

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015373.D
 Acq On : 27 Mar 2020 11:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 30 01:39:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1144234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1747632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1594230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	814803	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	742659	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
35) Dibromofluoromethane	5.46	113	549172	49.16	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	8.70	98	1967188	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.12	95	812037	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	513657	50.953	ug/l	100
3) Chloromethane	1.31	50	604519	47.088	ug/l	97
4) Vinyl Chloride	1.39	62	553504	46.954	ug/l	99
5) Bromomethane	1.62	94	253784	46.068	ug/l	98
6) Chloroethane	1.70	64	338481	46.297	ug/l	99
7) Trichlorofluoromethane	1.91	101	789861	49.963	ug/l	96
8) Diethyl Ether	2.17	74	313046	46.948	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	521792	50.631	ug/l	99
10) Methyl Iodide	2.49	142	728404	52.423	ug/l	99
11) Tert butyl alcohol	3.01	59	871297	225.563	ug/l	98
12) 1,1-Dichloroethene	2.35	96	507457	46.975	ug/l	95
13) Acrolein	2.27	56	508159	230.939	ug/l	99
14) Allyl chloride	2.70	41	1183873	46.902	ug/l	98
15) Acrylonitrile	3.11	53	1744775	236.851	ug/l	100
16) Acetone	2.42	43	1652246	238.305	ug/l	99
17) Carbon Disulfide	2.55	76	1541119	46.765	ug/l	99
18) Methyl Acetate	2.75	43	824436	46.589	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2011503	48.010	ug/l	100
20) Methylene Chloride	2.83	84	591812	45.698	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	556640	46.429	ug/l	94
22) Diisopropyl ether	3.83	45	2153219	48.140	ug/l	89
23) Vinyl Acetate	3.78	43	9909044	244.687	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1092318	46.383	ug/l	99
25) 2-Butanone	4.63	43	2627069	235.606	ug/l	98
26) 2,2-Dichloropropane	4.55	77	981349	50.768	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	652924	47.072	ug/l	98
28) Bromochloromethane	4.98	49	530177	47.153	ug/l	100
29) Tetrahydrofuran	5.09	42	1685180	235.091	ug/l	100
30) Chloroform	5.17	83	1066232	47.059	ug/l	96
31) Cyclohexane	5.54	56	1008888	49.384	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	963484	46.989	ug/l	99
36) 1,1-Dichloropropene	5.77	75	803027	49.870	ug/l	100
37) Ethyl Acetate	4.79	43	1036270	49.425	ug/l	100
38) Carbon Tetrachloride	5.75	117	863588	49.516	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	993416	53.507	ug/l	97
40) Benzene	6.11	78	2341845	49.648	ug/l	99
41) Methacrylonitrile	5.00	41	593515	50.994	ug/l	99
42) 1,2-Dichloroethane	6.16	62	945597	49.908	ug/l	99
43) Isopropyl Acetate	6.41	43	1779959	50.290	ug/l	99
44) Trichloroethene	7.19	130	641283	49.851	ug/l	99
45) 1,2-Dichloropropane	7.49	63	634551	49.177	ug/l	100
46) Dibromomethane	7.64	93	425619	50.284	ug/l	99
47) Bromodichloromethane	7.87	83	909846	50.446	ug/l	98
48) Methyl methacrylate	7.75	41	893388	50.534	ug/l	99
49) 1,4-Dioxane	7.72	88	340289	1031.812	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	5046019	251.567	ug/l	100
52) Toluene	8.76	92	1459749	50.197	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1066850	50.435	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	1107843	51.414	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	604056	50.699	ug/l	98
56) Ethyl methacrylate	9.16	69	1064815	50.711	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1050665	48.945	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2648183	259.285	ug/l	100
59) 2-Hexanone	9.47	43	3845816	253.956	ug/l	100
60) Dibromochloromethane	9.56	129	732501	51.164	ug/l	99
61) 1,2-Dibromoethane	9.65	107	653159	50.417	ug/l	100
64) Tetrachloroethene	9.32	164	591634	49.175	ug/l	93
65) Chlorobenzene	10.12	112	1574385	49.519	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	640384	50.417	ug/l	98
67) Ethyl Benzene	10.24	91	2872827	50.947	ug/l	99
68) m/p-Xylenes	10.34	106	2148627	102.328	ug/l	99
69) o-Xylene	10.68	106	1045072	50.367	ug/l	98
70) Styrene	10.70	104	1824610	49.974	ug/l	99
71) Bromoform	10.84	173	572719	49.531	ug/l #	99
73) Isopropylbenzene	11.00	105	2794582	52.345	ug/l	100
74) N-amyl acetate	10.88	43	1516549	51.074	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	927560	50.633	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1164852	69.519	ug/l	83
77) Bromobenzene	11.24	156	717140	50.359	ug/l	97
78) n-propylbenzene	11.34	91	3232649	52.953	ug/l	100
79) 2-Chlorotoluene	11.40	91	1929960	51.579	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2395746	52.544	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	371049	53.135	ug/l	99
82) 4-Chlorotoluene	11.49	91	2291102	52.231	ug/l	100
83) tert-Butylbenzene	11.76	119	2340512	52.553	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2437300	52.457	ug/l	99
85) sec-Butylbenzene	11.93	105	2741331	53.222	ug/l	100
86) p-Isopropyltoluene	12.05	119	2604501	54.468	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1329883	52.166	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1357868	52.291	ug/l	98
89) n-Butylbenzene	12.37	91	2341392	54.185	ug/l	98
90) Hexachloroethane	12.58	117	493069	52.978	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	1283473	51.445	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	248184	48.000	ug/l	100

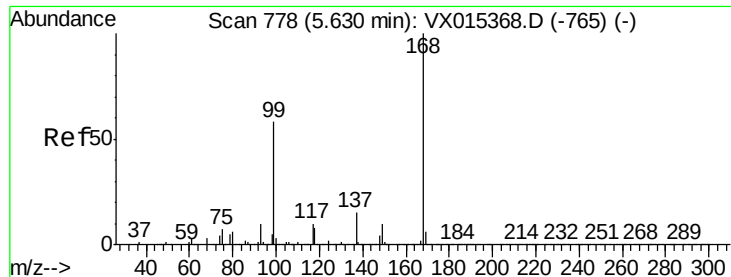
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	984187	49.872	ug/l	98
94) Hexachlorobutadiene	13.77	225	484678	51.585	ug/l	95
95) Naphthalene	13.82	128	3153710	52.391	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1015424	53.443	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

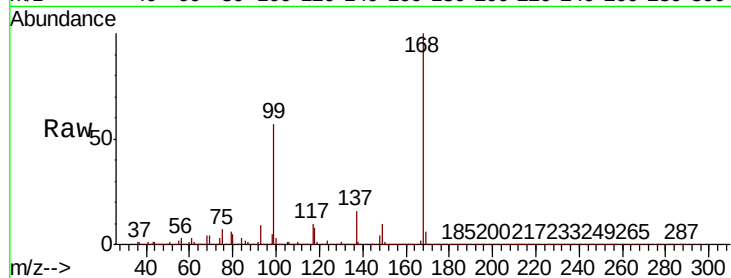
VSTDCCC050

Tot Ion:168 Resp: 1144234

Ion Ratio Lower Upper

168 100

99 56.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

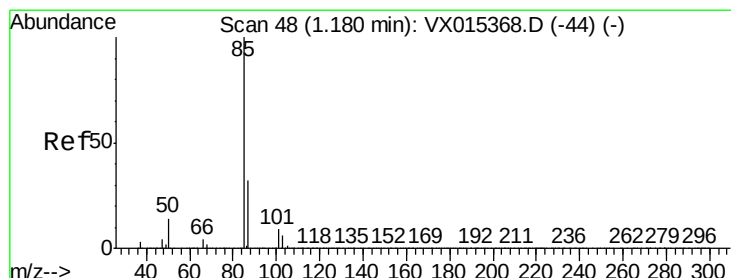
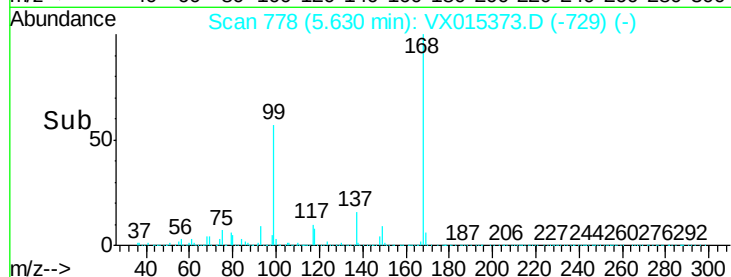
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.953 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015373.D

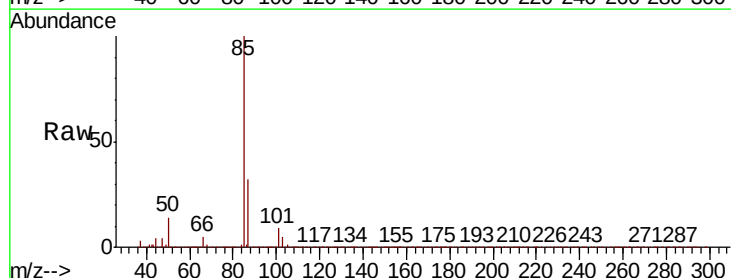
Acq: 27 Mar 2020 11:16

Tgt Ion: 85 Resp: 513657

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

600000

500000

400000

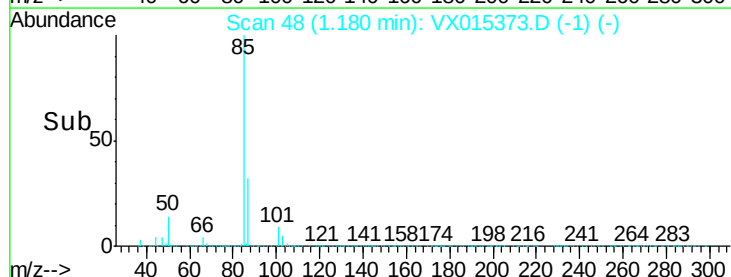
300000

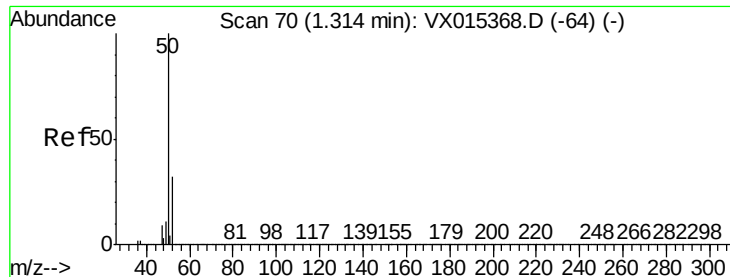
200000

100000

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Time-->

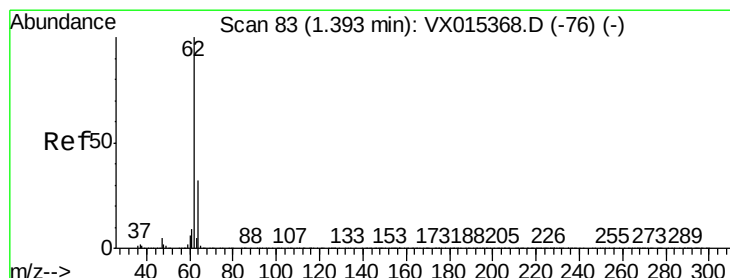
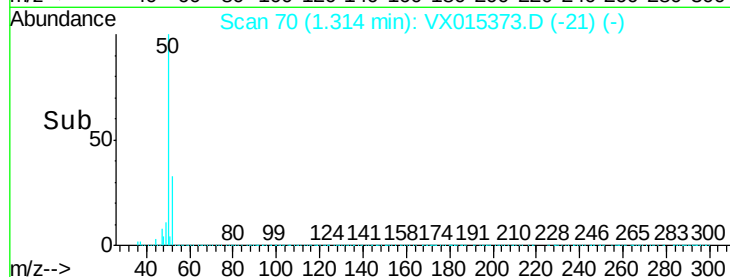
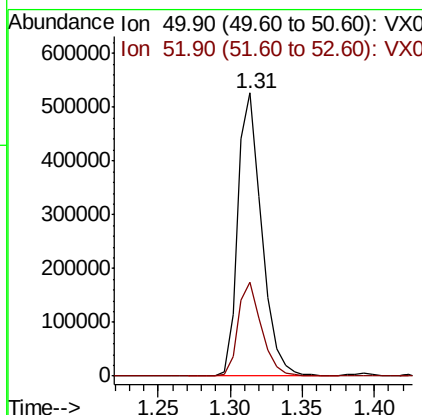
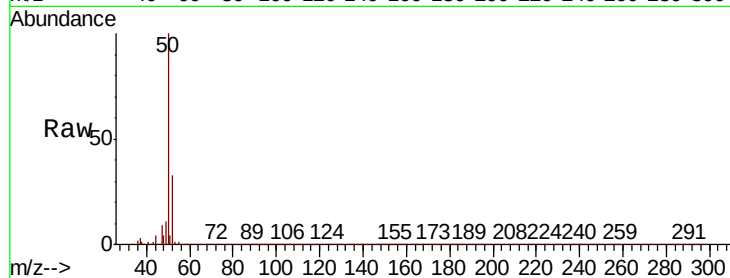




#3
Chloromethane
Concen: 47.088 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

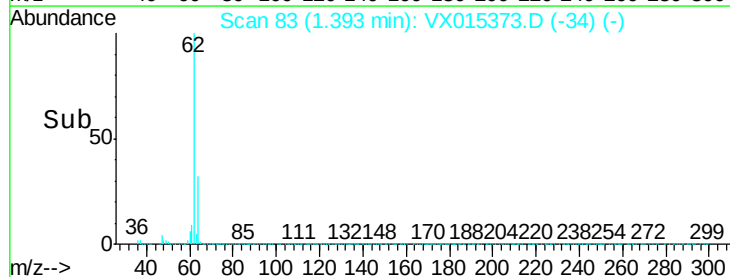
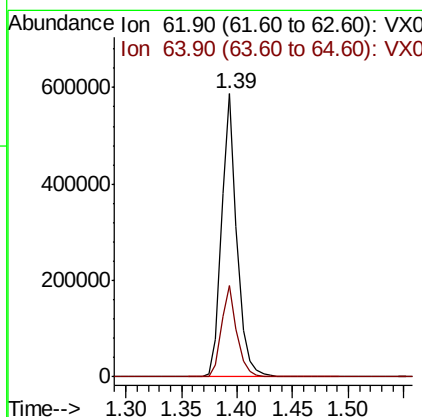
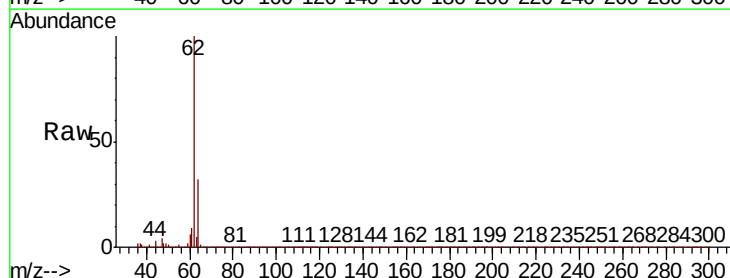
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

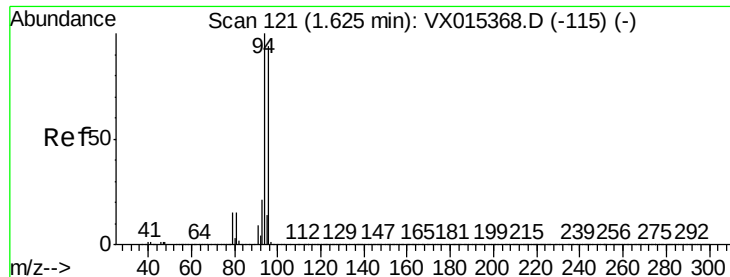
Tot Ion: 50 Resp: 604519
Ion Ratio Lower Upper
50 100
52 33.1 25.3 37.9



#4
Vinyl Chloride
Concen: 46.954 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion: 62 Resp: 553504
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0





#5

Bromomethane

Concen: 46.068 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampled :

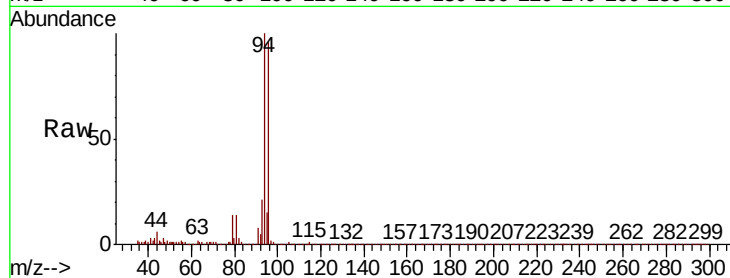
VSTDCCC050

Tot Ion: 94 Resp: 253784

Ion Ratio Lower Upper

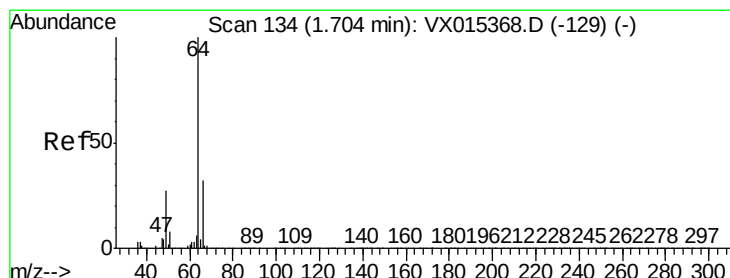
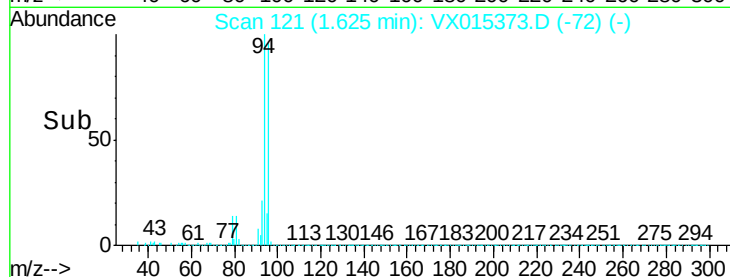
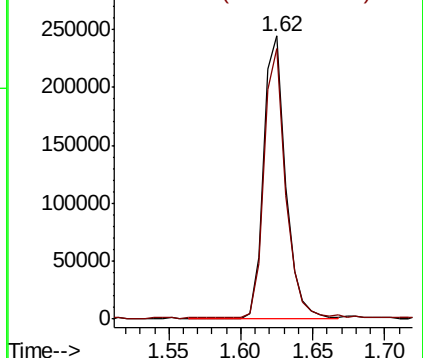
94 100

96 95.6 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.297 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015373.D

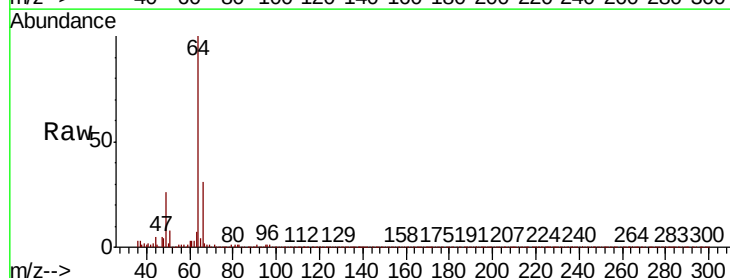
Acq: 27 Mar 2020 11:16

Tgt Ion: 64 Resp: 338481

Ion Ratio Lower Upper

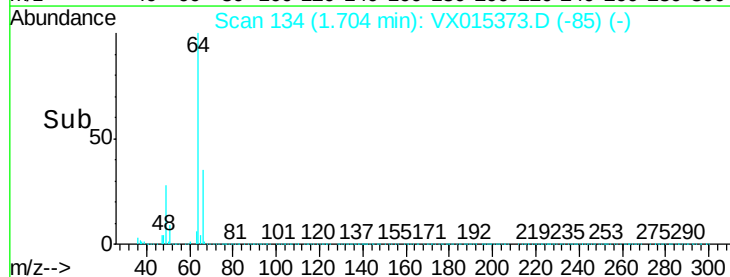
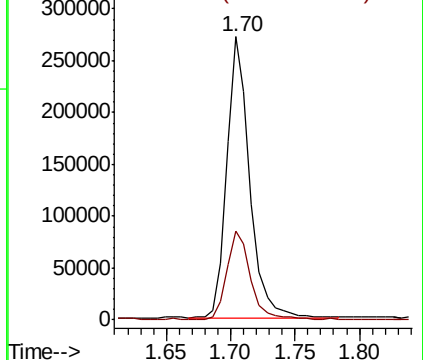
64 100

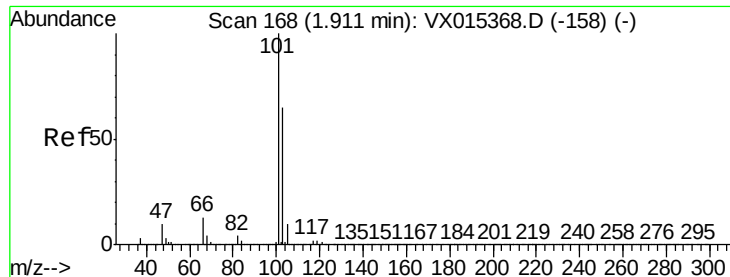
66 31.3 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



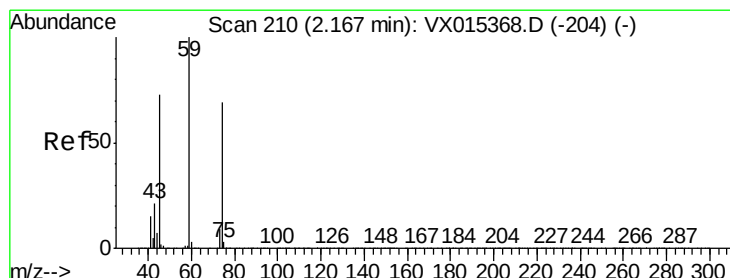
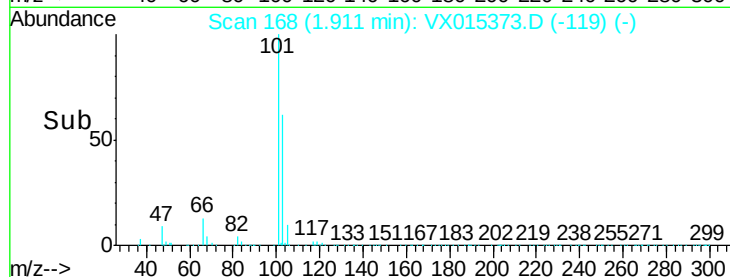
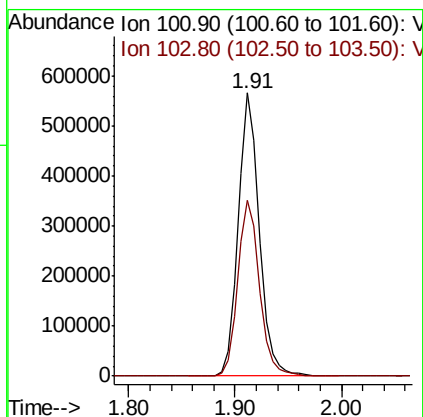
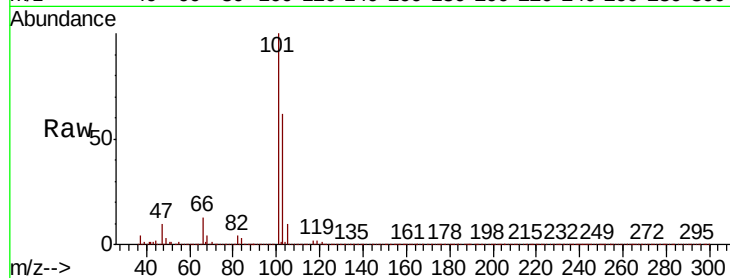


#7

Trichlorofluoromethane
Concen: 49.963 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

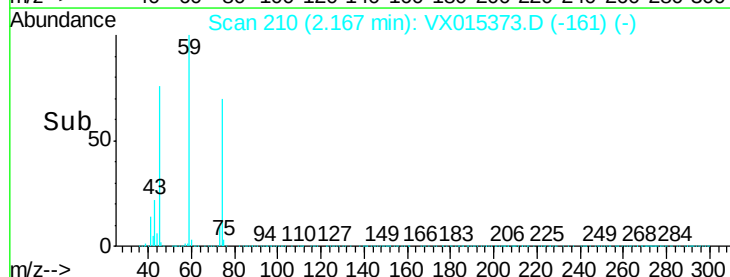
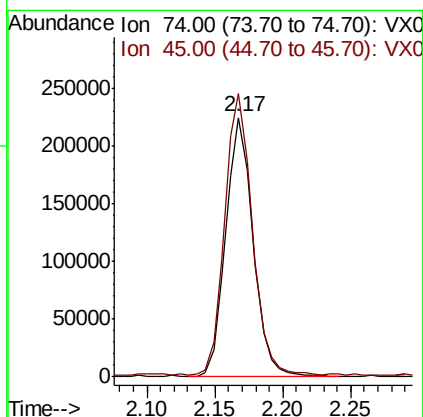
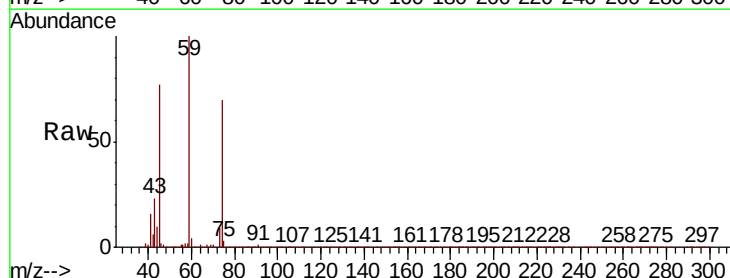
Tot Ion:101 Resp: 789861
Ion Ratio Lower Upper
101 100
103 62.1 52.3 78.5

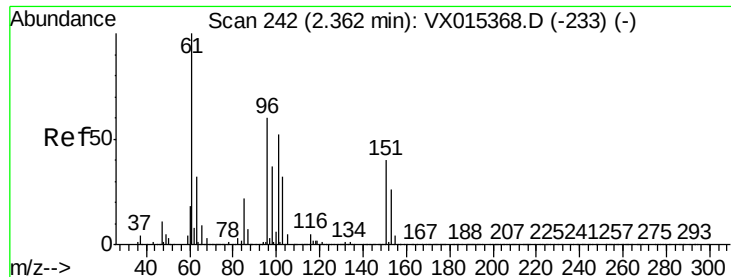


#8

Diethyl Ether
Concen: 46.948 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion: 74 Resp: 313046
Ion Ratio Lower Upper
74 100
45 108.8 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.631 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

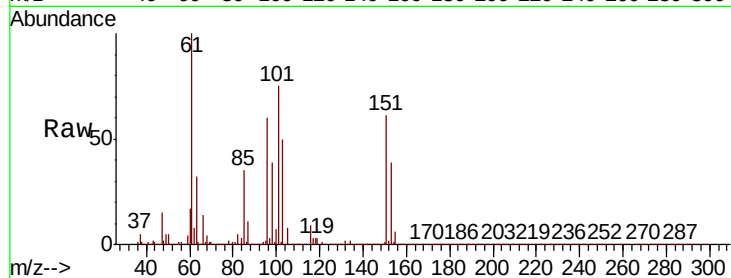
Tot Ion:101 Resp: 521792

Ion Ratio Lower Upper

101 100

85 43.9 35.0 52.4

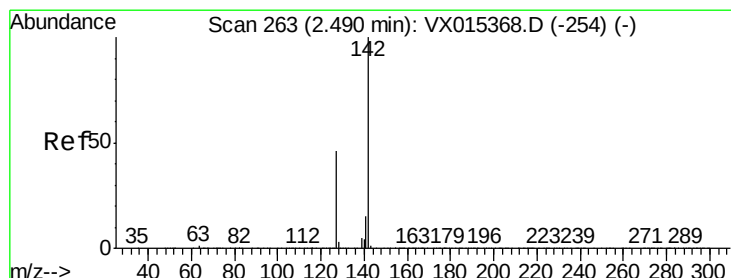
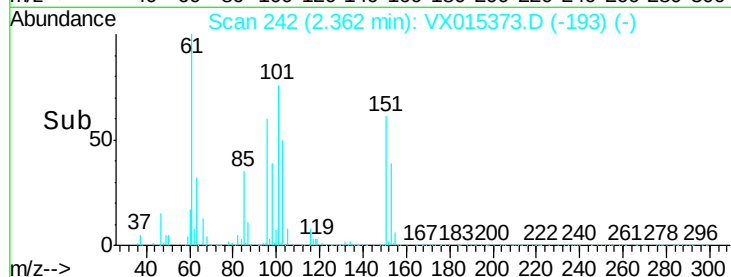
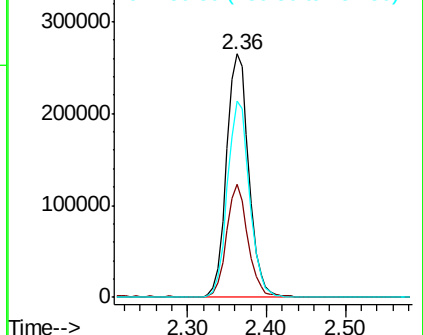
151 79.5 64.1 96.1



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: 52.423 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

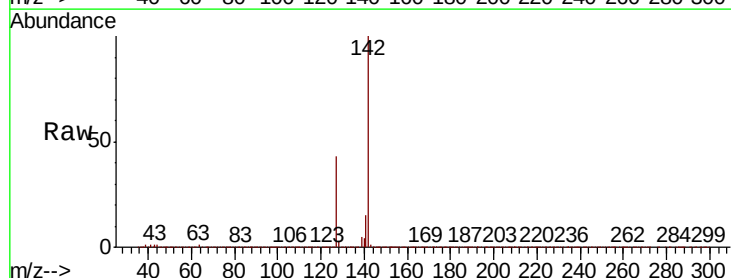
Tgt Ion:142 Resp: 728404

Ion Ratio Lower Upper

142 100

127 44.0 35.9 53.9

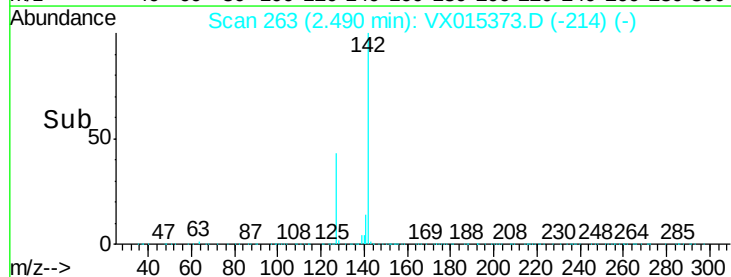
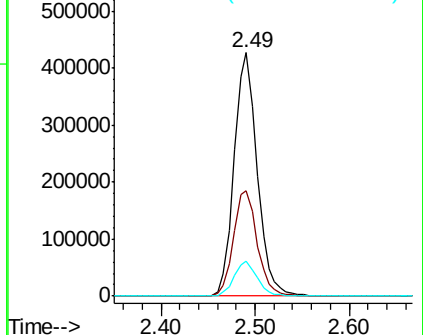
141 14.2 11.6 17.4

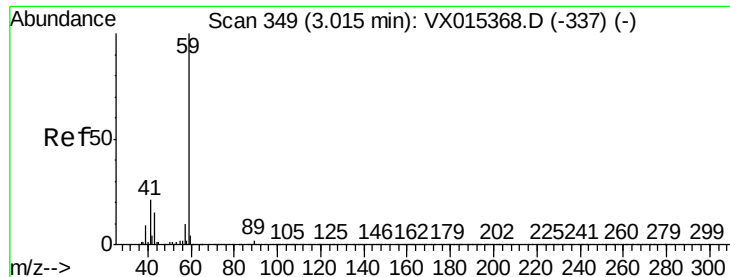


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

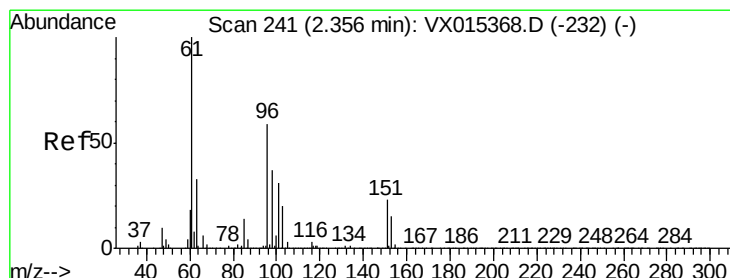
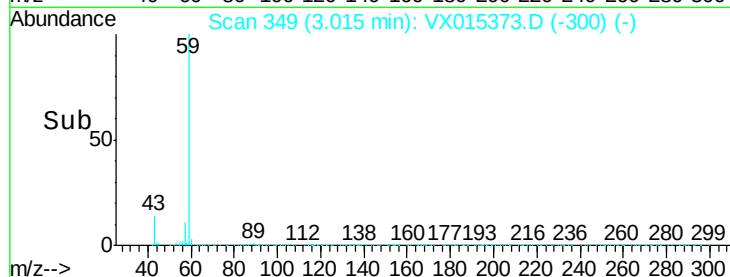
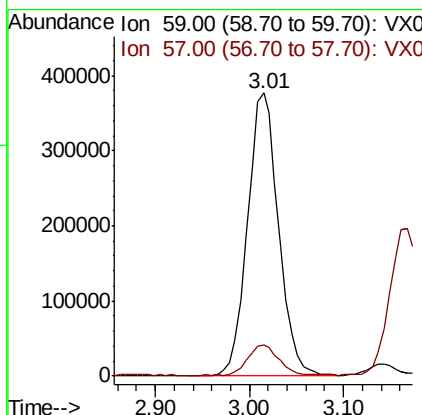
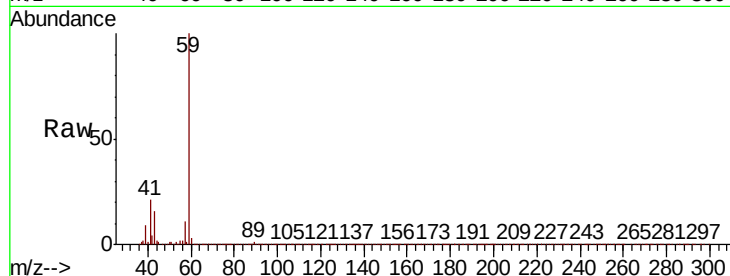




#11
Tert butyl alcohol
Concen: 225.563 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

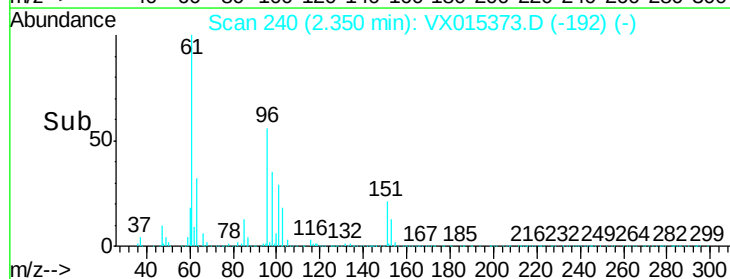
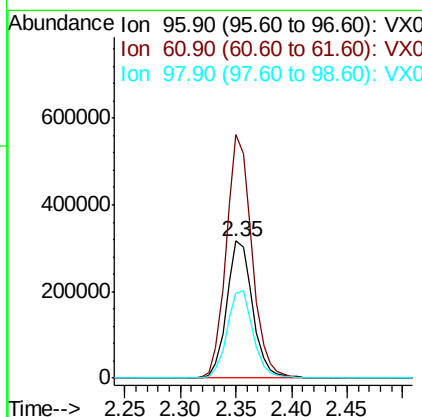
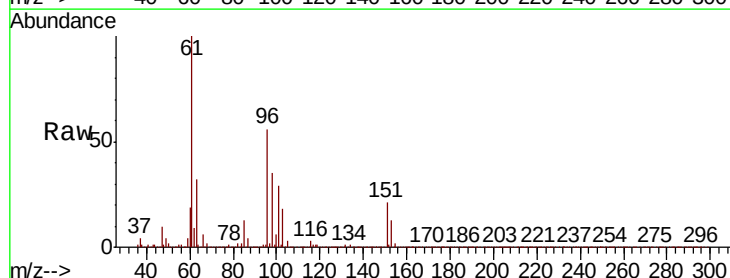
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

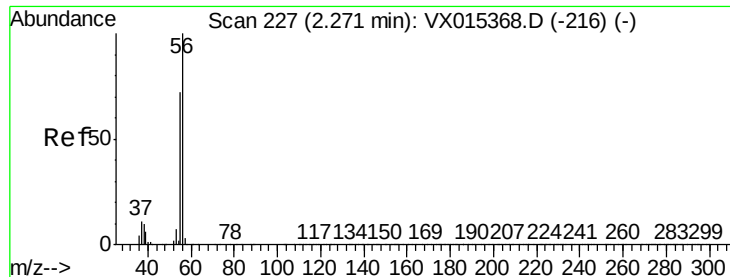
Tot Ion: 59 Resp: 871297
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: 46.975 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion: 96 Resp: 507457
Ion Ratio Lower Upper
96 100
61 177.4 135.7 203.5
98 61.5 50.6 75.8

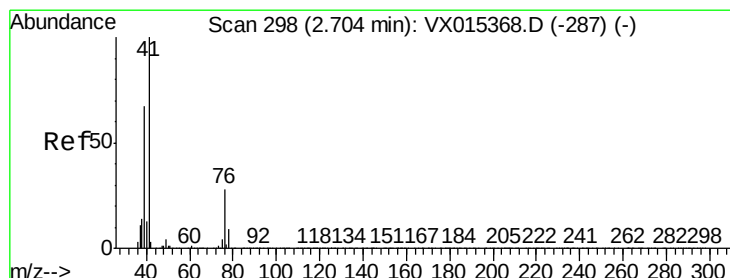
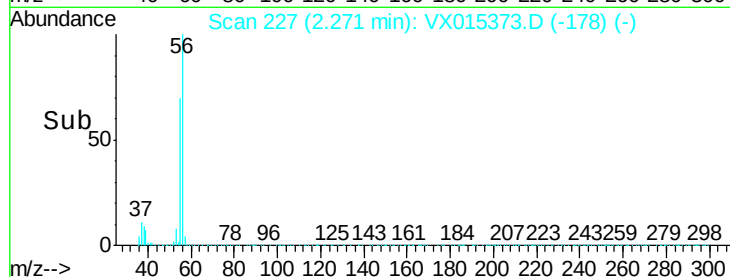
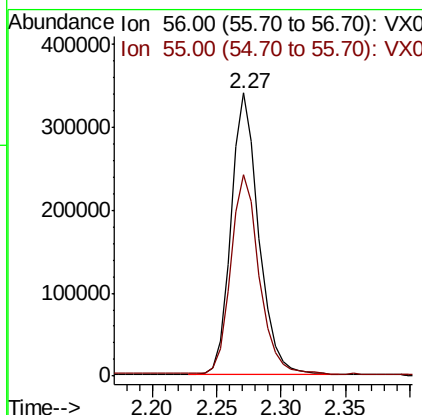
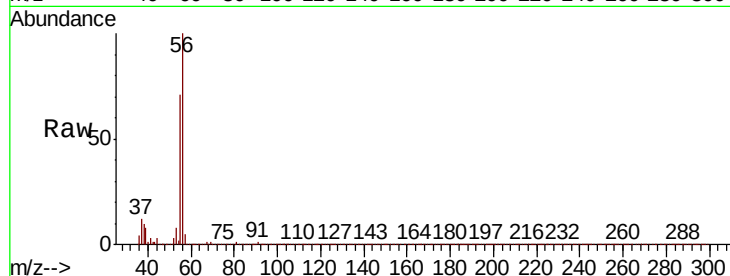




#13
Acrolein
Concen: 230.939 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

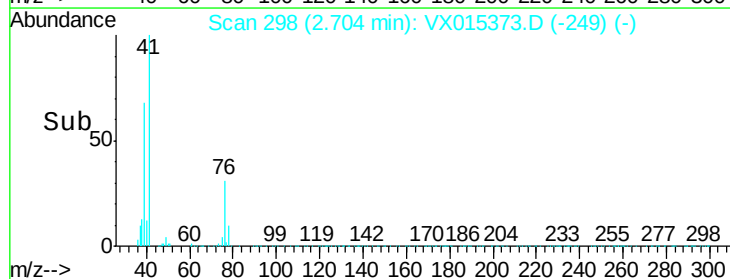
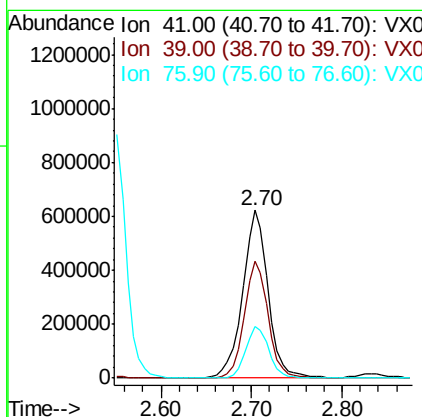
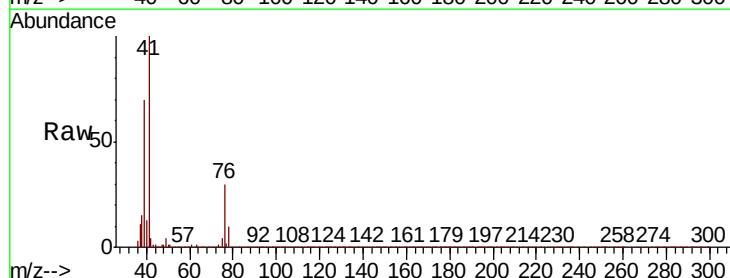
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

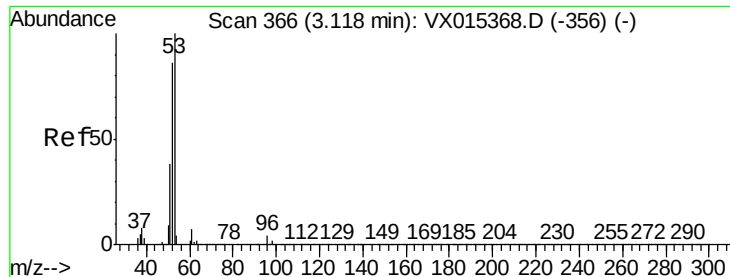
Tot Ion: 56 Resp: 508159
Ion Ratio Lower Upper
56 100
55 72.4 57.0 85.4



#14
Allyl chloride
Concen: 46.902 ug/l
RT: 2.70 min Scan# 298
Delta R.T. 0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion: 41 Resp: 1183873
Ion Ratio Lower Upper
41 100
39 65.7 51.4 77.0
76 28.3 21.8 32.8





#15

Acrylonitrile

Concen: 236.851 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

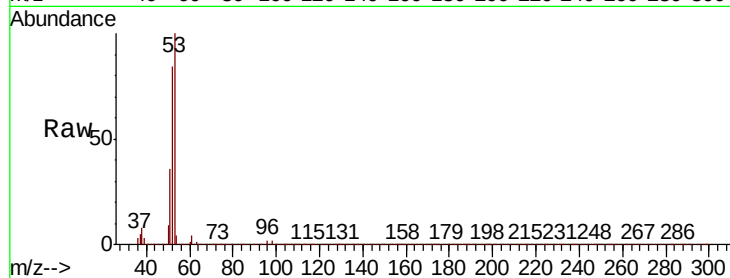
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1744775

Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.8	100.2
51	36.9	29.5	44.3

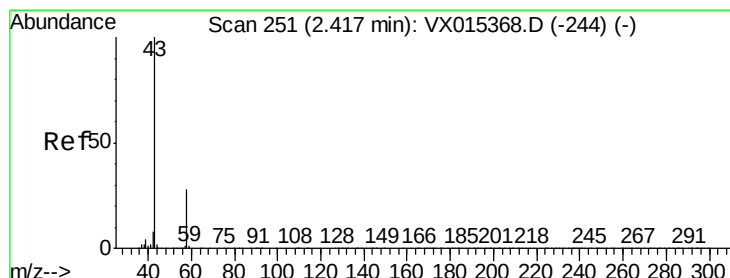
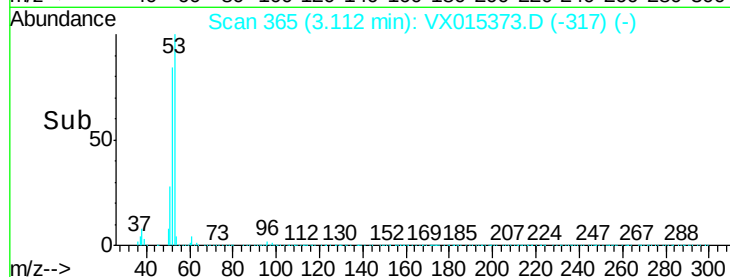
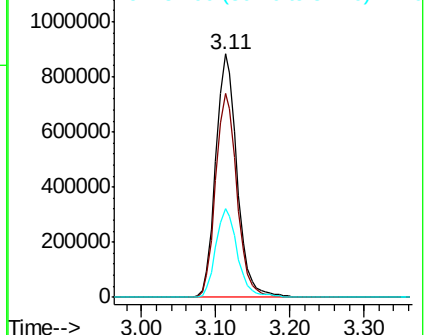


Abundance

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: 238.305 ug/l

RT: 2.42 min Scan# 251

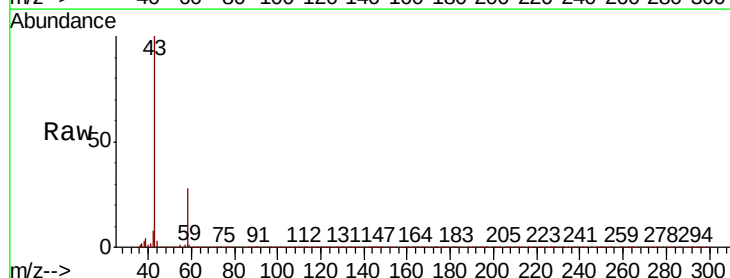
Delta R.T. 0.00 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Tgt Ion: 43 Resp: 1652246

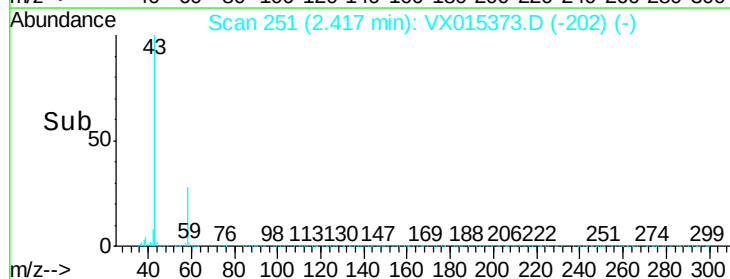
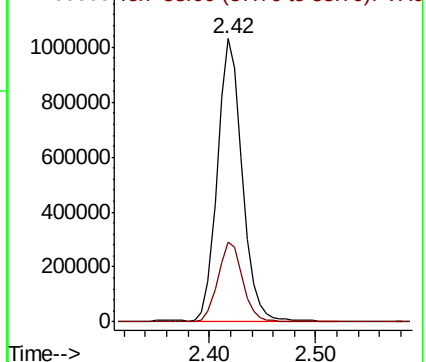
Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.1	33.1

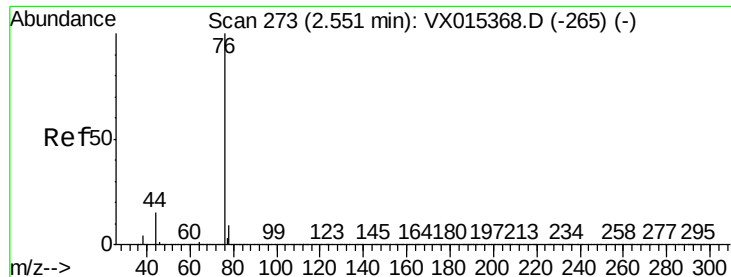


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.765 ug/l

RT: 2.55 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

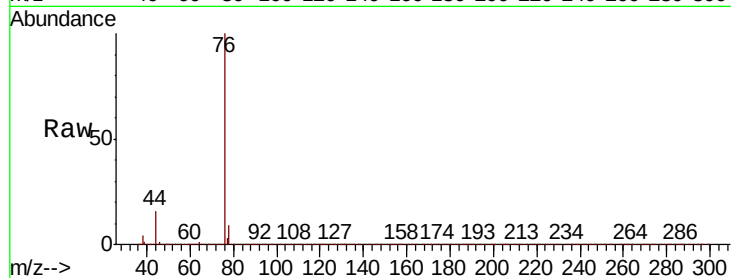
VSTDCCC050

Tot Ion: 76 Resp: 1541119

Ion Ratio Lower Upper

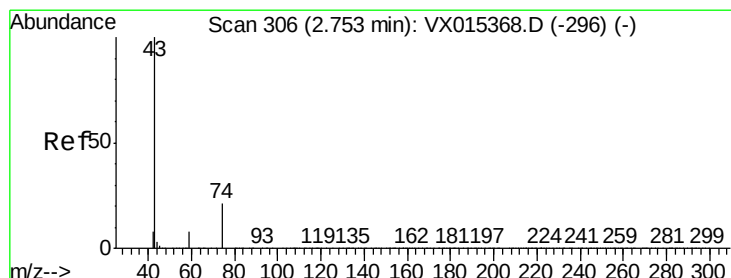
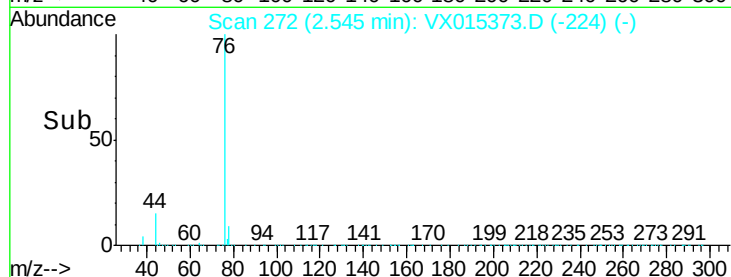
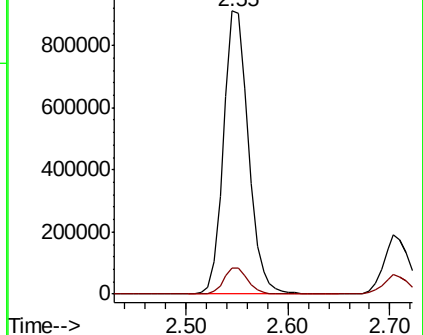
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.589 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015373.D

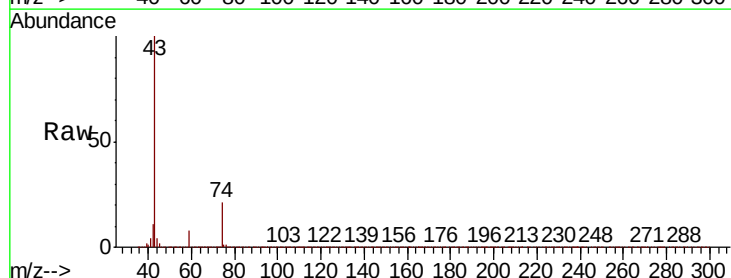
Acq: 27 Mar 2020 11:16

Tgt Ion: 43 Resp: 824436

Ion Ratio Lower Upper

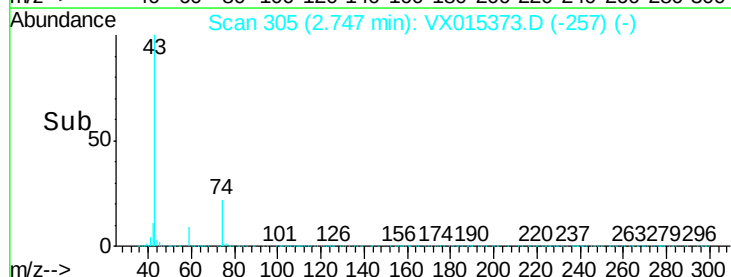
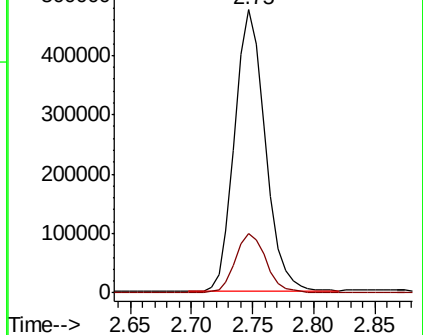
43 100

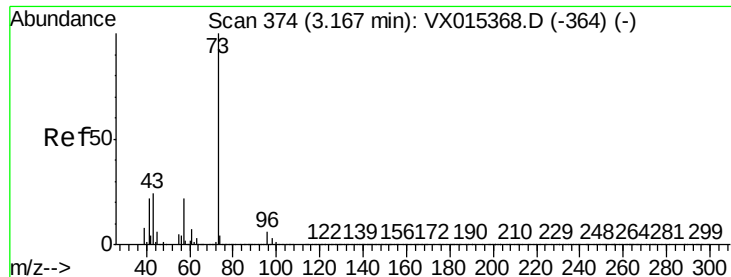
74 21.0 16.5 24.7



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: 48.010 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

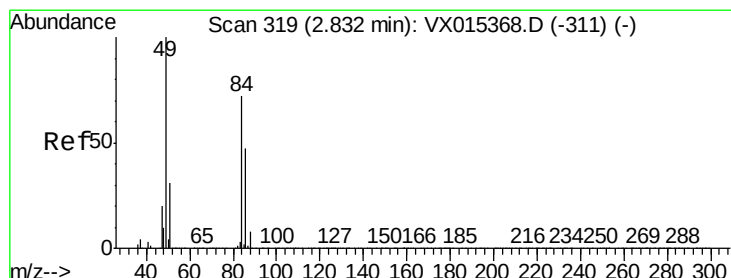
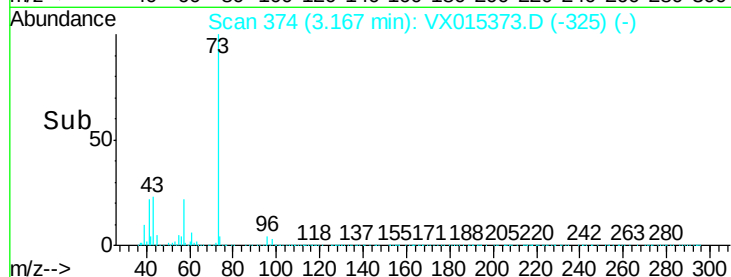
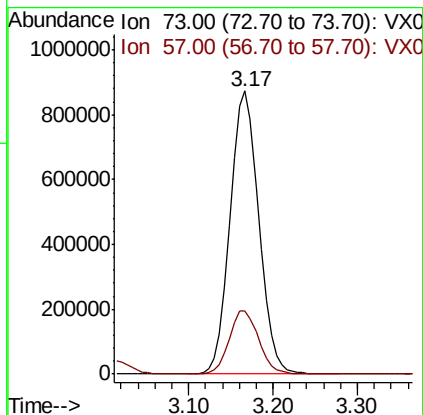
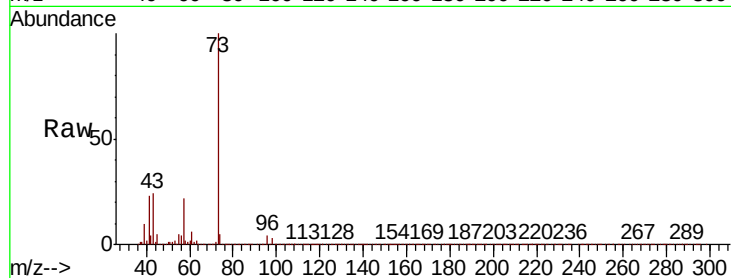
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 73 Resp: 2011503

Ion Ratio Lower Upper

73 100

57 22.3 17.9 26.9



#20

Methylene Chloride
 Concen: 45.698 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

Tgt Ion: 84 Resp: 591812

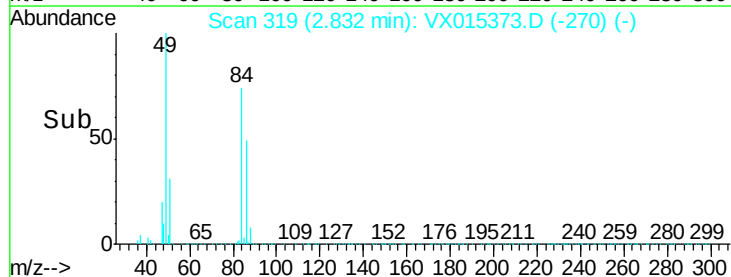
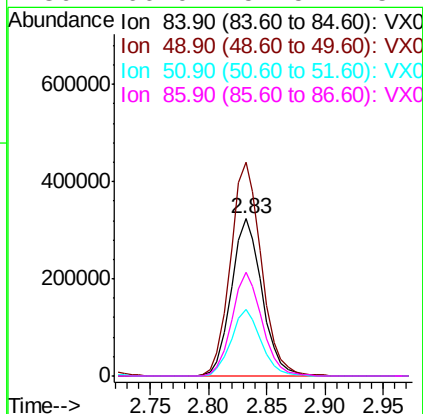
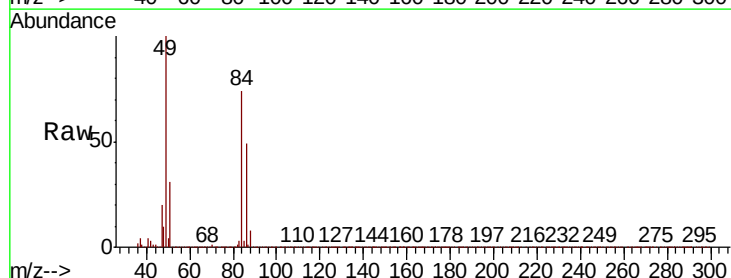
Ion Ratio Lower Upper

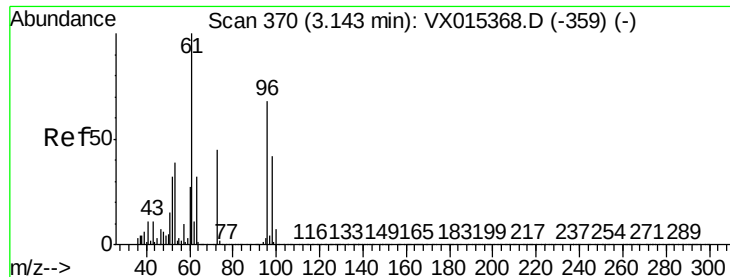
84 100

49 135.9 111.3 166.9

51 41.8 34.0 51.0

86 66.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.429 ug/l

RT: 3.14 min Scan# 369

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

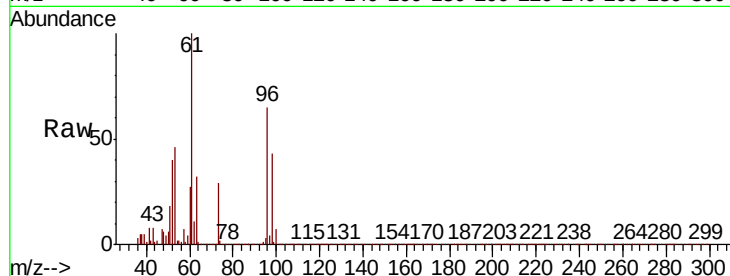
Tot Ion: 96 Resp: 556640

Ion Ratio Lower Upper

96 100

61 153.2 116.9 175.3

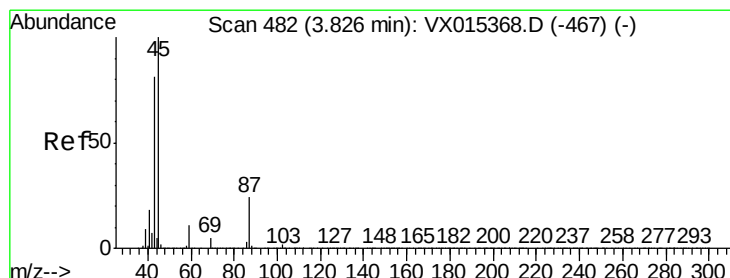
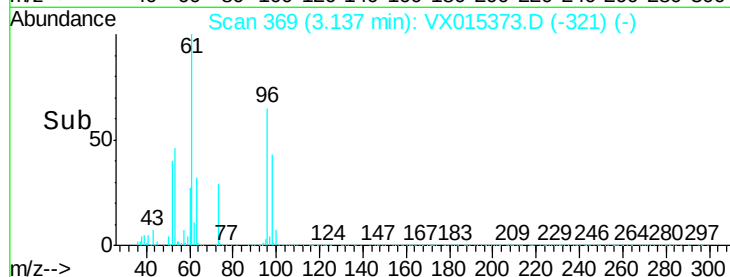
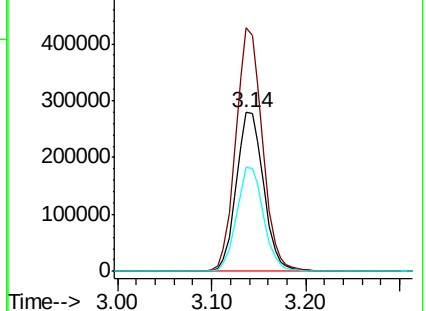
98 65.6 48.6 73.0



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: 48.140 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Tgt Ion: 45 Resp: 2153219

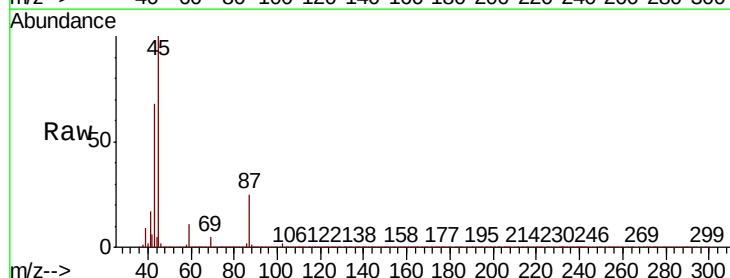
Ion Ratio Lower Upper

45 100

43 68.0 64.7 97.1

87 25.3 19.4 29.0

59 10.9 8.7 13.1

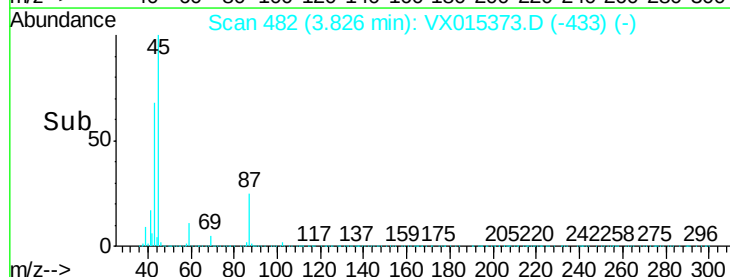
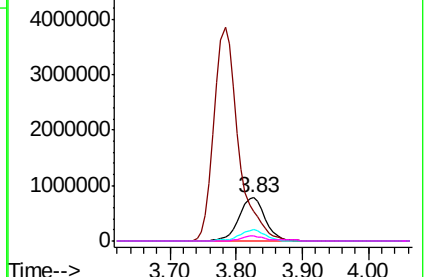


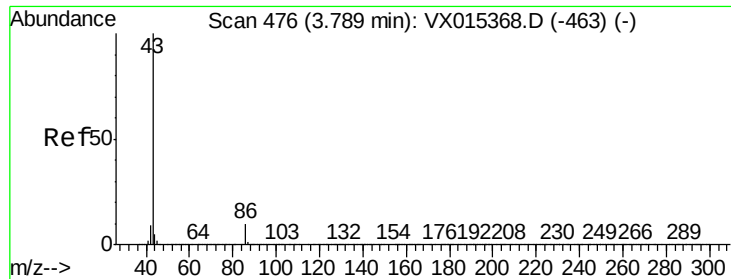
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 244.687 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

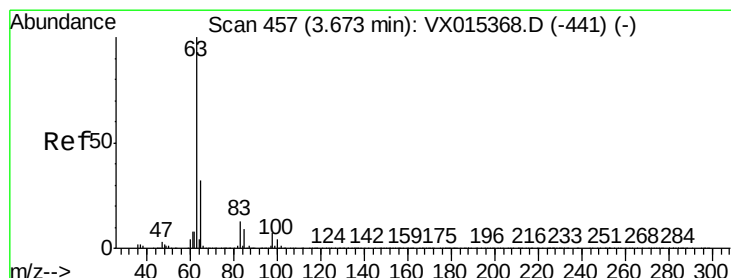
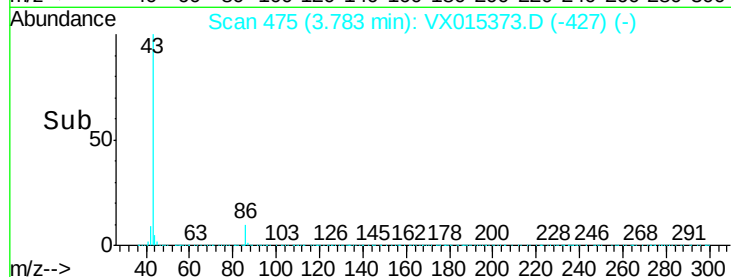
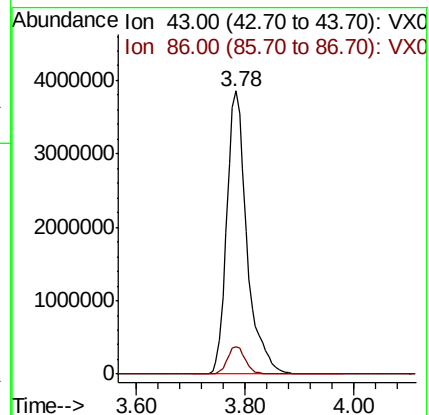
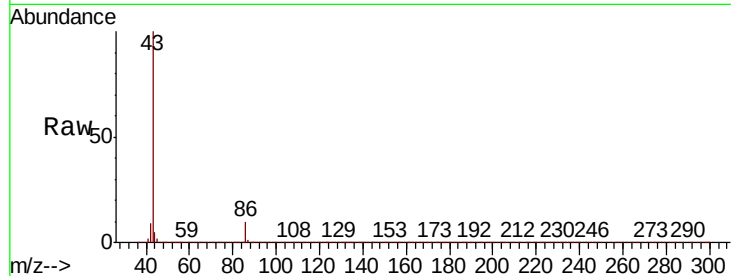
VSTDCCC050

Tot Ion: 43 Resp: 9909044

Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.6



#24

1,1-Dichloroethane

Concen: 46.383 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

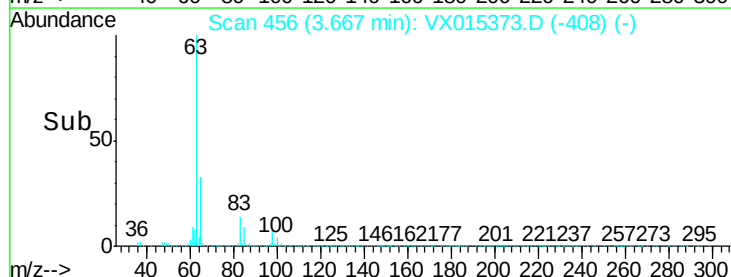
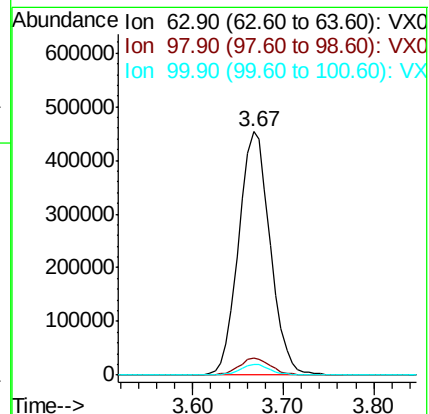
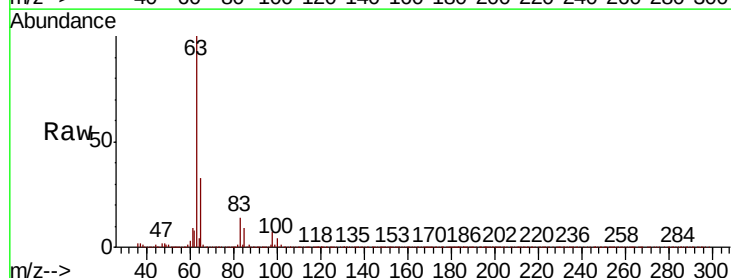
Tgt Ion: 63 Resp: 1092318

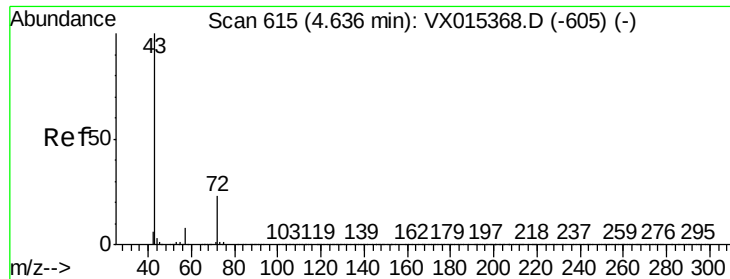
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.8

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 235.606 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

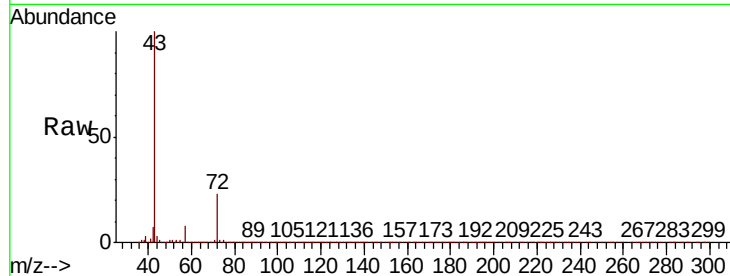
VSTDCCC050

Tot Ion: 43 Resp: 2627069

Ion Ratio Lower Upper

43 100

72 22.8 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.63

800000

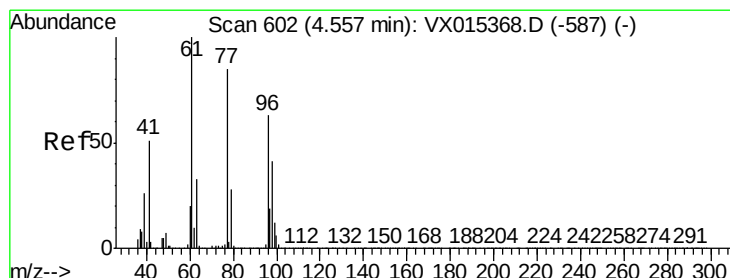
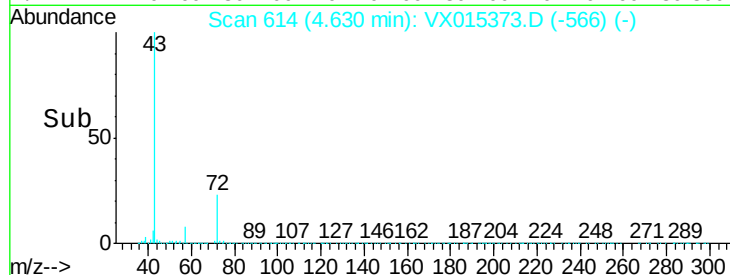
600000

400000

200000

0

Time-->



#26

2,2-Dichloropropane

Concen: 50.768 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015373.D

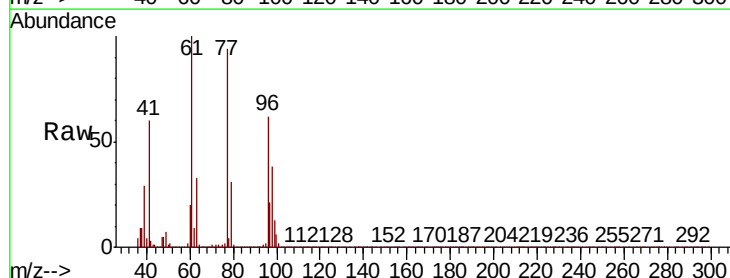
Acq: 27 Mar 2020 11:16

Tgt Ion: 77 Resp: 981349

Ion Ratio Lower Upper

77 100

97 21.6 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

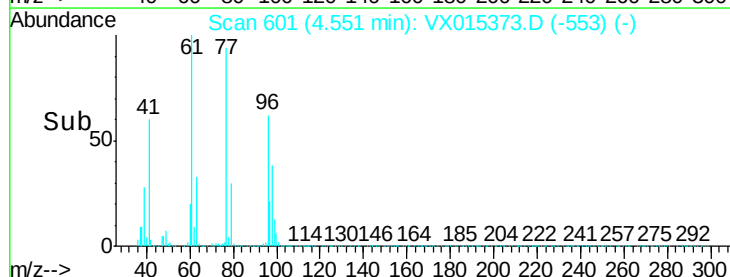
300000

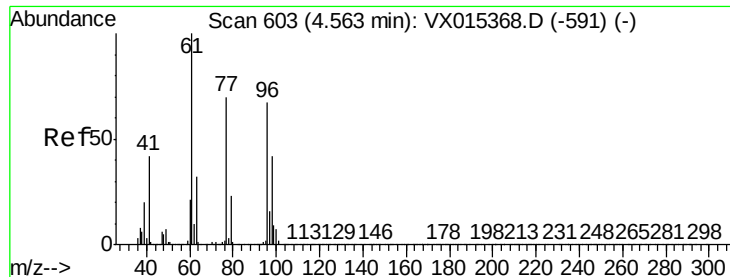
200000

100000

0

Time-->



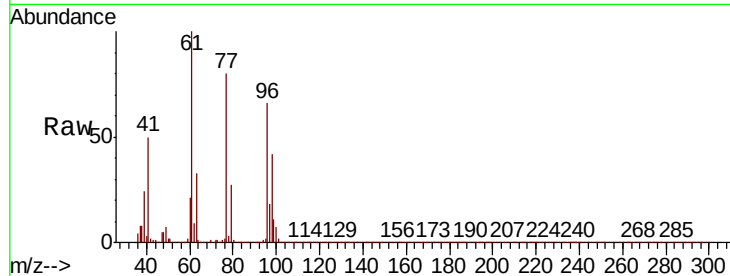


#27

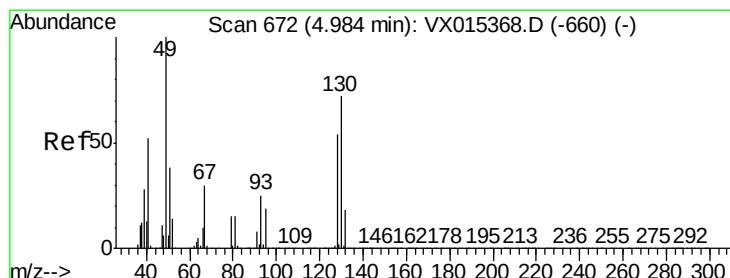
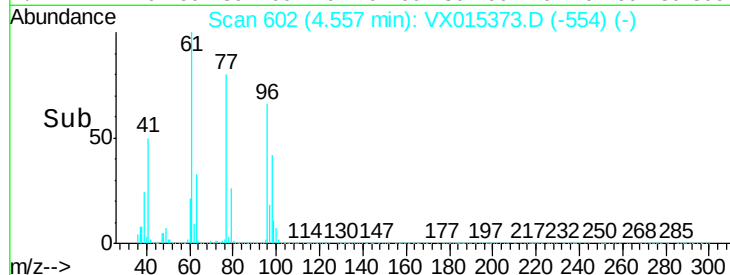
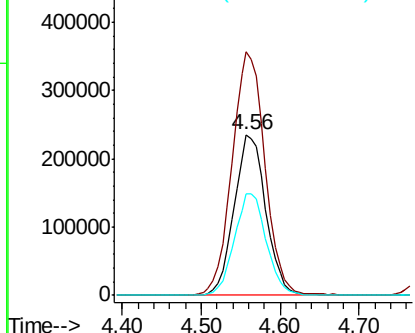
cis-1,2-Dichloroethene
Concen: 47.072 ug/l
RT: 4.56 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.7	0.0	308.4
98	64.1	0.0	129.2



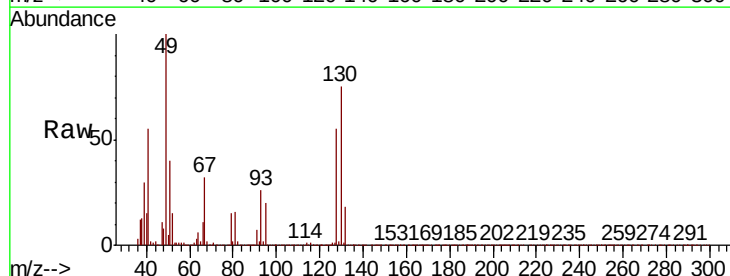
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



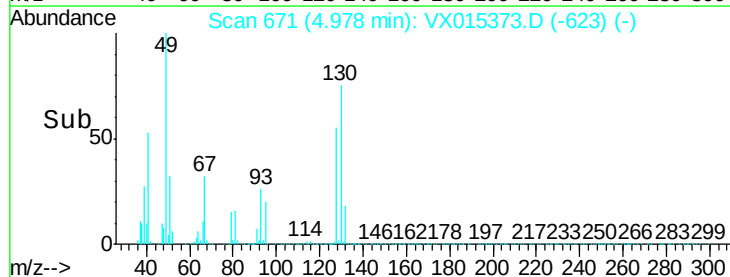
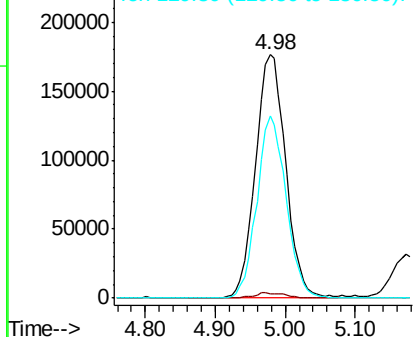
#28

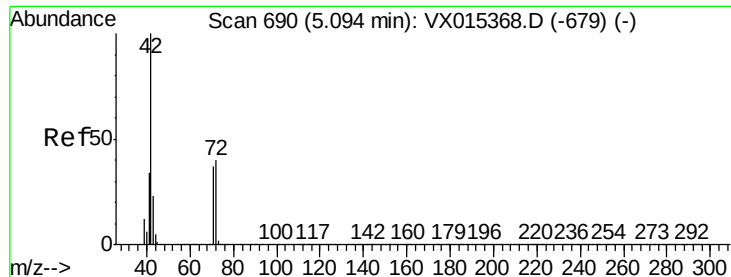
Bromochloromethane
Concen: 47.153 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	72.3	57.7	86.5



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: 235.091 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

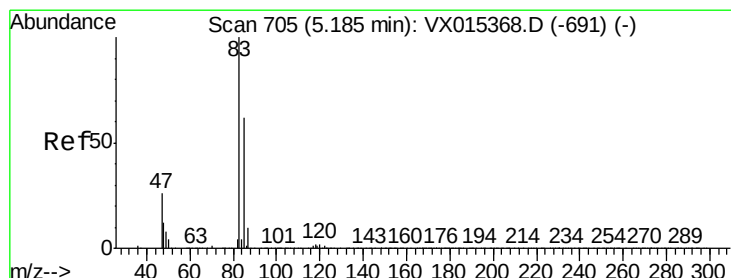
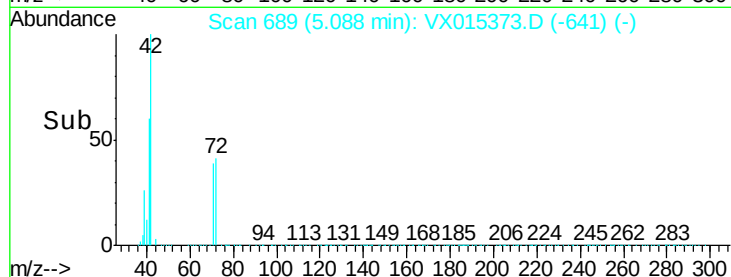
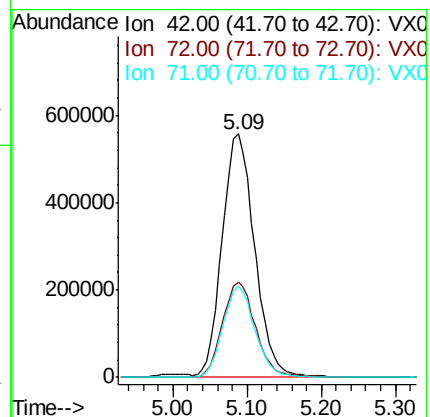
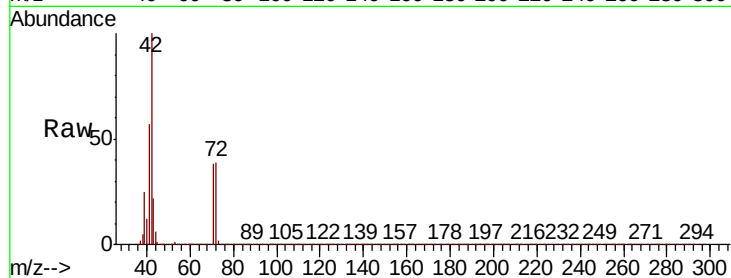
Tot Ion: 42 Resp: 1685180

Ion Ratio Lower Upper

42 100

72 40.0 31.7 47.5

71 36.8 29.6 44.4



#30

Chloroform

Concen: 47.059 ug/l

RT: 5.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX015373.D

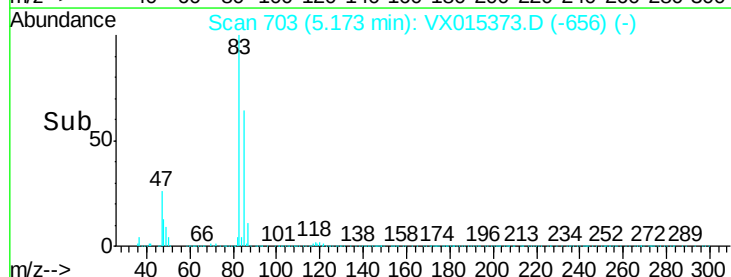
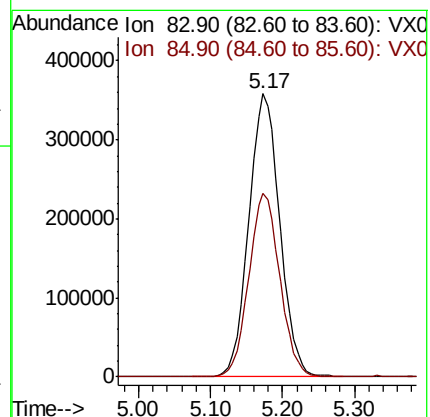
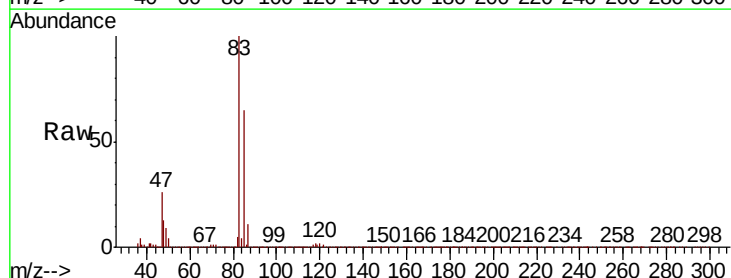
Acq: 27 Mar 2020 11:16

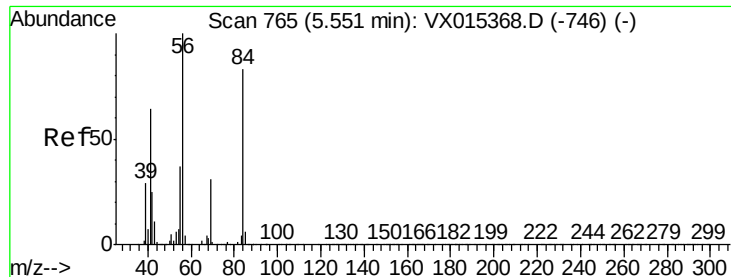
Tgt Ion: 83 Resp: 1066232

Ion Ratio Lower Upper

83 100

85 64.7 49.5 74.3

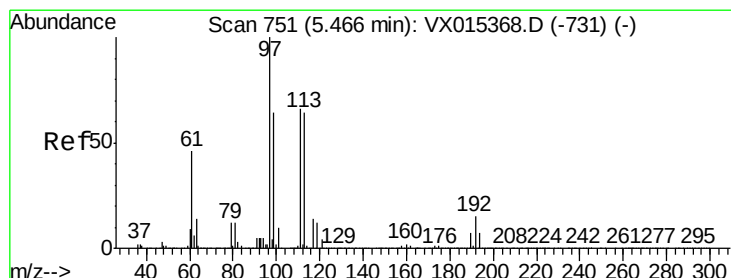
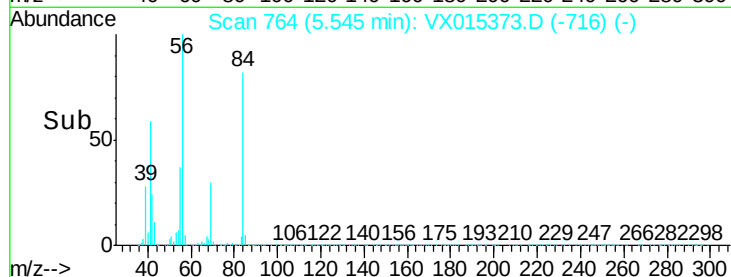
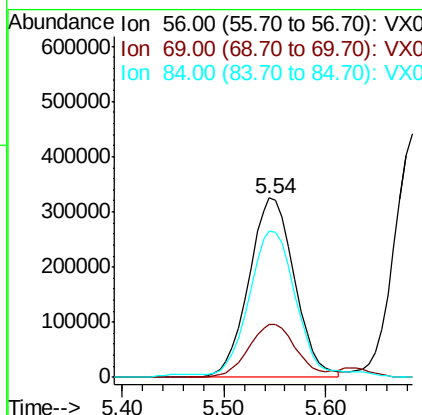
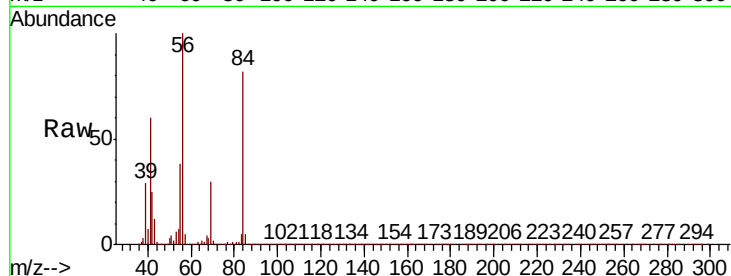




#31
Cyclohexane
Concen: 49.384 ug/l
RT: 5.54 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

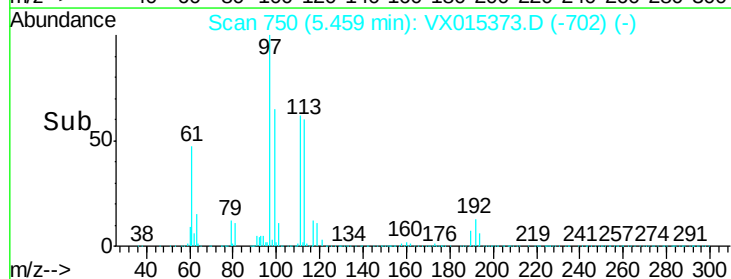
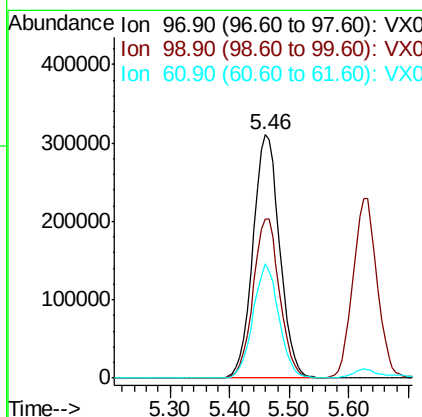
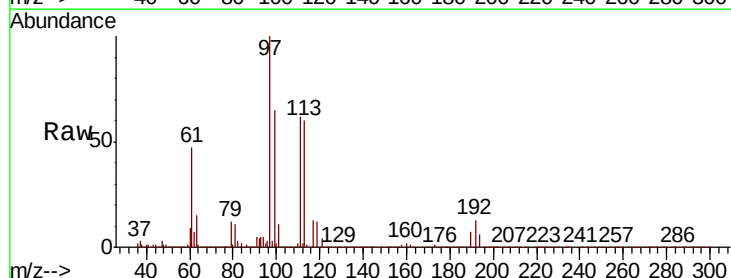
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

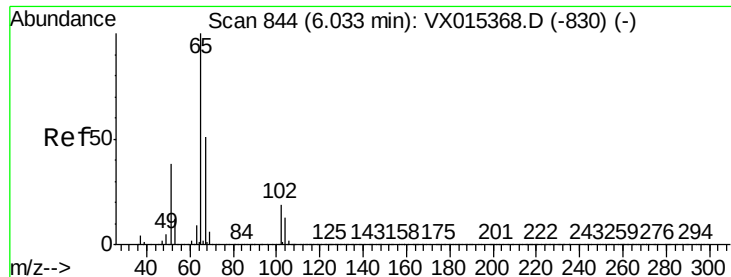
Tot Ion: 56 Resp: 1008888
Ion Ratio Lower Upper
56 100
69 29.6 24.6 36.8
84 80.6 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 46.989 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion: 97 Resp: 963484
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 45.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 46.019 ug/l

RT: 6.03 min Scan# 843

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

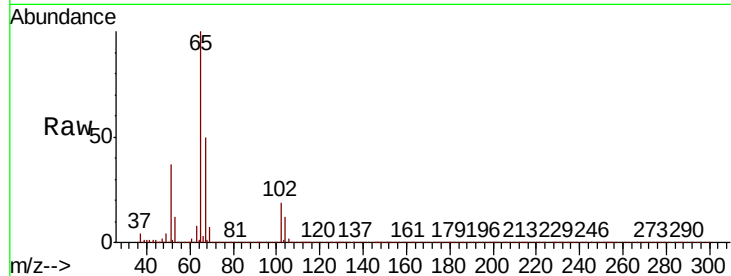
VSTDCCC050

Tot Ion: 65 Resp: 742659

Ion Ratio Lower Upper

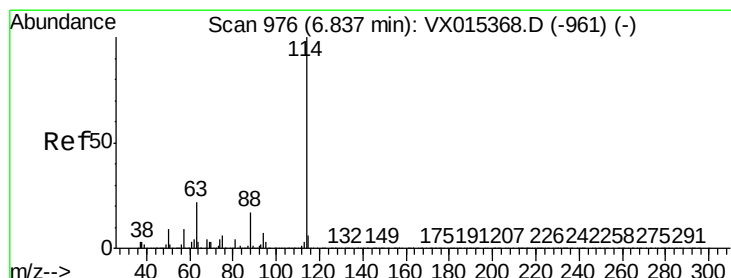
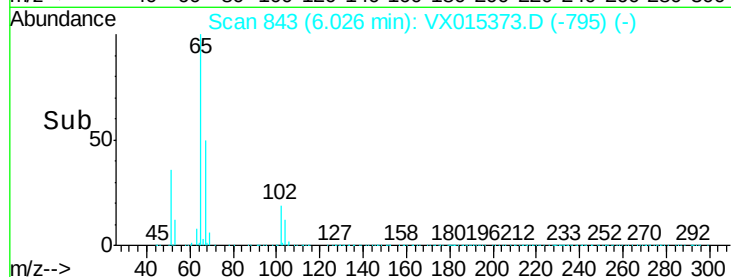
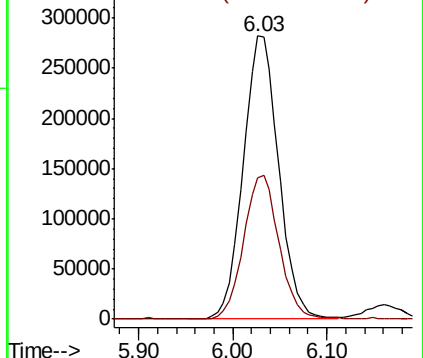
65 100

67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

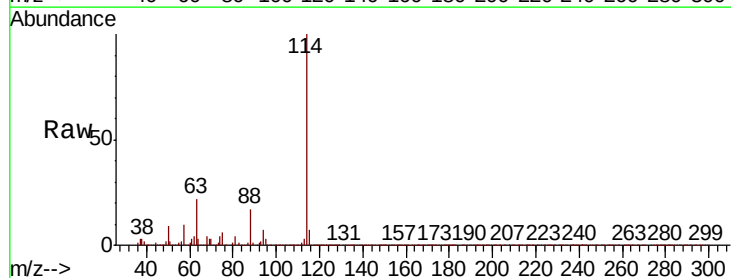
Tgt Ion: 114 Resp: 1747632

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.2

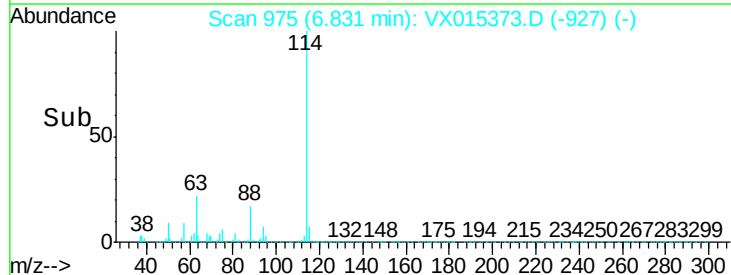
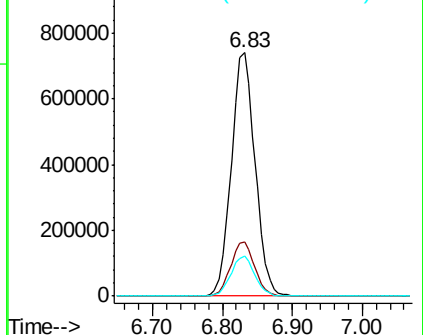
88 16.6 0.0 33.8

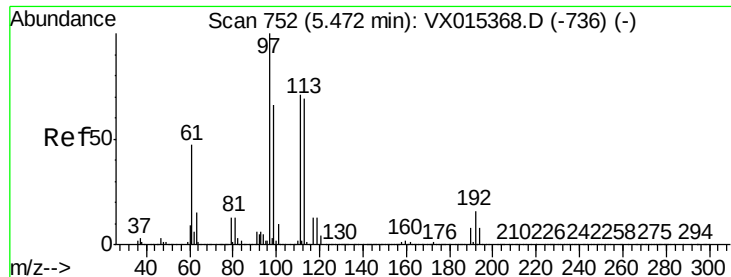


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

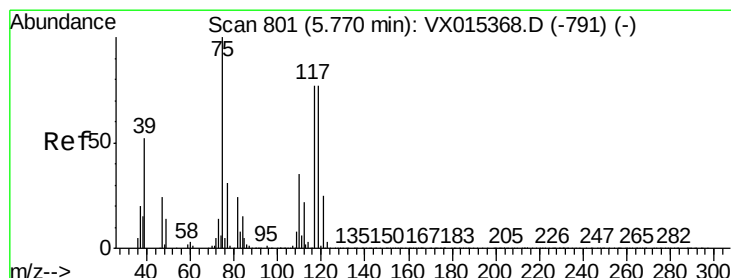
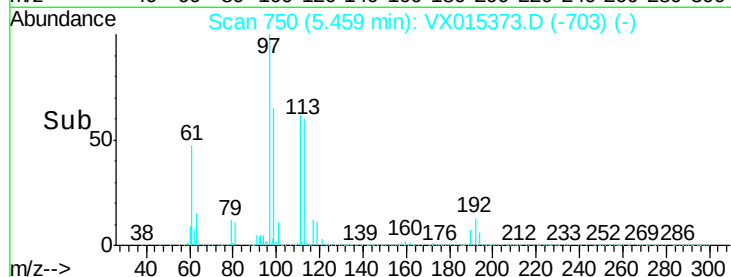
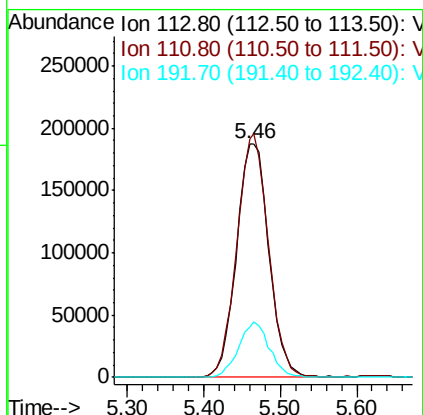
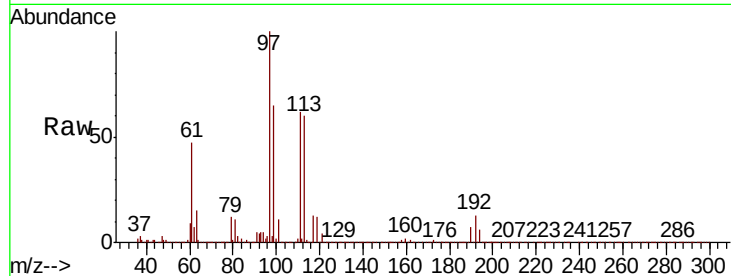




#35
 Dibromofluoromethane
 Concen: 49.159 ug/l
 RT: 5.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

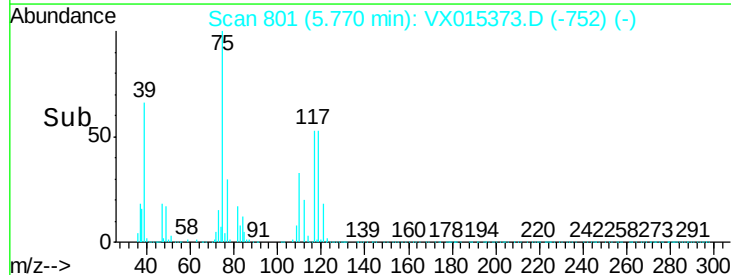
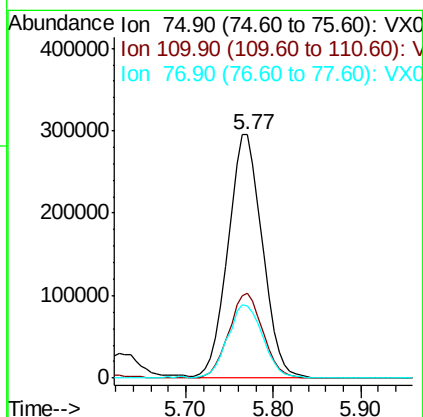
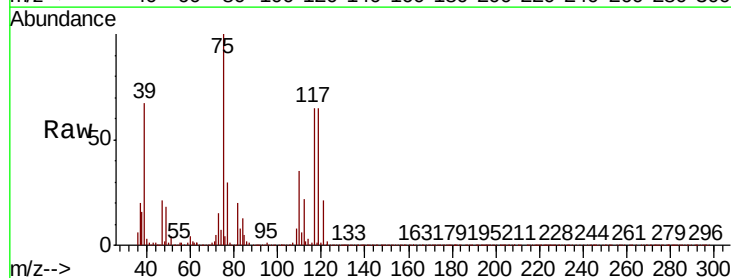
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

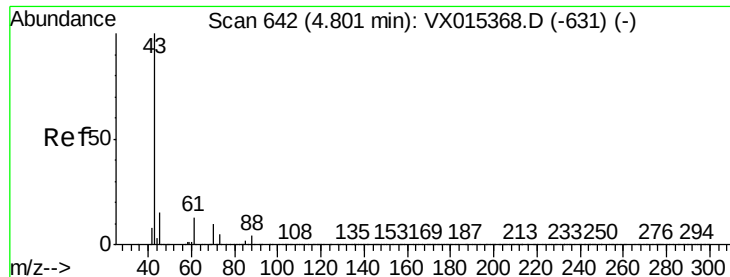
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.5	122.3
192	22.6	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 49.870 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.1	51.3
77	30.6	24.6	36.8

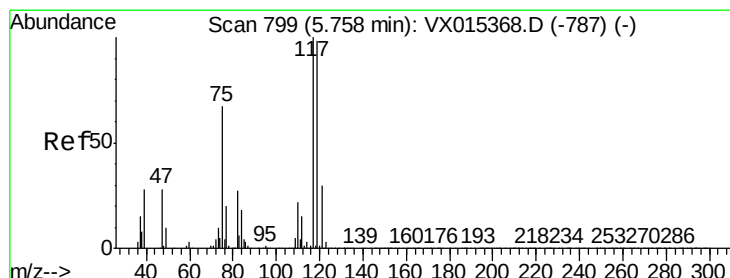
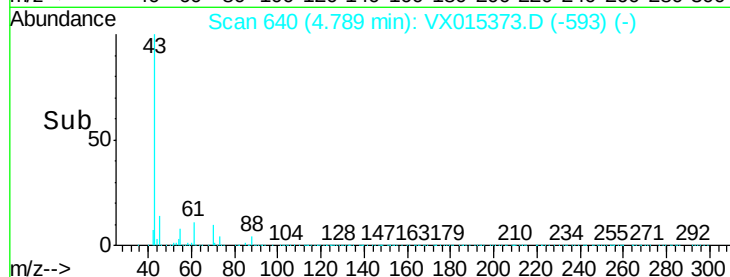
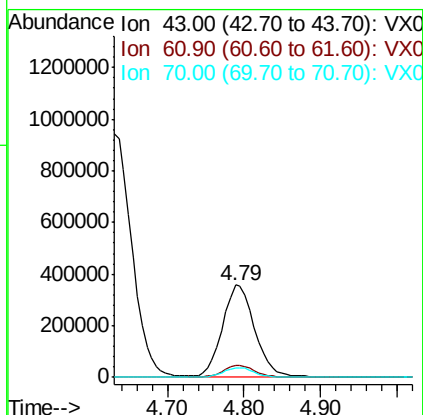
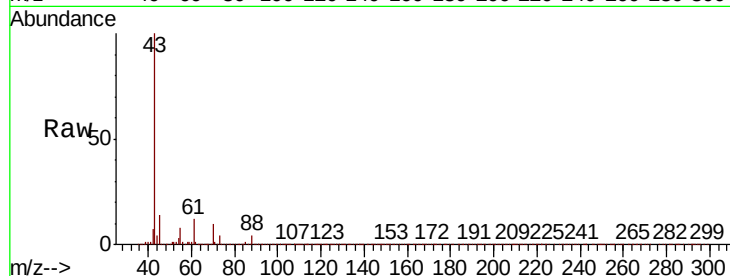




#37
Ethyl Acetate
Concen: 49.425 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

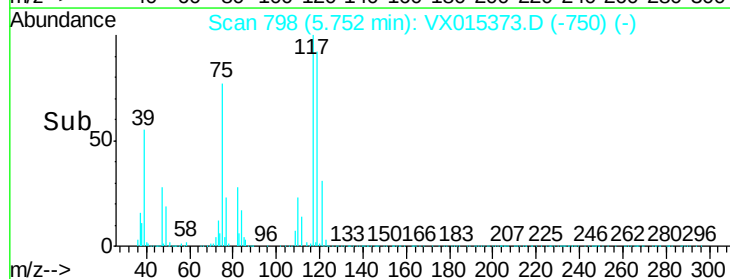
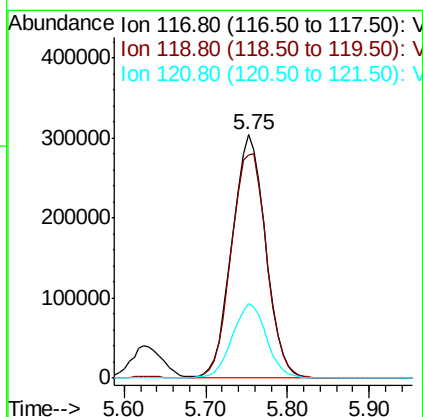
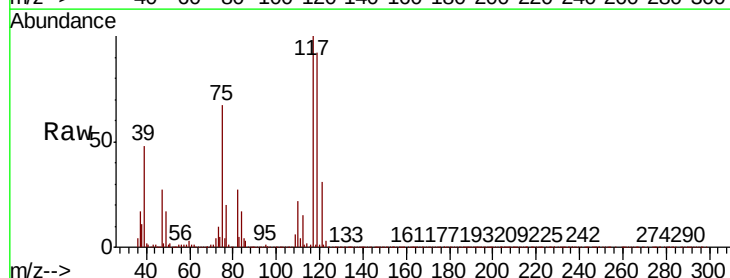
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

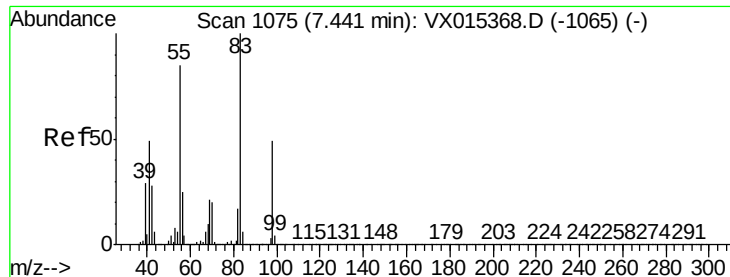
Tot Ion: 43 Resp: 1036270
Ion Ratio Lower Upper
43 100
61 12.3 9.9 14.9
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.516 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion: 117 Resp: 863588
Ion Ratio Lower Upper
117 100
119 91.7 78.0 117.0
121 30.8 23.8 35.8

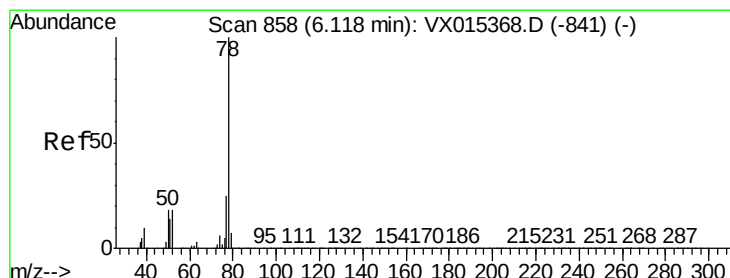
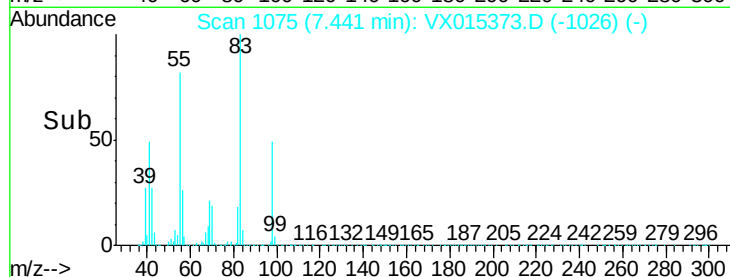
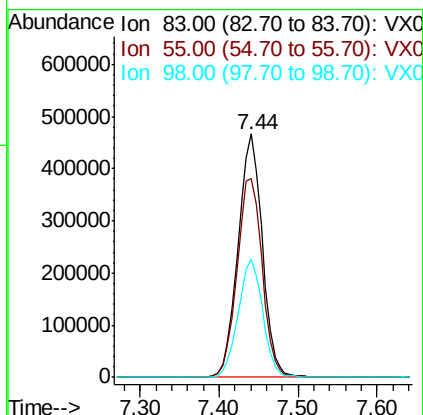
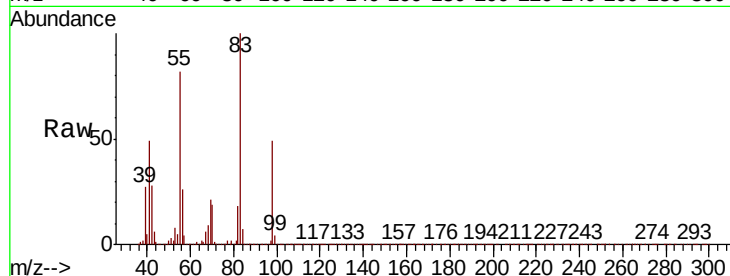




#39
Methylvlcyclohexane
Concen: 53.507 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

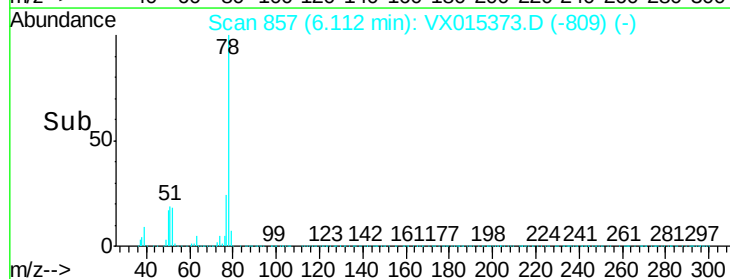
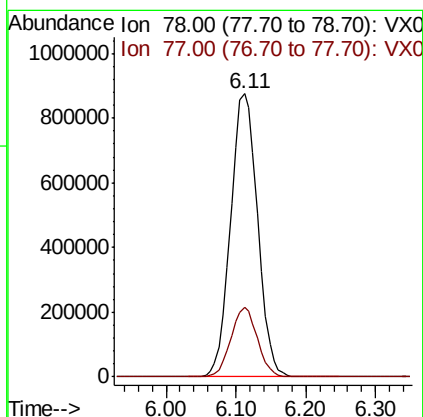
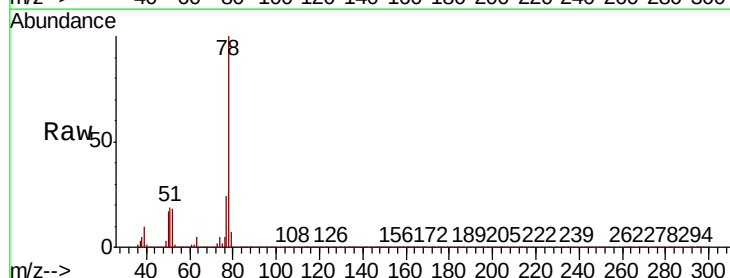
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

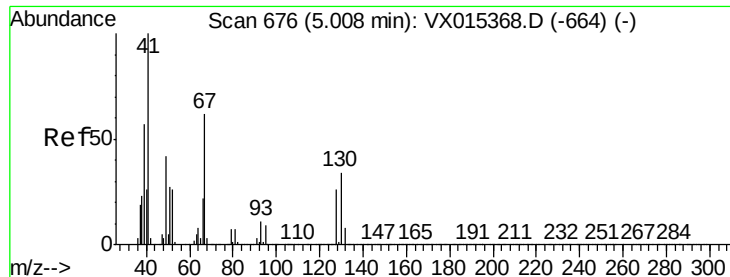
Tot Ion	Ratio	Lower	Upper
83	100		
55	81.4	67.8	101.6
98	48.7	39.3	58.9



#40
Benzene
Concen: 49.648 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.8	29.8

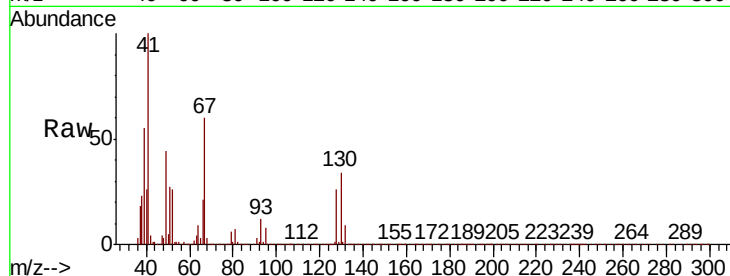




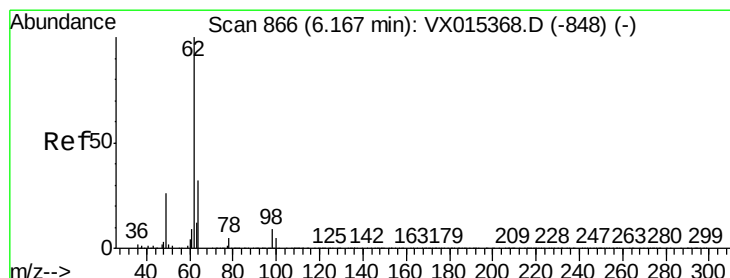
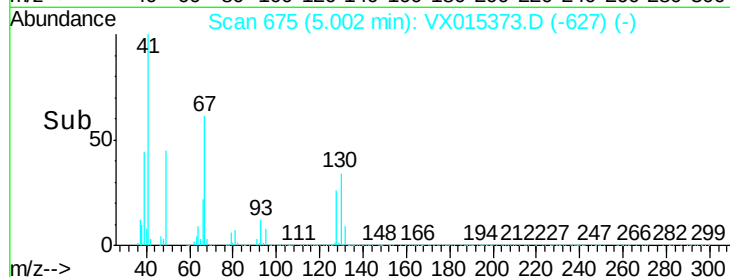
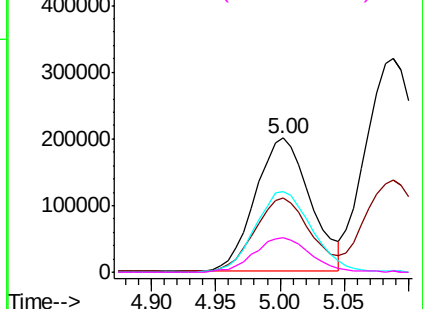
#41
Methacrylonitrile
Concen: 50.994 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	593515
Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.5	66.7
67	61.3	48.9	73.3
52	26.0	21.8	32.6

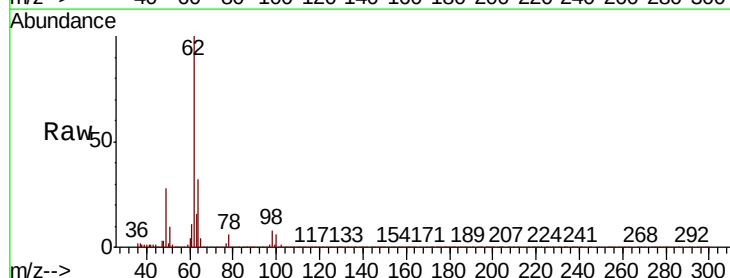


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

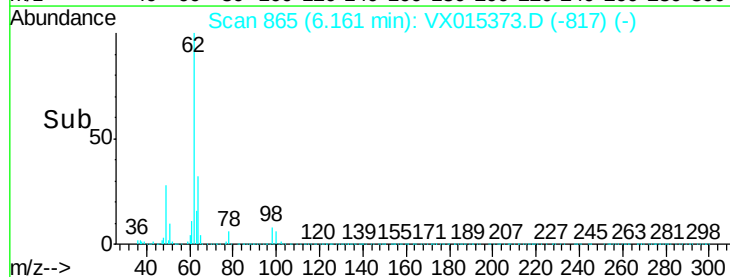
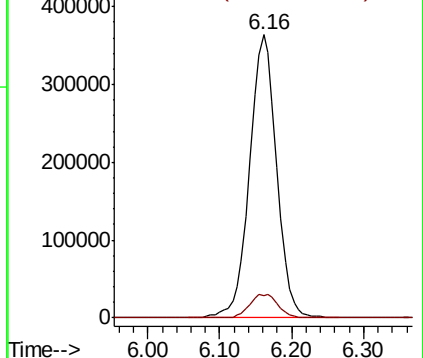


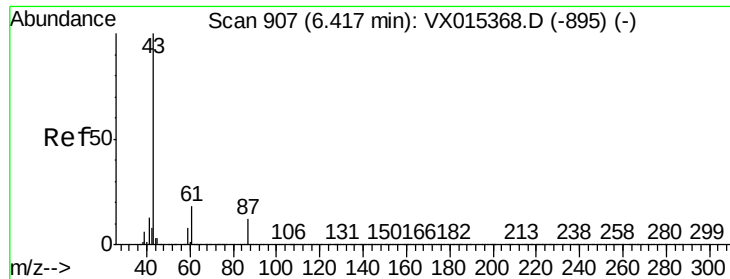
#42
1,2-Dichloroethane
Concen: 49.908 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion:	62	Resp:	945597
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 50.290 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

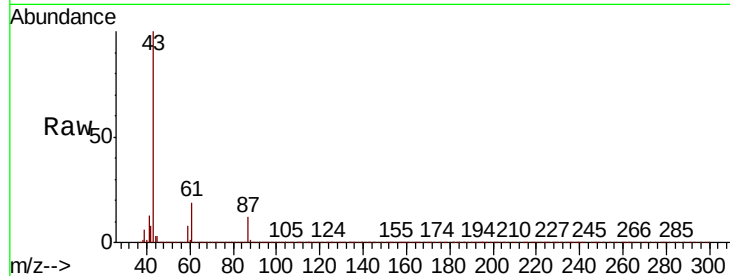
Tot Ion: 43 Resp: 1779959

Ion Ratio Lower Upper

43 100

61 19.0 14.8 22.2

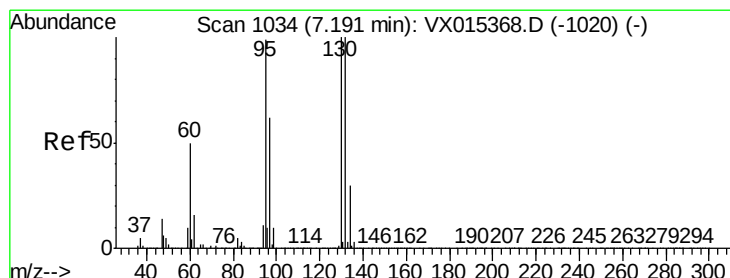
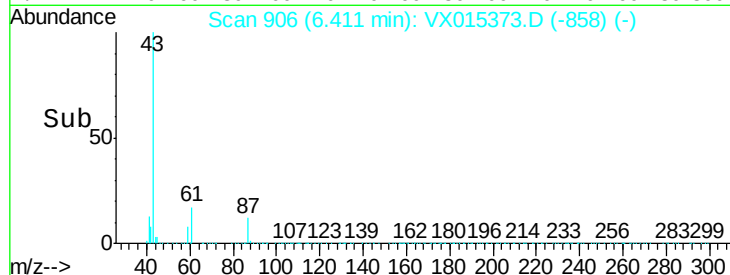
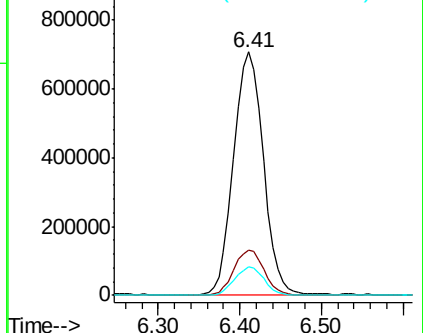
87 11.7 9.4 14.0



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: 49.851 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015373.D

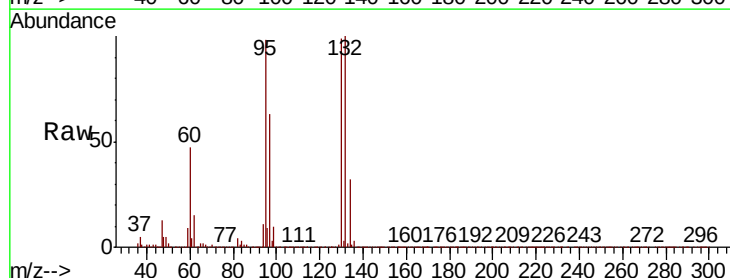
Acq: 27 Mar 2020 11:16

Tgt Ion:130 Resp: 641283

Ion Ratio Lower Upper

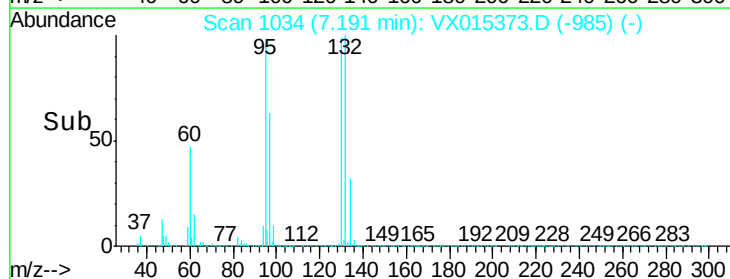
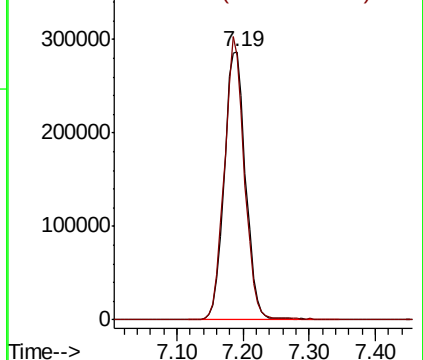
130 100

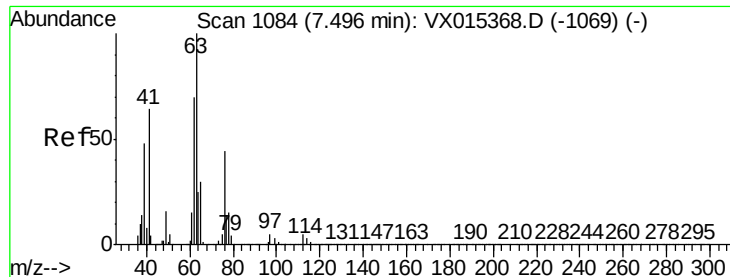
95 98.3 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

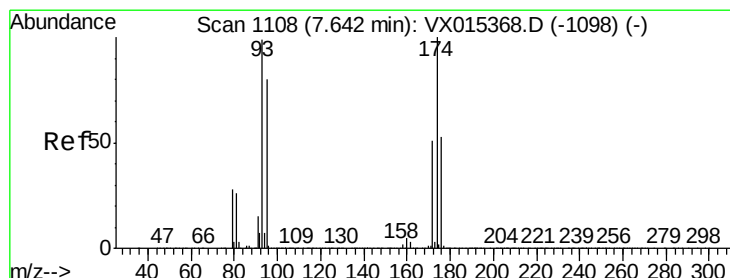
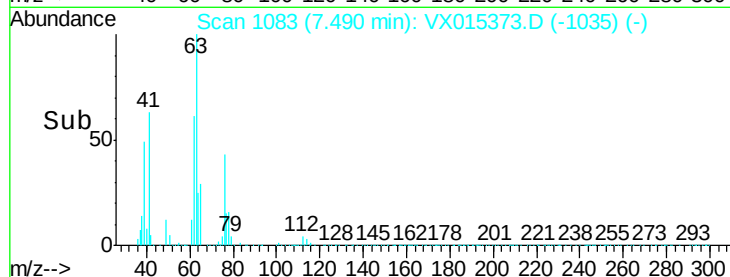
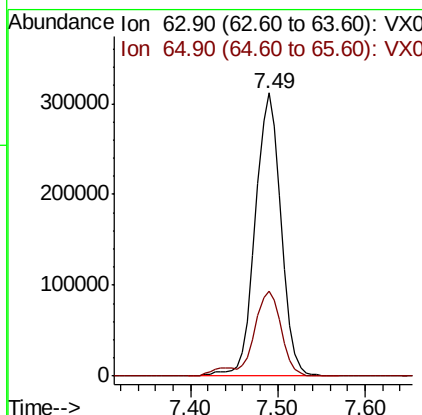
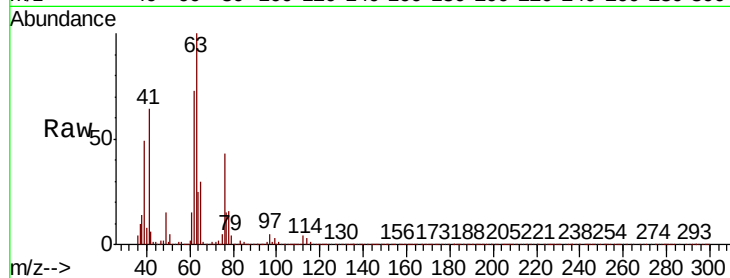




#45
 1,2-Dichloropropane
 Concen: 49.177 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

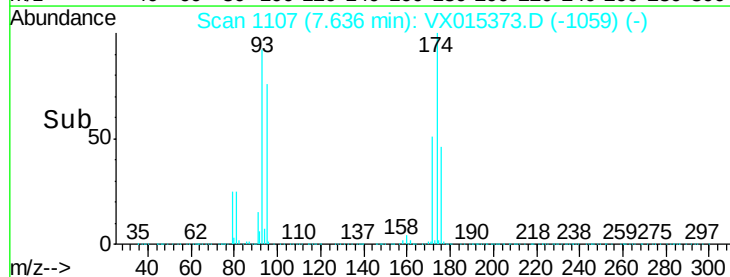
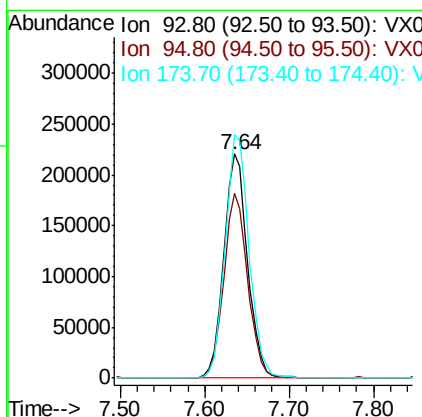
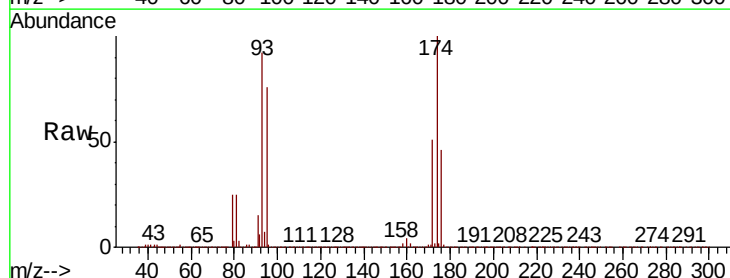
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

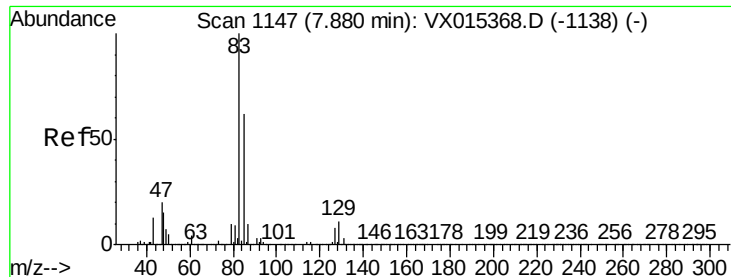
Tot Ion: 63 Resp: 634551
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.9 35.9



#46
 Dibromomethane
 Concen: 50.284 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

Tgt Ion: 93 Resp: 425619
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.8 98.8
 174 109.5 86.2 129.2





#47

Bromodichloromethane

Concen: 50.446 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

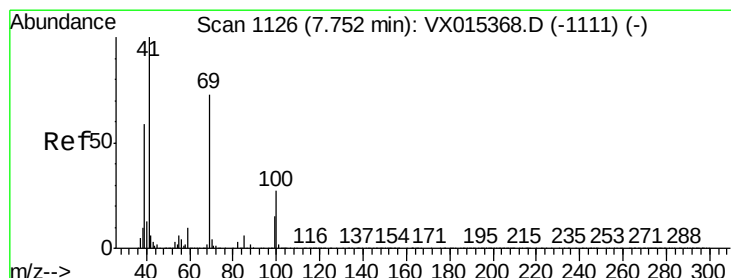
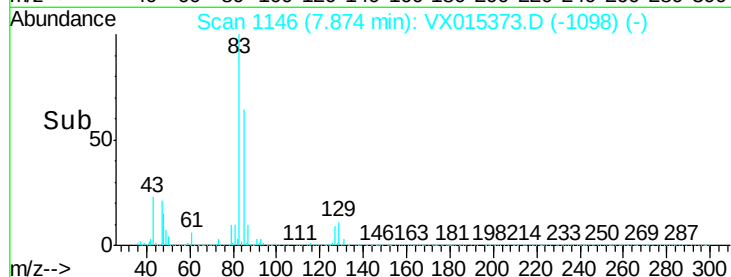
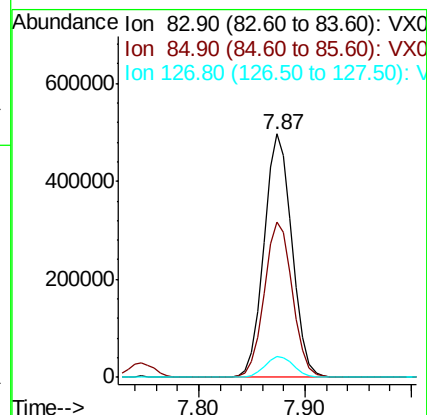
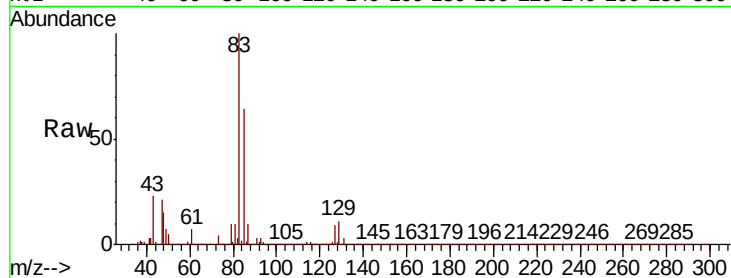
Tot Ion: 83 Resp: 909846

Ion Ratio Lower Upper

83 100

85 63.5 49.7 74.5

127 8.6 6.7 10.1



#48

Methyl methacrylate

Concen: 50.534 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

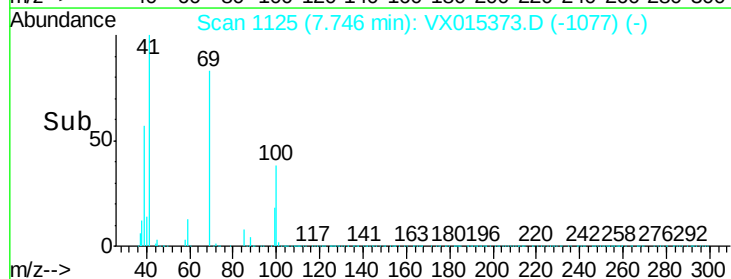
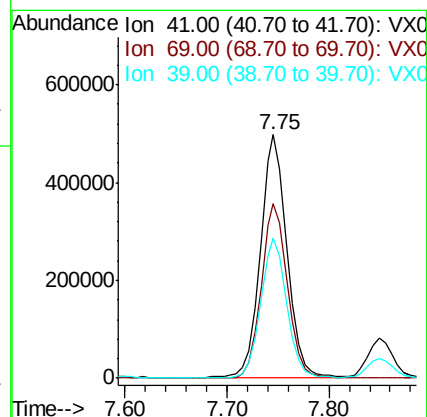
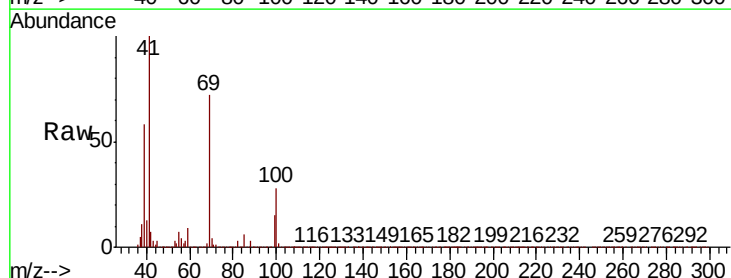
Tgt Ion: 41 Resp: 893388

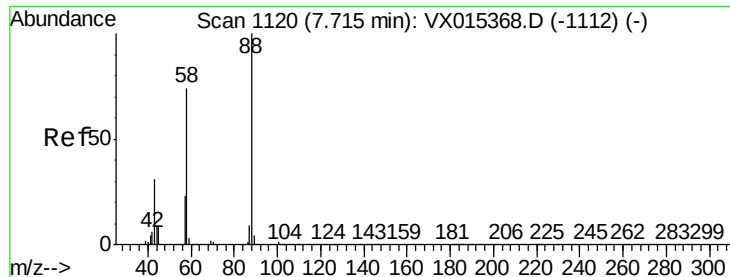
Ion Ratio Lower Upper

41 100

69 70.7 56.7 85.1

39 56.6 46.5 69.7

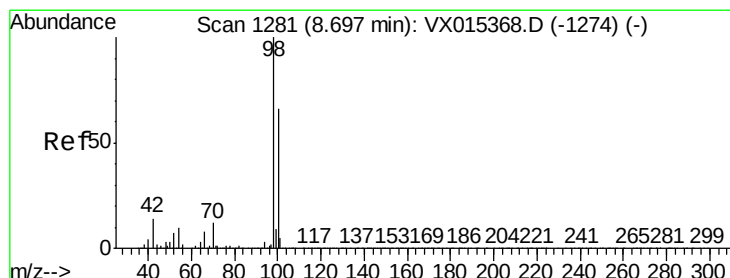
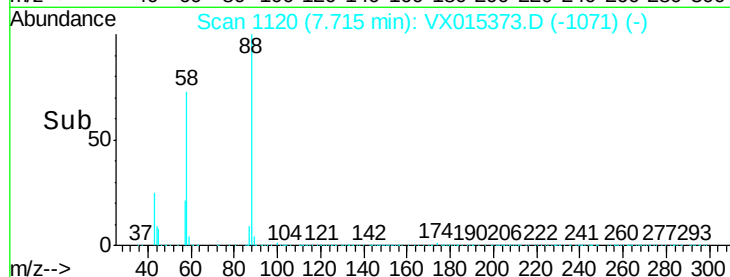
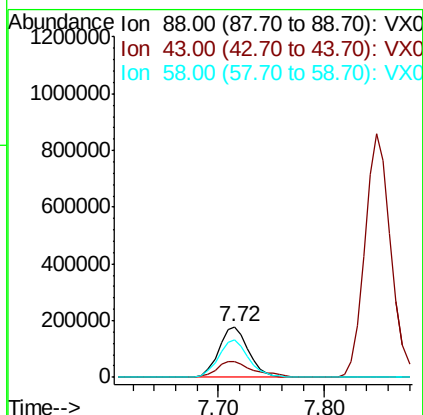
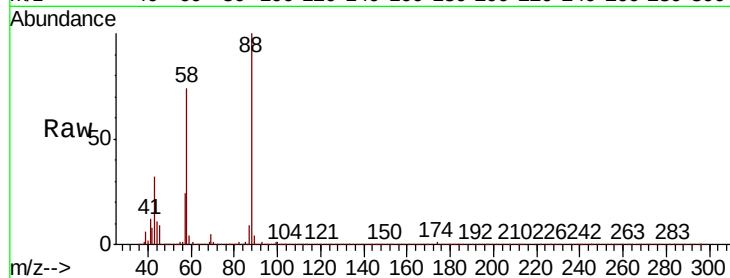




#49
 1,4-Dioxane
 Concen: 1031.812 ug/l
 RT: 7.72 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

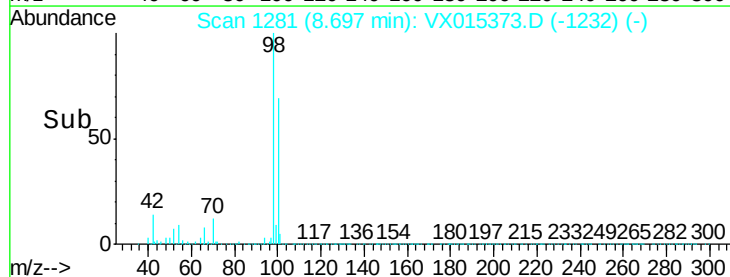
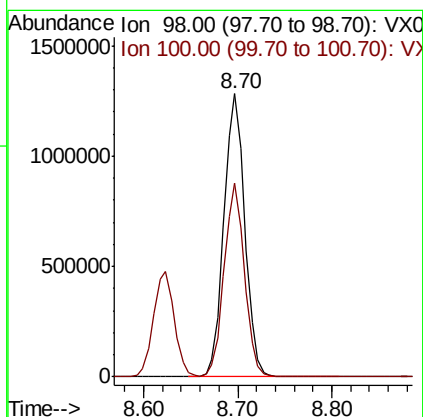
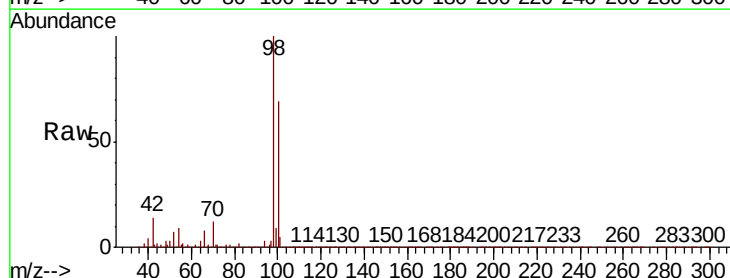
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

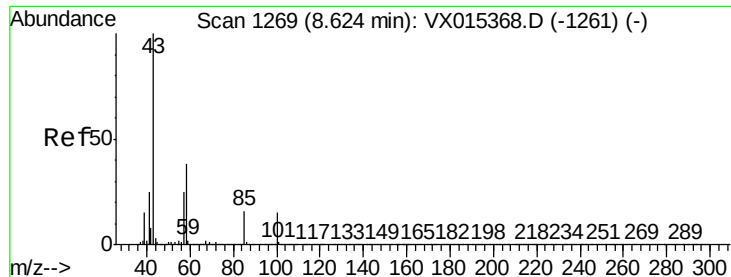
Tot Ion	Ratio	Lower	Upper
88	100		
43	37.4	30.1	45.1
58	74.9	60.6	90.8



#50
 Toluene-d8
 Concen: 47.829 ug/l
 RT: 8.70 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 251.567 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

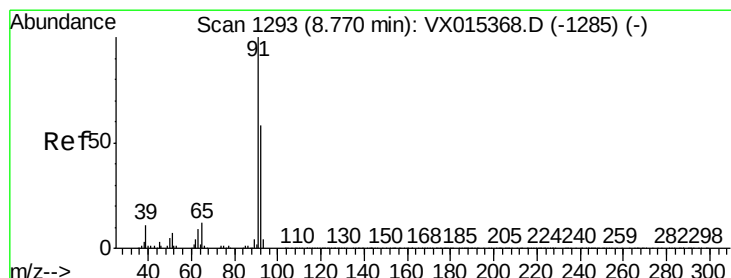
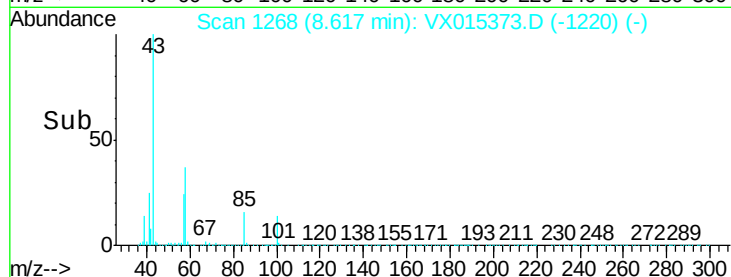
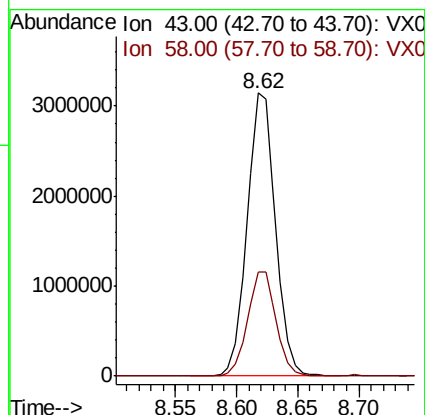
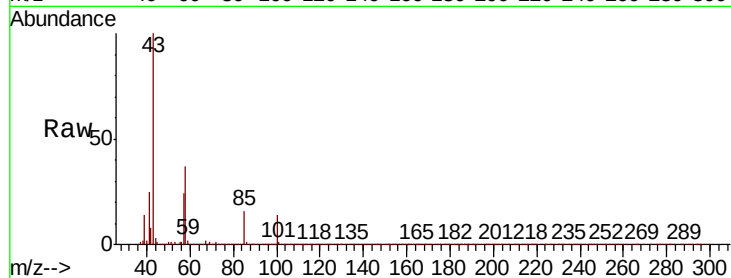
VSTDCCC050

Tot Ion: 43 Resp: 5046019

Ion Ratio Lower Upper

43 100

58 36.9 29.7 44.5



#52

Toluene

Concen: 50.197 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015373.D

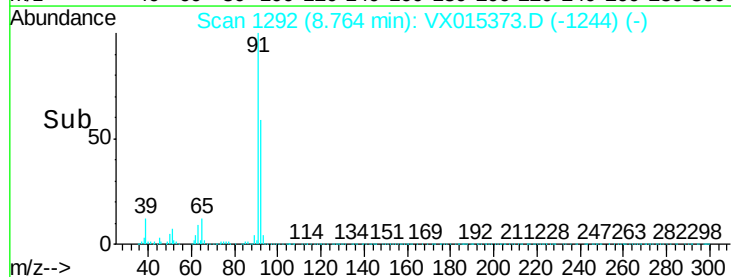
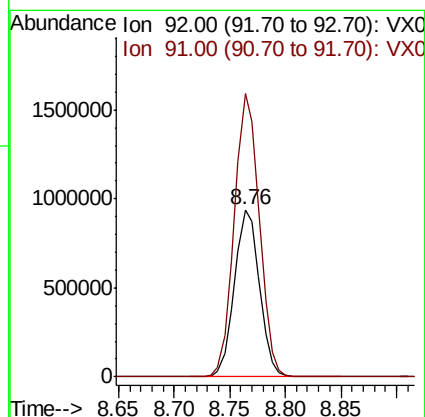
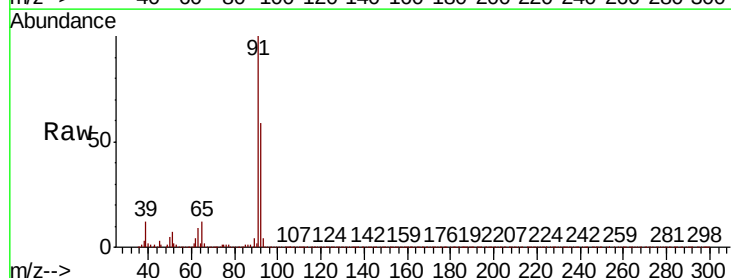
Acq: 27 Mar 2020 11:16

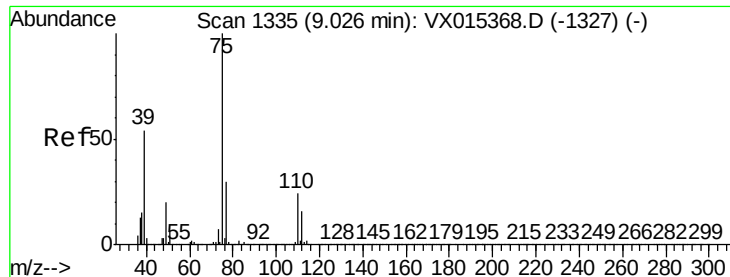
Tgt Ion: 92 Resp: 1459749

Ion Ratio Lower Upper

92 100

91 170.0 136.6 205.0

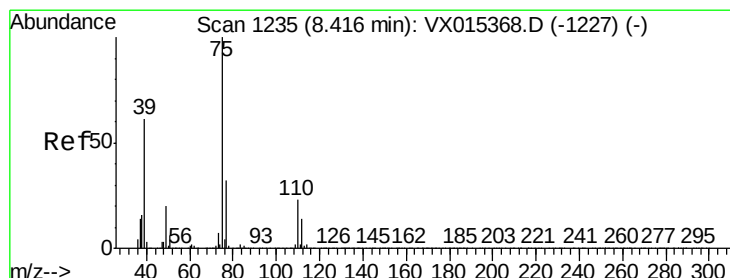
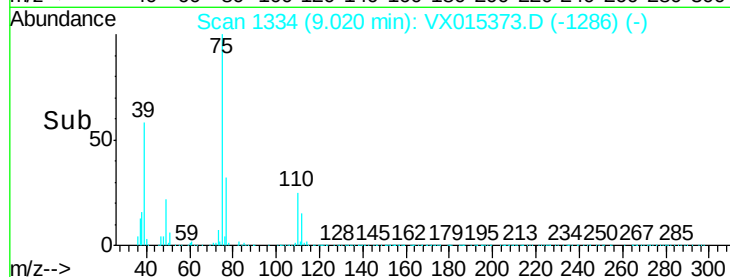
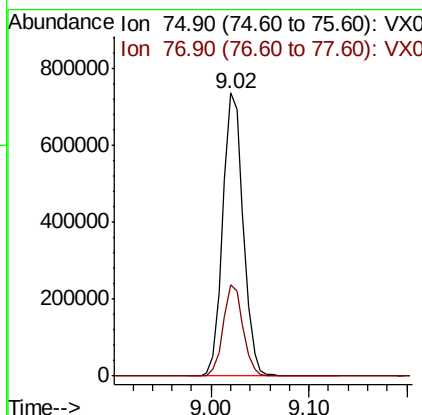
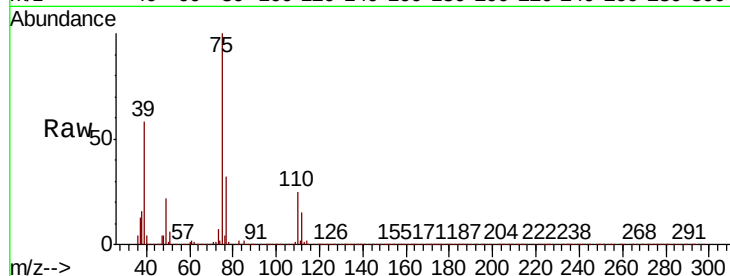




#53
t-1,3-Dichloropropene
Concen: 50.435 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

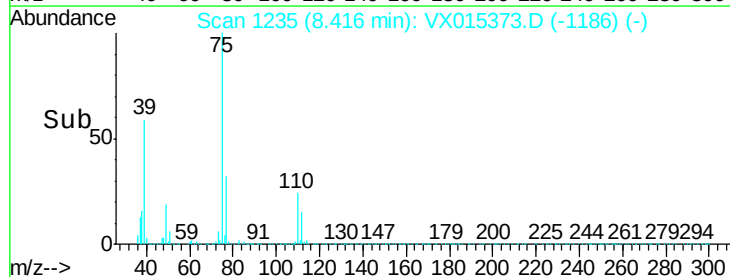
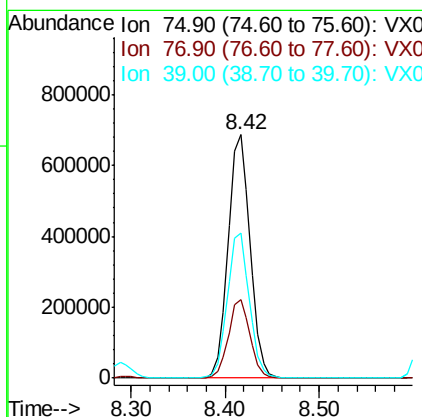
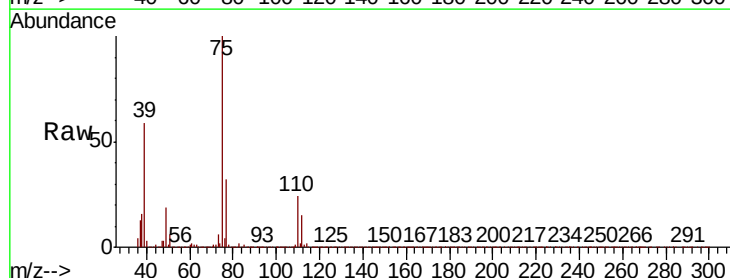
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

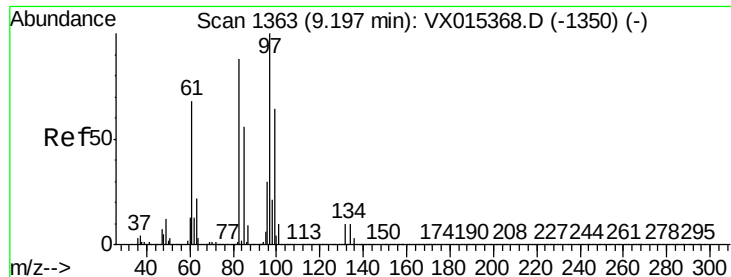
Tot Ion: 75 Resp: 1066850
Ion Ratio Lower Upper
75 100
77 32.2 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 51.414 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion: 75 Resp: 1107843
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
39 59.2 49.0 73.4

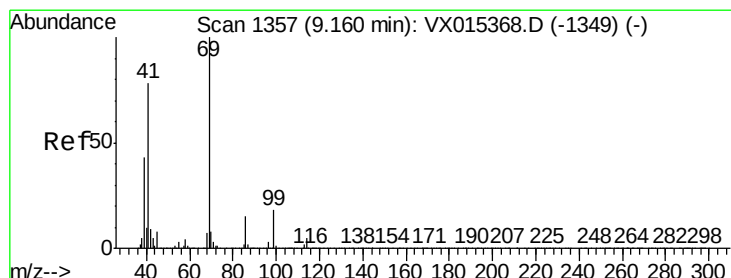
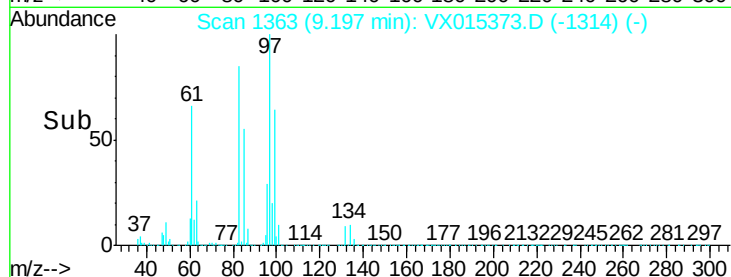
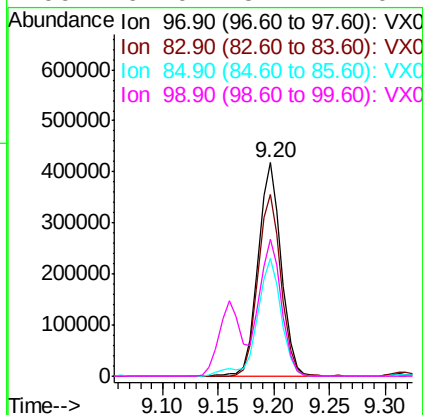
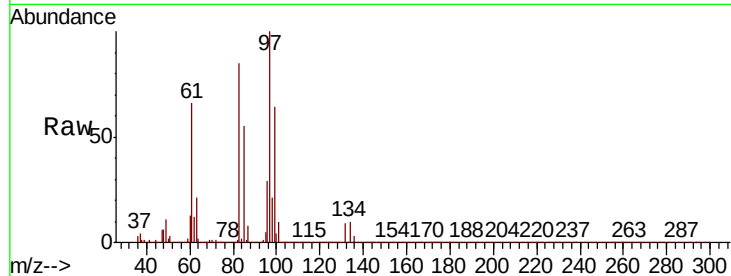




#55
 1,1,2-Trichloroethane
 Concen: 50.699 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

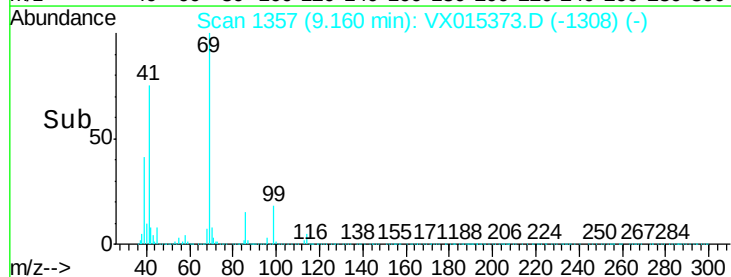
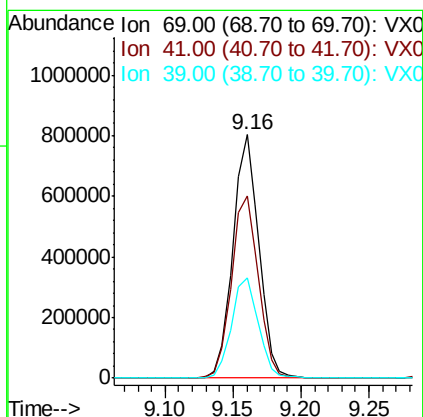
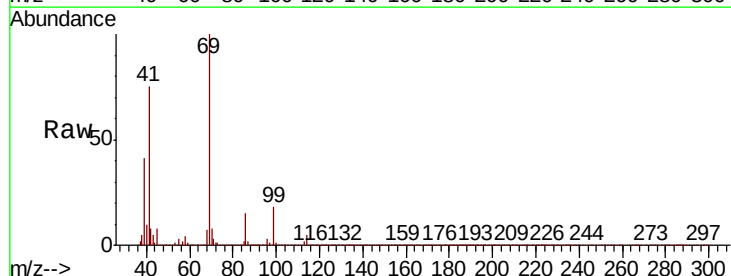
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

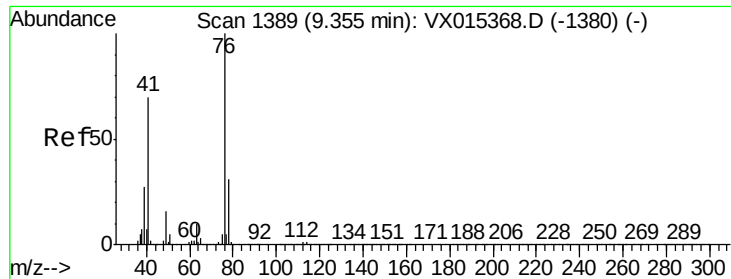
Tot Ion:	97	Resp:	604056
Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.2	105.4
85	55.0	44.7	67.1
99	64.0	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 50.711 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

Tgt Ion:	69	Resp:	1064815
Ion	Ratio	Lower	Upper
69	100		
41	77.3	61.6	92.4
39	42.2	34.0	51.0

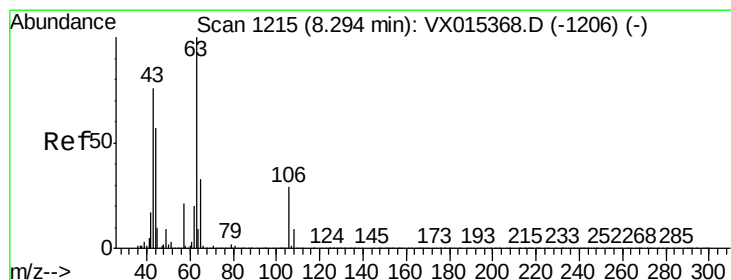
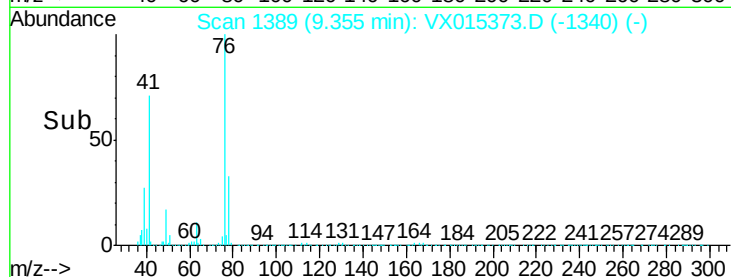
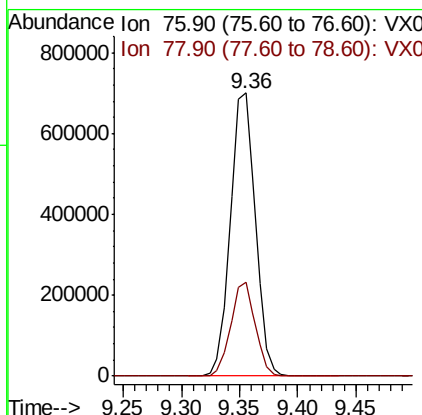
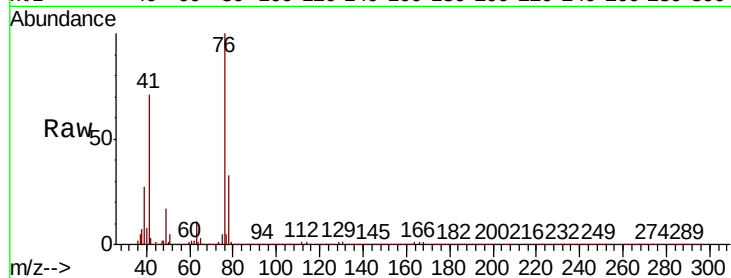




#57
 1,3-Dichloropropane
 Concen: 48.945 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

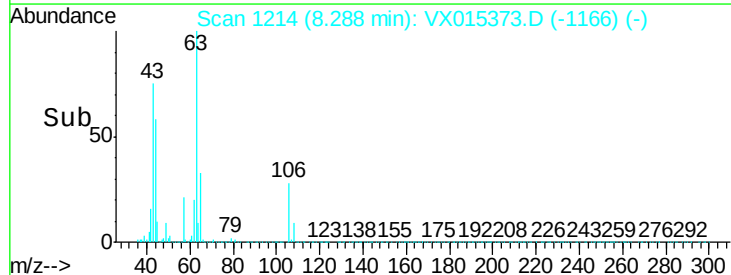
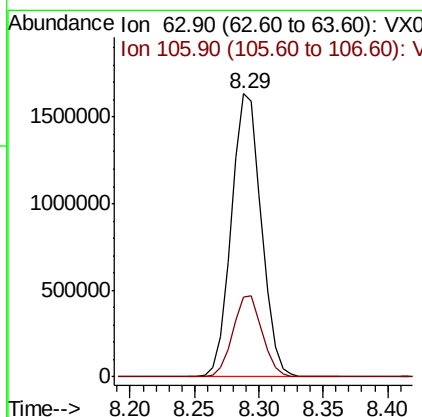
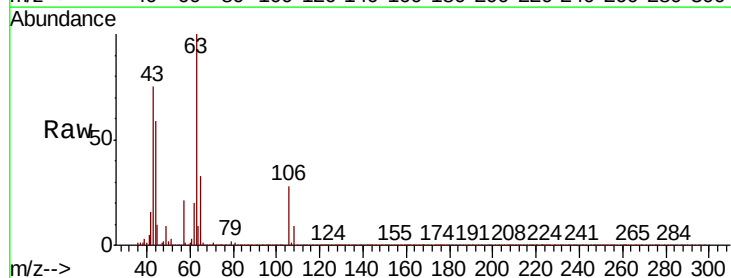
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

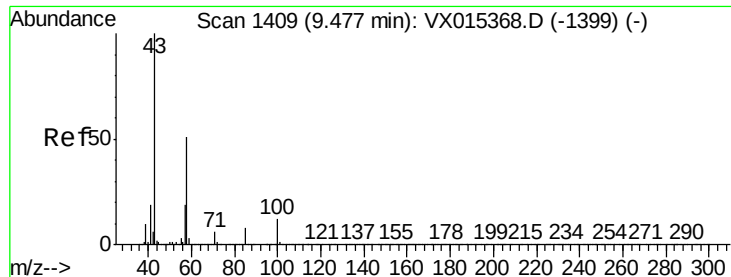
Tot Ion: 76 Resp: 1050665
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.285 ug/l
 RT: 8.29 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

Tgt Ion: 63 Resp: 2648183
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.7 34.1

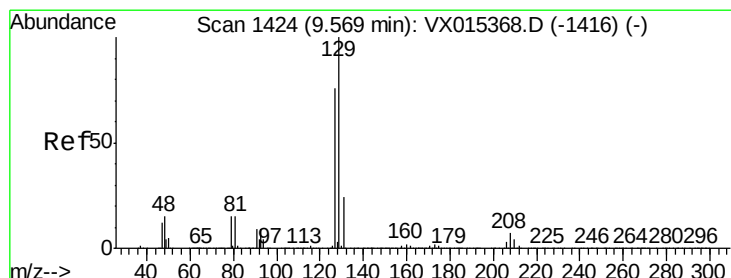
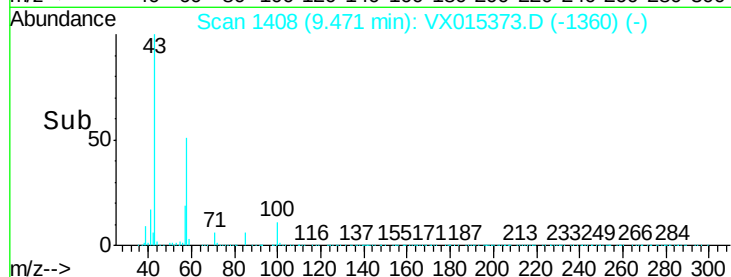
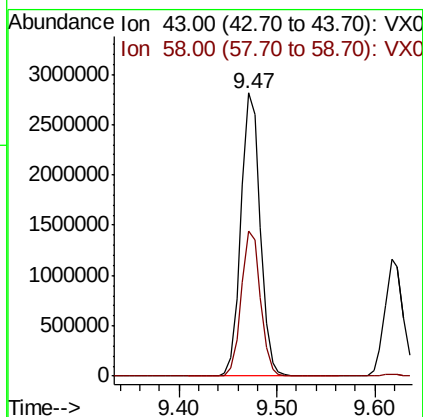
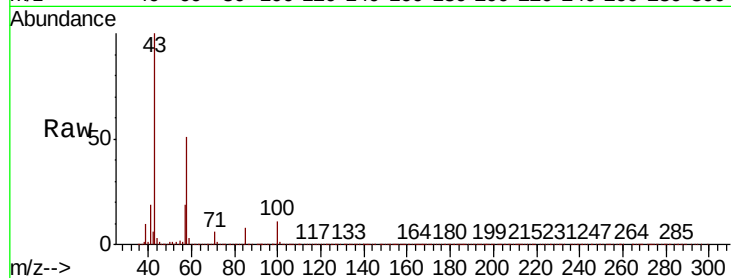




#59
2-Hexanone
Concen: 253.956 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

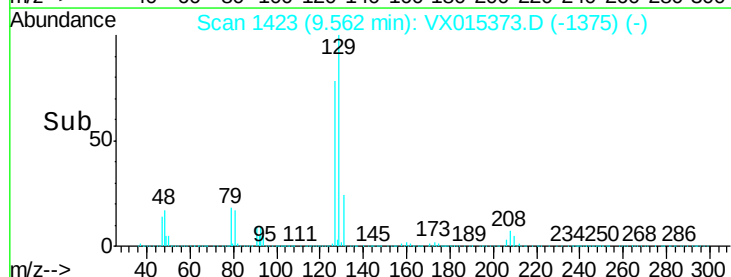
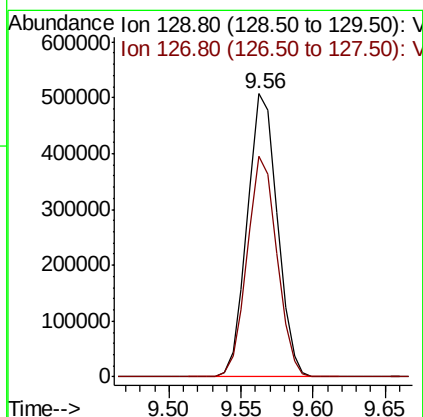
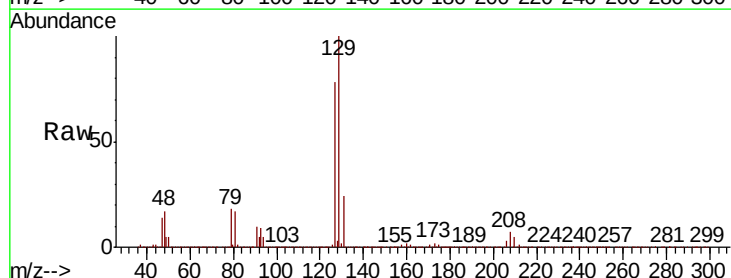
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

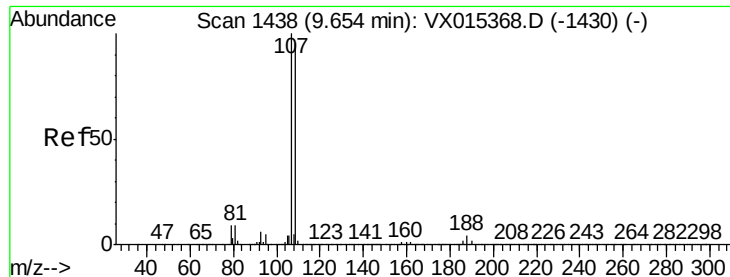
Tot Ion: 43 Resp: 3845816
Ion Ratio Lower Upper
43 100
58 51.1 25.6 76.6



#60
Dibromochloromethane
Concen: 51.164 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion: 129 Resp: 732501
Ion Ratio Lower Upper
129 100
127 77.1 38.2 114.6

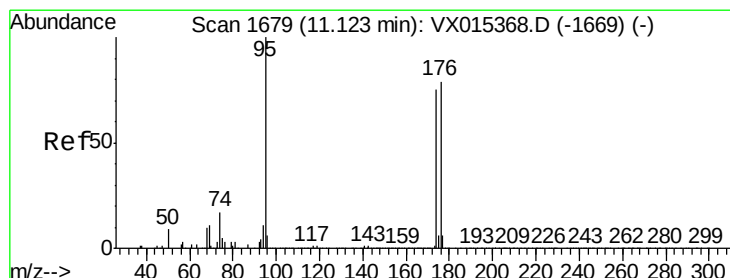
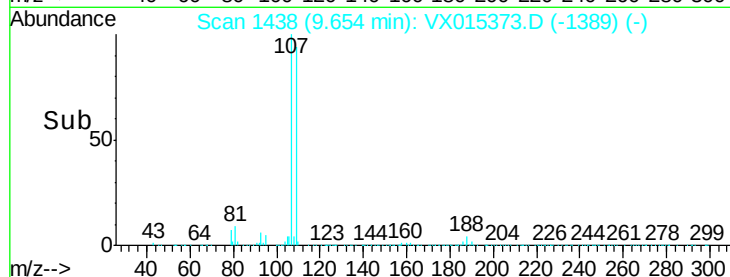
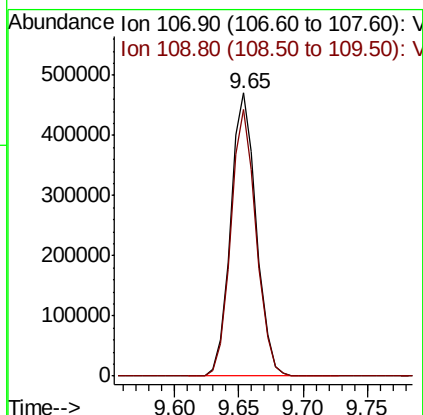
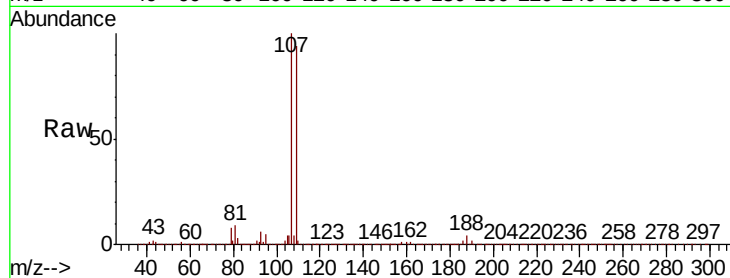




#61
 1,2-Dibromoethane
 Concen: 50.417 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

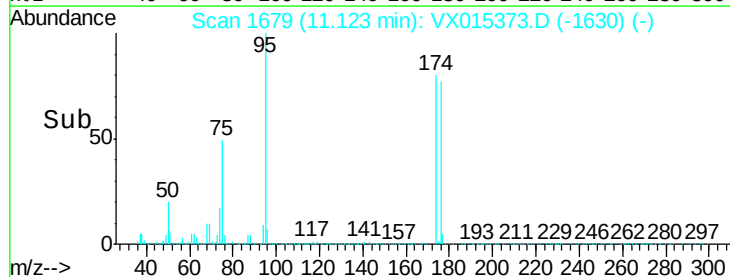
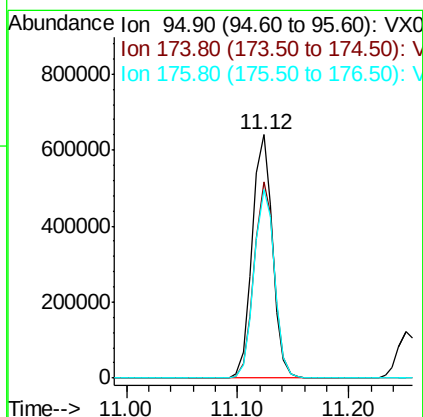
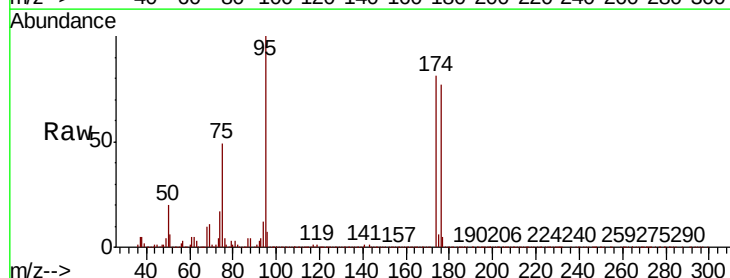
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

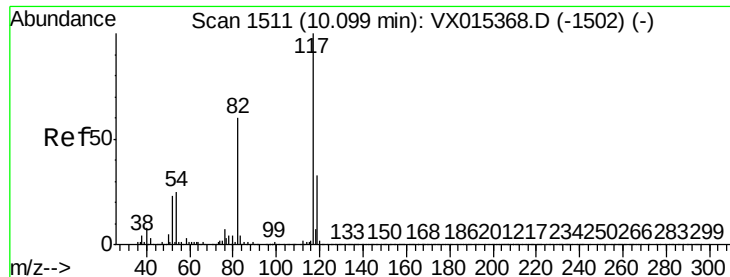
Tot Ion: 107 Resp: 653159
 Ion Ratio Lower Upper
 107 100
 109 93.1 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.581 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

Tgt Ion: 95 Resp: 812037
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 158.6
 176 79.0 0.0 159.0

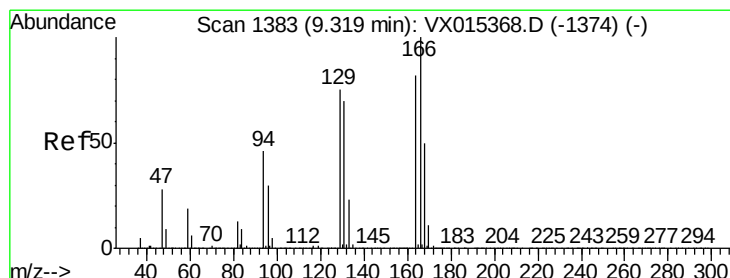
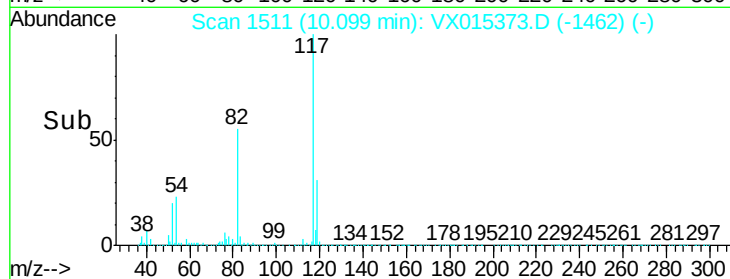
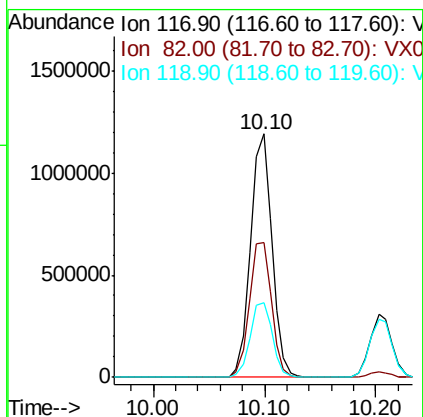
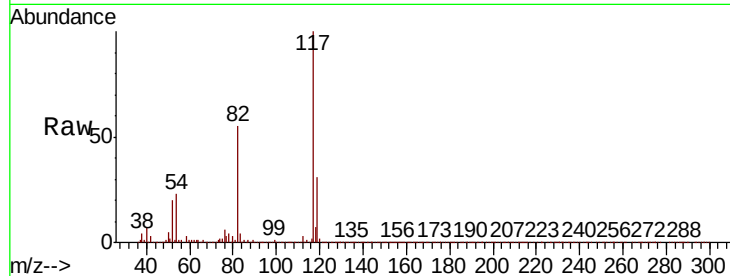




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

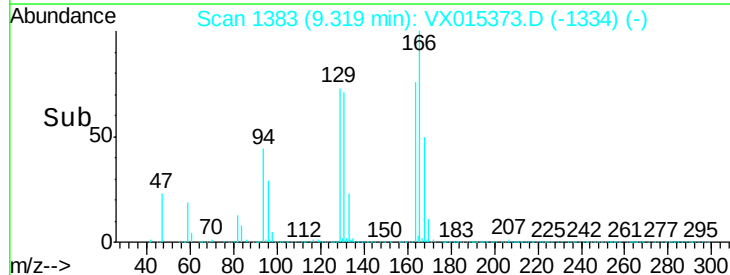
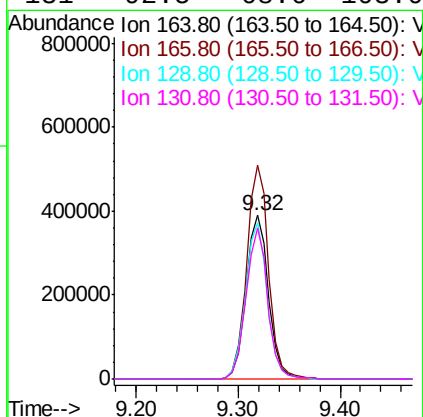
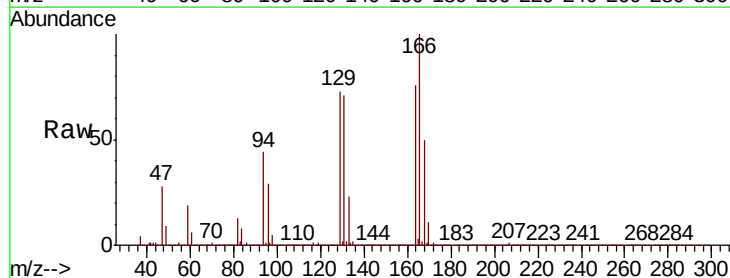
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

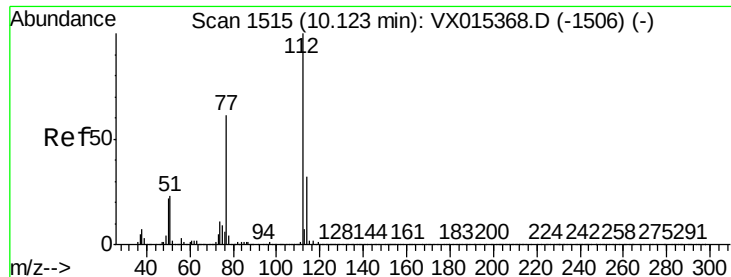
Tot Ion:117 Resp: 1594230
Ion Ratio Lower Upper
117 100
82 55.2 47.8 71.8
119 30.7 26.8 40.2



#64
Tetrachloroethene
Concen: 49.175 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion:164 Resp: 591634
Ion Ratio Lower Upper
164 100
166 130.7 97.8 146.6
129 95.3 73.0 109.4
131 92.5 68.6 103.0

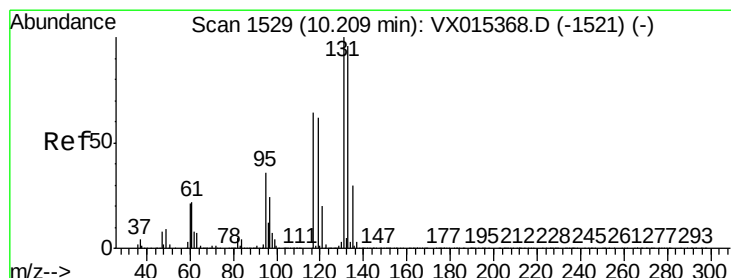
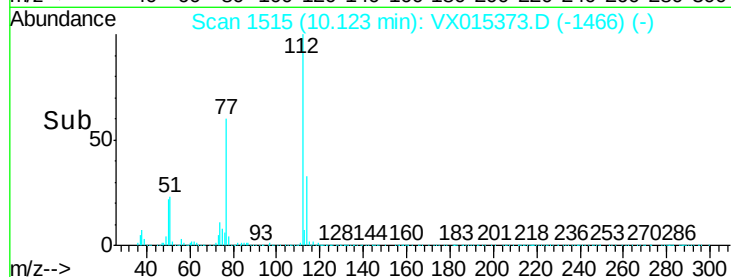
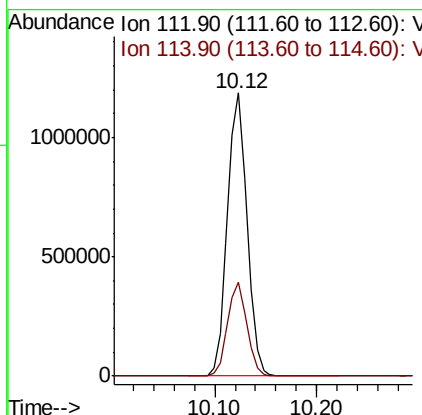
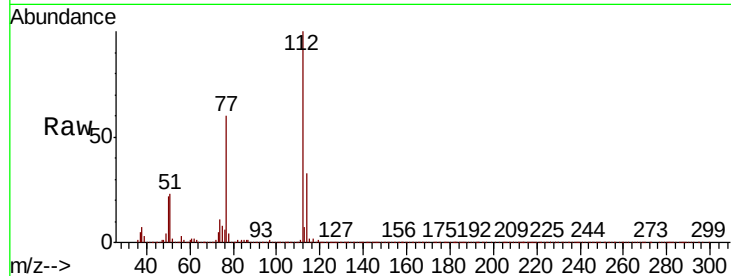




#65
Chlorobenzene
Concen: 49.519 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

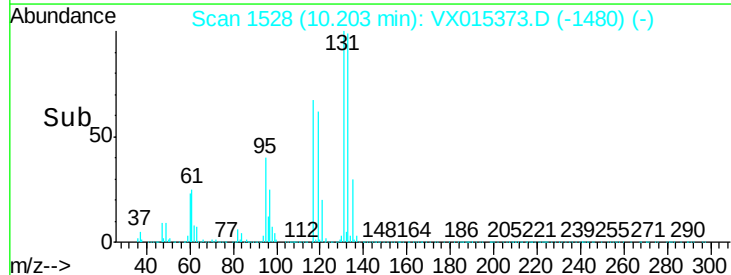
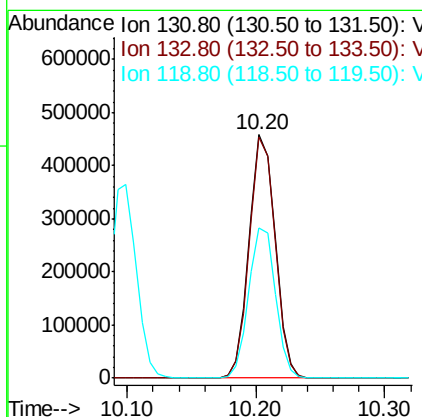
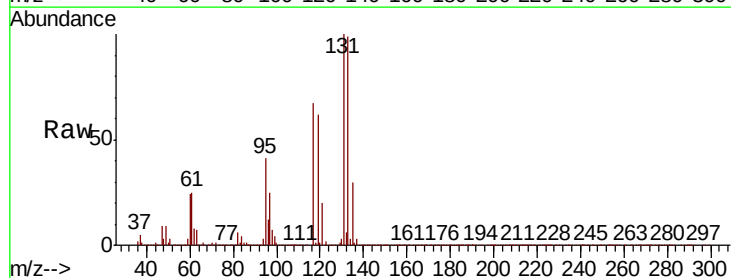
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

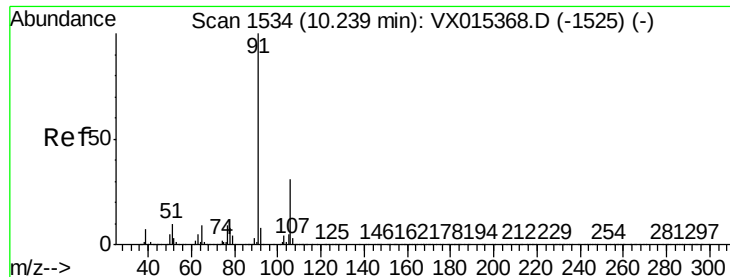
Tot Ion:112 Resp: 1574385
Ion Ratio Lower Upper
112 100
114 33.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.417 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion:131 Resp: 640384
Ion Ratio Lower Upper
131 100
133 97.4 47.6 142.9
119 63.2 31.1 93.3

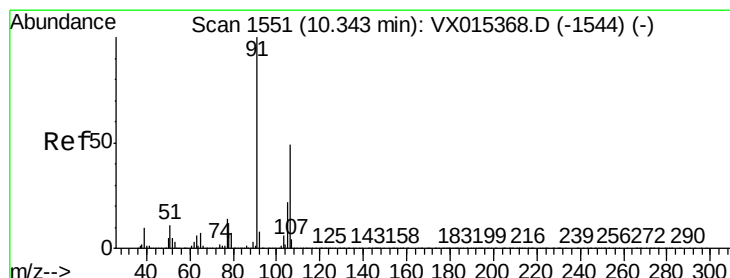
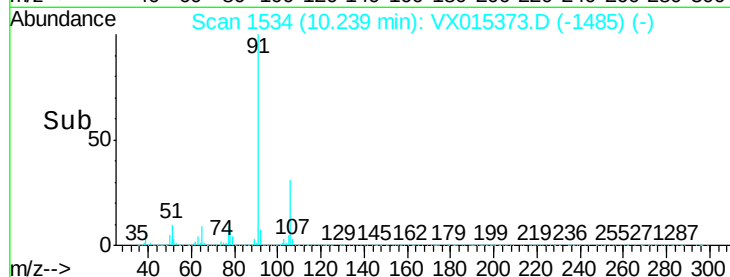
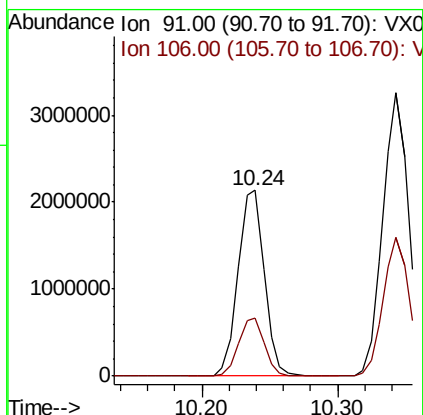
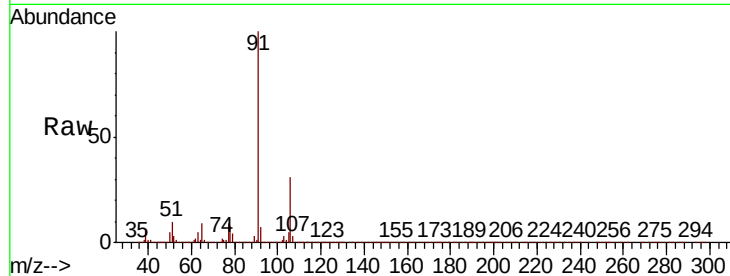




#67
Ethyl Benzene
Concen: 50.947 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

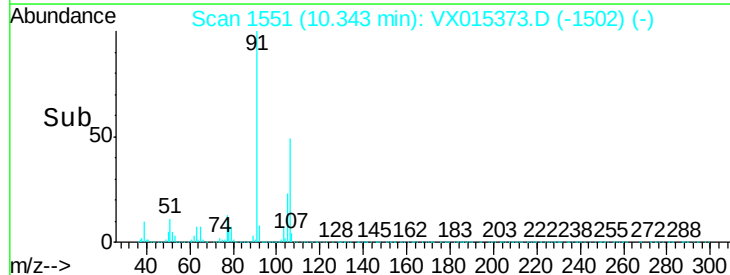
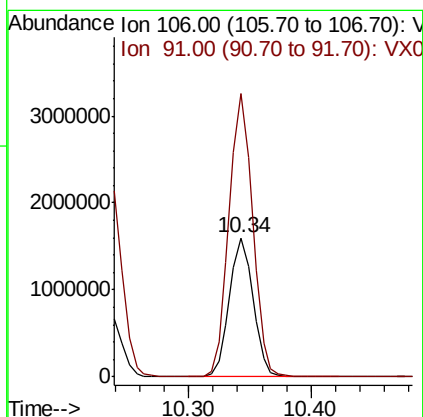
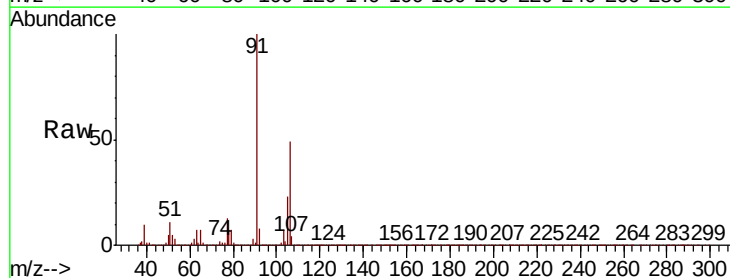
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

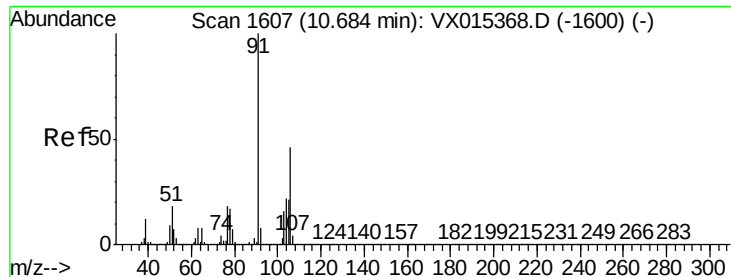
Tot Ion: 91 Resp: 2872827
Ion Ratio Lower Upper
91 100
106 31.5 24.8 37.2



#68
m/p-Xylenes
Concen: 102.328 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion: 106 Resp: 2148627
Ion Ratio Lower Upper
106 100
91 203.3 163.4 245.0

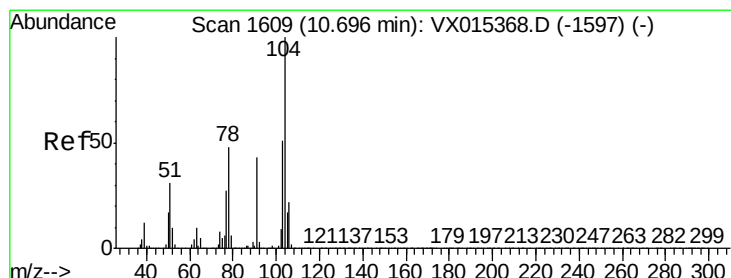
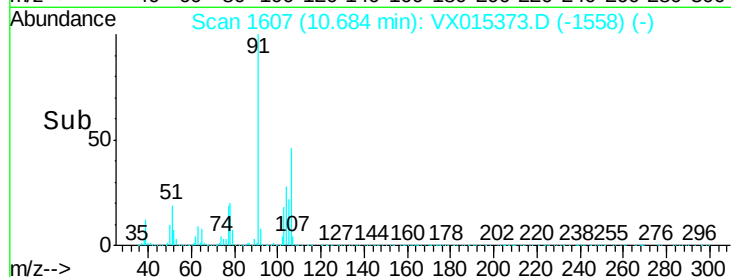
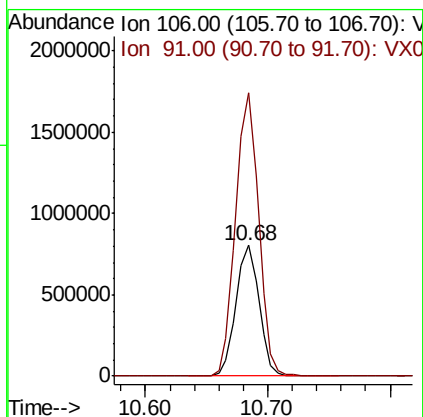
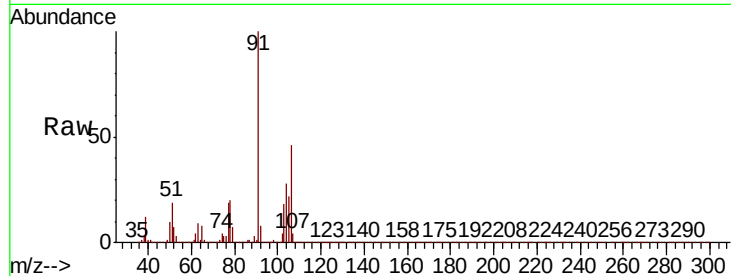




#69
o-Xylene
Concen: 50.367 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

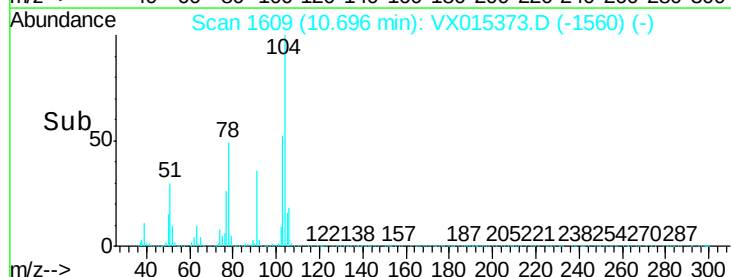
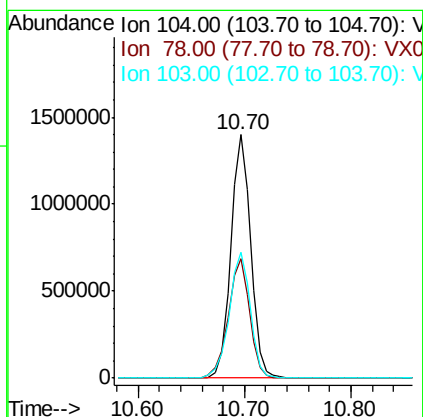
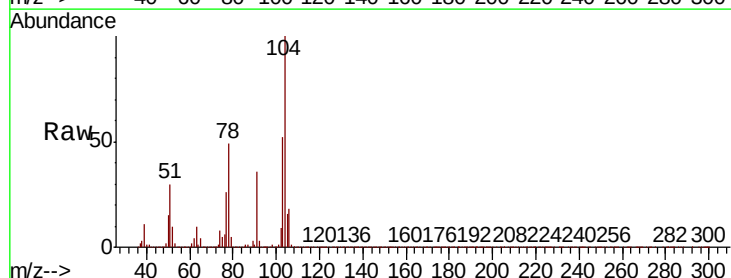
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

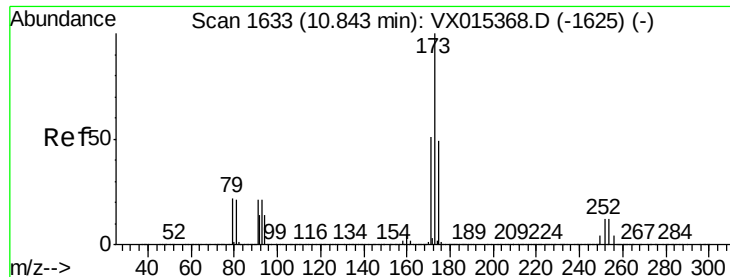
Tot Ion:106 Resp: 1045072
Ion Ratio Lower Upper
106 100
91 216.8 107.1 321.3



#70
Styrene
Concen: 49.974 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion:104 Resp: 1824610
Ion Ratio Lower Upper
104 100
78 53.2 42.0 63.0
103 55.2 43.4 65.0





#71

Bromoform

Concen: 49.531 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

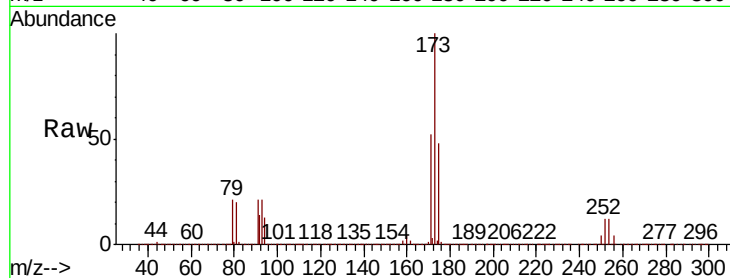
Tot Ion:173 Resp: 572719

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.7

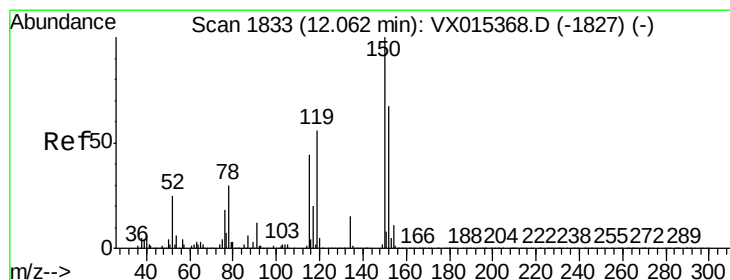
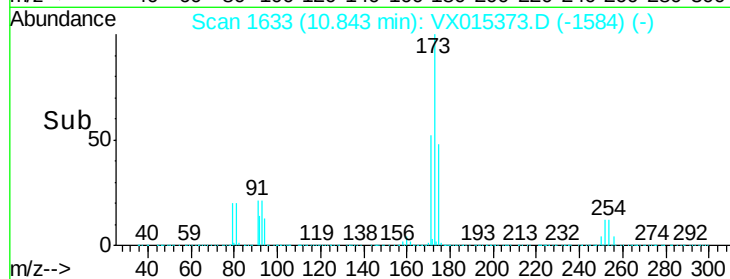
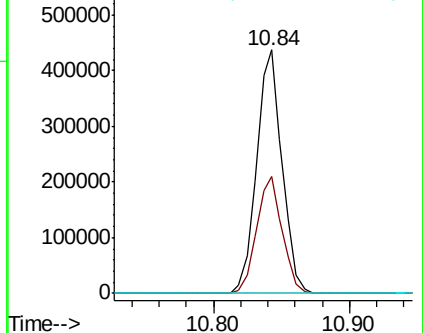
254 0.2 0.1 0.1#



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# 1833

Delta R.T. -0.00 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

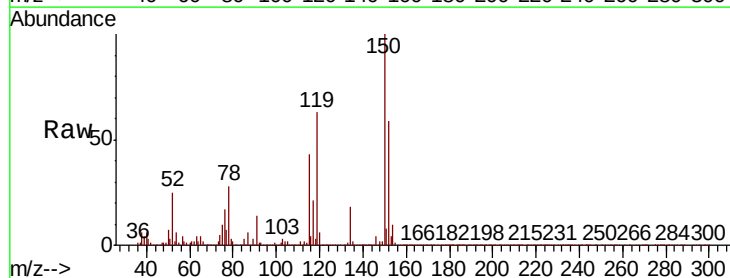
Tgt Ion:152 Resp: 814803

Ion Ratio Lower Upper

152 100

115 83.2 39.0 116.9

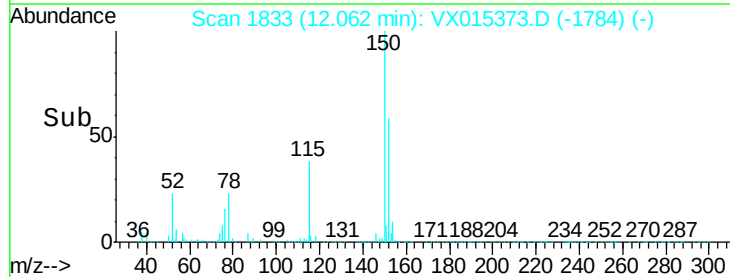
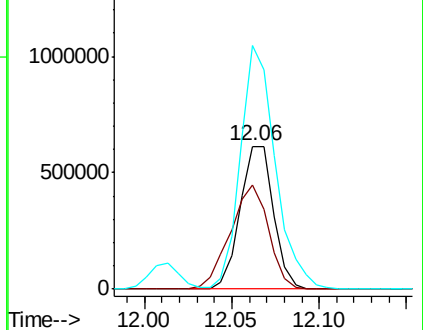
150 178.2 0.0 340.8

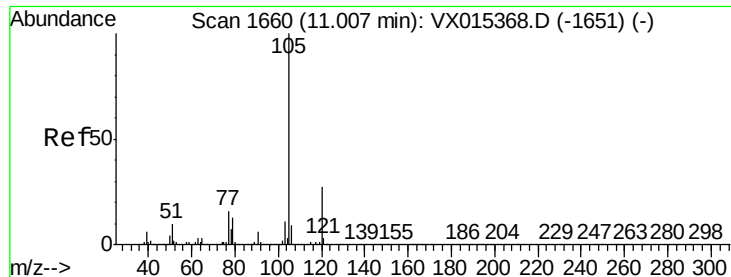


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.345 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

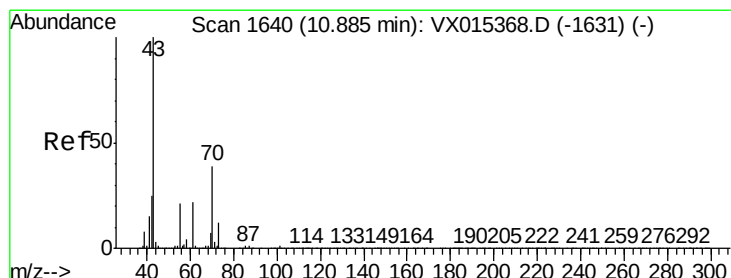
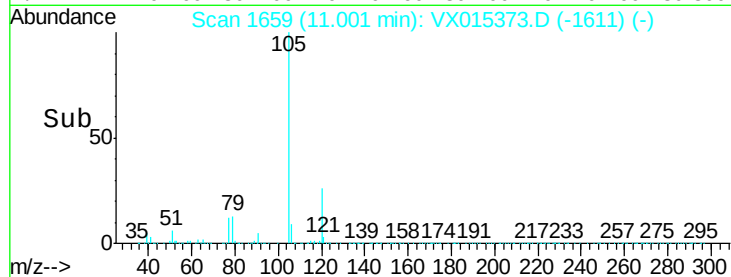
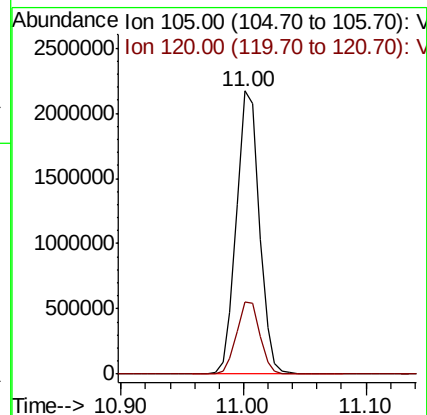
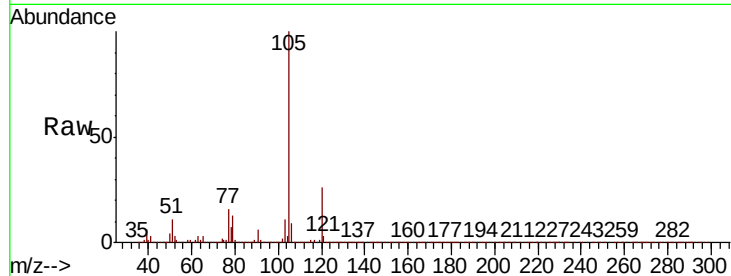
VSTDCCC050

Tot Ion:105 Resp: 2794582

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 51.074 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Tgt Ion: 43 Resp: 1516549

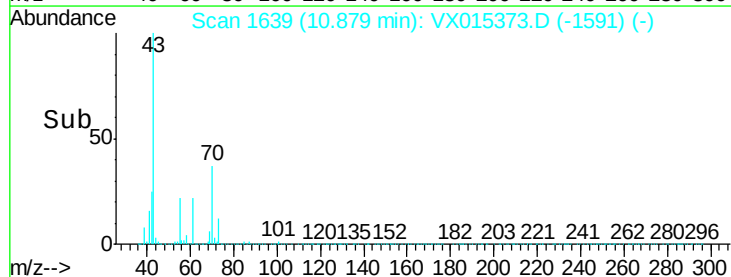
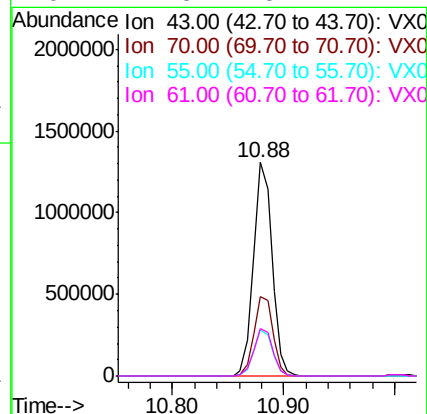
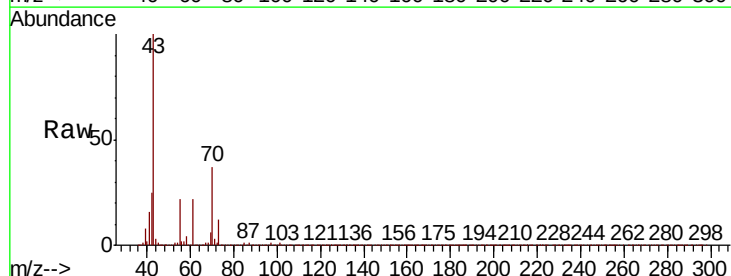
Ion Ratio Lower Upper

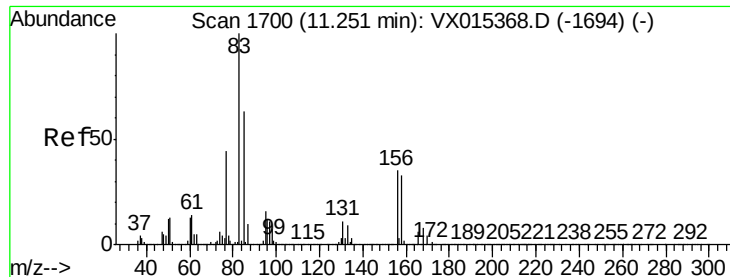
43 100

70 37.9 30.2 45.4

55 21.7 16.8 25.2

61 22.3 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.633 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

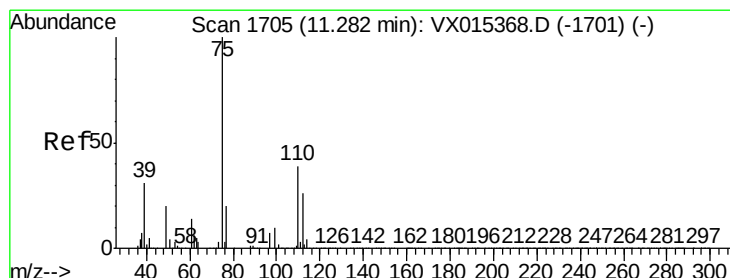
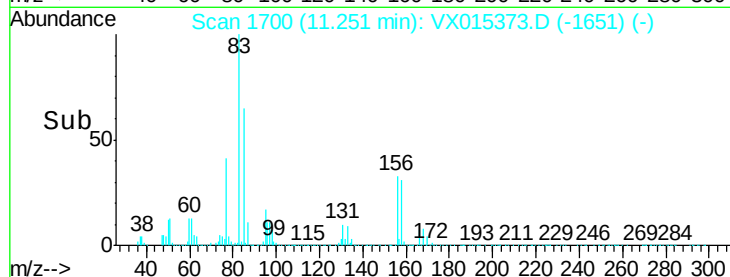
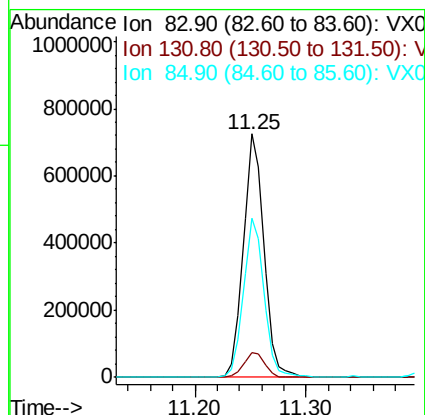
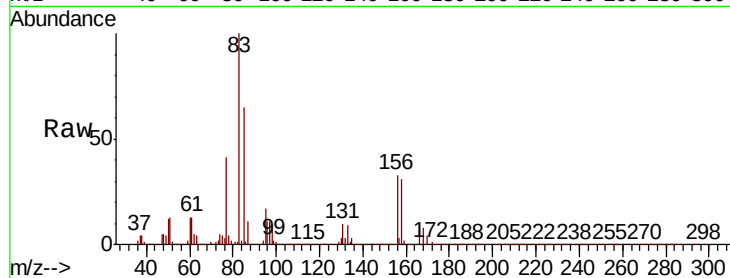
Tot Ion: 83 Resp: 927560

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

85 65.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 69.519 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015373.D

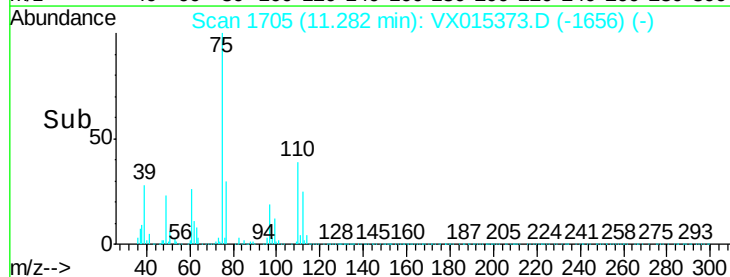
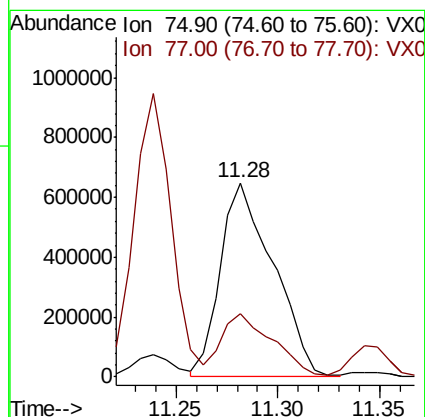
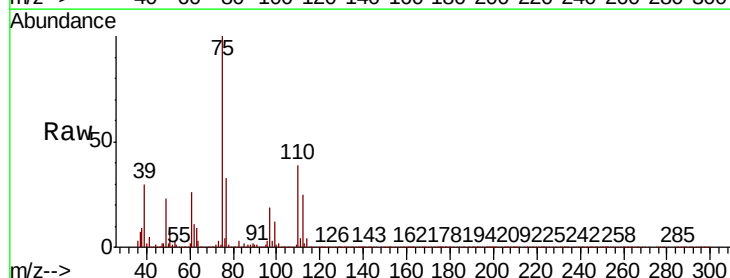
Acq: 27 Mar 2020 11:16

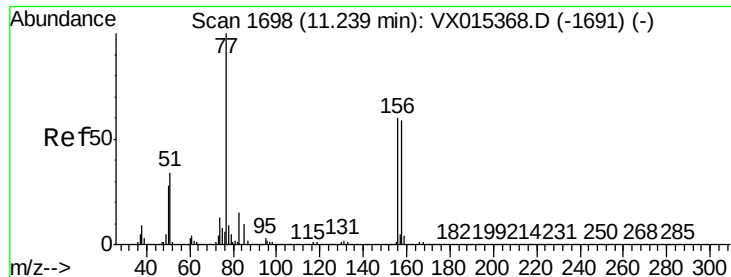
Tgt Ion: 75 Resp: 1164852

Ion Ratio Lower Upper

75 100

77 31.6 21.2 63.6





#77

Bromobenzene

Concen: 50.359 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

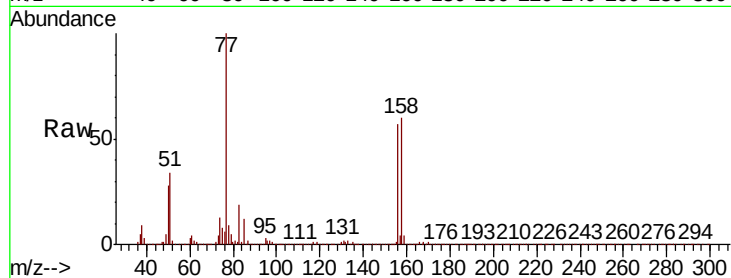
Tot Ion:156 Resp: 717140

Ion Ratio Lower Upper

156 100

77 168.0 82.2 246.5

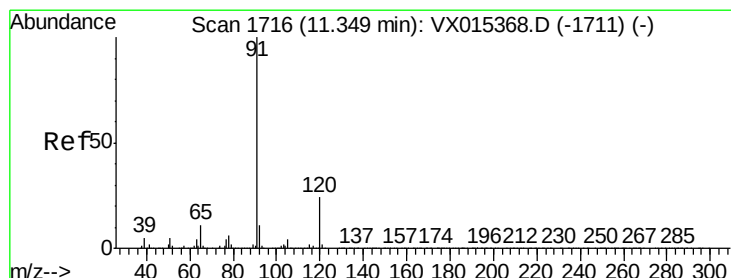
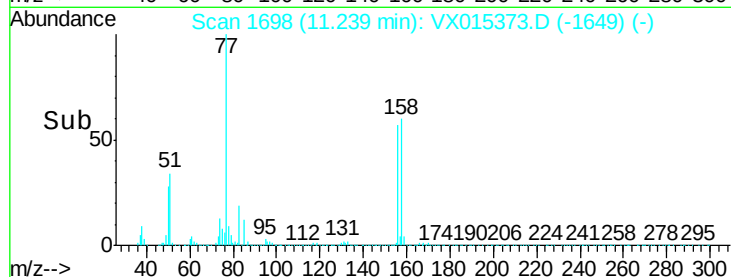
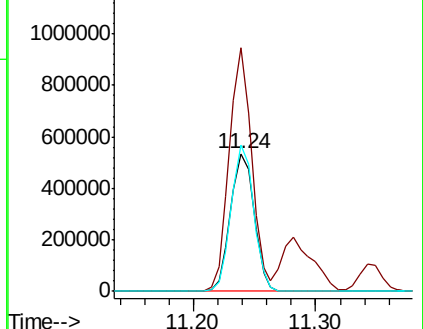
158 100.9 49.3 147.9



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: 52.953 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015373.D

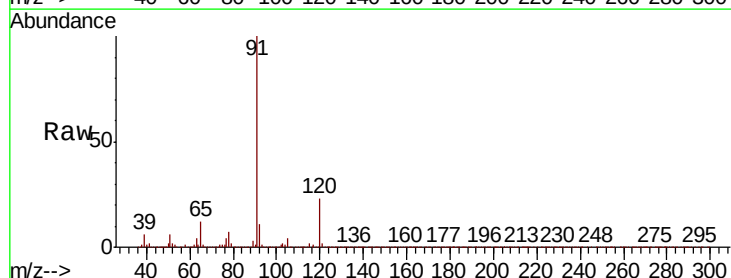
Acq: 27 Mar 2020 11:16

Tgt Ion: 91 Resp: 3232649

Ion Ratio Lower Upper

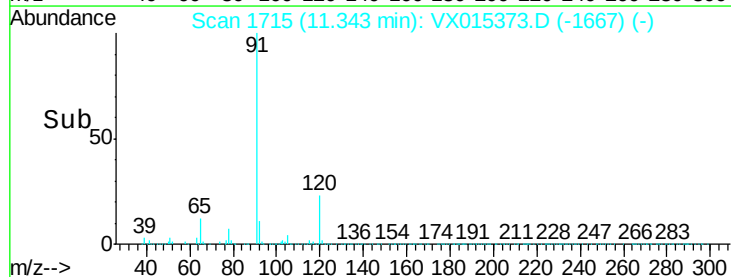
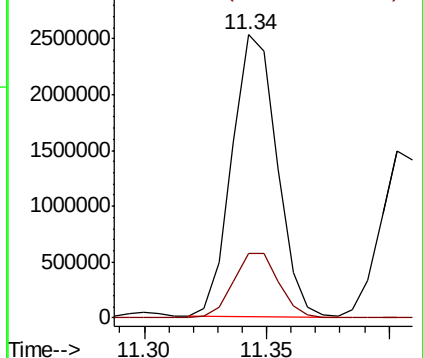
91 100

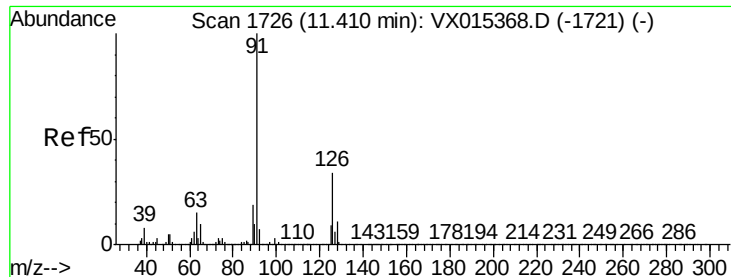
120 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.579 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

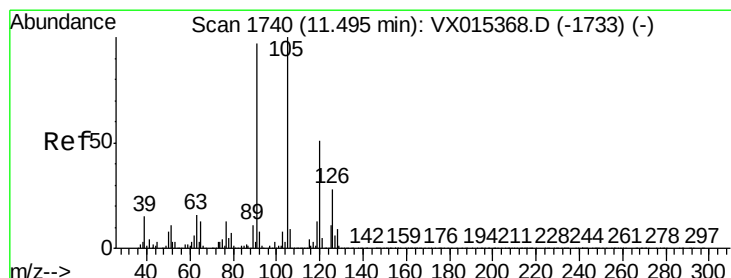
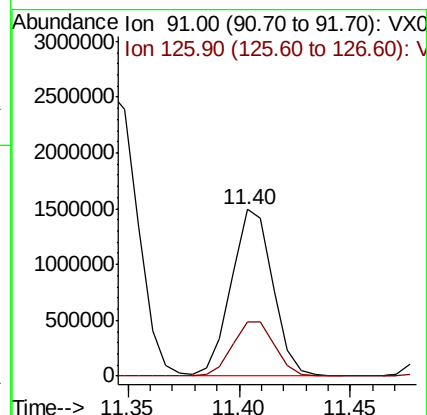
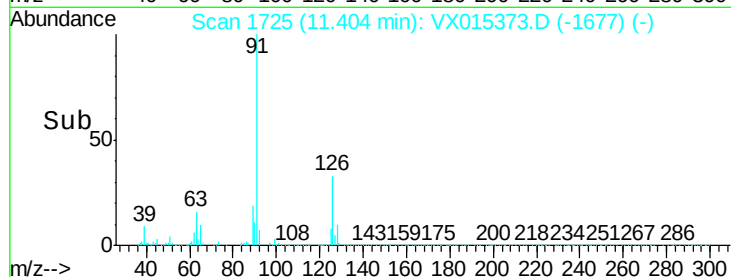
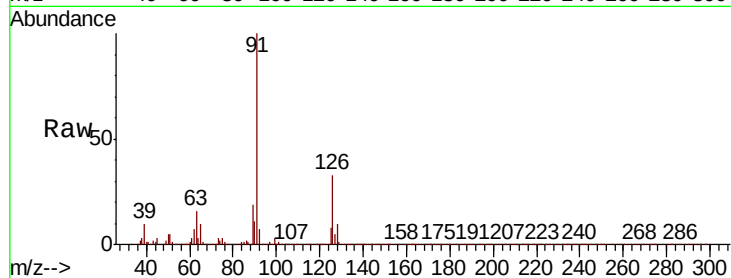
VSTDCCC050

Tot Ion: 91 Resp: 1929960

Ion Ratio Lower Upper

91 100

126 33.5 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 52.544 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015373.D

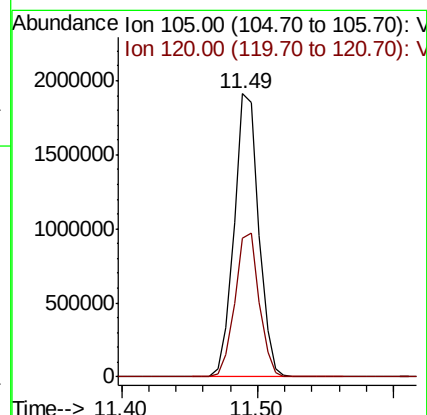
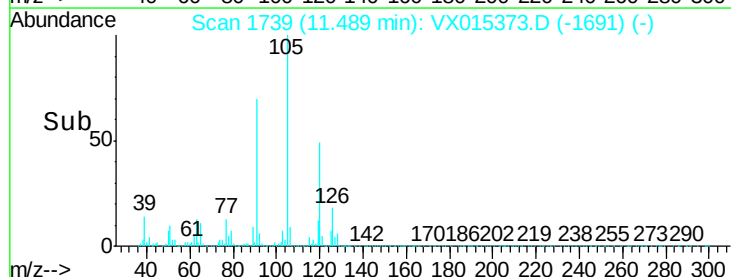
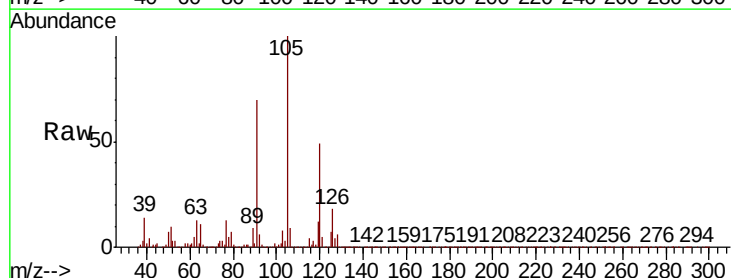
Acq: 27 Mar 2020 11:16

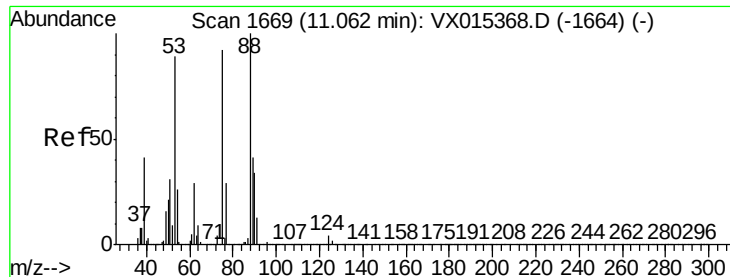
Tgt Ion: 105 Resp: 2395746

Ion Ratio Lower Upper

105 100

120 50.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 53.135 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

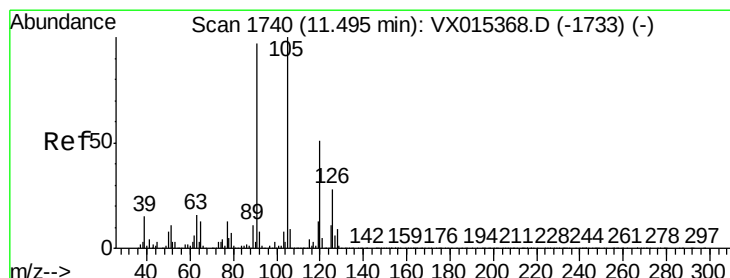
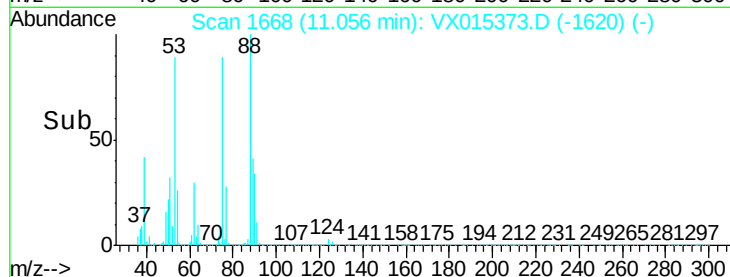
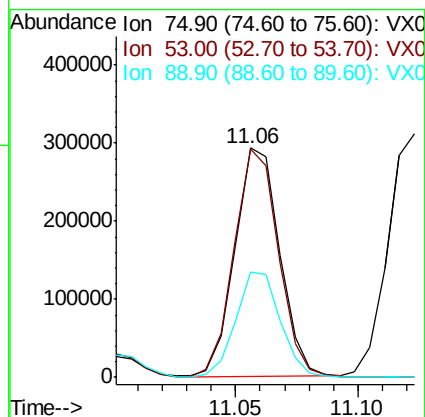
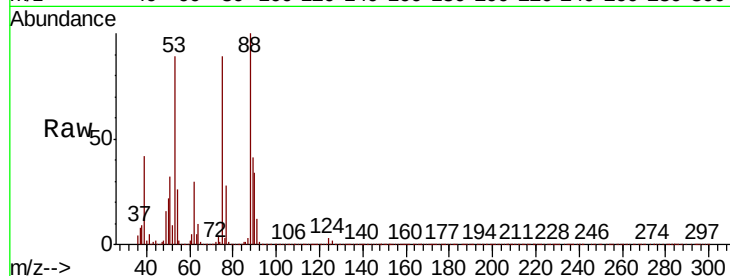
Tot Ion: 75 Resp: 371049

Ion Ratio Lower Upper

75 100

53 99.5 80.1 120.1

89 46.4 36.1 54.1



#82

4-Chlorotoluene

Concen: 52.231 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015373.D

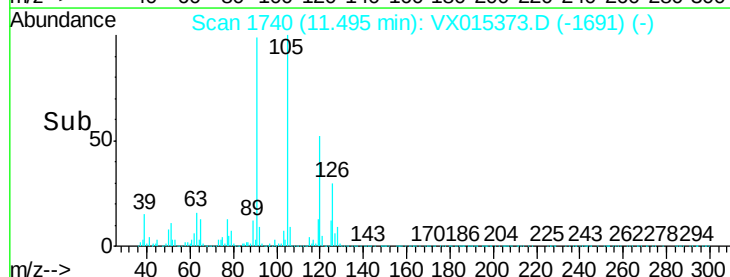
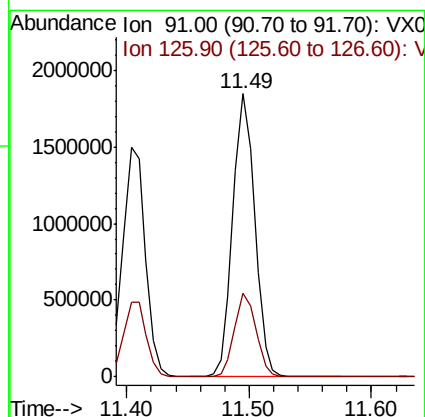
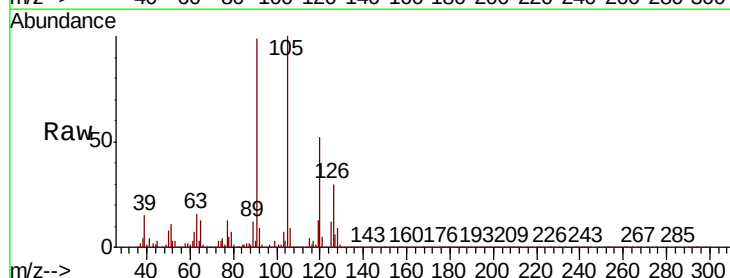
Acq: 27 Mar 2020 11:16

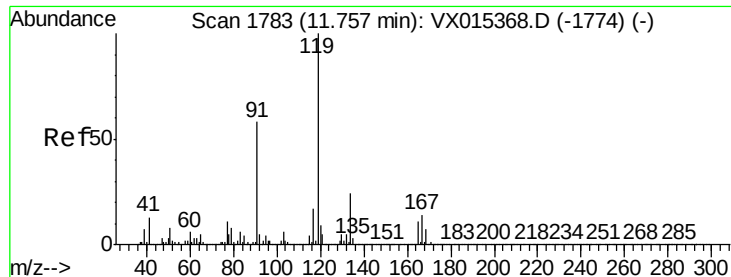
Tgt Ion: 91 Resp: 2291102

Ion Ratio Lower Upper

91 100

126 29.2 14.7 44.1

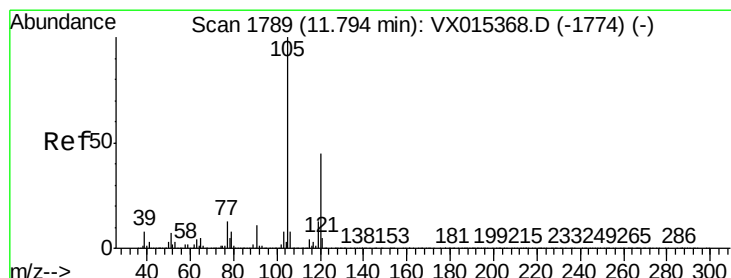
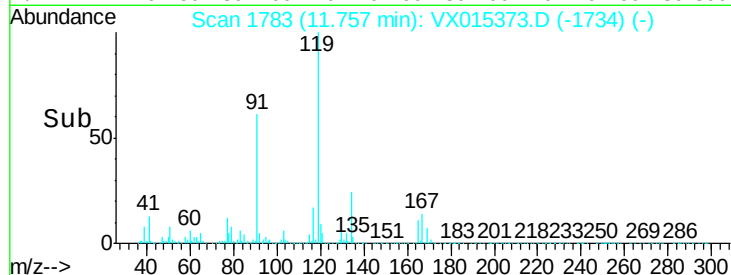
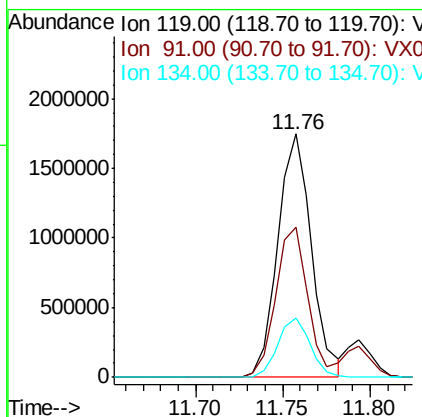
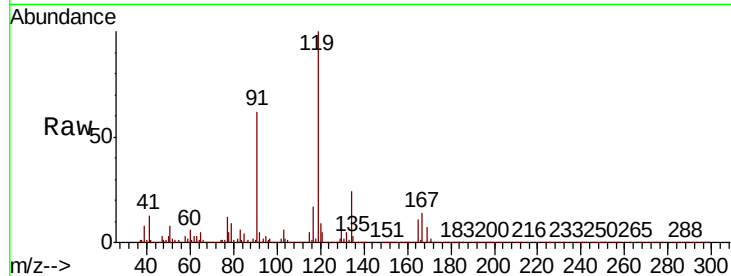




#83
tert-Butylbenzene
Concen: 52.553 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

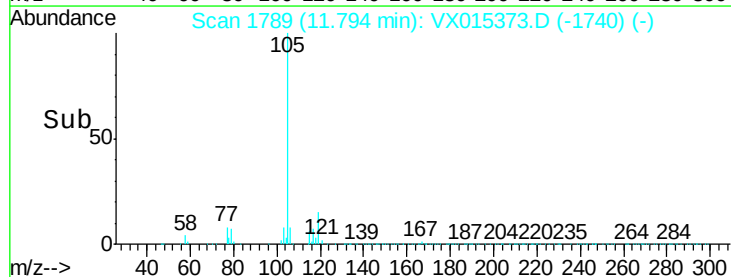
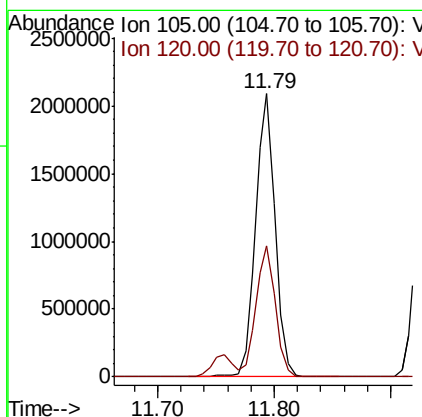
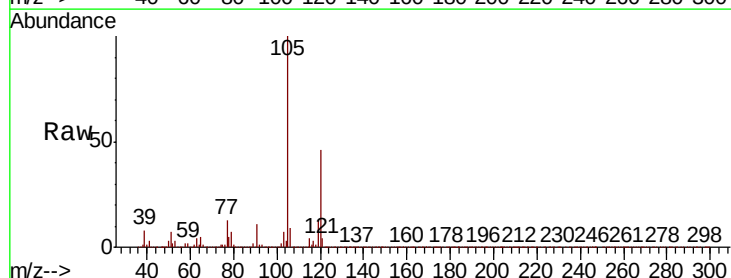
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

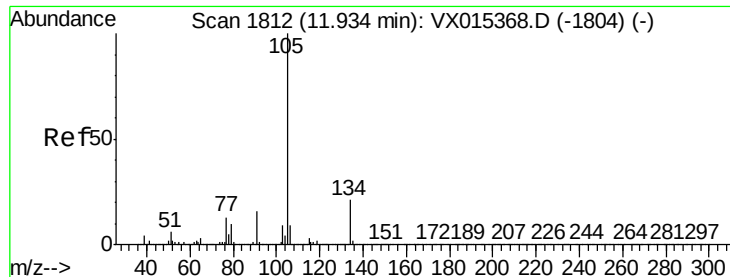
Tot Ion:119 Resp: 2340512
Ion Ratio Lower Upper
119 100
91 58.3 28.6 85.8
134 23.6 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 52.457 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion:105 Resp: 2437300
Ion Ratio Lower Upper
105 100
120 46.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 53.222 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

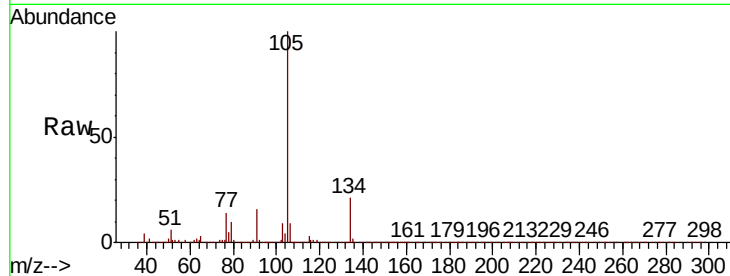
VSTDCCC050

Tot Ion:105 Resp: 2741331

Ion Ratio Lower Upper

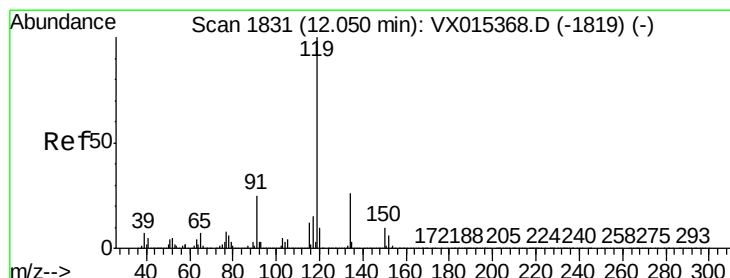
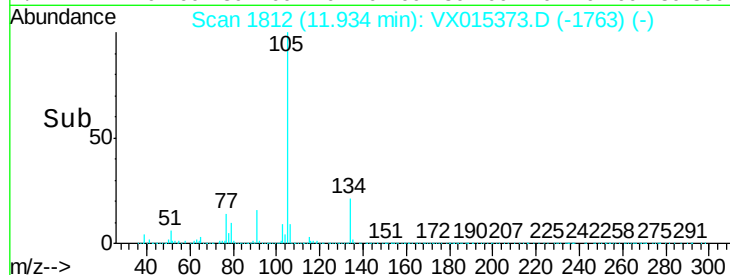
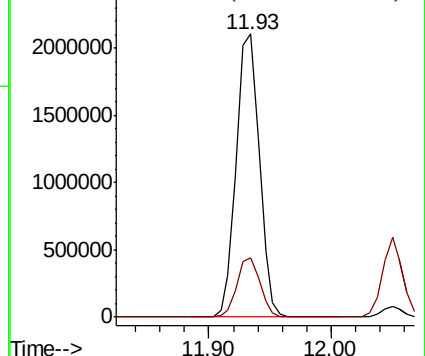
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.468 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015373.D

Acq: 27 Mar 2020 11:16

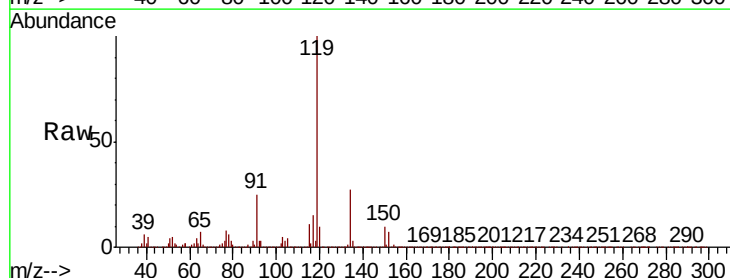
Tgt Ion:119 Resp: 2604501

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

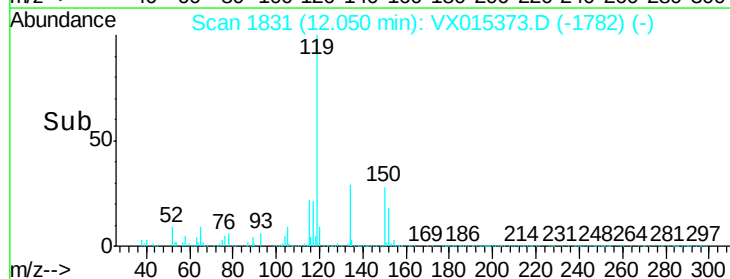
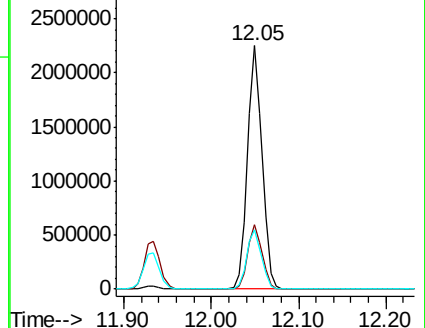
91 24.6 12.4 37.4

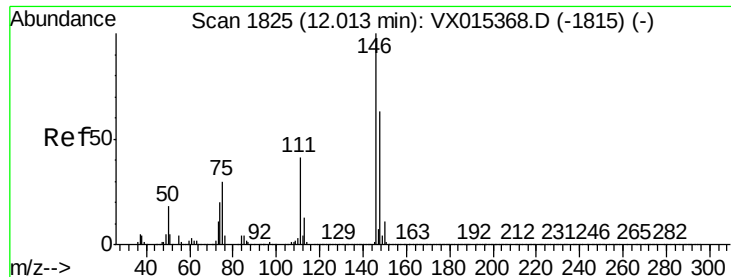


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

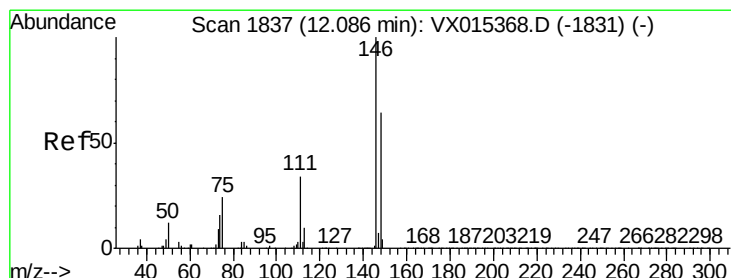
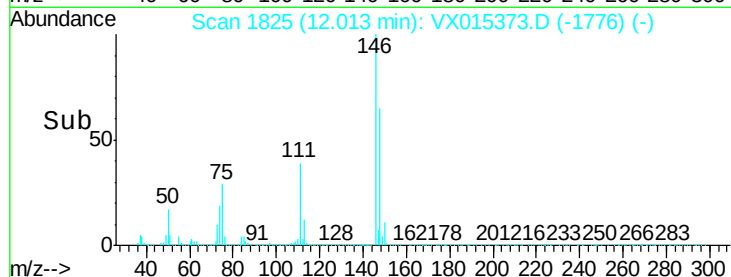
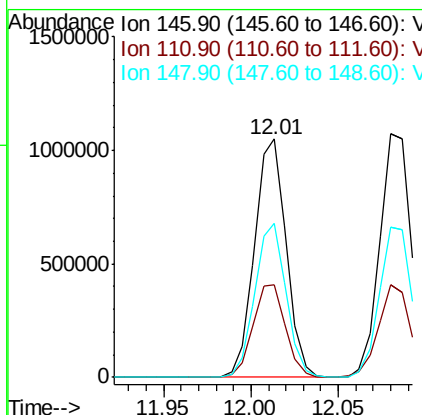
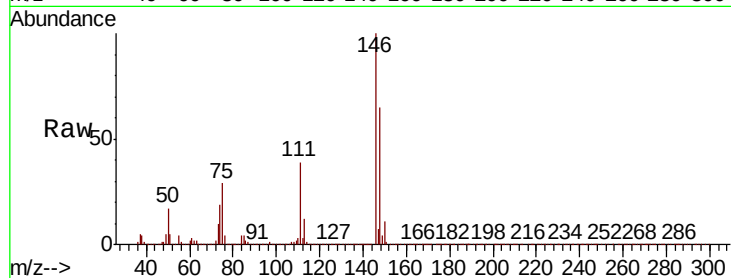




#87
 1,3-Dichlorobenzene
 Concen: 52.166 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

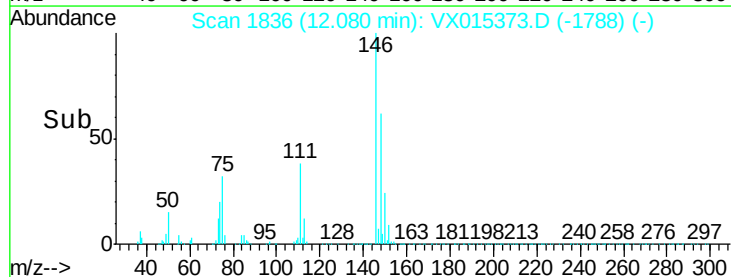
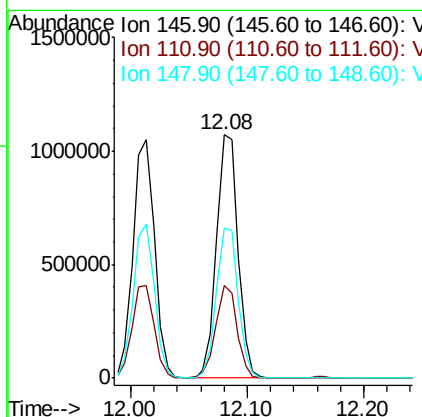
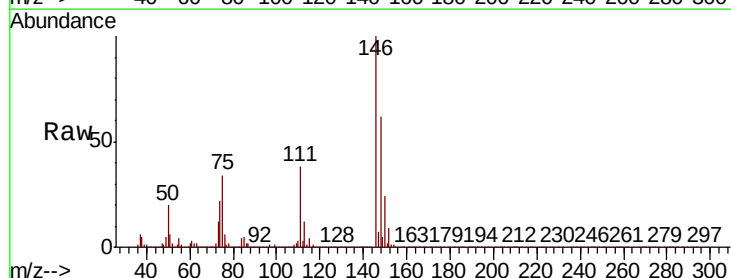
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

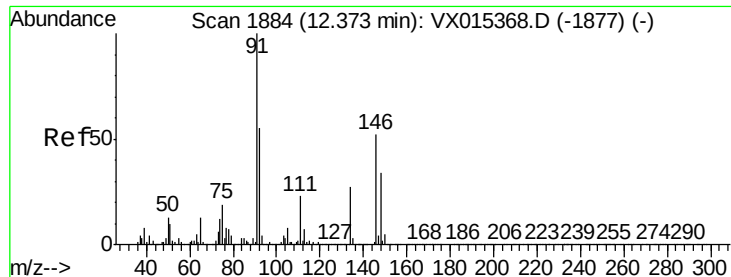
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	64.1	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 52.291 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.5
148	62.6	32.4	97.2

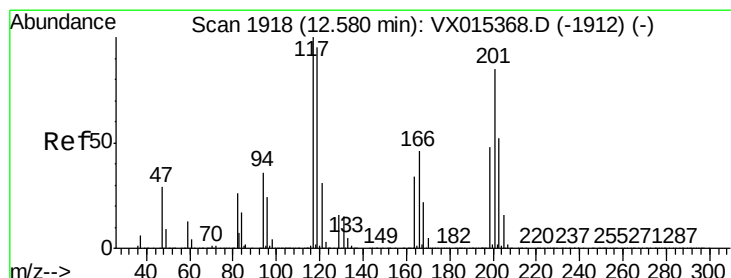
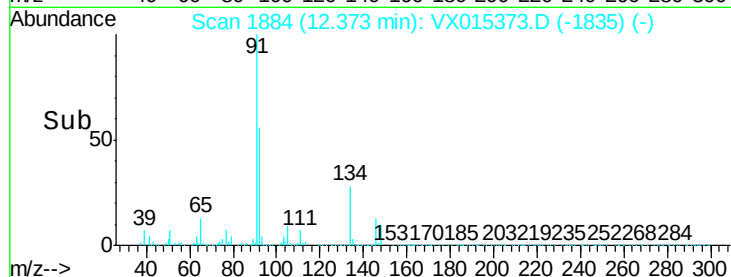
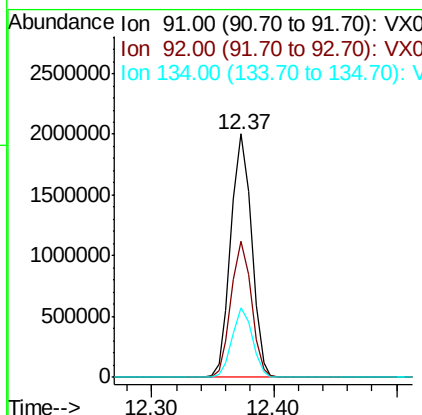
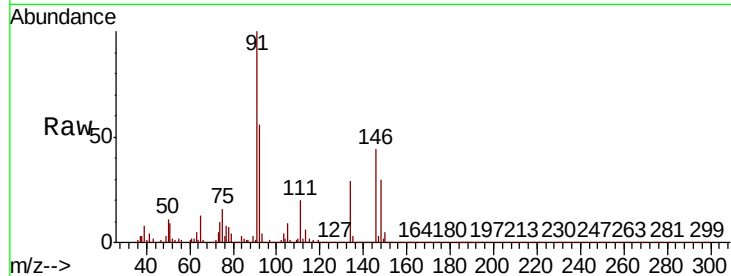




#89
n-Butylbenzene
Concen: 54.185 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

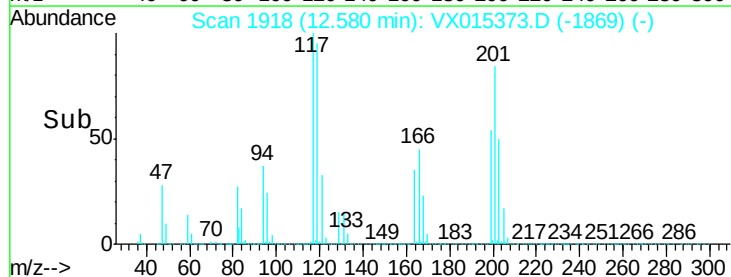
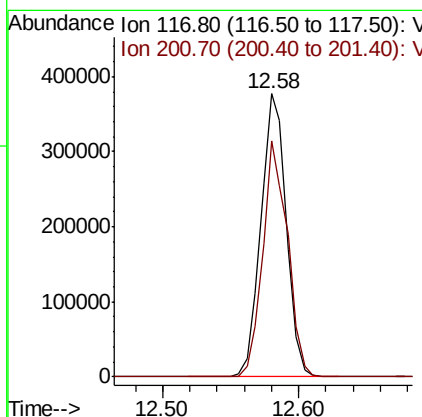
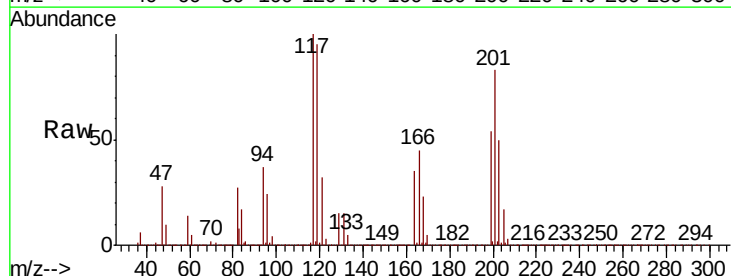
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

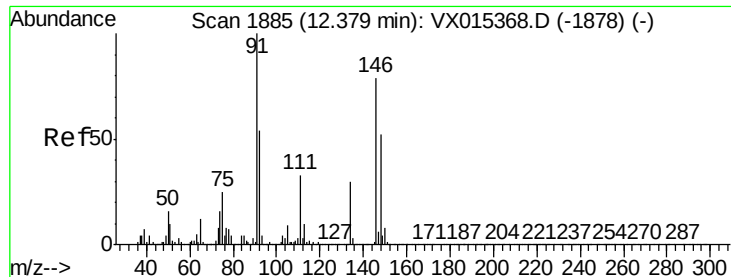
Tot Ion: 91 Resp: 2341392
Ion Ratio Lower Upper
91 100
92 55.5 27.2 81.5
134 27.9 13.4 40.2



#90
Hexachloroethane
Concen: 52.978 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion: 117 Resp: 493069
Ion Ratio Lower Upper
117 100
201 81.9 42.6 128.0

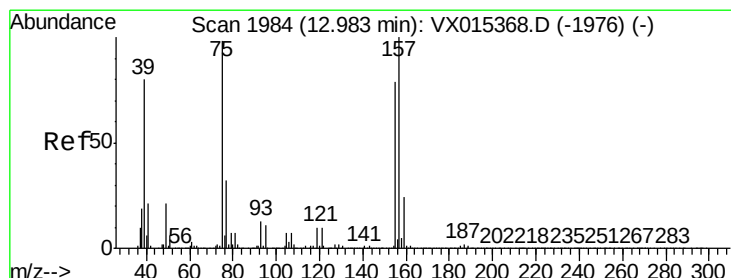
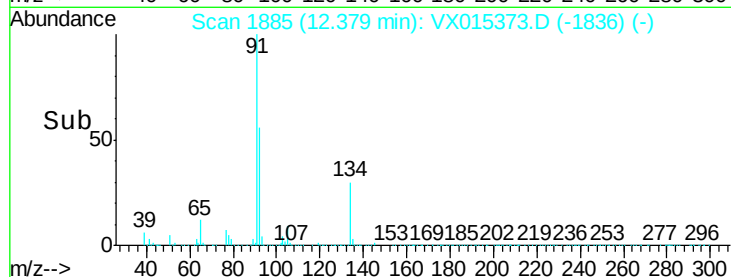
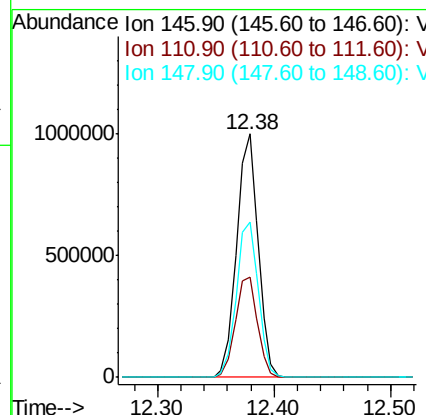
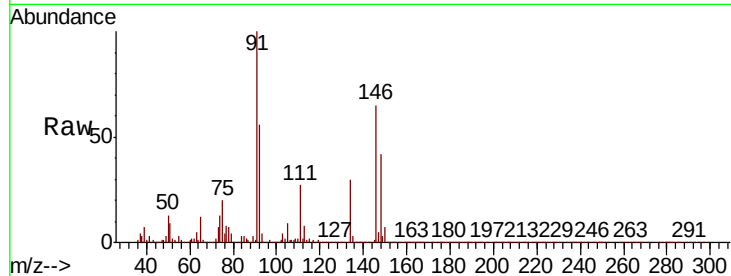




#91
1,2-Dichlorobenzene
Concen: 51.445 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

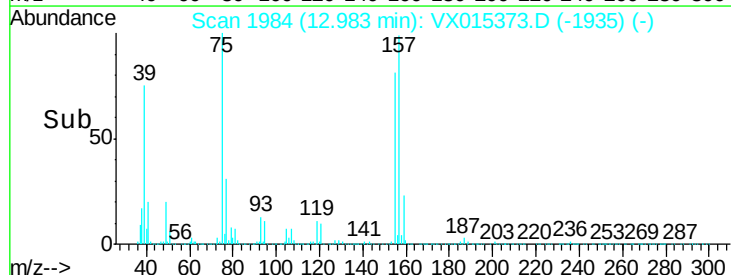
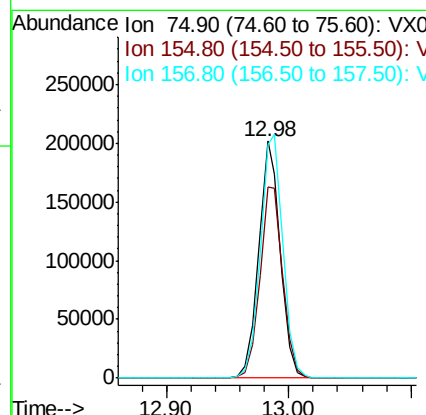
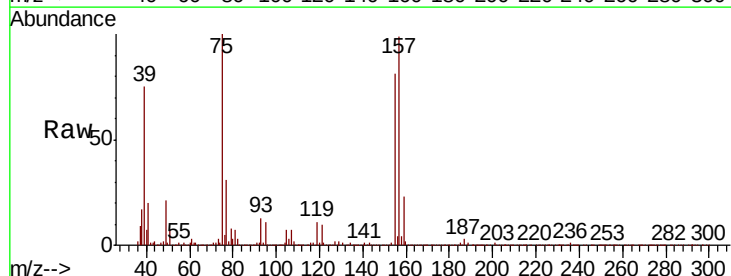
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

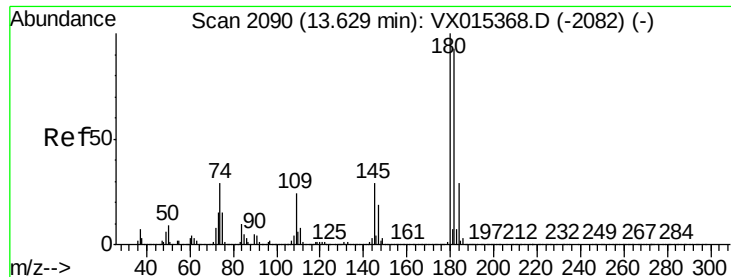
Tot Ion:146 Resp: 1283473
Ion Ratio Lower Upper
146 100
111 42.5 21.0 63.0
148 65.1 32.4 97.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.000 ug/l
RT: 12.98 min Scan# 1984
Delta R.T. -0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion: 75 Resp: 248184
Ion Ratio Lower Upper
75 100
155 85.7 42.8 128.4
157 107.5 53.4 160.3

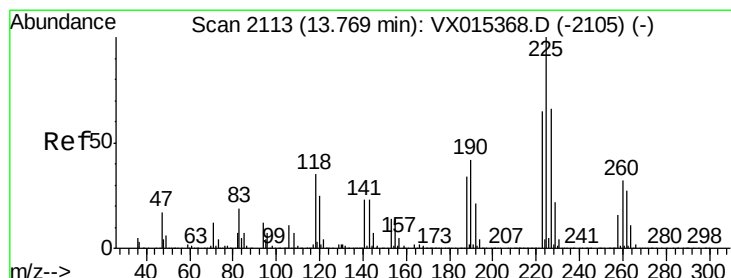
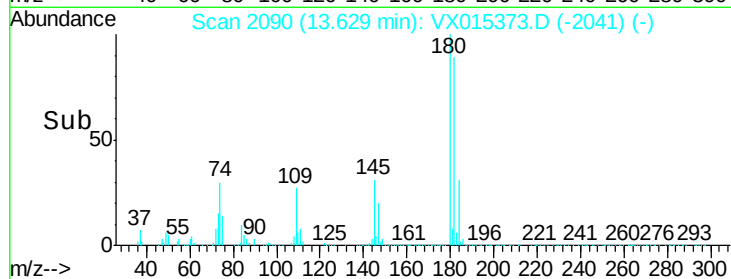
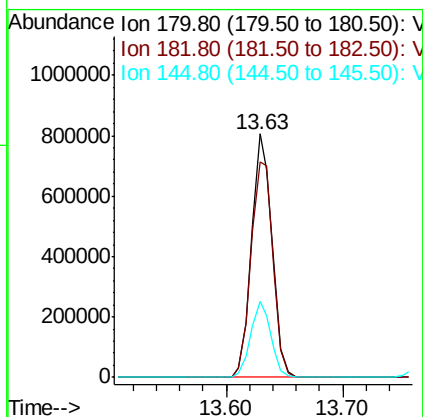
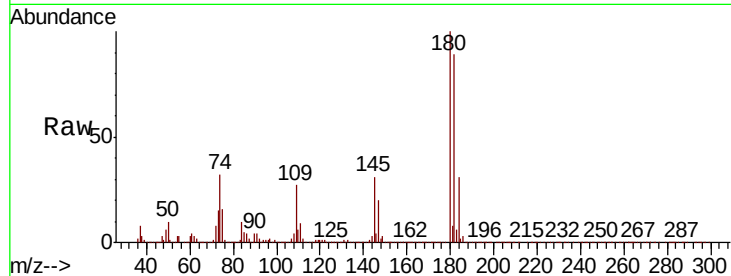




#93
 1,2,4-Trichlorobenzene
 Concen: 49.872 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

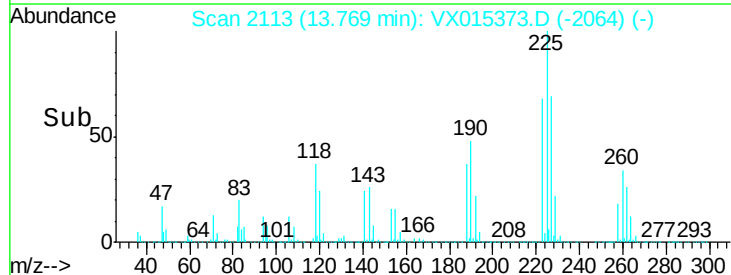
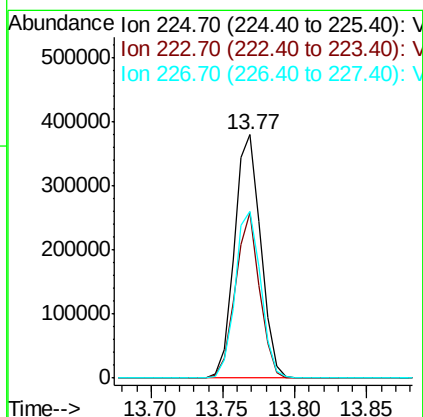
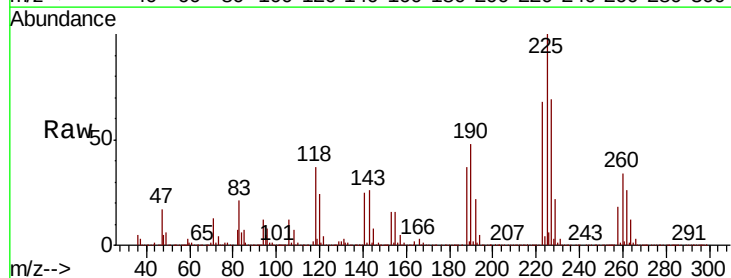
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

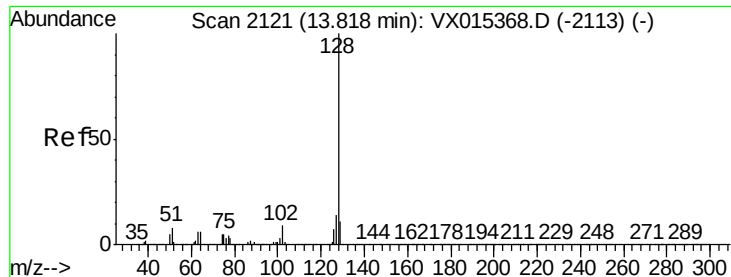
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.9	140.7
145	31.0	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 51.585 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015373.D
 Acq: 27 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.9	95.7
227	67.1	30.4	91.3

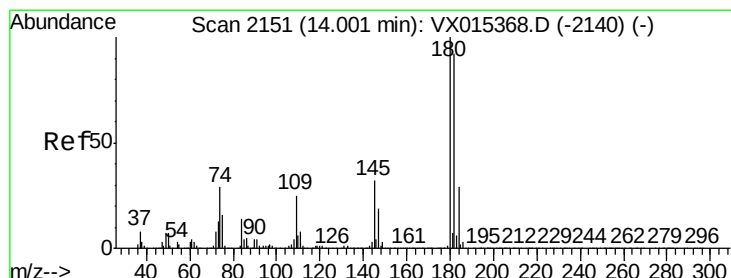
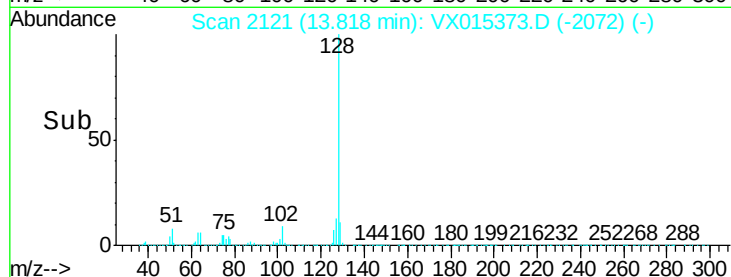
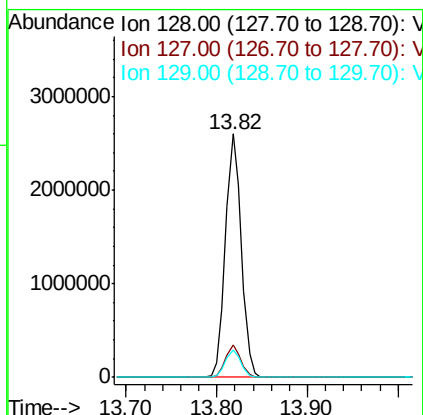
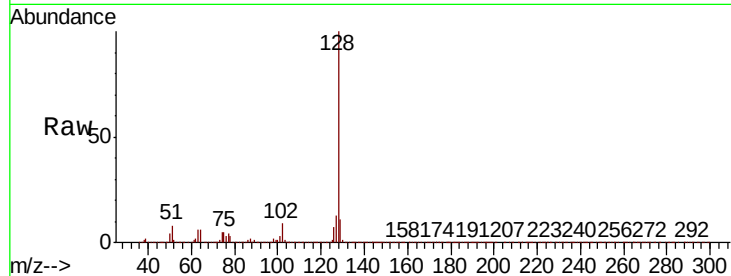




#95
Naphthalene
Concen: 52.391 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 3153710
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.443 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015373.D
Acq: 27 Mar 2020 11:16

Tgt Ion:180 Resp: 1015424
Ion Ratio Lower Upper
180 100
182 95.0 46.7 140.0
145 31.5 15.8 47.3

