

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017137.D
 Acq On : 02 Jul 2020 06:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 02 07:10:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	227225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	356840	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	341792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	145932	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	5.47	113	119020	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
50) Toluene-d8	8.70	98	437565	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
62) 4-Bromofluorobenzene	11.12	95	171532	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	109511	49.817	ug/l	99
3) Chloromethane	1.31	50	118927	44.694	ug/l	98
4) Vinyl Chloride	1.39	62	115525	46.794	ug/l	99
5) Bromomethane	1.62	94	63737	48.865	ug/l	97
6) Chloroethane	1.71	64	70403	48.285	ug/l	99
7) Trichlorofluoromethane	1.92	101	189398	51.872	ug/l	96
8) Diethyl Ether	2.17	74	66023	53.714	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109255	49.925	ug/l	98
10) Methyl Iodide	2.49	142	133331	47.217	ug/l	98
11) Tert butyl alcohol	3.02	59	143698	268.900	ug/l	100
12) 1,1-Dichloroethene	2.36	96	110551	49.176	ug/l	99
13) Acrolein	2.27	56	52721	165.037	ug/l	98
14) Allyl chloride	2.71	41	189419	45.593	ug/l	98
15) Acrylonitrile	3.12	53	331731	258.226	ug/l	99
16) Acetone	2.42	43	280179	267.368	ug/l	99
17) Carbon Disulfide	2.55	76	311974	49.730	ug/l	100
18) Methyl Acetate	2.75	43	150282	54.936	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	388103	51.439	ug/l	100
20) Methylene Chloride	2.83	84	127420	53.066	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	124906	50.067	ug/l	97
22) Diisopropyl ether	3.82	45	393106	51.122	ug/l	99
23) Vinyl Acetate	3.79	43	1687560	255.395	ug/l	100
24) 1,1-Dichloroethane	3.67	63	217591	49.732	ug/l	99
25) 2-Butanone	4.64	43	458138	262.379	ug/l	98
26) 2,2-Dichloropropane	4.56	77	128423	33.057	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	136246	48.199	ug/l	97
28) Bromochloromethane	4.98	49	99145	46.567	ug/l	98
29) Tetrahydrofuran	5.09	42	296972	257.412	ug/l	98
30) Chloroform	5.18	83	228869	51.029	ug/l	98
31) Cyclohexane	5.55	56	182081	48.146	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	208792	50.548	ug/l	99
36) 1,1-Dichloropropene	5.77	75	163896	48.597	ug/l	99
37) Ethyl Acetate	4.80	43	176352	51.537	ug/l	100
38) Carbon Tetrachloride	5.75	117	189863	51.112	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	179245	47.768	ug/l	99
40) Benzene	6.12	78	489427	49.391	ug/l	98
41) Methacrylonitrile	5.01	41	97632	50.694	ug/l	99
42) 1,2-Dichloroethane	6.16	62	184601	51.575	ug/l	99
43) Isopropyl Acetate	6.42	43	283293	49.822	ug/l	99
44) Trichloroethene	7.19	130	142350	52.071	ug/l	100
45) 1,2-Dichloropropane	7.49	63	126336	49.639	ug/l	98
46) Dibromomethane	7.64	93	89225	51.350	ug/l	97
47) Bromodichloromethane	7.88	83	188032	52.510	ug/l	99
48) Methyl methacrylate	7.74	41	143876	53.259	ug/l	99
49) 1,4-Dioxane	7.71	88	64086	1047.150	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	908356	267.993	ug/l	100
52) Toluene	8.77	92	312832	50.565	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	192261	48.663	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	201518	47.581	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	130974	51.815	ug/l	99
56) Ethyl methacrylate	9.16	69	193764	53.857	ug/l	99
57) 1,3-Dichloropropane	9.35	76	218984	51.199	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	496818	277.462	ug/l	99
59) 2-Hexanone	9.47	43	692163	279.611	ug/l	99
60) Dibromochloromethane	9.57	129	157318	53.585	ug/l	100
61) 1,2-Dibromoethane	9.65	107	141724	52.161	ug/l	99
64) Tetrachloroethene	9.32	164	139661	50.630	ug/l	96
65) Chlorobenzene	10.12	112	344013	48.766	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	138071	50.786	ug/l	99
67) Ethyl Benzene	10.24	91	604931	51.349	ug/l	100
68) m/p-Xylenes	10.34	106	466485	103.125	ug/l	97
69) o-Xylene	10.68	106	220036	51.133	ug/l	99
70) Styrene	10.70	104	395935	54.032	ug/l	100
71) Bromoform	10.84	173	120906	56.082	ug/l #	98
73) Isopropylbenzene	11.00	105	603207	48.684	ug/l	99
74) N-amyl acetate	10.88	43	254231	48.088	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	185605	47.622	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	224520	60.359	ug/l	86
77) Bromobenzene	11.24	156	161789	47.511	ug/l	98
78) n-propylbenzene	11.34	91	681605	48.647	ug/l	99
79) 2-Chlorotoluene	11.40	91	414453	48.875	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	523091	50.897	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	59877	41.686	ug/l	94
82) 4-Chlorotoluene	11.49	91	494803	48.811	ug/l	100
83) tert-Butylbenzene	11.76	119	503612	49.918	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	528848	50.722	ug/l	100
85) sec-Butylbenzene	11.93	105	587138	49.509	ug/l	100
86) p-Isopropyltoluene	12.05	119	553507	50.137	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	289858	46.867	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	297088	50.940	ug/l	99
89) n-Butylbenzene	12.37	91	464488	47.120	ug/l	99
90) Hexachloroethane	12.58	117	103708	47.636	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	281004	48.607	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44526	47.890	ug/l	99

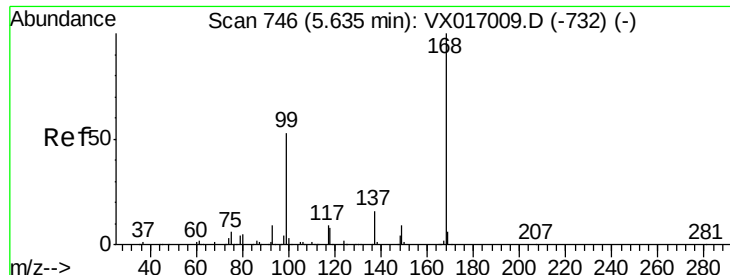
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	182317	46.205	ug/l	98
94) Hexachlorobutadiene	13.77	225	75413	50.352	ug/l	94
95) Naphthalene	13.82	128	611339	50.962	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	186270	48.779	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

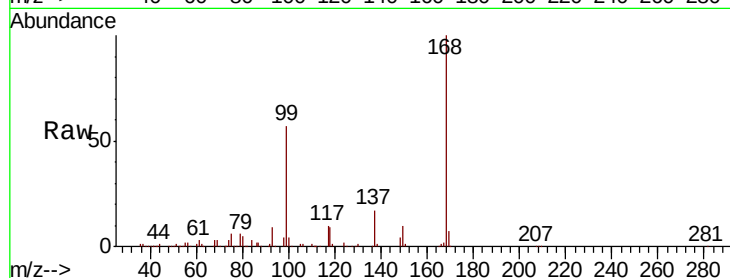
VSTDCCC050EC

Tot Ion:168 Resp: 227225

Ion Ratio Lower Upper

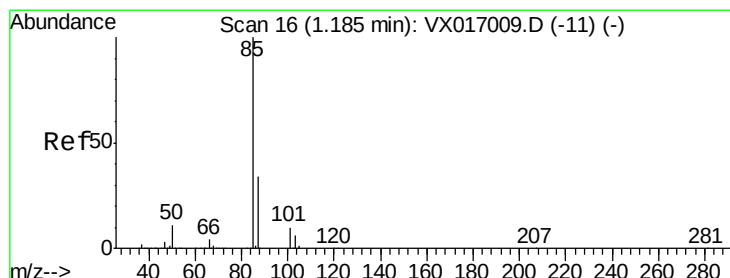
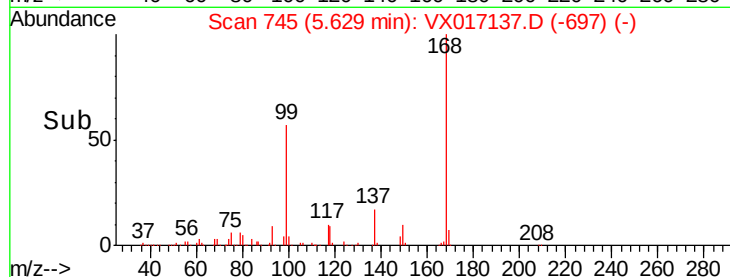
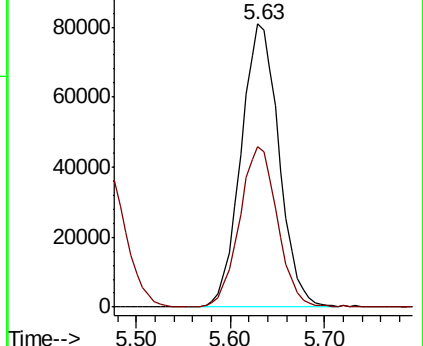
168 100

99 56.4 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.817 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017137.D

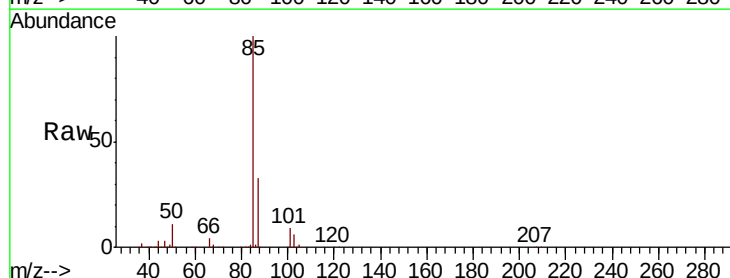
Acq: 02 Jul 2020 06:48

Tgt Ion: 85 Resp: 109511

Ion Ratio Lower Upper

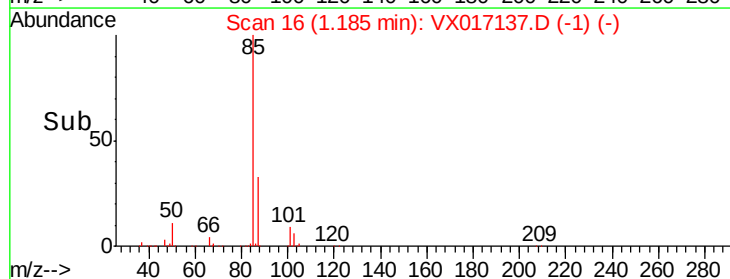
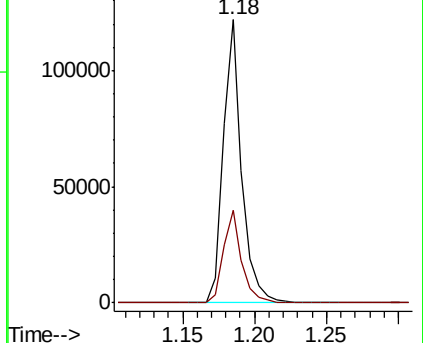
85 100

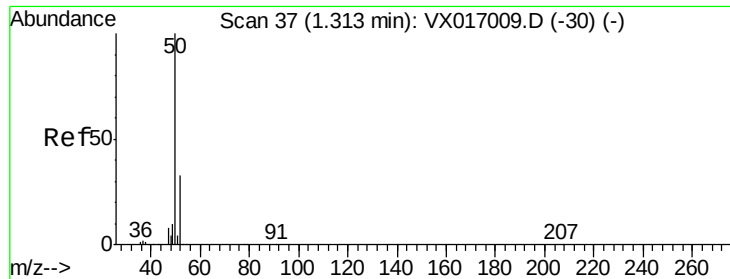
87 32.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.694 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

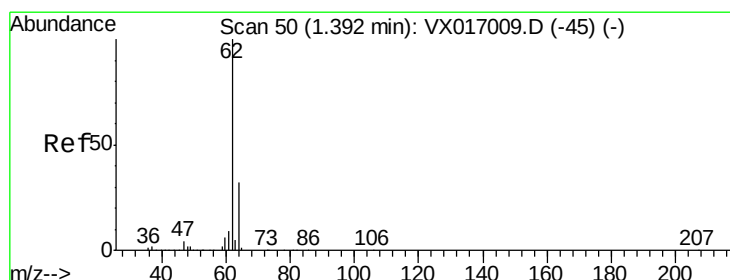
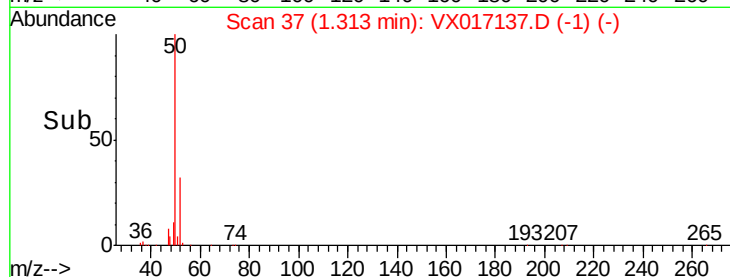
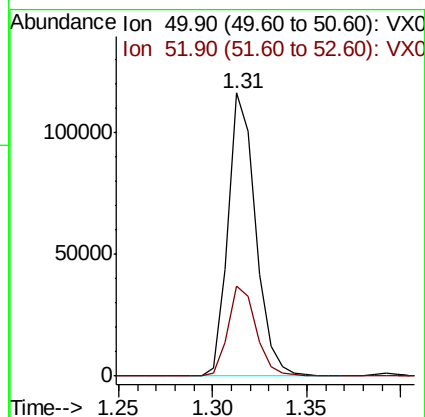
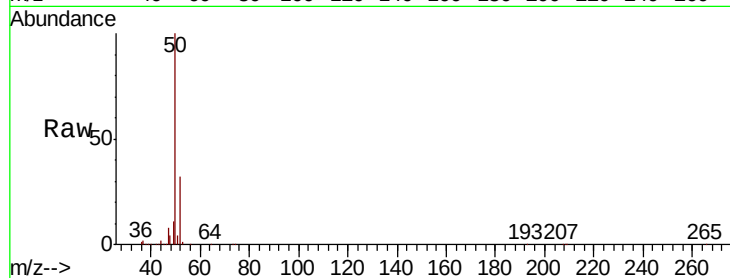
VSTDCCC050EC

Tot Ion: 50 Resp: 118927

Ion Ratio Lower Upper

50 100

52 31.7 26.1 39.1



#4

Vinyl Chloride

Concen: 46.794 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017137.D

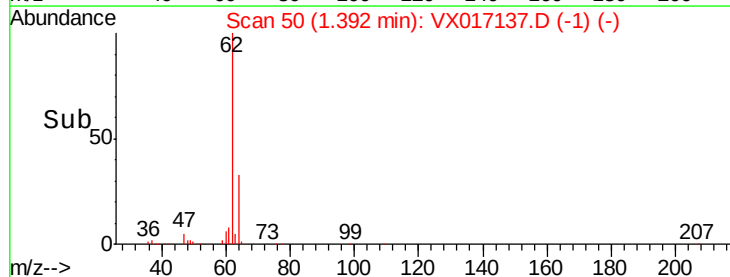
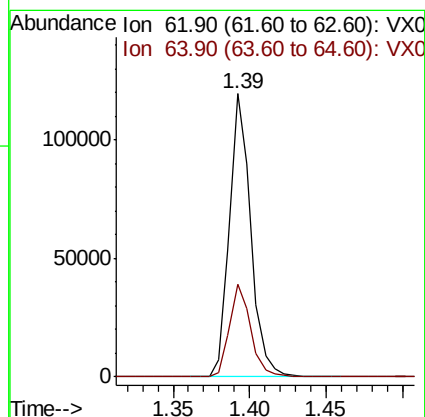
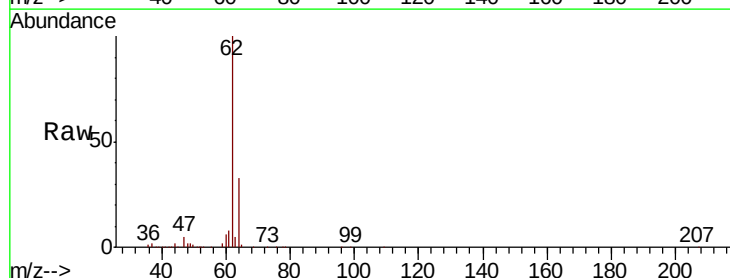
Acq: 02 Jul 2020 06:48

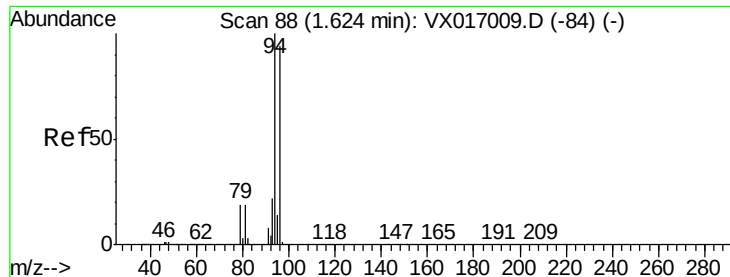
Tgt Ion: 62 Resp: 115525

Ion Ratio Lower Upper

62 100

64 32.8 25.9 38.9





#5

Bromomethane

Concen: 48.865 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

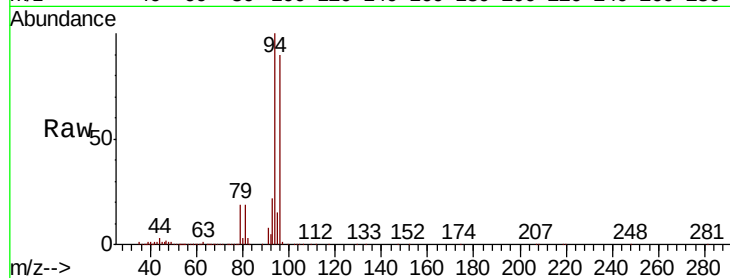
VSTDCCC050EC

Tot Ion: 94 Resp: 63737

Ion Ratio Lower Upper

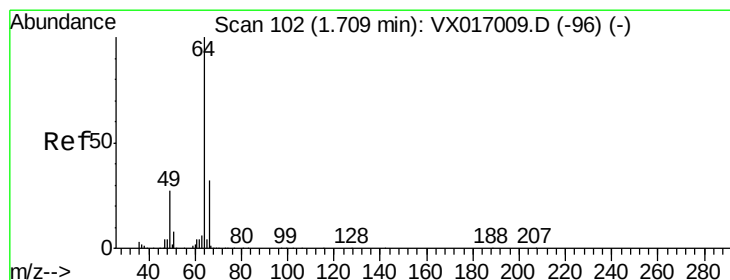
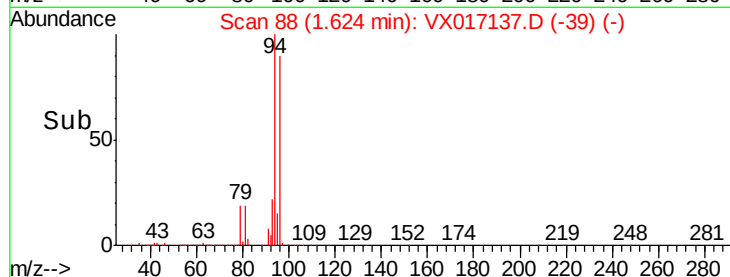
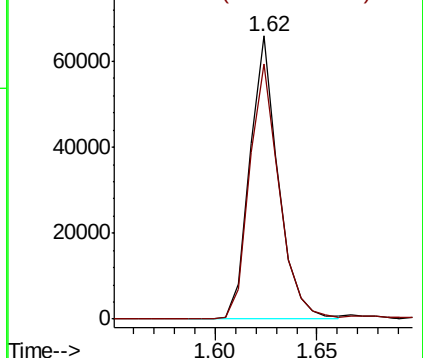
94 100

96 90.5 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: 48.285 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017137.D

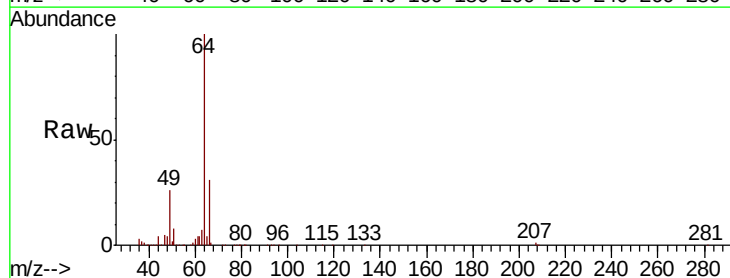
Acq: 02 Jul 2020 06:48

Tgt Ion: 64 Resp: 70403

Ion Ratio Lower Upper

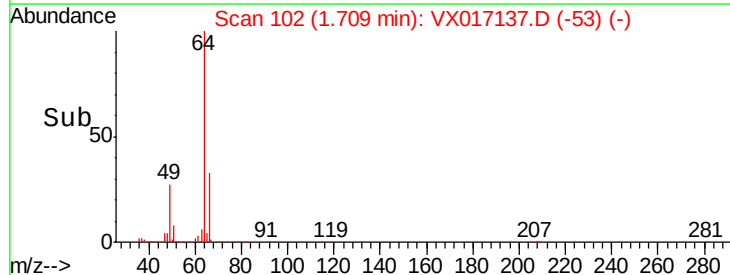
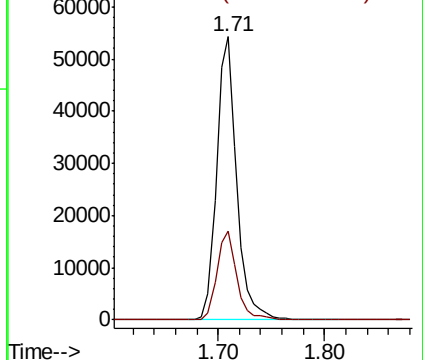
64 100

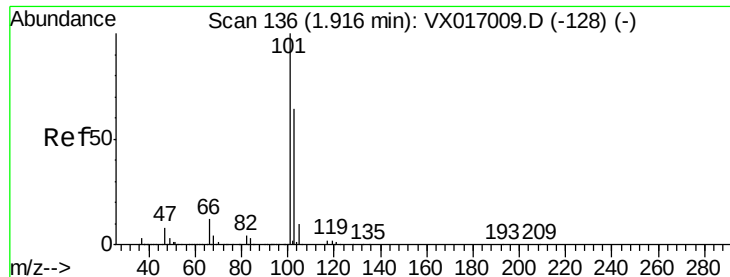
66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



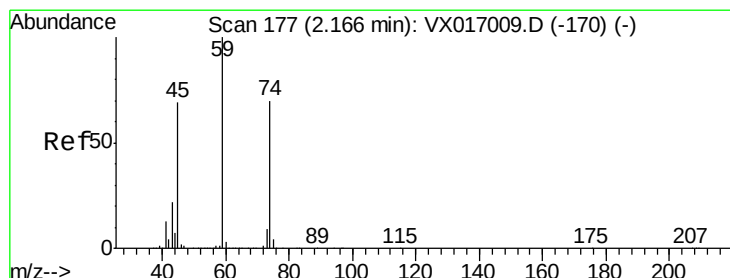
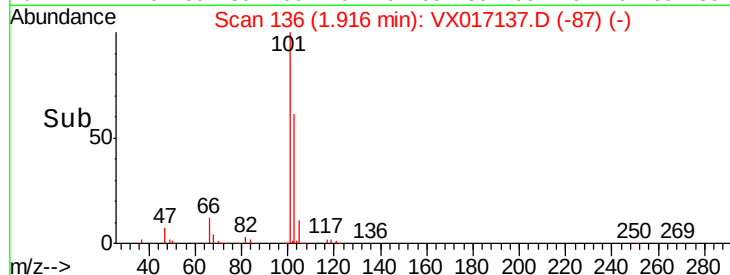
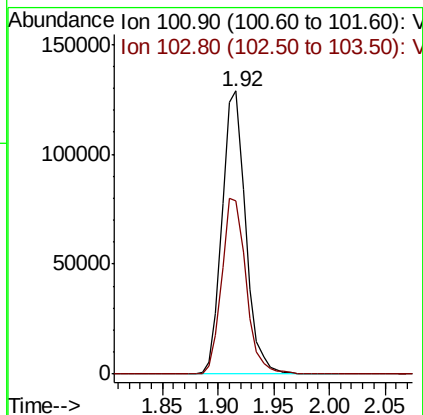
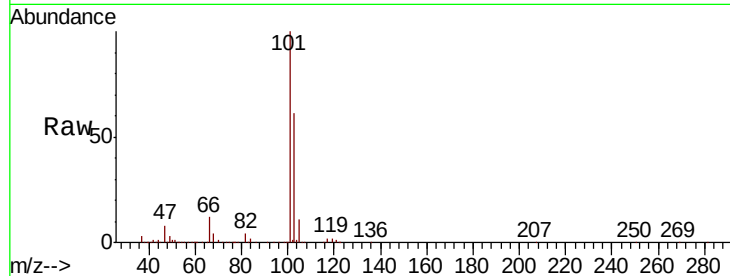


#7

Trichlorofluoromethane
 Concen: 51.872 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

Instrument :
 MSVOA_X
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 VSTDCCC050EC

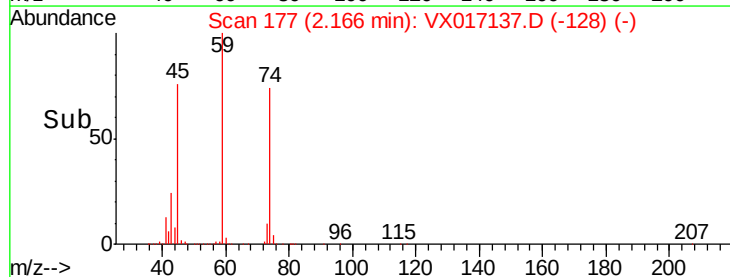
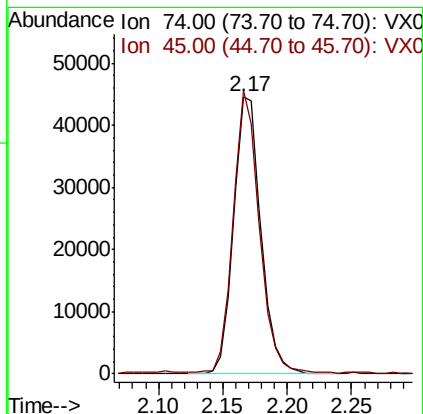
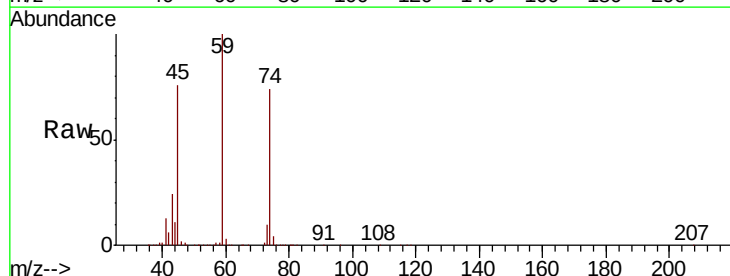
Tot Ion:101 Resp: 189398
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.5 77.3

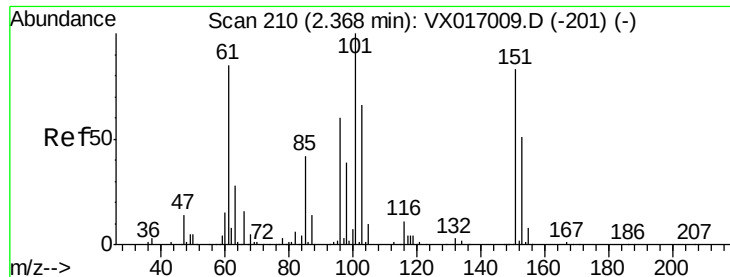


#8

Diethyl Ether
 Concen: 53.714 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

Tgt Ion: 74 Resp: 66023
 Ion Ratio Lower Upper
 74 100
 45 96.7 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.925 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

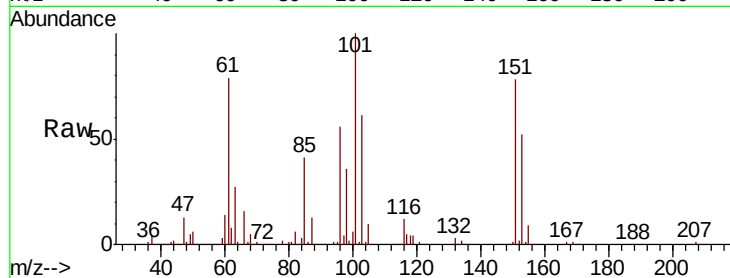
Tot Ion:101 Resp: 109255

Ion Ratio Lower Upper

101 100

85 42.5 33.5 50.3

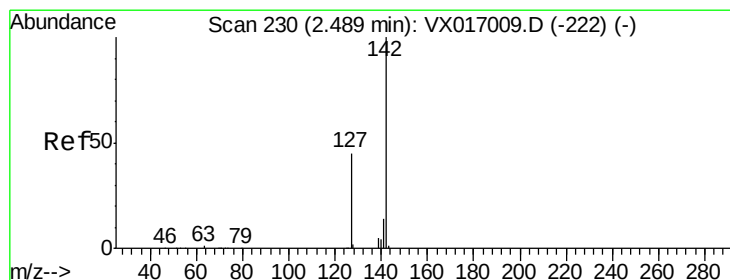
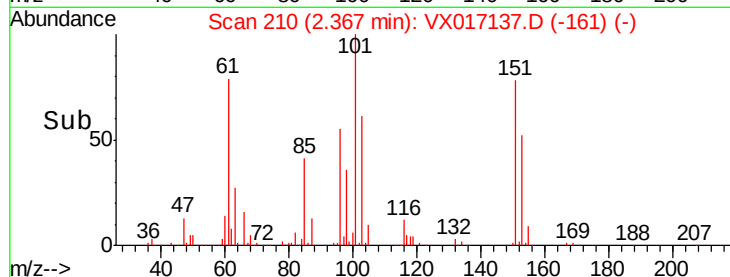
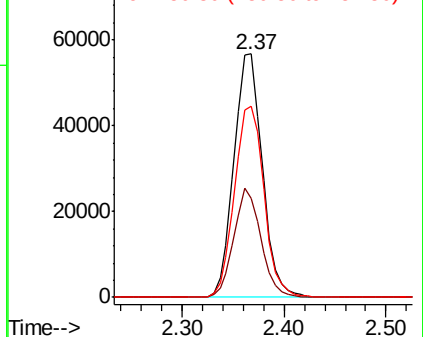
151 81.6 63.8 95.6



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: 47.217 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

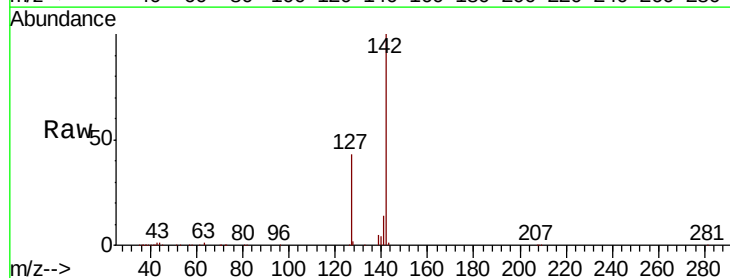
Tgt Ion:142 Resp: 133331

Ion Ratio Lower Upper

142 100

127 44.6 36.6 54.8

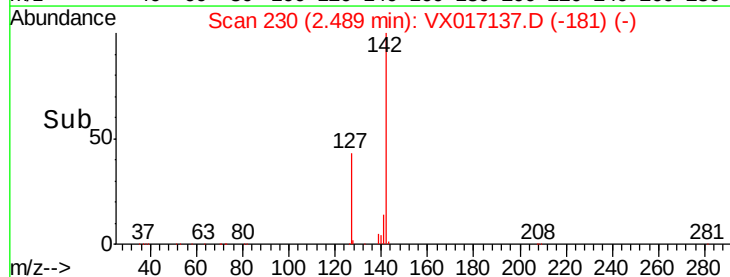
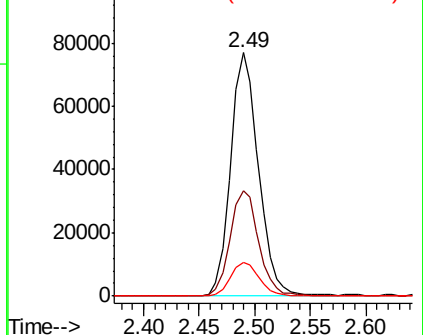
141 14.1 11.6 17.4

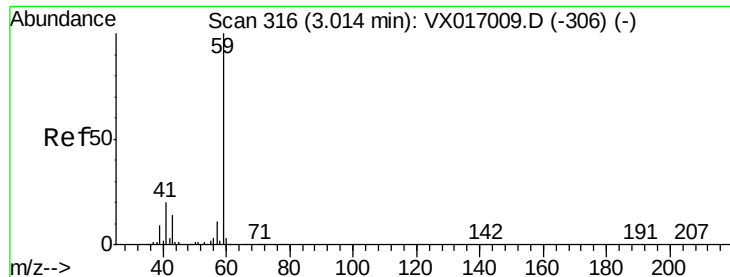


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



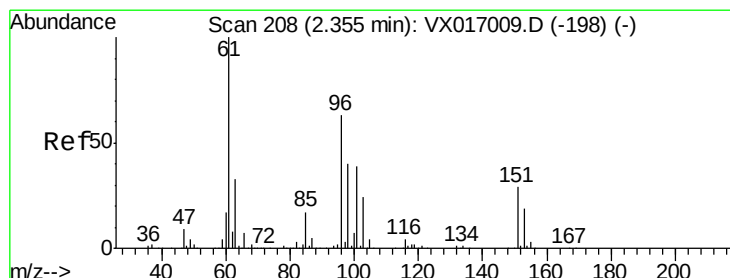
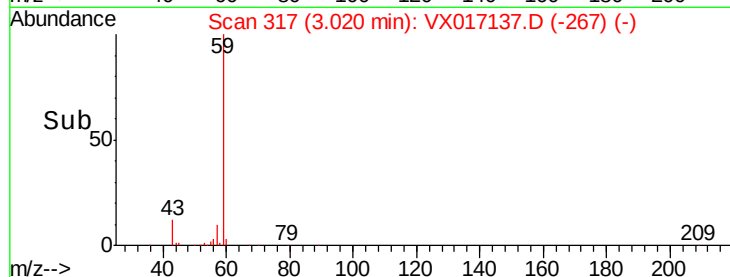
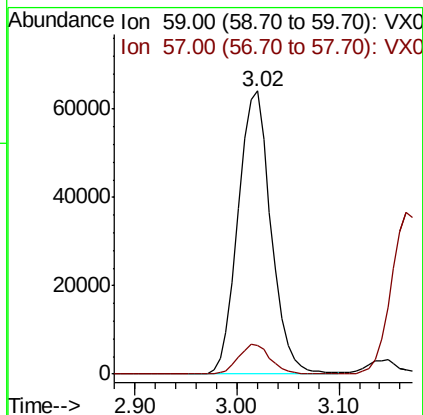
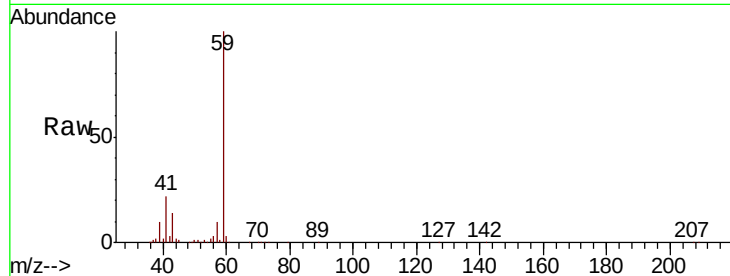


#11

Tert butyl alcohol
Concen: 268.900 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

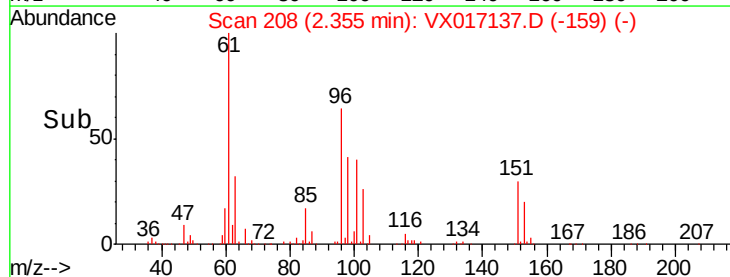
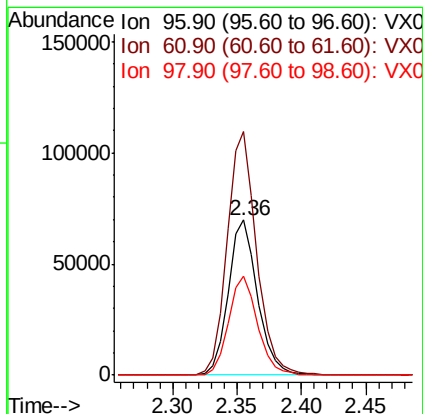
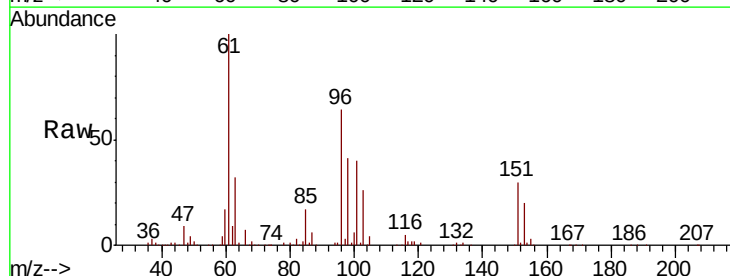
Tot Ion: 59 Resp: 143698
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

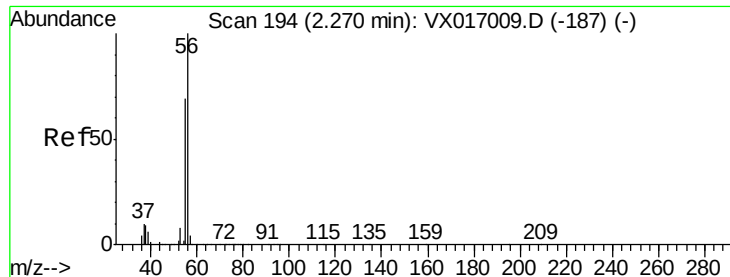


#12

1,1-Dichloroethene
Concen: 49.176 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Tgt Ion: 96 Resp: 110551
Ion Ratio Lower Upper
96 100
61 156.9 126.3 189.5
98 64.0 51.0 76.6

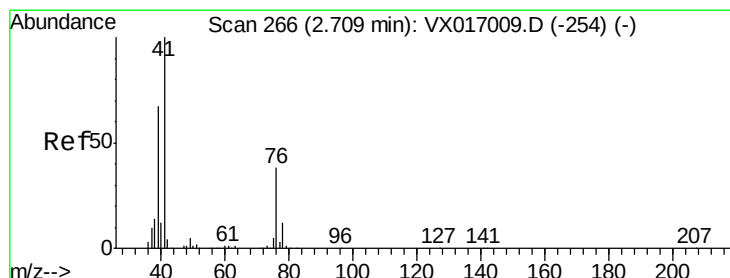
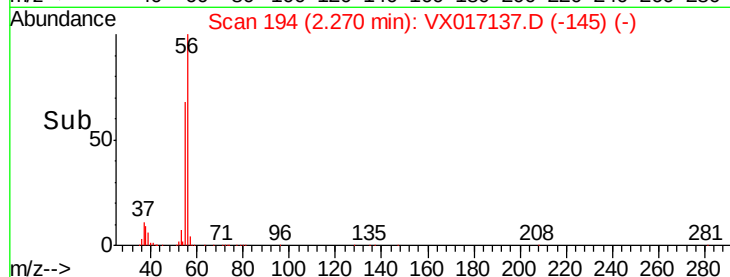
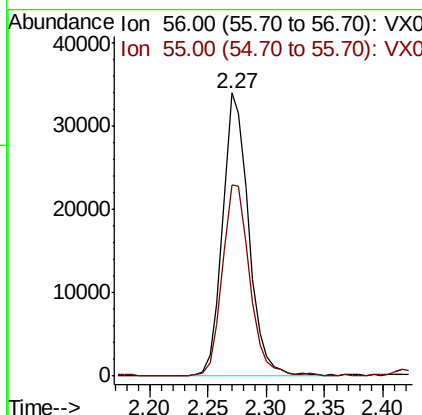
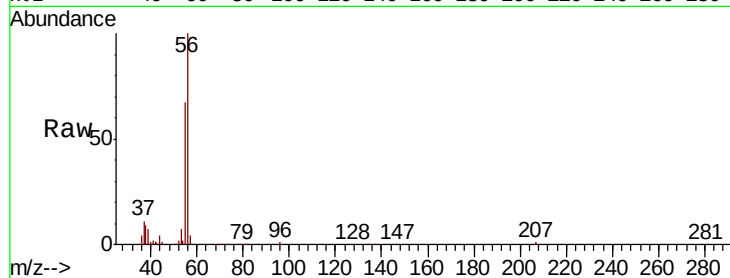




#13
Acrolein
Concen: 165.037 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

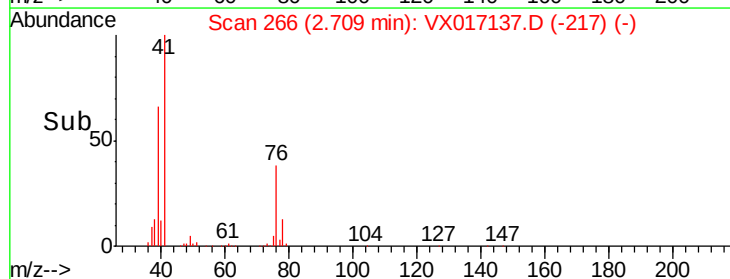
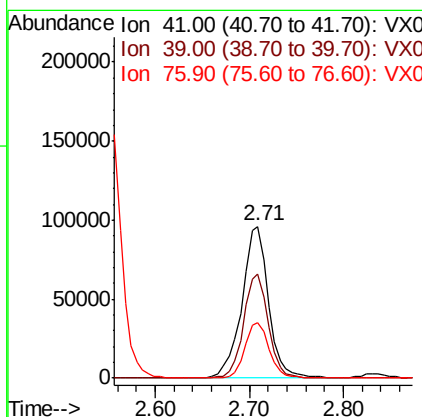
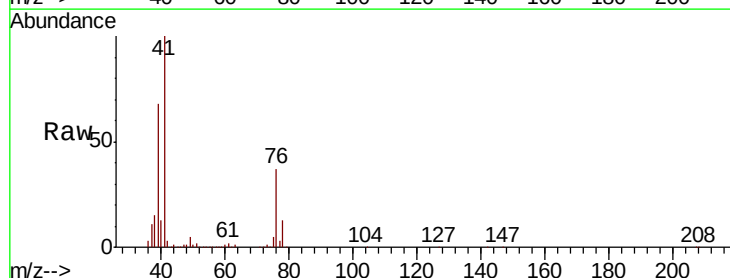
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

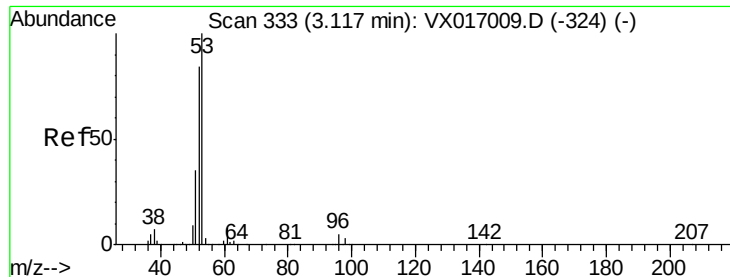
Tot Ion: 56 Resp: 52721
Ion Ratio Lower Upper
56 100
55 71.0 55.7 83.5



#14
Allyl chloride
Concen: 45.593 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Tgt Ion: 41 Resp: 189419
Ion Ratio Lower Upper
41 100
39 63.7 49.4 74.2
76 33.4 26.8 40.2





#15

Acrylonitrile

Concen: 258.226 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

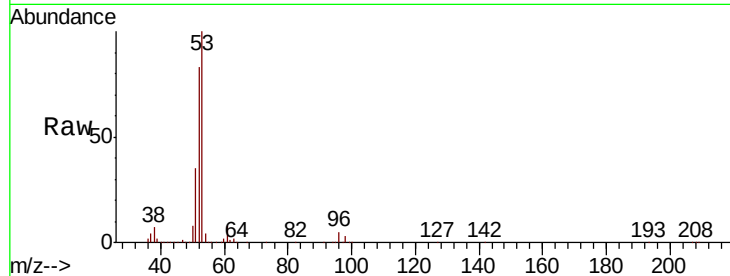
Tot Ion: 53 Resp: 331731

Ion Ratio Lower Upper

53 100

52 82.6 65.6 98.4

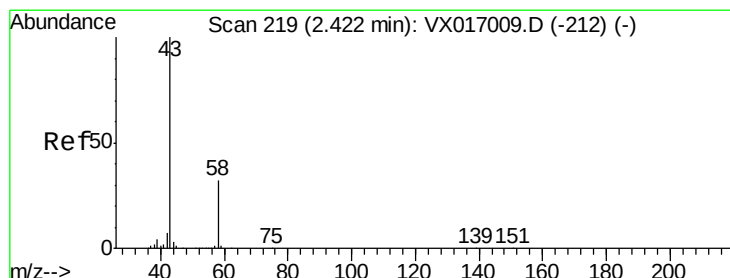
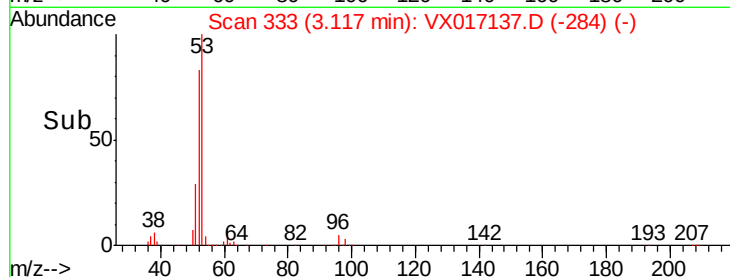
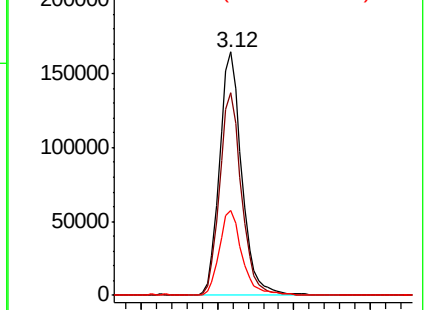
51 35.6 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 267.368 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017137.D

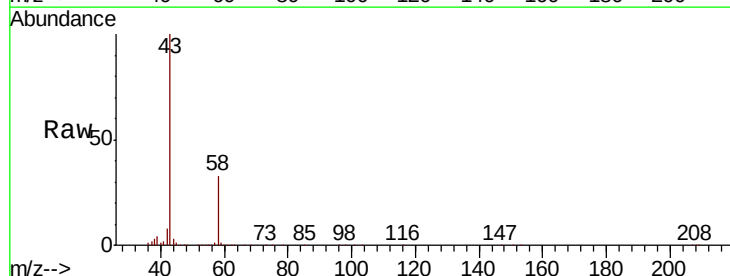
Acq: 02 Jul 2020 06:48

Tgt Ion: 43 Resp: 280179

Ion Ratio Lower Upper

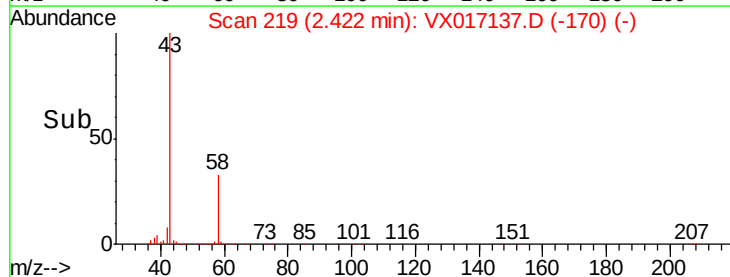
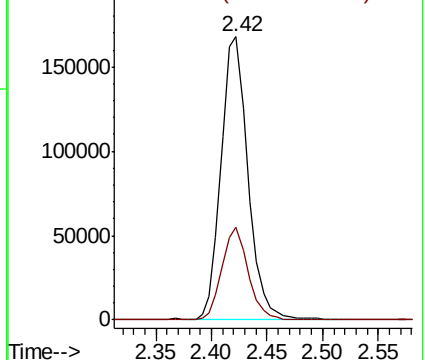
43 100

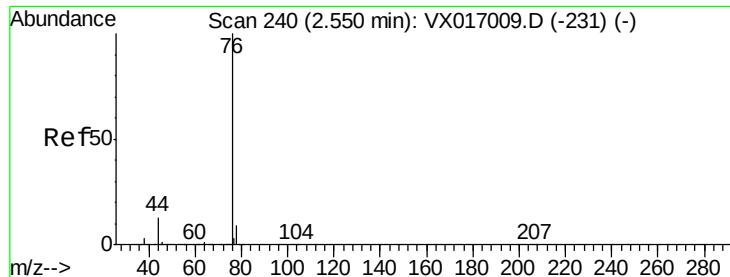
58 32.7 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.730 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

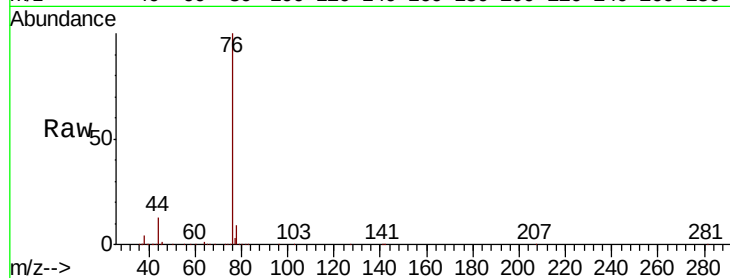
VSTDCCC050EC

Tot Ion: 76 Resp: 311974

Ion Ratio Lower Upper

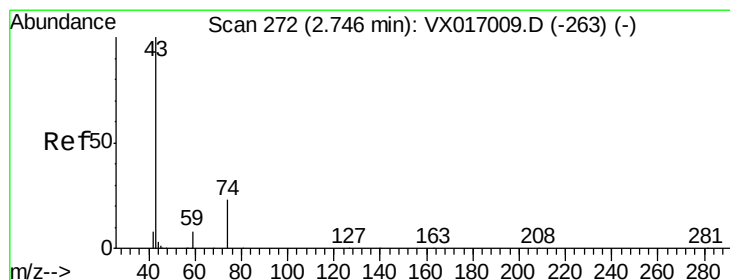
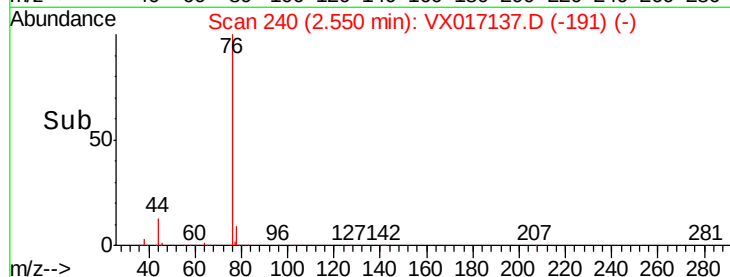
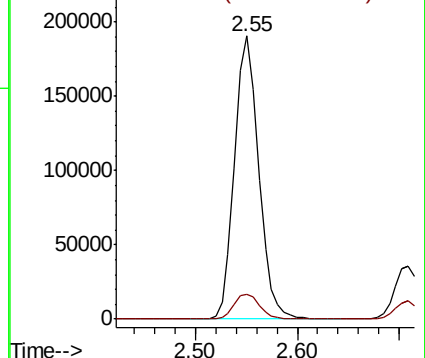
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.936 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017137.D

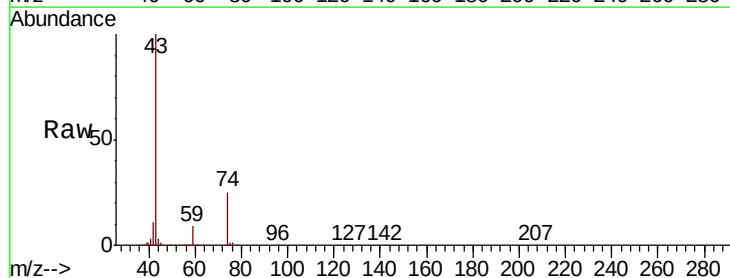
Acq: 02 Jul 2020 06:48

Tgt Ion: 43 Resp: 150282

Ion Ratio Lower Upper

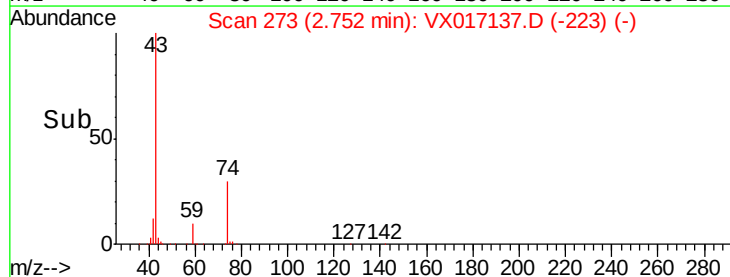
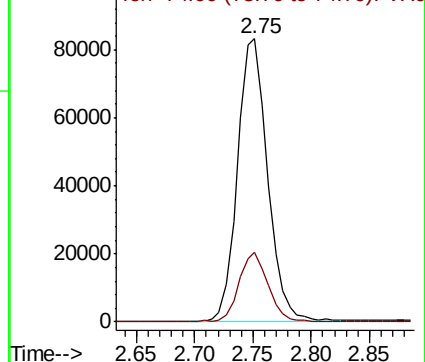
43 100

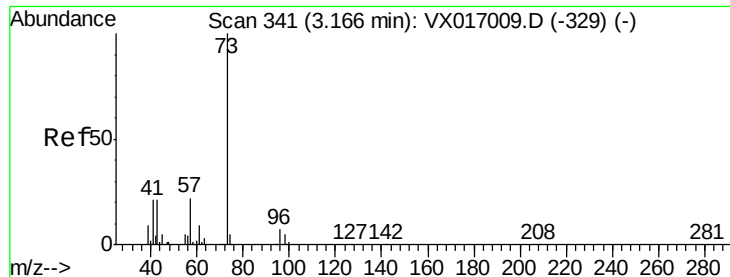
74 24.2 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 51.439 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

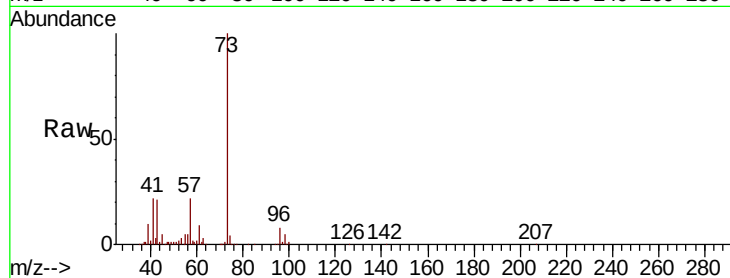
VSTDCCC050EC

Tot Ion: 73 Resp: 388103

Ion Ratio Lower Upper

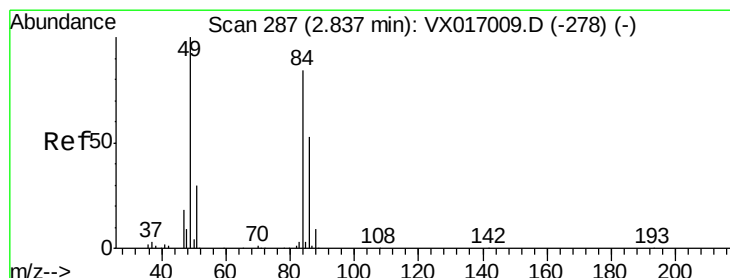
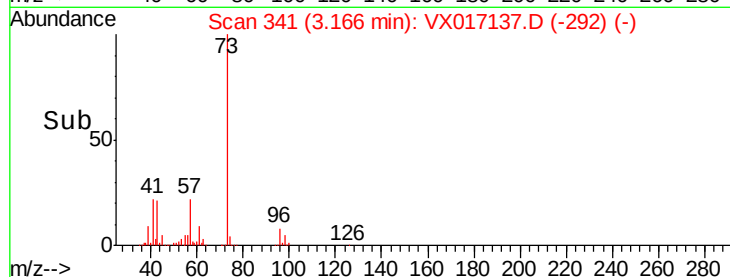
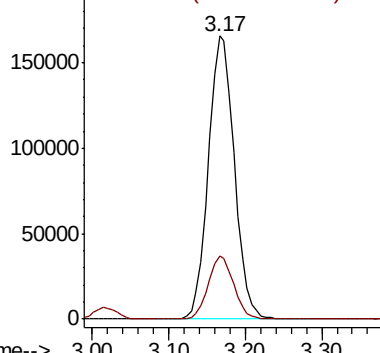
73 100

57 22.1 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 53.066 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Tgt Ion: 84 Resp: 127420

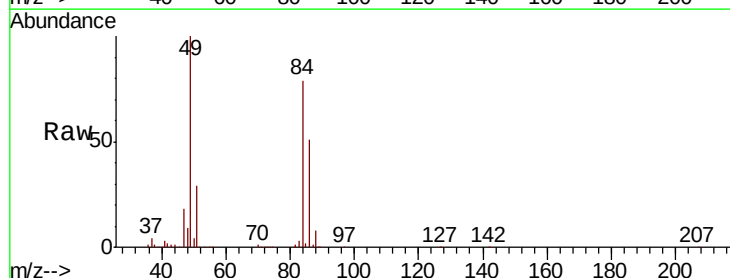
Ion Ratio Lower Upper

84 100

49 126.7 94.7 142.1

51 37.4 28.6 42.8

86 65.3 50.5 75.7

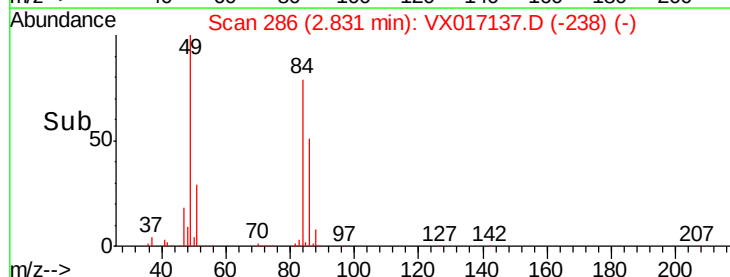
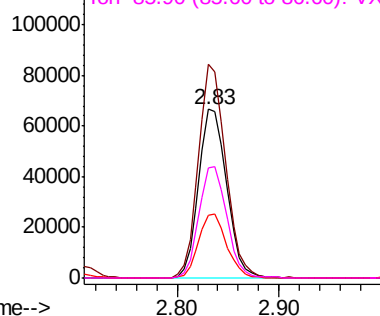


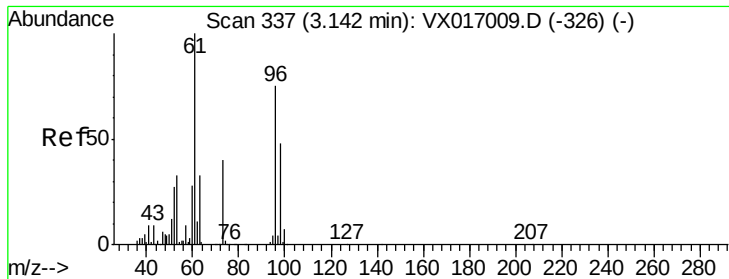
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 50.067 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

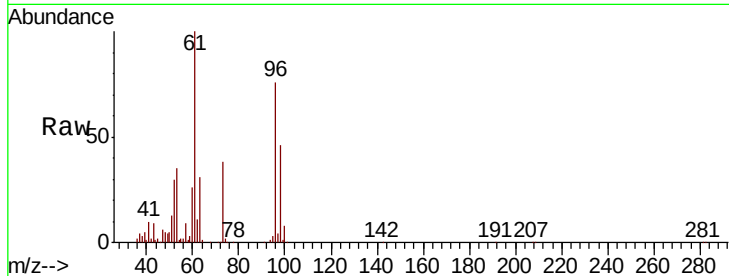
Tot Ion: 96 Resp: 124906

Ion Ratio Lower Upper

96 100

61 131.8 107.0 160.6

98 60.0 51.6 77.4

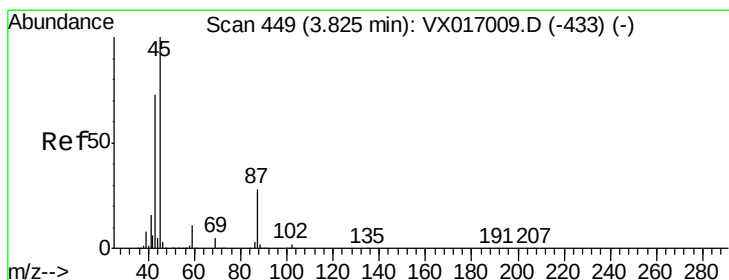
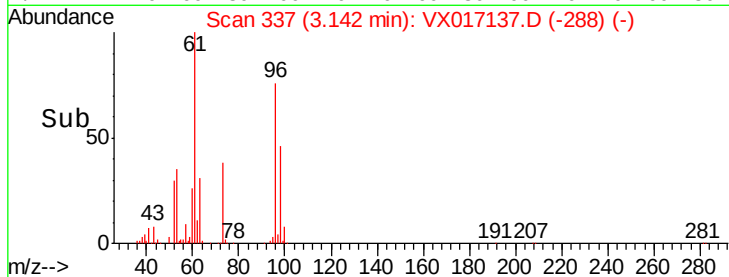
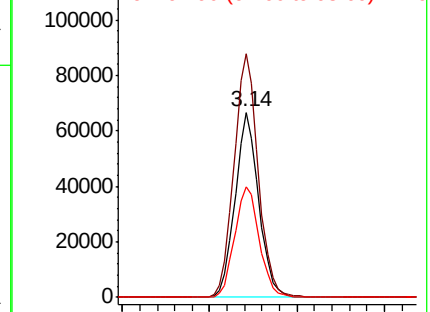


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.122 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Tgt Ion: 45 Resp: 393106

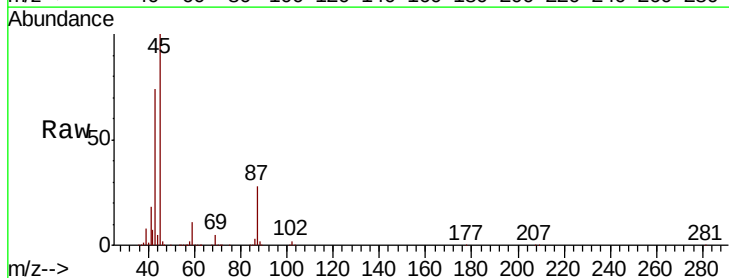
Ion Ratio Lower Upper

45 100

43 74.0 58.6 88.0

87 28.0 22.6 34.0

59 11.3 8.7 13.1



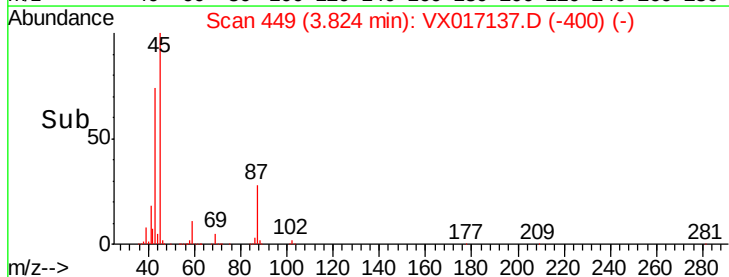
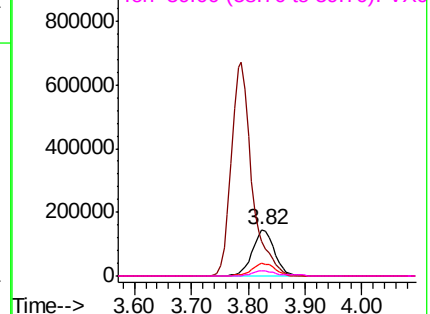
Abundance

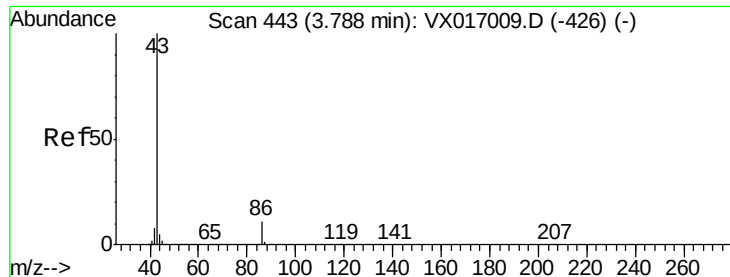
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 255.395 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

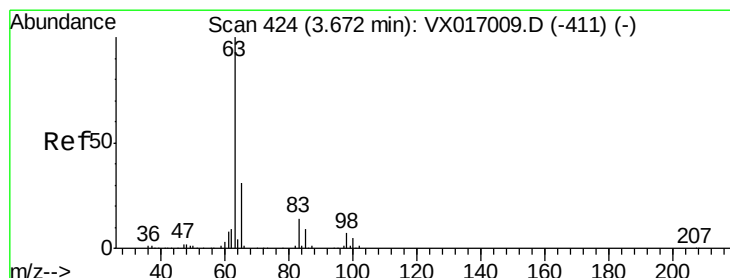
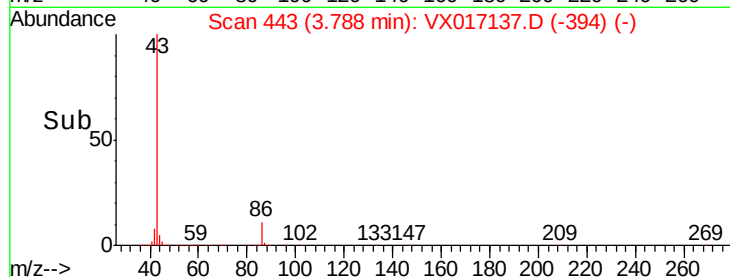
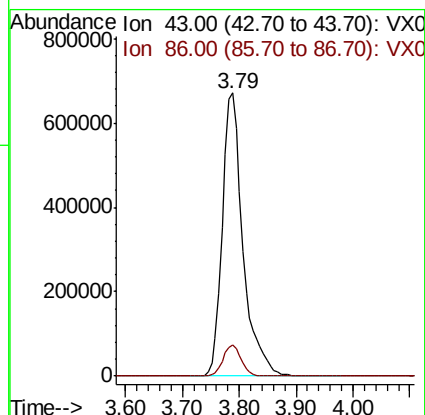
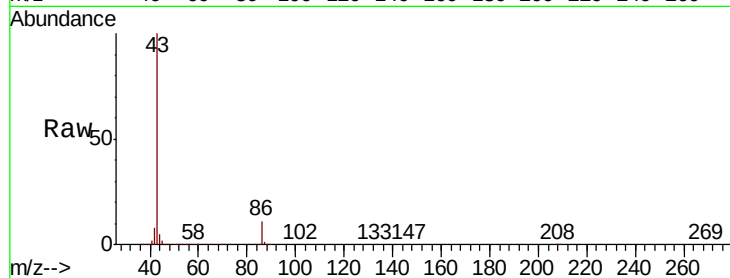
VSTDCCC050EC

Tot Ion: 43 Resp: 1687560

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



#24

1,1-Dichloroethane

Concen: 49.732 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

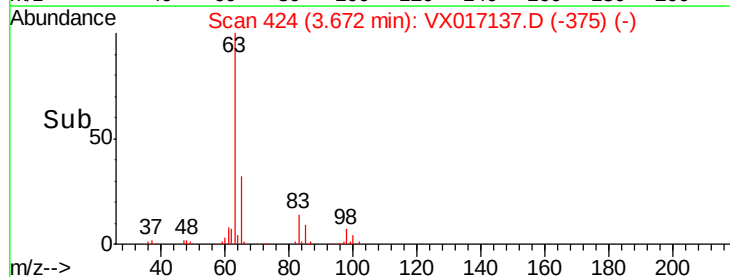
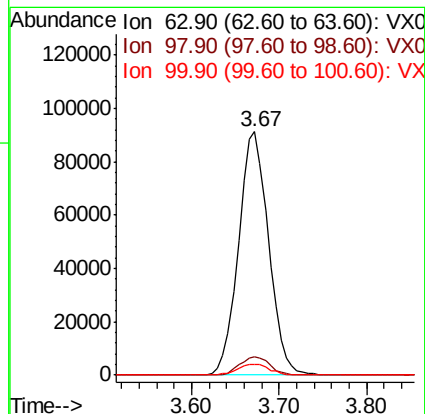
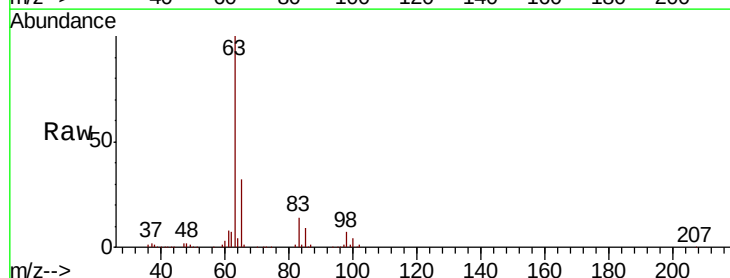
Tgt Ion: 63 Resp: 217591

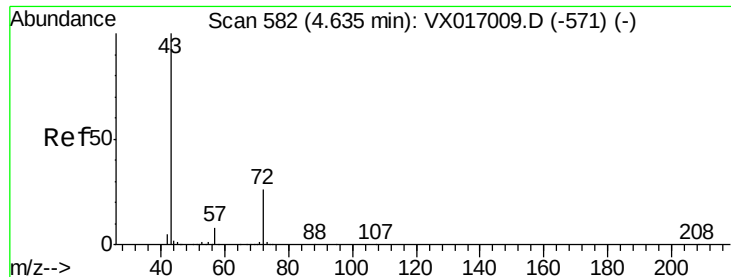
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 262.379 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

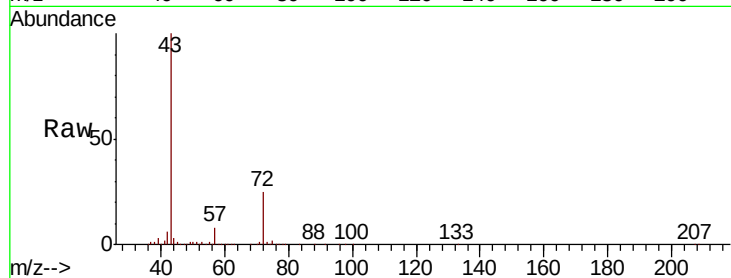
VSTDCCC050EC

Tot Ion: 43 Resp: 458138

Ion Ratio Lower Upper

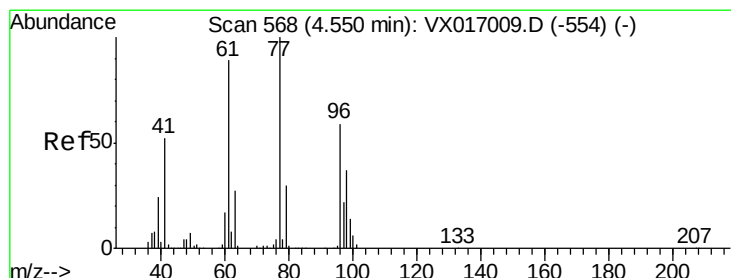
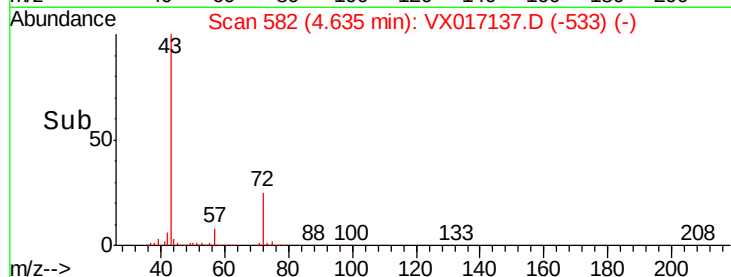
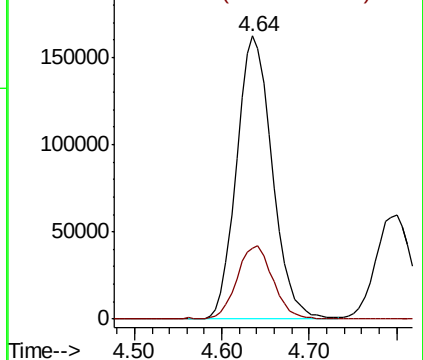
43 100

72 24.9 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 33.057 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017137.D

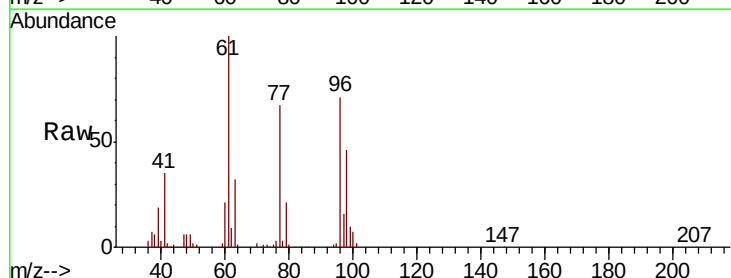
Acq: 02 Jul 2020 06:48

Tgt Ion: 77 Resp: 128423

Ion Ratio Lower Upper

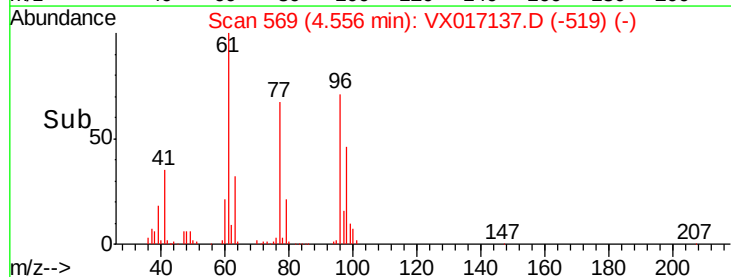
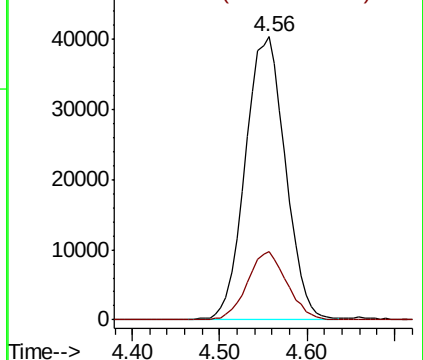
77 100

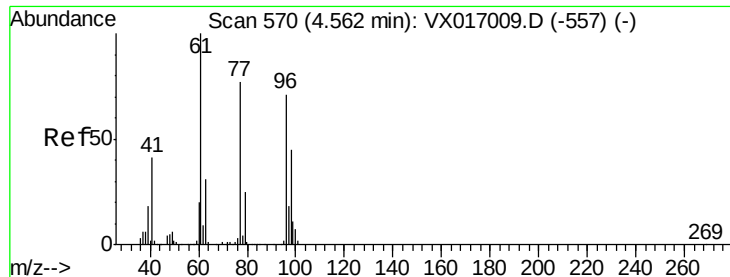
97 23.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



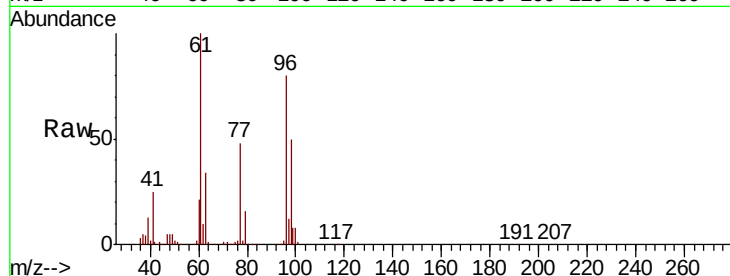


#27

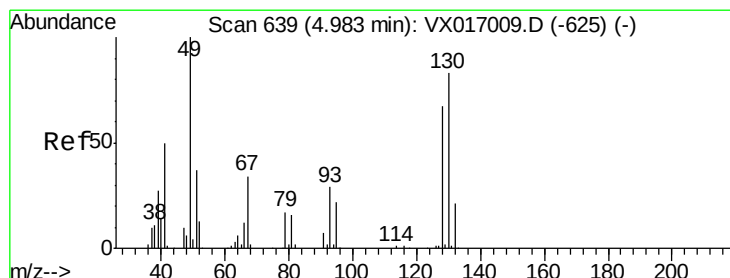
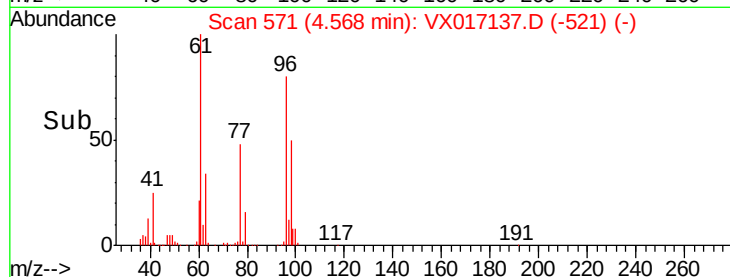
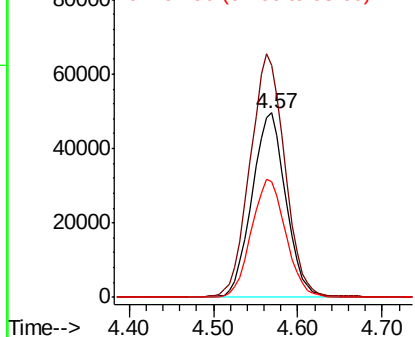
cis-1,2-Dichloroethene
Concen: 48.199 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	282.8
98	64.7	0.0	127.6



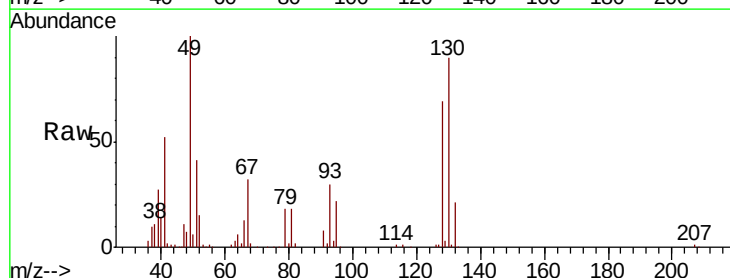
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



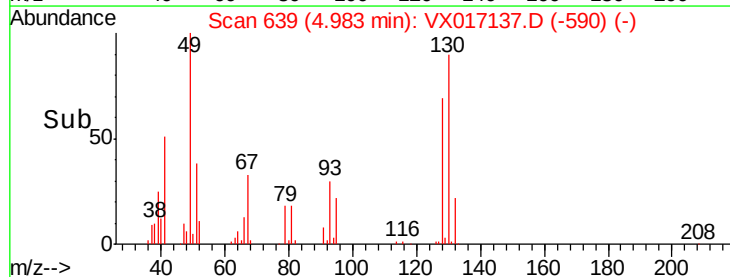
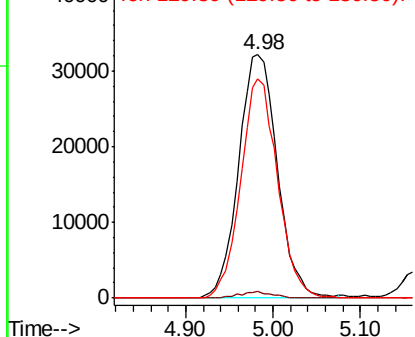
#28

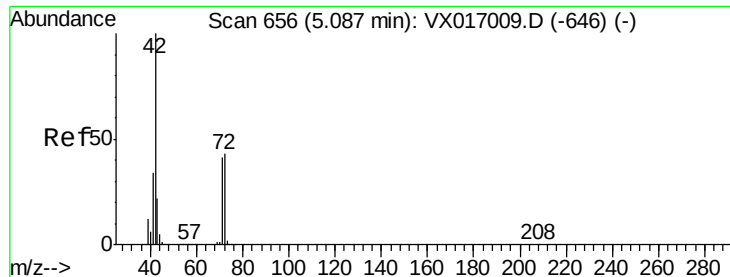
Bromochloromethane
Concen: 46.567 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	85.5	66.6	100.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

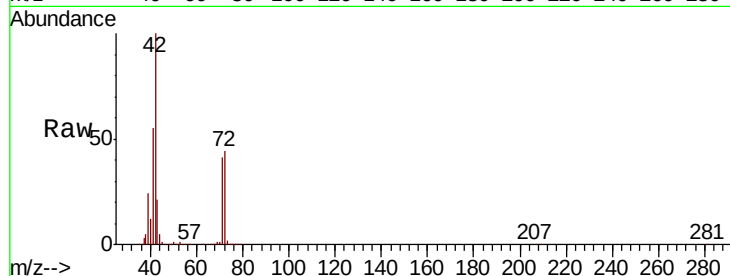




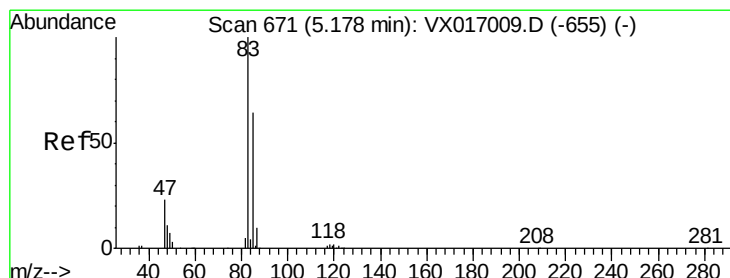
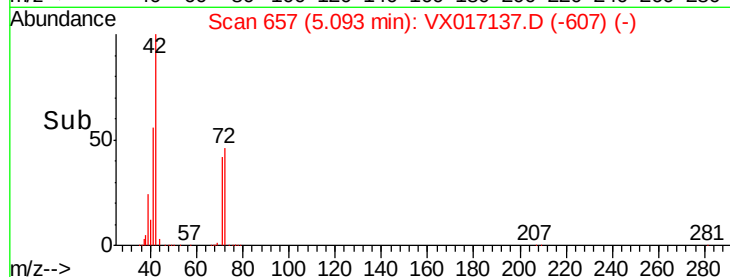
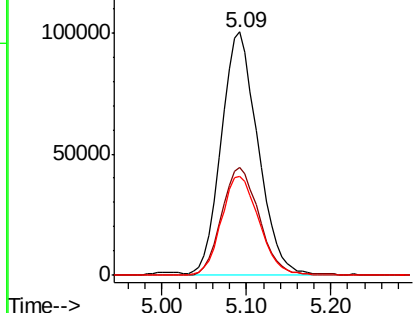
#29
Tetrahydrofuran
Concen: 257.412 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 296972
Ion Ratio Lower Upper
42 100
72 45.9 35.3 52.9
71 42.1 33.1 49.7

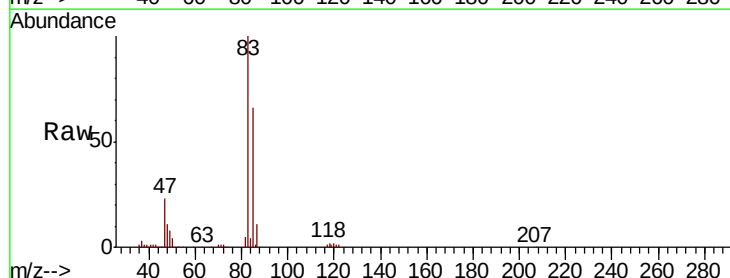


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

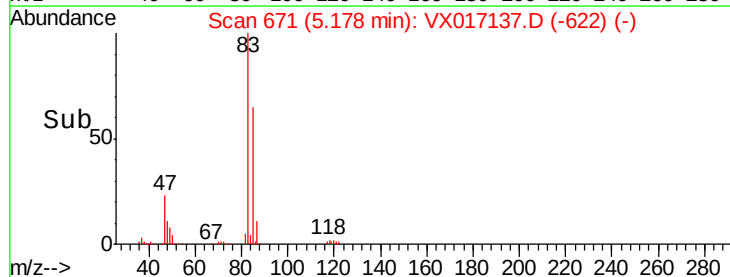
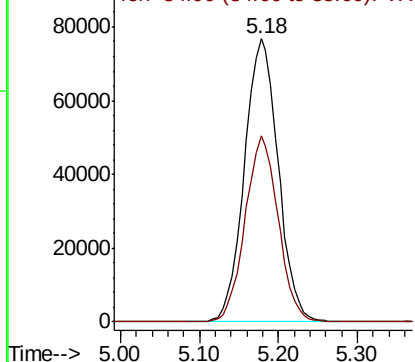


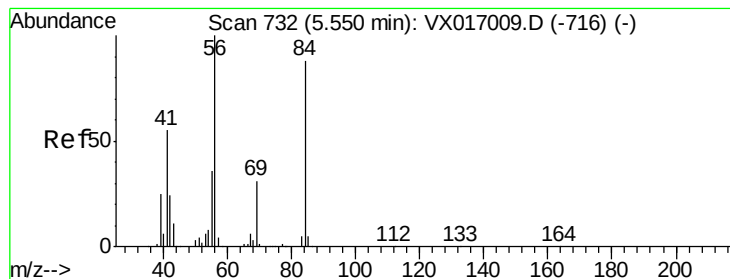
#30
Chloroform
Concen: 51.029 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Tgt Ion: 83 Resp: 228869
Ion Ratio Lower Upper
83 100
85 65.7 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: 48.146 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

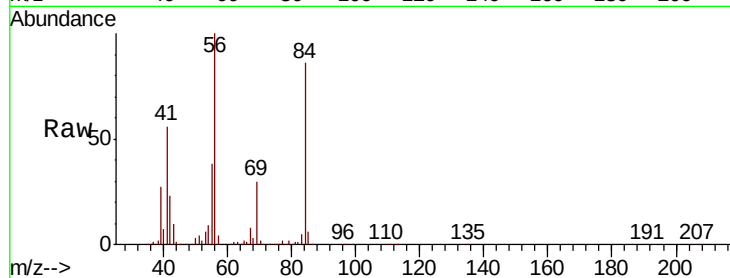
Tot Ion: 56 Resp: 182081

Ion Ratio Lower Upper

56 100

69 30.4 25.0 37.4

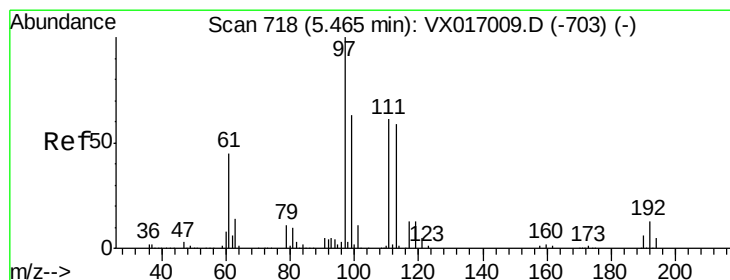
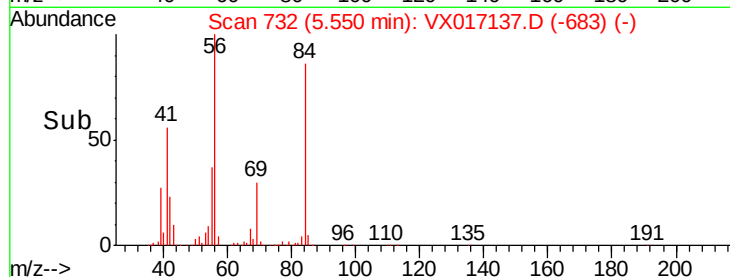
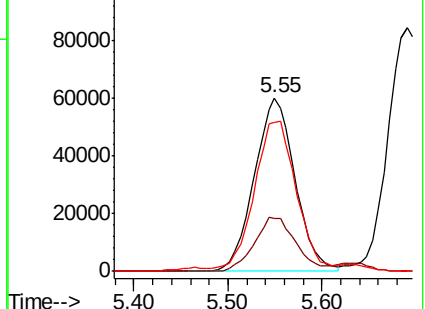
84 84.2 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.548 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

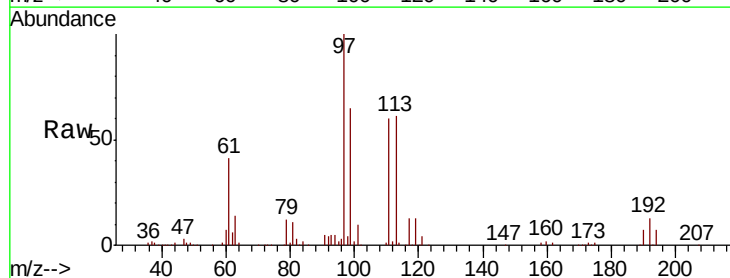
Tgt Ion: 97 Resp: 208792

Ion Ratio Lower Upper

97 100

99 64.1 50.8 76.2

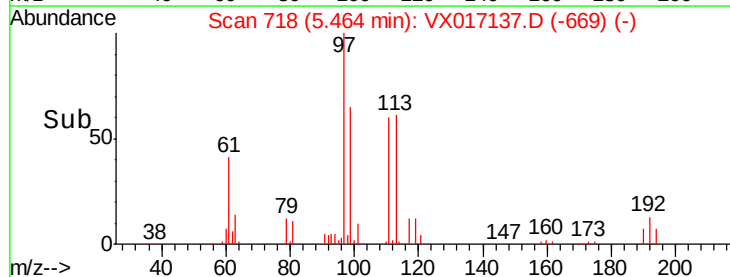
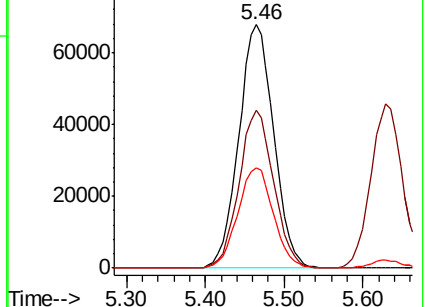
61 42.0 33.7 50.5

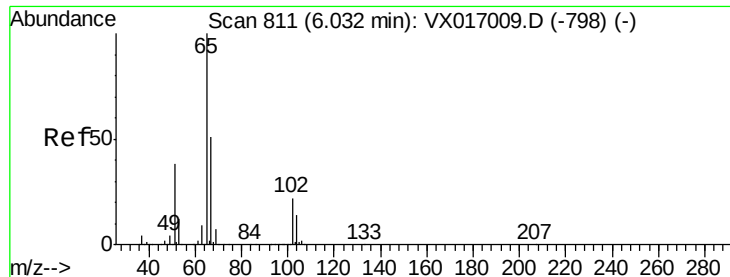


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

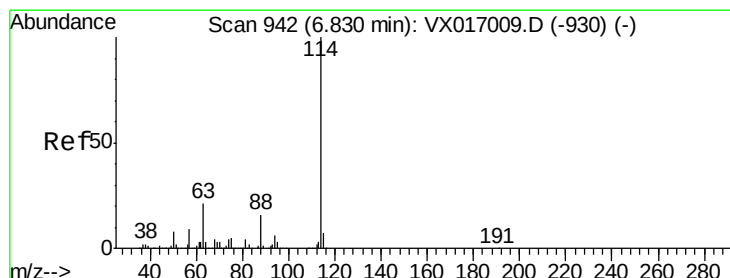
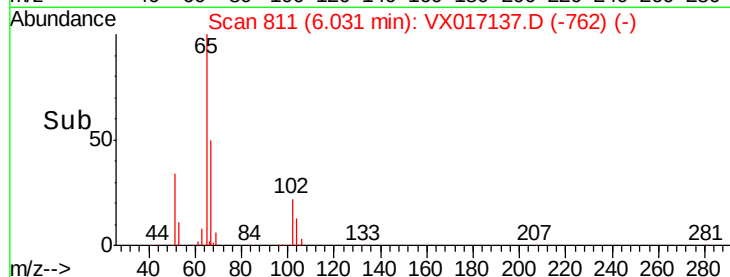
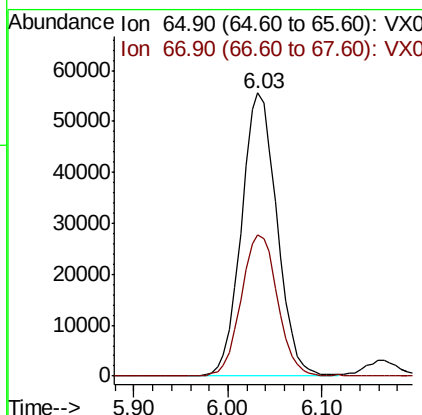
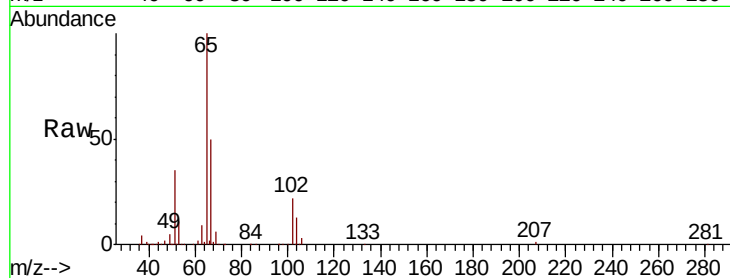




#33
 1,2-Dichloroethane-d4
 Concen: 52.096 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

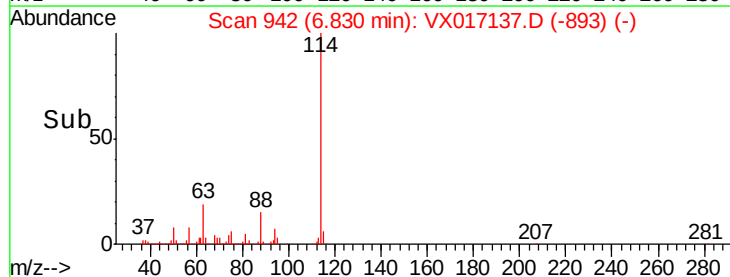
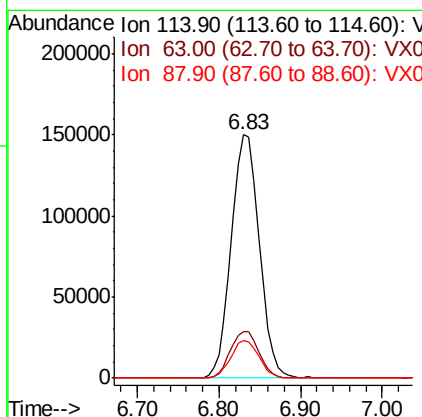
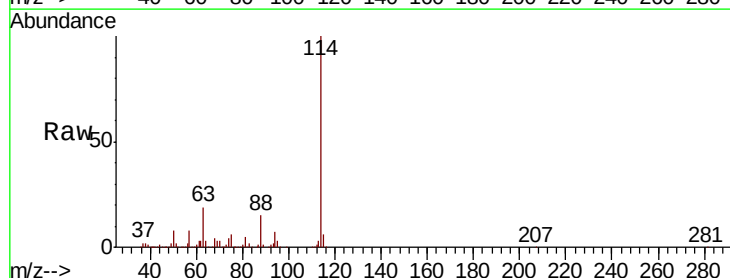
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

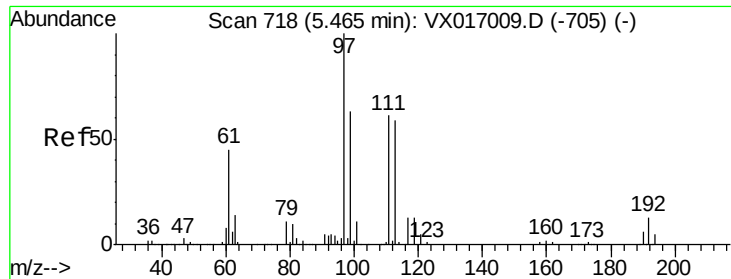
Tot Ion: 65 Resp: 145932
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

Tgt Ion: 114 Resp: 356840
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 15.4 0.0 32.4

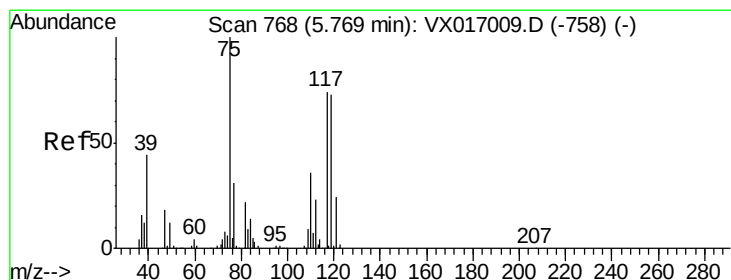
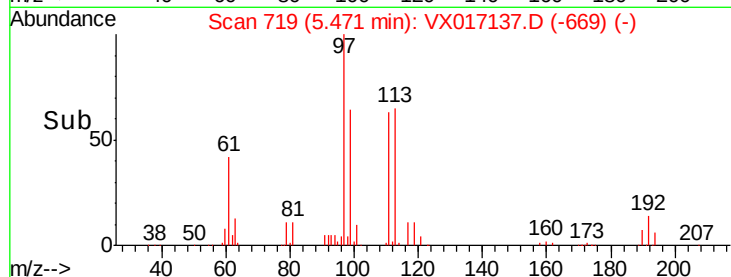
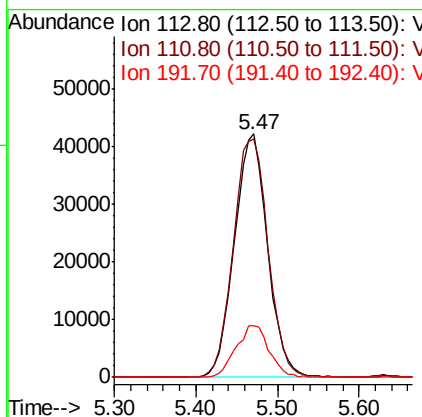
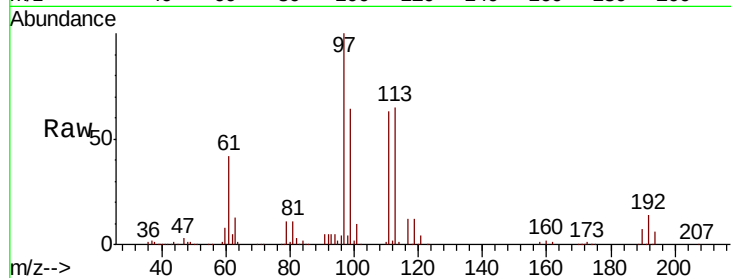




#35
 Dibromofluoromethane
 Concen: 52.728 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

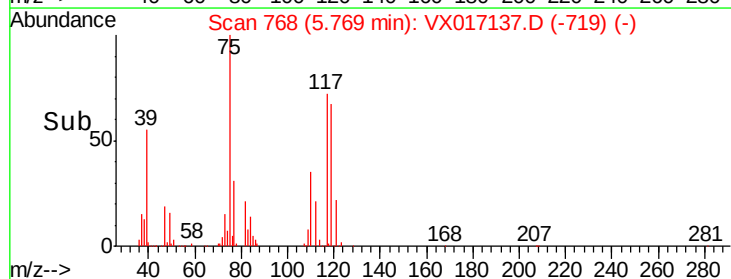
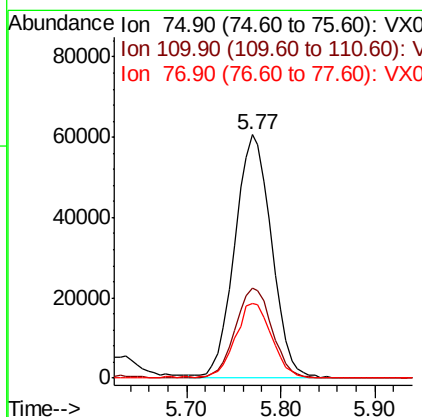
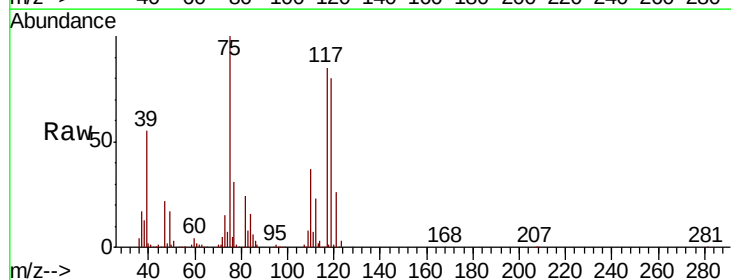
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

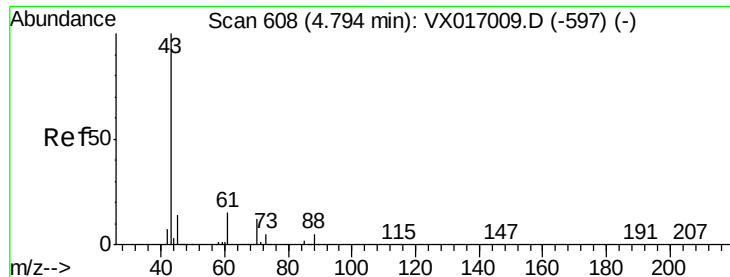
Tot Ion:113 Resp: 119020
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.9 122.9
 192 21.4 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 48.597 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

Tgt Ion: 75 Resp: 163896
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.1 54.1
 77 30.8 24.6 37.0

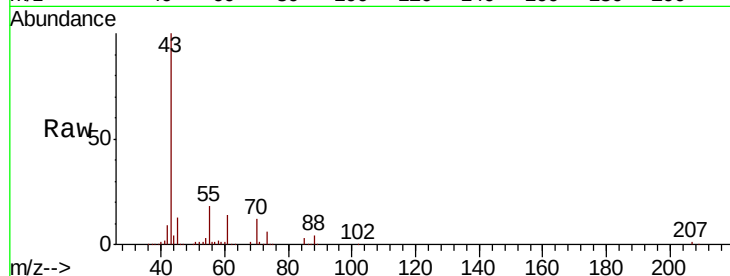




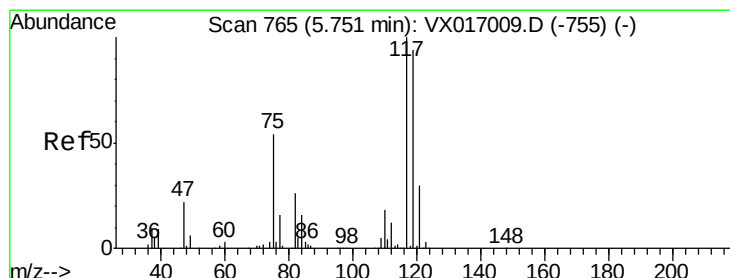
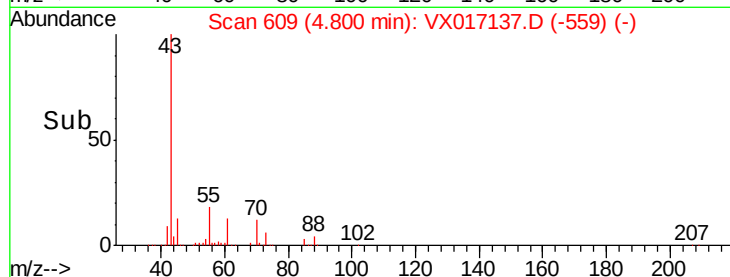
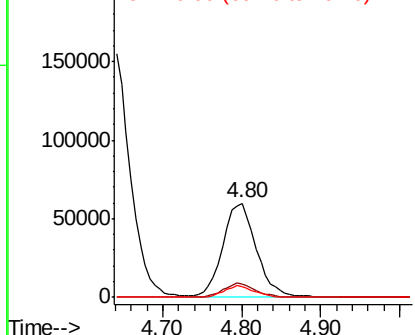
#37
Ethyl Acetate
Concen: 51.537 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 176352
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 11.5 8.9 13.3

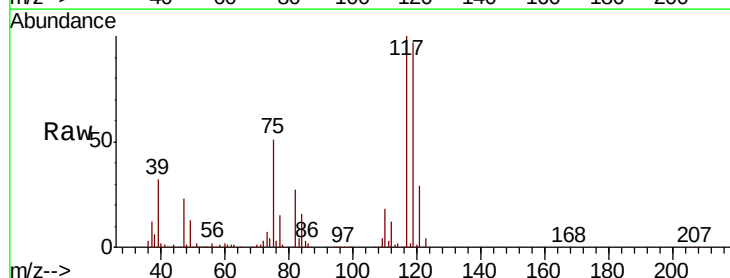


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

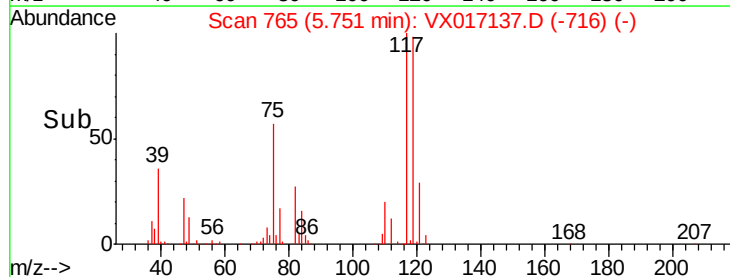
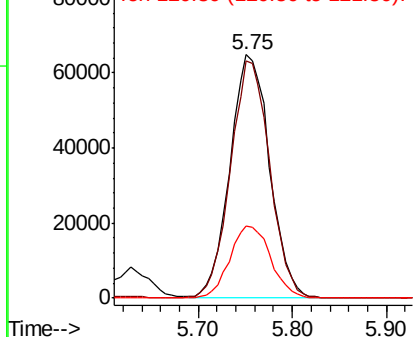


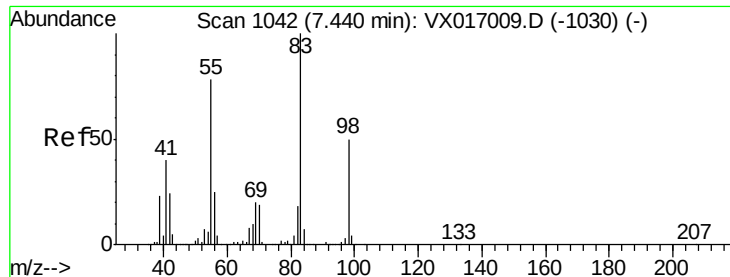
#38
Carbon Tetrachloride
Concen: 51.112 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Tgt Ion: 117 Resp: 189863
Ion Ratio Lower Upper
117 100
119 97.3 75.4 113.0
121 29.5 23.8 35.6



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

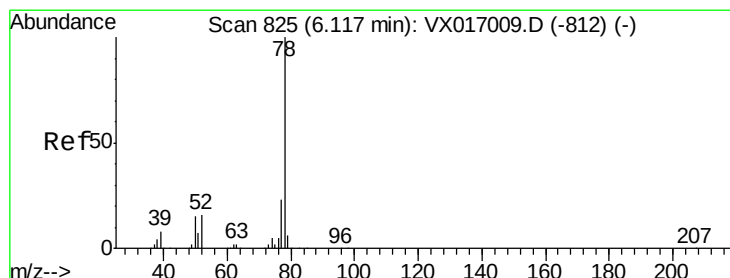
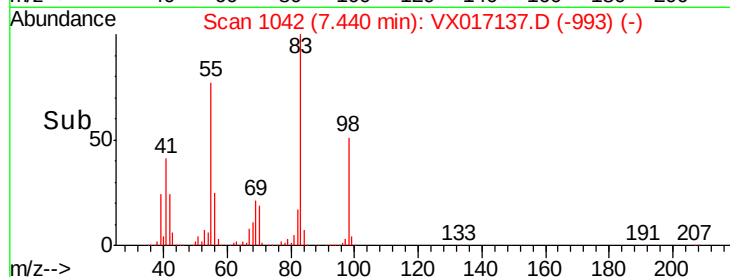
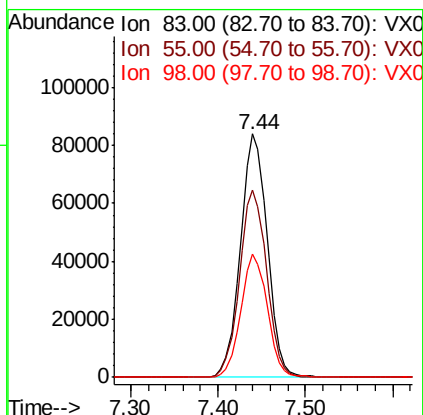
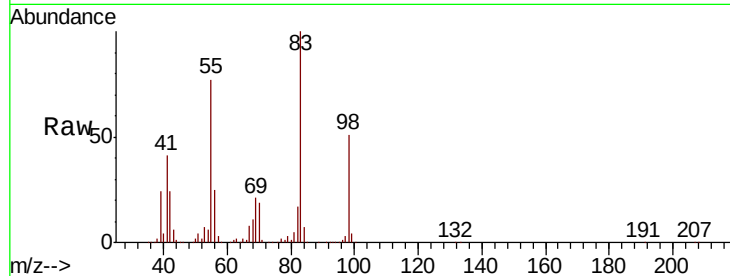




#39
Methylvlcyclohexane
Concen: 47.768 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

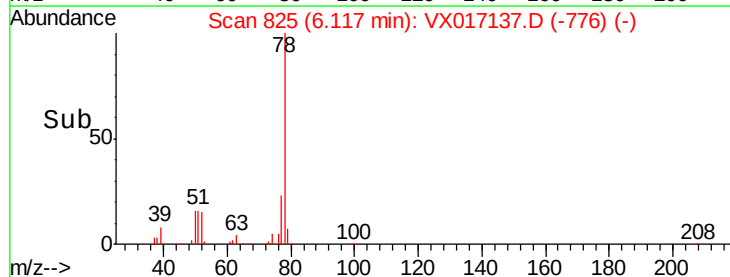
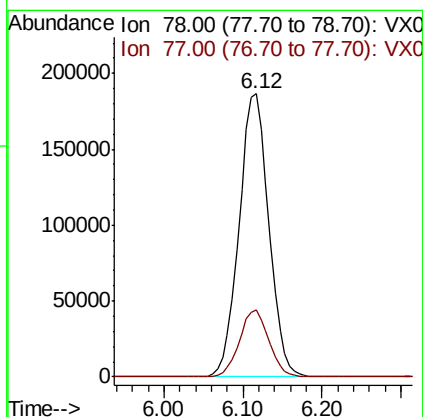
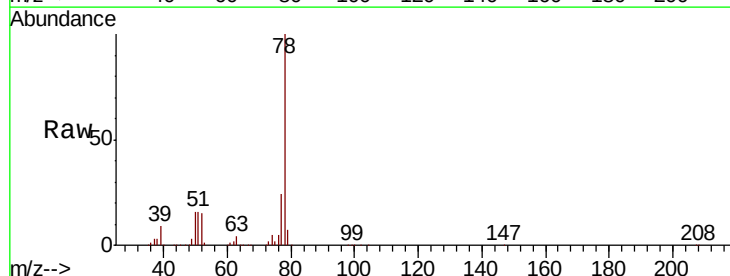
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

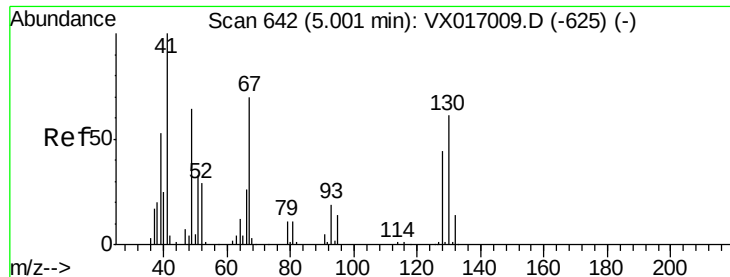
Tot Ion: 83 Resp: 179245
Ion Ratio Lower Upper
83 100
55 77.0 62.5 93.7
98 50.8 40.1 60.1



#40
Benzene
Concen: 49.391 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Tgt Ion: 78 Resp: 489427
Ion Ratio Lower Upper
78 100
77 23.8 18.3 27.5

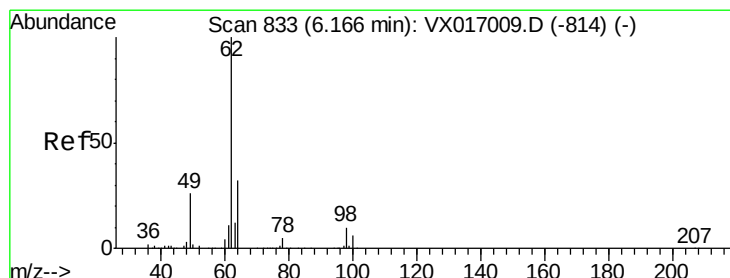
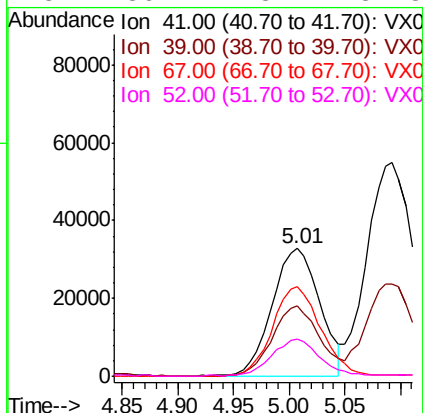
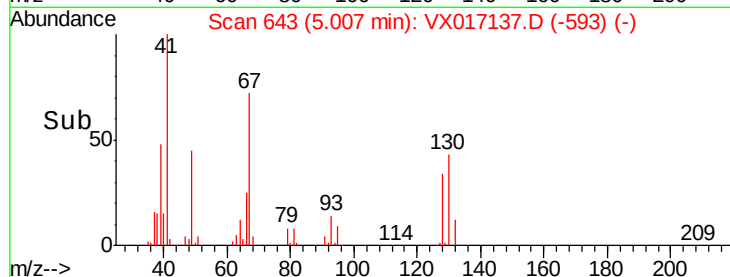
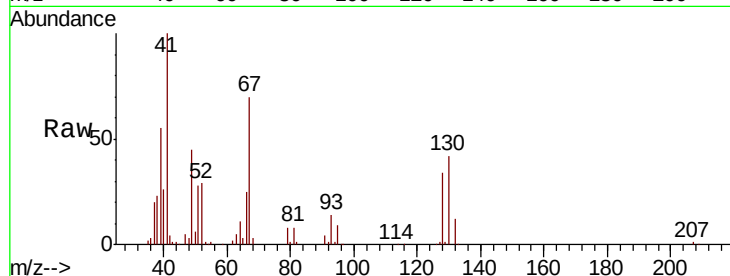




#41
Methacrylonitrile
Concen: 50.694 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

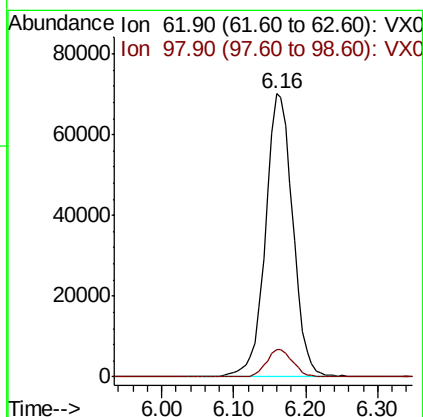
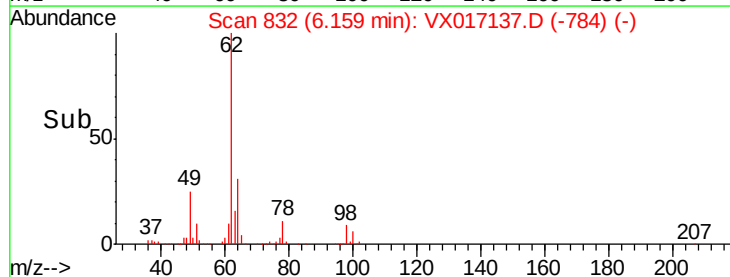
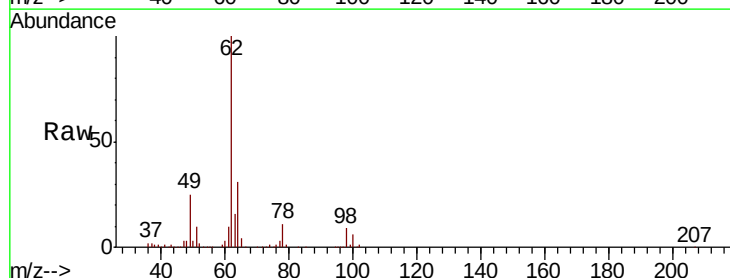
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

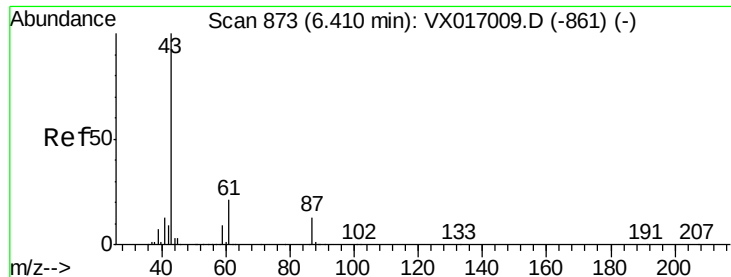
Tot Ion: 41 Resp: 97632
Ion Ratio Lower Upper
41 100
39 55.6 44.4 66.6
67 71.8 57.1 85.7
52 30.7 23.2 34.8



#42
1,2-Dichloroethane
Concen: 51.575 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Tgt Ion: 62 Resp: 184601
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2





#43

Isopropyl Acetate

Concen: 49.822 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

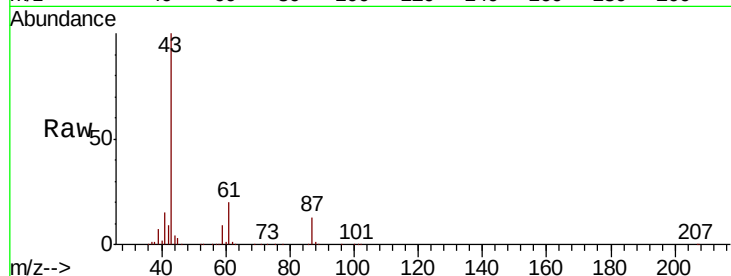
Tot Ion: 43 Resp: 283293

Ion Ratio Lower Upper

43 100

61 20.6 16.2 24.2

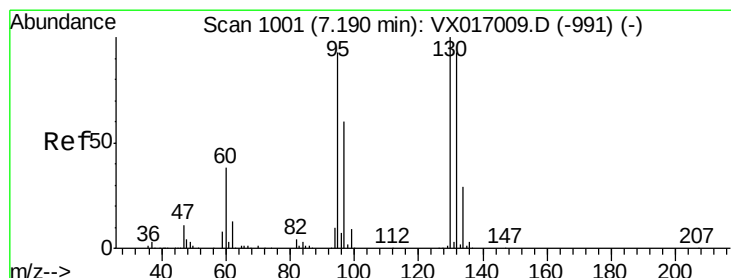
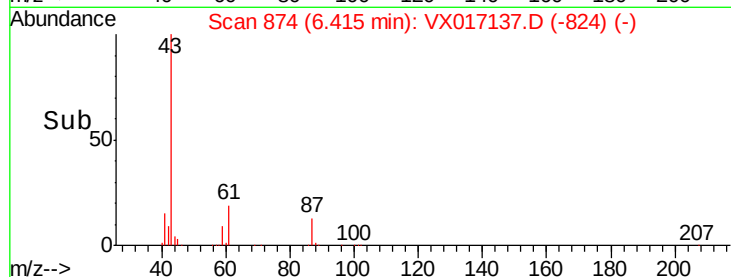
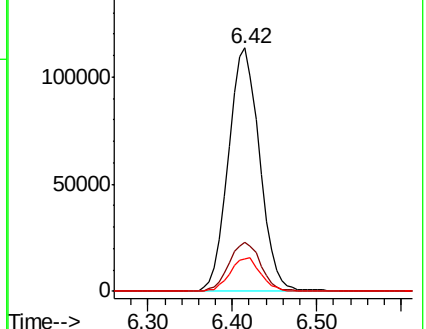
87 13.8 10.7 16.1



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: 52.071 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017137.D

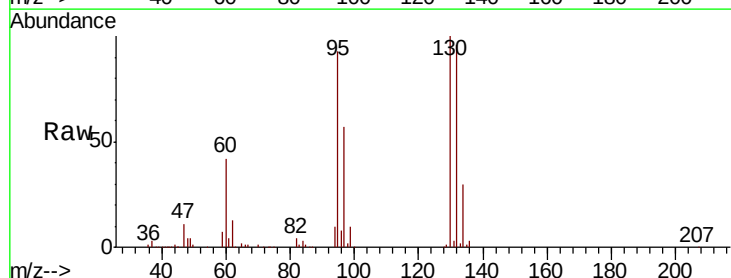
Acq: 02 Jul 2020 06:48

Tgt Ion:130 Resp: 142350

Ion Ratio Lower Upper

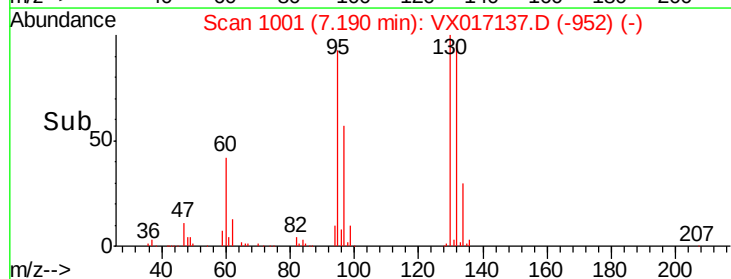
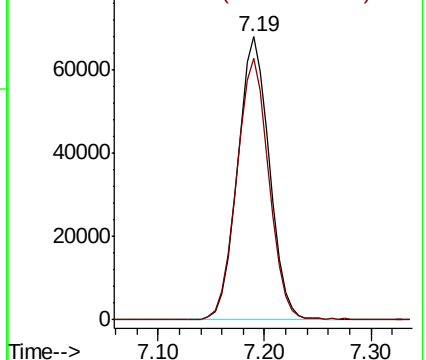
130 100

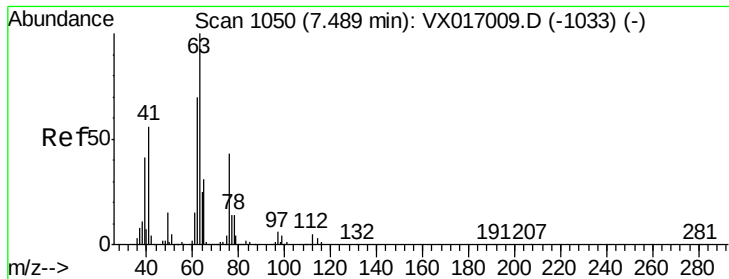
95 92.6 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

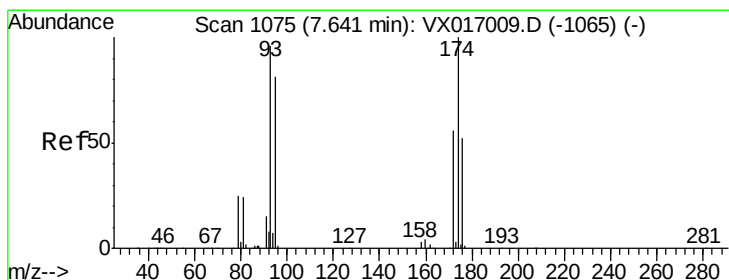
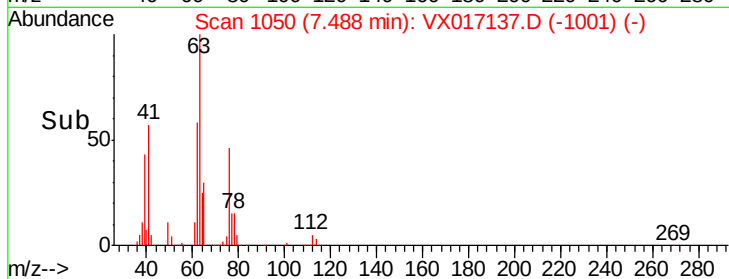
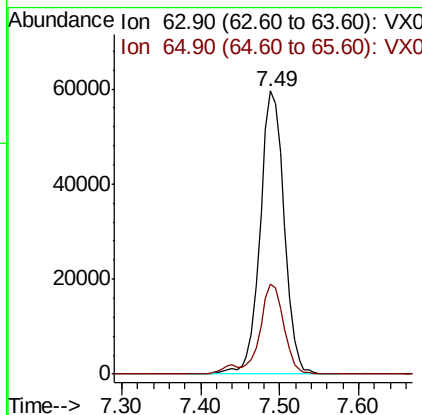
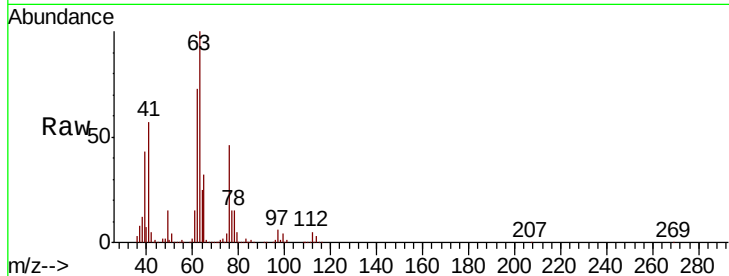




#45
 1,2-Dichloropropane
 Concen: 49.639 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

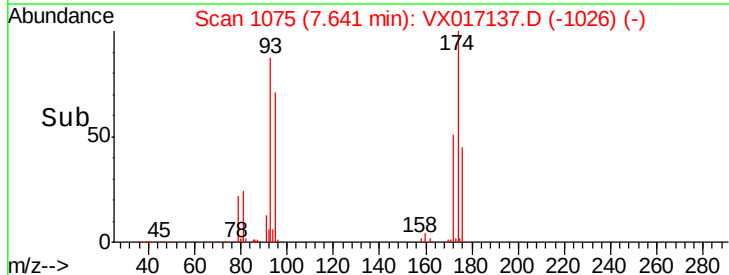
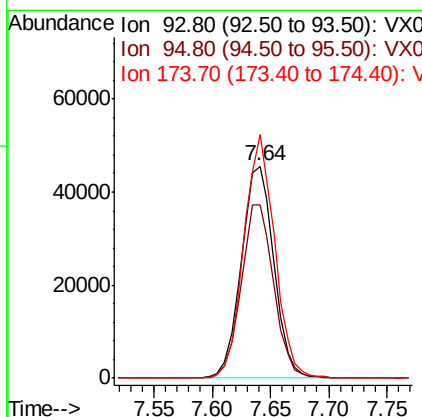
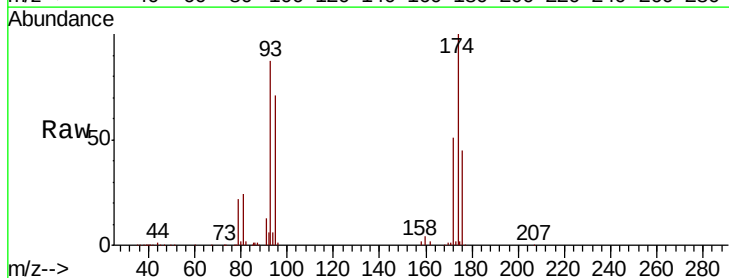
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

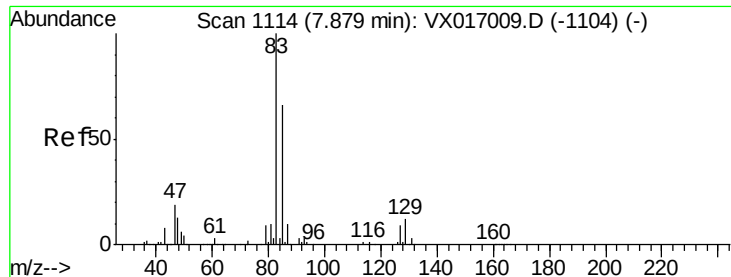
Tot Ion: 63 Resp: 126336
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.6 36.8



#46
 Dibromomethane
 Concen: 51.350 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

Tgt Ion: 93 Resp: 89225
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.4 101.0
 174 108.6 84.3 126.5





#47

Bromodichloromethane

Concen: 52.510 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

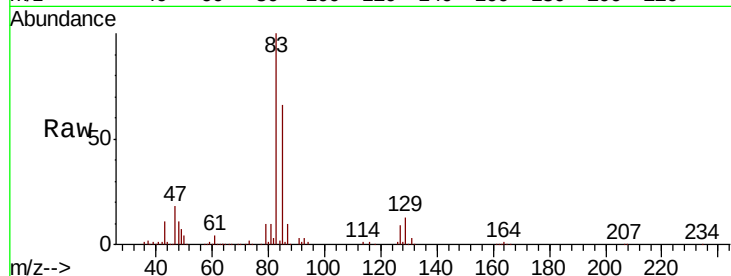
Tot Ion: 83 Resp: 188032

Ion Ratio Lower Upper

83 100

85 65.4 53.0 79.4

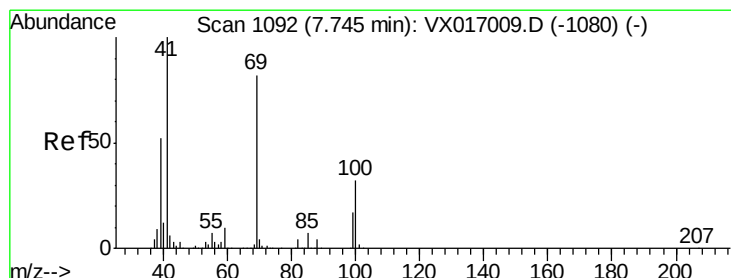
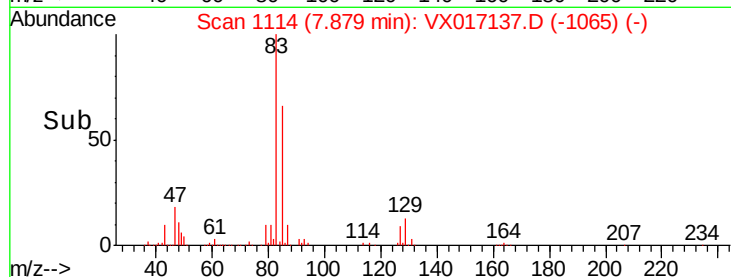
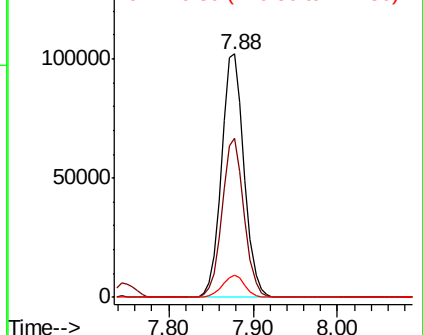
127 9.1 7.5 11.3



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: 53.259 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

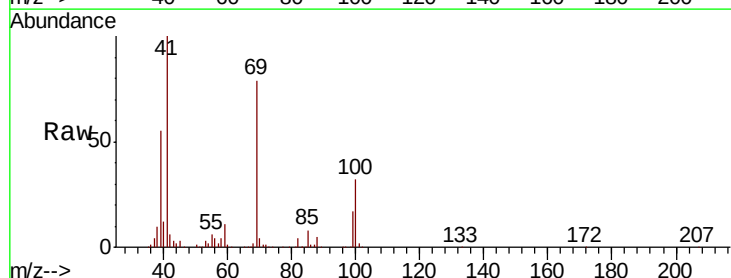
Tgt Ion: 41 Resp: 143876

Ion Ratio Lower Upper

41 100

69 82.8 65.8 98.8

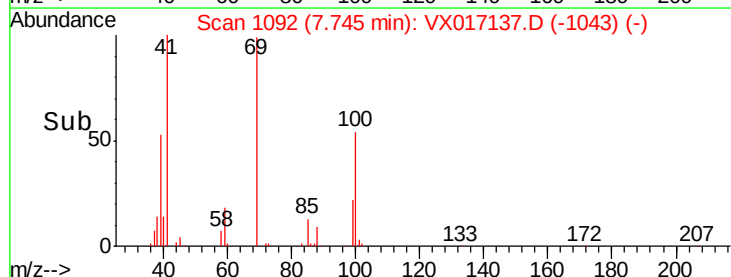
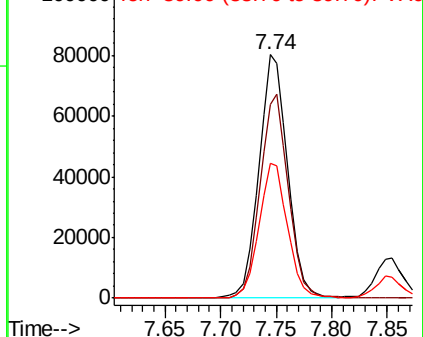
39 55.1 42.5 63.7

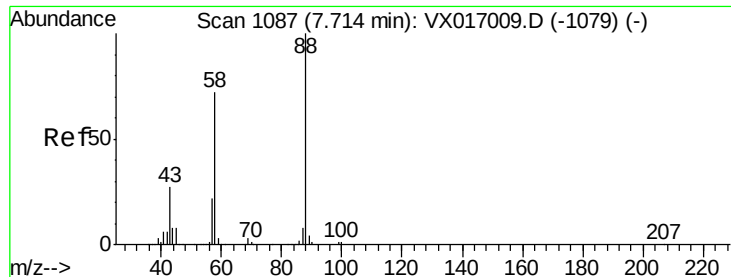


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

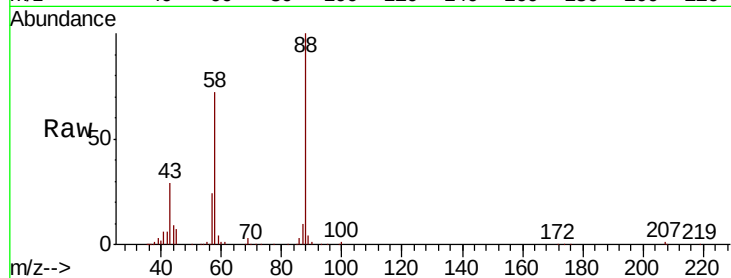




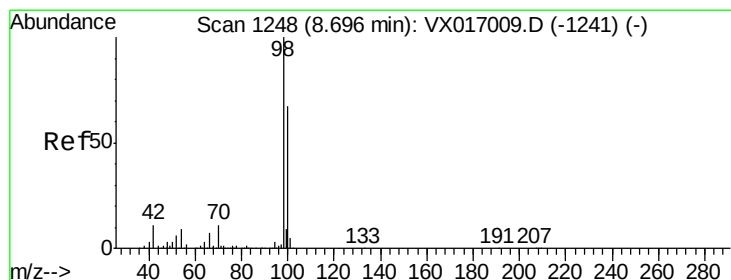
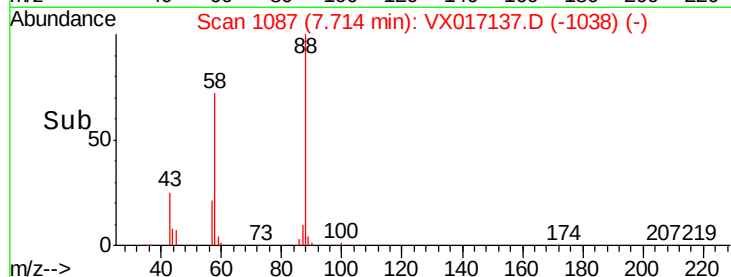
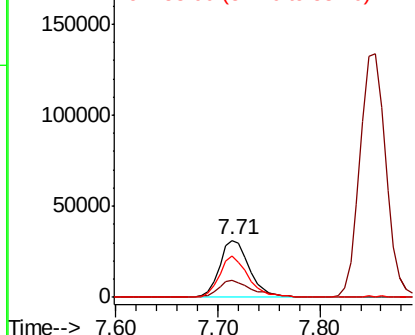
#49
1,4-Dioxane
Concen: 1047.150 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 64086
Ion Ratio Lower Upper
88 100
43 33.4 25.8 38.8
58 70.7 54.8 82.2

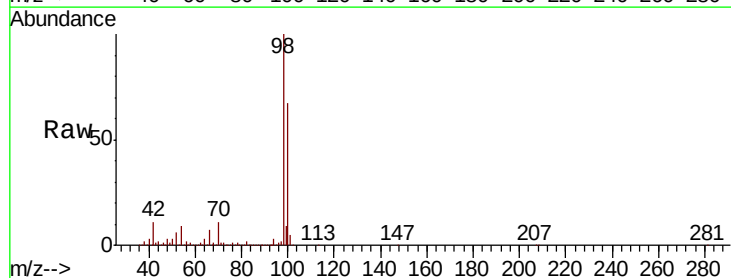


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

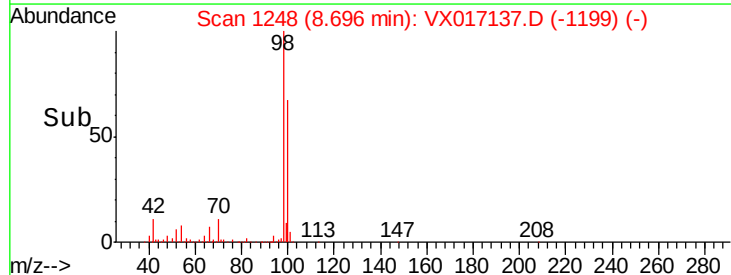
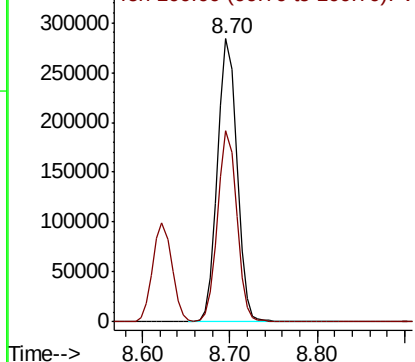


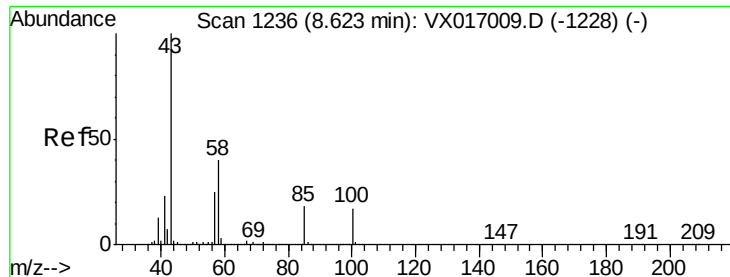
#50
Toluene-d8
Concen: 52.422 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Tgt Ion: 98 Resp: 437565
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6



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

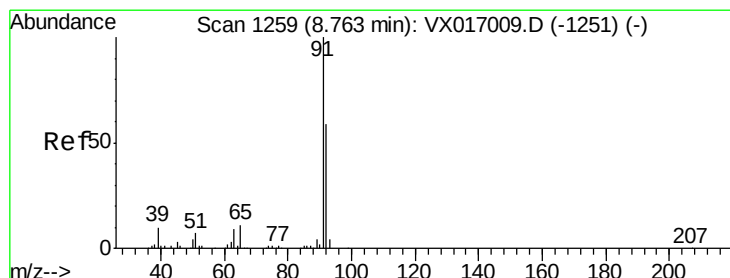
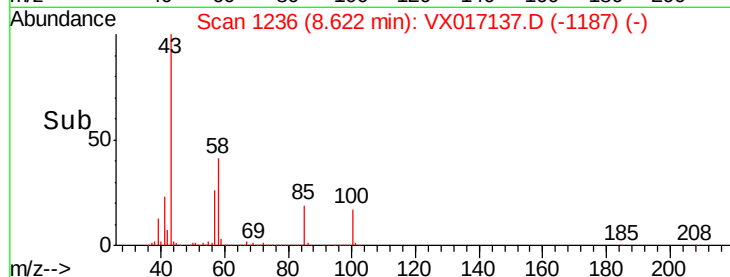
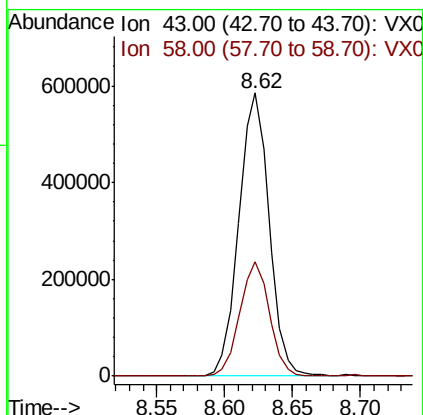
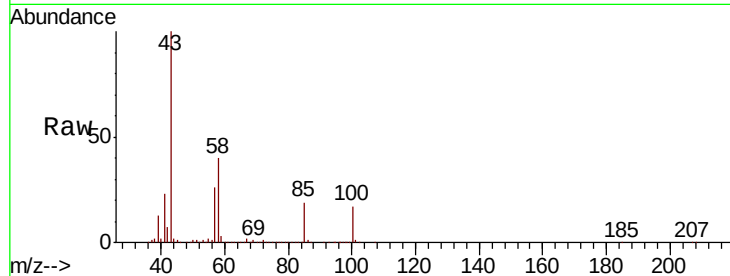




#51
 4-Methyl-2-Pentanone
 Concen: 267.993 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

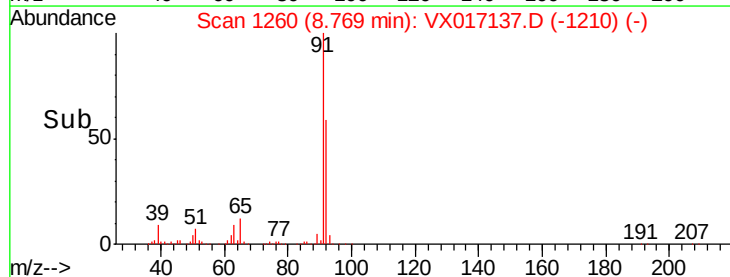
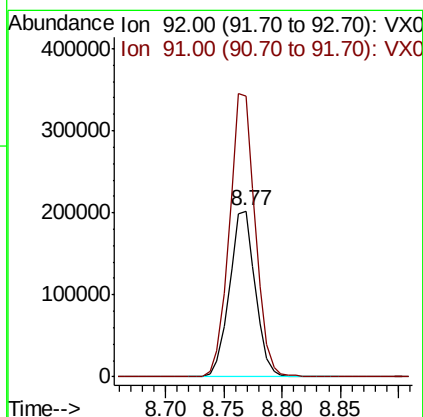
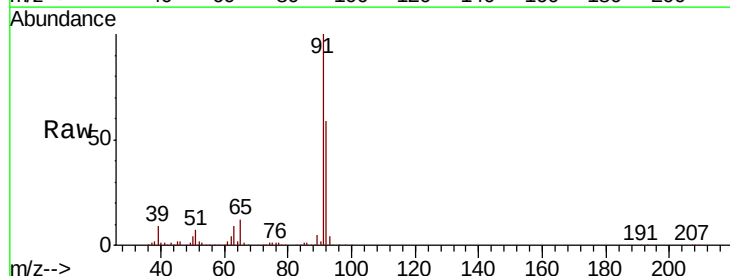
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

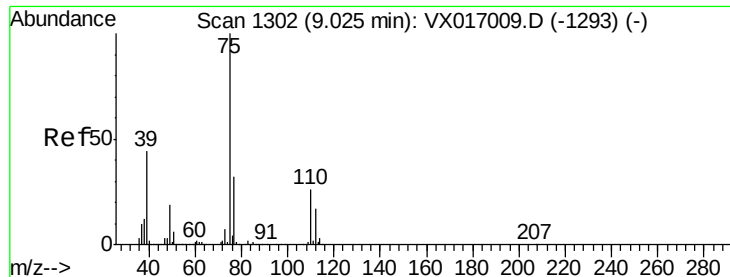
Tot Ion: 43 Resp: 908356
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.9 47.9



#52
 Toluene
 Concen: 50.565 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

Tgt Ion: 92 Resp: 312832
 Ion Ratio Lower Upper
 92 100
 91 170.5 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 48.663 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

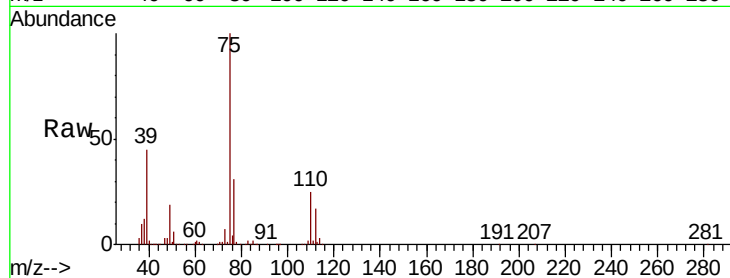
VSTDCCC050EC

Tot Ion: 75 Resp: 192261

Ion Ratio Lower Upper

75 100

77 30.7 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

150000

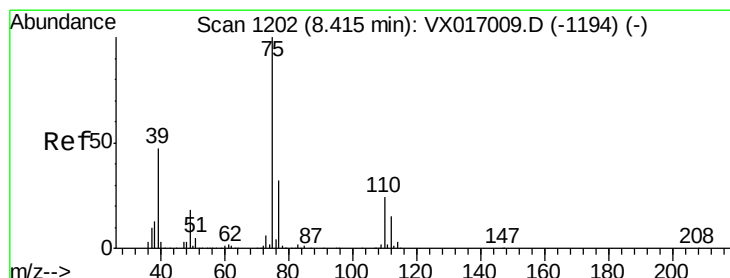
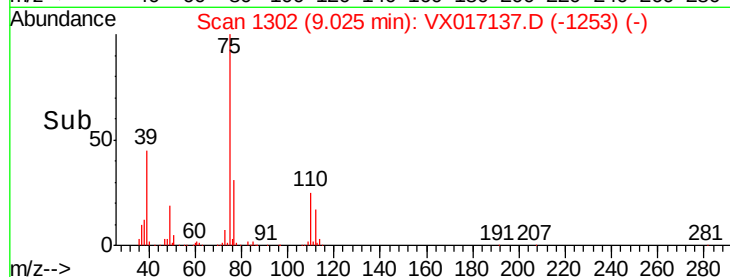
100000

50000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.581 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

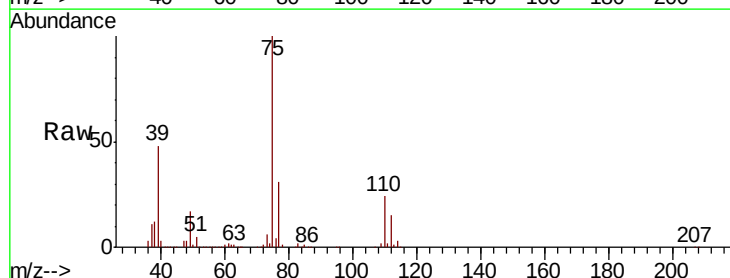
Tgt Ion: 75 Resp: 201518

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 47.8 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

150000

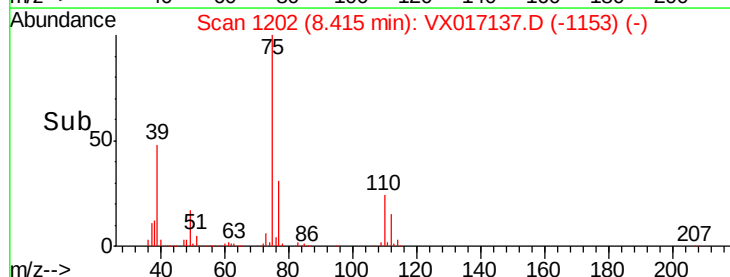
100000

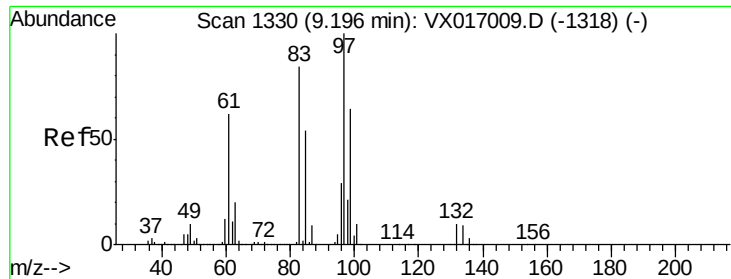
50000

0

8.30 8.35 8.40 8.45 8.50

Time-->



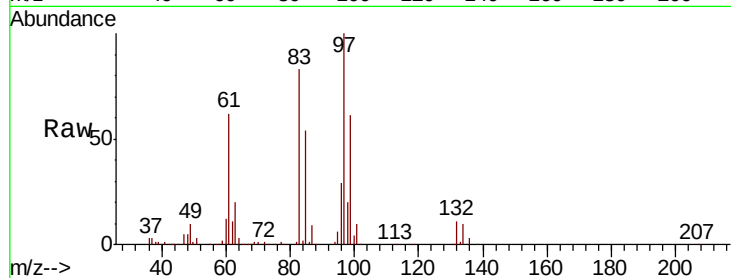


#55
 1,1,2-Trichloroethane
 Concen: 51.815 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

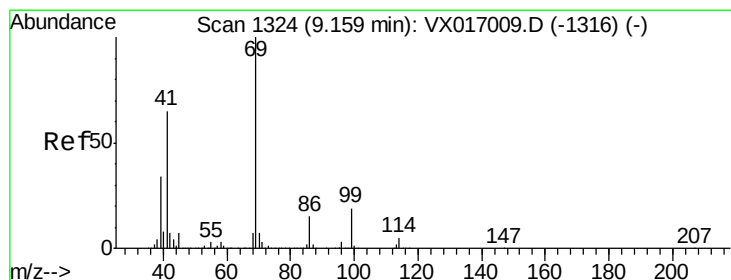
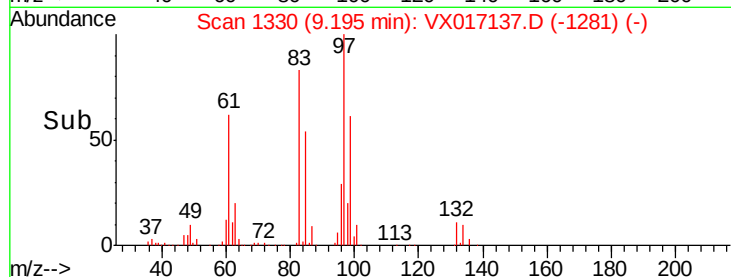
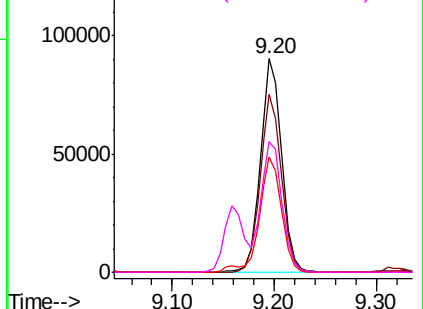
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 130974

Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.0	100.6
85	54.1	43.5	65.3
99	61.4	51.0	76.6



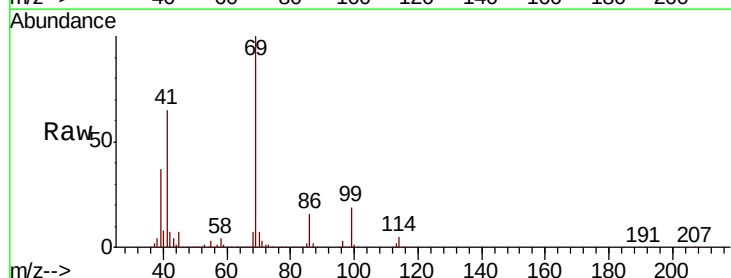
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



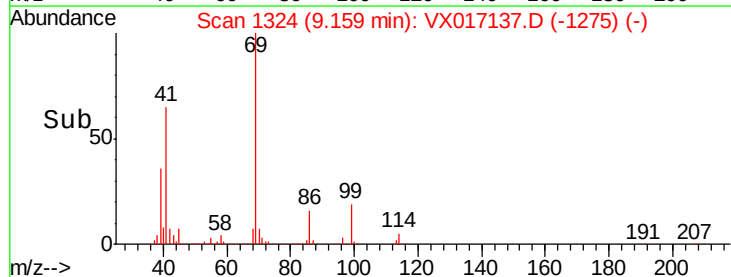
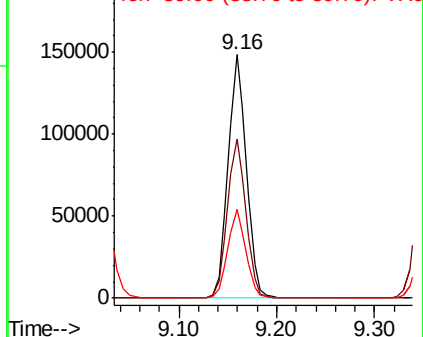
#56
 Ethyl methacrylate
 Concen: 53.857 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

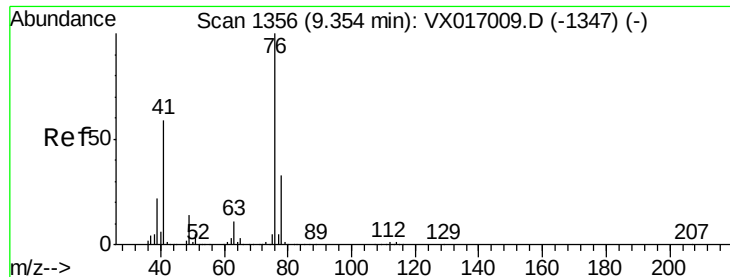
Tgt Ion: 69 Resp: 193764

Ion	Ratio	Lower	Upper
69	100		
41	66.1	53.6	80.4
39	36.0	28.2	42.2



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.199 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

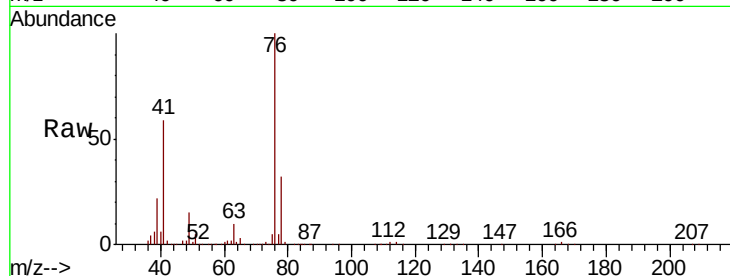
VSTDCCC050EC

Tot Ion: 76 Resp: 218984

Ion Ratio Lower Upper

76 100

78 31.9 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

150000

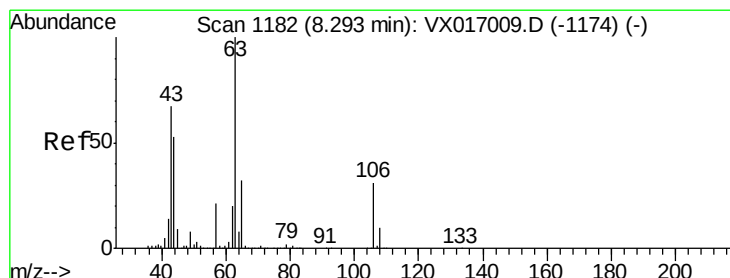
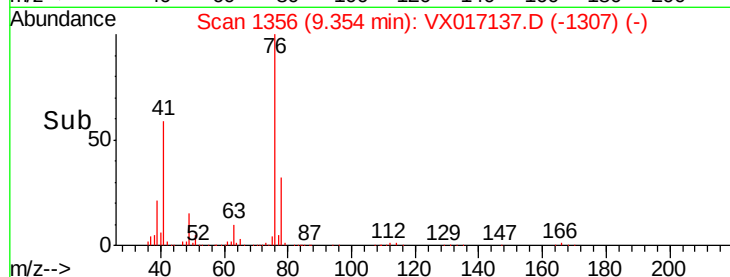
100000

50000

0

Time-->

9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 277.462 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017137.D

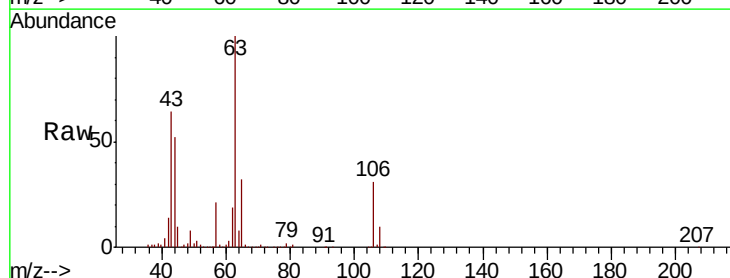
Acq: 02 Jul 2020 06:48

Tgt Ion: 63 Resp: 496818

Ion Ratio Lower Upper

63 100

106 30.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

300000

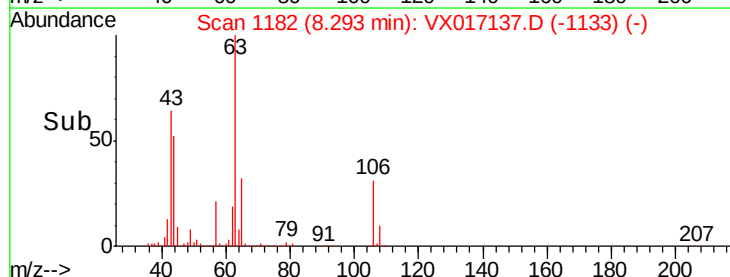
200000

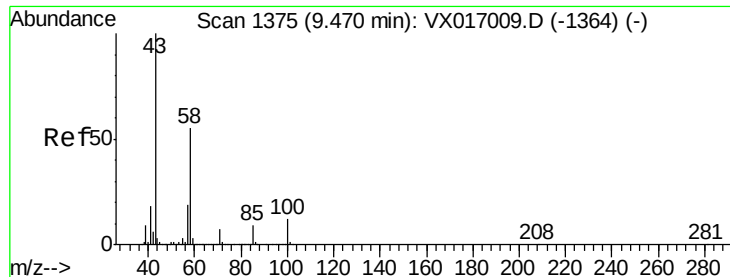
100000

0

Time-->

8.20 8.25 8.30 8.35 8.40

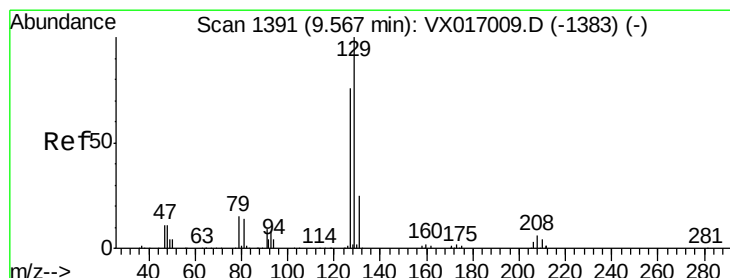
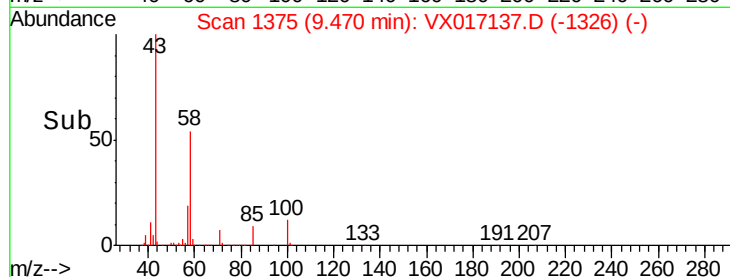
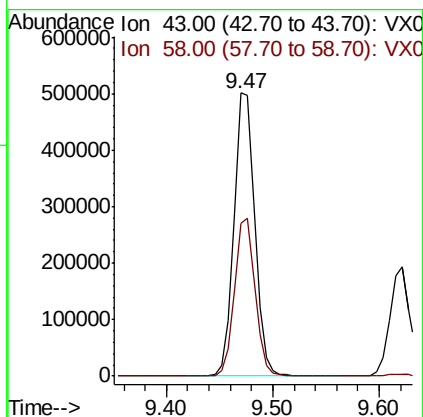
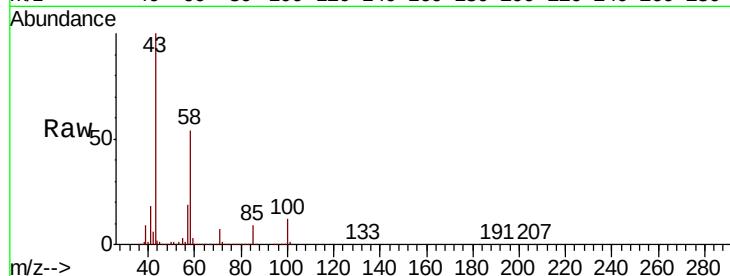




#59
2-Hexanone
Concen: 279.611 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

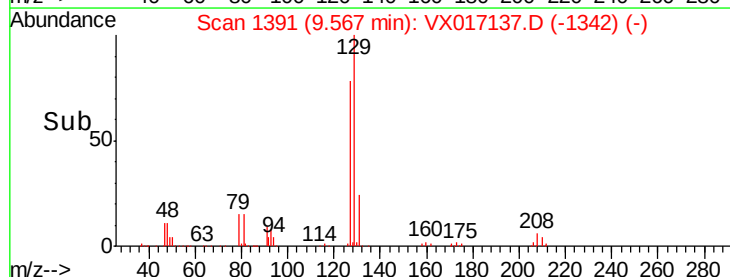
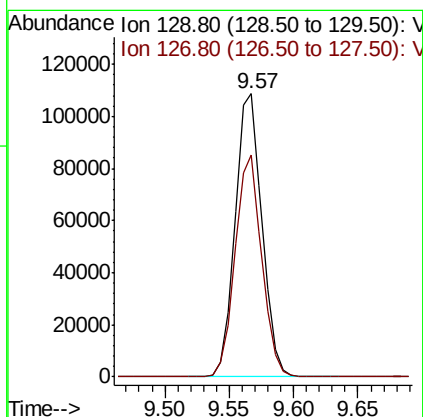
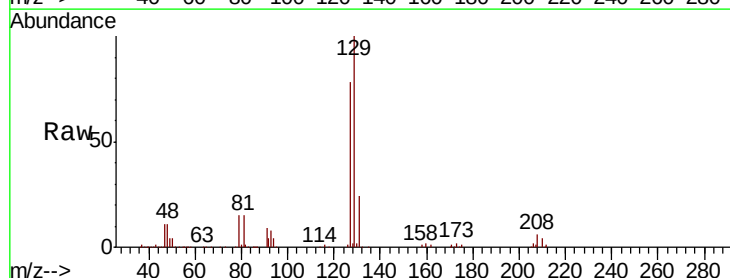
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

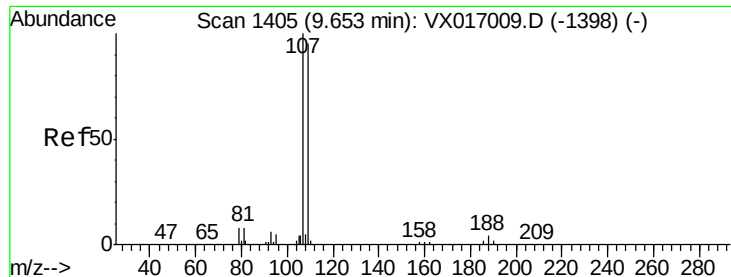
Tot Ion: 43 Resp: 692163
Ion Ratio Lower Upper
43 100
58 55.2 27.9 83.6



#60
Dibromochloromethane
Concen: 53.585 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Tgt Ion: 129 Resp: 157318
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.161 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

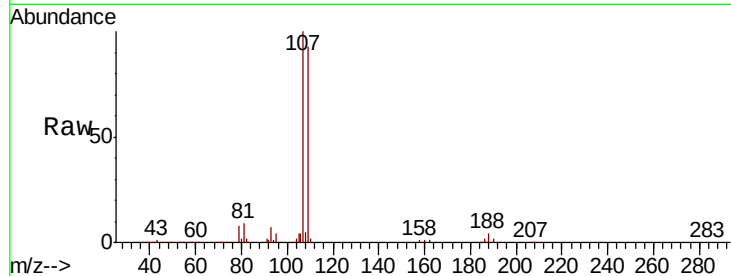
VSTDCCC050EC

Tot Ion:107 Resp: 141724

Ion Ratio Lower Upper

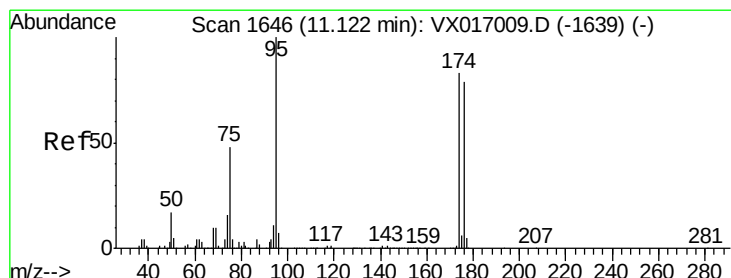
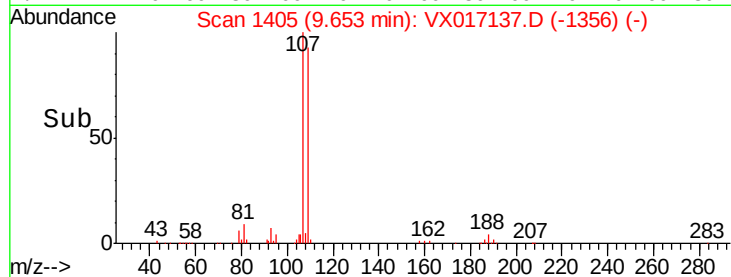
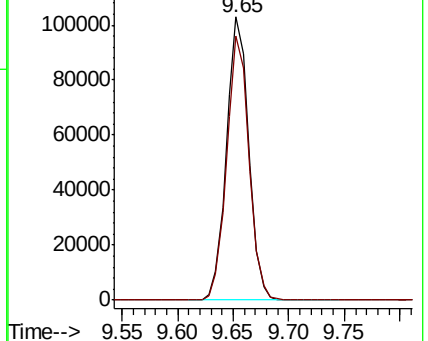
107 100

109 93.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.570 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

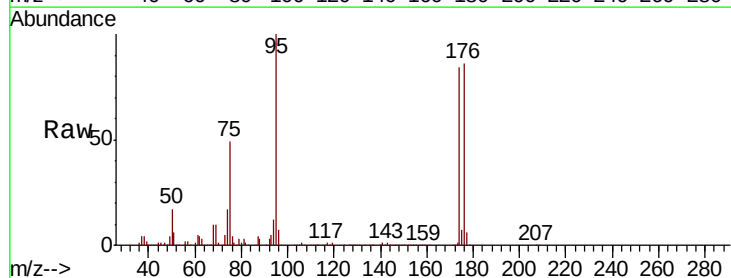
Tgt Ion: 95 Resp: 171532

Ion Ratio Lower Upper

95 100

174 84.3 0.0 164.0

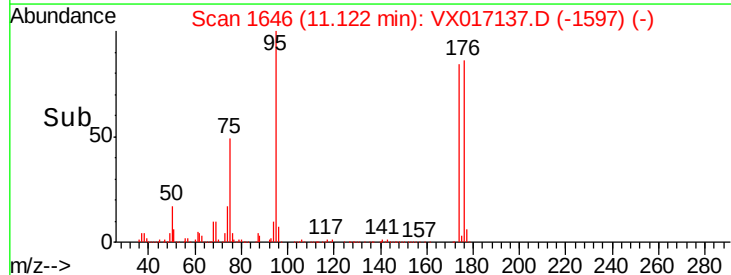
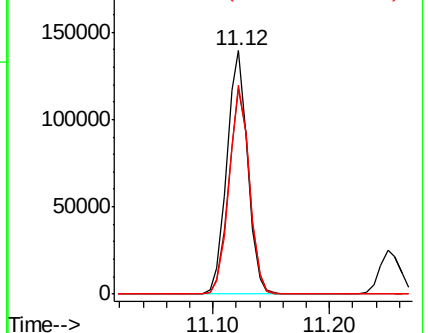
176 83.5 0.0 157.6

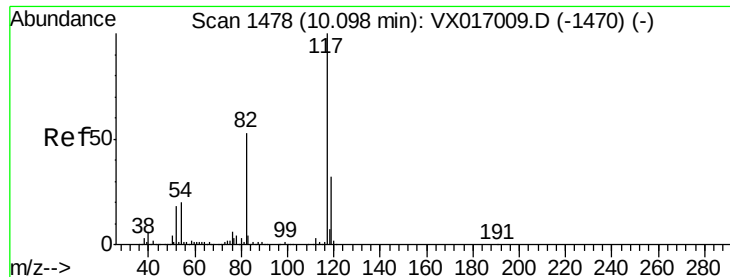


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

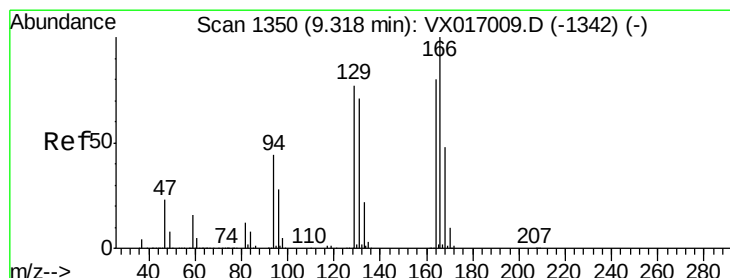
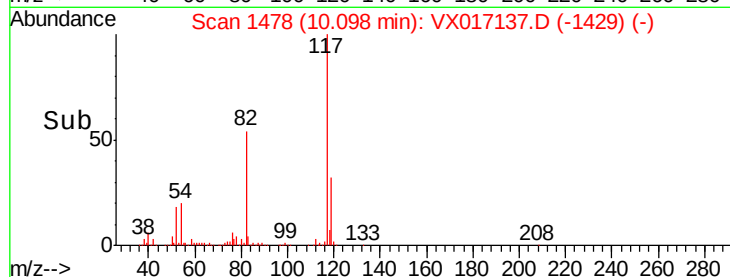
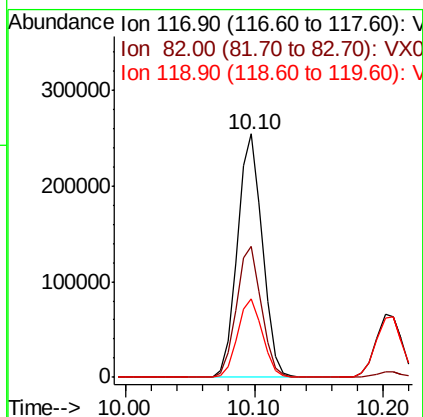
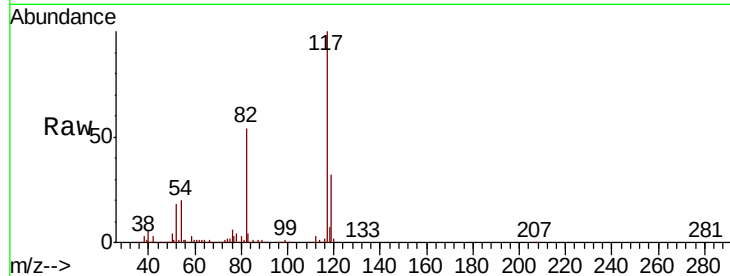




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

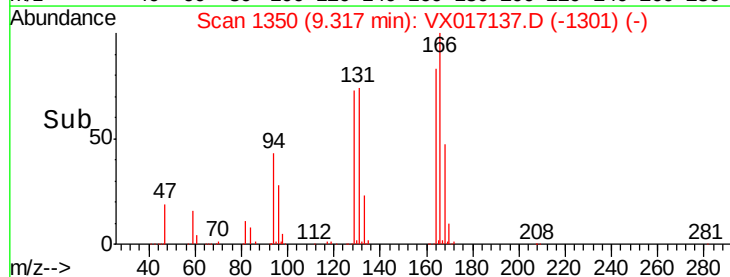
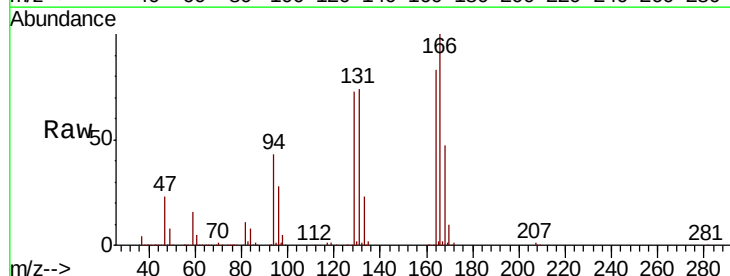
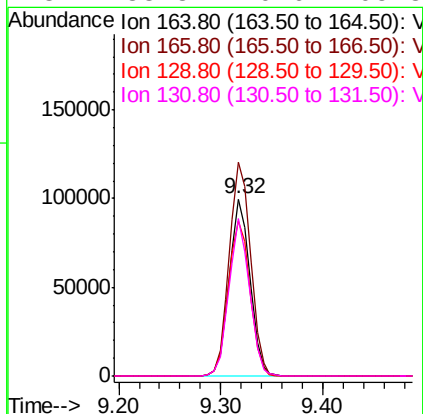
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

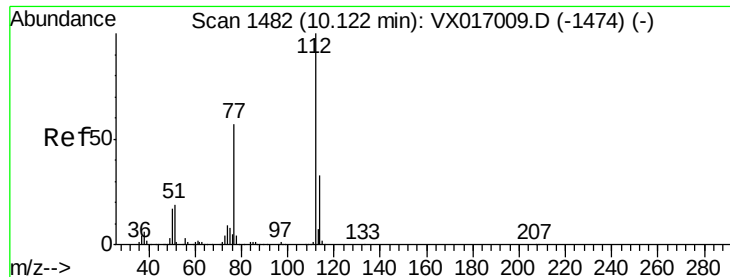
Tot Ion:117 Resp: 341792
Ion Ratio Lower Upper
117 100
82 54.0 42.6 63.8
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 50.630 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Tgt Ion:164 Resp: 139661
Ion Ratio Lower Upper
164 100
166 120.5 99.4 149.0
129 87.4 76.3 114.5
131 88.8 70.6 105.8





#65

Chlorobenzene

Concen: 48.766 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

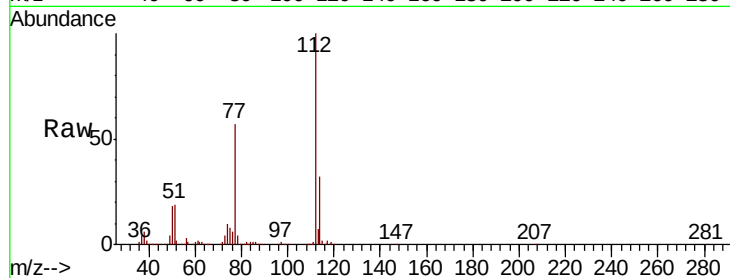
VSTDCCC050EC

Tot Ion:112 Resp: 344013

Ion Ratio Lower Upper

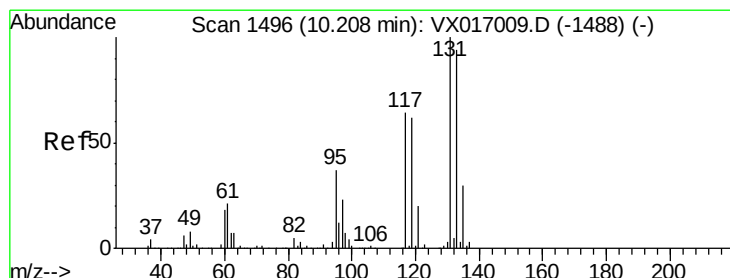
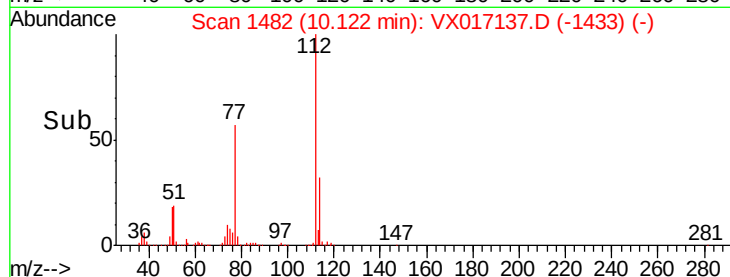
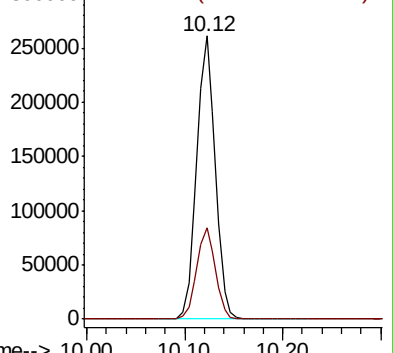
112 100

114 32.2 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.786 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

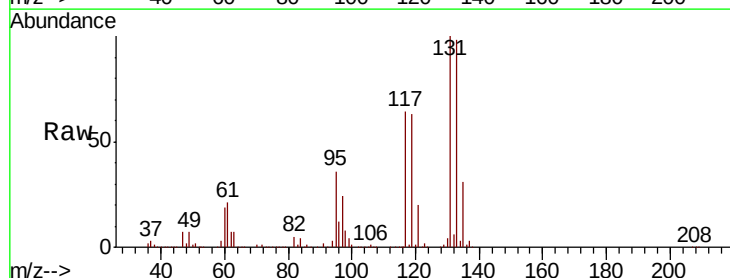
Tgt Ion:131 Resp: 138071

Ion Ratio Lower Upper

131 100

133 96.5 47.3 141.9

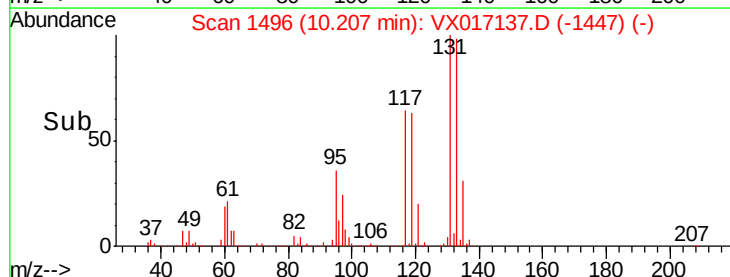
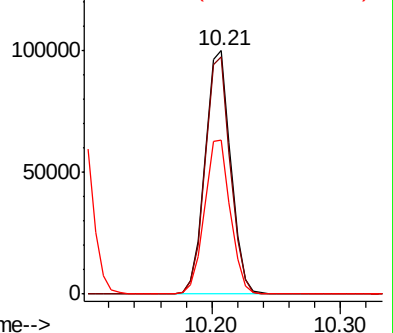
119 64.1 31.9 95.5

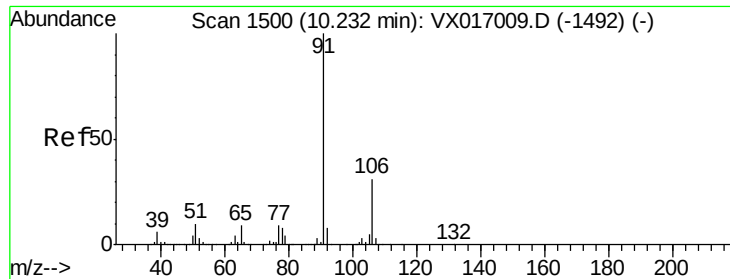


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.349 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

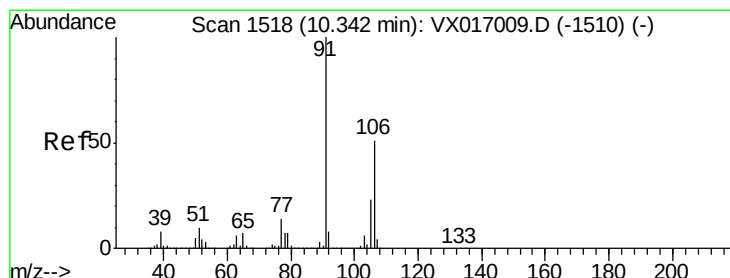
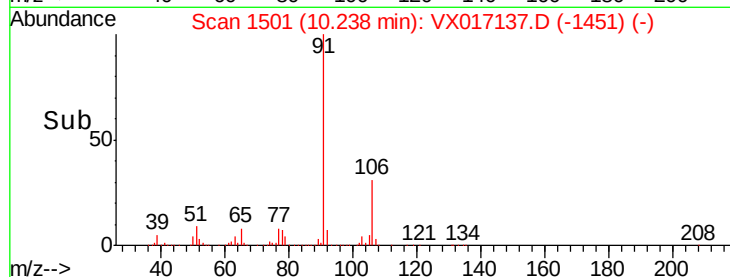
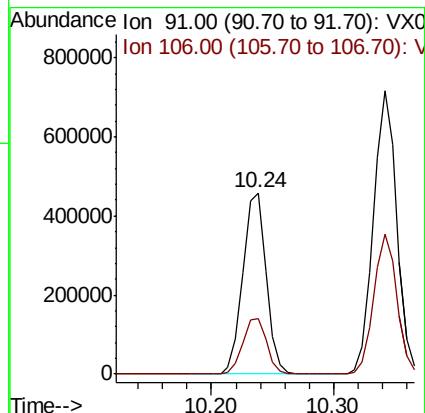
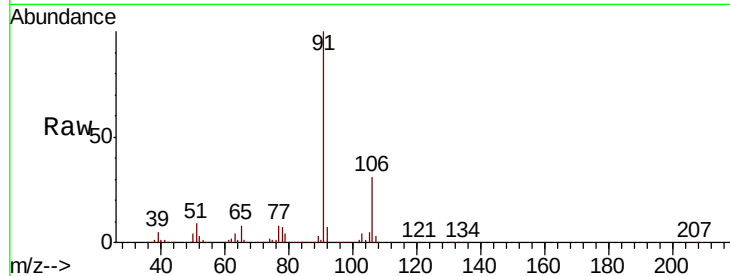
VSTDCCC050EC

Tot Ion: 91 Resp: 604931

Ion Ratio Lower Upper

91 100

106 30.8 24.7 37.1



#68

m/p-Xylenes

Concen: 103.125 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017137.D

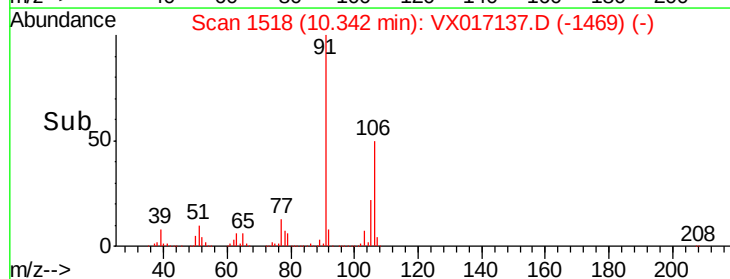
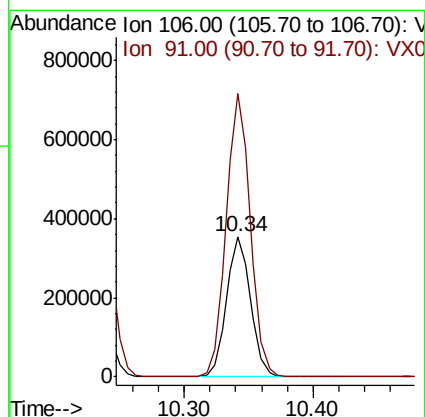
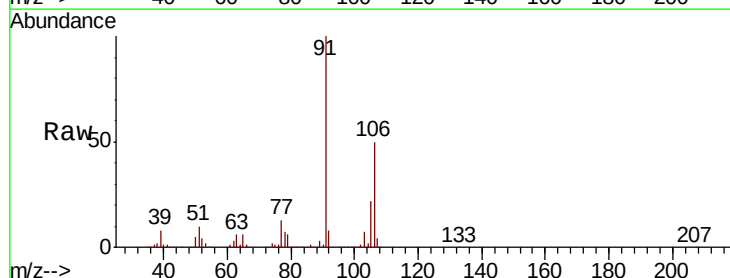
Acq: 02 Jul 2020 06:48

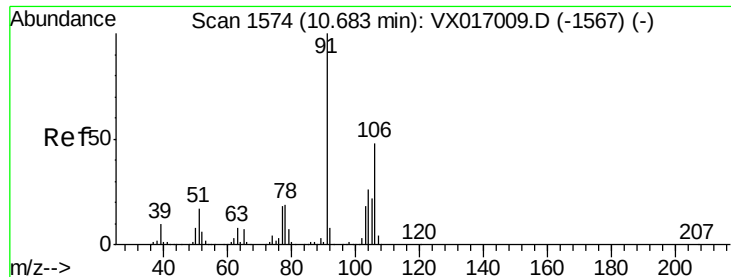
Tgt Ion: 106 Resp: 466485

Ion Ratio Lower Upper

106 100

91 202.9 158.6 238.0

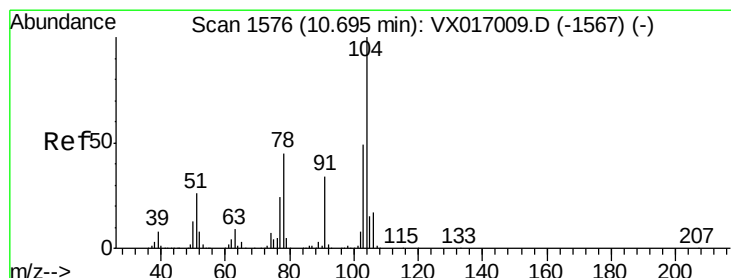
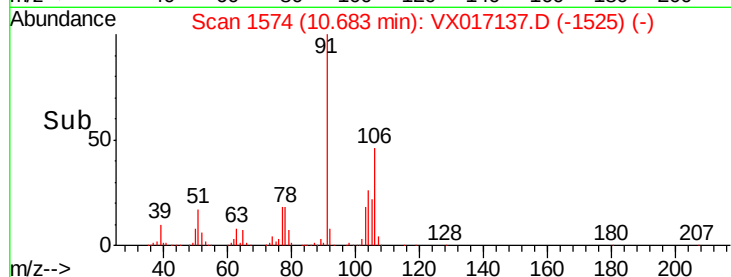
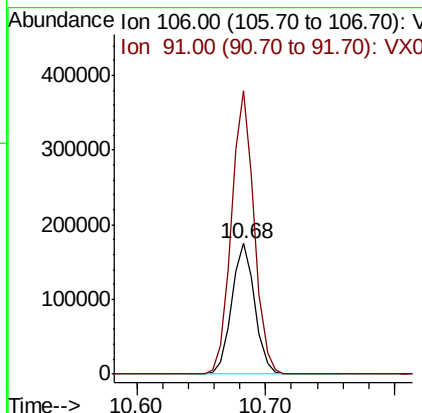
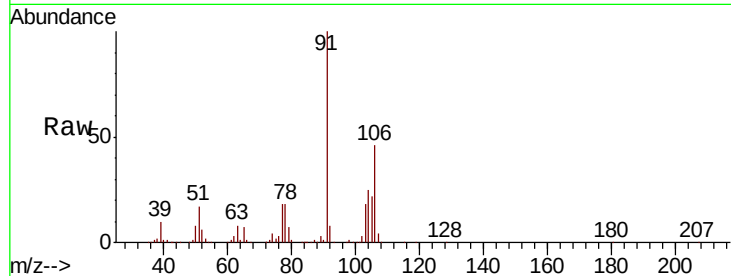




#69
o-Xylene
Concen: 51.133 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

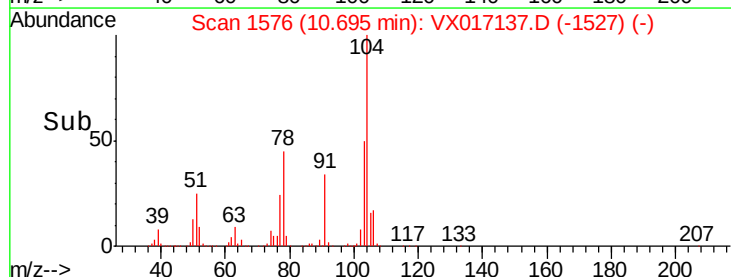
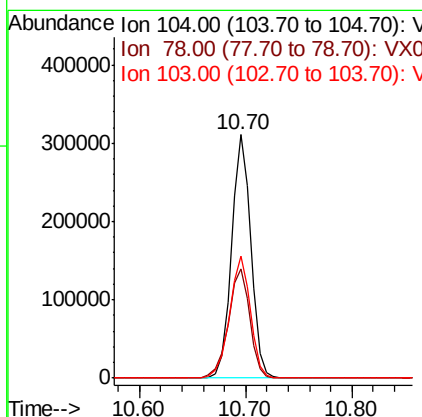
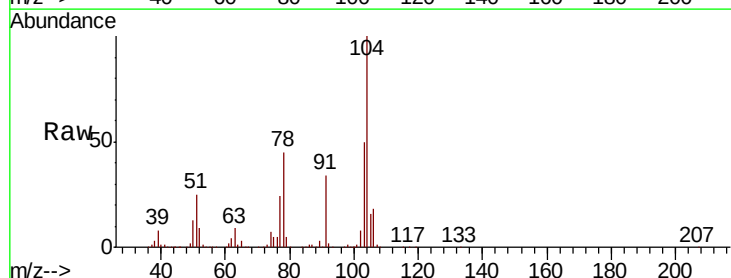
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

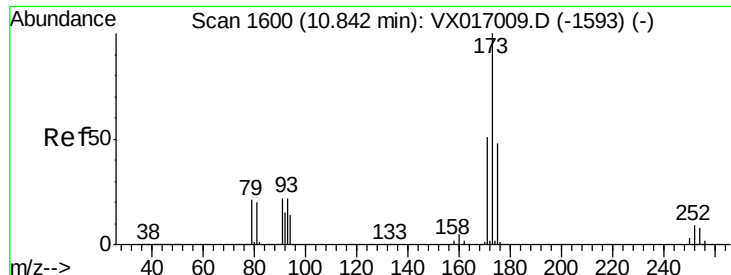
Tot Ion:106 Resp: 220036
Ion Ratio Lower Upper
106 100
91 212.7 105.6 316.7



#70
Styrene
Concen: 54.032 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Tgt Ion:104 Resp: 395935
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 53.8 43.0 64.6





#71

Bromoform

Concen: 56.082 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

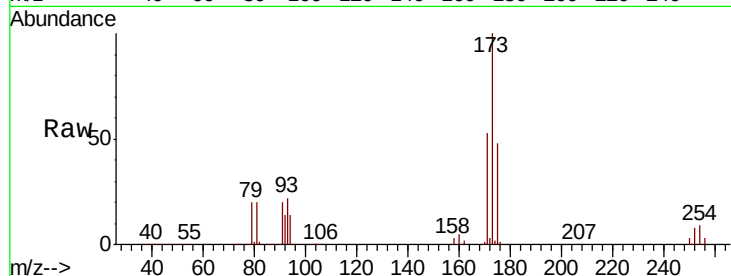
Tot Ion:173 Resp: 120906

Ion Ratio Lower Upper

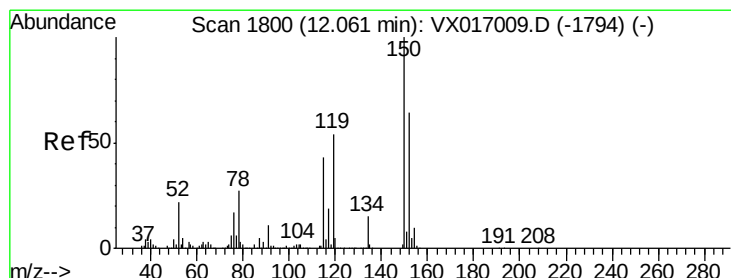
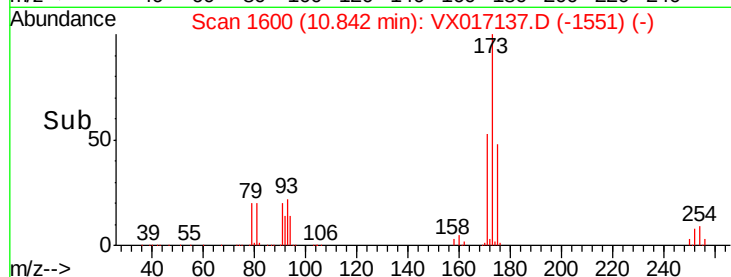
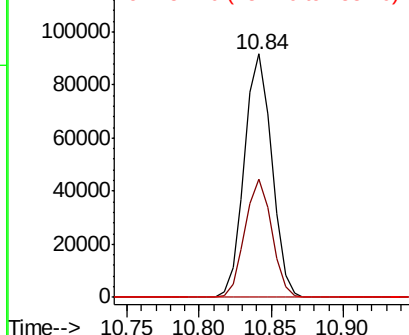
173 100

175 47.6 24.5 73.5

254 0.0 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: VX017137.D

Acq: 02 Jul 2020 06:48

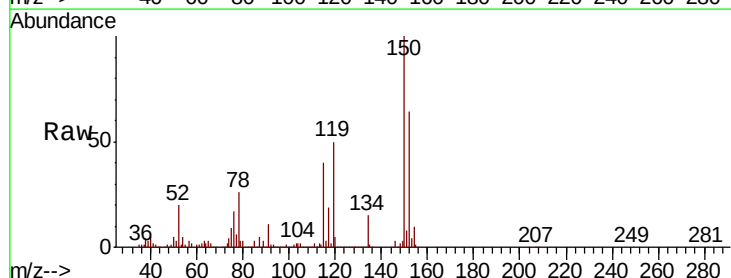
Tgt Ion:152 Resp: 189161

Ion Ratio Lower Upper

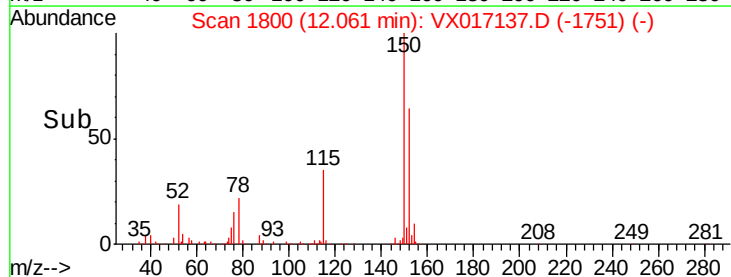
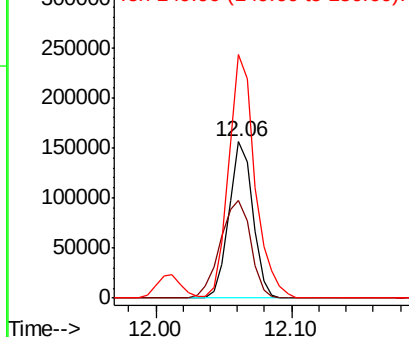
152 100

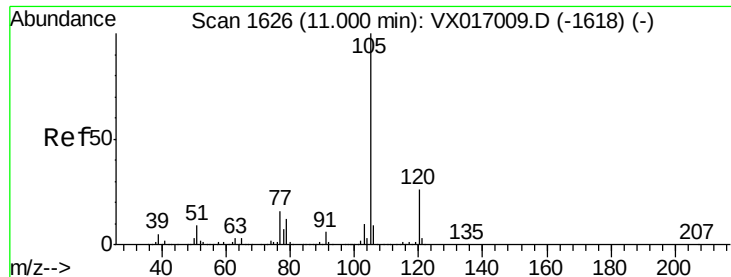
115 79.9 40.9 122.7

150 172.2 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.684 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

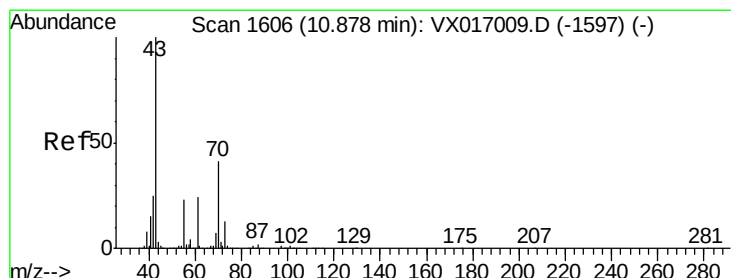
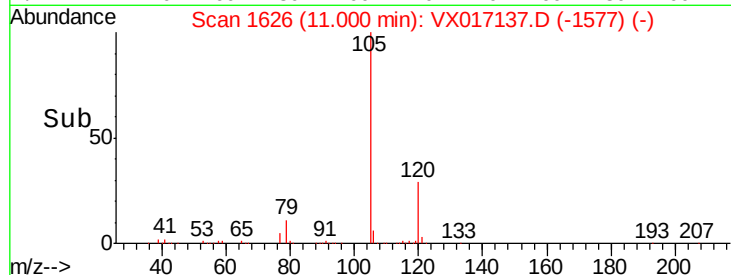
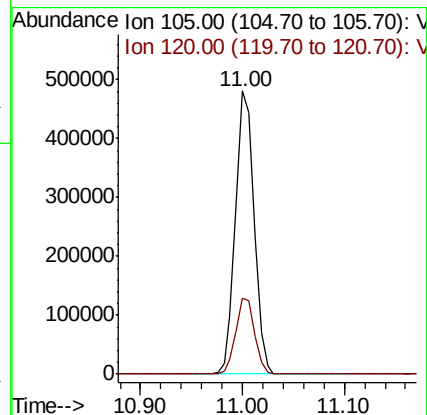
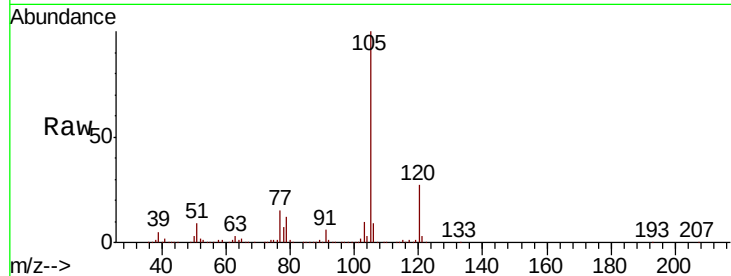
VSTDCCC050EC

Tot Ion:105 Resp: 603207

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 48.088 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Tgt Ion: 43 Resp: 254231

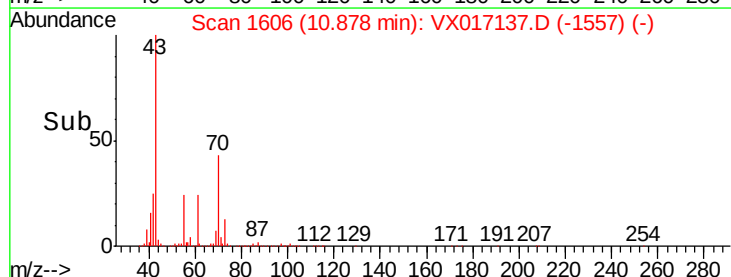
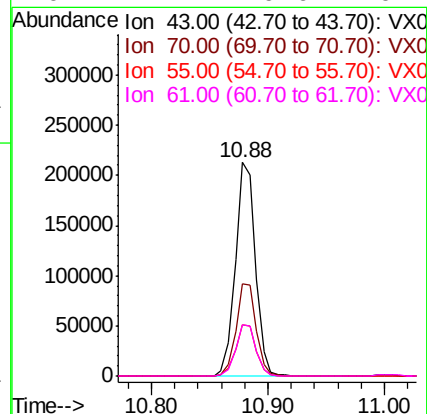
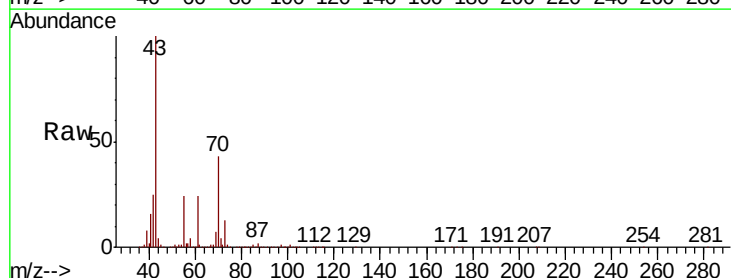
Ion Ratio Lower Upper

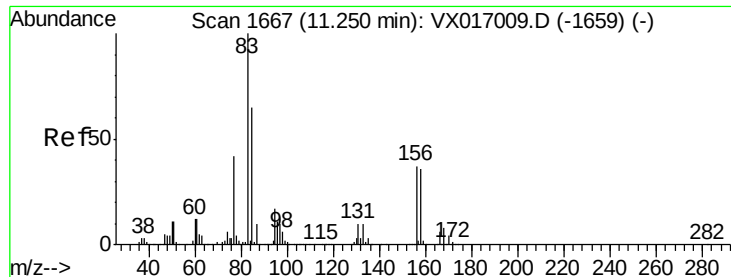
43 100

70 43.3 34.2 51.2

55 24.4 19.2 28.8

61 24.2 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.622 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

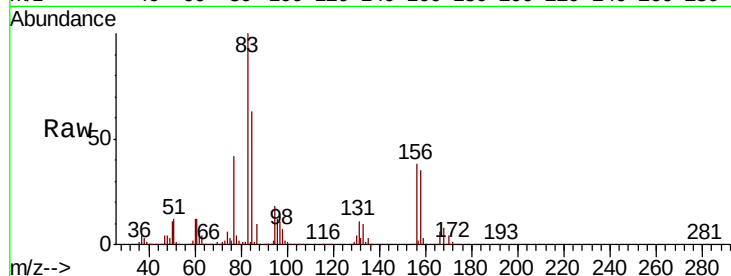
Tot Ion: 83 Resp: 185605

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

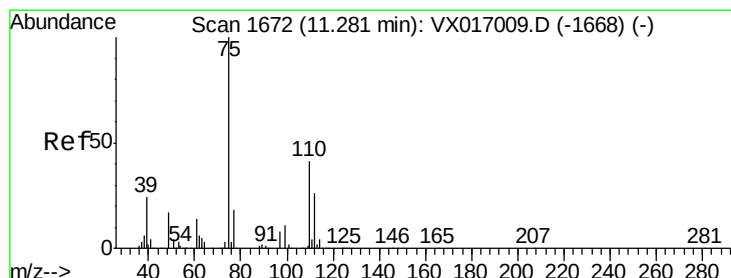
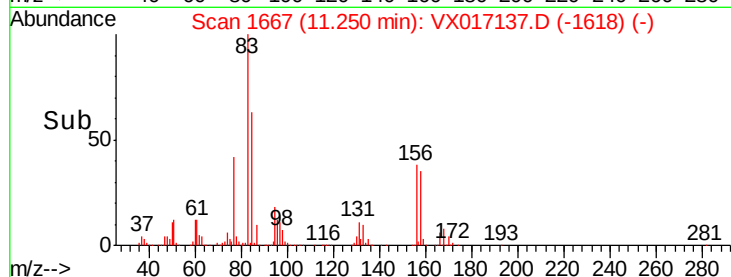
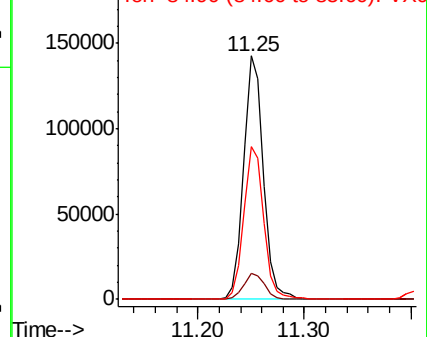
85 63.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.359 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017137.D

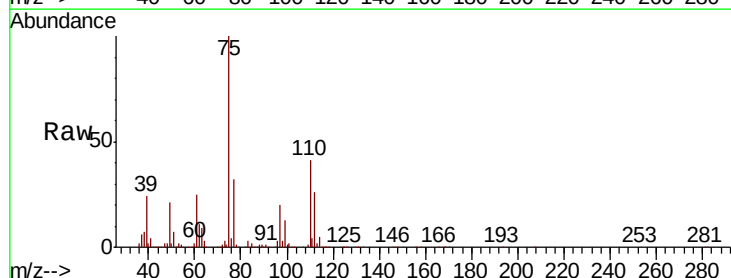
Acq: 02 Jul 2020 06:48

Tgt Ion: 75 Resp: 224520

Ion Ratio Lower Upper

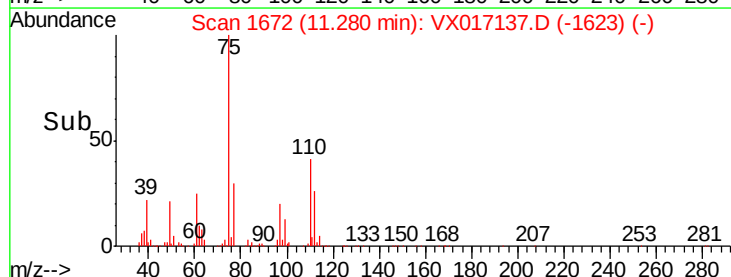
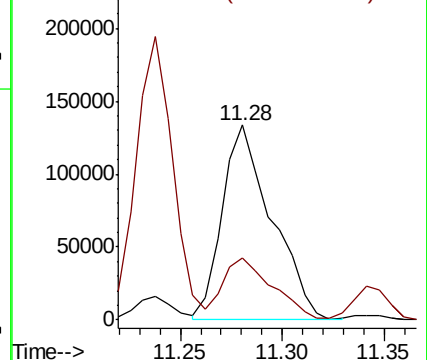
75 100

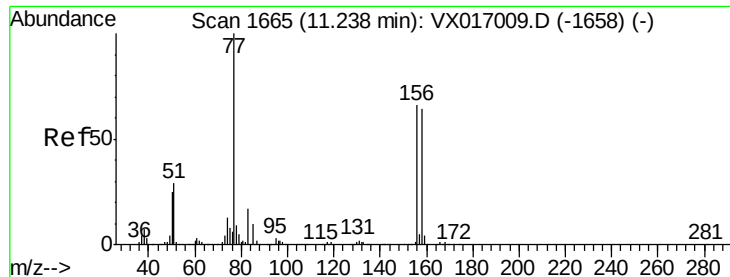
77 31.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.511 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

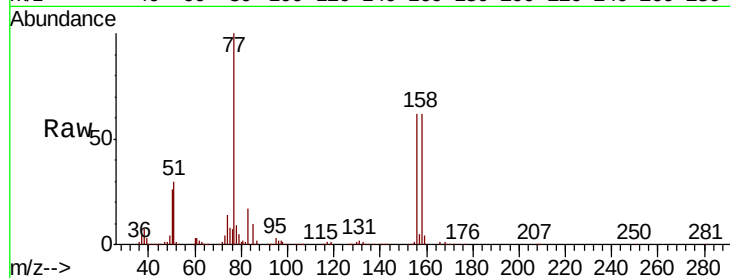
Tot Ion:156 Resp: 161789

Ion Ratio Lower Upper

156 100

77 150.8 76.9 230.7

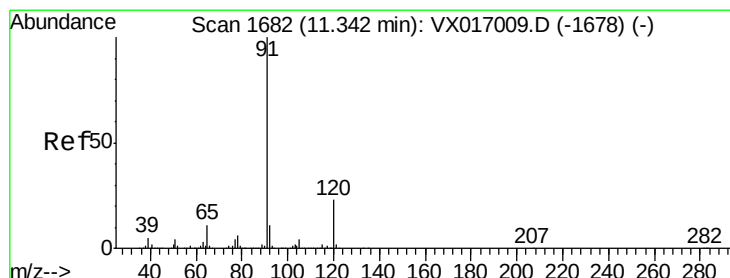
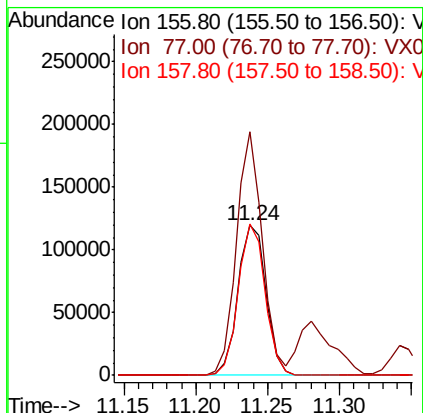
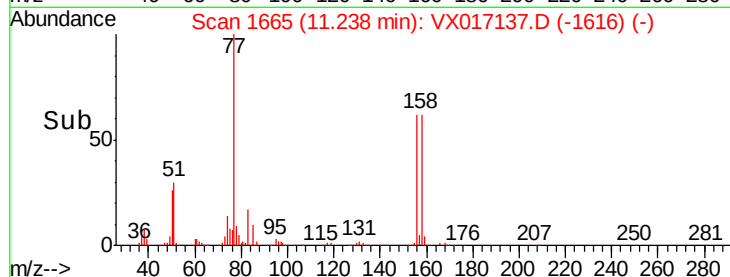
158 97.1 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.647 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017137.D

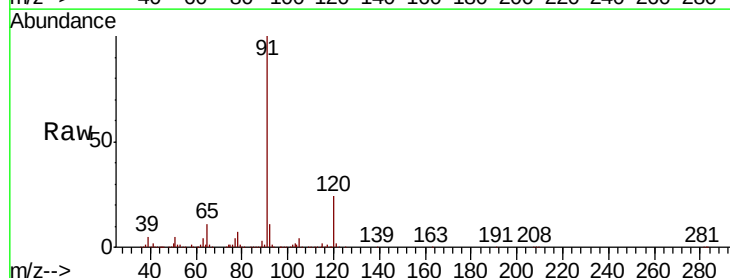
Acq: 02 Jul 2020 06:48

Tgt Ion: 91 Resp: 681605

Ion Ratio Lower Upper

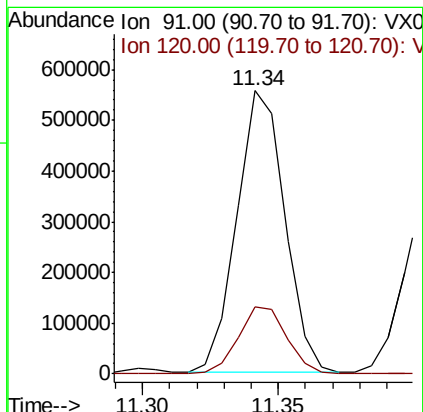
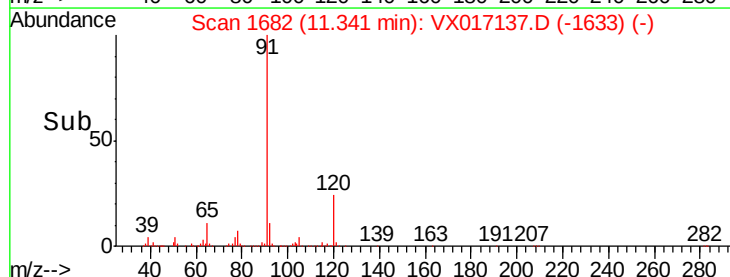
91 100

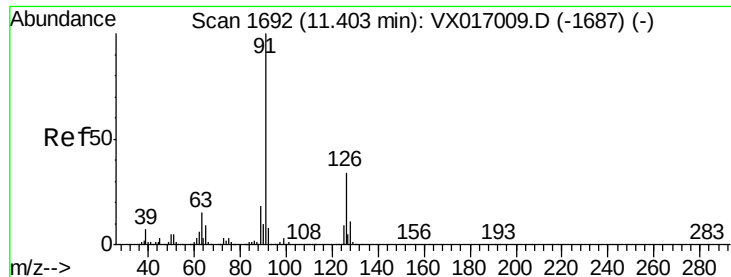
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

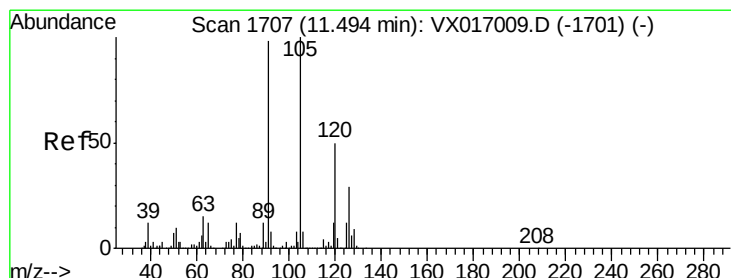
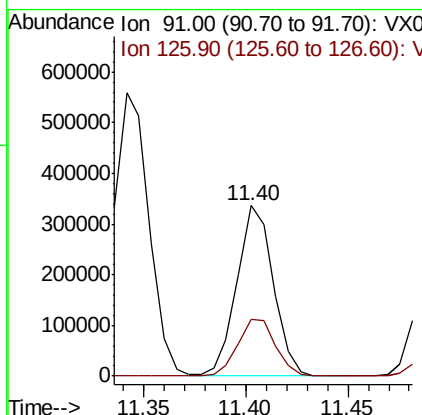
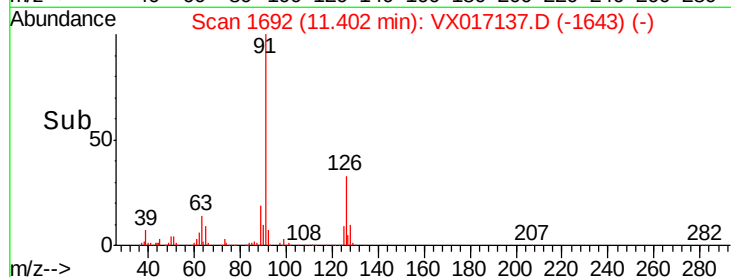
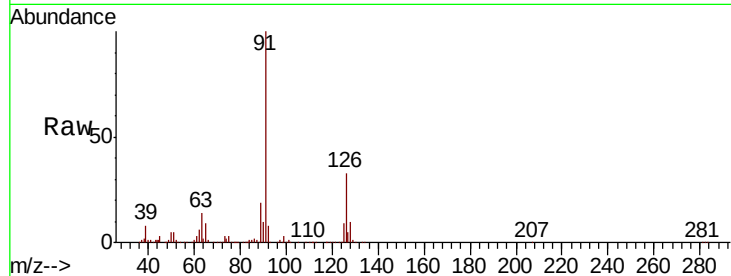




#79
2-Chlorotoluene
Concen: 48.875 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

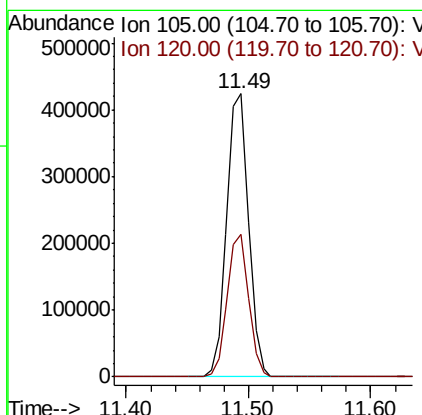
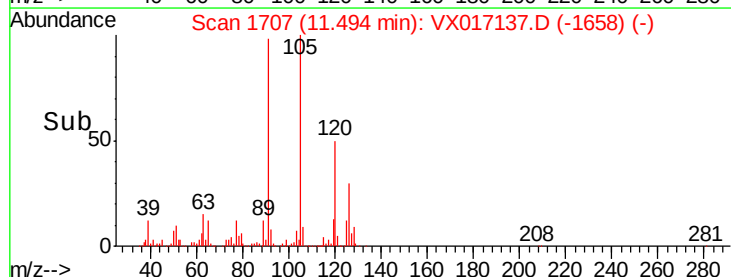
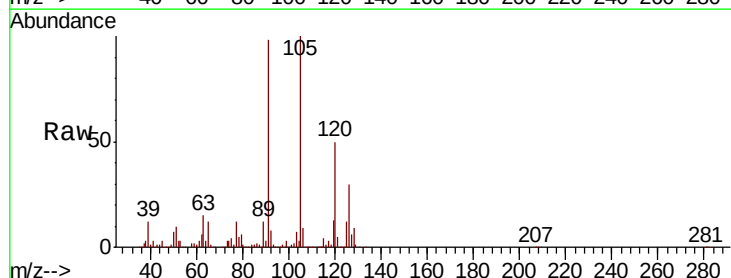
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

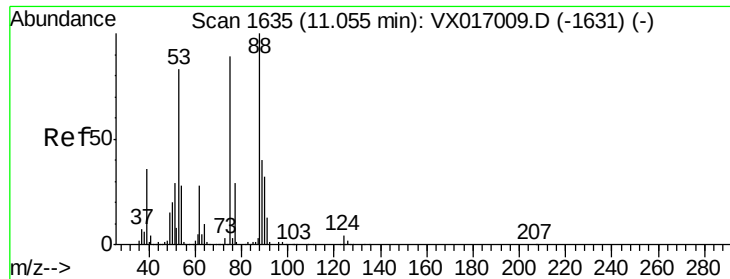
Tot Ion: 91 Resp: 414453
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 50.897 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Tgt Ion: 105 Resp: 523091
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 41.686 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

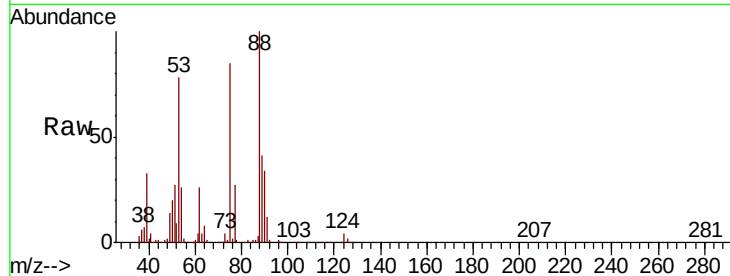
Tot Ion: 75 Resp: 59877

Ion Ratio Lower Upper

75 100

53 98.7 72.4 108.6

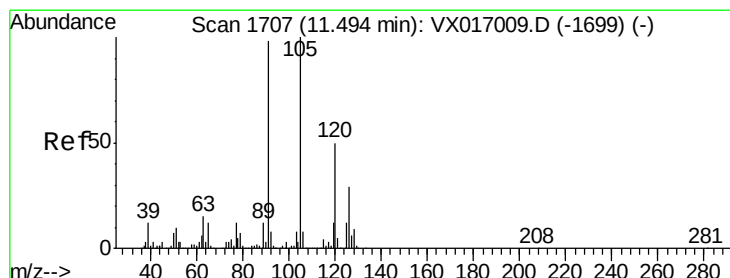
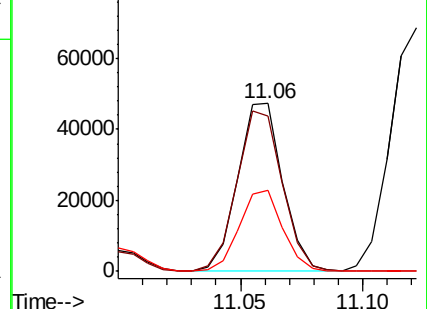
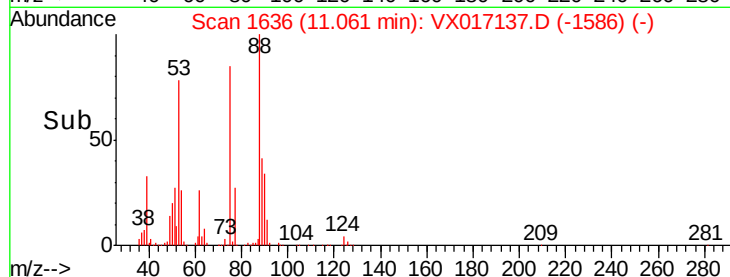
89 47.2 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.811 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017137.D

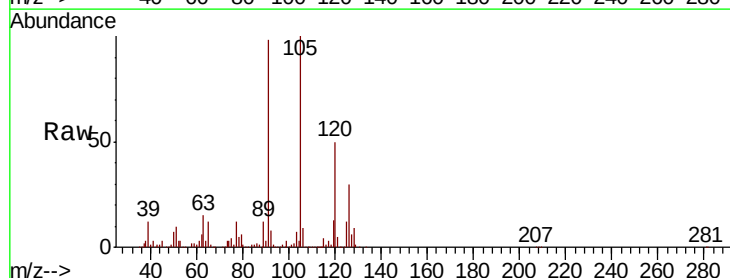
Acq: 02 Jul 2020 06:48

Tgt Ion: 91 Resp: 494803

Ion Ratio Lower Upper

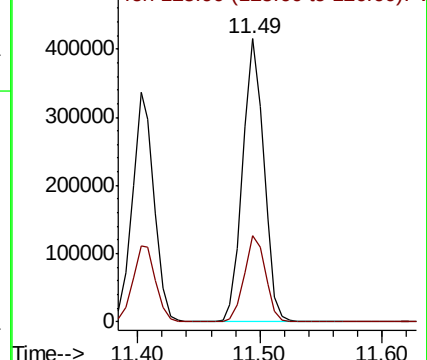
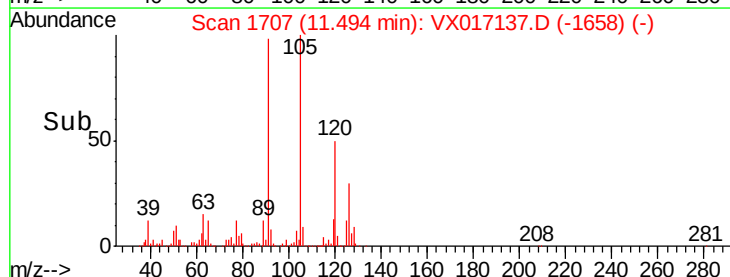
91 100

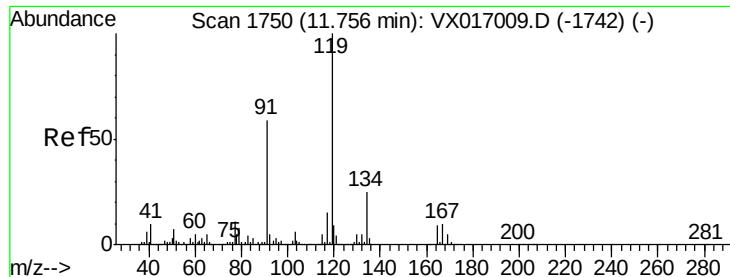
126 30.4 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

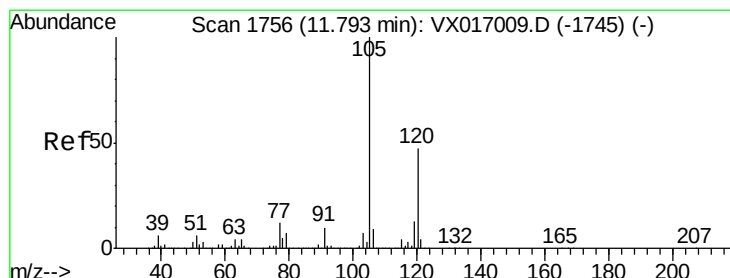
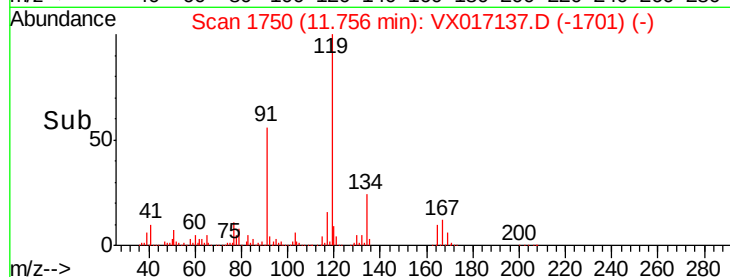
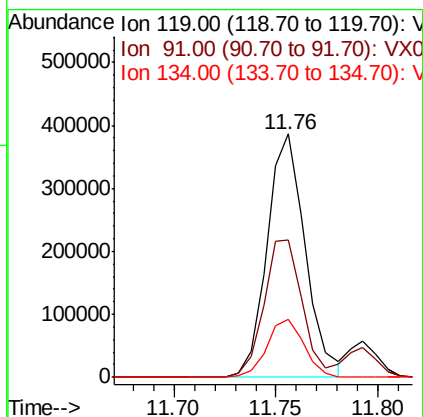
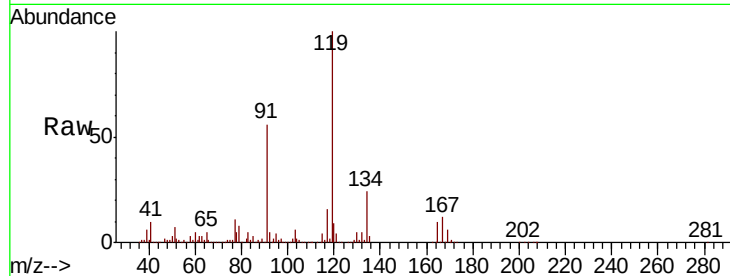




#83
 tert-Butylbenzene
 Concen: 49.918 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

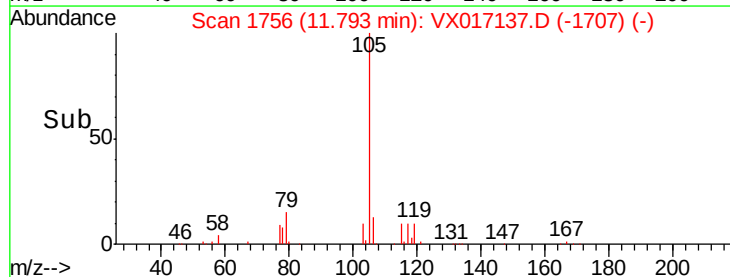
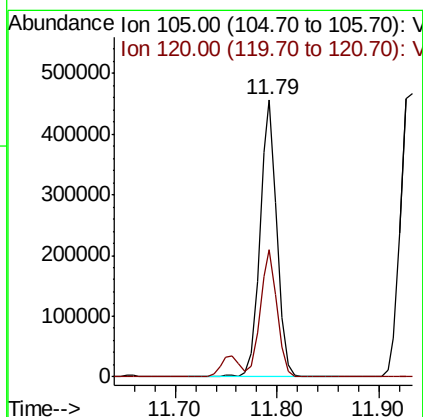
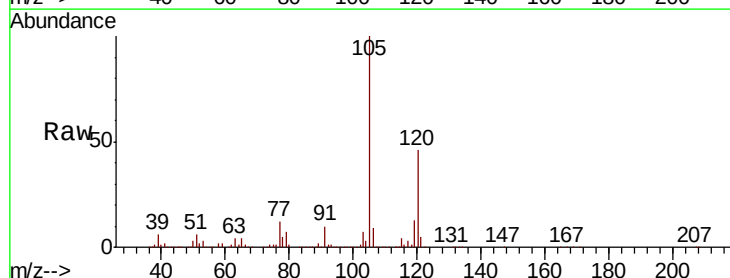
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

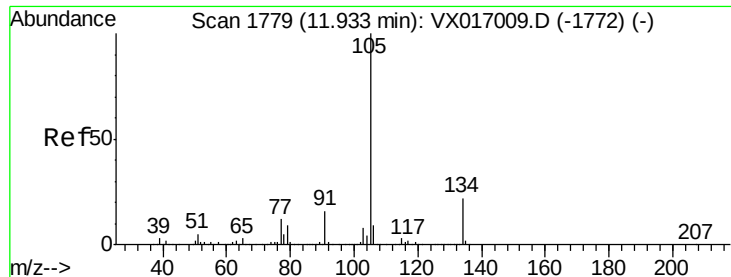
Tot Ion:119 Resp: 503612
 Ion Ratio Lower Upper
 119 100
 91 56.4 28.3 84.9
 134 23.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.722 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

Tgt Ion:105 Resp: 528848
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.5





#85

sec-Butylbenzene

Concen: 49.509 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

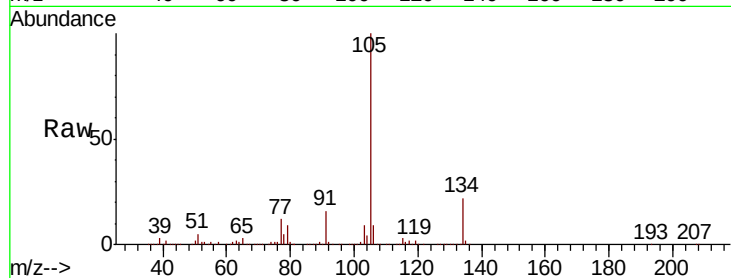
VSTDCCC050EC

Tot Ion:105 Resp: 587138

Ion Ratio Lower Upper

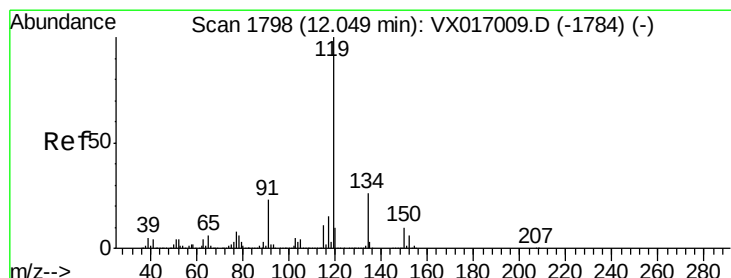
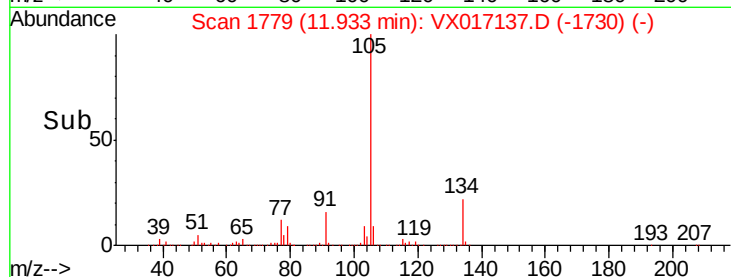
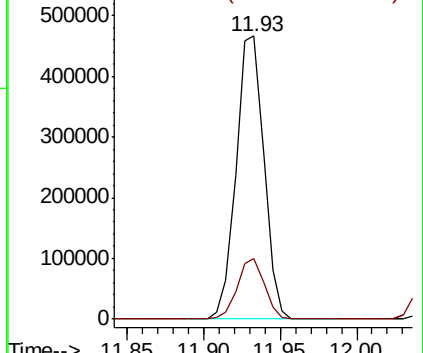
105 100

134 21.0 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.137 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

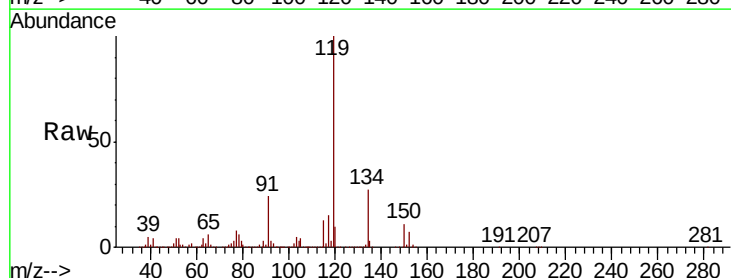
Tgt Ion:119 Resp: 553507

Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

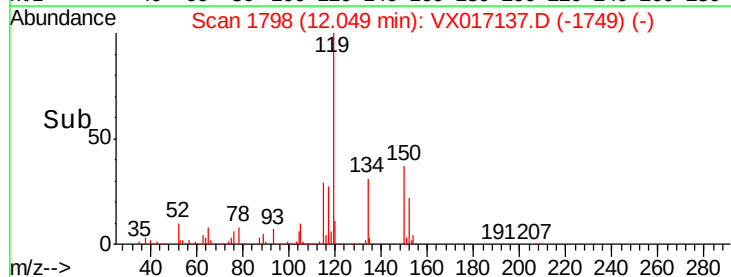
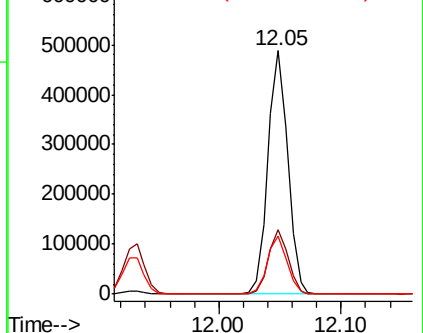
91 23.8 11.8 35.4

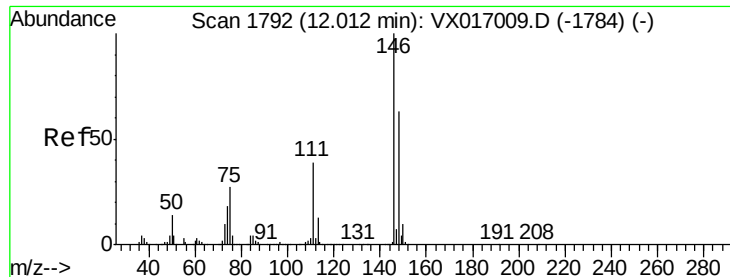


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

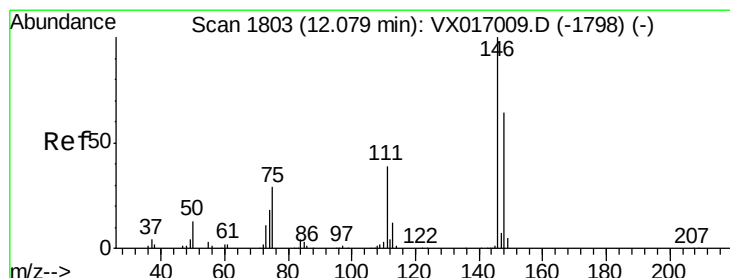
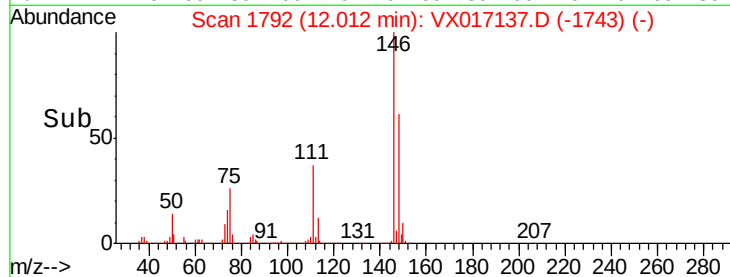
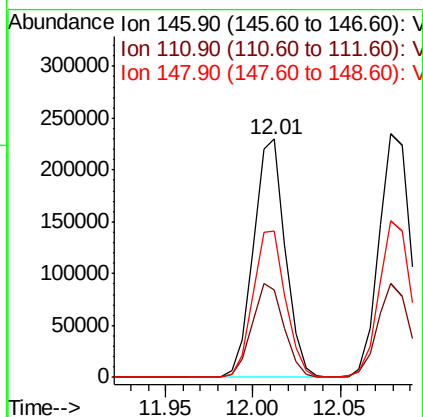
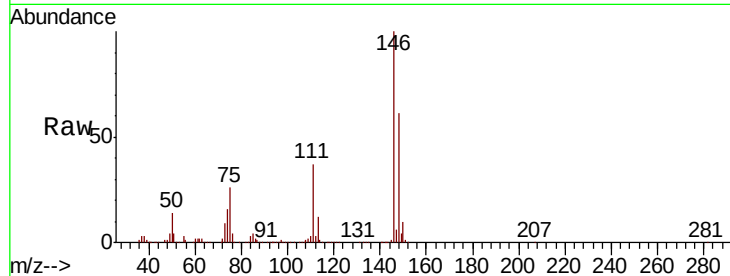




#87
 1,3-Dichlorobenzene
 Concen: 46.867 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

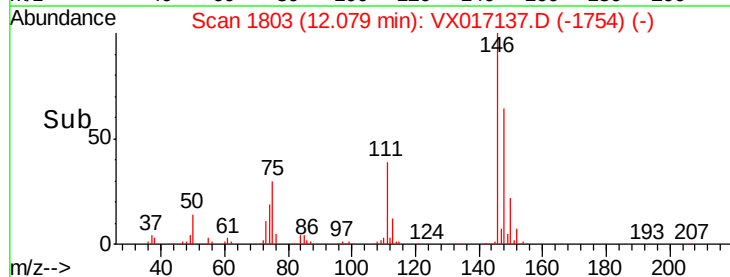
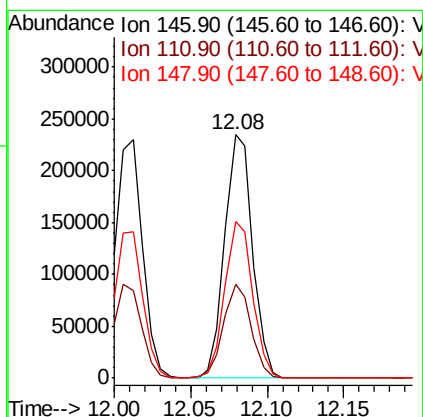
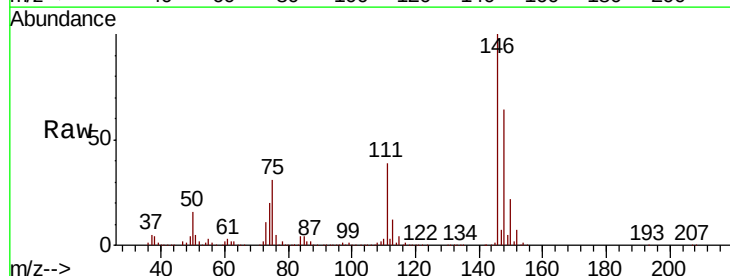
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

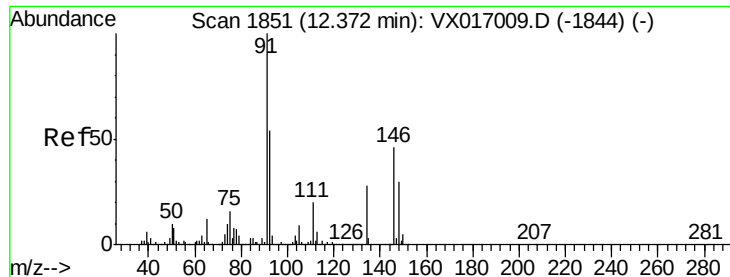
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.4	61.2
148	62.9	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 50.940 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.5	58.5
148	64.4	31.9	95.7

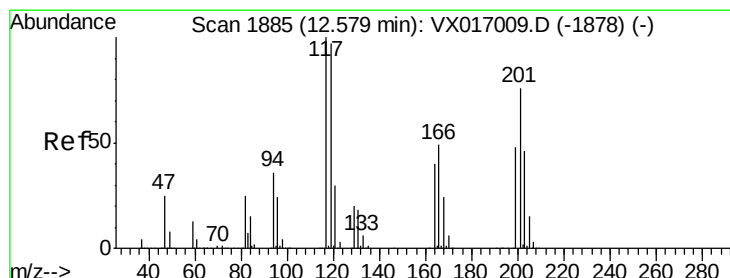
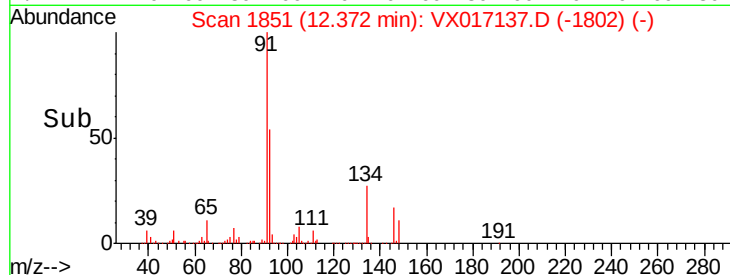
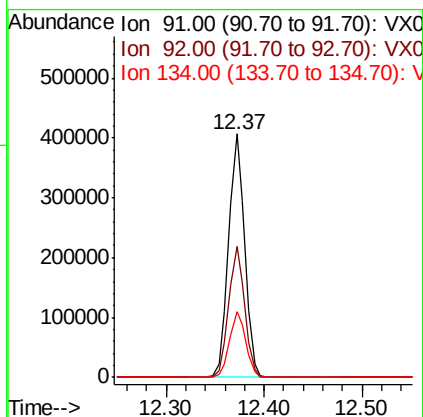
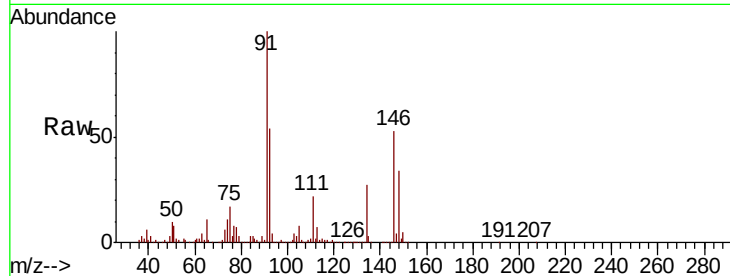




#89
n-Butylbenzene
Concen: 47.120 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

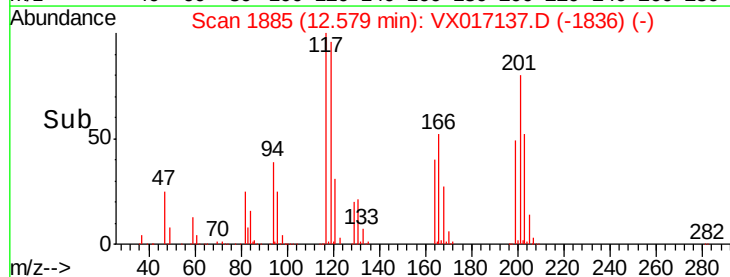
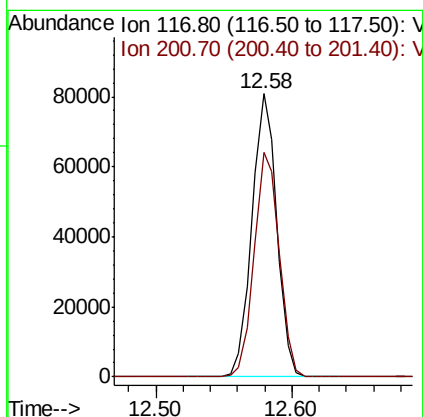
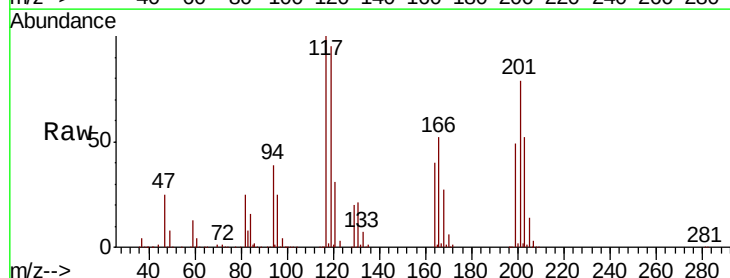
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

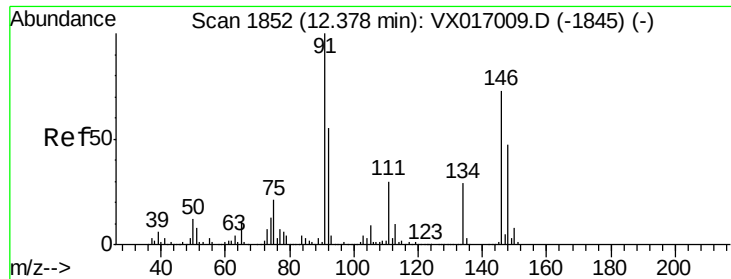
Tot Ion: 91 Resp: 464488
Ion Ratio Lower Upper
91 100
92 53.3 27.2 81.6
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 47.636 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017137.D
Acq: 02 Jul 2020 06:48

Tgt Ion: 117 Resp: 103708
Ion Ratio Lower Upper
117 100
201 80.2 39.4 118.2

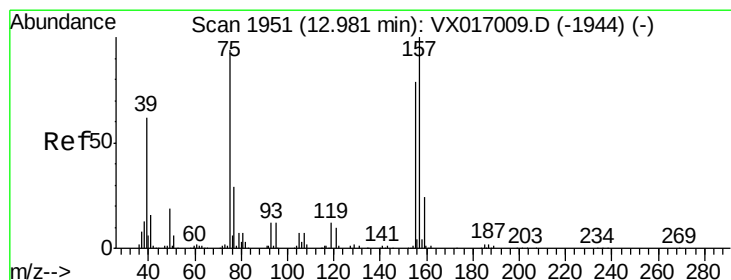
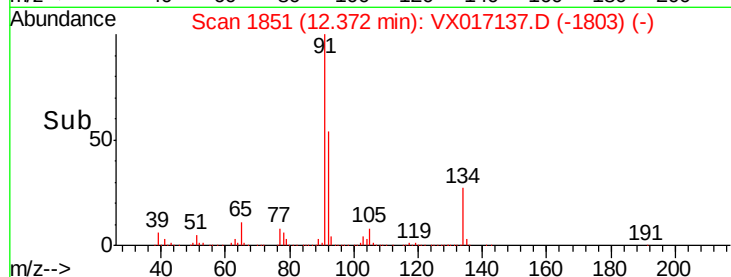
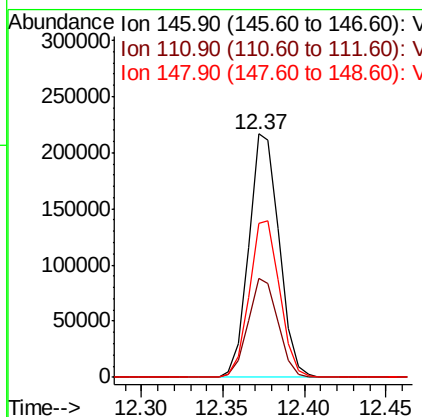
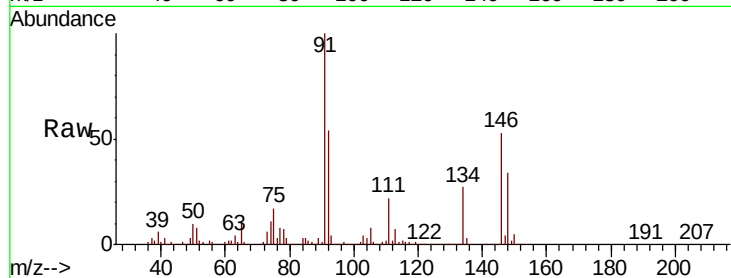




#91
 1,2-Dichlorobenzene
 Concen: 48.607 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

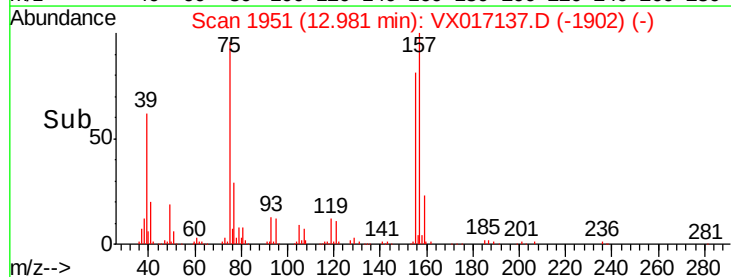
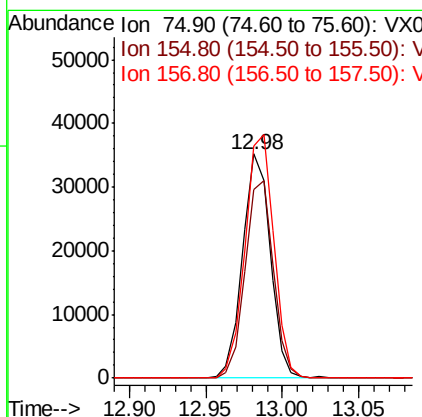
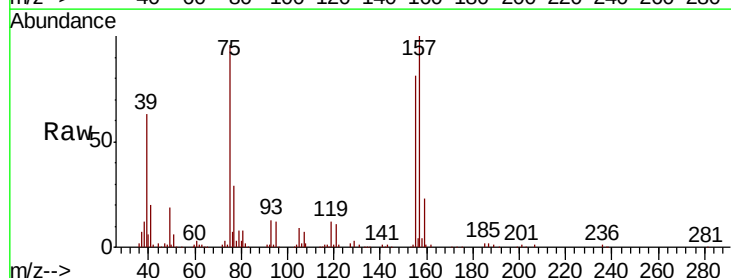
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

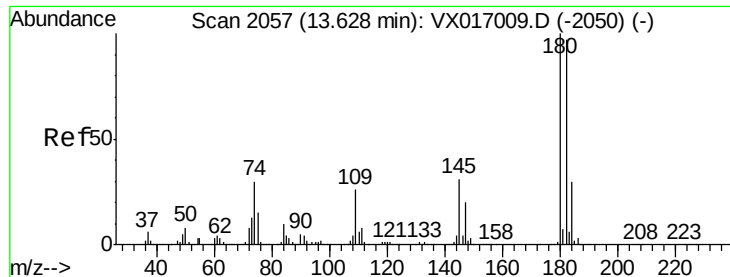
Tot Ion:146 Resp: 281004
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.6 61.9
 148 64.3 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.890 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

Tgt Ion: 75 Resp: 44526
 Ion Ratio Lower Upper
 75 100
 155 89.1 45.1 135.2
 157 112.4 56.5 169.3

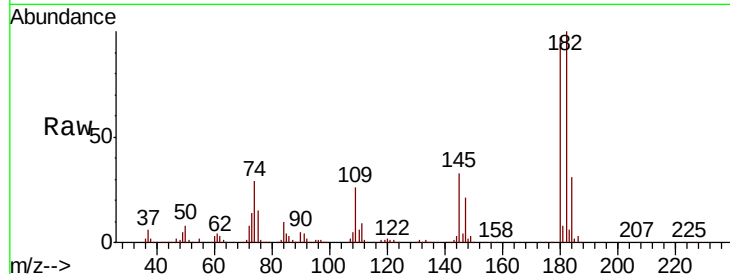




#93
 1,2,4-Trichlorobenzene
 Concen: 46.205 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.3	141.9
145	31.7	15.4	46.2

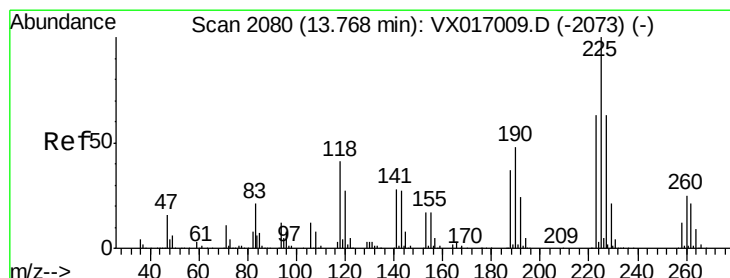
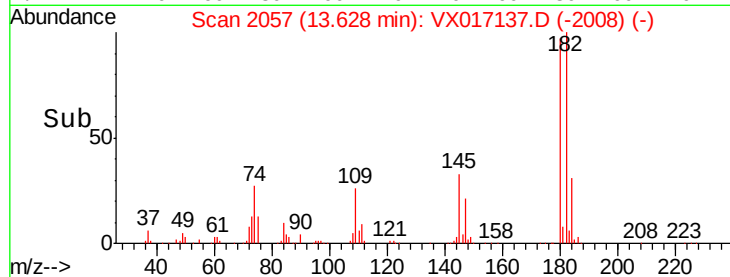
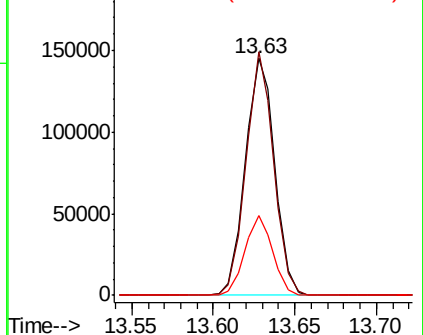


Abundance

Ion 179.80 (179.50 to 180.50): V

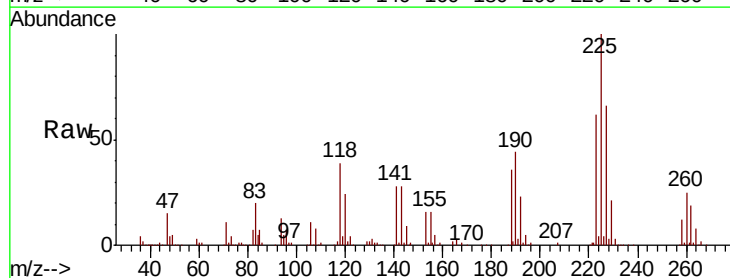
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.352 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017137.D
 Acq: 02 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	32.5	97.5
227	61.5	33.1	99.2

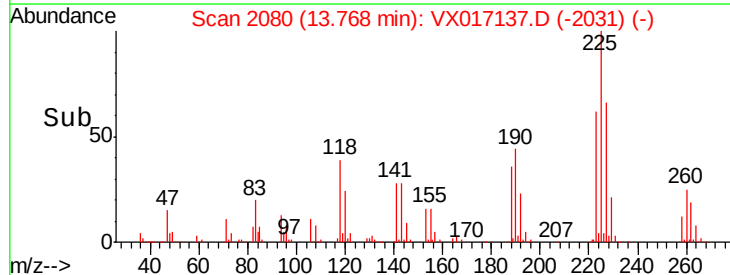
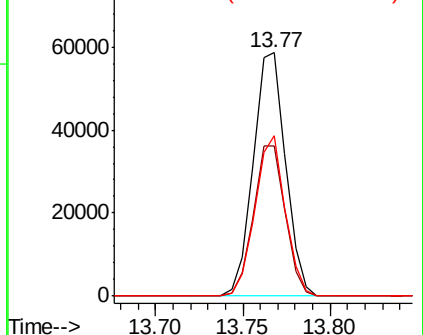


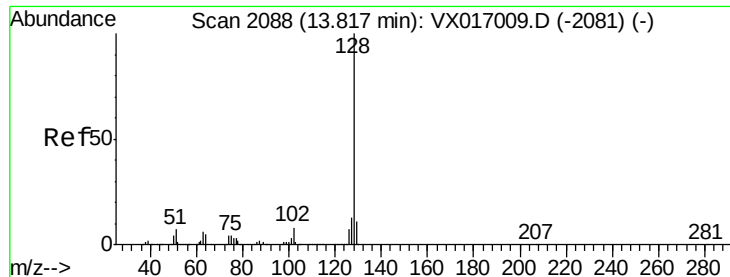
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.962 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

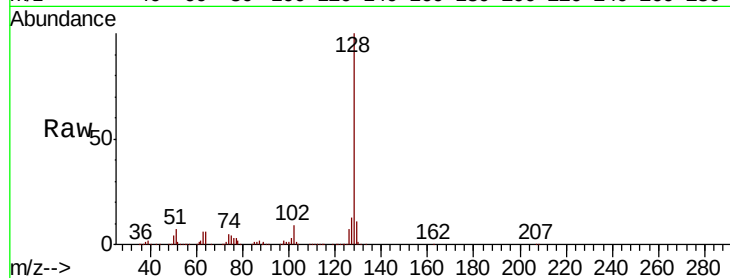
Tot Ion:128 Resp: 611339

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

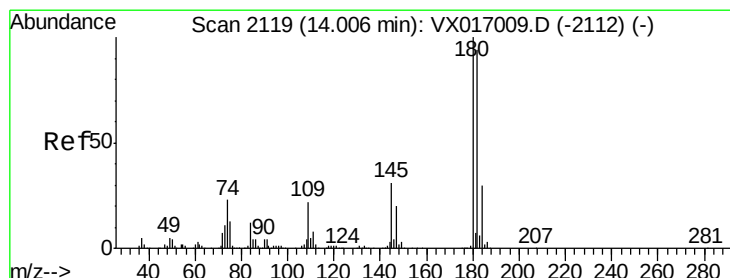
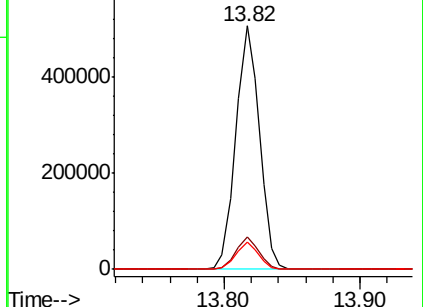
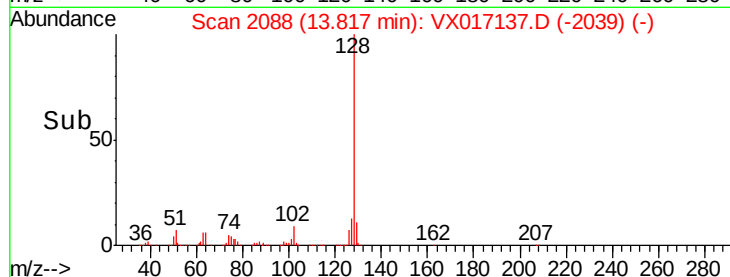
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.779 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017137.D

Acq: 02 Jul 2020 06:48

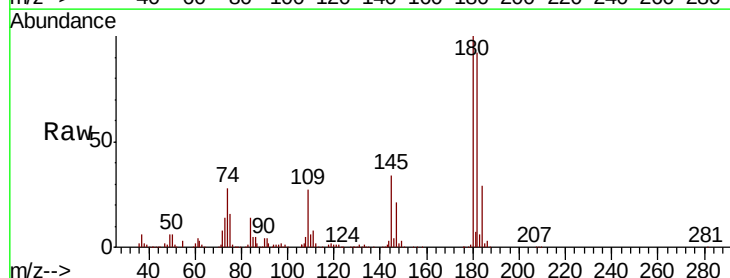
Tgt Ion:180 Resp: 186270

Ion Ratio Lower Upper

180 100

182 95.5 47.1 141.4

145 33.4 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

