

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015376.D
 Acq On : 27 Mar 2020 12:57
 Operator : JC/SP
 Sample : VX0327WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Quant Time: Mar 30 01:41:13 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	1169995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1788080	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1626653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	842049	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	756885	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	
35) Dibromofluoromethane	5.47	113	564795	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.70	98	2059782	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.12	95	831584	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	205719	19.957	ug/l	97
3) Chloromethane	1.31	50	228169	17.382	ug/l	99
4) Vinyl Chloride	1.39	62	220399	18.285	ug/l	96
5) Bromomethane	1.63	94	138160	20.016	ug/l	97
6) Chloroethane	1.71	64	134911	18.047	ug/l	98
7) Trichlorofluoromethane	1.92	101	317417	19.636	ug/l	99
8) Diethyl Ether	2.17	74	122050	17.901	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	216975	20.590	ug/l	99
10) Methyl Iodide	2.49	142	255699	17.997	ug/l	100
11) Tert butyl alcohol	3.01	59	336045	85.081	ug/l	100
12) 1,1-Dichloroethene	2.36	96	211368	19.135	ug/l	99
13) Acrolein	2.27	56	189418	84.188	ug/l	96
14) Allyl chloride	2.70	41	482651	18.700	ug/l	99
15) Acrylonitrile	3.12	53	678746	90.110	ug/l	99
16) Acetone	2.42	43	618916	87.301	ug/l	100
17) Carbon Disulfide	2.55	76	642906	19.079	ug/l	99
18) Methyl Acetate	2.75	43	324502	17.934	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	796784	18.599	ug/l	100
20) Methylene Chloride	2.83	84	237106	17.906	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	229692	18.737	ug/l	99
22) Diisopropyl ether	3.83	45	872466	19.077	ug/l	93
23) Vinyl Acetate	3.78	43	4015120	96.963	ug/l	99
24) 1,1-Dichloroethane	3.67	63	438190	18.197	ug/l	99
25) 2-Butanone	4.64	43	1002514	87.930	ug/l	99
26) 2,2-Dichloropropane	4.55	77	397090	20.090	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	265029	18.686	ug/l	98
28) Bromochloromethane	4.98	49	222609	19.362	ug/l	100
29) Tetrahydrofuran	5.09	42	650440	88.742	ug/l	100
30) Chloroform	5.18	83	426087	18.392	ug/l	96
31) Cyclohexane	5.55	56	417300	19.977	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	385657	18.394	ug/l	98
36) 1,1-Dichloropropene	5.77	75	328763	19.955	ug/l	99
37) Ethyl Acetate	4.79	43	404881	18.874	ug/l	99
38) Carbon Tetrachloride	5.76	117	354303	19.855	ug/l	97

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 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)
39) Methylcyclohexane	7.44	83	403756	21.255	ug/l	98
40) Benzene	6.11	78	940536	19.489	ug/l	99
41) Methacrylonitrile	5.00	41	228156	19.159	ug/l	99
42) 1,2-Dichloroethane	6.16	62	382397	19.726	ug/l	100
43) Isopropyl Acetate	6.41	43	691145	19.086	ug/l	100
44) Trichloroethene	7.19	130	257360	19.554	ug/l	100
45) 1,2-Dichloropropane	7.49	63	255397	19.345	ug/l	98
46) Dibromomethane	7.64	93	167393	19.329	ug/l	98
47) Bromodichloromethane	7.87	83	356117	19.298	ug/l	96
48) Methyl methacrylate	7.75	41	343591	18.996	ug/l	99
49) 1,4-Dioxane	7.72	88	131074	388.447	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1982373	96.595	ug/l	98
52) Toluene	8.76	92	595542	20.016	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	421646	19.482	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	436995	19.822	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	238281	19.547	ug/l	98
56) Ethyl methacrylate	9.16	69	409526	19.062	ug/l	99
57) 1,3-Dichloropropane	9.36	76	417885	19.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1014215	97.056	ug/l	99
59) 2-Hexanone	9.47	43	1474021	95.134	ug/l	100
60) Dibromochloromethane	9.56	129	288461	19.693	ug/l	98
61) 1,2-Dibromoethane	9.65	107	259224	19.557	ug/l	98
64) Tetrachloroethene	9.32	164	251998	20.528	ug/l	95
65) Chlorobenzene	10.12	112	628917	19.387	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	248295	19.158	ug/l	97
67) Ethyl Benzene	10.23	91	1158601	20.137	ug/l	99
68) m/p-Xylenes	10.34	106	864305	40.342	ug/l	100
69) o-Xylene	10.68	106	420705	19.872	ug/l	100
70) Styrene	10.70	104	729531	19.583	ug/l	99
71) Bromoform	10.84	173	228237	19.345	ug/l #	98
73) Isopropylbenzene	11.00	105	1132731	20.531	ug/l	99
74) N-amyl acetate	10.88	43	572083	18.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	360825	19.059	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	440247	25.424	ug/l	84
77) Bromobenzene	11.24	156	288416	19.598	ug/l	99
78) n-propylbenzene	11.34	91	1291742	20.475	ug/l	99
79) 2-Chlorotoluene	11.40	91	776780	20.088	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	960790	20.391	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	142087	19.689	ug/l	99
82) 4-Chlorotoluene	11.49	91	925972	20.427	ug/l	98
83) tert-Butylbenzene	11.76	119	931941	20.248	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	966898	20.137	ug/l	99
85) sec-Butylbenzene	11.93	105	1095007	20.571	ug/l	100
86) p-Isopropyltoluene	12.05	119	1038539	21.016	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	516560	19.607	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	518044	19.304	ug/l	97
89) n-Butylbenzene	12.37	91	939882	21.047	ug/l	99
90) Hexachloroethane	12.58	117	196240	20.403	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	501665	19.457	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90894	17.011	ug/l	99

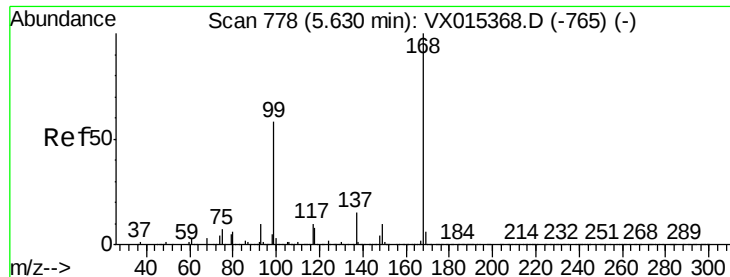
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
Data File : VX015376.D
Acq On : 27 Mar 2020 12:57
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	392851	19.263	ug/l	98
94) Hexachlorobutadiene	13.77	225	188286	19.391	ug/l	94
95) Naphthalene	13.82	128	1181744	18.996	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	375318	19.114	ug/l	96

(#) = 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: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

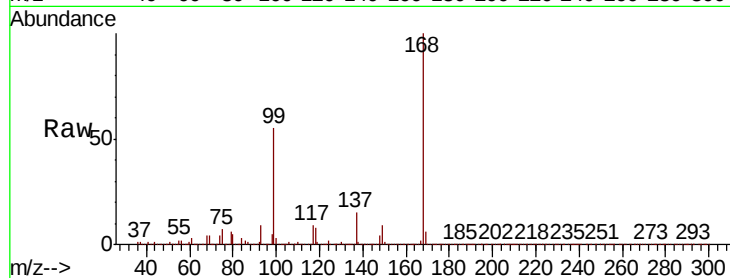
VX0327WBSD01

Tot Ion:168 Resp: 1169995

Ion Ratio Lower Upper

168 100

99 55.3 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

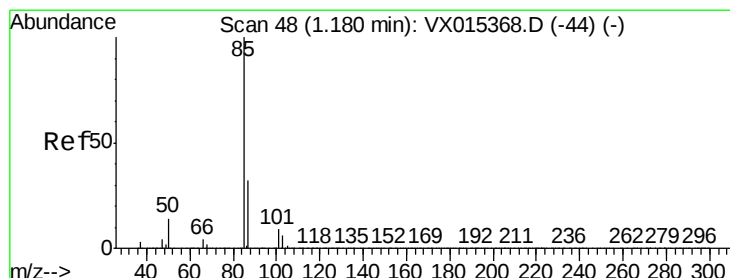
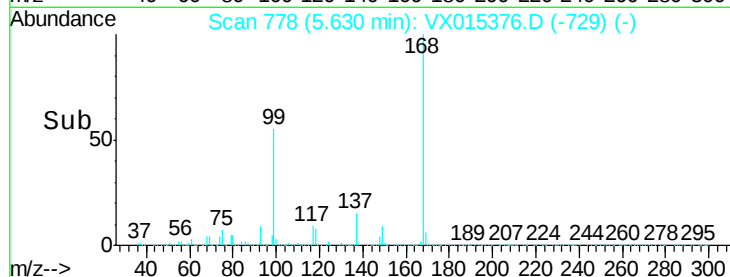
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.957 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015376.D

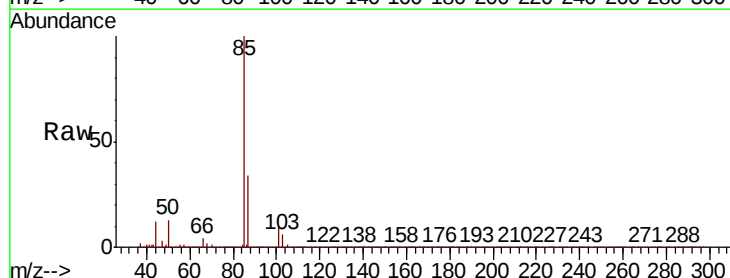
Acq: 27 Mar 2020 12:57

Tgt Ion: 85 Resp: 205719

Ion Ratio Lower Upper

85 100

87 33.8 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

250000

200000

150000

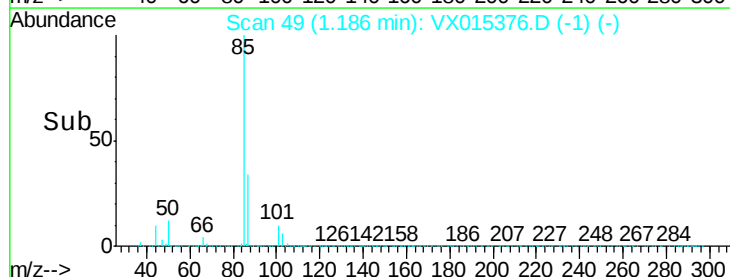
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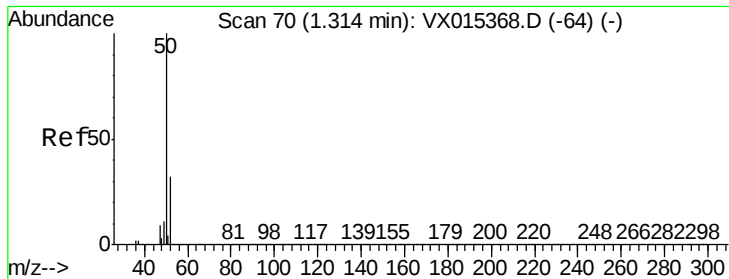
50000

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1.15 1.20 1.25

Time-->

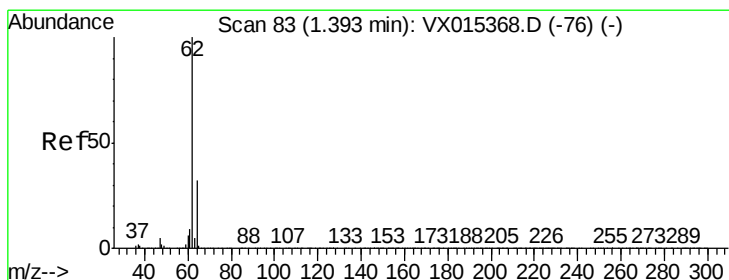
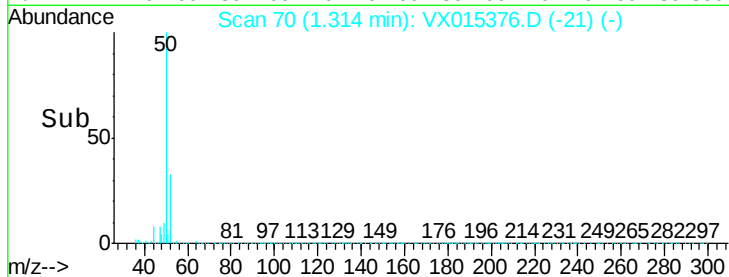
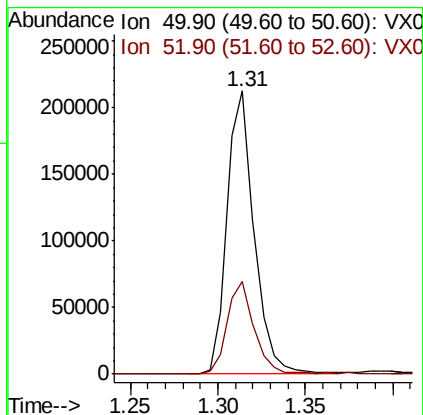
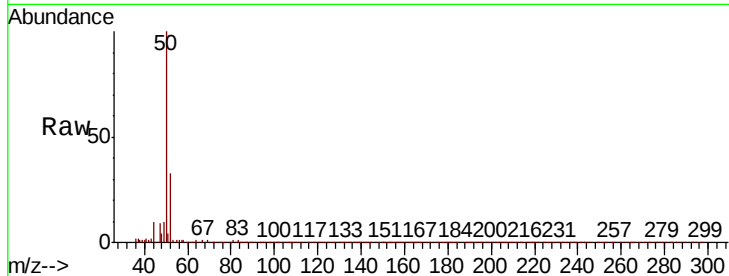




#3
Chloromethane
Concen: 17.382 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

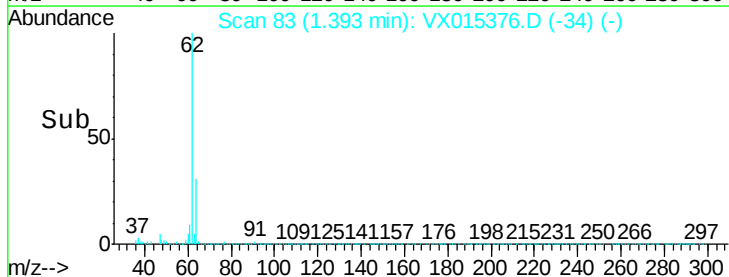
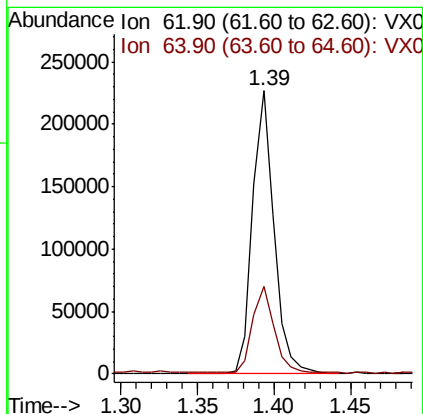
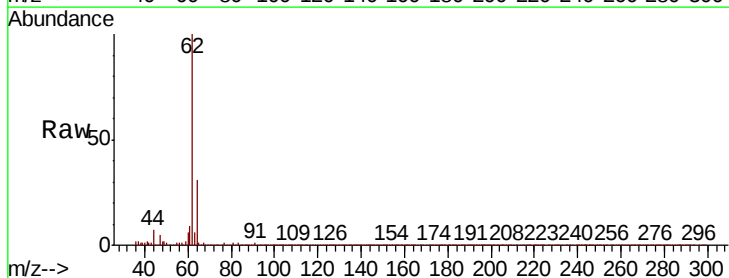
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

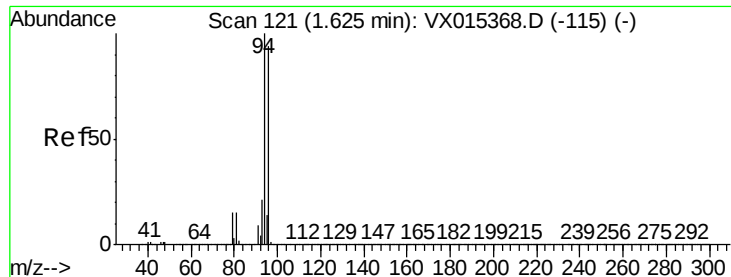
Tot Ion: 50 Resp: 228169
Ion Ratio Lower Upper
50 100
52 32.4 25.3 37.9



#4
Vinyl Chloride
Concen: 18.285 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion: 62 Resp: 220399
Ion Ratio Lower Upper
62 100
64 30.5 26.0 39.0





#5

Bromomethane

Concen: 20.016 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

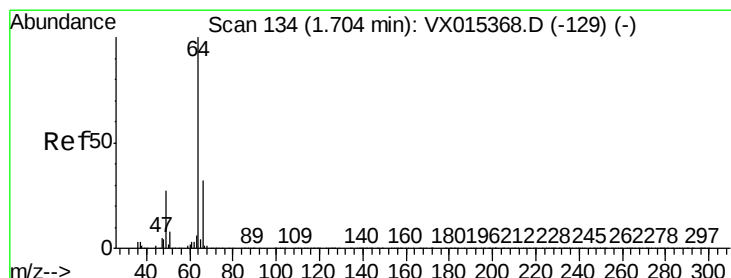
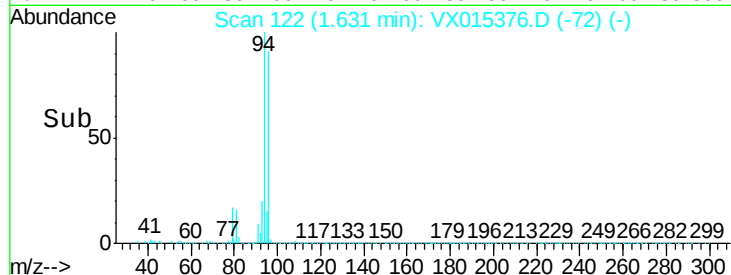
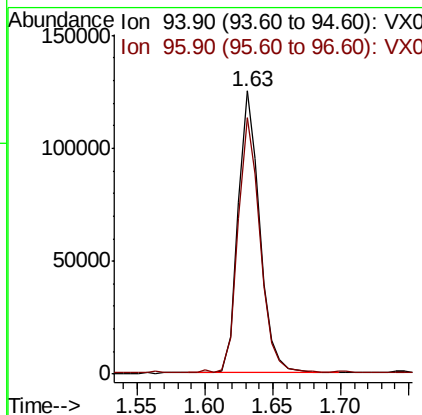
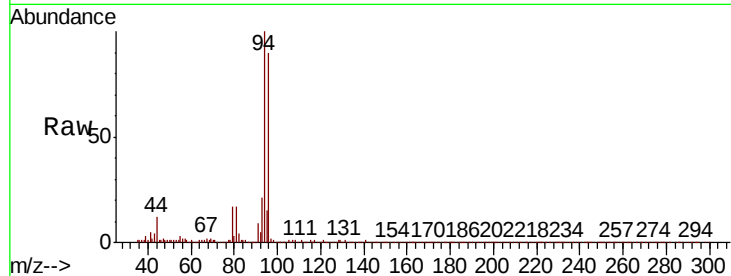
VX0327WBSD01

Tot Ion: 94 Resp: 138160

Ion Ratio Lower Upper

94 100

96 90.4 74.8 112.2



#6

Chloroethane

Concen: 18.047 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015376.D

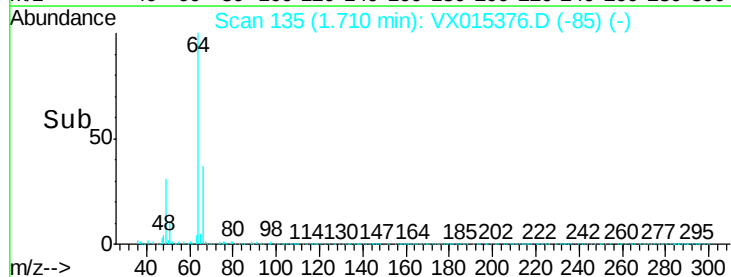
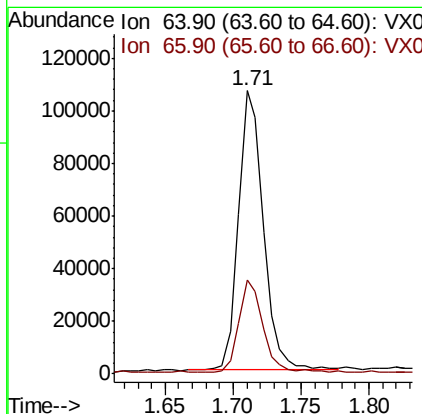
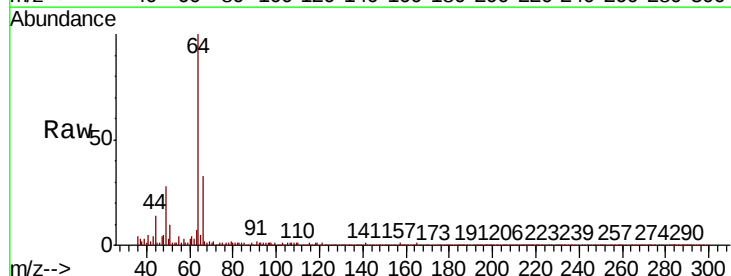
Acq: 27 Mar 2020 12:57

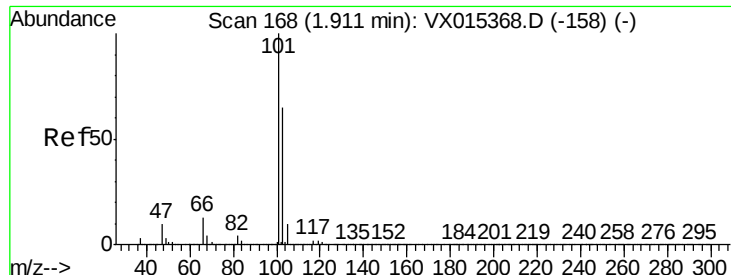
Tgt Ion: 64 Resp: 134911

Ion Ratio Lower Upper

64 100

66 32.8 25.4 38.2



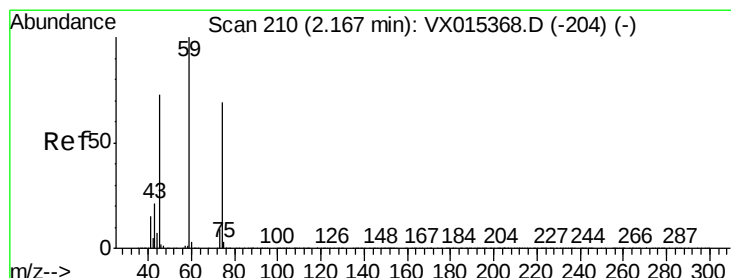
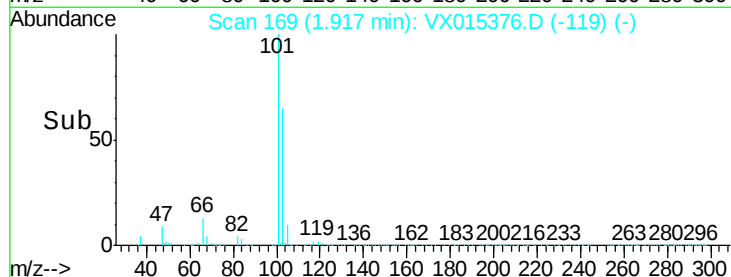
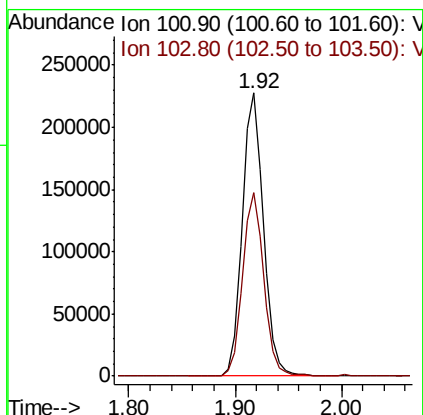
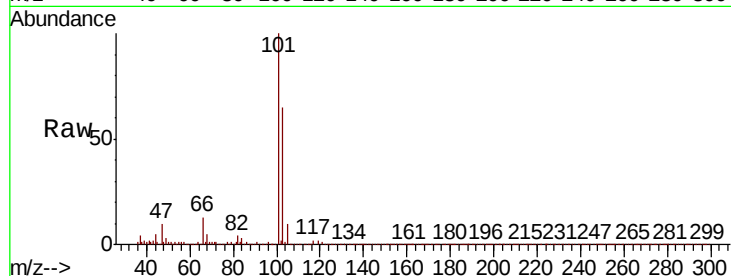


#7

Trichlorofluoromethane
Concen: 19.636 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

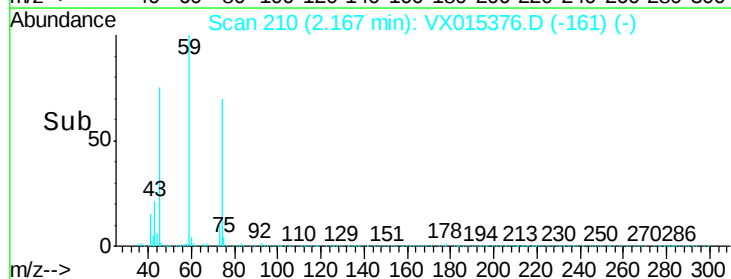
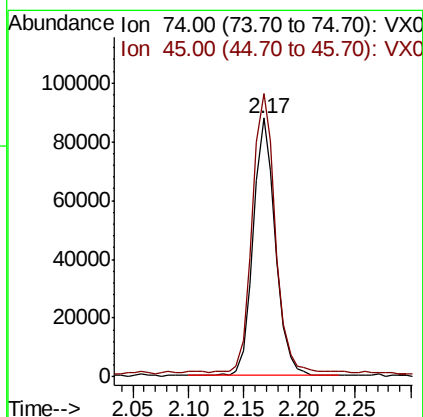
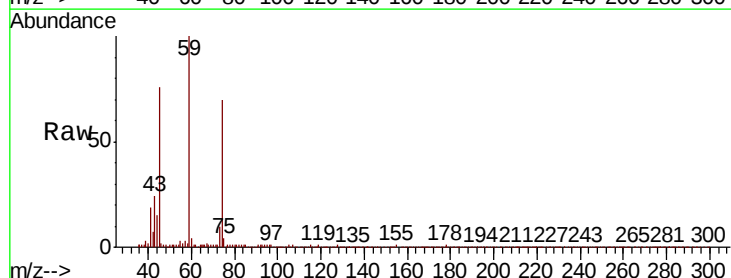
Tot Ion:101 Resp: 317417
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5

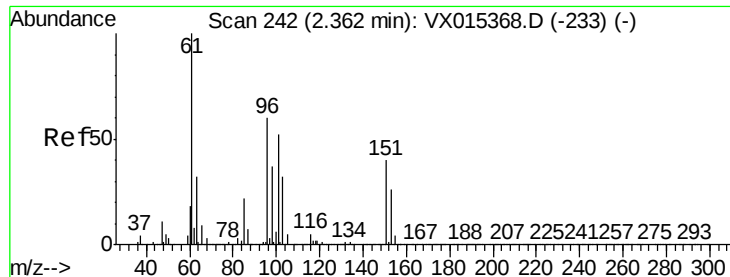


#8

Diethyl Ether
Concen: 17.901 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion: 74 Resp: 122050
Ion Ratio Lower Upper
74 100
45 117.0 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.590 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

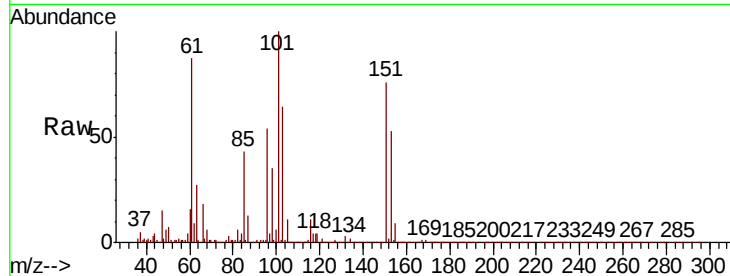
Tot Ion:101 Resp: 216975

Ion Ratio Lower Upper

101 100

85 43.1 35.0 52.4

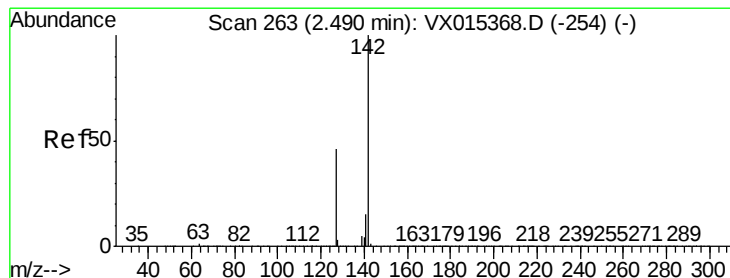
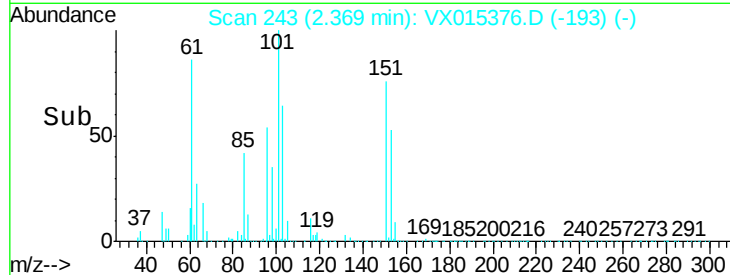
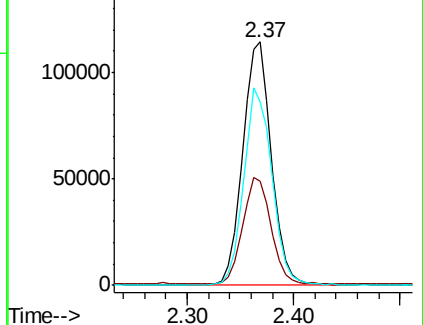
151 79.6 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.997 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

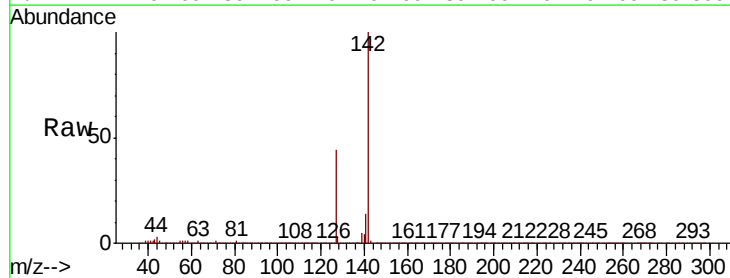
Tgt Ion:142 Resp: 255699

Ion Ratio Lower Upper

142 100

127 45.1 35.9 53.9

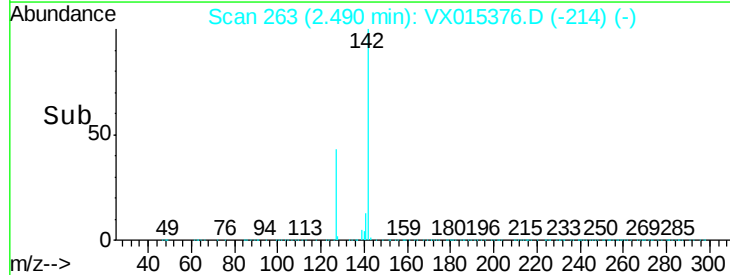
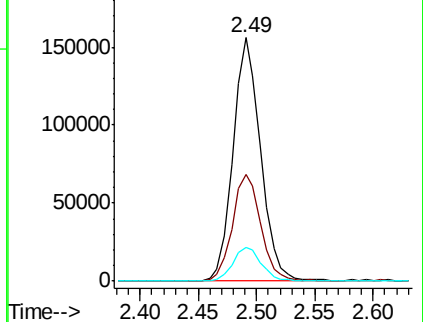
141 14.0 11.6 17.4

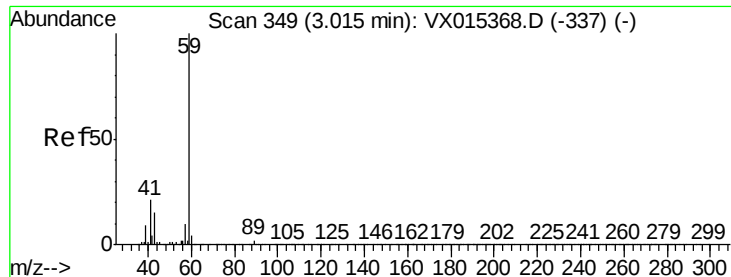


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



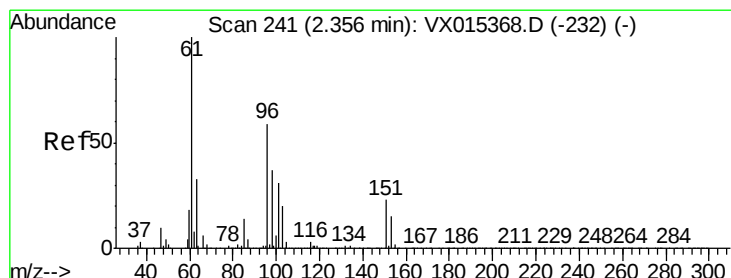
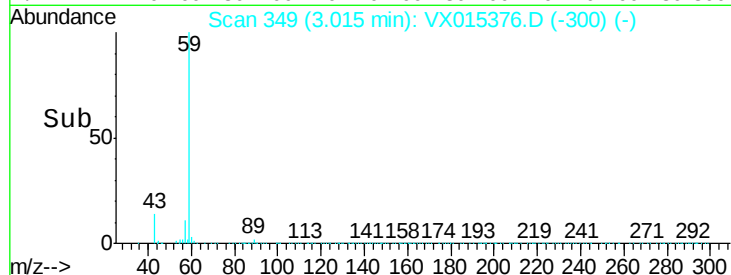
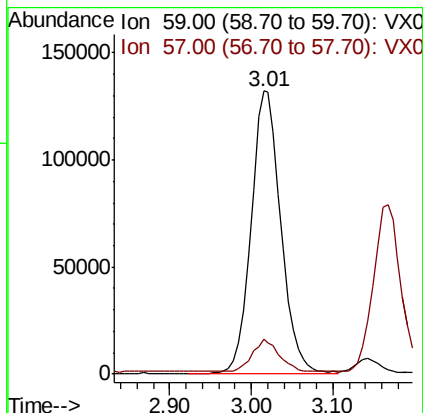
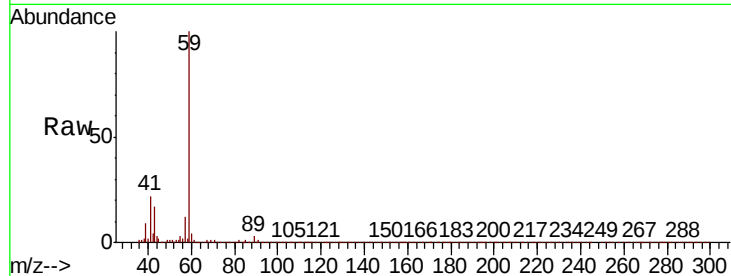


#11

Tert butyl alcohol
 Concen: 85.081 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

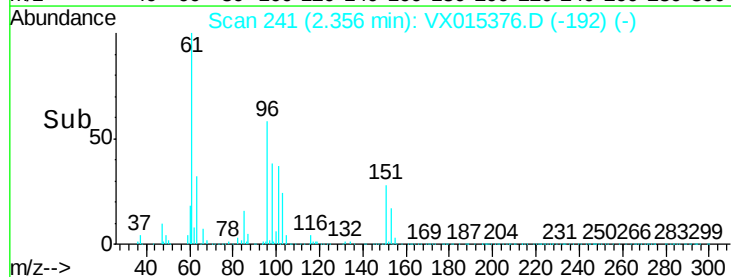
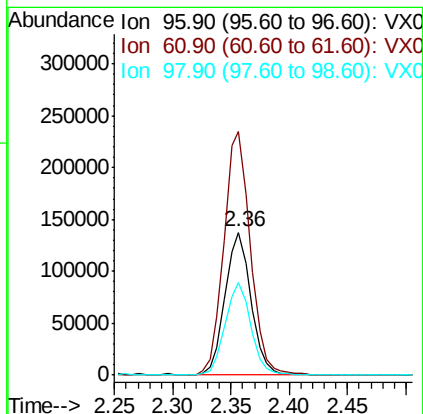
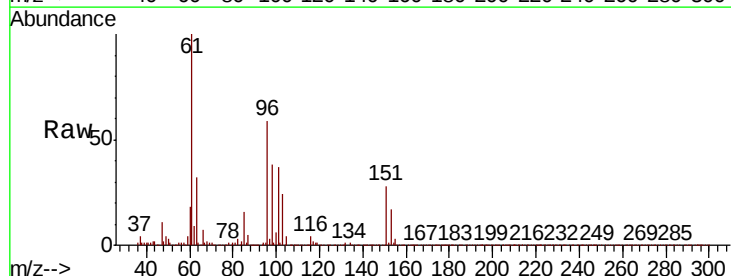
Tot Ion: 59 Resp: 336045
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.1 12.1

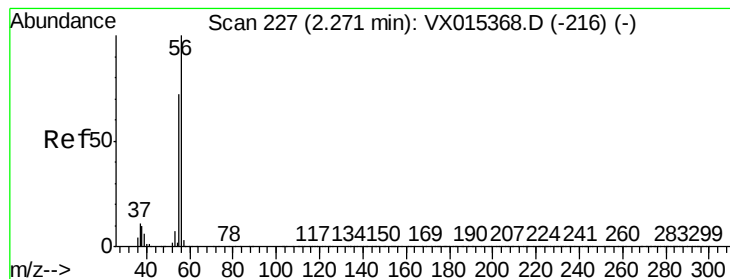


#12

1,1-Dichloroethene
 Concen: 19.135 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Tgt Ion: 96 Resp: 211368
 Ion Ratio Lower Upper
 96 100
 61 170.8 135.7 203.5
 98 65.0 50.6 75.8





#13

Acrolein

Concen: 84.188 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

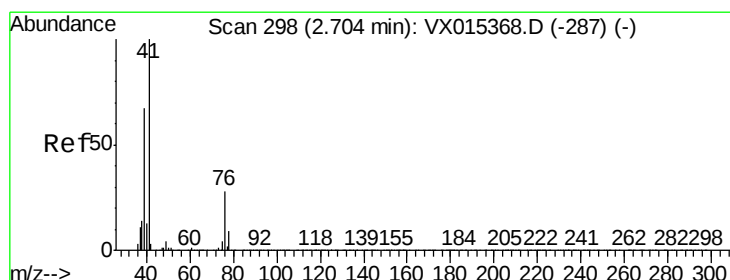
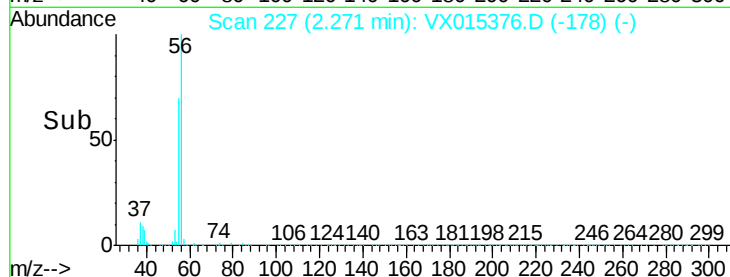
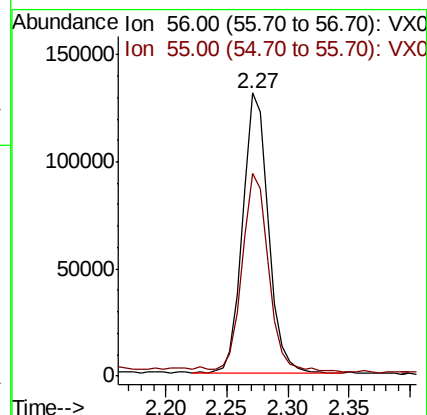
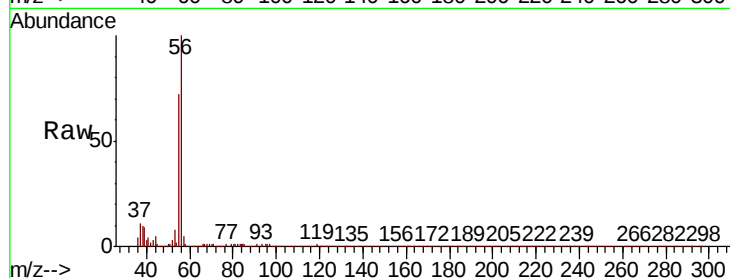
VX0327WBSD01

Tot Ion: 56 Resp: 189418

Ion Ratio Lower Upper

56 100

55 74.4 57.0 85.4



#14

Allyl chloride

Concen: 18.700 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

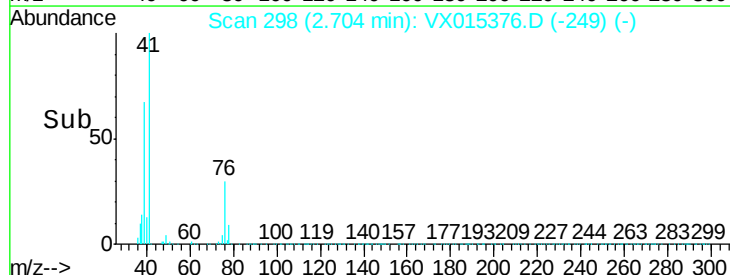
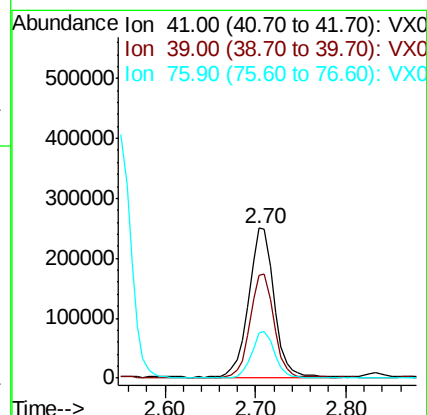
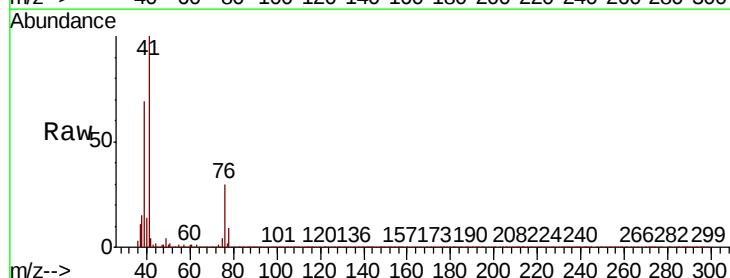
Tgt Ion: 41 Resp: 482651

Ion Ratio Lower Upper

41 100

39 65.6 51.4 77.0

76 27.6 21.8 32.8





#15

Acrylonitrile

Concen: 90.110 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

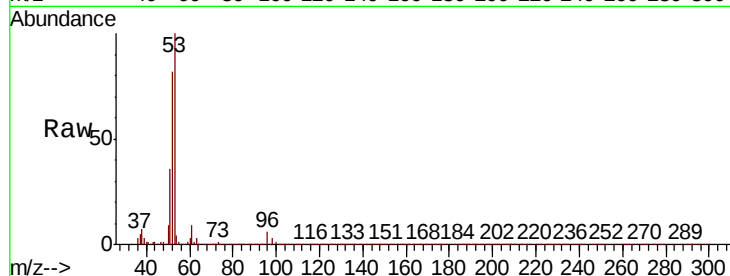
Tot Ion: 53 Resp: 678746

Ion Ratio Lower Upper

53 100

52 82.4 66.8 100.2

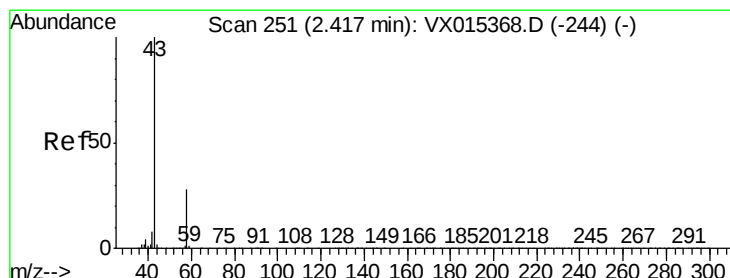
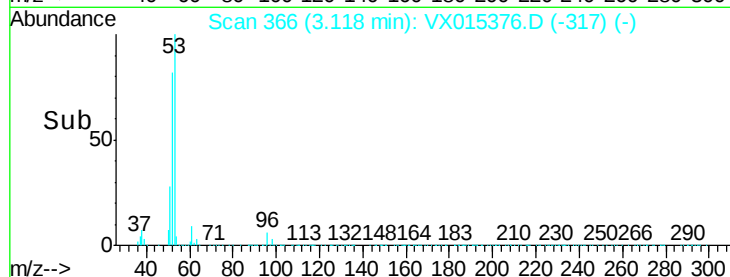
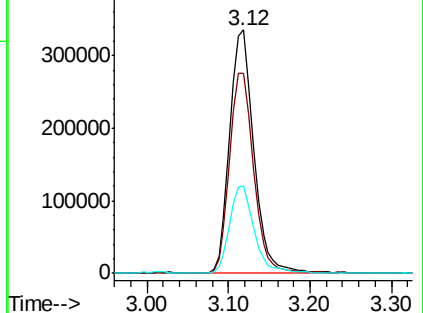
51 36.5 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 87.301 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015376.D

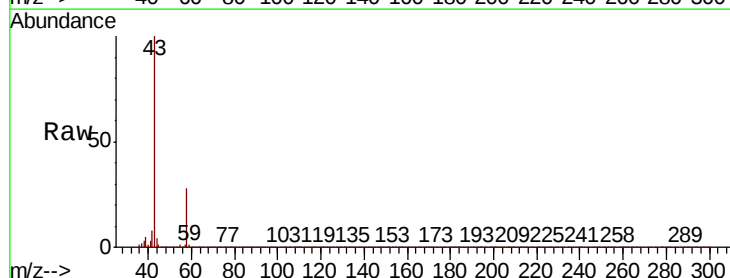
Acq: 27 Mar 2020 12:57

Tgt Ion: 43 Resp: 618916

Ion Ratio Lower Upper

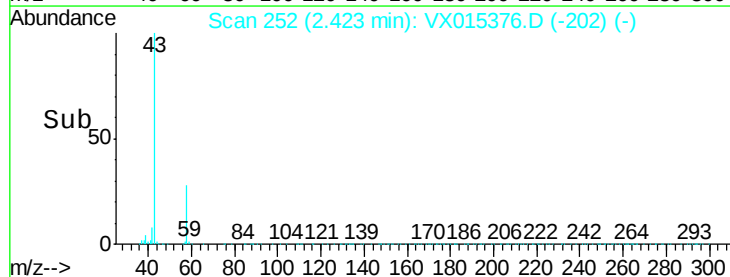
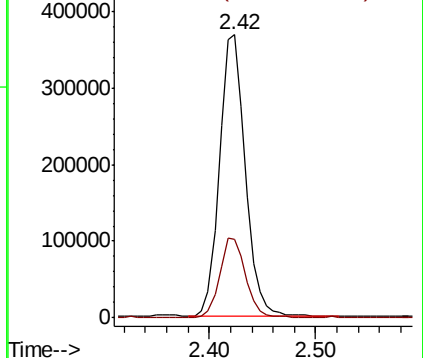
43 100

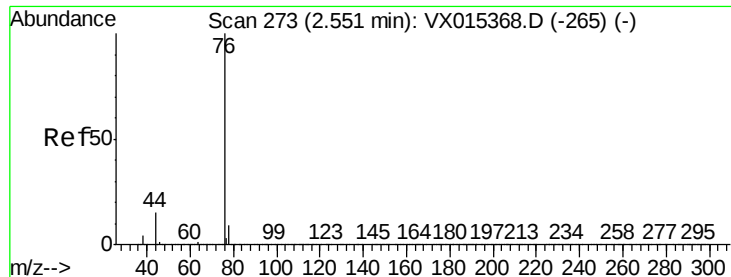
58 27.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.079 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

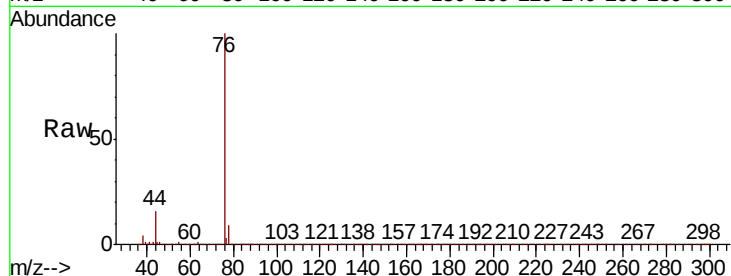
VX0327WBSD01

Tot Ion: 76 Resp: 642906

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

400000

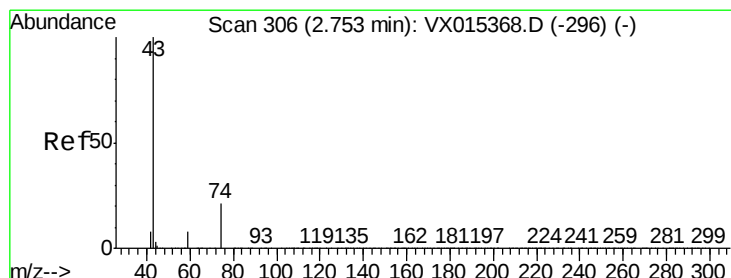
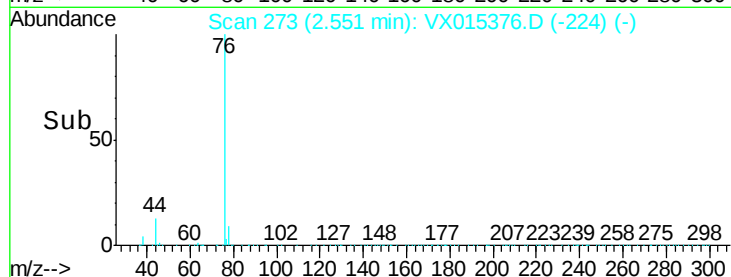
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 17.934 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015376.D

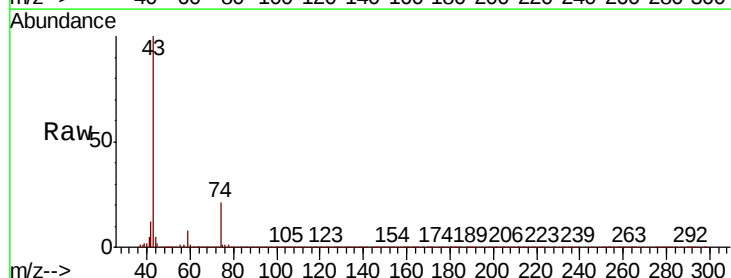
Acq: 27 Mar 2020 12:57

Tgt Ion: 43 Resp: 324502

Ion Ratio Lower Upper

43 100

74 21.2 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

200000

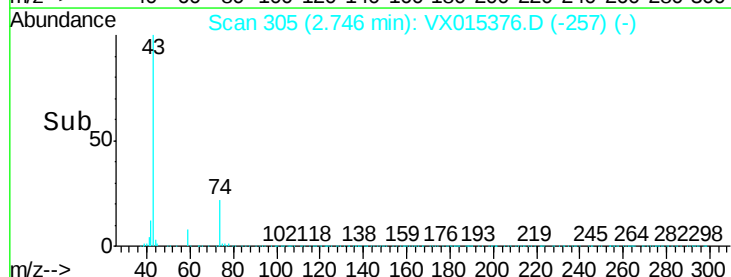
150000

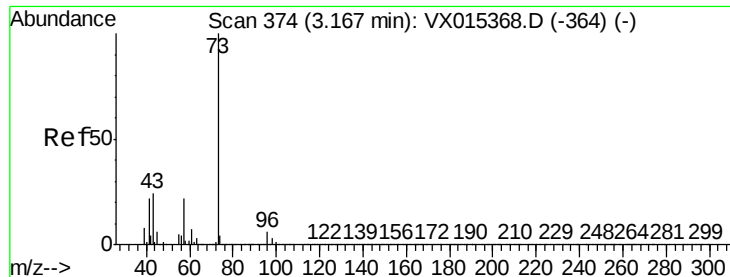
100000

50000

0

Time-->



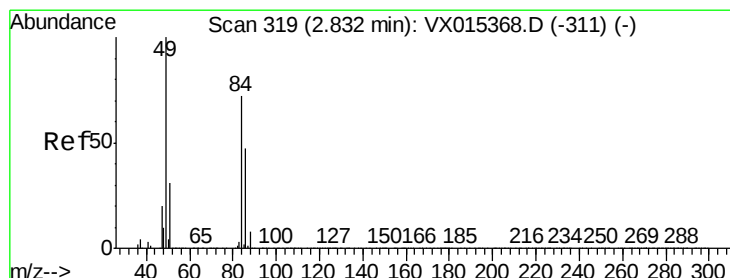
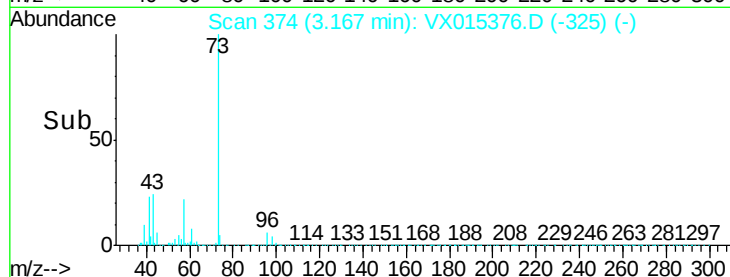
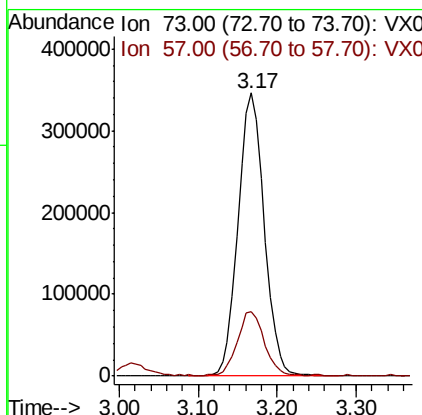
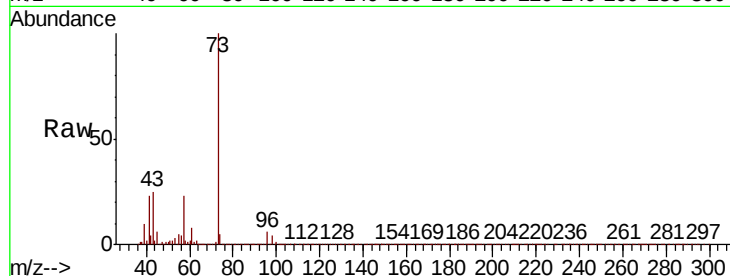


#19

Methyl tert-butyl Ether
Concen: 18.599 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

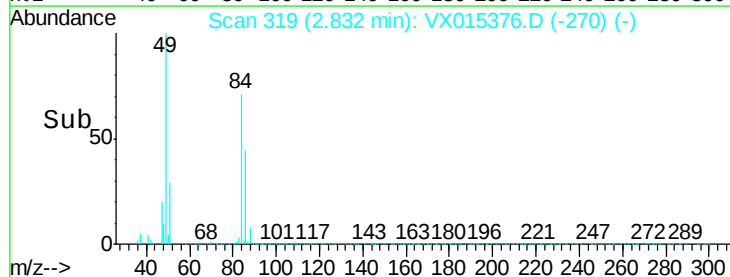
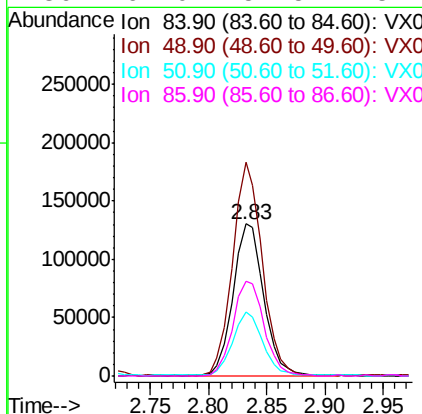
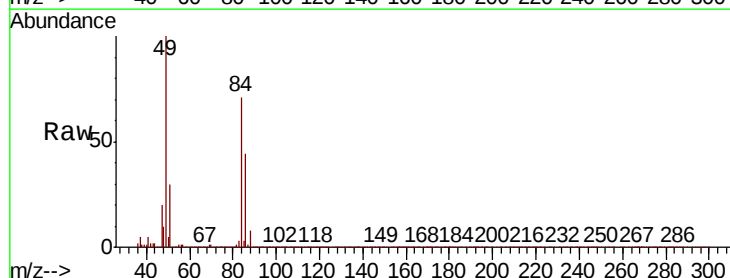
Tot Ion: 73 Resp: 796784
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9

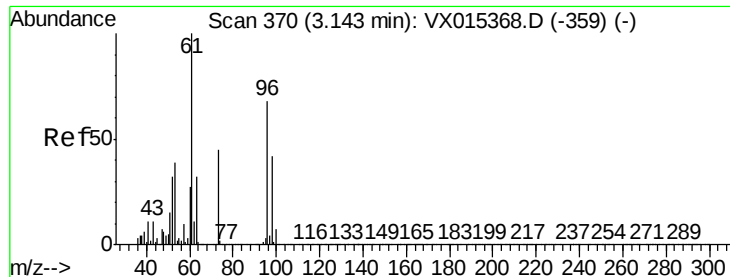


#20

Methylene Chloride
Concen: 17.906 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion: 84 Resp: 237106
Ion Ratio Lower Upper
84 100
49 140.4 111.3 166.9
51 41.4 34.0 51.0
86 62.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.737 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

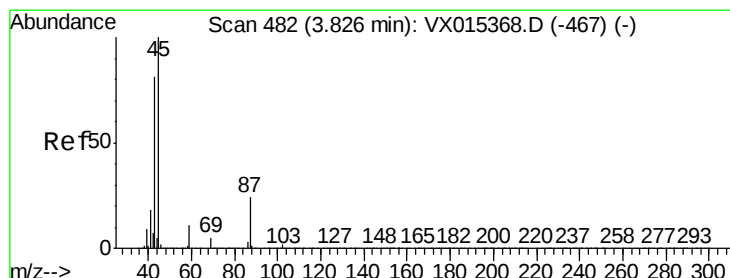
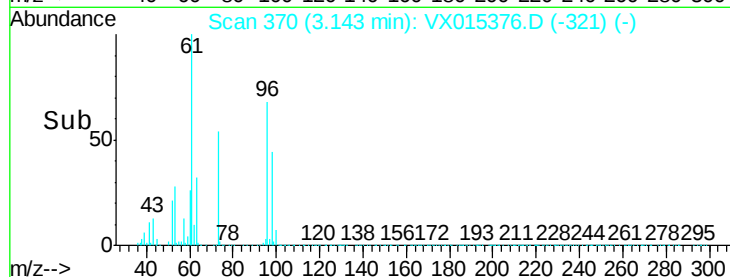
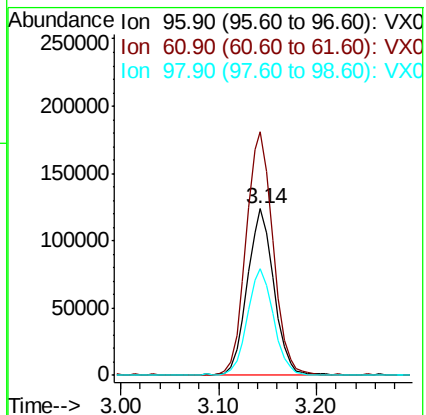
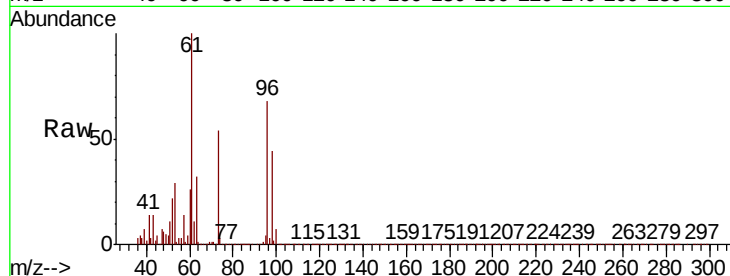
Tot Ion: 96 Resp: 229692

Ion Ratio Lower Upper

96 100

61 146.4 116.9 175.3

98 64.1 48.6 73.0



#22

Diisopropyl ether

Concen: 19.077 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Tgt Ion: 45 Resp: 872466

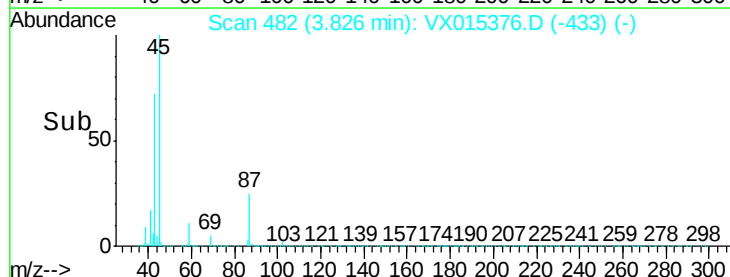
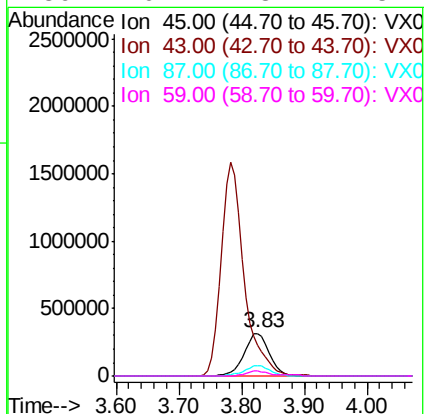
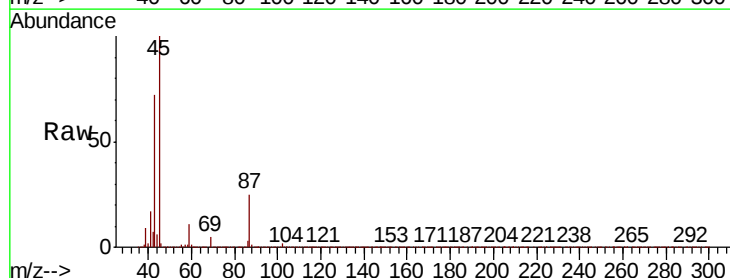
Ion Ratio Lower Upper

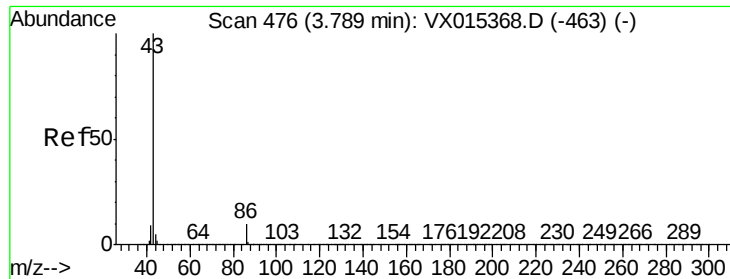
45 100

43 71.8 64.7 97.1

87 24.7 19.4 29.0

59 10.7 8.7 13.1

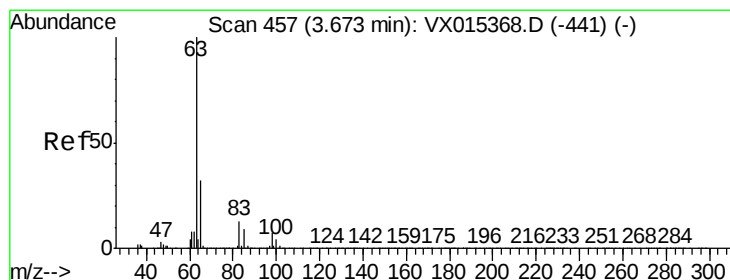
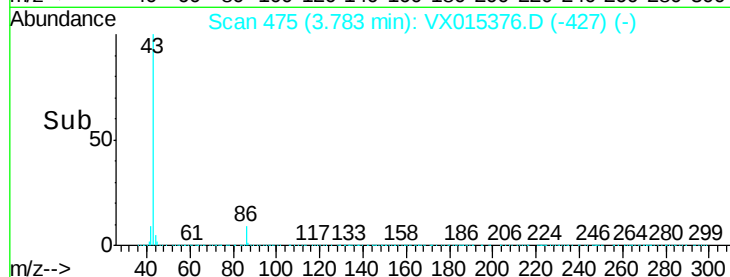
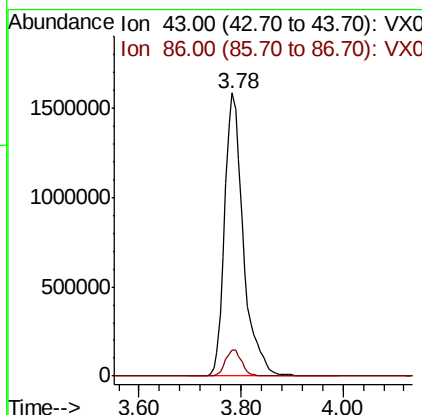
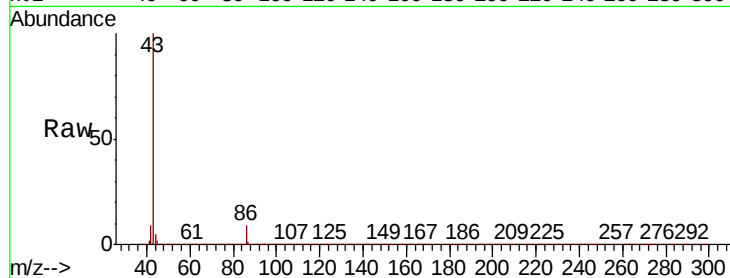




#23
 Vinyl Acetate
 Concen: 96.963 ug/l
 RT: 3.78 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

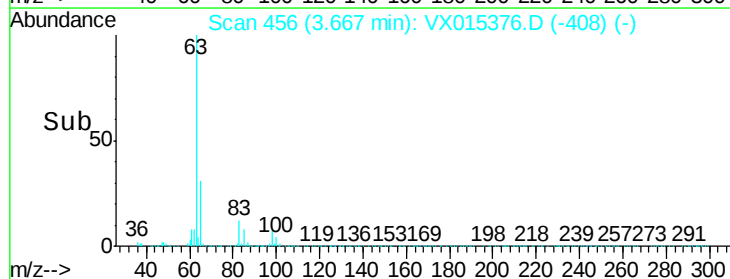
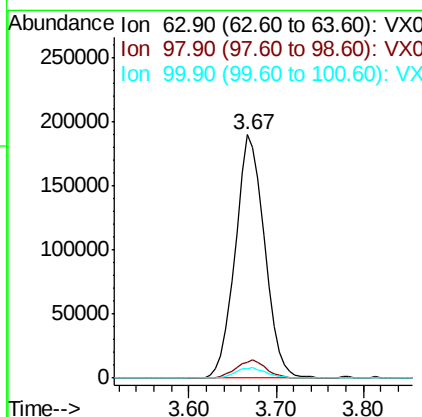
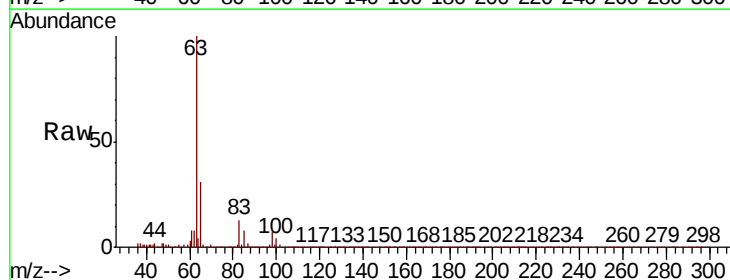
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

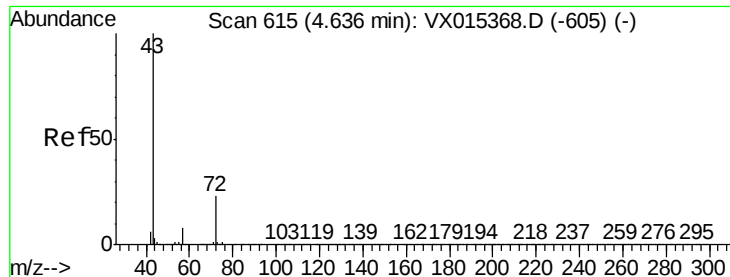
Tot Ion: 43 Resp: 4015120
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 18.197 ug/l
 RT: 3.67 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Tgt Ion: 63 Resp: 438190
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 87.930 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

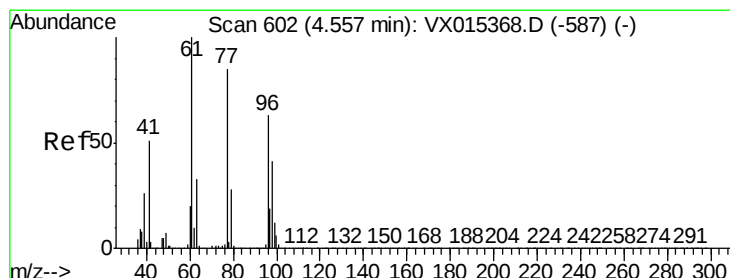
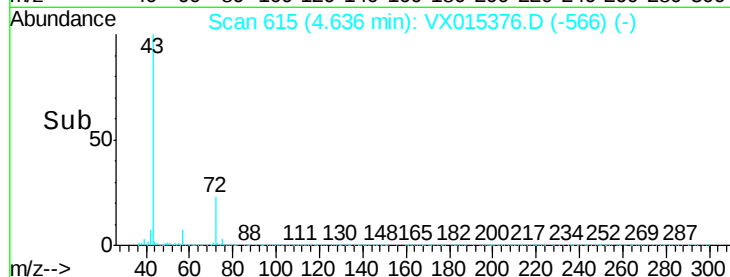
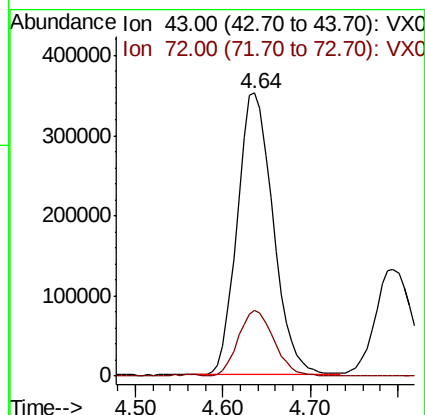
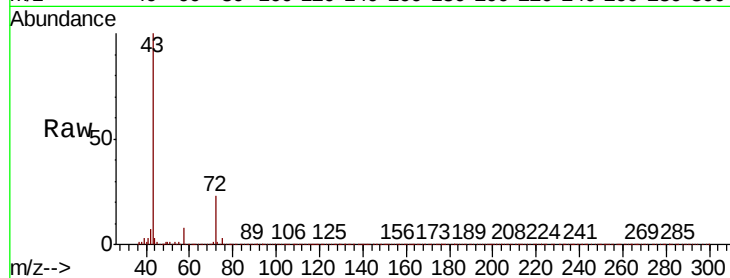
VX0327WBSD01

Tot Ion: 43 Resp: 1002514

Ion Ratio Lower Upper

43 100

72 23.4 19.0 28.4



#26

2,2-Dichloropropane

Concen: 20.090 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015376.D

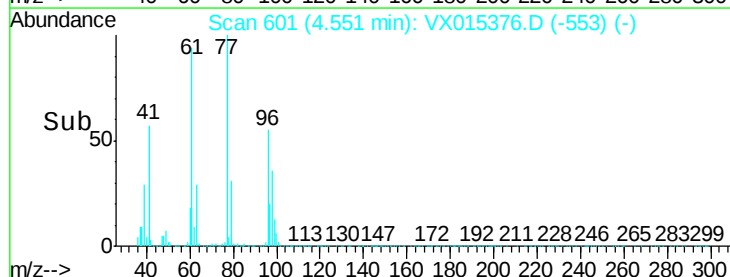
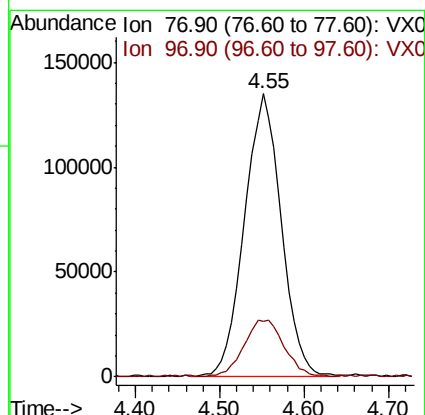
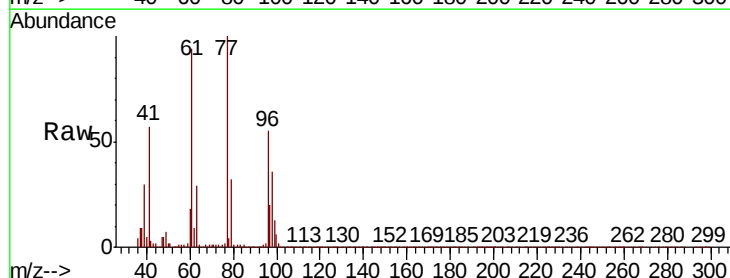
Acq: 27 Mar 2020 12:57

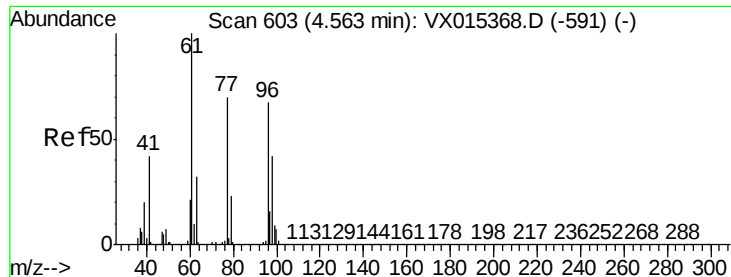
Tgt Ion: 77 Resp: 397090

Ion Ratio Lower Upper

77 100

97 21.7 11.3 33.8



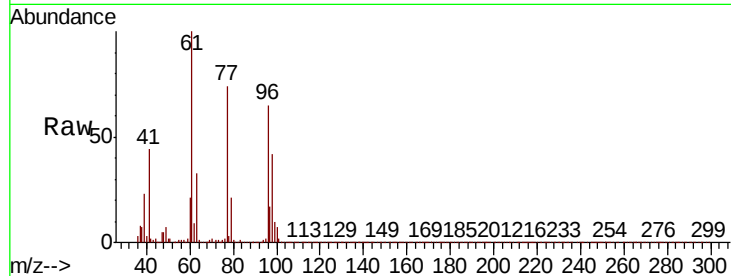


#27

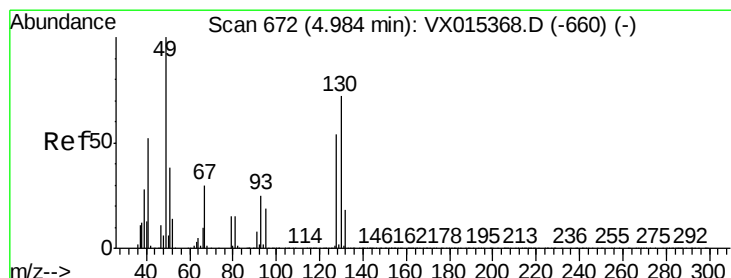
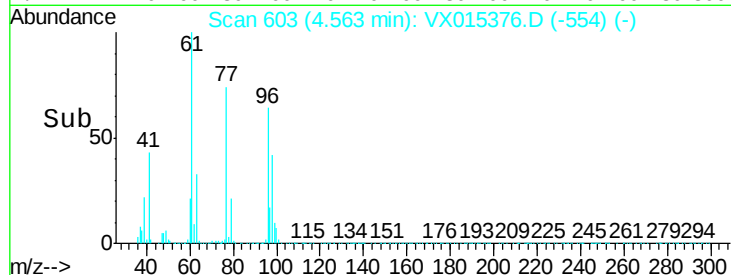
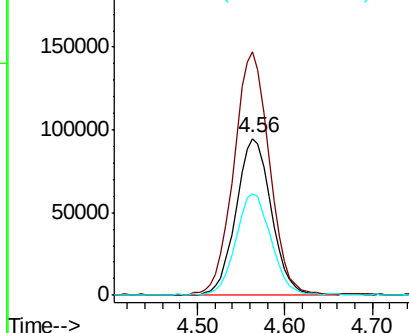
cis-1,2-Dichloroethene
Concen: 18.686 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	96	Resp	265029
Ion	Ratio	Lower	Upper
96	100		
61	157.1	0.0	308.4
98	64.9	0.0	129.2



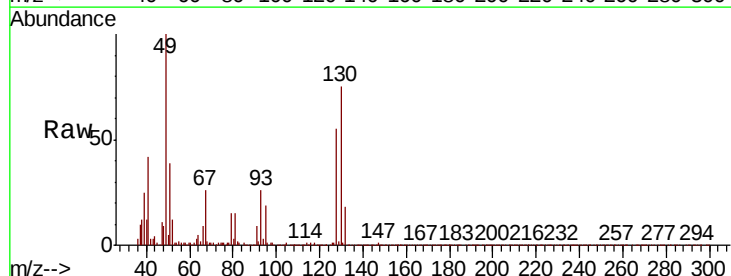
Abundance Ion 95.90 (95.60 to 96.60): VX0
200000 Ion 60.90 (60.60 to 61.60): VX0
150000 Ion 97.90 (97.60 to 98.60): VX0



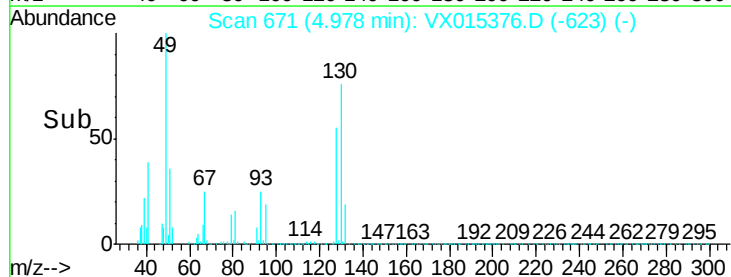
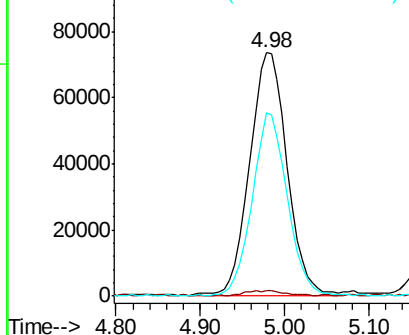
#28

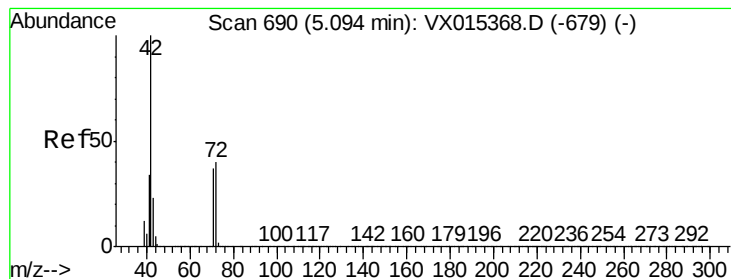
Bromochloromethane
Concen: 19.362 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	49	Resp	222609
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	71.8	57.7	86.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
100000 Ion 128.80 (128.50 to 129.50): V
80000 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 88.742 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

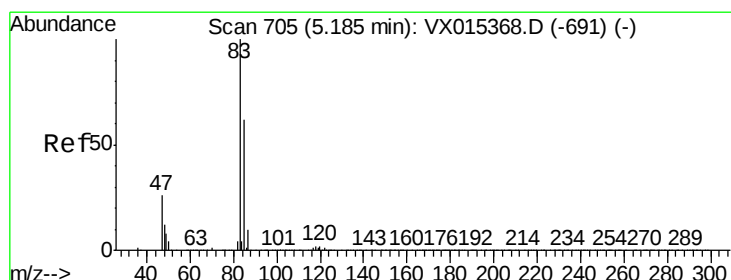
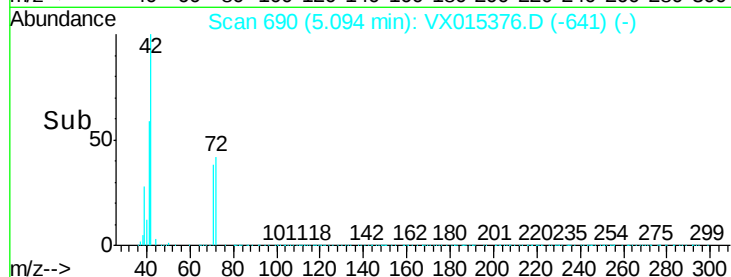
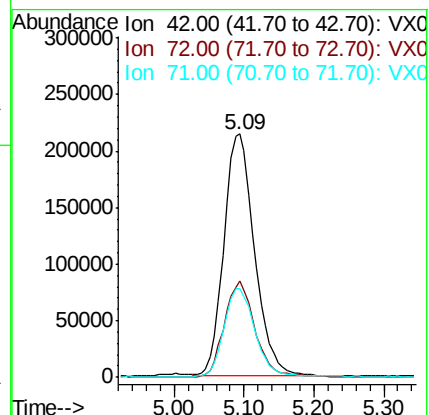
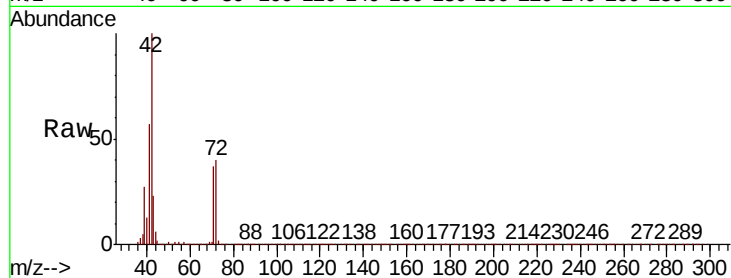
Tot Ion: 42 Resp: 650440

Ion Ratio Lower Upper

42 100

72 39.6 31.7 47.5

71 36.9 29.6 44.4



#30

Chloroform

Concen: 18.392 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015376.D

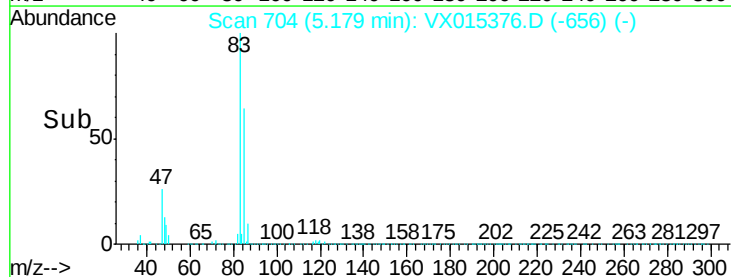
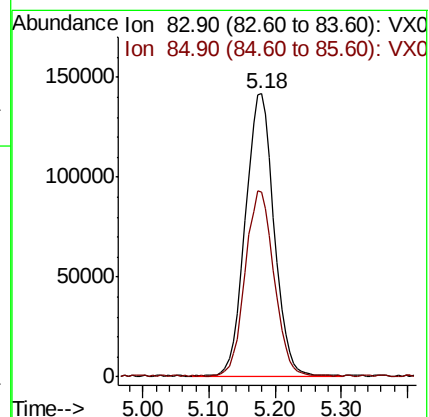
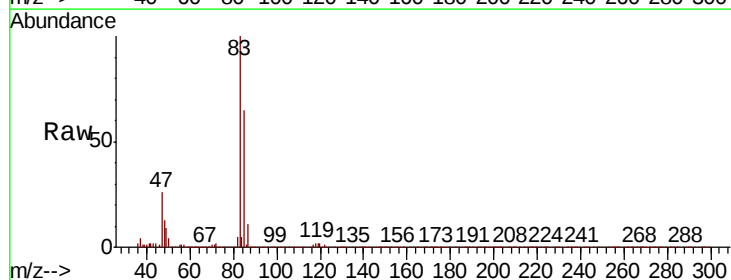
Acq: 27 Mar 2020 12:57

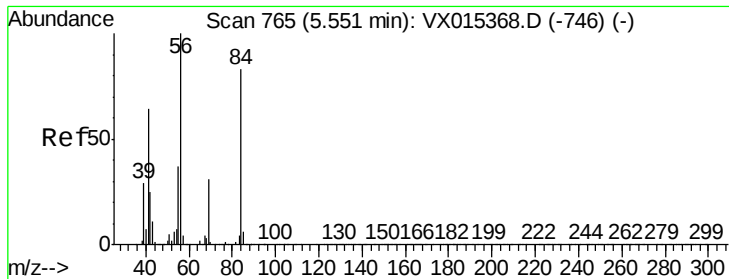
Tgt Ion: 83 Resp: 426087

Ion Ratio Lower Upper

83 100

85 65.3 49.5 74.3





#31

Cyclohexane

Concen: 19.977 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampled :

VX0327WBSD01

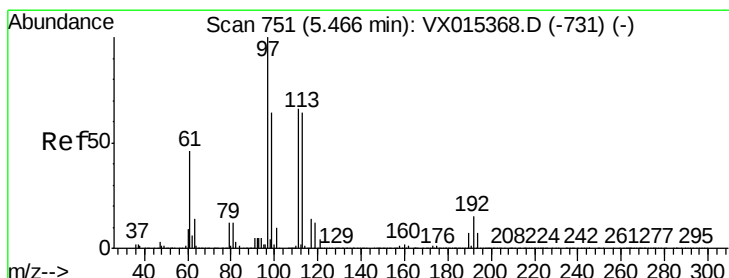
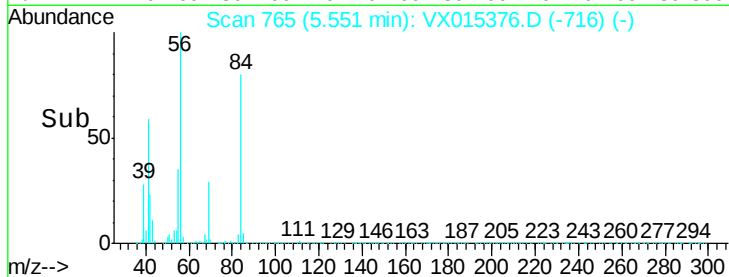
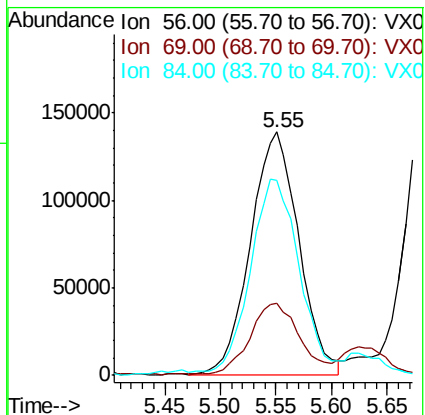
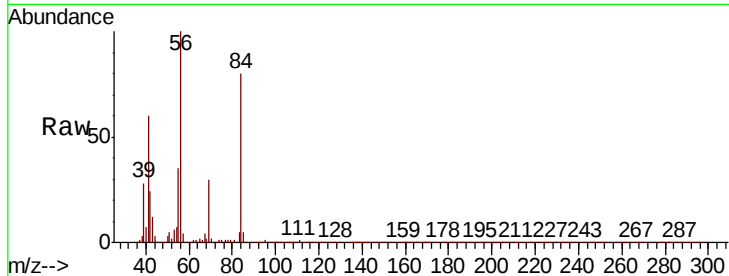
Tot Ion: 56 Resp: 417300

Ion Ratio Lower Upper

56 100

69 29.5 24.6 36.8

84 78.8 66.1 99.1



#32

1,1,1-Trichloroethane

Concen: 18.394 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

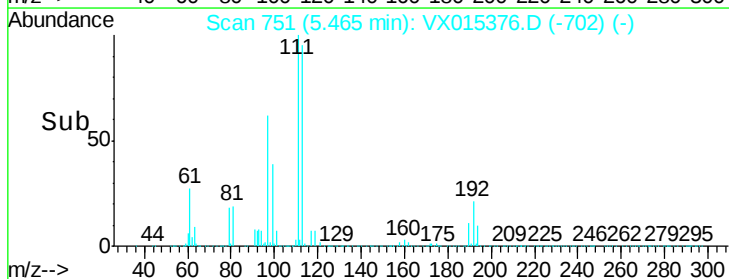
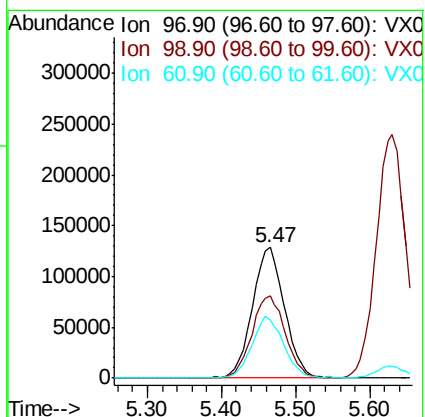
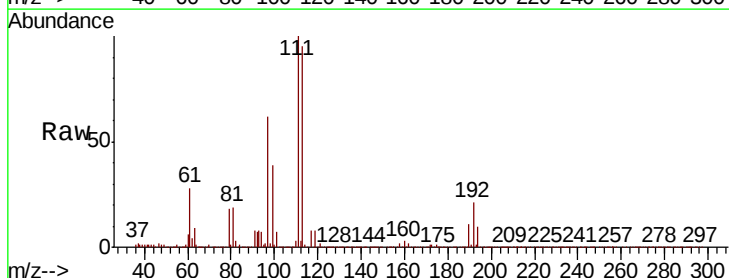
Tgt Ion: 97 Resp: 385657

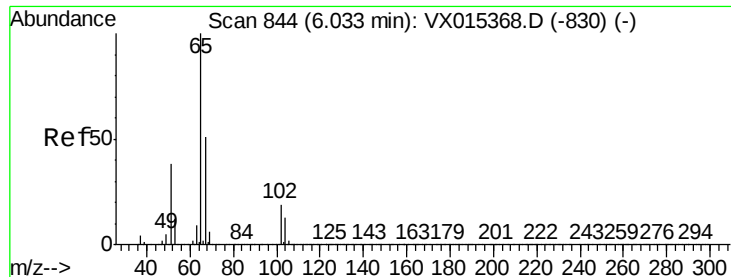
Ion Ratio Lower Upper

97 100

99 65.3 51.0 76.4

61 46.1 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 45.868 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

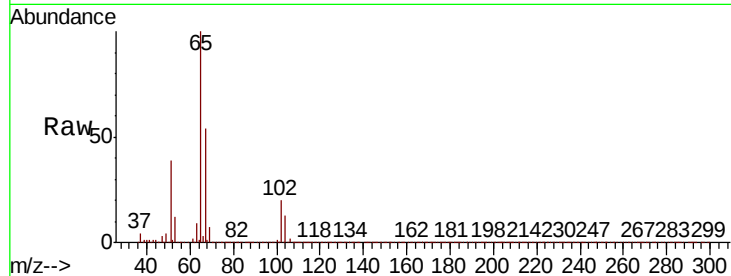
VX0327WBSD01

Tot Ion: 65 Resp: 756885

Ion Ratio Lower Upper

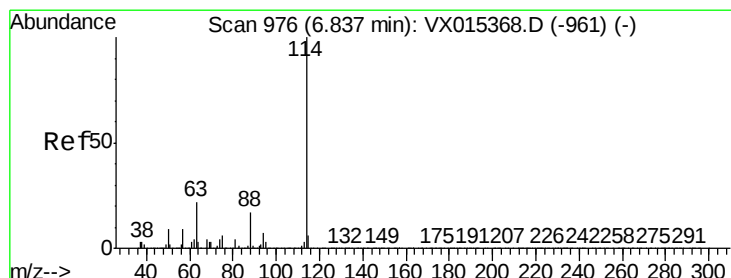
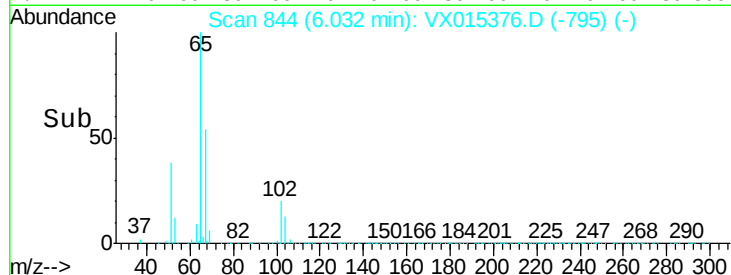
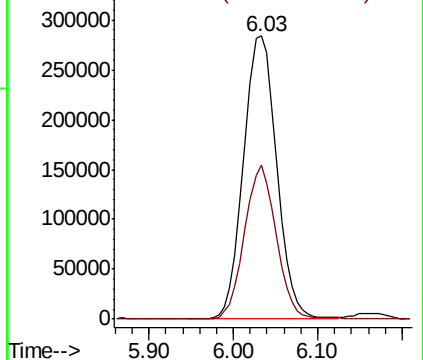
65 100

67 51.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

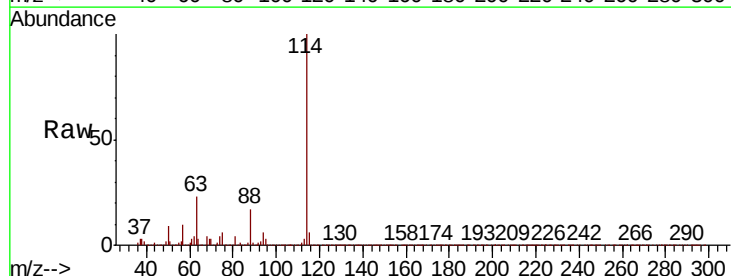
Tgt Ion: 114 Resp: 1788080

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.2

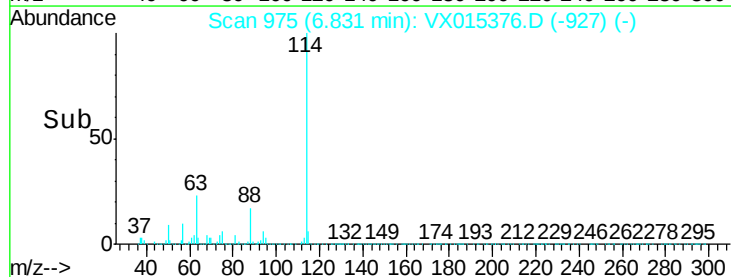
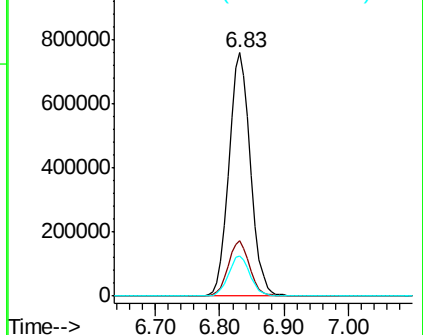
88 16.5 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

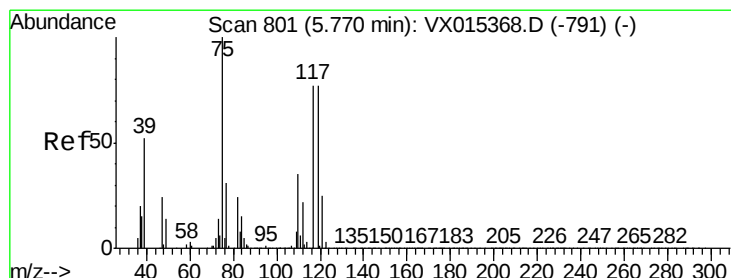
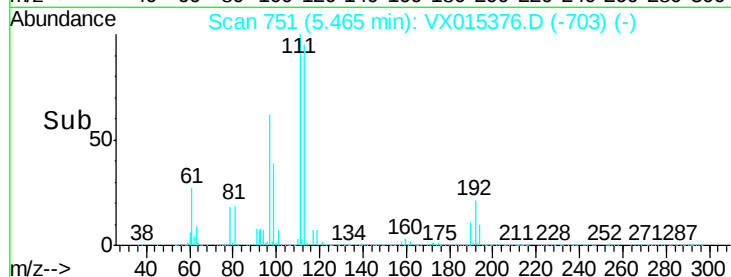
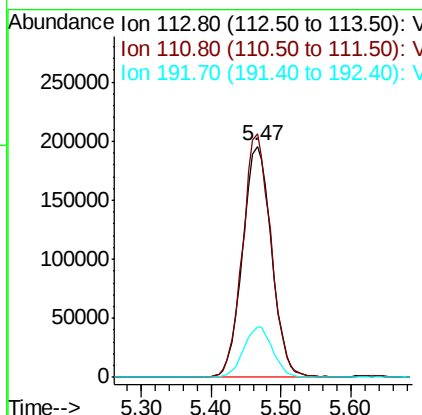
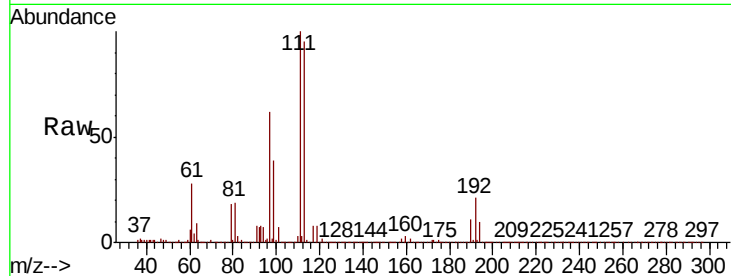




#35
 Dibromofluoromethane
 Concen: 49.414 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

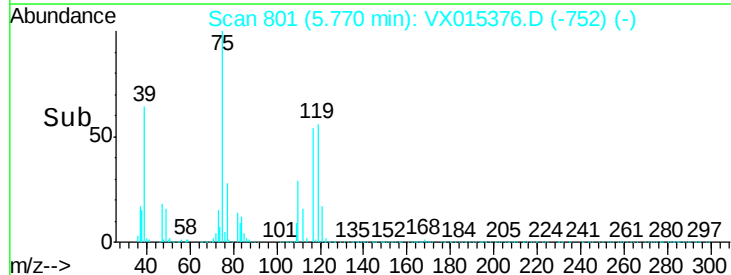
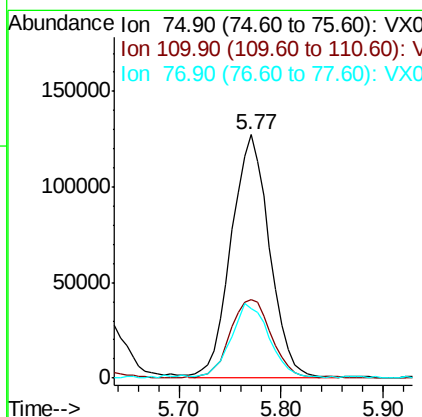
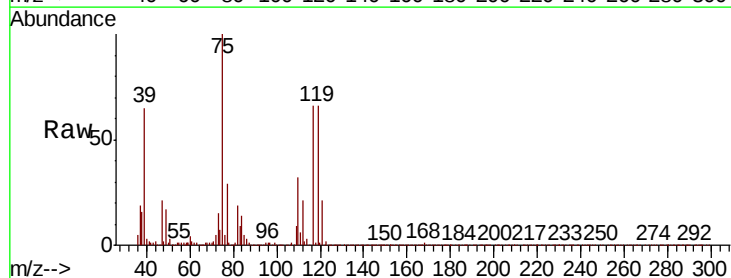
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.5	122.3
192	21.7	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 19.955 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.1	51.3
77	30.6	24.6	36.8

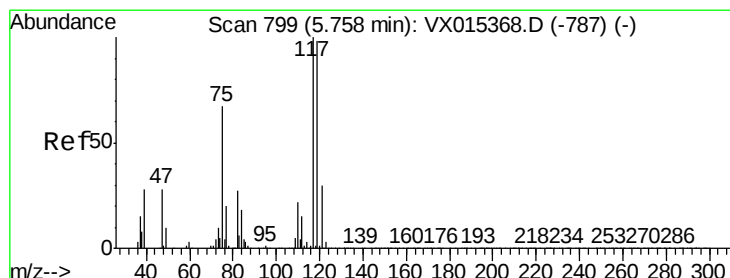
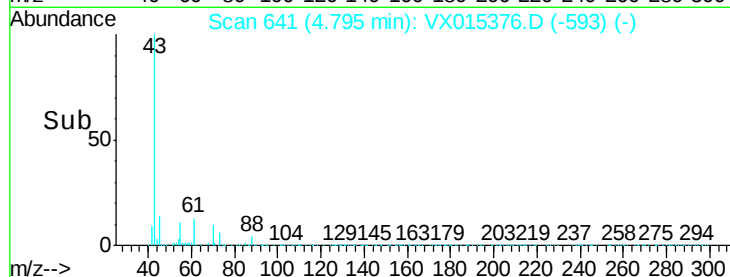
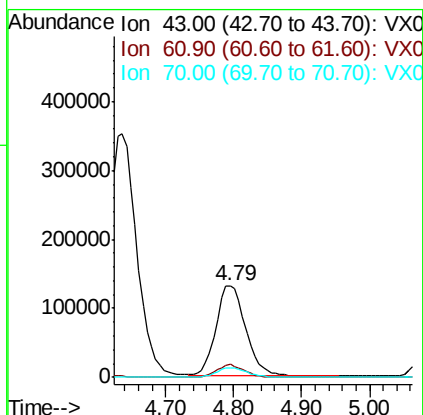
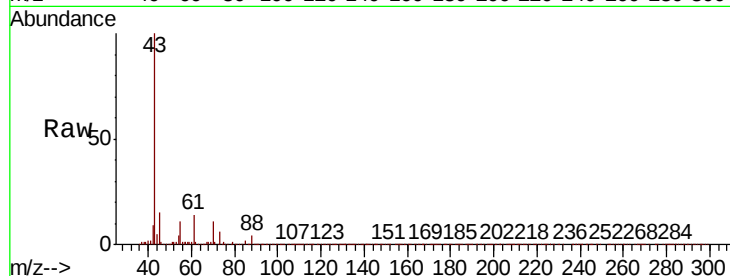




#37
Ethyl Acetate
Concen: 18.874 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

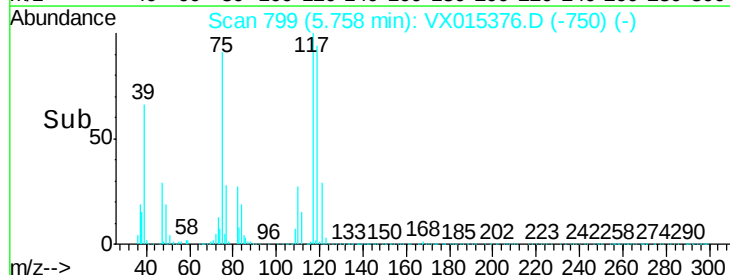
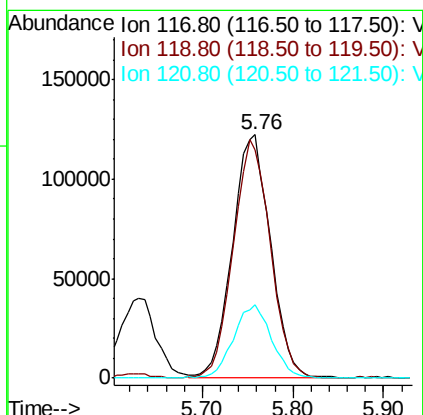
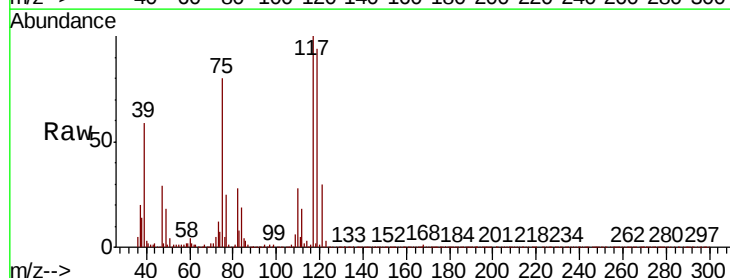
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

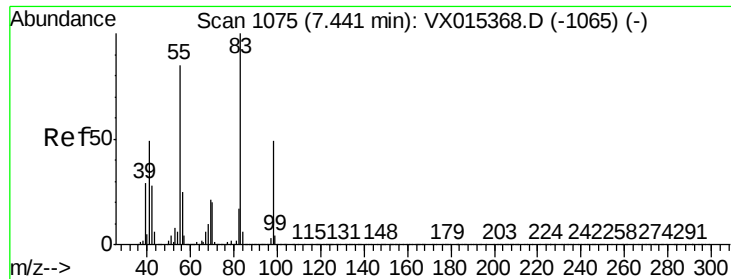
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.9	14.9
70	9.9	8.1	12.1



#38
Carbon Tetrachloride
Concen: 19.855 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.0	117.0
121	29.8	23.8	35.8

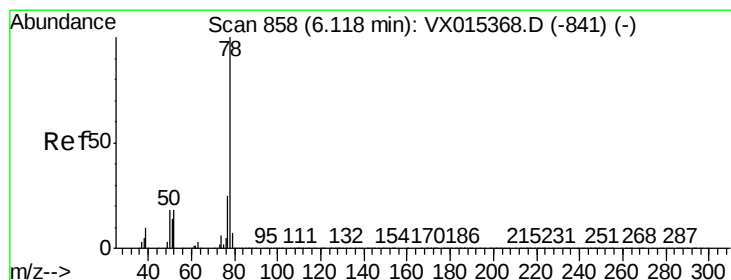
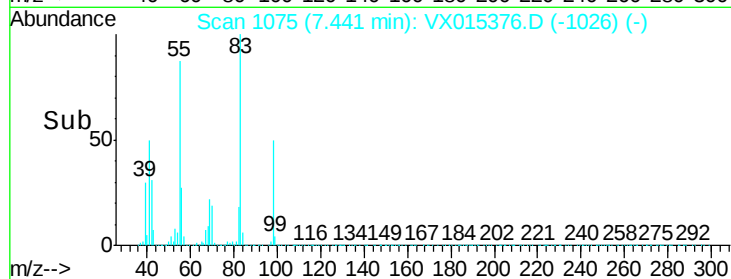
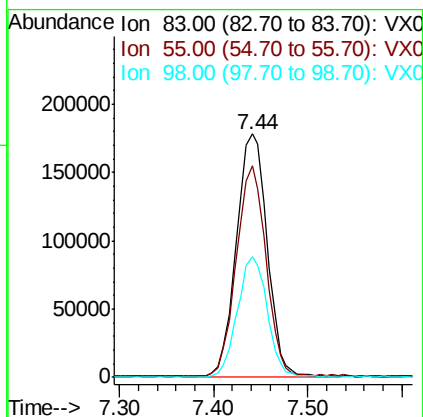
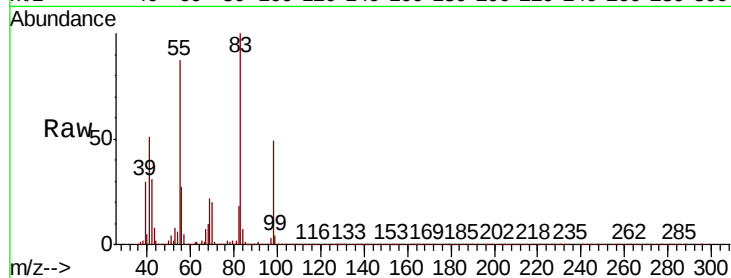




#39
Methvlcvclohexane
Concen: 21.255 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

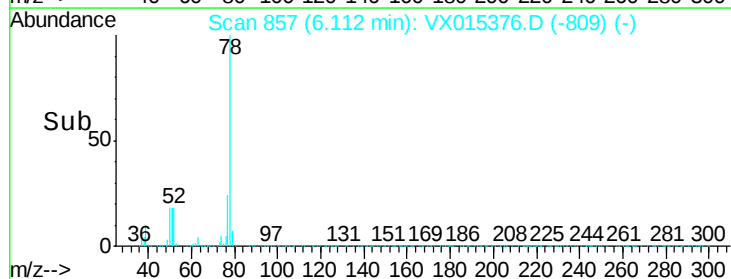
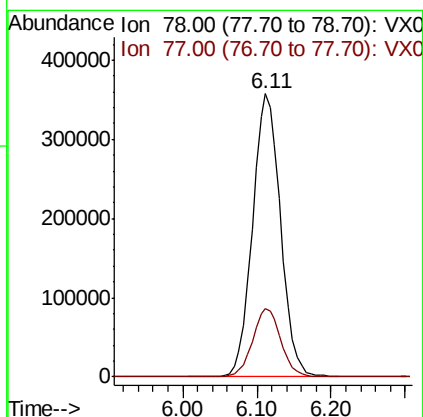
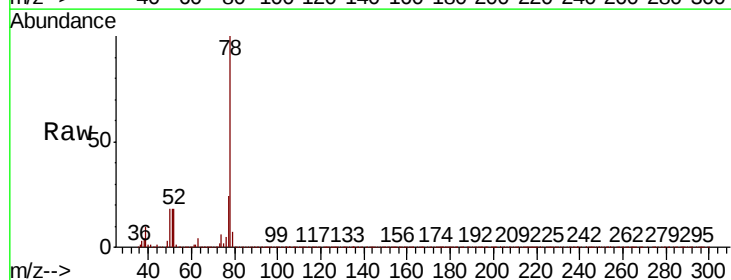
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

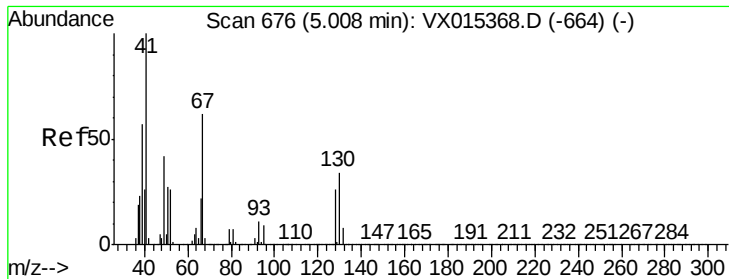
Tot Ion: 83 Resp: 403756
Ion Ratio Lower Upper
83 100
55 86.7 67.8 101.6
98 49.3 39.3 58.9



#40
Benzene
Concen: 19.489 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion: 78 Resp: 940536
Ion Ratio Lower Upper
78 100
77 24.2 19.8 29.8

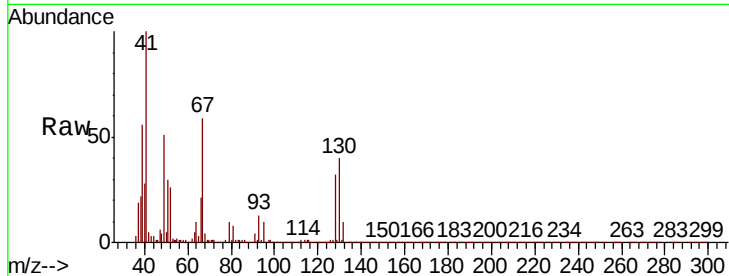




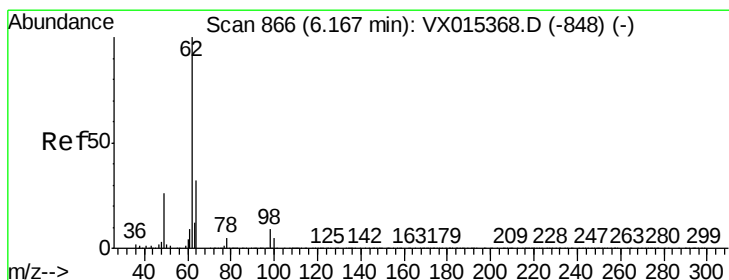
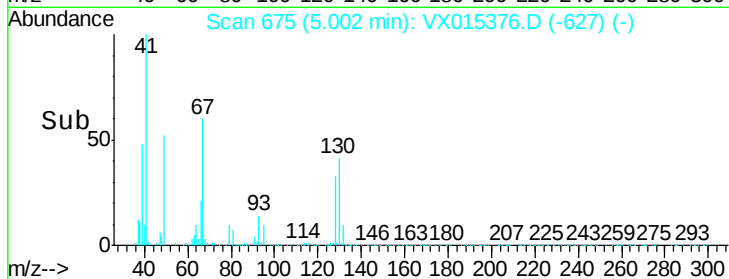
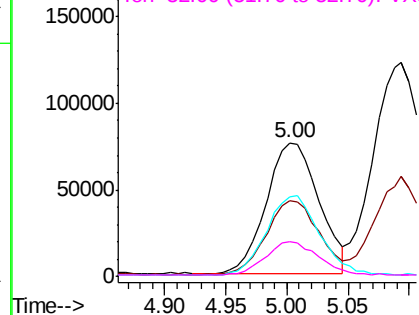
#41
Methacrylonitrile
Concen: 19.159 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampled :
VX0327WBSD01

Tot Ion:	41	Resp:	228156
Ion	Ratio	Lower	Upper
41	100		
39	56.4	44.5	66.7
67	61.7	48.9	73.3
52	28.5	21.8	32.6

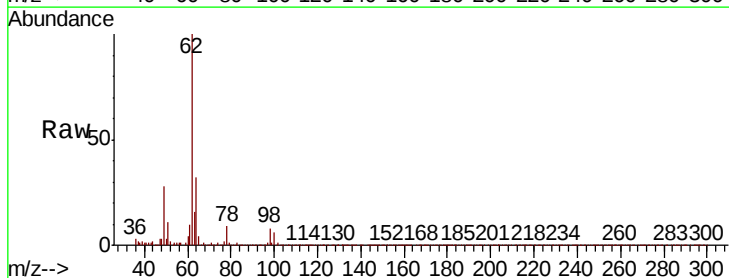


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

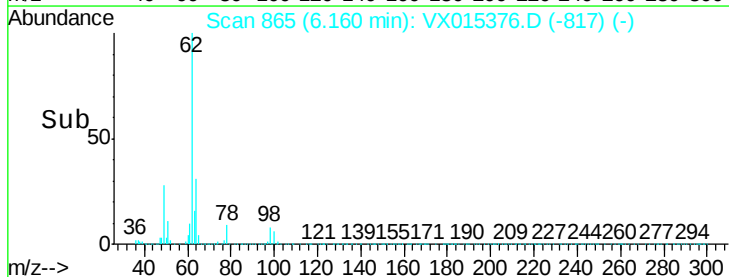
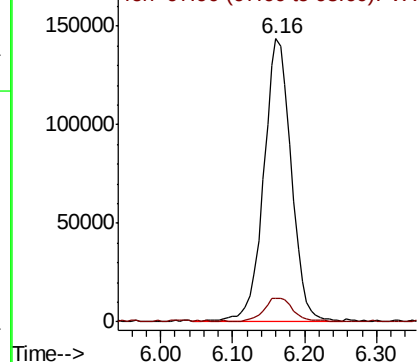


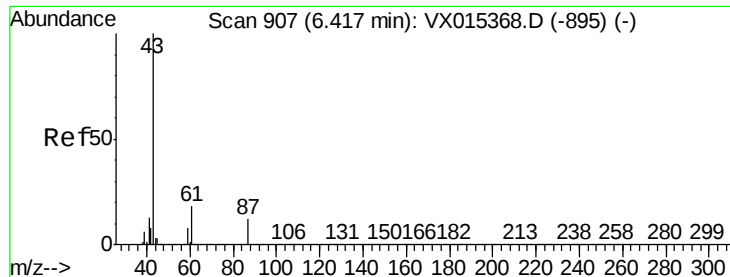
#42
1,2-Dichloroethane
Concen: 19.726 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion:	62	Resp:	382397
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 19.086 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampled :

VX0327WBSD01

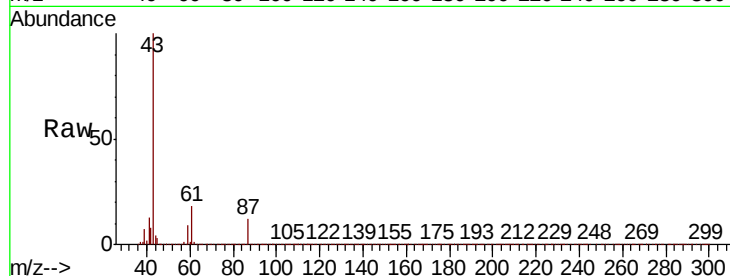
Tot Ion: 43 Resp: 691145

Ion Ratio Lower Upper

43 100

61 18.4 14.8 22.2

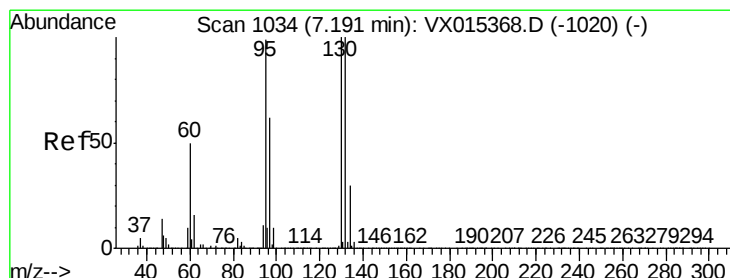
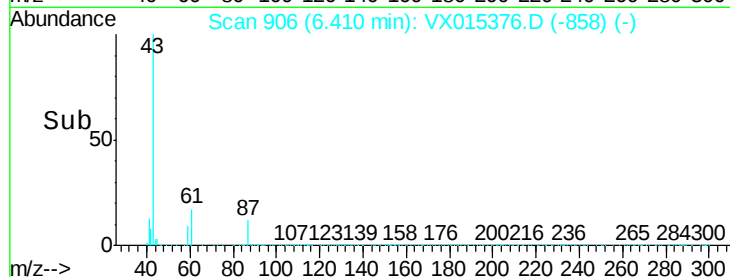
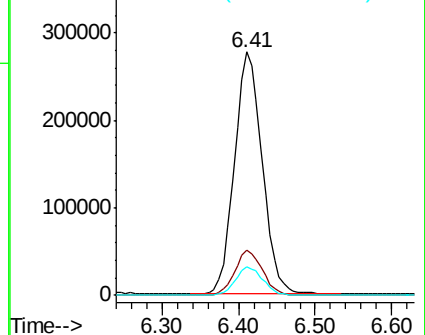
87 11.4 9.4 14.0



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: 19.554 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015376.D

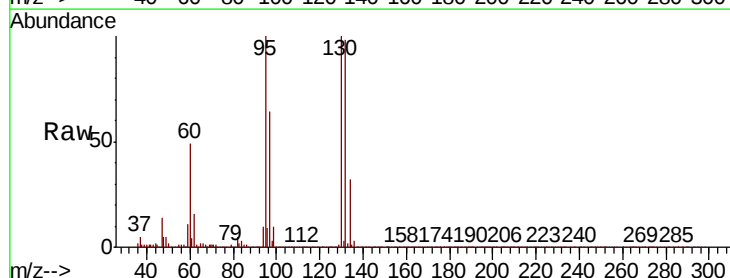
Acq: 27 Mar 2020 12:57

Tgt Ion:130 Resp: 257360

Ion Ratio Lower Upper

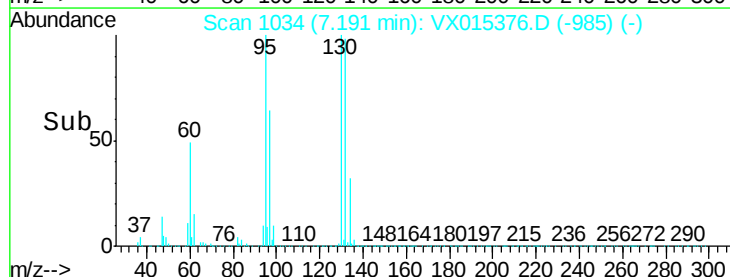
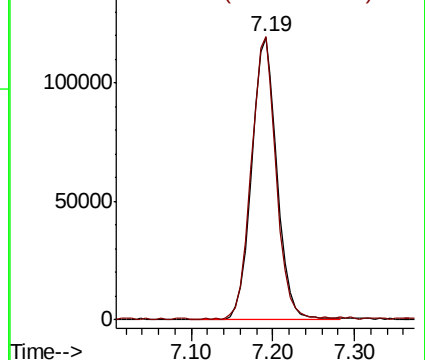
130 100

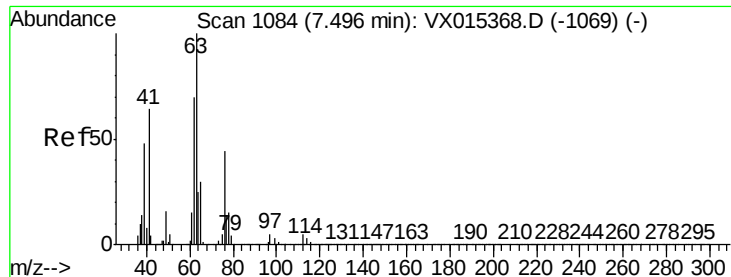
95 99.9 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.345 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

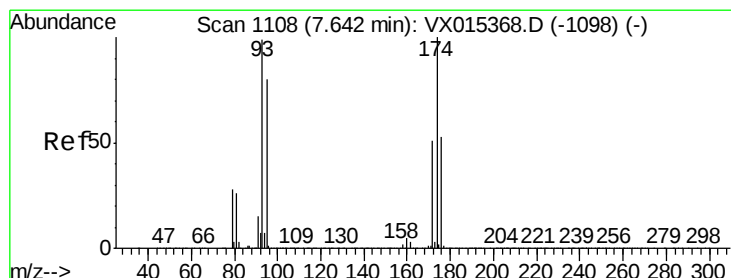
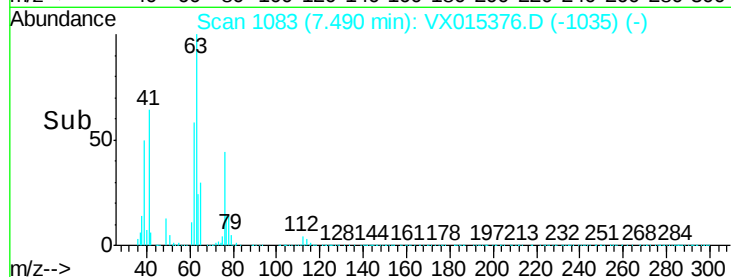
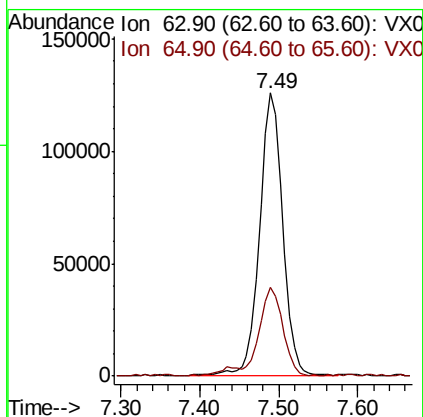
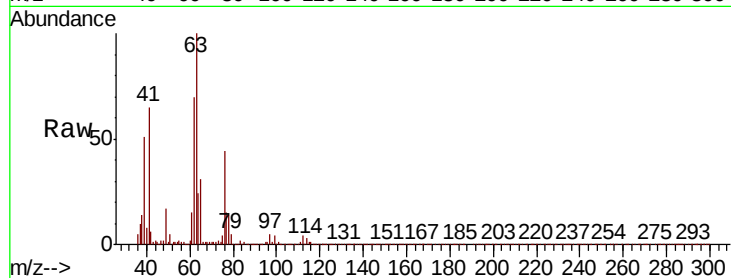
VX0327WBSD01

Tot Ion: 63 Resp: 255397

Ion Ratio Lower Upper

63 100

65 31.1 23.9 35.9



#46

Dibromomethane

Concen: 19.329 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

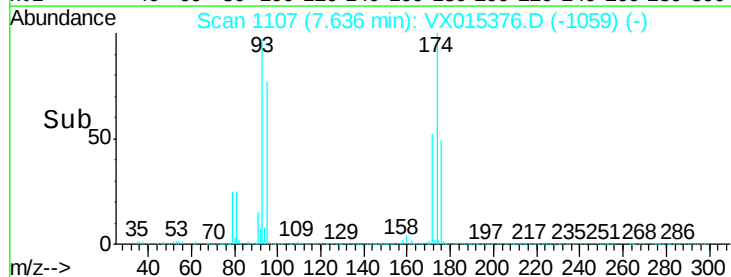
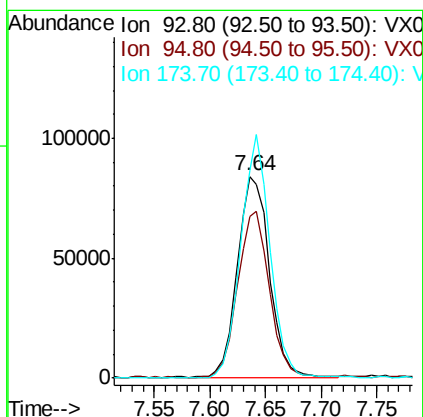
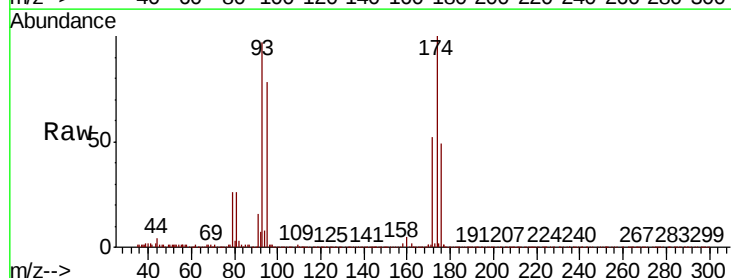
Tgt Ion: 93 Resp: 167393

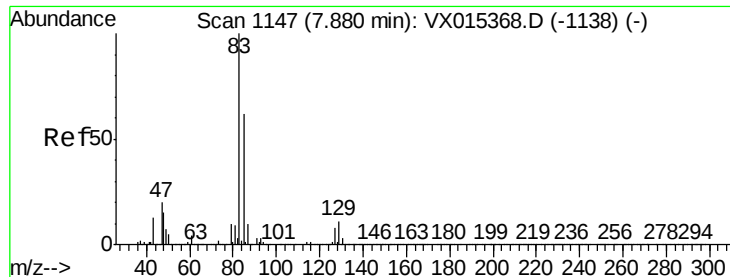
Ion Ratio Lower Upper

93 100

95 81.1 65.8 98.8

174 110.0 86.2 129.2





#47

Bromodichloromethane

Concen: 19.298 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

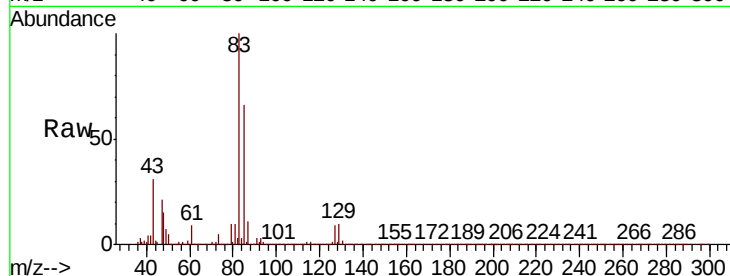
Tot Ion: 83 Resp: 356117

Ion Ratio Lower Upper

83 100

85 65.5 49.7 74.5

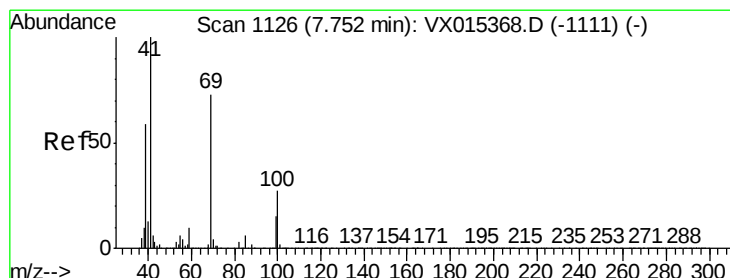
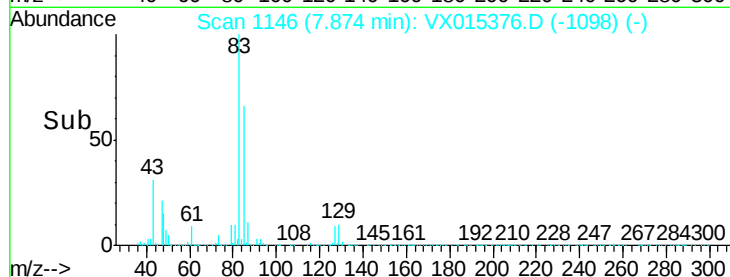
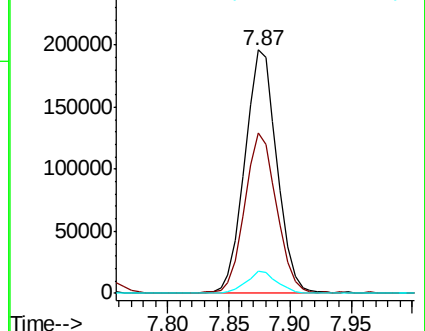
127 8.9 6.7 10.1



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: 18.996 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

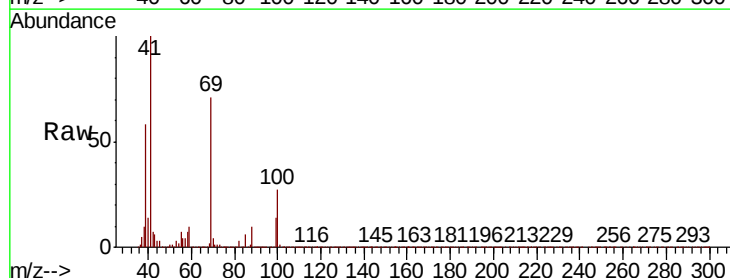
Tgt Ion: 41 Resp: 343591

Ion Ratio Lower Upper

41 100

69 70.0 56.7 85.1

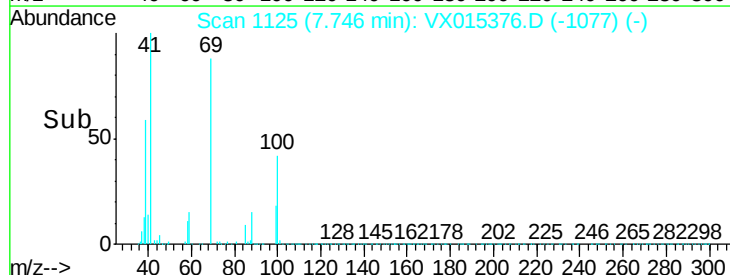
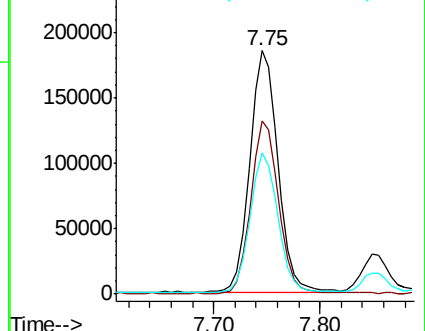
39 57.2 46.5 69.7

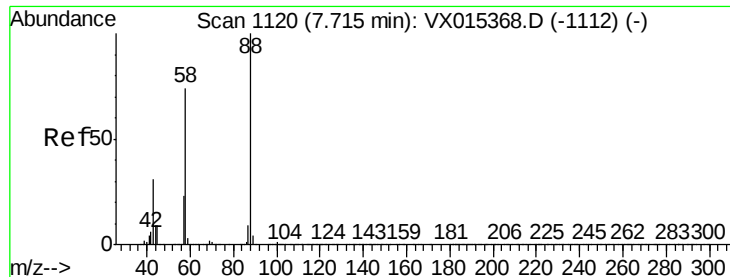


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 388.447 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

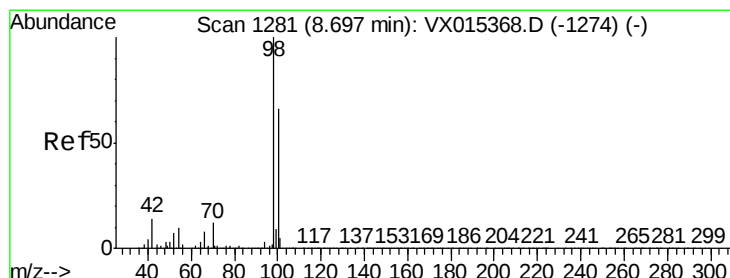
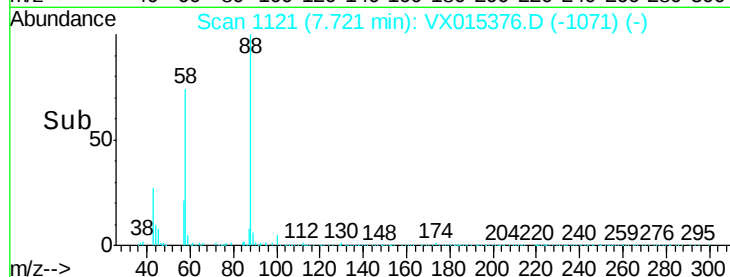
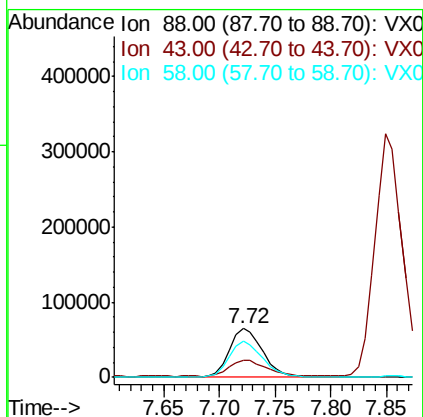
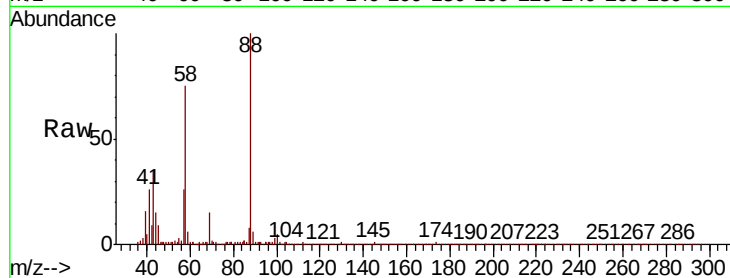
Tot Ion: 88 Resp: 131074

Ion Ratio Lower Upper

88 100

43 38.9 30.1 45.1

58 75.0 60.6 90.8



#50

Toluene-d8

Concen: 48.947 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015376.D

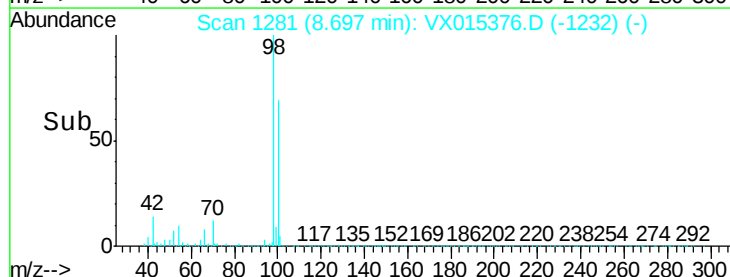
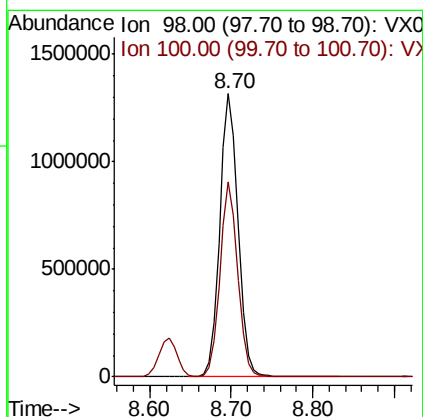
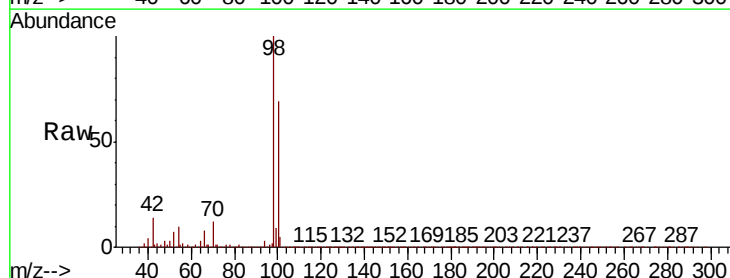
Acq: 27 Mar 2020 12:57

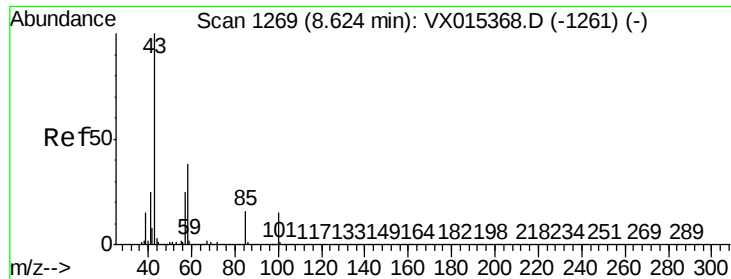
Tgt Ion: 98 Resp: 2059782

Ion Ratio Lower Upper

98 100

100 66.8 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 96.595 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleID :

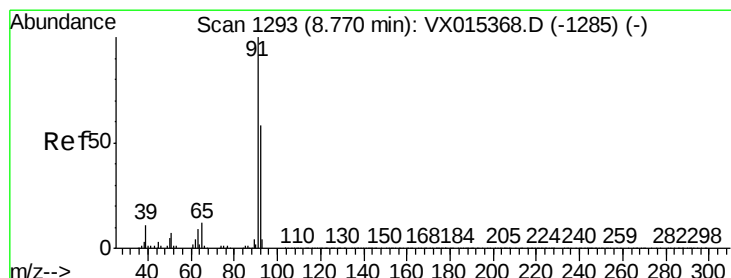
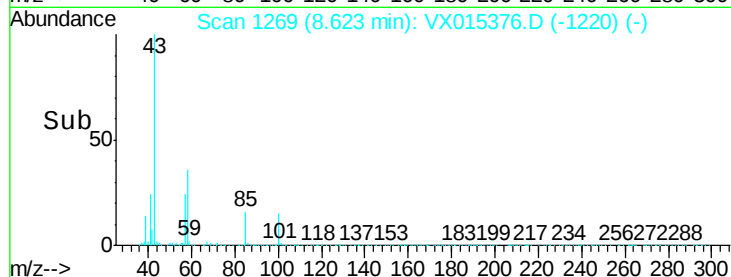
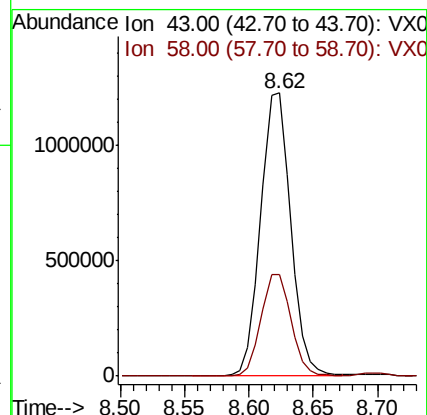
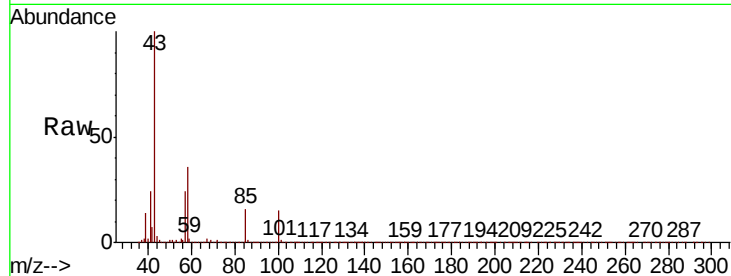
VX0327WBSD01

Tot Ion: 43 Resp: 1982373

Ion Ratio Lower Upper

43 100

58 36.1 29.7 44.5



#52

Toluene

Concen: 20.016 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015376.D

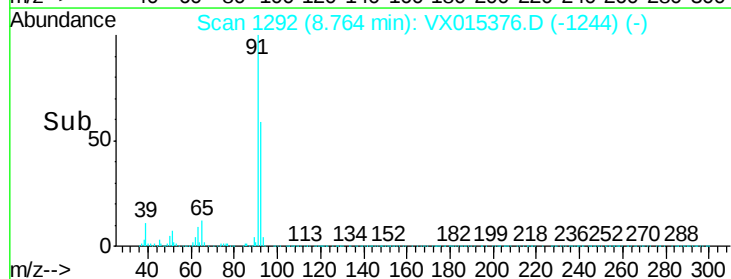
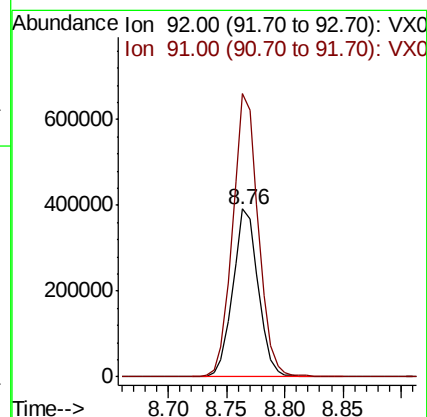
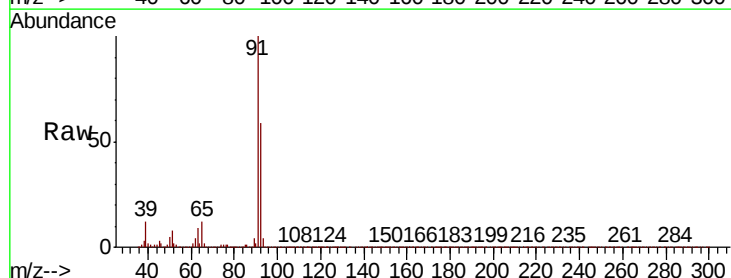
Acq: 27 Mar 2020 12:57

Tgt Ion: 92 Resp: 595542

Ion Ratio Lower Upper

92 100

91 169.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.482 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

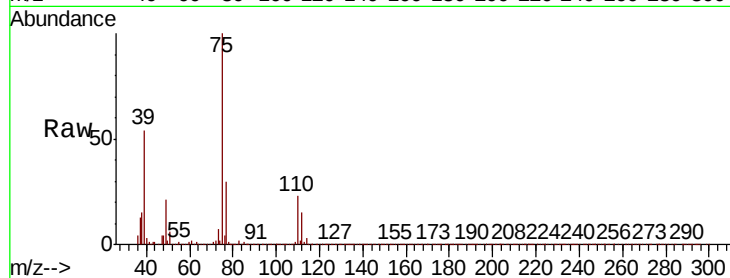
VX0327WBSD01

Tot Ion: 75 Resp: 421646

Ion Ratio Lower Upper

75 100

77 29.5 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

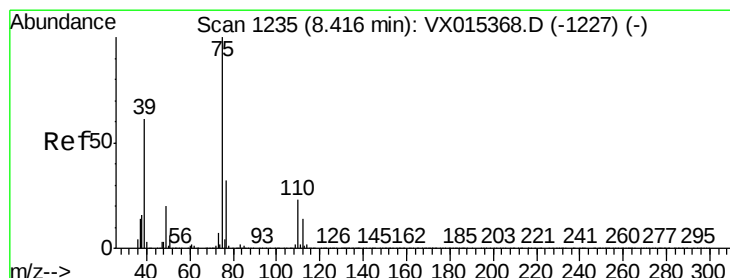
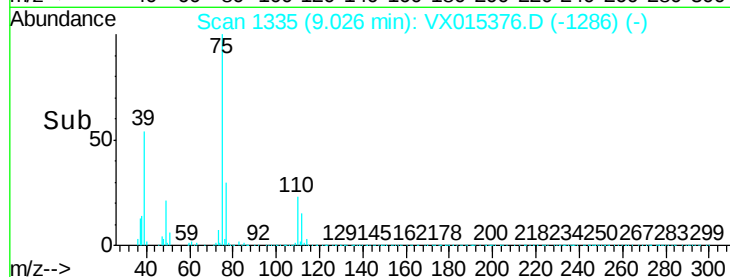
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.822 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

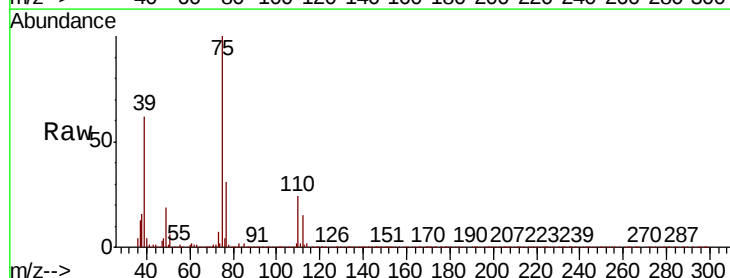
Tgt Ion: 75 Resp: 436995

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

39 61.8 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

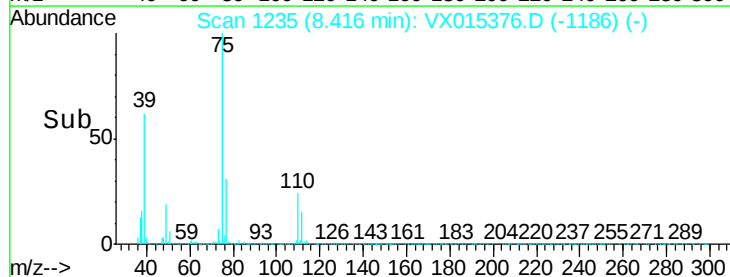
300000

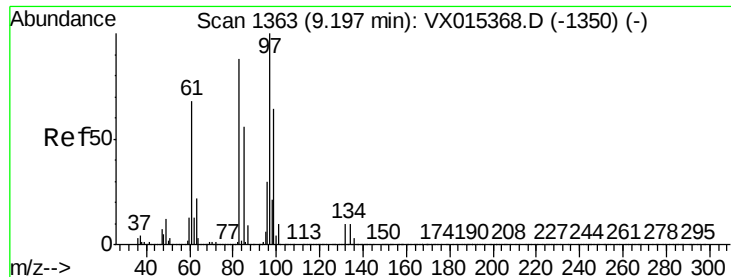
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.547 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

Tot Ion: 97 Resp: 238281

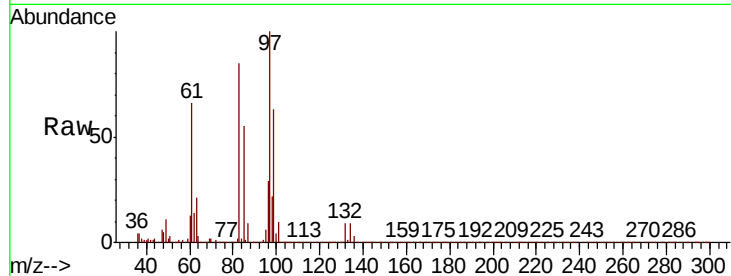
Ion Ratio Lower Upper

97 100

83 85.1 70.2 105.4

85 55.0 44.7 67.1

99 63.2 51.1 76.7



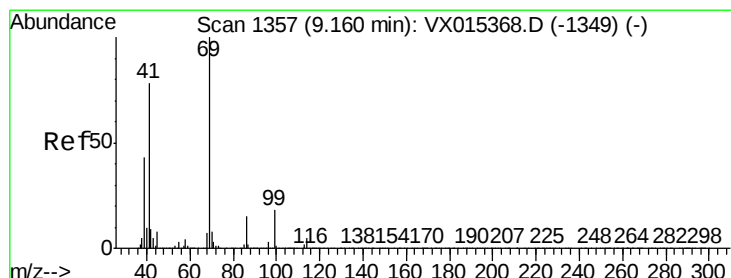
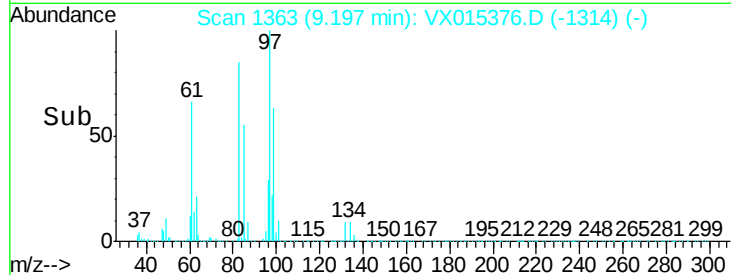
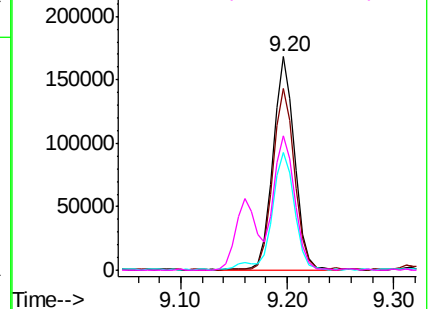
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.062 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

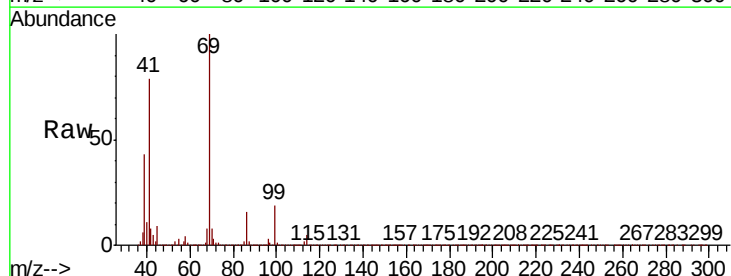
Tgt Ion: 69 Resp: 409526

Ion Ratio Lower Upper

69 100

41 77.1 61.6 92.4

39 43.3 34.0 51.0

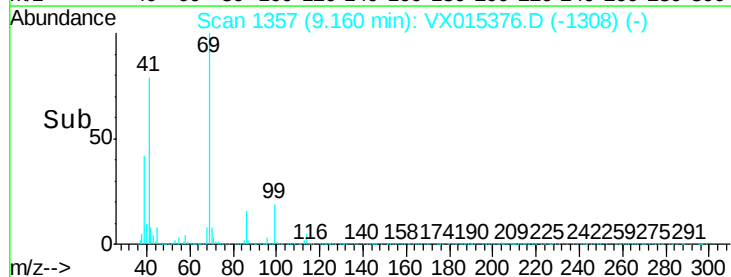
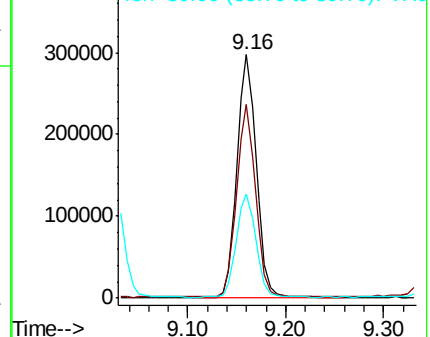


Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.027 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

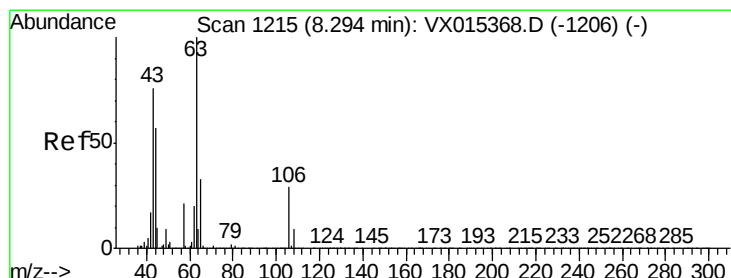
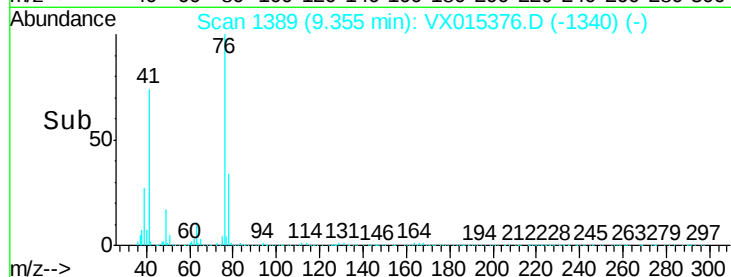
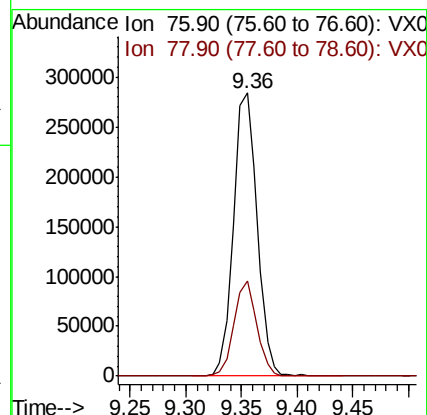
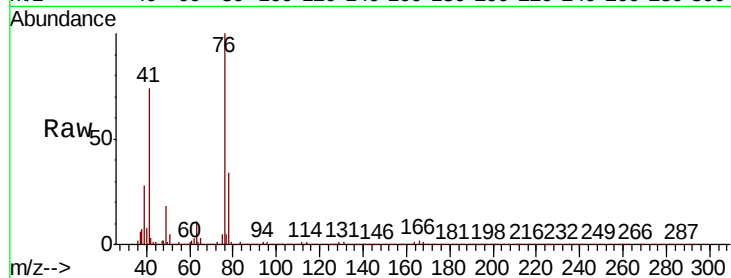
VX0327WBSD01

Tot Ion: 76 Resp: 417885

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 97.056 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015376.D

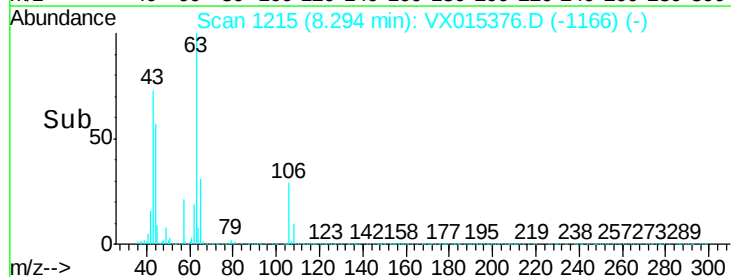
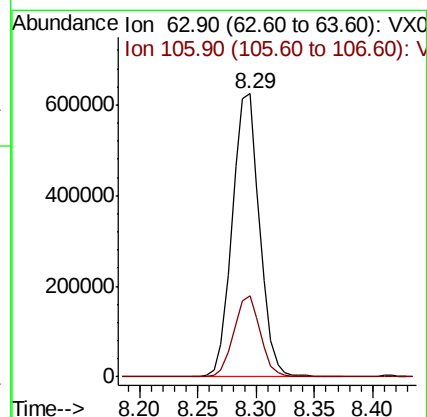
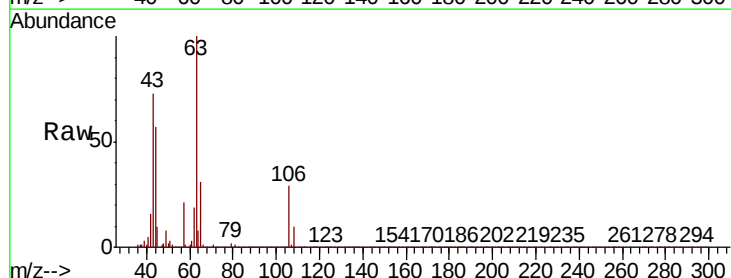
Acq: 27 Mar 2020 12:57

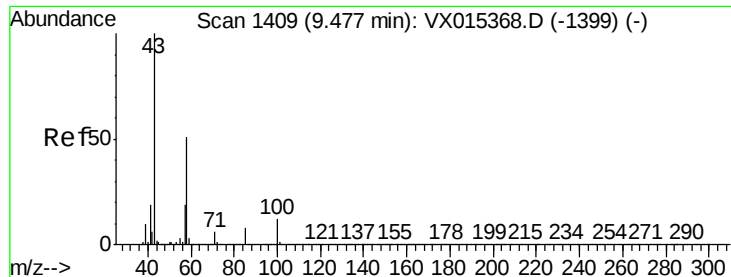
Tgt Ion: 63 Resp: 1014215

Ion Ratio Lower Upper

63 100

106 28.1 22.7 34.1

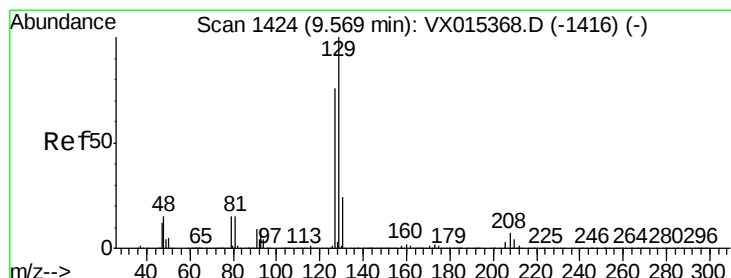
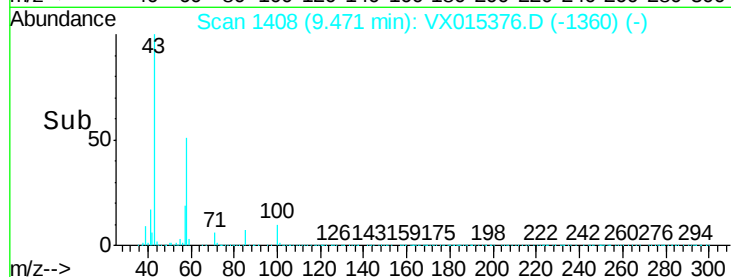
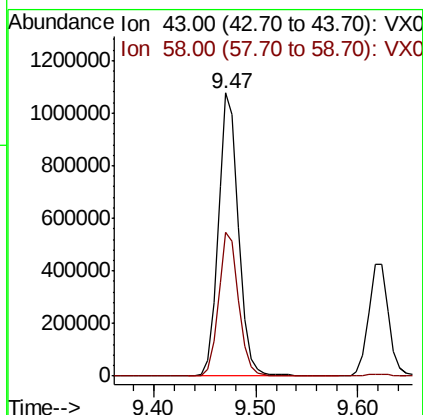
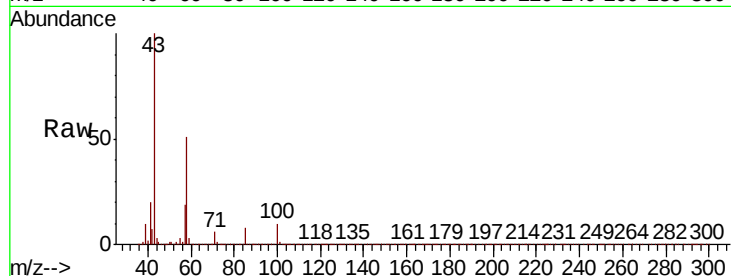




#59
2-Hexanone
Concen: 95.134 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

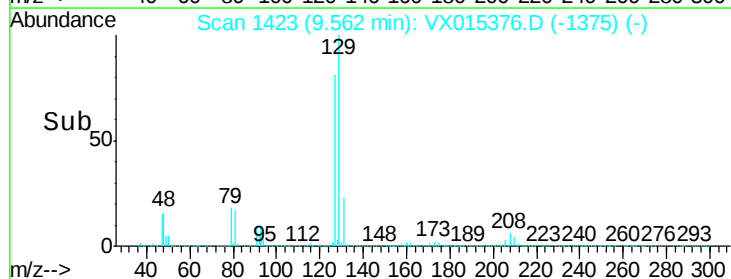
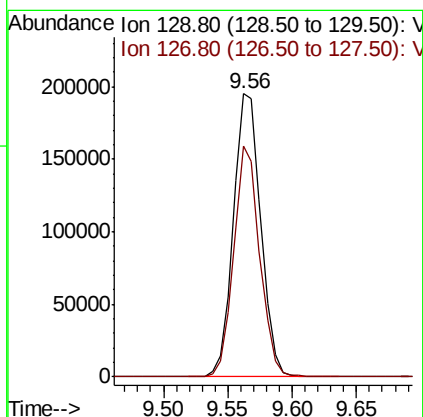
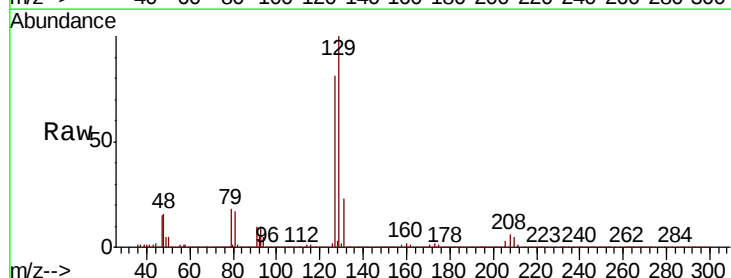
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

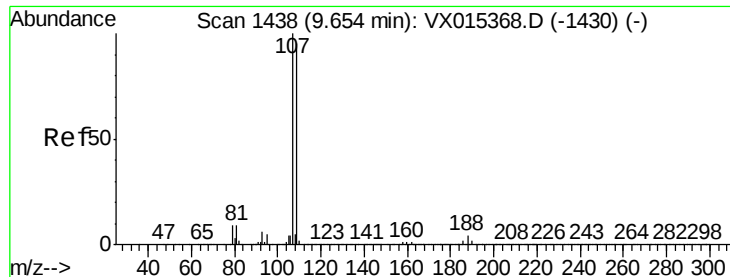
Tot Ion: 43 Resp: 1474021
Ion Ratio Lower Upper
43 100
58 51.1 25.6 76.6



#60
Dibromochloromethane
Concen: 19.693 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion: 129 Resp: 288461
Ion Ratio Lower Upper
129 100
127 77.7 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.557 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

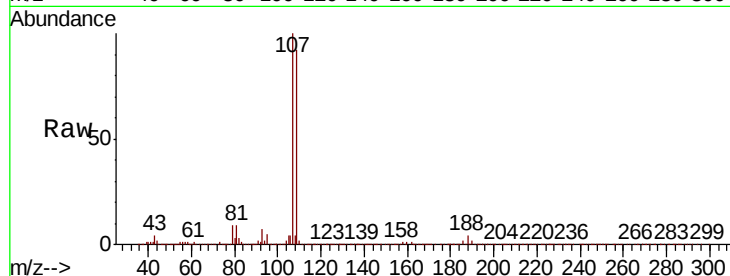
VX0327WBSD01

Tot Ion:107 Resp: 259224

Ion Ratio Lower Upper

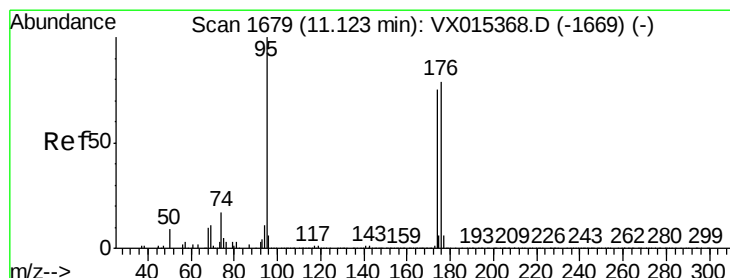
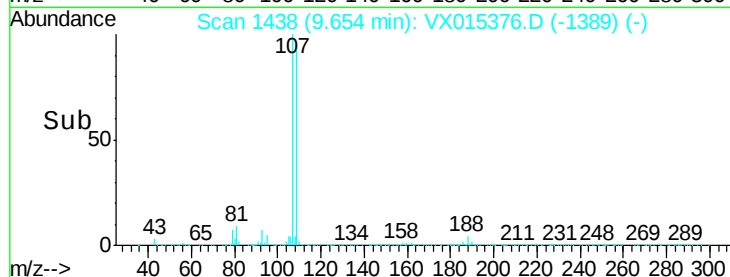
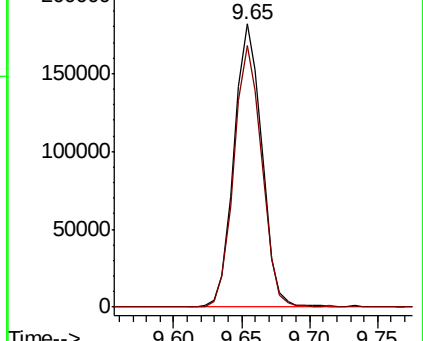
107 100

109 91.5 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: 48.625 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

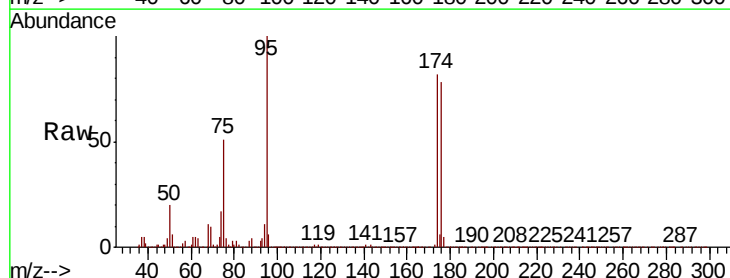
Tgt Ion: 95 Resp: 831584

Ion Ratio Lower Upper

95 100

174 79.8 0.0 158.6

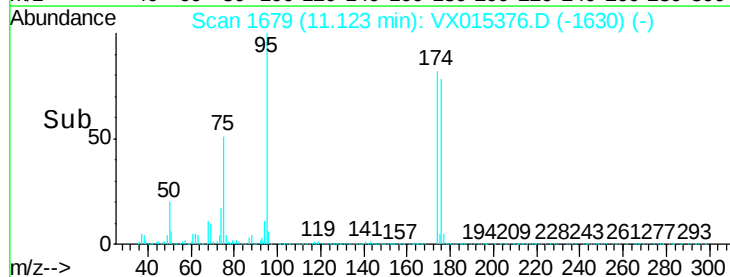
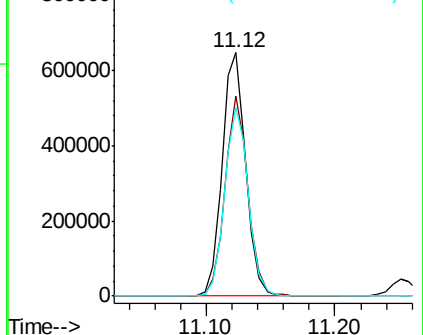
176 77.9 0.0 159.0

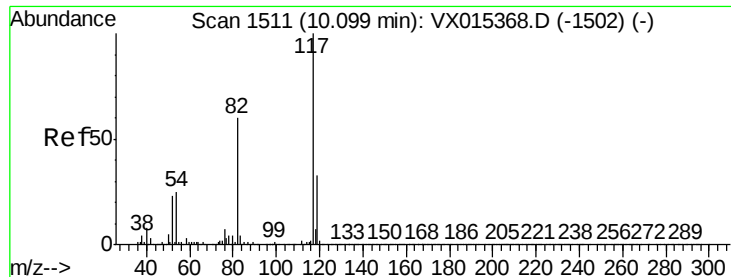


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

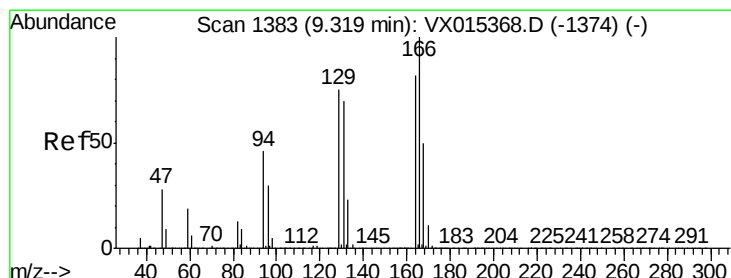
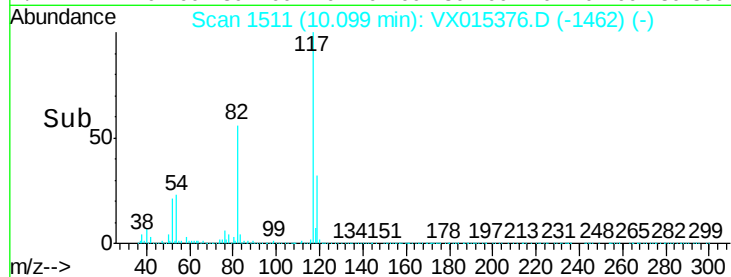
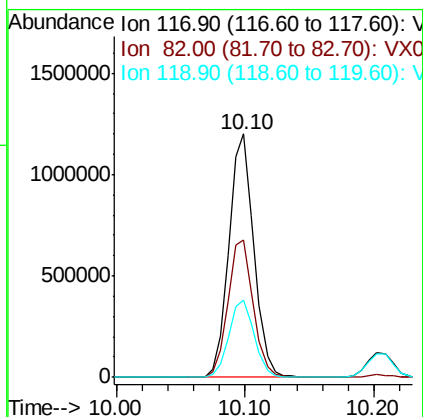
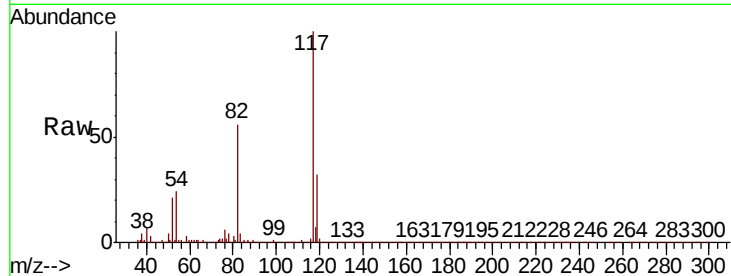




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

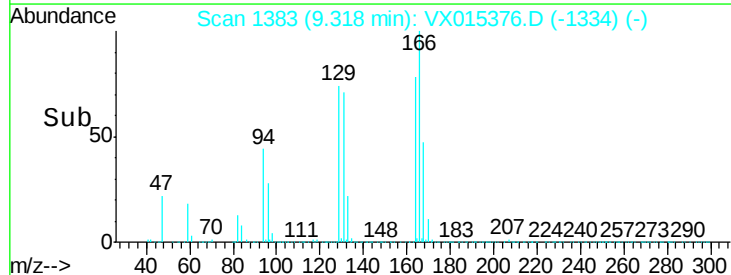
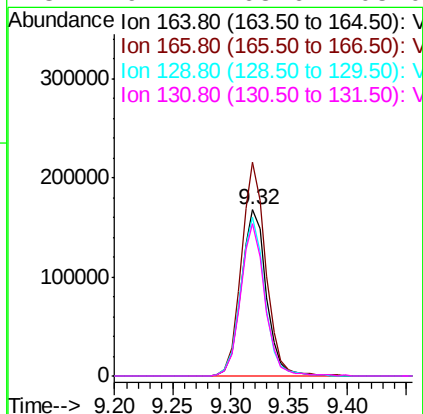
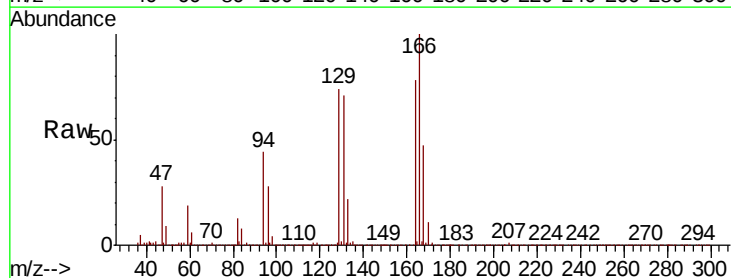
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

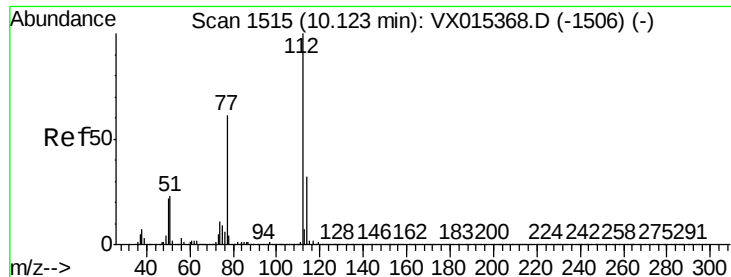
Tot Ion:117 Resp: 1626653
Ion Ratio Lower Upper
117 100
82 56.2 47.8 71.8
119 31.7 26.8 40.2



#64
Tetrachloroethene
Concen: 20.528 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion:164 Resp: 251998
Ion Ratio Lower Upper
164 100
166 128.4 97.8 146.6
129 95.5 73.0 109.4
131 91.7 68.6 103.0





#65

Chlorobenzene

Concen: 19.387 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

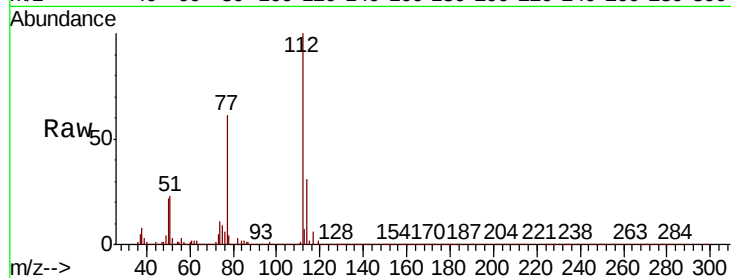
VX0327WBSD01

Tot Ion:112 Resp: 628917

Ion Ratio Lower Upper

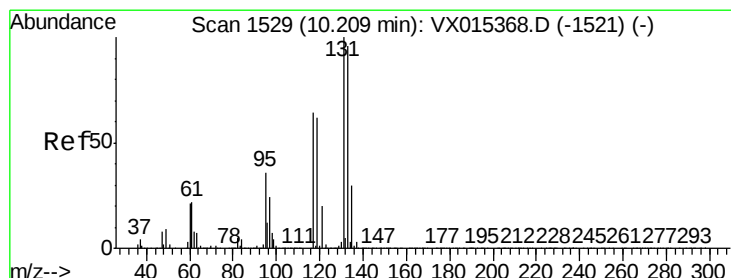
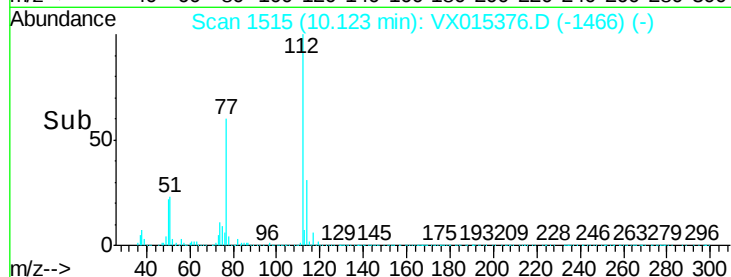
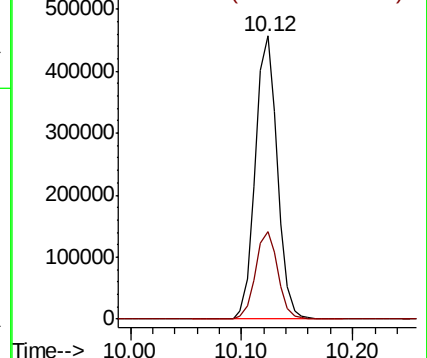
112 100

114 31.0 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.158 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

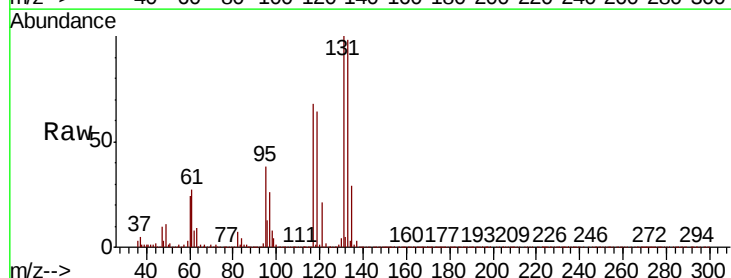
Tgt Ion:131 Resp: 248295

Ion Ratio Lower Upper

131 100

133 98.2 47.6 142.9

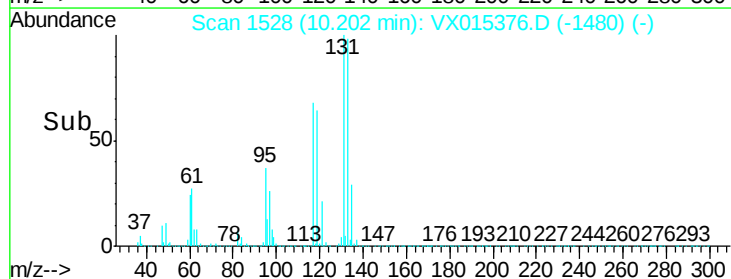
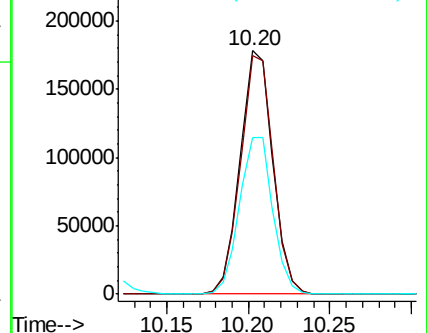
119 65.3 31.1 93.3

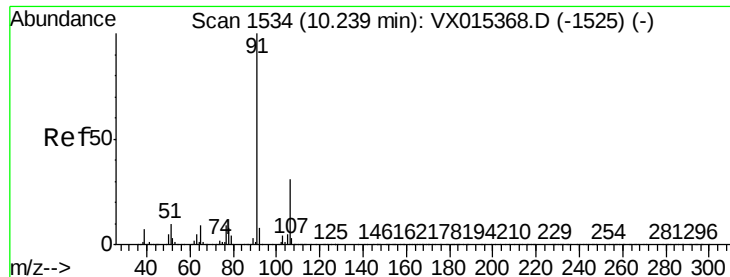


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.137 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

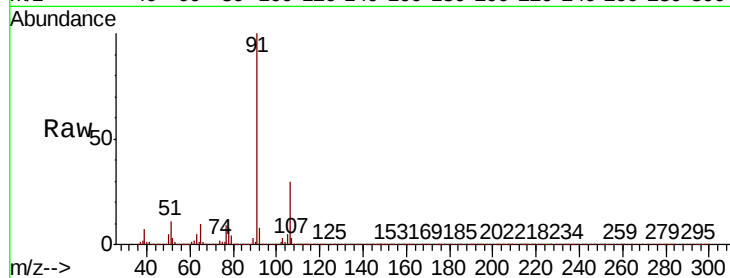
VX0327WBSD01

Tot Ion: 91 Resp: 1158601

Ion Ratio Lower Upper

91 100

106 30.4 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX015376.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX015376.D (-1485) (-)

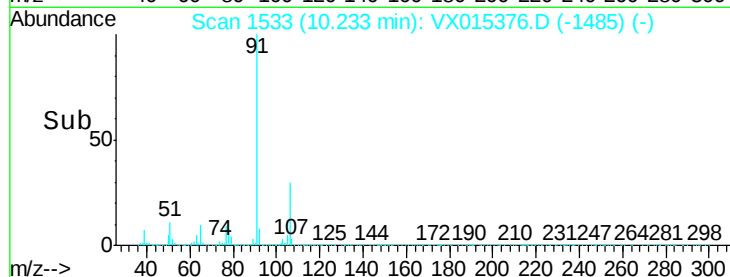
1500000

1000000

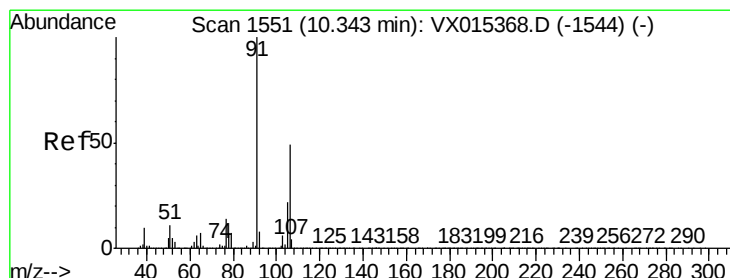
500000

0

10.20 10.30



Time-->



#68

m/p-Xylenes

Concen: 40.342 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015376.D

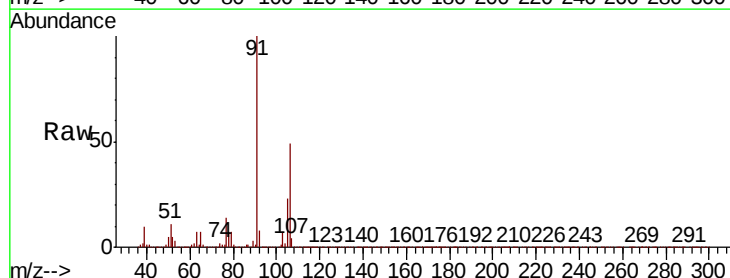
Acq: 27 Mar 2020 12:57

Tgt Ion: 106 Resp: 864305

Ion Ratio Lower Upper

106 100

91 204.1 163.4 245.0



Abundance Ion 106.00 (105.70 to 106.70): VX015376.D (-1502) (-)

Ion 91.00 (90.70 to 91.70): VX015376.D (-1502) (-)

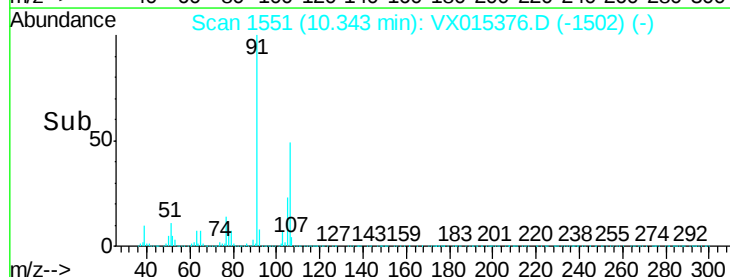
1500000

1000000

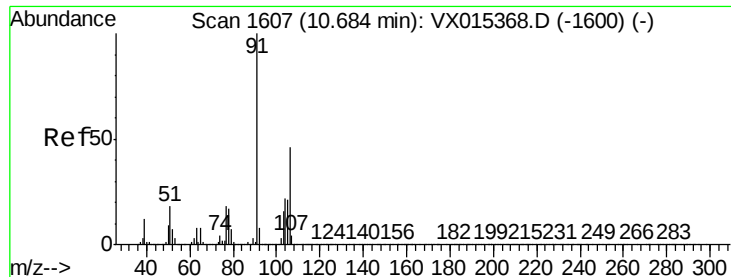
500000

0

10.30 10.40



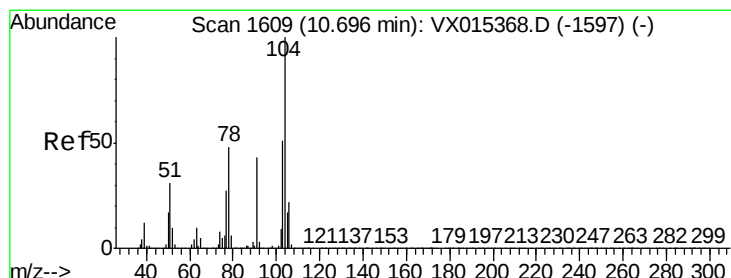
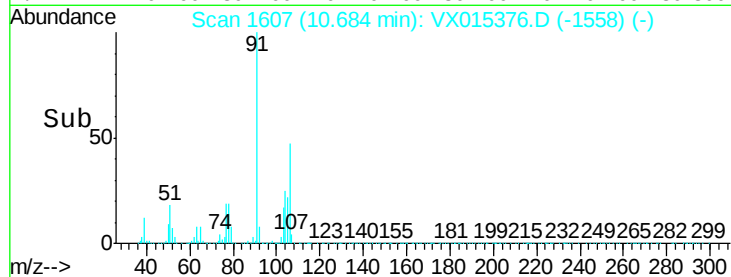
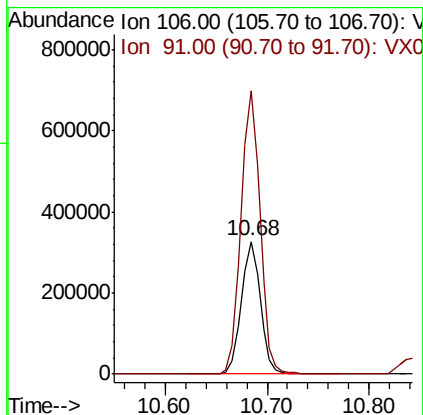
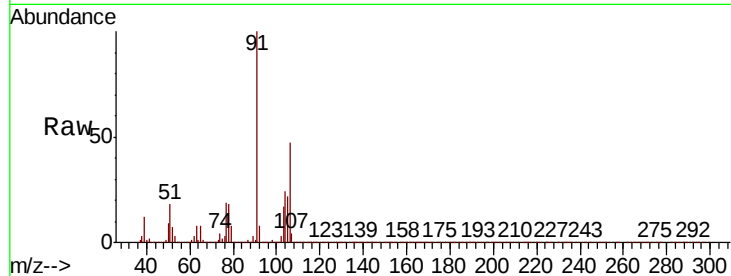
Time-->



#69
o-Xylene
Concen: 19.872 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

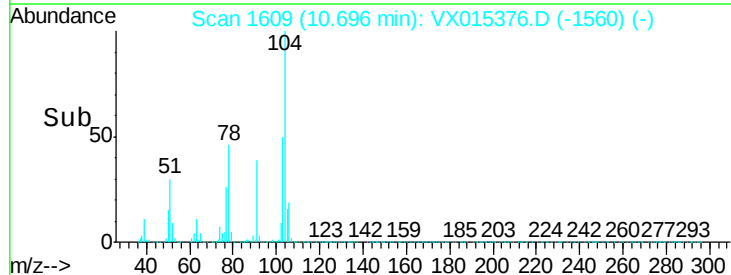
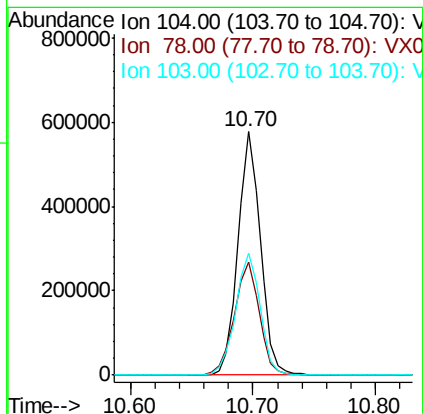
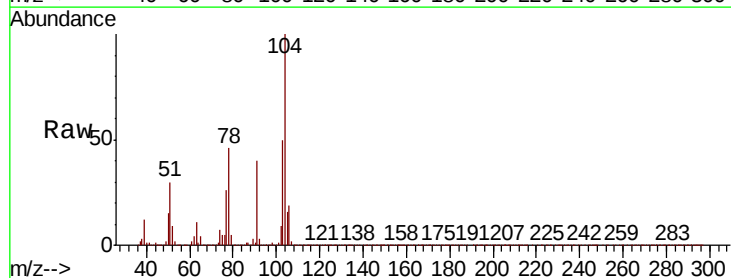
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

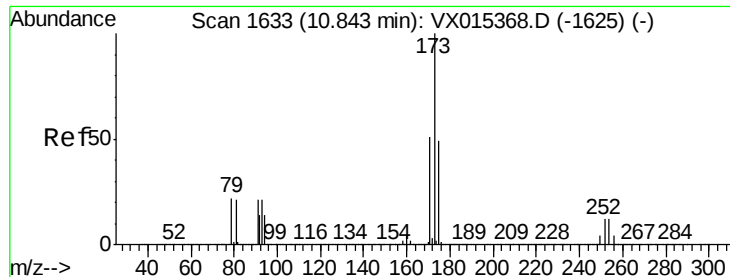
Tot Ion:106 Resp: 420705
Ion Ratio Lower Upper
106 100
91 213.9 107.1 321.3



#70
Styrene
Concen: 19.583 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion:104 Resp: 729531
Ion Ratio Lower Upper
104 100
78 51.8 42.0 63.0
103 54.8 43.4 65.0

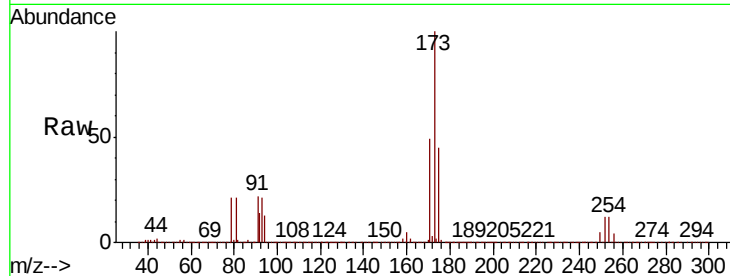




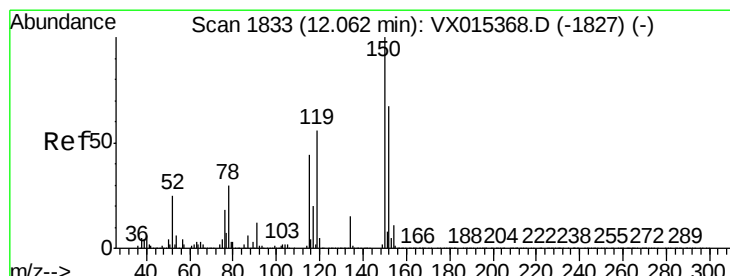
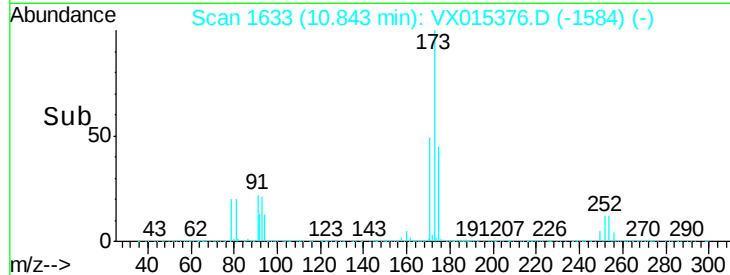
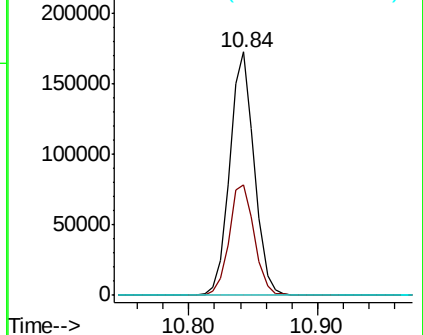
#71
Bromoform
Concen: 19.345 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion:173 Resp: 228237
Ion Ratio Lower Upper
173 100
175 46.6 23.9 71.7
254 0.4 0.1 0.1#

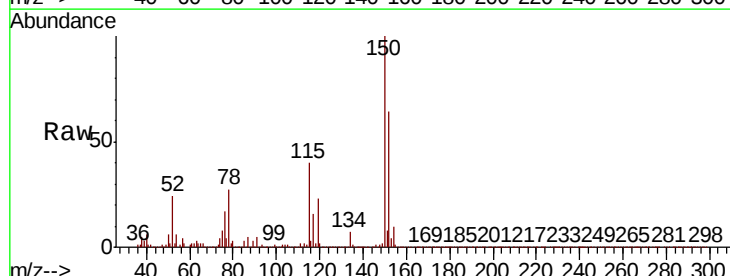


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

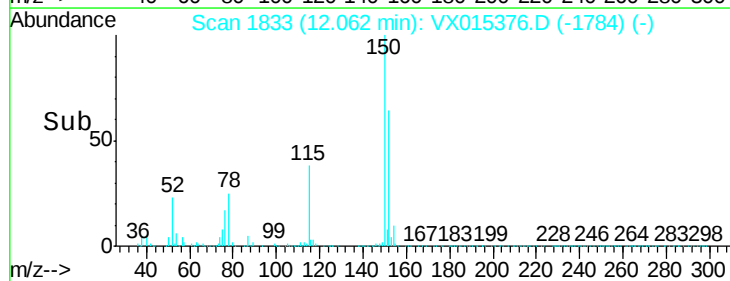
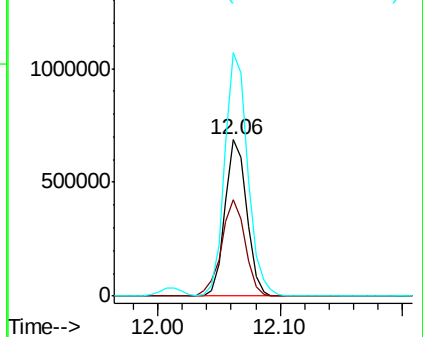


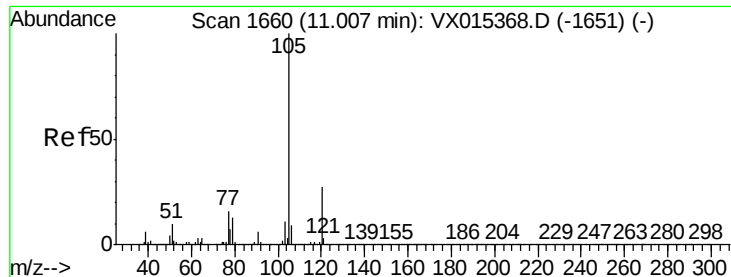
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion:152 Resp: 842049
Ion Ratio Lower Upper
152 100
115 67.6 39.0 116.9
150 164.4 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: 20.531 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

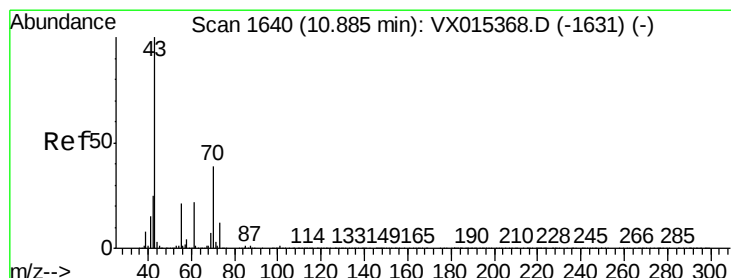
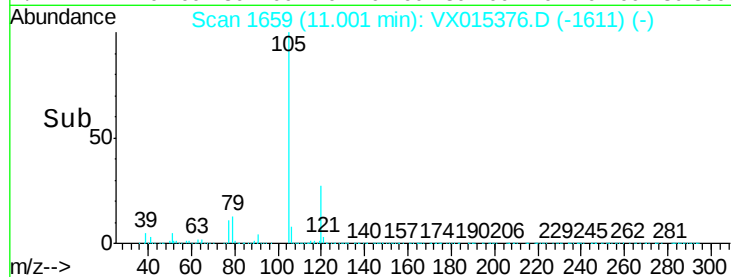
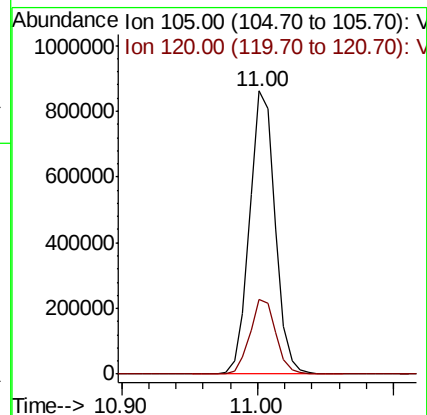
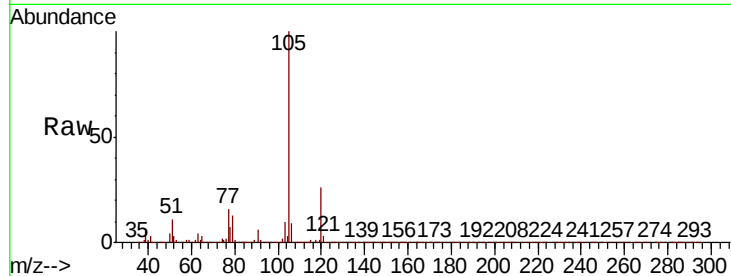
VX0327WBSD01

Tot Ion:105 Resp: 1132731

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 18.643 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Tgt Ion: 43 Resp: 572083

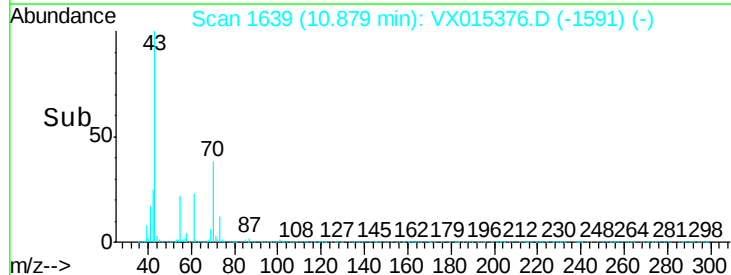
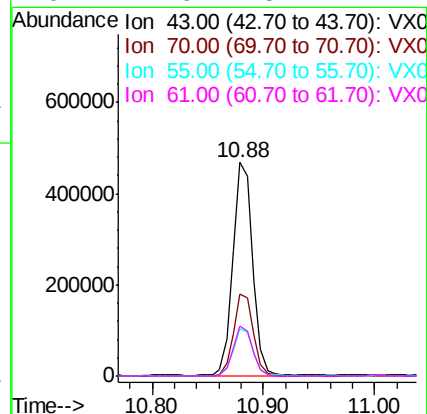
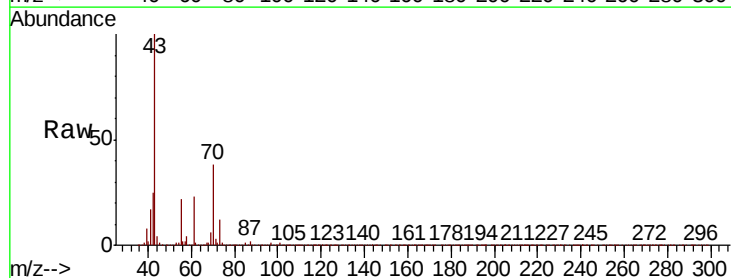
Ion Ratio Lower Upper

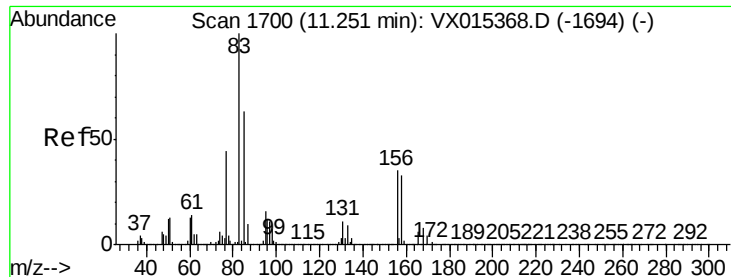
43 100

70 38.2 30.2 45.4

55 21.4 16.8 25.2

61 22.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.059 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

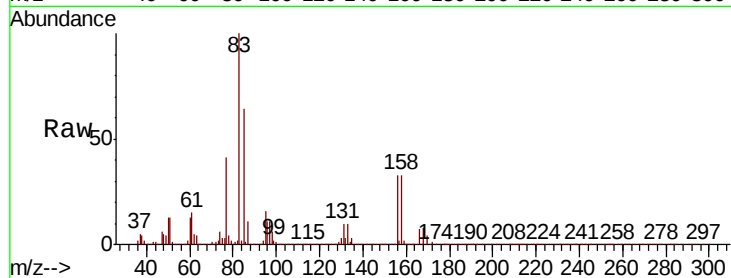
Tot Ion: 83 Resp: 360825

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

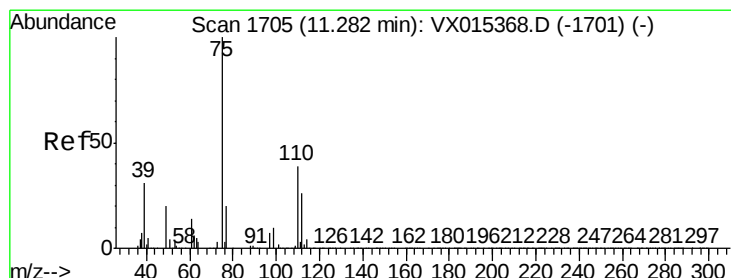
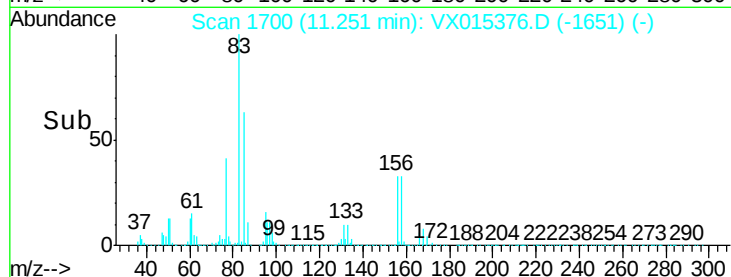
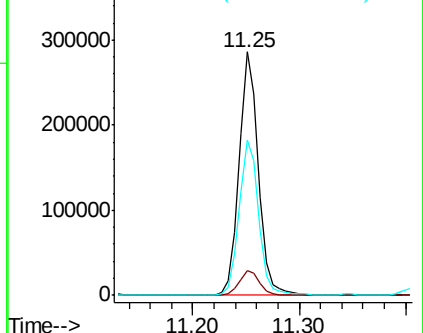
85 64.8 32.0 96.0



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: 25.424 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015376.D

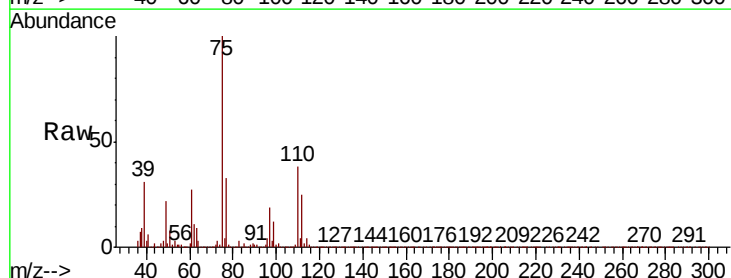
Acq: 27 Mar 2020 12:57

Tgt Ion: 75 Resp: 440247

Ion Ratio Lower Upper

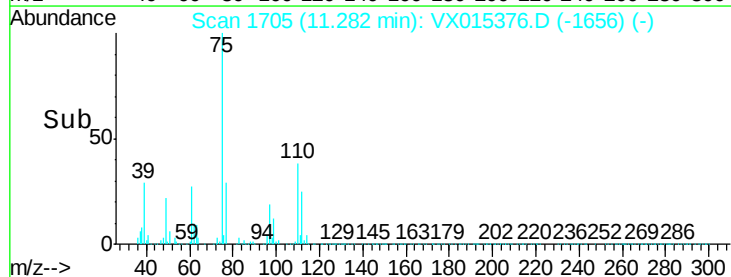
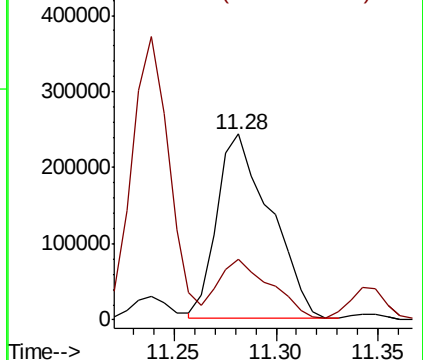
75 100

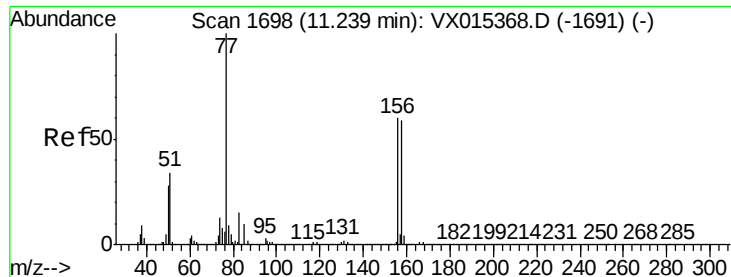
77 32.1 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.598 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

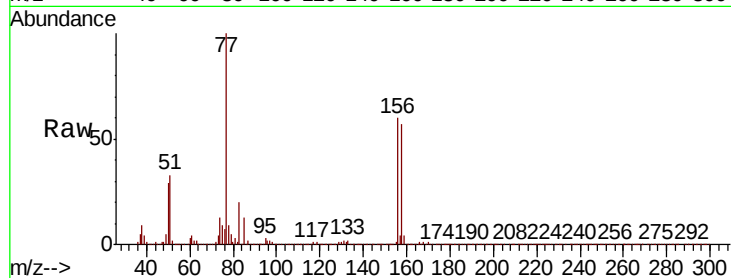
Tot Ion:156 Resp: 288416

Ion Ratio Lower Upper

156 100

77 165.3 82.2 246.5

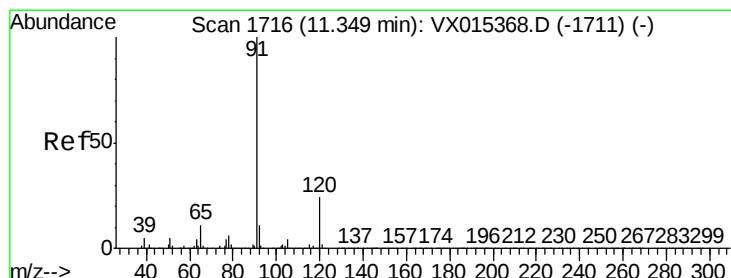
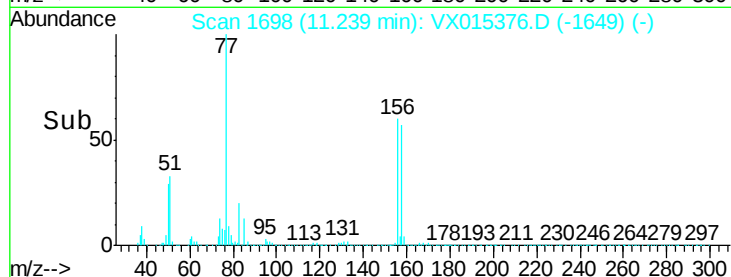
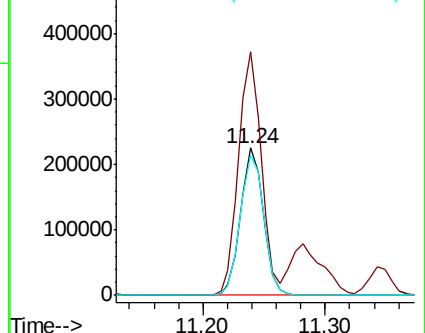
158 98.4 49.3 147.9



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: 20.475 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015376.D

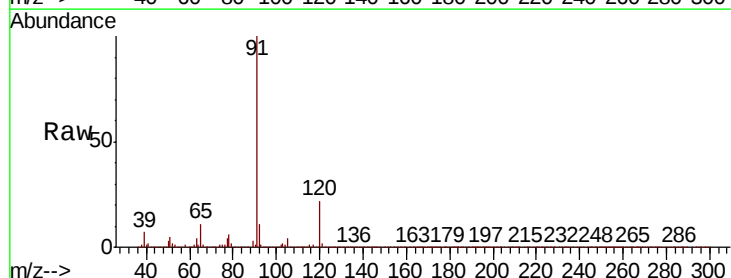
Acq: 27 Mar 2020 12:57

Tgt Ion: 91 Resp: 1291742

Ion Ratio Lower Upper

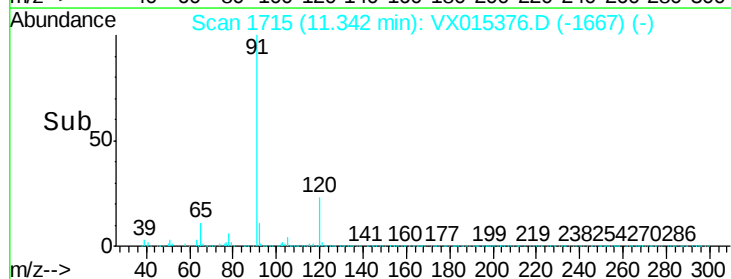
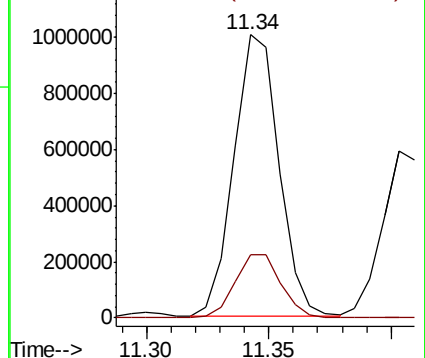
91 100

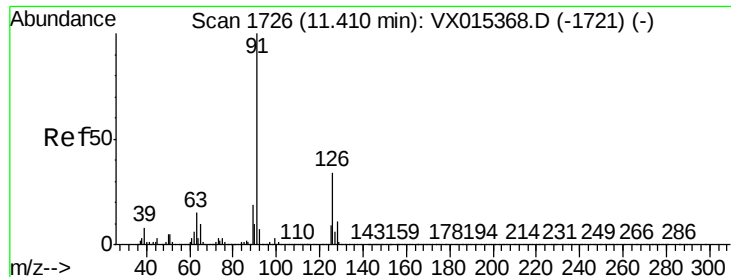
120 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

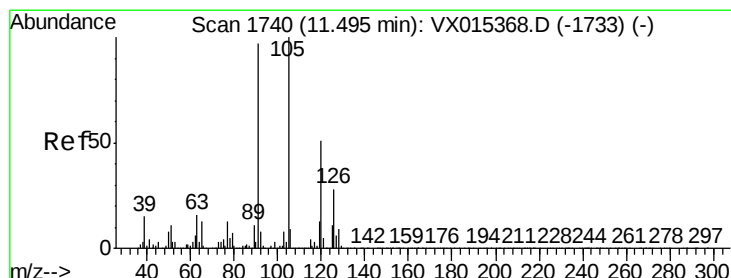
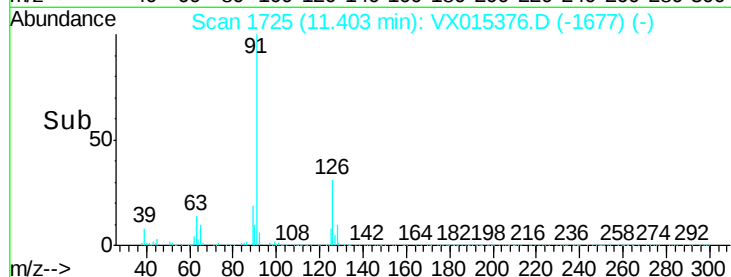
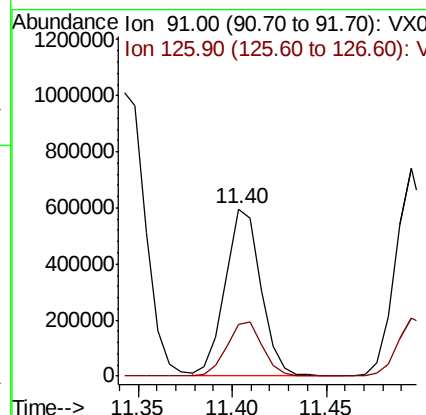
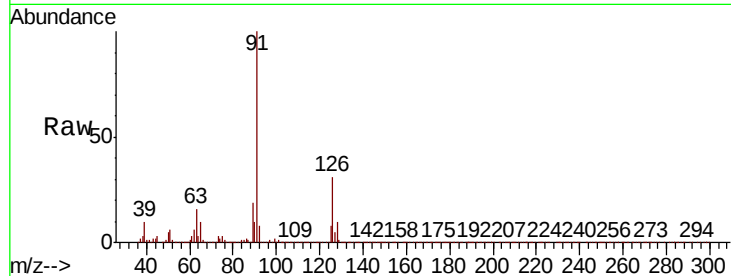




#79
2-Chlorotoluene
Concen: 20.088 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

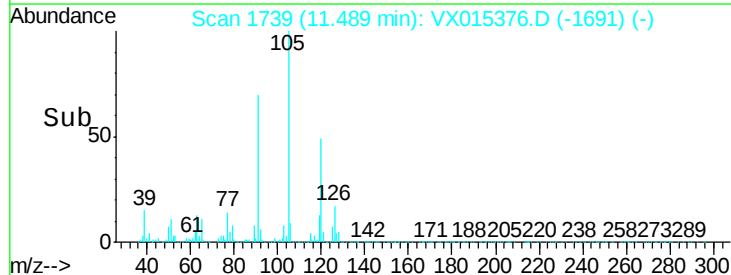
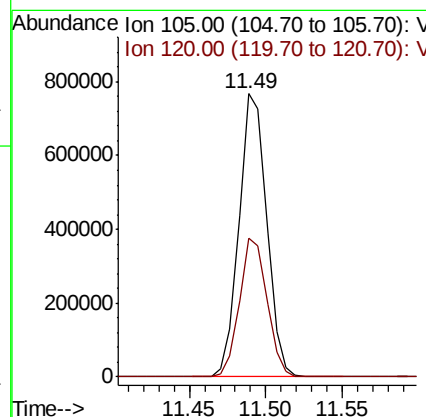
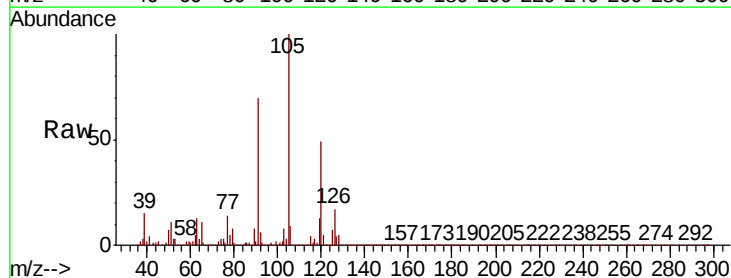
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

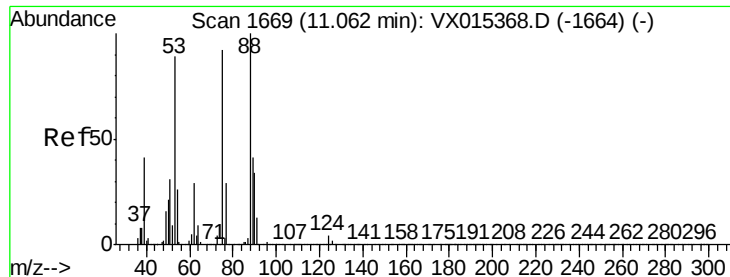
Tot Ion: 91 Resp: 776780
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 20.391 ug/l
RT: 11.49 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion: 105 Resp: 960790
Ion Ratio Lower Upper
105 100
120 49.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.689 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

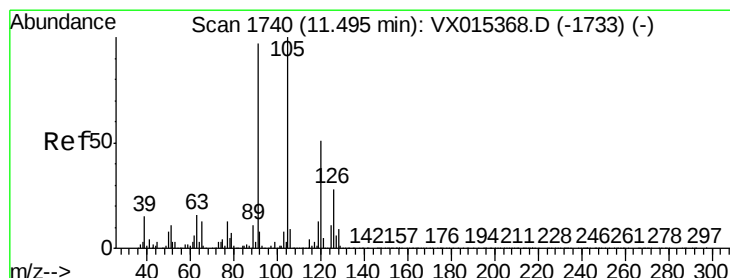
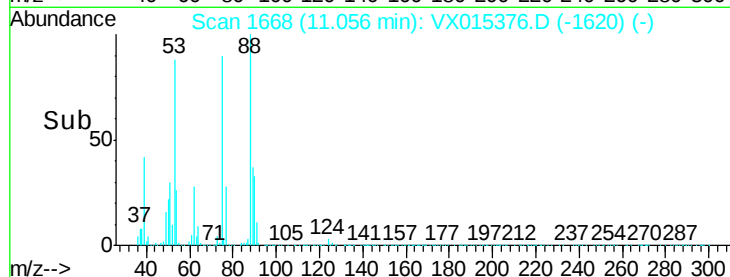
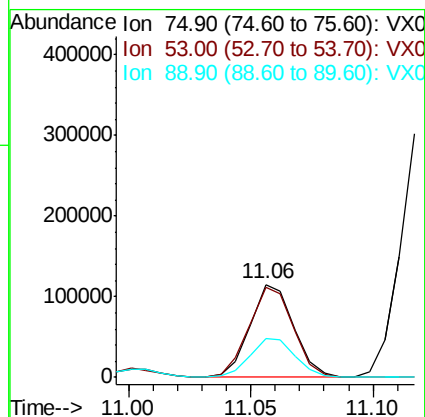
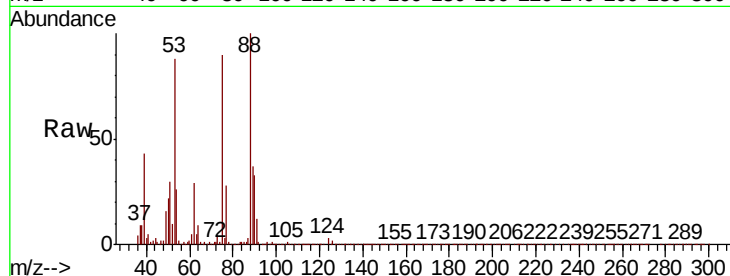
Tot Ion: 75 Resp: 142087

Ion Ratio Lower Upper

75 100

53 99.6 80.1 120.1

89 42.9 36.1 54.1



#82

4-Chlorotoluene

Concen: 20.427 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015376.D

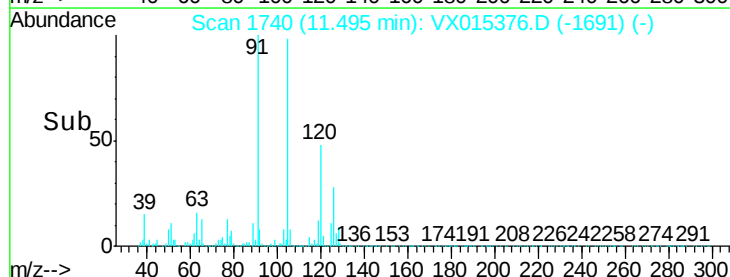
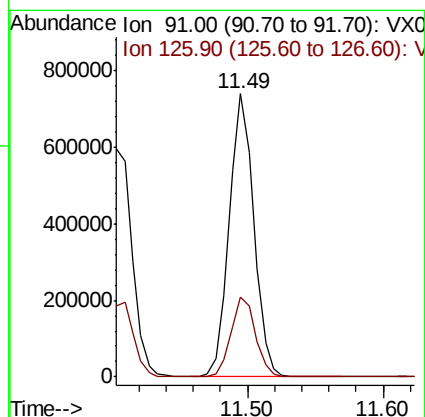
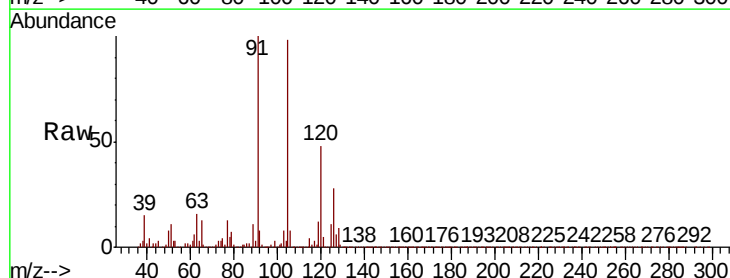
Acq: 27 Mar 2020 12:57

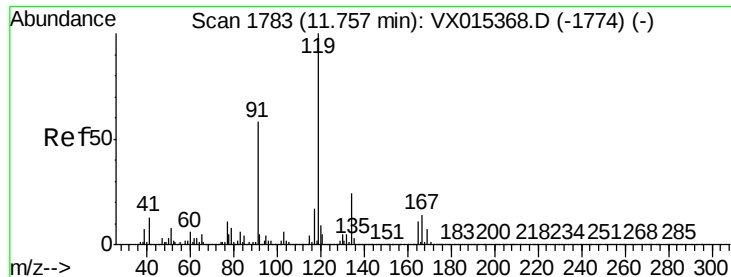
Tgt Ion: 91 Resp: 925972

Ion Ratio Lower Upper

91 100

126 28.4 14.7 44.1

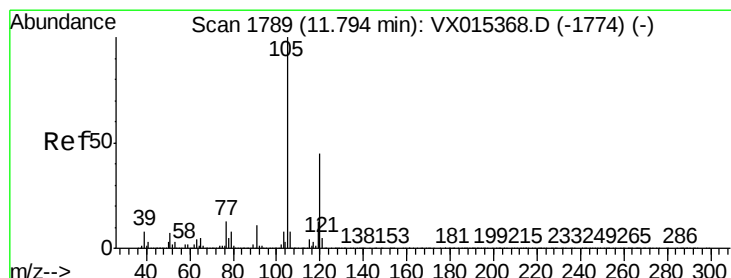
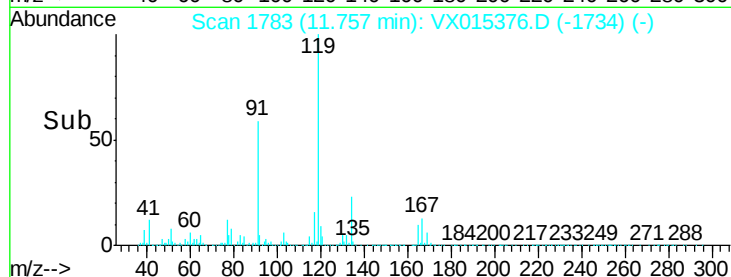
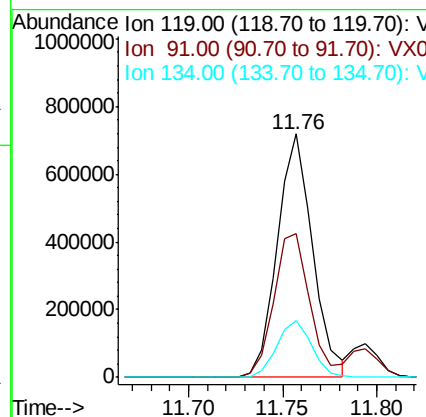
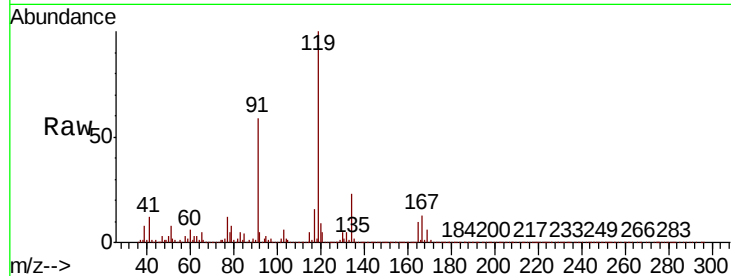




#83
 tert-Butylbenzene
 Concen: 20.248 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

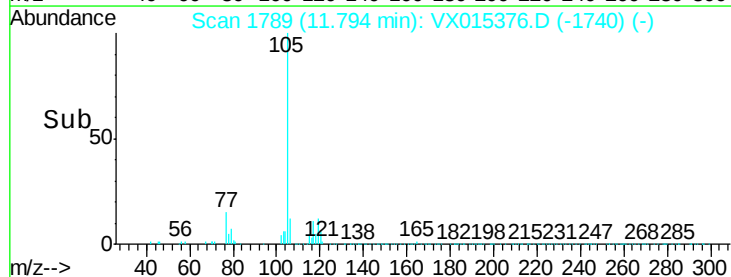
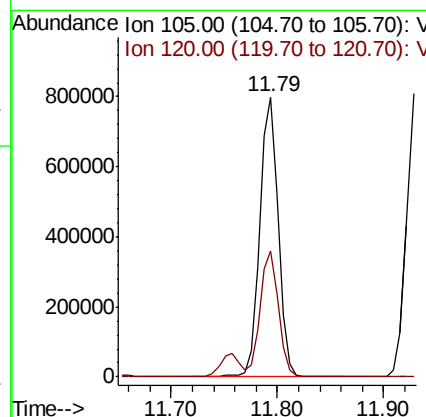
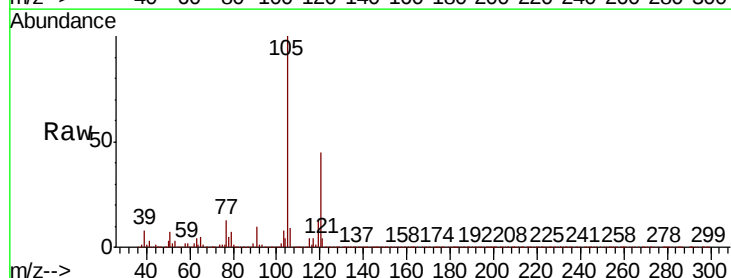
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

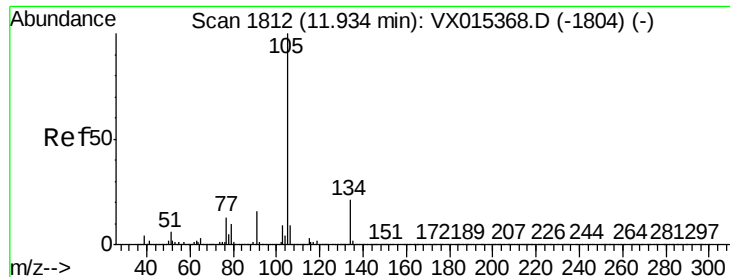
Tot Ion:119 Resp: 931941
 Ion Ratio Lower Upper
 119 100
 91 59.2 28.6 85.8
 134 23.1 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.137 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Tgt Ion:105 Resp: 966898
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.571 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

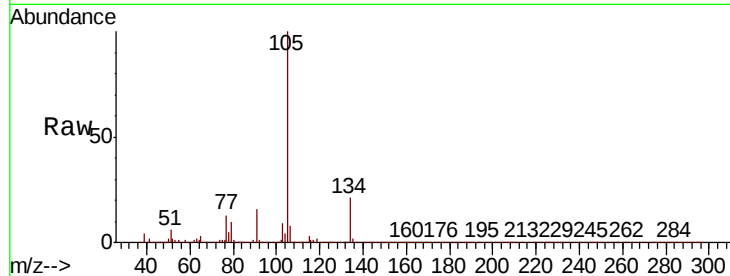
VX0327WBSD01

Tot Ion:105 Resp: 1095007

Ion Ratio Lower Upper

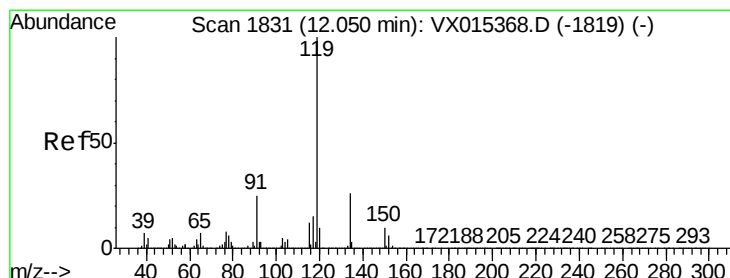
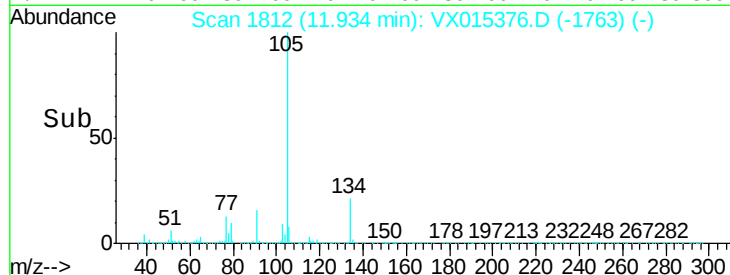
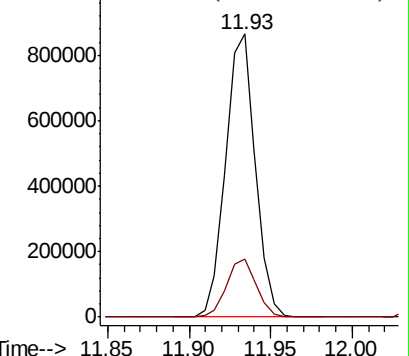
105 100

134 20.5 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: 21.016 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

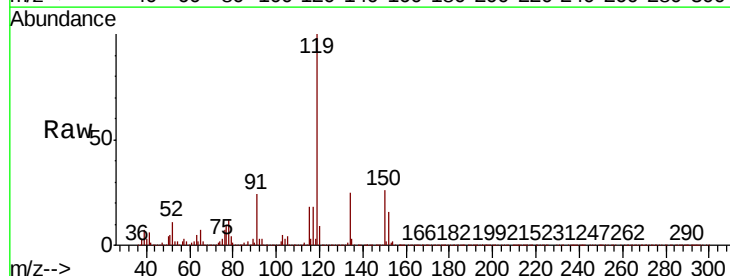
Tgt Ion:119 Resp: 1038539

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

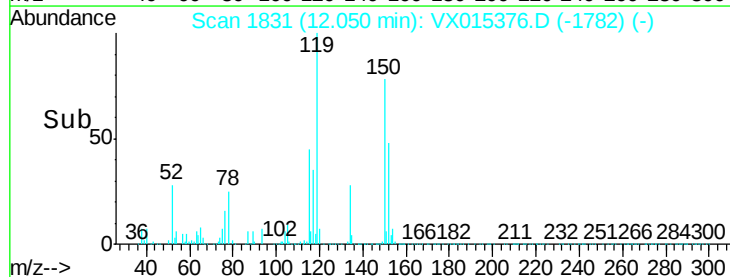
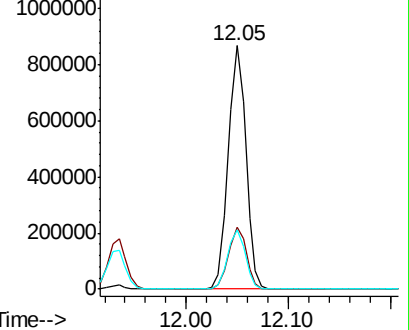
91 24.4 12.4 37.4

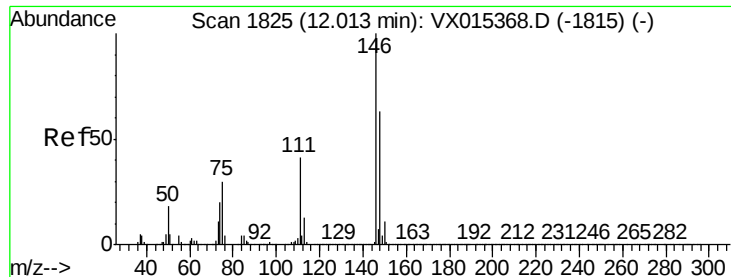


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.607 ug/l

RT: 12.01 min Scan# 1825

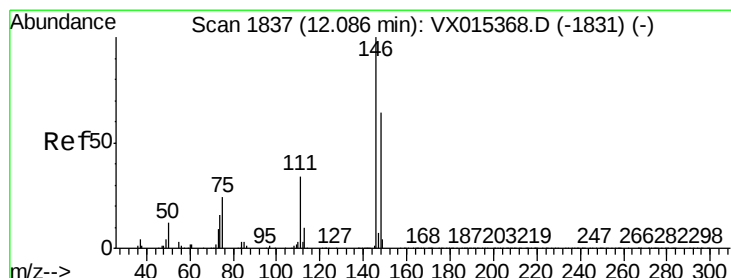
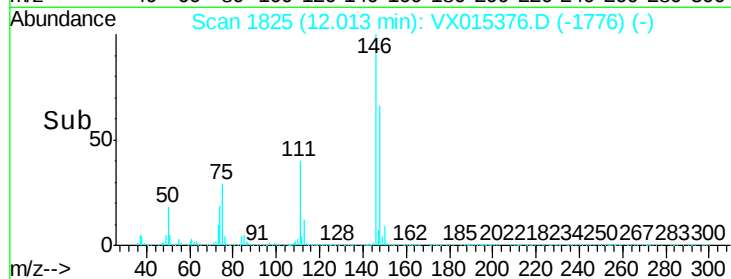
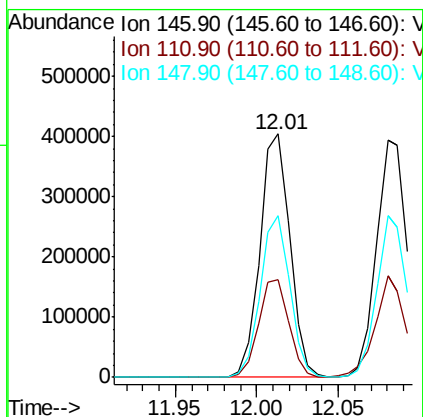
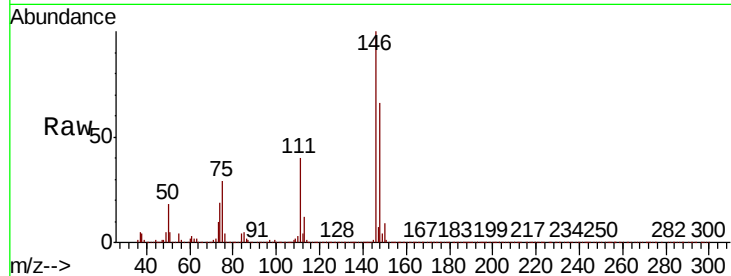
Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.9
148	65.5	31.3	93.9



#88

1,4-Dichlorobenzene

Concen: 19.304 ug/l

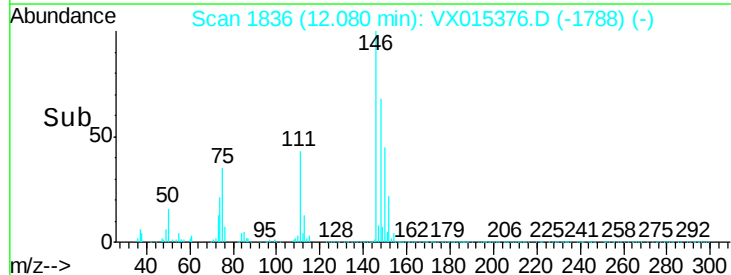
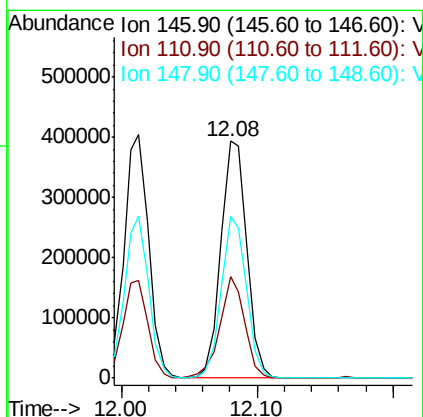
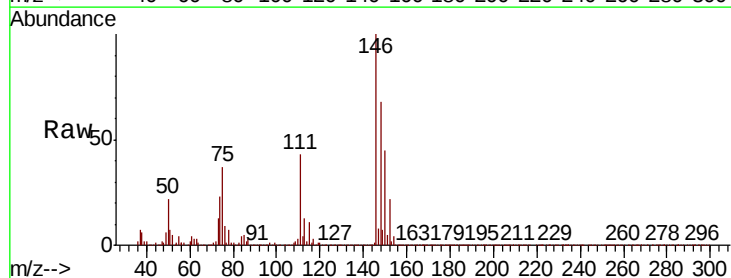
RT: 12.08 min Scan# 1836

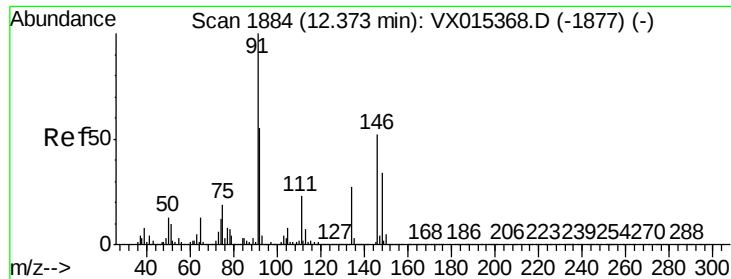
Delta R.T. -0.01 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.1	57.5
148	66.3	32.4	97.2

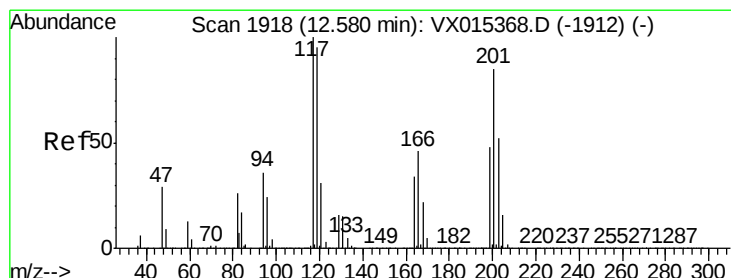
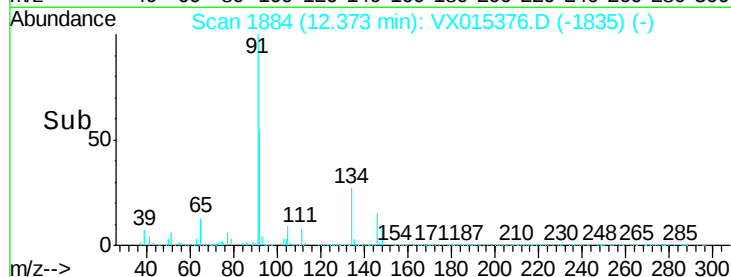
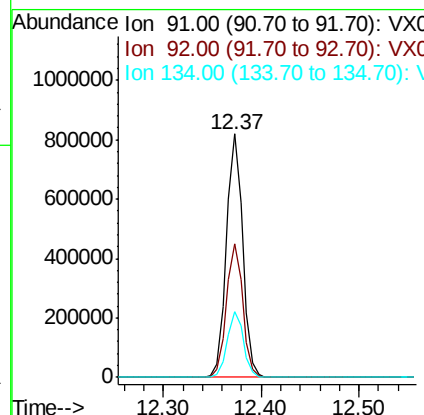
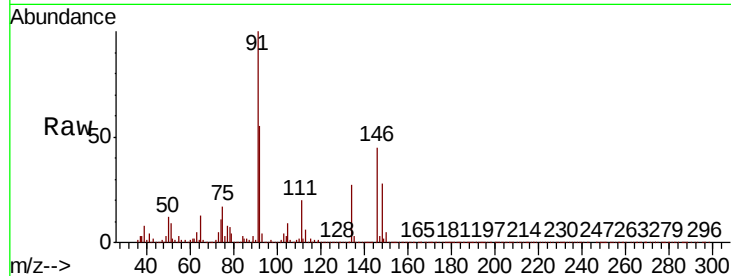




#89
n-Butylbenzene
Concen: 21.047 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

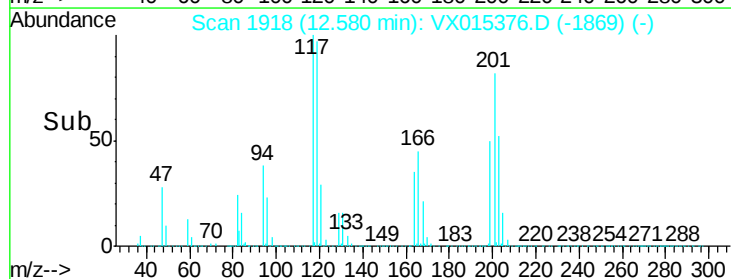
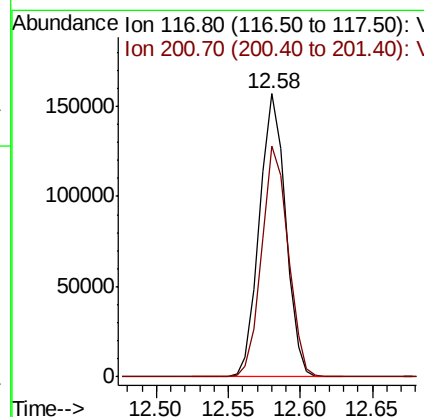
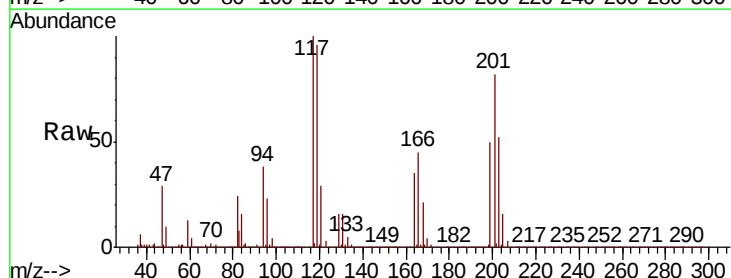
Instrument :
MSVOA_X
ClientSampleID :
VX0327WBSD01

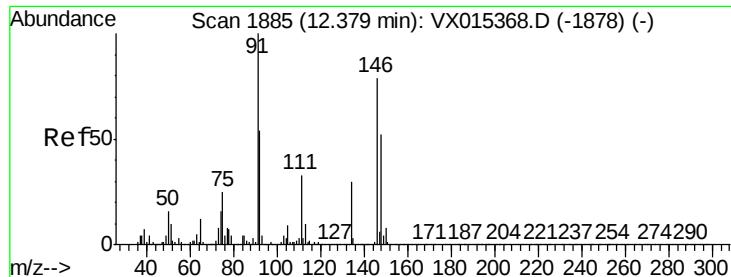
Tot Ion: 91 Resp: 939882
Ion Ratio Lower Upper
91 100
92 55.2 27.2 81.5
134 26.7 13.4 40.2



#90
Hexachloroethane
Concen: 20.403 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion: 117 Resp: 196240
Ion Ratio Lower Upper
117 100
201 82.2 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 19.457 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD01

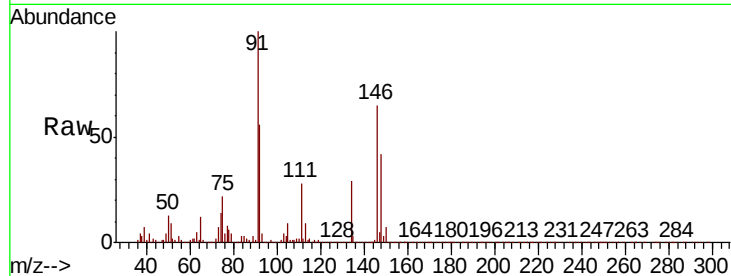
Tot Ion:146 Resp: 501665

Ion Ratio Lower Upper

146 100

111 42.8 21.0 63.0

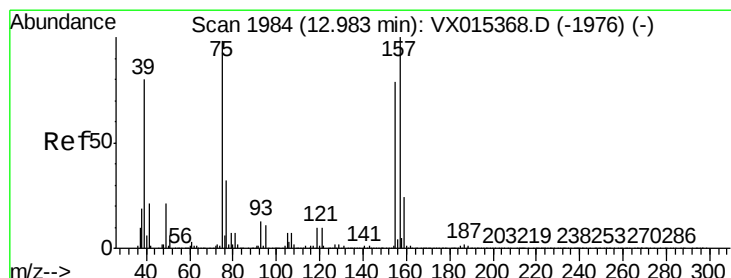
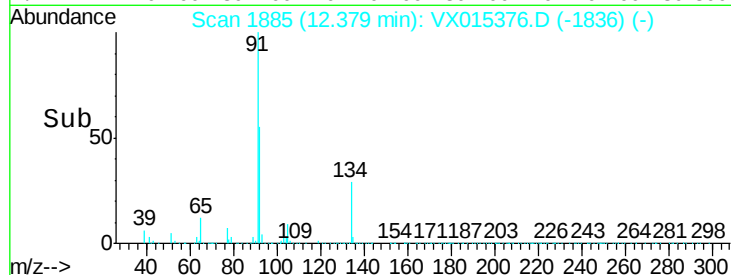
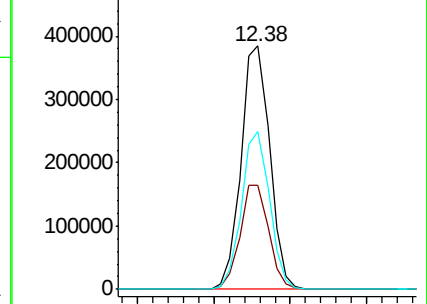
148 63.2 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.011 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015376.D

Acq: 27 Mar 2020 12:57

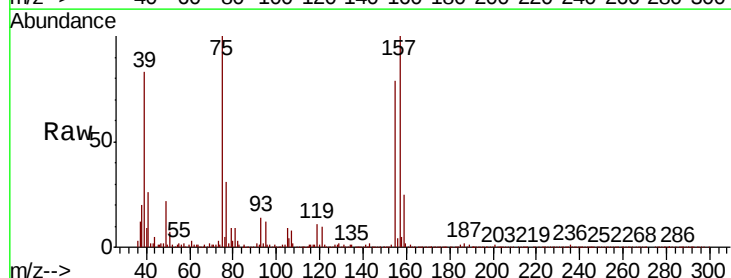
Tgt Ion: 75 Resp: 90894

Ion Ratio Lower Upper

75 100

155 84.5 42.8 128.4

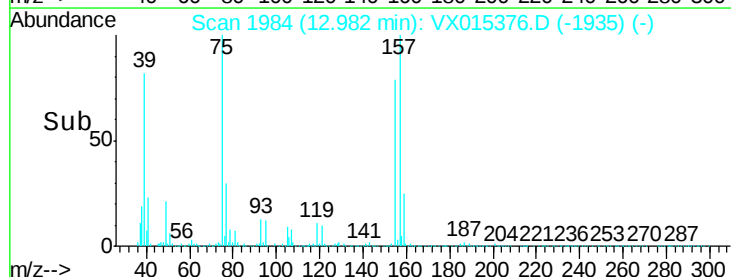
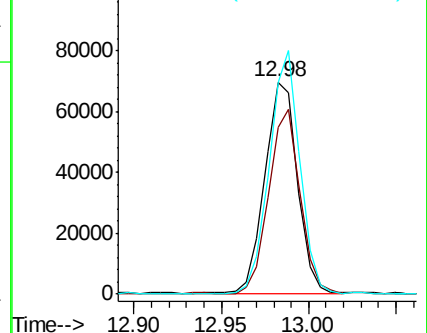
157 108.3 53.4 160.3

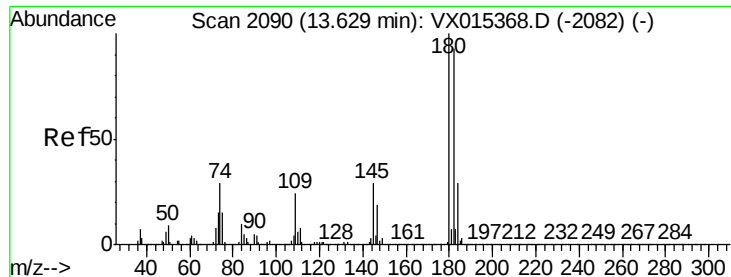


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

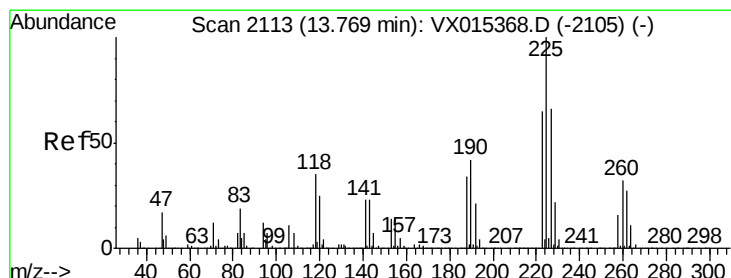
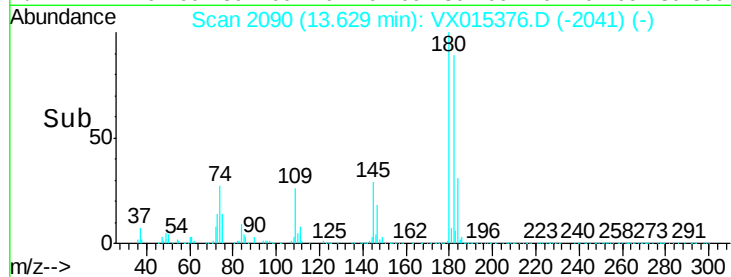
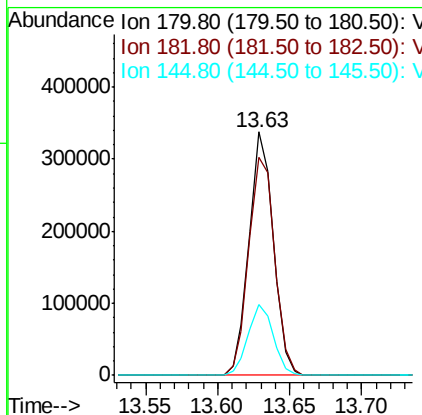
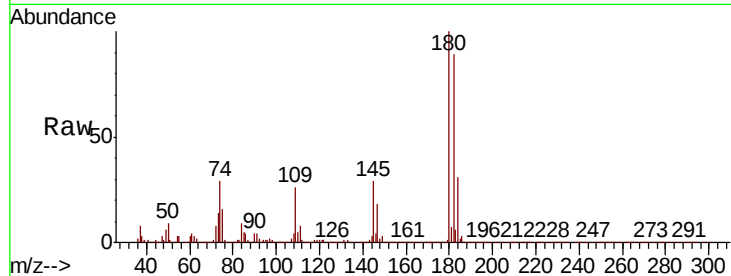




#93
 1,2,4-Trichlorobenzene
 Concen: 19.263 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

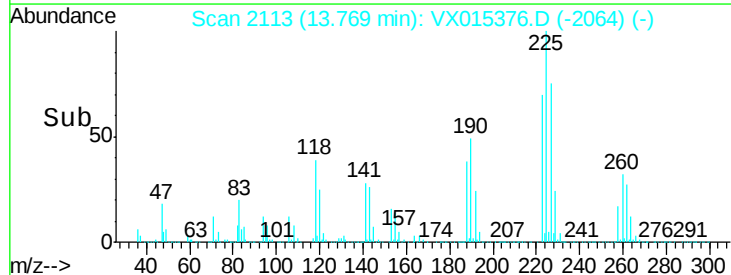
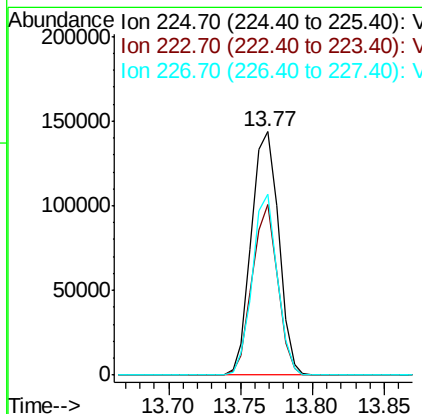
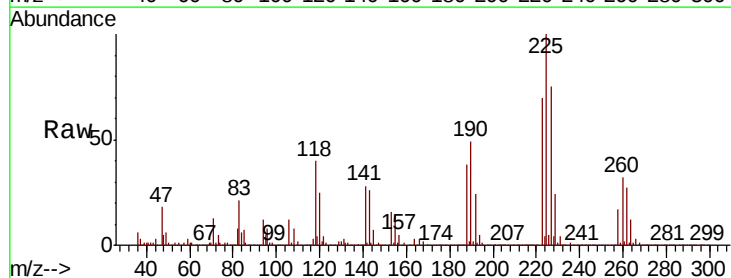
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.9	140.7
145	30.0	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 19.391 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015376.D
 Acq: 27 Mar 2020 12:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.9	95.7
227	68.3	30.4	91.3

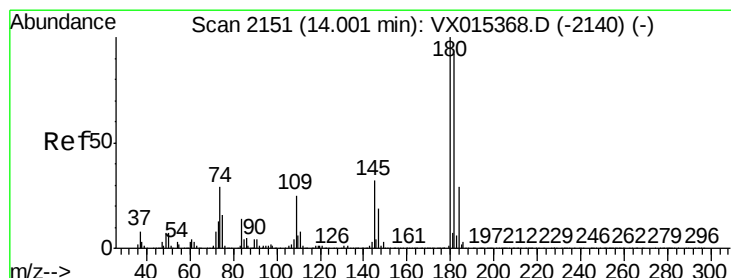
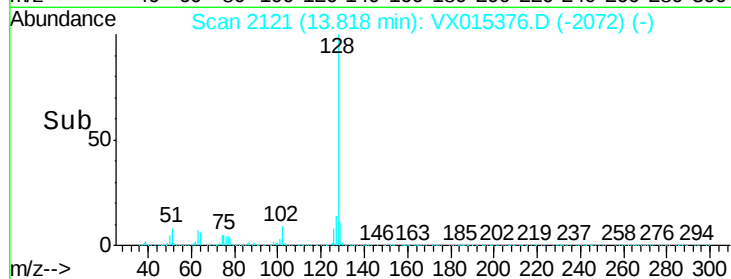
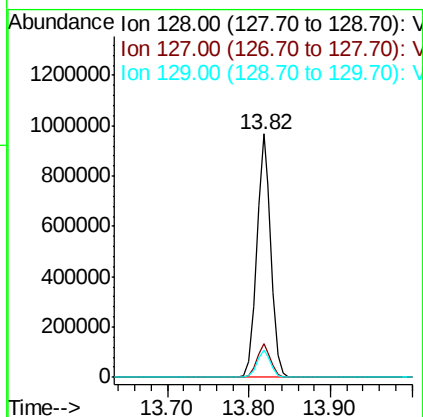
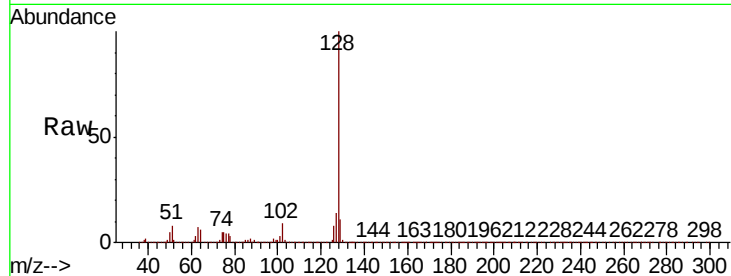




#95
Naphthalene
Concen: 18.996 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD01

Tot Ion:128 Resp: 1181744
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.114 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015376.D
Acq: 27 Mar 2020 12:57

Tgt Ion:180 Resp: 375318
Ion Ratio Lower Upper
180 100
182 97.4 46.7 140.0
145 32.7 15.8 47.3

