

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015421.D
 Acq On : 28 Mar 2020 07:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 30 01:55:48 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	5.64	168	1067483	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.84	114	1712285	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1568825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	856828	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	704090	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	
35) Dibromofluoromethane	5.47	113	508106	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	
50) Toluene-d8	8.70	98	1920957	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.12	95	790603	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	516213	54.889	ug/l	98
3) Chloromethane	1.31	50	589745	49.240	ug/l	98
4) Vinyl Chloride	1.39	62	549105	49.930	ug/l	98
5) Bromomethane	1.62	94	289735	58.534	ug/l	93
6) Chloroethane	1.71	64	331540	48.609	ug/l	100
7) Trichlorofluoromethane	1.91	101	776244	52.632	ug/l	99
8) Diethyl Ether	2.17	74	291079	46.792	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	503513	52.370	ug/l	97
10) Methyl Iodide	2.49	142	537785	41.487	ug/l	99
11) Tert butyl alcohol	3.01	59	763285	211.808	ug/l	99
12) 1,1-Dichloroethene	2.36	96	522870	51.881	ug/l	95
13) Acrolein	2.27	56	432515	210.695	ug/l	100
14) Allyl chloride	2.71	41	1137803	48.317	ug/l	99
15) Acrylonitrile	3.12	53	1722235	250.600	ug/l	100
16) Acetone	2.42	43	1568557	242.500	ug/l	99
17) Carbon Disulfide	2.55	76	1554922	50.576	ug/l	99
18) Methyl Acetate	2.75	43	819960	49.668	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1947218	49.817	ug/l	99
20) Methylene Chloride	2.84	84	584775	48.401	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	553668	49.502	ug/l	94
22) Diisopropyl ether	3.83	45	2113017	50.638	ug/l	89
23) Vinyl Acetate	3.79	43	9484294	251.037	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1090874	49.652	ug/l	99
25) 2-Butanone	4.64	43	2510511	241.341	ug/l	98
26) 2,2-Dichloropropane	4.56	77	627948	34.821	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	640495	49.496	ug/l	99
28) Bromochloromethane	4.98	49	532717	50.785	ug/l	98
29) Tetrahydrofuran	5.09	42	1626792	243.263	ug/l	100
30) Chloroform	5.18	83	1059841	50.141	ug/l	96
31) Cyclohexane	5.56	56	1004680	52.714	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	967268	50.565	ug/l	99
36) 1,1-Dichloropropene	5.78	75	805667	51.067	ug/l	100
37) Ethyl Acetate	4.80	43	1003940	48.871	ug/l	100
38) Carbon Tetrachloride	5.76	117	864226	50.575	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	939654	51.656	ug/l	98
40) Benzene	6.12	78	2316498	50.125	ug/l	98
41) Methacrylonitrile	5.01	41	576693	50.571	ug/l	100
42) 1,2-Dichloroethane	6.17	62	919643	49.541	ug/l	100
43) Isopropyl Acetate	6.42	43	1721269	49.636	ug/l	99
44) Trichloroethene	7.19	130	627339	49.773	ug/l	100
45) 1,2-Dichloropropane	7.50	63	628277	49.696	ug/l	99
46) Dibromomethane	7.64	93	408352	49.240	ug/l	99
47) Bromodichloromethane	7.88	83	876026	49.574	ug/l	100
48) Methyl methacrylate	7.75	41	855723	49.403	ug/l	99
49) 1,4-Dioxane	7.72	88	278176	860.887	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4894260	249.038	ug/l	100
52) Toluene	8.77	92	1452092	50.964	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	953984	46.031	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	999173	47.328	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	578049	49.518	ug/l	99
56) Ethyl methacrylate	9.16	69	1034707	50.294	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1019922	48.494	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2462863	246.118	ug/l	99
59) 2-Hexanone	9.48	43	3732172	251.539	ug/l	100
60) Dibromochloromethane	9.57	129	697297	49.710	ug/l	100
61) 1,2-Dibromoethane	9.65	107	617194	48.624	ug/l	97
64) Tetrachloroethene	9.32	164	592908	50.079	ug/l	98
65) Chlorobenzene	10.12	112	1569158	50.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	612895	49.034	ug/l	99
67) Ethyl Benzene	10.24	91	2802137	50.498	ug/l	99
68) m/p-Xylenes	10.34	106	2103512	101.802	ug/l	99
69) o-Xylene	10.68	106	1032806	50.582	ug/l	98
70) Styrene	10.70	104	1789796	49.814	ug/l	100
71) Bromoform	10.84	173	517763	45.503	ug/l #	95
73) Isopropylbenzene	11.00	105	2731629	48.656	ug/l	100
74) N-amyl acetate	10.88	43	1540624	49.340	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	893273	46.370	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1078236	61.194	ug/l	83
77) Bromobenzene	11.24	156	693891	46.337	ug/l	97
78) n-propylbenzene	11.35	91	3170548	49.389	ug/l	99
79) 2-Chlorotoluene	11.40	91	1892679	48.102	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2358631	49.193	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	303591	41.342	ug/l	100
82) 4-Chlorotoluene	11.50	91	2219777	48.123	ug/l	100
83) tert-Butylbenzene	11.76	119	2265692	48.378	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	2390602	48.928	ug/l	99
85) sec-Butylbenzene	11.93	105	2616570	48.308	ug/l	100
86) p-Isopropyltoluene	12.05	119	2448978	48.703	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1252329	46.715	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1295261	47.434	ug/l	97
89) n-Butylbenzene	12.37	91	2235971	49.207	ug/l	99
90) Hexachloroethane	12.58	117	465754	47.589	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1231208	46.929	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	237064	43.601	ug/l	96

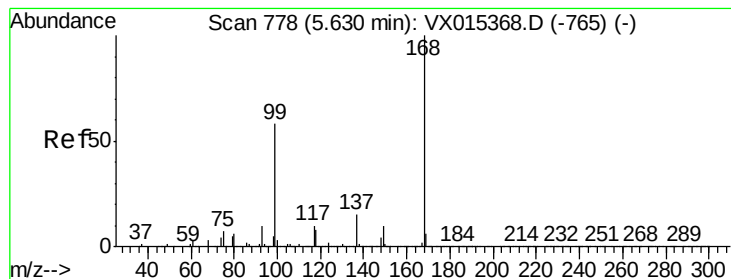
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	952876	45.917	ug/l	99
94) Hexachlorobutadiene	13.77	225	373585	37.811	ug/l	94
95) Naphthalene	13.82	128	2986967	47.187	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	964512	48.274	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. 0.01 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

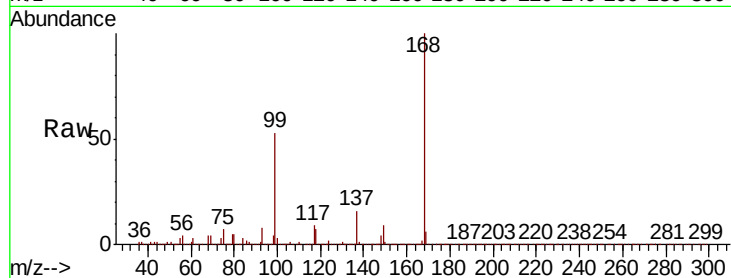
VSTDCCC050EC

Tot Ion:168 Resp: 1067483

Ion Ratio Lower Upper

168 100

99 52.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

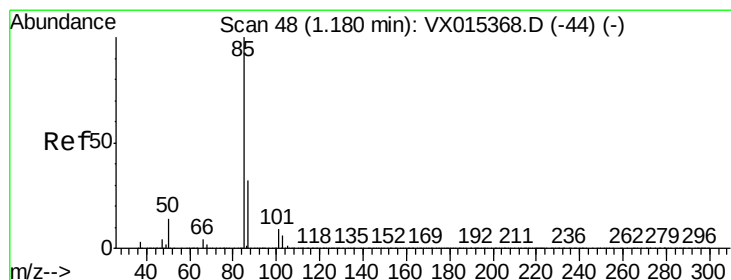
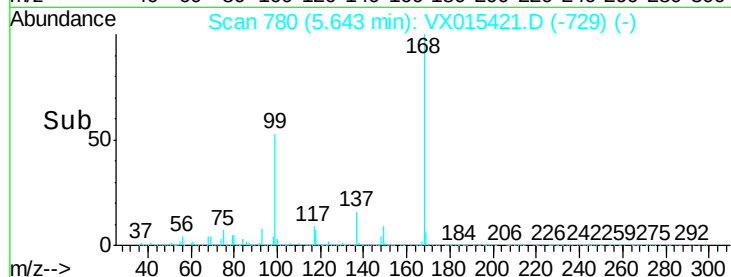
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.889 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015421.D

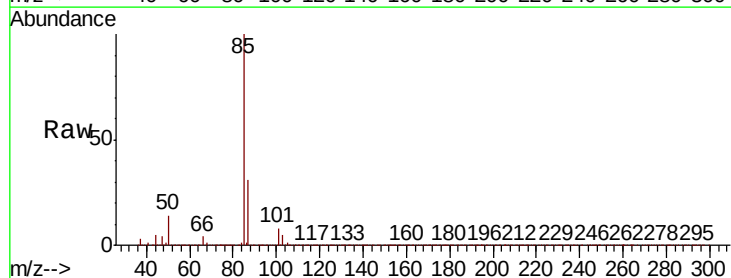
Acq: 28 Mar 2020 07:41

Tgt Ion: 85 Resp: 516213

Ion Ratio Lower Upper

85 100

87 30.9 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

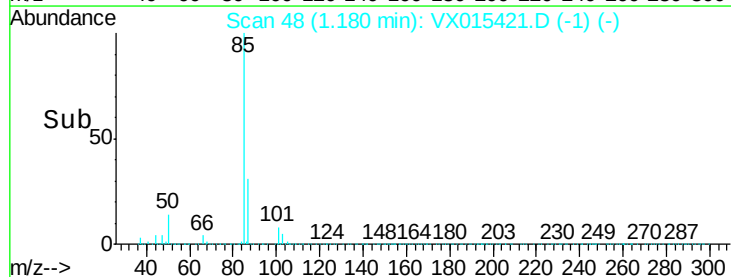
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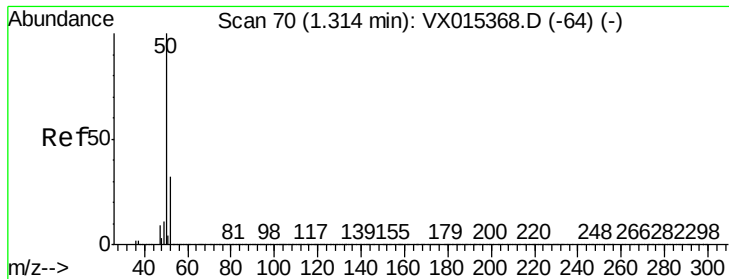
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100000

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Time-->

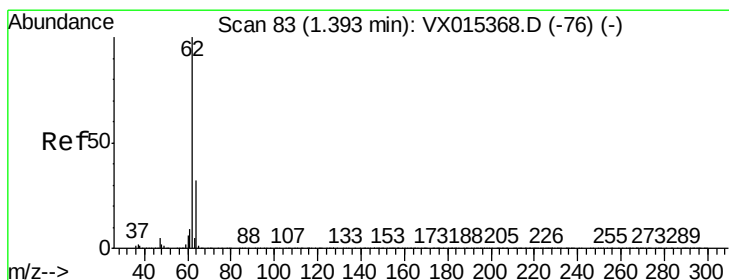
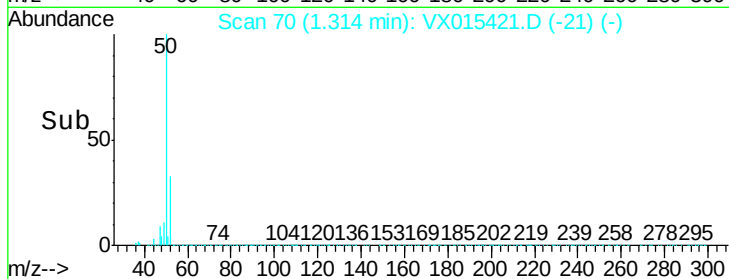
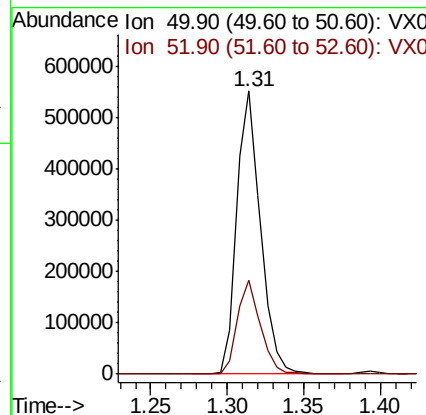
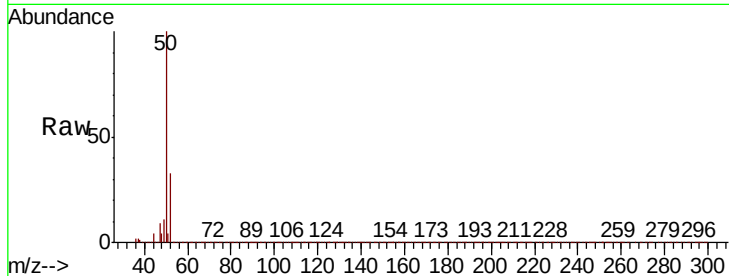




#3
Chloromethane
Concen: 49.240 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

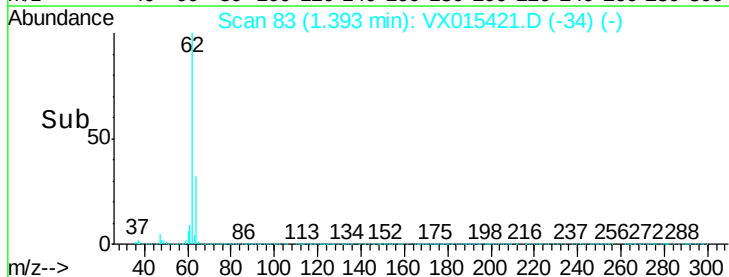
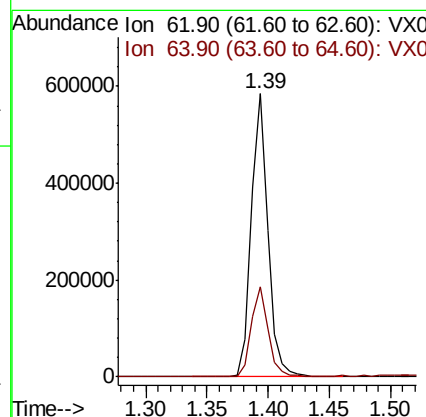
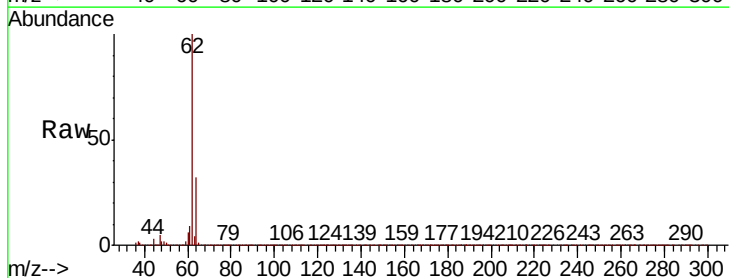
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

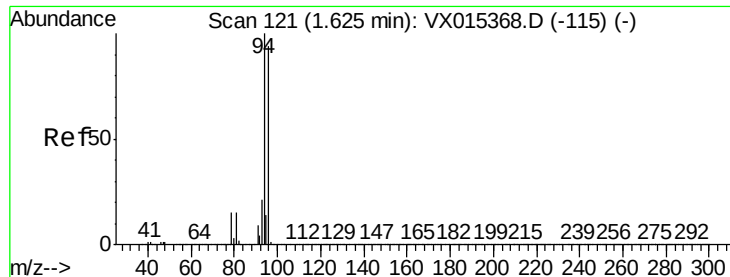
Tot Ion: 50 Resp: 589745
Ion Ratio Lower Upper
50 100
52 32.9 25.3 37.9



#4
Vinyl Chloride
Concen: 49.930 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Tgt Ion: 62 Resp: 549105
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0





#5

Bromomethane

Concen: 58.534 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

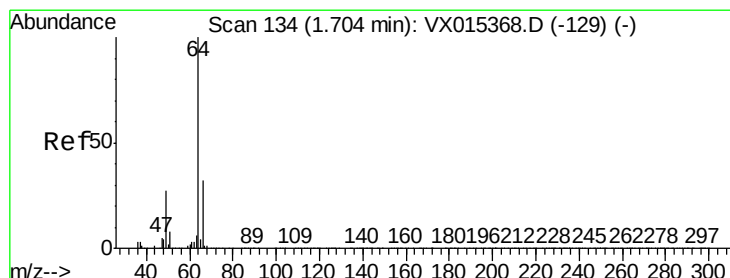
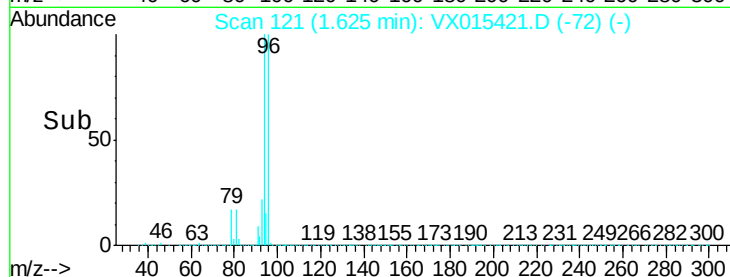
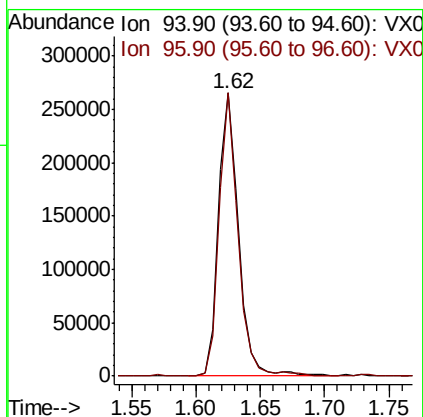
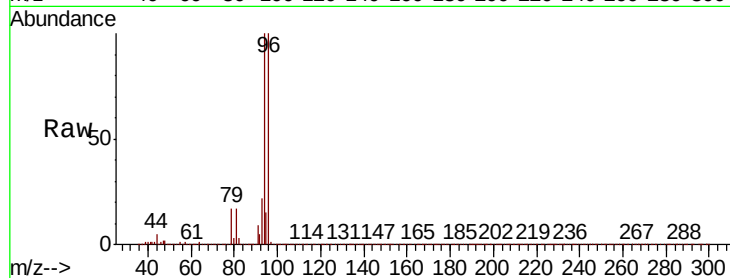
VSTDCCC050EC

Tot Ion: 94 Resp: 289735

Ion Ratio Lower Upper

94 100

96 100.0 74.8 112.2



#6

Chloroethane

Concen: 48.609 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015421.D

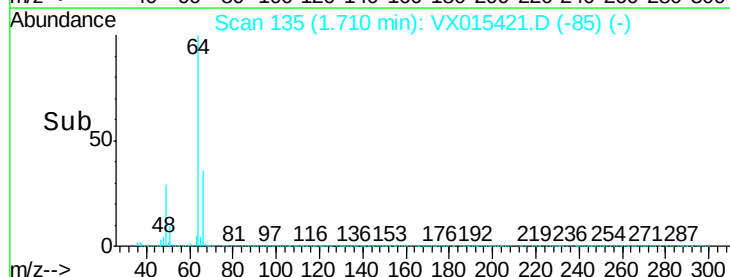
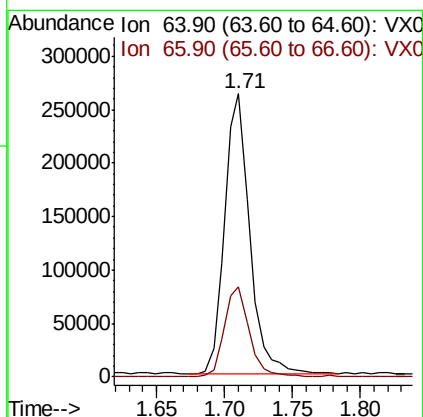
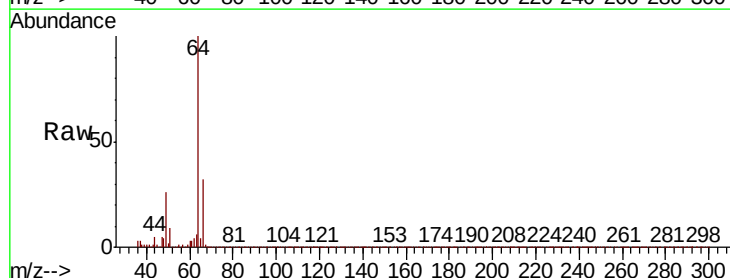
Acq: 28 Mar 2020 07:41

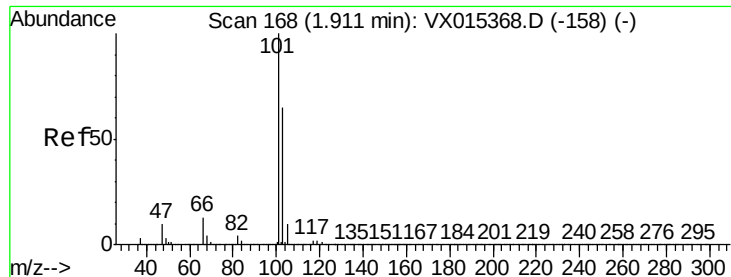
Tgt Ion: 64 Resp: 331540

Ion Ratio Lower Upper

64 100

66 31.9 25.4 38.2



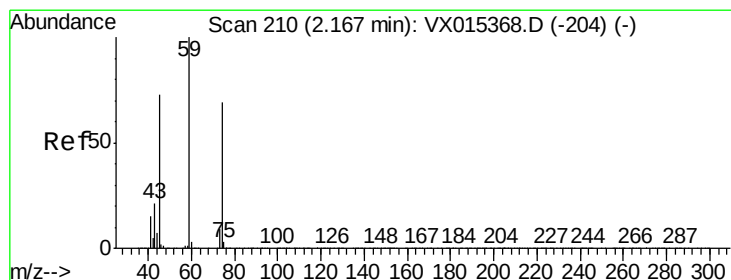
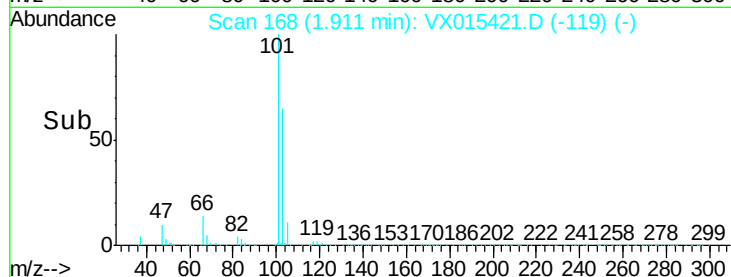
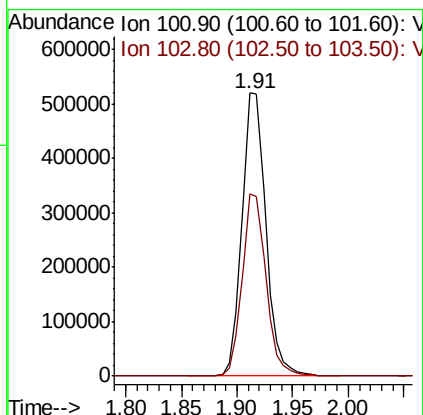
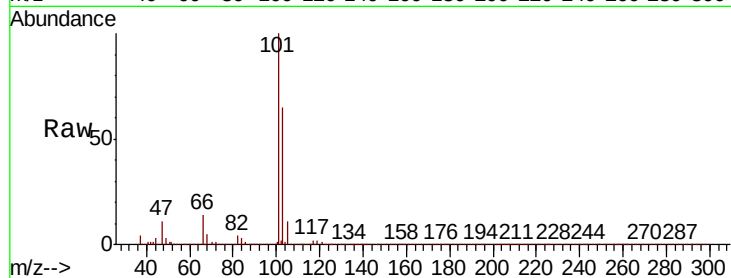


#7

Trichlorofluoromethane
Concen: 52.632 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015421.D
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Instrument :
MSVOA_X
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VSTDCCC050EC

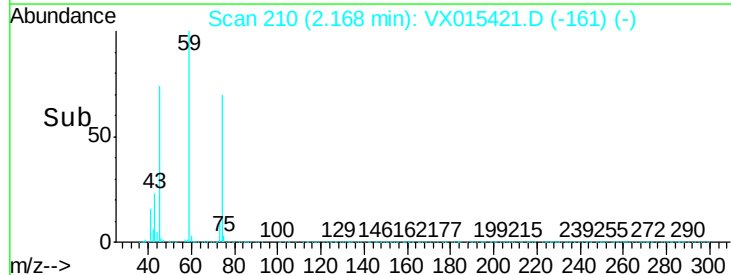
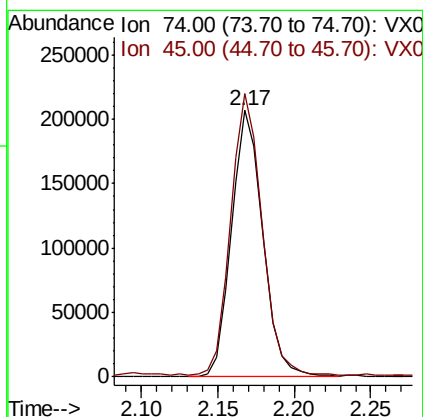
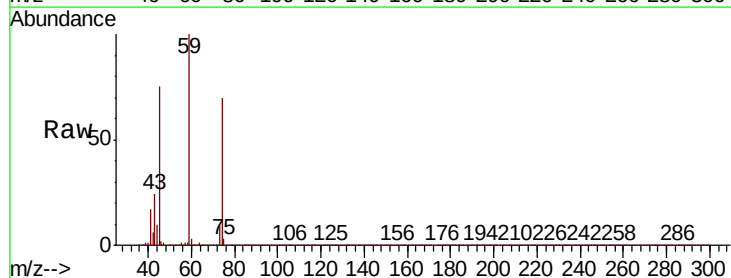
Tot Ion:101 Resp: 776244
Ion Ratio Lower Upper
101 100
103 64.5 52.3 78.5

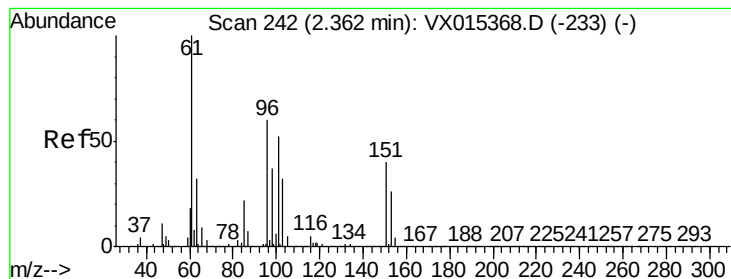


#8

Diethyl Ether
Concen: 46.792 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Tgt Ion: 74 Resp: 291079
Ion Ratio Lower Upper
74 100
45 105.7 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.370 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

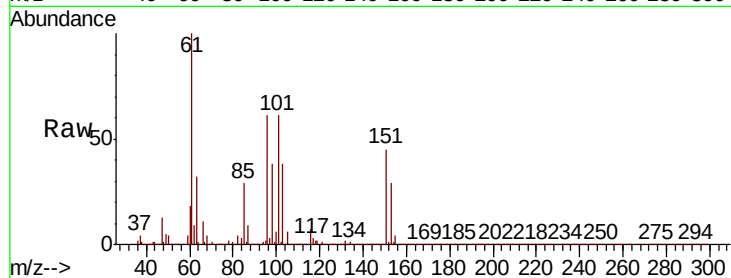
Tot Ion:101 Resp: 503513

Ion Ratio Lower Upper

101 100

85 45.8 35.0 52.4

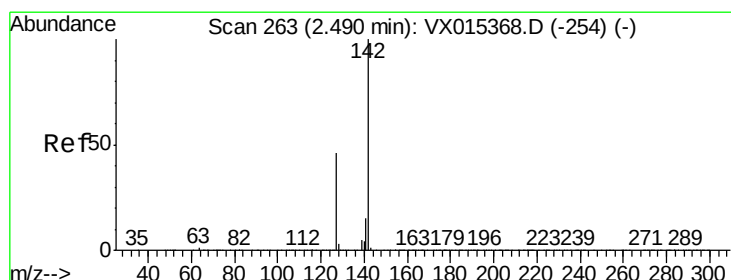
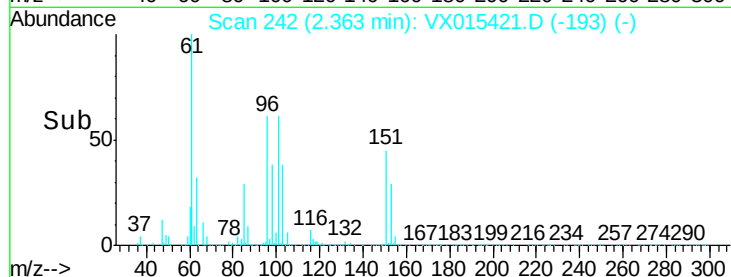
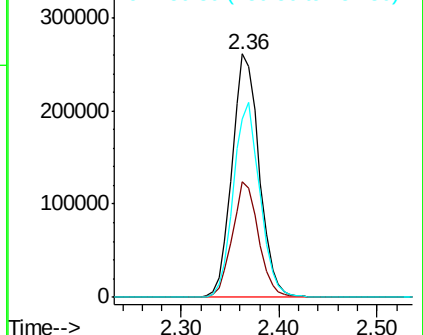
151 77.9 64.1 96.1



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: 41.487 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

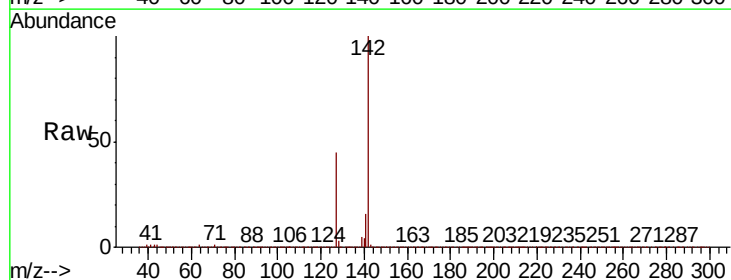
Tgt Ion:142 Resp: 537785

Ion Ratio Lower Upper

142 100

127 45.8 35.9 53.9

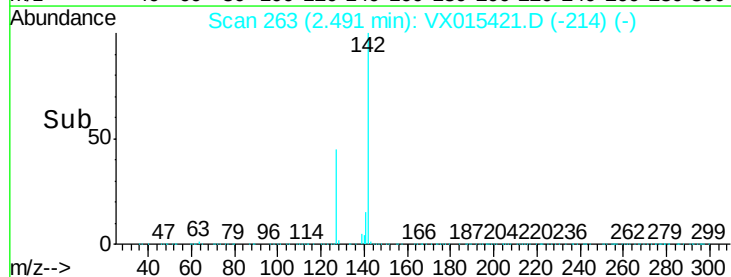
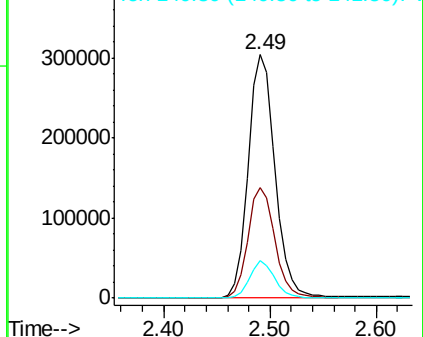
141 14.5 11.6 17.4

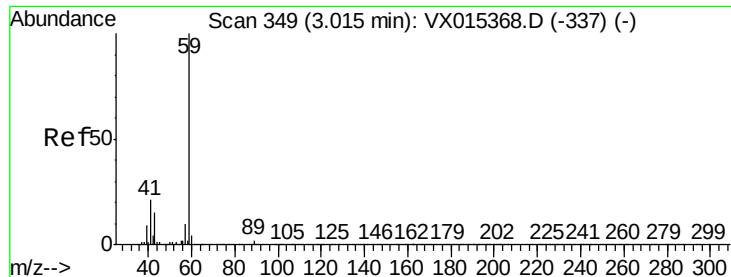


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



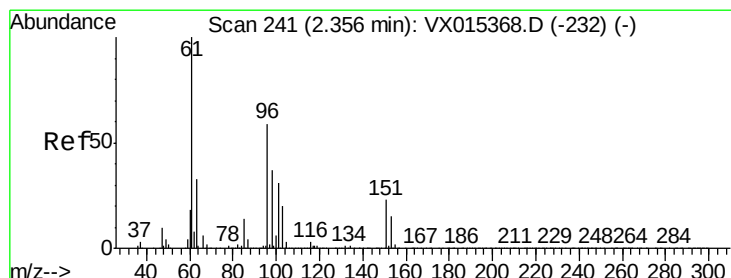
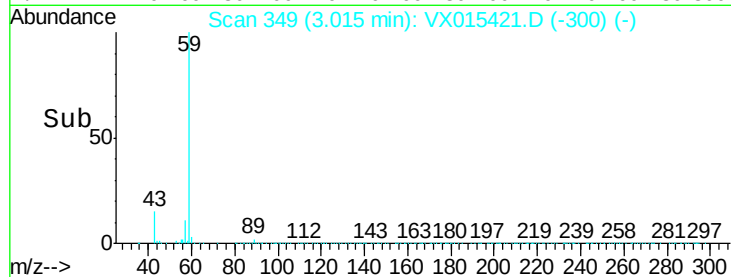
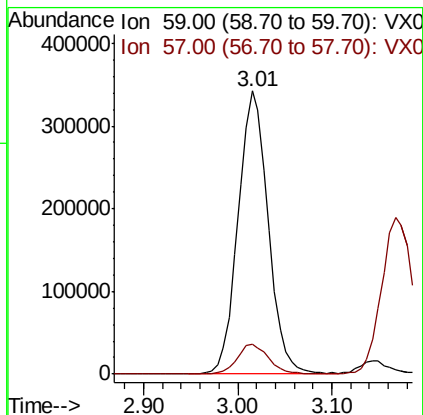
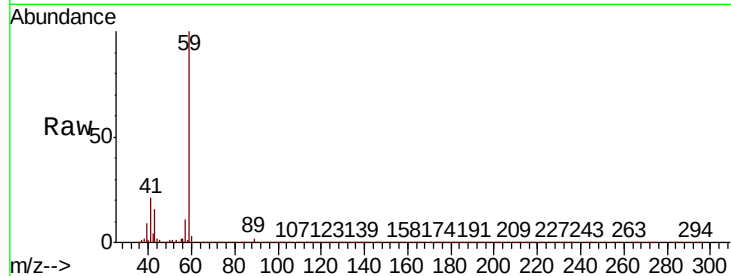


#11

Tert butyl alcohol
Concen: 211.808 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

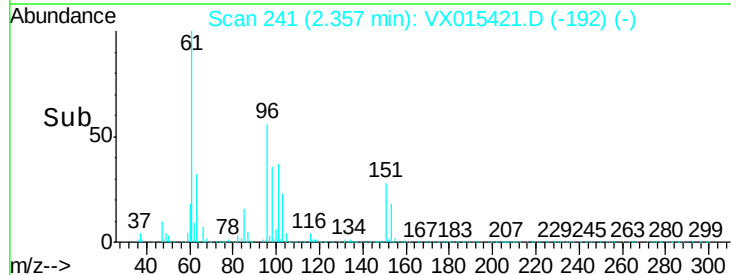
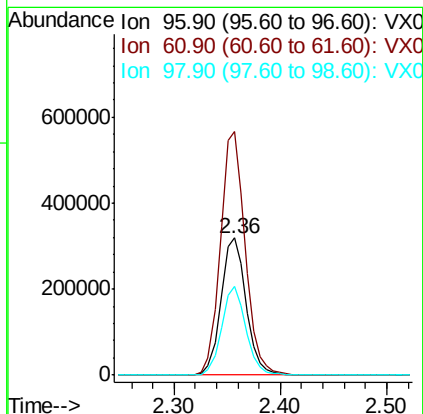
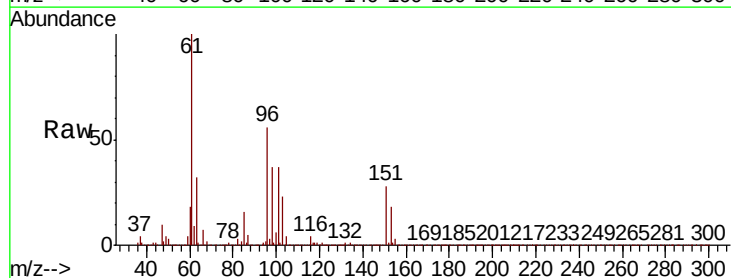
Tot Ion: 59 Resp: 763285
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

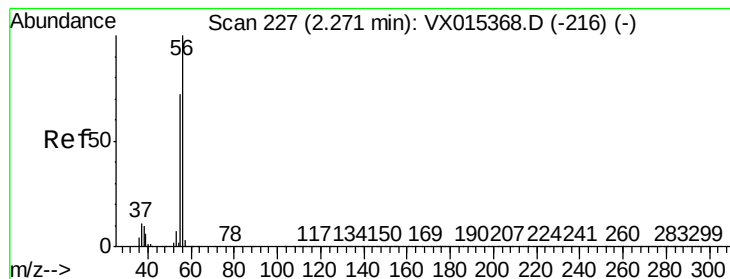


#12

1,1-Dichloroethene
Concen: 51.881 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Tgt Ion: 96 Resp: 522870
Ion Ratio Lower Upper
96 100
61 177.5 135.7 203.5
98 64.8 50.6 75.8





#13

Acrolein

Concen: 210.695 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

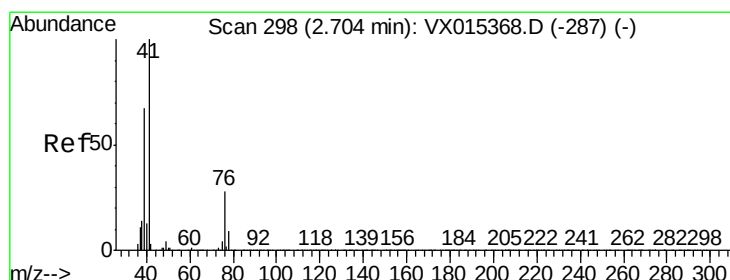
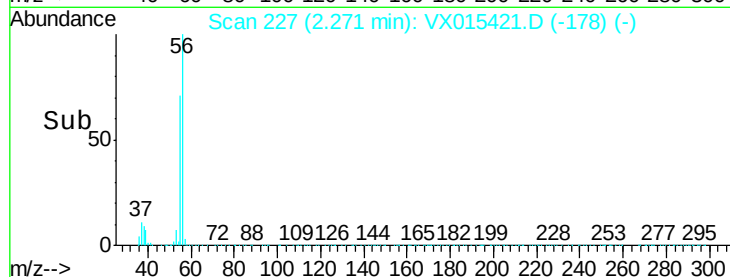
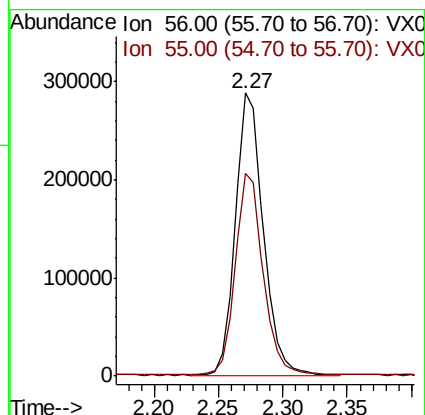
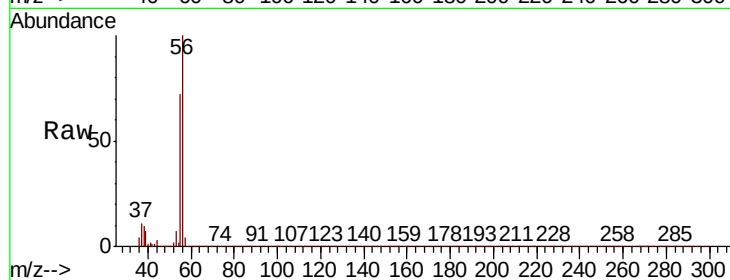
VSTDCCC050EC

Tot Ion: 56 Resp: 432515

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 48.317 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

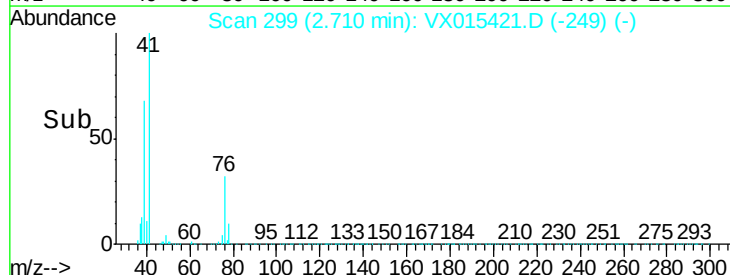
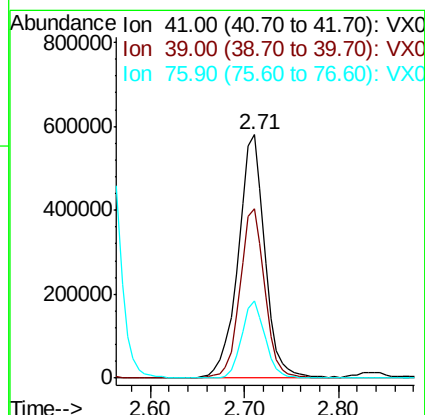
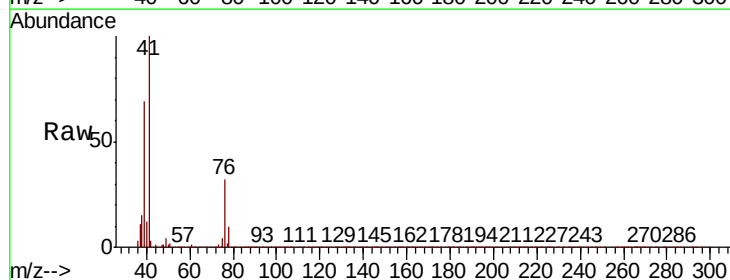
Tgt Ion: 41 Resp: 1137803

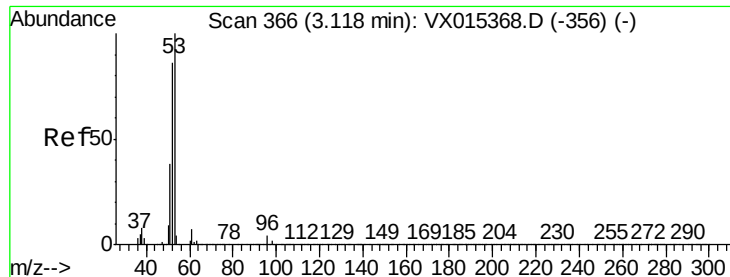
Ion Ratio Lower Upper

41 100

39 64.7 51.4 77.0

76 27.7 21.8 32.8





#15

Acrylonitrile

Concen: 250.600 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

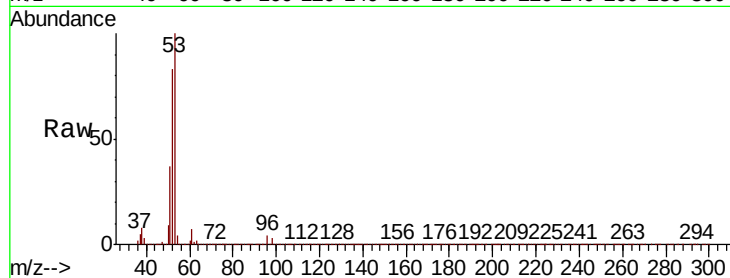
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1722235

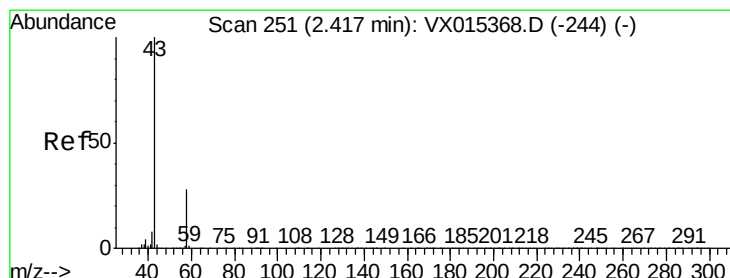
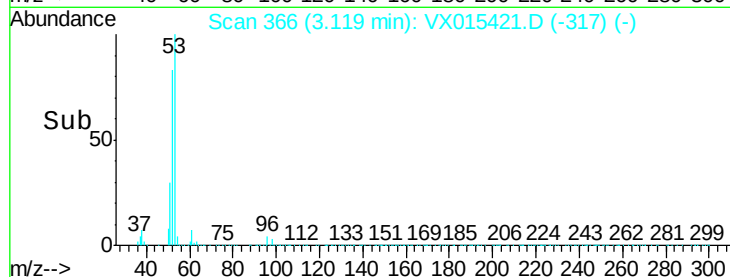
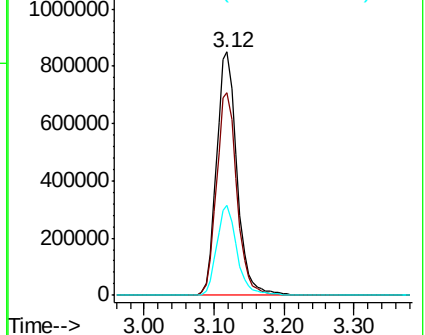
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.8	100.2
51	36.5	29.5	44.3



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: 242.500 ug/l

RT: 2.42 min Scan# 251

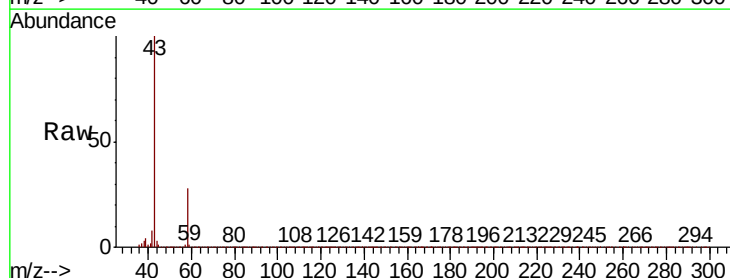
Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

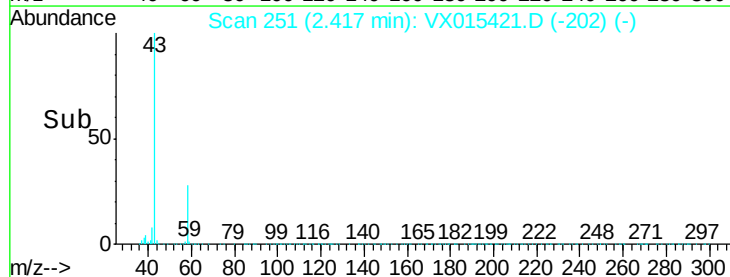
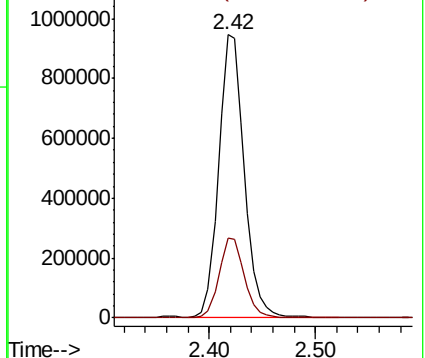
Tgt Ion: 43 Resp: 1568557

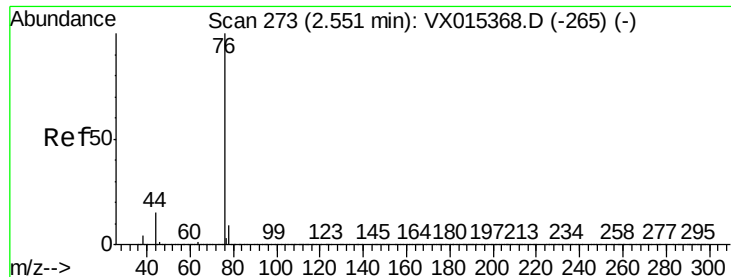
Ion	Ratio	Lower	Upper
43	100		
58	28.2	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.576 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

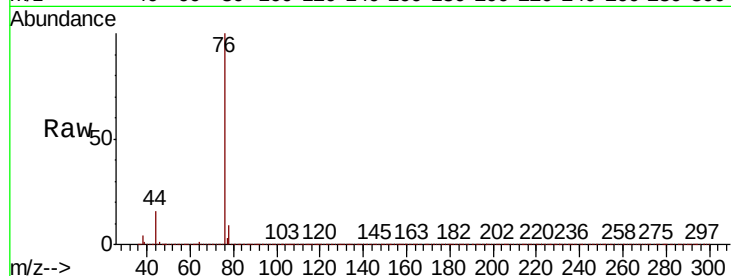
VSTDCCC050EC

Tot Ion: 76 Resp: 1554922

Ion Ratio Lower Upper

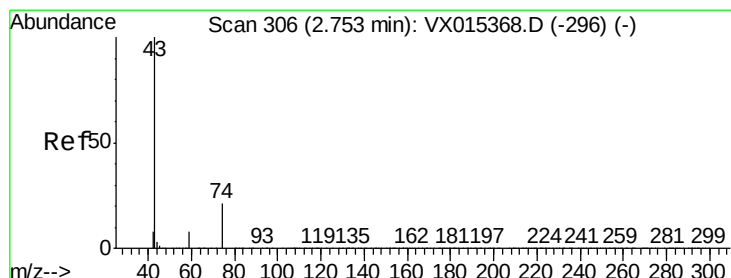
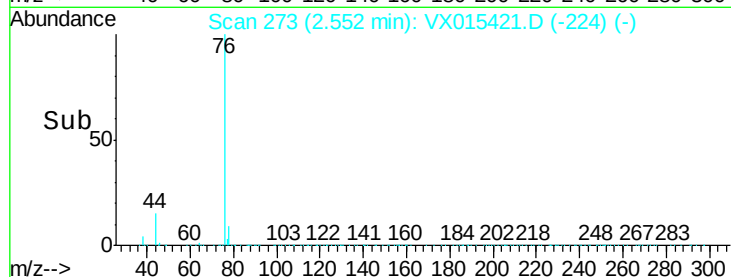
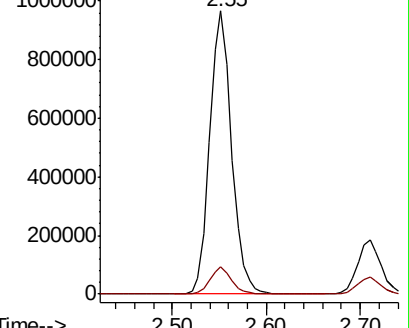
76 100

78 9.4 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: 49.668 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015421.D

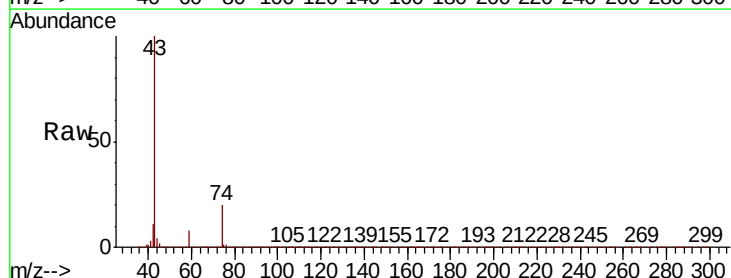
Acq: 28 Mar 2020 07:41

Tgt Ion: 43 Resp: 819960

Ion Ratio Lower Upper

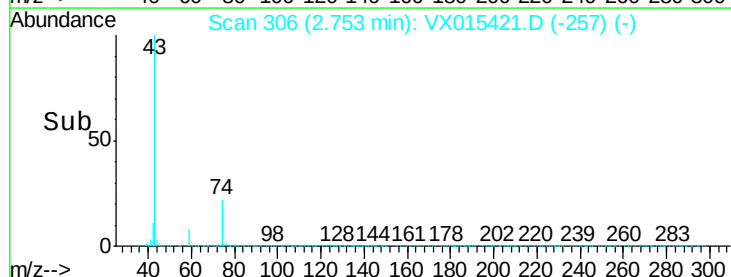
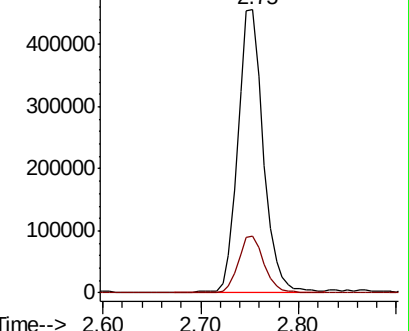
43 100

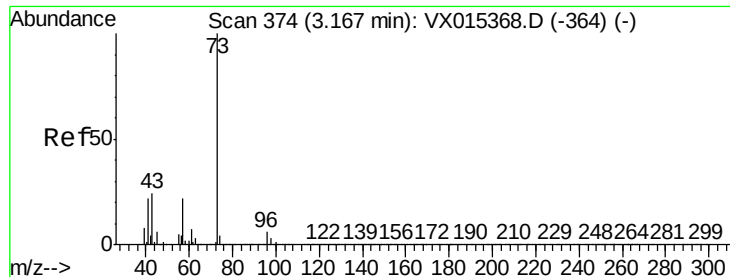
74 20.5 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



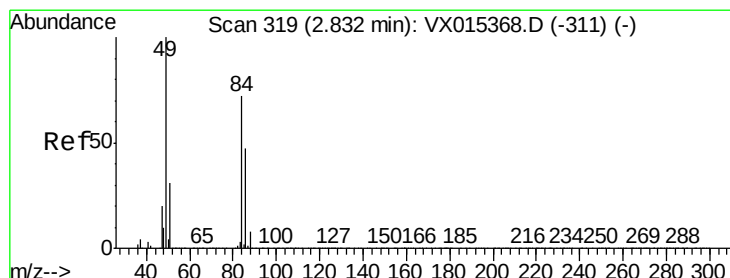
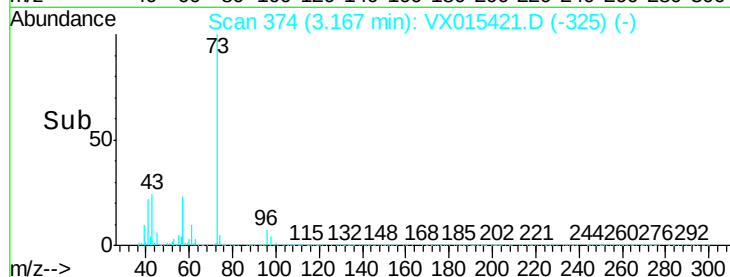
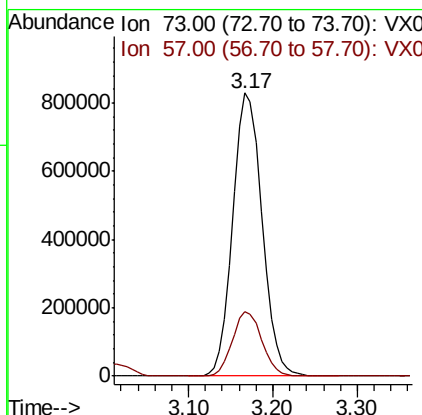
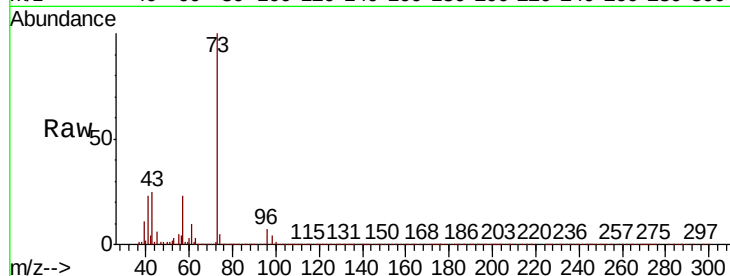


#19

Methyl tert-butyl Ether
 Concen: 49.817 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

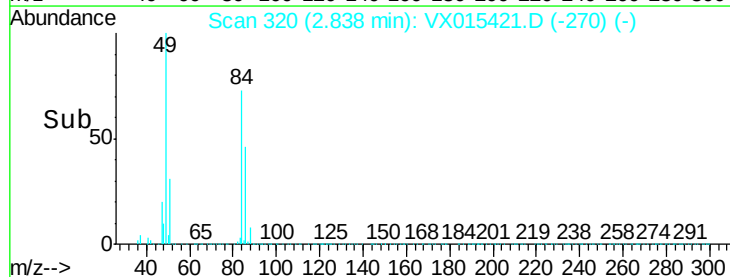
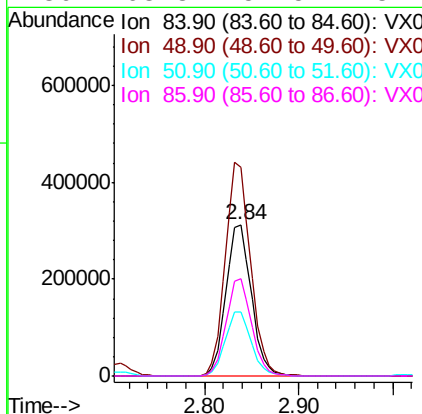
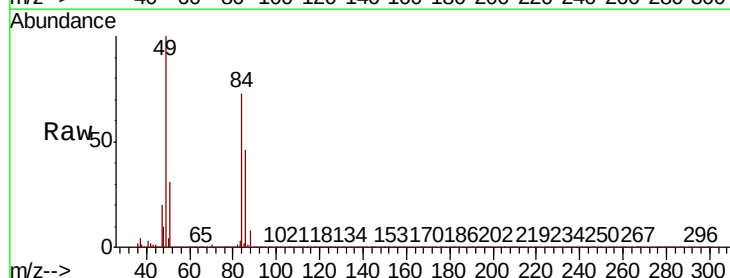
Tot Ion: 73 Resp: 1947218
 Ion Ratio Lower Upper
 73 100
 57 22.7 17.9 26.9

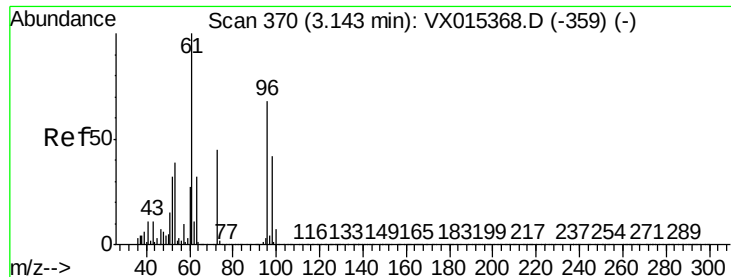


#20

Methylene Chloride
 Concen: 48.401 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.01 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

Tgt Ion: 84 Resp: 584775
 Ion Ratio Lower Upper
 84 100
 49 137.8 111.3 166.9
 51 42.2 34.0 51.0
 86 63.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.502 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

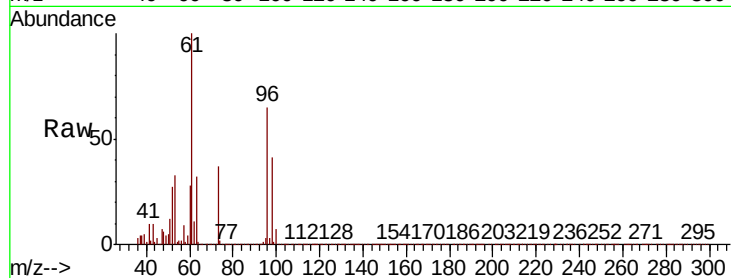
Tot Ion: 96 Resp: 553668

Ion Ratio Lower Upper

96 100

61 154.3 116.9 175.3

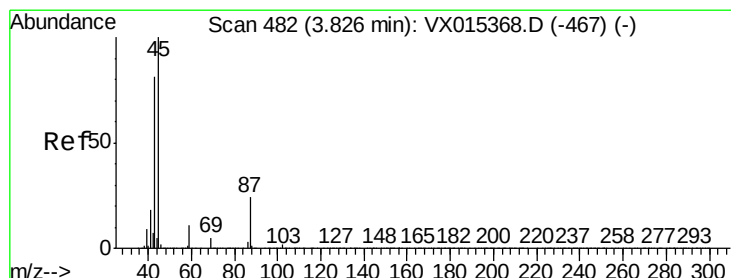
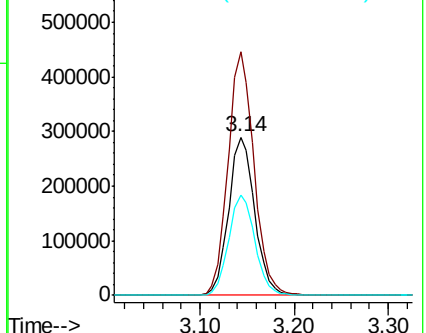
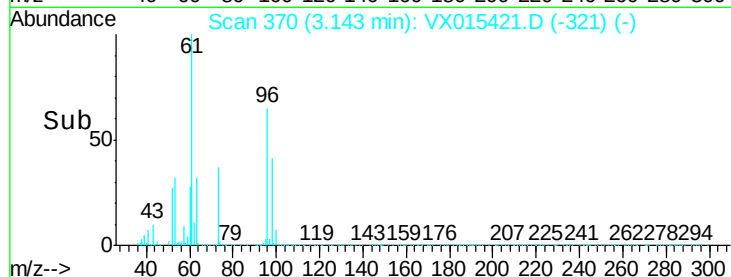
98 63.6 48.6 73.0



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: 50.638 ug/l

RT: 3.83 min Scan# 483

Delta R.T. 0.01 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Tgt Ion: 45 Resp: 2113017

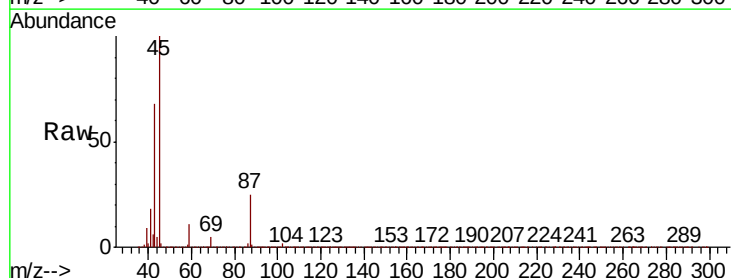
Ion Ratio Lower Upper

45 100

43 67.4 64.7 97.1

87 24.9 19.4 29.0

59 11.1 8.7 13.1

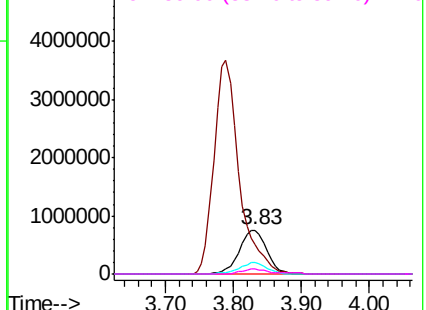
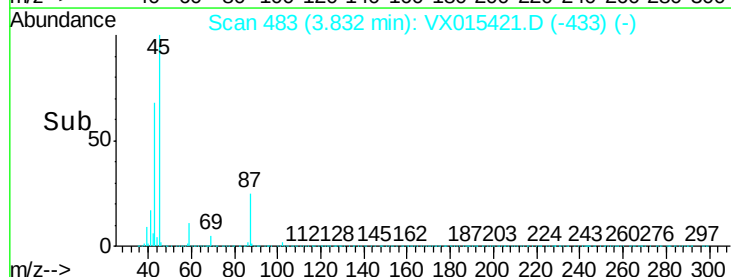


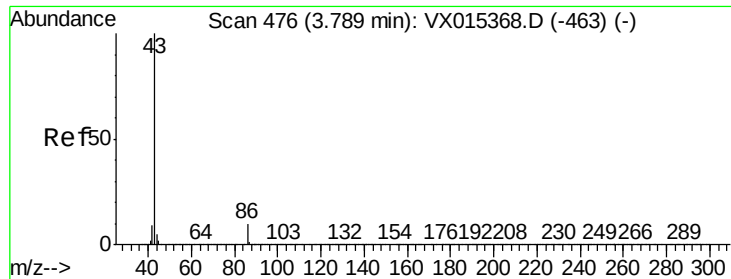
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 251.037 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

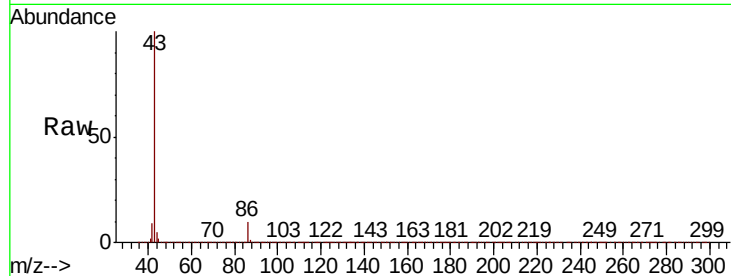
VSTDCCC050EC

Tot Ion: 43 Resp: 9484294

Ion Ratio Lower Upper

43 100

86 9.6 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

4000000

3000000

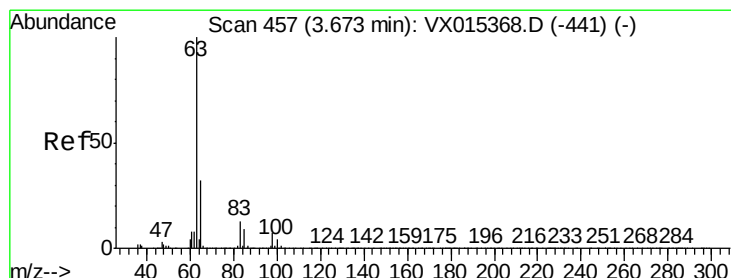
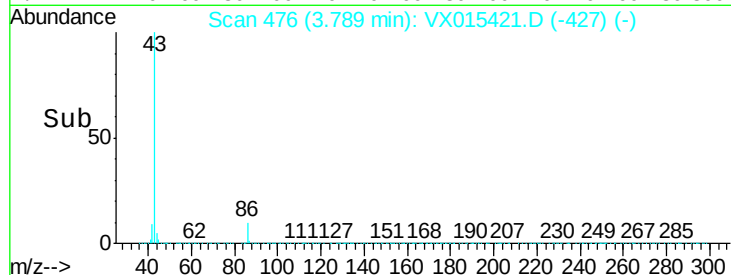
2000000

1000000

0

Time-->

3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 49.652 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

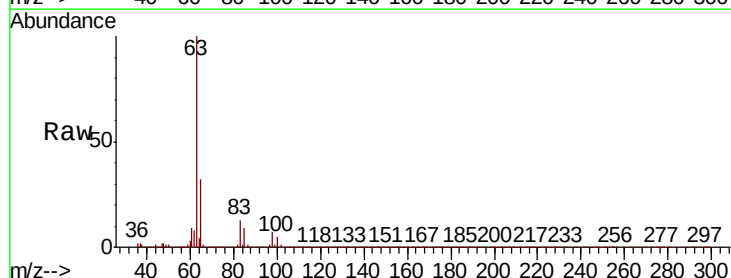
Tgt Ion: 63 Resp: 1090874

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.5 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

600000

500000

400000

300000

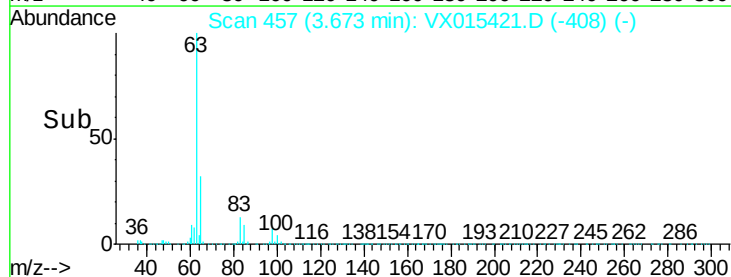
200000

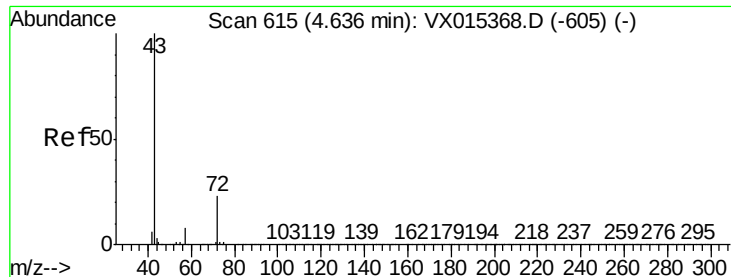
100000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 241.341 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

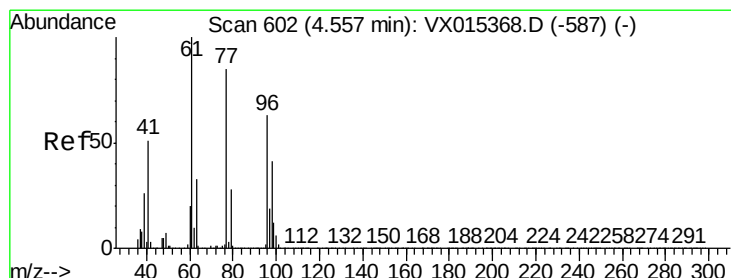
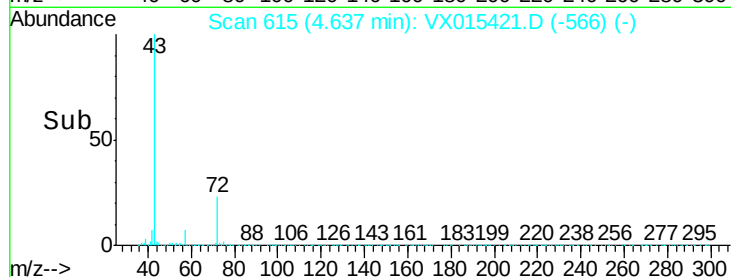
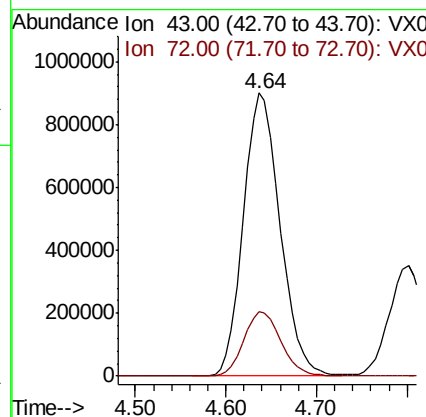
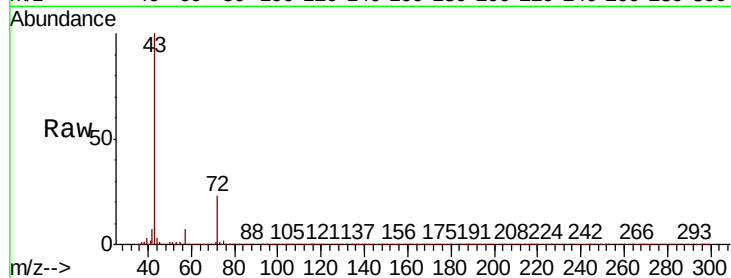
VSTDCCC050EC

Tot Ion: 43 Resp: 2510511

Ion Ratio Lower Upper

43 100

72 22.5 19.0 28.4



#26

2,2-Dichloropropane

Concen: 34.821 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015421.D

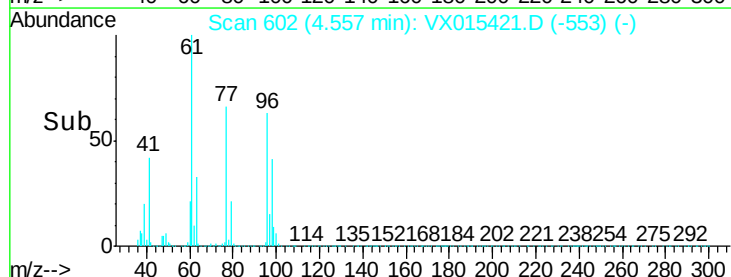
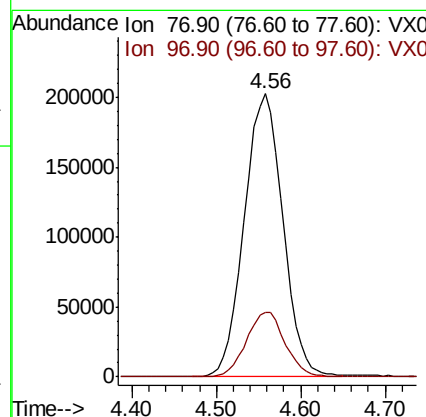
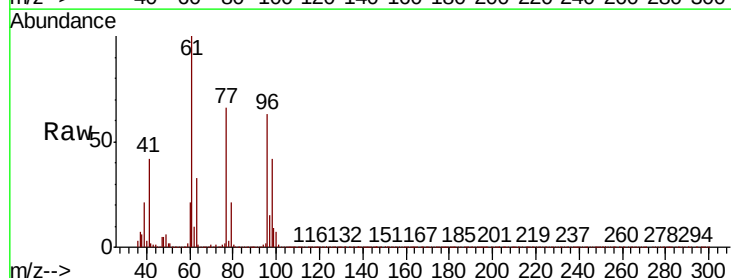
Acq: 28 Mar 2020 07:41

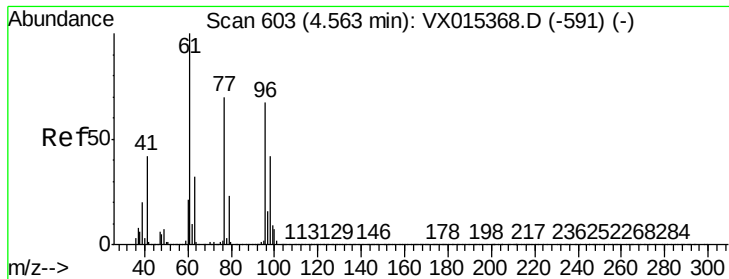
Tgt Ion: 77 Resp: 627948

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8



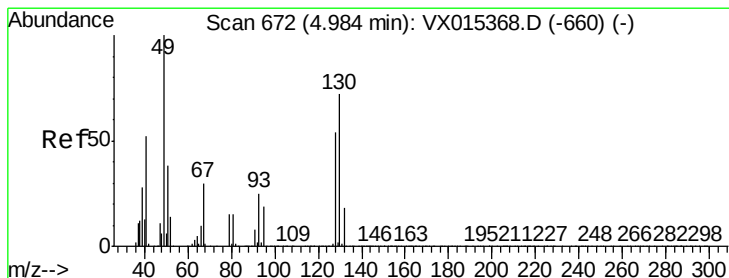
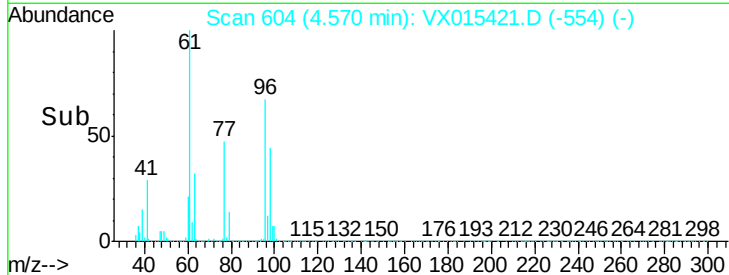
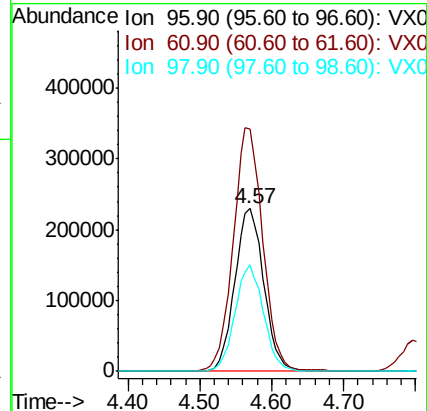
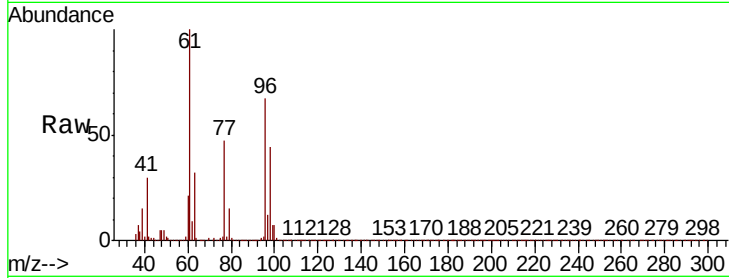


#27

cis-1,2-Dichloroethene
Concen: 49.496 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

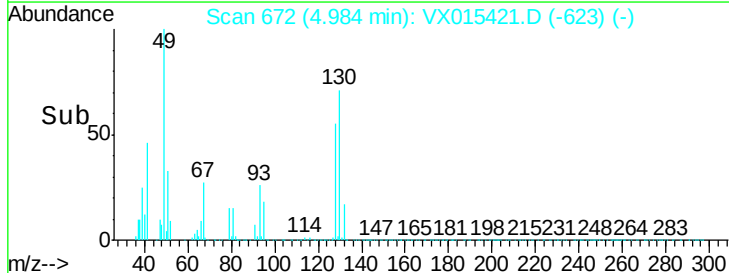
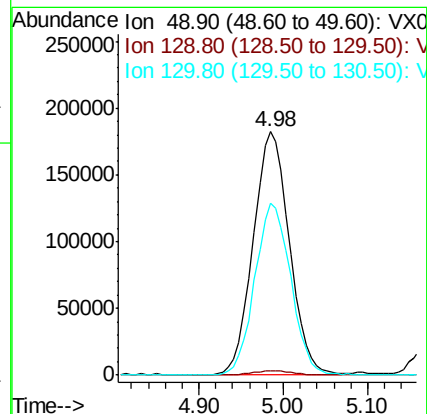
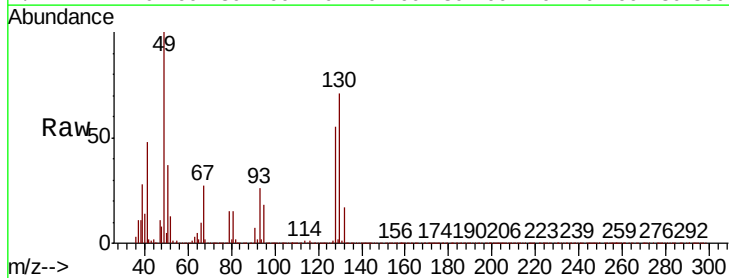
Tot Ion	96	Resp	640495
Ion Ratio	Lower	Upper	
96	100		
61	152.3	0.0	308.4
98	63.8	0.0	129.2

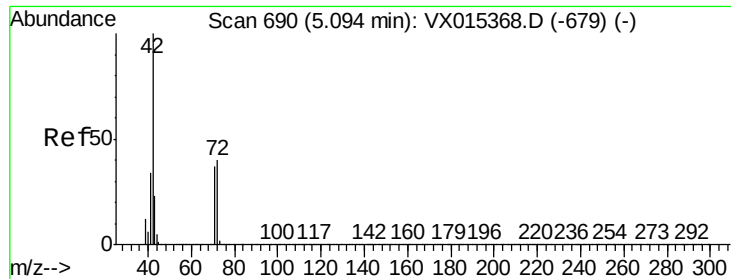


#28

Bromochloromethane
Concen: 50.785 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Tgt Ion	49	Resp	532717
Ion Ratio	Lower	Upper	
49	100		
129	2.0	0.0	4.4
130	70.3	57.7	86.5

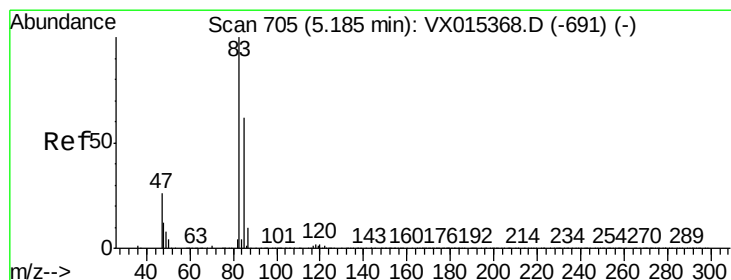
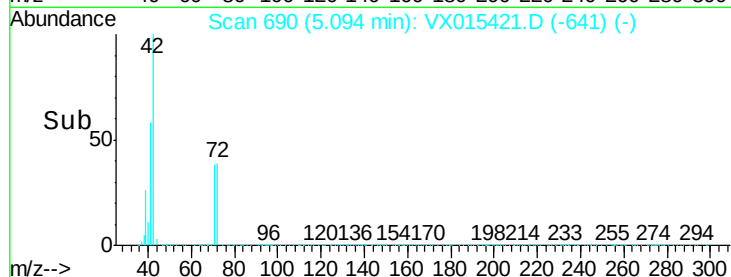
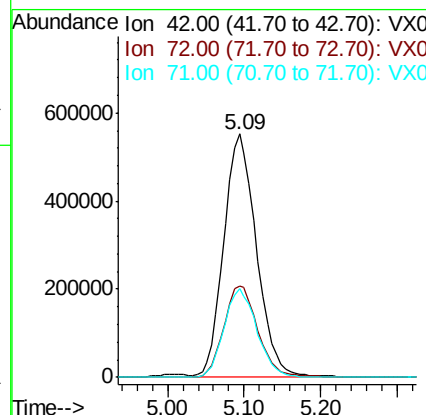
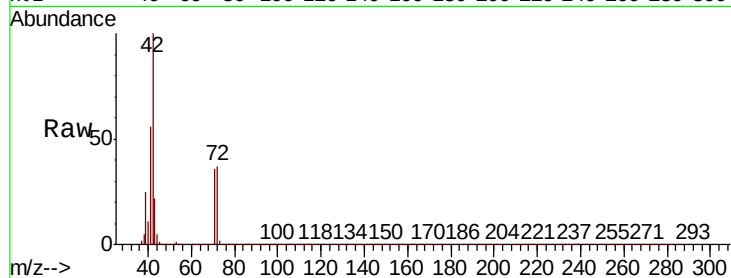




#29
Tetrahydrofuran
Concen: 243.263 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

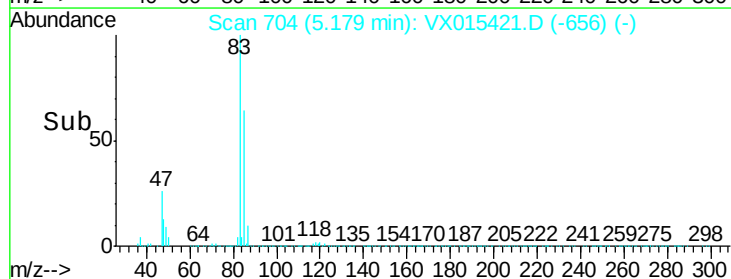
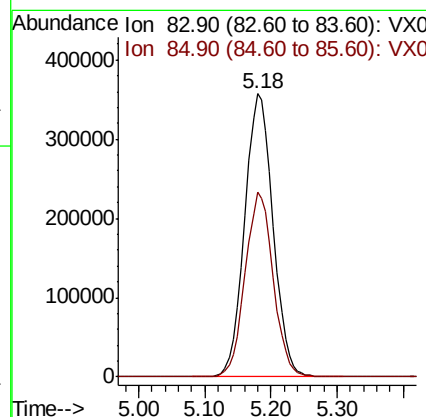
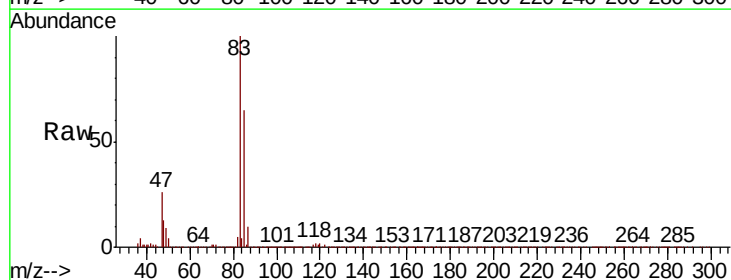
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

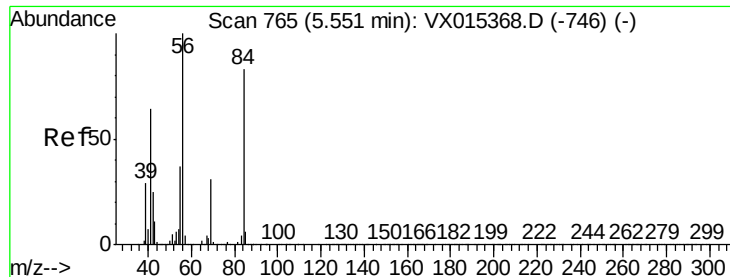
Tot Ion: 42 Resp: 1626792
Ion Ratio Lower Upper
42 100
72 39.3 31.7 47.5
71 36.9 29.6 44.4



#30
Chloroform
Concen: 50.141 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Tgt Ion: 83 Resp: 1059841
Ion Ratio Lower Upper
83 100
85 65.2 49.5 74.3

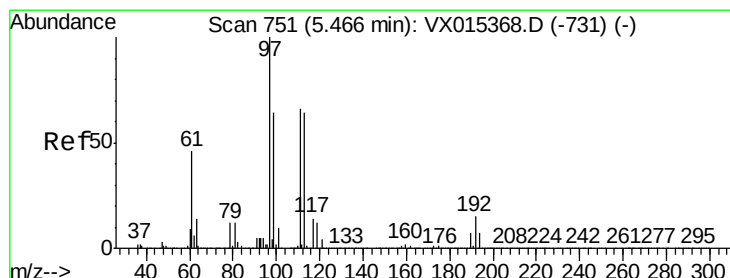
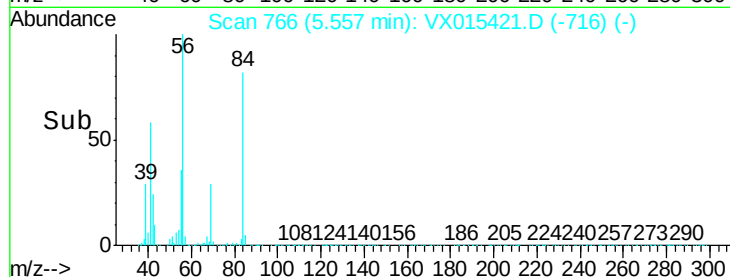
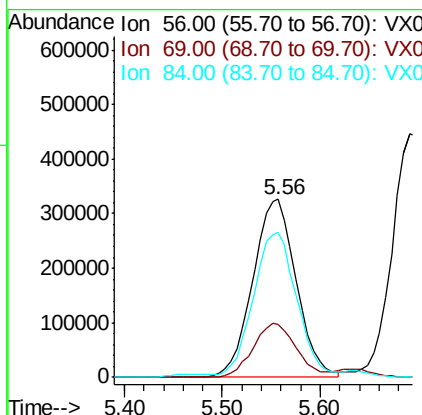
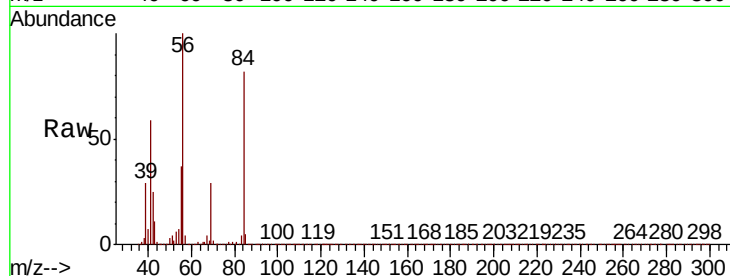




#31
Cyclohexane
Concen: 52.714 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

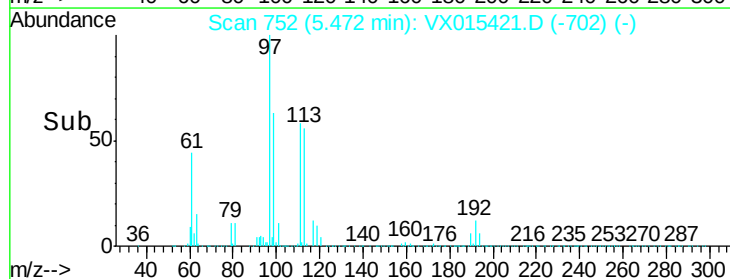
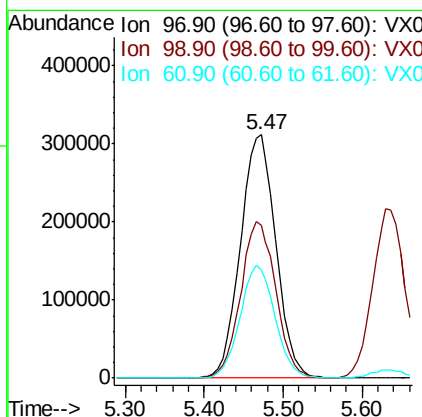
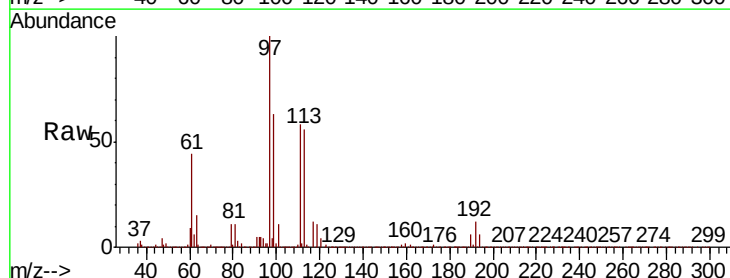
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

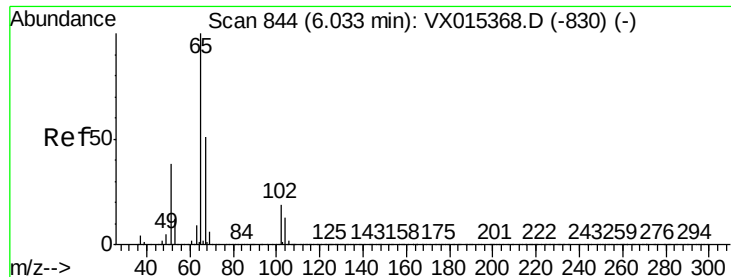
Tot Ion: 56 Resp: 1004680
Ion Ratio Lower Upper
56 100
69 29.3 24.6 36.8
84 80.1 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 50.565 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Tgt Ion: 97 Resp: 967268
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 45.7 36.1 54.1

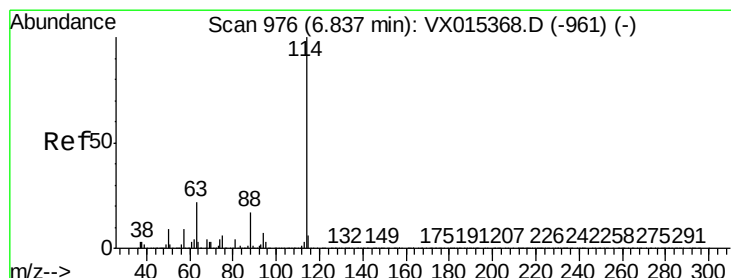
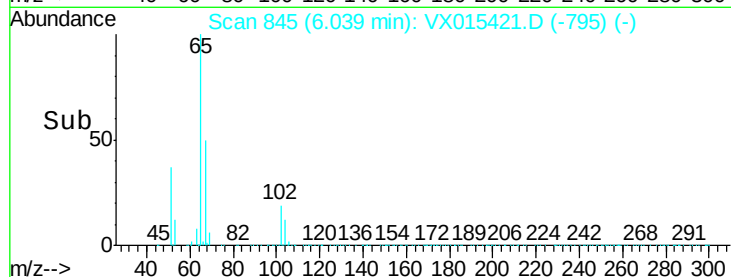
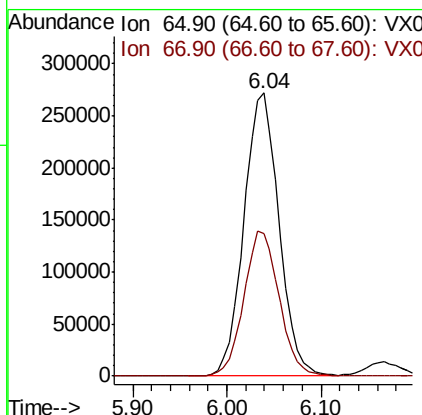
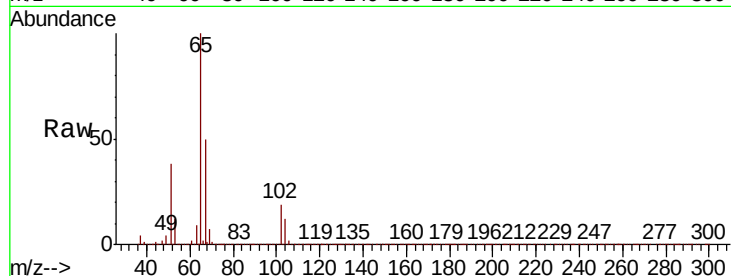




#33
 1,2-Dichloroethane-d4
 Concen: 46.766 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

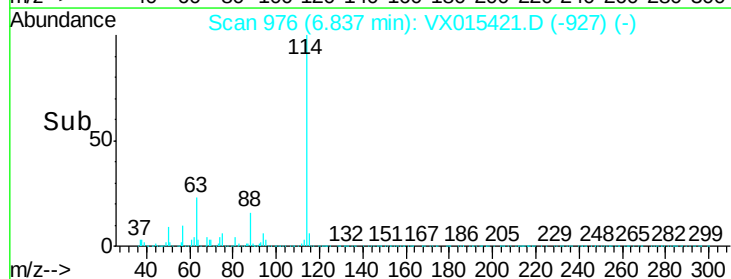
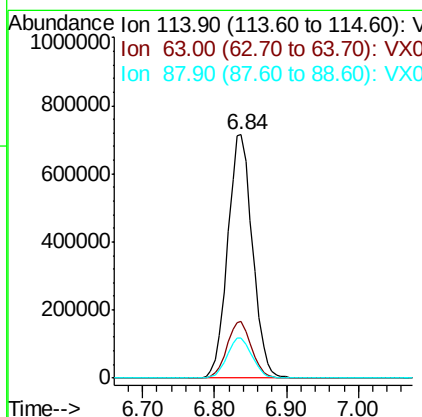
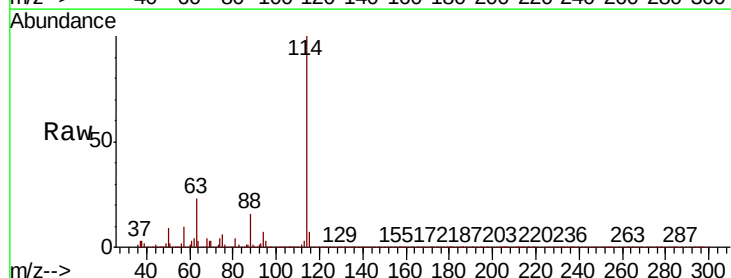
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

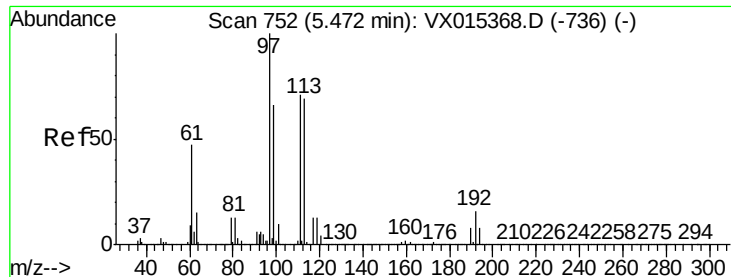
Tot Ion: 65 Resp: 704090
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

Tgt Ion: 114 Resp: 1712285
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 44.2
 88 16.3 0.0 33.8

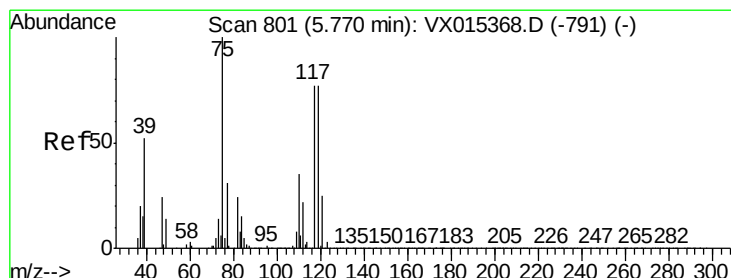
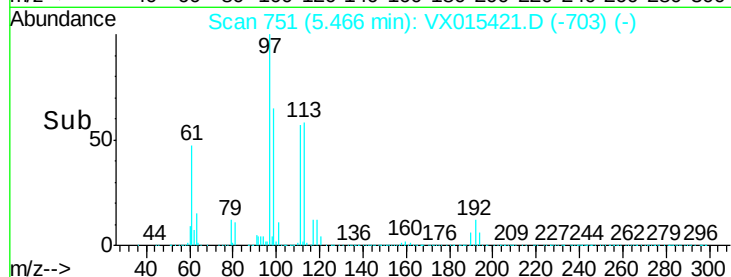
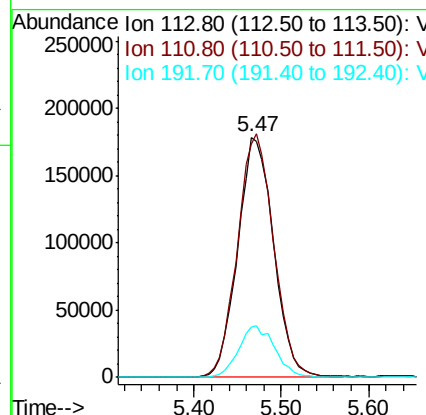
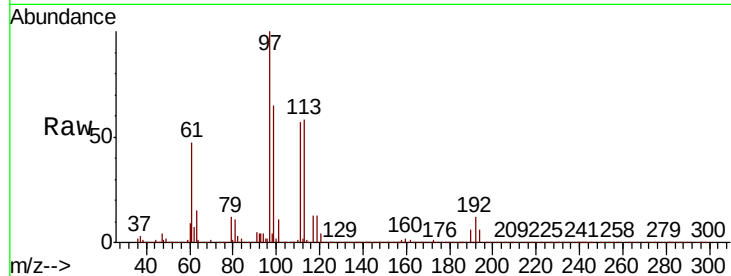




#35
 Dibromofluoromethane
 Concen: 46.422 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

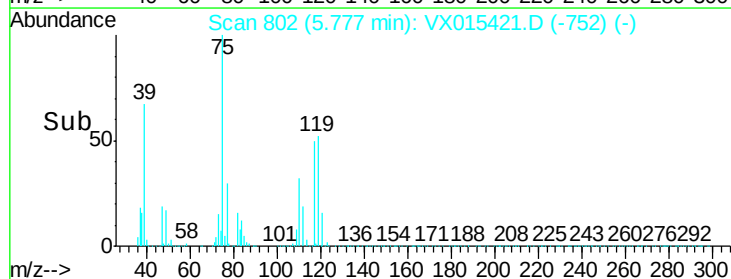
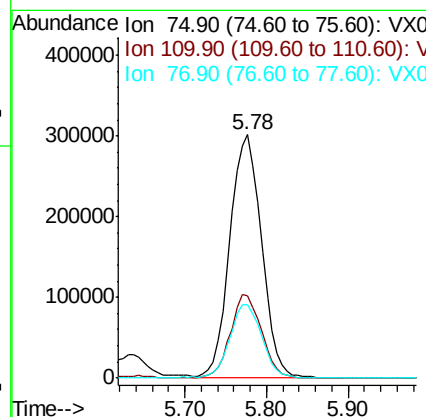
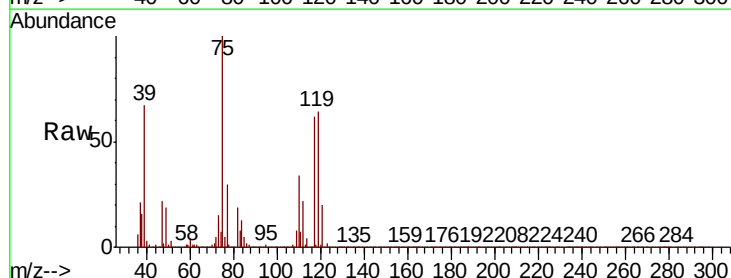
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

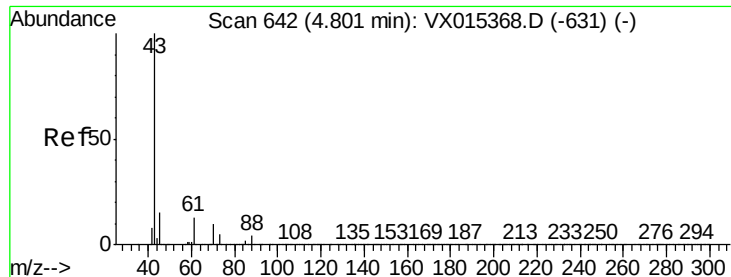
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.5	122.3
192	21.5	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 51.067 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.1	51.3
77	30.5	24.6	36.8

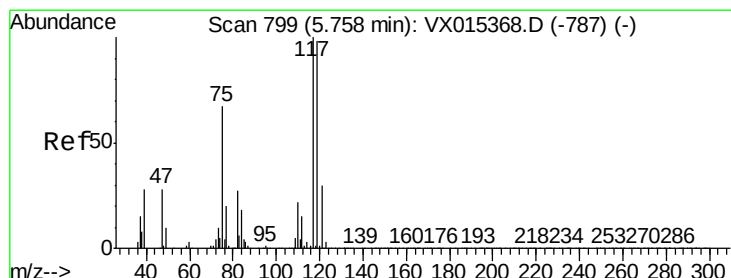
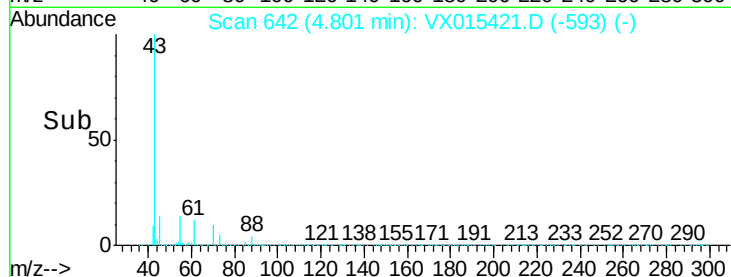
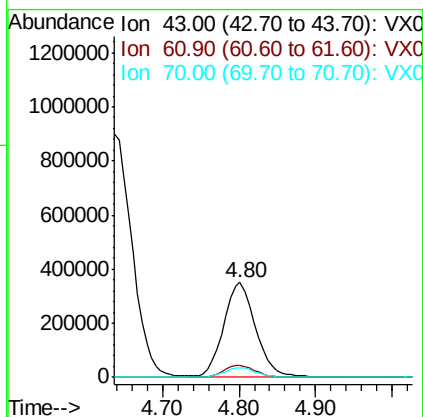
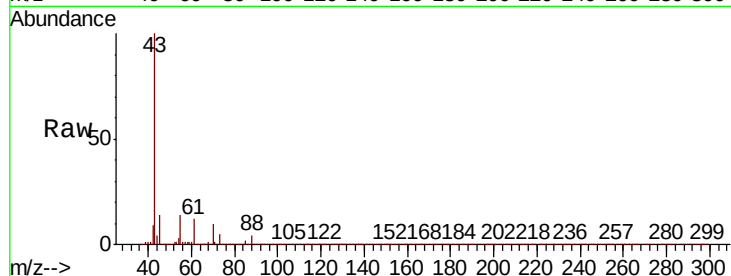




#37
Ethyl Acetate
Concen: 48.871 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

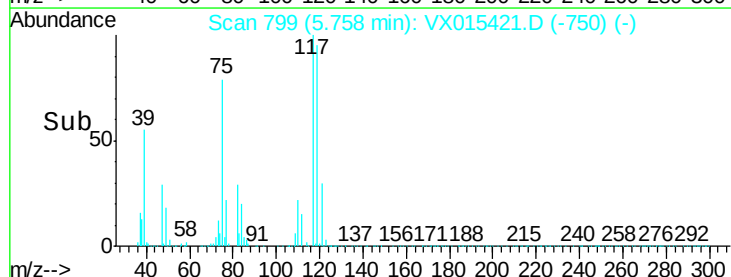
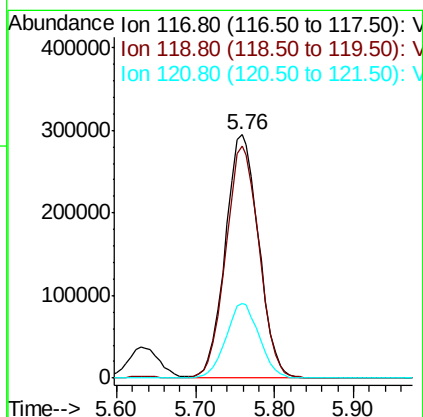
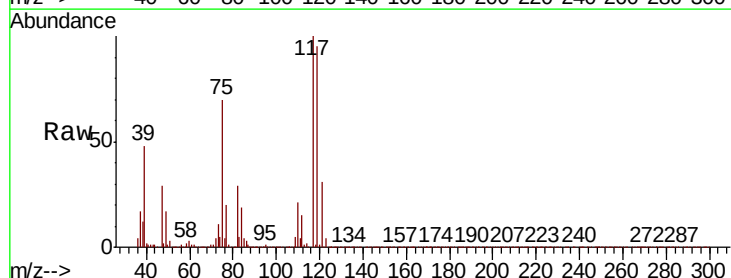
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

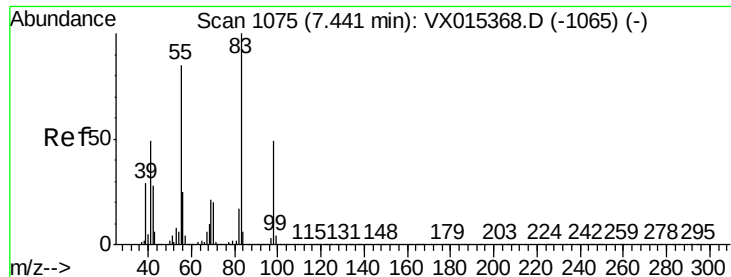
Tot Ion: 43 Resp: 1003940
Ion Ratio Lower Upper
43 100
61 12.4 9.9 14.9
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 50.575 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Tgt Ion: 117 Resp: 864226
Ion Ratio Lower Upper
117 100
119 95.3 78.0 117.0
121 30.6 23.8 35.8

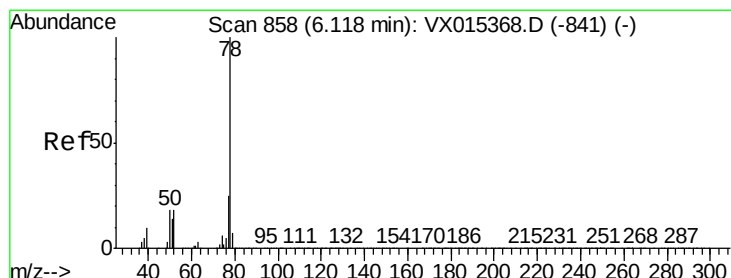
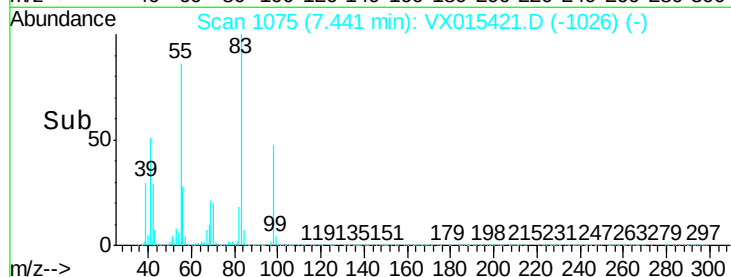
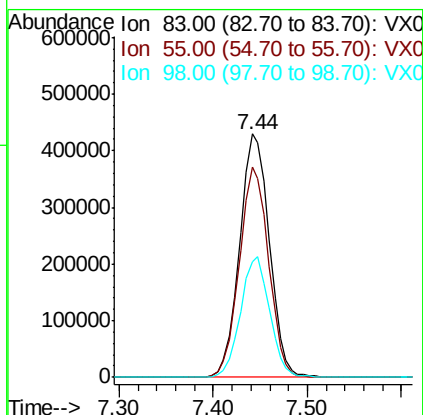
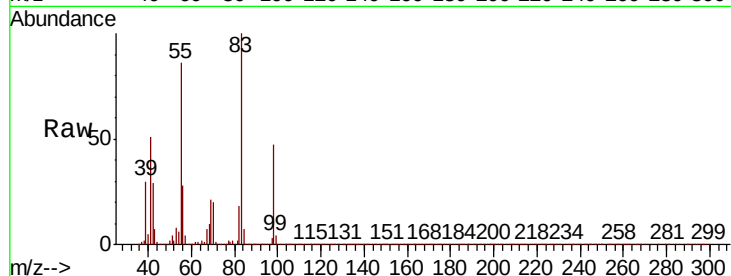




#39
Methylvlcyclohexane
Concen: 51.656 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

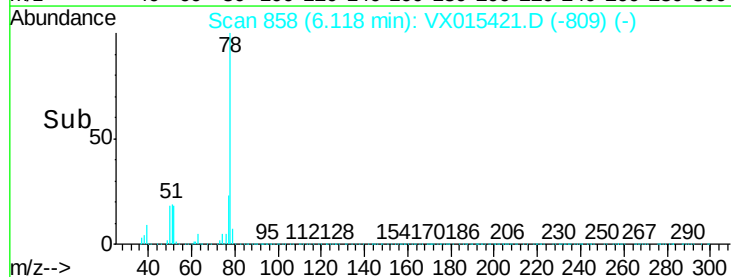
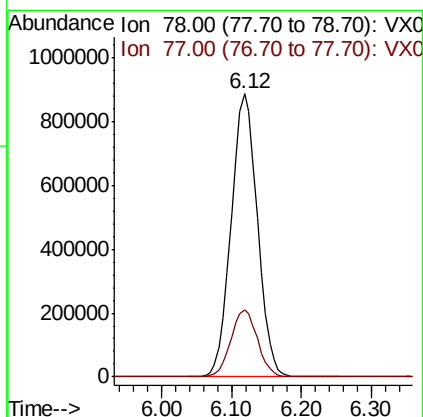
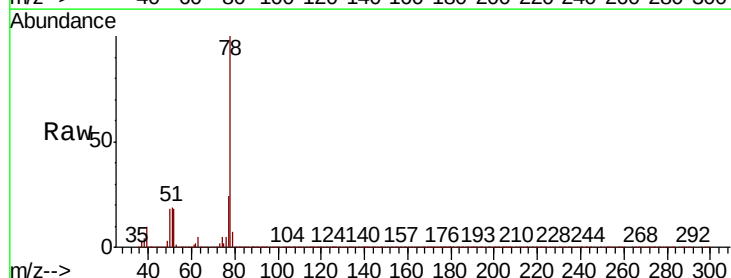
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

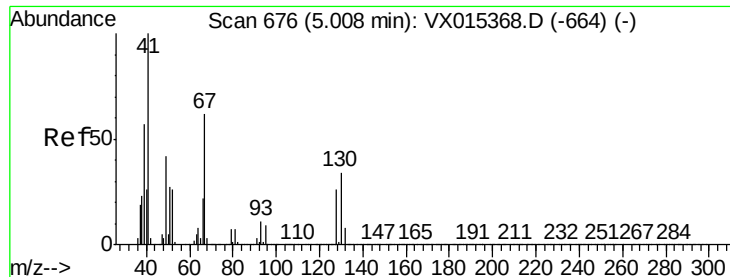
Tot Ion	Ratio	Lower	Upper
83	100		
55	86.3	67.8	101.6
98	47.4	39.3	58.9



#40
Benzene
Concen: 50.125 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.8	29.8

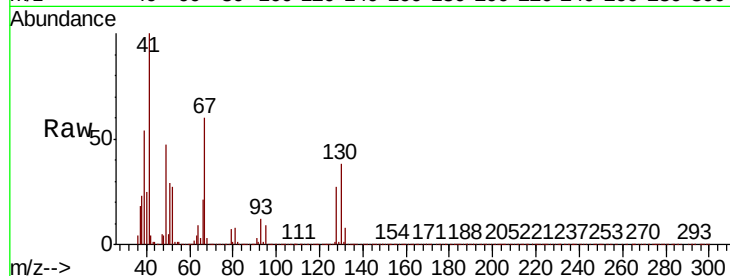




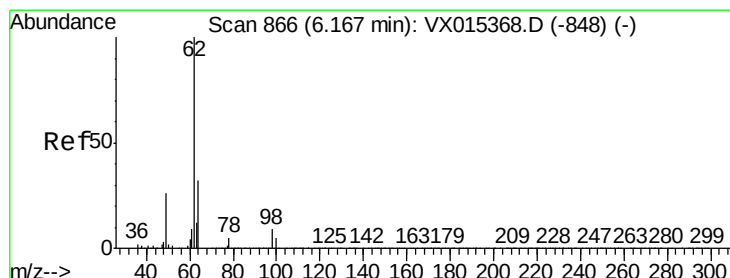
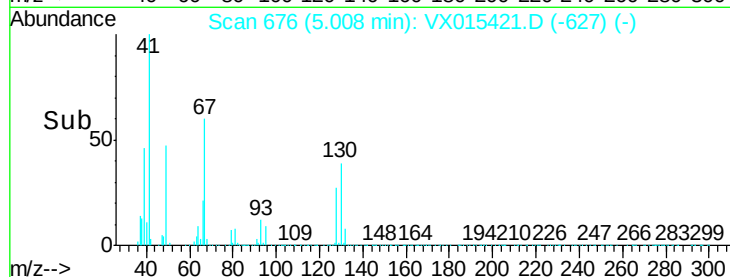
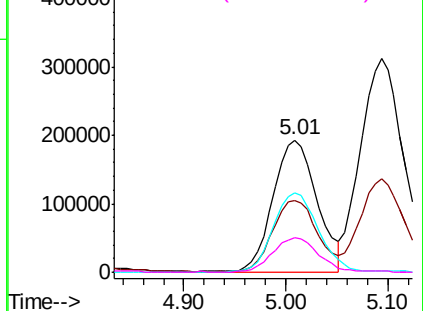
#41
Methacrylonitrile
Concen: 50.571 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	576693
Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.5	66.7
67	61.4	48.9	73.3
52	26.5	21.8	32.6

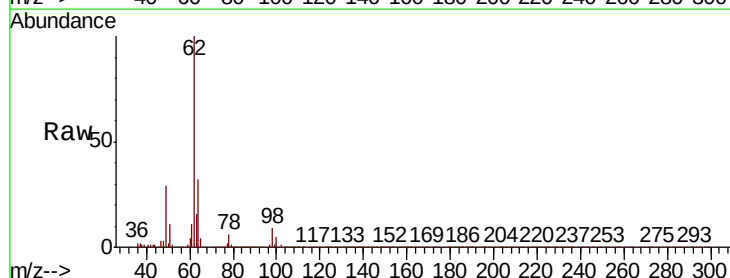


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

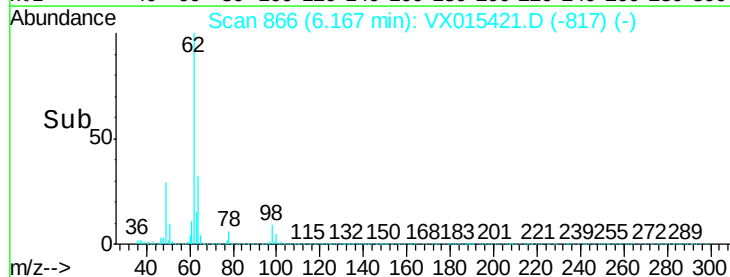
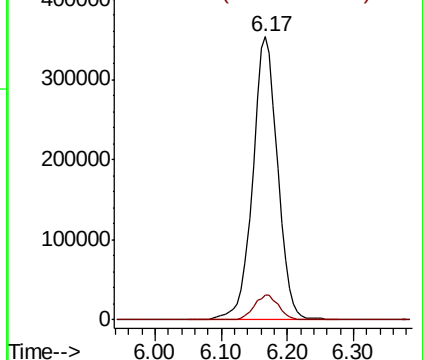


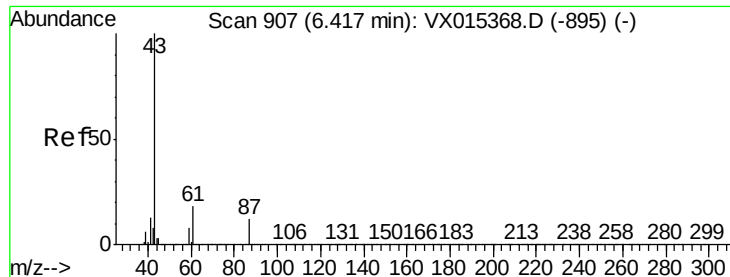
#42
1,2-Dichloroethane
Concen: 49.541 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Tgt Ion:	62	Resp:	919643
Ion	Ratio	Lower	Upper
62	100		
98	8.7	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: 49.636 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

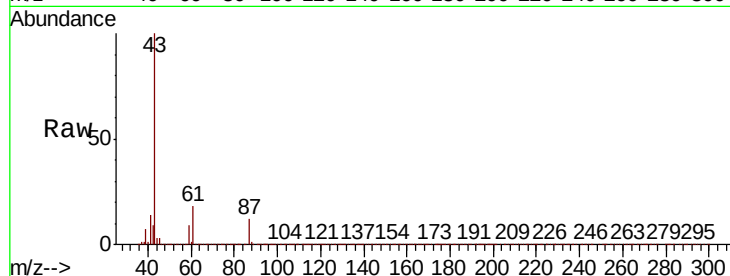
Tot Ion: 43 Resp: 1721269

Ion Ratio Lower Upper

43 100

61 18.9 14.8 22.2

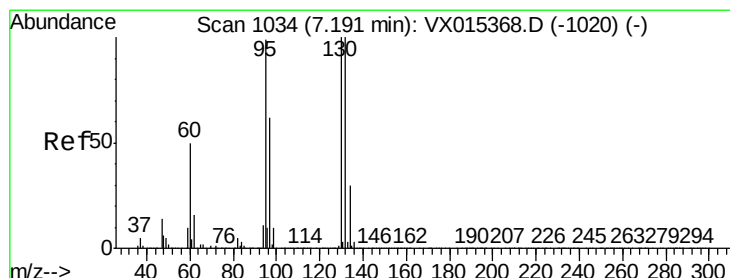
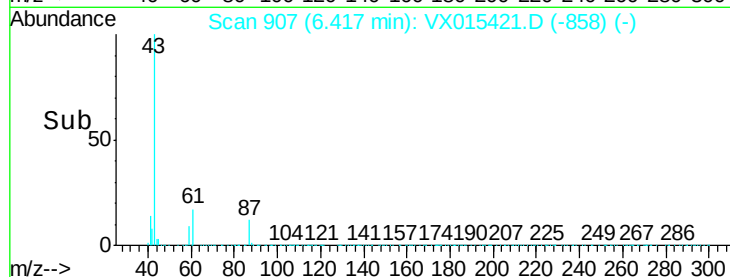
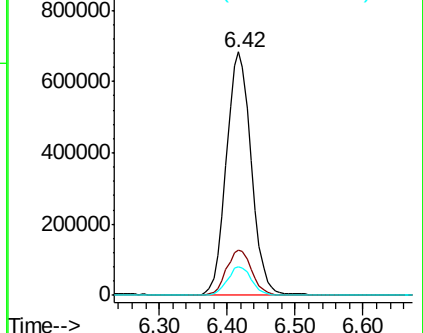
87 11.8 9.4 14.0



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: 49.773 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015421.D

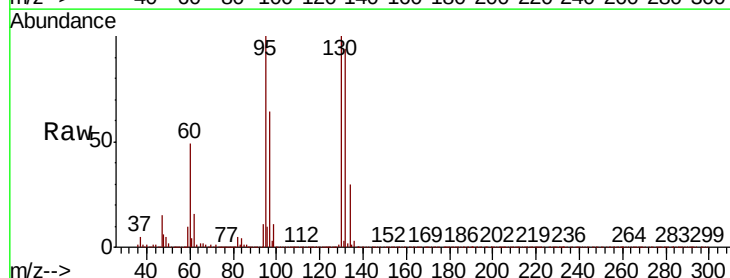
Acq: 28 Mar 2020 07:41

Tgt Ion: 130 Resp: 627339

Ion Ratio Lower Upper

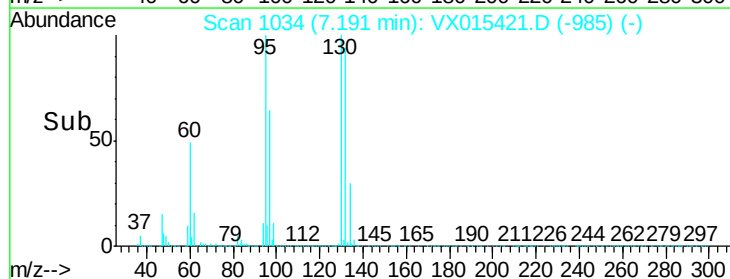
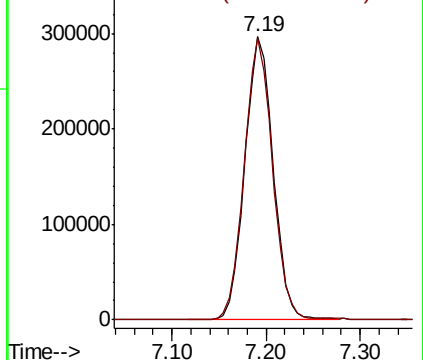
130 100

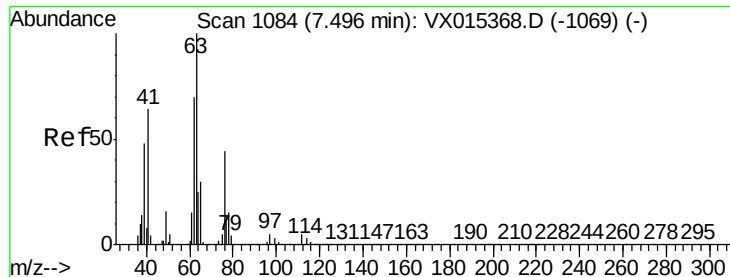
95 99.7 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

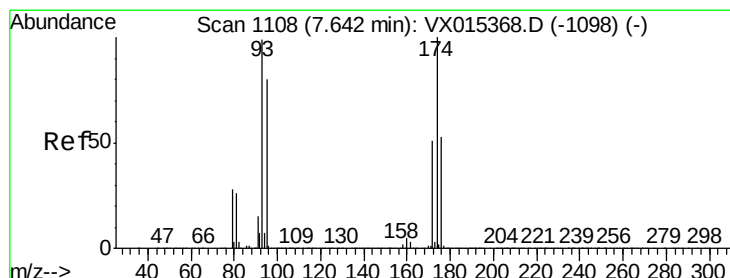
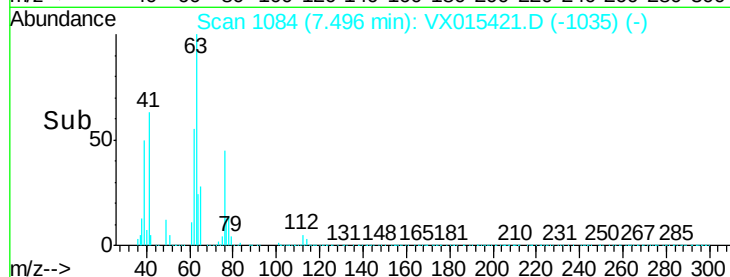
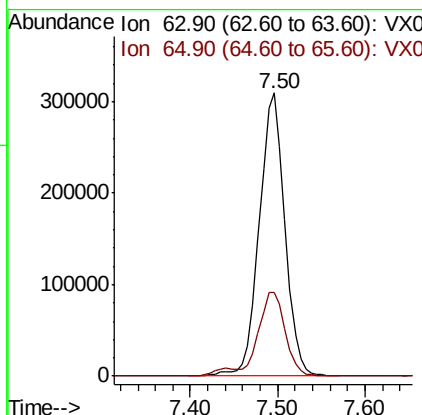
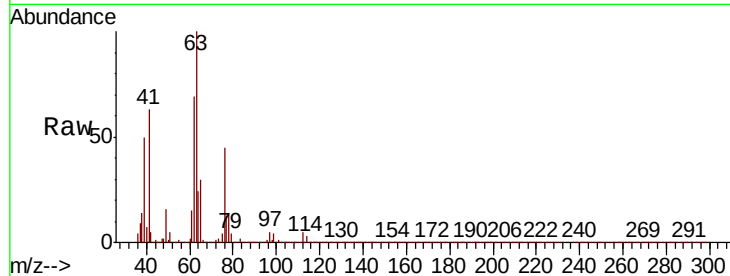




#45
 1,2-Dichloropropane
 Concen: 49.696 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

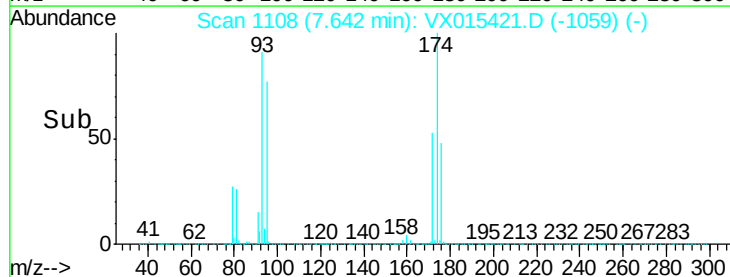
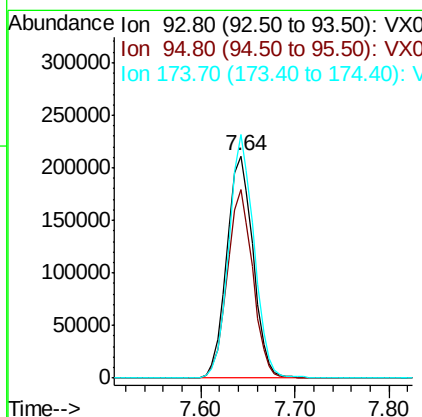
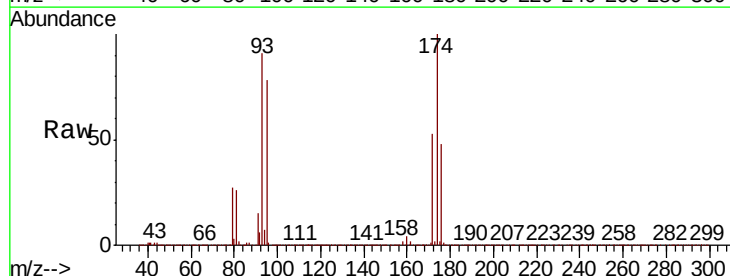
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

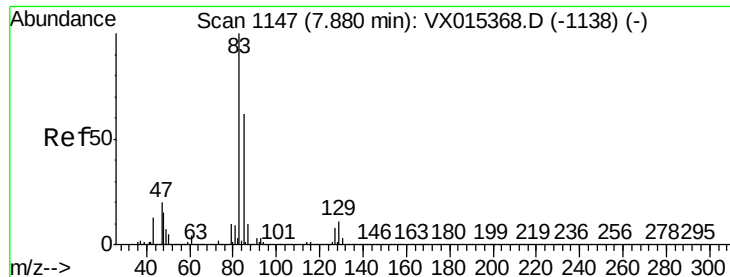
Tot Ion: 63 Resp: 628277
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.9 35.9



#46
 Dibromomethane
 Concen: 49.240 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

Tgt Ion: 93 Resp: 408352
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.8
 174 105.3 86.2 129.2





#47

Bromodichloromethane

Concen: 49.574 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

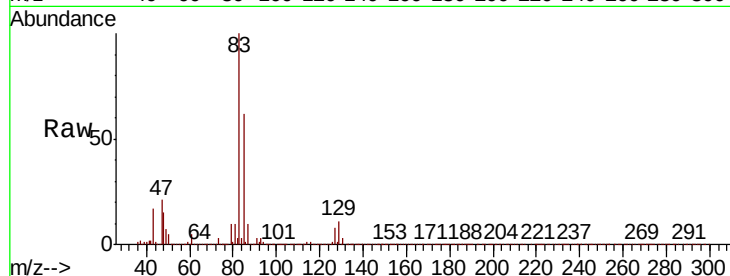
Tot Ion: 83 Resp: 876026

Ion Ratio Lower Upper

83 100

85 61.9 49.7 74.5

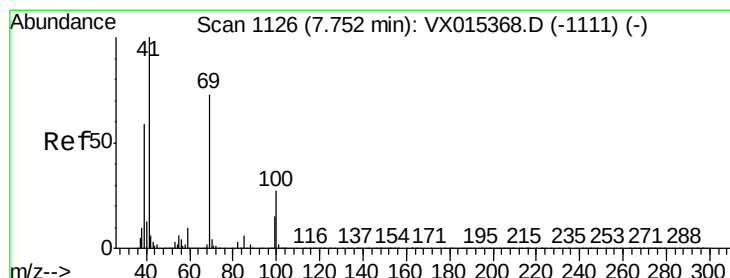
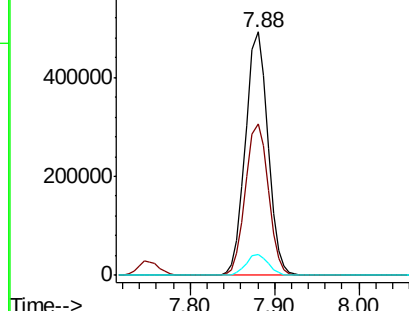
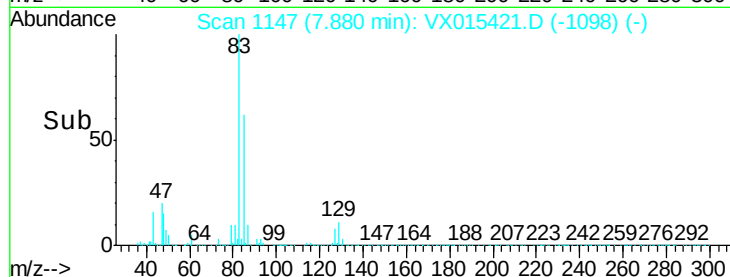
127 8.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.403 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

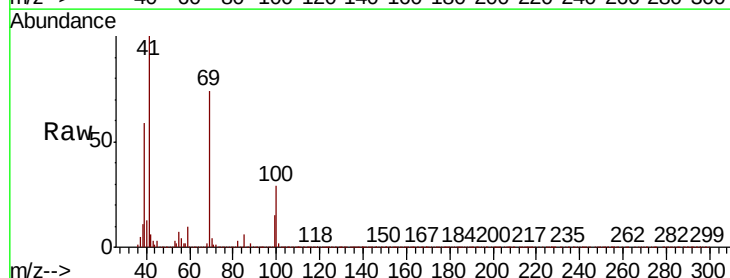
Tgt Ion: 41 Resp: 855723

Ion Ratio Lower Upper

41 100

69 72.0 56.7 85.1

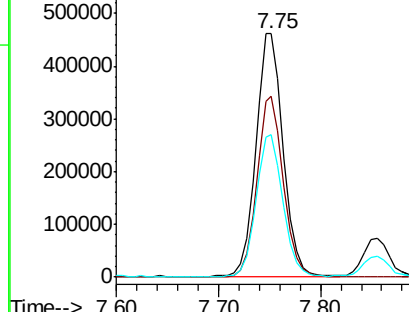
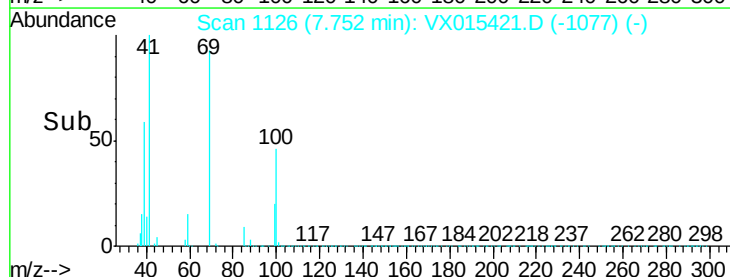
39 57.6 46.5 69.7

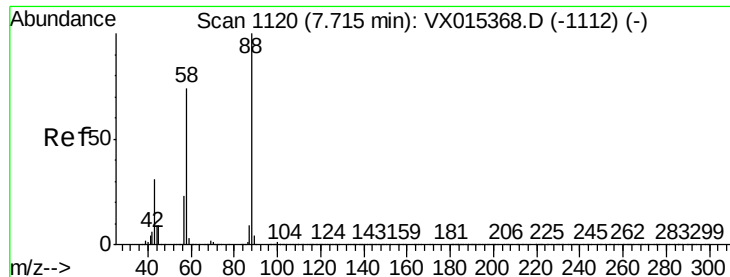


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 860.887 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

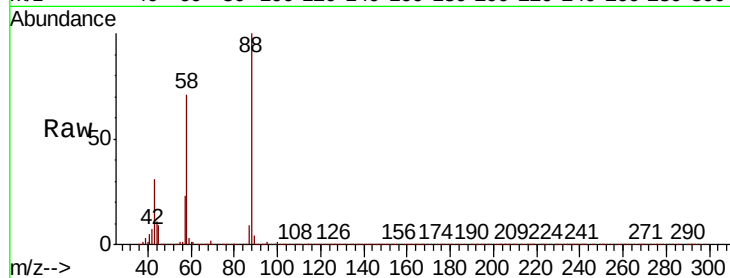
Tot Ion: 88 Resp: 278176

Ion Ratio Lower Upper

88 100

43 39.0 30.1 45.1

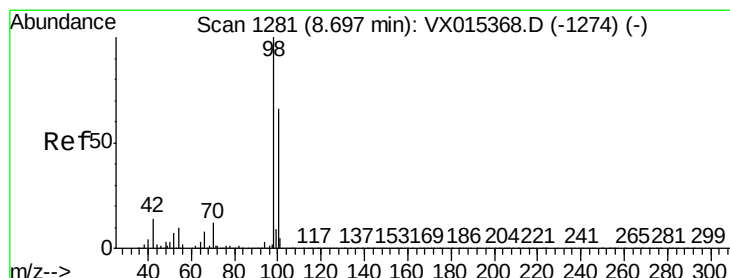
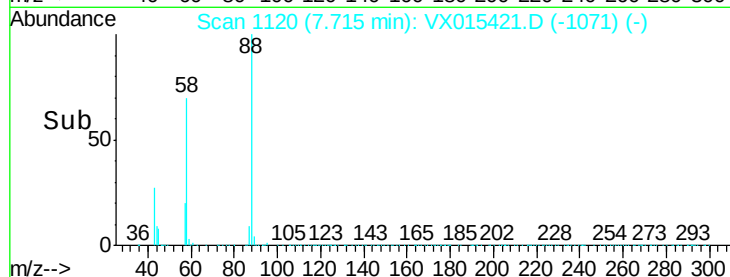
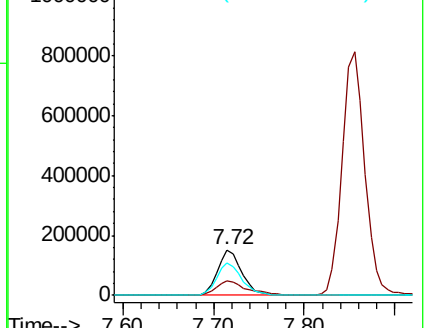
58 75.0 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.669 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015421.D

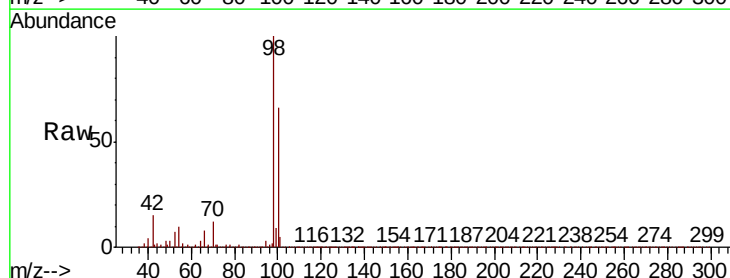
Acq: 28 Mar 2020 07:41

Tgt Ion: 98 Resp: 1920957

Ion Ratio Lower Upper

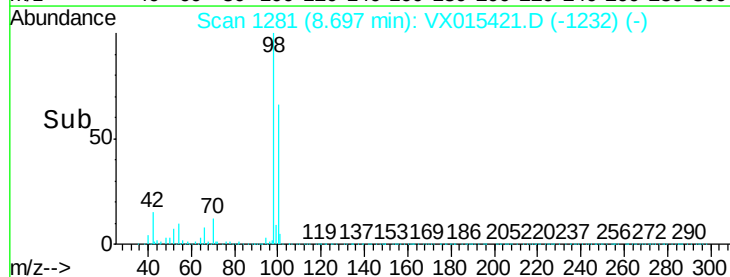
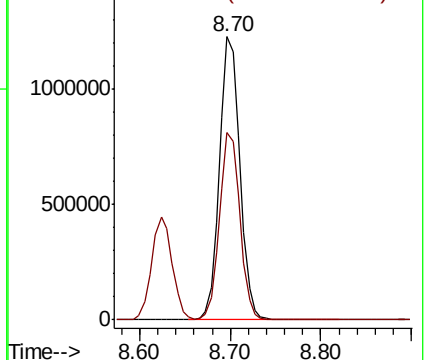
98 100

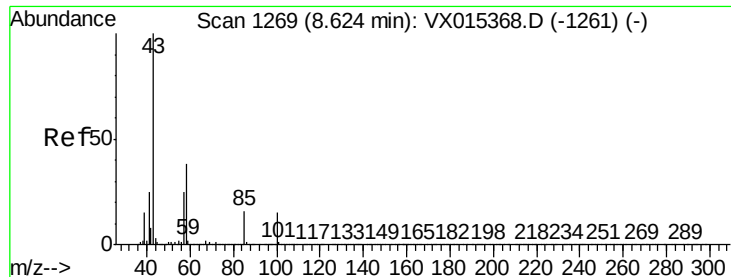
100 66.2 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 249.038 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

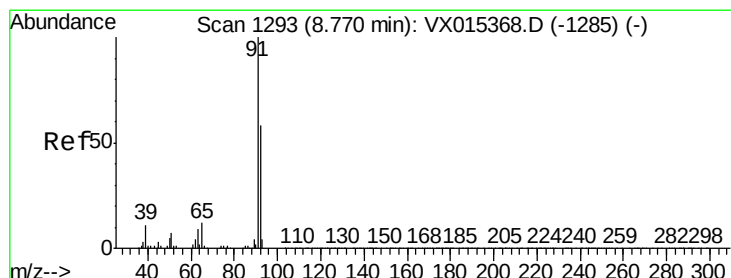
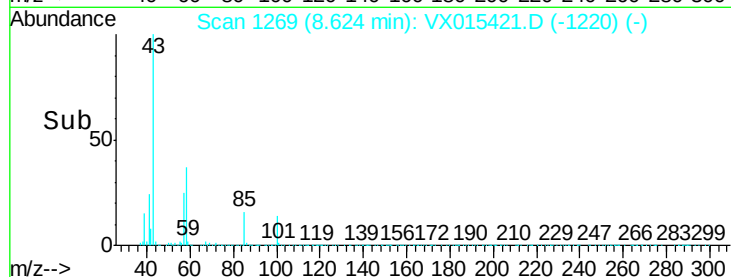
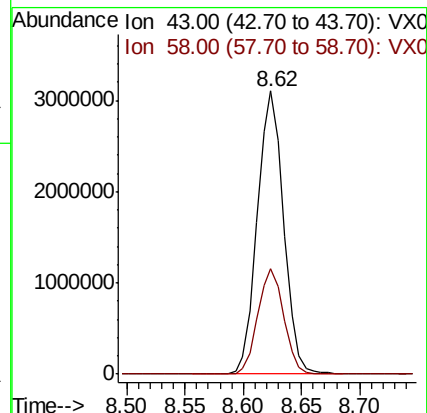
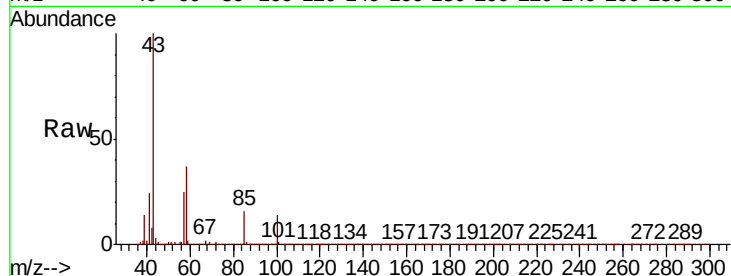
VSTDCCC050EC

Tot Ion: 43 Resp: 4894260

Ion Ratio Lower Upper

43 100

58 36.9 29.7 44.5



#52

Toluene

Concen: 50.964 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015421.D

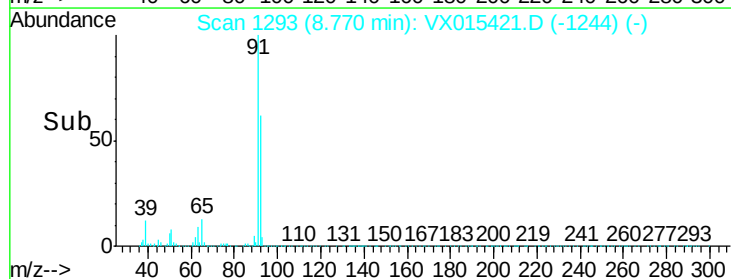
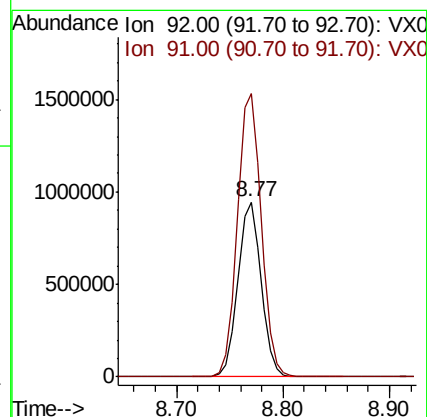
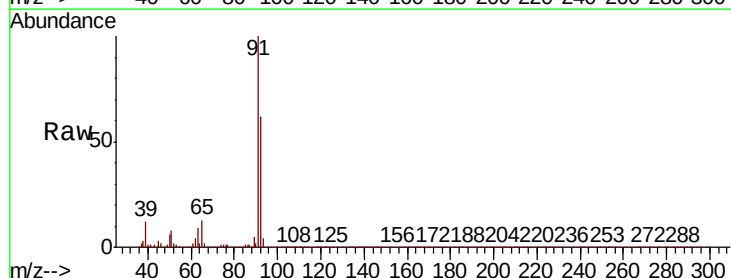
Acq: 28 Mar 2020 07:41

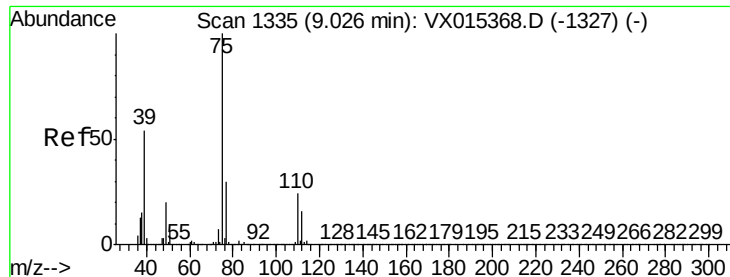
Tgt Ion: 92 Resp: 1452092

Ion Ratio Lower Upper

92 100

91 166.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 46.031 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

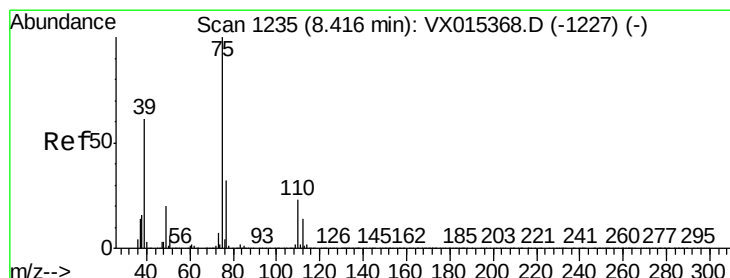
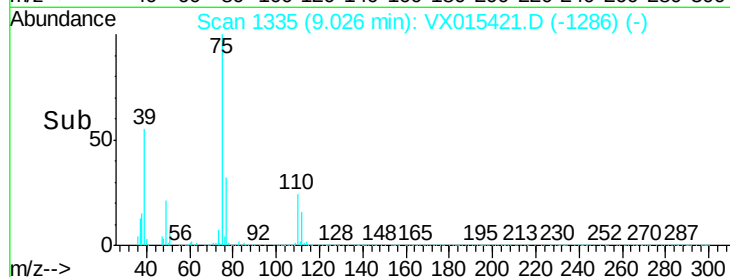
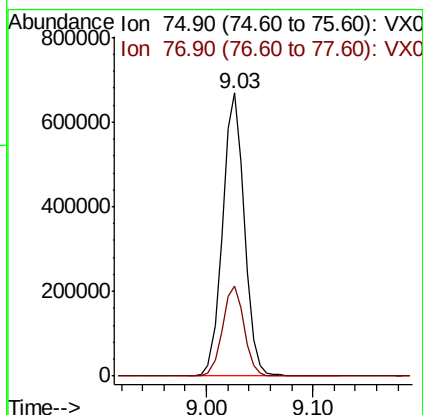
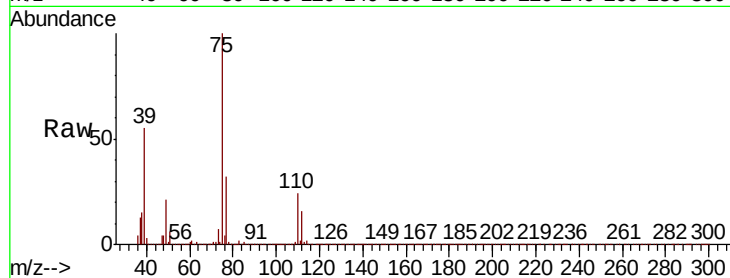
VSTDCCC050EC

Tot Ion: 75 Resp: 953984

Ion Ratio Lower Upper

75 100

77 31.9 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 47.328 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

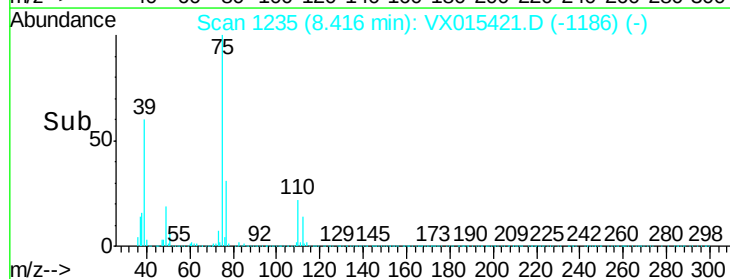
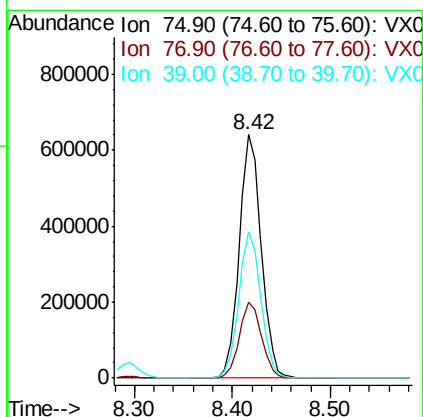
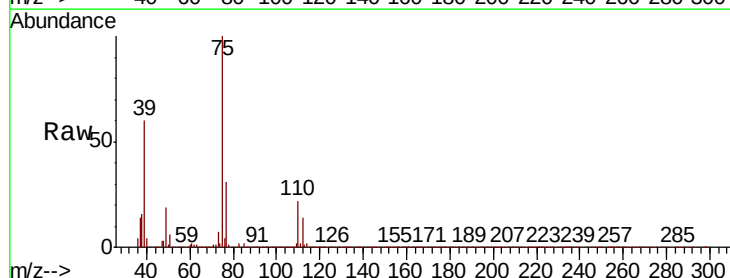
Tgt Ion: 75 Resp: 999173

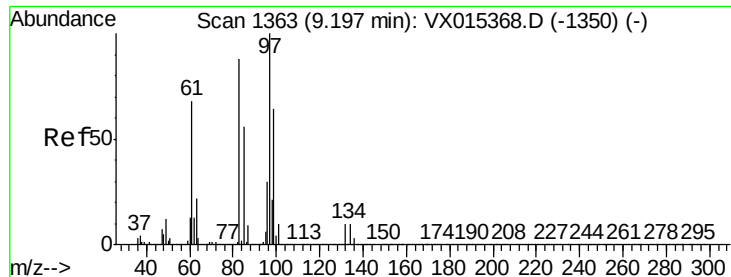
Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.6

39 59.8 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 49.518 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 578049

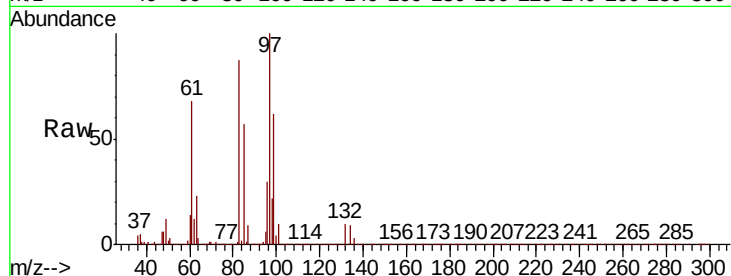
Ion Ratio Lower Upper

97 100

83 87.1 70.2 105.4

85 57.2 44.7 67.1

99 62.3 51.1 76.7

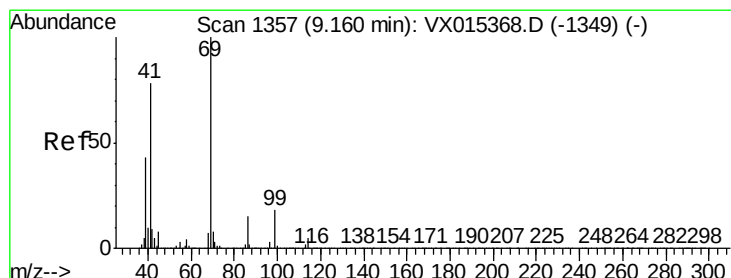
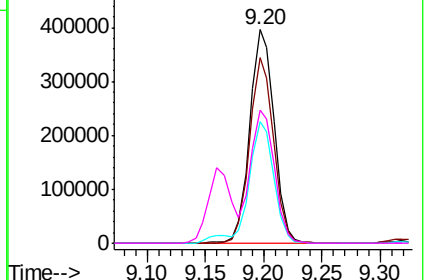
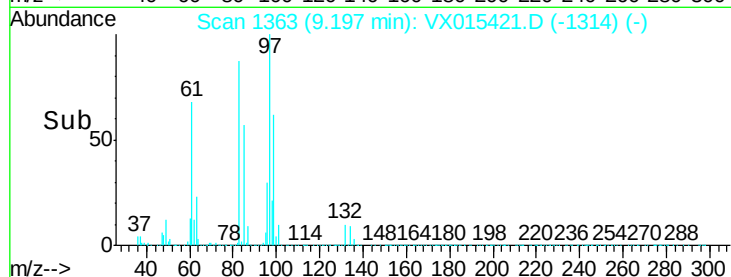


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.294 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

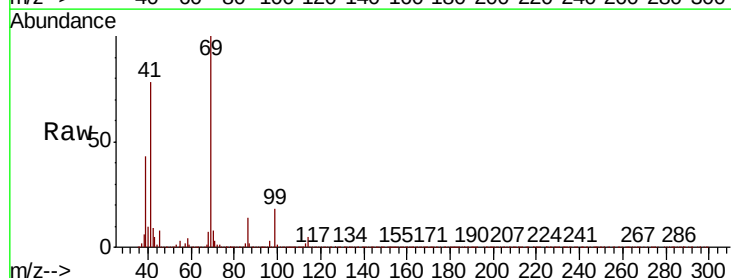
Tgt Ion: 69 Resp: 1034707

Ion Ratio Lower Upper

69 100

41 77.5 61.6 92.4

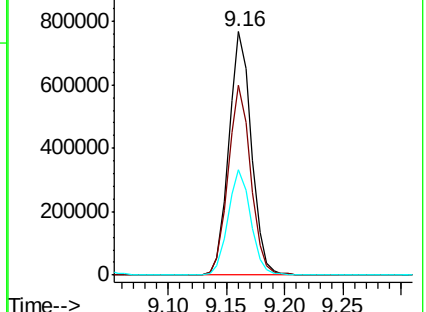
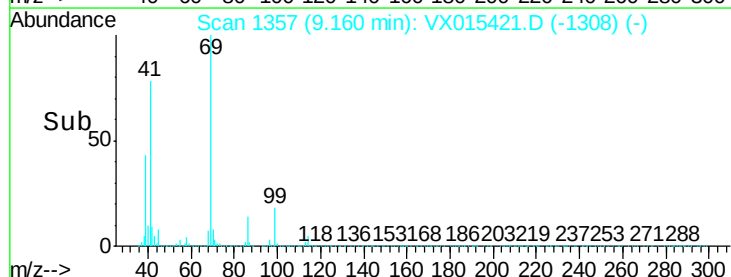
39 43.3 34.0 51.0

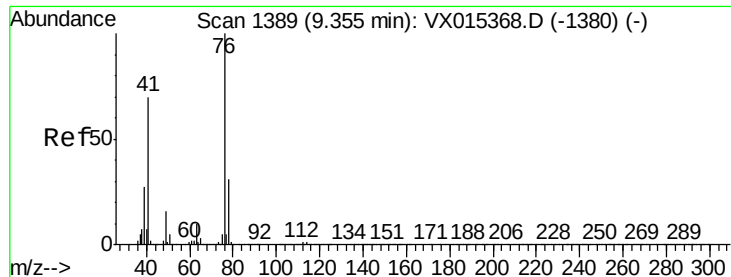


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

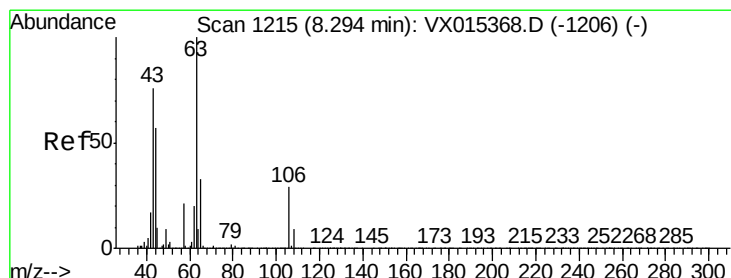
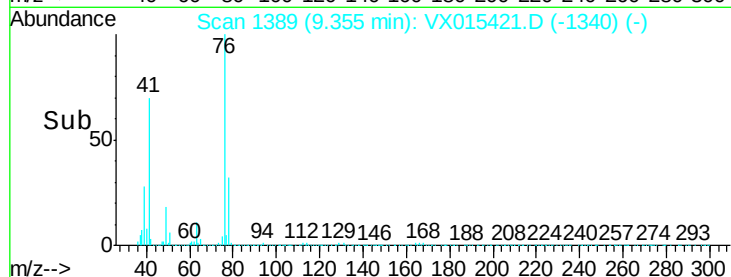
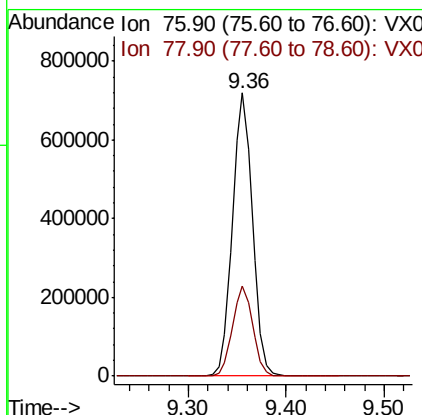
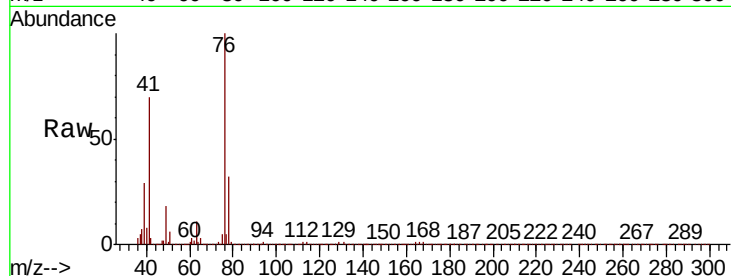




#57
 1,3-Dichloropropane
 Concen: 48.494 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

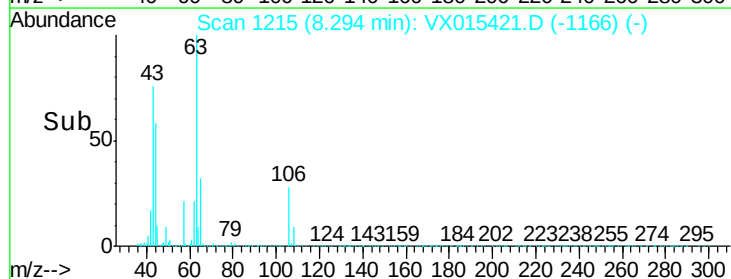
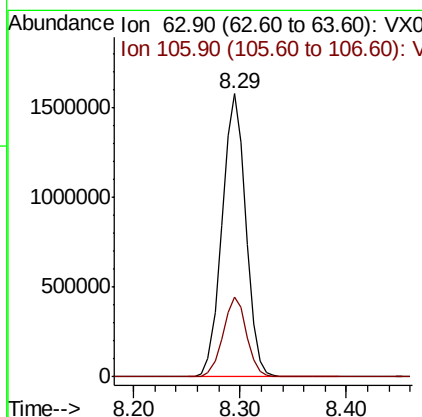
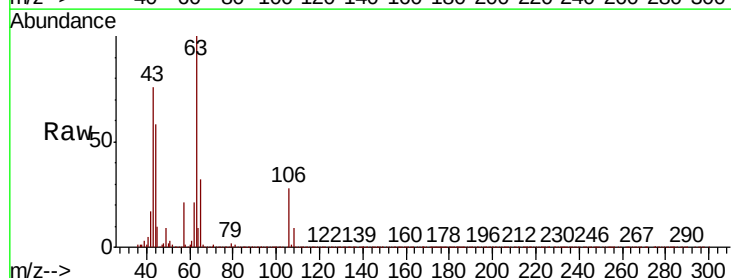
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

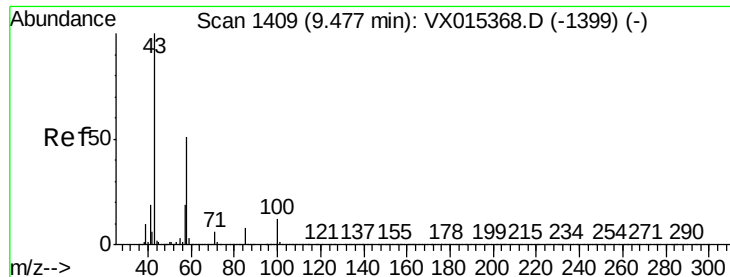
Tot Ion: 76 Resp: 1019922
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.118 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

Tgt Ion: 63 Resp: 2462863
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.7 34.1

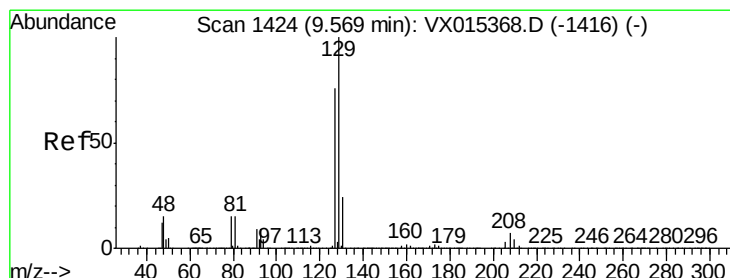
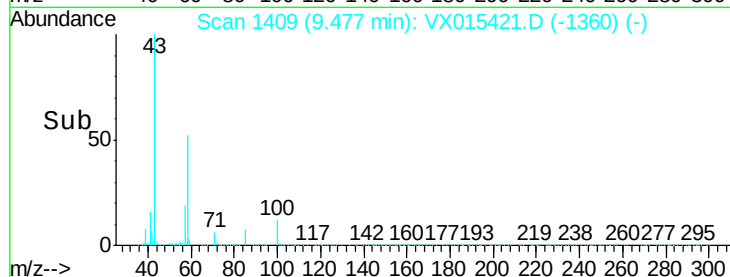
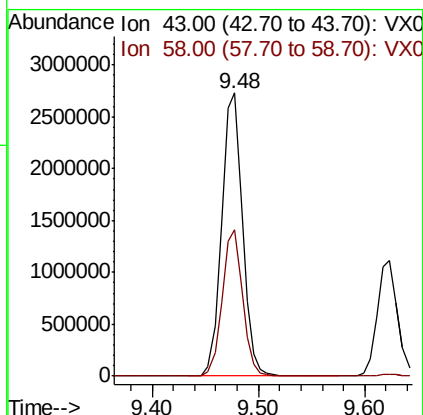
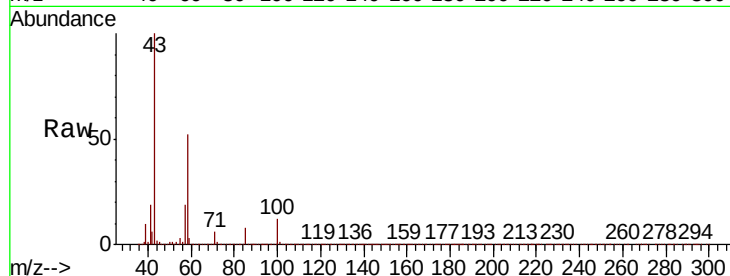




#59
2-Hexanone
Concen: 251.539 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

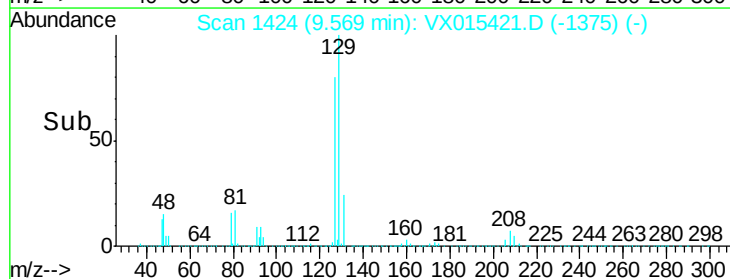
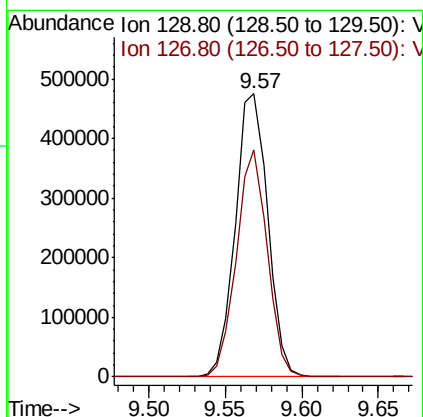
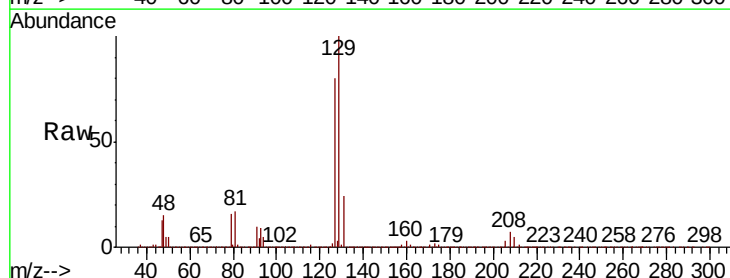
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

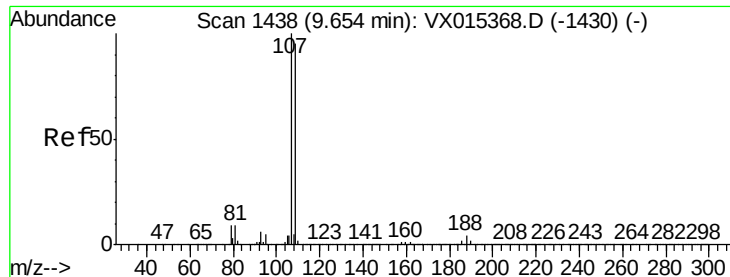
Tot Ion: 43 Resp: 3732172
Ion Ratio Lower Upper
43 100
58 50.8 25.6 76.6



#60
Dibromochloromethane
Concen: 49.710 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Tgt Ion: 129 Resp: 697297
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6

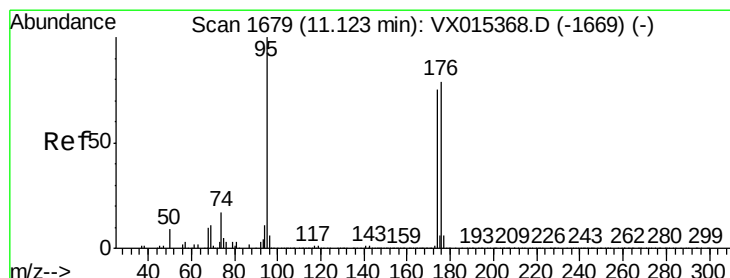
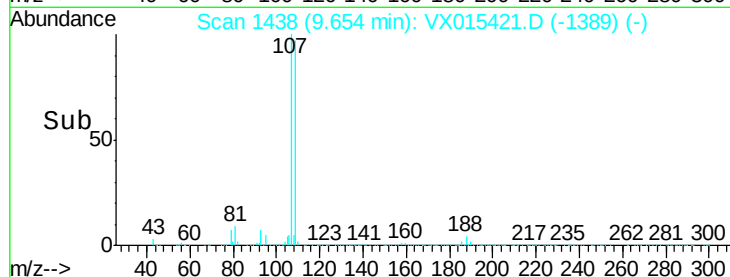
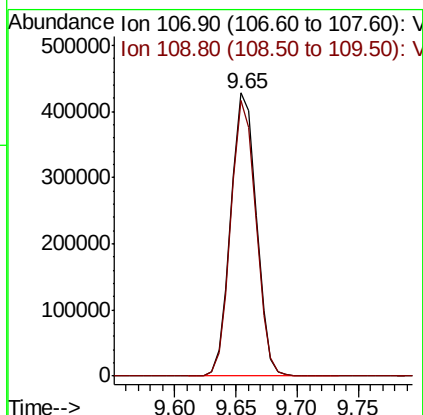
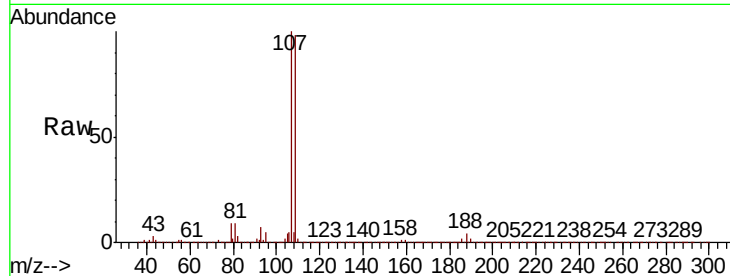




#61
 1,2-Dibromoethane
 Concen: 48.624 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

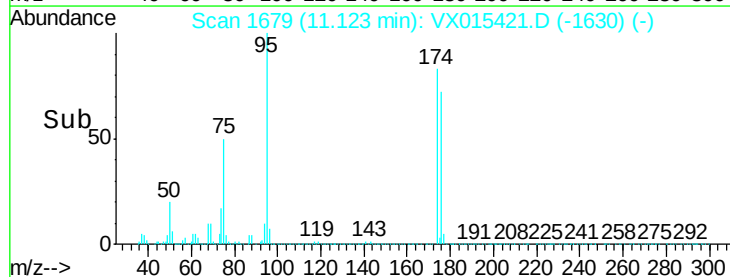
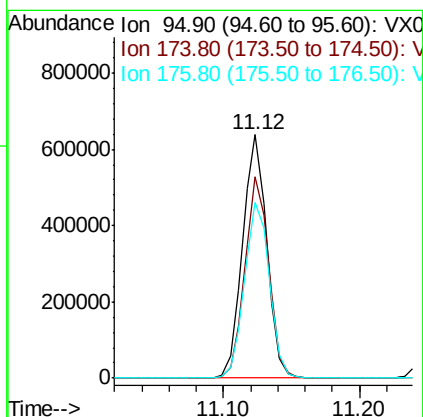
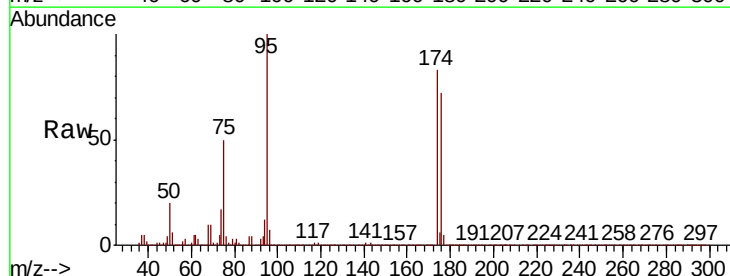
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

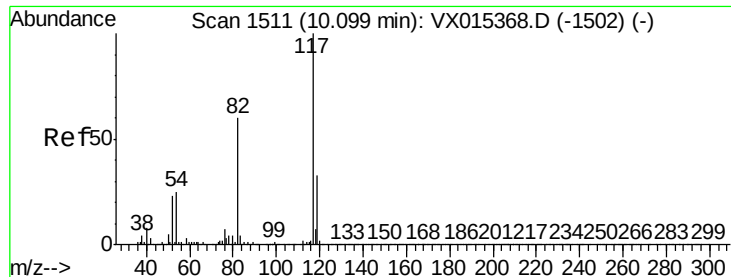
Tot Ion:107 Resp: 617194
 Ion Ratio Lower Upper
 107 100
 109 96.3 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.275 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

Tgt Ion: 95 Resp: 790603
 Ion Ratio Lower Upper
 95 100
 174 82.0 0.0 158.6
 176 75.0 0.0 159.0

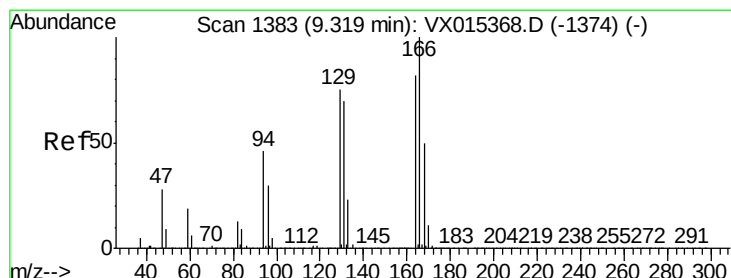
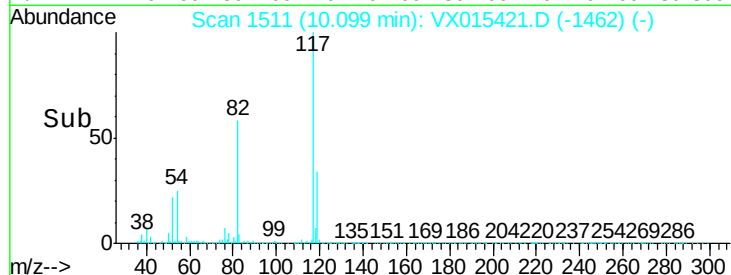
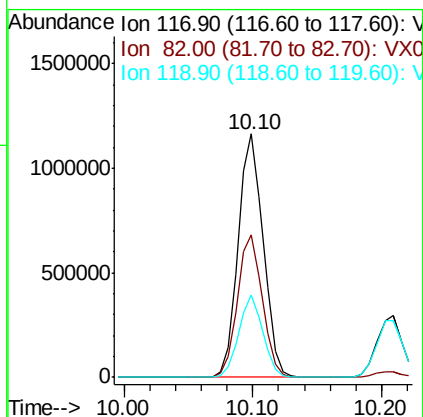
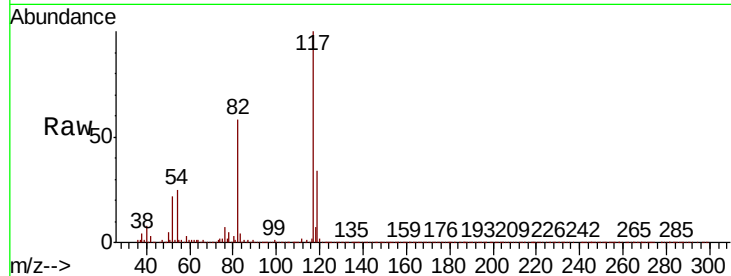




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

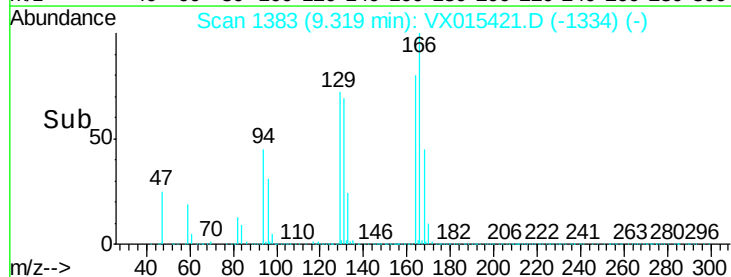
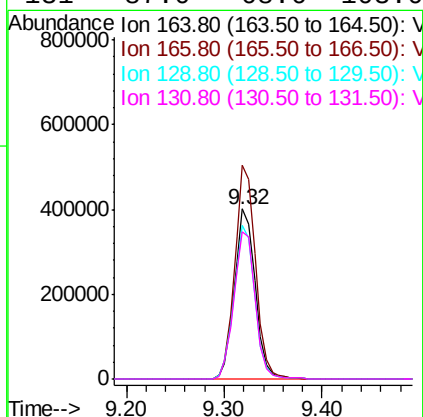
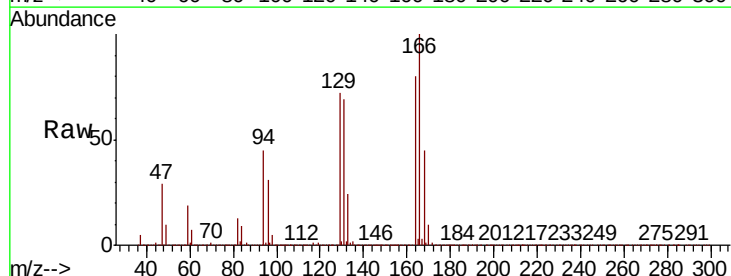
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

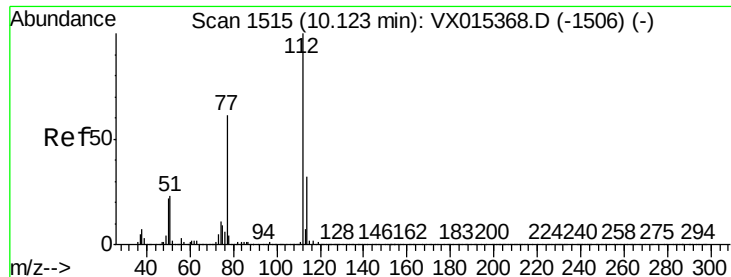
Tot Ion:117 Resp: 1568825
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.8
119 33.9 26.8 40.2



#64
Tetrachloroethene
Concen: 50.079 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Tgt Ion:164 Resp: 592908
Ion Ratio Lower Upper
164 100
166 125.7 97.8 146.6
129 90.6 73.0 109.4
131 87.0 68.6 103.0

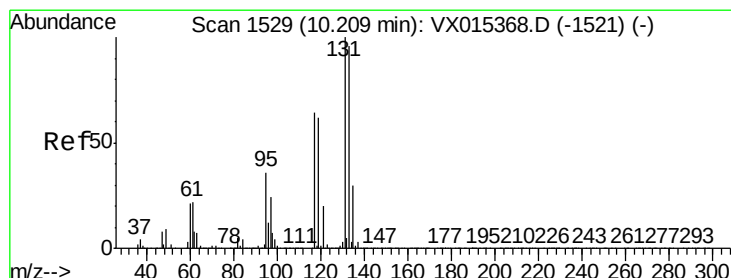
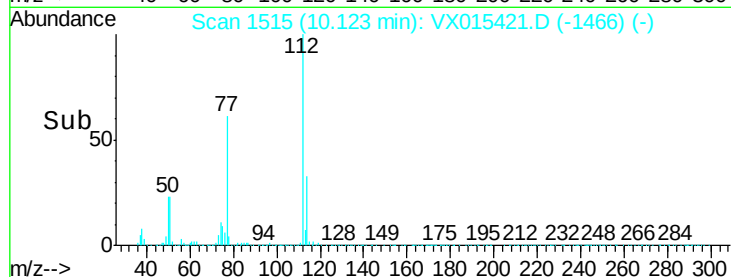
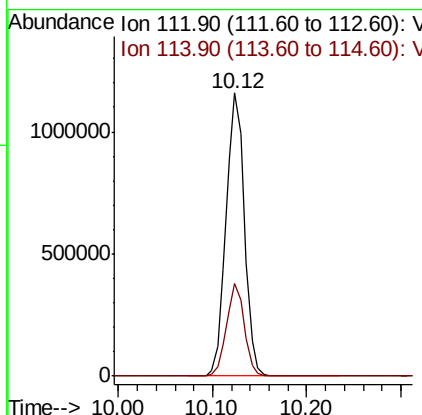
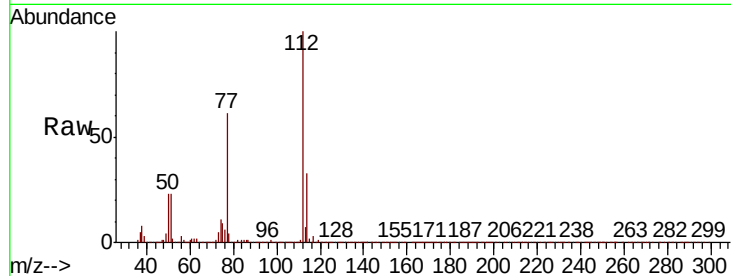




#65
Chlorobenzene
Concen: 50.153 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

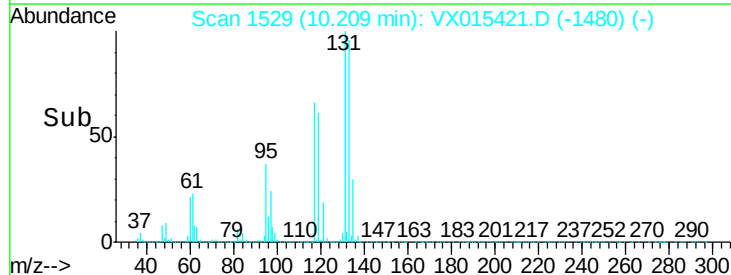
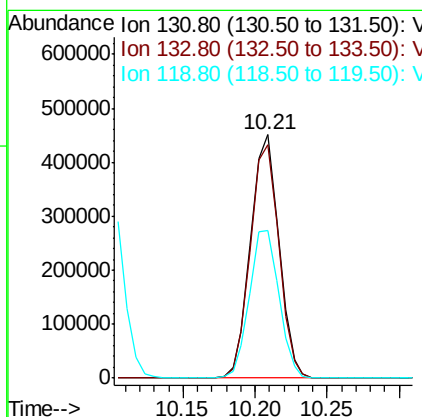
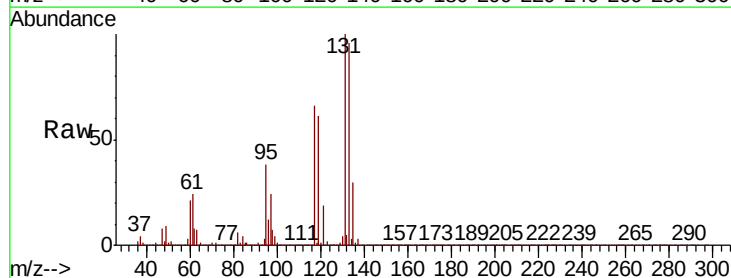
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

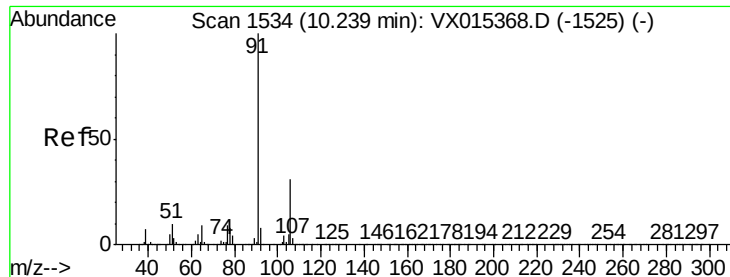
Tot Ion:112 Resp: 1569158
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.034 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Tgt Ion:131 Resp: 612895
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.9
119 63.0 31.1 93.3





#67

Ethyl Benzene

Concen: 50.498 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

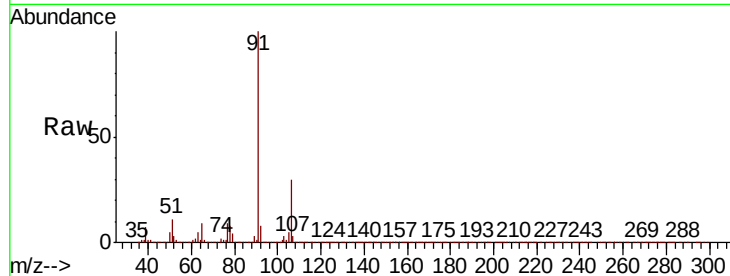
VSTDCCC050EC

Tot Ion: 91 Resp: 2802137

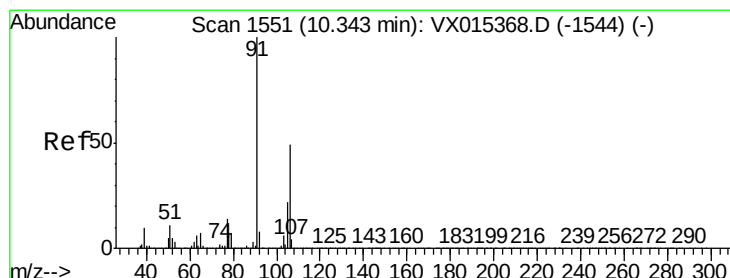
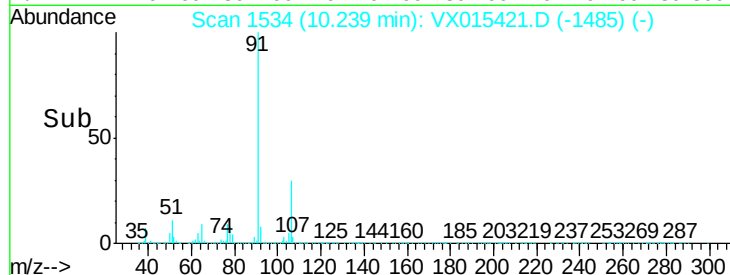
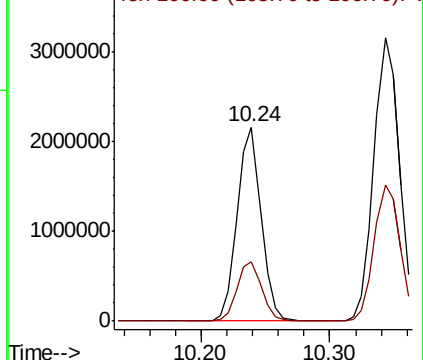
Ion Ratio Lower Upper

91 100

106 30.4 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX015368.D (-1525) (-)



#68

m/p-Xylenes

Concen: 101.802 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015421.D

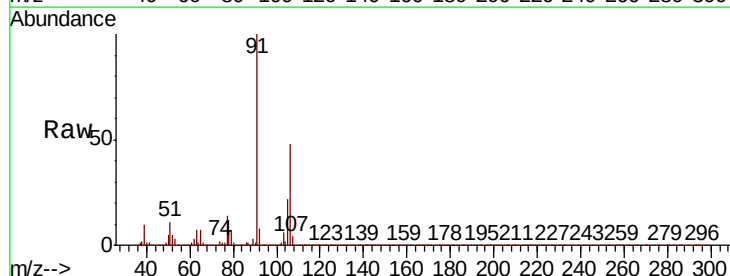
Acq: 28 Mar 2020 07:41

Tgt Ion: 106 Resp: 2103512

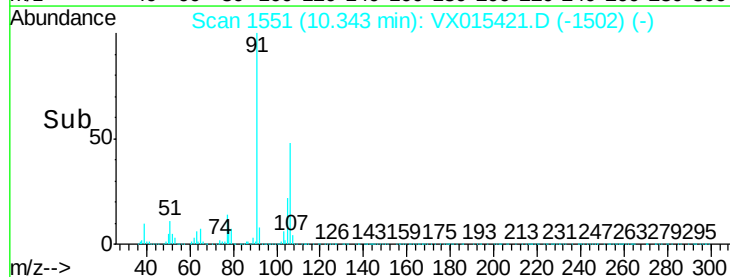
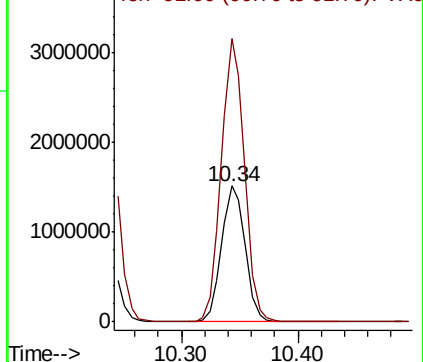
Ion Ratio Lower Upper

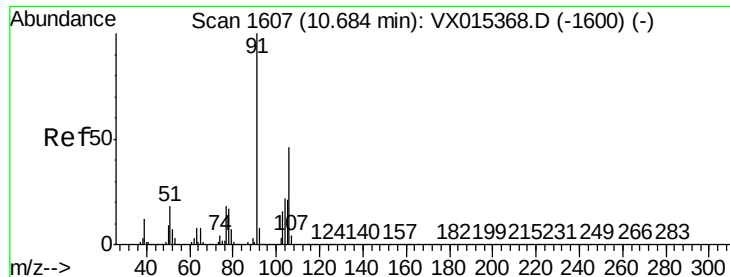
106 100

91 205.0 163.4 245.0



Abundance Ion 106.00 (105.70 to 106.70): VX015368.D (-1544) (-)





#69

o-Xylene

Concen: 50.582 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

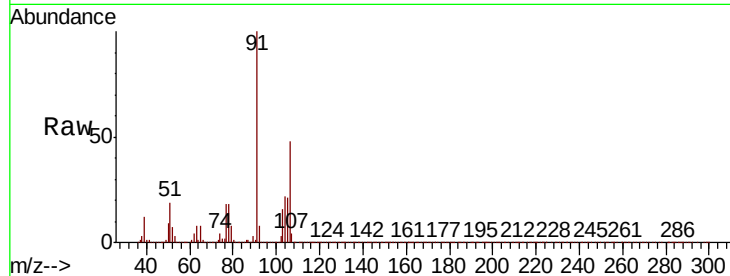
VSTDCCC050EC

Tot Ion:106 Resp: 1032806

Ion Ratio Lower Upper

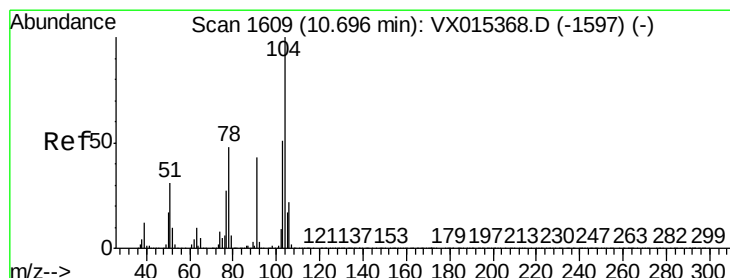
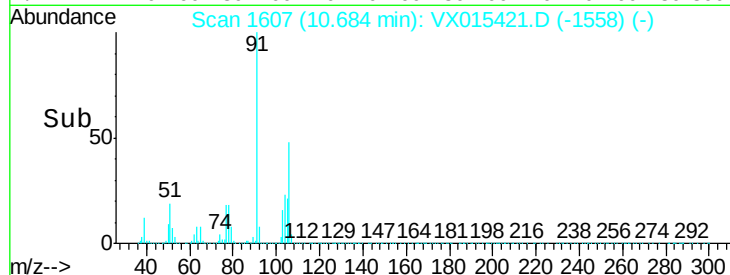
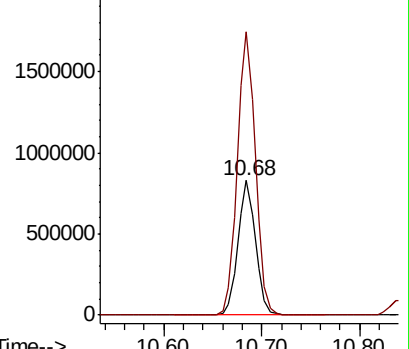
106 100

91 216.6 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 49.814 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

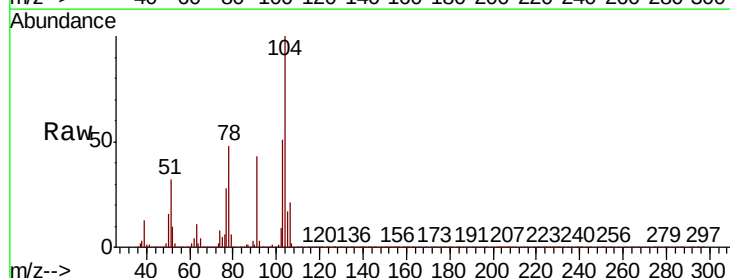
Tgt Ion:104 Resp: 1789796

Ion Ratio Lower Upper

104 100

78 52.8 42.0 63.0

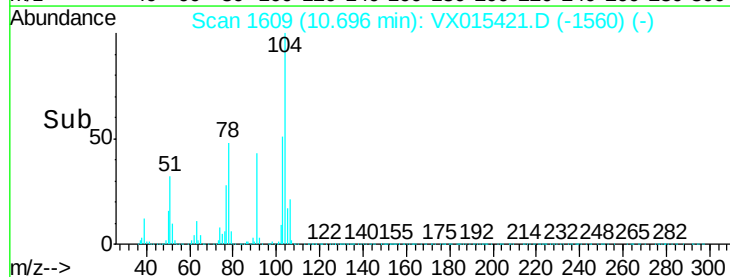
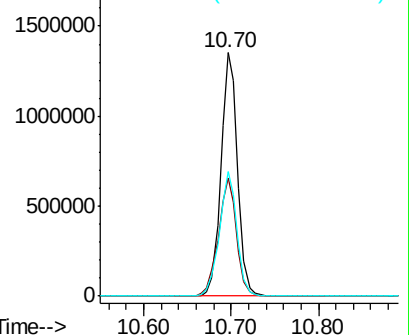
103 54.3 43.4 65.0

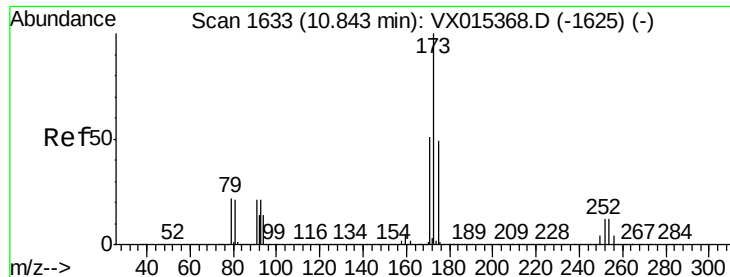


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 45.503 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

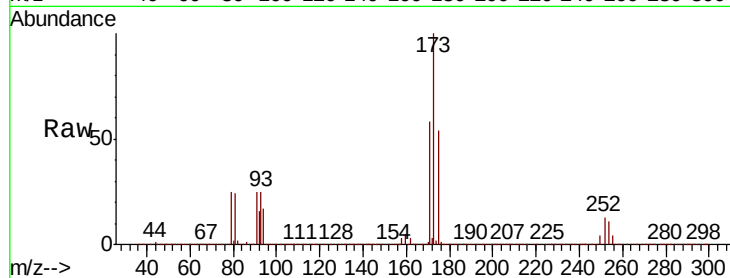
Tot Ion:173 Resp: 517763

Ion Ratio Lower Upper

173 100

175 50.9 23.9 71.7

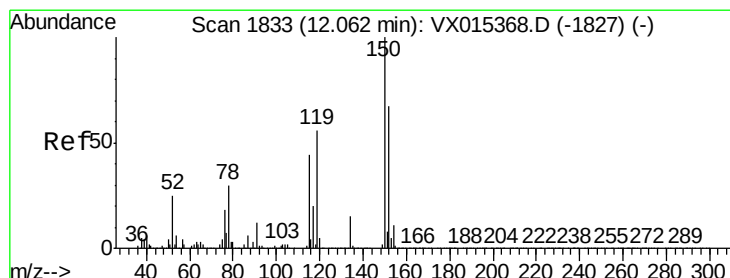
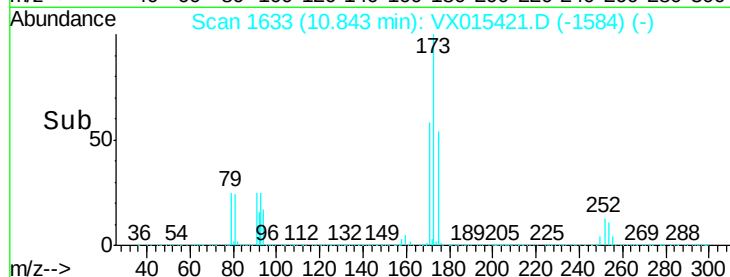
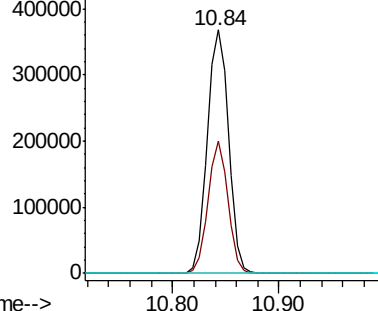
254 0.2 0.1 0.1#



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: VX015421.D

Acq: 28 Mar 2020 07:41

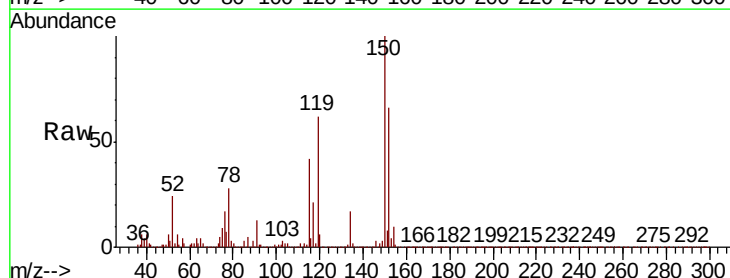
Tgt Ion:152 Resp: 856828

Ion Ratio Lower Upper

152 100

115 79.2 39.0 116.9

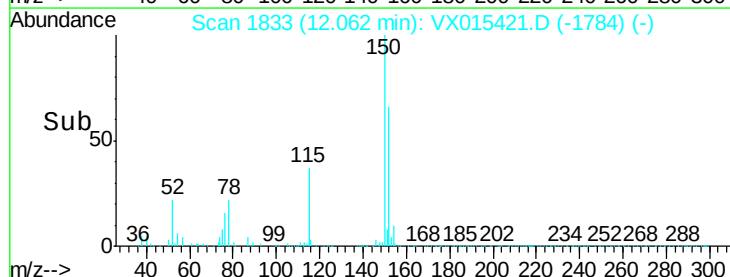
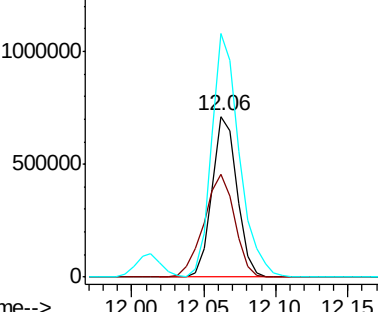
150 167.3 0.0 340.8

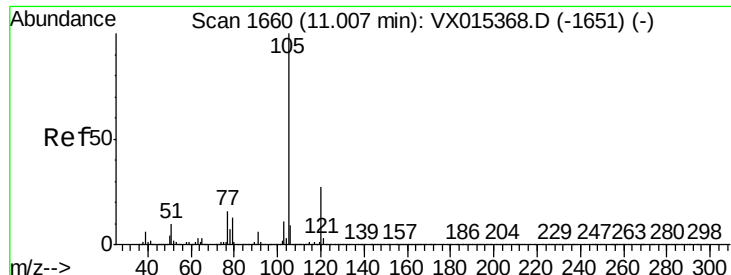


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.656 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

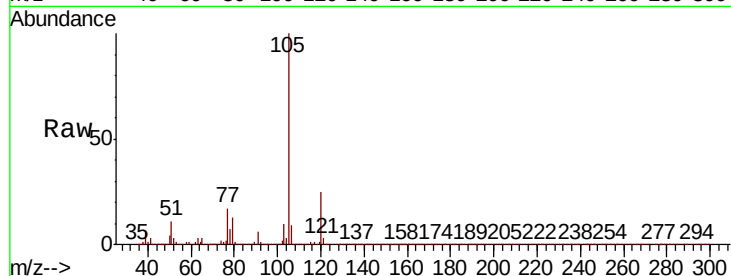
VSTDCCC050EC

Tot Ion:105 Resp: 2731629

Ion Ratio Lower Upper

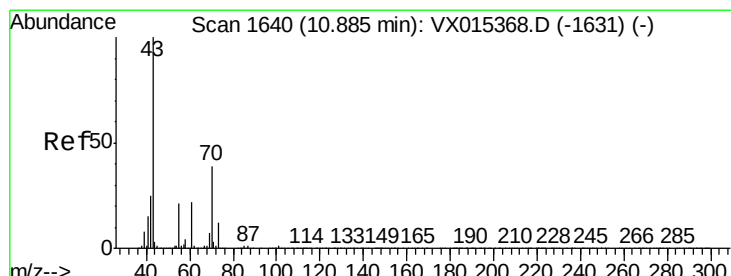
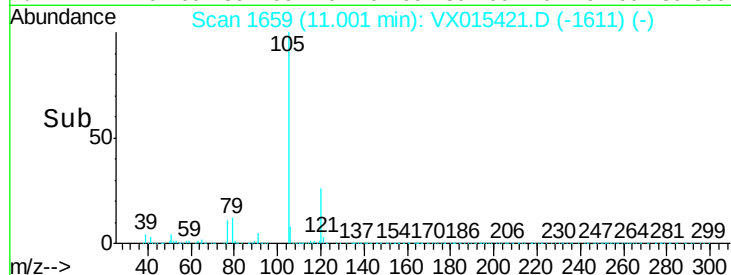
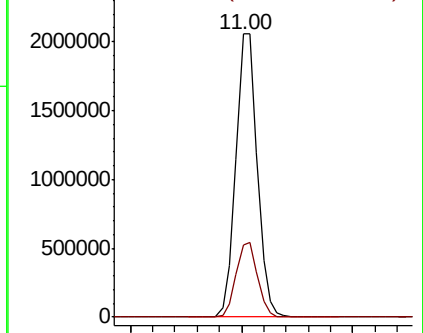
105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.340 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Tgt Ion: 43 Resp: 1540624

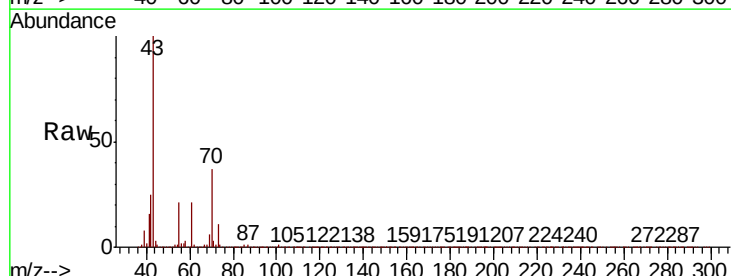
Ion Ratio Lower Upper

43 100

70 37.7 30.2 45.4

55 21.4 16.8 25.2

61 22.3 18.2 27.2

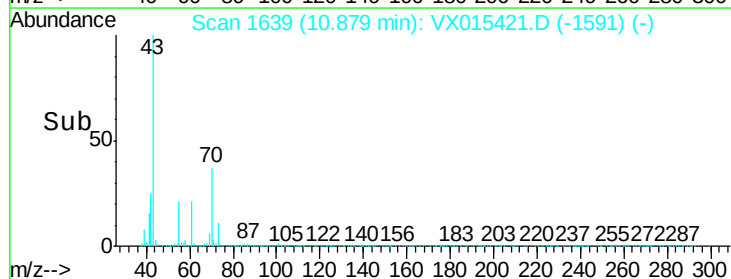
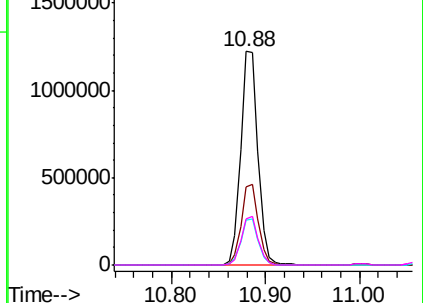


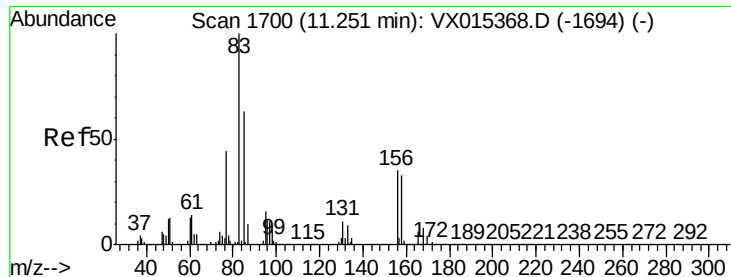
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.370 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

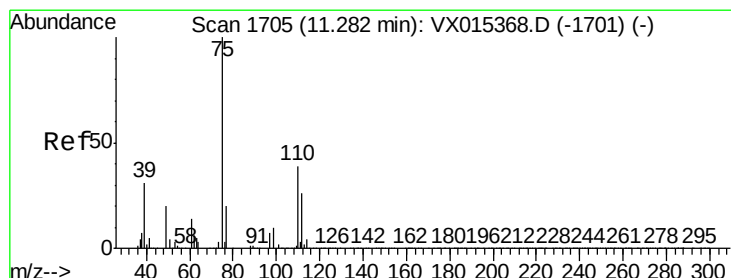
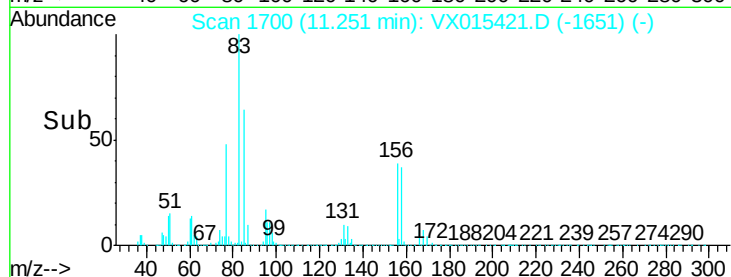
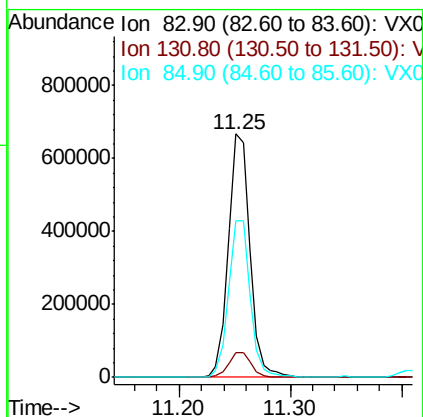
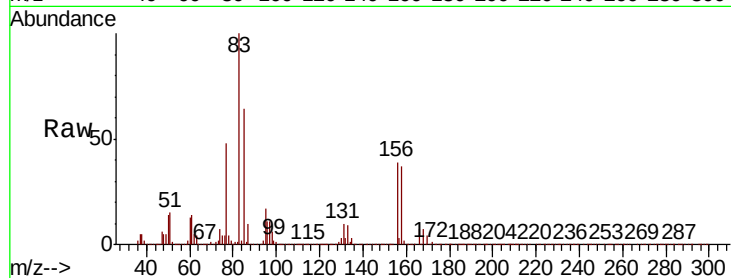
Tot Ion: 83 Resp: 893273

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

85 64.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 61.194 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015421.D

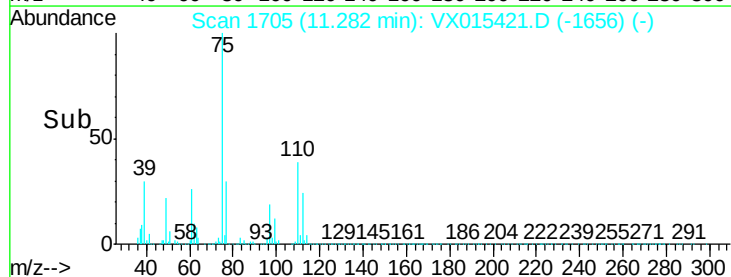
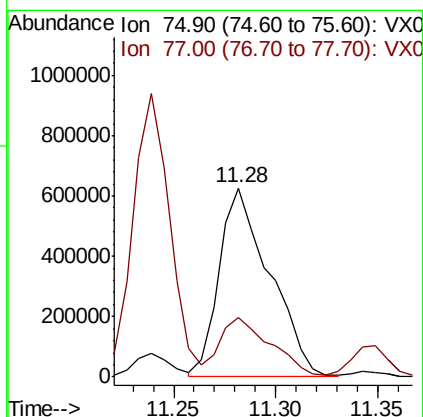
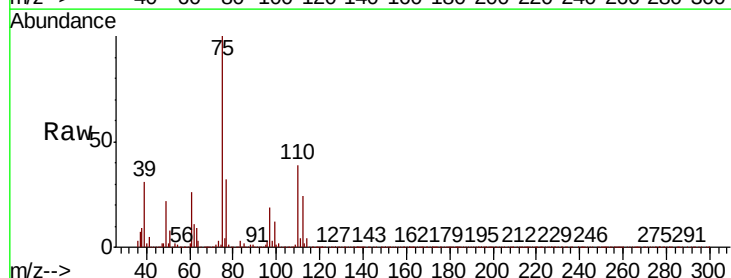
Acq: 28 Mar 2020 07:41

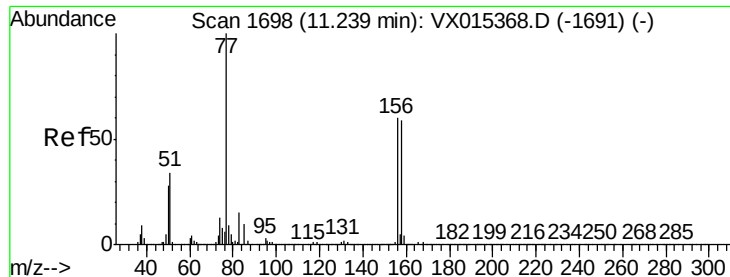
Tgt Ion: 75 Resp: 1078236

Ion Ratio Lower Upper

75 100

77 31.4 21.2 63.6





#77

Bromobenzene

Concen: 46.337 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

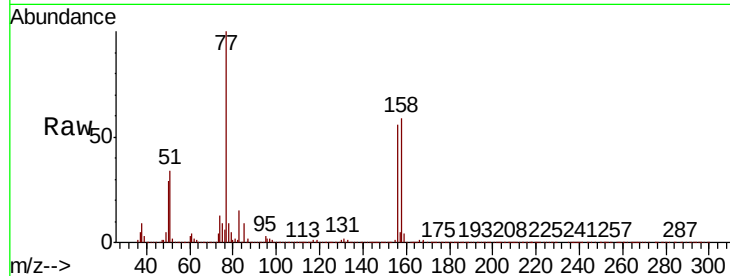
Tot Ion:156 Resp: 693891

Ion Ratio Lower Upper

156 100

77 169.5 82.2 246.5

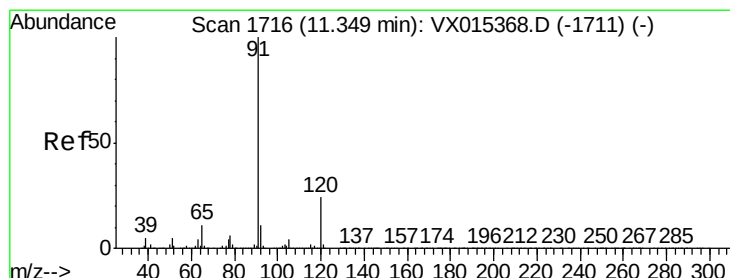
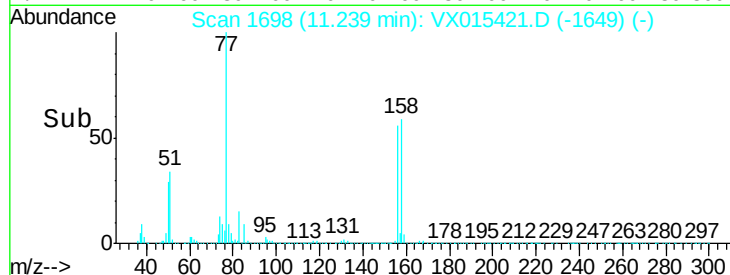
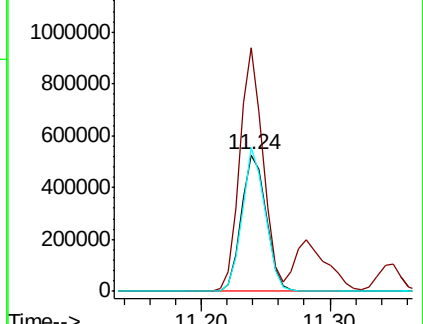
158 98.0 49.3 147.9



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: 49.389 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.00 min

Lab File: VX015421.D

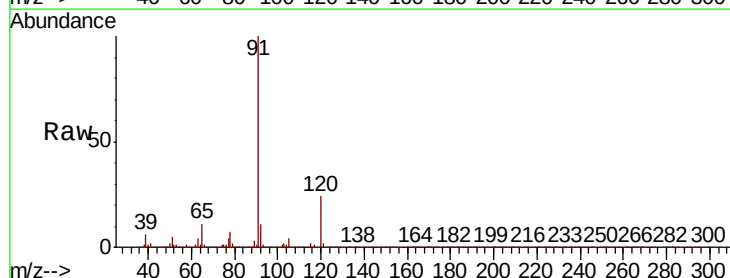
Acq: 28 Mar 2020 07:41

Tgt Ion: 91 Resp: 3170548

Ion Ratio Lower Upper

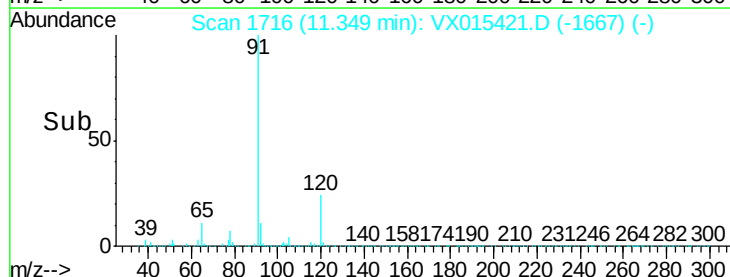
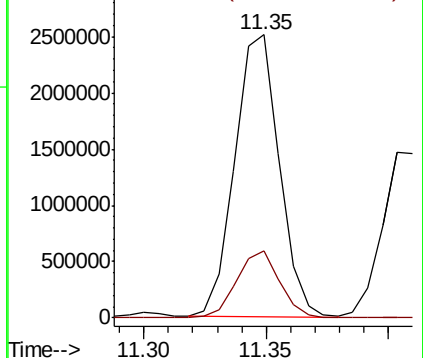
91 100

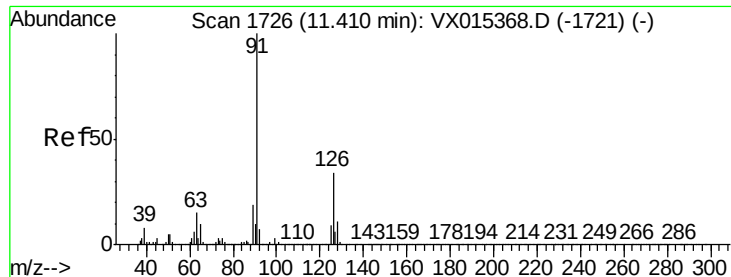
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.102 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

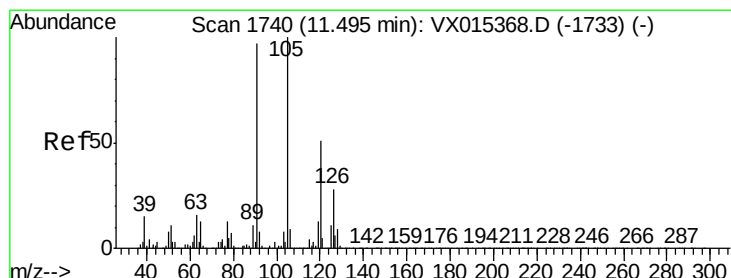
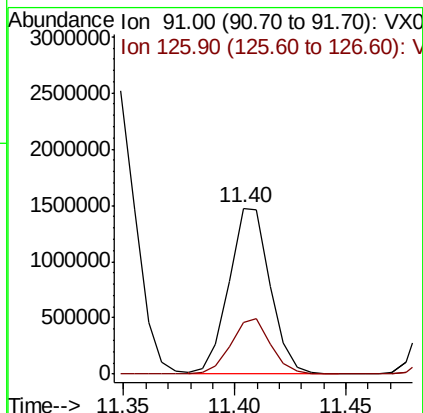
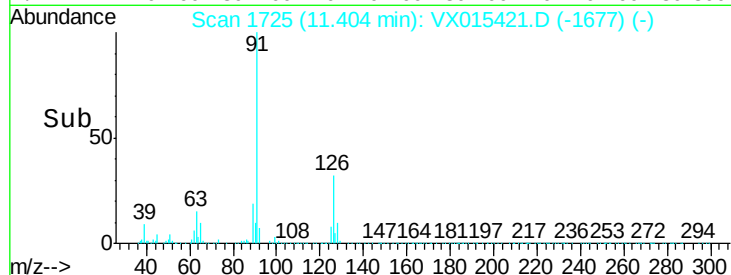
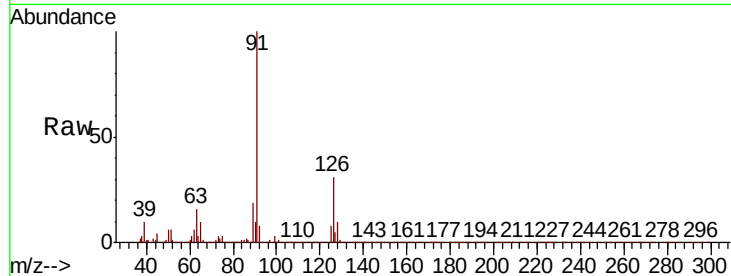
VSTDCCC050EC

Tot Ion: 91 Resp: 1892679

Ion Ratio Lower Upper

91 100

126 32.9 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 49.193 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015421.D

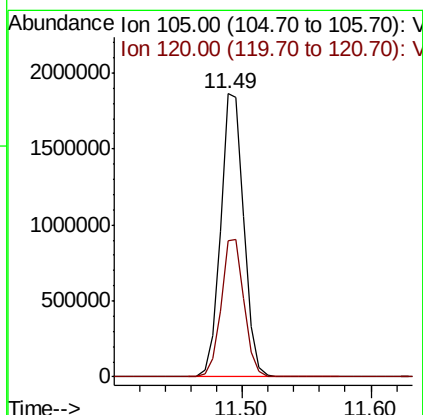
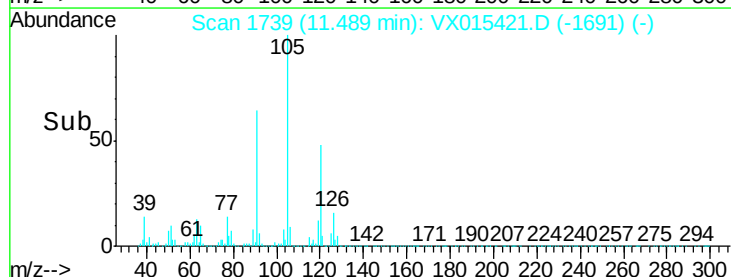
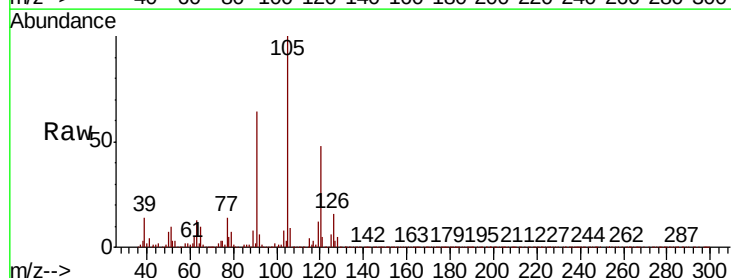
Acq: 28 Mar 2020 07:41

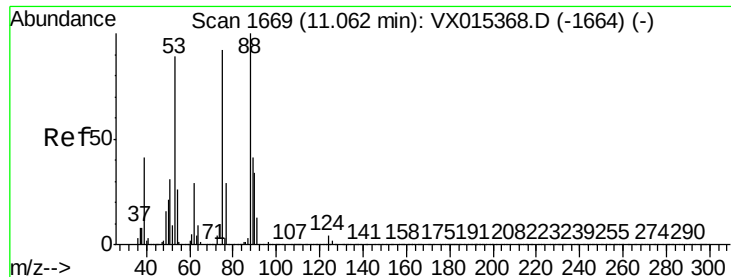
Tgt Ion: 105 Resp: 2358631

Ion Ratio Lower Upper

105 100

120 48.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 41.342 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

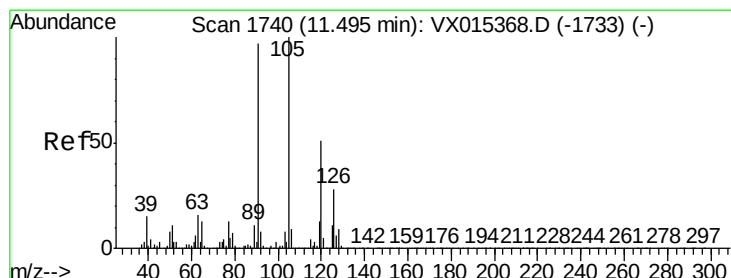
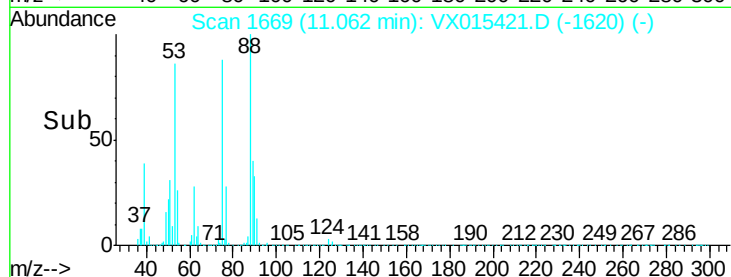
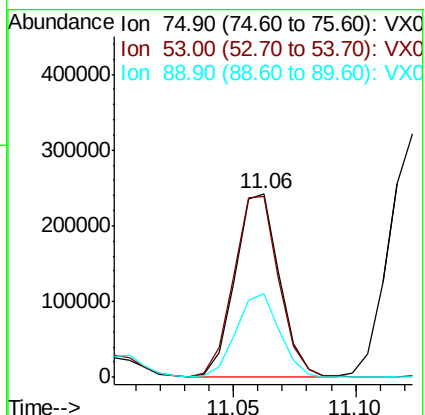
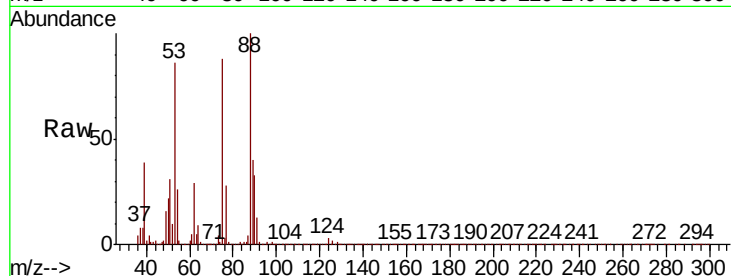
Tot Ion: 75 Resp: 303591

Ion Ratio Lower Upper

75 100

53 100.4 80.1 120.1

89 45.4 36.1 54.1



#82

4-Chlorotoluene

Concen: 48.123 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015421.D

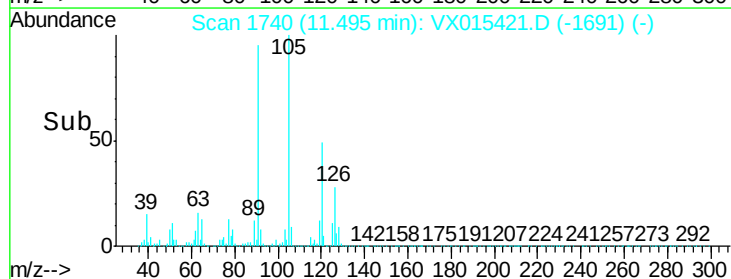
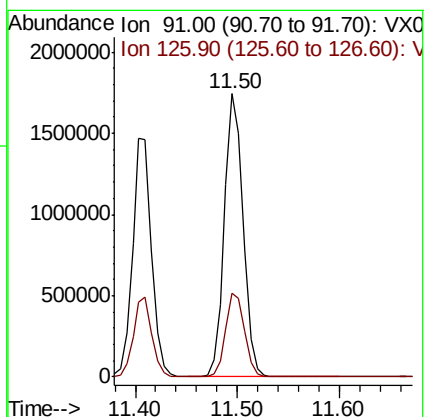
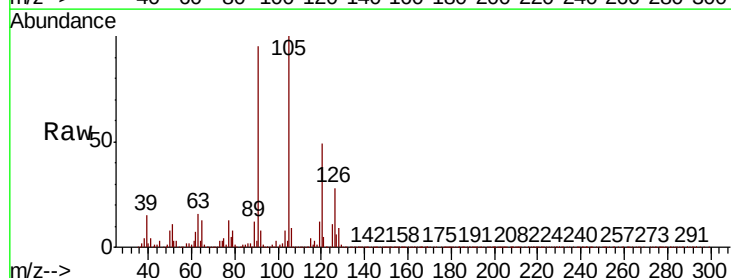
Acq: 28 Mar 2020 07:41

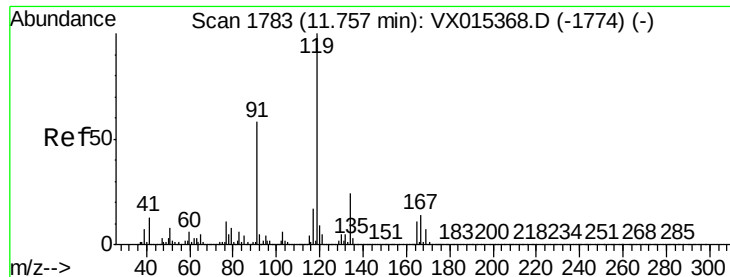
Tgt Ion: 91 Resp: 2219777

Ion Ratio Lower Upper

91 100

126 29.5 14.7 44.1

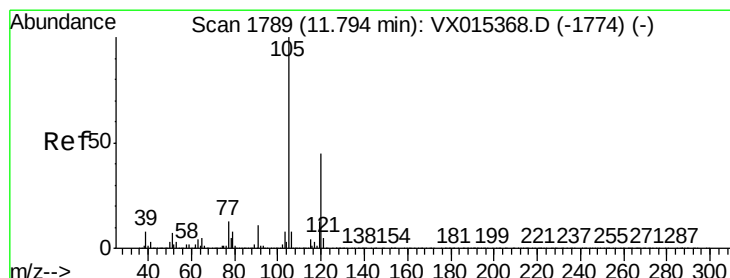
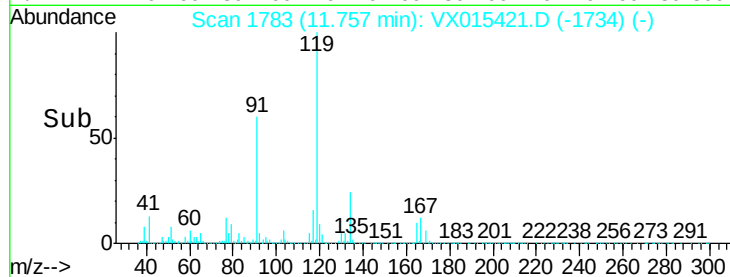
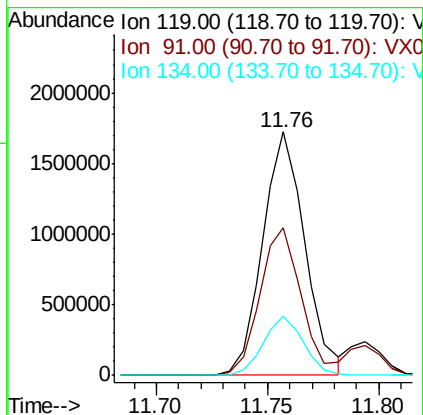
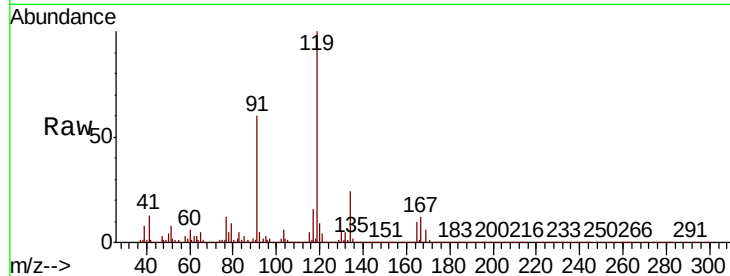




#83
tert-Butylbenzene
Concen: 48.378 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

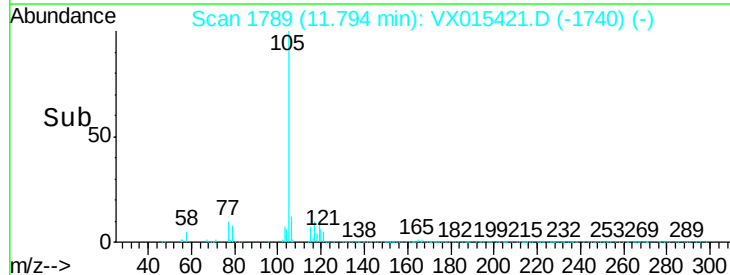
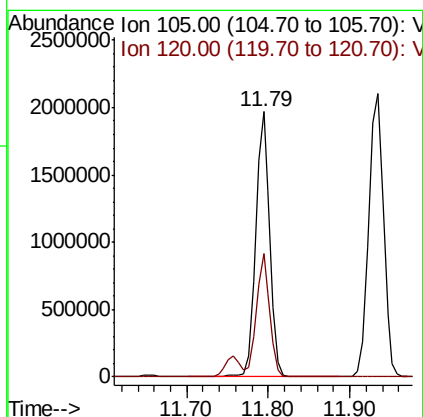
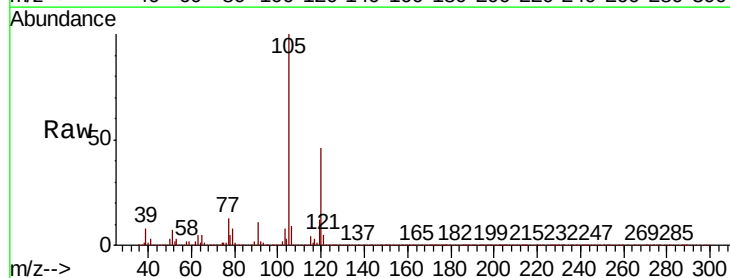
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

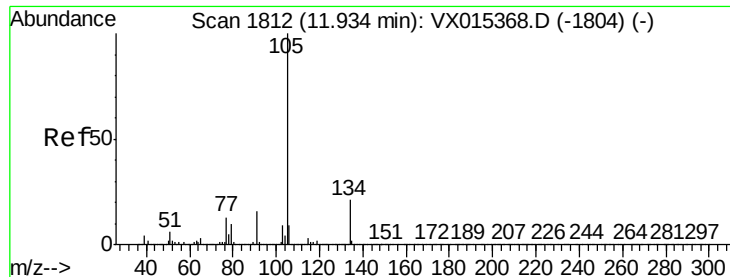
Tot Ion:119 Resp: 2265692
Ion Ratio Lower Upper
119 100
91 59.8 28.6 85.8
134 23.1 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 48.928 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Tgt Ion:105 Resp: 2390602
Ion Ratio Lower Upper
105 100
120 44.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 48.308 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

Instrument :

MSVOA_X

ClientSampleId :

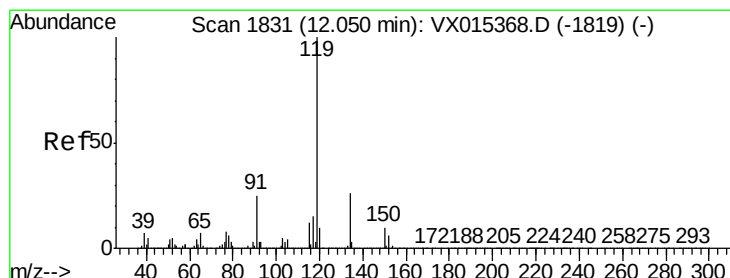
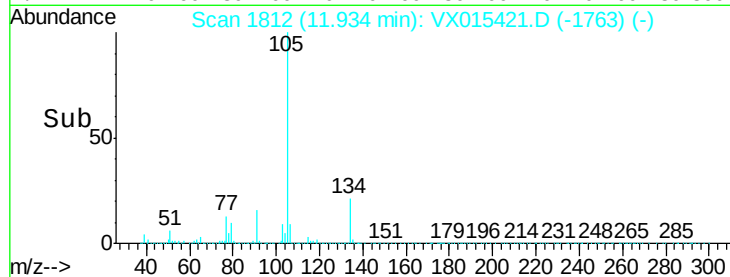
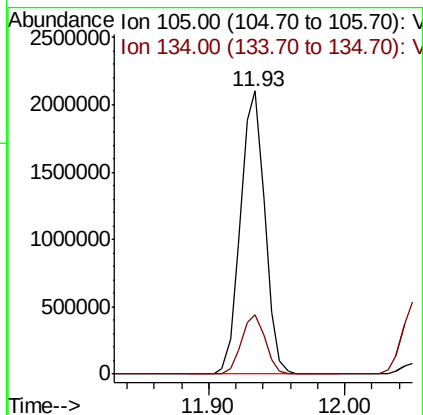
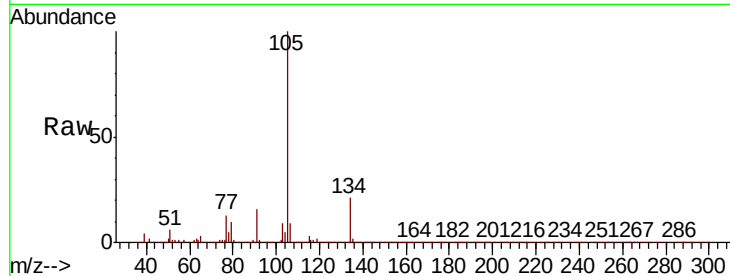
VSTDCCC050EC

Tot Ion:105 Resp: 2616570

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 48.703 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015421.D

Acq: 28 Mar 2020 07:41

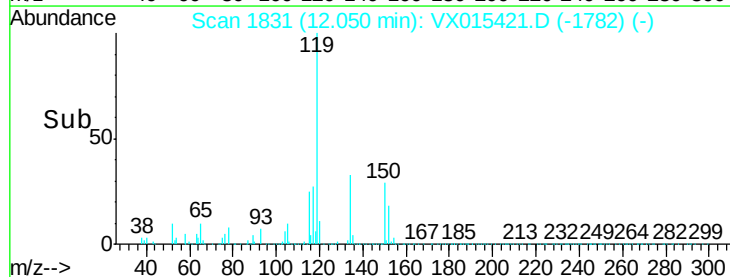
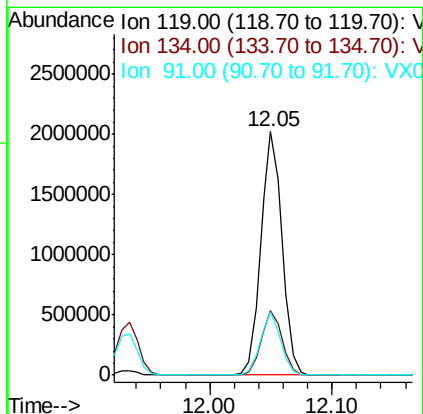
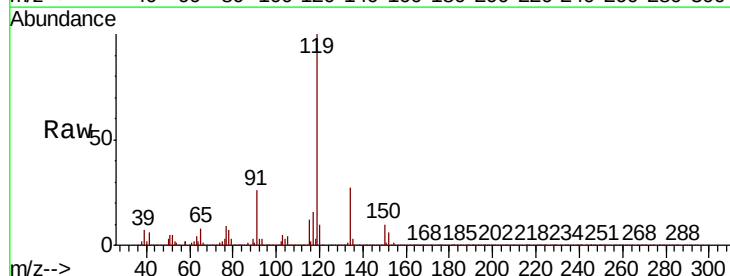
Tgt Ion:119 Resp: 2448978

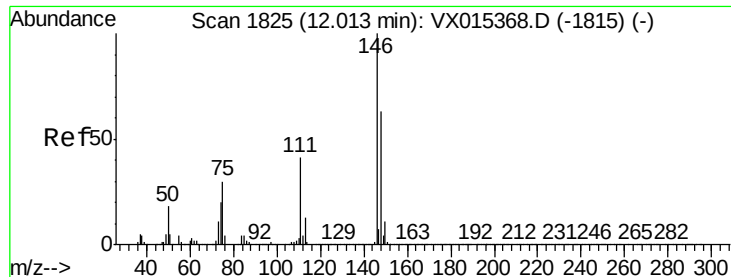
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 24.6 12.4 37.4

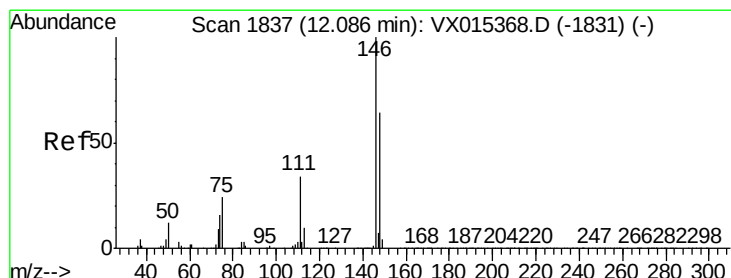
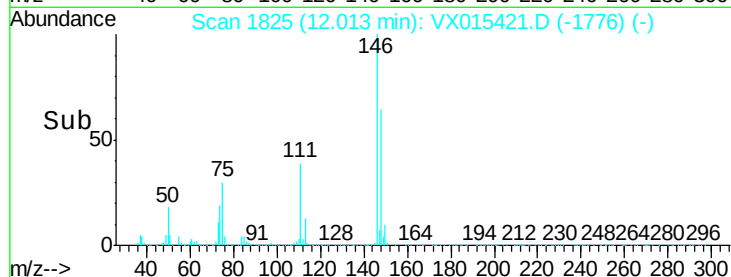
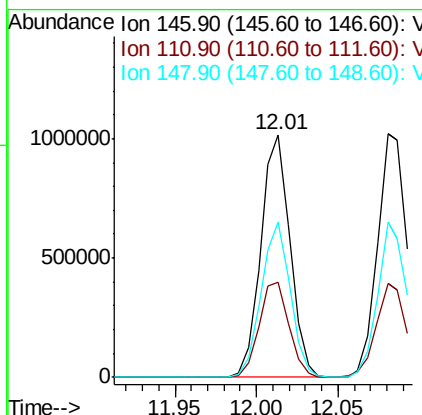
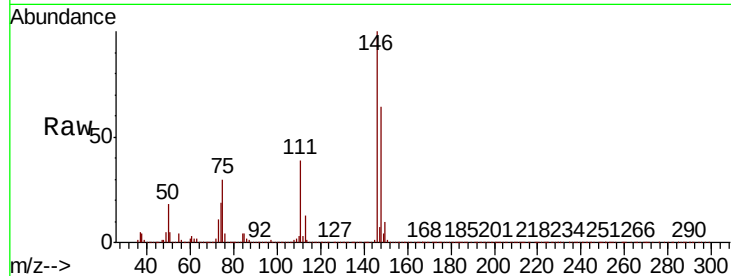




#87
 1,3-Dichlorobenzene
 Concen: 46.715 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

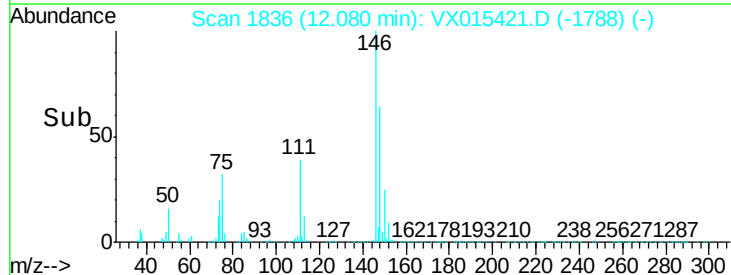
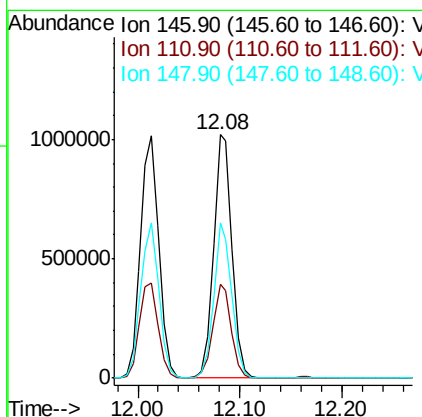
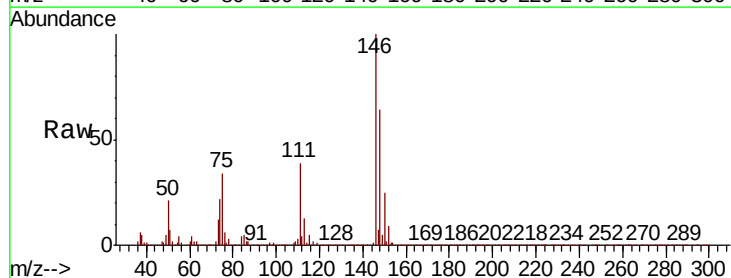
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

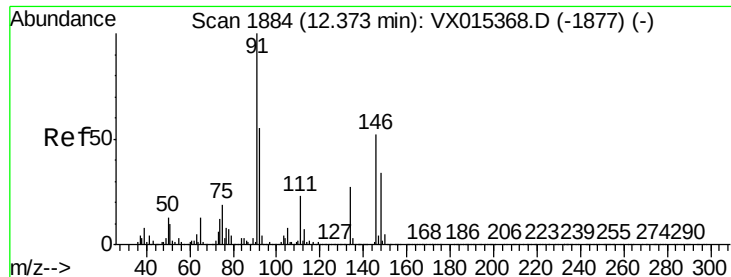
Tot Ion:146 Resp: 1252329
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.9
 148 63.8 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 47.434 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

Tgt Ion:146 Resp: 1295261
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.5
 148 62.0 32.4 97.2

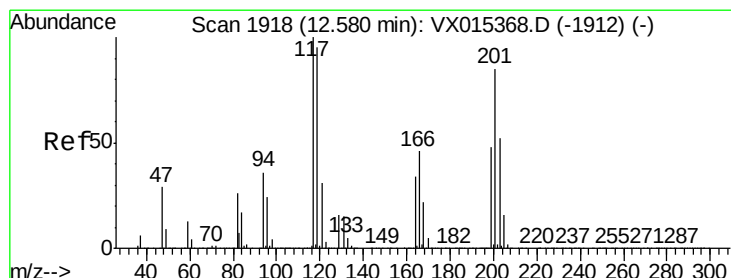
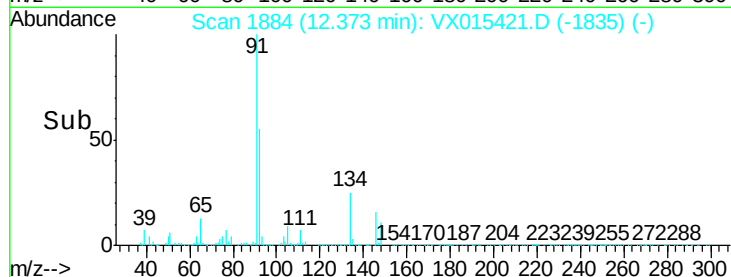
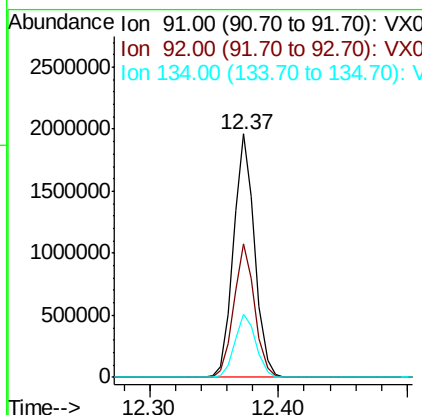
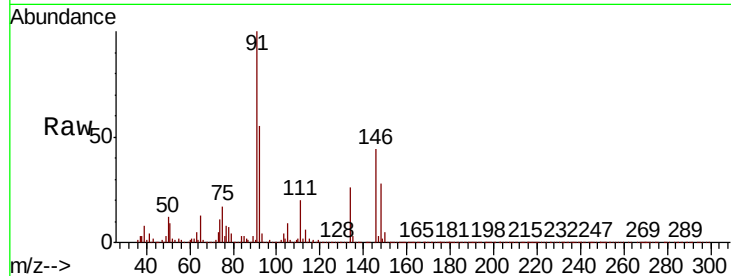




#89
n-Butylbenzene
Concen: 49.207 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

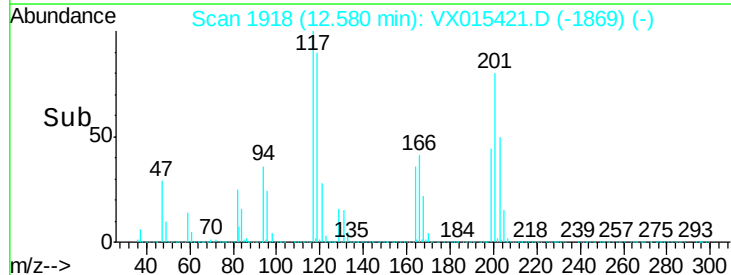
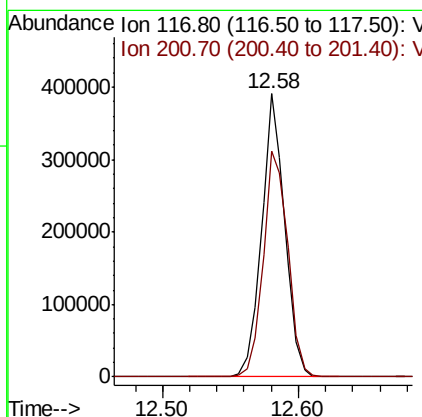
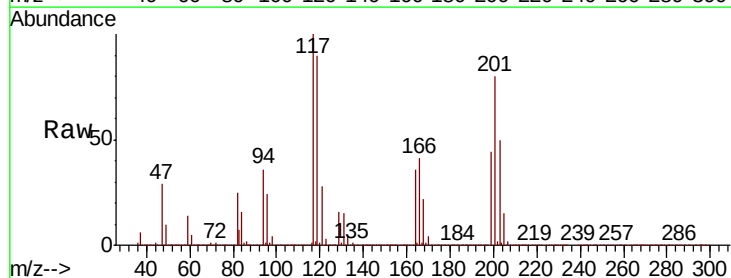
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

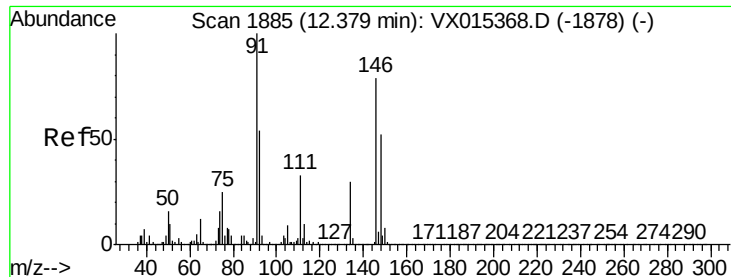
Tot Ion: 91 Resp: 2235971
Ion Ratio Lower Upper
91 100
92 54.3 27.2 81.5
134 26.0 13.4 40.2



#90
Hexachloroethane
Concen: 47.589 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Tgt Ion: 117 Resp: 465754
Ion Ratio Lower Upper
117 100
201 84.7 42.6 128.0

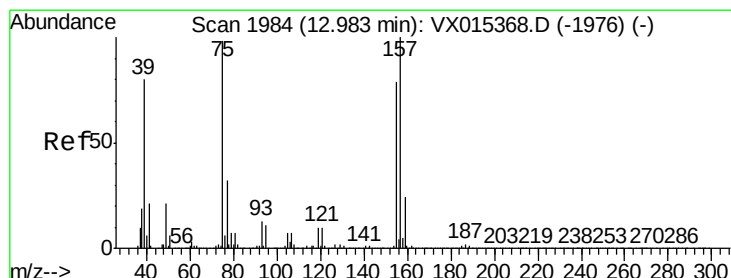
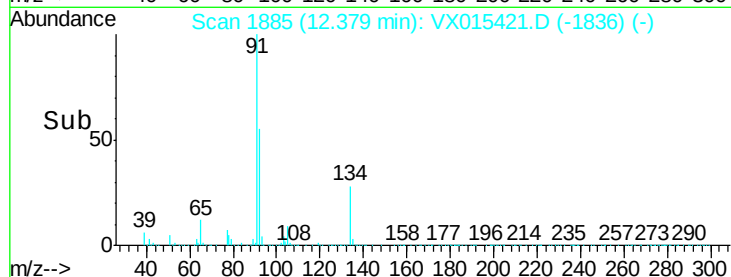
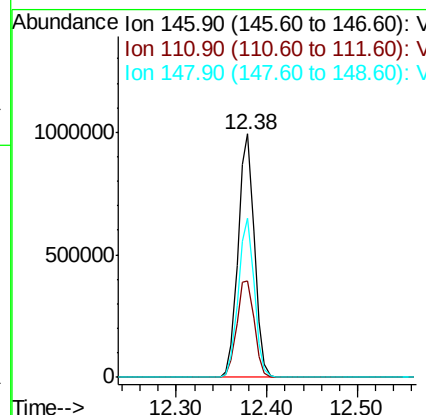
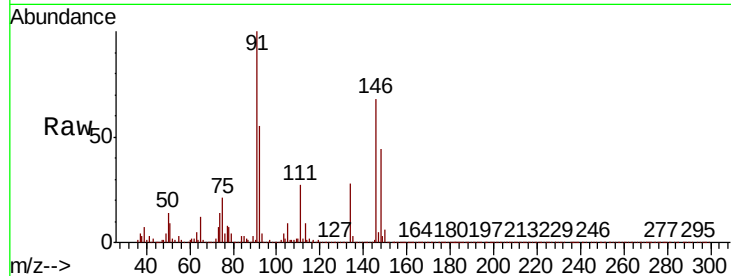




#91
 1,2-Dichlorobenzene
 Concen: 46.929 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

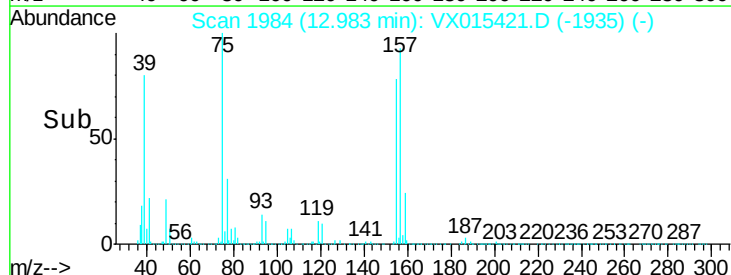
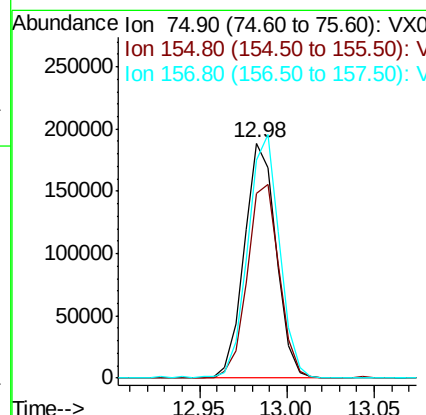
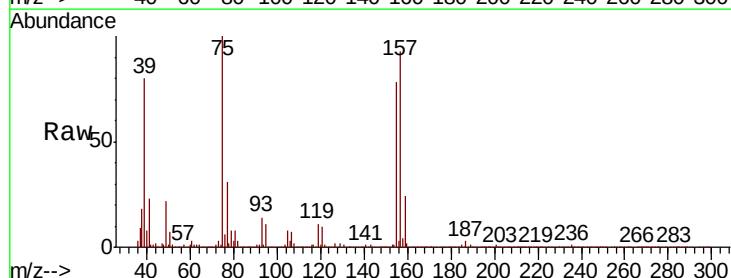
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

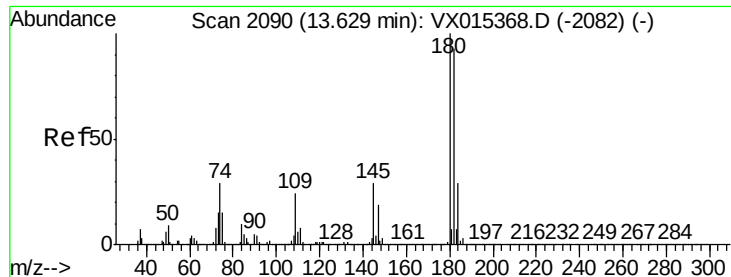
Tot Ion:146 Resp: 1231208
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.0 63.0
 148 64.5 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.601 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

Tgt Ion: 75 Resp: 237064
 Ion Ratio Lower Upper
 75 100
 155 82.7 42.8 128.4
 157 102.8 53.4 160.3

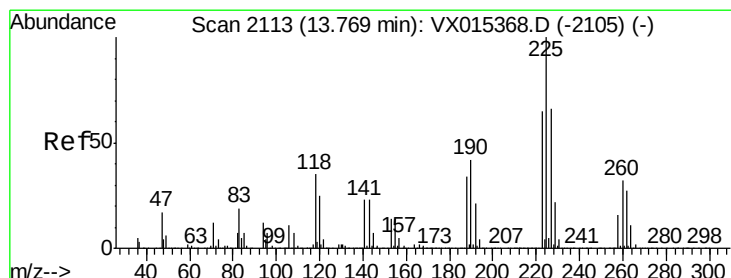
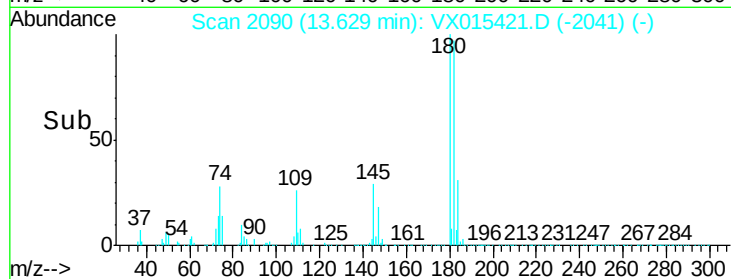
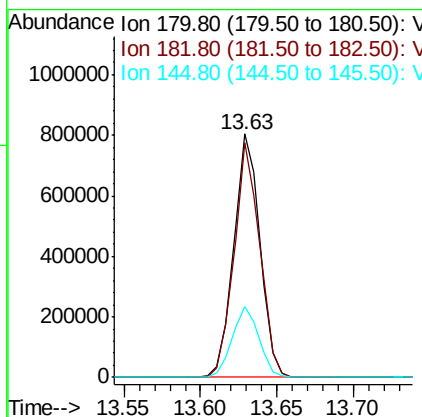
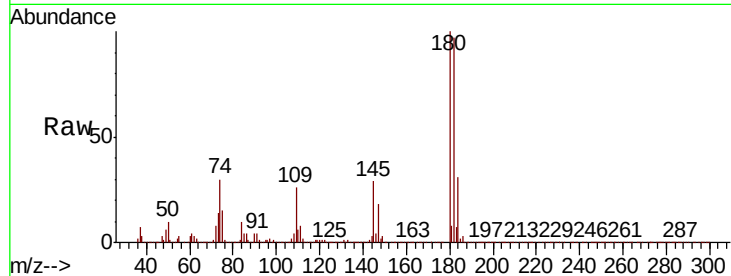




#93
 1,2,4-Trichlorobenzene
 Concen: 45.917 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

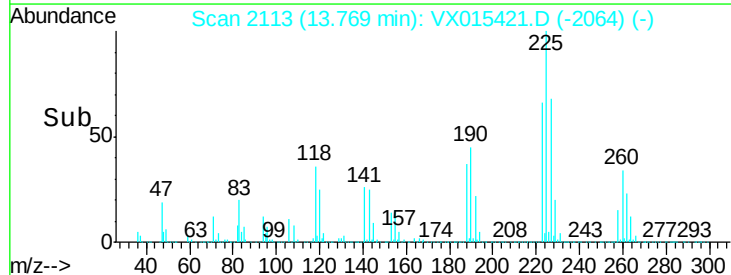
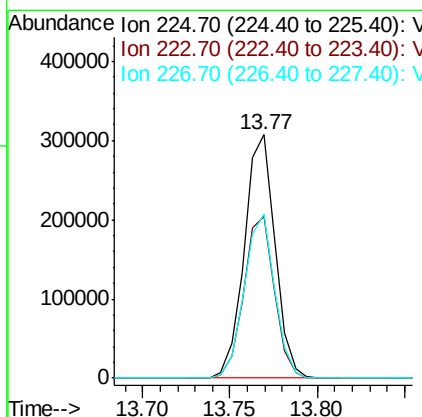
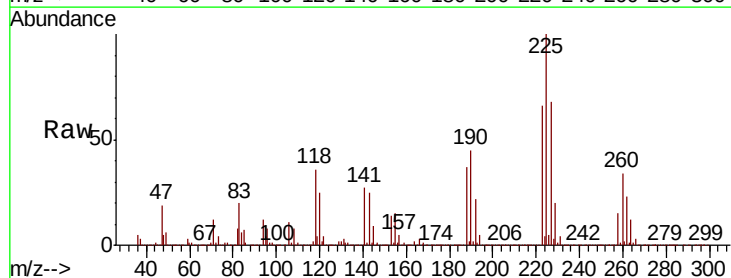
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

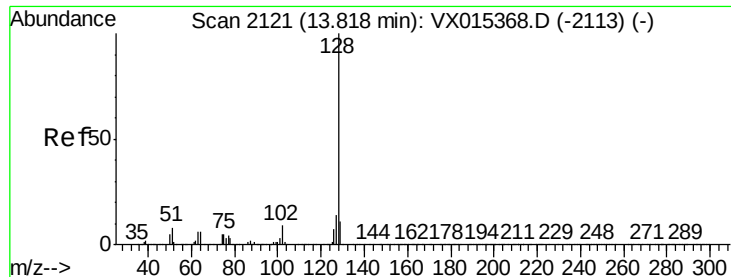
Tot Ion:180 Resp: 952876
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.9 140.7
 145 29.6 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 37.811 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015421.D
 Acq: 28 Mar 2020 07:41

Tgt Ion:225 Resp: 373585
 Ion Ratio Lower Upper
 225 100
 223 66.5 31.9 95.7
 227 66.8 30.4 91.3

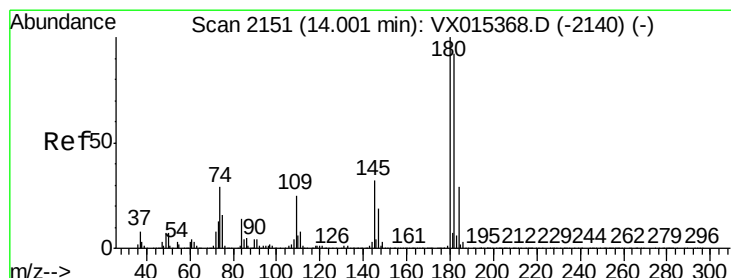
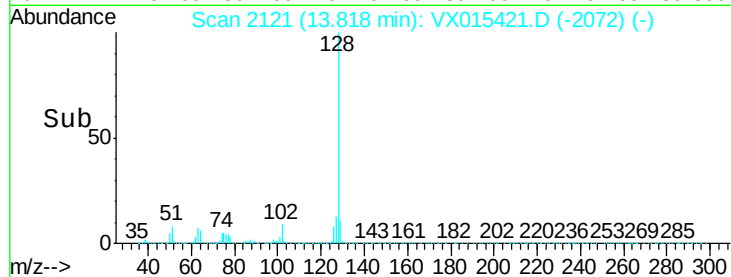
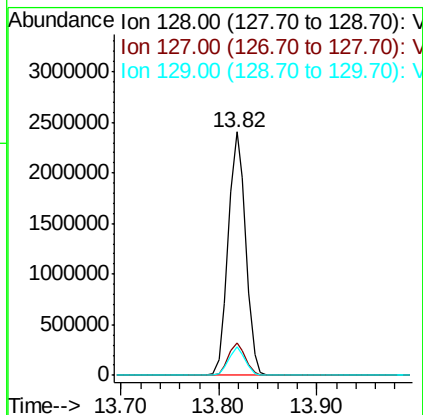
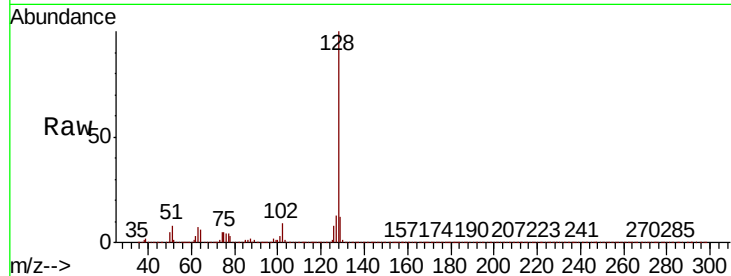




#95
Naphthalene
Concen: 47.187 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 2986967
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.274 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015421.D
Acq: 28 Mar 2020 07:41

Tgt Ion:180 Resp: 964512
Ion Ratio Lower Upper
180 100
182 90.8 46.7 140.0
145 31.0 15.8 47.3

