

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041620\
 Data File : VX015701.D
 Acq On : 16 Apr 2020 10:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 17 06:43:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1041970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1494284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1395132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	754626	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	640907	43.61	ug/l	0.00
Spiked Amount			Recovery	=	87.22%	
35) Dibromofluoromethane	5.46	113	504990	52.87	ug/l	-0.01
Spiked Amount			Recovery	=	105.74%	
50) Toluene-d8	8.70	98	1872167	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	
62) 4-Bromofluorobenzene	11.12	95	757006	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	399741	43.545	ug/l	99
3) Chloromethane	1.31	50	487019	41.659	ug/l	100
4) Vinyl Chloride	1.39	62	491850	45.819	ug/l	99
5) Bromomethane	1.62	94	253147	51.383	ug/l	97
6) Chloroethane	1.71	64	308381	46.320	ug/l	100
7) Trichlorofluoromethane	1.92	101	689414	47.889	ug/l	99
8) Diethyl Ether	2.17	74	283704	46.723	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	467024	49.764	ug/l	98
10) Methyl Iodide	2.49	142	488998	38.647	ug/l	98
11) Tert butyl alcohol	3.01	59	616941	175.390	ug/l	100
12) 1,1-Dichloroethene	2.36	96	438497	44.575	ug/l	100
13) Acrolein	2.27	56	591001	294.949	ug/l	99
14) Allyl chloride	2.70	41	973487	42.352	ug/l	99
15) Acrylonitrile	3.11	53	1410025	210.195	ug/l	100
16) Acetone	2.42	43	1634899	258.946	ug/l	99
17) Carbon Disulfide	2.55	76	1186496	39.538	ug/l	99
18) Methyl Acetate	2.75	43	688754	42.742	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	1668387	43.729	ug/l	99
20) Methylene Chloride	2.83	84	508092	43.084	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	485450	44.465	ug/l	95
22) Diisopropyl ether	3.82	45	1831820	44.974	ug/l	98
23) Vinyl Acetate	3.78	43	7913185	214.580	ug/l	100
24) 1,1-Dichloroethane	3.67	63	935865	43.640	ug/l	100
25) 2-Butanone	4.63	43	2206613	217.321	ug/l	99
26) 2,2-Dichloropropane	4.55	77	847444	48.143	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	576341	45.629	ug/l	99
28) Bromochloromethane	4.98	49	440827	43.054	ug/l	95
29) Tetrahydrofuran	5.09	42	1293033	198.088	ug/l	99
30) Chloroform	5.17	83	915726	44.383	ug/l	94
31) Cyclohexane	5.54	56	837808	45.035	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	838277	44.895	ug/l	99
36) 1,1-Dichloropropene	5.77	75	697701	50.675	ug/l	99
37) Ethyl Acetate	4.79	43	790457	44.093	ug/l	100
38) Carbon Tetrachloride	5.75	117	739374	49.581	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	846709	53.337	ug/l	98
40) Benzene	6.11	78	2035789	50.477	ug/l	98
41) Methacrylonitrile	5.00	41	455625	45.784	ug/l	97
42) 1,2-Dichloroethane	6.16	62	780053	48.151	ug/l	99
43) Isopropyl Acetate	6.41	43	1382051	45.668	ug/l	99
44) Trichloroethene	7.18	130	591655	53.791	ug/l	93
45) 1,2-Dichloropropane	7.49	63	547511	49.625	ug/l	97
46) Dibromomethane	7.64	93	359038	49.609	ug/l	95
47) Bromodichloromethane	7.87	83	756960	49.085	ug/l	96
48) Methyl methacrylate	7.75	41	685669	45.361	ug/l	96
49) 1,4-Dioxane	7.72	88	260270	922.983	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	4018113	234.284	ug/l	100
52) Toluene	8.76	92	1300824	52.316	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	868675	48.029	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	919339	49.899	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	524674	51.503	ug/l	98
56) Ethyl methacrylate	9.16	69	867052	48.294	ug/l	96
57) 1,3-Dichloropropane	9.35	76	905404	49.329	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2192310	251.043	ug/l	99
59) 2-Hexanone	9.47	43	3120924	241.029	ug/l	98
60) Dibromochloromethane	9.56	129	618271	50.507	ug/l	100
61) 1,2-Dibromoethane	9.65	107	545903	49.282	ug/l	98
64) Tetrachloroethene	9.32	164	553759	52.595	ug/l	93
65) Chlorobenzene	10.12	112	1421935	51.106	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	556098	50.029	ug/l	98
67) Ethyl Benzene	10.23	91	2539820	51.469	ug/l	100
68) m/p-Xylenes	10.34	106	1909003	103.890	ug/l	100
69) o-Xylene	10.68	106	936259	51.563	ug/l	100
70) Styrene	10.70	104	1649886	51.637	ug/l	98
71) Bromoform	10.84	173	485456	47.975	ug/l #	98
73) Isopropylbenzene	11.00	105	2497373	50.508	ug/l	98
74) N-amyl acetate	10.88	43	1179815	42.902	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	792987	46.739	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	938076	60.450	ug/l	83
77) Bromobenzene	11.24	156	670875	50.867	ug/l	95
78) n-propylbenzene	11.34	91	2896351	51.228	ug/l	99
79) 2-Chlorotoluene	11.40	91	1720947	49.661	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2182699	51.689	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	281473	43.522	ug/l	98
82) 4-Chlorotoluene	11.49	91	2050791	50.481	ug/l	98
83) tert-Butylbenzene	11.76	119	2191655	53.135	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2231489	51.857	ug/l	99
85) sec-Butylbenzene	11.93	105	2536799	53.178	ug/l	99
86) p-Isopropyltoluene	12.05	119	2414474	54.520	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1250845	52.978	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1247254	51.862	ug/l	98
89) n-Butylbenzene	12.37	91	2188435	54.684	ug/l	100
90) Hexachloroethane	12.58	117	415301	48.181	ug/l	94
91) 1,2-Dichlorobenzene	12.37	146	1216489	52.648	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	190336	39.747	ug/l	94

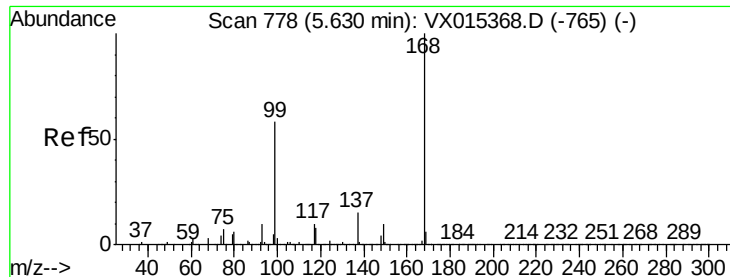
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	992396	54.298	ug/l	99
94) Hexachlorobutadiene	13.76	225	475143	54.603	ug/l	97
95) Naphthalene	13.82	128	2764763	49.592	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	964536	54.813	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

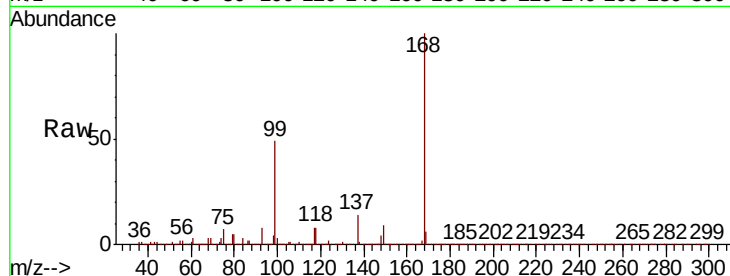
VSTDCCC050

Tot Ion:168 Resp: 1041970

Ion Ratio Lower Upper

168 100

99 49.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

200000

100000

0

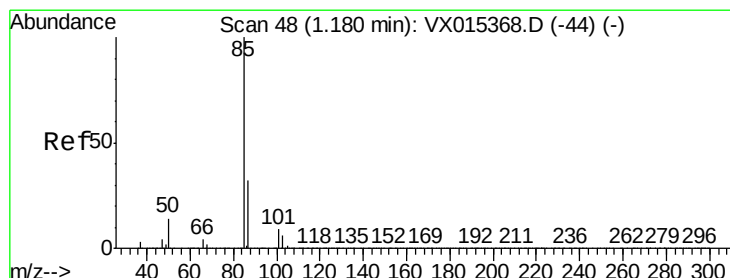
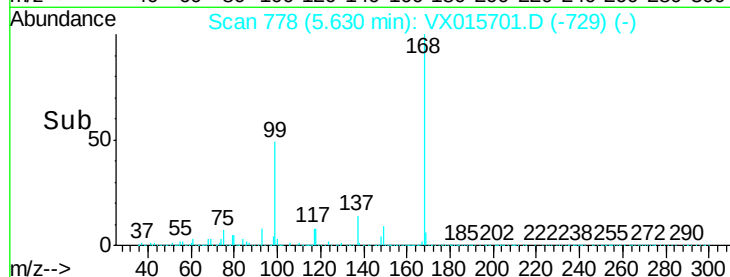
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.545 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015701.D

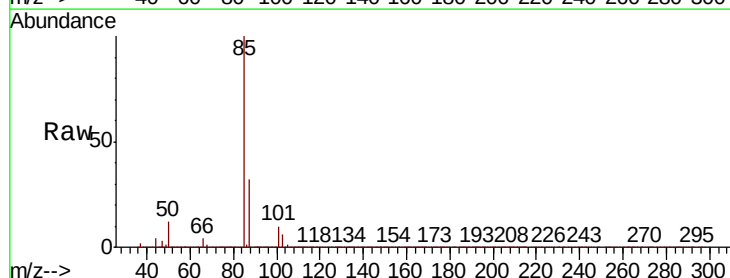
Acq: 16 Apr 2020 10:23

Tgt Ion: 85 Resp: 399741

Ion Ratio Lower Upper

85 100

87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

300000

200000

100000

0

1.10

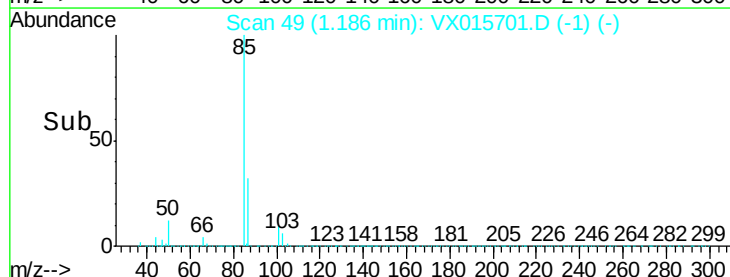
1.15

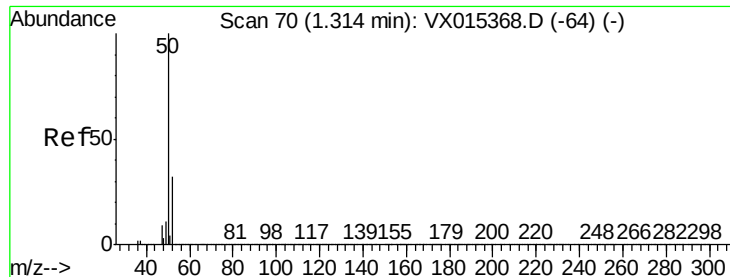
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 41.659 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

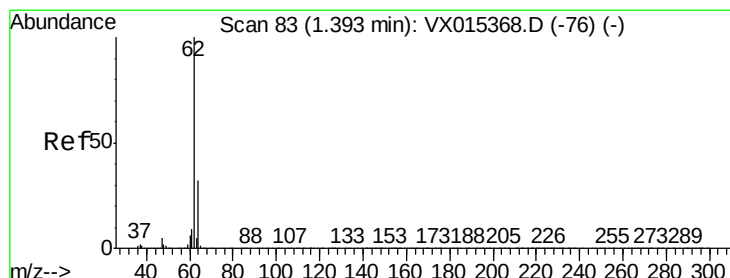
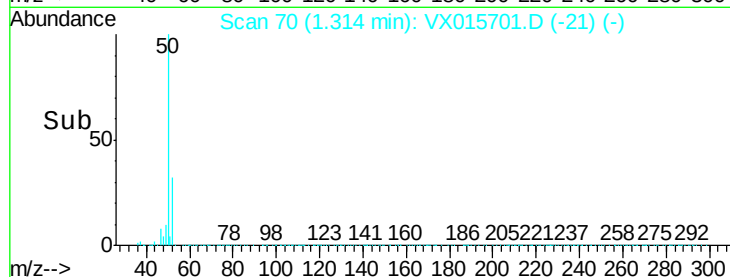
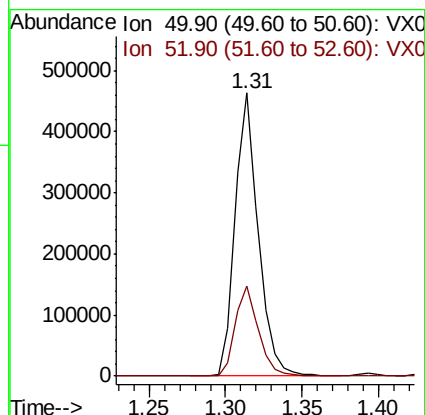
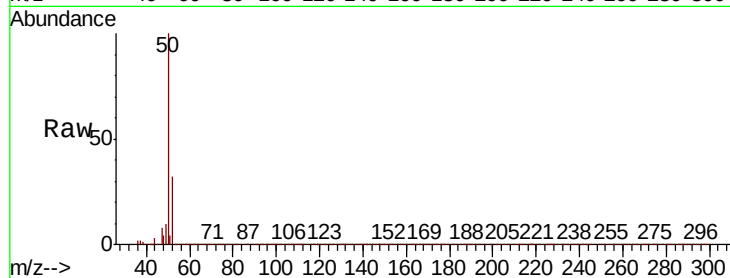
VSTDCCC050

Tot Ion: 50 Resp: 487019

Ion Ratio Lower Upper

50 100

52 31.9 25.3 37.9



#4

Vinyl Chloride

Concen: 45.819 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015701.D

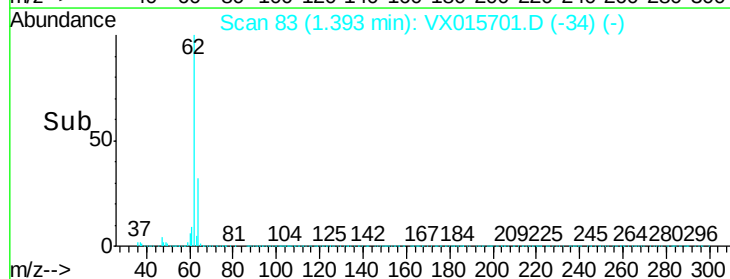
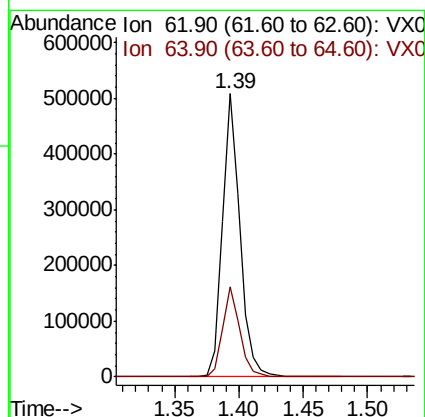
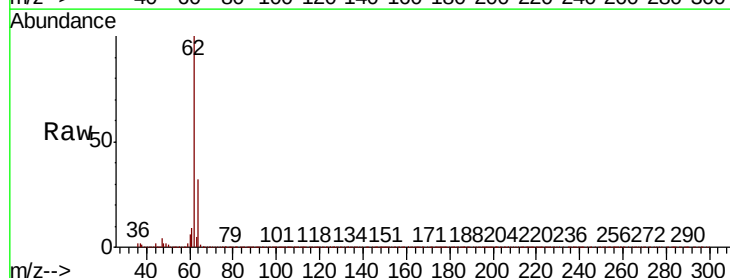
Acq: 16 Apr 2020 10:23

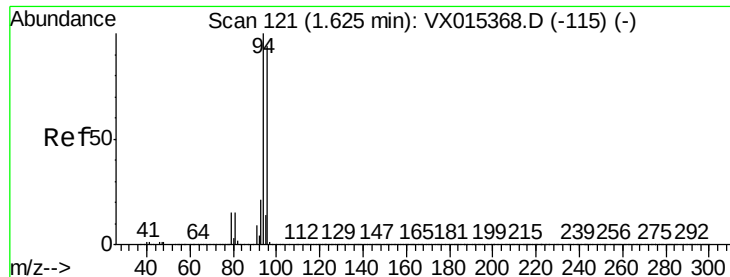
Tgt Ion: 62 Resp: 491850

Ion Ratio Lower Upper

62 100

64 31.8 26.0 39.0





#5

Bromomethane

Concen: 51.383 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

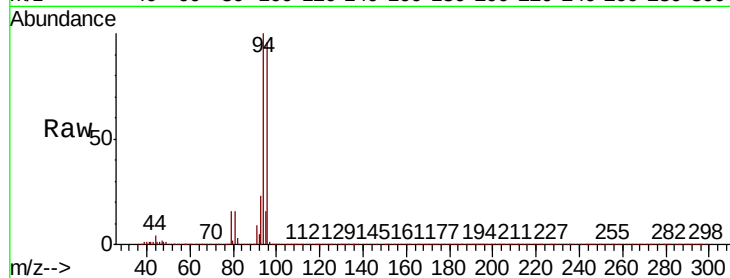
VSTDCCC050

Tot Ion: 94 Resp: 253147

Ion Ratio Lower Upper

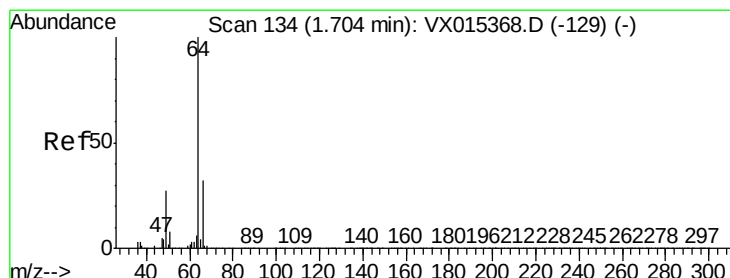
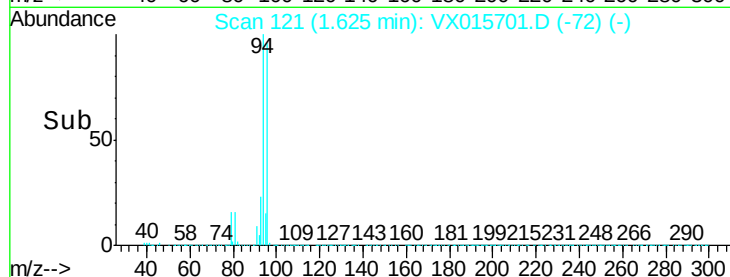
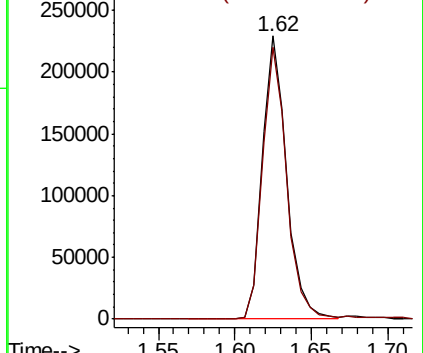
94 100

96 96.2 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.320 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015701.D

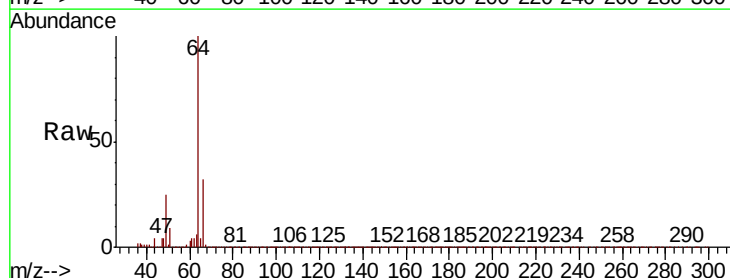
Acq: 16 Apr 2020 10:23

Tgt Ion: 64 Resp: 308381

Ion Ratio Lower Upper

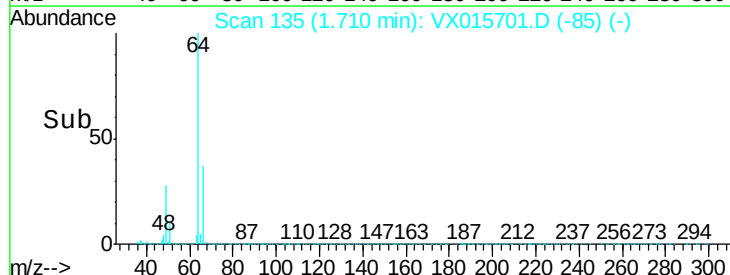
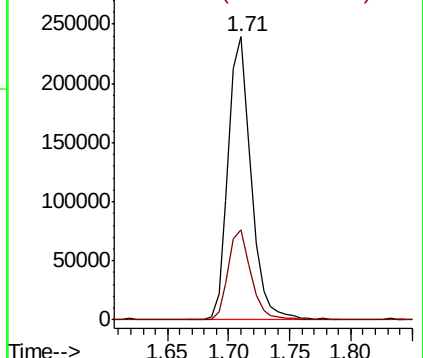
64 100

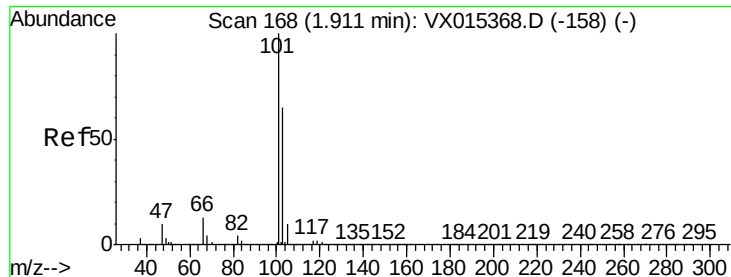
66 31.6 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



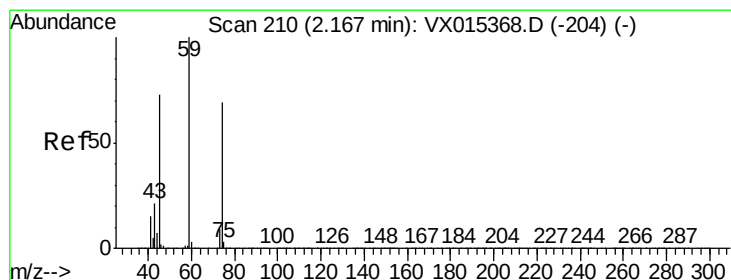
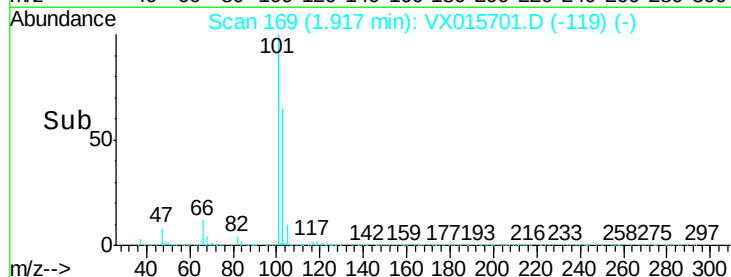
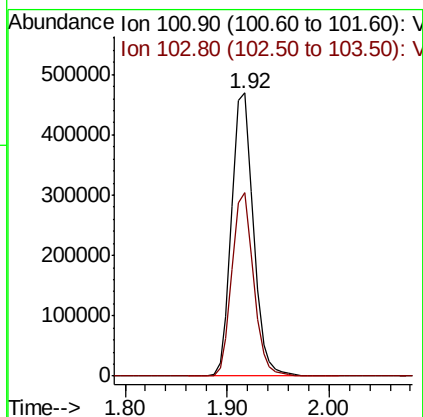
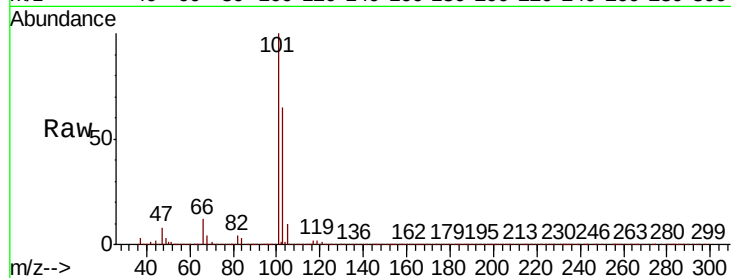


#7

Trichlorofluoromethane
Concen: 47.889 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

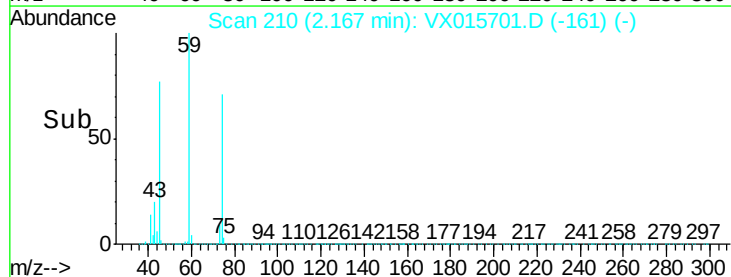
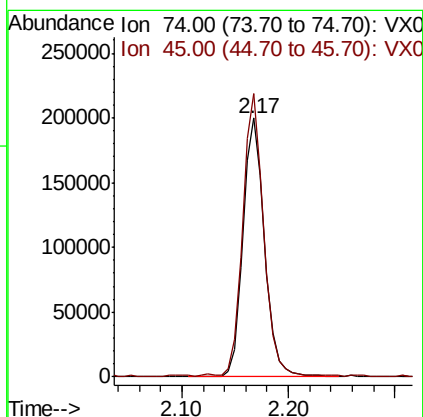
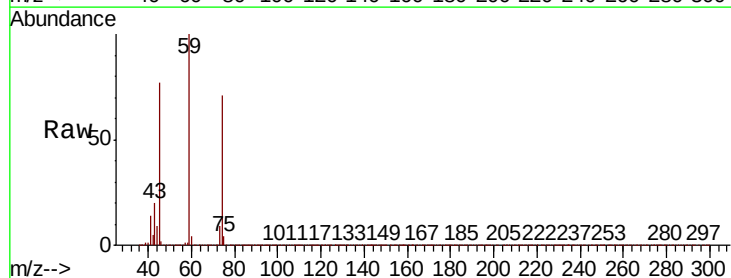
Tot Ion:101 Resp: 689414
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5

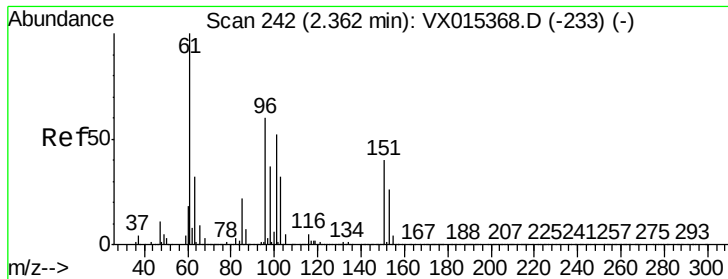


#8

Diethyl Ether
Concen: 46.723 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Tgt Ion: 74 Resp: 283704
Ion Ratio Lower Upper
74 100
45 105.9 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.764 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

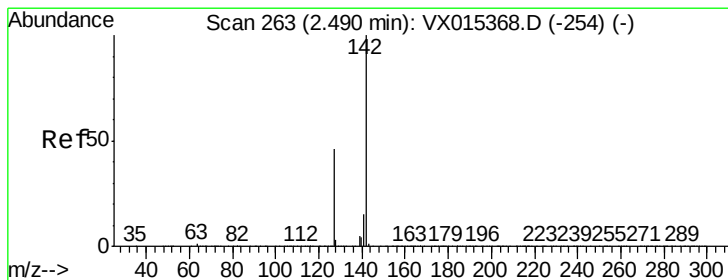
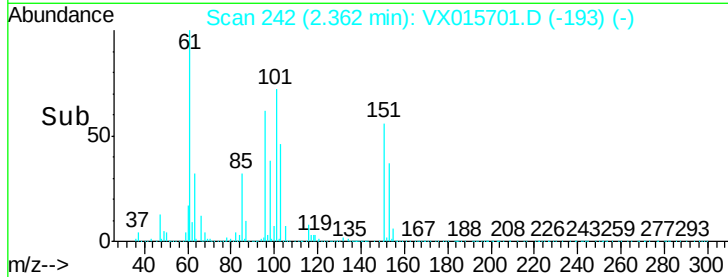
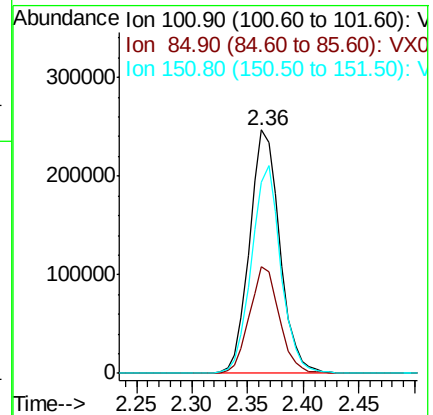
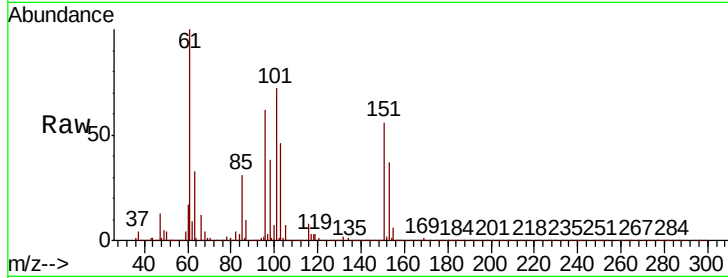
Tot Ion:101 Resp: 467024

Ion Ratio Lower Upper

101 100

85 43.0 35.0 52.4

151 82.9 64.1 96.1



#10

Methyl Iodide

Concen: 38.647 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

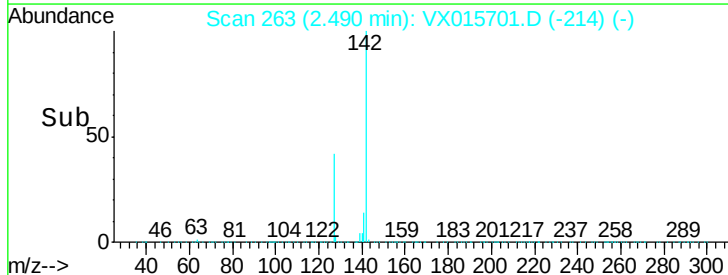
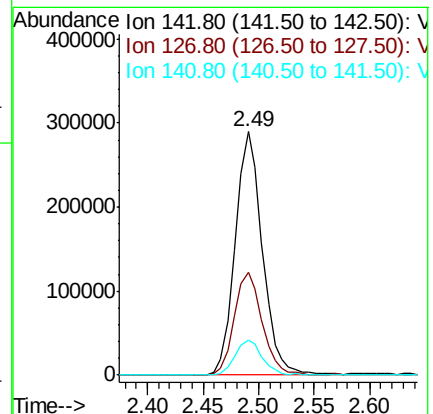
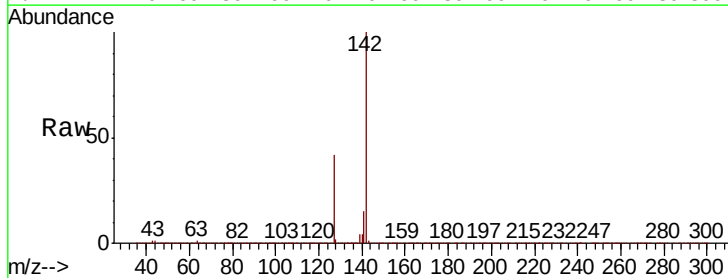
Tgt Ion:142 Resp: 488998

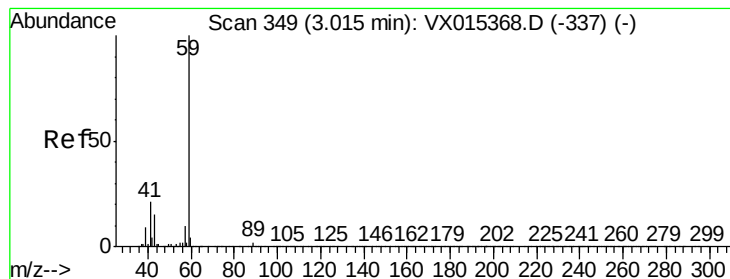
Ion Ratio Lower Upper

142 100

127 43.0 35.9 53.9

141 14.3 11.6 17.4



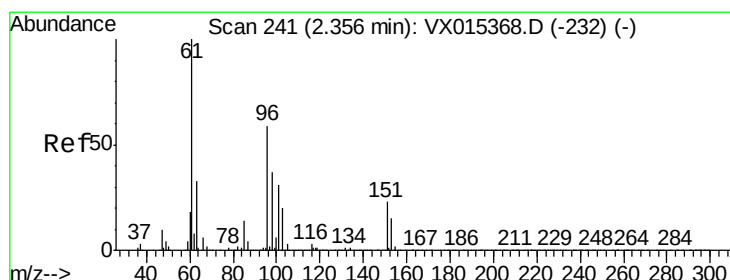
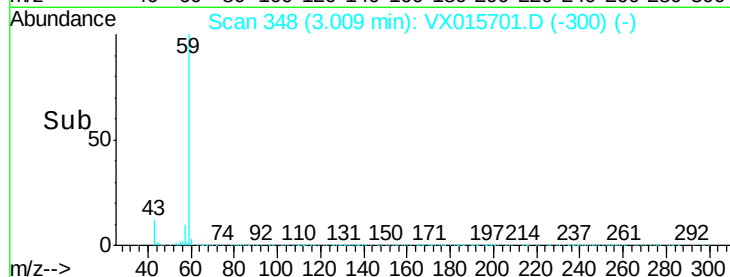
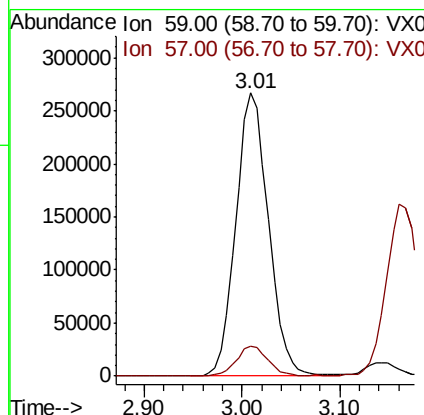
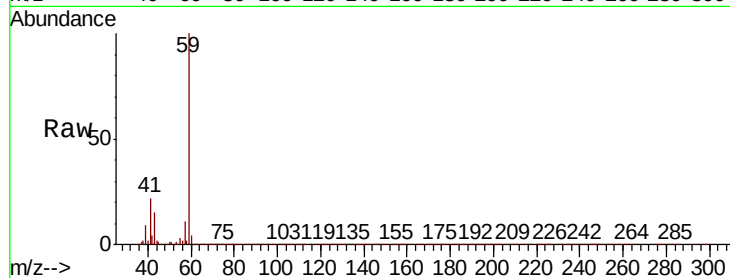


#11

Tert butyl alcohol
 Concen: 175.390 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

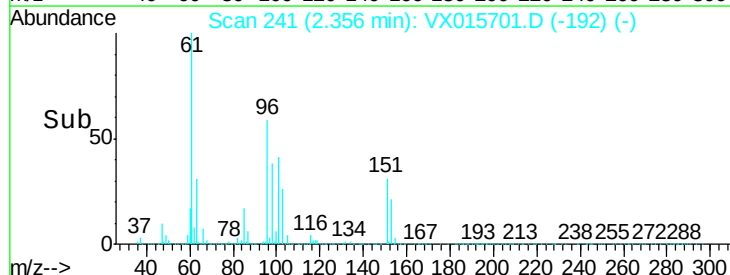
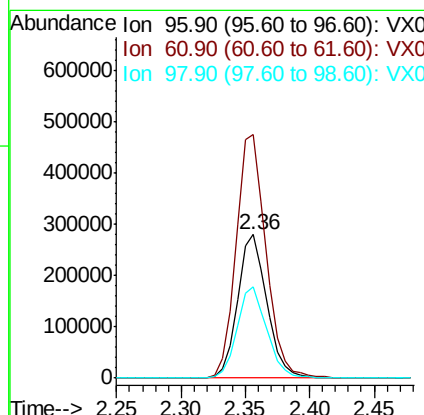
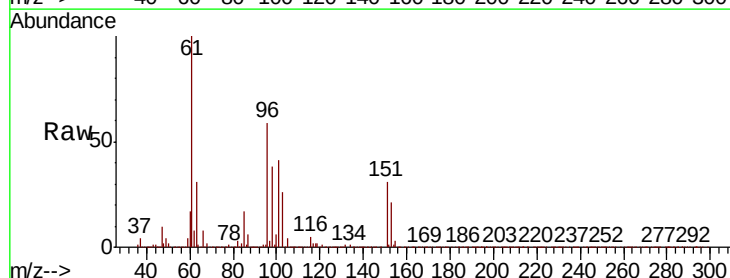
Tot Ion: 59 Resp: 616941
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.1 12.1

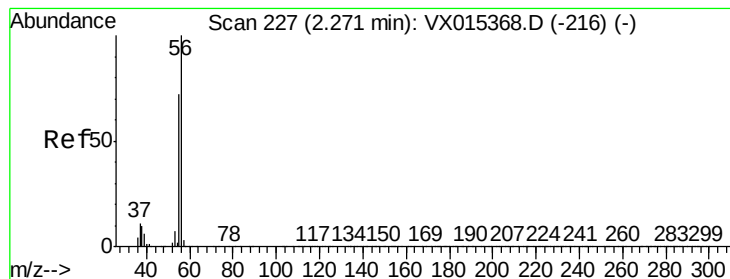


#12

1,1-Dichloroethene
 Concen: 44.575 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.00 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

Tgt Ion: 96 Resp: 438497
 Ion Ratio Lower Upper
 96 100
 61 170.0 135.7 203.5
 98 63.9 50.6 75.8





#13

Acrolein

Concen: 294.949 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

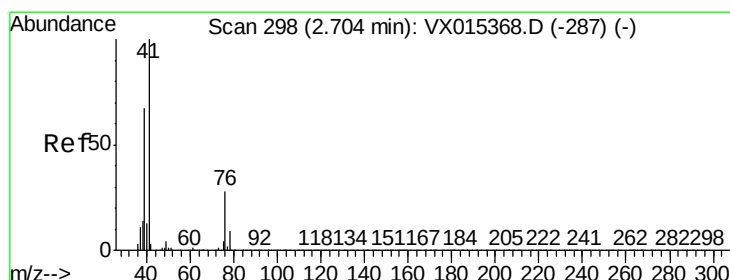
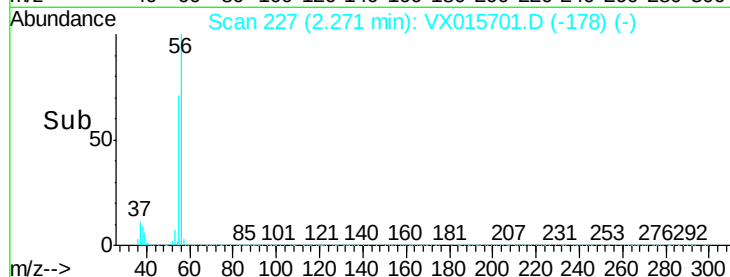
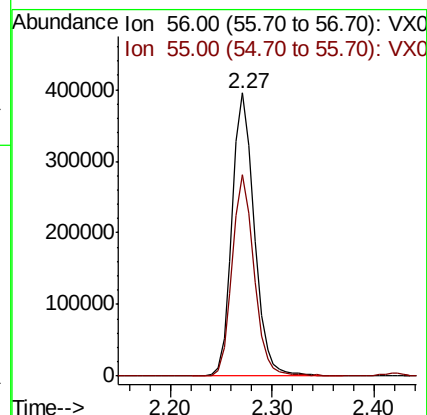
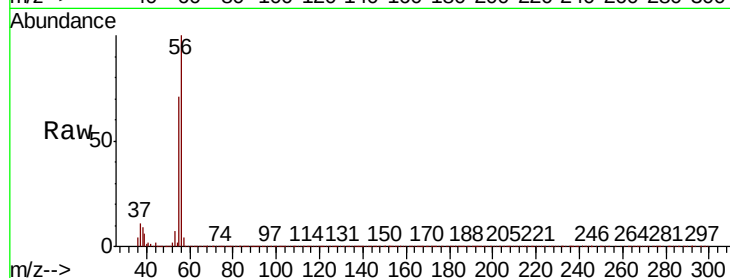
VSTDCCC050

Tot Ion: 56 Resp: 591001

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.4



#14

Allyl chloride

Concen: 42.352 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

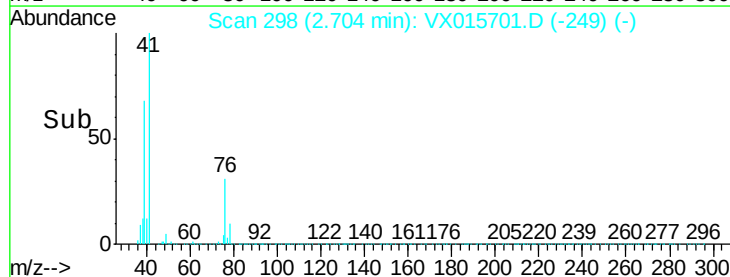
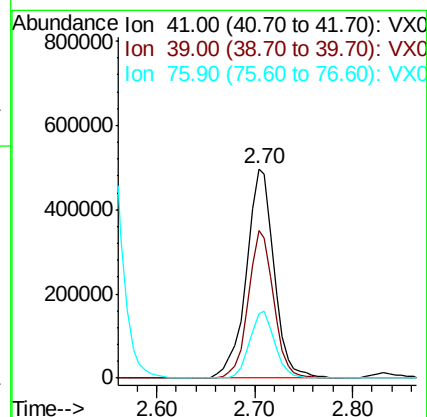
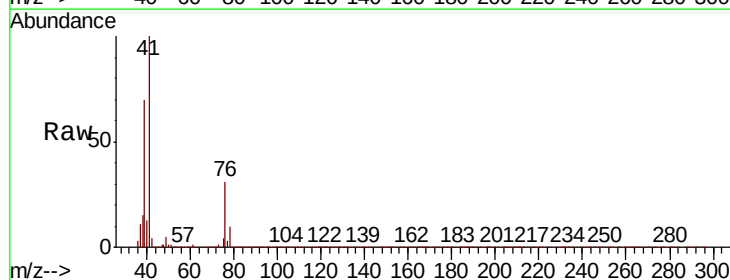
Tgt Ion: 41 Resp: 973487

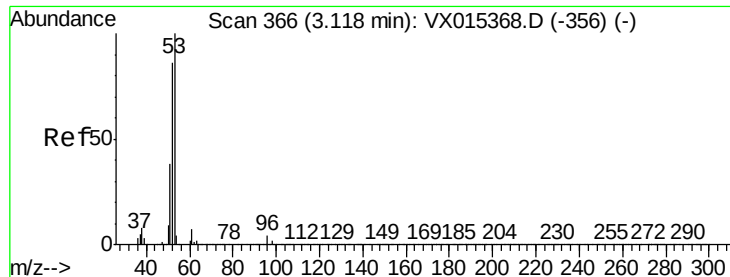
Ion Ratio Lower Upper

41 100

39 64.6 51.4 77.0

76 28.8 21.8 32.8





#15

Acrylonitrile

Concen: 210.195 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

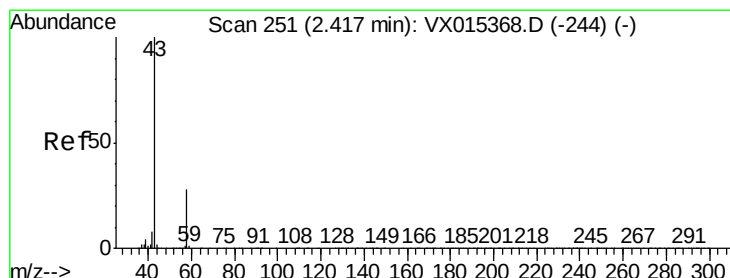
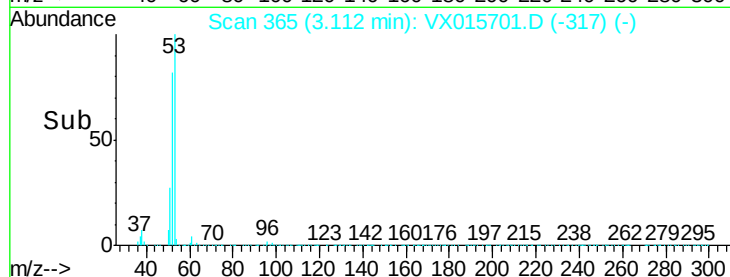
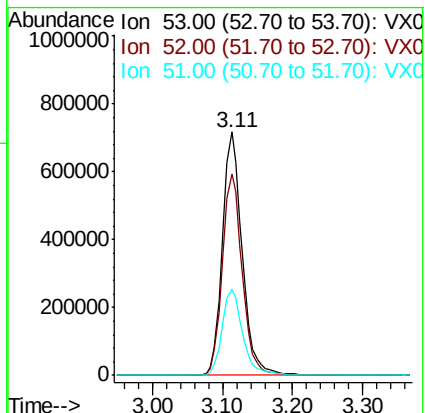
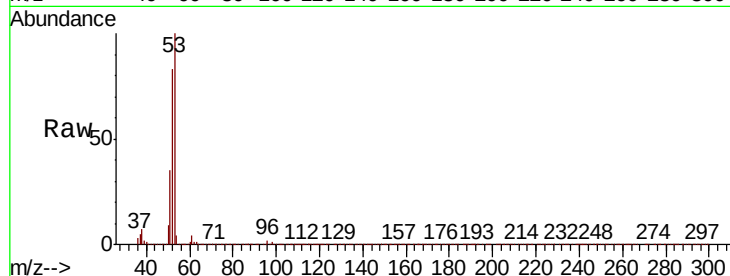
Tot Ion: 53 Resp: 1410025

Ion Ratio Lower Upper

53 100

52 83.1 66.8 100.2

51 36.6 29.5 44.3



#16

Acetone

Concen: 258.946 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015701.D

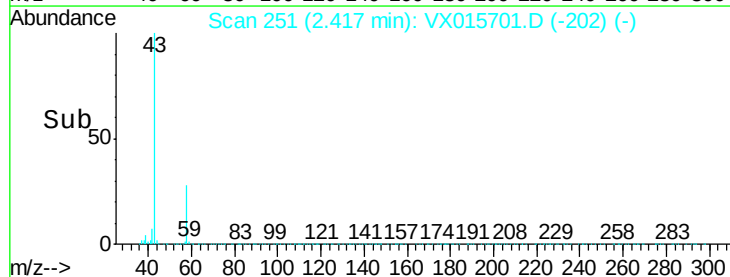
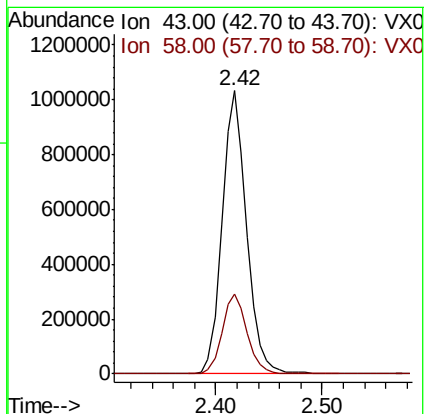
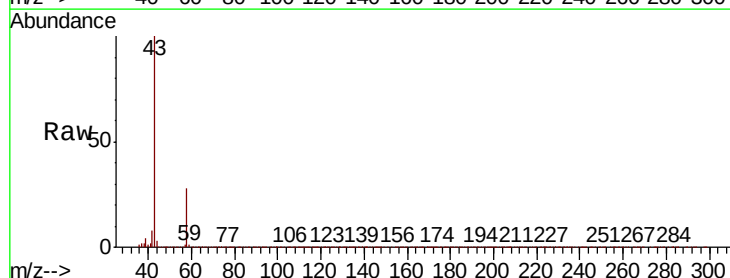
Acq: 16 Apr 2020 10:23

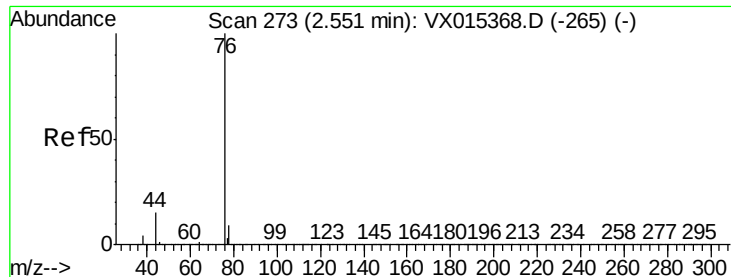
Tgt Ion: 43 Resp: 1634899

Ion Ratio Lower Upper

43 100

58 28.3 22.1 33.1





#17

Carbon Disulfide

Concen: 39.538 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

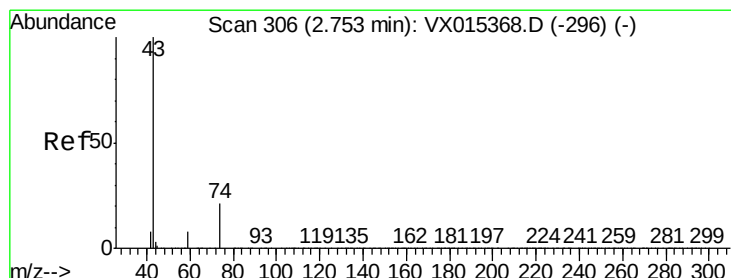
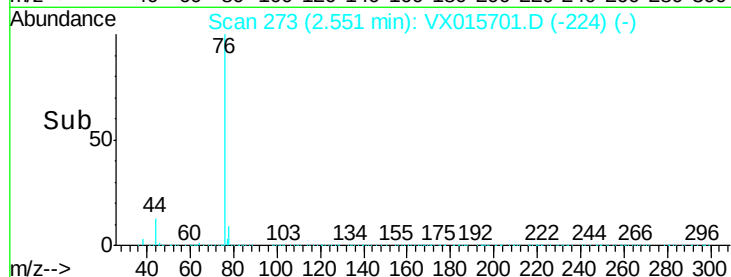
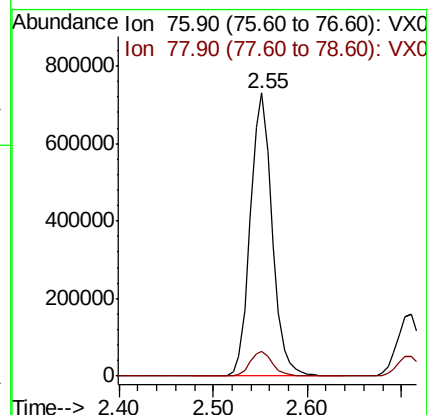
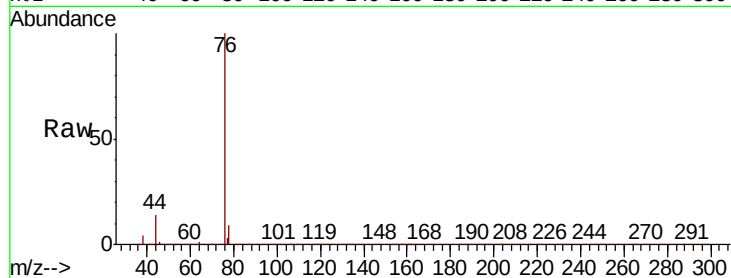
VSTDCCC050

Tot Ion: 76 Resp: 1186496

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7



#18

Methyl Acetate

Concen: 42.742 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015701.D

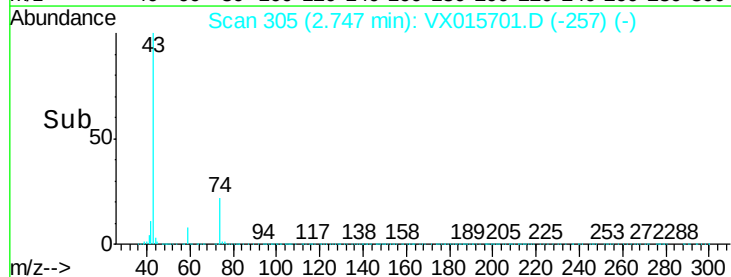
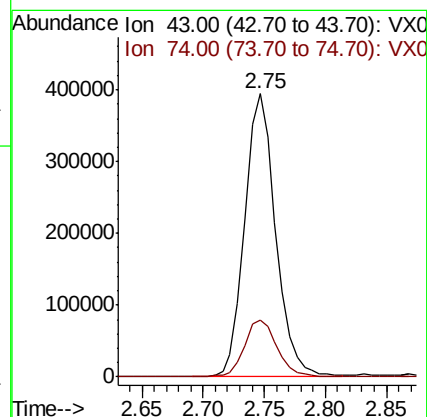
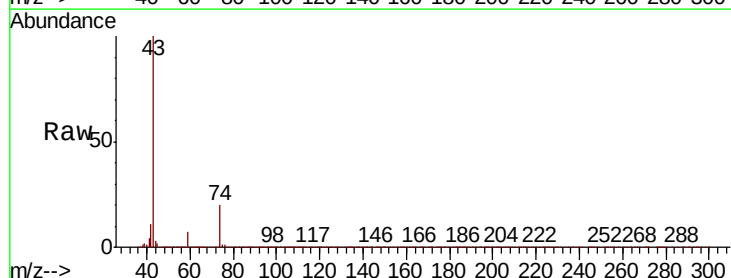
Acq: 16 Apr 2020 10:23

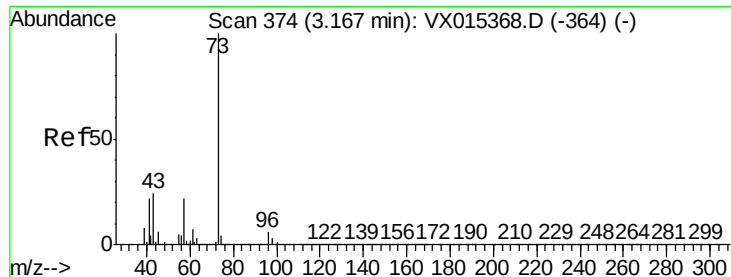
Tgt Ion: 43 Resp: 688754

Ion Ratio Lower Upper

43 100

74 21.5 16.5 24.7



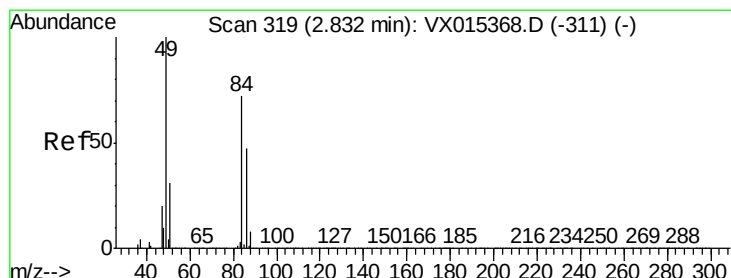
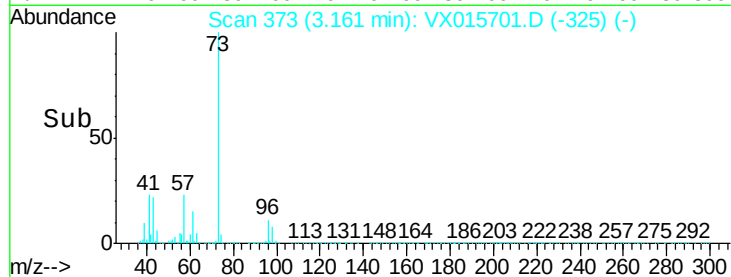
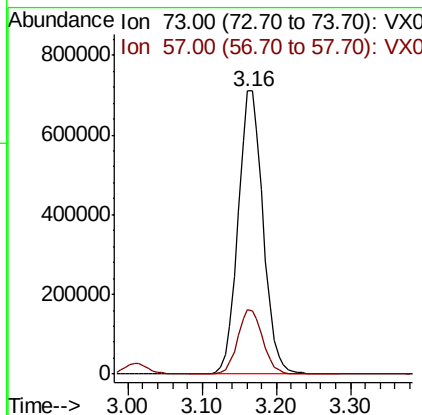
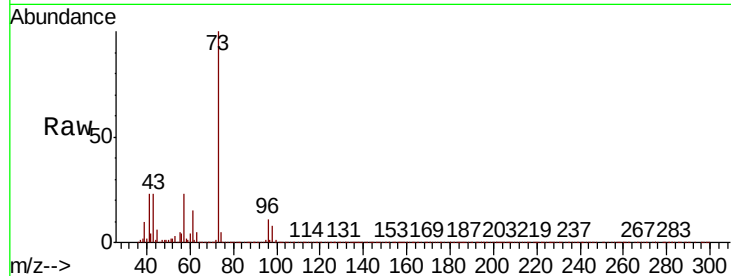


#19

Methyl tert-butyl Ether
 Concen: 43.729 ug/l
 RT: 3.16 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

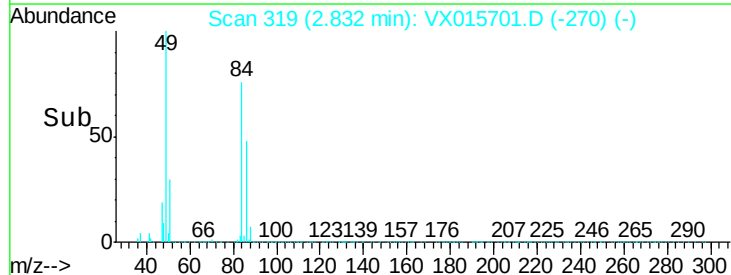
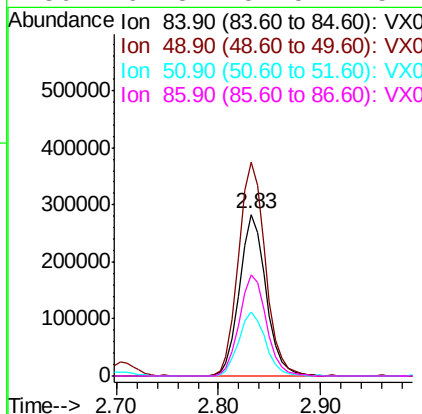
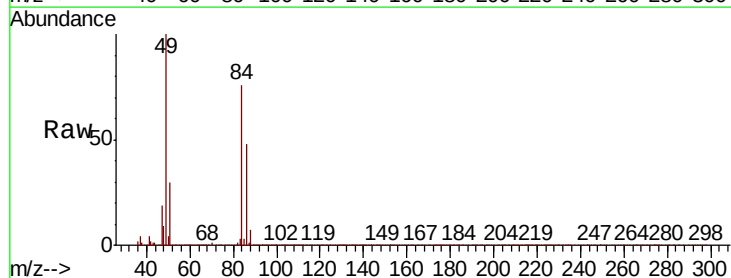
Tot Ion: 73 Resp: 1668387
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.9 26.9

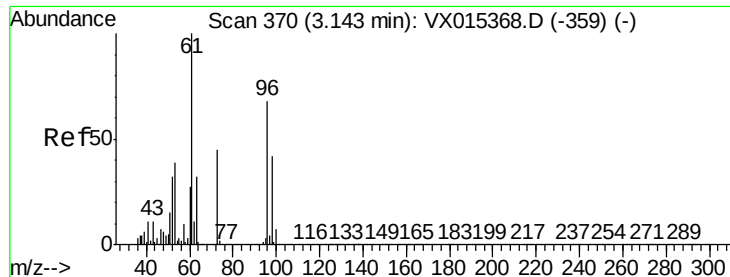


#20

Methylene Chloride
 Concen: 43.084 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

Tgt Ion: 84 Resp: 508092
 Ion Ratio Lower Upper
 84 100
 49 131.9 111.3 166.9
 51 39.4 34.0 51.0
 86 62.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.465 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

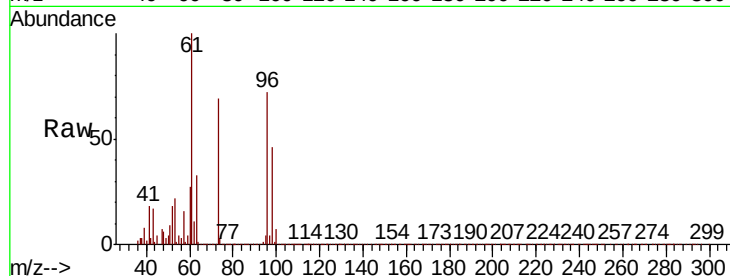
Tot Ion: 96 Resp: 485450

Ion Ratio Lower Upper

96 100

61 139.8 116.9 175.3

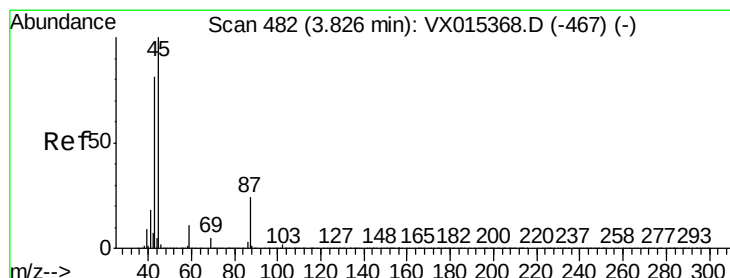
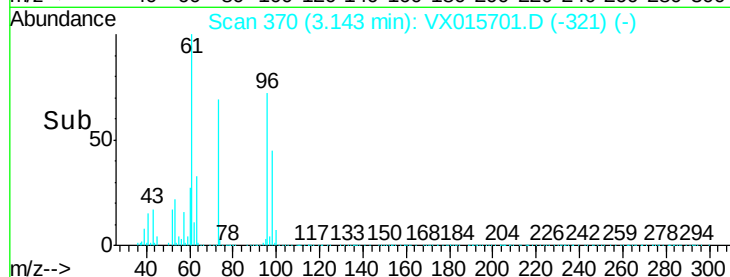
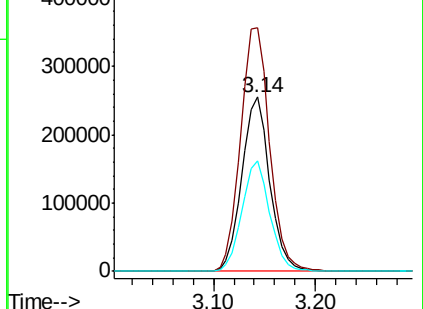
98 63.6 48.6 73.0



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: 44.974 ug/l

RT: 3.82 min Scan# 481

Delta R.T. -0.01 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Tgt Ion: 45 Resp: 1831820

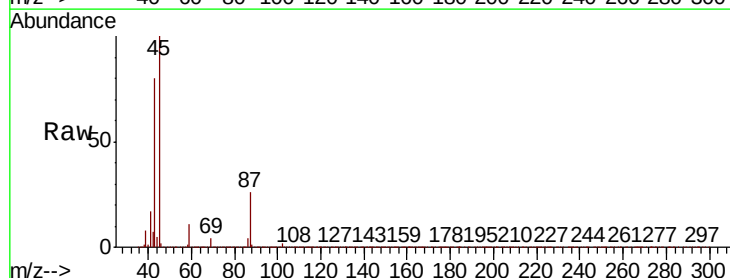
Ion Ratio Lower Upper

45 100

43 79.6 64.7 97.1

87 25.6 19.4 29.0

59 11.3 8.7 13.1

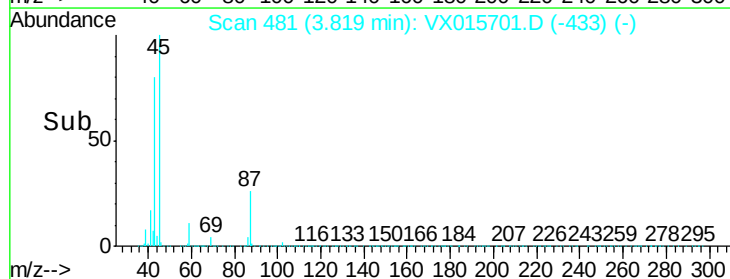
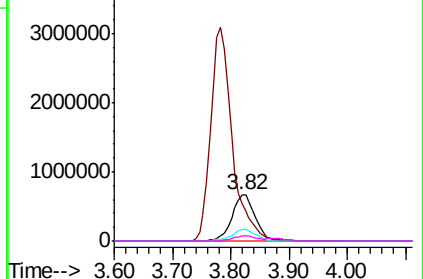


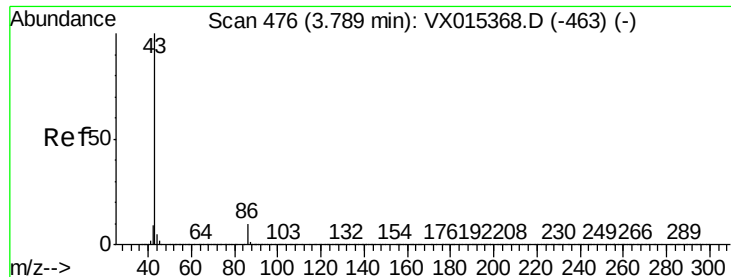
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 214.580 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

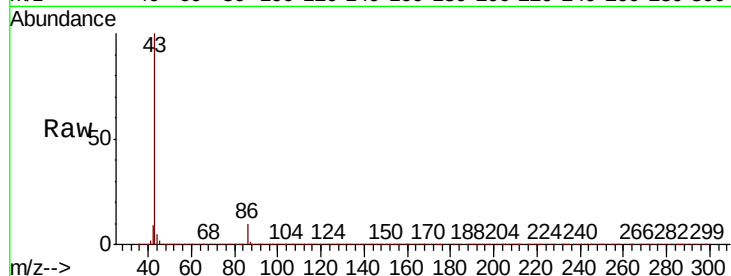
VSTDCCC050

Tot Ion: 43 Resp: 7913185

Ion Ratio Lower Upper

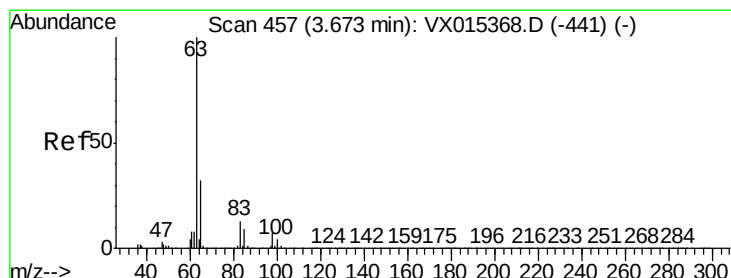
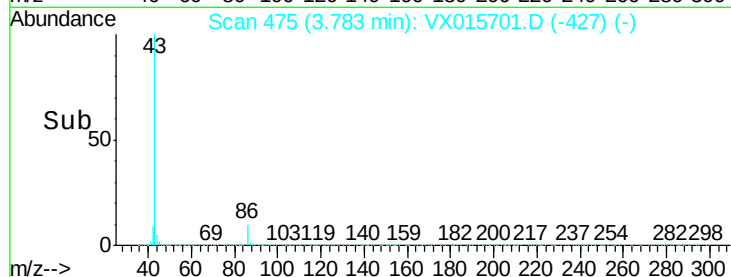
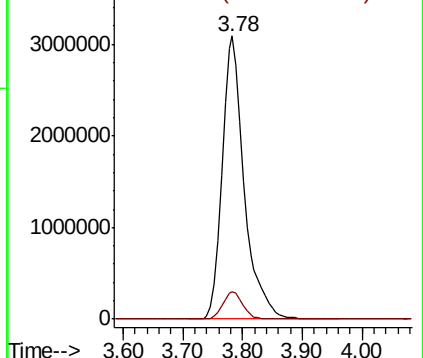
43 100

86 9.7 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 43.640 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

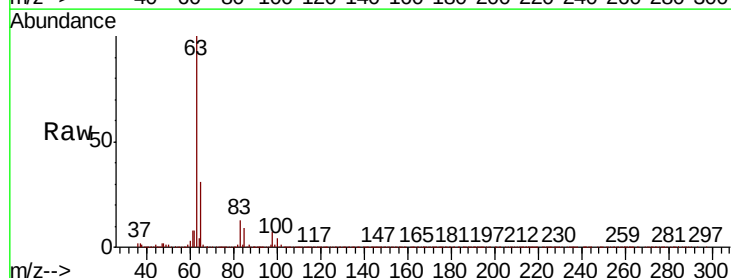
Tgt Ion: 63 Resp: 935865

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

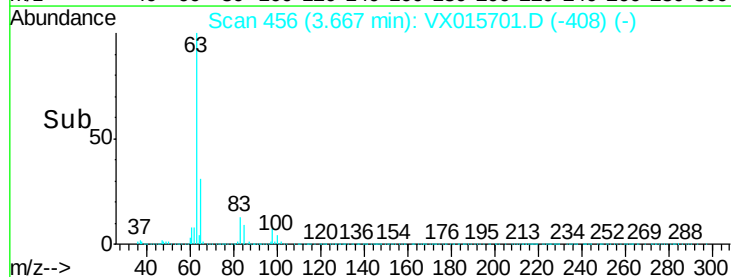
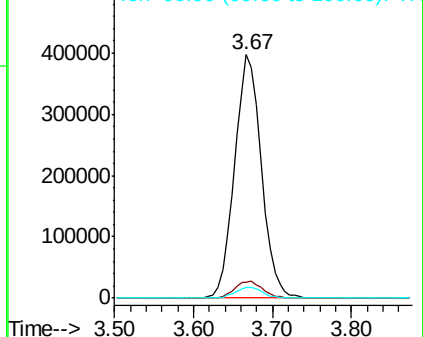
100 4.4 2.1 6.5

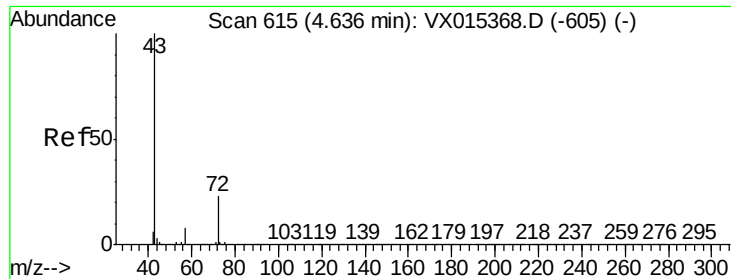


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 217.321 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

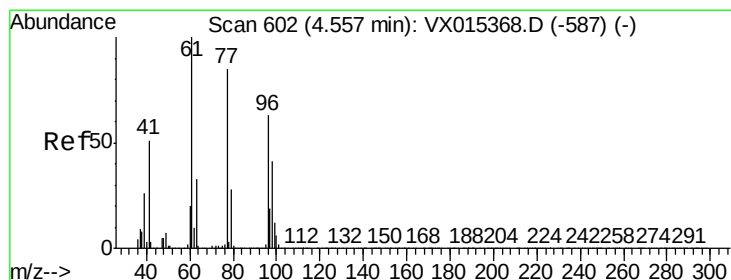
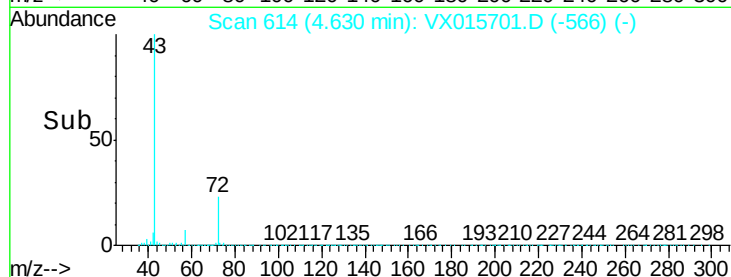
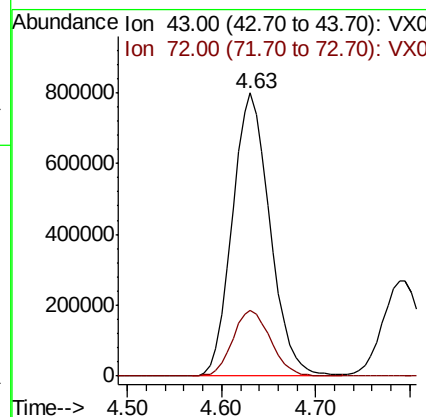
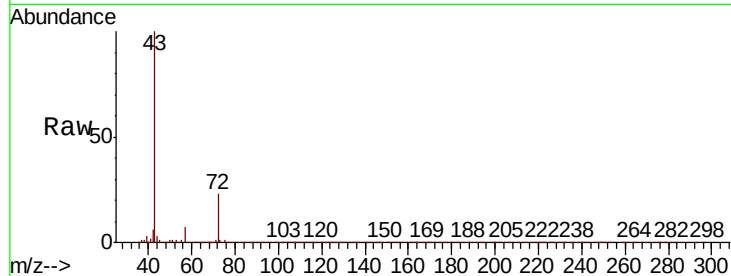
VSTDCCC050

Tot Ion: 43 Resp: 2206613

Ion Ratio Lower Upper

43 100

72 23.3 19.0 28.4



#26

2,2-Dichloropropane

Concen: 48.143 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015701.D

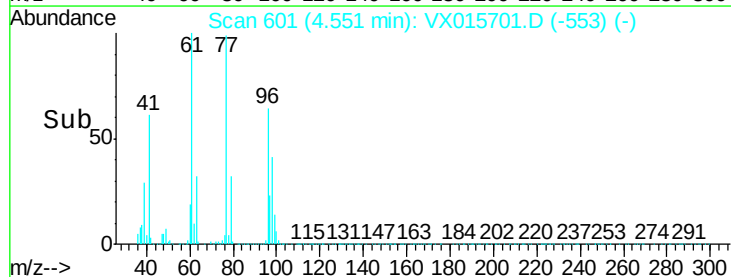
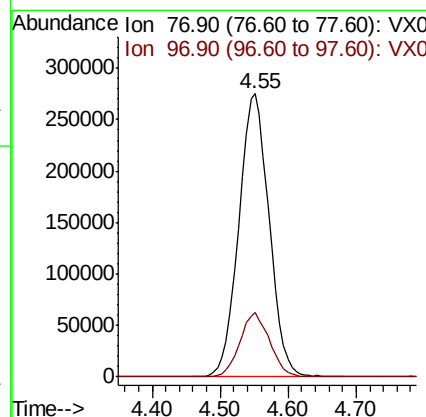
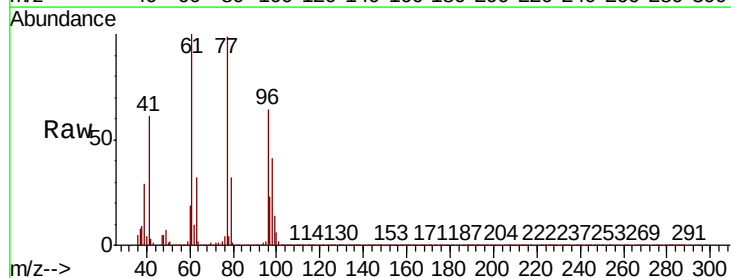
Acq: 16 Apr 2020 10:23

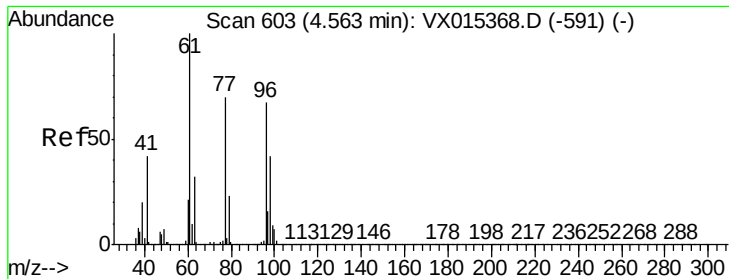
Tgt Ion: 77 Resp: 847444

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8



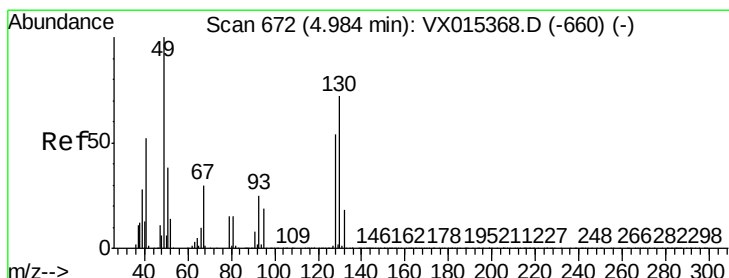
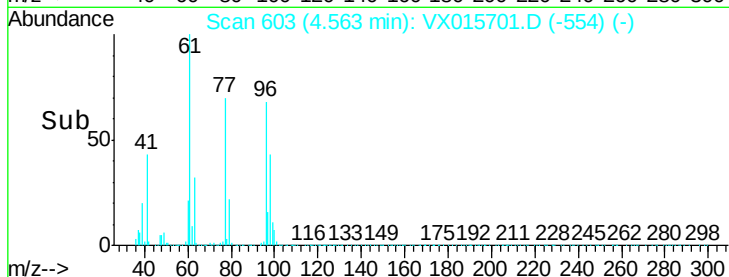
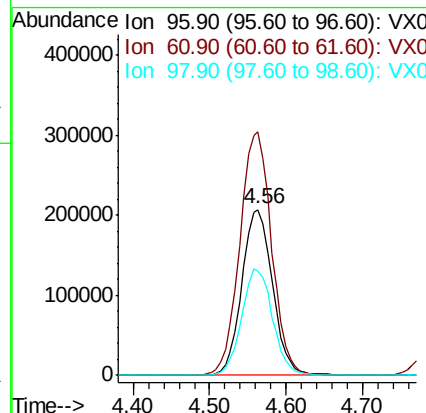
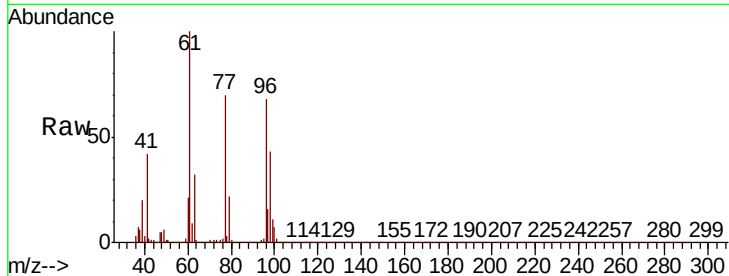


#27

cis-1,2-Dichloroethene
Concen: 45.629 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

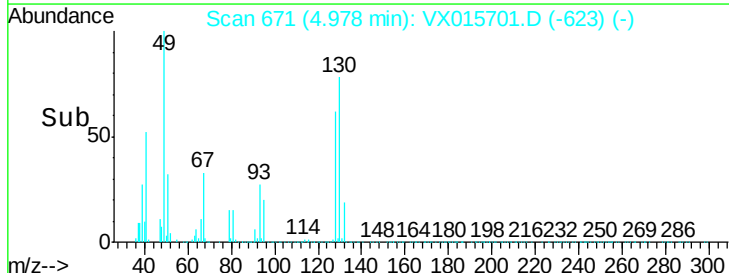
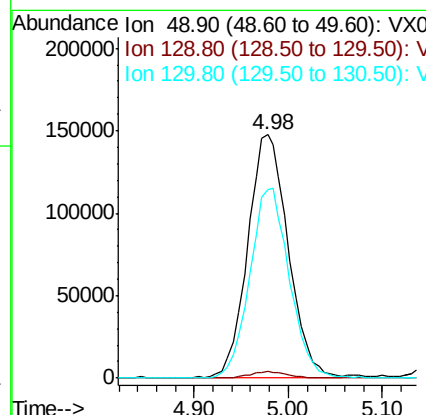
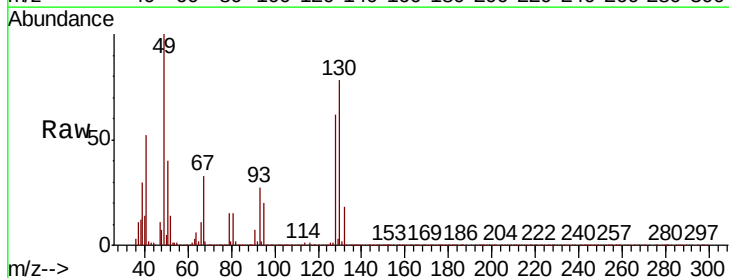
Tot Ion	96	Resp	576341
Ion Ratio	Lower	Upper	
96	100		
61	152.1	0.0	308.4
98	64.9	0.0	129.2

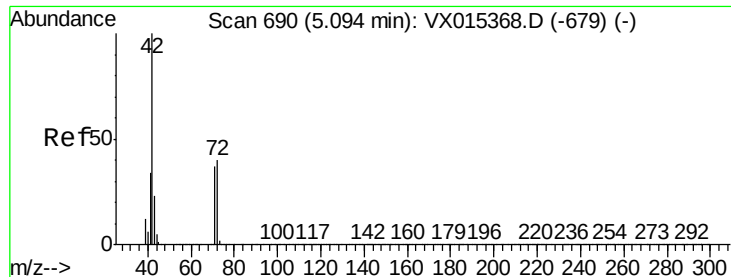


#28

Bromochloromethane
Concen: 43.054 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Tgt Ion	49	Resp	440827
Ion Ratio	Lower	Upper	
49	100		
129	2.6	0.0	4.4
130	76.3	57.7	86.5

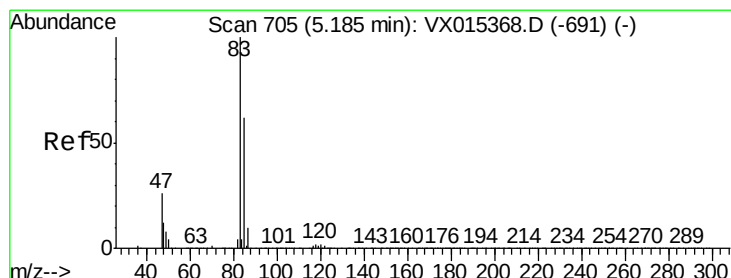
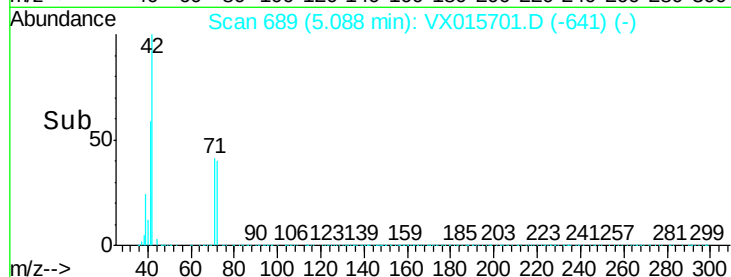
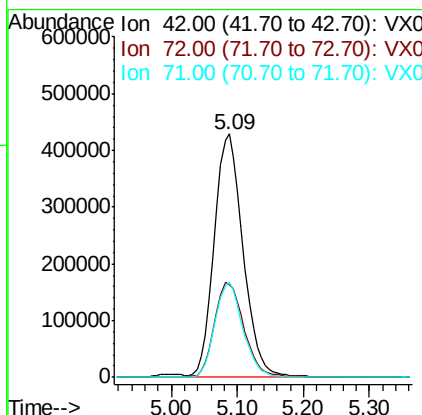
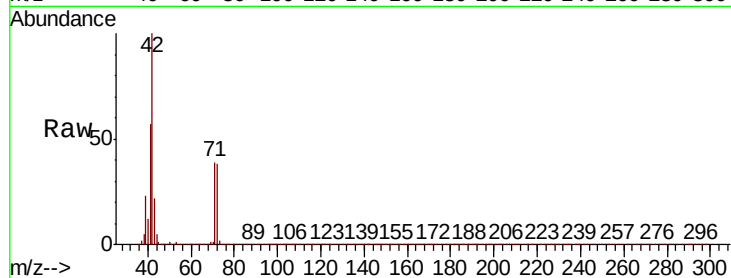




#29
Tetrahydrofuran
Concen: 198.088 ug/l
RT: 5.09 min Scan# 689
Delta R.T. -0.01 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

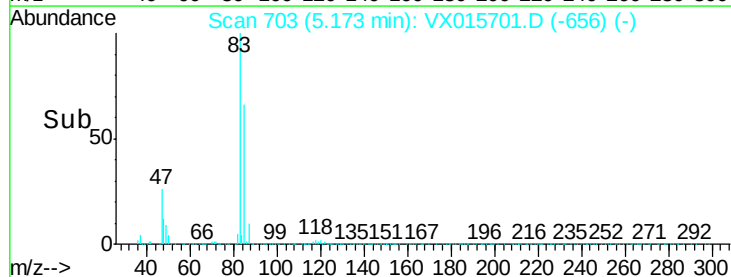
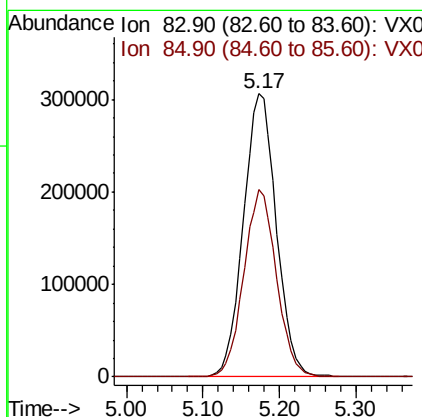
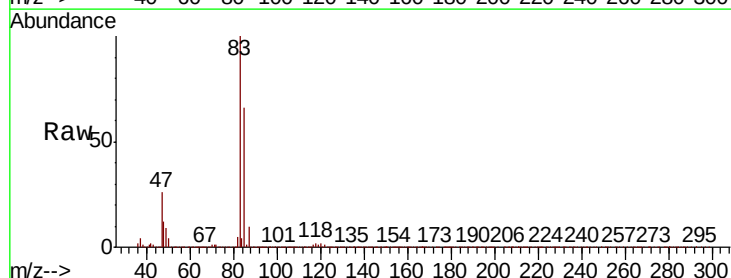
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

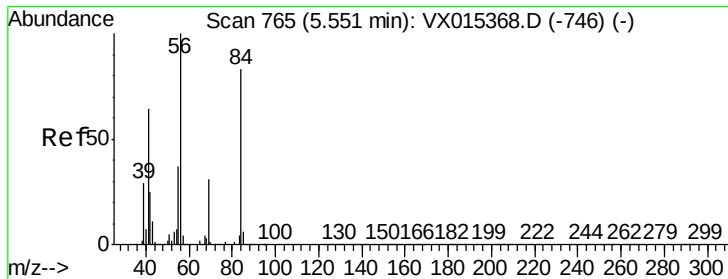
Tot Ion: 42 Resp: 1293033
Ion Ratio Lower Upper
42 100
72 40.2 31.7 47.5
71 38.1 29.6 44.4



#30
Chloroform
Concen: 44.383 ug/l
RT: 5.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Tgt Ion: 83 Resp: 915726
Ion Ratio Lower Upper
83 100
85 66.2 49.5 74.3

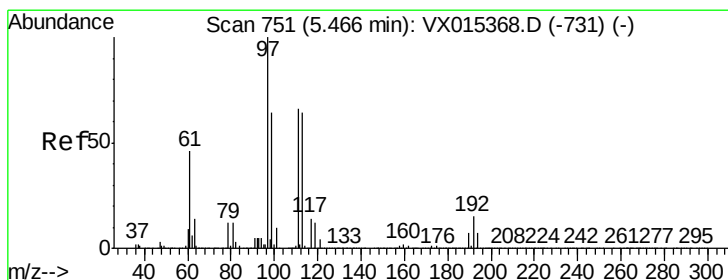
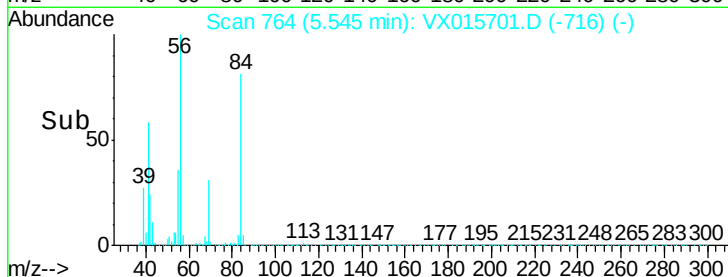
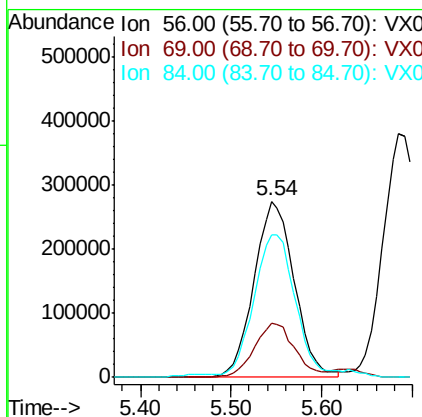
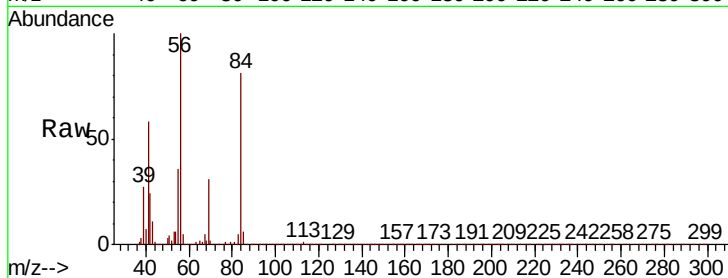




#31
Cyclohexane
Concen: 45.035 ug/l
RT: 5.54 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

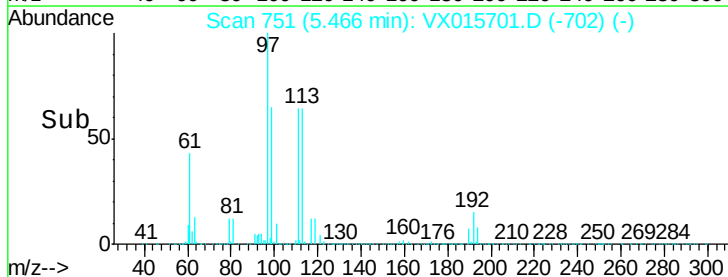
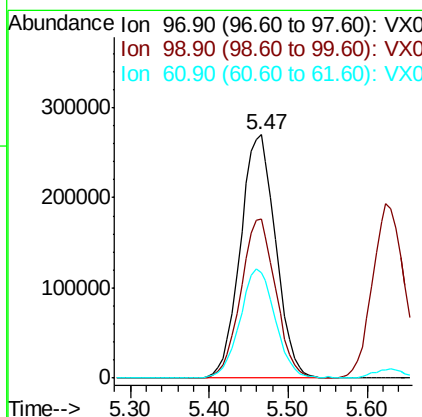
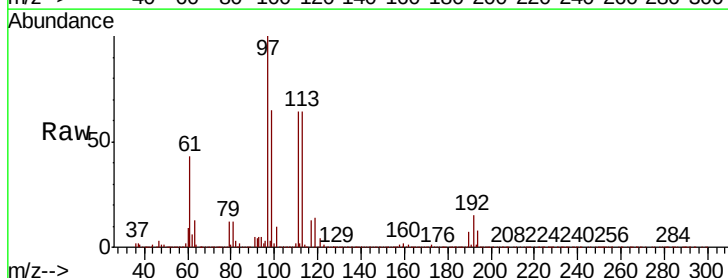
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

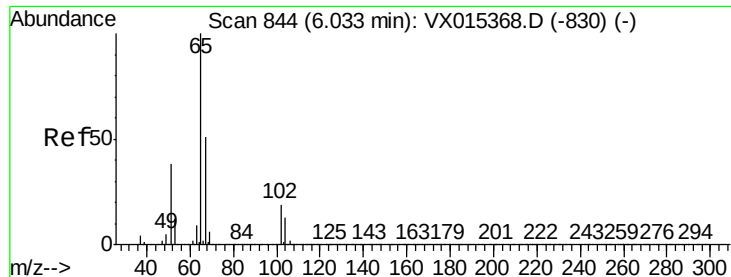
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.6	36.8
84	79.4	66.1	99.1



#32
1,1,1-Trichloroethane
Concen: 44.895 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	44.4	36.1	54.1

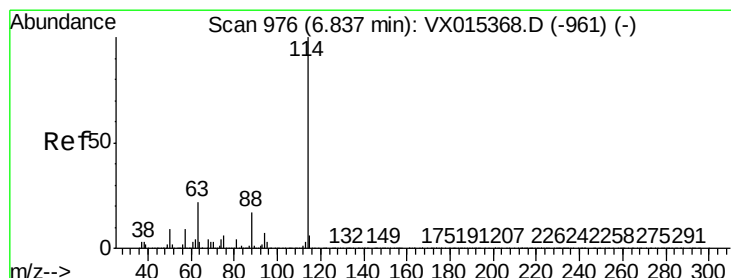
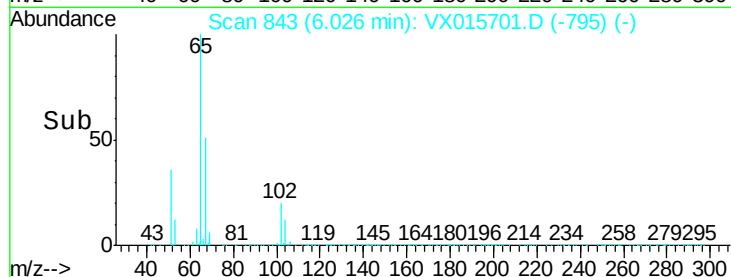
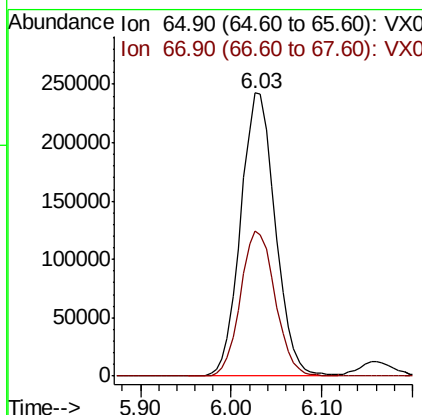
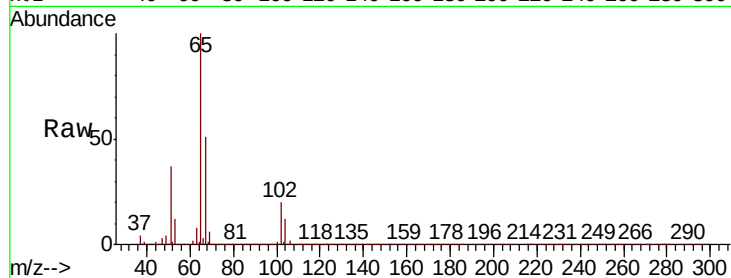




#33
 1,2-Dichloroethane-d4
 Concen: 43.611 ug/l
 RT: 6.03 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

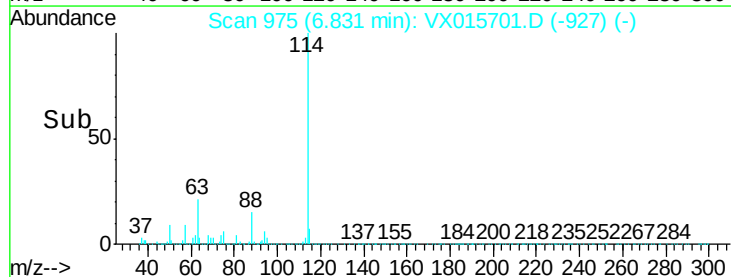
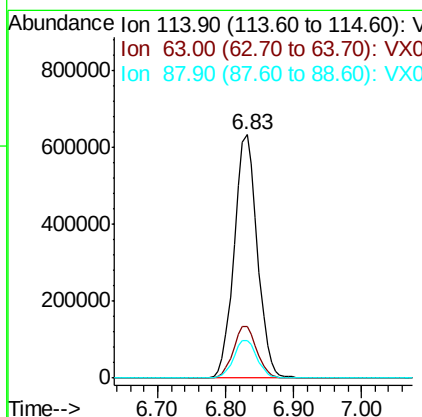
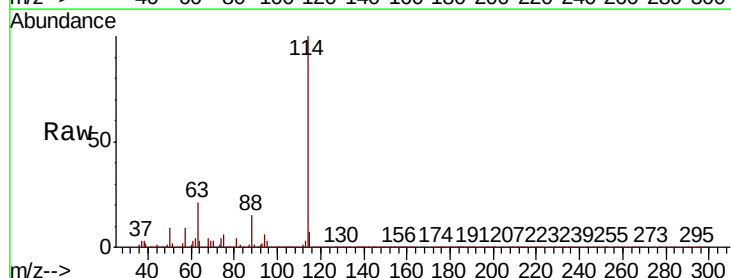
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

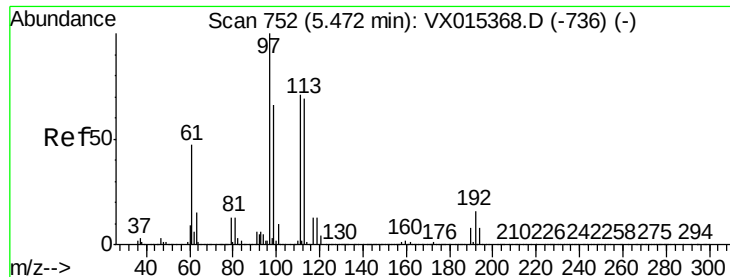
Tot Ion: 65 Resp: 640907
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

Tgt Ion: 114 Resp: 1494284
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 44.2
 88 15.4 0.0 33.8

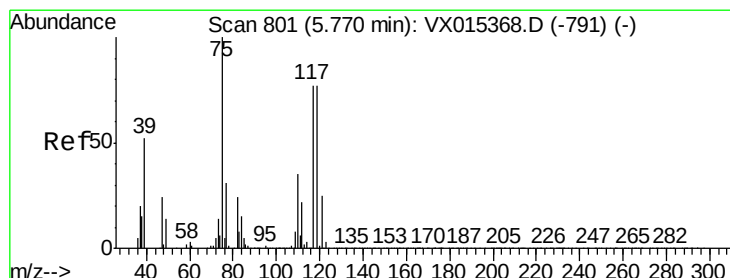
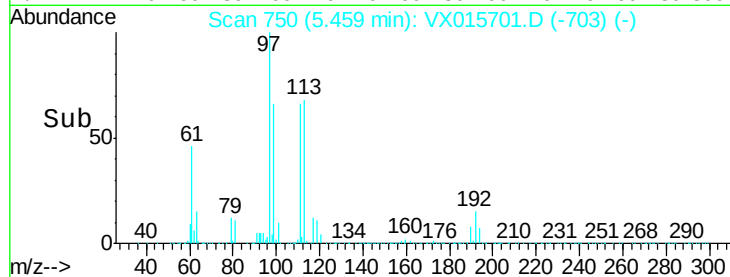
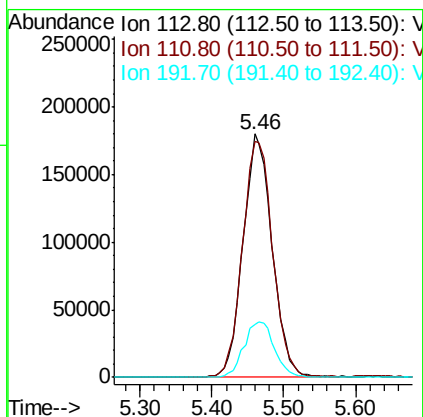
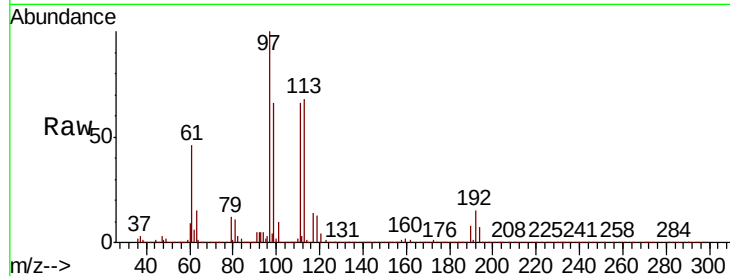




#35
 Dibromofluoromethane
 Concen: 52.868 ug/l
 RT: 5.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

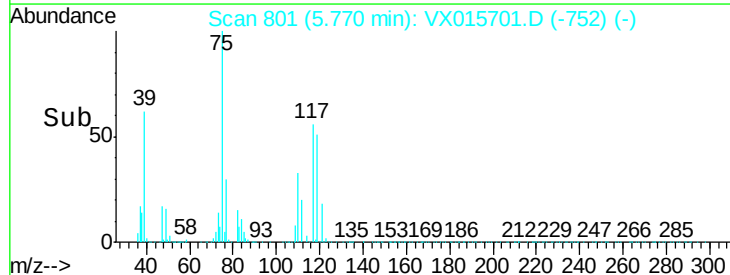
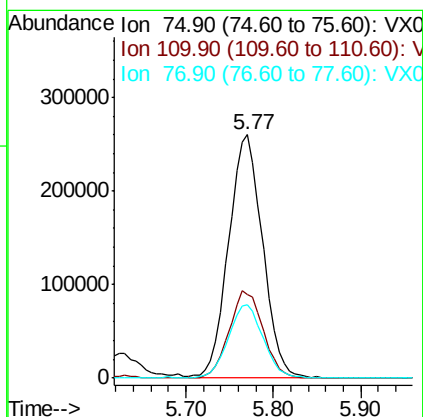
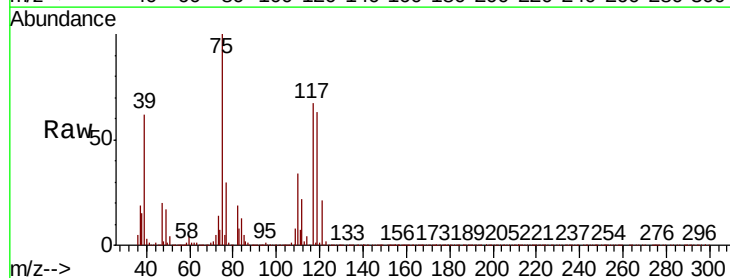
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

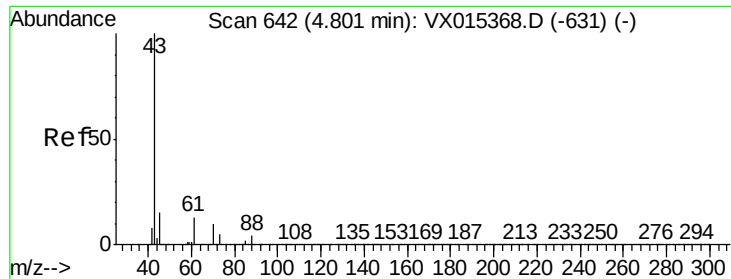
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.5	122.3
192	23.8	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 50.675 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.1	51.3
77	30.6	24.6	36.8

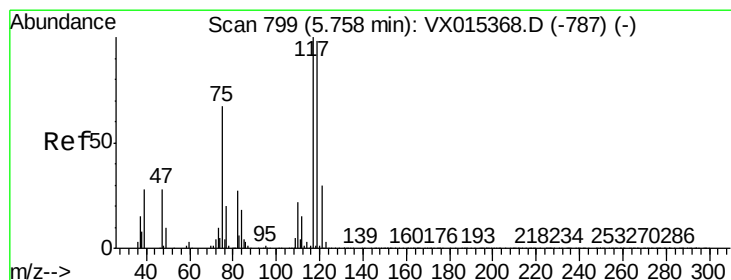
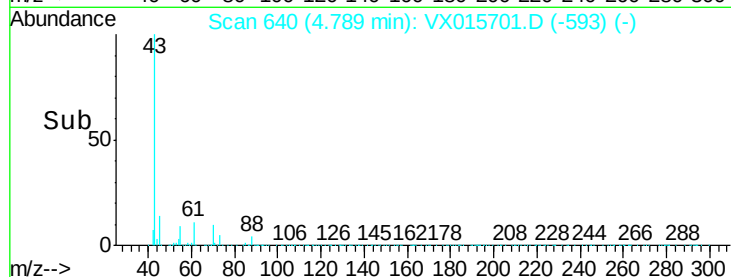
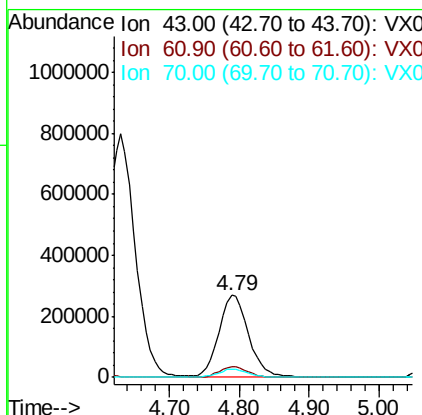
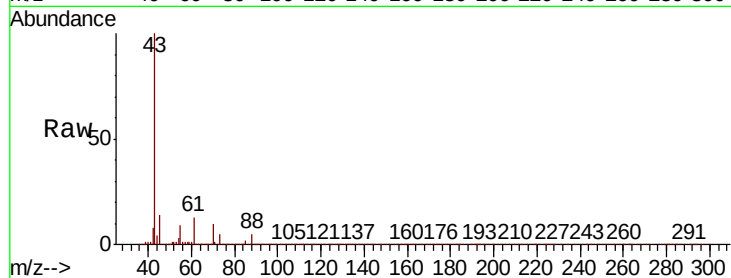




#37
Ethyl Acetate
Concen: 44.093 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

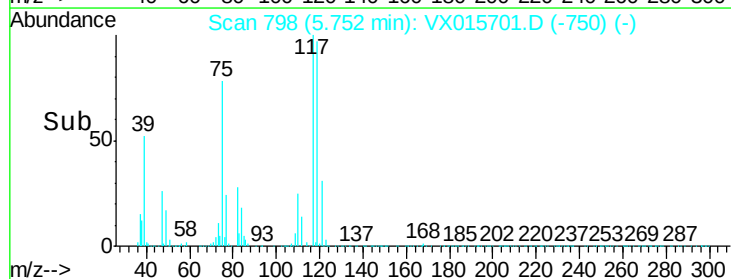
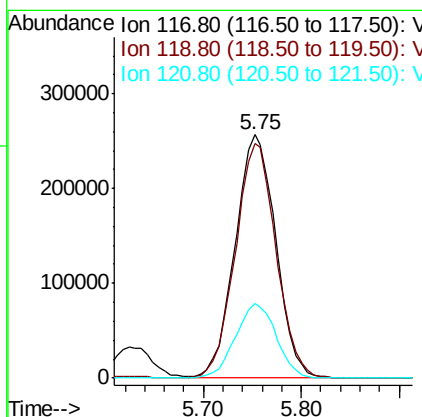
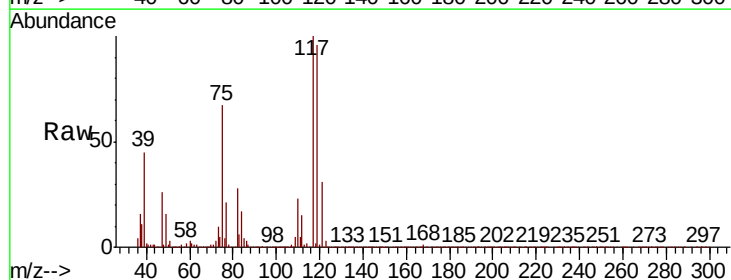
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

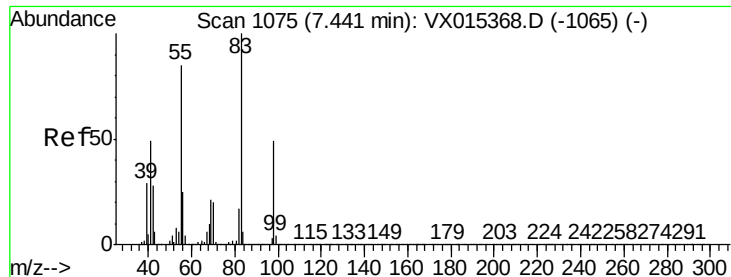
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	9.8	8.1	12.1



#38
Carbon Tetrachloride
Concen: 49.581 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.0	117.0
121	30.6	23.8	35.8

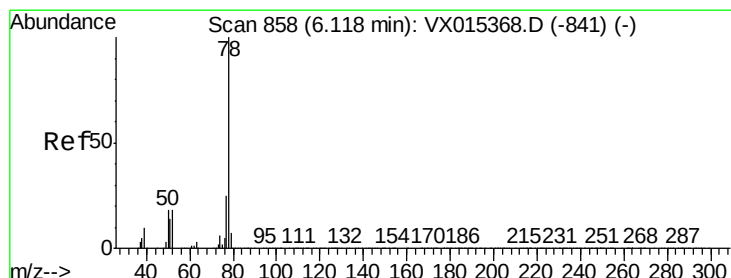
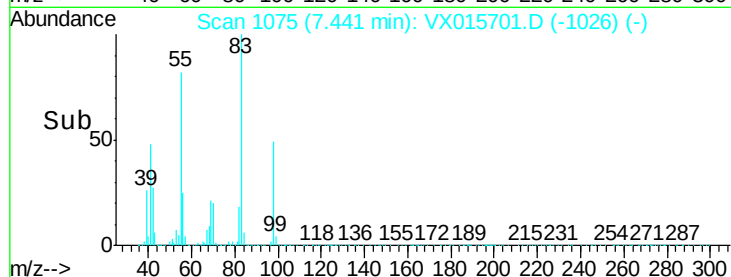
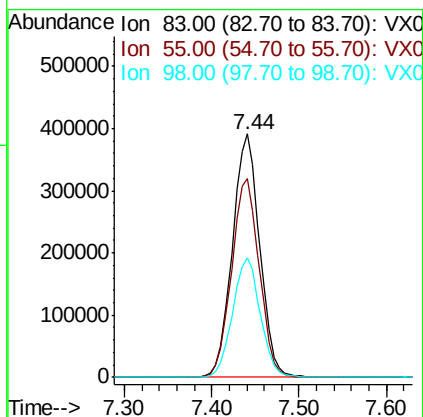
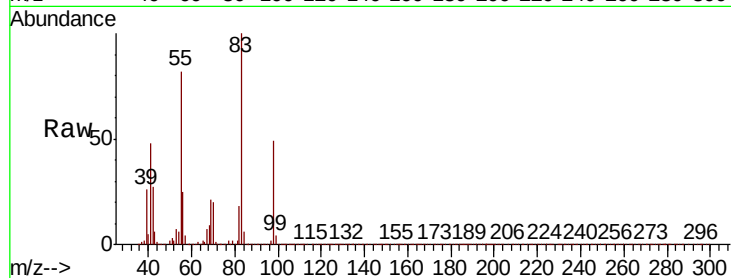




#39
Methylvlcyclohexane
Concen: 53.337 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

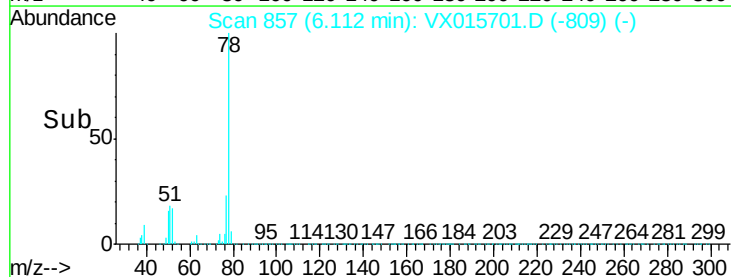
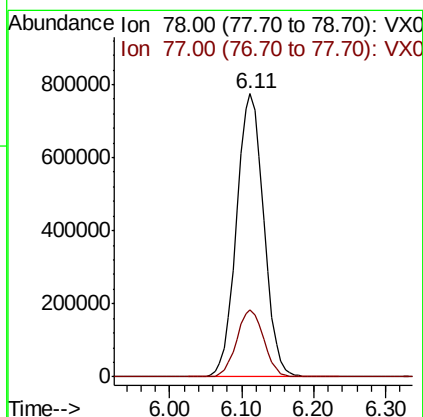
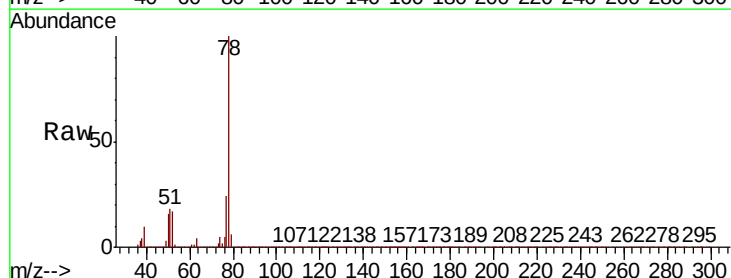
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

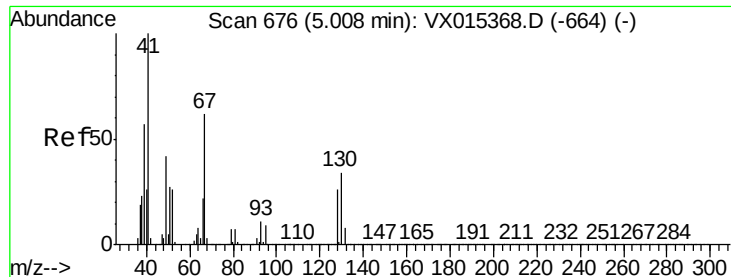
Tot Ion	83.00	Resp	846709
Ion Ratio	Lower	Upper	
83	100		
55	81.5	67.8	101.6
98	48.8	39.3	58.9



#40
Benzene
Concen: 50.477 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Tgt Ion	78.00	Resp	2035789
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.8	29.8

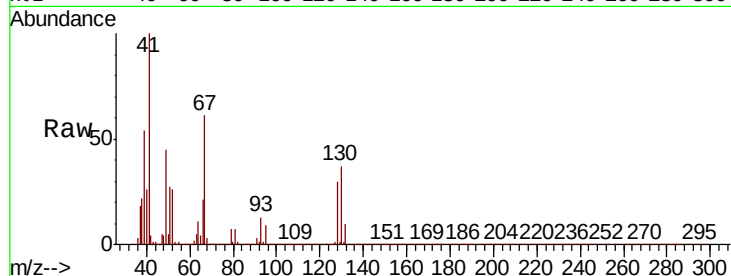




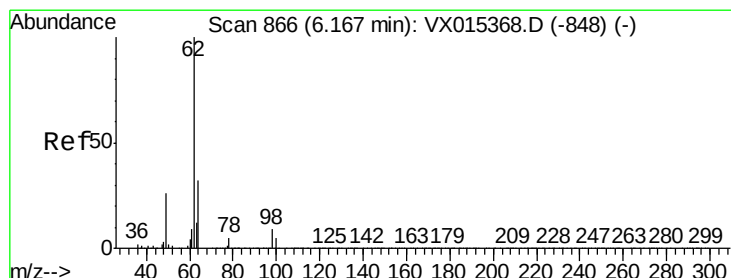
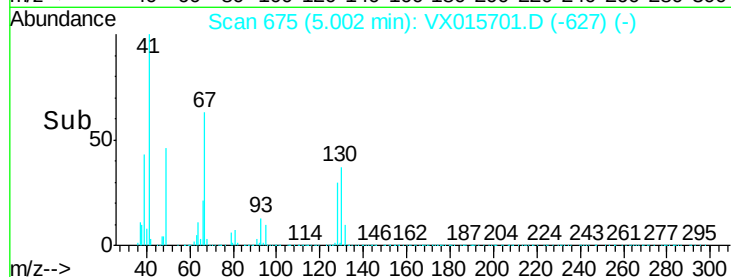
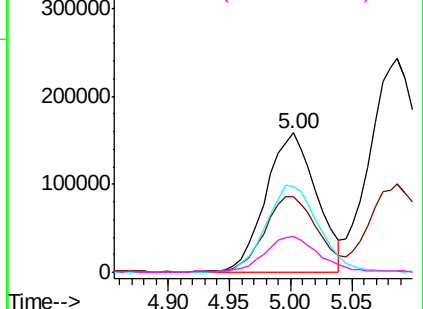
#41
Methacrylonitrile
Concen: 45.784 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	455625
Ion	Ratio	Lower	Upper
41	100		
39	57.5	44.5	66.7
67	64.9	48.9	73.3
52	26.9	21.8	32.6

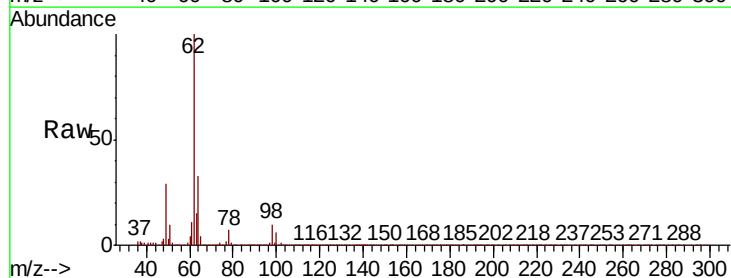


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

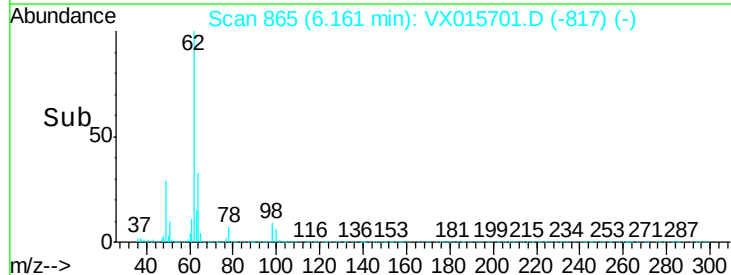
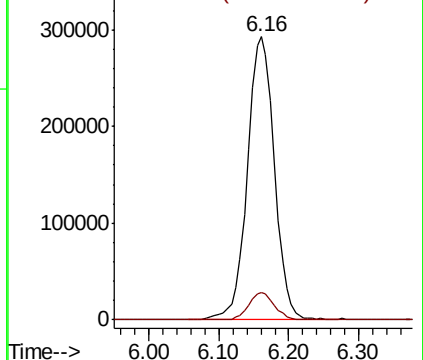


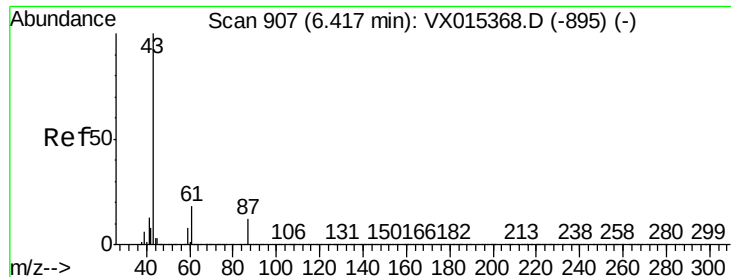
#42
1,2-Dichloroethane
Concen: 48.151 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Tgt Ion:	62	Resp:	780053
Ion	Ratio	Lower	Upper
62	100		
98	9.2	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: 45.668 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

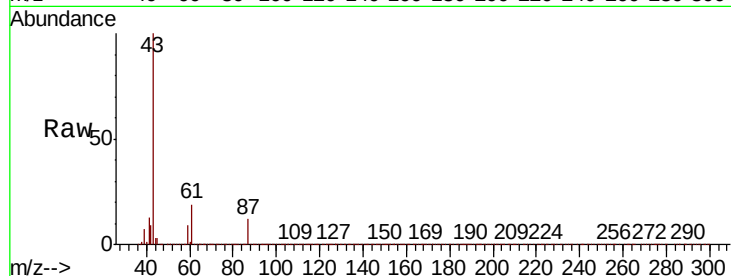
Tot Ion: 43 Resp: 1382051

Ion Ratio Lower Upper

43 100

61 18.9 14.8 22.2

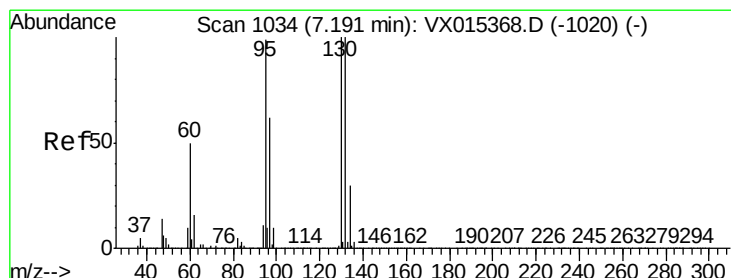
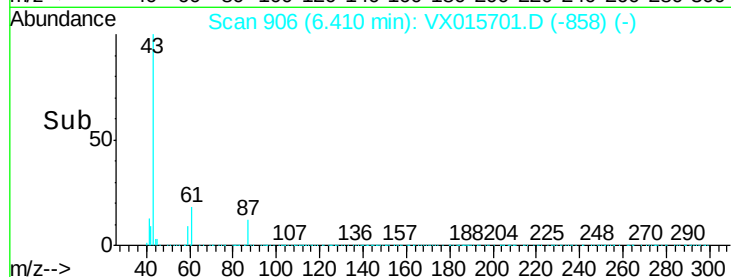
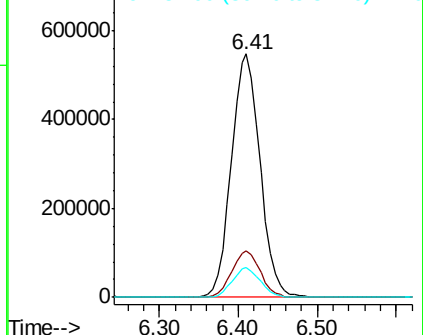
87 12.1 9.4 14.0



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: 53.791 ug/l

RT: 7.18 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX015701.D

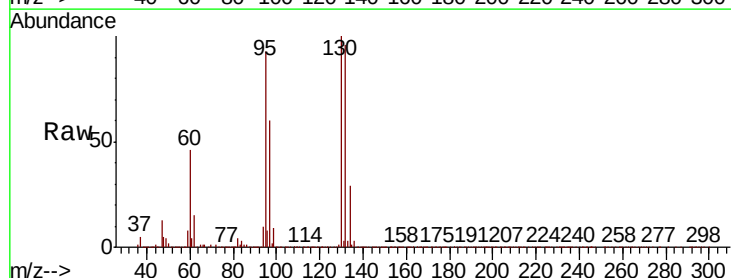
Acq: 16 Apr 2020 10:23

Tgt Ion:130 Resp: 591655

Ion Ratio Lower Upper

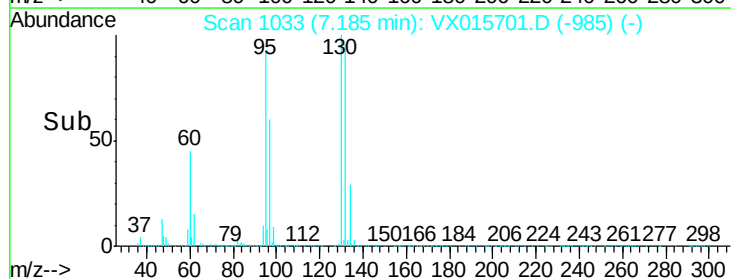
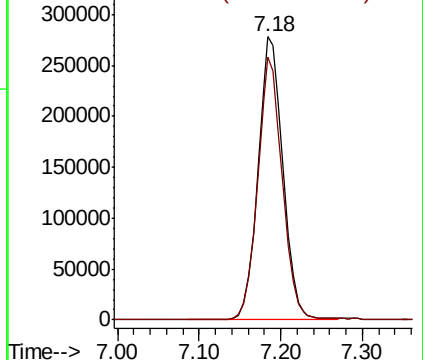
130 100

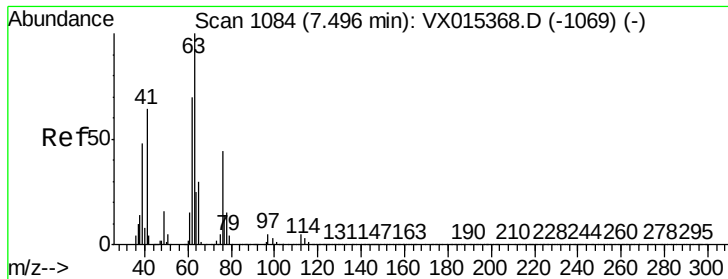
95 92.7 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

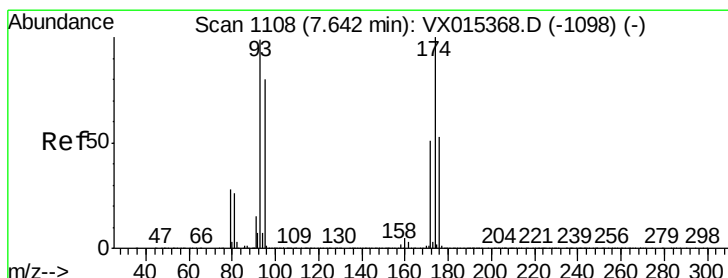
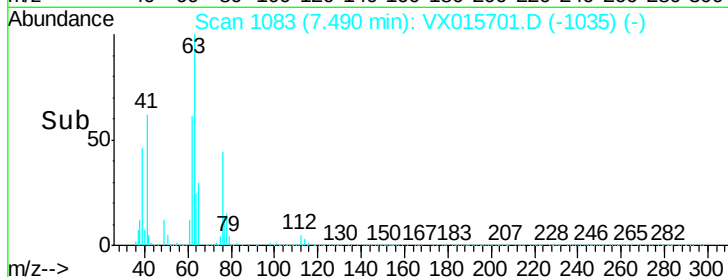
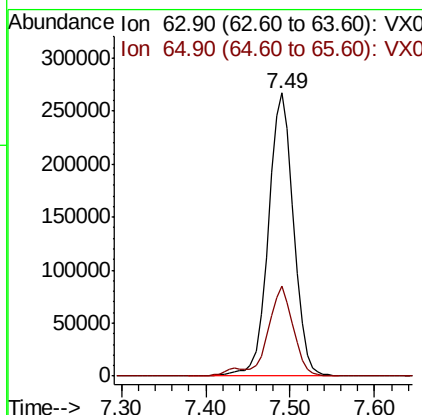
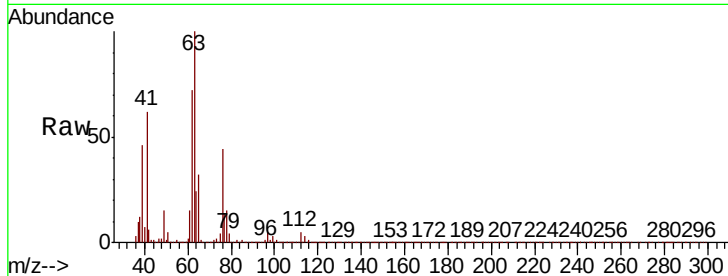




#45
 1,2-Dichloropropane
 Concen: 49.625 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

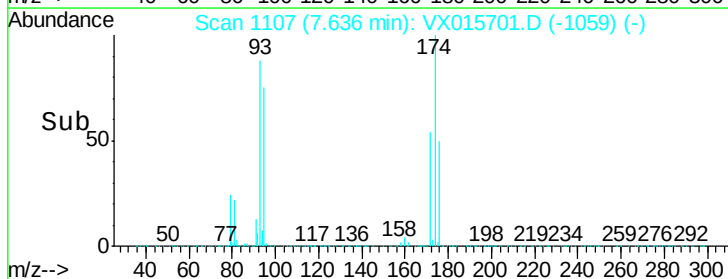
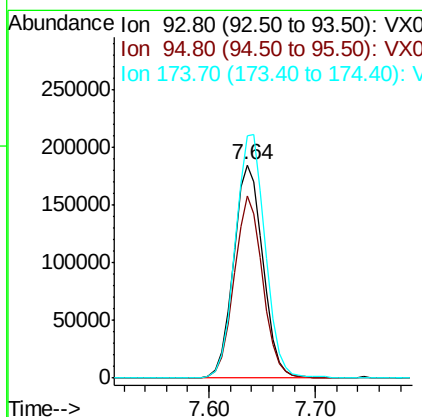
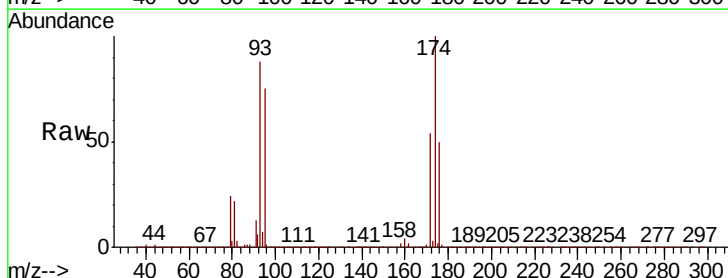
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

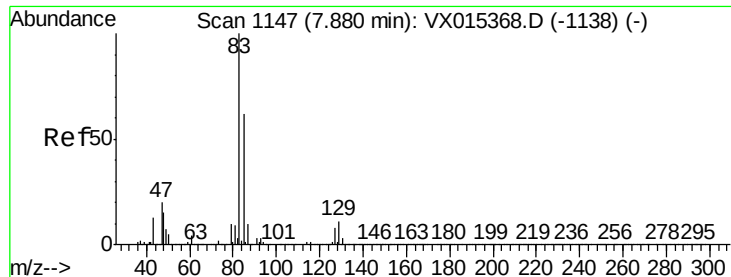
Tot Ion: 63 Resp: 547511
 Ion Ratio Lower Upper
 63 100
 65 31.6 23.9 35.9



#46
 Dibromomethane
 Concen: 49.609 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

Tgt Ion: 93 Resp: 359038
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.8 98.8
 174 116.1 86.2 129.2





#47

Bromodichloromethane

Concen: 49.085 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

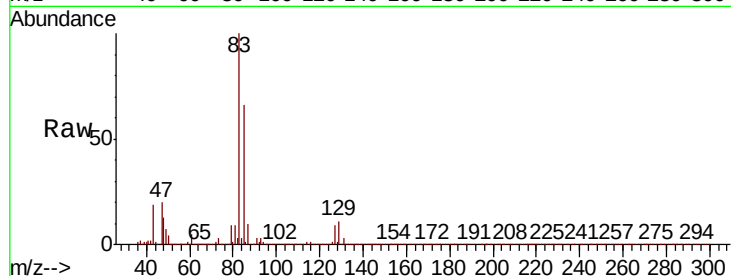
Tot Ion: 83 Resp: 756960

Ion Ratio Lower Upper

83 100

85 65.5 49.7 74.5

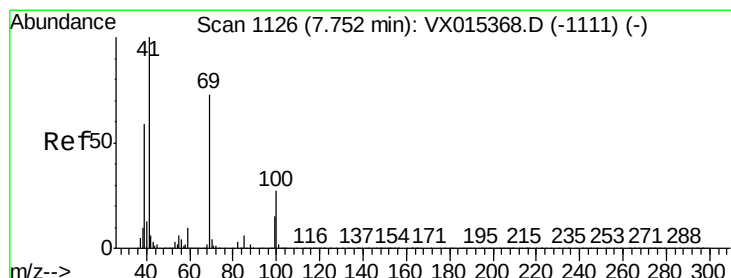
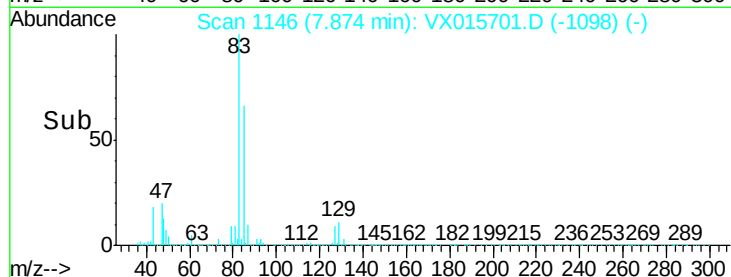
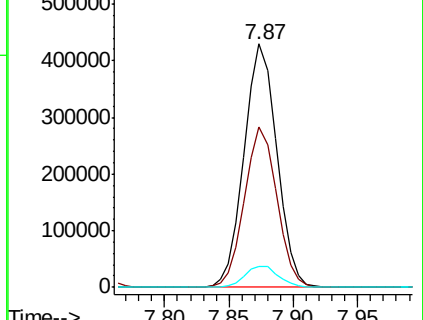
127 8.7 6.7 10.1



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: 45.361 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

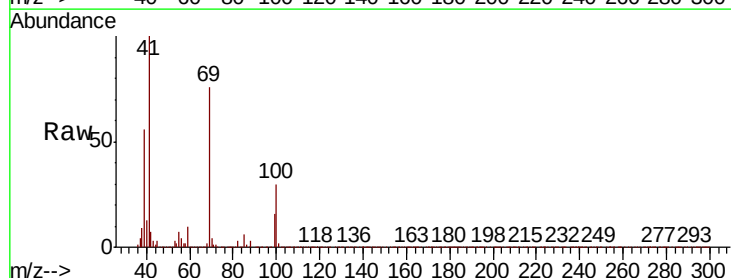
Tgt Ion: 41 Resp: 685669

Ion Ratio Lower Upper

41 100

69 74.2 56.7 85.1

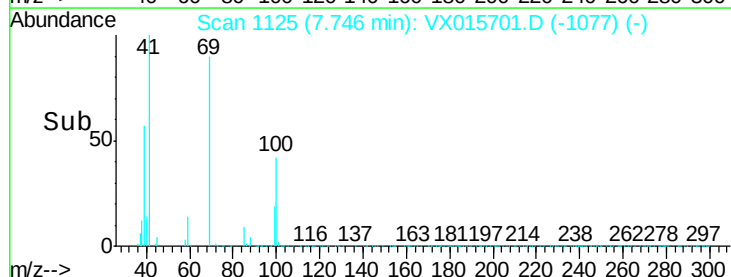
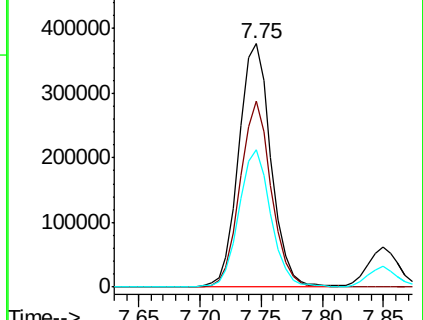
39 55.5 46.5 69.7

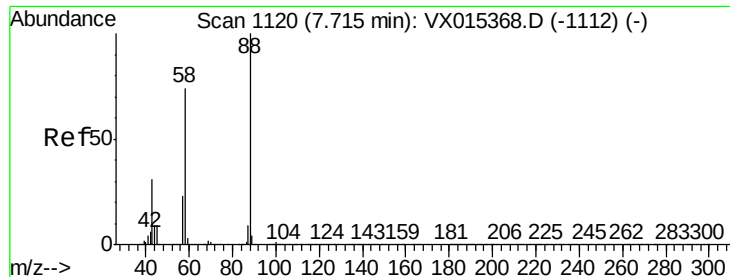


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 922.983 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

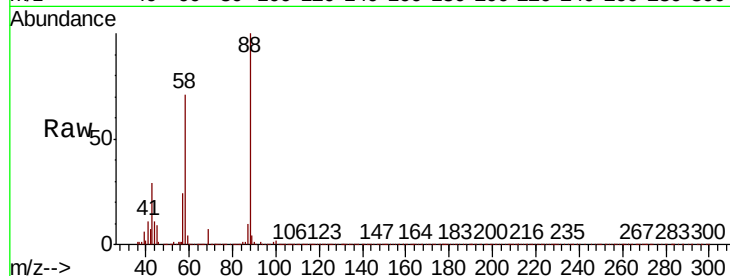
Tot Ion: 88 Resp: 260270

Ion	Ratio	Lower	Upper
88	100		
43	36.0	30.1	45.1
58	73.2	60.6	90.8

88 100

43 36.0 30.1 45.1

58 73.2 60.6 90.8

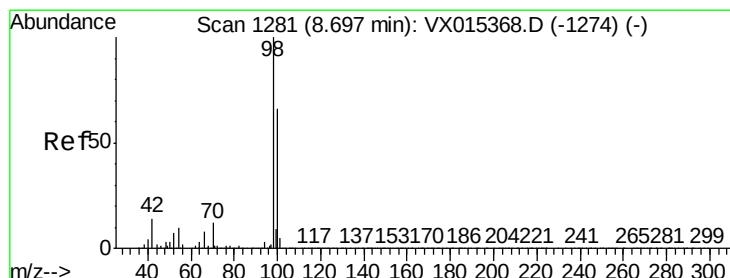
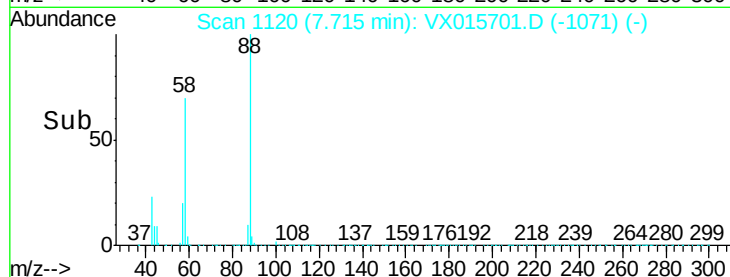
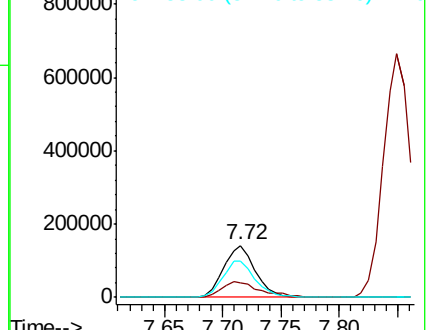


Abundance

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: 53.236 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015701.D

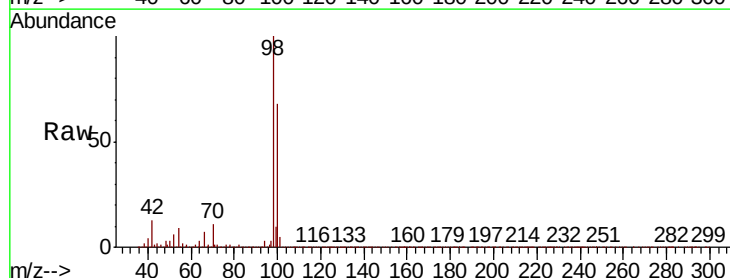
Acq: 16 Apr 2020 10:23

Tgt Ion: 98 Resp: 1872167

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.5	80.3

98 100

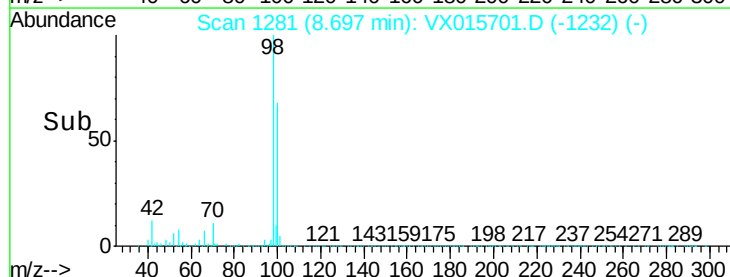
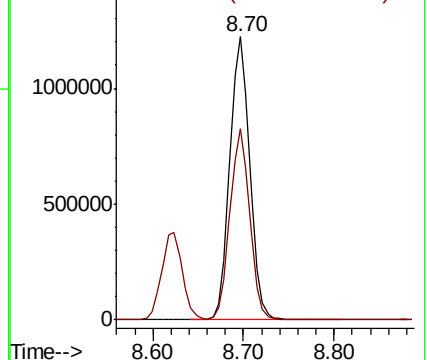
100 66.6 53.5 80.3

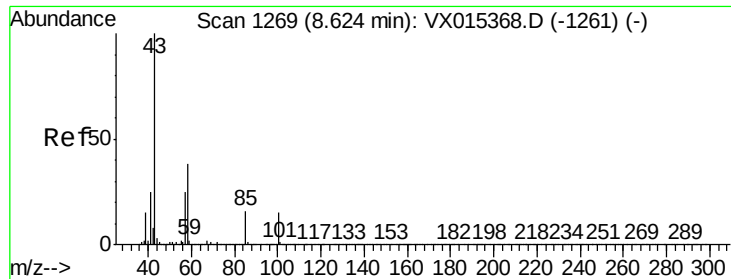


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 234.284 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

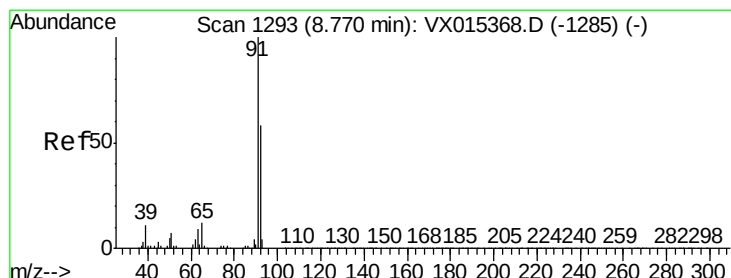
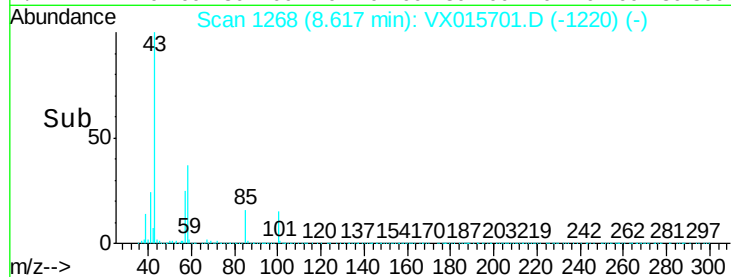
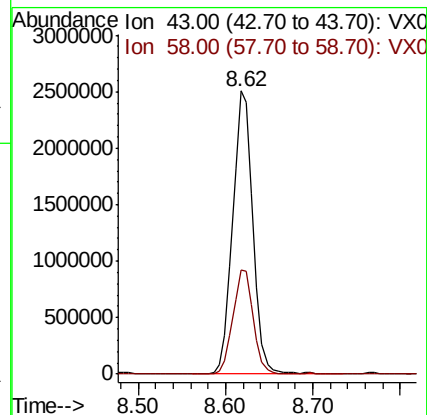
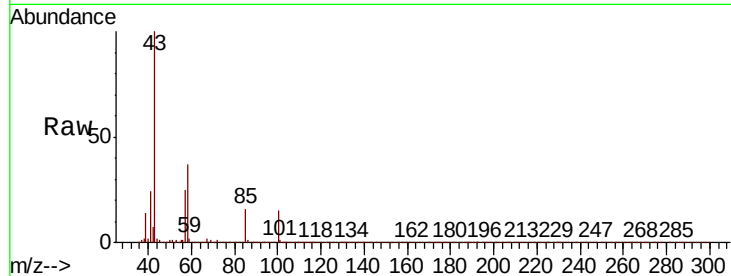
VSTDCCC050

Tot Ion: 43 Resp: 4018113

Ion Ratio Lower Upper

43 100

58 37.1 29.7 44.5



#52

Toluene

Concen: 52.316 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015701.D

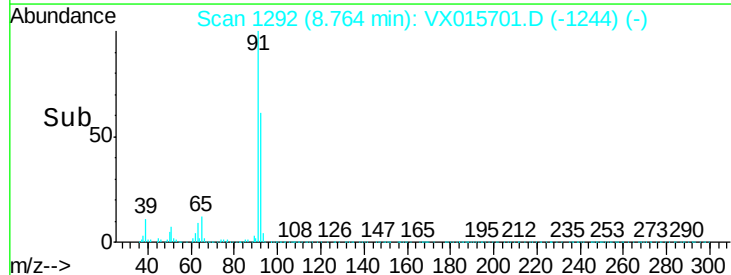
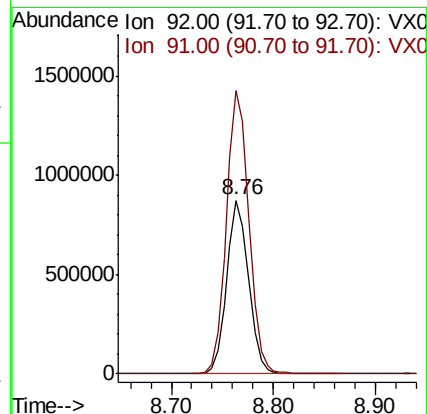
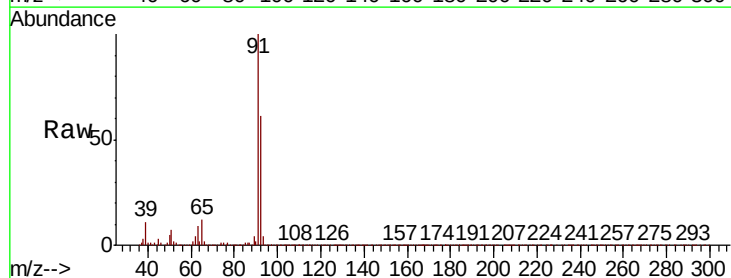
Acq: 16 Apr 2020 10:23

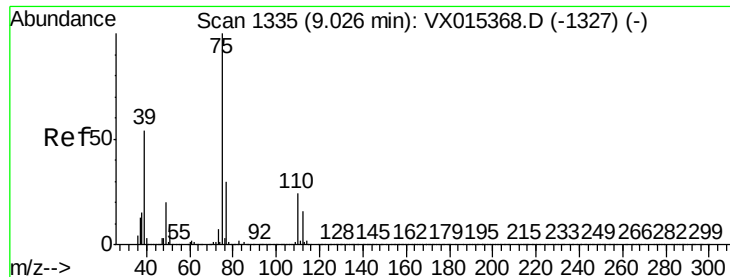
Tgt Ion: 92 Resp: 1300824

Ion Ratio Lower Upper

92 100

91 167.5 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 48.029 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

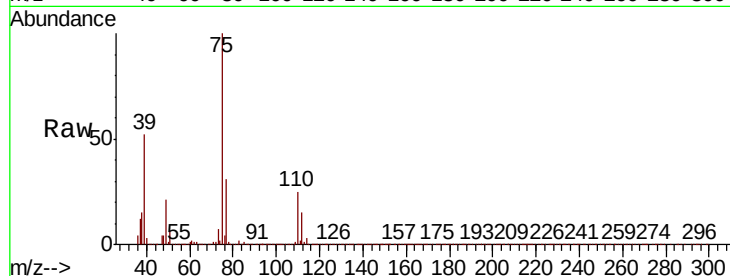
VSTDCCC050

Tot Ion: 75 Resp: 868675

Ion Ratio Lower Upper

75 100

77 31.2 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

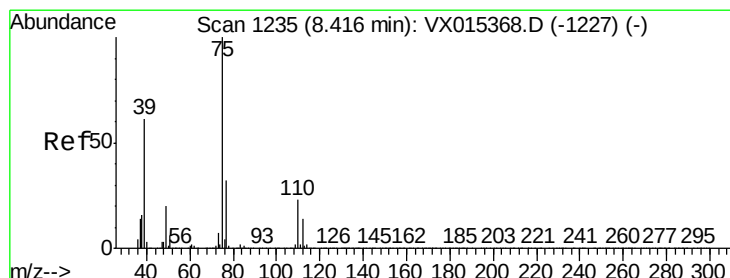
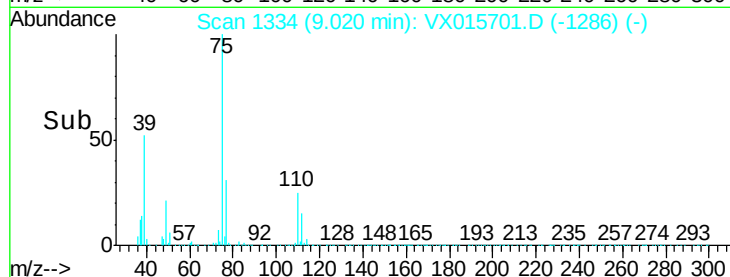
600000

400000

200000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 49.899 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

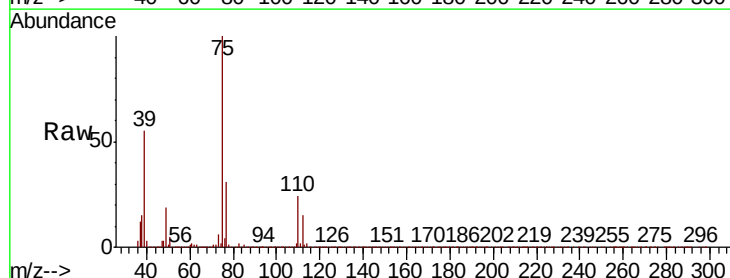
Tgt Ion: 75 Resp: 919339

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6

39 54.8 49.0 73.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

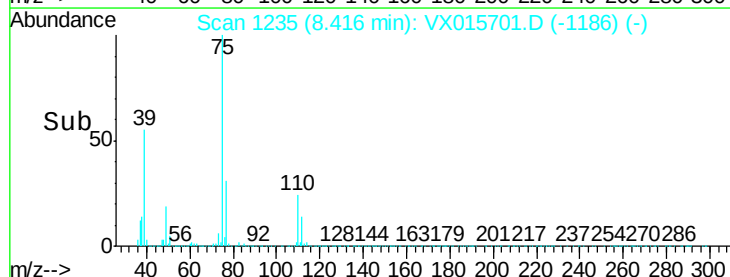
600000

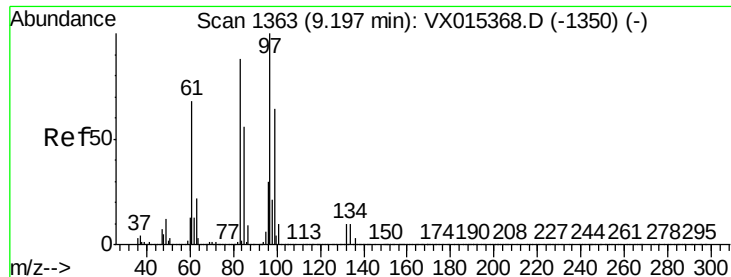
400000

200000

0

Time--> 8.30 8.35 8.40 8.45 8.50

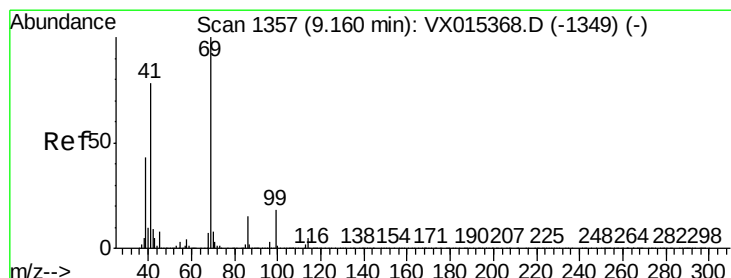
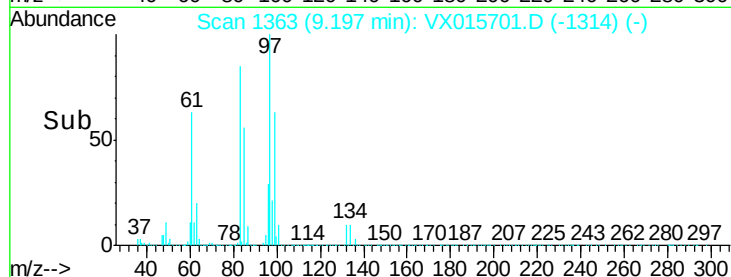
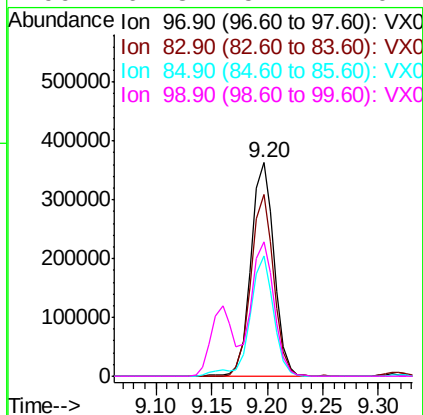
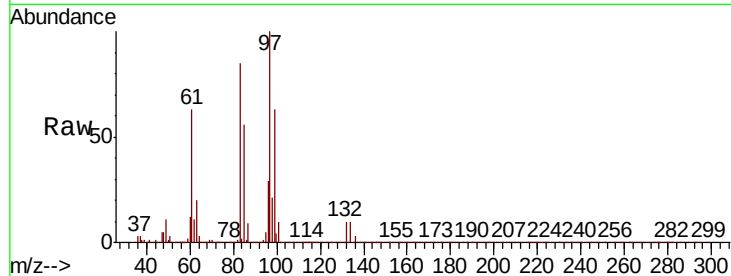




#55
 1,1,2-Trichloroethane
 Concen: 51.503 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

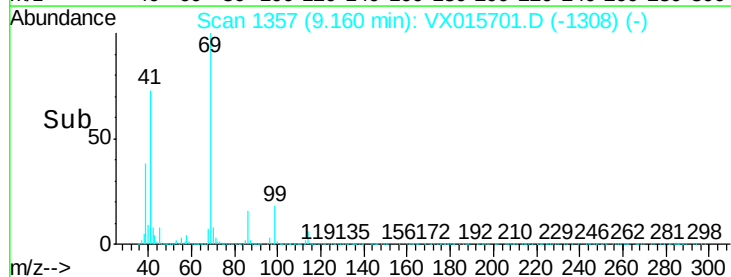
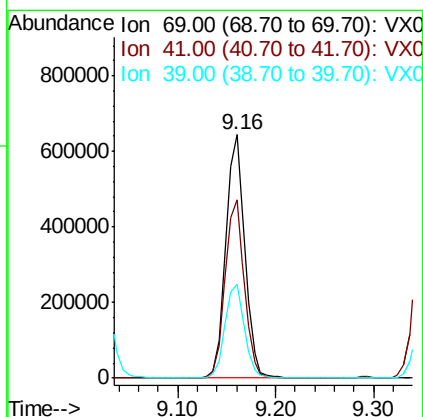
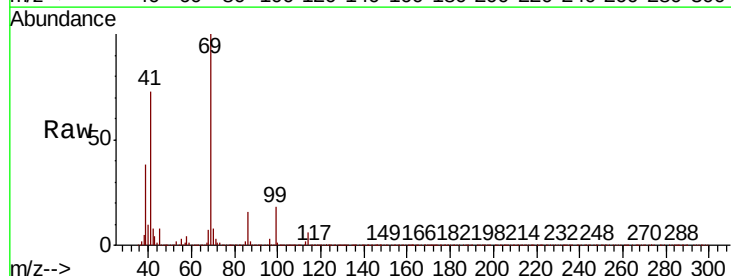
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

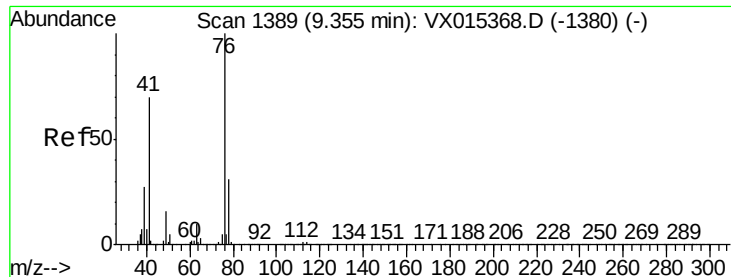
Tot Ion:	97	Resp:	524674
Ion	Ratio	Lower	Upper
97	100		
83	85.1	70.2	105.4
85	56.1	44.7	67.1
99	62.8	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 48.294 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

Tgt Ion:	69	Resp:	867052
Ion	Ratio	Lower	Upper
69	100		
41	74.0	61.6	92.4
39	39.3	34.0	51.0

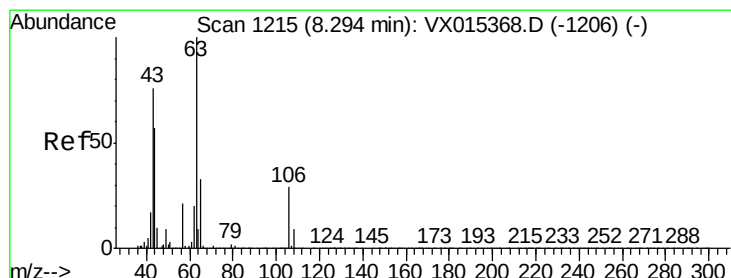
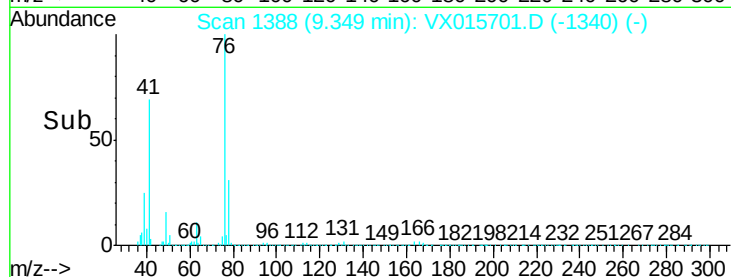
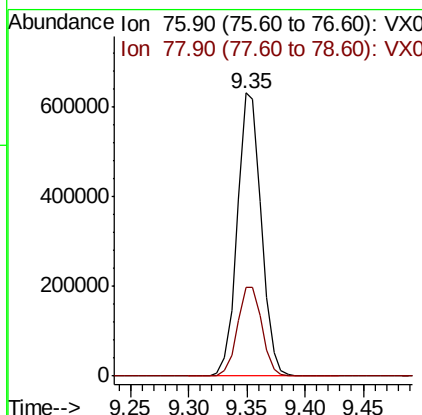
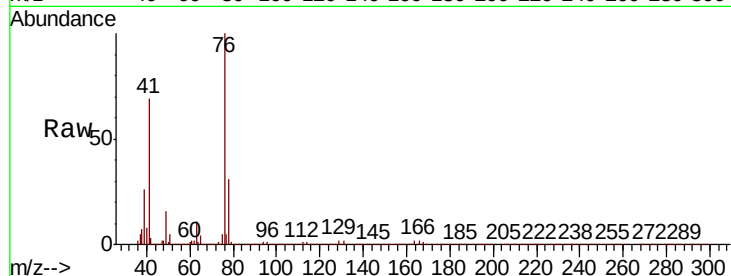




#57
 1,3-Dichloropropane
 Concen: 49.329 ug/l
 RT: 9.35 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

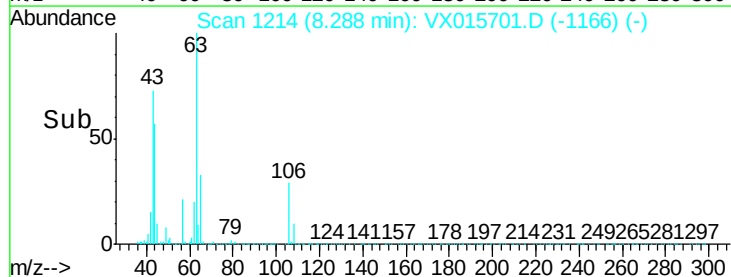
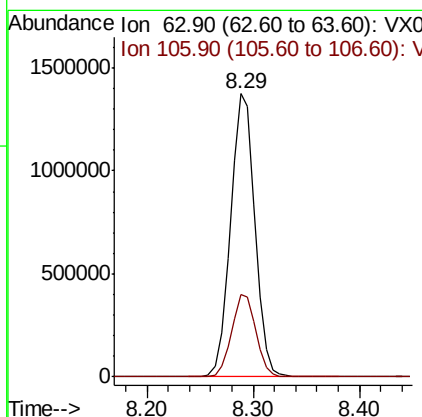
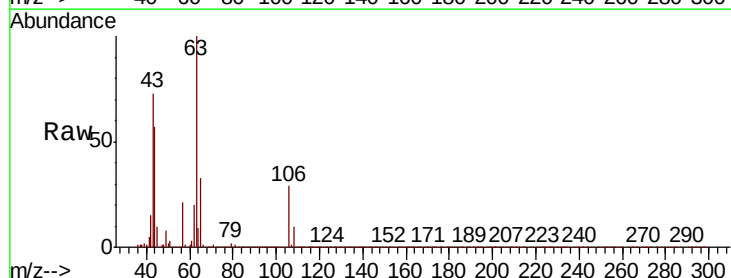
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

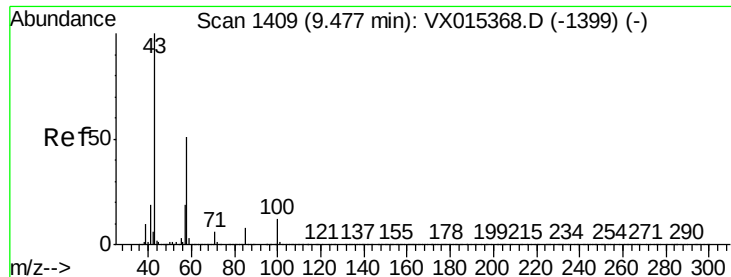
Tot Ion: 76 Resp: 905404
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.043 ug/l
 RT: 8.29 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

Tgt Ion: 63 Resp: 2192310
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.7 34.1

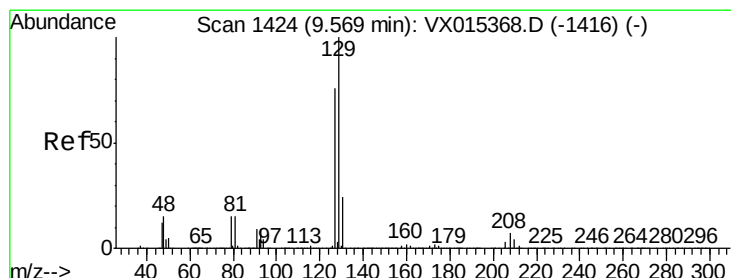
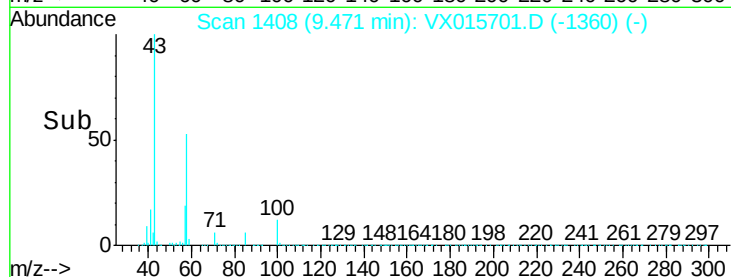
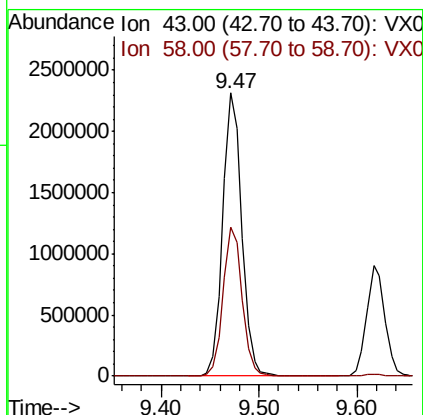
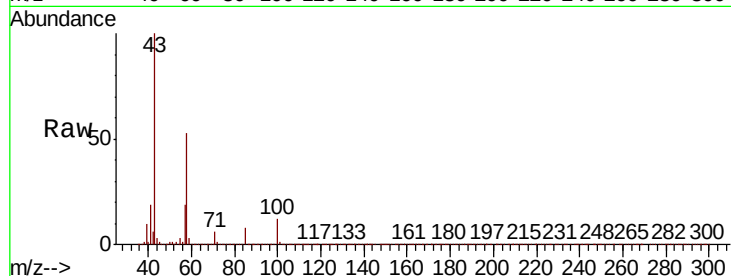




#59
2-Hexanone
Concen: 241.029 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

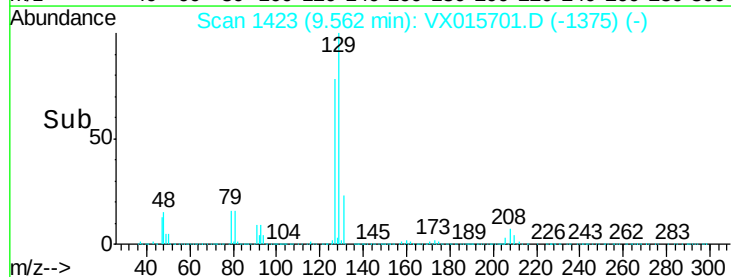
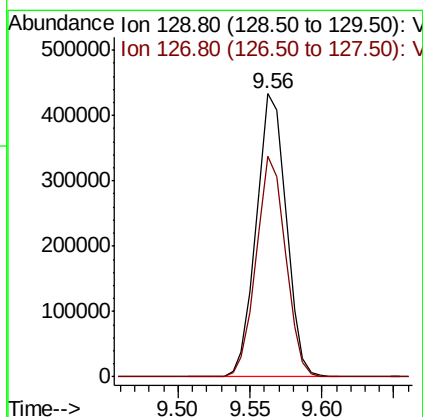
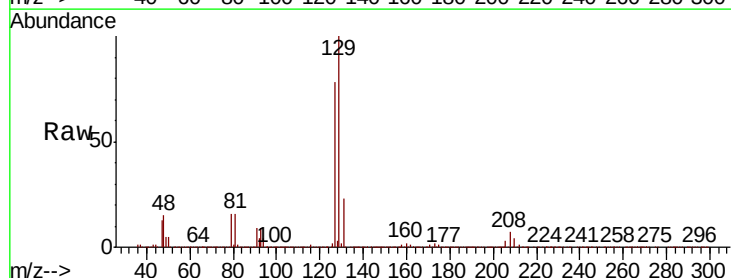
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

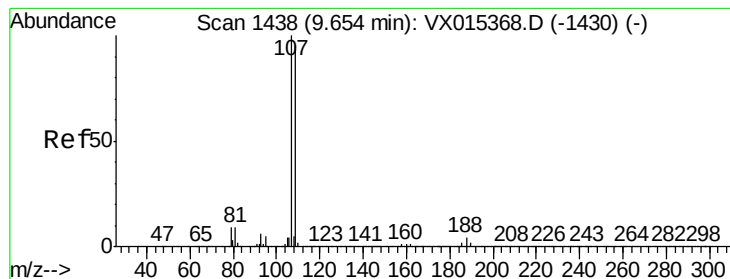
Tot Ion: 43 Resp: 3120924
Ion Ratio Lower Upper
43 100
58 52.6 25.6 76.6



#60
Dibromochloromethane
Concen: 50.507 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Tgt Ion: 129 Resp: 618271
Ion Ratio Lower Upper
129 100
127 76.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 49.282 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

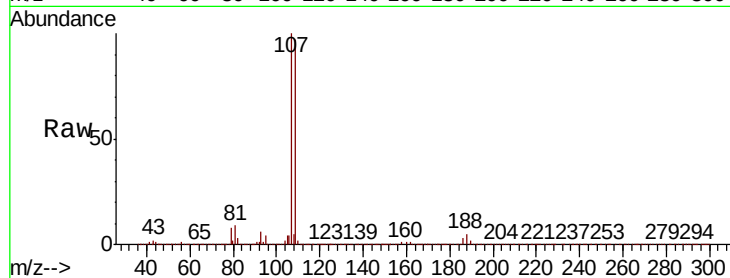
VSTDCCC050

Tot Ion: 107 Resp: 545903

Ion Ratio Lower Upper

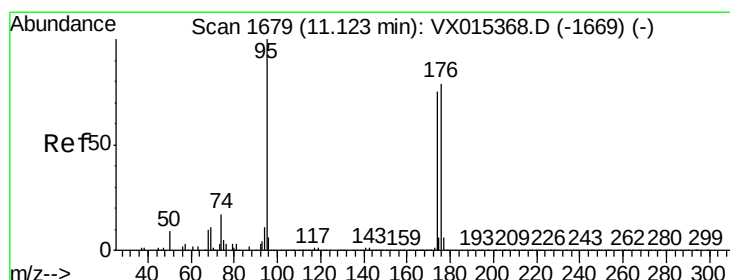
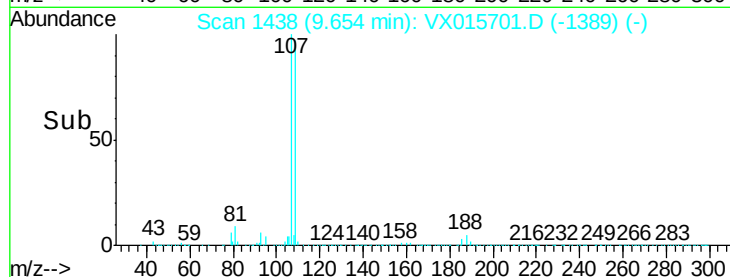
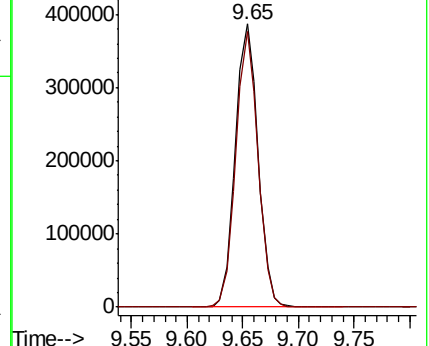
107 100

109 95.3 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.967 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

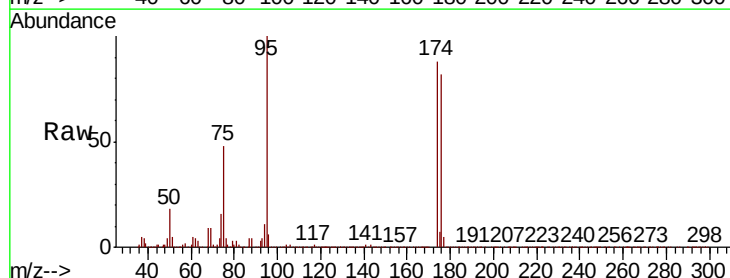
Tgt Ion: 95 Resp: 757006

Ion Ratio Lower Upper

95 100

174 88.4 0.0 158.6

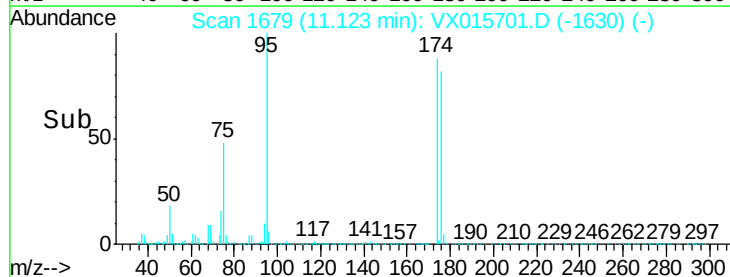
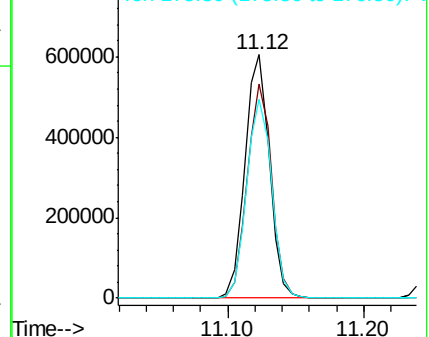
176 84.2 0.0 159.0

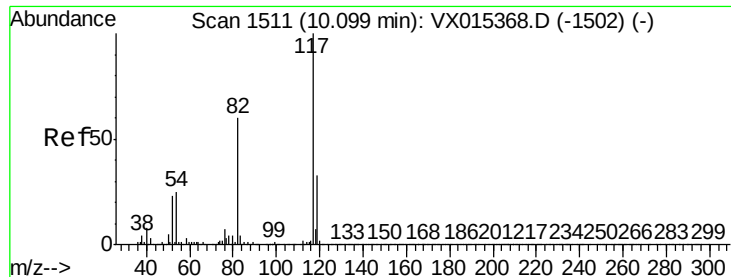


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

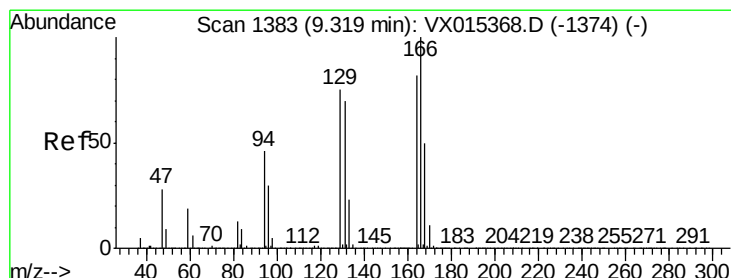
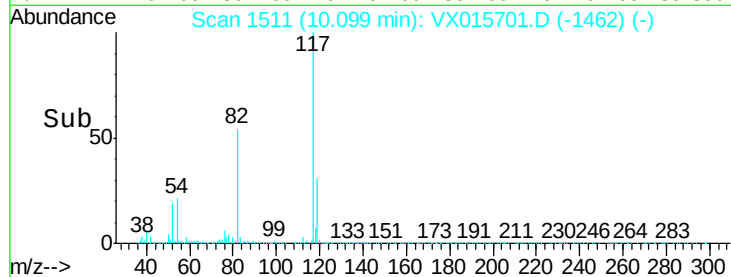
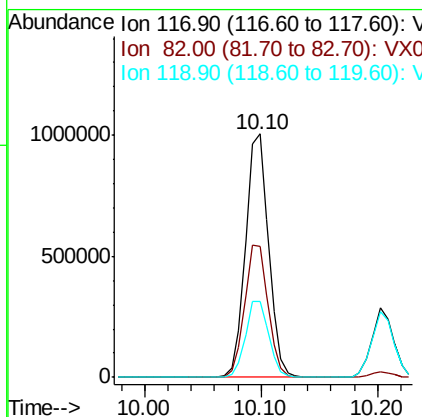
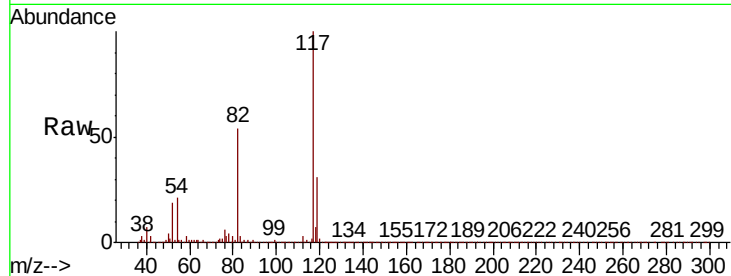




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

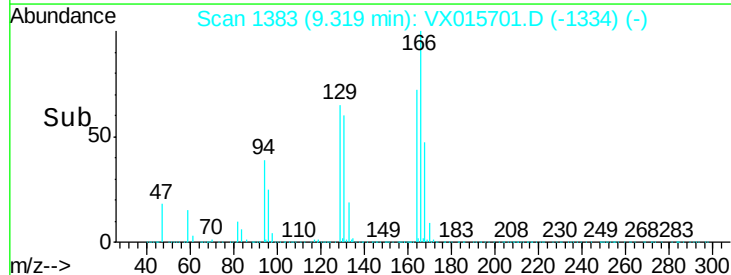
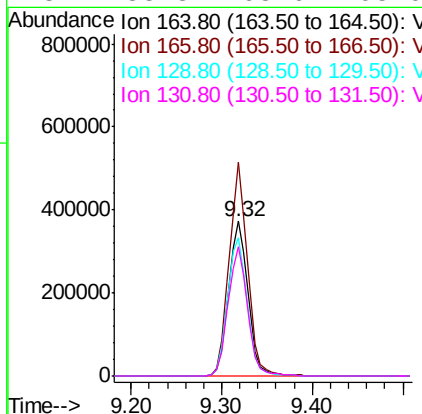
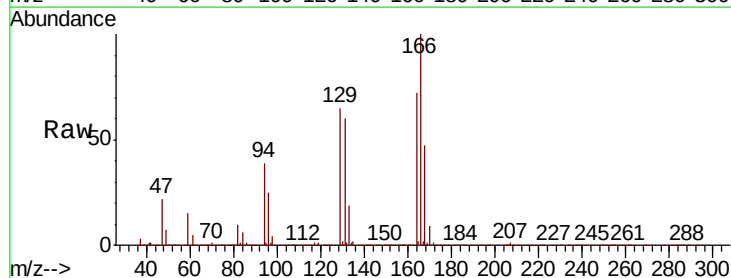
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

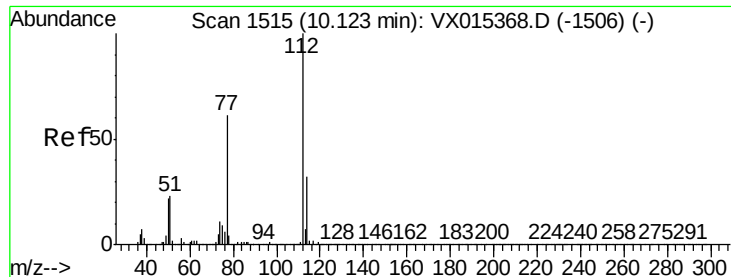
Tot Ion:117 Resp: 1395132
Ion Ratio Lower Upper
117 100
82 54.0 47.8 71.8
119 31.1 26.8 40.2



#64
Tetrachloroethene
Concen: 52.595 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Tgt Ion:164 Resp: 553759
Ion Ratio Lower Upper
164 100
166 138.0 97.8 146.6
129 89.1 73.0 109.4
131 83.3 68.6 103.0

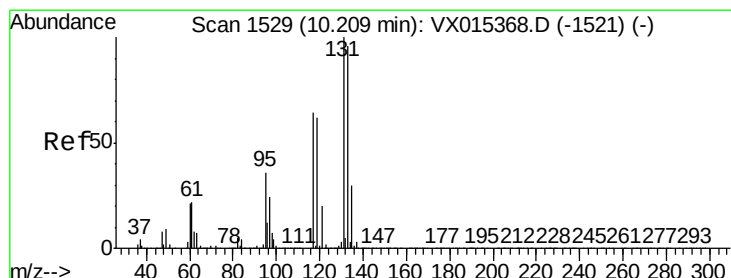
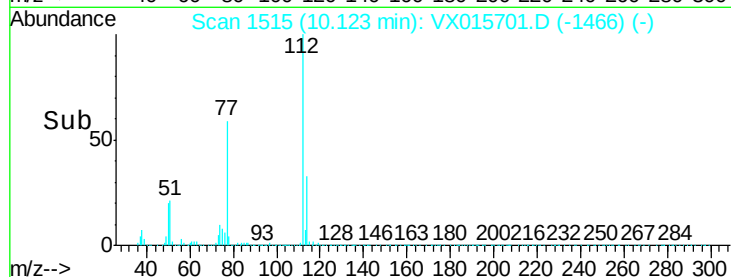
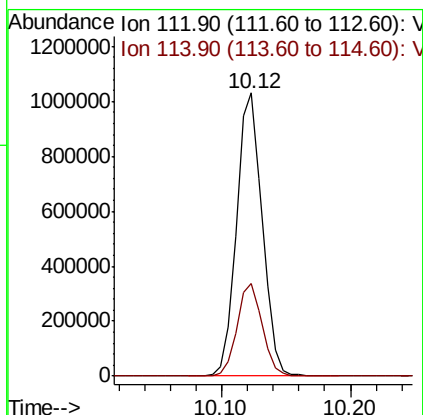
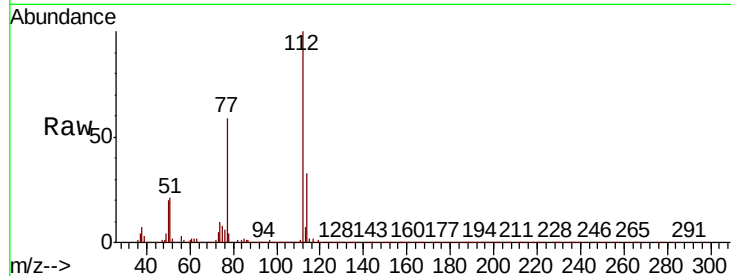




#65
Chlorobenzene
Concen: 51.106 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

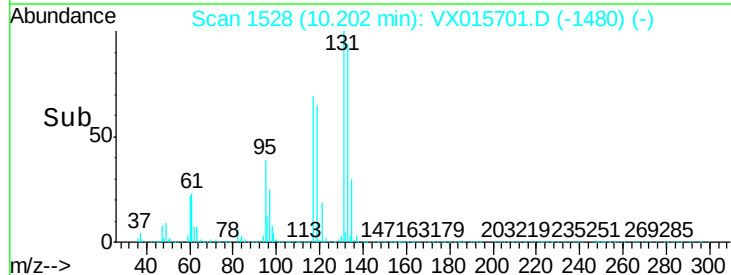
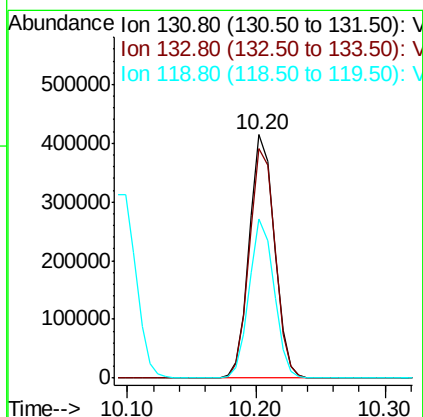
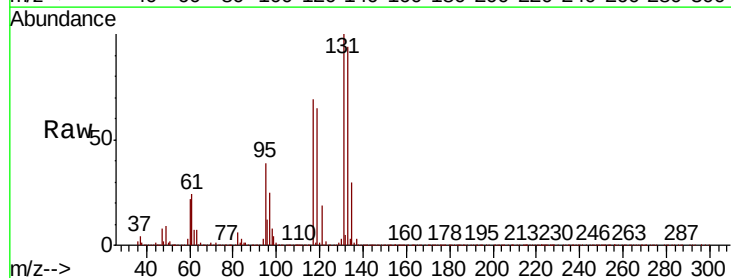
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

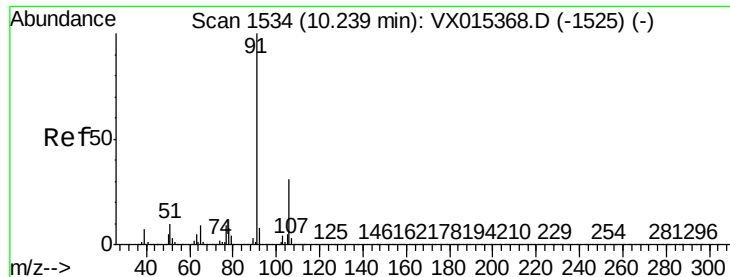
Tot Ion:112 Resp: 1421935
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.029 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Tgt Ion:131 Resp: 556098
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.9
119 64.5 31.1 93.3





#67

Ethyl Benzene

Concen: 51.469 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

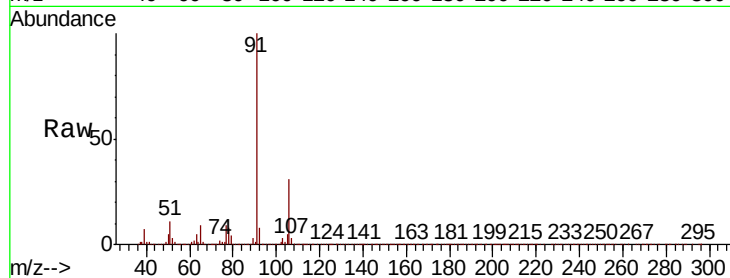
VSTDCCC050

Tot Ion: 91 Resp: 2539820

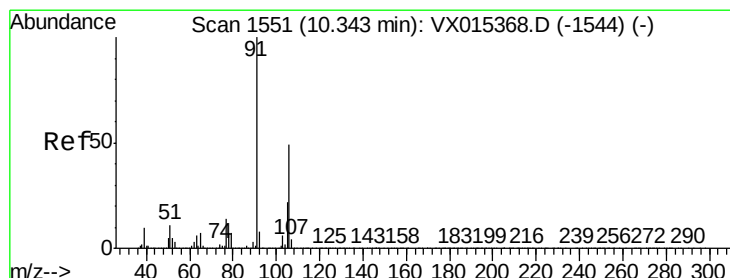
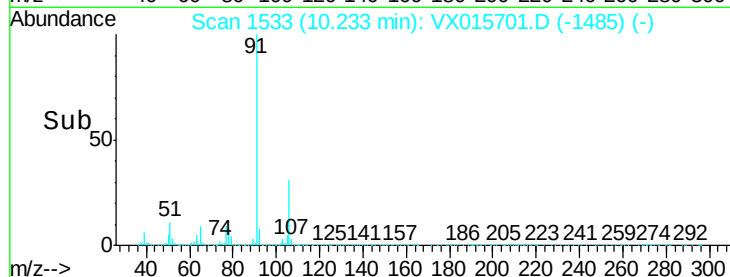
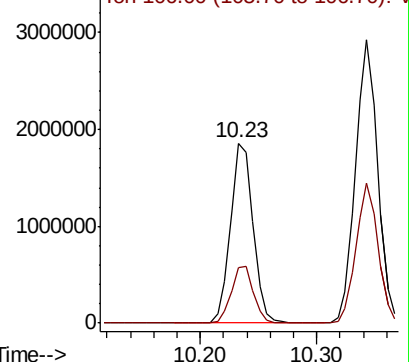
Ion Ratio Lower Upper

91 100

106 31.0 24.8 37.2



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



#68

m/p-Xylenes

Concen: 103.890 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015701.D

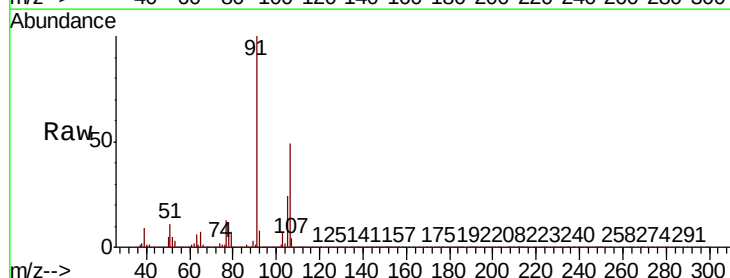
Acq: 16 Apr 2020 10:23

Tgt Ion: 106 Resp: 1909003

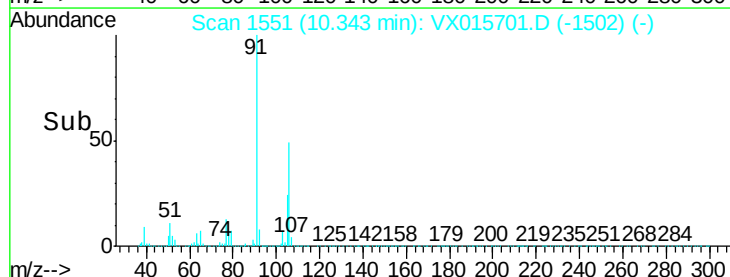
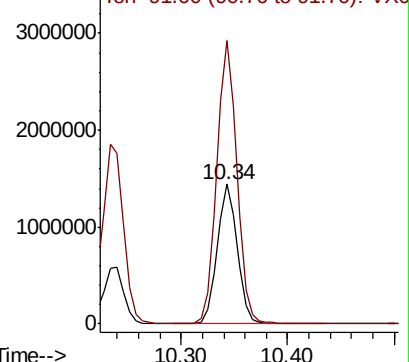
Ion Ratio Lower Upper

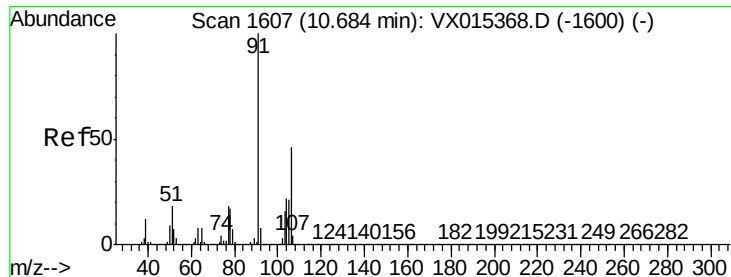
106 100

91 203.8 163.4 245.0



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

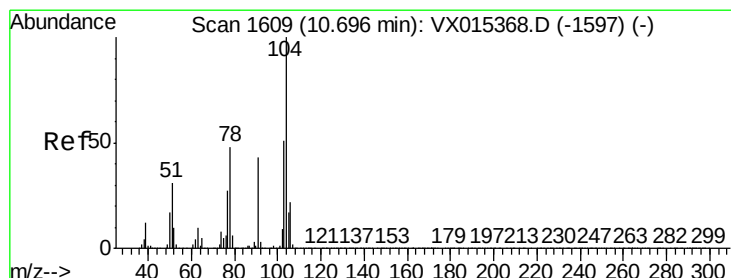
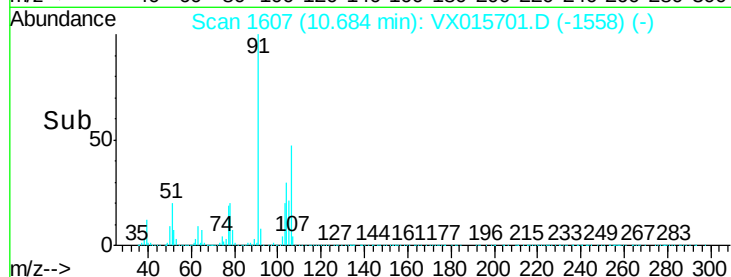
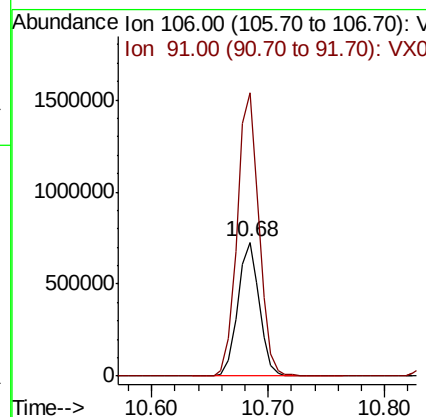
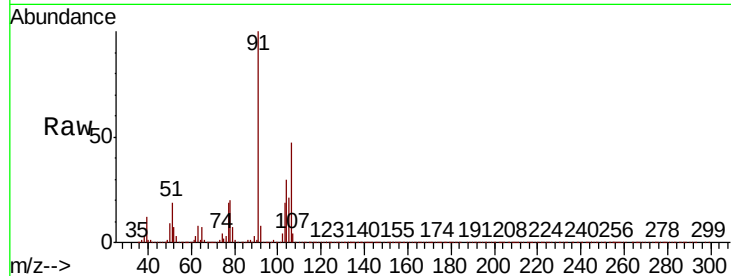




#69
o-Xylene
Concen: 51.563 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

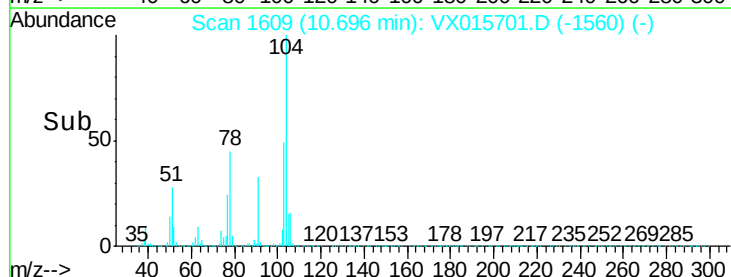
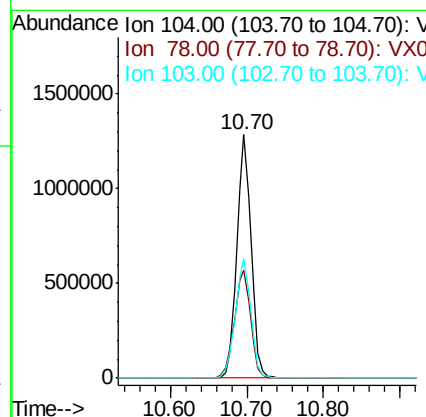
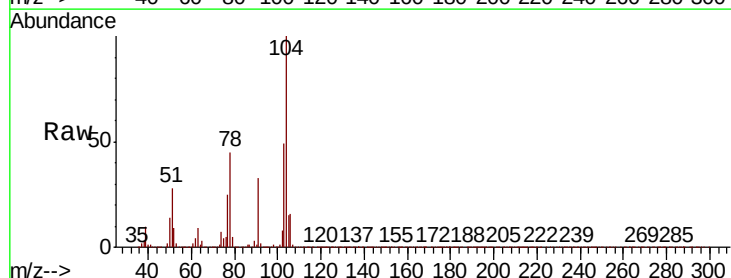
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

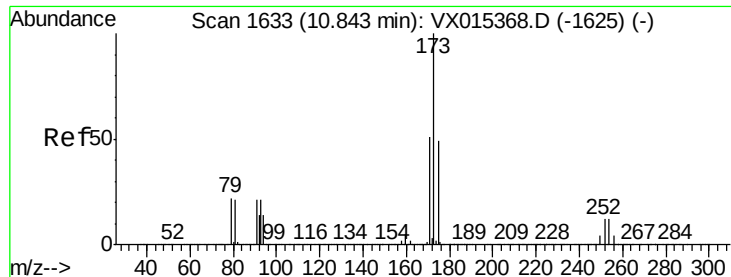
Tot Ion:106 Resp: 936259
Ion Ratio Lower Upper
106 100
91 213.4 107.1 321.3



#70
Styrene
Concen: 51.637 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Tgt Ion:104 Resp: 1649886
Ion Ratio Lower Upper
104 100
78 50.4 42.0 63.0
103 53.6 43.4 65.0





#71

Bromoform

Concen: 47.975 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

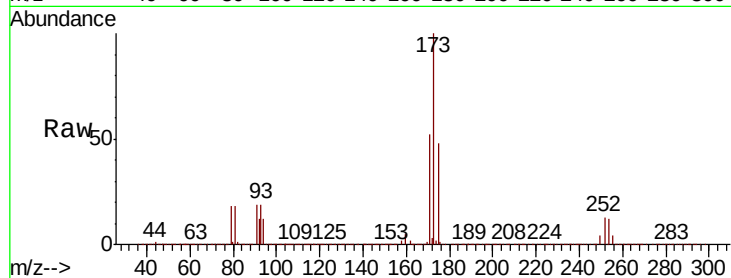
Tot Ion:173 Resp: 485456

Ion Ratio Lower Upper

173 100

175 49.1 23.9 71.7

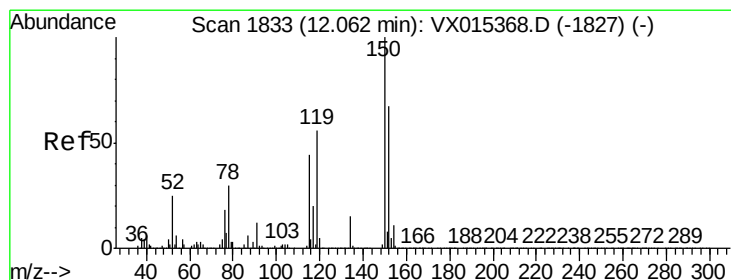
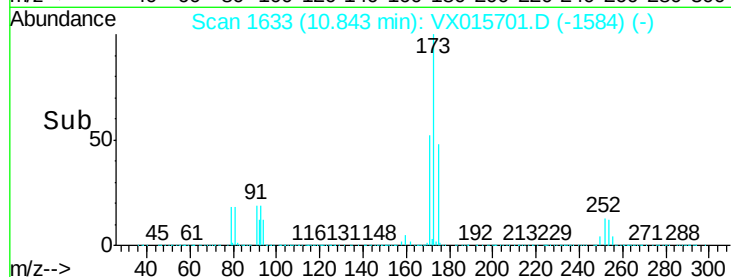
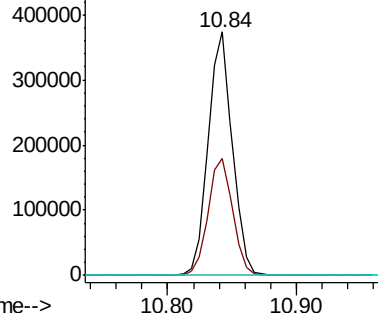
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

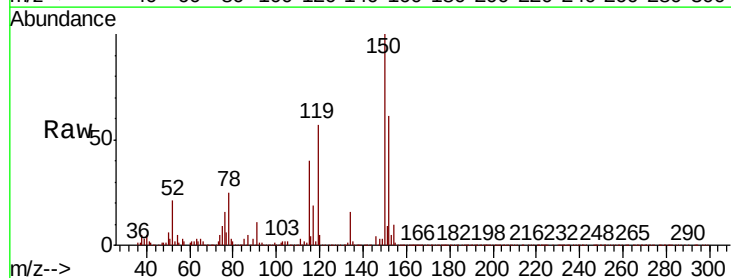
Tgt Ion:152 Resp: 754626

Ion Ratio Lower Upper

152 100

115 80.8 39.0 116.9

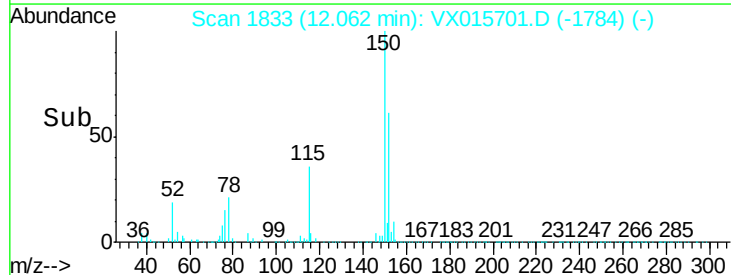
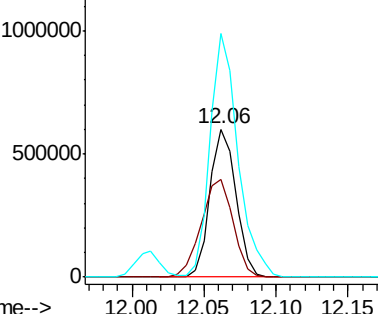
150 177.3 0.0 340.8

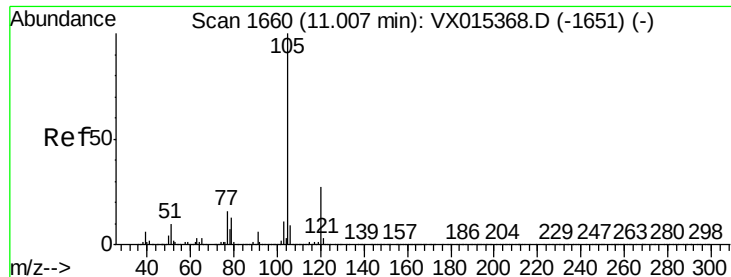


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.508 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

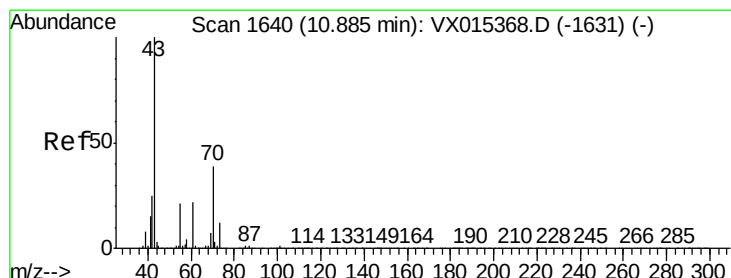
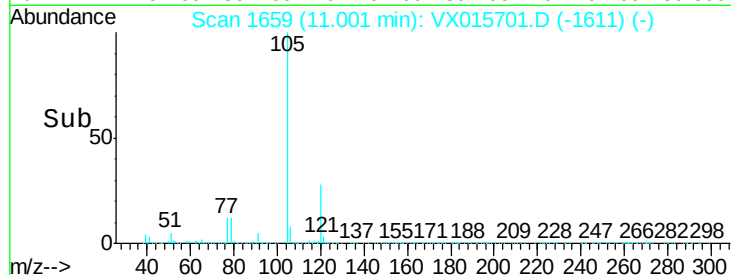
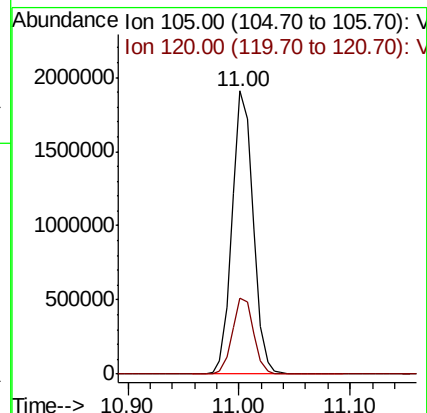
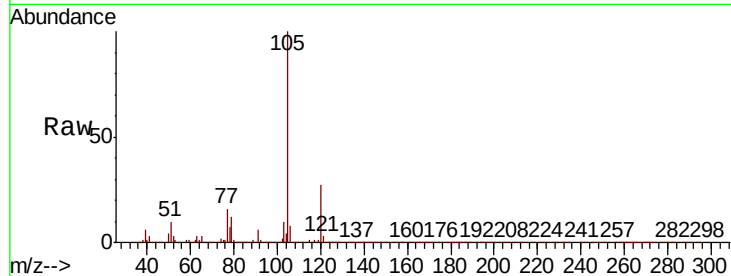
VSTDCCC050

Tot Ion:105 Resp: 2497373

Ion Ratio Lower Upper

105 100

120 27.2 13.2 39.5



#74

N-ethyl acetate

Concen: 42.902 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Tgt Ion: 43 Resp: 1179815

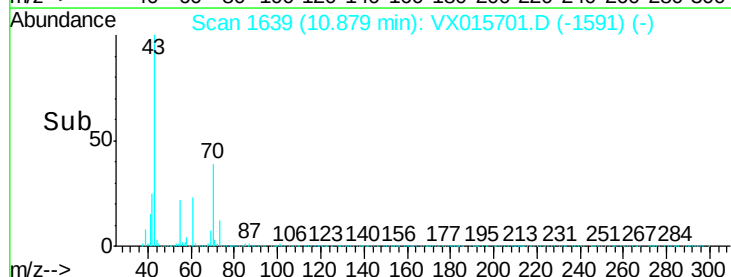
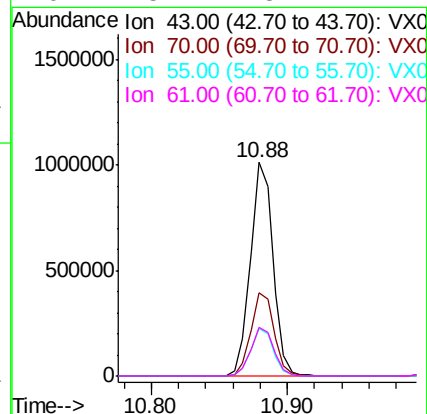
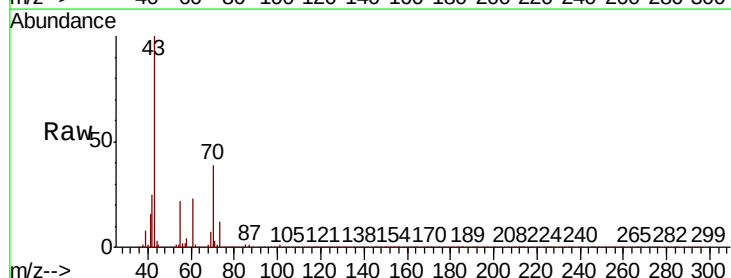
Ion Ratio Lower Upper

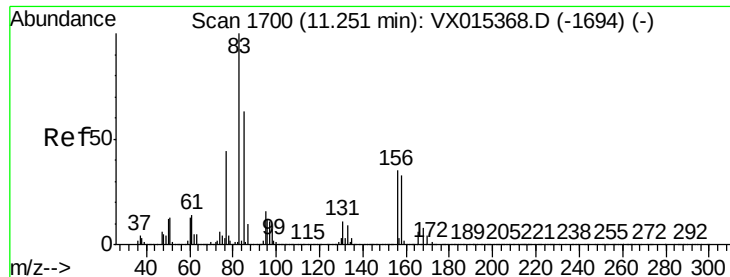
43 100

70 39.9 30.2 45.4

55 22.2 16.8 25.2

61 23.2 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.739 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

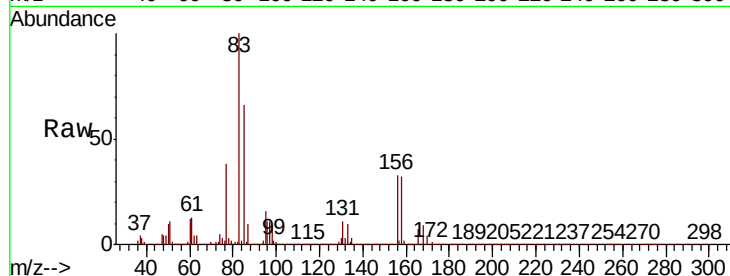
Tot Ion: 83 Resp: 792987

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

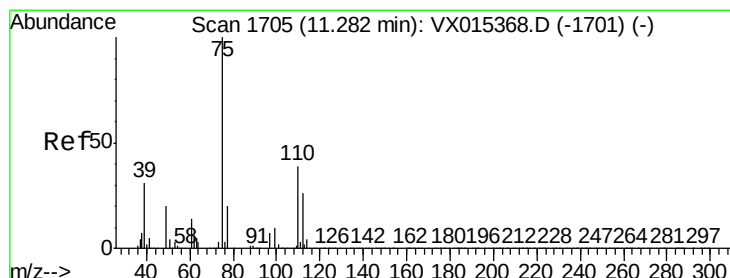
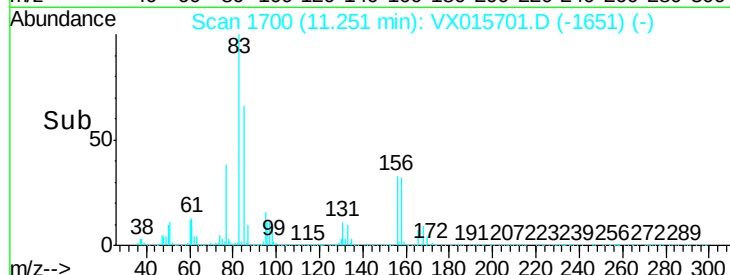
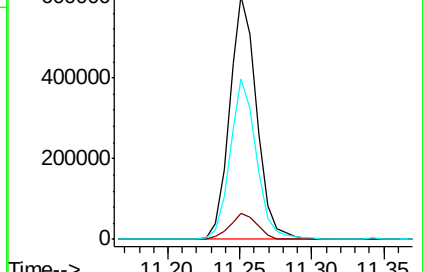
85 64.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.450 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015701.D

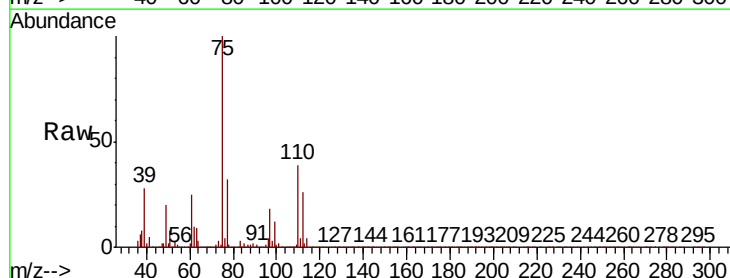
Acq: 16 Apr 2020 10:23

Tgt Ion: 75 Resp: 938076

Ion Ratio Lower Upper

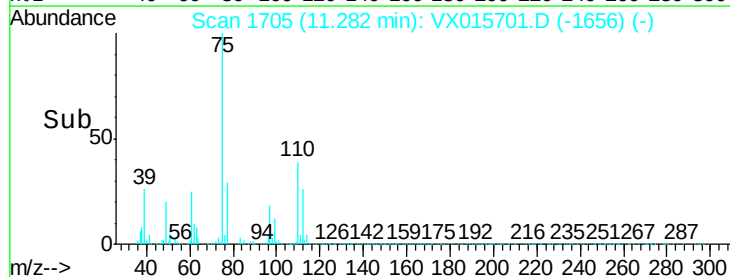
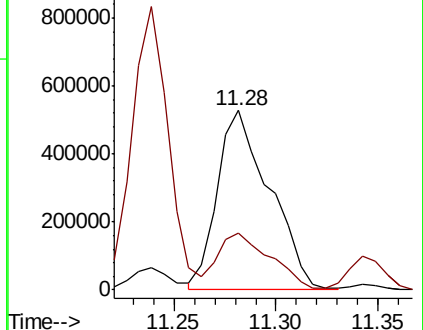
75 100

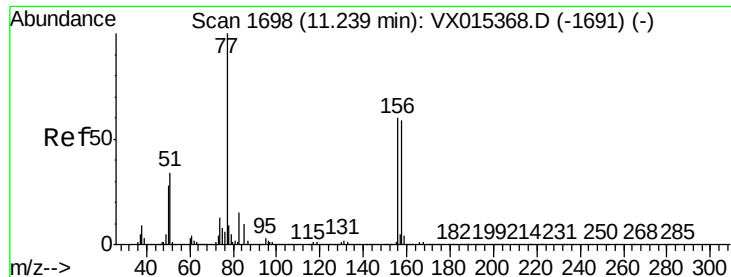
77 31.8 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.867 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

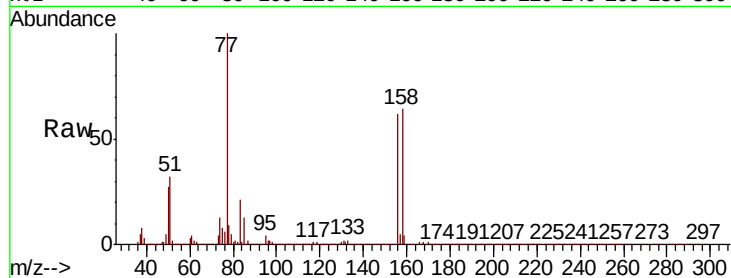
Tot Ion:156 Resp: 670875

Ion Ratio Lower Upper

156 100

77 154.3 82.2 246.5

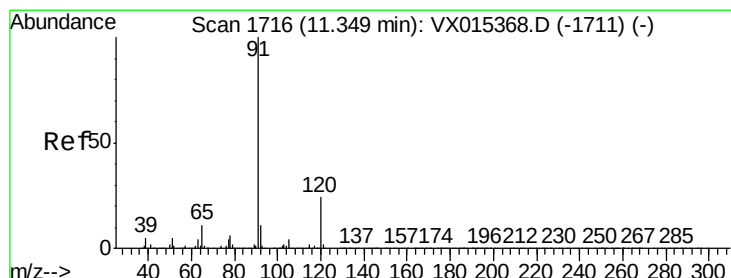
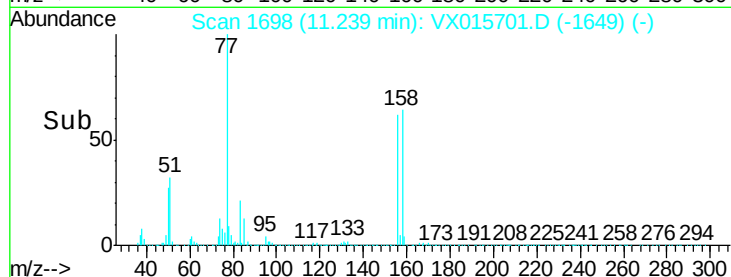
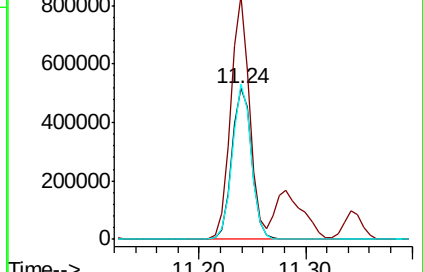
158 99.1 49.3 147.9



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: 51.228 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015701.D

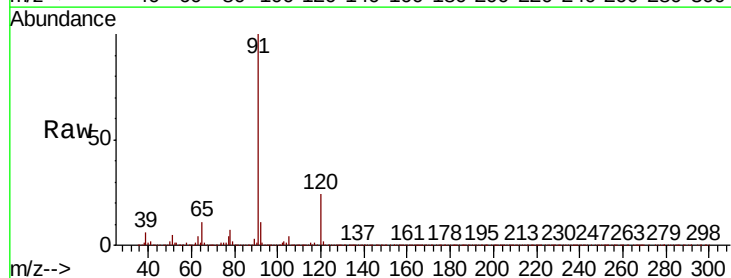
Acq: 16 Apr 2020 10:23

Tgt Ion: 91 Resp: 2896351

Ion Ratio Lower Upper

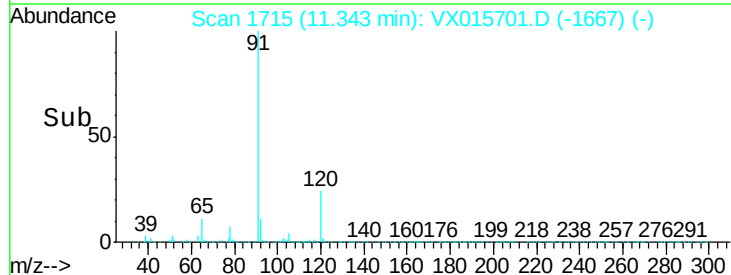
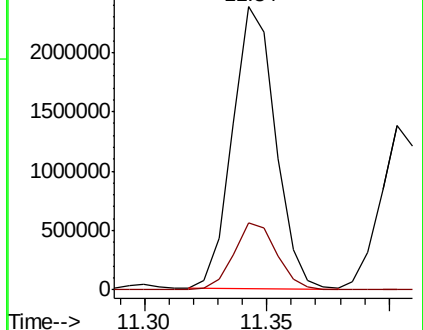
91 100

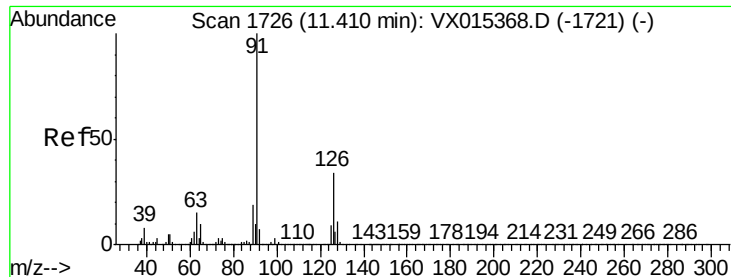
120 23.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

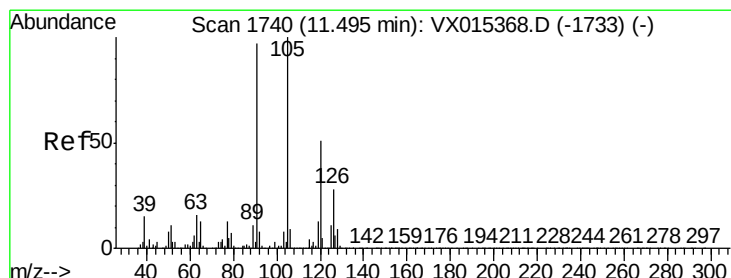
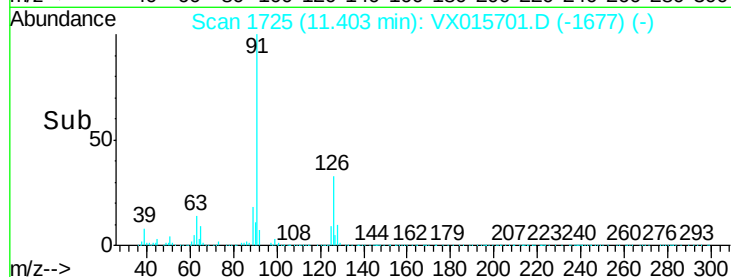
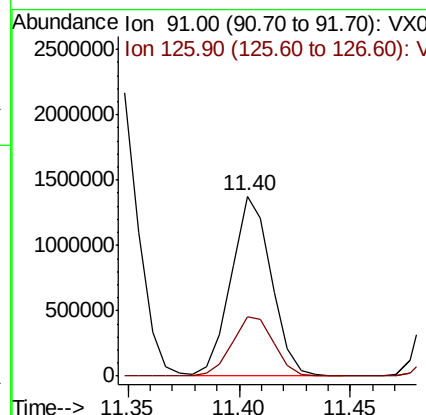
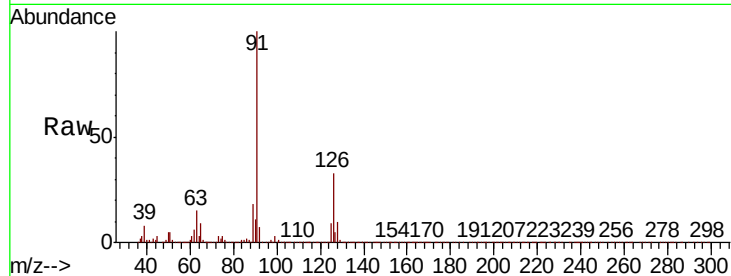




#79
2-Chlorotoluene
Concen: 49.661 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

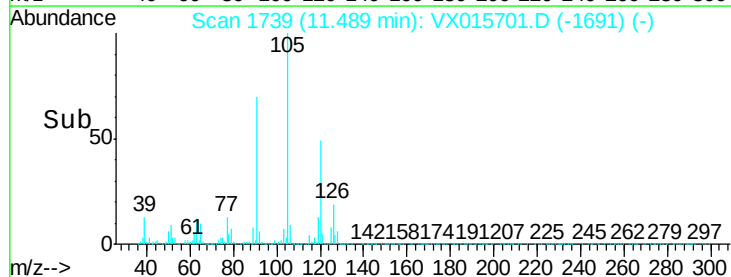
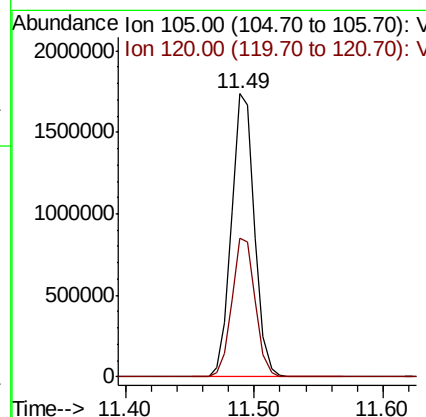
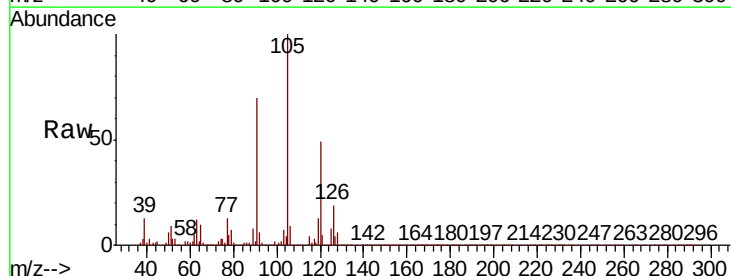
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

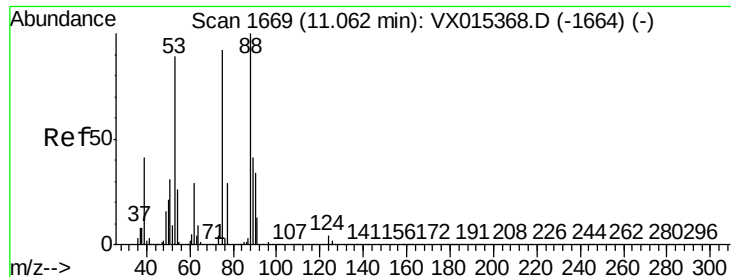
Tot Ion: 91 Resp: 1720947
Ion Ratio Lower Upper
91 100
126 34.2 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 51.689 ug/l
RT: 11.49 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Tgt Ion: 105 Resp: 2182699
Ion Ratio Lower Upper
105 100
120 49.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 43.522 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

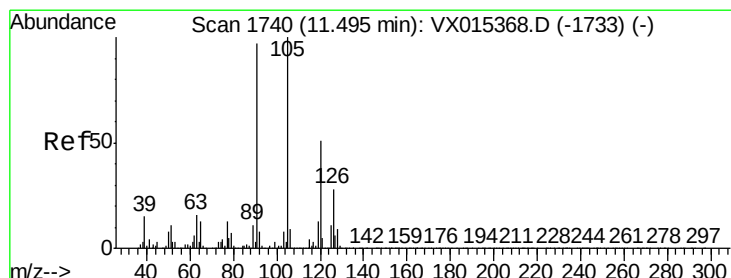
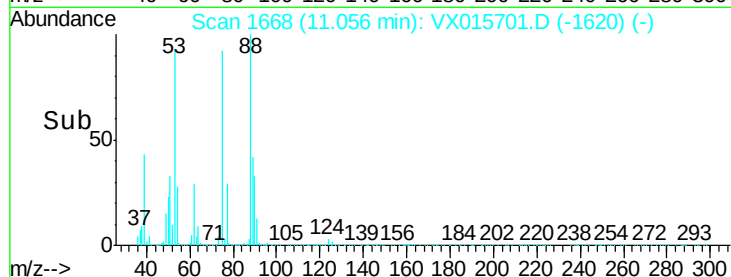
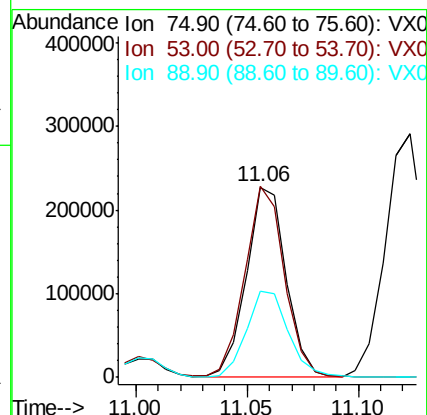
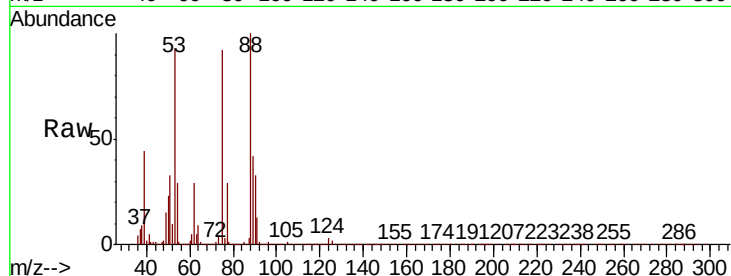
Tot Ion: 75 Resp: 281473

Ion Ratio Lower Upper

75 100

53 99.9 80.1 120.1

89 49.0 36.1 54.1



#82

4-Chlorotoluene

Concen: 50.481 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015701.D

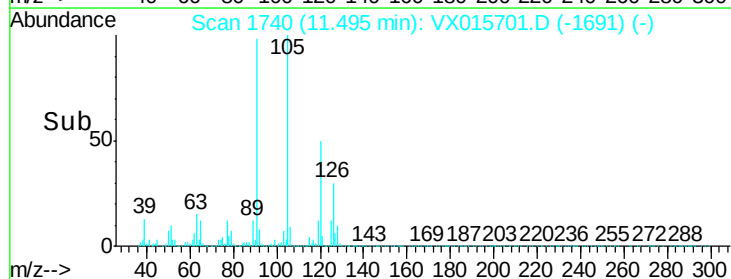
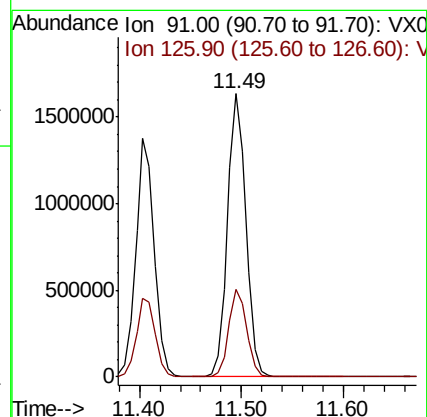
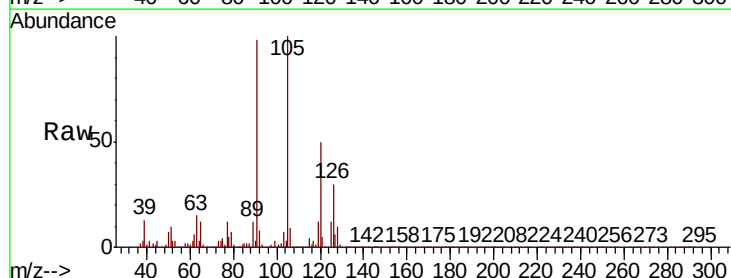
Acq: 16 Apr 2020 10:23

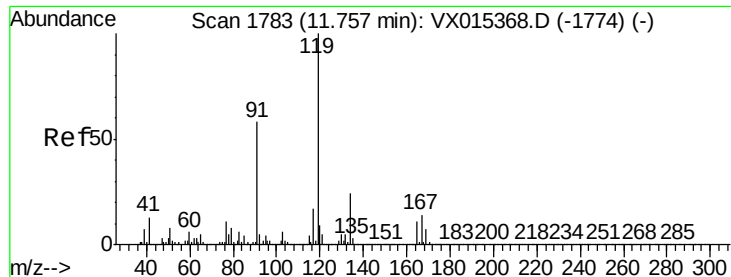
Tgt Ion: 91 Resp: 2050791

Ion Ratio Lower Upper

91 100

126 30.2 14.7 44.1

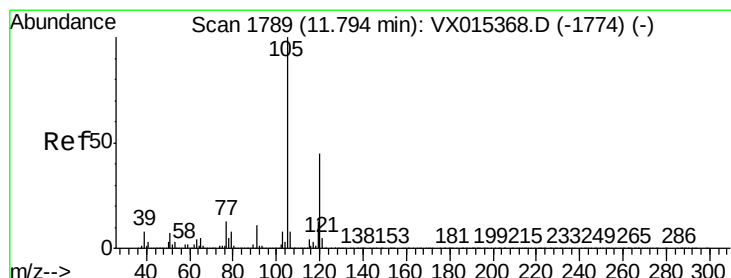
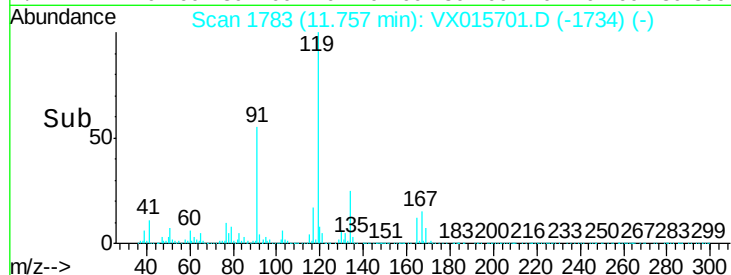
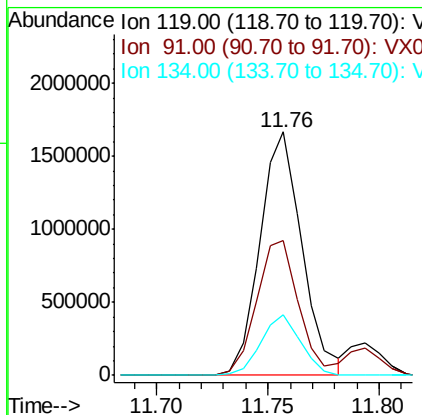
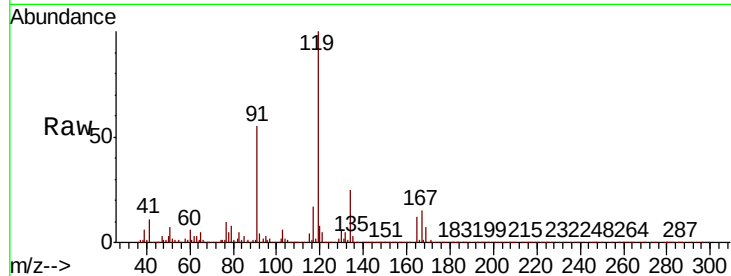




#83
 tert-Butylbenzene
 Concen: 53.135 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

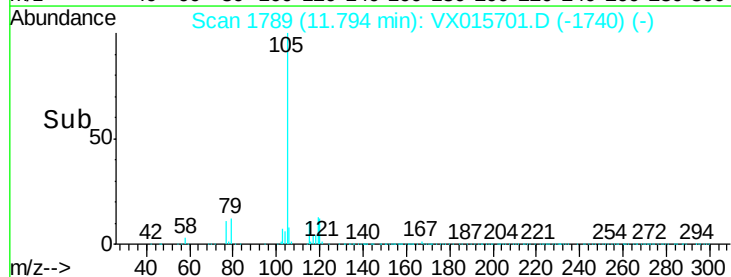
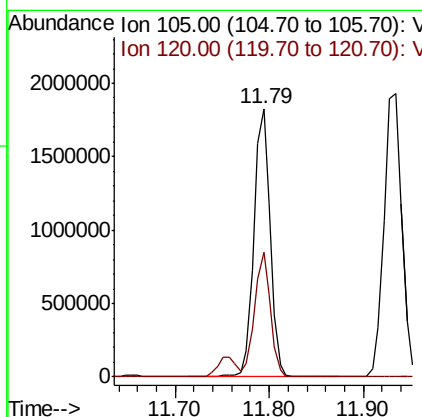
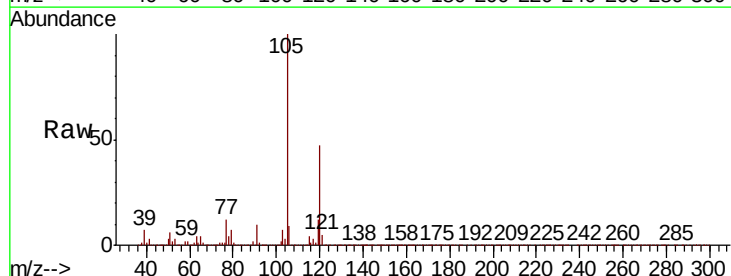
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

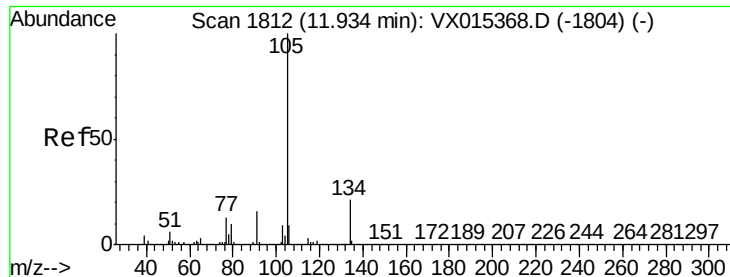
Tot Ion:119 Resp: 2191655
 Ion Ratio Lower Upper
 119 100
 91 54.9 28.6 85.8
 134 23.5 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 51.857 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

Tgt Ion:105 Resp: 2231489
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.7 68.1





#85

sec-Butylbenzene

Concen: 53.178 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

Instrument :

MSVOA_X

ClientSampleId :

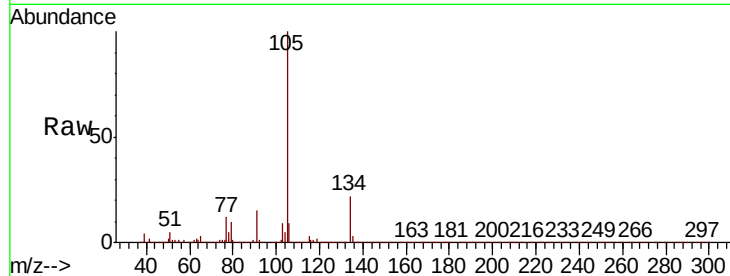
VSTDCCC050

Tot Ion:105 Resp: 2536799

Ion Ratio Lower Upper

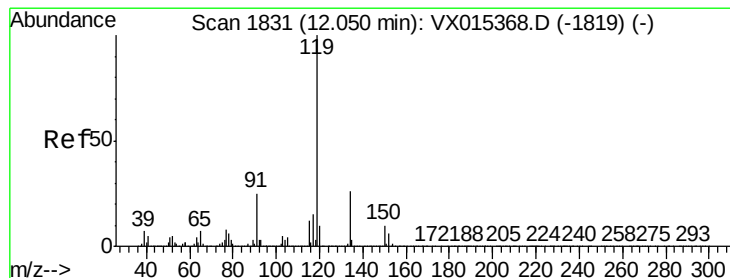
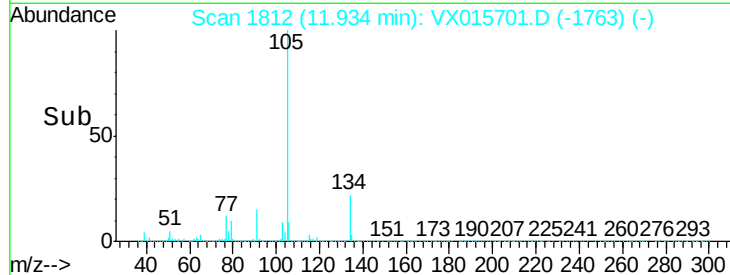
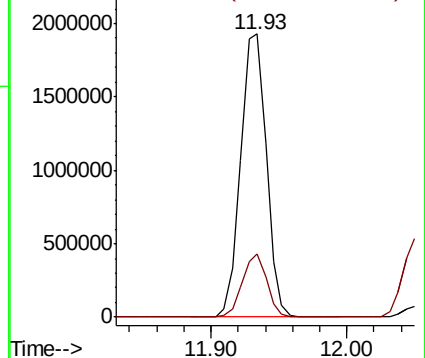
105 100

134 21.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.520 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015701.D

Acq: 16 Apr 2020 10:23

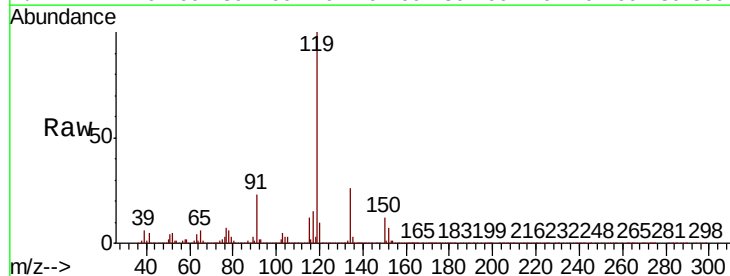
Tgt Ion:119 Resp: 2414474

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

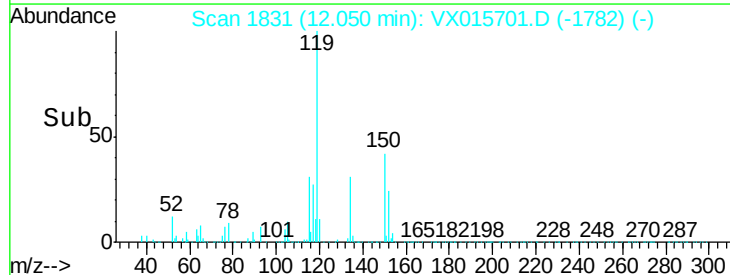
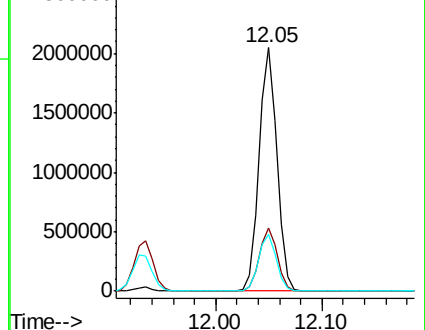
91 23.3 12.4 37.4

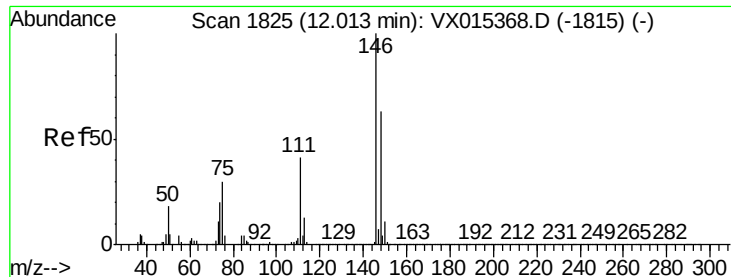


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

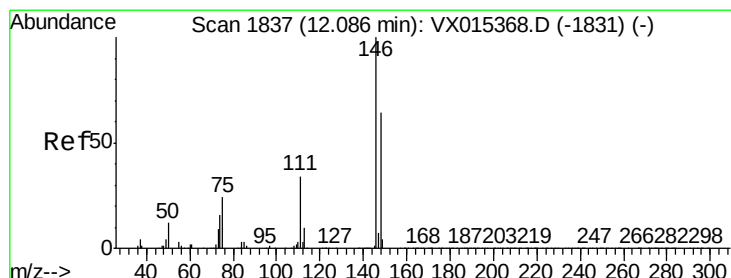
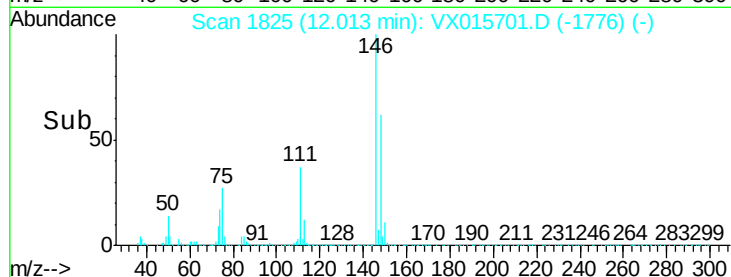
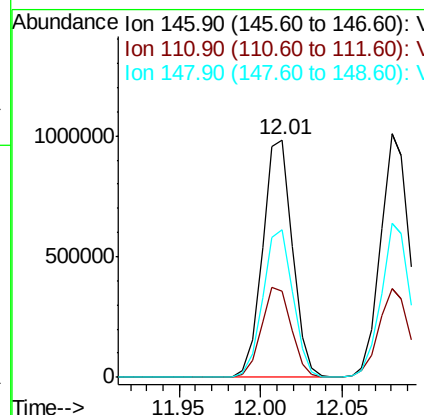
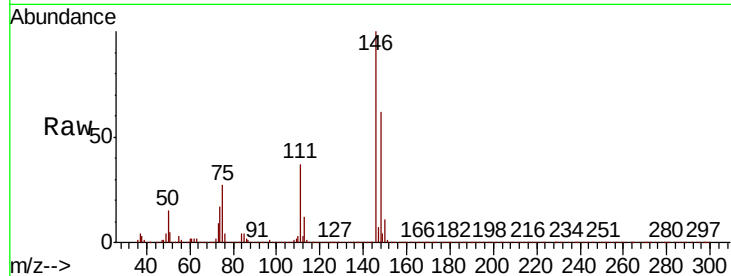




#87
 1,3-Dichlorobenzene
 Concen: 52.978 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

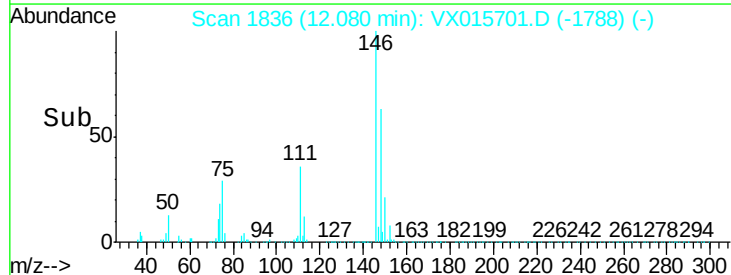
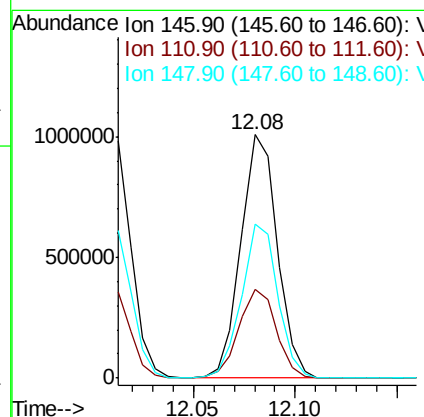
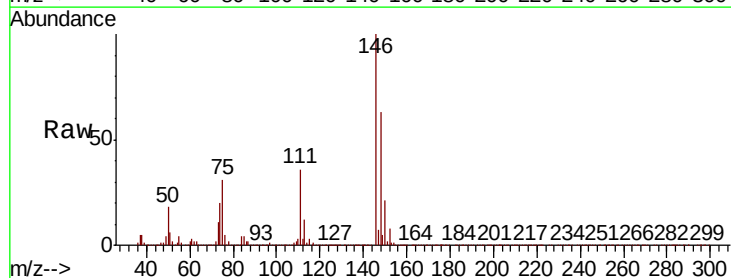
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

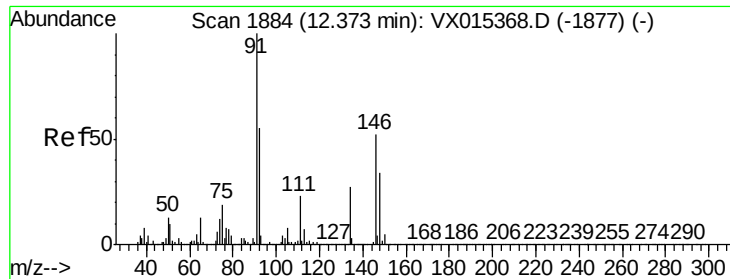
Tot Ion:146 Resp: 1250845
 Ion Ratio Lower Upper
 146 100
 111 38.2 20.3 60.9
 148 62.6 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 51.862 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

Tgt Ion:146 Resp: 1247254
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.5
 148 63.2 32.4 97.2

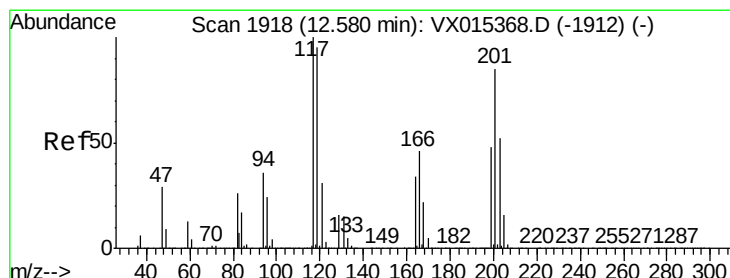
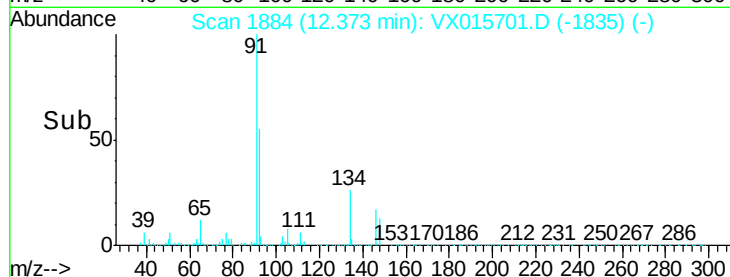
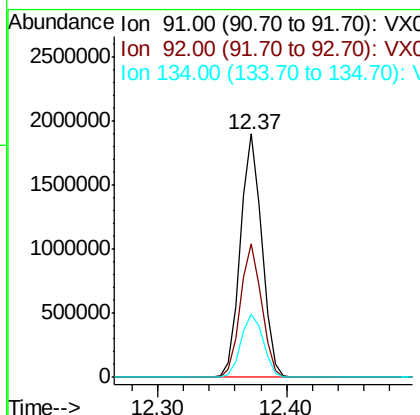
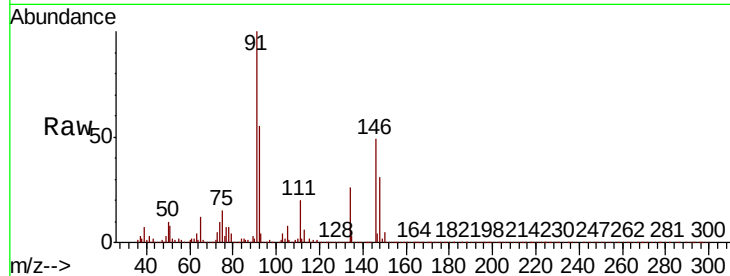




#89
n-Butylbenzene
Concen: 54.684 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

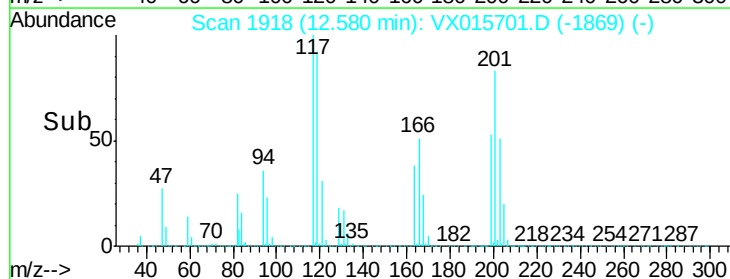
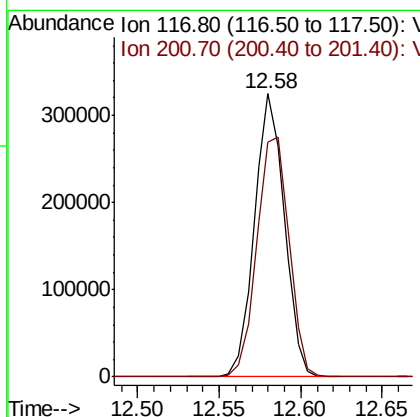
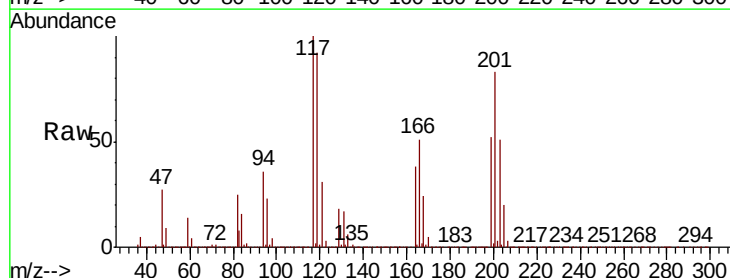
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

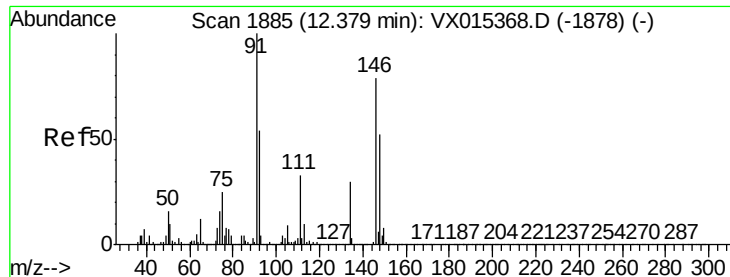
Tot Ion: 91 Resp: 2188435
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.5
134 27.0 13.4 40.2



#90
Hexachloroethane
Concen: 48.181 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Tgt Ion: 117 Resp: 415301
Ion Ratio Lower Upper
117 100
201 91.1 42.6 128.0

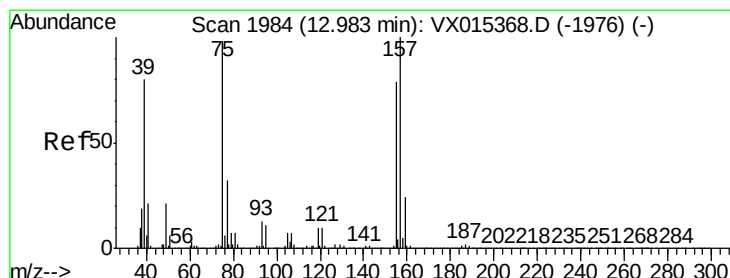
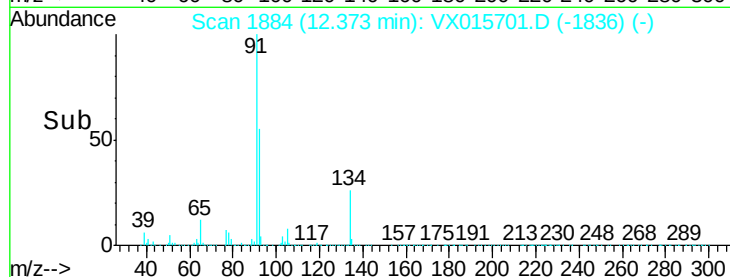
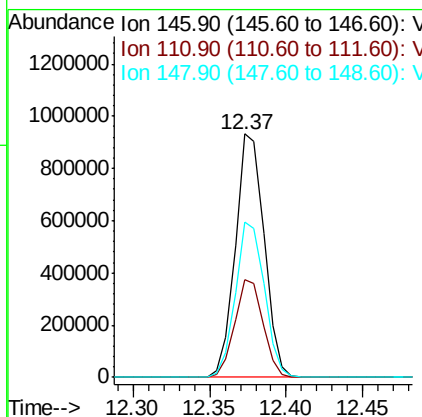
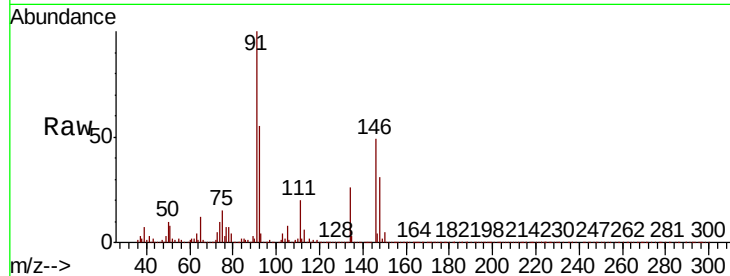




#91
 1,2-Dichlorobenzene
 Concen: 52.648 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

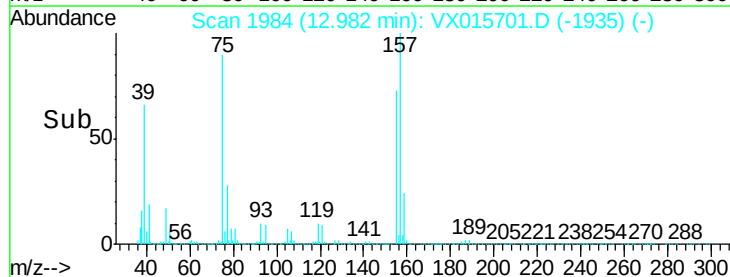
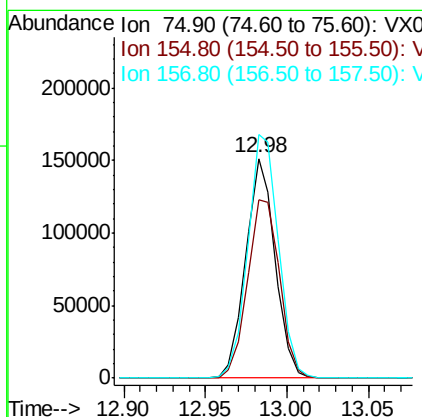
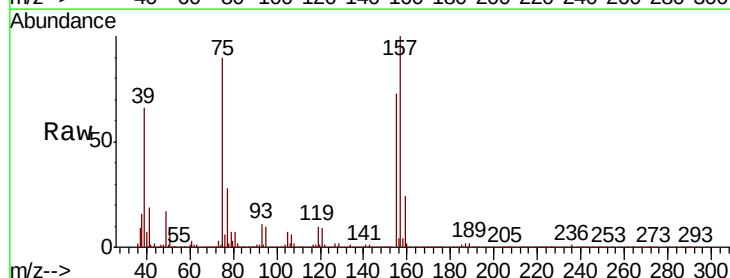
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

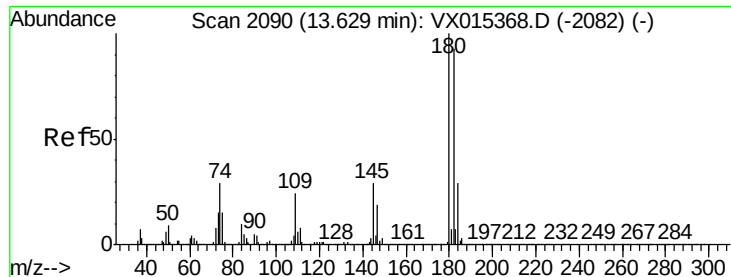
Tot Ion:146 Resp: 1216489
 Ion Ratio Lower Upper
 146 100
 111 39.5 21.0 63.0
 148 64.0 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.747 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

Tgt Ion: 75 Resp: 190336
 Ion Ratio Lower Upper
 75 100
 155 88.3 42.8 128.4
 157 116.0 53.4 160.3

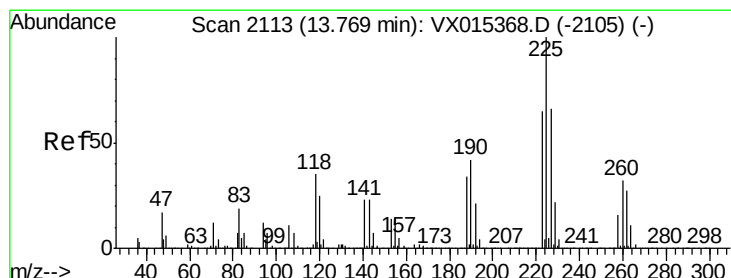
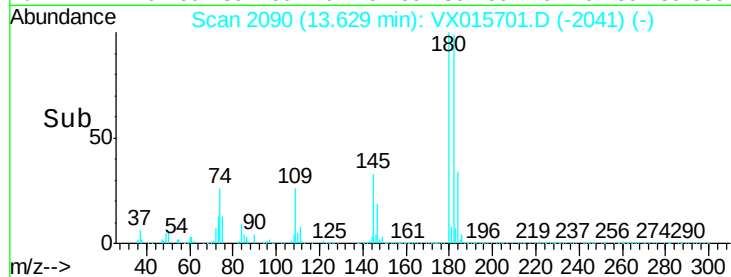
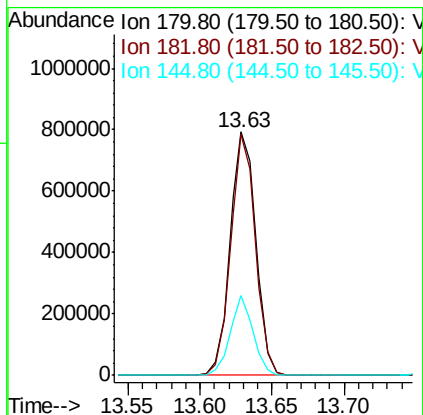
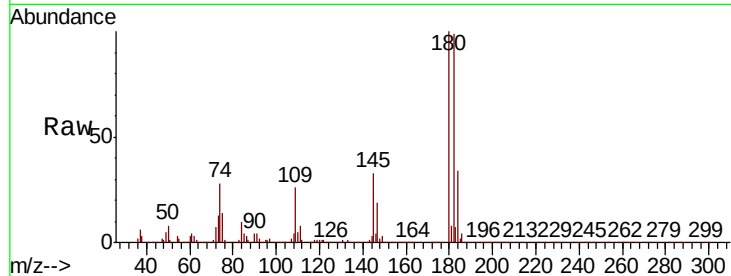




#93
 1,2,4-Trichlorobenzene
 Concen: 54.298 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

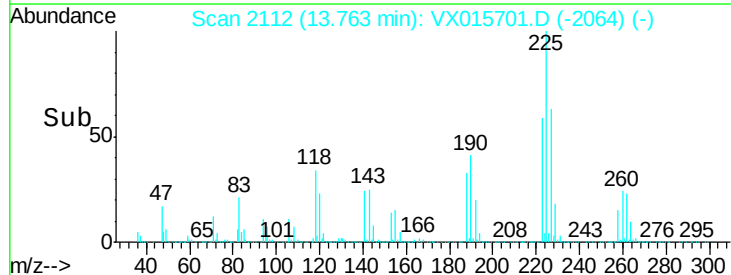
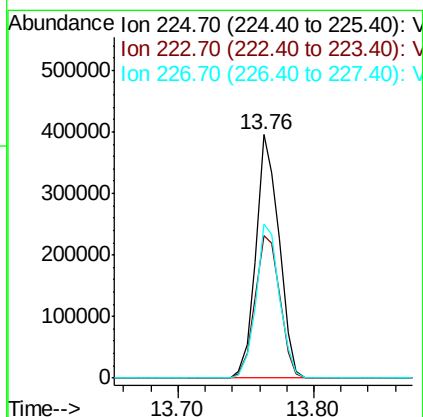
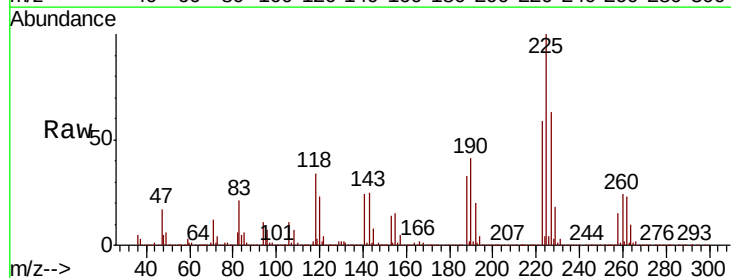
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

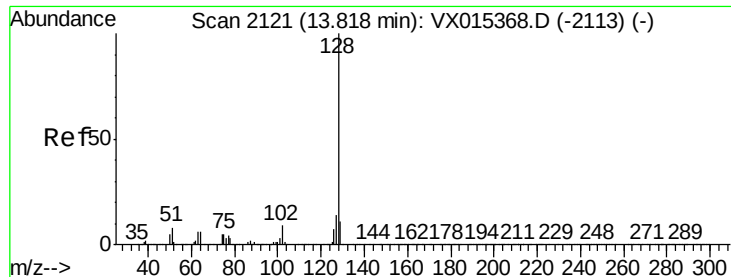
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.9	140.7
145	29.2	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 54.603 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015701.D
 Acq: 16 Apr 2020 10:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.9	95.7
227	64.2	30.4	91.3

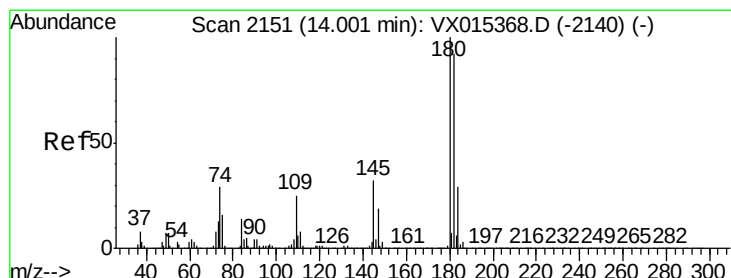
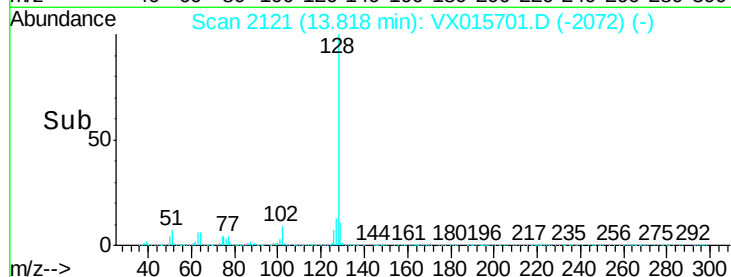
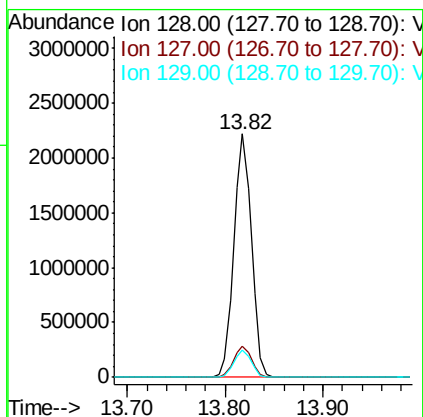
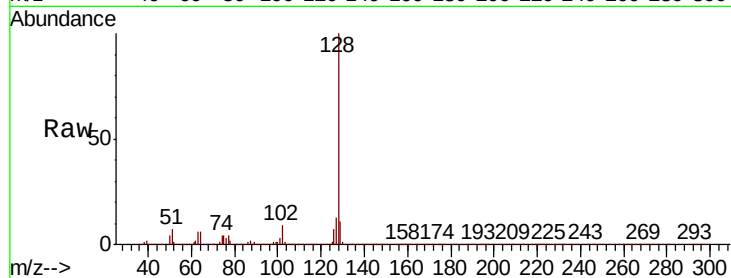




#95
Naphthalene
Concen: 49.592 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 2764763
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.813 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.00 min
Lab File: VX015701.D
Acq: 16 Apr 2020 10:23

Tgt Ion:180 Resp: 964536
Ion Ratio Lower Upper
180 100
182 95.9 46.7 140.0
145 31.2 15.8 47.3

