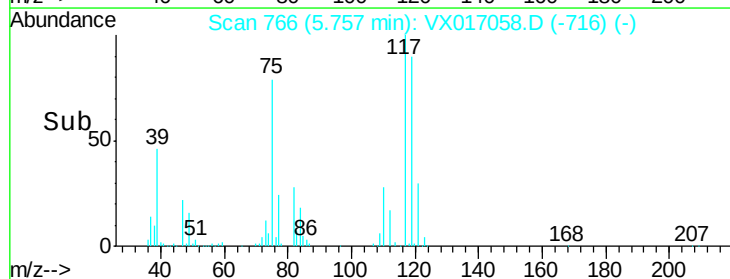
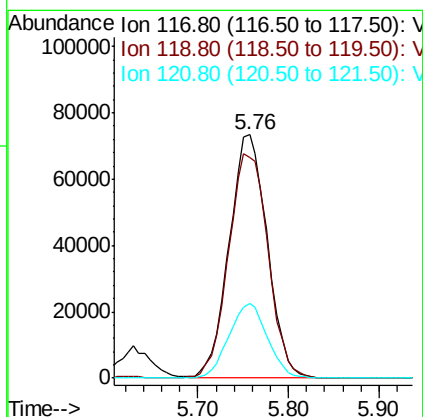
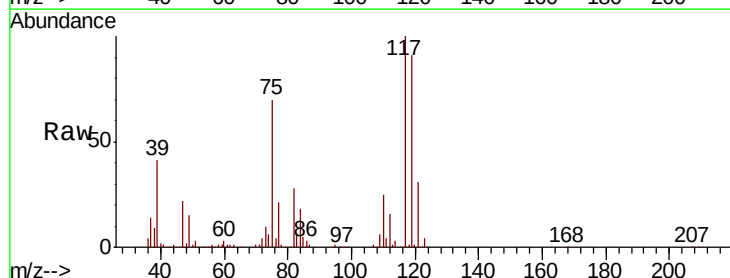
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

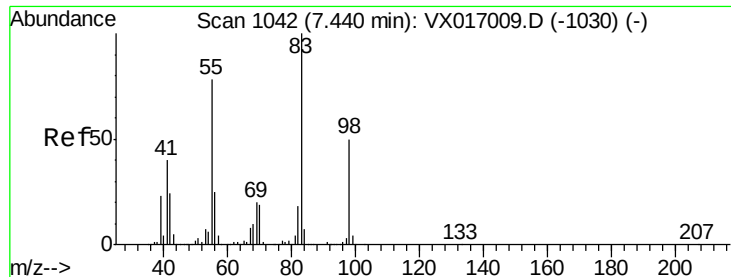
Tot Ion	43	Resp	199255
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.0	16.4
70	11.5	8.9	13.3



#38
Carbon Tetrachloride
Concen: 53.331 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Tgt Ion	117	Resp	213665
Ion Ratio	Lower	Upper	
117	100		
119	90.7	75.4	113.0
121	30.7	23.8	35.6

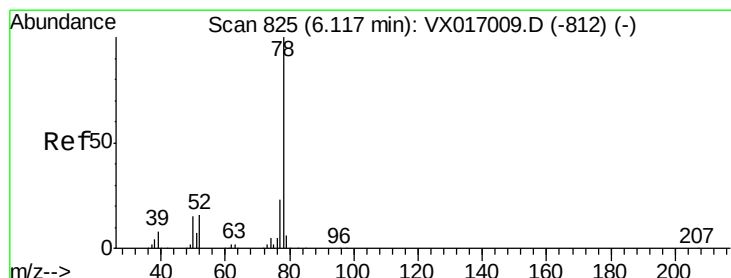
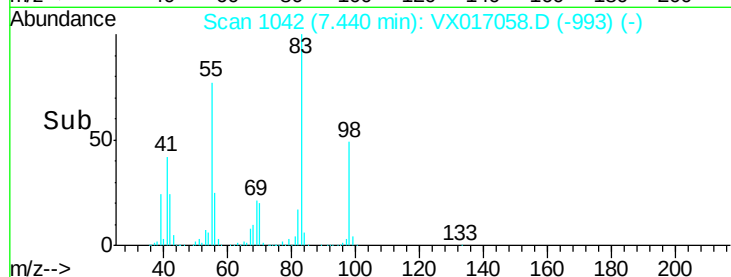
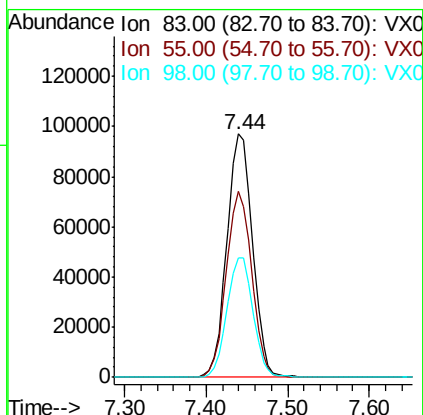
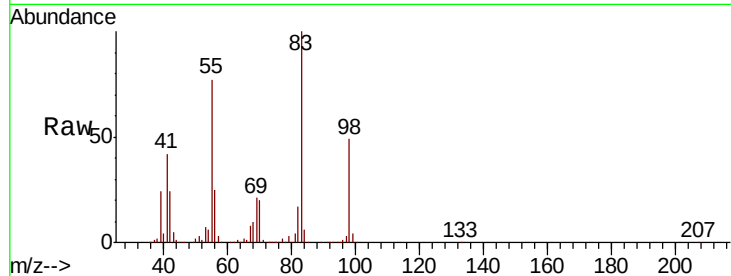




#39
Methylvlcyclohexane
Concen: 52.101 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

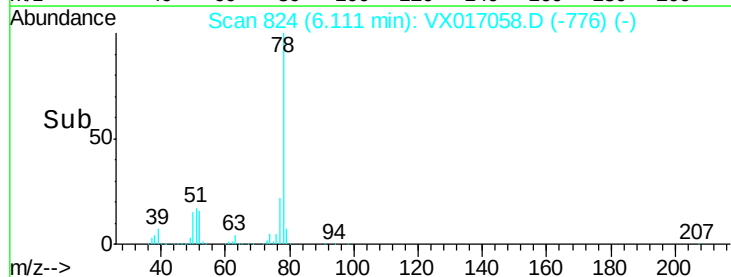
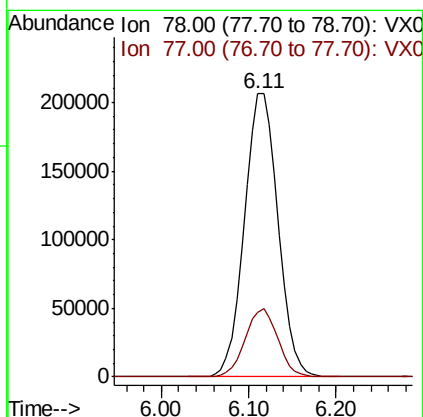
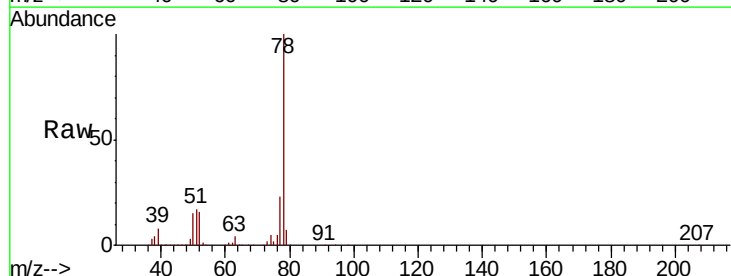
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

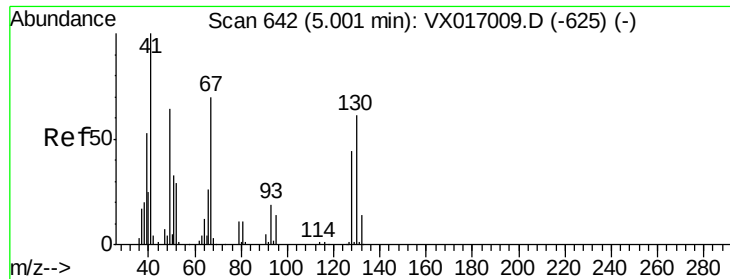
Tot Ion: 83 Resp: 210858
Ion Ratio Lower Upper
83 100
55 76.6 62.5 93.7
98 49.2 40.1 60.1



#40
Benzene
Concen: 51.636 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Tgt Ion: 78 Resp: 551863
Ion Ratio Lower Upper
78 100
77 22.9 18.3 27.5

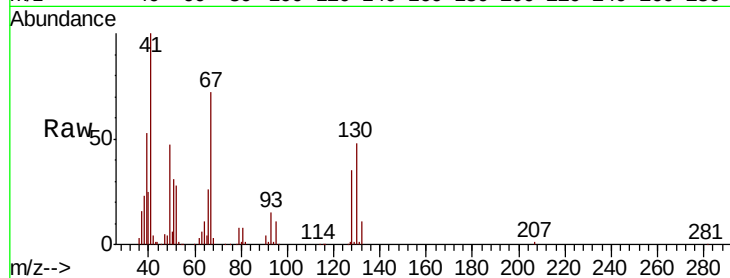




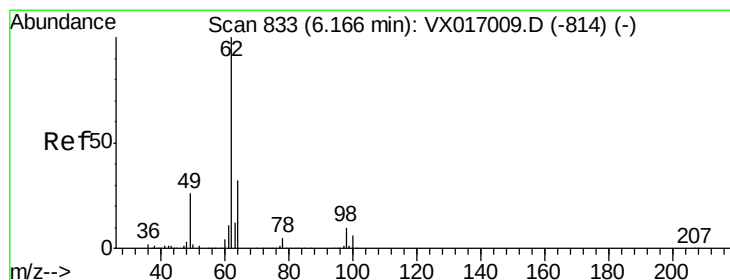
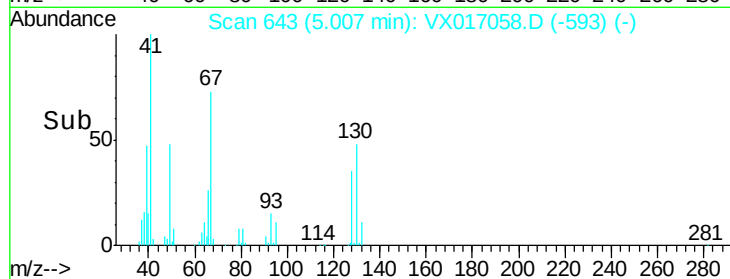
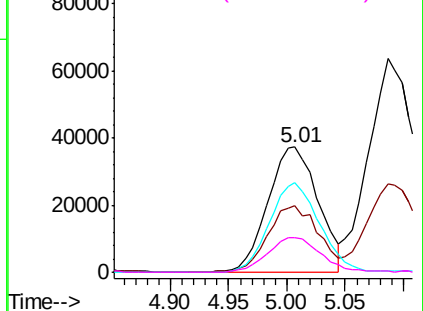
#41
Methacrylonitrile
Concen: 53.356 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	110829
Ion	Ratio	Lower	Upper
41	100		
39	53.4	44.4	66.6
67	71.8	57.1	85.7
52	28.9	23.2	34.8

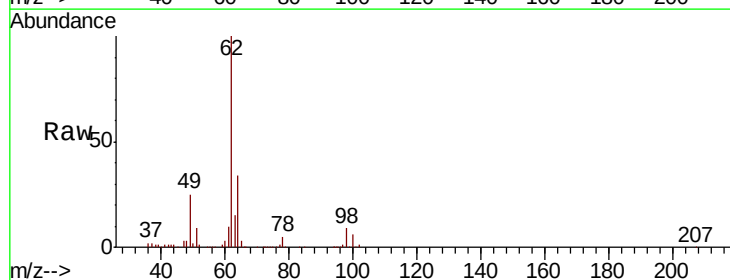


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

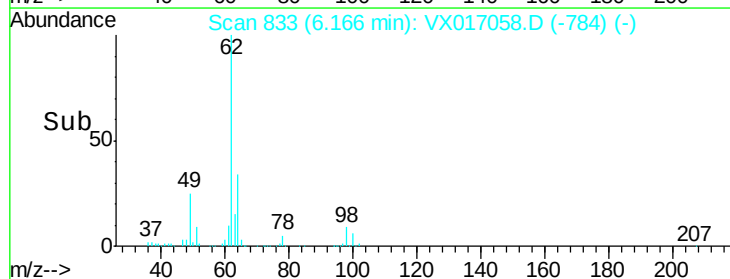
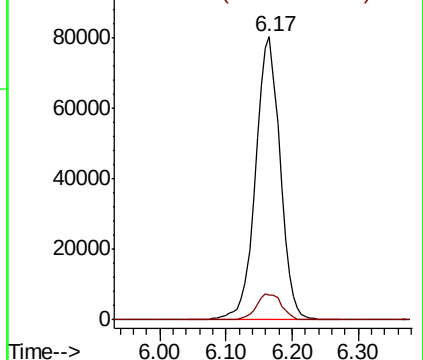


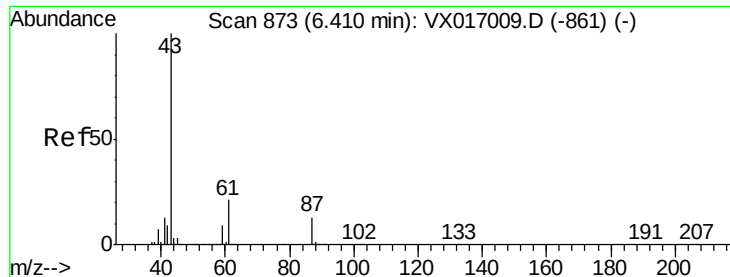
#42
1,2-Dichloroethane
Concen: 54.007 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Tgt Ion:	62	Resp:	208489
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.482 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

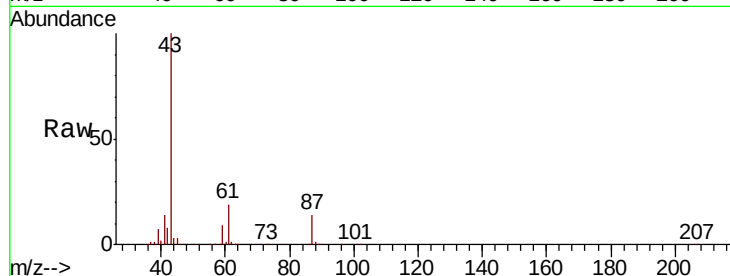
Tot Ion: 43 Resp: 327989

Ion Ratio Lower Upper

43 100

61 20.5 16.2 24.2

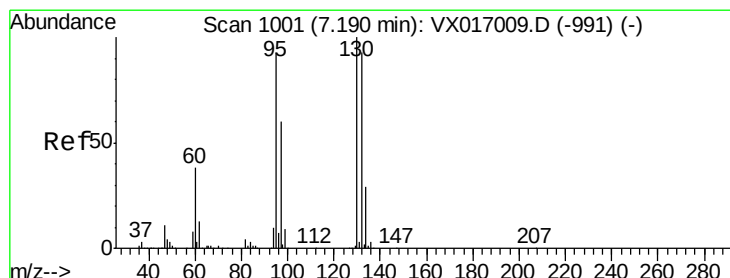
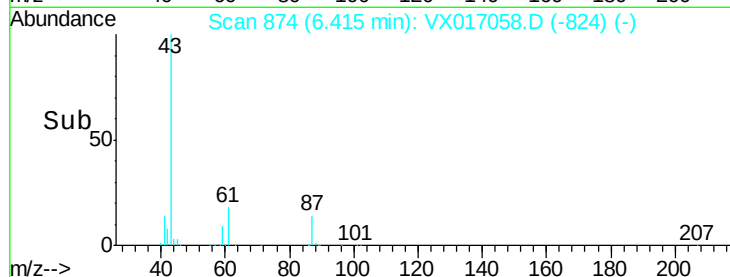
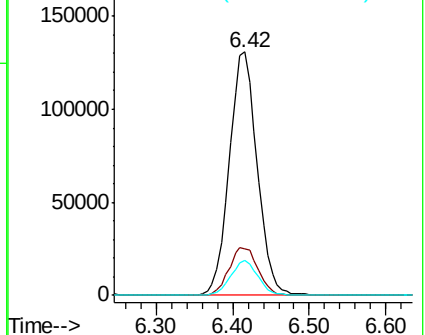
87 13.8 10.7 16.1



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: 54.280 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017058.D

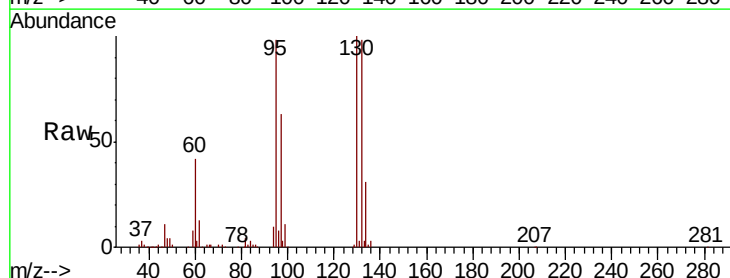
Acq: 30 Jun 2020 20:12

Tgt Ion:130 Resp: 160005

Ion Ratio Lower Upper

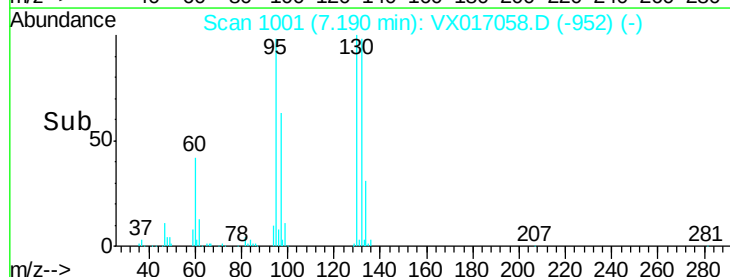
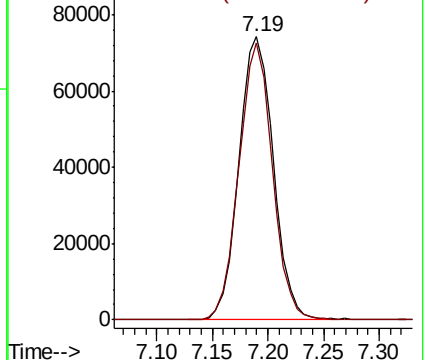
130 100

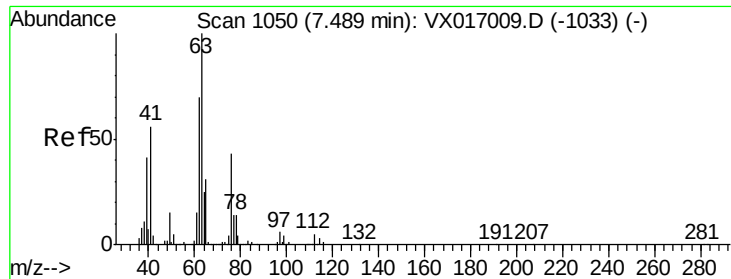
95 98.0 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

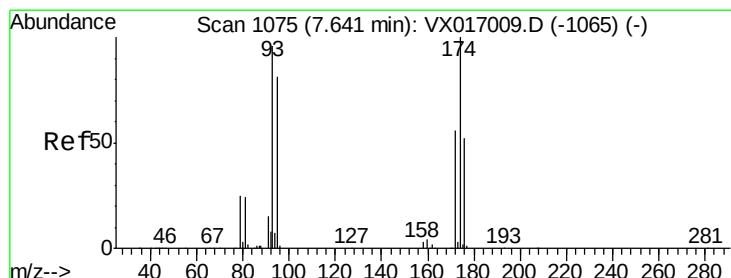
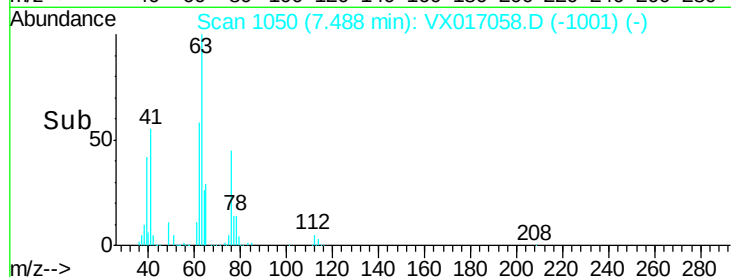
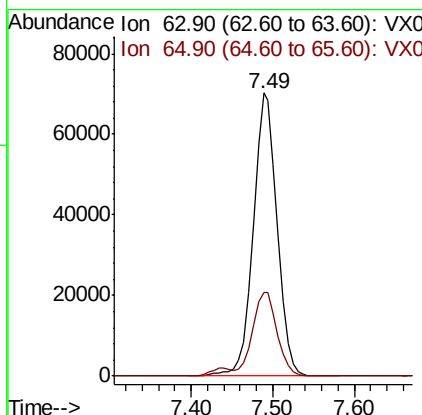
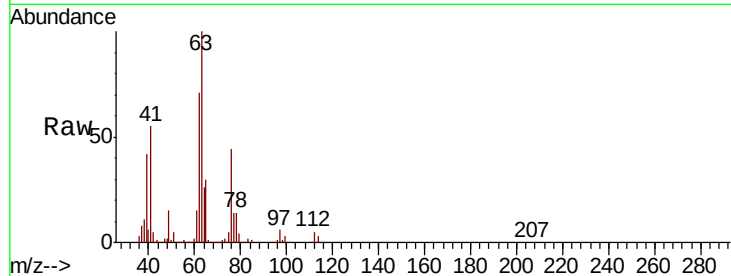




#45
 1,2-Dichloropropane
 Concen: 52.449 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

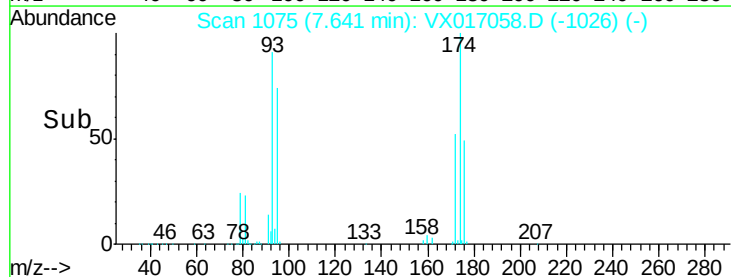
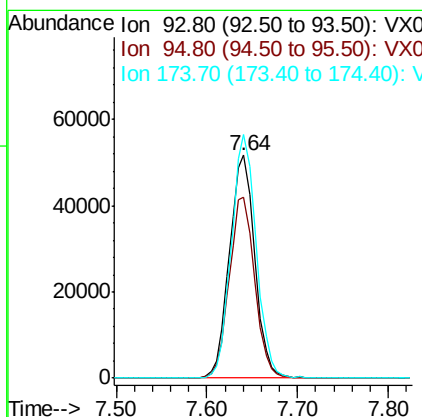
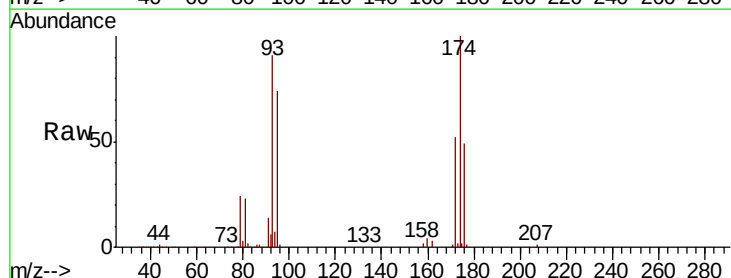
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

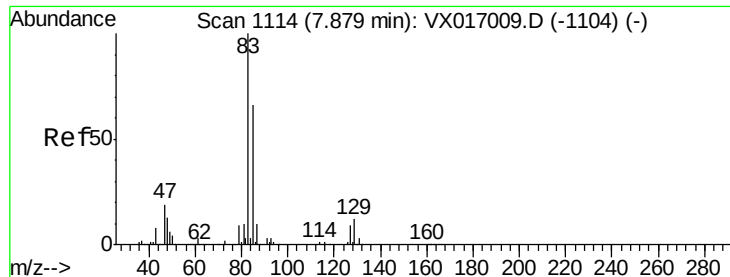
Tot Ion: 63 Resp: 143971
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.6 36.8



#46
 Dibromomethane
 Concen: 53.811 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Tgt Ion: 93 Resp: 100846
 Ion Ratio Lower Upper
 93 100
 95 81.0 67.4 101.0
 174 106.9 84.3 126.5





#47

Bromodichloromethane

Concen: 54.500 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

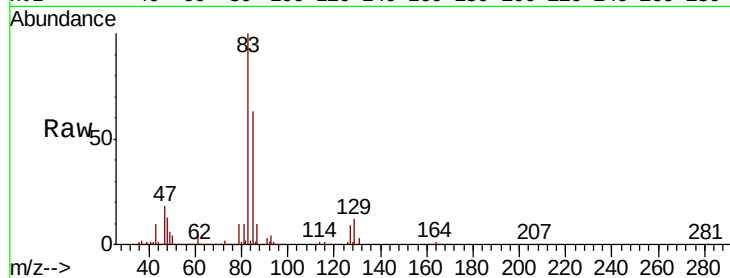
Tot Ion: 83 Resp: 210486

Ion Ratio Lower Upper

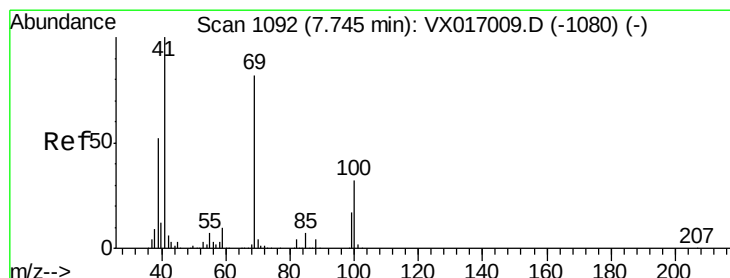
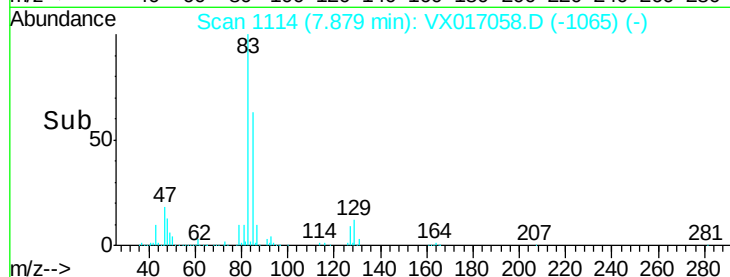
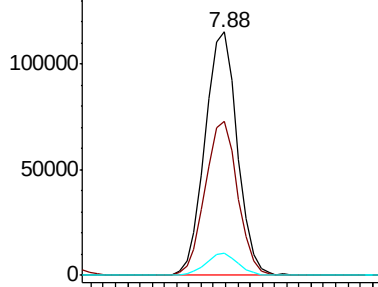
83 100

85 63.3 53.0 79.4

127 9.2 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.759 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

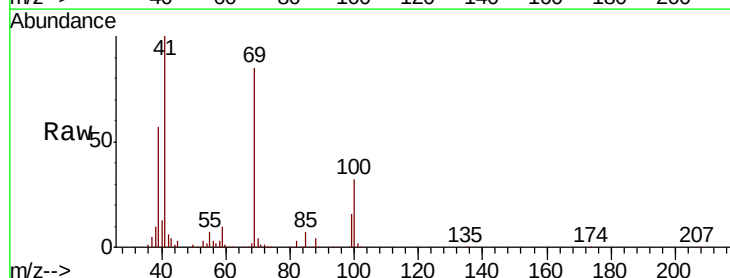
Tgt Ion: 41 Resp: 165374

Ion Ratio Lower Upper

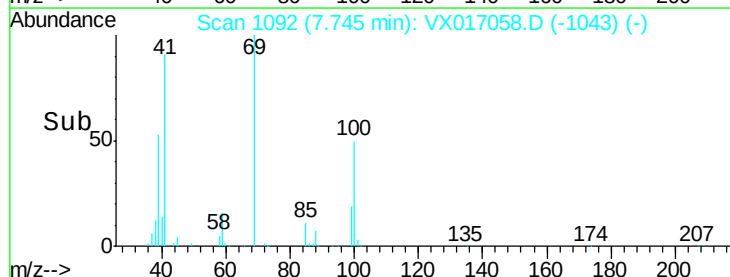
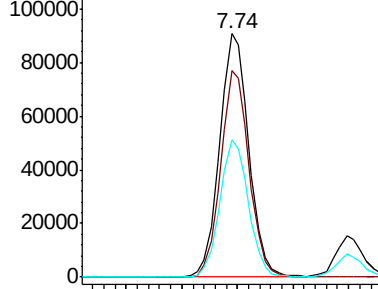
41 100

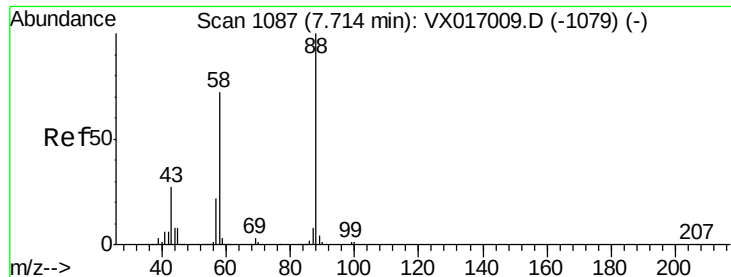
69 82.9 65.8 98.8

39 55.2 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

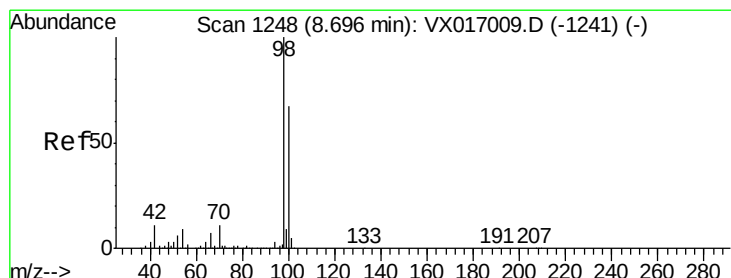
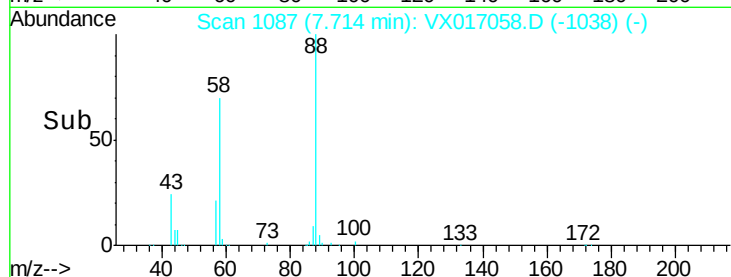
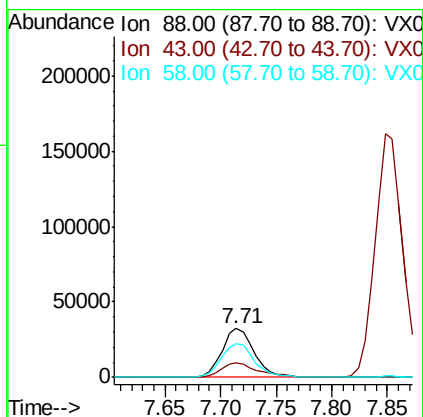
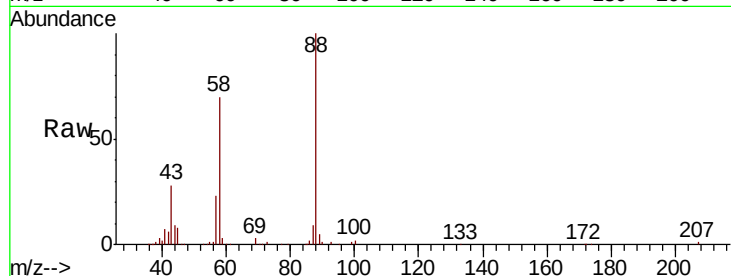




#49
1,4-Dioxane
Concen: 988.119 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

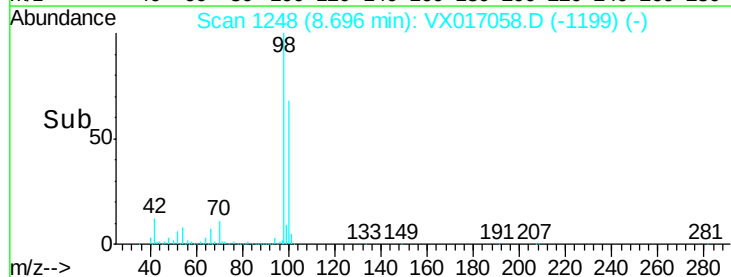
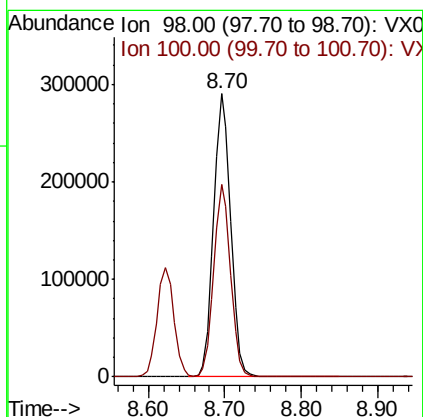
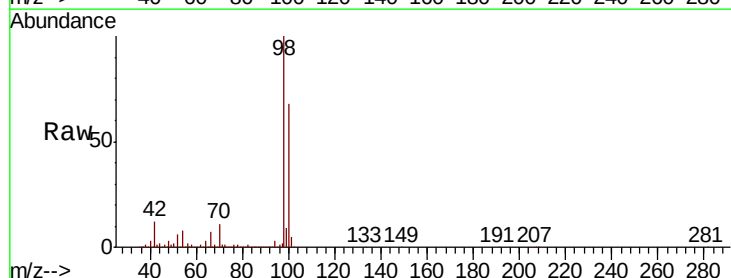
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

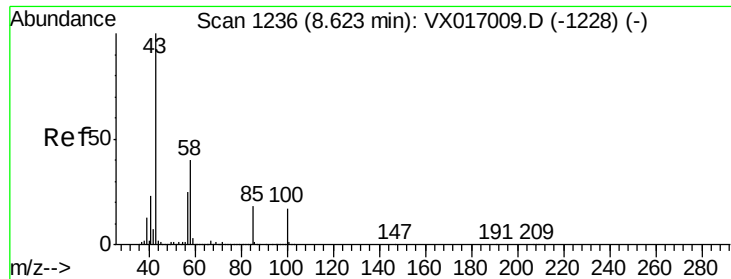
Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	25.8	38.8
58	72.1	54.8	82.2



#50
Toluene-d8
Concen: 50.025 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.8	80.6

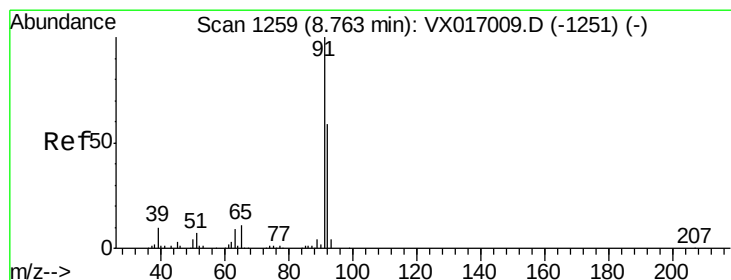
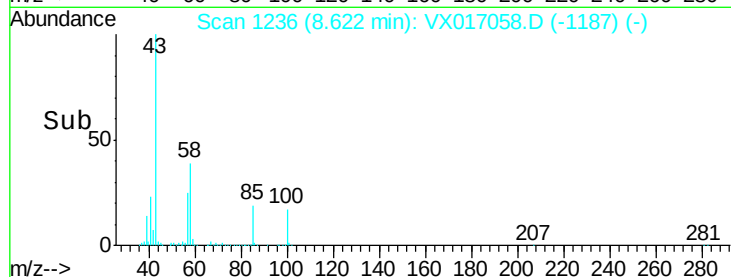
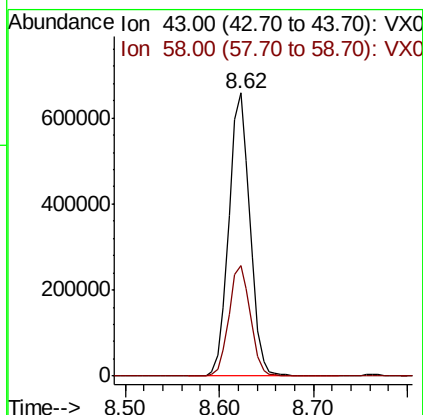
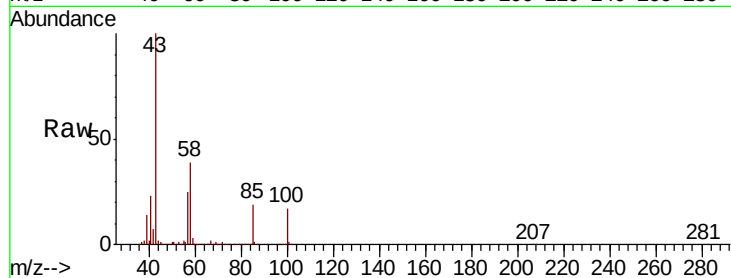




#51
 4-Methyl-2-Pentanone
 Concen: 279.967 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

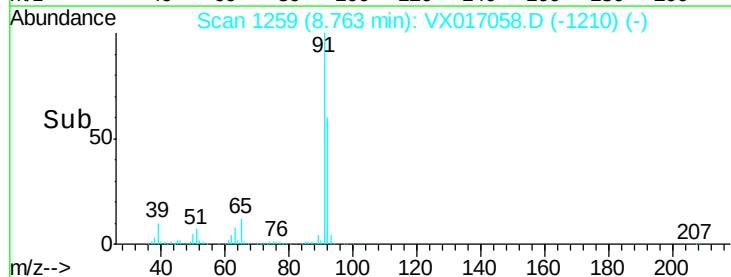
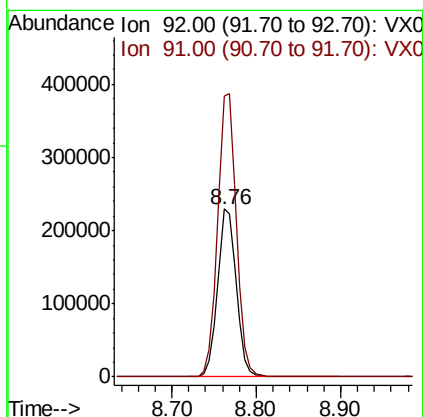
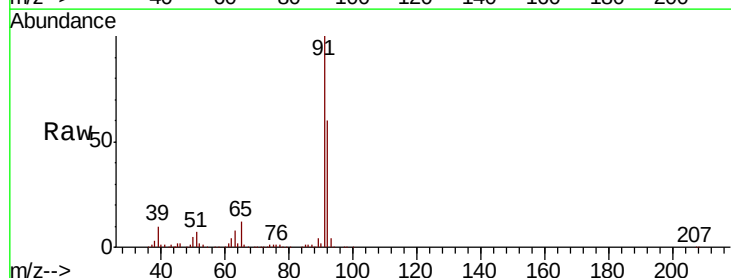
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

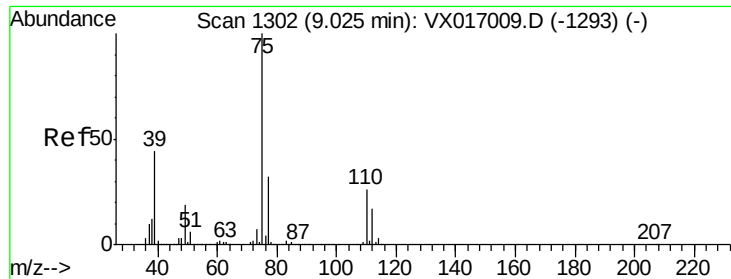
Tot Ion: 43 Resp: 1023475
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.9 47.9



#52
 Toluene
 Concen: 53.044 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Tgt Ion: 92 Resp: 353944
 Ion Ratio Lower Upper
 92 100
 91 169.3 136.9 205.3

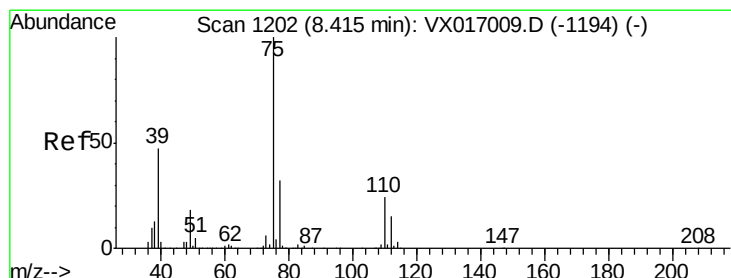
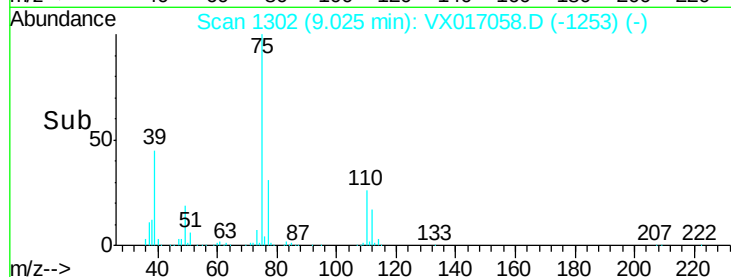
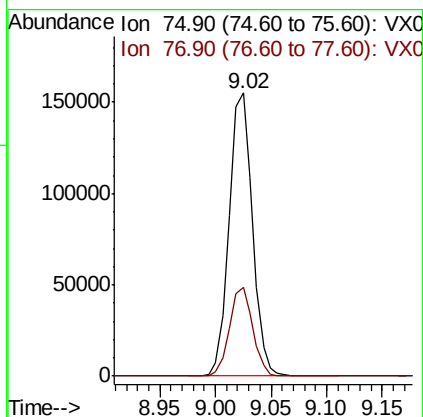
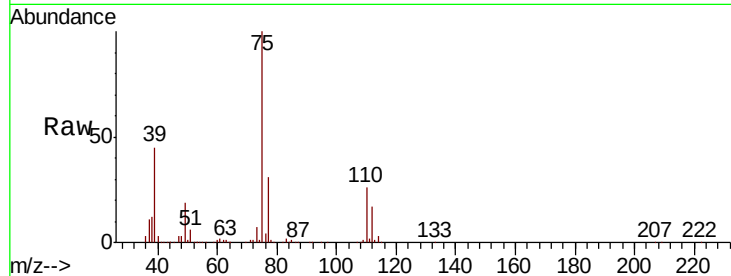




#53
 t-1,3-Dichloropropene
 Concen: 52.739 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

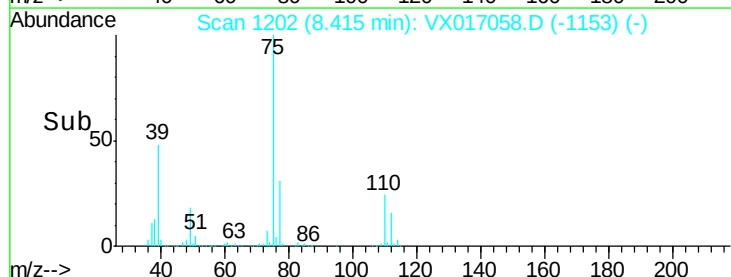
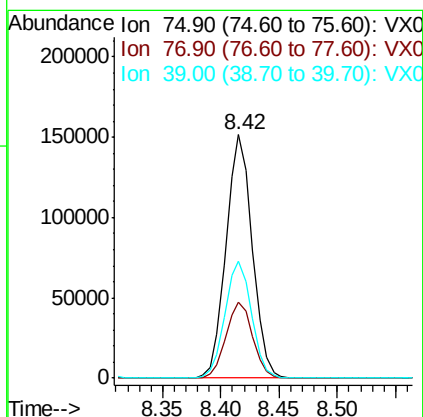
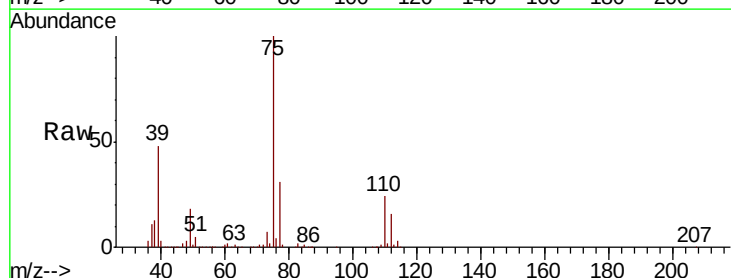
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

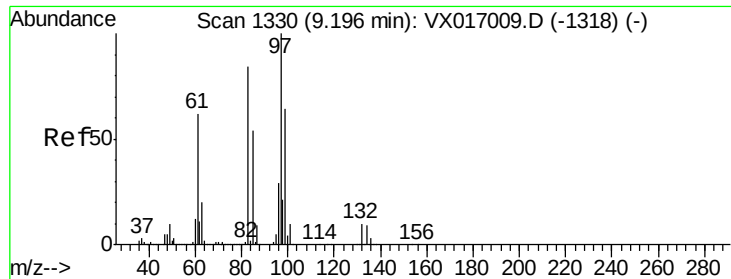
Tot Ion: 75 Resp: 224730
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.980 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Tgt Ion: 75 Resp: 237440
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8
 39 48.1 37.4 56.2

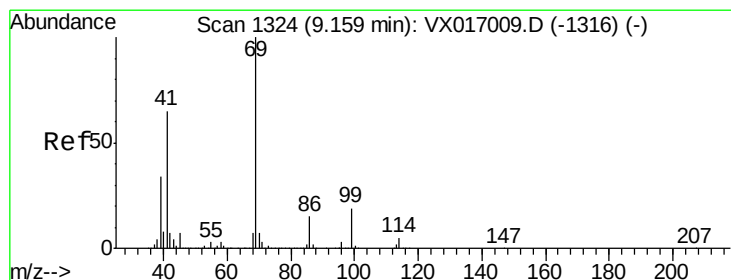
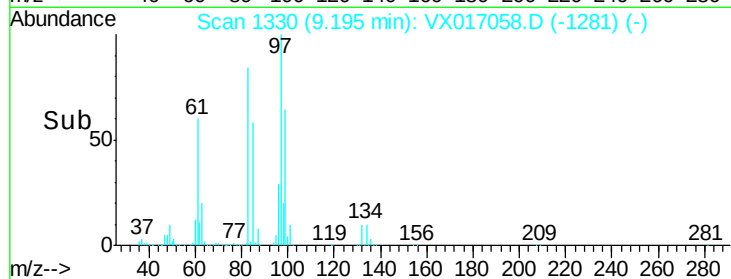
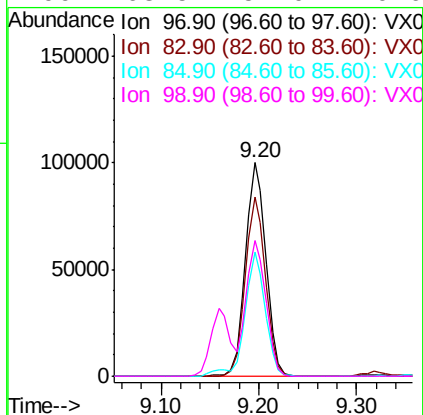
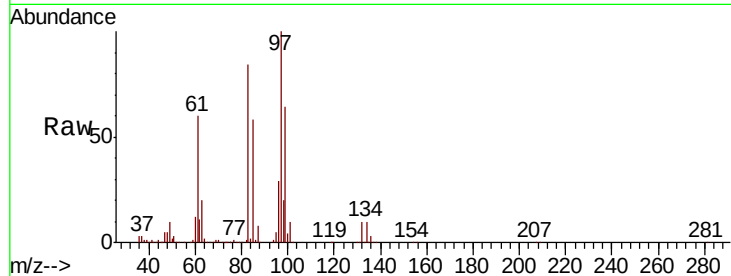




#55
 1,1,2-Trichloroethane
 Concen: 53.169 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

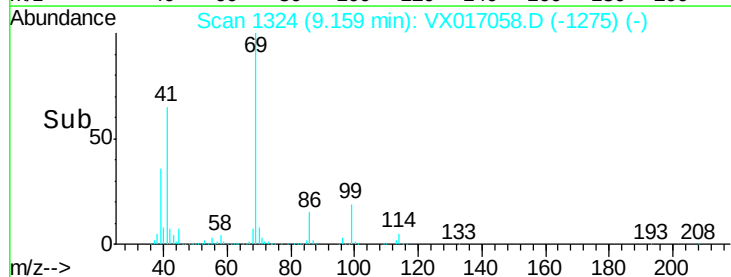
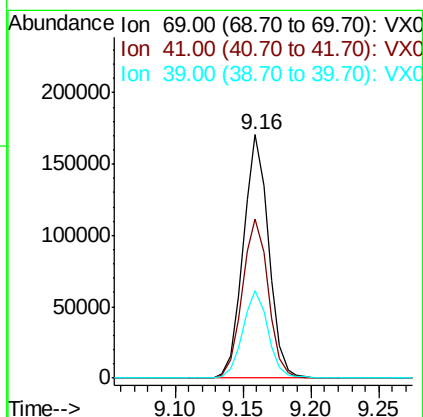
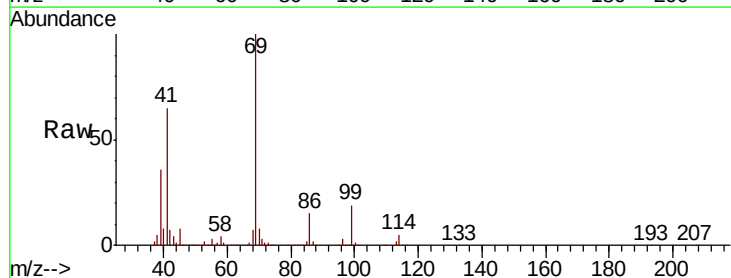
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

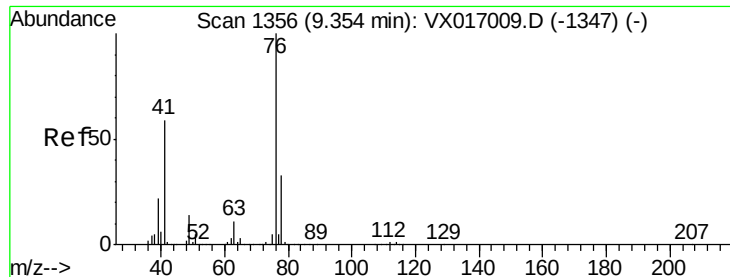
Tot Ion:	97	Resp:	144951
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.0	100.6
85	58.3	43.5	65.3
99	63.5	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 57.304 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Tgt Ion:	69	Resp:	222360
Ion	Ratio	Lower	Upper
69	100		
41	66.6	53.6	80.4
39	35.6	28.2	42.2

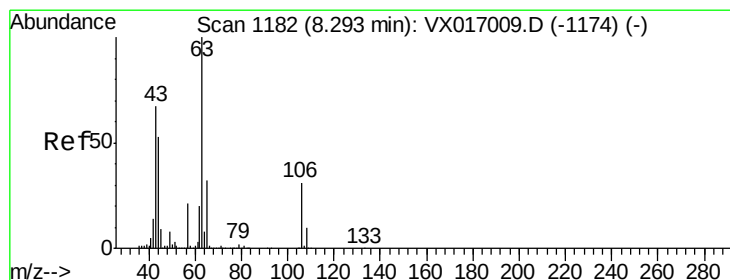
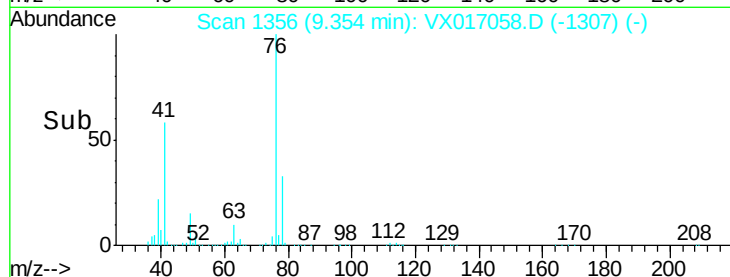
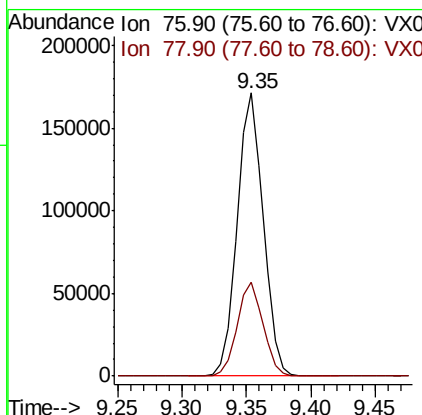
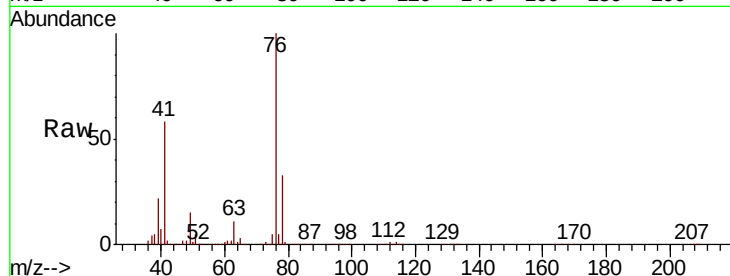




#57
 1,3-Dichloropropane
 Concen: 52.159 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

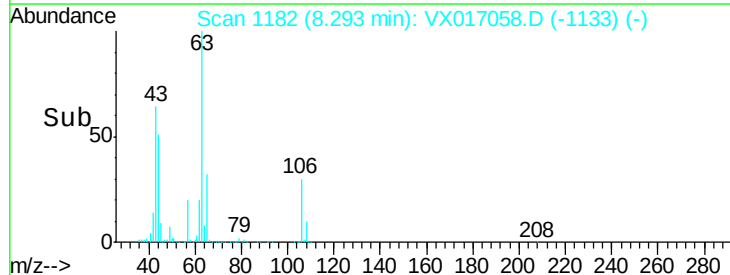
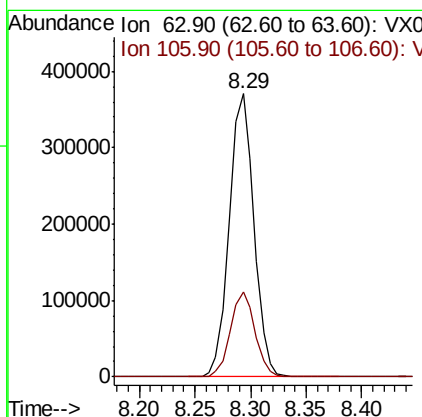
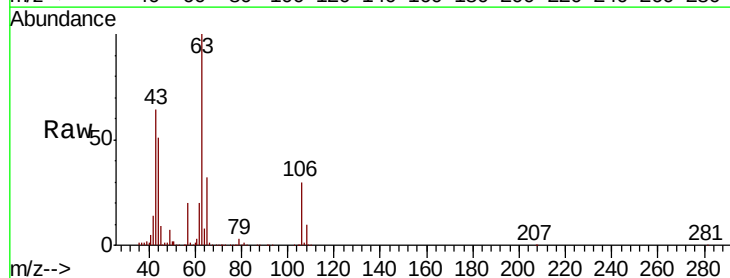
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

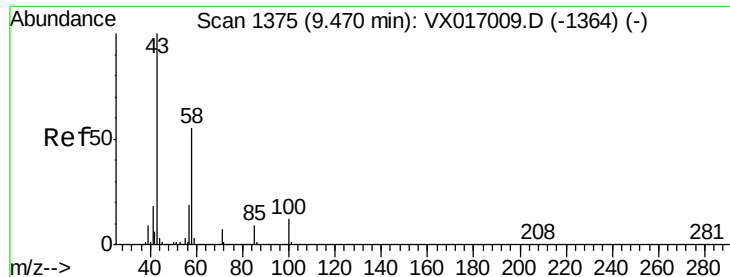
Tot Ion: 76 Resp: 240616
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 293.722 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Tgt Ion: 63 Resp: 567240
 Ion Ratio Lower Upper
 63 100
 106 29.9 24.0 36.0

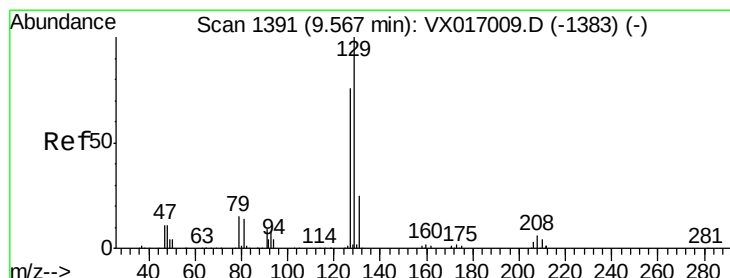
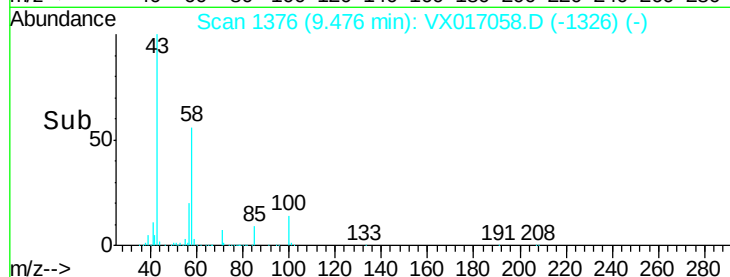
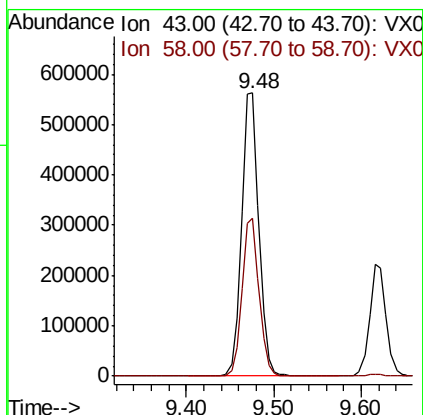
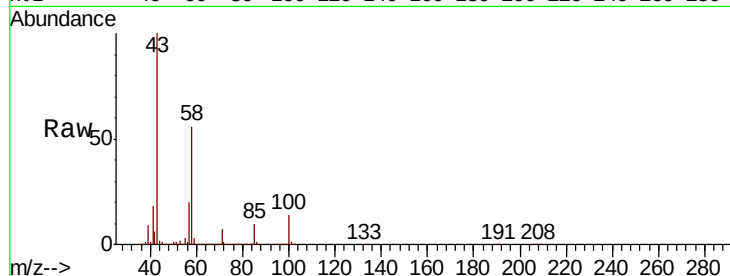




#59
2-Hexanone
Concen: 289.581 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

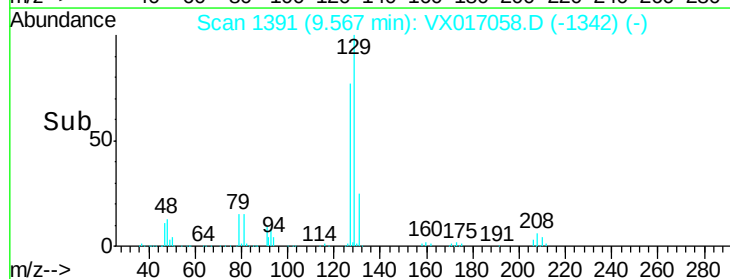
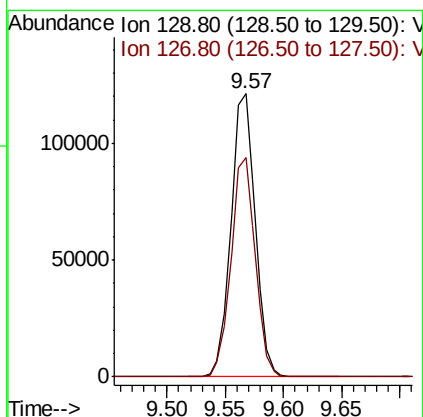
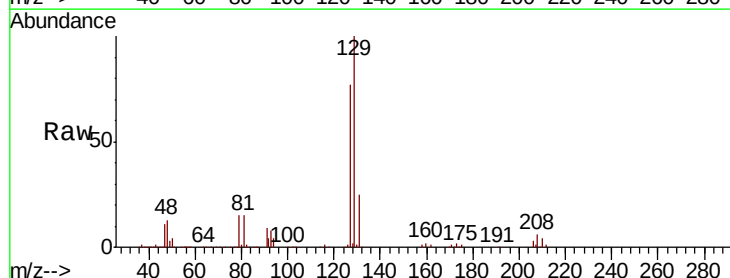
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

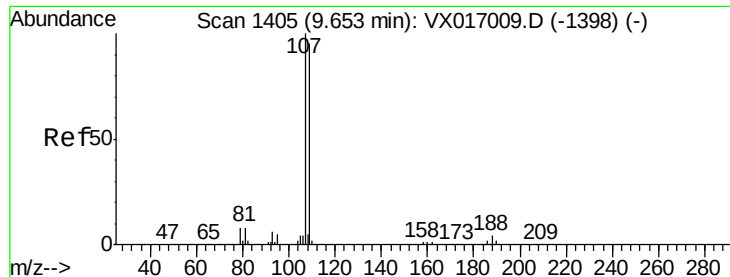
Tot Ion: 43 Resp: 773148
Ion Ratio Lower Upper
43 100
58 55.0 27.9 83.6



#60
Dibromochloromethane
Concen: 55.621 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Tgt Ion: 129 Resp: 176121
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 53.928 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

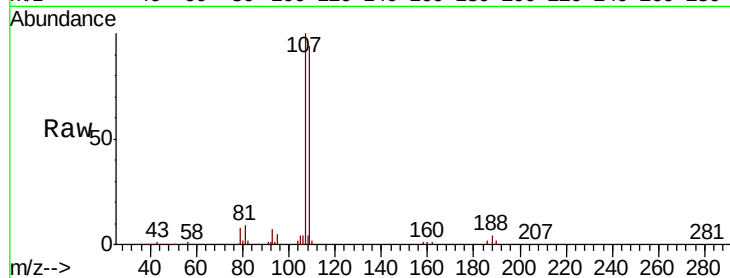
VSTDCCC050EC

Tot Ion:107 Resp: 158033

Ion Ratio Lower Upper

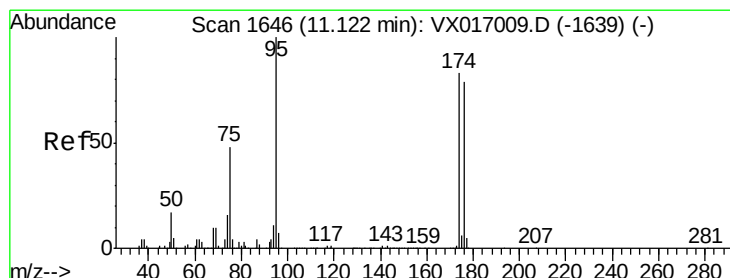
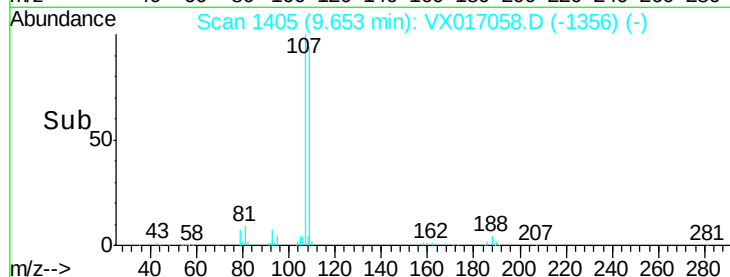
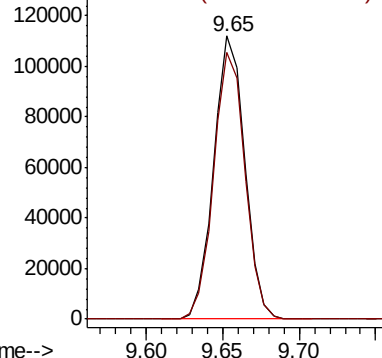
107 100

109 95.0 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.453 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

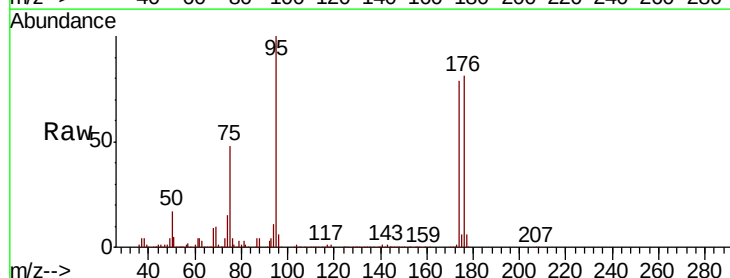
Tgt Ion: 95 Resp: 181074

Ion Ratio Lower Upper

95 100

174 81.7 0.0 164.0

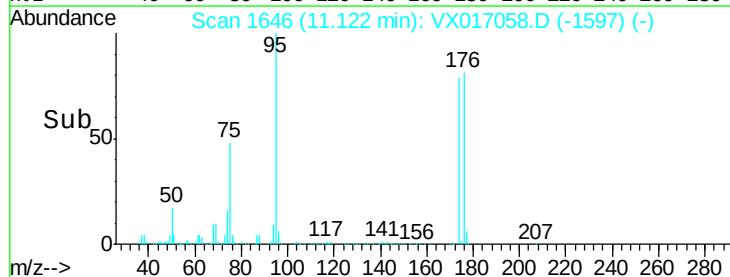
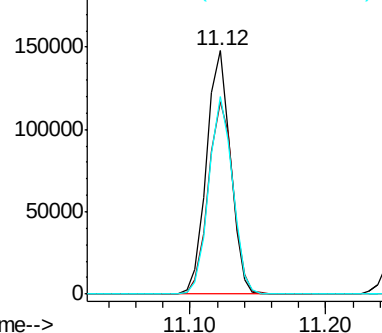
176 80.8 0.0 157.6

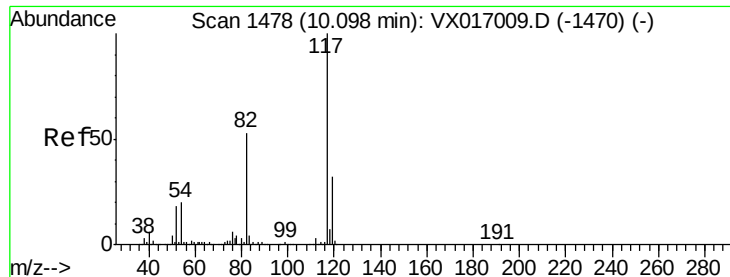


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

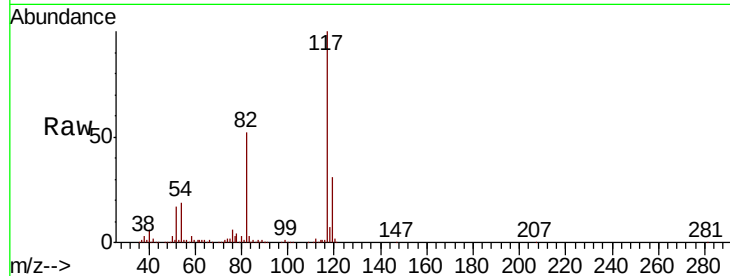
Tot Ion:117 Resp: 373535

Ion Ratio Lower Upper

117 100

82 52.1 42.6 63.8

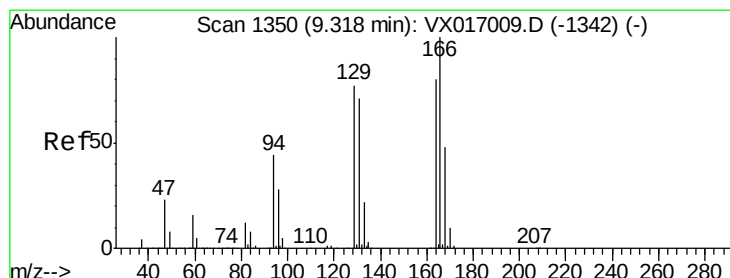
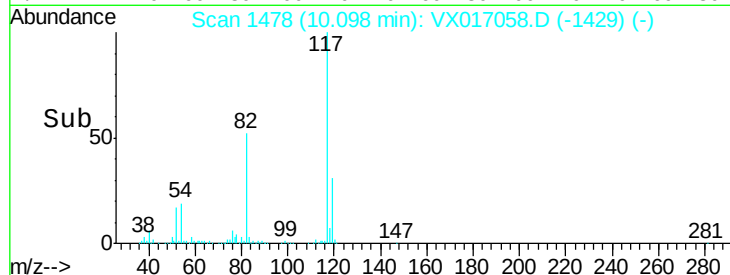
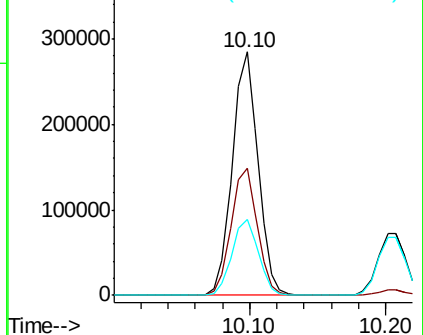
119 31.3 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 49.252 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Tgt Ion:164 Resp: 148478

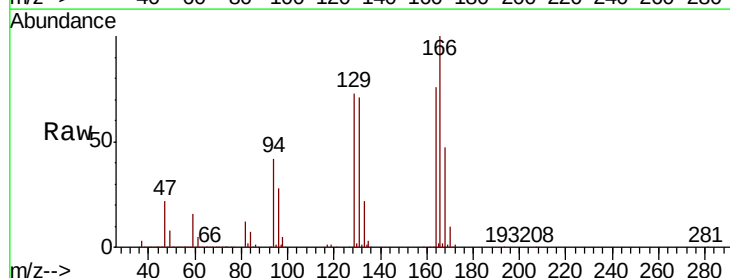
Ion Ratio Lower Upper

164 100

166 131.2 99.4 149.0

129 95.7 76.3 114.5

131 92.6 70.6 105.8

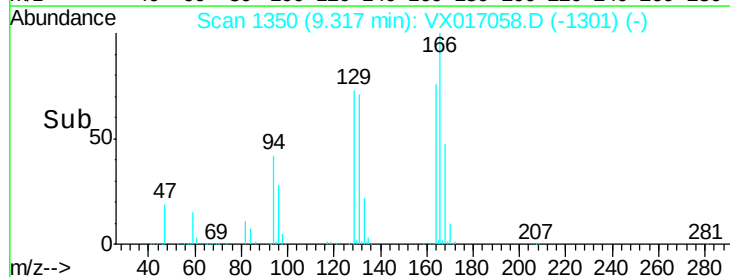
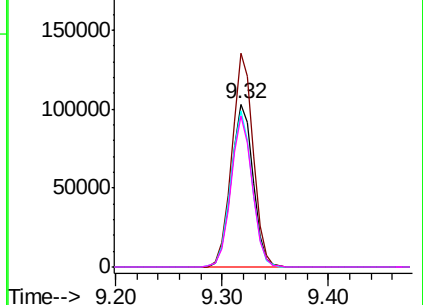


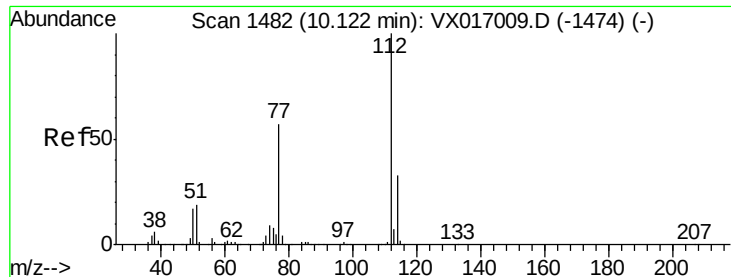
Abundance Ion 163.80 (163.50 to 164.50): V

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

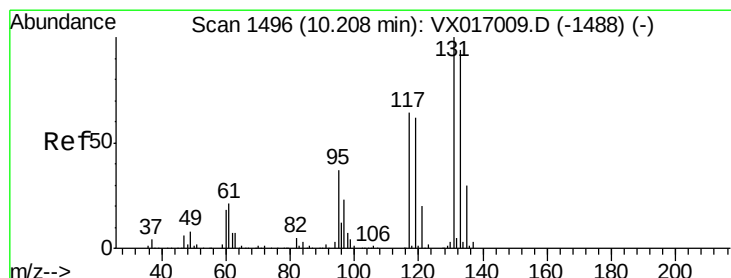
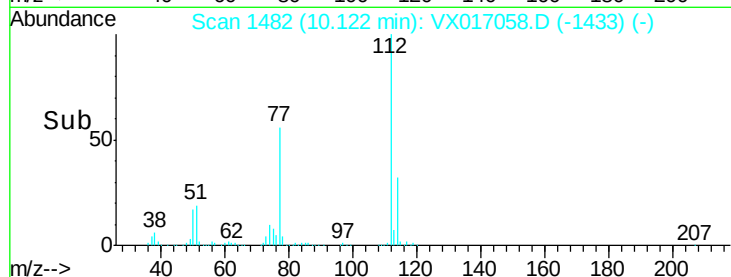
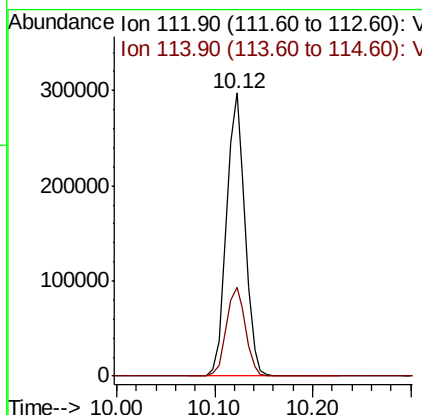
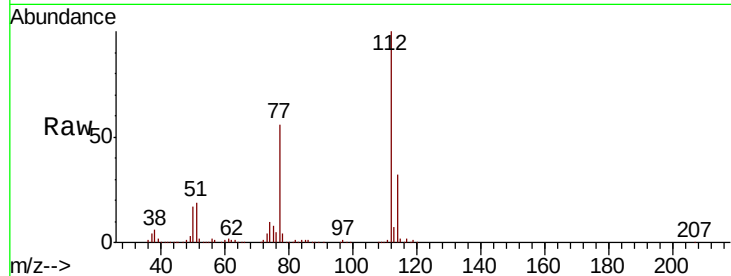




#65
Chlorobenzene
Concen: 50.499 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

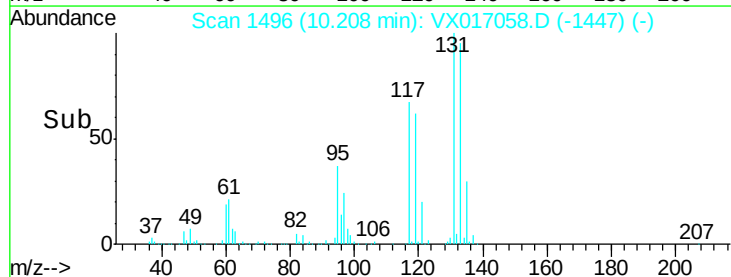
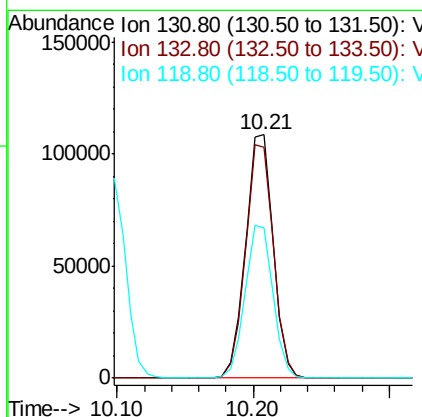
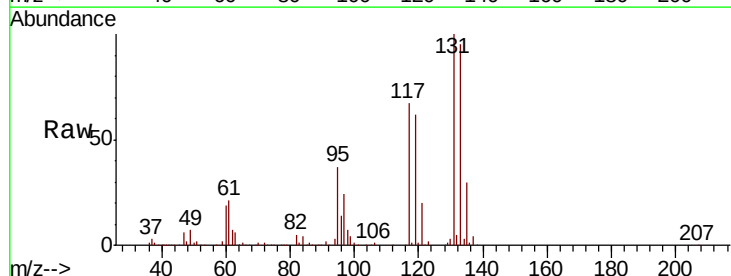
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

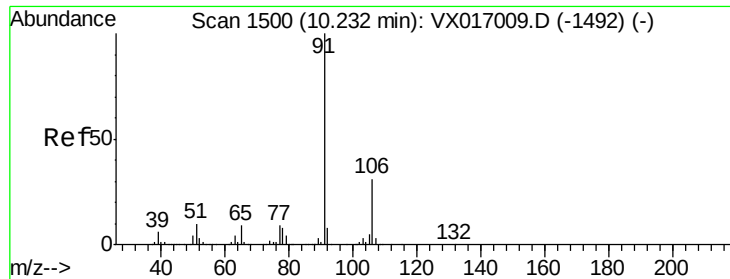
Tot Ion:112 Resp: 389323
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.040 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Tgt Ion:131 Resp: 154620
Ion Ratio Lower Upper
131 100
133 97.2 47.3 141.9
119 63.6 31.9 95.5

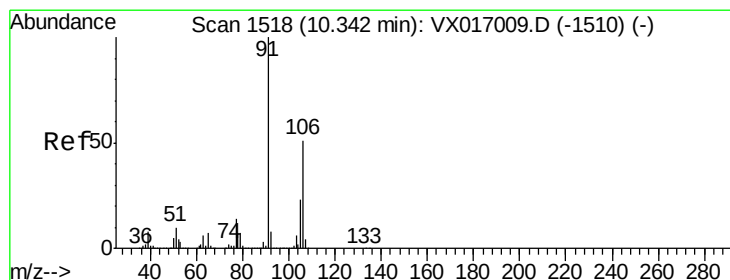
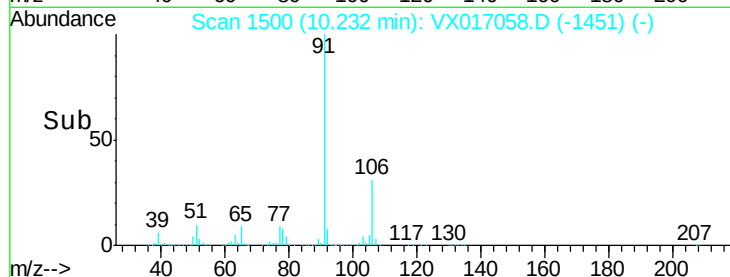
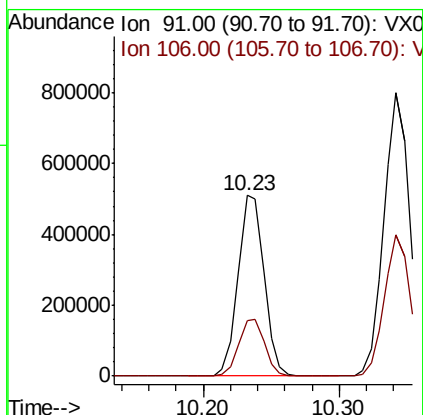
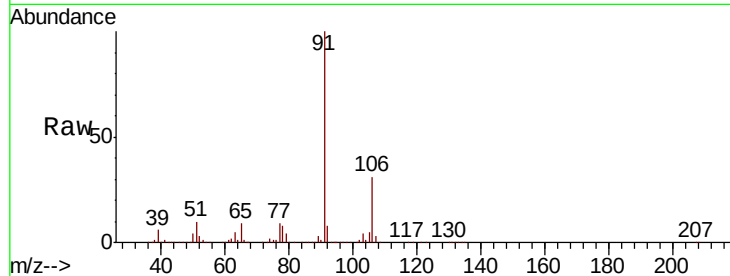




#67
Ethyl Benzene
Concen: 52.973 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

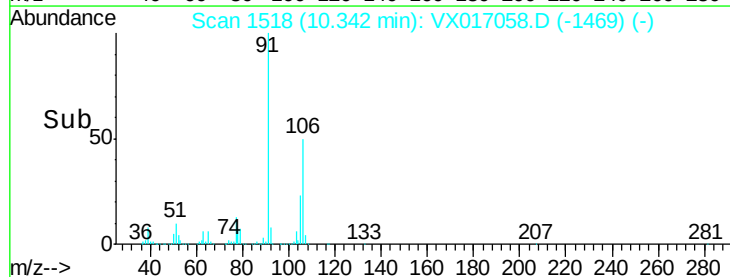
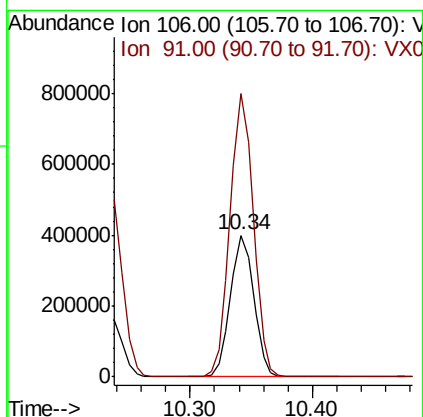
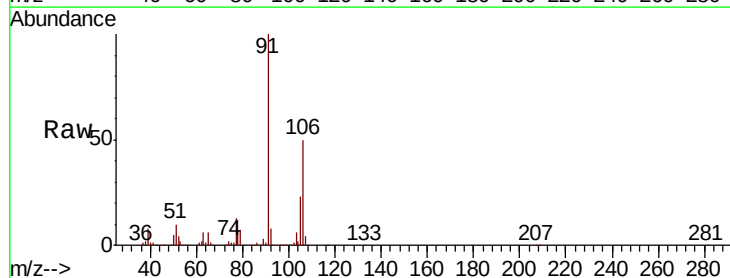
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

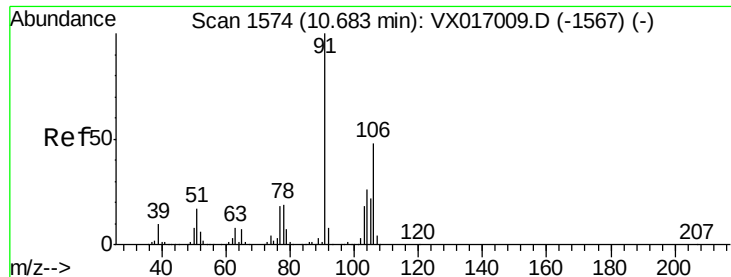
Tot Ion: 91 Resp: 682029
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1



#68
m/p-Xylenes
Concen: 107.064 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Tgt Ion: 106 Resp: 529278
Ion Ratio Lower Upper
106 100
91 199.7 158.6 238.0

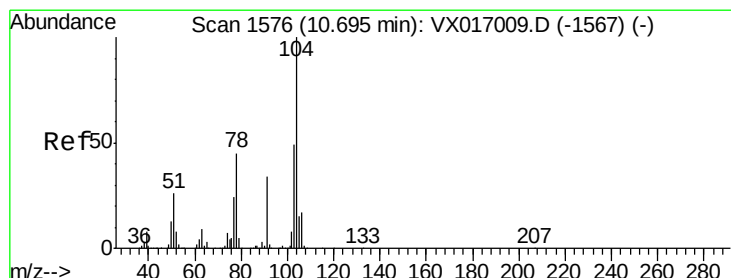
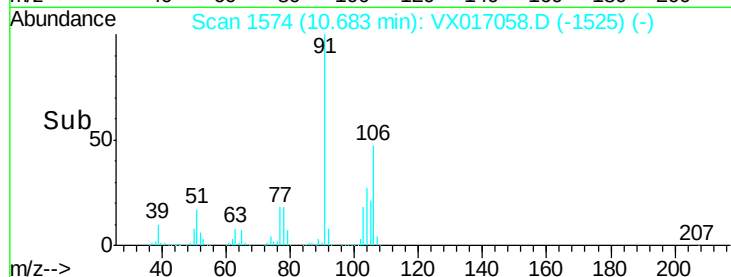
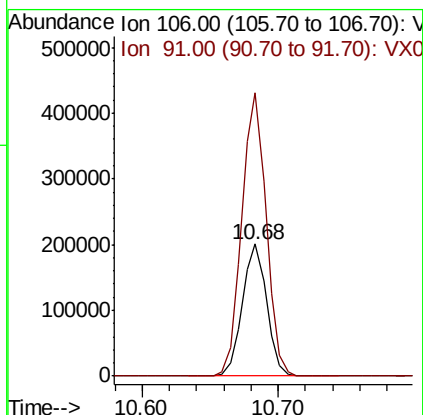
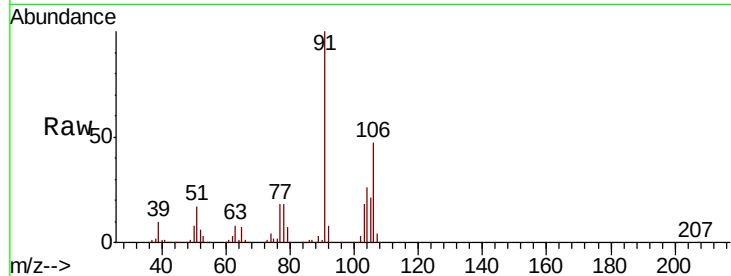




#69
o-Xylene
Concen: 53.213 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

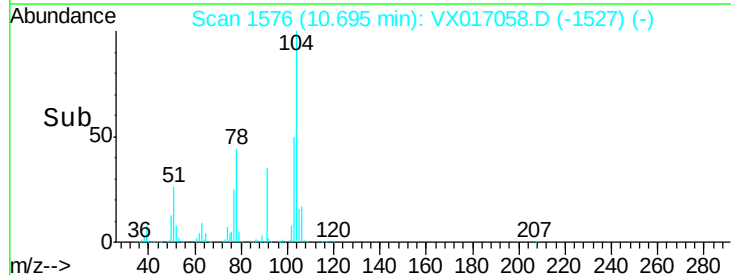
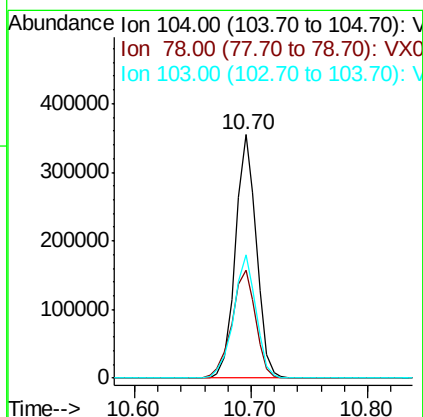
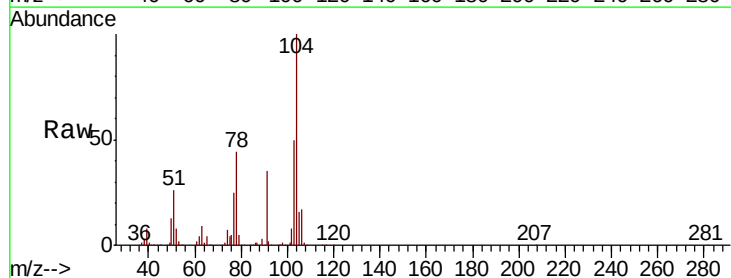
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

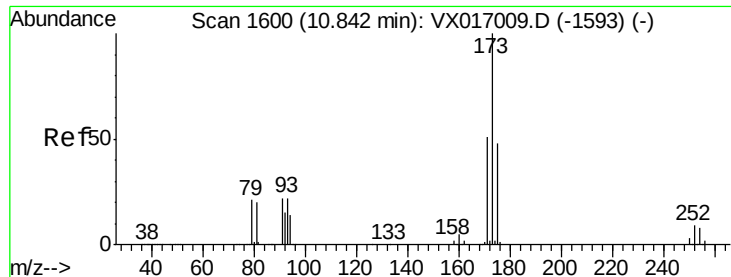
Tot Ion:106 Resp: 250252
Ion Ratio Lower Upper
106 100
91 215.2 105.6 316.7



#70
Styrene
Concen: 55.645 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Tgt Ion:104 Resp: 445628
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 54.1 43.0 64.6





#71

Bromoform

Concen: 56.923 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

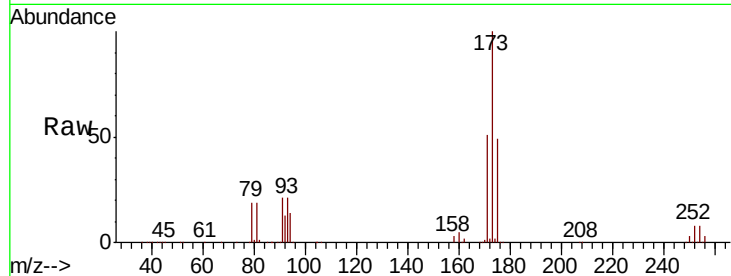
Tot Ion:173 Resp: 134116

Ion Ratio Lower Upper

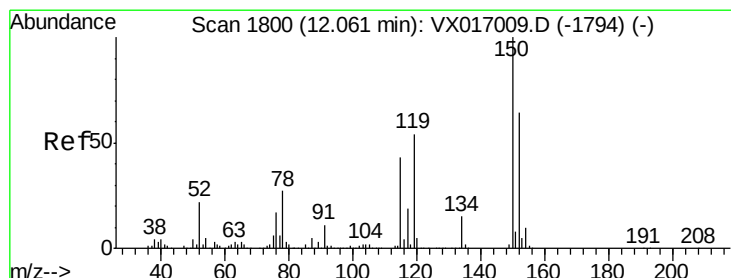
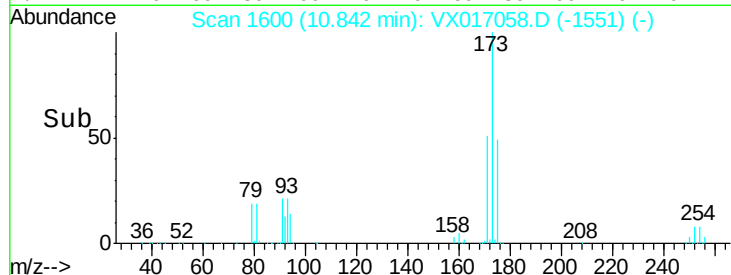
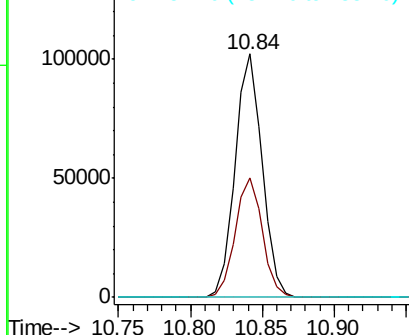
173 100

175 49.5 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: VX017058.D

Acq: 30 Jun 2020 20:12

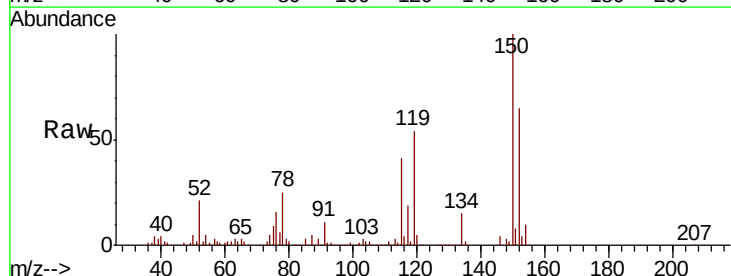
Tgt Ion:152 Resp: 198340

Ion Ratio Lower Upper

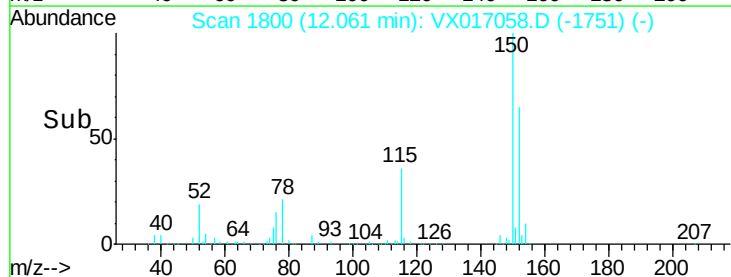
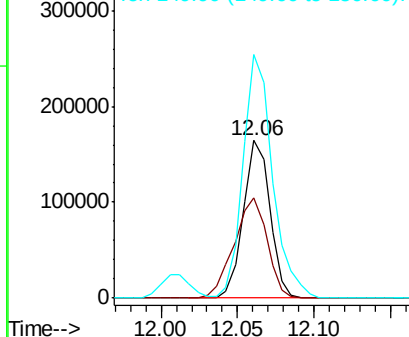
152 100

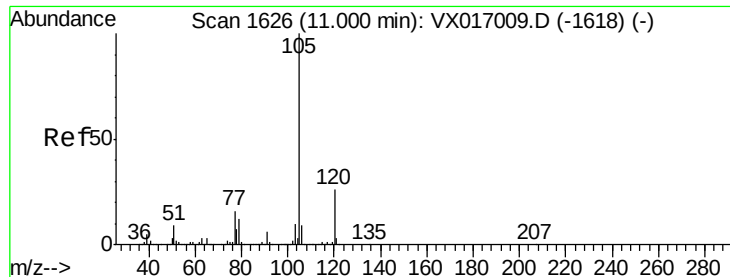
115 78.5 40.9 122.7

150 171.9 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: 52.100 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

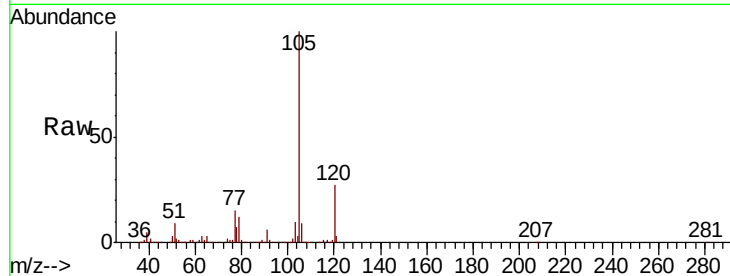
VSTDCCC050EC

Tot Ion:105 Resp: 676850

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

600000

500000

400000

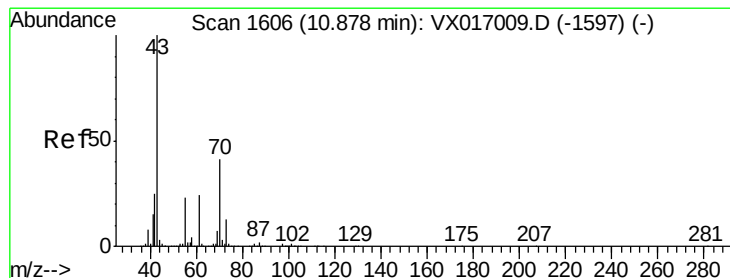
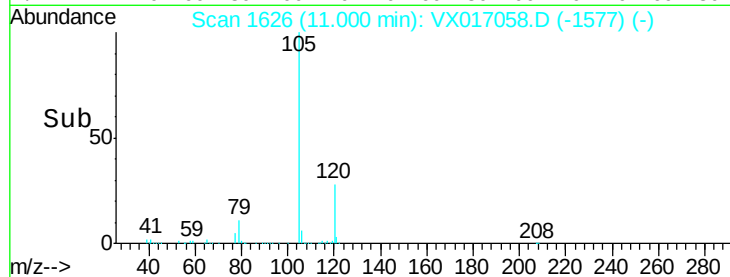
300000

200000

100000

0

Time--> 10.90 10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 53.470 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Tgt Ion: 43 Resp: 296405

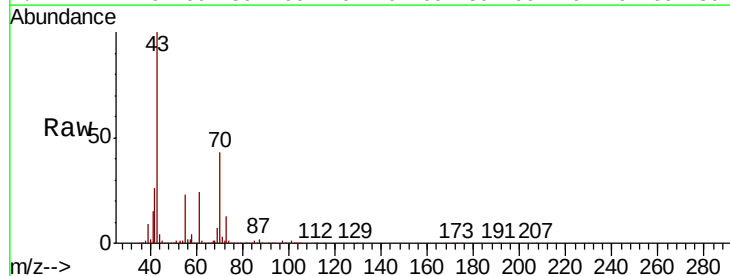
Ion Ratio Lower Upper

43 100

70 44.1 34.2 51.2

55 24.4 19.2 28.8

61 24.7 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

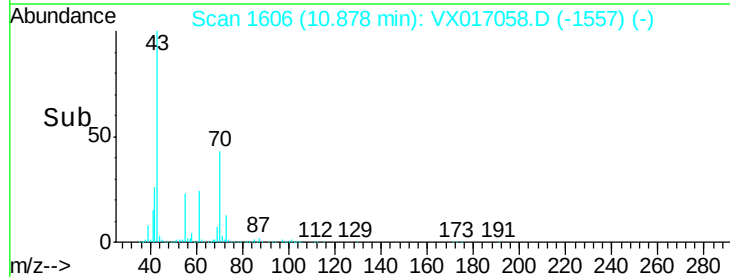
300000

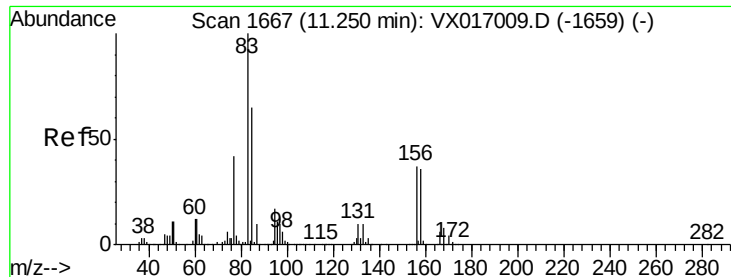
200000

100000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 51.439 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

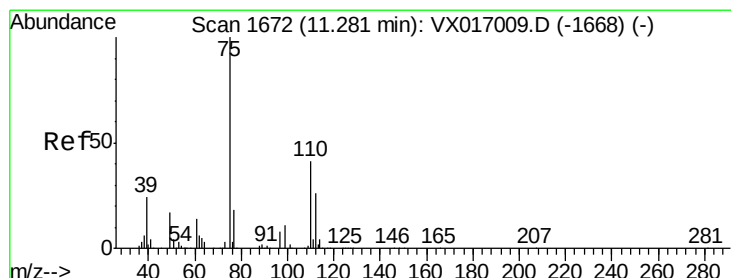
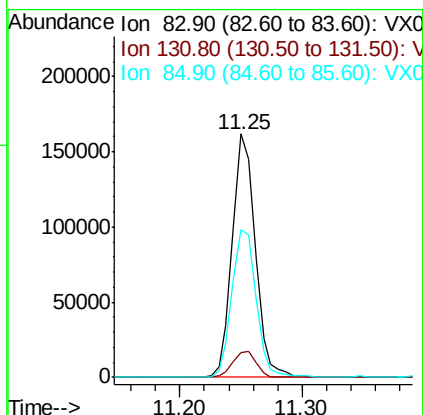
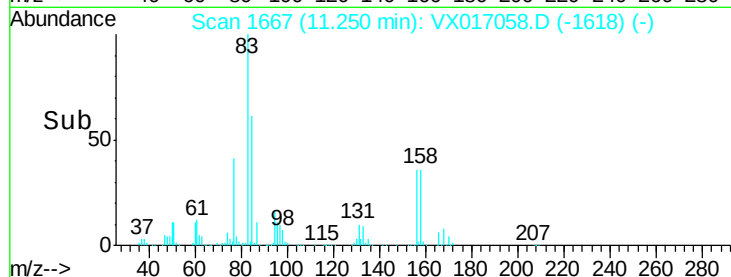
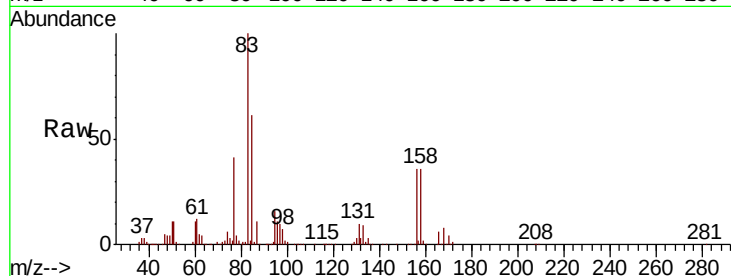
Tot Ion: 83 Resp: 210207

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

85 64.2 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 67.087 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017058.D

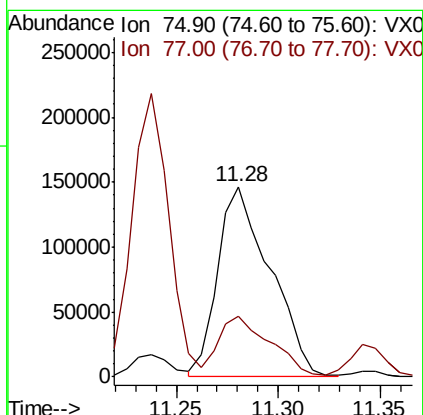
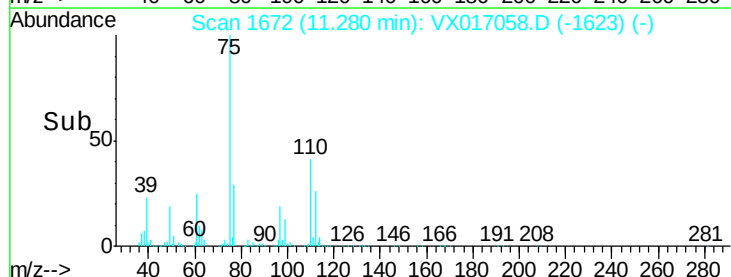
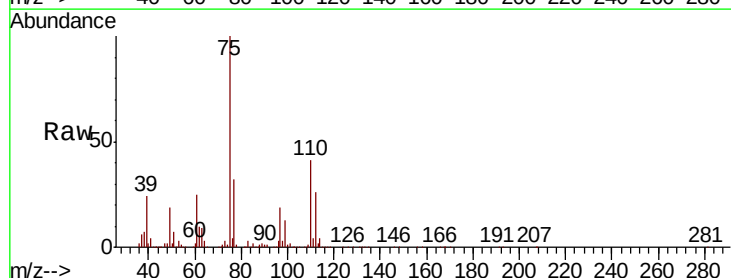
Acq: 30 Jun 2020 20:12

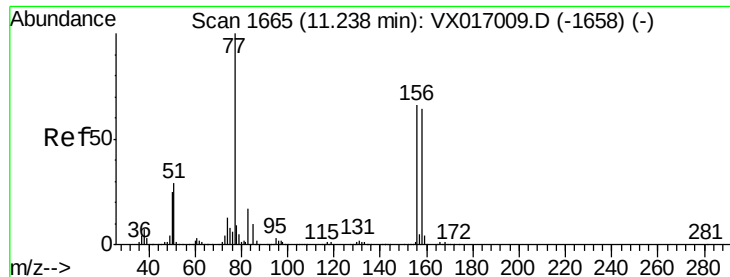
Tgt Ion: 75 Resp: 261657

Ion Ratio Lower Upper

75 100

77 31.4 20.2 60.6





#77

Bromobenzene

Concen: 51.606 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

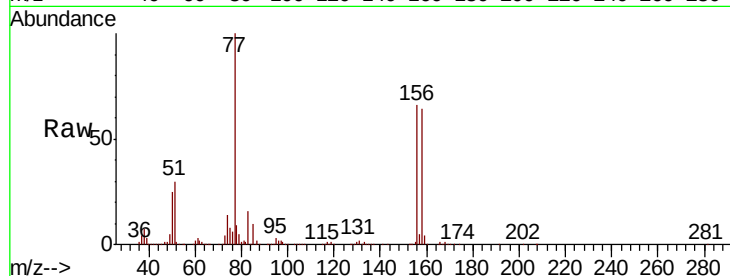
Tot Ion:156 Resp: 184260

Ion Ratio Lower Upper

156 100

77 150.0 76.9 230.7

158 96.9 47.9 143.6



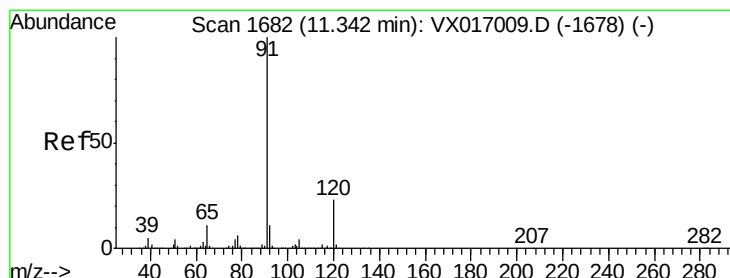
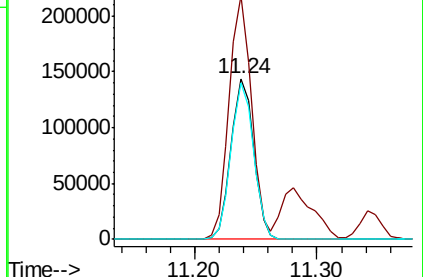
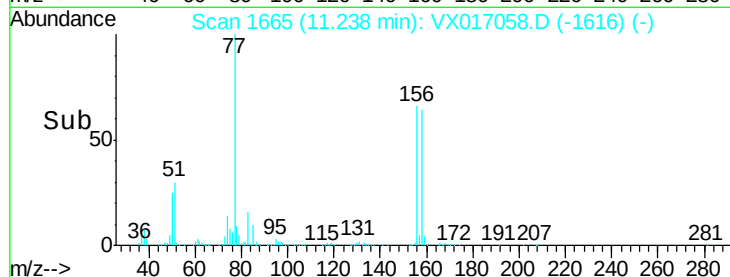
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

Time-->

11.20 11.30



#78

n-propylbenzene

Concen: 51.377 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017058.D

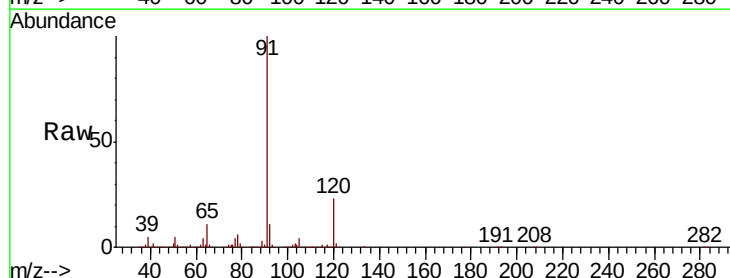
Acq: 30 Jun 2020 20:12

Tgt Ion: 91 Resp: 754790

Ion Ratio Lower Upper

91 100

120 24.1 11.9 35.9

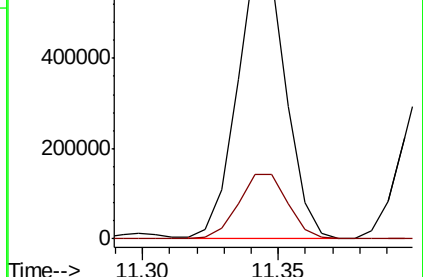
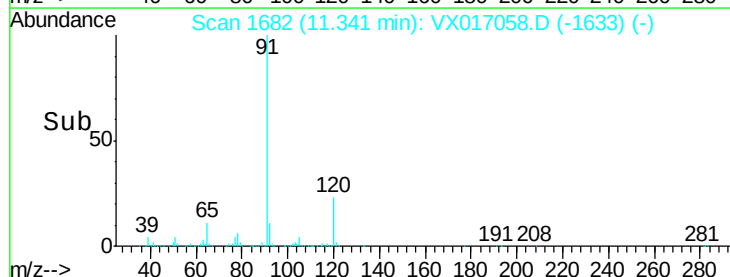


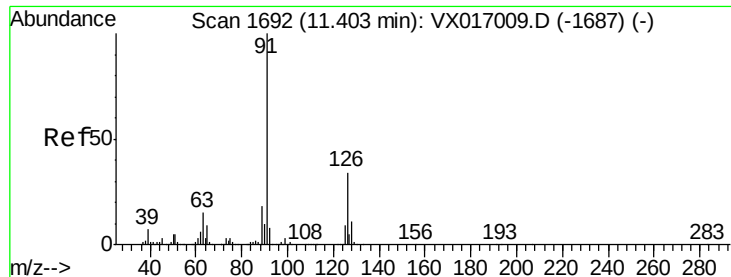
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

Time-->

11.30 11.35

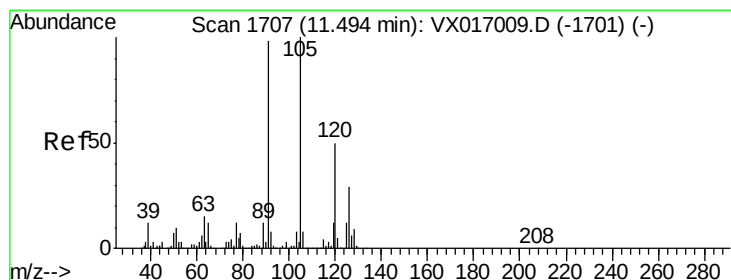
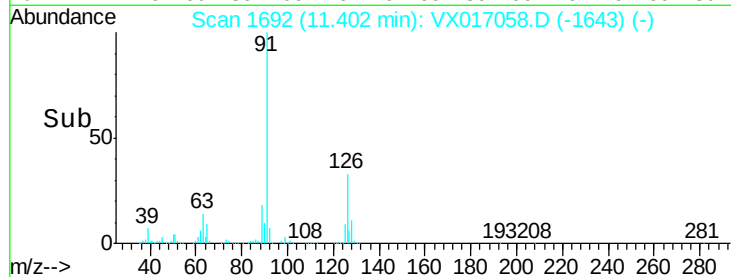
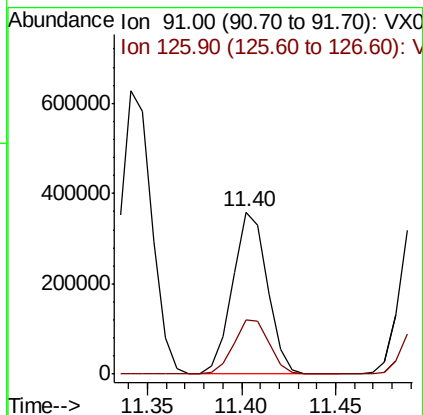
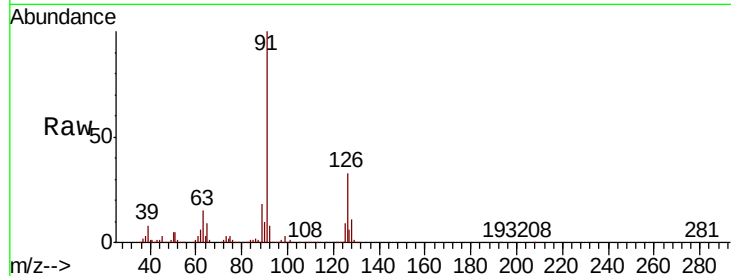




#79
 2-Chlorotoluene
 Concen: 51.469 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

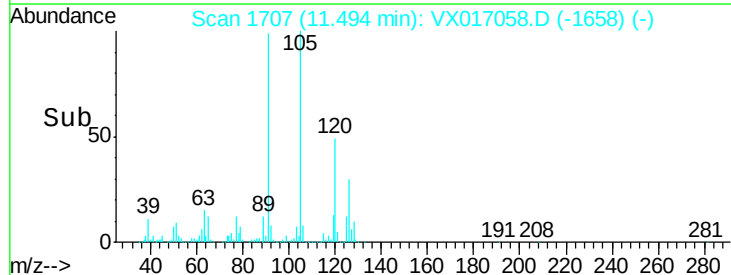
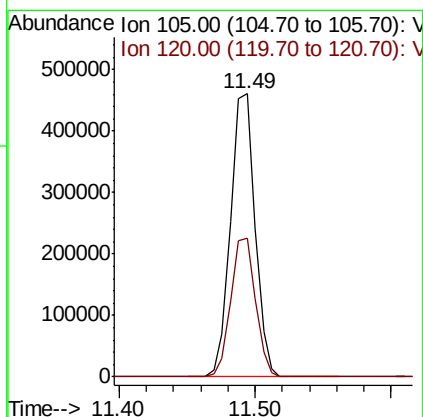
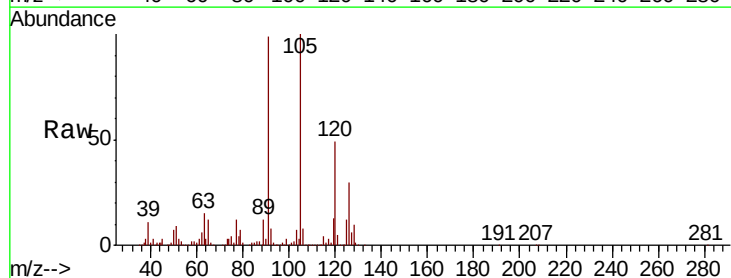
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

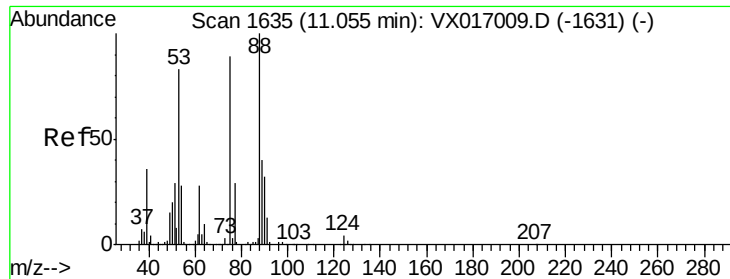
Tot Ion: 91 Resp: 457622
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 53.598 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Tgt Ion: 105 Resp: 577580
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.003 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

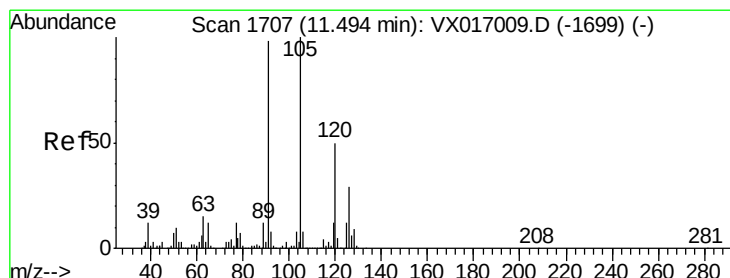
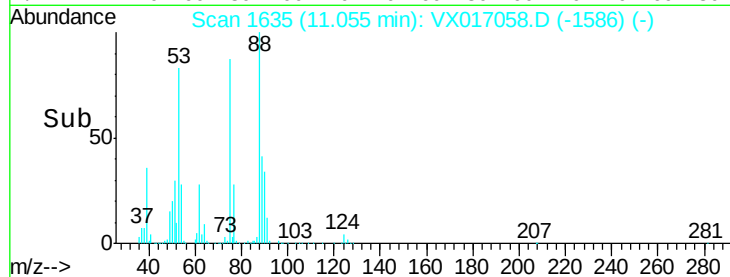
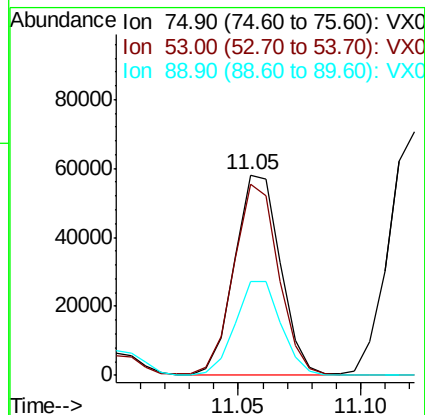
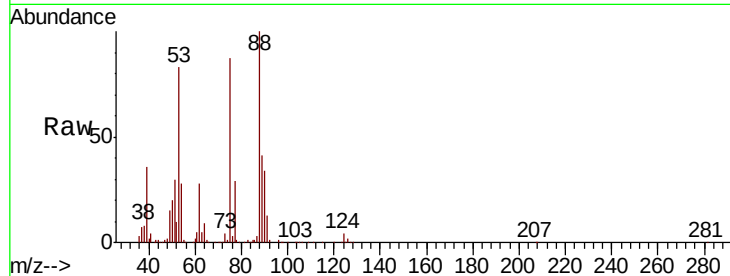
Tot Ion: 75 Resp: 75309

Ion Ratio Lower Upper

75 100

53 93.5 72.4 108.6

89 47.4 37.0 55.4



#82

4-Chlorotoluene

Concen: 51.669 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017058.D

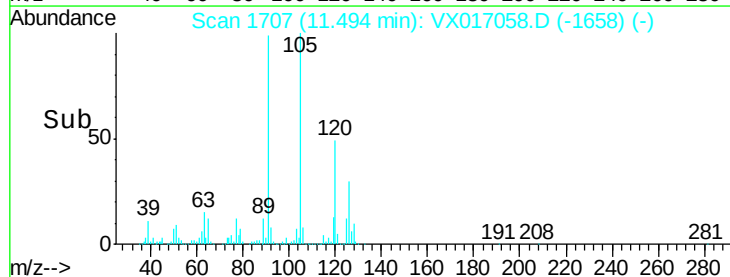
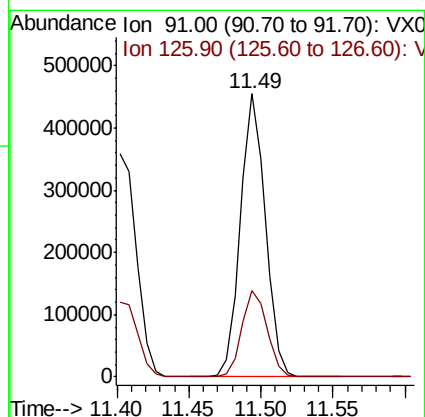
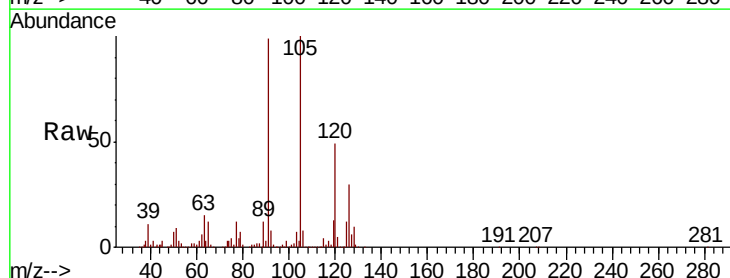
Acq: 30 Jun 2020 20:12

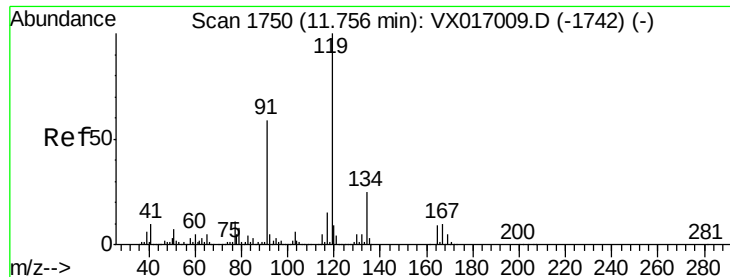
Tgt Ion: 91 Resp: 549184

Ion Ratio Lower Upper

91 100

126 31.1 15.2 45.5

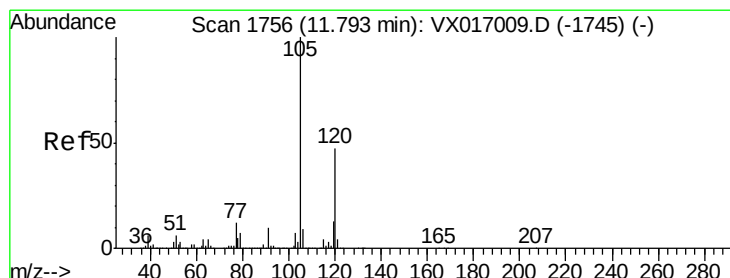
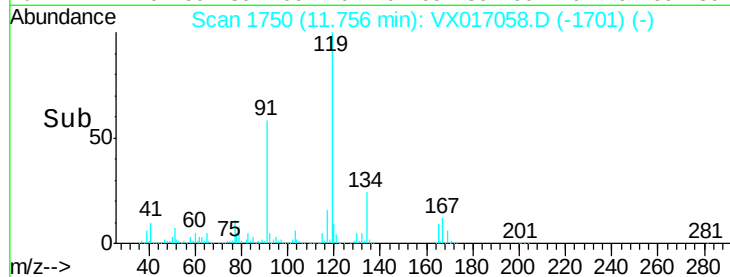
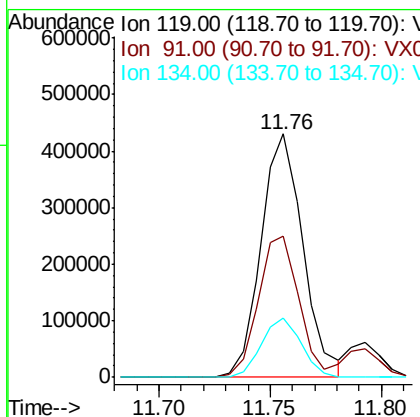
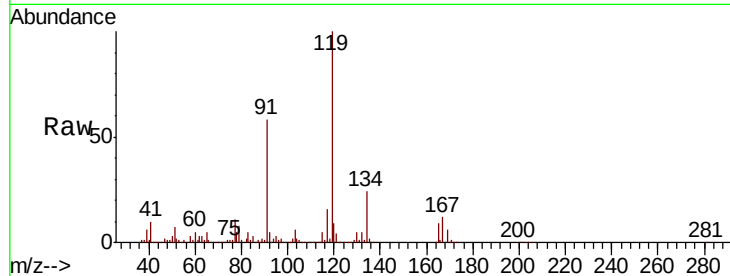




#83
 tert-Butylbenzene
 Concen: 53.241 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

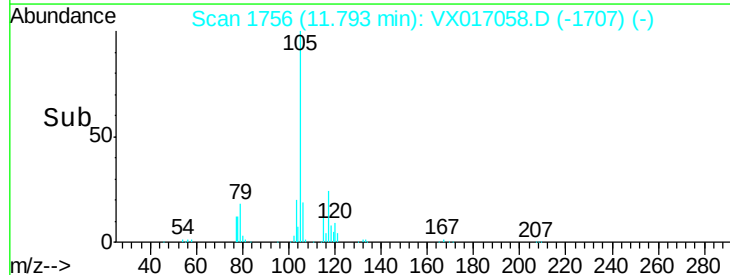
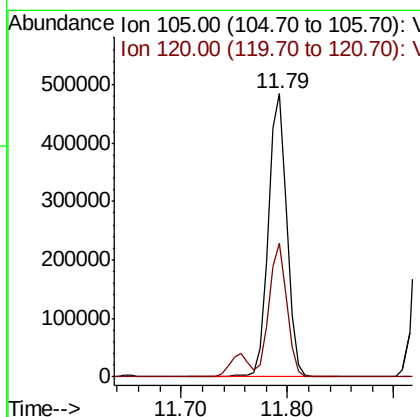
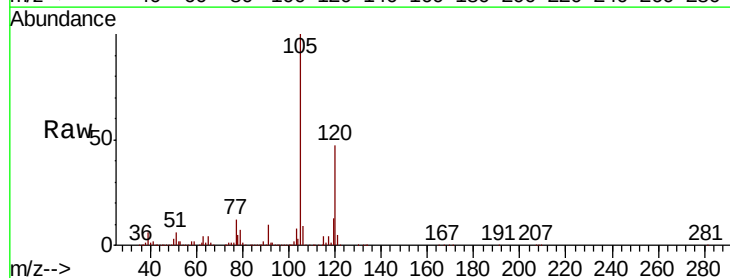
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

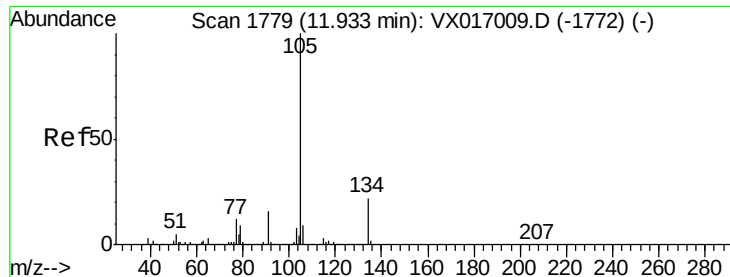
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.9	28.3	84.9
134	23.2	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.831 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.5





#85

sec-Butylbenzene

Concen: 51.870 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

Instrument :

MSVOA_X

ClientSampleId :

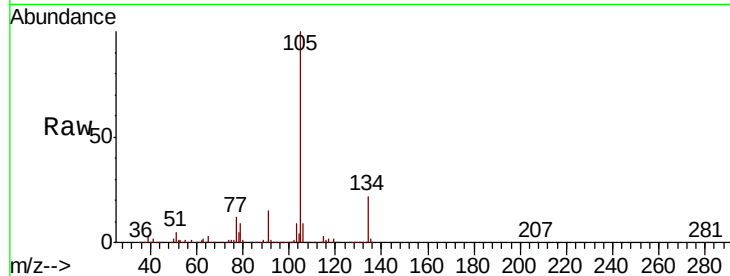
VSTDCCC050EC

Tot Ion:105 Resp: 644977

Ion Ratio Lower Upper

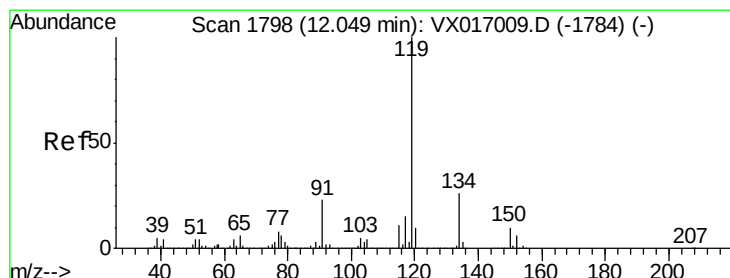
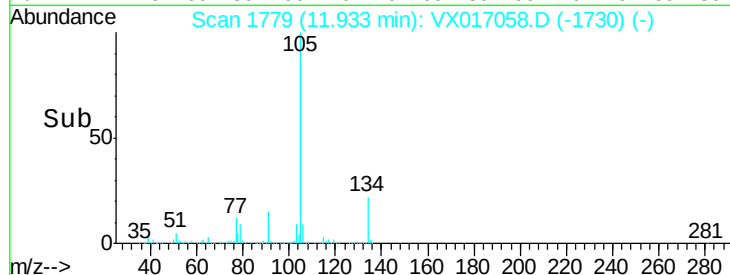
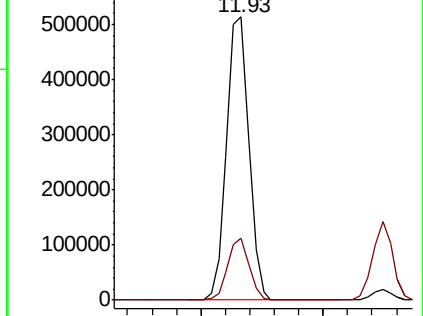
105 100

134 20.9 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.385 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017058.D

Acq: 30 Jun 2020 20:12

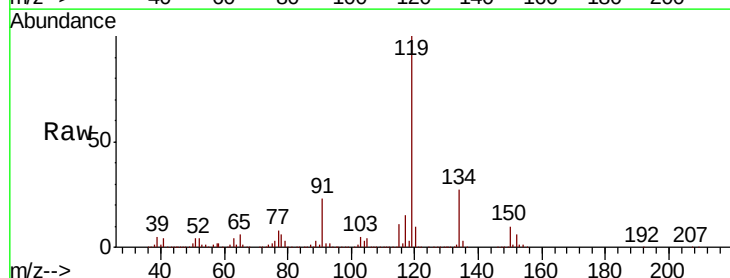
Tgt Ion:119 Resp: 617967

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

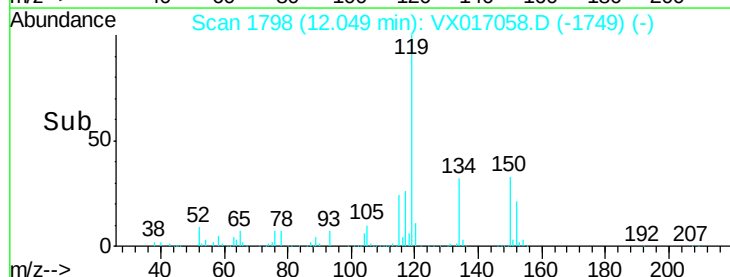
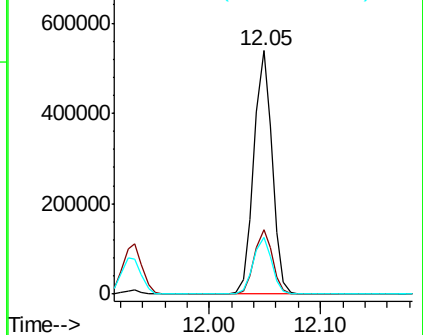
91 23.4 11.8 35.4

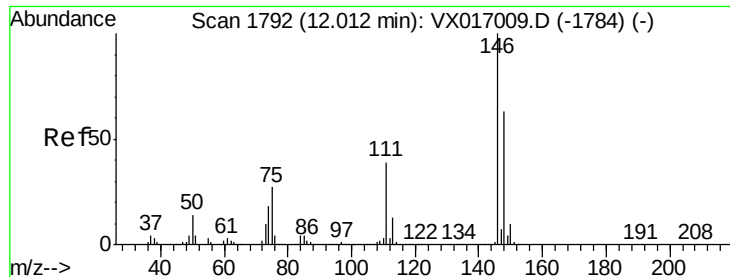


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

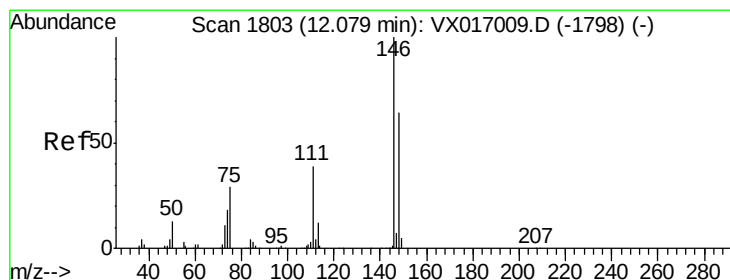
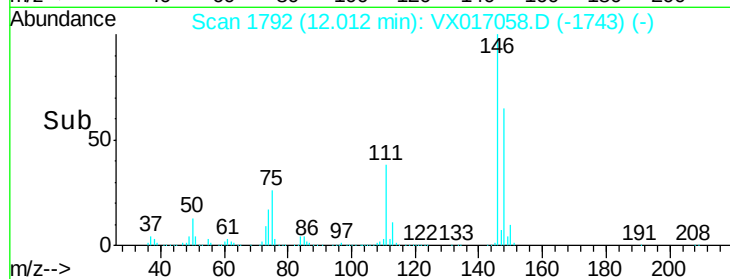
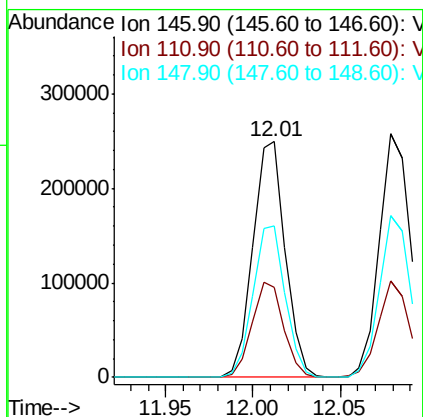
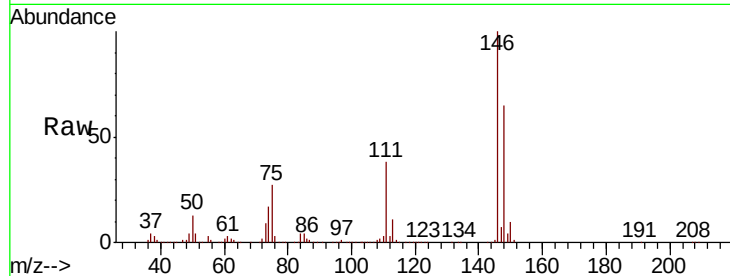




#87
 1,3-Dichlorobenzene
 Concen: 49.318 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

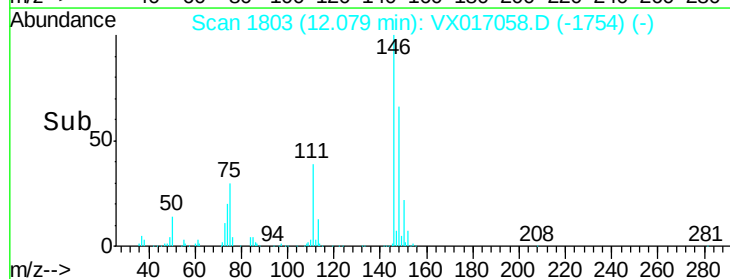
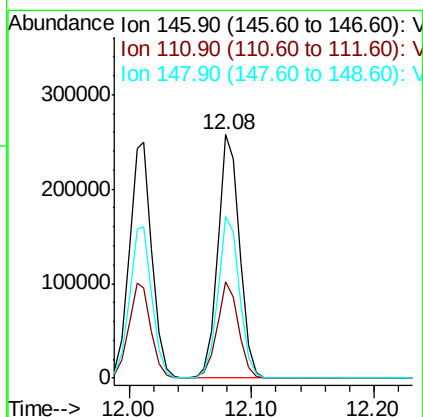
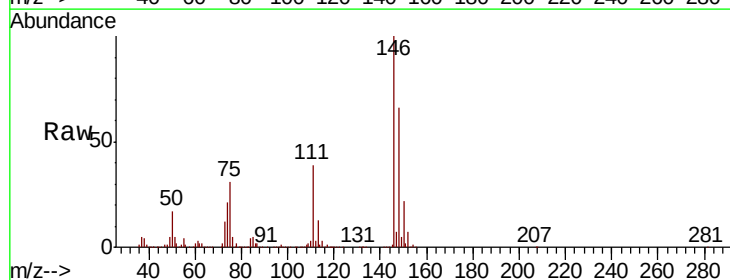
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

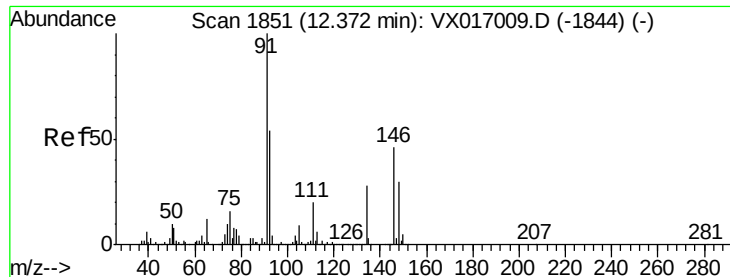
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.4	61.2
148	64.4	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 52.154 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	65.8	31.9	95.7

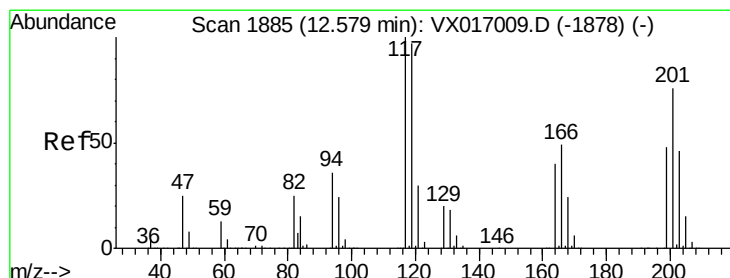
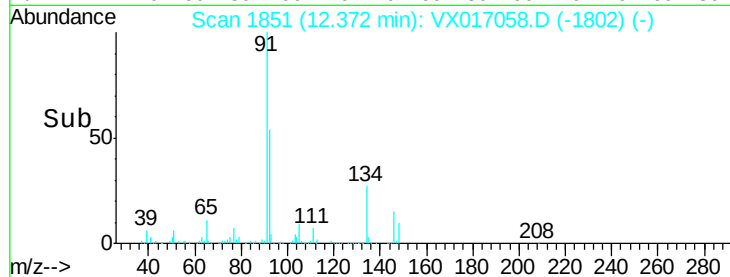
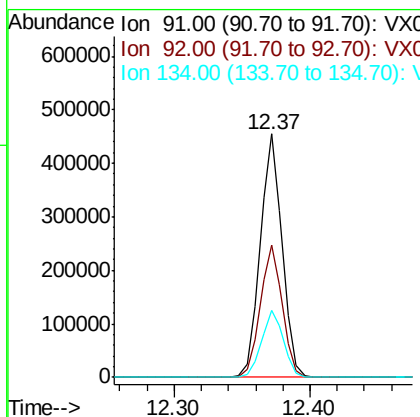
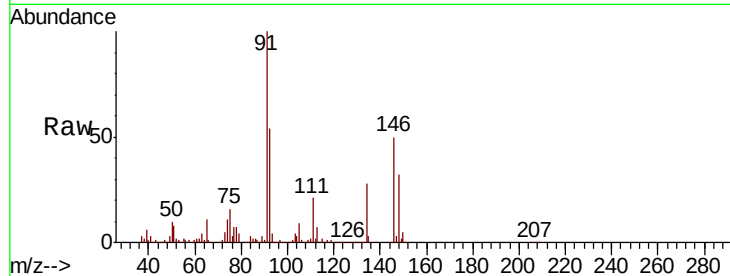




#89
n-Butylbenzene
Concen: 49.774 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

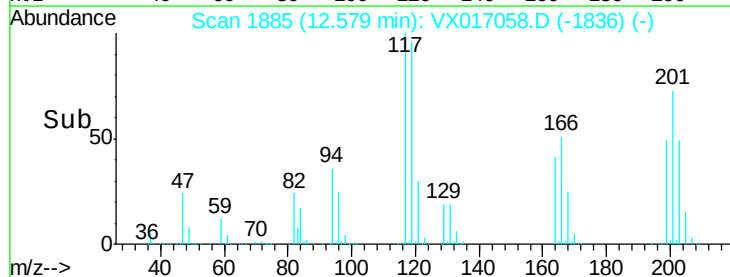
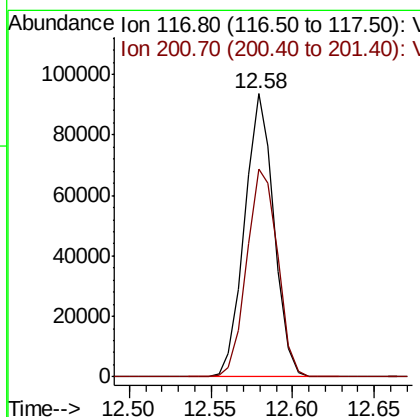
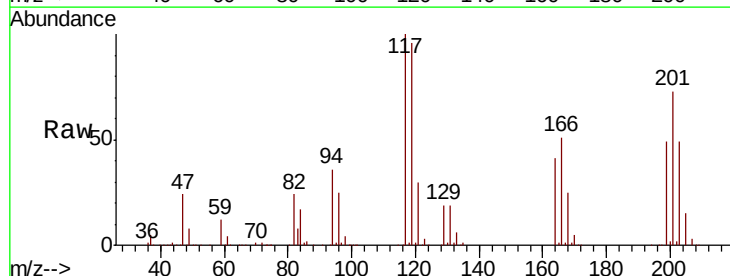
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

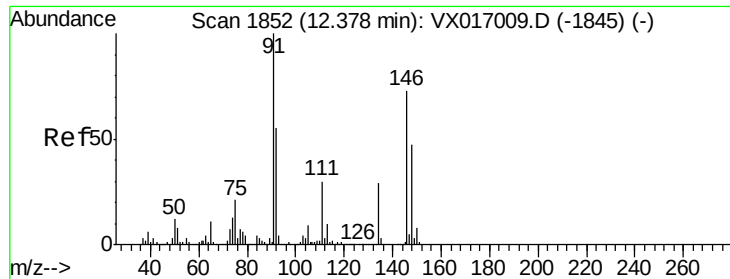
Tot Ion: 91 Resp: 514462
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 27.7 13.6 40.7



#90
Hexachloroethane
Concen: 51.504 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Tgt Ion: 117 Resp: 117570
Ion Ratio Lower Upper
117 100
201 77.3 39.4 118.2

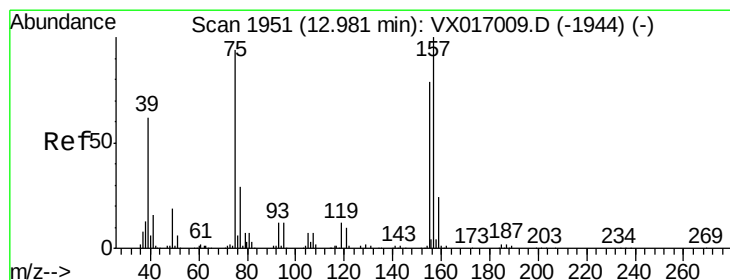
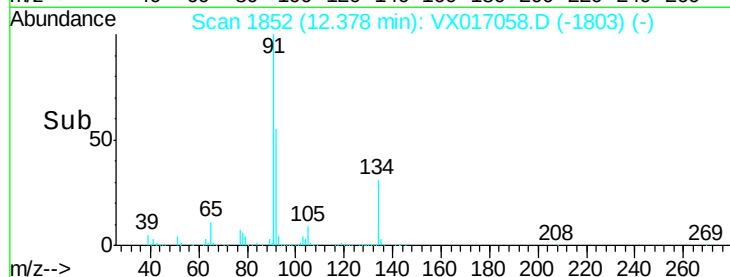
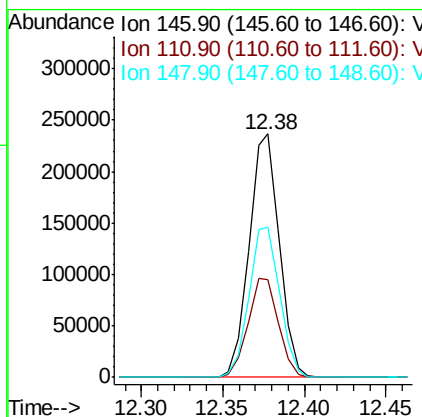
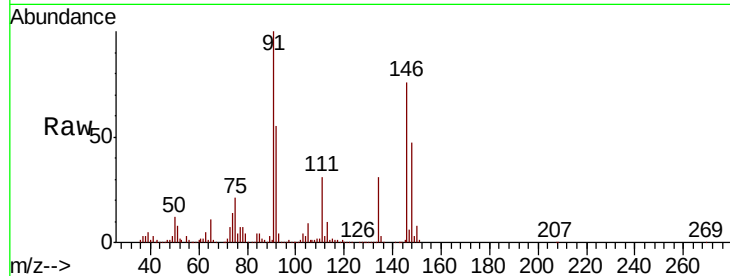




#91
 1,2-Dichlorobenzene
 Concen: 50.327 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

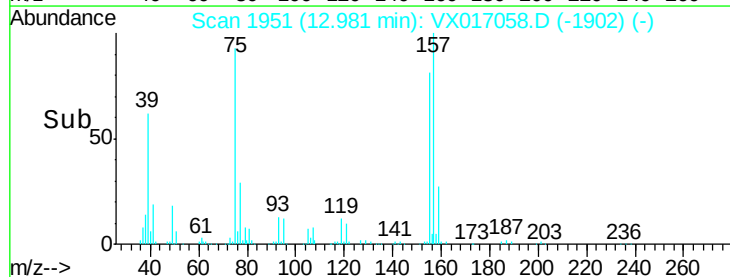
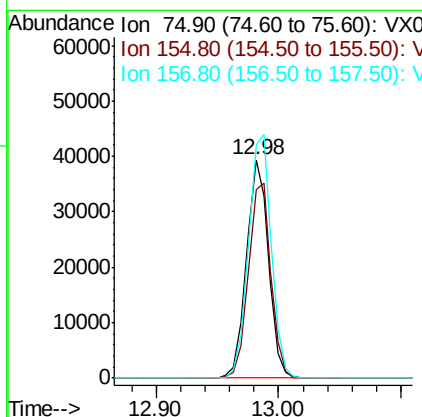
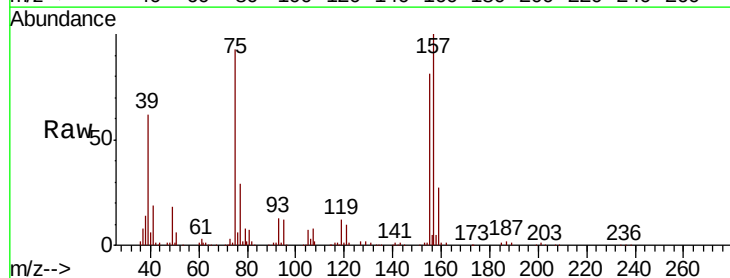
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

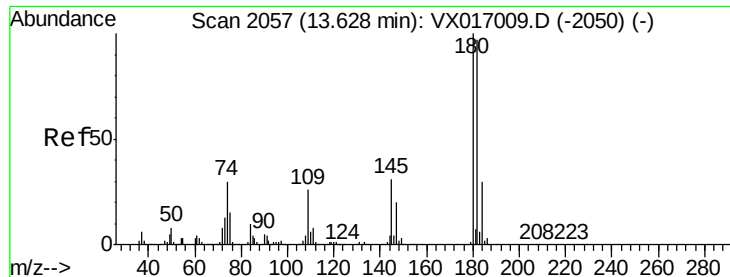
Tot Ion:146 Resp: 305063
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.9
 148 63.1 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.514 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Tgt Ion: 75 Resp: 49245
 Ion Ratio Lower Upper
 75 100
 155 91.4 45.1 135.2
 157 116.3 56.5 169.3

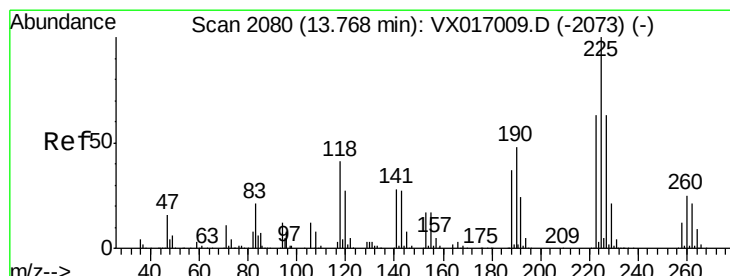
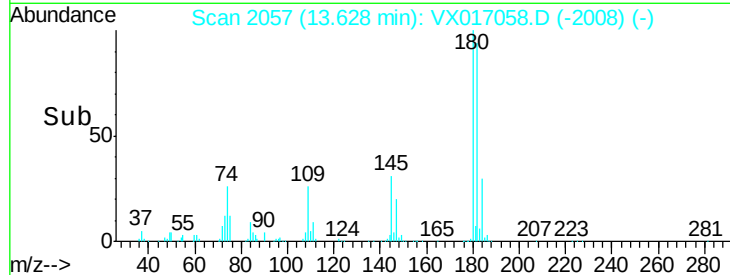
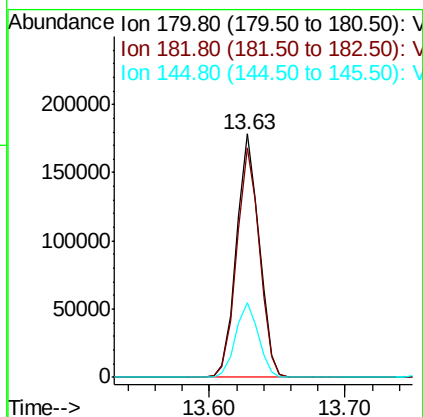
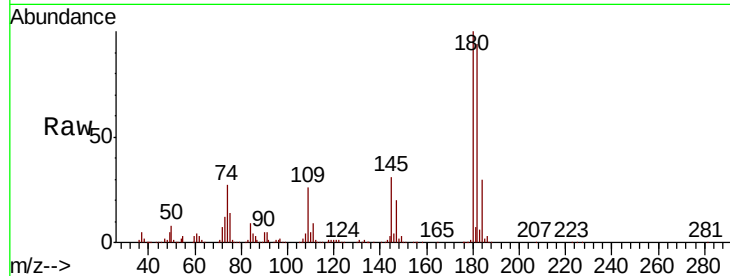




#93
 1,2,4-Trichlorobenzene
 Concen: 50.091 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

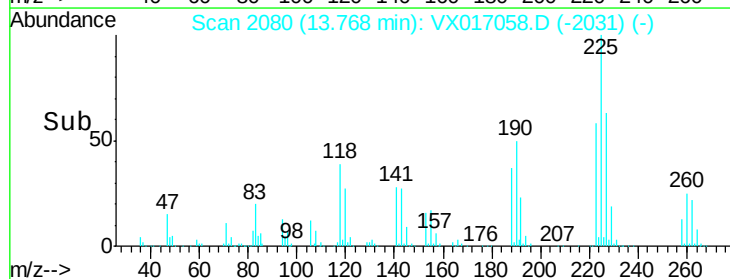
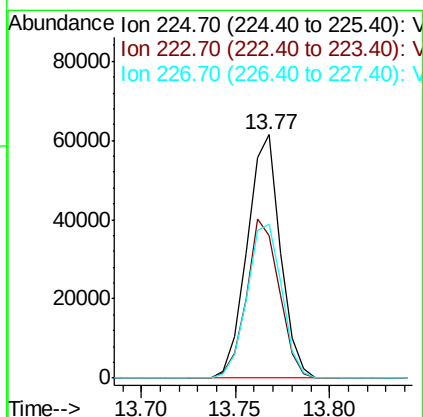
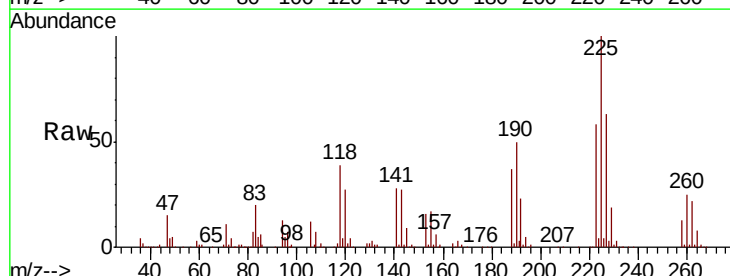
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

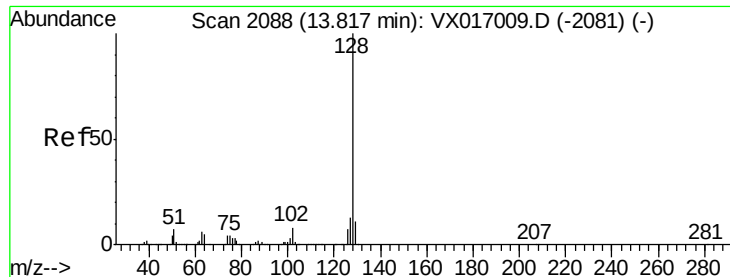
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	141.9
145	30.8	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 47.824 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017058.D
 Acq: 30 Jun 2020 20:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	32.5	97.5
227	65.9	33.1	99.2

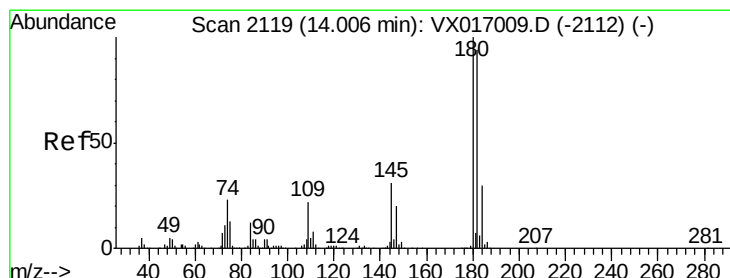
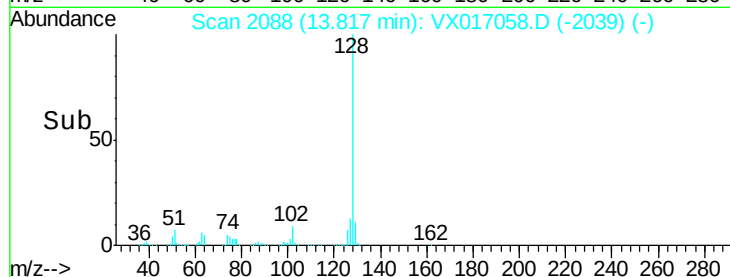
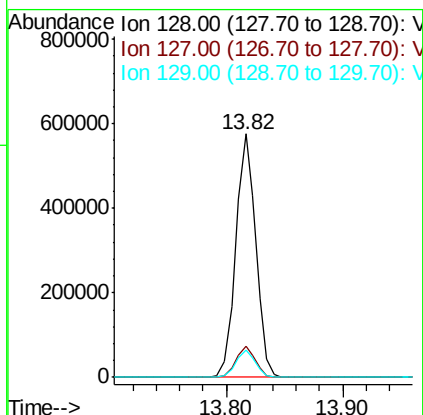
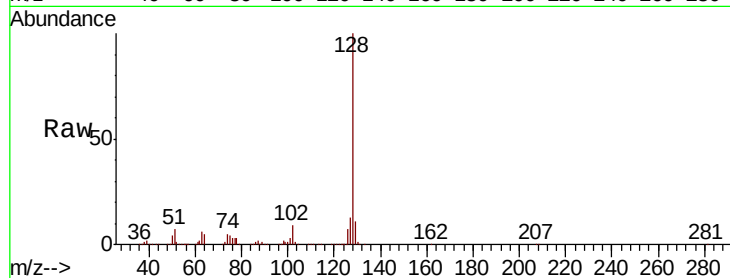




#95
Naphthalene
Concen: 54.600 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 686766
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.762 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017058.D
Acq: 30 Jun 2020 20:12

Tgt Ion:180 Resp: 207254
Ion Ratio Lower Upper
180 100
182 95.2 47.1 141.4
145 32.1 16.6 49.7

