

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015640.D
 Acq On : 10 Apr 2020 22:21
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Apr 11 00:22:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	190761	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1061623	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	959509	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	448902	30.11	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.37%
60) 4-Bromofluorobenzene	11.12	95	498107	30.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.10%
63) Toluene-d8	8.70	98	1224230	30.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	149921	16.457	ug/l 99
3) Chloromethane	1.31	50	203838	18.130	ug/l 98
4) Vinyl Chloride	1.39	62	212868	19.681	ug/l 99
5) Bromomethane	1.63	94	157245	27.310	ug/l 100
6) Chloroethane	1.72	64	139857	20.726	ug/l 95
7) Trichlorofluoromethane	1.92	101	300466	19.439	ug/l 97
8) Diethyl Ether	2.17	74	128441	21.598	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	189203	18.502	ug/l 98
10) 1,1-Dichloroethene	2.36	96	196167	18.886	ug/l 97
11) Methyl Iodide	2.49	142	193708	14.033	ug/l 96
12) Methyl Acetate	2.75	43	317368	20.881	ug/l 98
13) Acrolein	2.27	56	227845	115.234	ug/l 94
14) Acrylonitrile	3.11	53	659209	101.308	ug/l 98
15) Acetone	2.42	58	167943	101.501	ug/l 81
16) Carbon Disulfide	2.55	76	547802	18.041	ug/l 100
17) Allyl chloride	2.71	41	425323	18.136	ug/l 98
18) Methylene Chloride	2.84	84	232337	19.923	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	220147	19.593	ug/l 98
20) Diisopropyl ether	3.83	45	826123	19.641	ug/l 99
21) 1,1-Dichloroethane	3.67	63	417165	19.430	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	254084	19.629	ug/l 97
23) tert-Butyl Alcohol	3.01	59	292365	91.346	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	759500	19.694	ug/l 99
25) Chloroform	5.19	83	419375	19.761	ug/l 96
26) Cyclohexane	5.55	56	373055	18.186	ug/l 100
29) 1,1-Dichloropropene	5.77	75	311336	19.520	ug/l 99
30) 2-Butanone	4.64	43	963771	100.798	ug/l 100
31) 2,2-Dichloropropane	4.56	77	306877	15.988	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	379297	19.491	ug/l 99
33) Carbon Tetrachloride	5.76	117	334917	18.886	ug/l 96
34) Benzene	6.12	78	914672	19.897	ug/l 99
35) Methacrylonitrile	5.00	41	214502	19.783	ug/l 98
36) 1,2-Dichloroethane	6.17	62	373151	21.007	ug/l 98
37) Trichloroethene	7.19	130	257649	19.905	ug/l 98
38) Methylcyclohexane	7.44	83	355503	18.182	ug/l 100
39) 1,2-Dichloropropane	7.50	63	237262	19.216	ug/l 93
40) Dibromomethane	7.64	93	161176	19.611	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	338489	18.951	ug/l	99
42) Vinyl Acetate	3.79	43	3689427	101.839	ug/l	100
43) Ethyl Acetate	4.79	43	383473	18.438	ug/l	98
44) Isopropyl Acetate	6.42	43	650068	19.422	ug/l	99
45) 1,4-Dioxane	7.72	88	113341	367.576	ug/l	99
46) Methyl methacrylate	7.75	41	322583	19.313	ug/l	98
47) n-amyl Acetate	10.88	43	548371	19.001	ug/l	97
48) t-1,3-Dichloropropene	9.03	75	369116	17.902	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	392738	18.453	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	237496	20.136	ug/l	97
51) Ethyl methacrylate	9.16	69	392068	19.328	ug/l	99
52) 1,3-Dichloropropane	9.36	76	409222	20.088	ug/l	99
53) Dibromochloromethane	9.57	129	273074	18.782	ug/l	97
54) 1,2-Dibromoethane	9.65	107	255233	20.168	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	959753	100.178	ug/l	100
56) Bromoform	10.84	173	209942	17.562	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	1919040	104.501	ug/l	100
59) 2-Hexanone	9.47	43	1447546	103.615	ug/l	99
61) Tetrachloroethene	9.32	164	240183	19.475	ug/l	99
62) Toluene	8.77	91	976631	20.095	ug/l	99
64) Chlorobenzene	10.12	112	639384	20.462	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	246079	19.272	ug/l	97
66) Ethyl Benzene	10.24	91	1140556	20.543	ug/l	96
67) m/p-Xylenes	10.34	106	845281	40.225	ug/l	99
68) o-Xylene	10.68	106	412051	20.061	ug/l	98
69) Styrene	10.70	104	728823	20.366	ug/l	98
70) Isopropylbenzene	11.01	105	1108695	20.361	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	359772	20.385	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	418335	25.333	ug/l	88
73) Bromobenzene	11.24	156	295106	20.190	ug/l	96
74) n-propylbenzene	11.34	91	1246206	19.953	ug/l	100
75) 2-Chlorotoluene	11.41	91	771672	20.315	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	932313	19.938	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	112529	15.813	ug/l	91
78) 4-Chlorotoluene	11.50	91	894372	20.352	ug/l	99
79) tert-butylbenzene	11.76	119	937007	20.049	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	951927	20.096	ug/l	99
81) sec-Butylbenzene	11.93	105	1063979	19.846	ug/l	100
82) p-Isopropyltoluene	12.05	119	992695	19.646	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	525322	19.987	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	536955	20.472	ug/l	99
85) n-Butylbenzene	12.37	91	863839	19.180	ug/l	99
86) Hexachloroethane	12.58	117	169361	17.342	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	514899	20.080	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	87324	18.785	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	400201	19.374	ug/l	99
90) Hexachlorobutadiene	13.77	225	178977	16.448	ug/l	95
91) Naphthalene	13.82	128	1209384	20.219	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	392655	19.135	ug/l	97

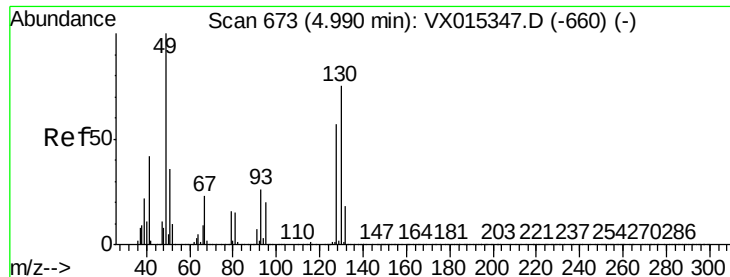
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

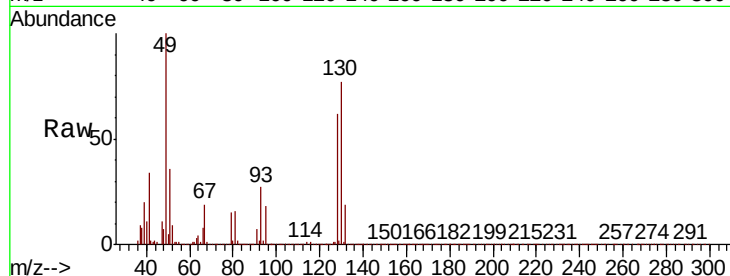
Tot Ion:128 Resp: 190761

Ion Ratio Lower Upper

128 100

49 170.6 0.0 428.0

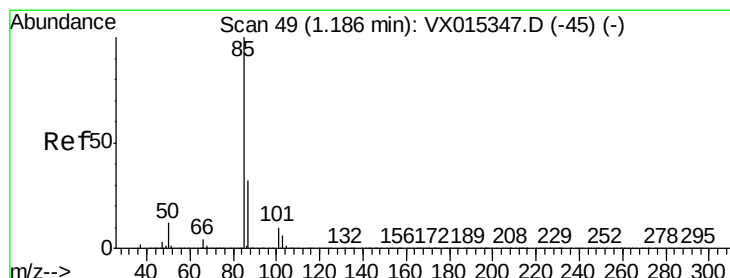
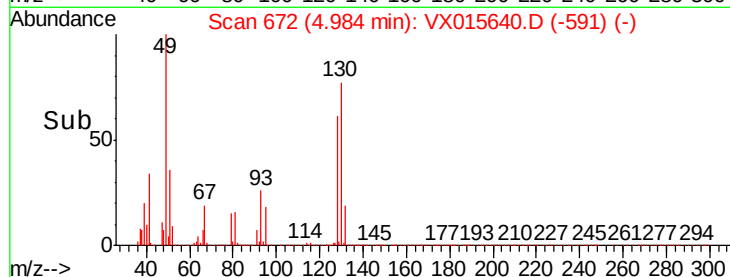
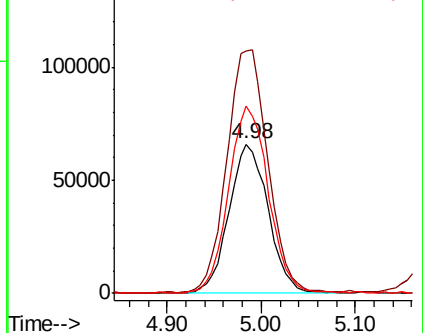
130 127.1 0.0 324.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 16.457 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015640.D

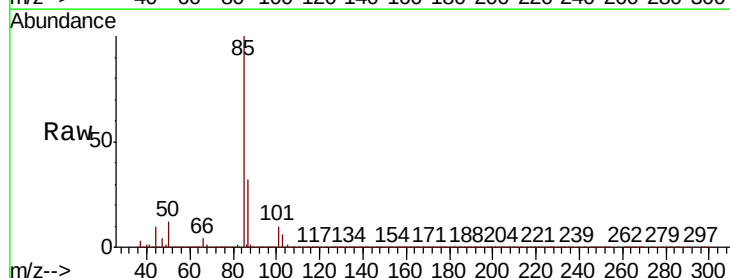
Acq: 10 Apr 2020 22:21

Tgt Ion: 85 Resp: 149921

Ion Ratio Lower Upper

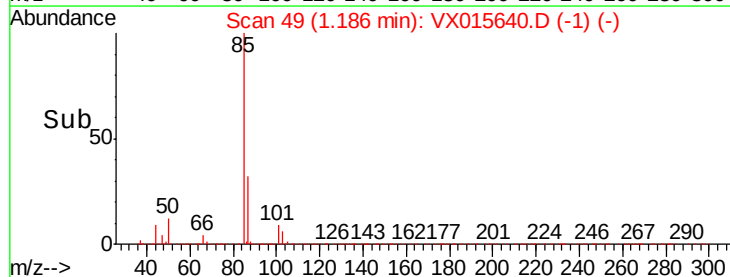
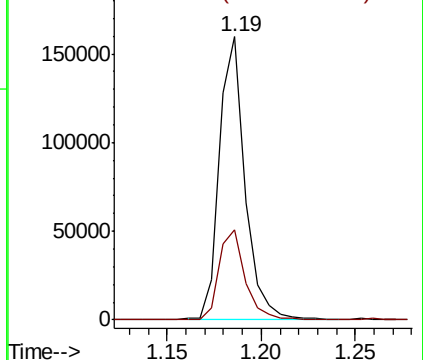
85 100

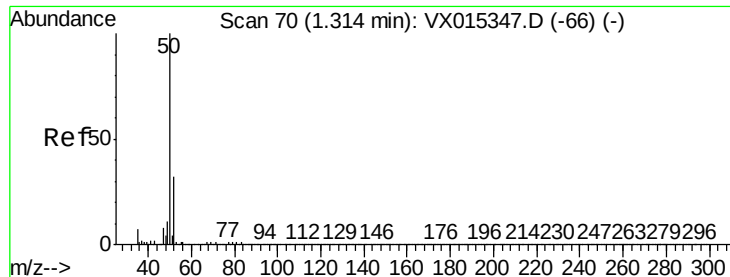
87 31.8 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.130 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

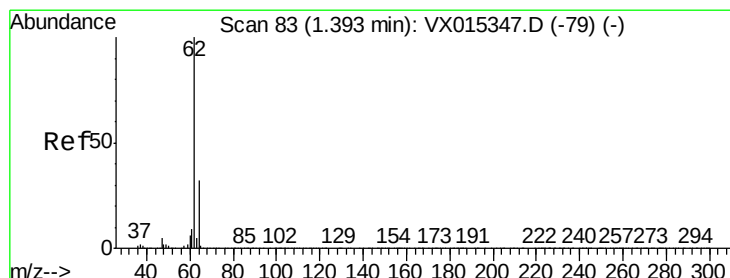
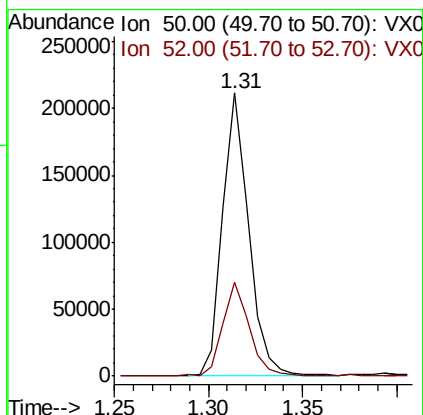
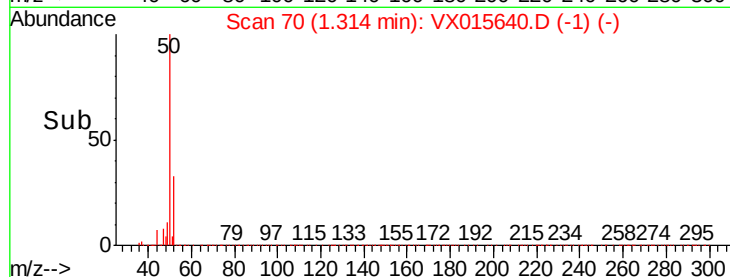
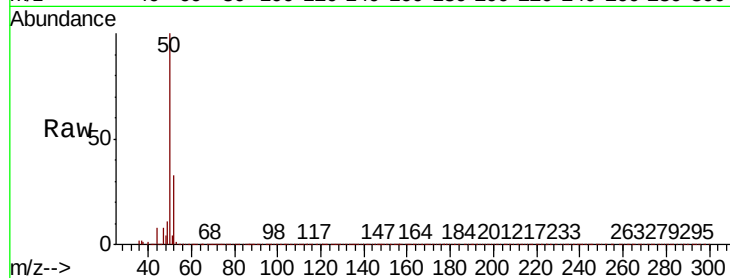
VSTDCCC020EC

Tot Ion: 50 Resp: 203838

Ion Ratio Lower Upper

50 100

52 33.2 25.5 38.3



#4

Vinyl Chloride

Concen: 19.681 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015640.D

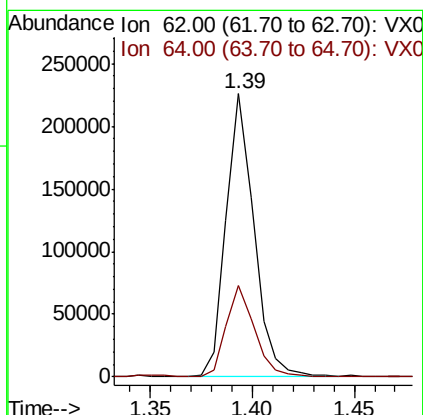
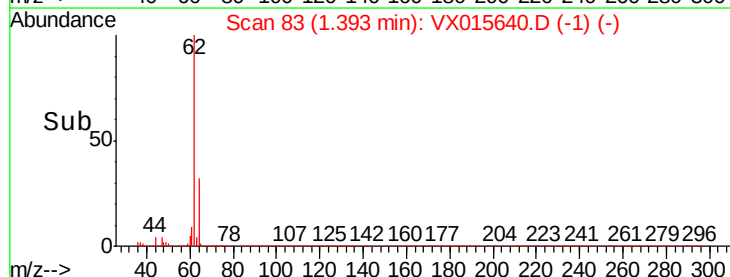
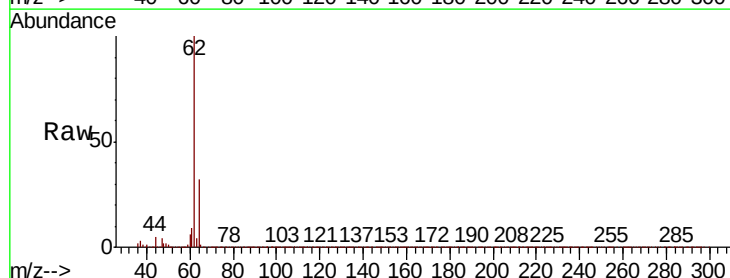
Acq: 10 Apr 2020 22:21

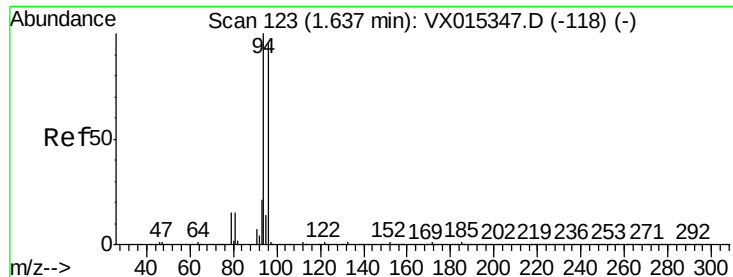
Tgt Ion: 62 Resp: 212868

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 27.310 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

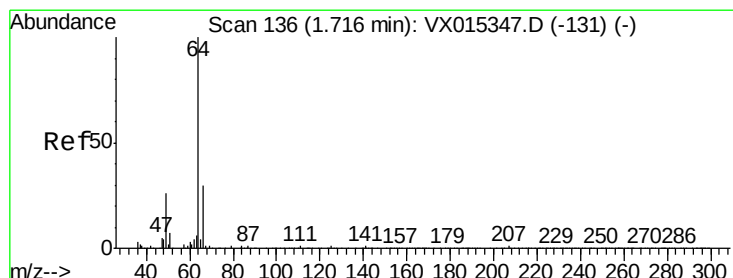
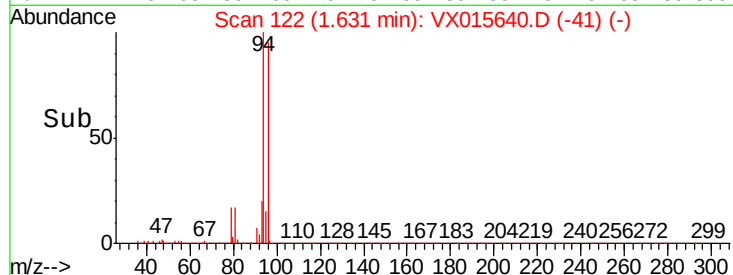
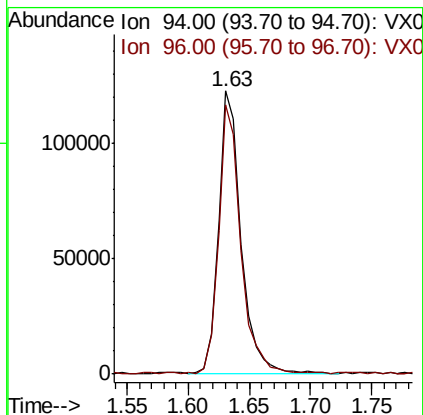
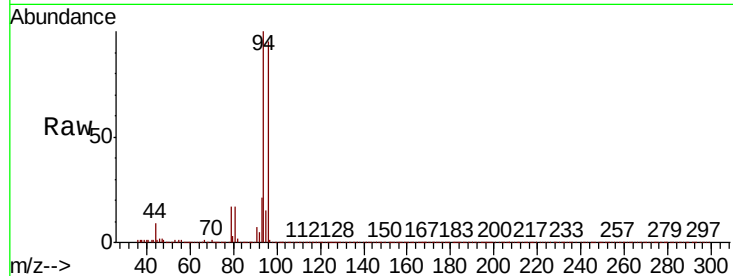
VSTDCCC020EC

Tot Ion: 94 Resp: 157245

Ion Ratio Lower Upper

94 100

96 95.1 76.1 114.1



#6

Chloroethane

Concen: 20.726 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015640.D

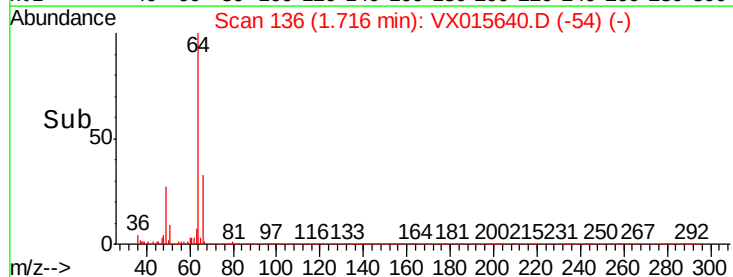
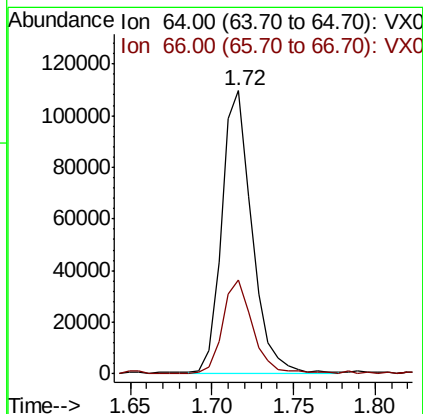
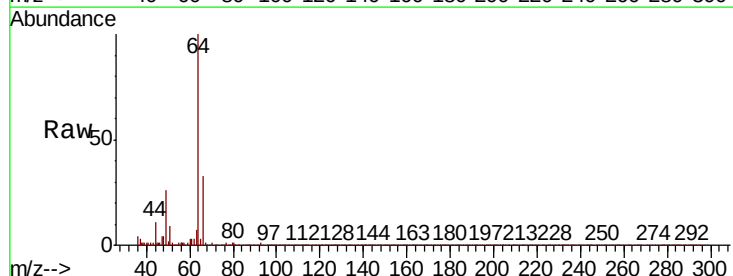
Acq: 10 Apr 2020 22:21

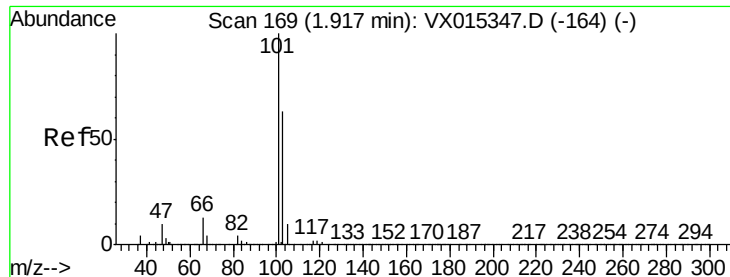
Tgt Ion: 64 Resp: 139857

Ion Ratio Lower Upper

64 100

66 32.9 24.3 36.5



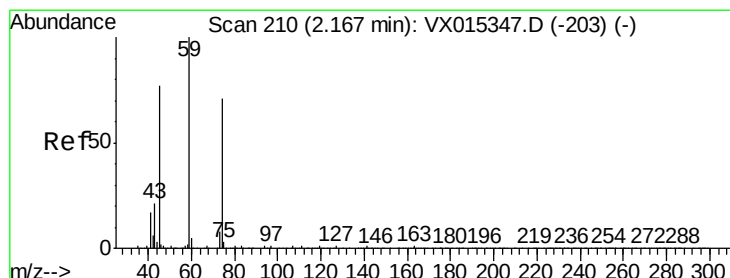
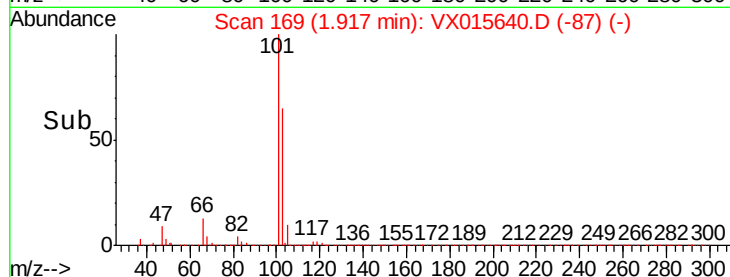
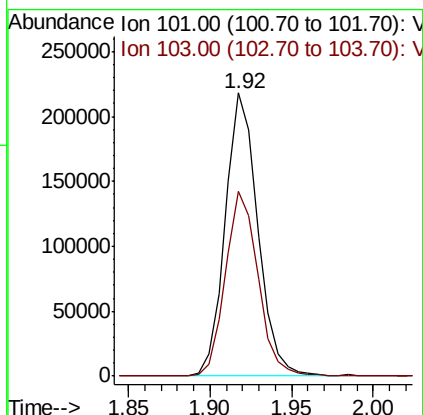
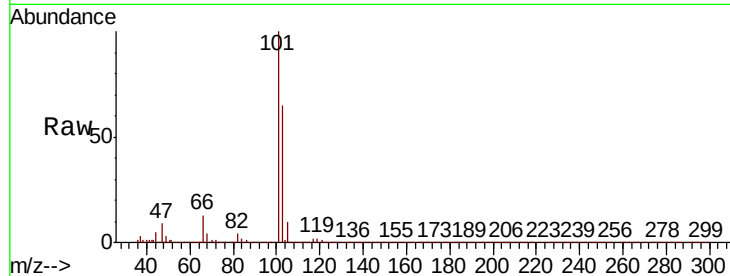


#7

Trichlorofluoromethane
Concen: 19.439 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015640.D
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VSTDCCC020EC

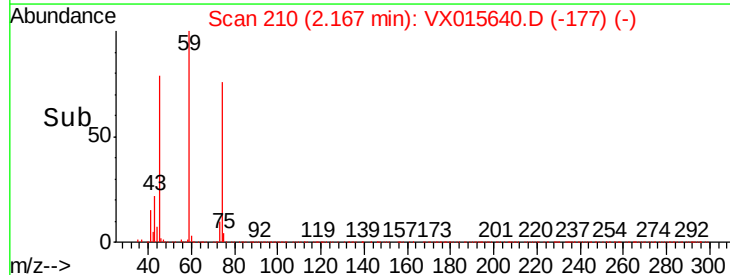
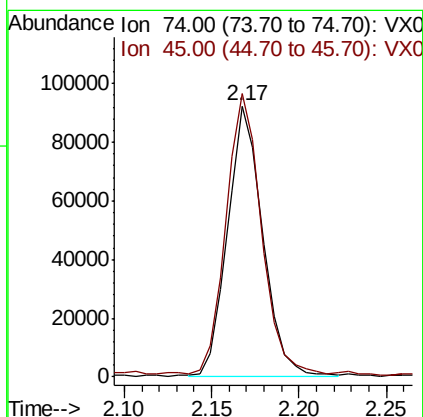
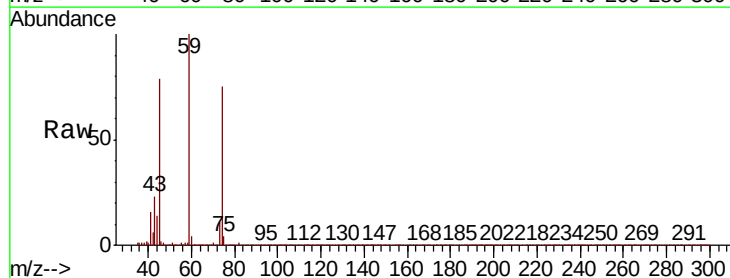
Tot Ion:101 Resp: 300466
Ion Ratio Lower Upper
101 100
103 65.1 49.9 74.9

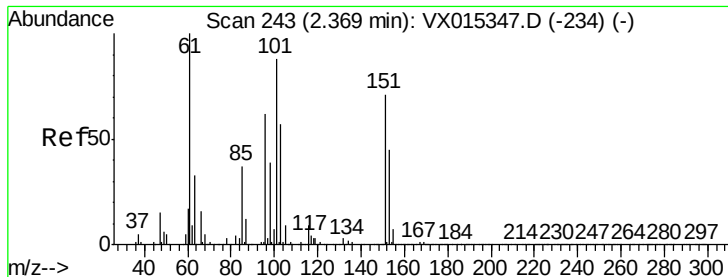


#8

Diethyl Ether
Concen: 21.598 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion: 74 Resp: 128441
Ion Ratio Lower Upper
74 100
45 104.7 21.8 196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.502 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

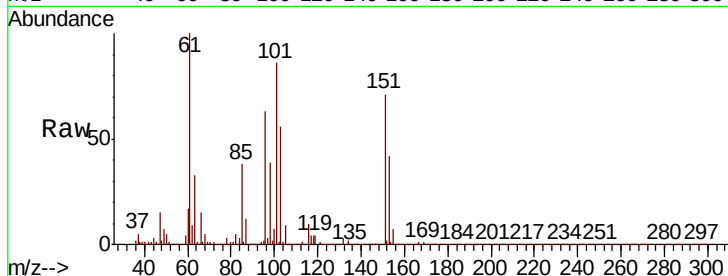
Tot Ion: 101 Resp: 189203

Ion Ratio Lower Upper

101 100

85 44.5 0.0 85.8

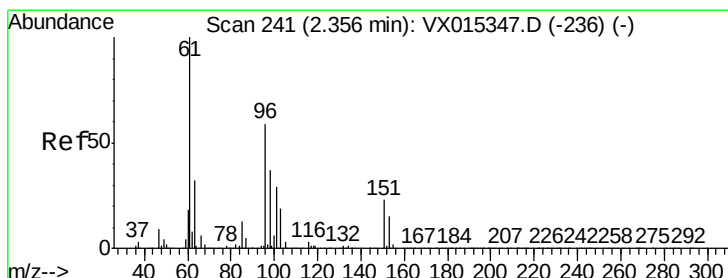
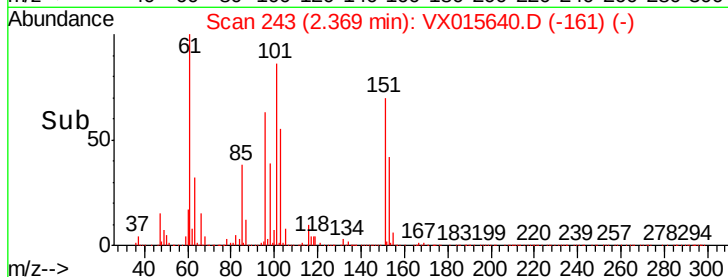
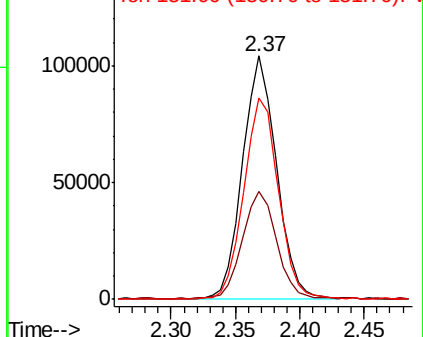
151 84.2 0.0 164.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.886 ug/l

RT: 2.36 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

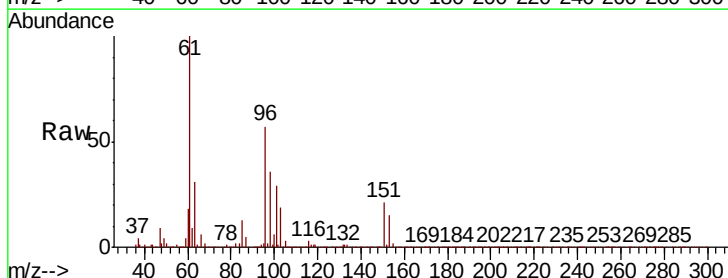
Tgt Ion: 96 Resp: 196167

Ion Ratio Lower Upper

96 100

61 175.4 135.5 203.3

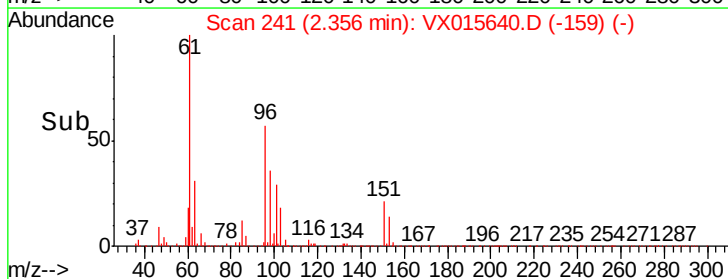
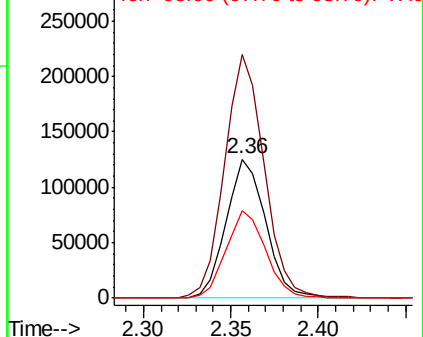
98 62.7 50.2 75.2

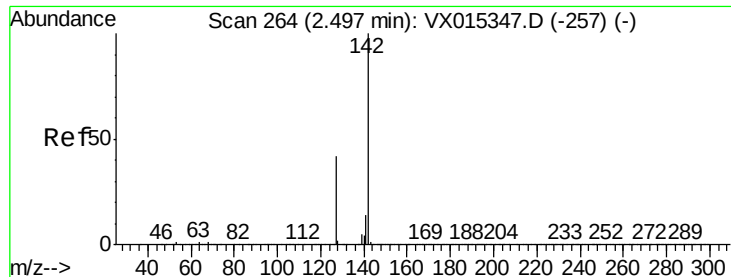


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

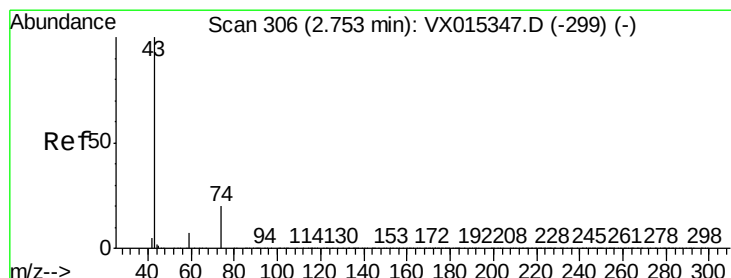
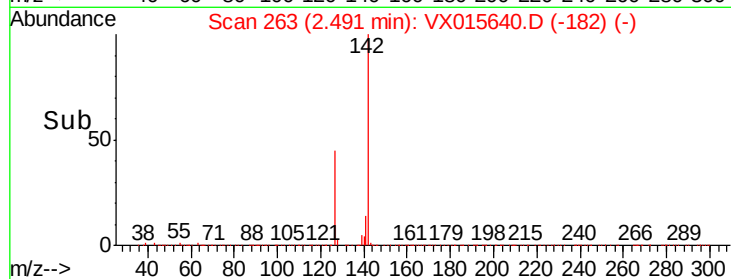
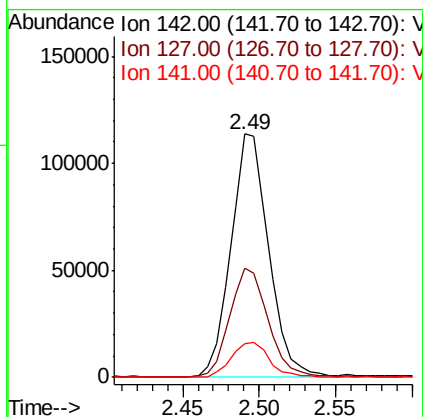
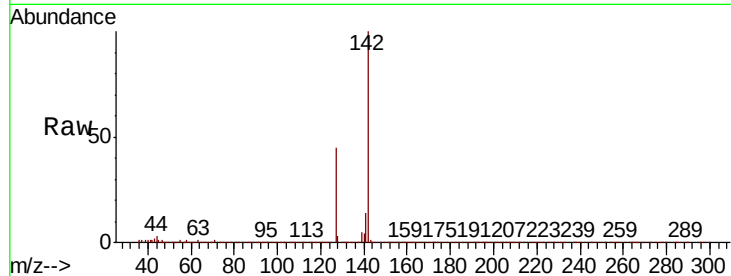




#11
Methvl Iodide
Concen: 14.033 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

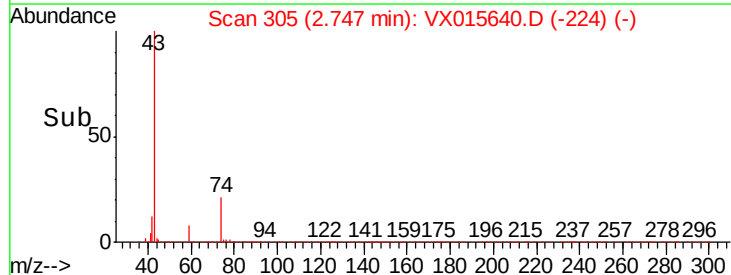
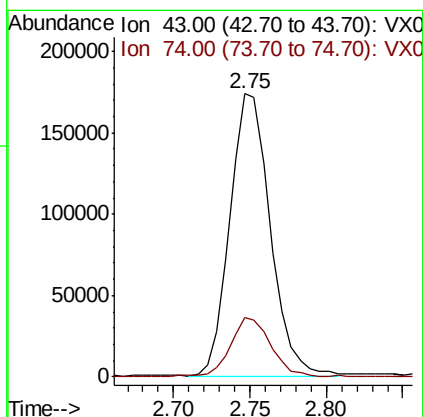
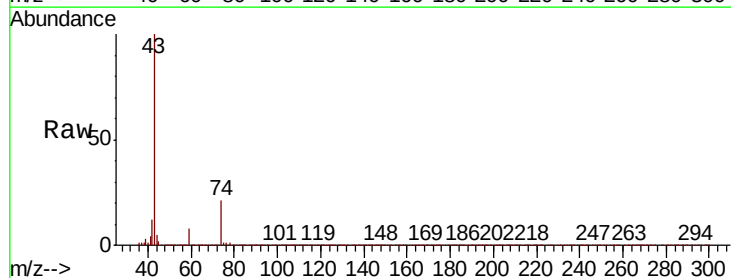
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

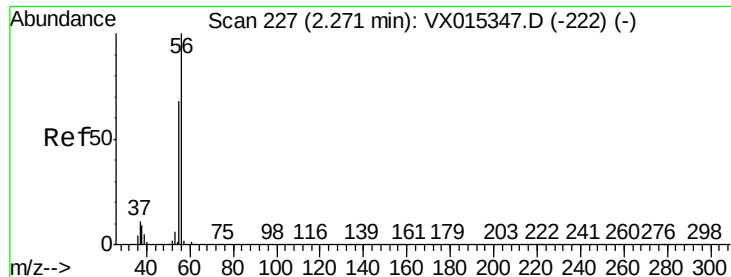
Tot Ion	Ratio	Lower	Upper
142	100		
127	44.8	21.0	63.0
141	13.5	6.9	20.7



#12
Methyl Acetate
Concen: 20.881 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	15.8	23.6

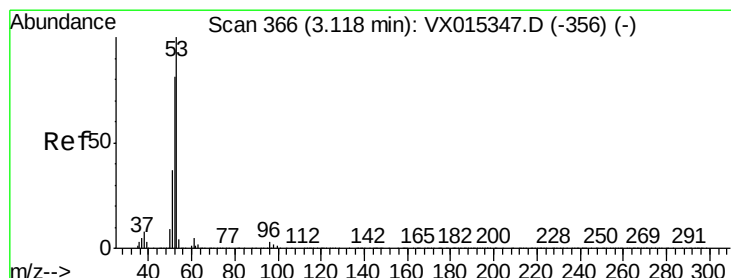
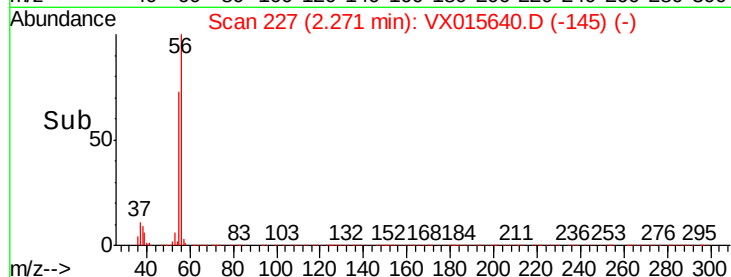
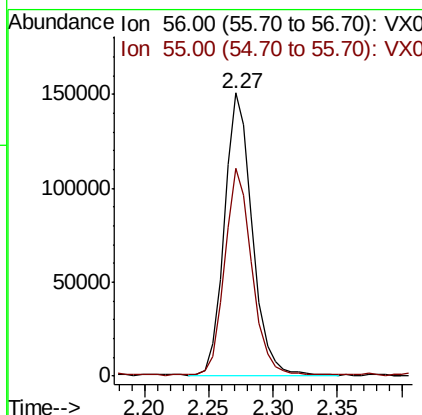
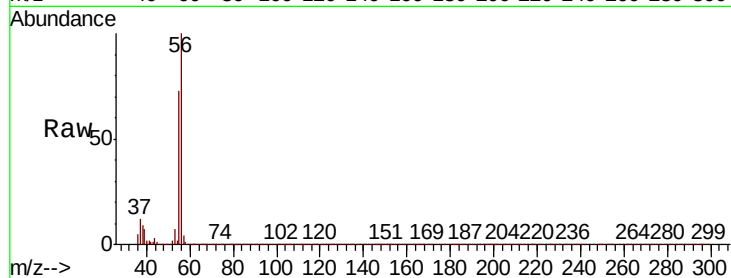




#13
Acrolein
Concen: 115.234 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

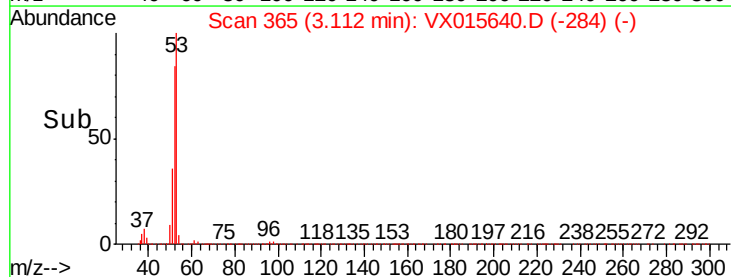
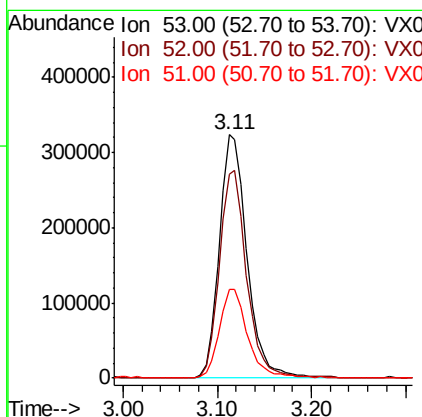
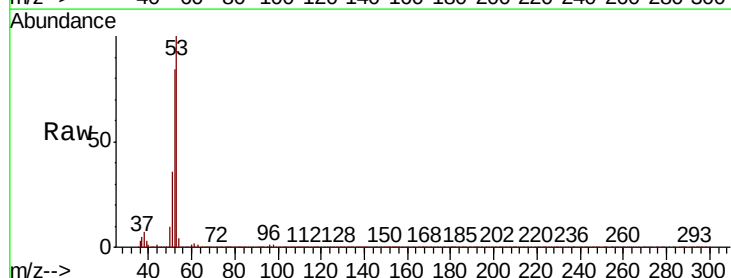
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

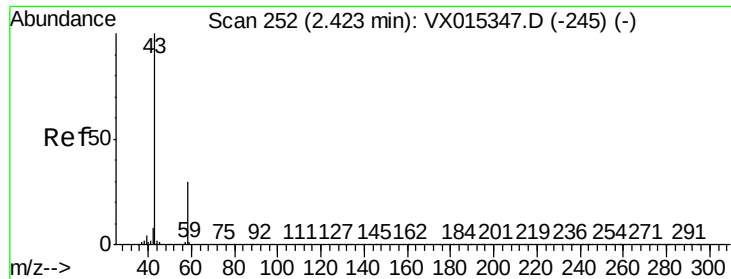
Tot Ion: 56 Resp: 227845
Ion Ratio Lower Upper
56 100
55 71.8 53.5 80.3



#14
Acrylonitrile
Concen: 101.308 ug/l
RT: 3.11 min Scan# 365
Delta R.T. -0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion: 53 Resp: 659209
Ion Ratio Lower Upper
53 100
52 83.8 41.0 123.2
51 37.4 18.4 55.4

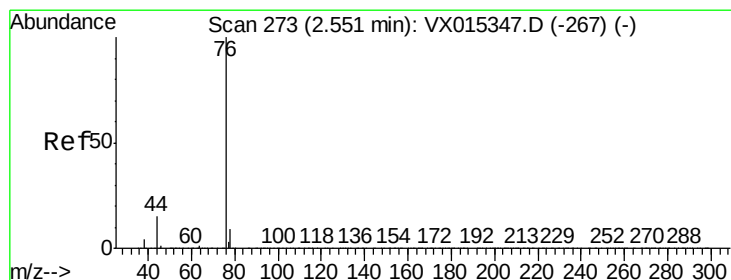
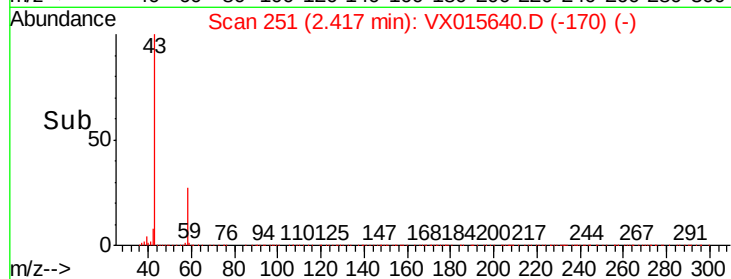
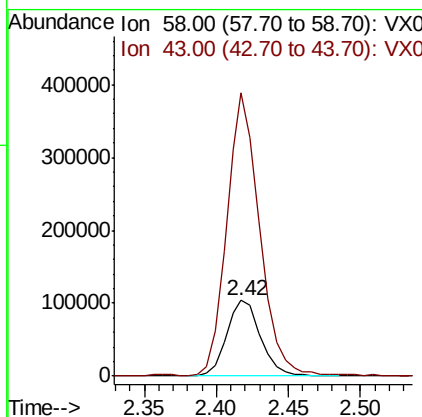
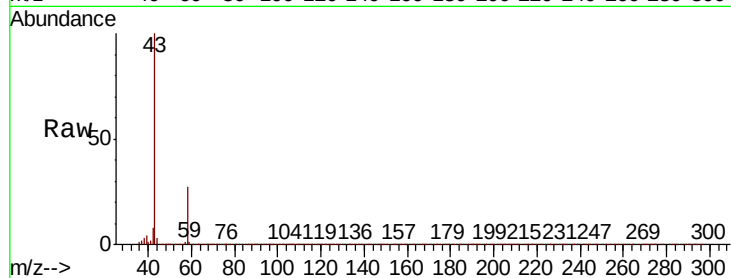




#15
Acetone
Concen: 101.501 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

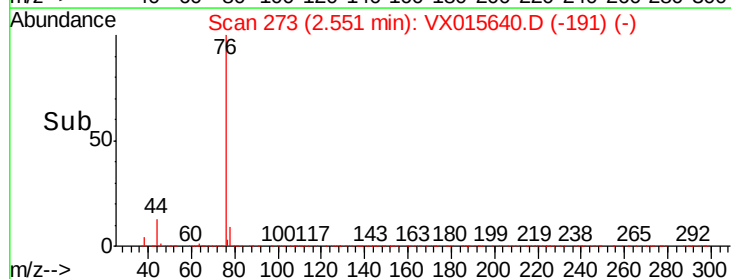
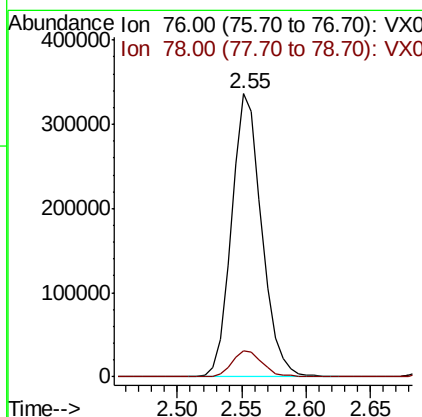
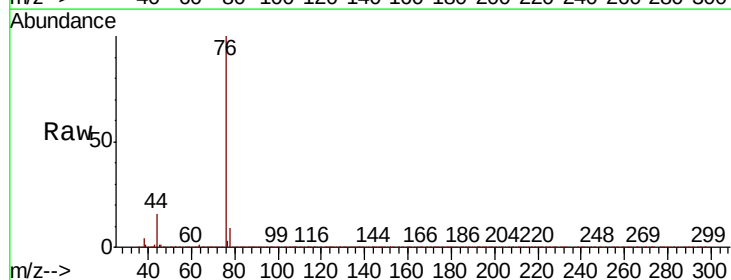
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

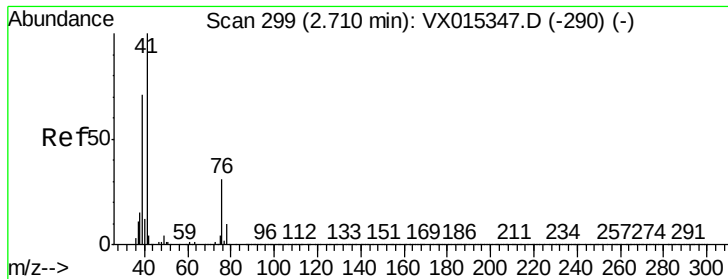
Tot Ion: 58 Resp: 167943
Ion Ratio Lower Upper
58 100
43 374.5 267.8 401.8



#16
Carbon Disulfide
Concen: 18.041 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion: 76 Resp: 547802
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

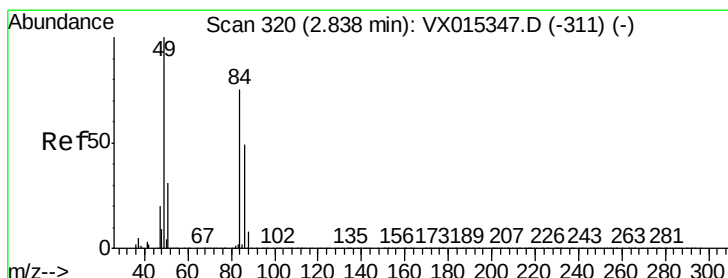
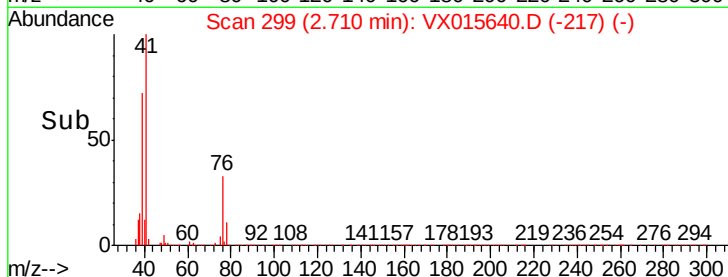
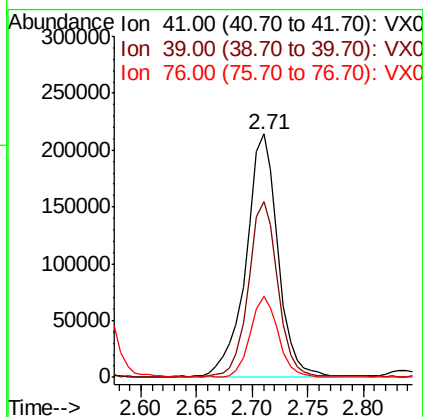
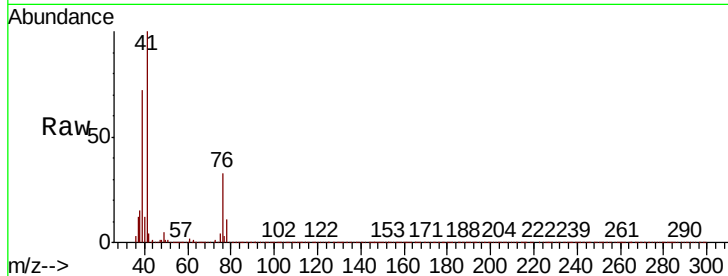




#17
Allvl chloride
Concen: 18.136 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

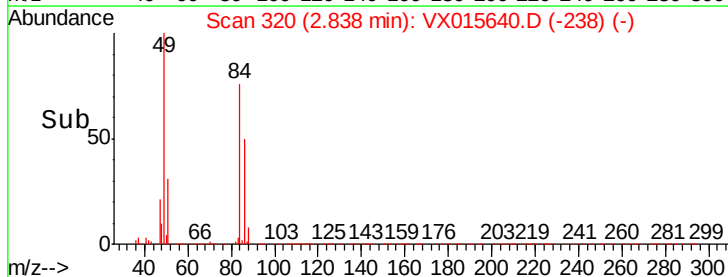
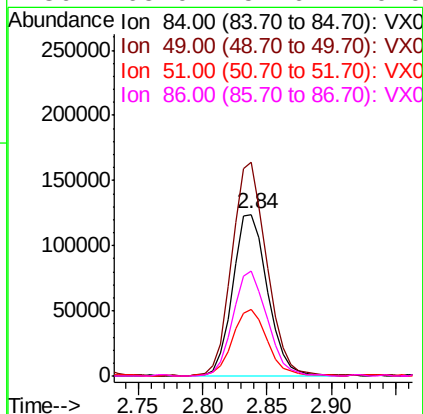
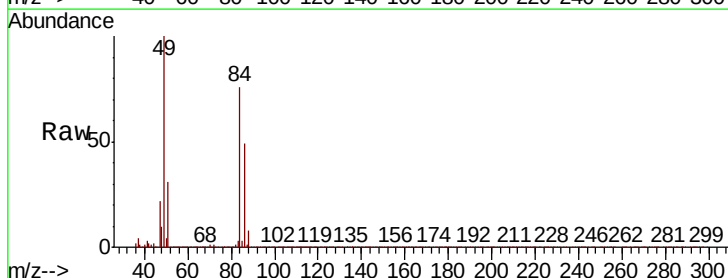
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

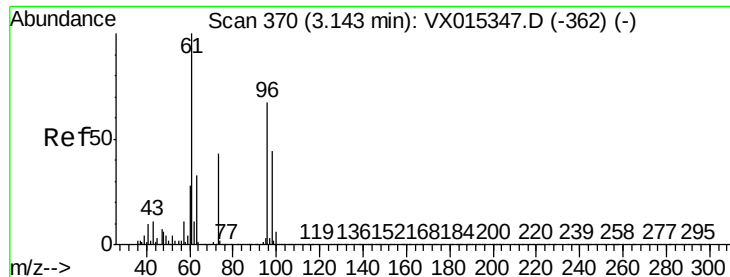
Tot Ion: 41 Resp: 425323
Ion Ratio Lower Upper
41 100
39 72.3 35.6 106.8
76 33.1 15.4 46.4



#18
Methylene Chloride
Concen: 19.923 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion: 84 Resp: 232337
Ion Ratio Lower Upper
84 100
49 132.4 107.0 160.4
51 41.2 33.4 50.0
86 65.0 52.6 79.0





#19

trans-1,2-Dichloroethene

Concen: 19.593 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

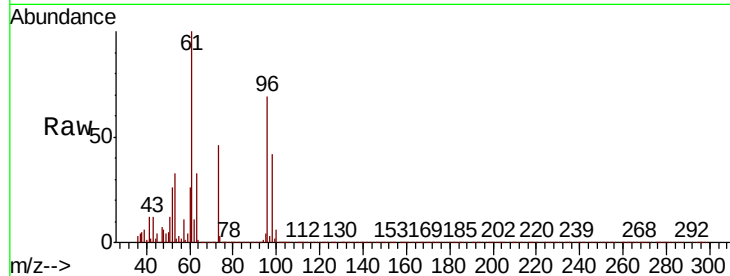
Tot Ion: 96 Resp: 220147

Ion Ratio Lower Upper

96 100

61 145.7 118.2 177.2

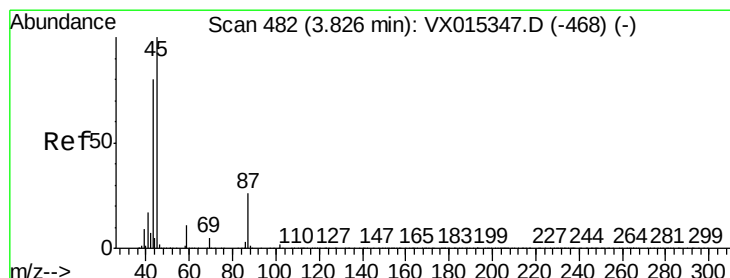
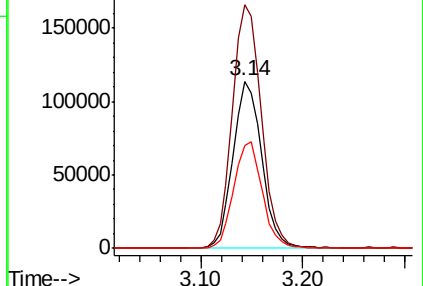
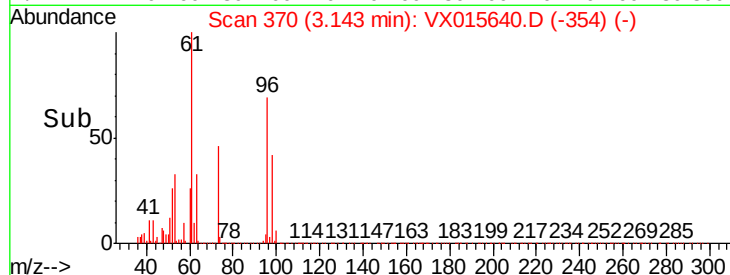
98 61.7 51.9 77.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.641 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Tgt Ion: 45 Resp: 826123

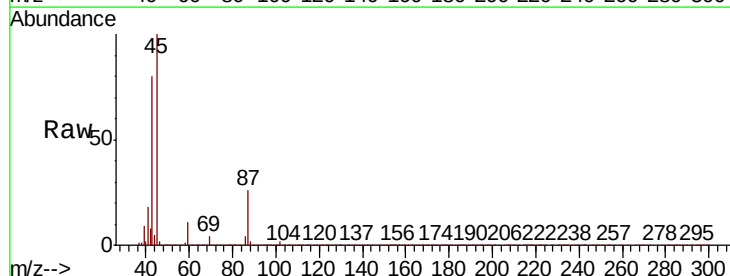
Ion Ratio Lower Upper

45 100

43 79.7 64.4 96.6

87 26.1 20.4 30.6

59 11.2 8.7 13.1

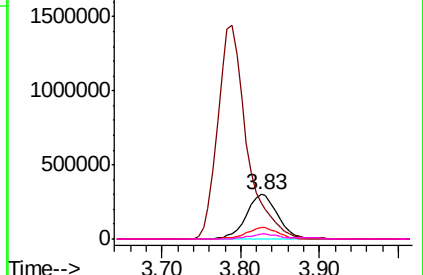
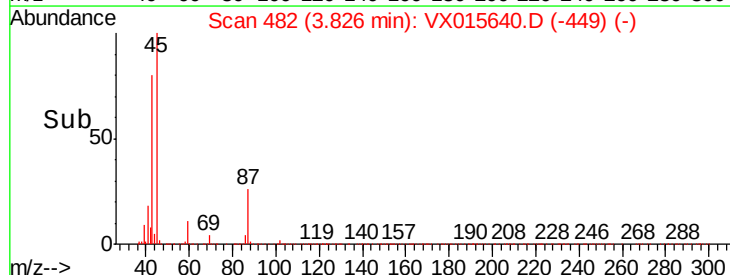


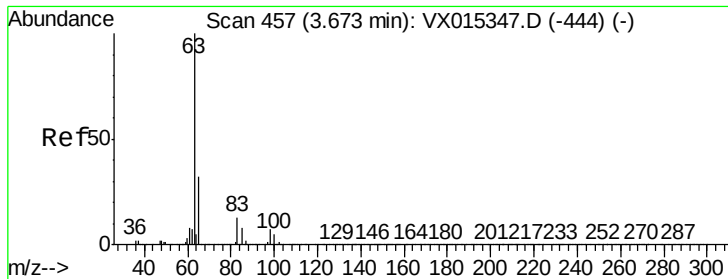
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 19.430 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

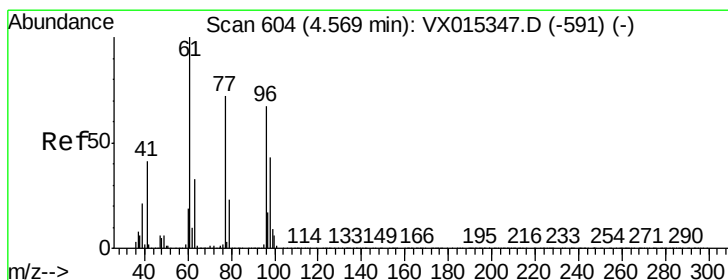
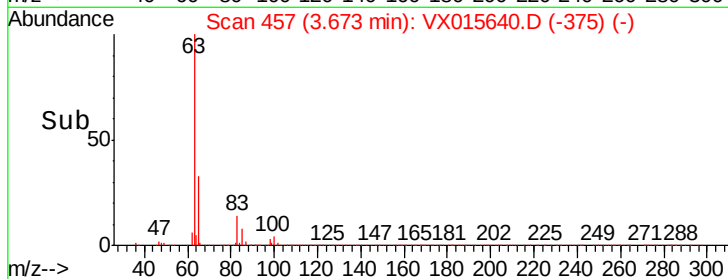
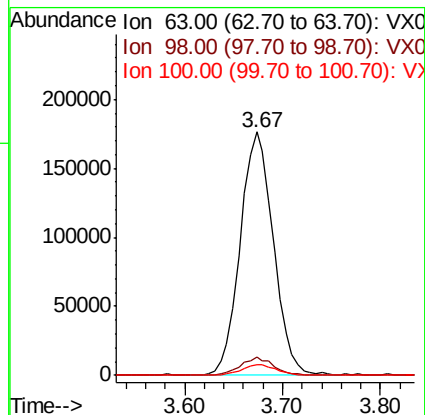
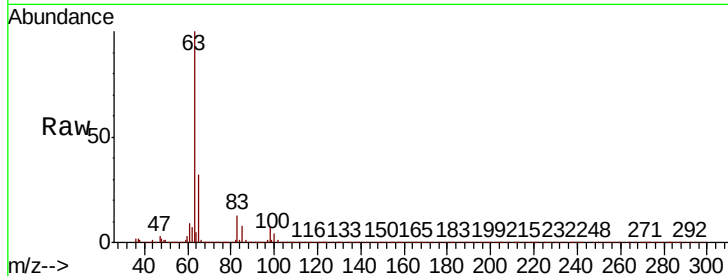
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	417165
Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.3	9.9
100	4.3	2.3	6.8



#22

cis-1,2-Dichloroethene

Concen: 19.629 ug/l

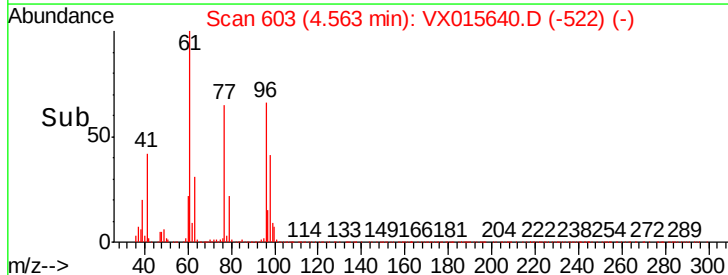
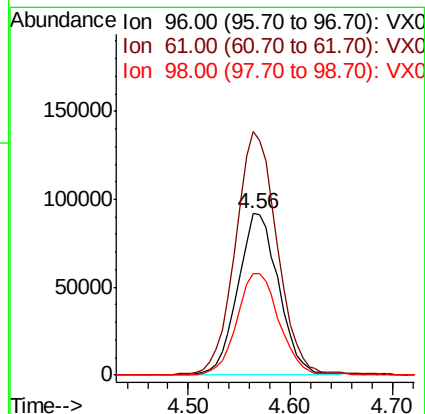
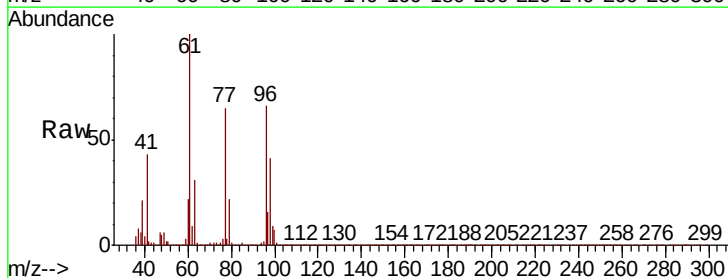
RT: 4.56 min Scan# 603

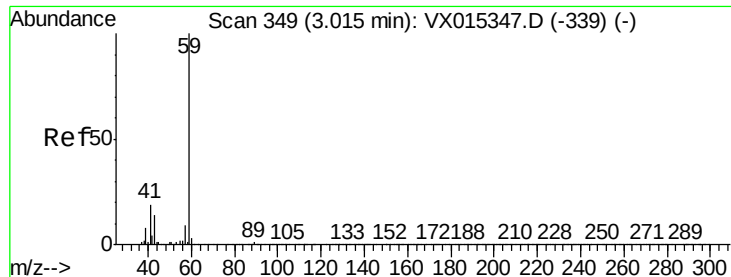
Delta R.T. -0.01 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Tgt Ion:	96	Resp:	254084
Ion	Ratio	Lower	Upper
96	100		
61	153.2	127.2	190.8
98	64.4	51.8	77.6





#23

tert-Butyl Alcohol

Concen: 91.346 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

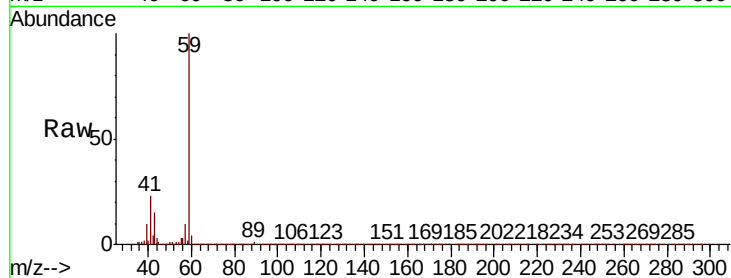
VSTDCCC020EC

Tot Ion: 59 Resp: 292365

Ion Ratio Lower Upper

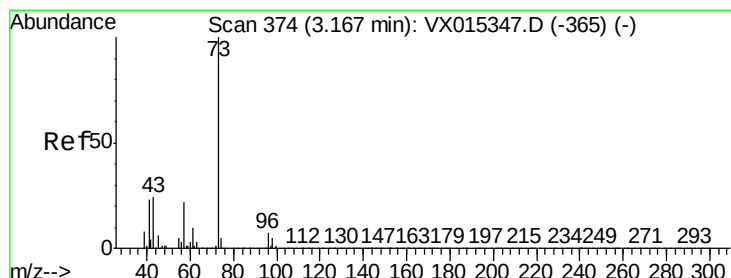
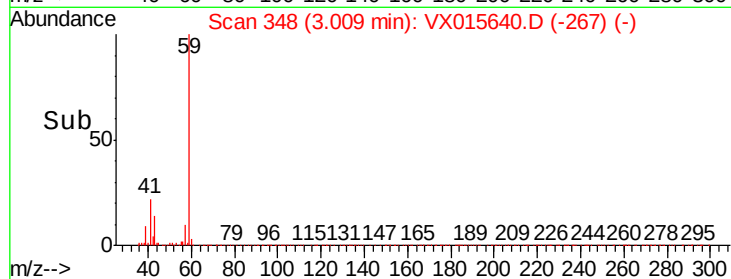
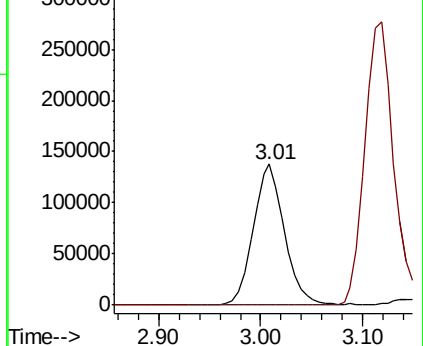
59 100

52 0.1 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 19.694 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.00 min

Lab File: VX015640.D

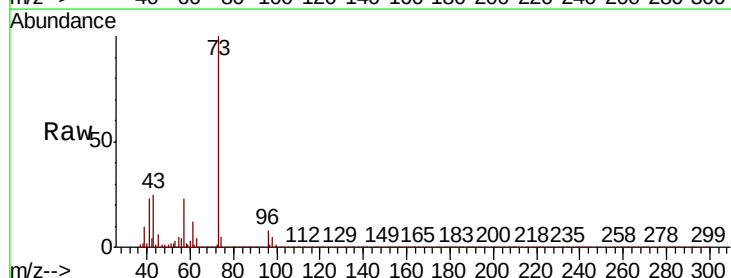
Acq: 10 Apr 2020 22:21

Tgt Ion: 73 Resp: 759500

Ion Ratio Lower Upper

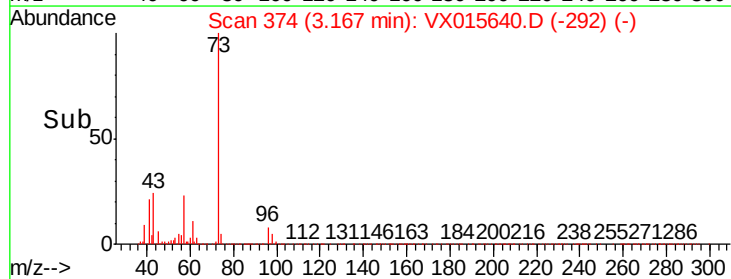
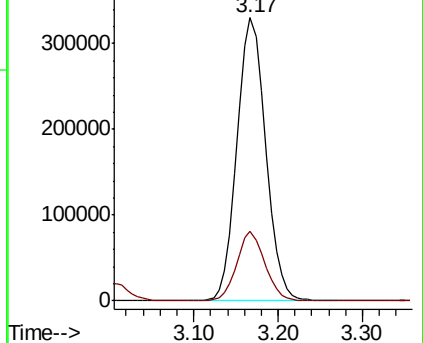
73 100

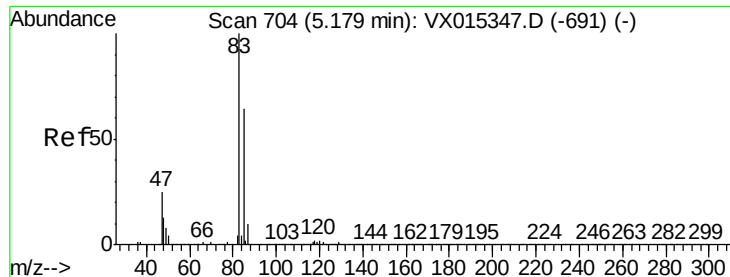
43 23.3 19.2 28.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

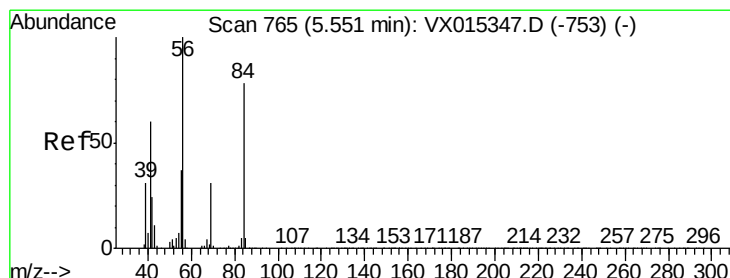
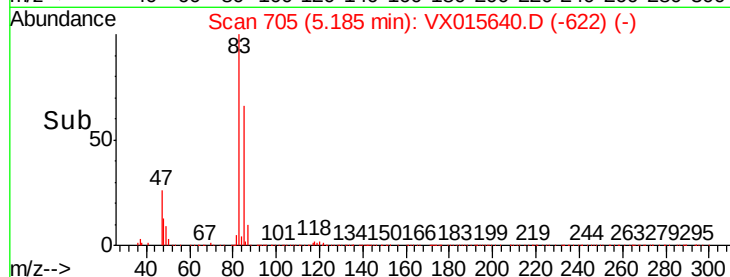
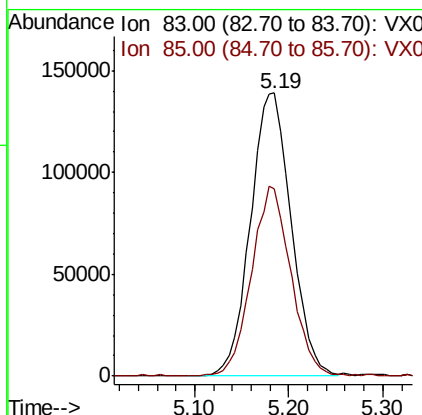
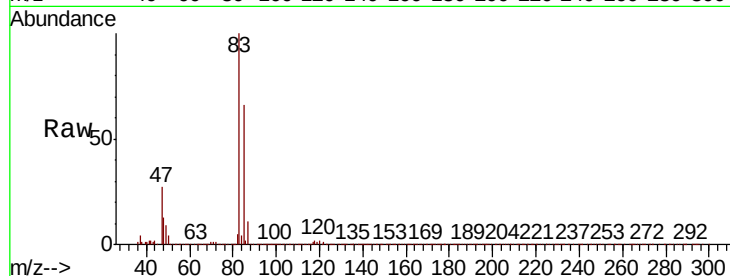




#25
Chloroform
Concen: 19.761 ug/l
RT: 5.19 min Scan# 705
Delta R.T. 0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

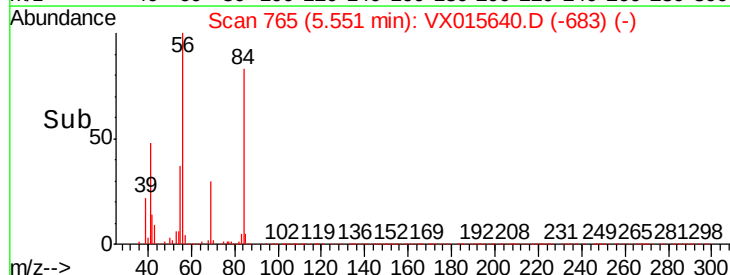
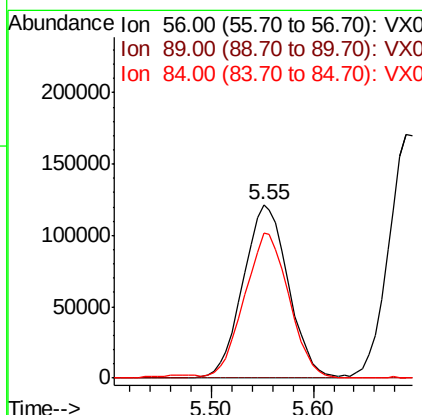
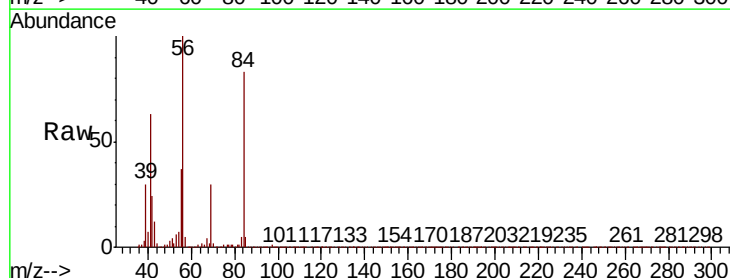
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

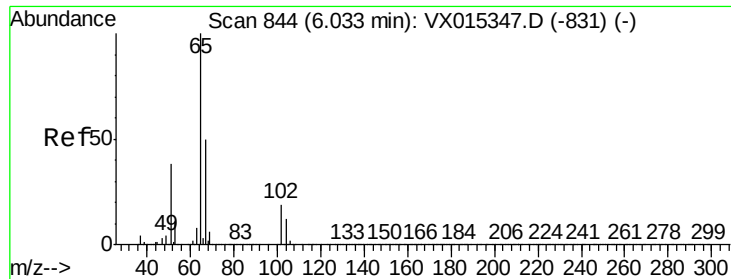
Tot Ion: 83 Resp: 419375
Ion Ratio Lower Upper
83 100
85 65.9 50.5 75.7



#26
Cyclohexane
Concen: 18.186 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion: 56 Resp: 373055
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1
84 82.6 66.1 99.1

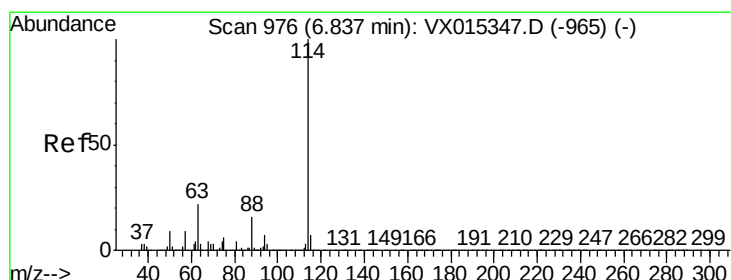
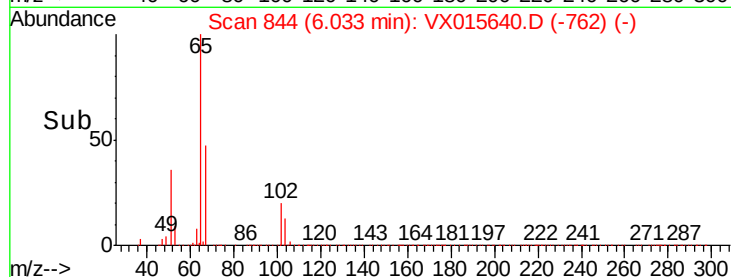
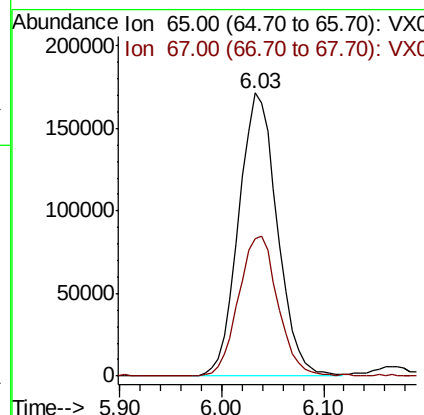
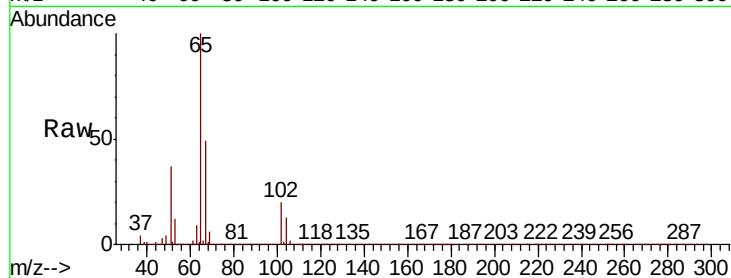




#27
 1,2-Dichloroethane-d4
 Concen: 30.114 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

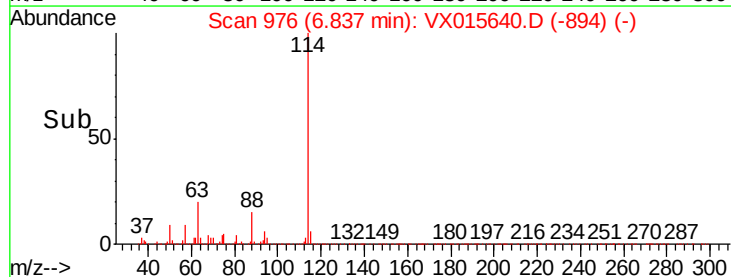
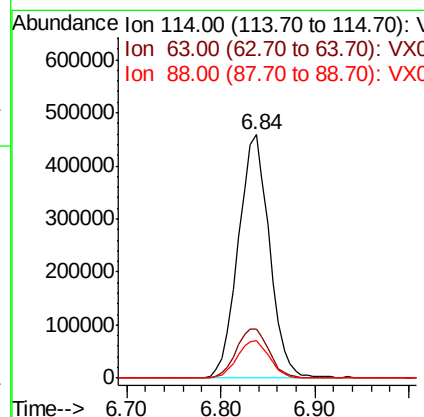
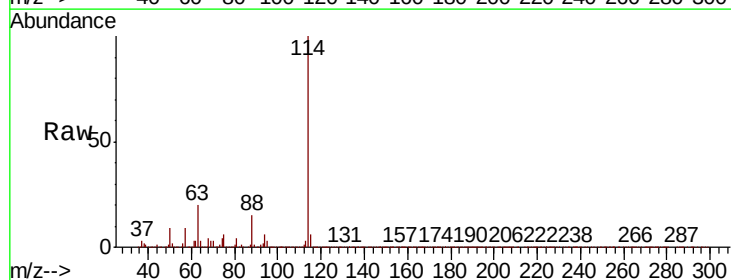
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

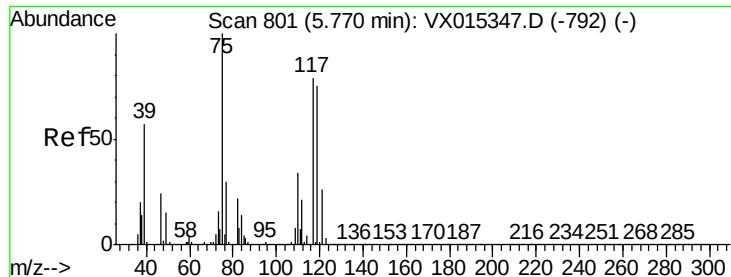
Tot Ion: 65 Resp: 448902
 Ion Ratio Lower Upper
 65 100
 67 49.9 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion: 114 Resp: 1061623
 Ion Ratio Lower Upper
 114 100
 63 21.2 17.4 26.2
 88 15.8 12.9 19.3

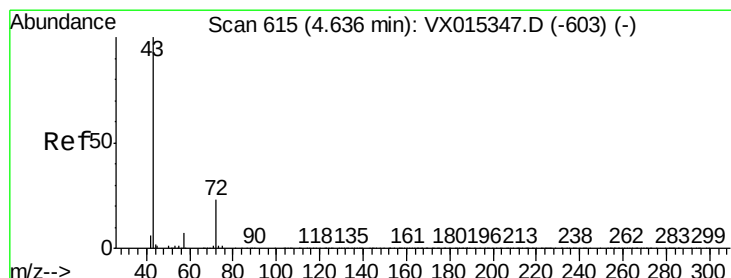
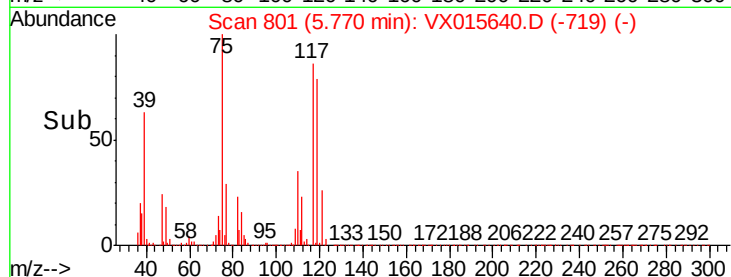
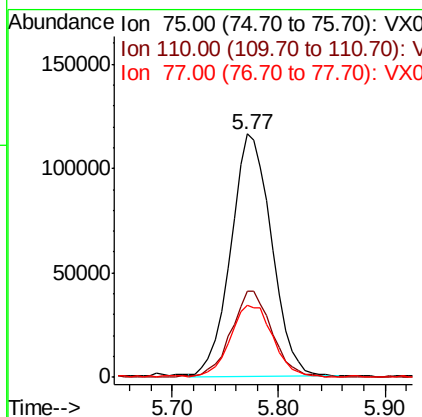
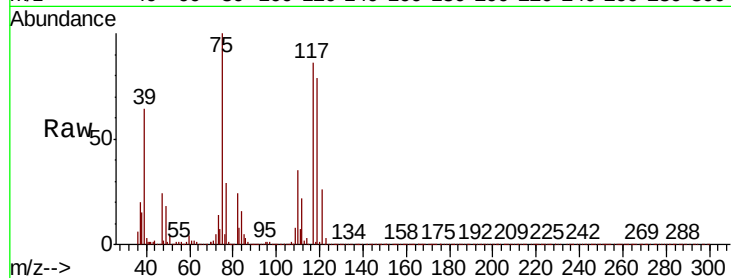




#29
 1,1-Dichloropropene
 Concen: 19.520 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

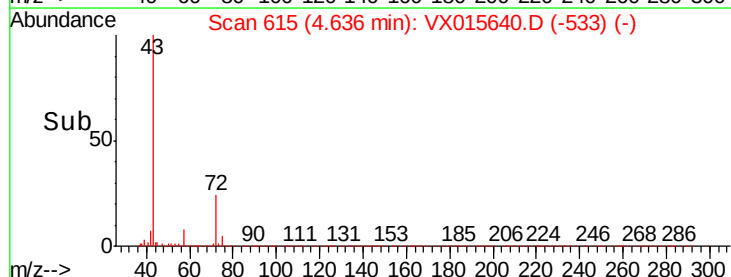
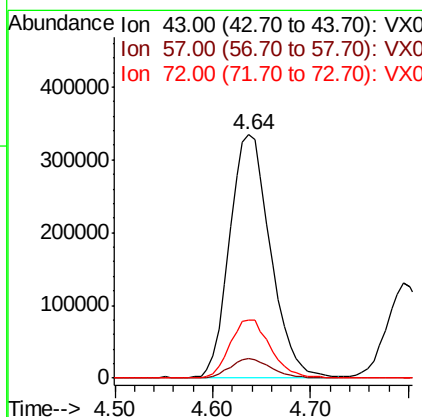
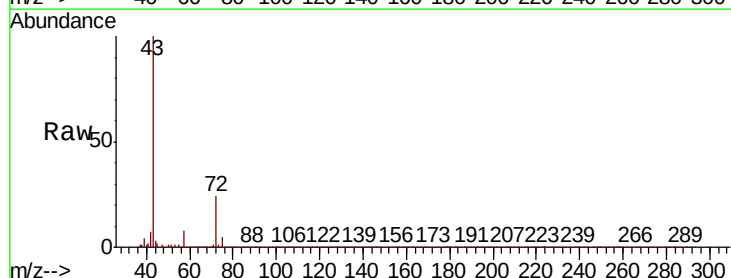
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

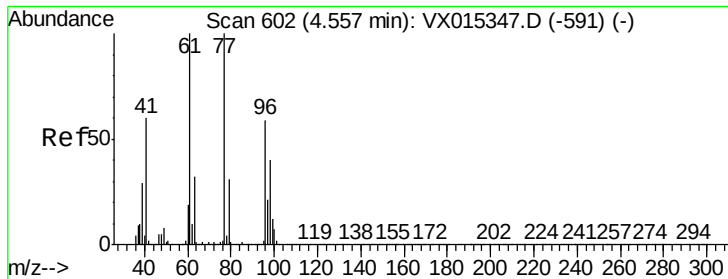
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.4	0.0	71.2
77	30.5	0.0	62.2



#30
 2-Butanone
 Concen: 100.798 ug/l
 RT: 4.64 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.5	5.9	8.9
72	23.4	18.6	27.8

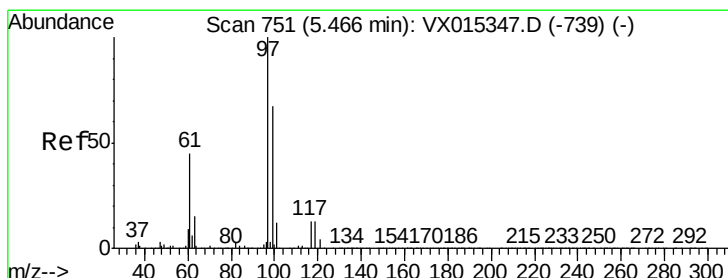
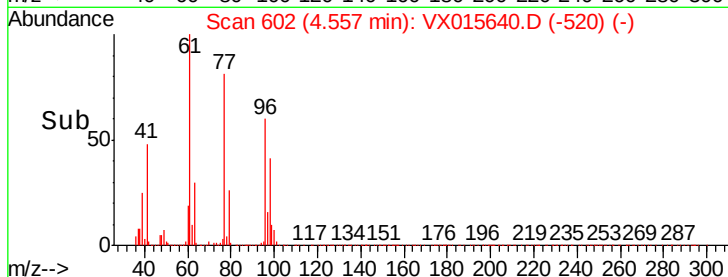
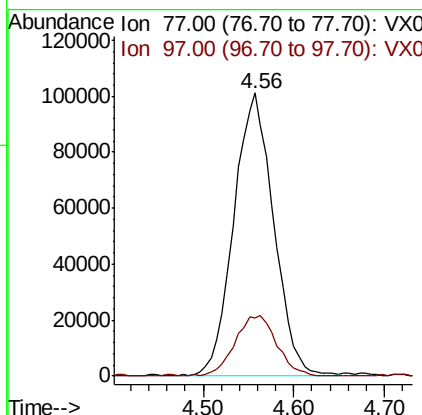
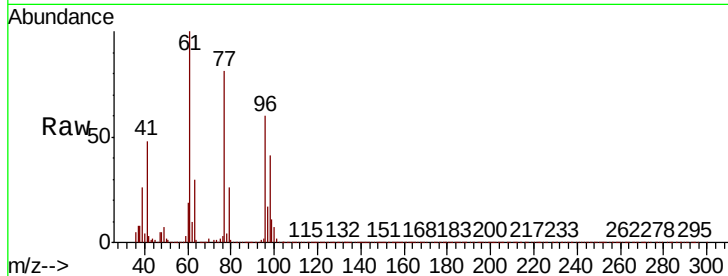




#31
 2,2-Dichloropropane
 Concen: 15.988 ug/l
 RT: 4.56 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

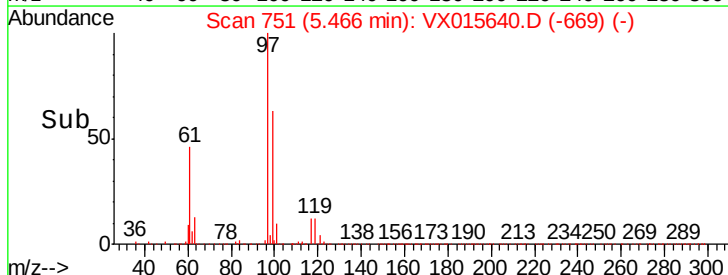
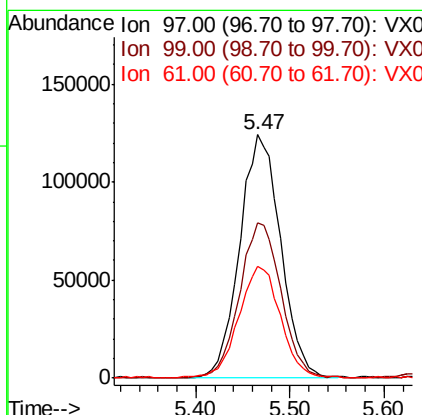
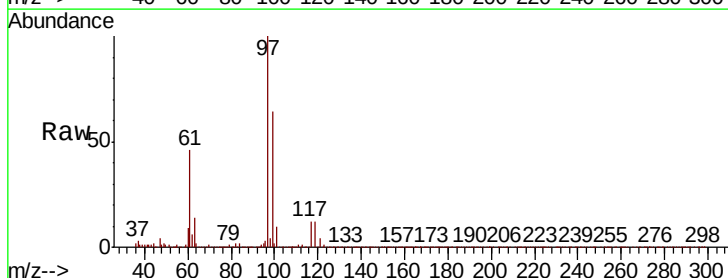
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

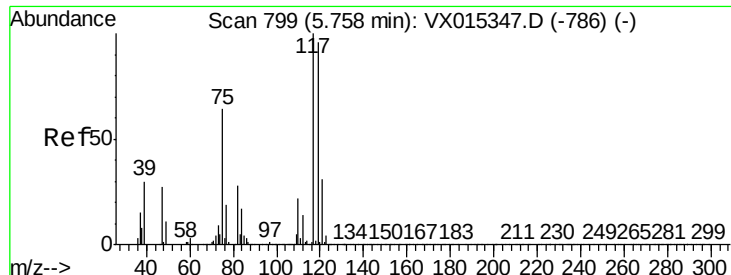
Tot Ion: 77 Resp: 306877
 Ion Ratio Lower Upper
 77 100
 97 22.4 17.8 26.8



#32
 1,1,1-Trichloroethane
 Concen: 19.491 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion: 97 Resp: 379297
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.0 76.4
 61 46.2 35.8 53.8





#33

Carbon Tetrachloride

Concen: 18.886 ug/l

RT: 5.76 min Scan# 800

Delta R.T. 0.01 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

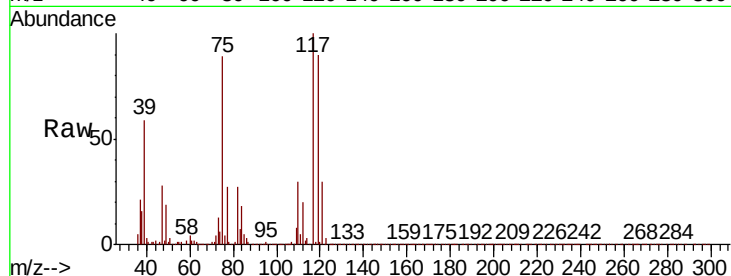
Tot Ion:117 Resp: 334917

Ion Ratio Lower Upper

117 100

119 90.7 76.6 114.8

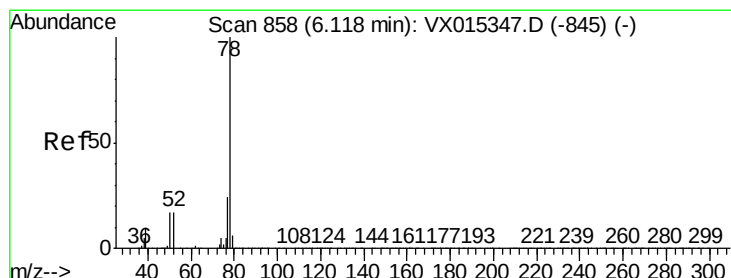
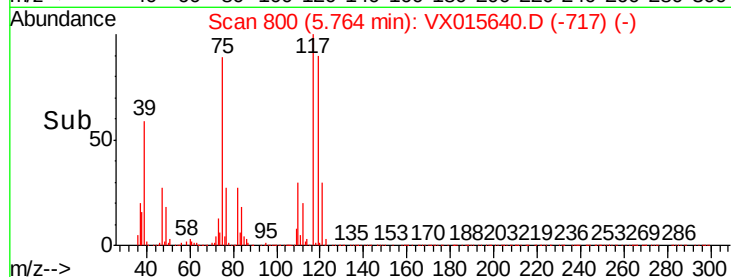
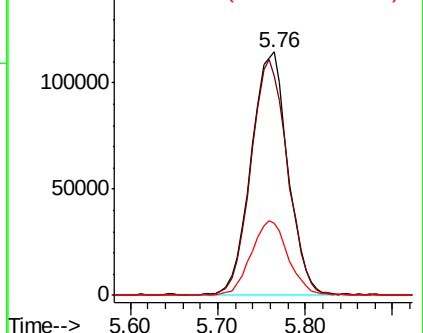
121 29.8 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.897 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

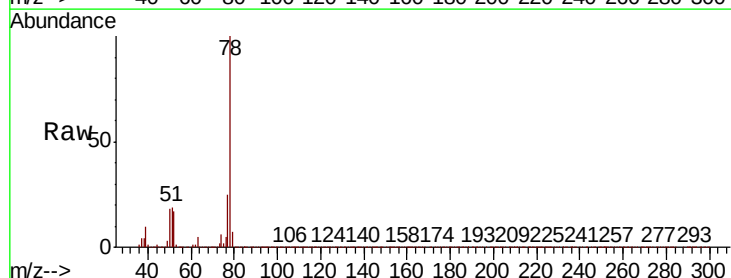
Tgt Ion: 78 Resp: 914672

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.2

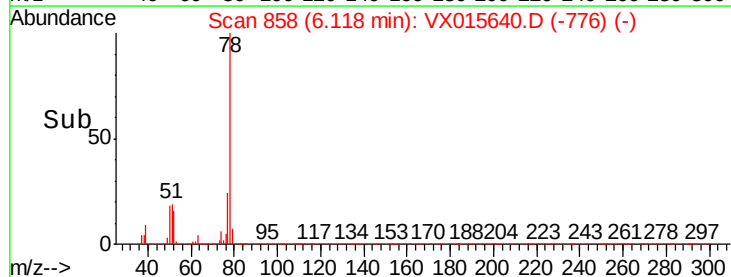
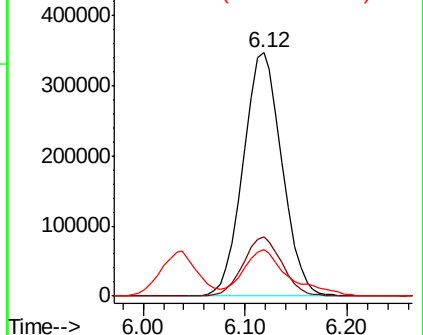
51 17.4 14.6 21.8

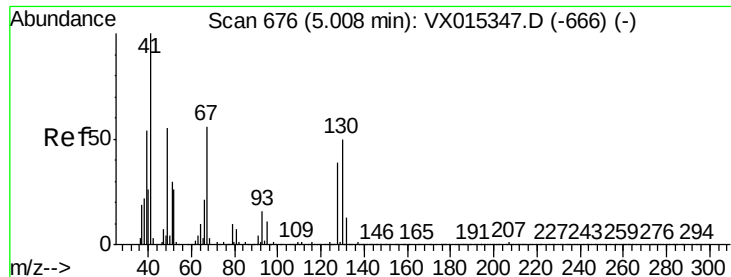


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

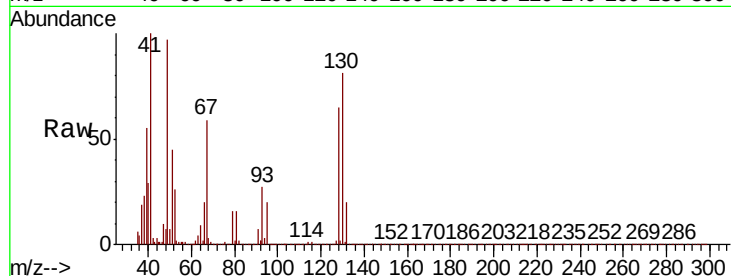




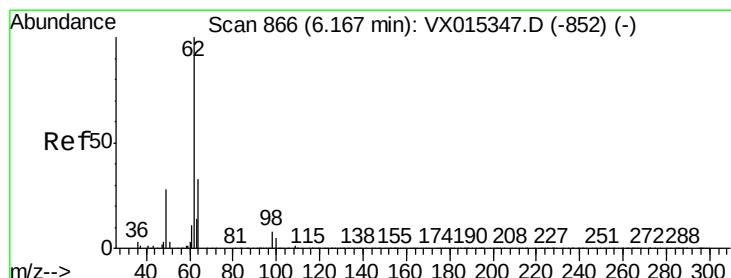
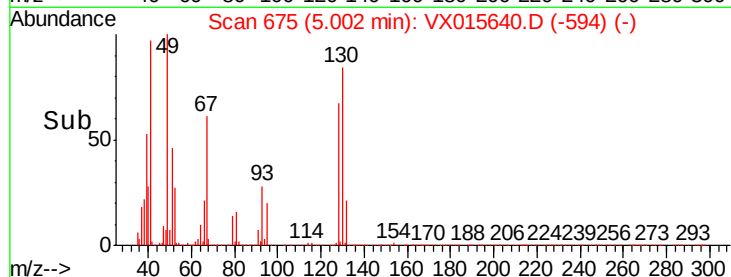
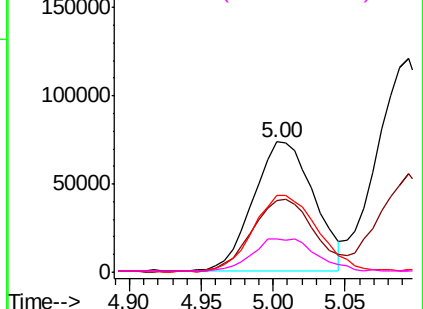
#35
Methacrylonitrile
Concen: 19.783 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	214502
Ion	Ratio	Lower	Upper
41	100		
39	54.5	27.0	81.0
67	59.3	28.2	84.6
52	25.4	12.8	38.3

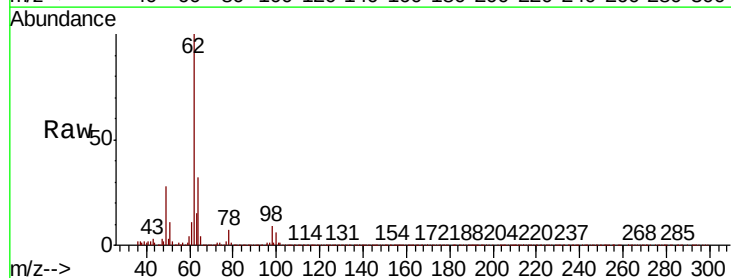


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

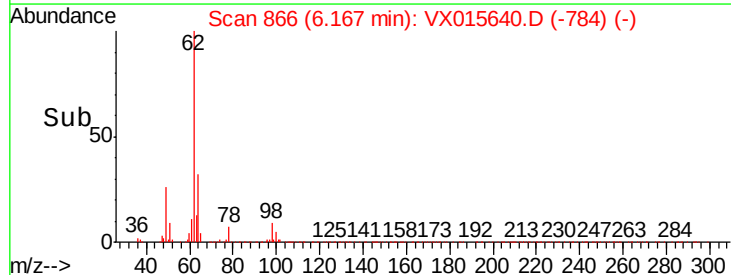
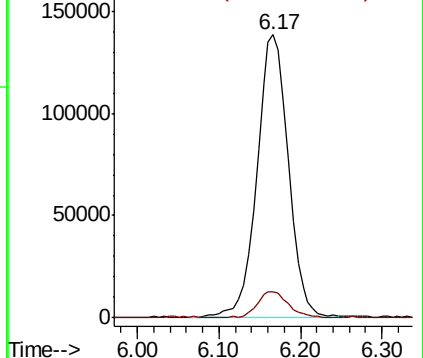


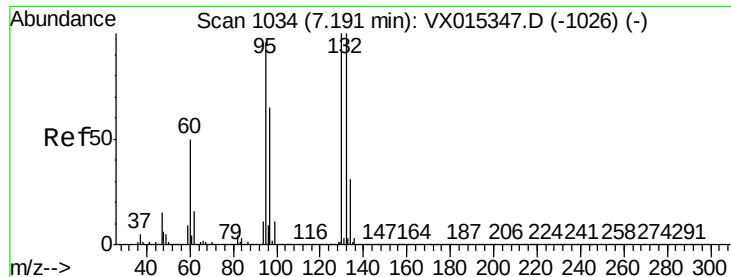
#36
1,2-Dichloroethane
Concen: 21.007 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion:	62	Resp:	373151
Ion	Ratio	Lower	Upper
62	100		
98	9.2	6.9	10.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

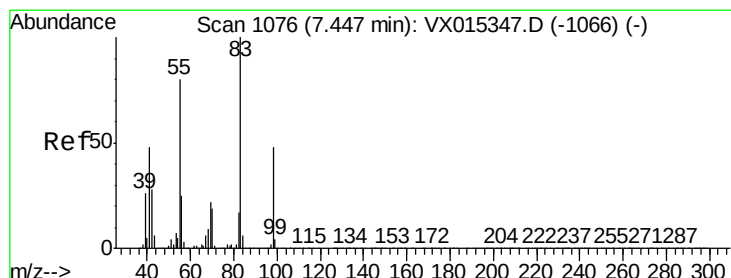
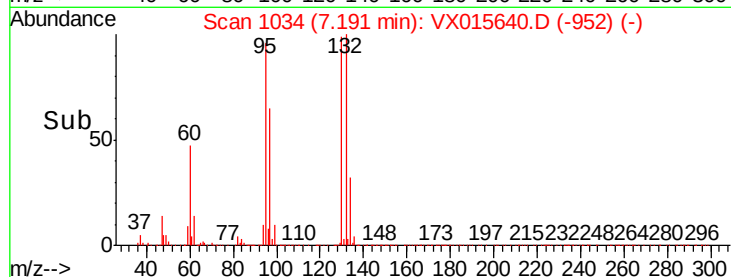
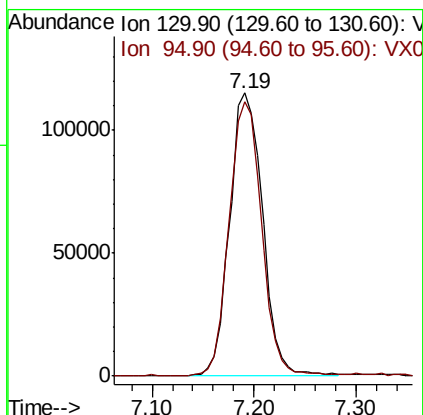
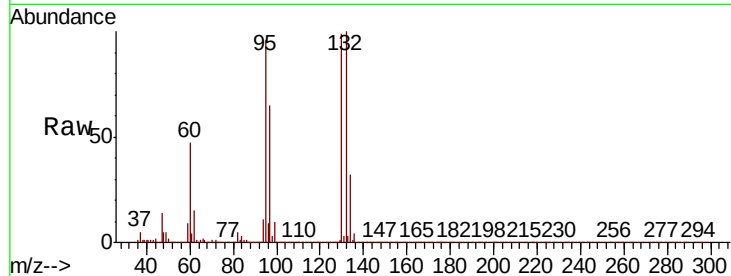




#37
 Trichloroethene
 Concen: 19.905 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

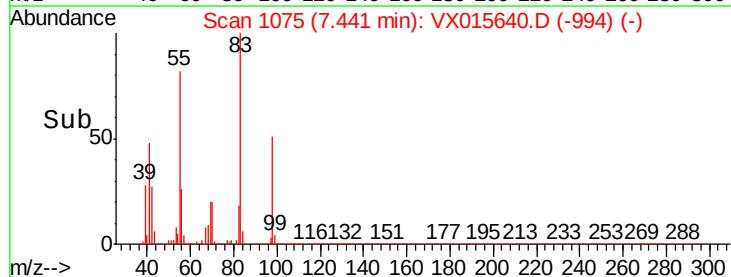
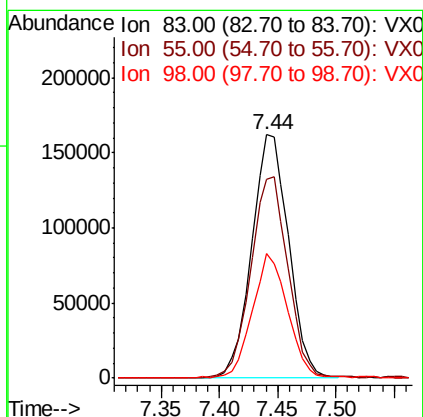
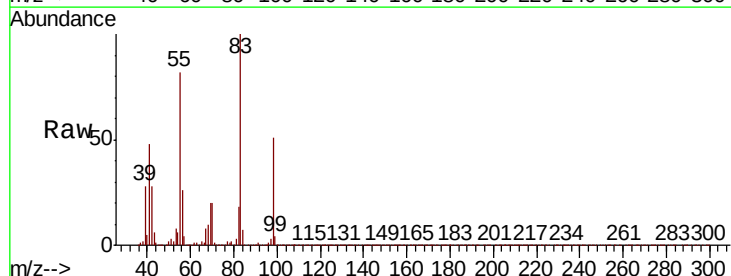
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

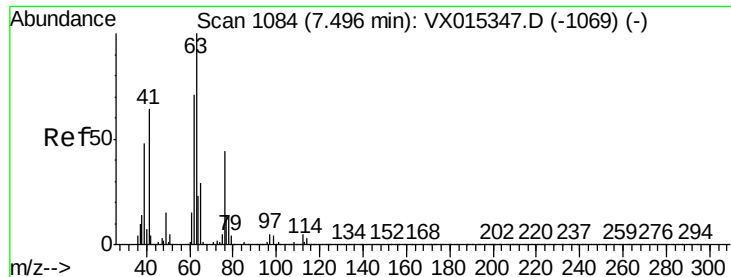
Tot Ion:130 Resp: 257649
 Ion Ratio Lower Upper
 130 100
 95 97.1 76.4 114.6



#38
 Methylcyclohexane
 Concen: 18.182 ug/l
 RT: 7.44 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion: 83 Resp: 355503
 Ion Ratio Lower Upper
 83 100
 55 82.6 41.3 124.1
 98 48.7 24.0 72.0

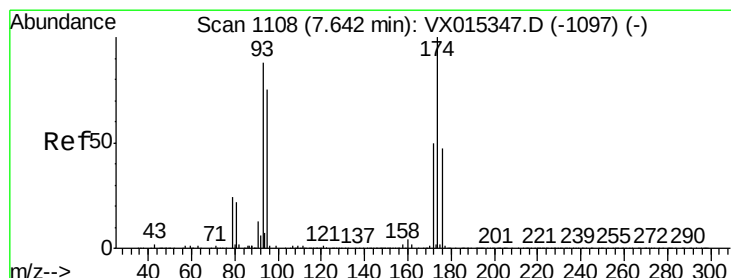
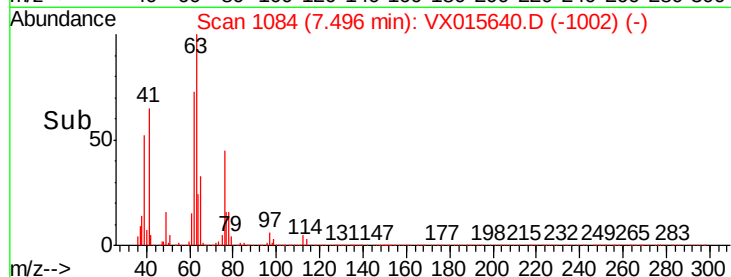
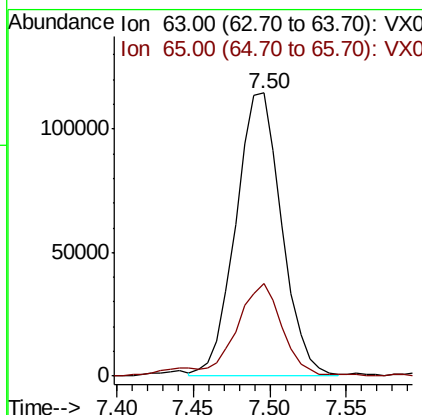
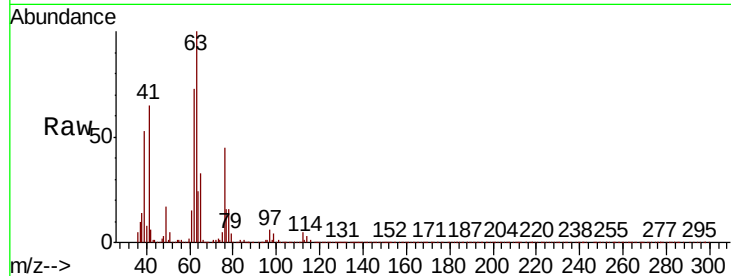




#39
 1,2-Dichloropropane
 Concen: 19.216 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

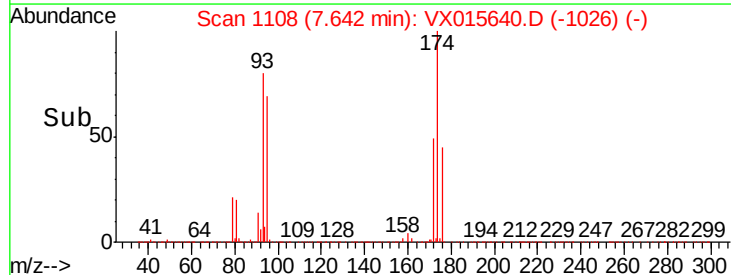
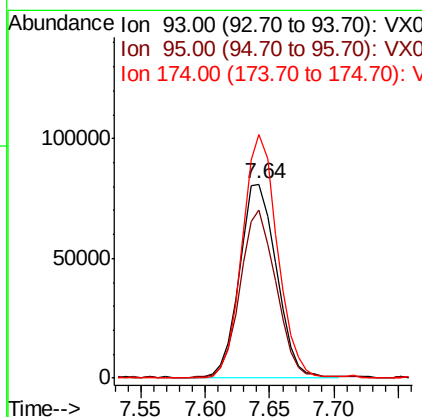
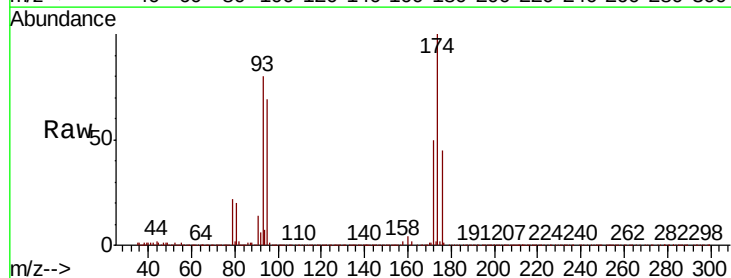
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

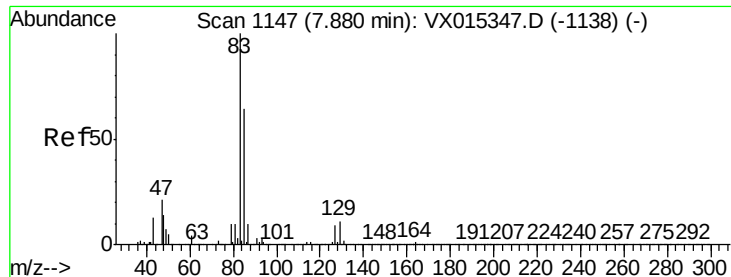
Tot Ion: 63 Resp: 237262
 Ion Ratio Lower Upper
 63 100
 65 32.4 23.0 34.4



#40
 Dibromomethane
 Concen: 19.611 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion: 93 Resp: 161176
 Ion Ratio Lower Upper
 93 100
 95 83.2 0.0 166.4
 174 118.7 0.0 225.4





#41

Bromodichloromethane

Concen: 18.951 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

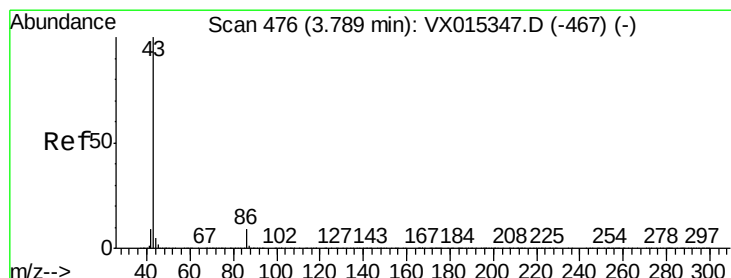
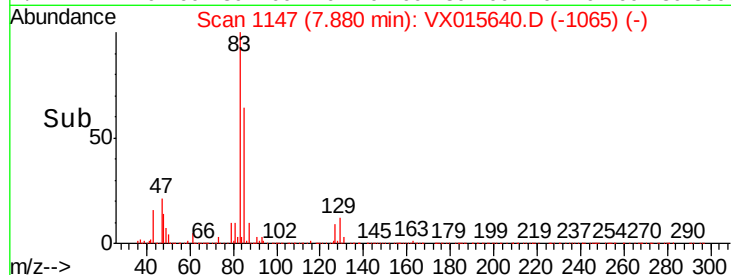
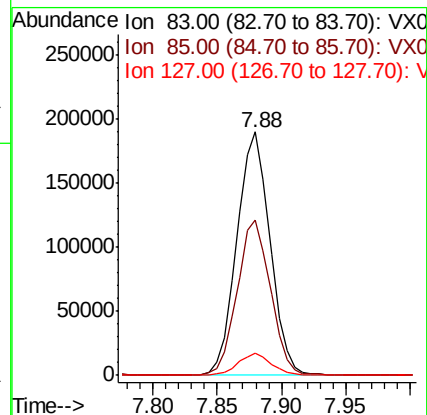
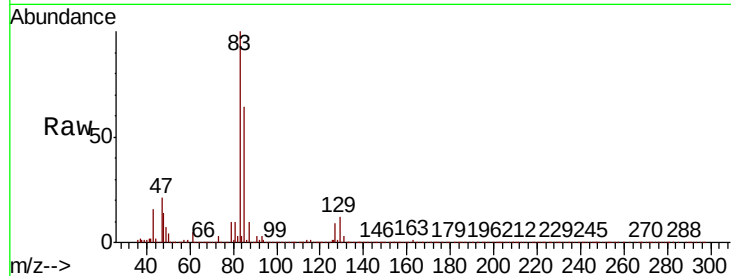
Tot Ion: 83 Resp: 338489

Ion Ratio Lower Upper

83 100

85 63.9 51.6 77.4

127 9.0 7.0 10.4



#42

Vinyl Acetate

Concen: 101.839 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015640.D

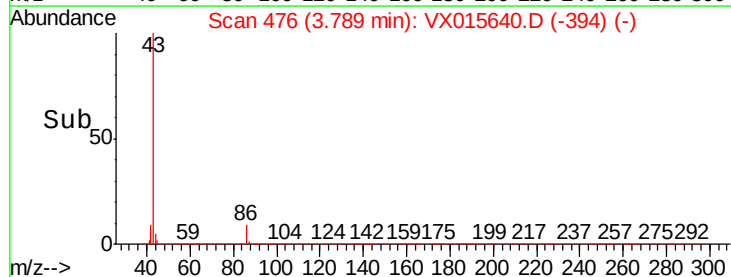
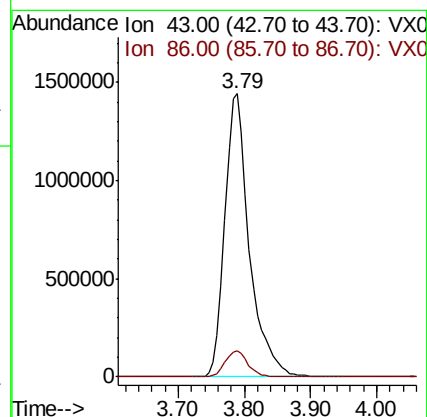
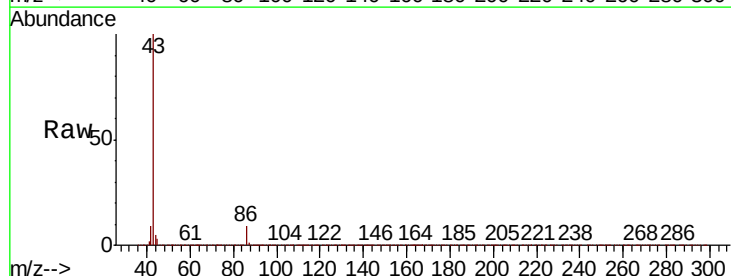
Acq: 10 Apr 2020 22:21

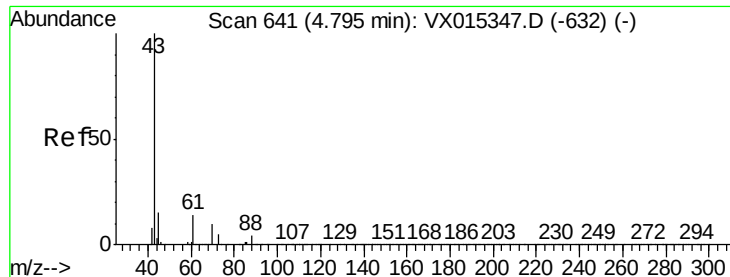
Tgt Ion: 43 Resp: 3689427

Ion Ratio Lower Upper

43 100

86 8.6 6.9 10.3

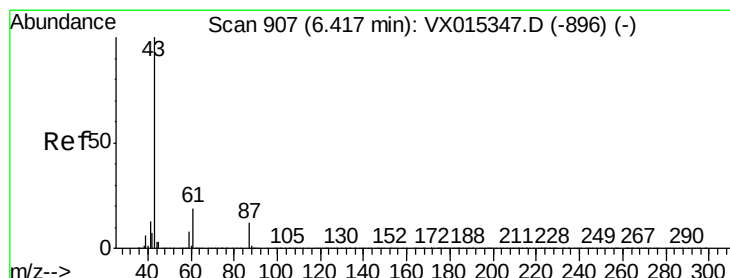
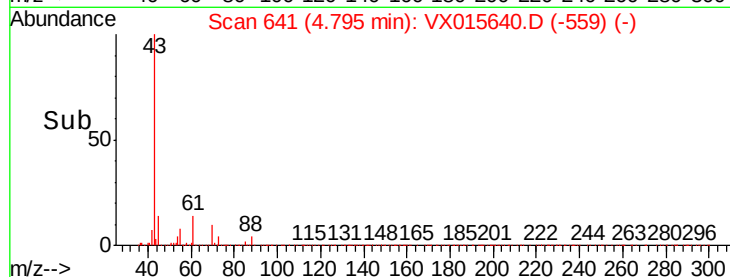
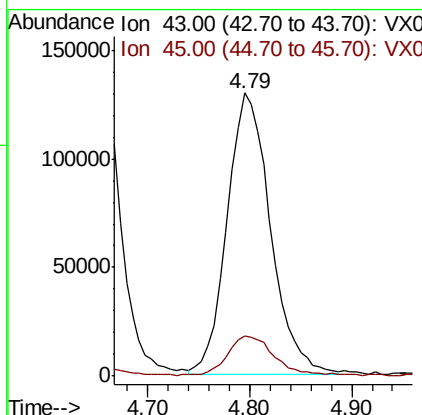
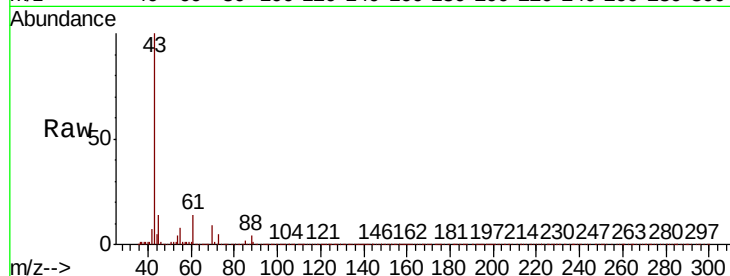




#43
Ethyl Acetate
Concen: 18.438 ug/l
RT: 4.79 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

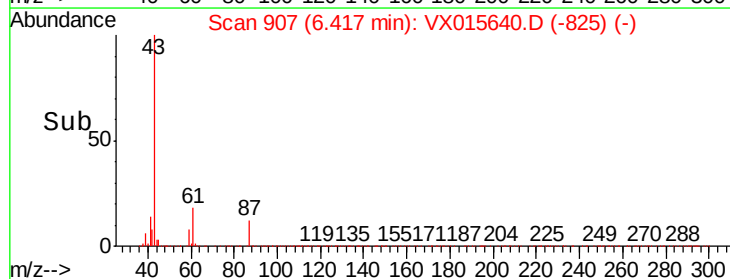
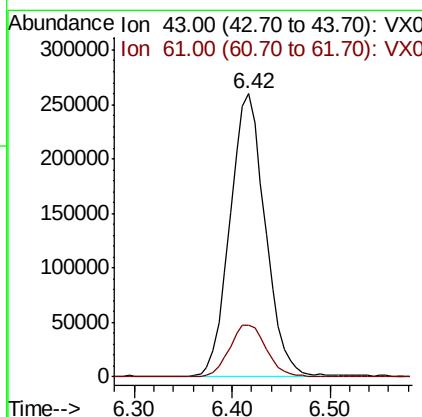
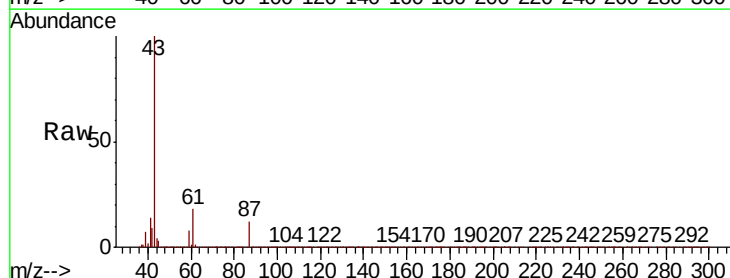
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

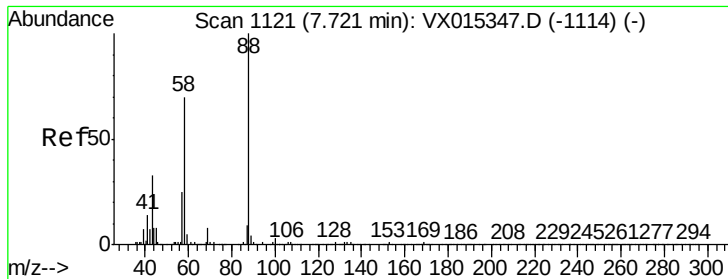
Tot Ion: 43 Resp: 383473
Ion Ratio Lower Upper
43 100
45 14.5 12.2 18.4



#44
Isopropyl Acetate
Concen: 19.422 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion: 43 Resp: 650068
Ion Ratio Lower Upper
43 100
61 18.6 14.6 22.0





#45

1,4-Dioxane

Concen: 367.576 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

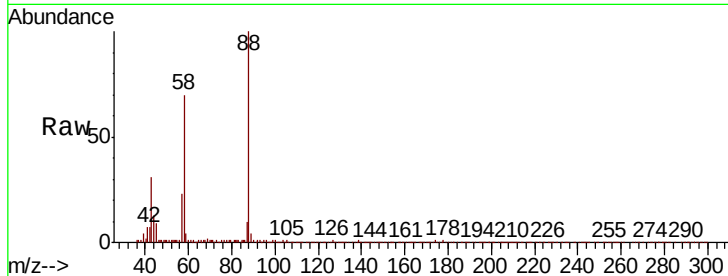
Tot Ion: 88 Resp: 113341

Ion Ratio Lower Upper

88 100

43 38.3 32.1 48.1

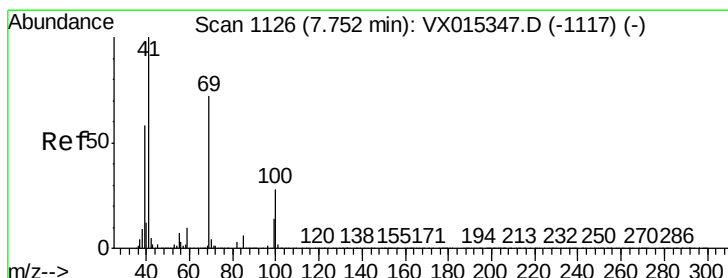
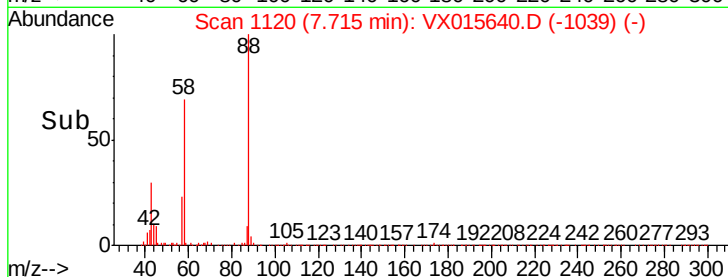
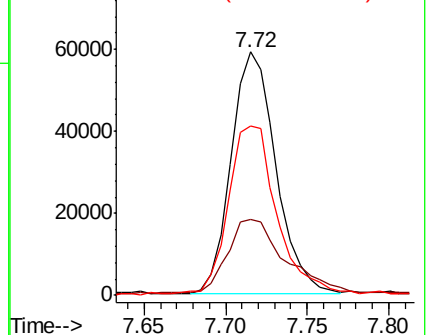
58 74.2 59.4 89.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.313 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

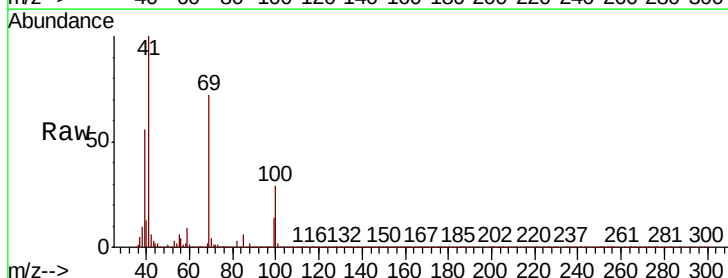
Tgt Ion: 41 Resp: 322583

Ion Ratio Lower Upper

41 100

69 72.3 35.8 107.4

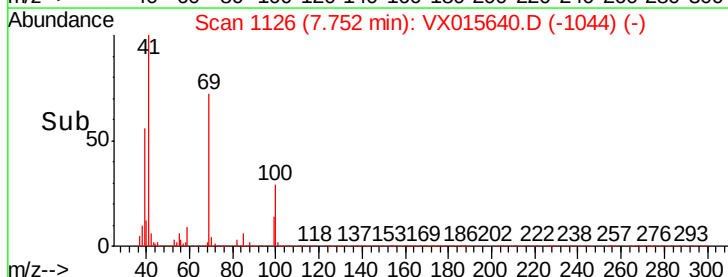
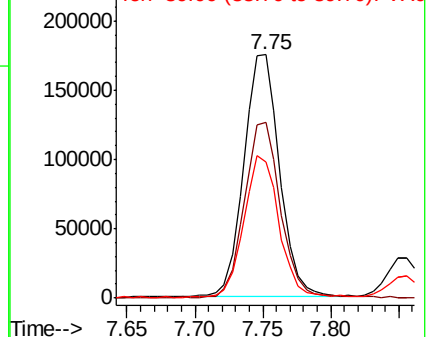
39 55.6 28.9 86.8

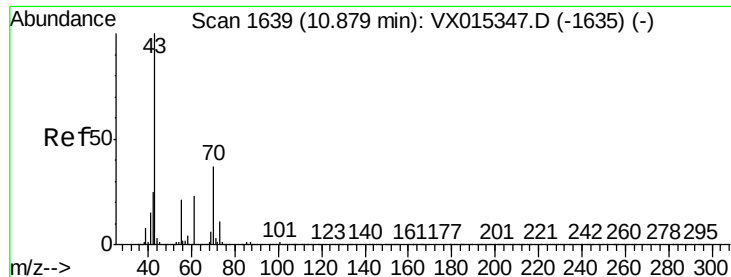


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

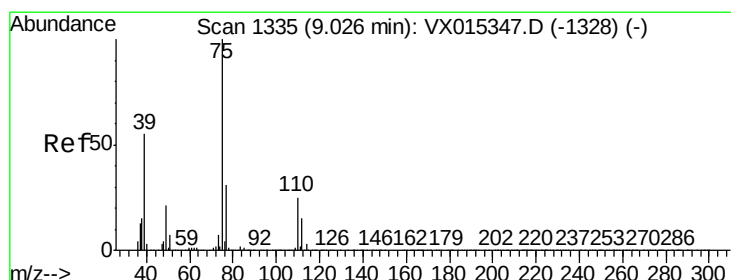
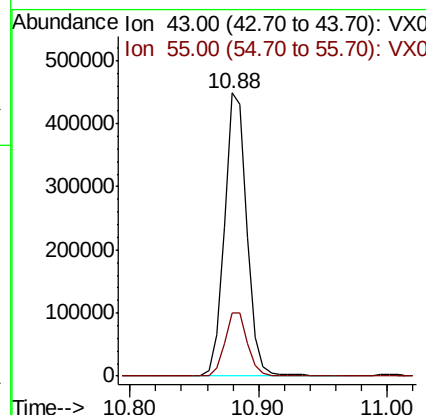
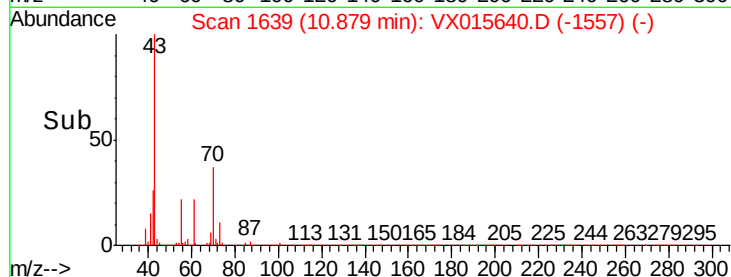
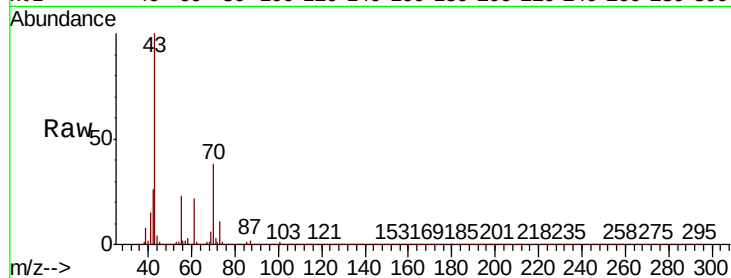




#47
n-amvl Acetate
Concen: 19.001 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

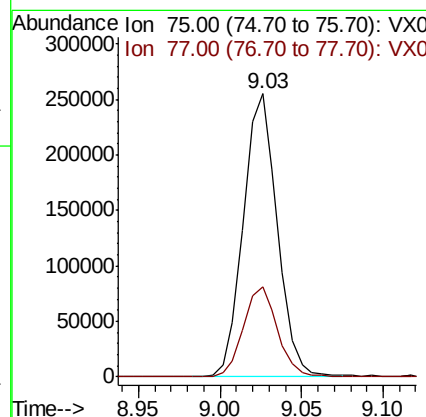
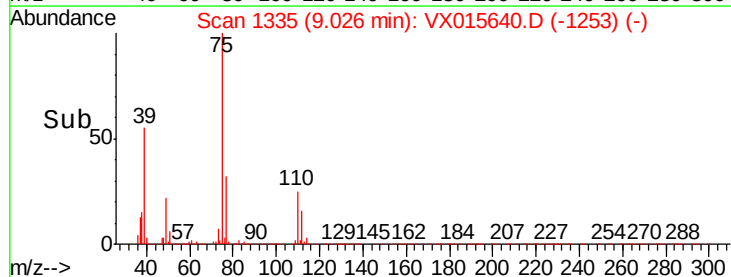
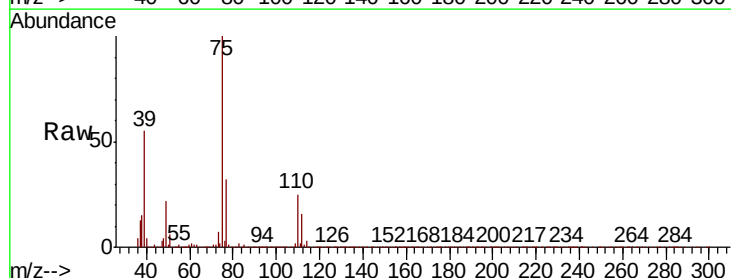
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

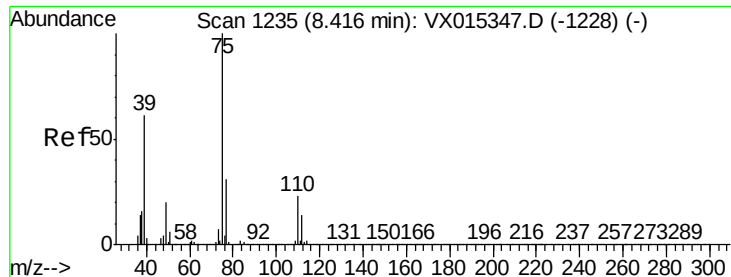
Tot Ion: 43 Resp: 548371
Ion Ratio Lower Upper
43 100
55 22.7 17.0 25.6



#48
t-1,3-Dichloropropene
Concen: 17.902 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion: 75 Resp: 369116
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0



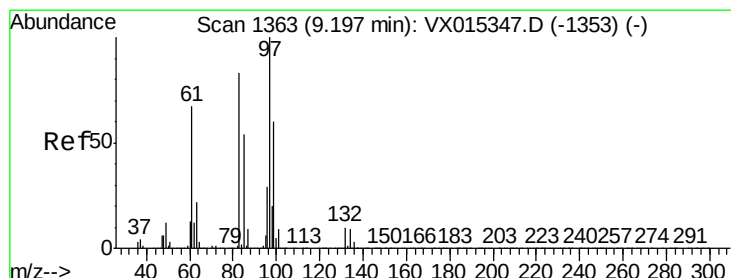
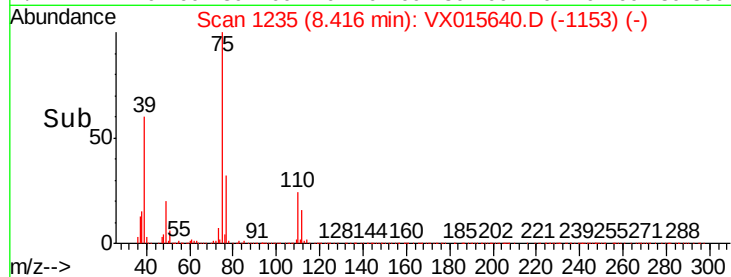
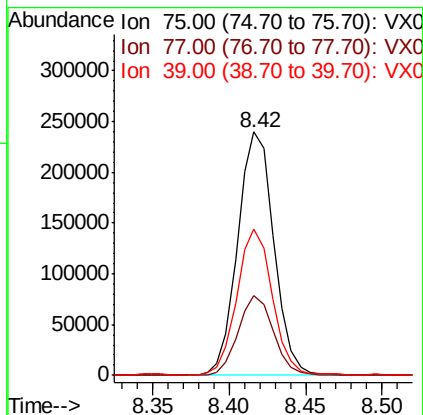
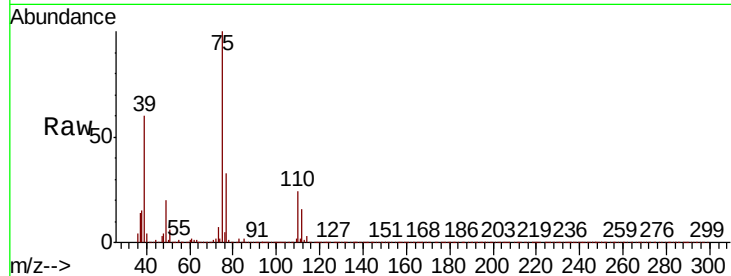


#49

cis-1,3-Dichloropropene
Concen: 18.453 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

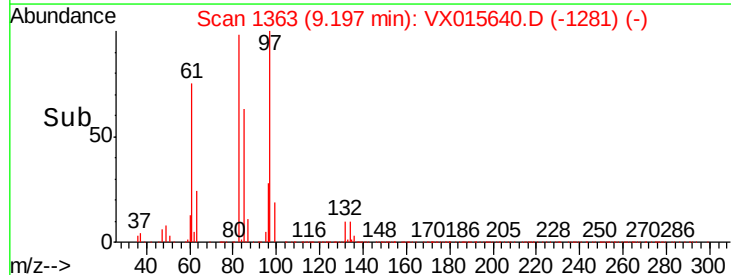
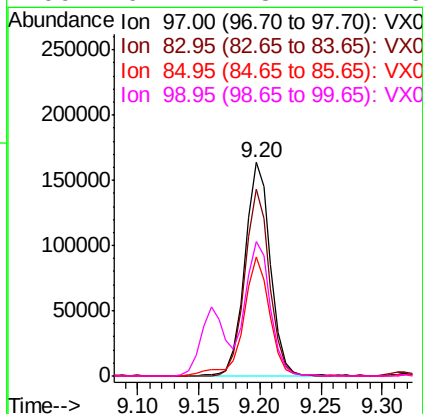
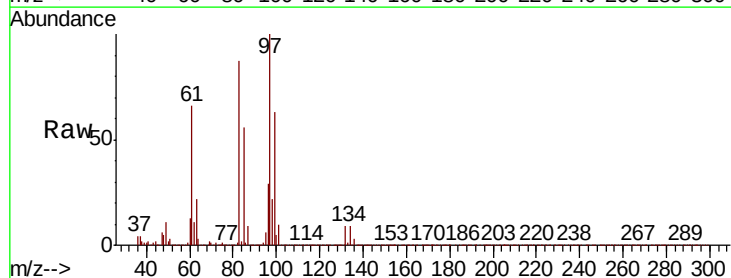
Tot Ion:	75	Resp:	392738
Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.6	36.8
39	59.8	48.9	73.3

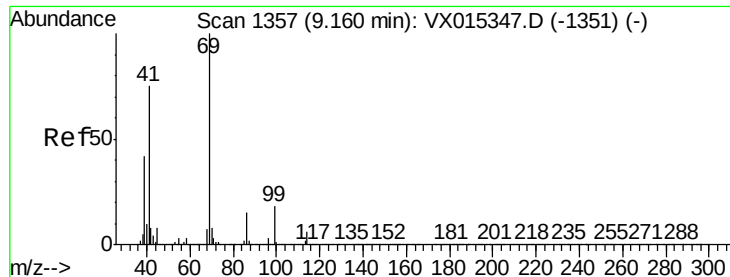


#50

1,1,2-Trichloroethane
Concen: 20.136 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion:	97	Resp:	237496
Ion	Ratio	Lower	Upper
97	100		
83	87.3	66.8	100.2
85	56.0	43.3	64.9
99	62.7	48.4	72.6





#51

Ethyl methacrylate

Concen: 19.328 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

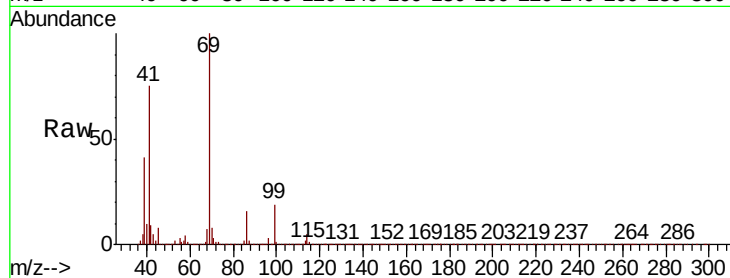
Tot Ion: 69 Resp: 392068

Ion Ratio Lower Upper

69 100

41 74.5 37.4 112.2

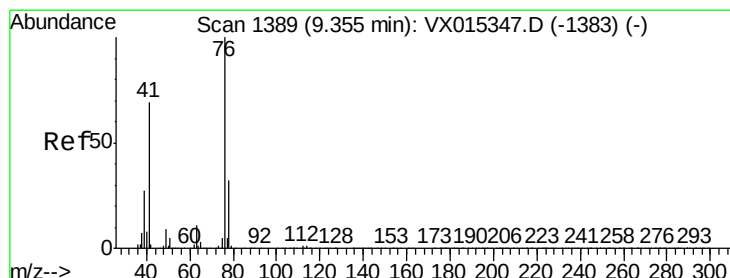
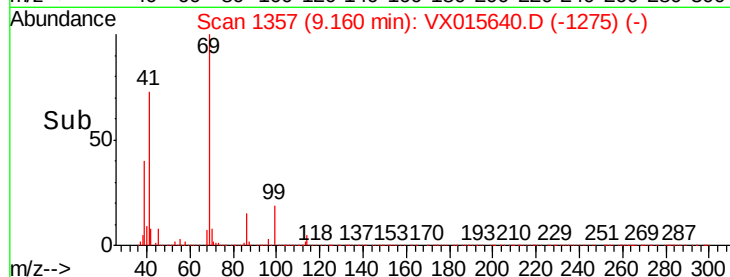
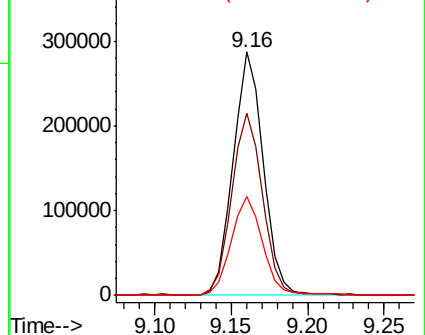
39 40.6 21.1 63.1



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



#52

1,3-Dichloropropane

Concen: 20.088 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015640.D

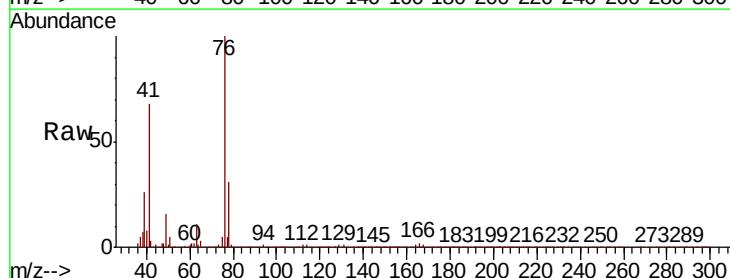
Acq: 10 Apr 2020 22:21

Tgt Ion: 76 Resp: 409222

Ion Ratio Lower Upper

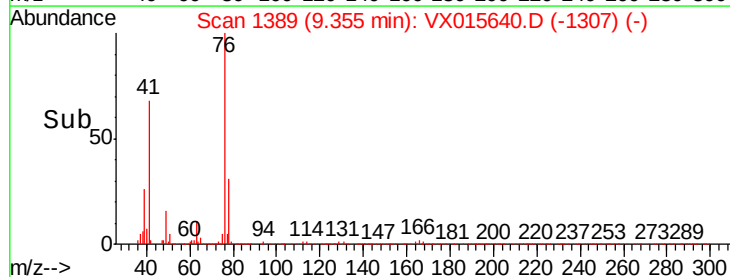
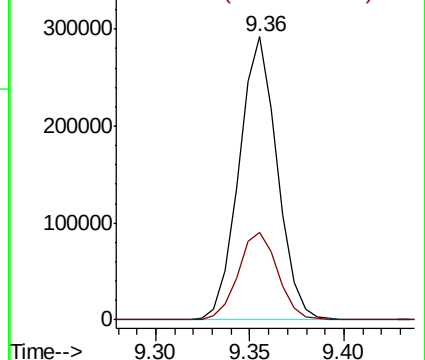
76 100

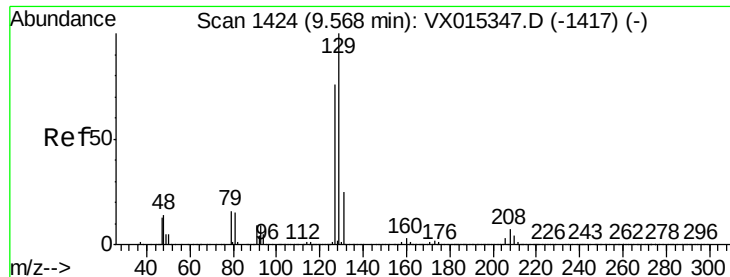
78 32.1 0.0 63.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.782 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

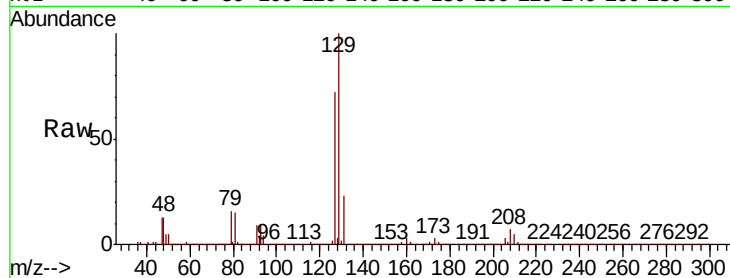
VSTDCCC020EC

Tot Ion:129 Resp: 273074

Ion Ratio Lower Upper

129 100

127 74.8 38.6 115.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57

200000

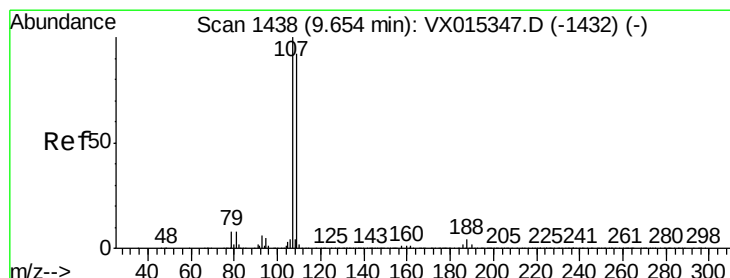
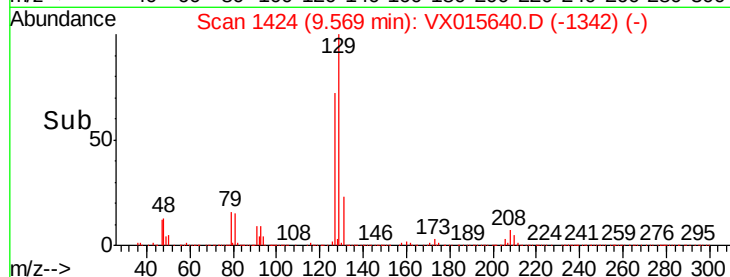
150000

100000

50000

0

Time-->



#54

1,2-Dibromoethane

Concen: 20.168 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015640.D

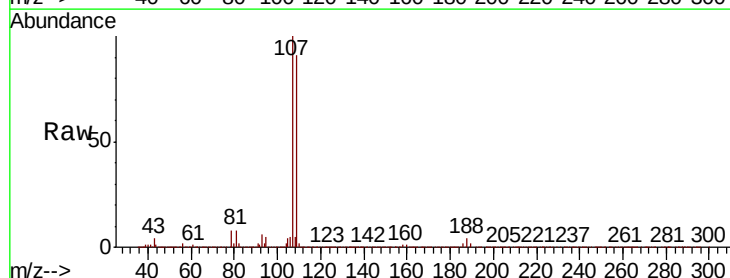
Acq: 10 Apr 2020 22:21

Tgt Ion:107 Resp: 255233

Ion Ratio Lower Upper

107 100

109 92.0 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

200000

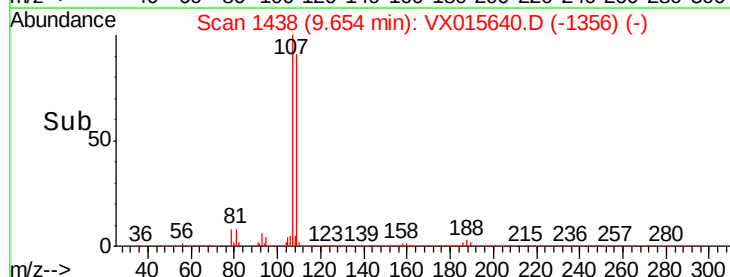
150000

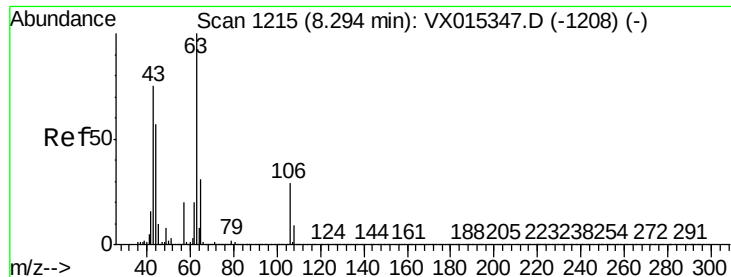
100000

50000

0

Time-->

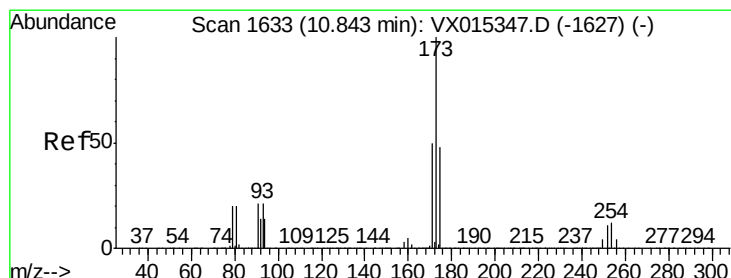
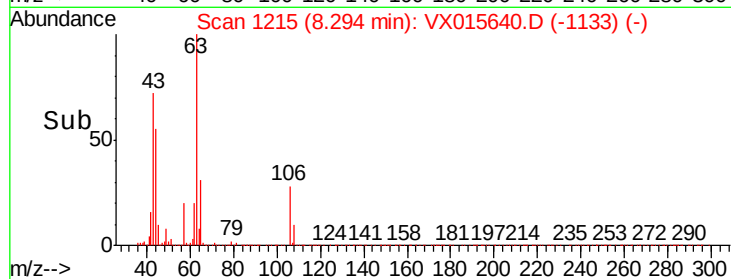
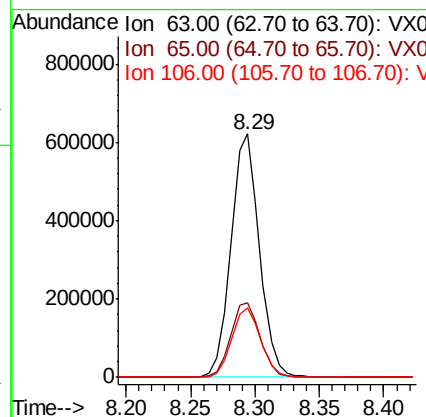
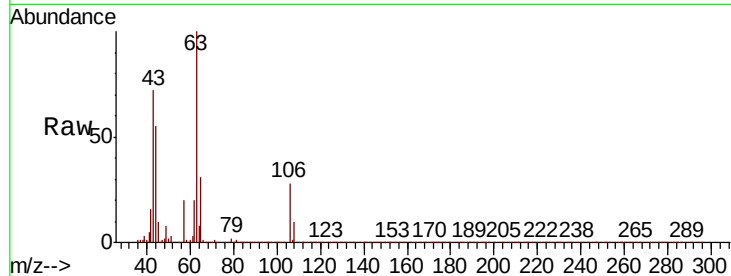




#55
 2-Chloroethyl vinyl ether
 Concen: 100.178 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

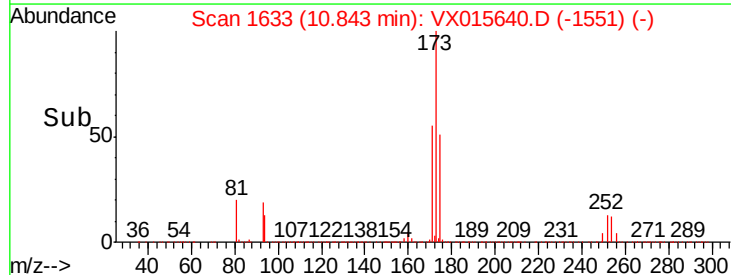
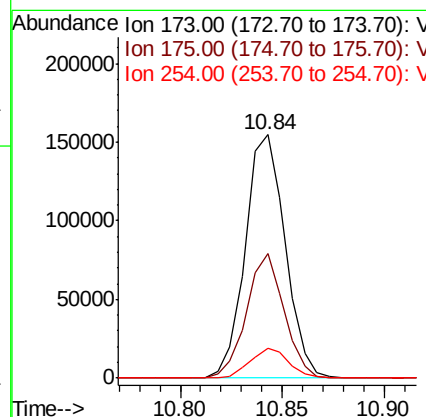
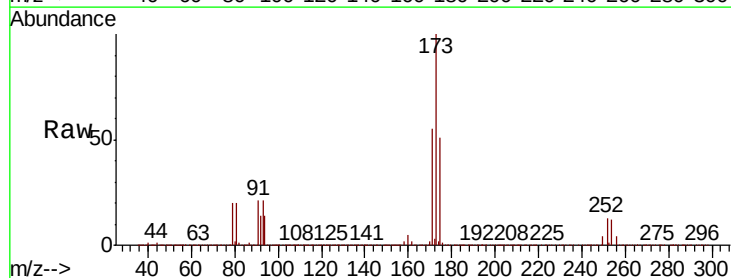
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

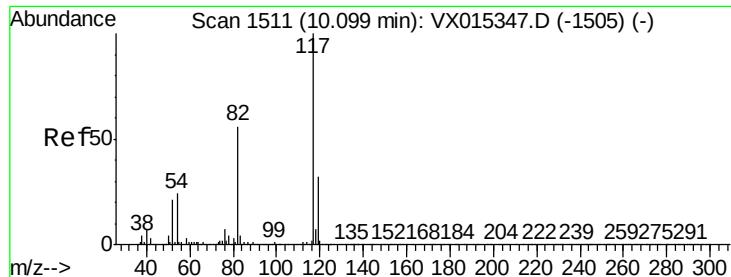
Tot Ion:	63	Resp:	959753
Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.5	38.3
106	29.1	23.1	34.7



#56
 Bromoform
 Concen: 17.562 ug/l
 RT: 10.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion:	173	Resp:	209942
Ion	Ratio	Lower	Upper
173	100		
175	48.3	39.0	58.4
254	12.1	9.4	14.2

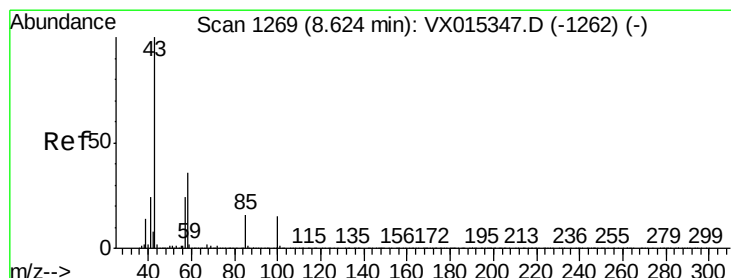
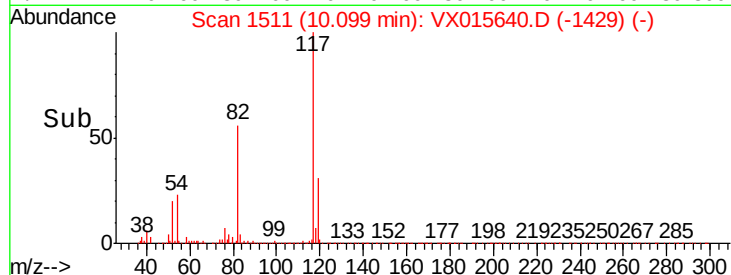
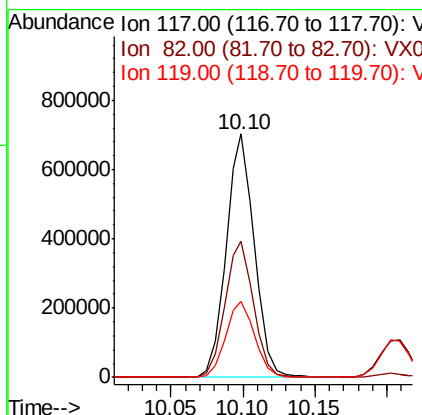
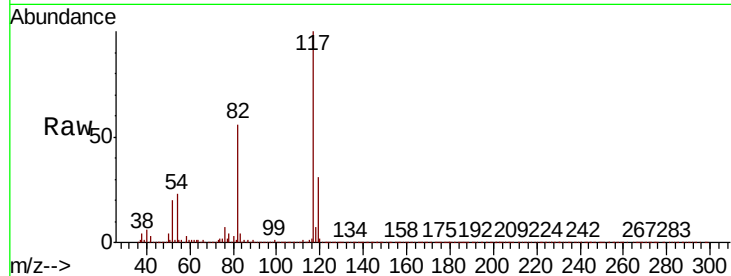




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

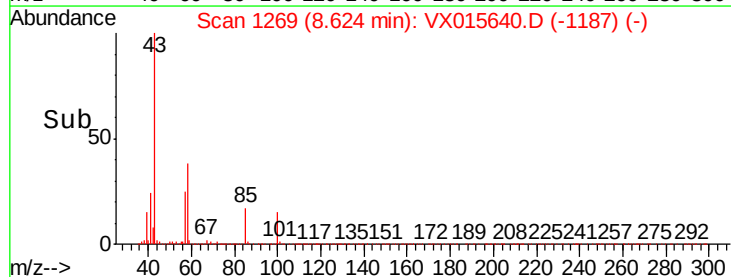
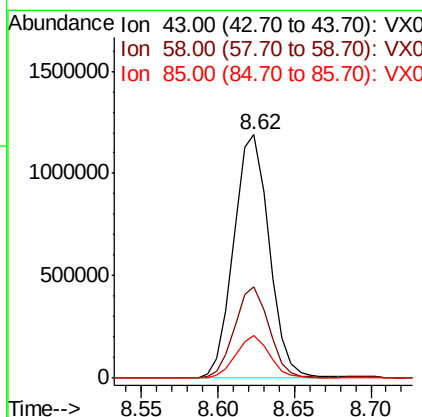
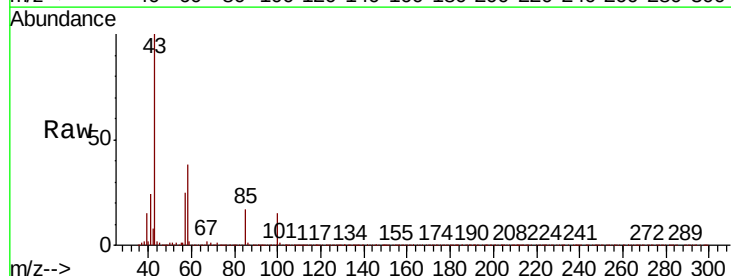
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

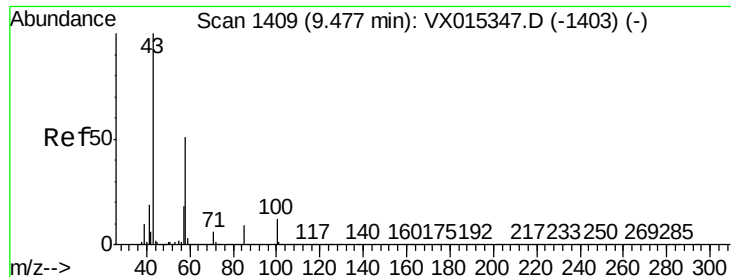
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.0	67.6
119	32.3	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 104.501 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.4	44.0
85	16.4	13.0	19.4

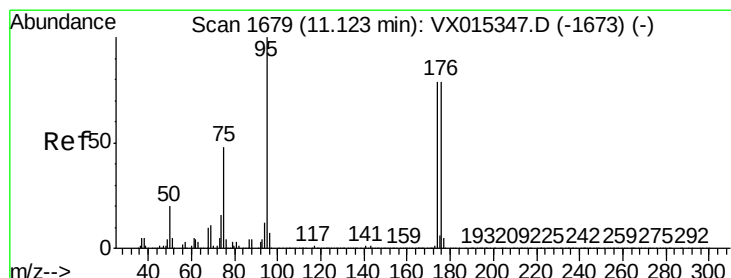
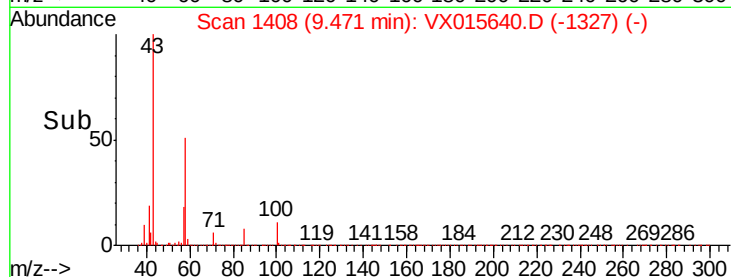
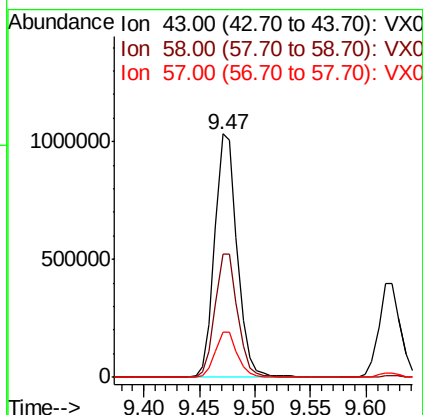
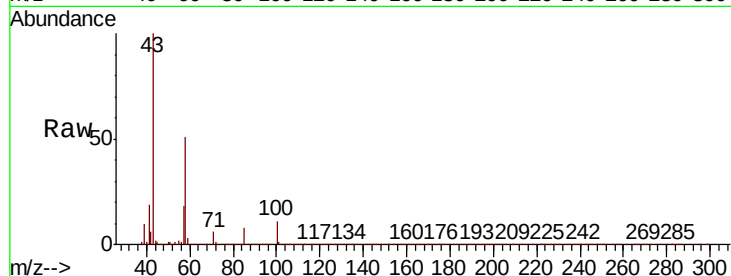




#59
2-Hexanone
Concen: 103.615 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

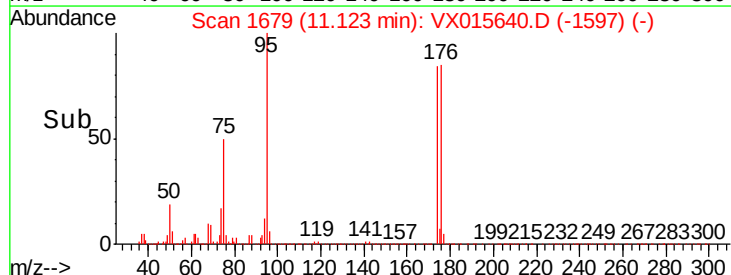
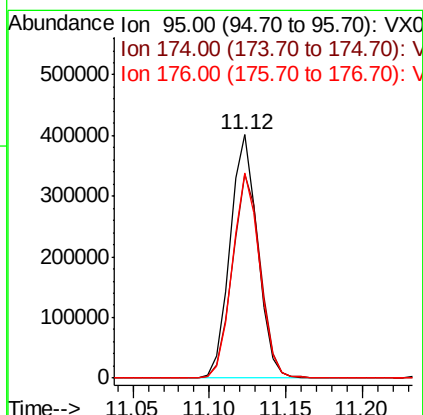
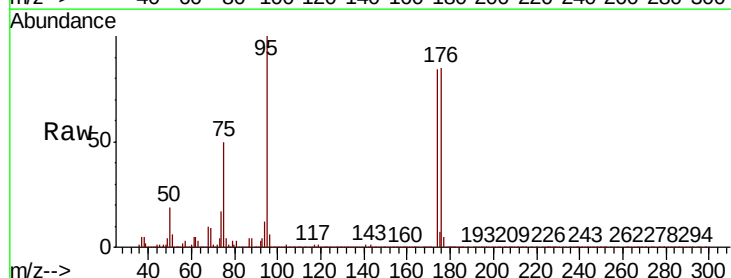
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

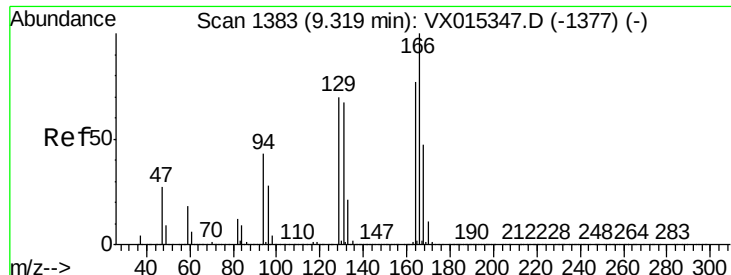
Tot Ion: 43 Resp: 1447546
Ion Ratio Lower Upper
43 100
58 51.1 40.2 60.4
57 18.4 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 30.334 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion: 95 Resp: 498107
Ion Ratio Lower Upper
95 100
174 85.5 66.4 99.6
176 83.8 64.1 96.1





#61

Tetrachloroethene

Concen: 19.475 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 240183

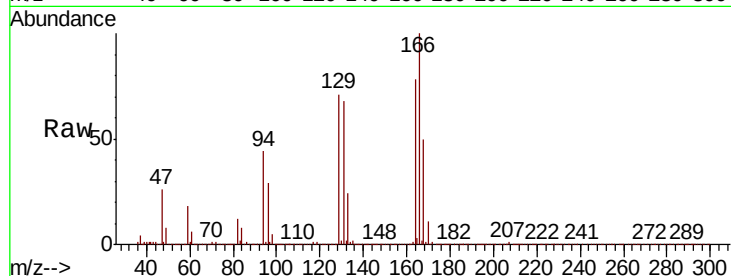
Ion Ratio Lower Upper

164 100

166 127.8 103.6 155.4

129 91.0 72.6 108.8

131 86.3 69.8 104.6

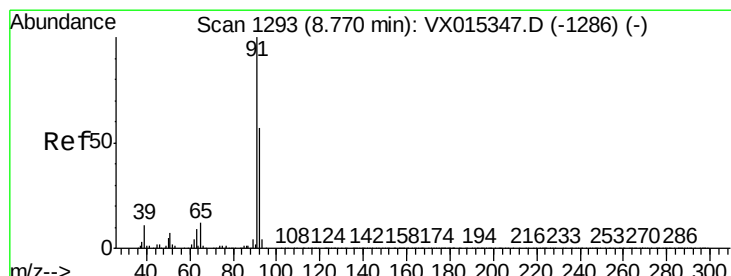
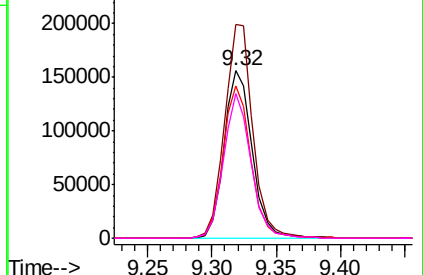
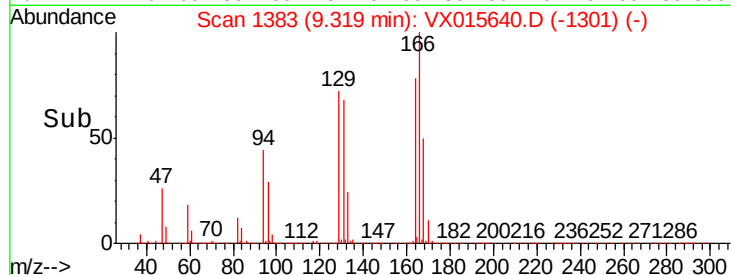


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.095 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015640.D

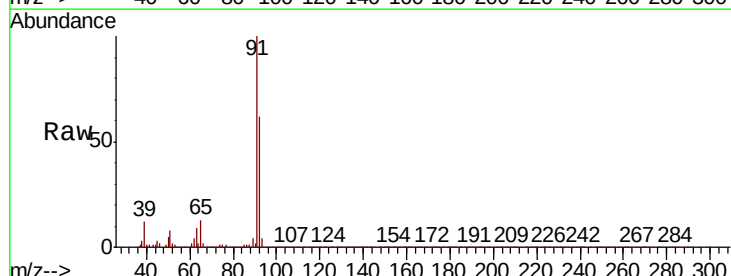
Acq: 10 Apr 2020 22:21

Tgt Ion: 91 Resp: 976631

Ion Ratio Lower Upper

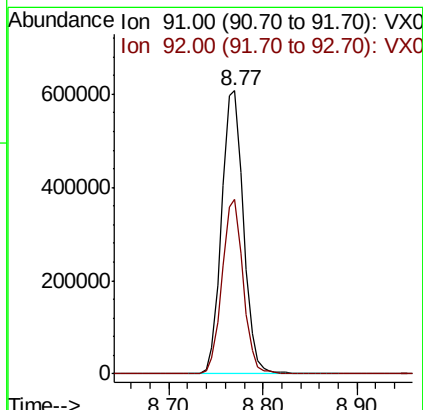
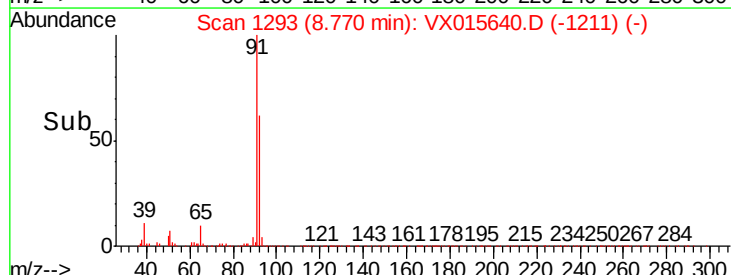
91 100

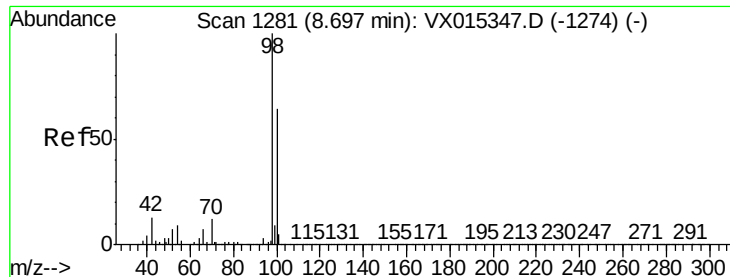
92 59.5 46.7 70.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.031 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

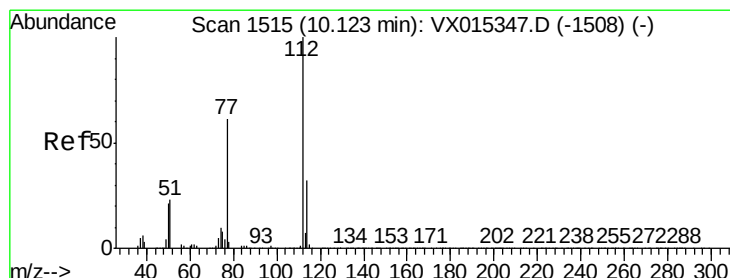
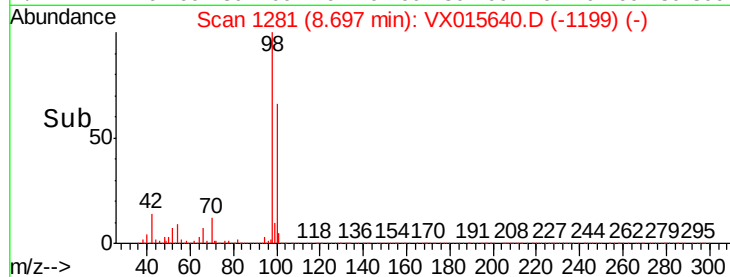
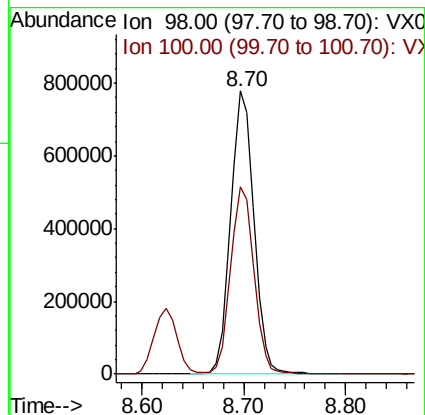
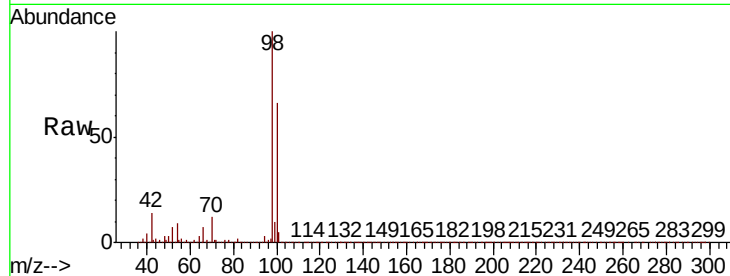
VSTDCCC020EC

Tot Ion: 98 Resp: 1224230

Ion Ratio Lower Upper

98 100

100 66.5 52.2 78.2



#64

Chlorobenzene

Concen: 20.462 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015640.D

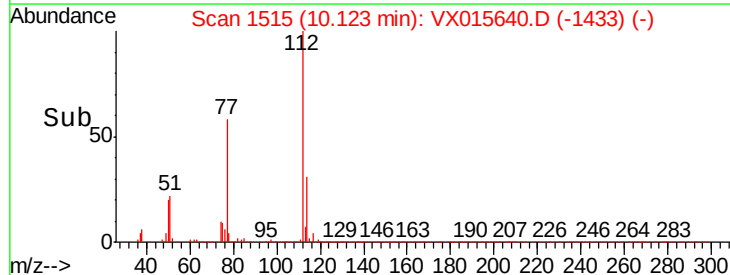
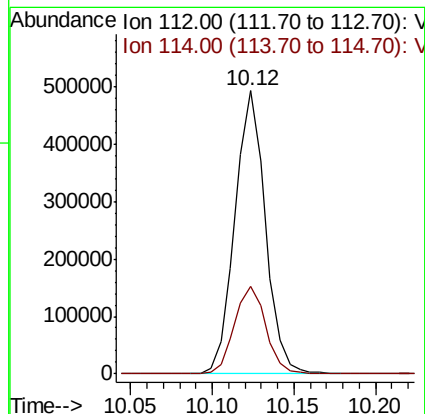
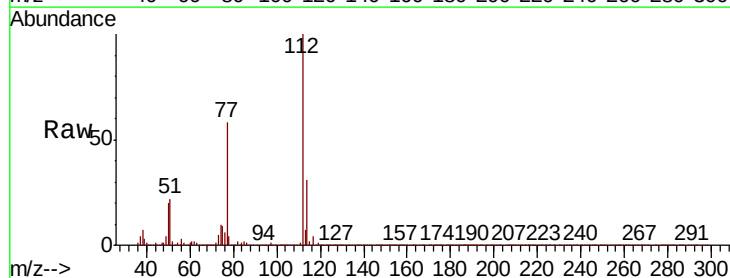
Acq: 10 Apr 2020 22:21

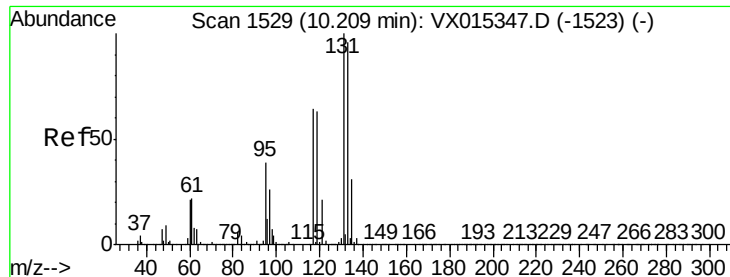
Tgt Ion: 112 Resp: 639384

Ion Ratio Lower Upper

112 100

114 30.9 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 19.272 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

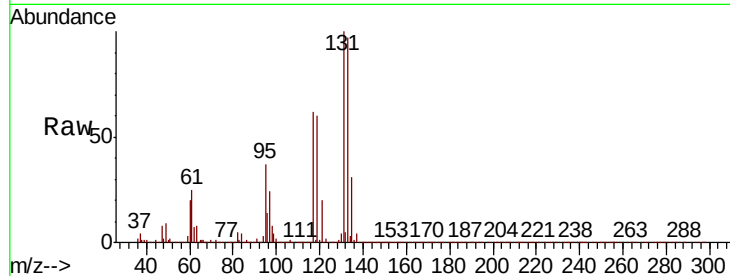
Tot Ion:131 Resp: 246079

Ion Ratio Lower Upper

131 100

133 94.5 0.0 193.6

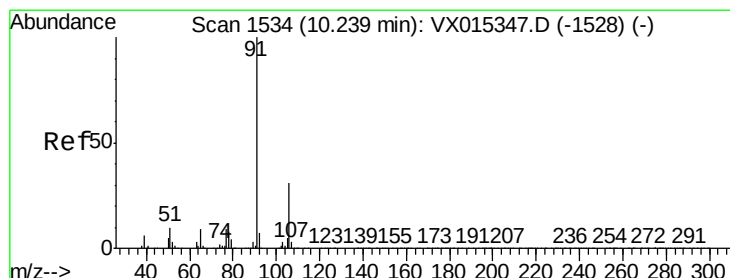
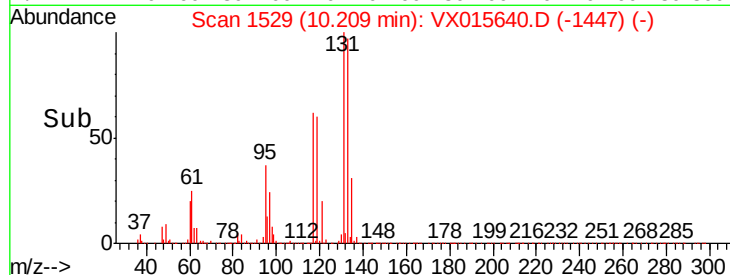
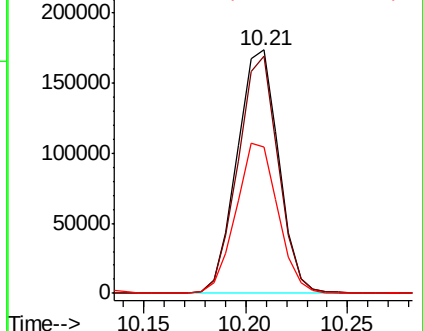
119 61.6 0.0 128.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.543 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015640.D

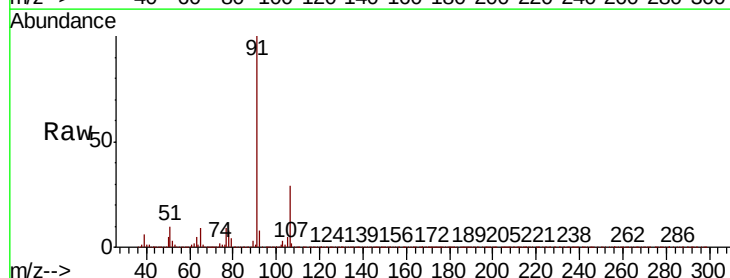
Acq: 10 Apr 2020 22:21

Tgt Ion: 91 Resp: 1140556

Ion Ratio Lower Upper

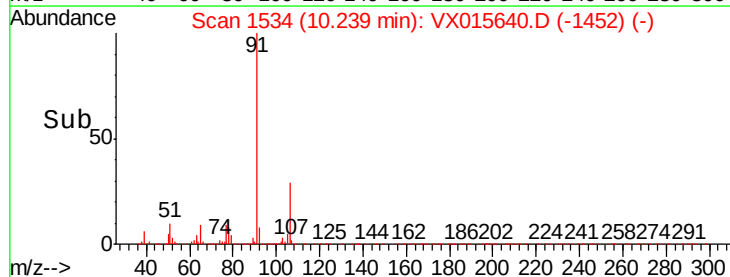
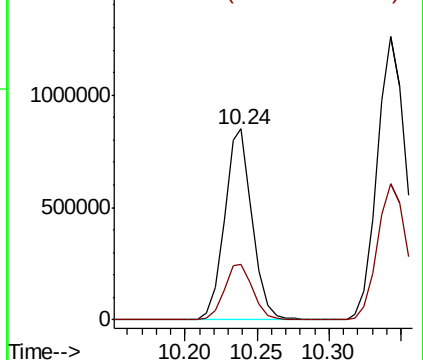
91 100

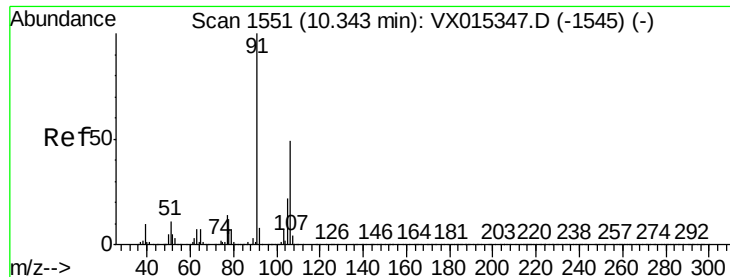
106 29.3 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

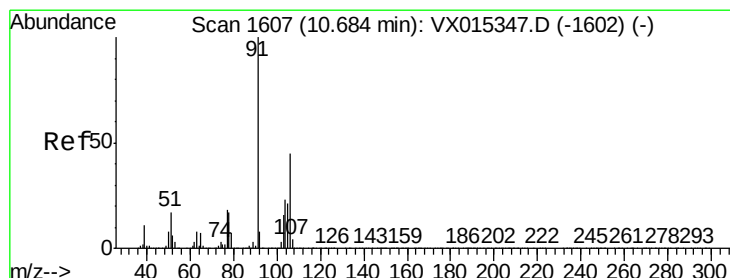
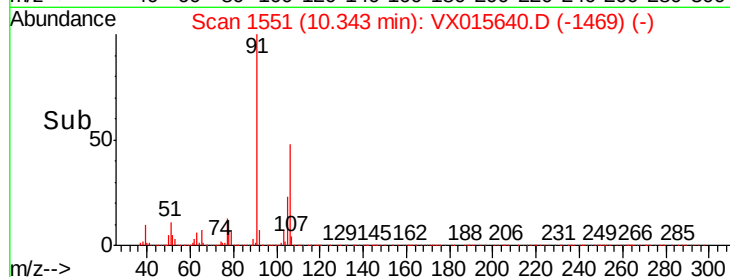
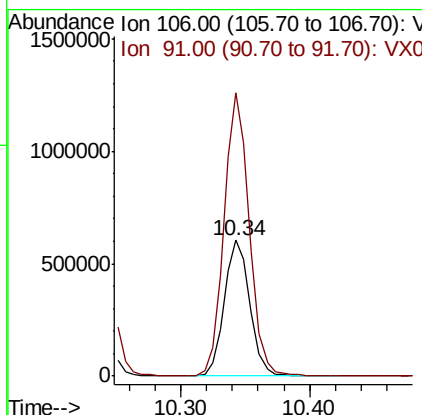
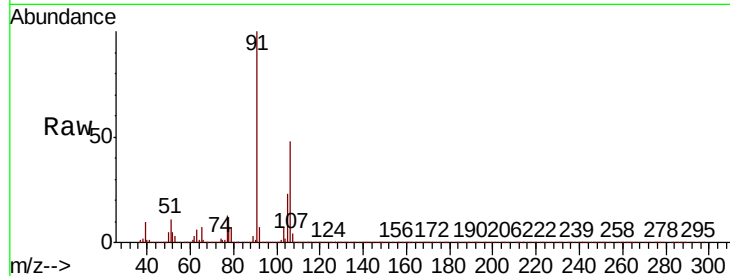




#67
m/p-Xylenes
Concen: 40.225 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

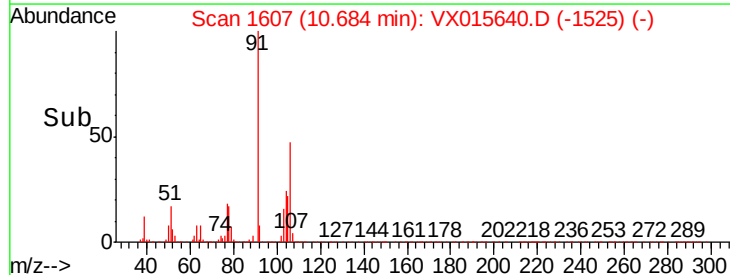
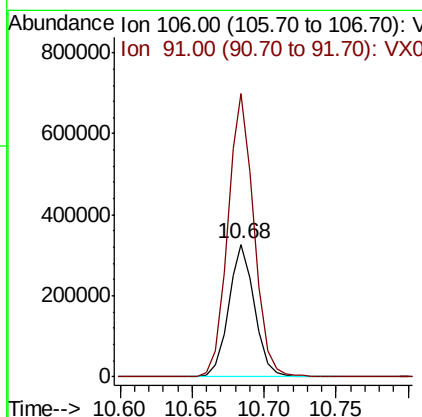
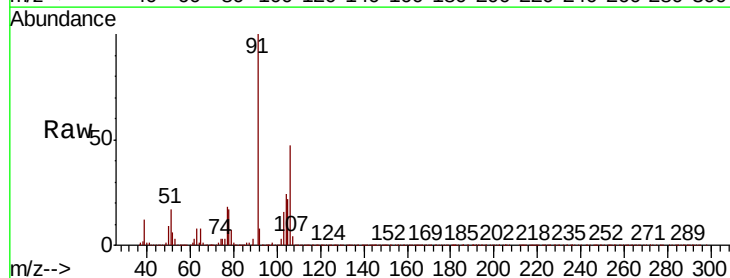
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

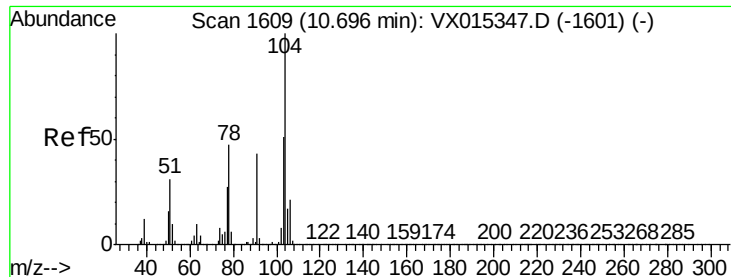
Tot Ion:106 Resp: 845281
Ion Ratio Lower Upper
106 100
91 204.2 165.0 247.4



#68
o-Xylene
Concen: 20.061 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion:106 Resp: 412051
Ion Ratio Lower Upper
106 100
91 215.4 109.1 327.2

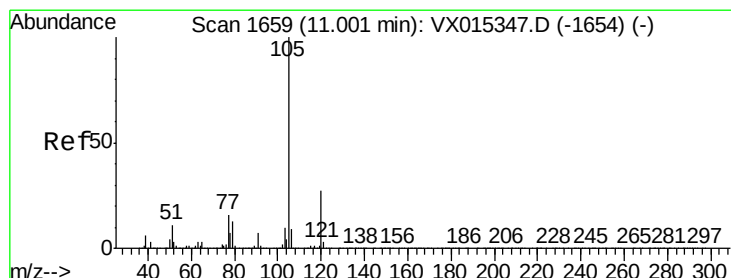
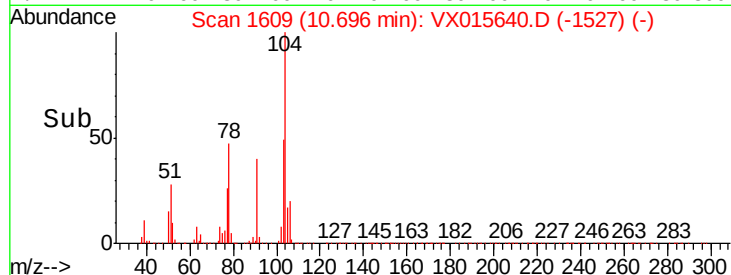
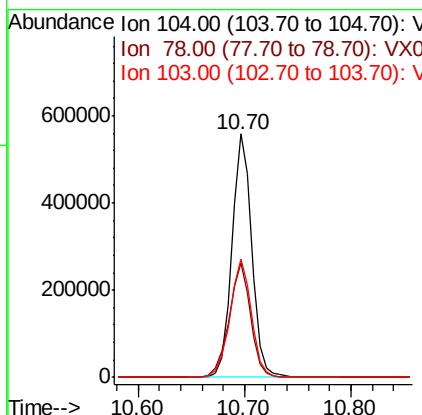
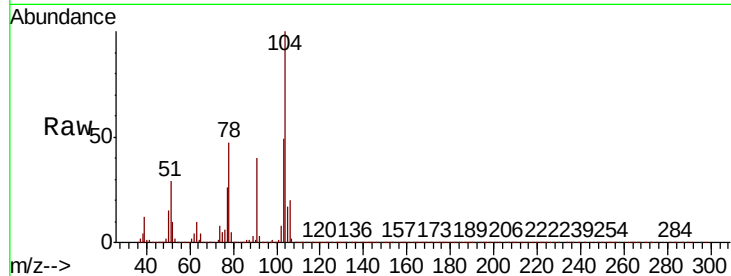




#69
Stvrene
Concen: 20.366 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

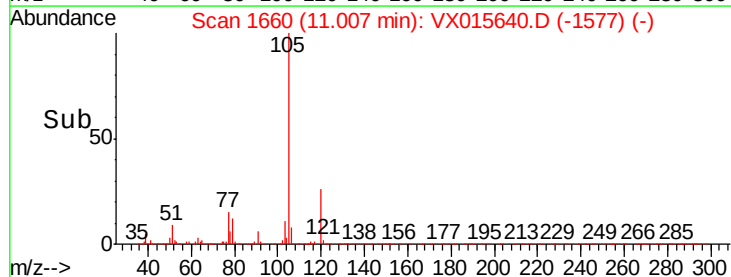
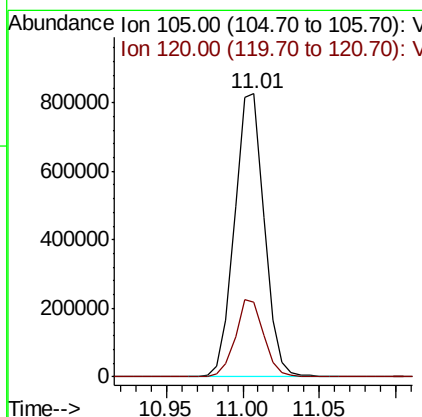
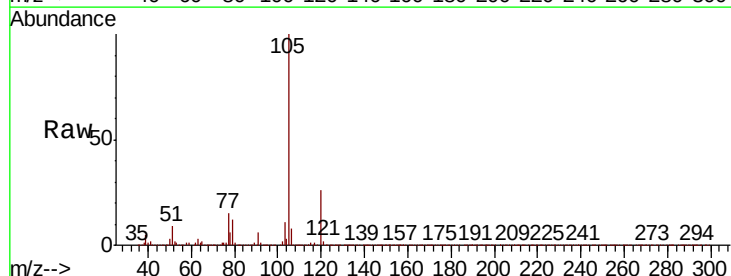
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

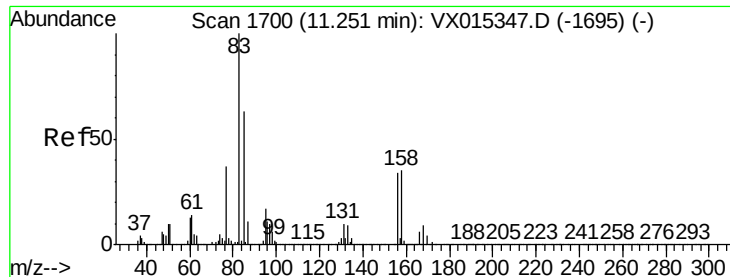
Tot Ion:104 Resp: 728823
Ion Ratio Lower Upper
104 100
78 50.8 41.5 62.3
103 52.4 43.4 65.2



#70
Isopropylbenzene
Concen: 20.361 ug/l
RT: 11.01 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion:105 Resp: 1108695
Ion Ratio Lower Upper
105 100
120 26.0 18.8 34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 20.385 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

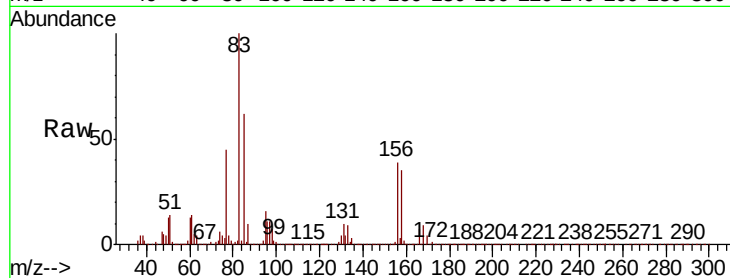
Tot Ion: 83 Resp: 359772

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.9

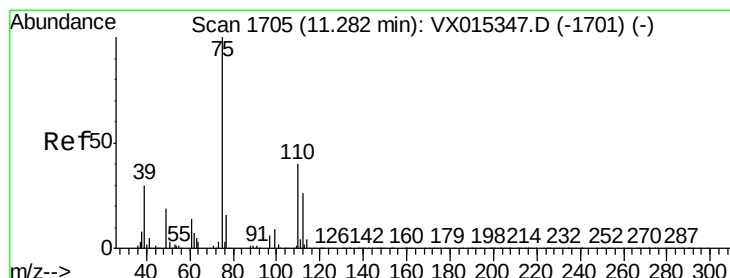
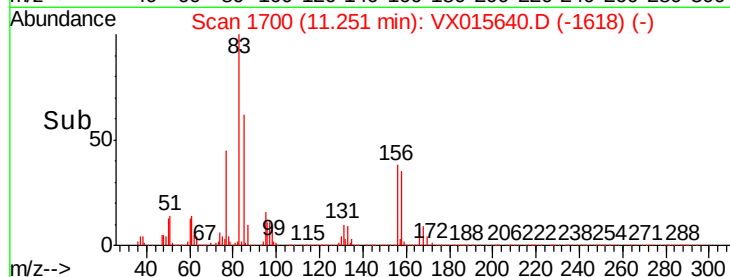
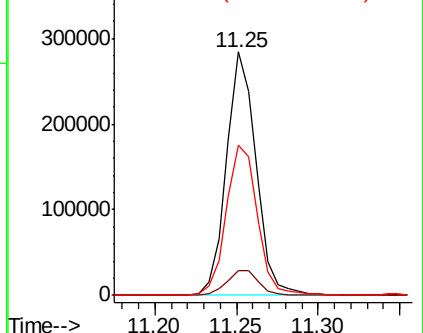
85 64.6 32.0 96.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 25.333 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015640.D

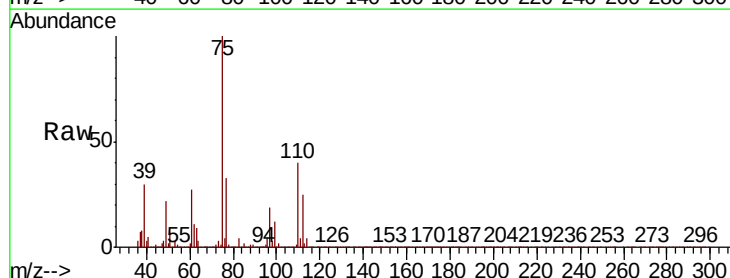
Acq: 10 Apr 2020 22:21

Tgt Ion: 75 Resp: 418335

Ion Ratio Lower Upper

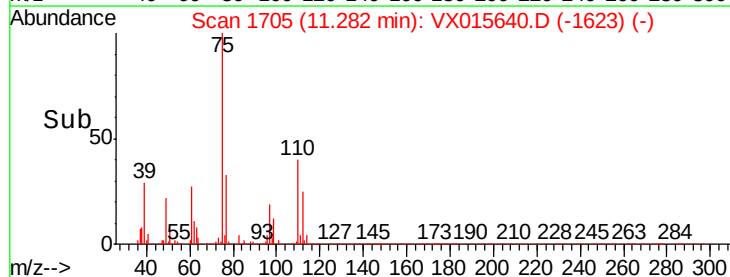
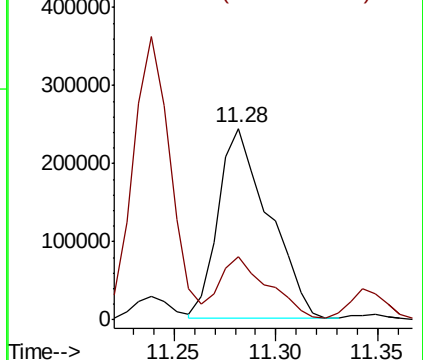
75 100

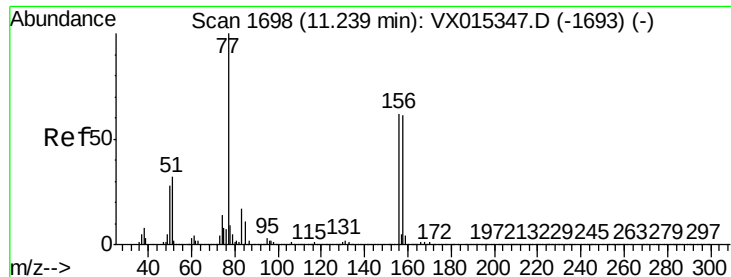
77 32.4 0.0 80.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 20.190 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

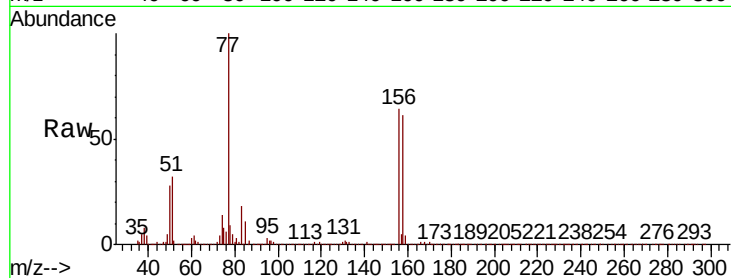
Tot Ion:156 Resp: 295106

Ion Ratio Lower Upper

156 100

77 156.3 0.0 324.4

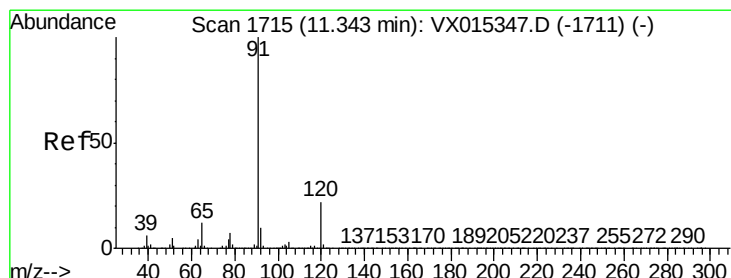
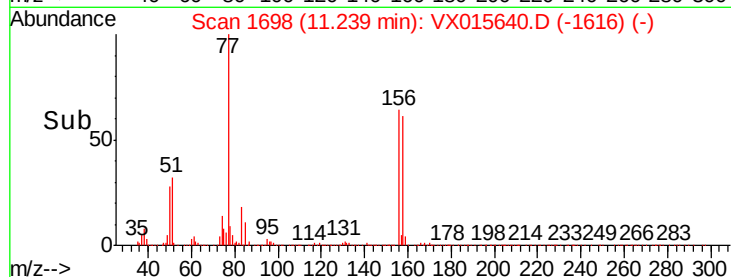
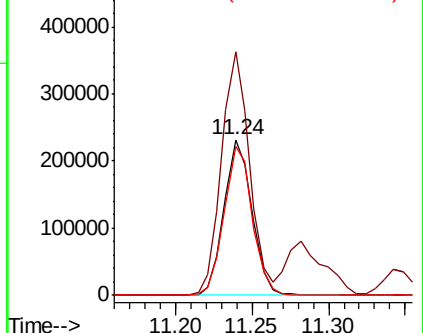
158 96.0 0.0 200.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.953 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015640.D

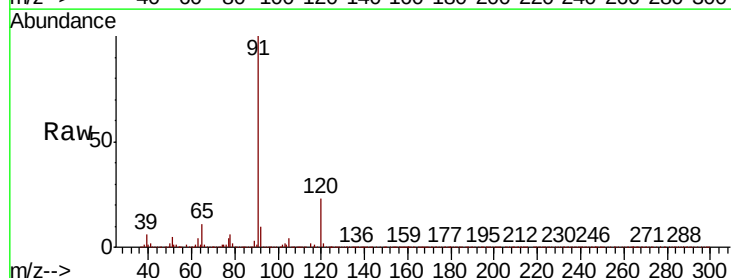
Acq: 10 Apr 2020 22:21

Tgt Ion: 91 Resp: 1246206

Ion Ratio Lower Upper

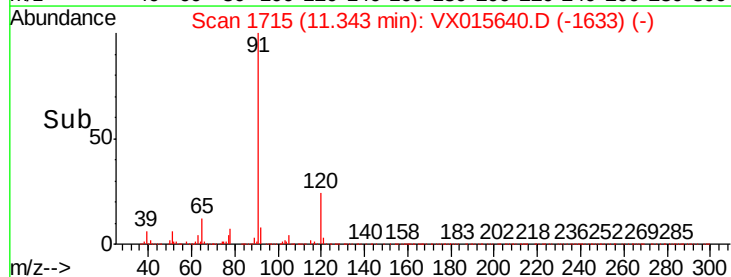
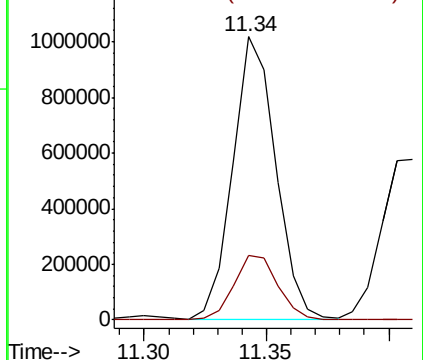
91 100

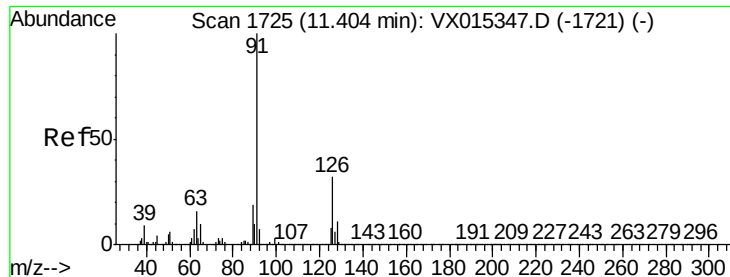
120 23.3 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.315 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.01 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

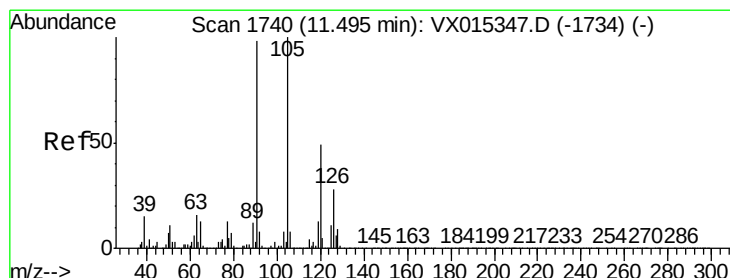
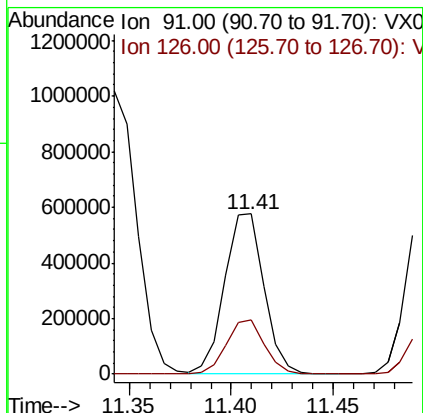
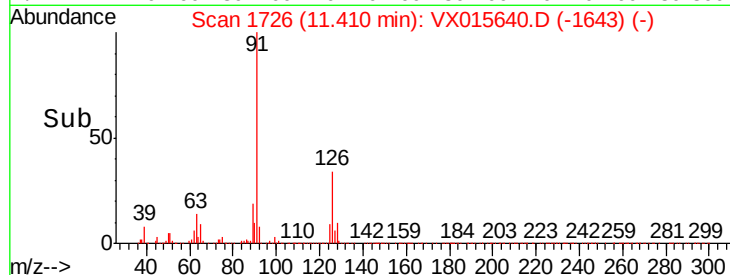
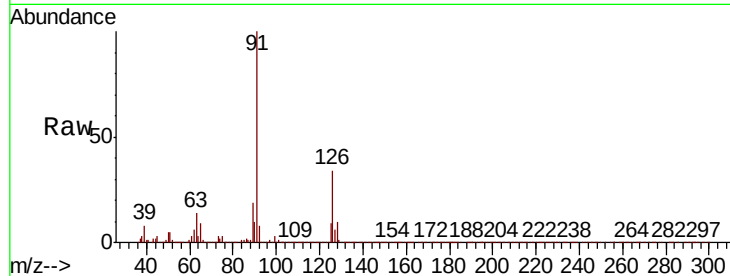
VSTDCCC020EC

Tot Ion: 91 Resp: 771672

Ion Ratio Lower Upper

91 100

126 32.9 0.0 65.2



#76

1,3,5-Trimethylbenzene

Concen: 19.938 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015640.D

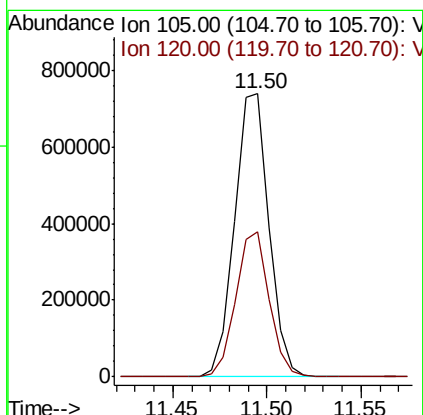
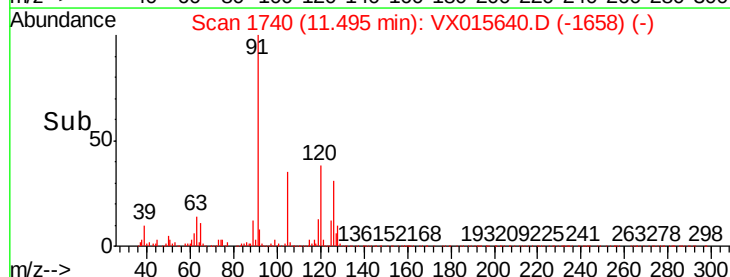
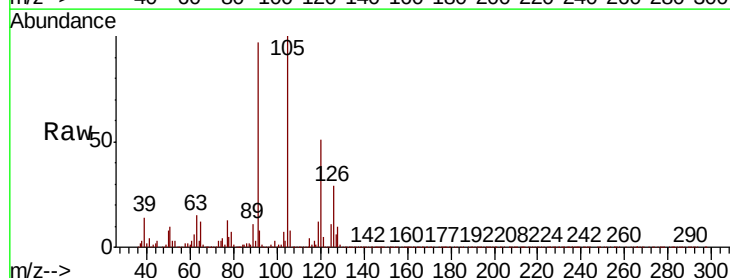
Acq: 10 Apr 2020 22:21

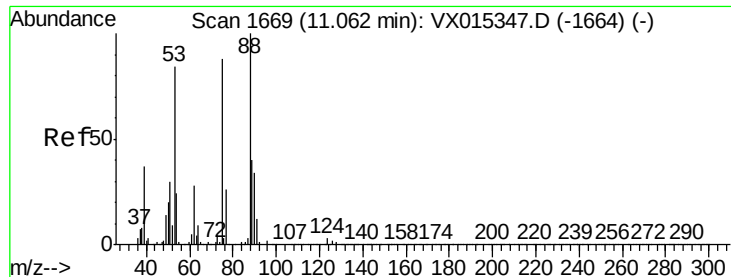
Tgt Ion: 105 Resp: 932313

Ion Ratio Lower Upper

105 100

120 50.0 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 15.813 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

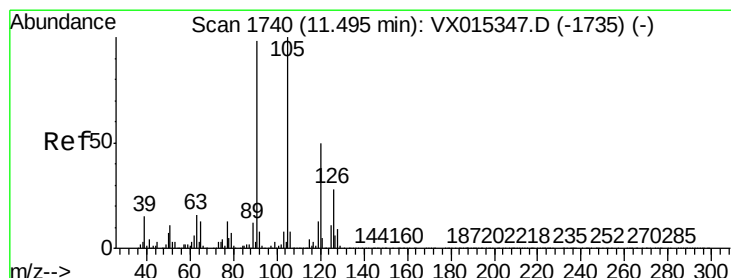
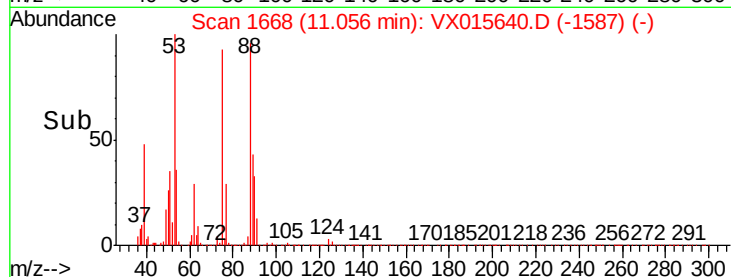
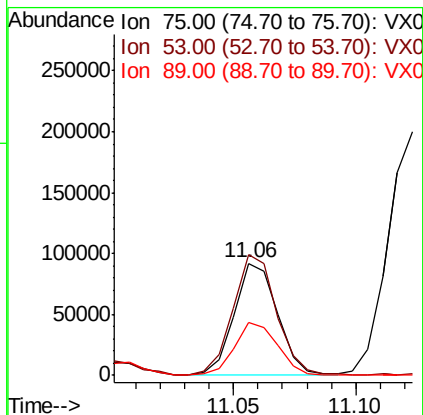
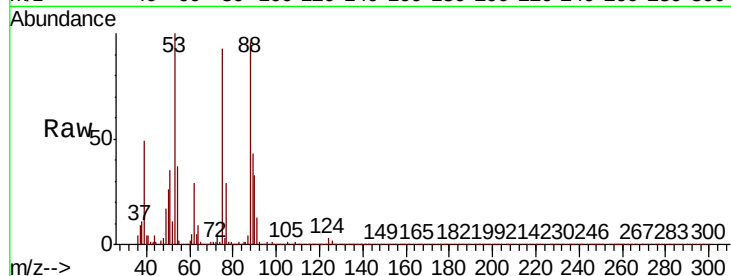
Tot Ion: 75 Resp: 112529

Ion Ratio Lower Upper

75 100

53 107.3 47.5 142.6

89 46.3 22.8 68.3



#78

4-Chlorotoluene

Concen: 20.352 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015640.D

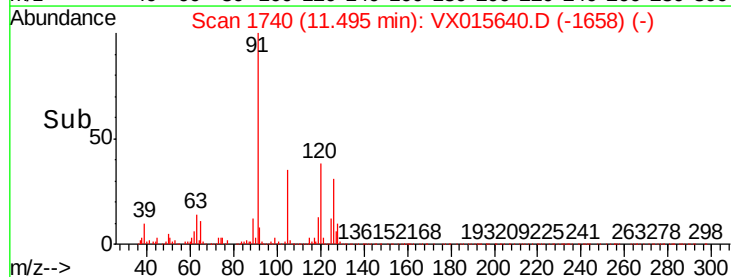
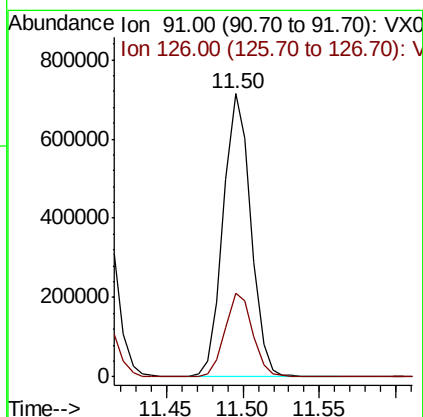
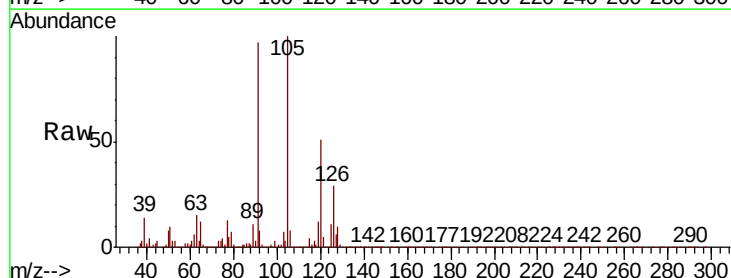
Acq: 10 Apr 2020 22:21

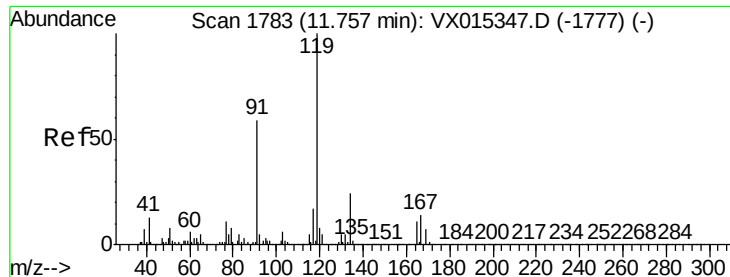
Tgt Ion: 91 Resp: 894372

Ion Ratio Lower Upper

91 100

126 29.5 0.0 57.8

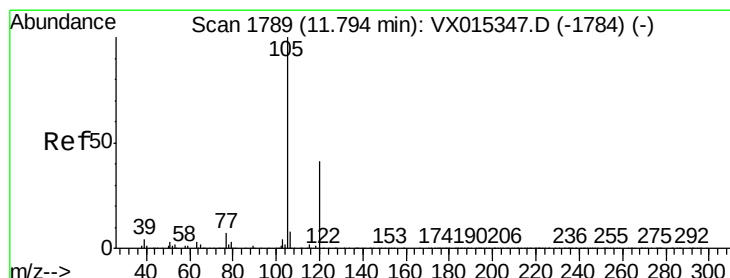
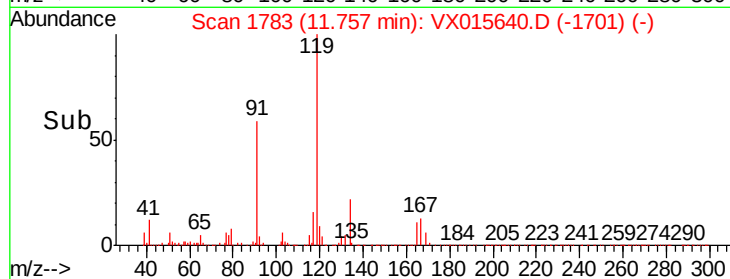
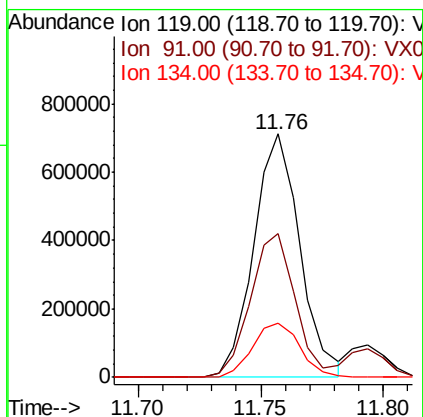
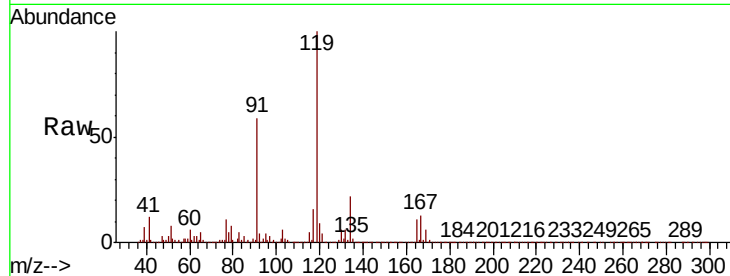




#79
tert-butylbenzene
Concen: 20.049 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

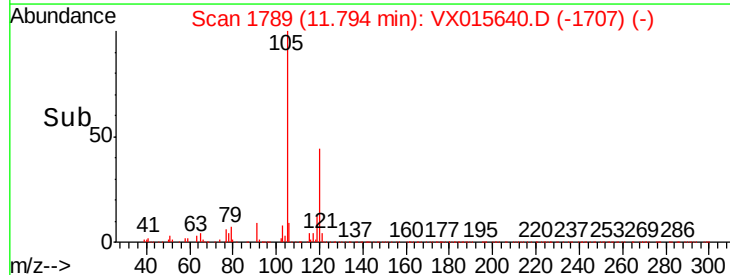
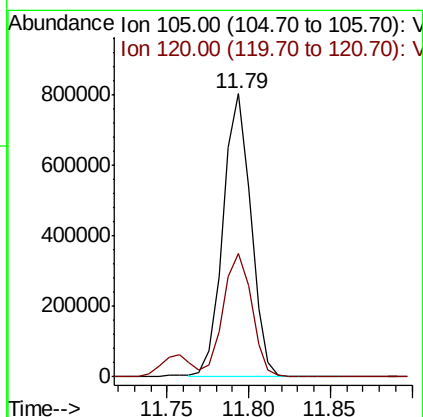
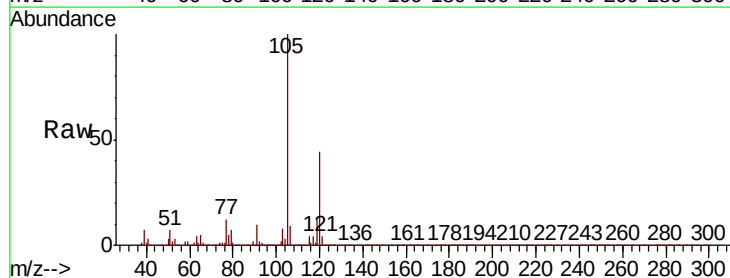
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

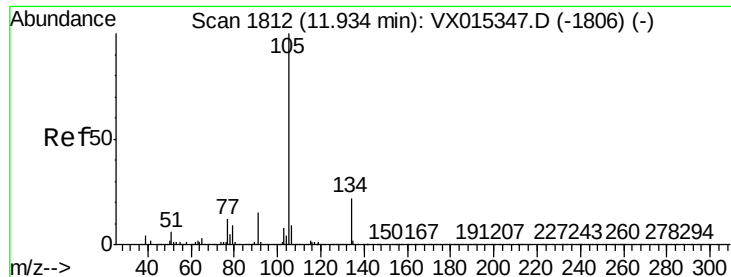
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.9	0.0	115.8
134	23.2	0.0	47.0



#80
1,2,4-Trimethylbenzene
Concen: 20.096 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	0.0	91.0

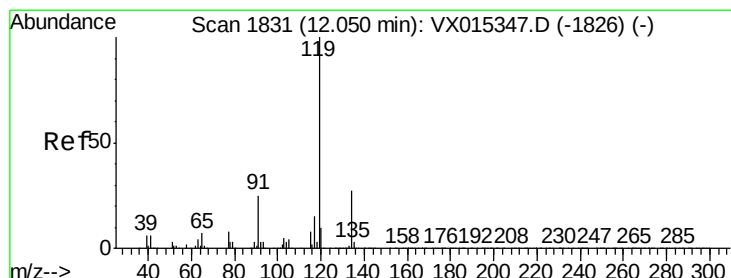
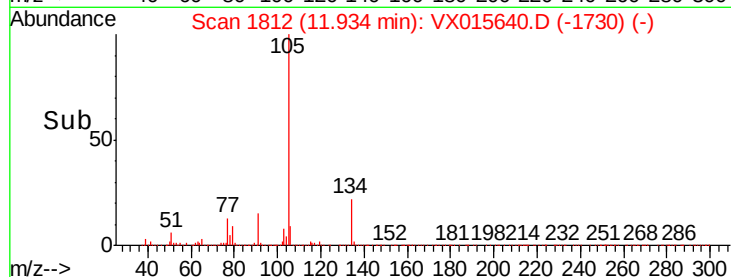
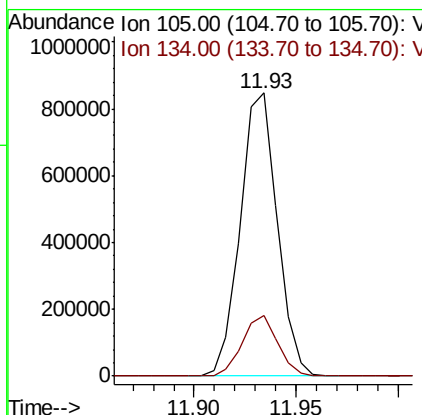
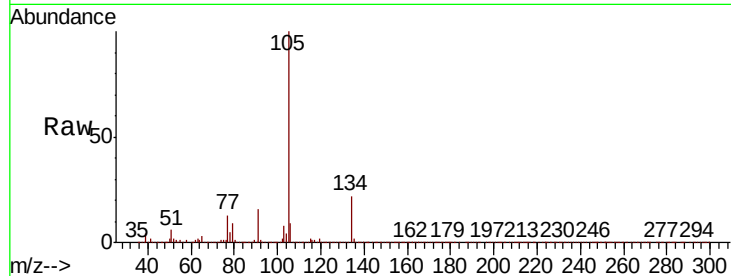




#81
 sec-Butylbenzene
 Concen: 19.846 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

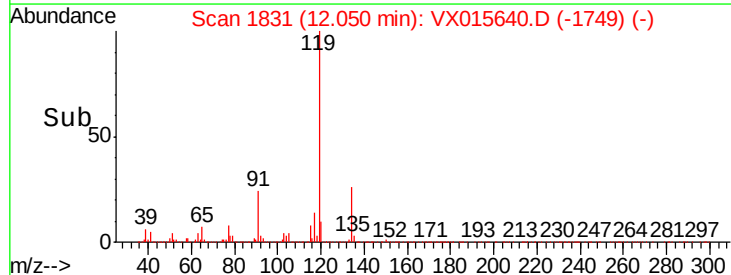
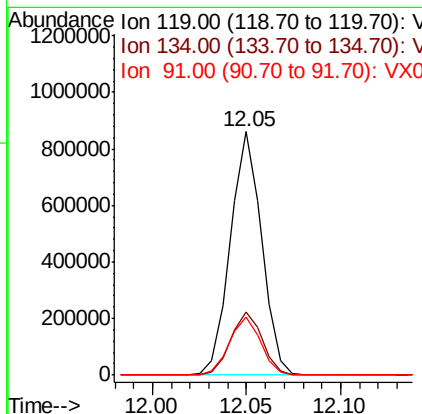
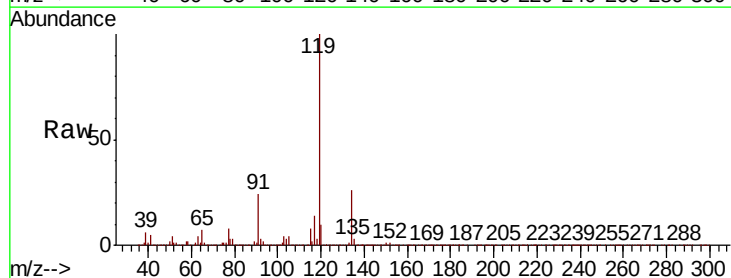
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

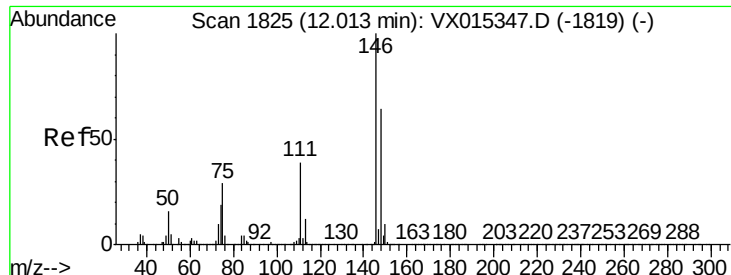
Tot Ion:105 Resp: 1063979
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 19.646 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion:119 Resp: 992695
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 53.2
 91 23.8 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 19.987 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

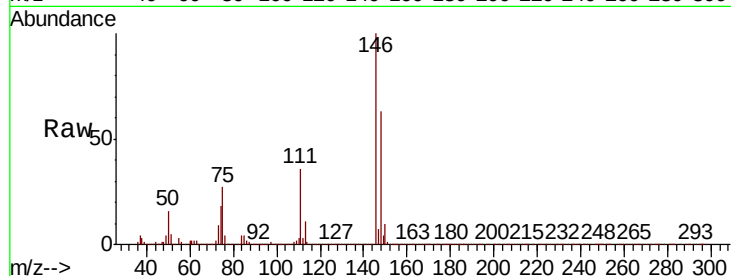
Tot Ion:146 Resp: 525322

Ion Ratio Lower Upper

146 100

111 38.9 20.1 60.2

148 64.3 31.4 94.2

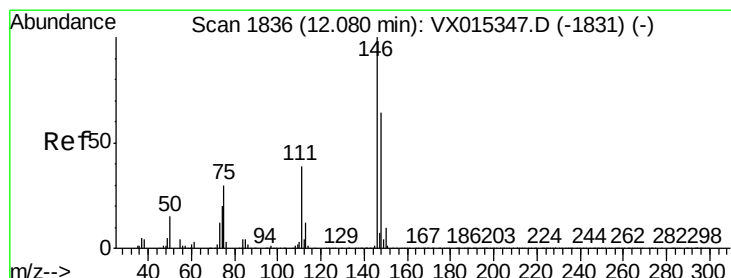
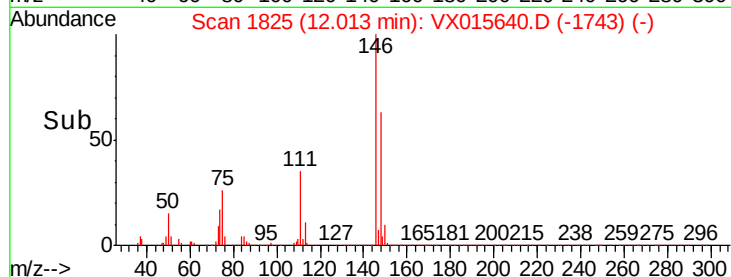
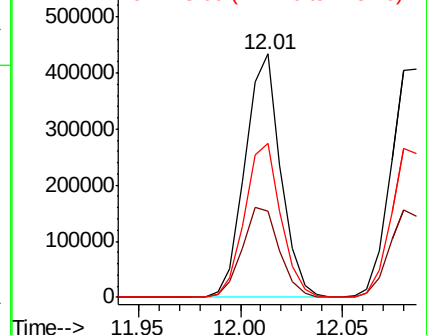


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 20.472 ug/l

RT: 12.09 min Scan# 1837

Delta R.T. 0.01 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

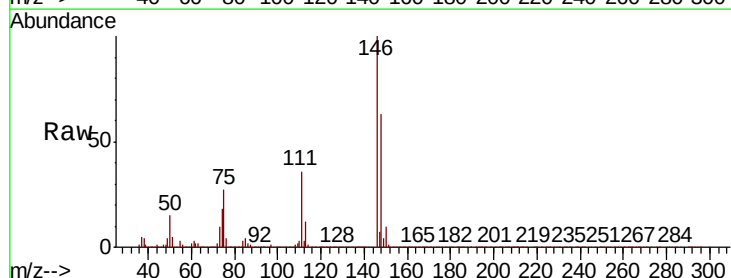
Tgt Ion:146 Resp: 536955

Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.9

148 63.3 31.4 94.3

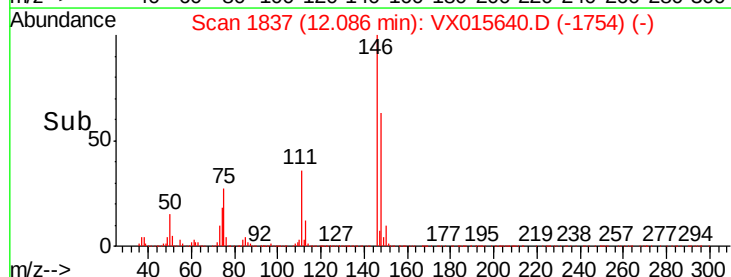
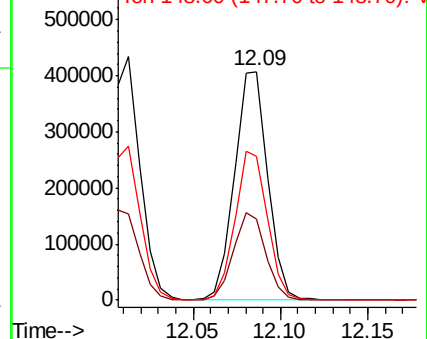


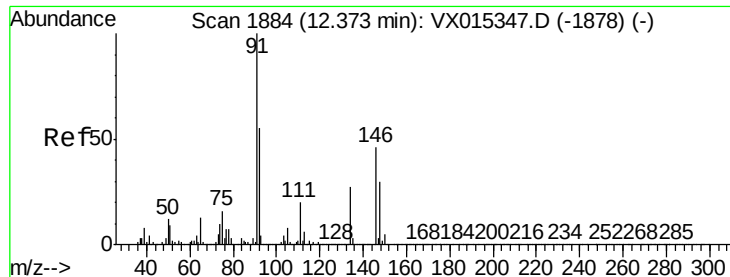
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 19.180 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015640.D

Acq: 10 Apr 2020 22:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

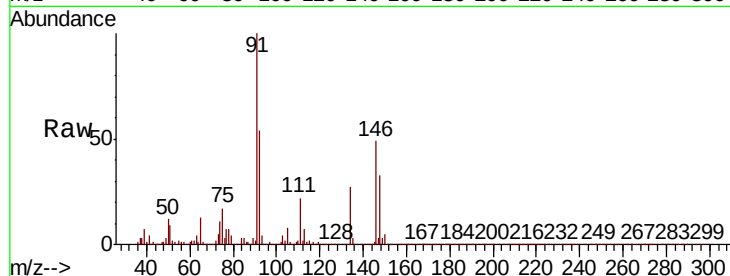
Tot Ion: 91 Resp: 863839

Ion Ratio Lower Upper

91 100

92 53.7 0.0 109.0

134 26.8 0.0 54.0

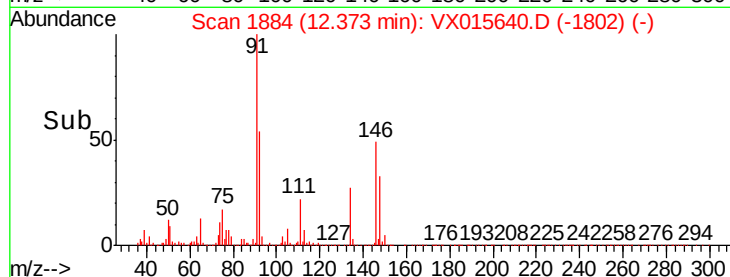


Abundance Ion 91.00 (90.70 to 91.70): VX015640.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX015640.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX015640.D (-1802) (-)

Time-->



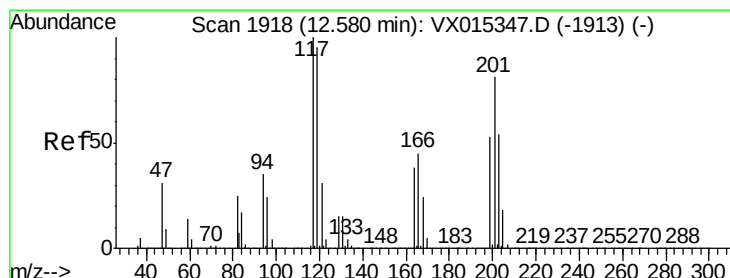
Abundance

Ion 91.00 (90.70 to 91.70): VX015640.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX015640.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX015640.D (-1802) (-)

Time-->



#86

Hexachloroethane

Concen: 17.342 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015640.D

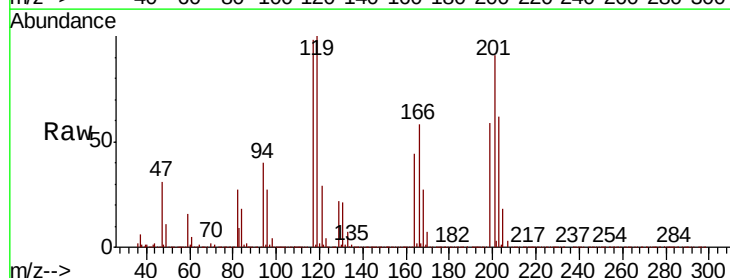
Acq: 10 Apr 2020 22:21

Tgt Ion: 117 Resp: 169361

Ion Ratio Lower Upper

117 100

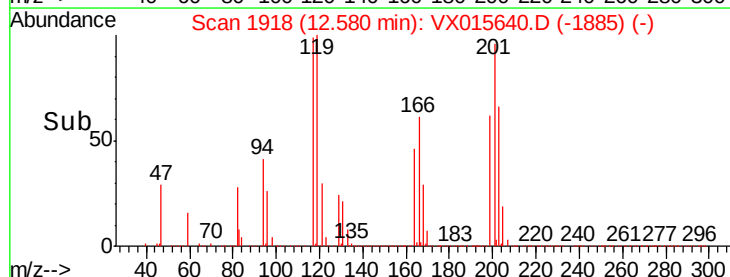
201 89.7 44.9 134.5



Abundance Ion 117.00 (116.70 to 117.70): VX015640.D (-1885) (-)

Ion 201.00 (200.70 to 201.70): VX015640.D (-1885) (-)

Time-->

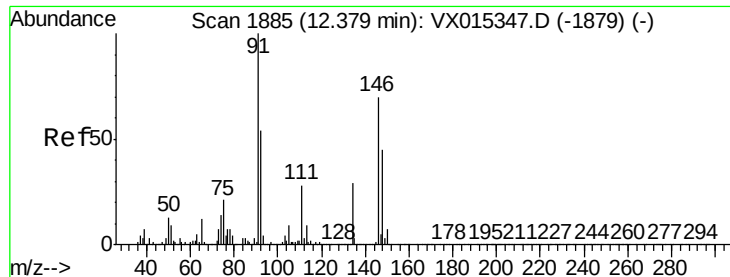


Abundance

Ion 117.00 (116.70 to 117.70): VX015640.D (-1885) (-)

Ion 201.00 (200.70 to 201.70): VX015640.D (-1885) (-)

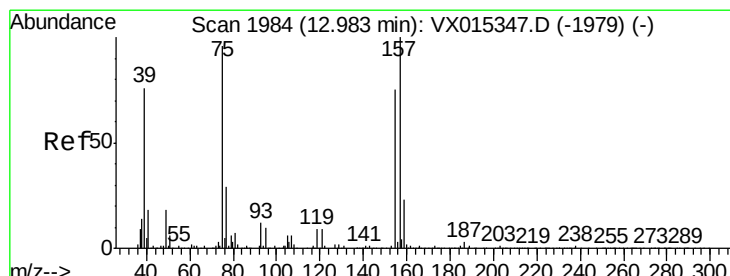
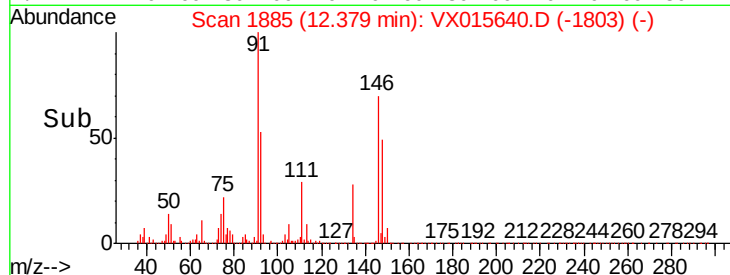
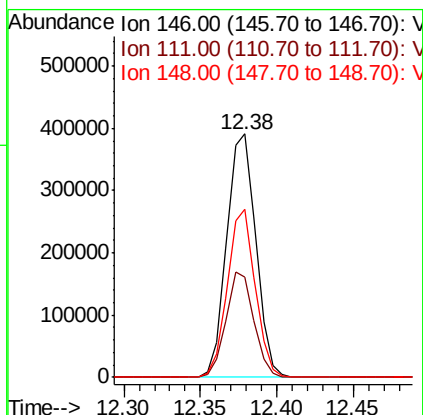
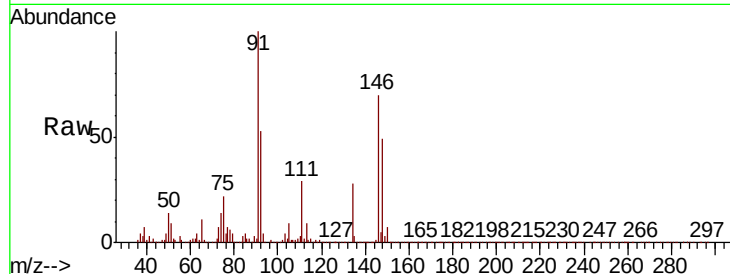
Time-->



#87
 1,2-Dichlorobenzene
 Concen: 20.080 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

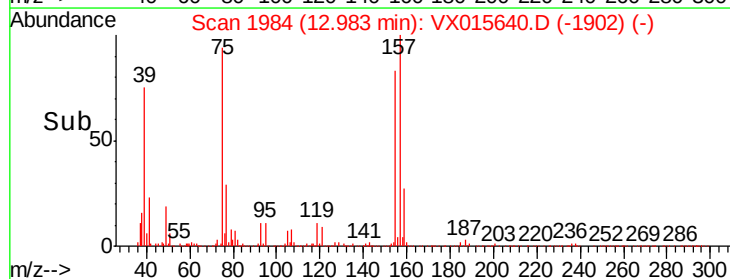
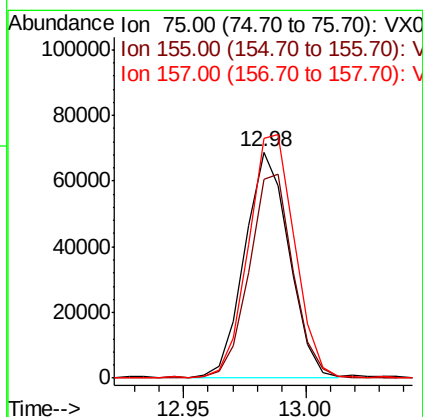
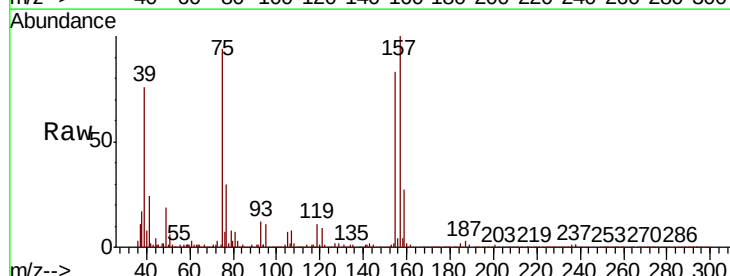
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

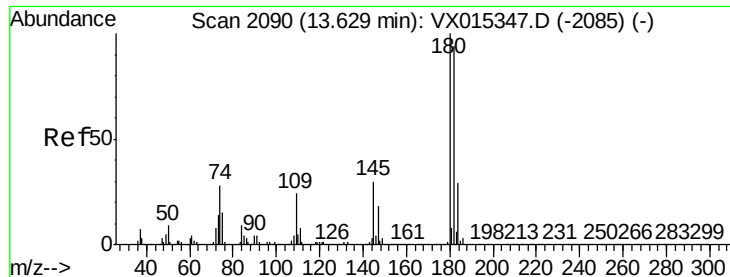
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.4	61.2
148	65.8	31.9	95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.785 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.1	67.7	101.5
157	111.8	88.5	132.7

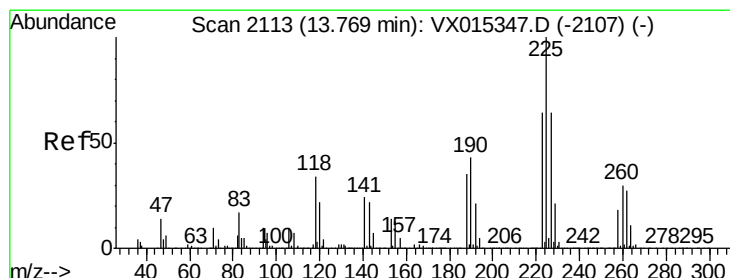
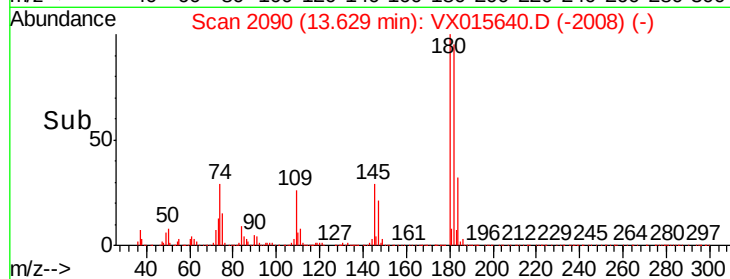
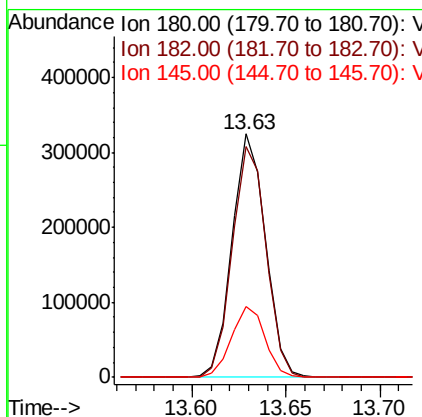
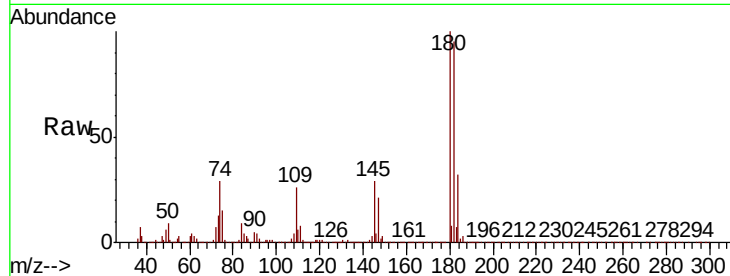




#89
 1,2,4-Trichlorobenzene
 Concen: 19.374 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

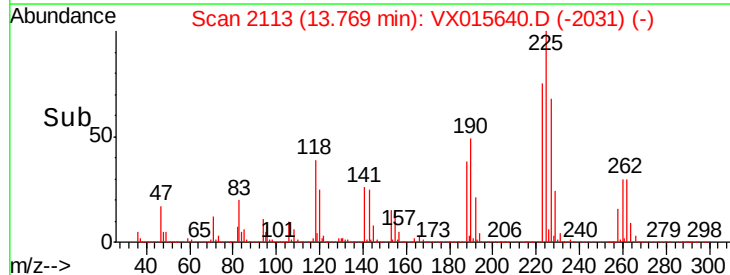
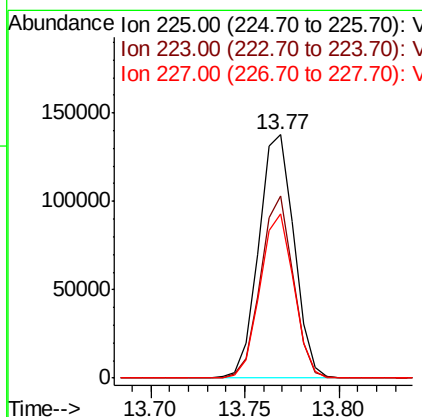
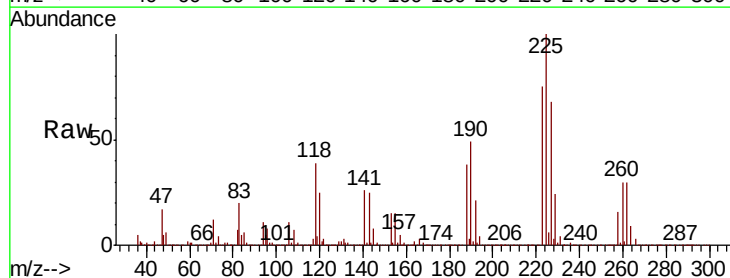
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

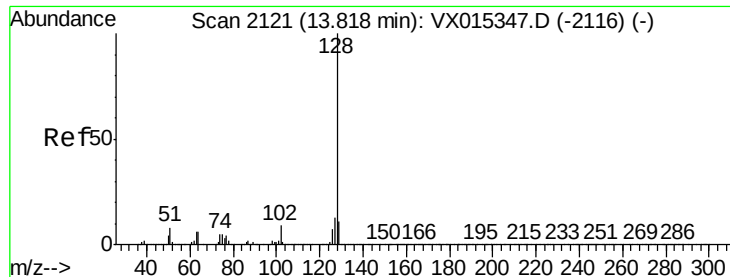
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.9	115.3
145	29.0	24.3	36.5



#90
 Hexachlorobutadiene
 Concen: 16.448 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015640.D
 Acq: 10 Apr 2020 22:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.3	0.0	127.0
227	64.6	0.0	126.8

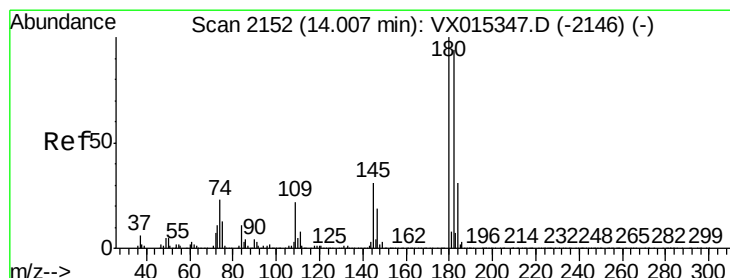
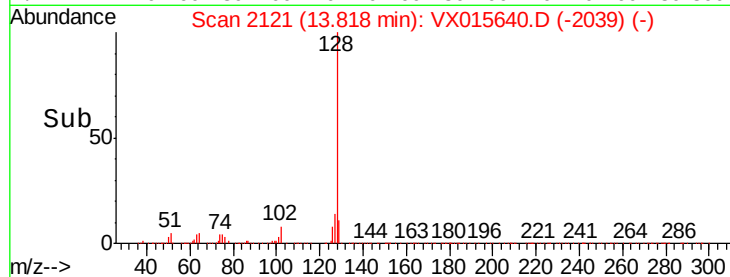
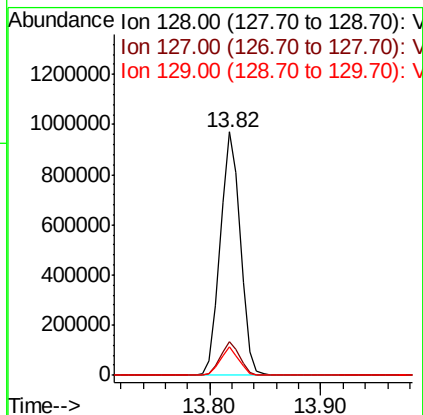
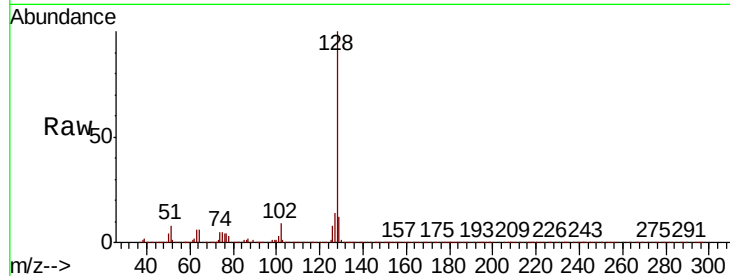




#91
Naphthalene
Concen: 20.219 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 1209384
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.135 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015640.D
Acq: 10 Apr 2020 22:21

Tgt Ion:180 Resp: 392655
Ion Ratio Lower Upper
180 100
182 98.8 0.0 191.0
145 30.7 0.0 62.2

