

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
 Data File : VX015470.D
 Acq On : 01 Apr 2020 16:53
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Apr 02 09:56:16 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	186471	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1080587	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	981034	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	471028	32.33	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.77%
60) 4-Bromofluorobenzene	11.12	95	516579	30.77	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.57%
63) Toluene-d8	8.70	98	1270005	30.47	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	152334	17.107 ug/l	98
3) Chloromethane	1.31	50	195310	17.771 ug/l	95
4) Vinyl Chloride	1.39	62	189939	17.965 ug/l	100
5) Bromomethane	1.63	94	132266	23.500 ug/l	94
6) Chloroethane	1.72	64	130579	19.797 ug/l	98
7) Trichlorofluoromethane	1.92	101	282677	18.709 ug/l	93
8) Diethyl Ether	2.17	74	109135	18.774 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	189533	18.960 ug/l	95
10) 1,1-Dichloroethene	2.36	96	192466	18.956 ug/l	94
11) Methyl Iodide	2.49	142	216436	16.041 ug/l	96
12) Methyl Acetate	2.75	43	294357	19.812 ug/l	97
13) Acrolein	2.27	56	242196	125.310 ug/l	94
14) Acrylonitrile	3.12	53	641078	100.788 ug/l	99
15) Acetone	2.42	58	160947	99.511 ug/l	88
16) Carbon Disulfide	2.55	76	568930	19.168 ug/l	99
17) Allyl chloride	2.71	41	434479	18.953 ug/l	99
18) Methylene Chloride	2.84	84	224947	19.733 ug/l	99
19) trans-1,2-Dichloroethene	3.14	96	212312	19.330 ug/l	99
20) Diisopropyl ether	3.83	45	806849	19.624 ug/l	97
21) 1,1-Dichloroethane	3.67	63	410580	19.563 ug/l	99
22) cis-1,2-Dichloroethene	4.57	96	242015	19.127 ug/l	98
23) tert-Butyl Alcohol	3.01	59	282130	90.176 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	732218	19.423 ug/l	99
25) Chloroform	5.19	83	402761	19.415 ug/l	98
26) Cyclohexane	5.55	56	375244	18.713 ug/l	# 100
29) 1,1-Dichloropropene	5.78	75	307605	18.947 ug/l	98
30) 2-Butanone	4.64	43	940620	96.651 ug/l	100
31) 2,2-Dichloropropane	4.56	77	369272	18.902 ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	371766	18.769 ug/l	100
33) Carbon Tetrachloride	5.76	117	321253	17.797 ug/l	99
34) Benzene	6.12	78	872909	18.656 ug/l	99
35) Methacrylonitrile	5.01	41	213321	19.329 ug/l	96
36) 1,2-Dichloroethane	6.17	62	355487	19.661 ug/l	99
37) Trichloroethene	7.19	130	240464	18.252 ug/l	96
38) Methylcyclohexane	7.44	83	360544	18.116 ug/l	98
39) 1,2-Dichloropropane	7.50	63	233420	18.573 ug/l	98
40) Dibromomethane	7.64	93	154988	18.527 ug/l	95

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 VSTDCCC020EC

Quant Time: Apr 02 09:56:16 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)
41) Bromodichloromethane	7.88	83	330896	18.201	ug/l	99
42) Vinyl Acetate	3.79	43	3667376	99.453	ug/l	99
43) Ethyl Acetate	4.80	43	380846	17.990	ug/l	98
44) Isopropyl Acetate	6.42	43	642519	18.859	ug/l	99
45) 1,4-Dioxane	7.72	88	99667	317.557	ug/l	96
46) Methyl methacrylate	7.75	41	321686	18.921	ug/l	99
47) n-amyl Acetate	10.89	43	550349	18.735	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	378784	18.048	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	395007	18.234	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	221054	18.414	ug/l	93
51) Ethyl methacrylate	9.16	69	378129	18.314	ug/l	97
52) 1,3-Dichloropropane	9.36	76	393399	18.972	ug/l	99
53) Dibromochloromethane	9.57	129	261260	17.654	ug/l	100
54) 1,2-Dibromoethane	9.65	107	239292	18.576	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	918161	94.155	ug/l	99
56) Bromoform	10.84	173	195435	16.061	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	1872572	99.734	ug/l	99
59) 2-Hexanone	9.48	43	1388043	97.175	ug/l	100
61) Tetrachloroethene	9.32	164	228012	18.082	ug/l	97
62) Toluene	8.77	91	939265	18.902	ug/l	99
64) Chlorobenzene	10.12	112	593640	18.582	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	230081	17.624	ug/l	99
66) Ethyl Benzene	10.24	91	1097927	19.341	ug/l	99
67) m/p-Xylenes	10.34	106	798019	37.142	ug/l	99
68) o-Xylene	10.68	106	383348	18.254	ug/l	98
69) Styrene	10.70	104	675079	18.450	ug/l	99
70) Isopropylbenzene	11.00	105	1051382	18.885	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	341458	18.923	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	318114m	18.841	ug/l	
73) Bromobenzene	11.24	156	268210	17.947	ug/l	97
74) n-propylbenzene	11.35	91	1219592	19.099	ug/l	99
75) 2-Chlorotoluene	11.40	91	733297	18.881	ug/l	97
76) 1,3,5-Trimethylbenzene	11.49	105	883428	18.478	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	122707	16.865	ug/l	91
78) 4-Chlorotoluene	11.49	91	863883	19.227	ug/l	99
79) tert-butylbenzene	11.76	119	856431	17.923	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	900029	18.583	ug/l	100
81) sec-Butylbenzene	11.93	105	1011363	18.451	ug/l	99
82) p-Isopropyltoluene	12.05	119	948851	18.366	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	492925	18.343	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	492081	18.349	ug/l	99
85) n-Butylbenzene	12.37	91	846485	18.382	ug/l	100
86) Hexachloroethane	12.58	117	167538	16.779	ug/l	92
87) 1,2-Dichlorobenzene	12.38	146	460268	17.556	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	83383	17.544	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	365419	17.302	ug/l	96
90) Hexachlorobutadiene	13.77	225	146259	13.146	ug/l	99
91) Naphthalene	13.82	128	1123172	18.366	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	353126	16.831	ug/l	98

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Instrument :
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ClientSampleId :
VSTDCCC020EC

Quant Time: Apr 02 09:56:16 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

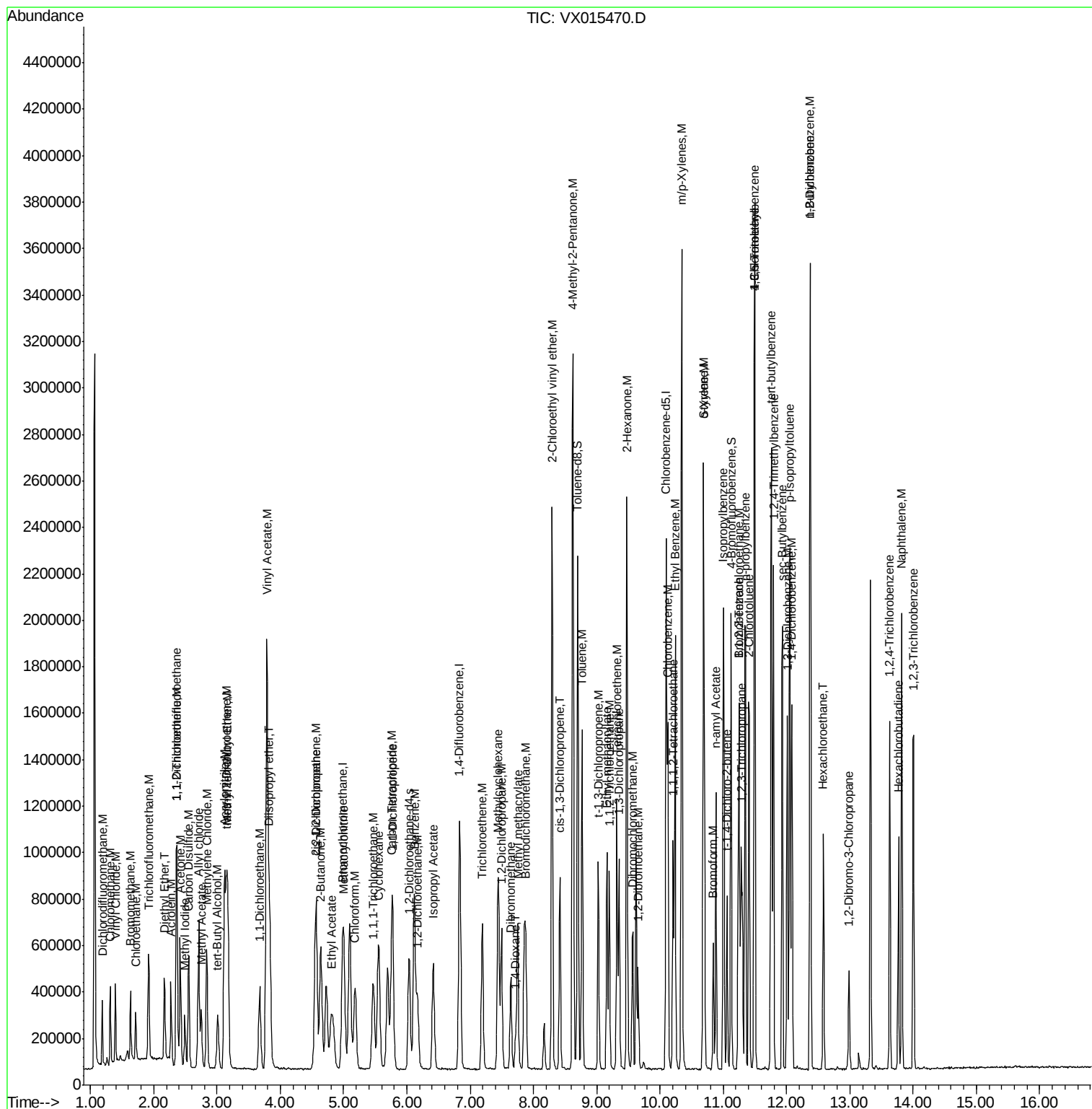
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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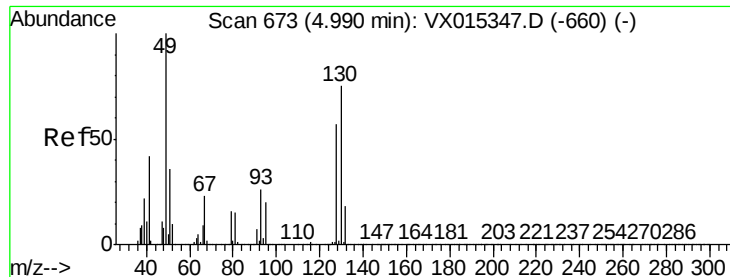
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleID :
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Quant Time: Apr 02 09:56:16 2020
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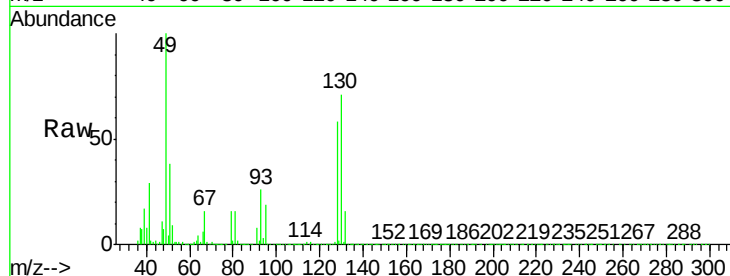


#1

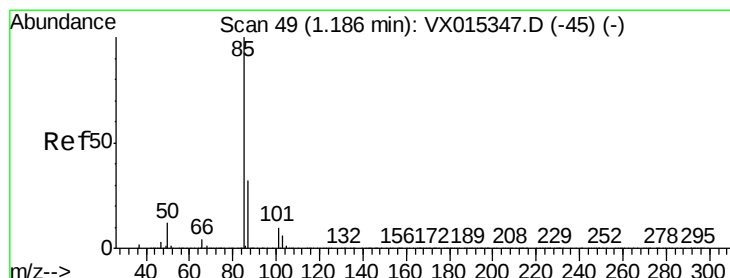
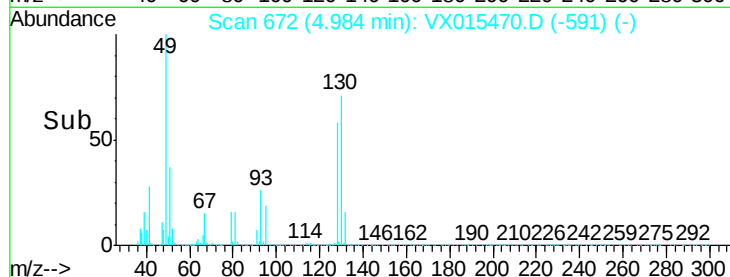
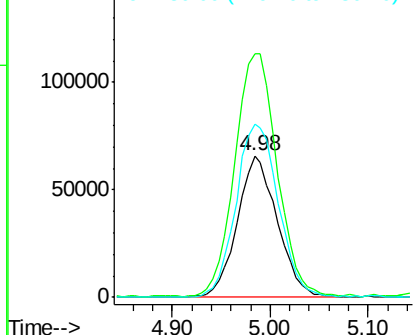
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: VX015470.D
 Acq: 01 Apr 2020 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	182.0	0.0	428.0
130	129.8	0.0	324.5



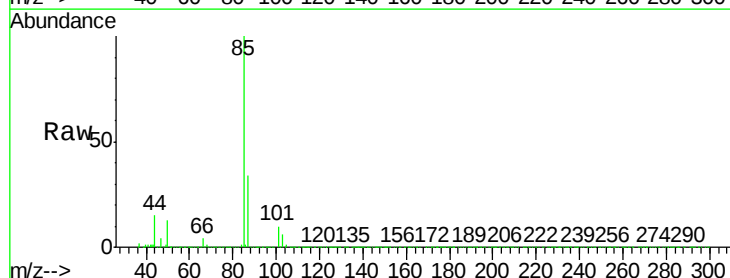
Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V



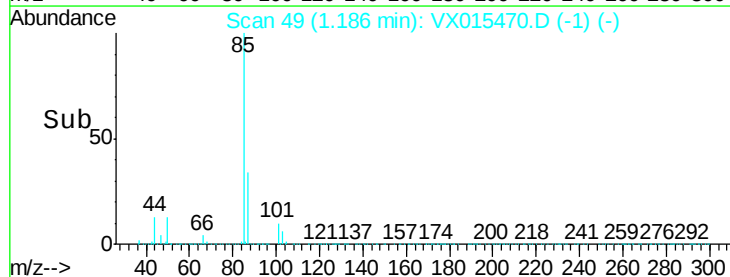
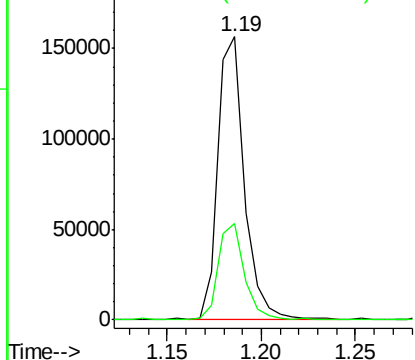
#2

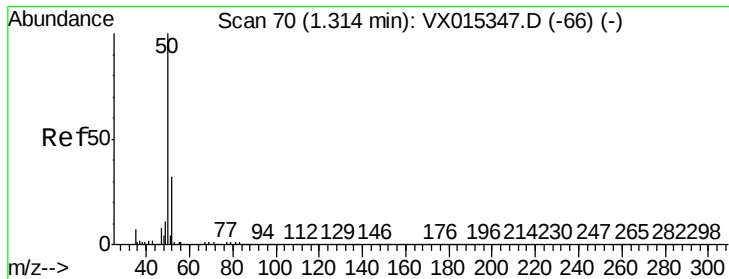
Dichlorodifluoromethane
 Concen: 17.107 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.00 min
 Lab File: VX015470.D
 Acq: 01 Apr 2020 16:53

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.8	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: 17.771 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

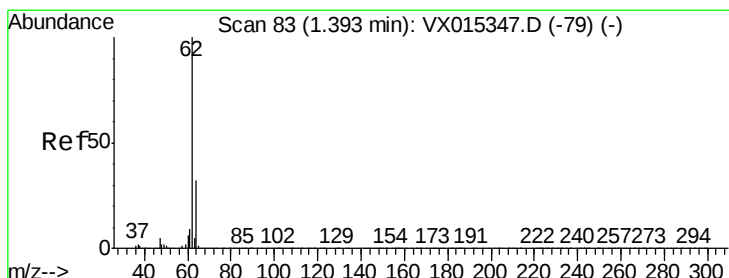
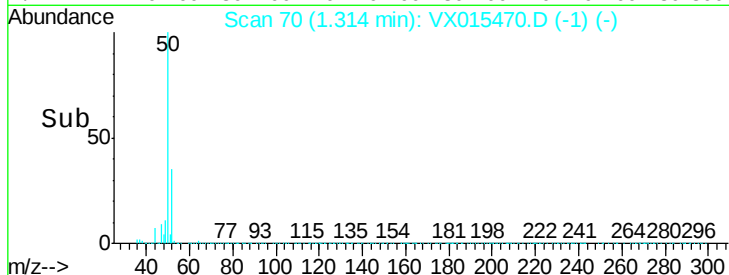
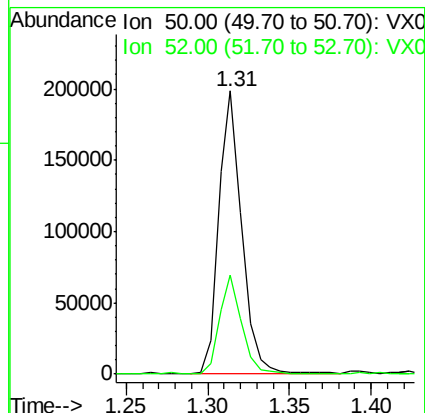
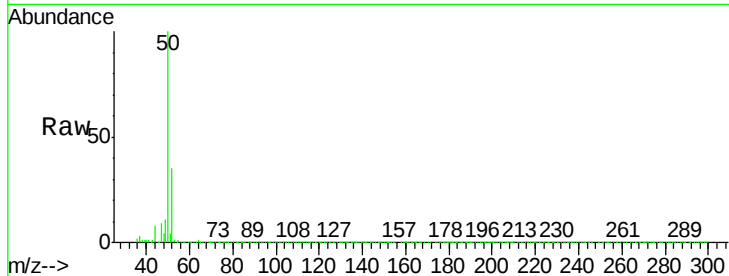
VSTDCCC020EC

Tot Ion: 50 Resp: 195310

Ion Ratio Lower Upper

50 100

52 34.8 25.5 38.3



#4

Vinyl Chloride

Concen: 17.965 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015470.D

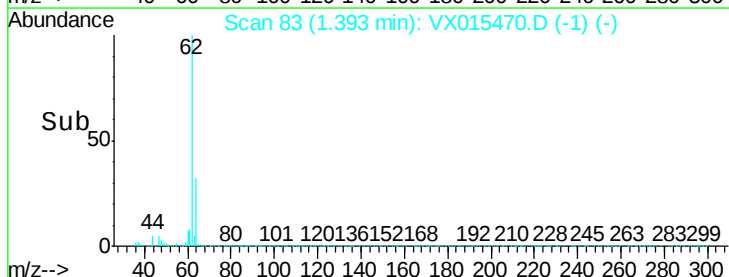
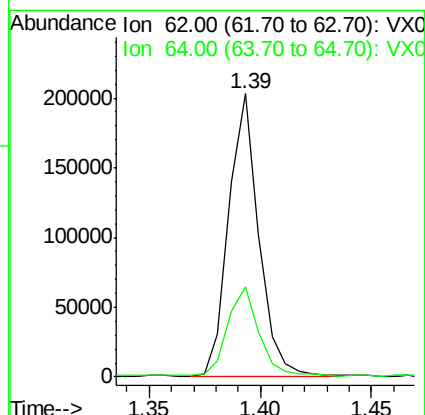
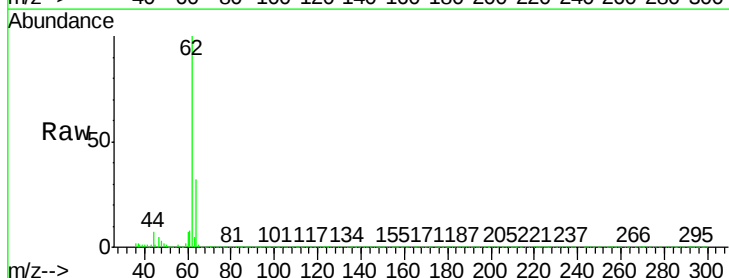
Acq: 01 Apr 2020 16:53

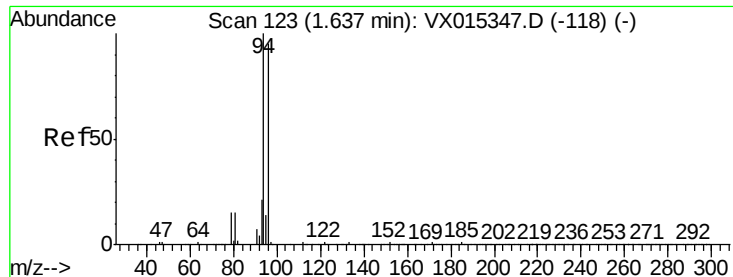
Tgt Ion: 62 Resp: 189939

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 23.500 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

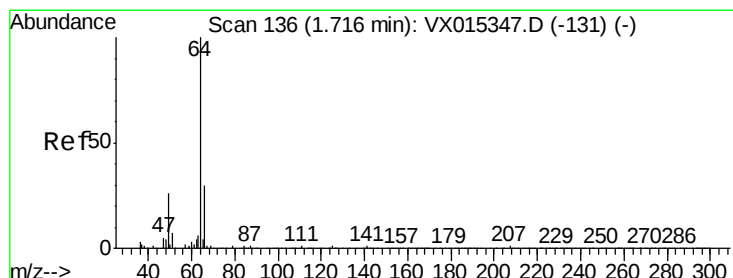
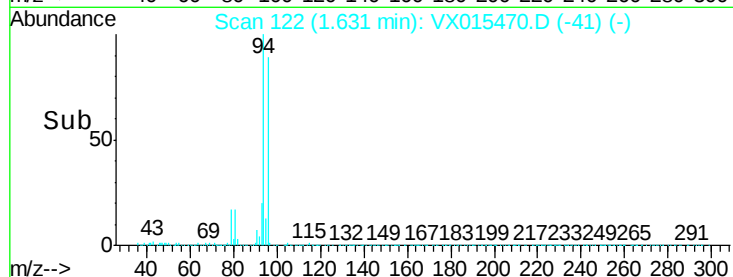
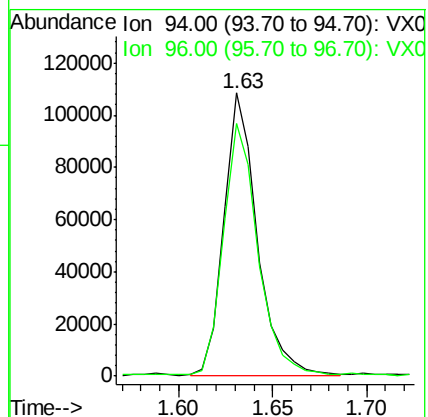
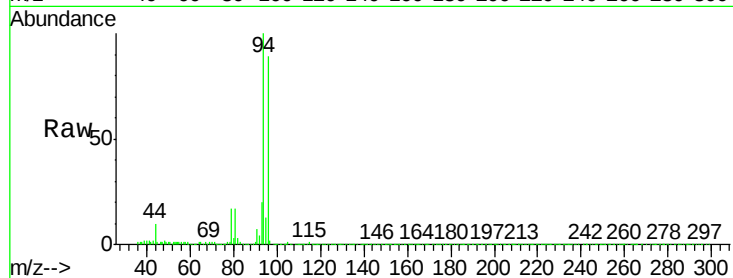
VSTDCCC020EC

Tot Ion: 94 Resp: 132266

Ion Ratio Lower Upper

94 100

96 89.2 76.1 114.1



#6

Chloroethane

Concen: 19.797 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX015470.D

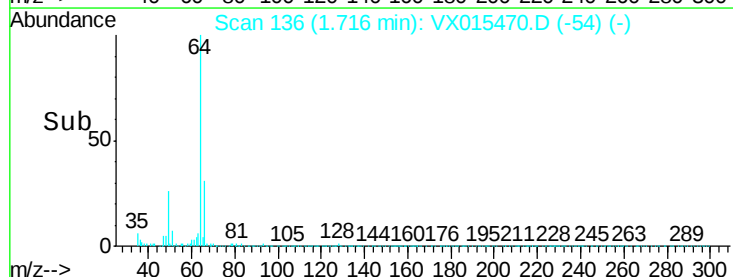
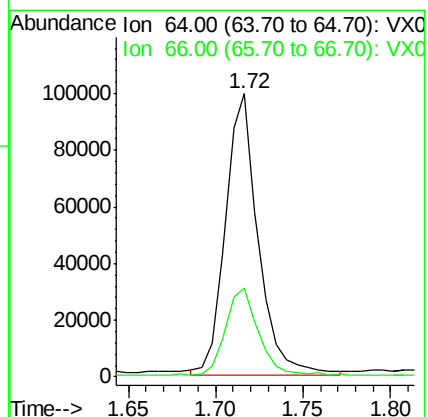
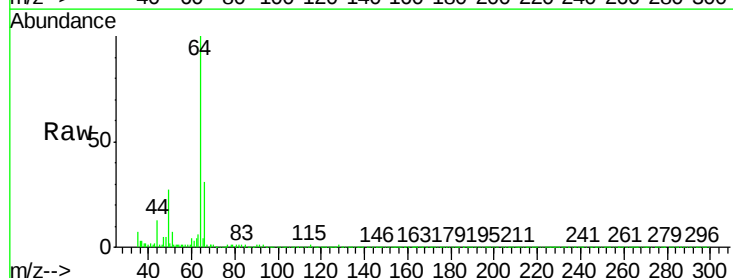
Acq: 01 Apr 2020 16:53

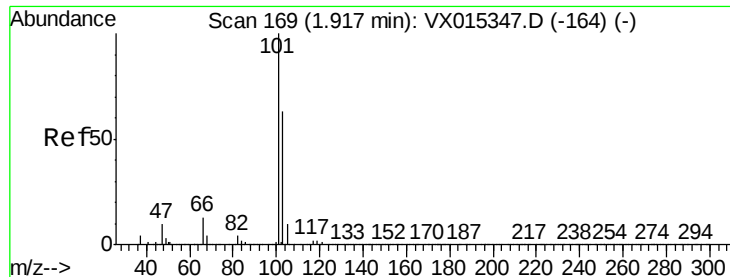
Tgt Ion: 64 Resp: 130579

Ion Ratio Lower Upper

64 100

66 31.6 24.3 36.5



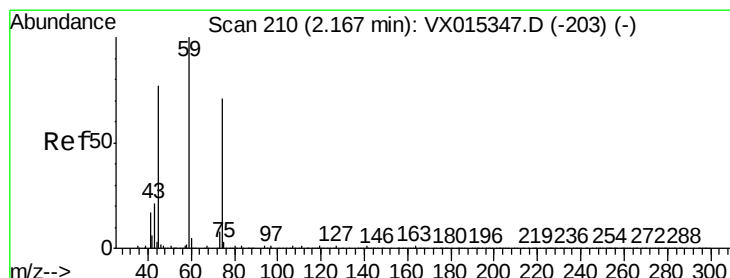
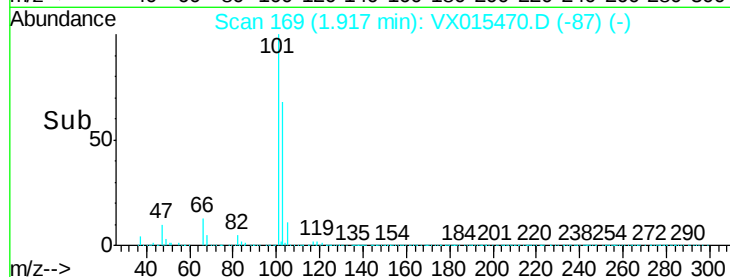
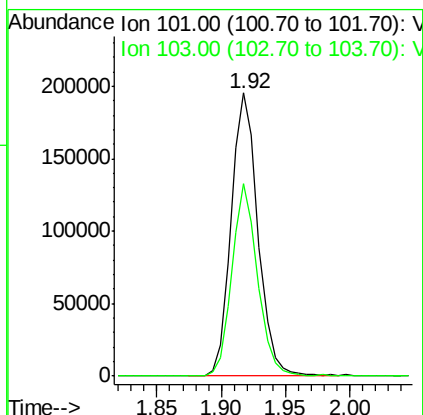
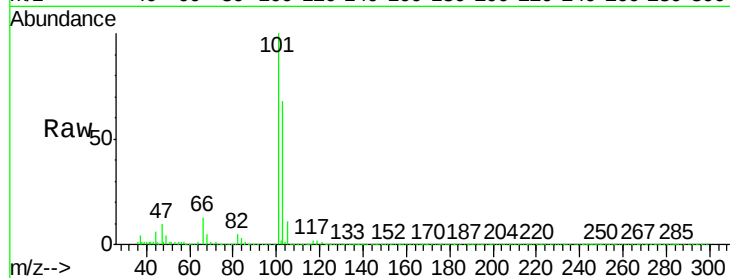


#7

Trichlorofluoromethane
Concen: 18.709 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

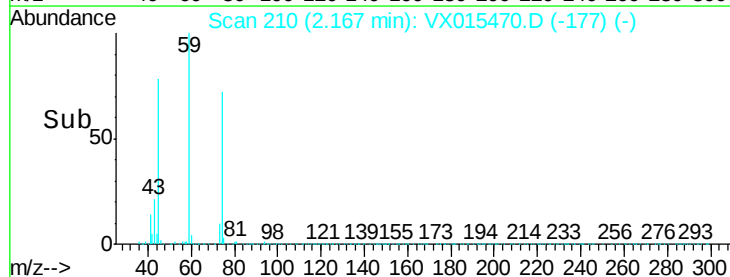
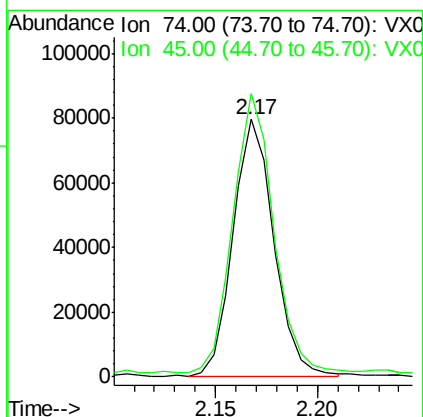
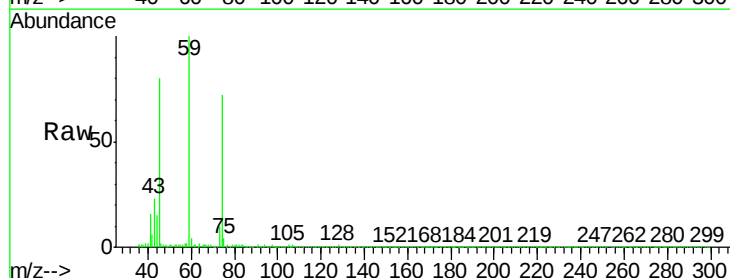
Tot Ion:101 Resp: 282677
Ion Ratio Lower Upper
101 100
103 67.7 49.9 74.9

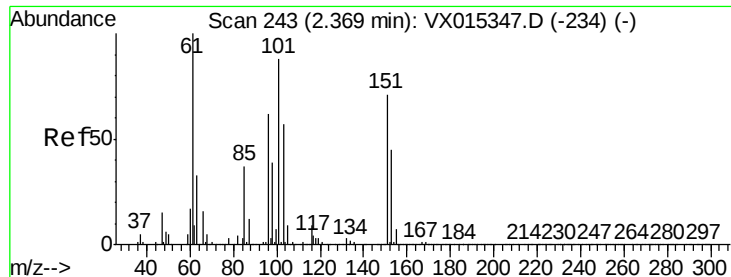


#8

Diethyl Ether
Concen: 18.774 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Tgt Ion: 74 Resp: 109135
Ion Ratio Lower Upper
74 100
45 110.1 21.8 196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.960 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

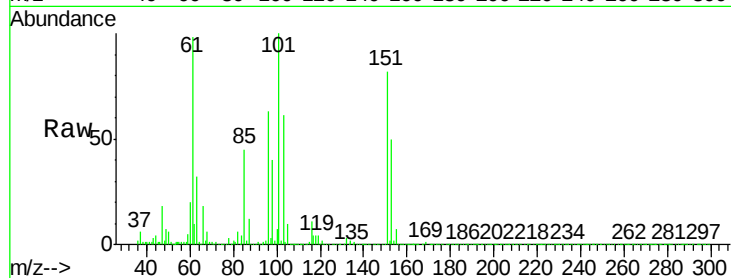
Tot Ion:101 Resp: 189533

Ion Ratio Lower Upper

101 100

85 47.5 0.0 85.8

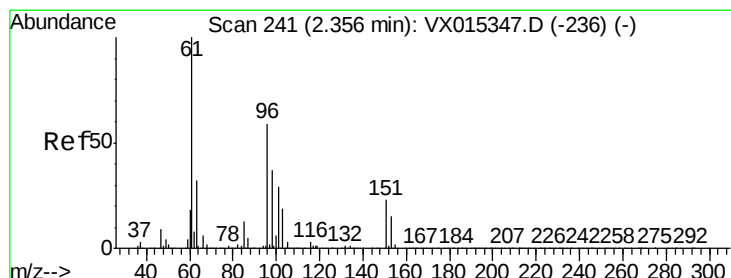
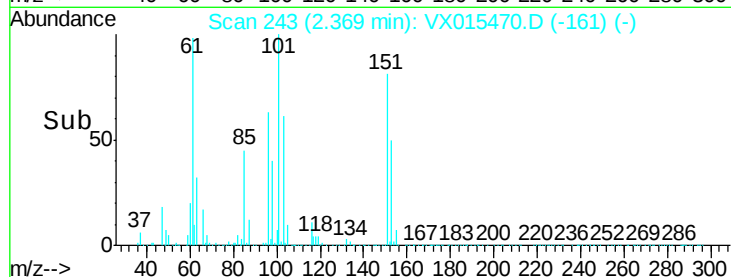
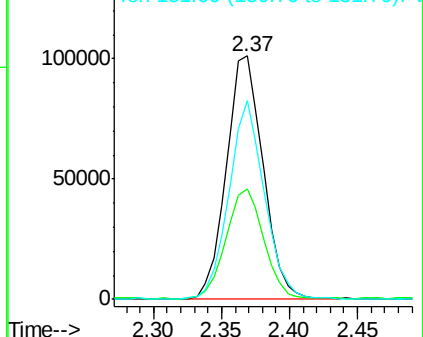
151 78.9 0.0 164.6



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: 18.956 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

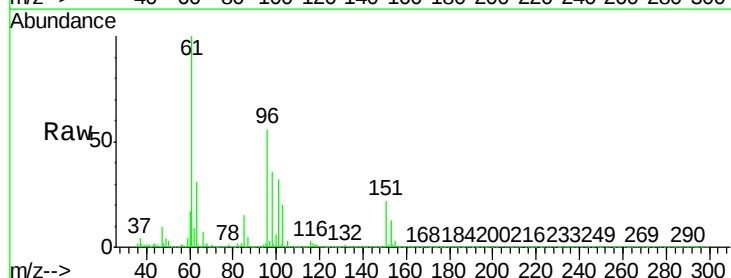
Tgt Ion: 96 Resp: 192466

Ion Ratio Lower Upper

96 100

61 179.1 135.5 203.3

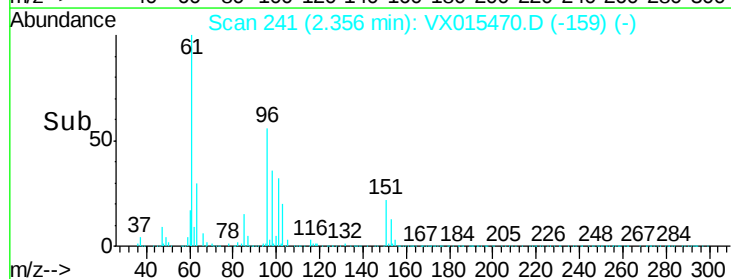
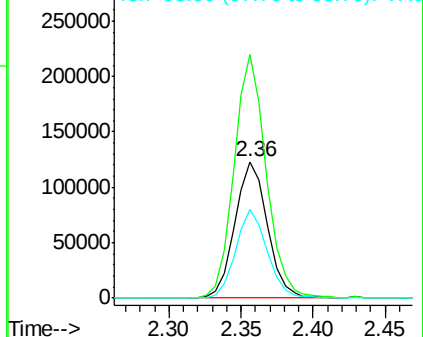
98 64.7 50.2 75.2

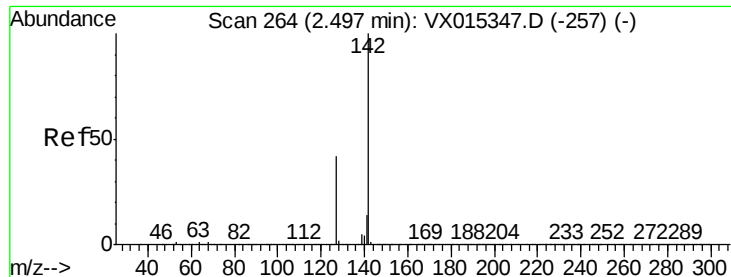


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

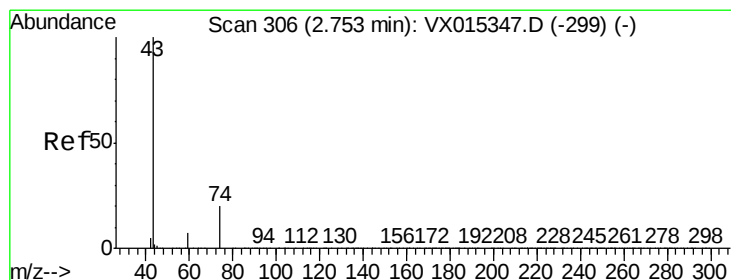
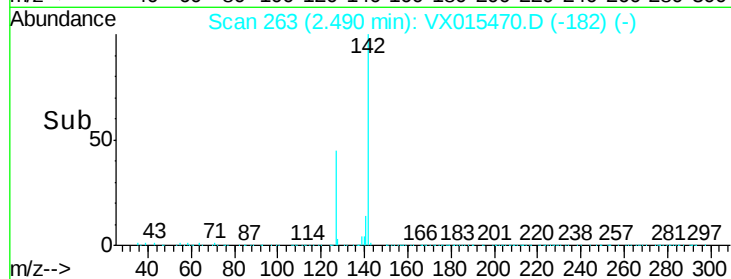
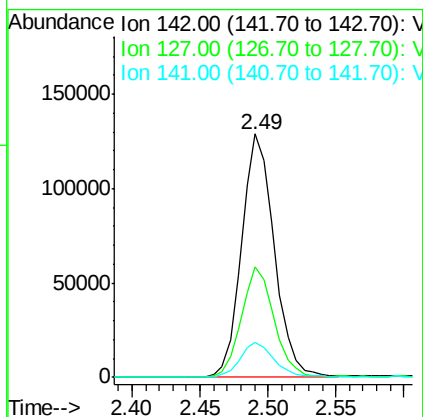
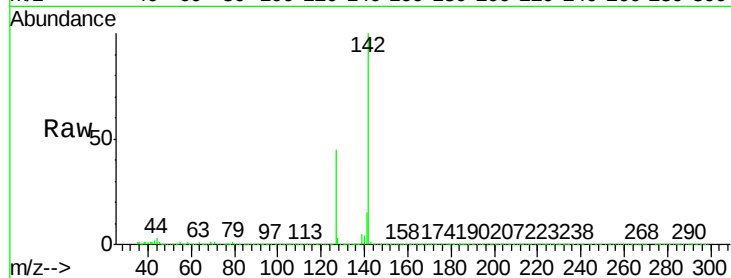




#11
Methyl Iodide
Concen: 16.041 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

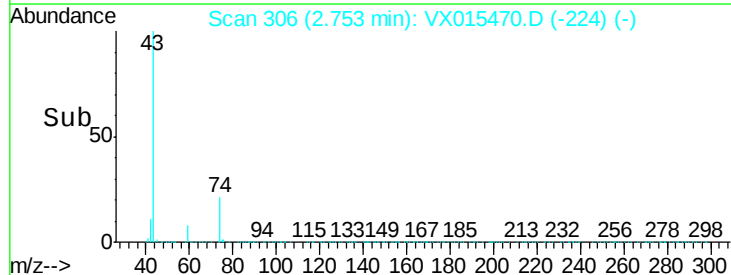
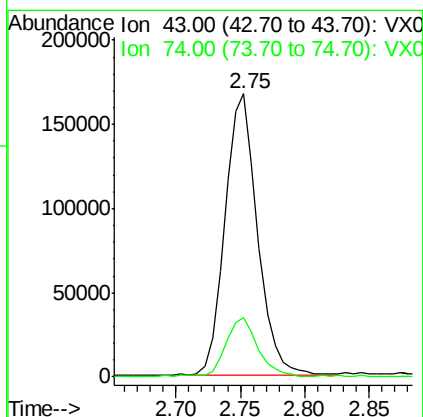
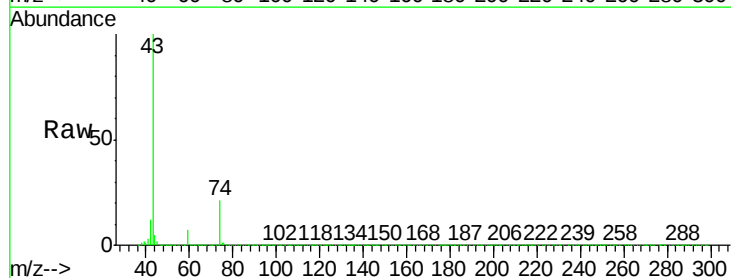
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

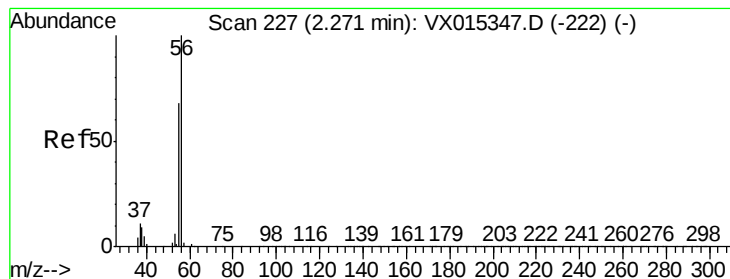
Tot Ion	Ratio	Lower	Upper
142	100		
127	45.1	21.0	63.0
141	14.4	6.9	20.7



#12
Methyl Acetate
Concen: 19.812 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.8	15.8	23.6





#13

Acrolein

Concen: 125.310 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

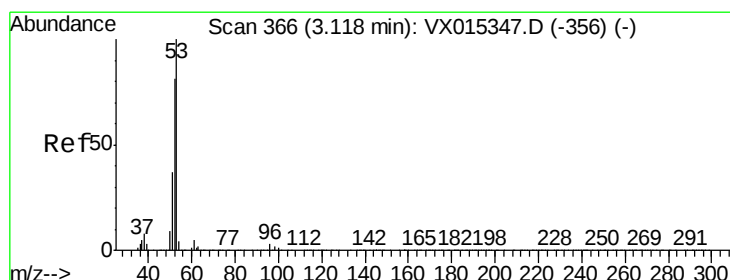
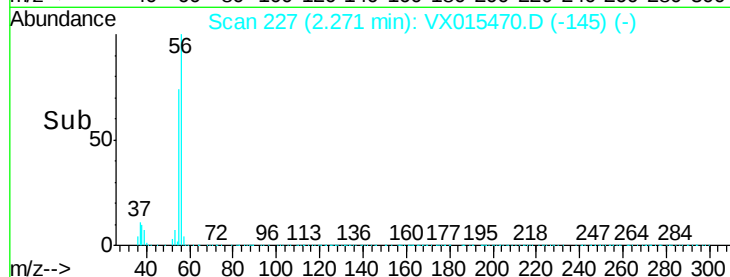
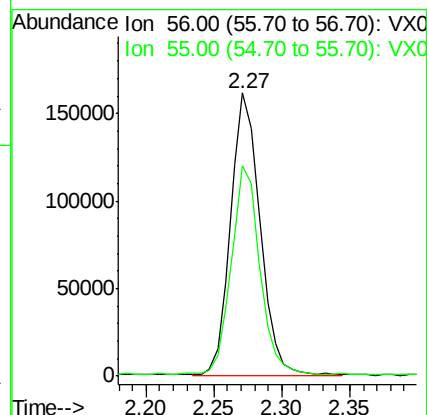
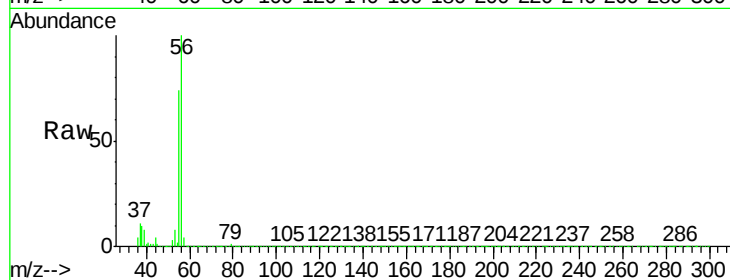
VSTDCCC020EC

Tot Ion: 56 Resp: 242196

Ion Ratio Lower Upper

56 100

55 71.4 53.5 80.3



#14

Acrylonitrile

Concen: 100.788 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

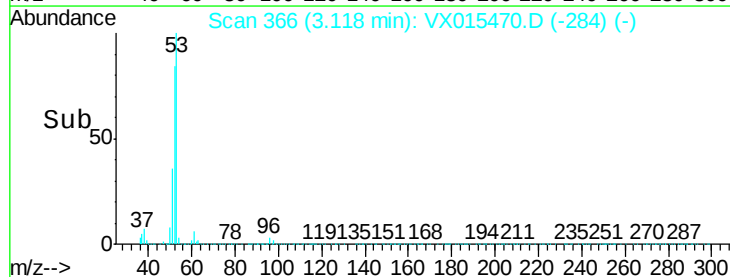
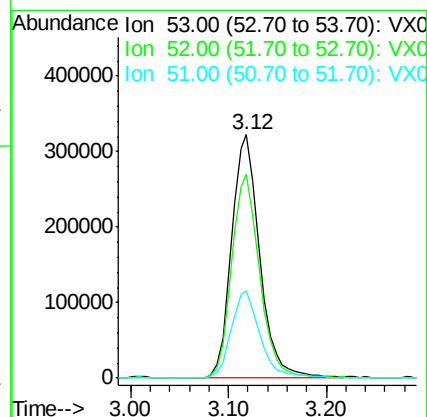
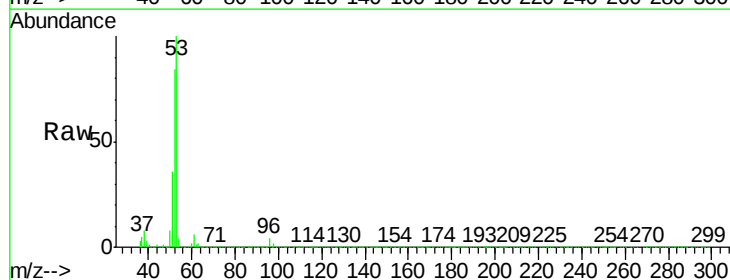
Tgt Ion: 53 Resp: 641078

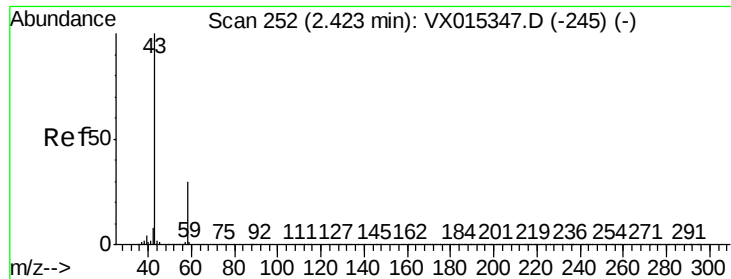
Ion Ratio Lower Upper

53 100

52 83.0 41.0 123.2

51 36.8 18.4 55.4





#15

Acetone

Concen: 99.511 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

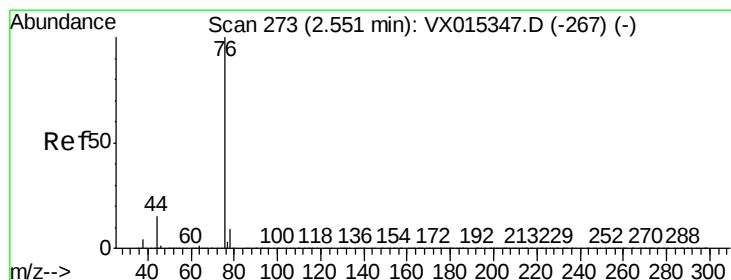
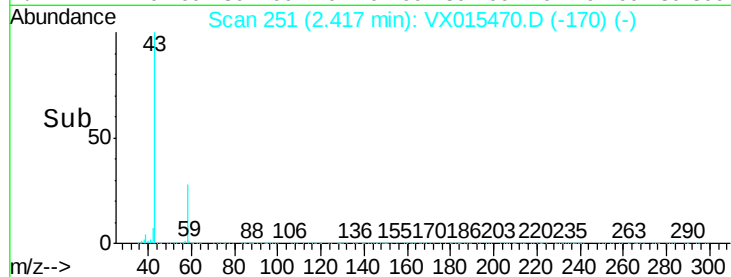
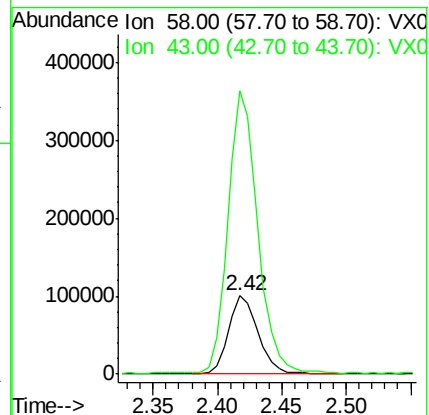
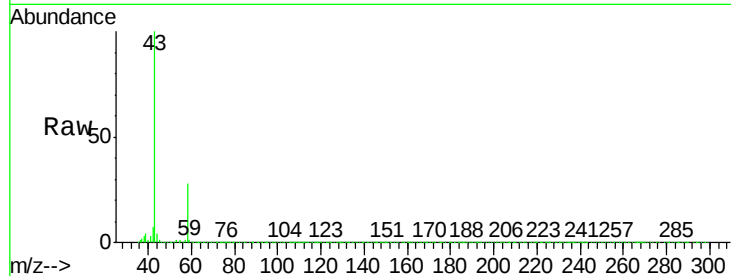
VSTDCCC020EC

Tot Ion: 58 Resp: 160947

Ion Ratio Lower Upper

58 100

43 360.6 267.8 401.8



#16

Carbon Disulfide

Concen: 19.168 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015470.D

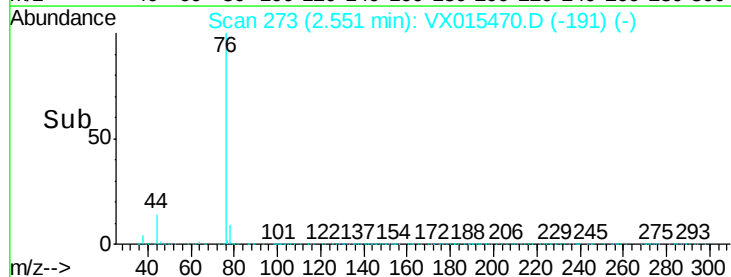
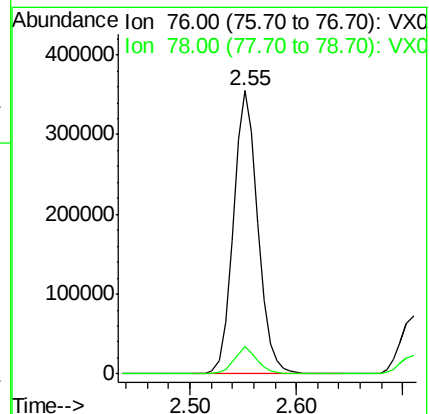
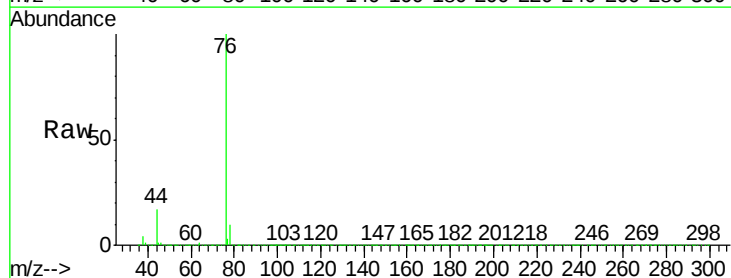
Acq: 01 Apr 2020 16:53

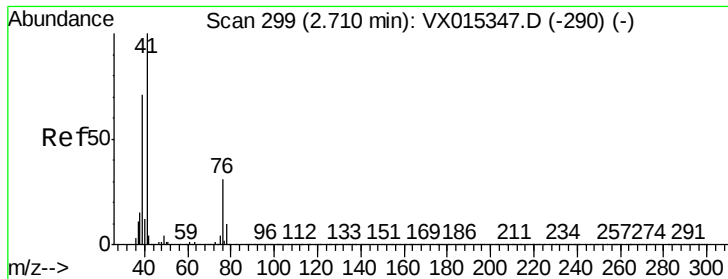
Tgt Ion: 76 Resp: 568930

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2

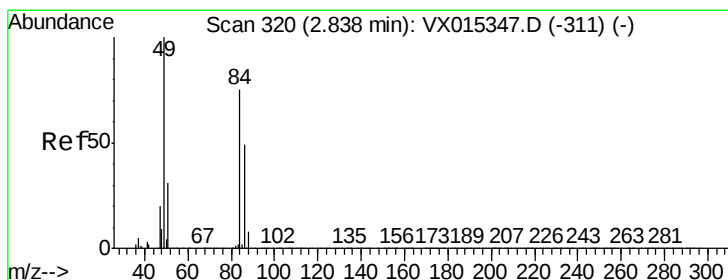
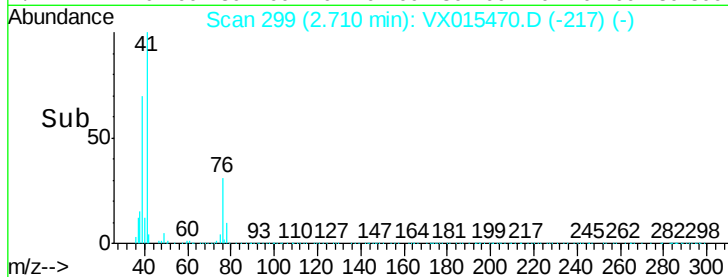
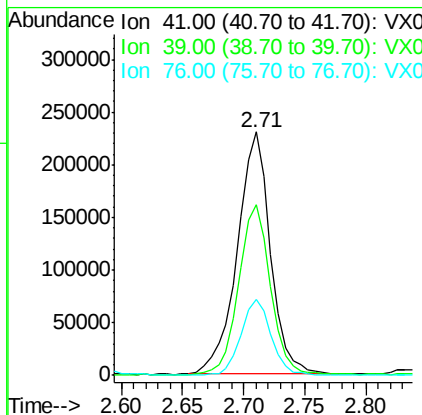
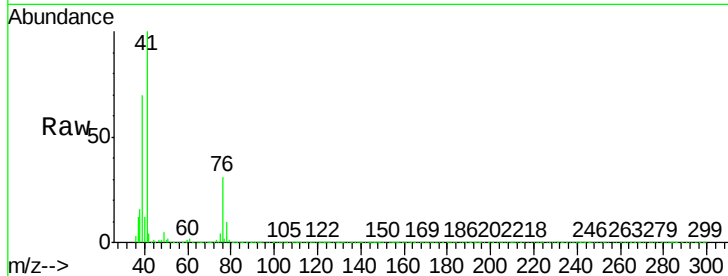




#17
Allvl chloride
Concen: 18.953 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

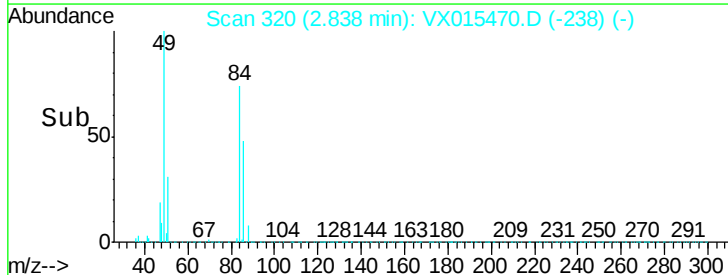
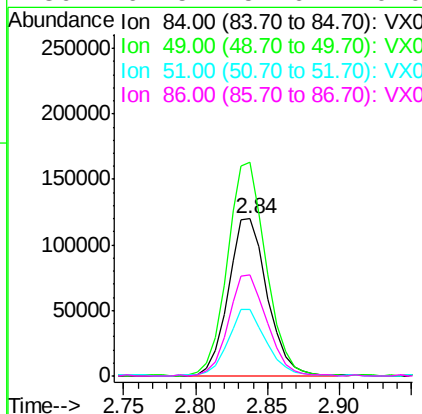
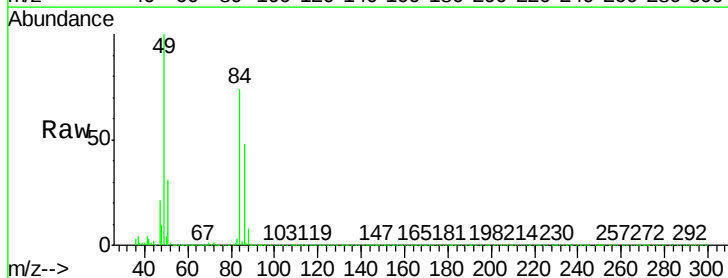
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

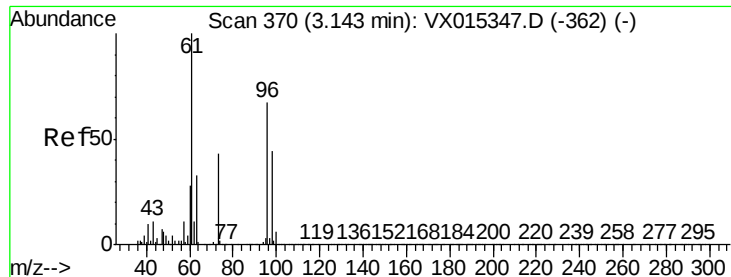
Tot Ion	Ratio	Lower	Upper
41	100		
39	70.0	35.6	106.8
76	31.2	15.4	46.4



#18
Methylene Chloride
Concen: 19.733 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.5	107.0	160.4
51	42.1	33.4	50.0
86	64.5	52.6	79.0





#19

trans-1,2-Dichloroethene

Concen: 19.330 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

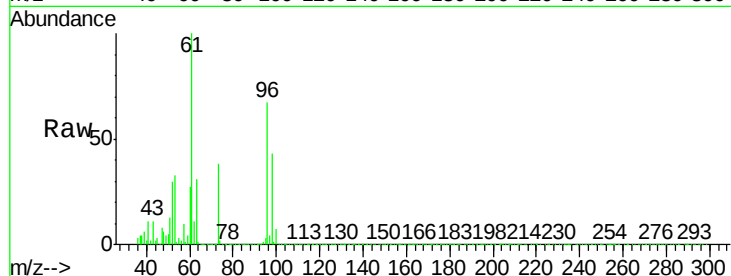
Tot Ion: 96 Resp: 212312

Ion Ratio Lower Upper

96 100

61 149.6 118.2 177.2

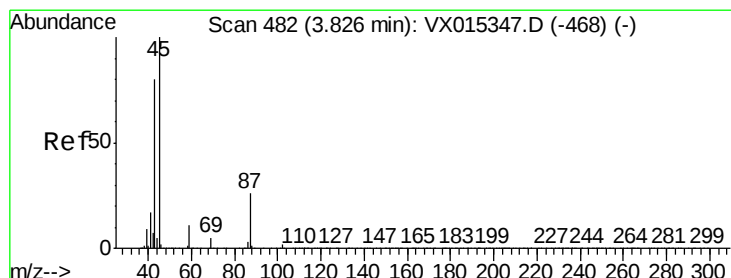
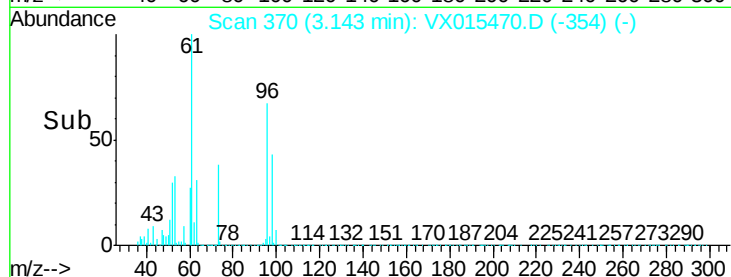
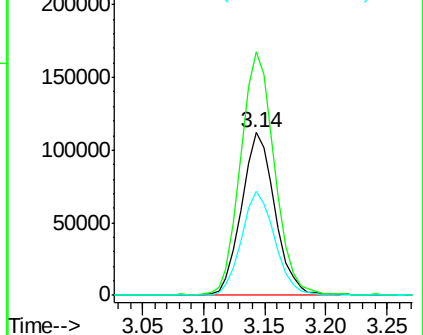
98 64.1 51.9 77.9



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: 19.624 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Tgt Ion: 45 Resp: 806849

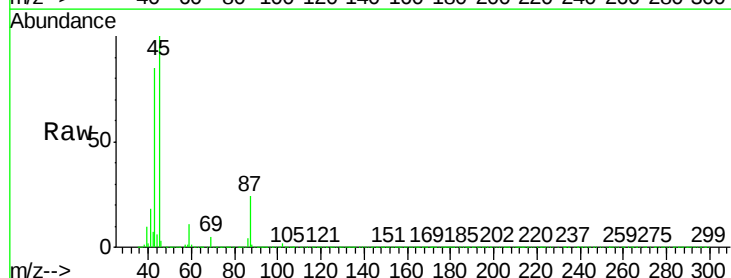
Ion Ratio Lower Upper

45 100

43 83.7 64.4 96.6

87 23.7 20.4 30.6

59 10.8 8.7 13.1

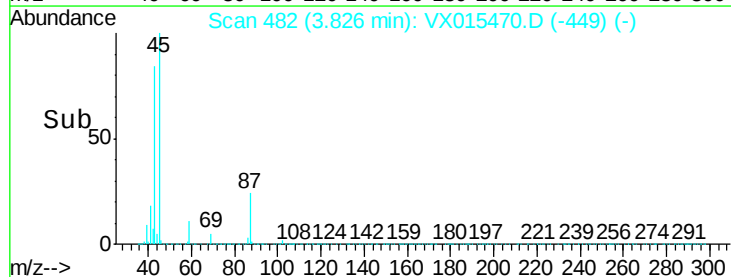
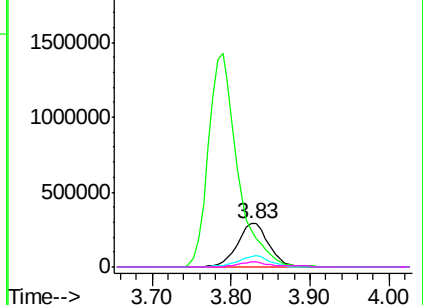


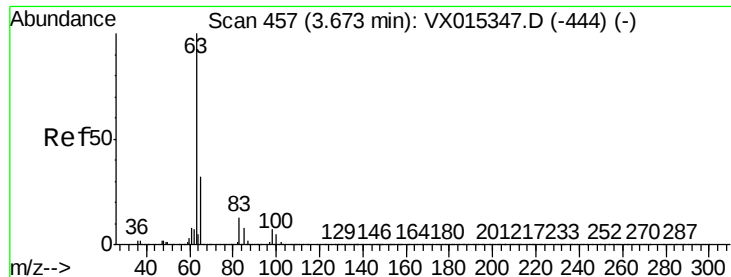
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 19.563 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

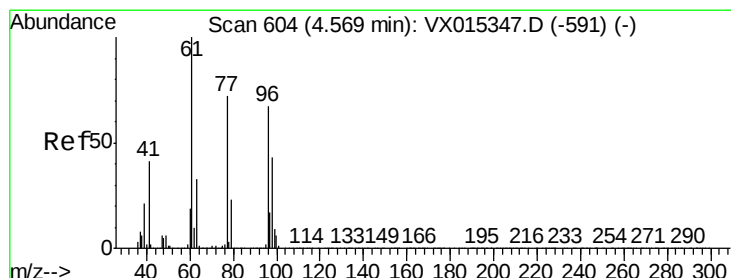
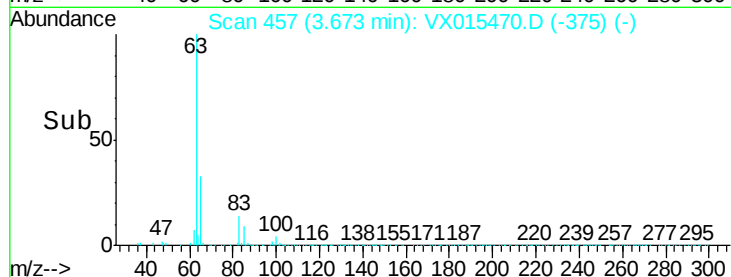
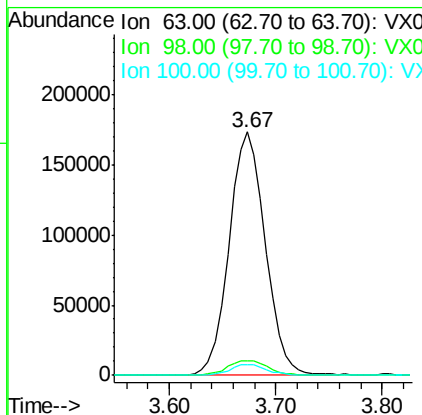
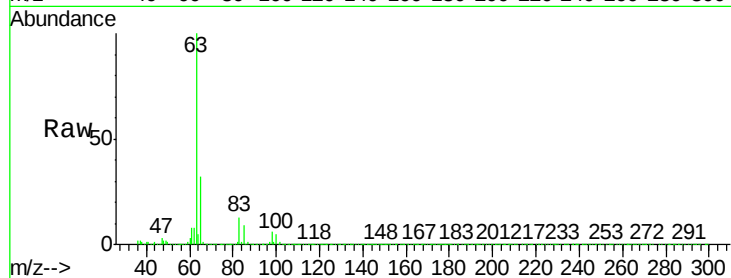
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	410580
Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.3	9.9
100	4.4	2.3	6.8



#22

cis-1,2-Dichloroethene

Concen: 19.127 ug/l

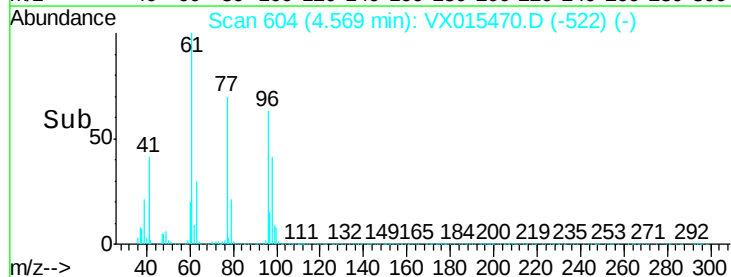
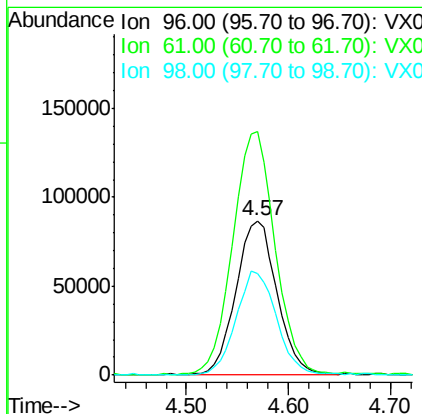
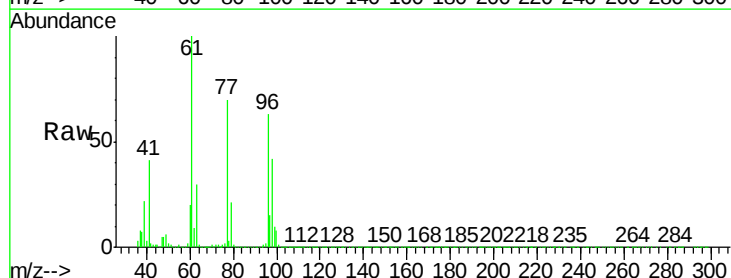
RT: 4.57 min Scan# 604

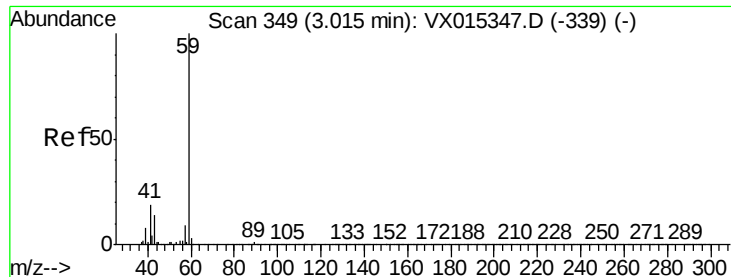
Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Tgt Ion:	96	Resp:	242015
Ion	Ratio	Lower	Upper
96	100		
61	162.3	127.2	190.8
98	66.0	51.8	77.6

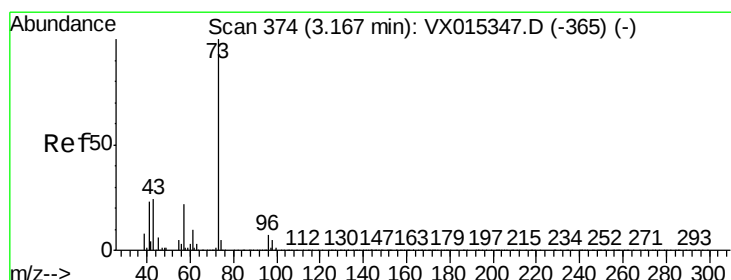
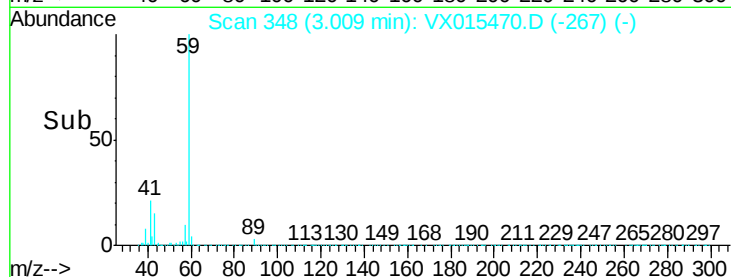
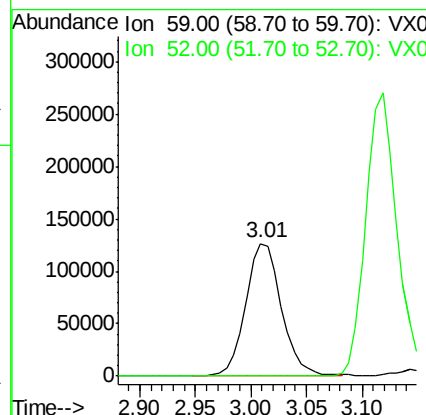
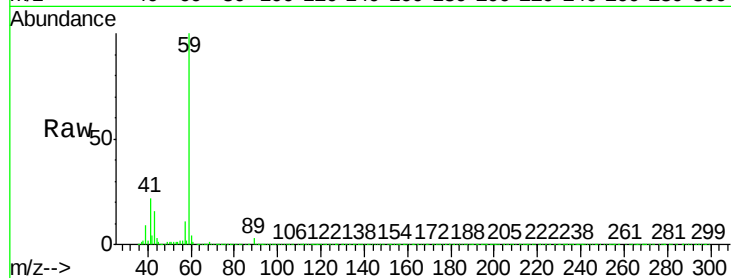




#23
tert-Butyl Alcohol
Concen: 90.176 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

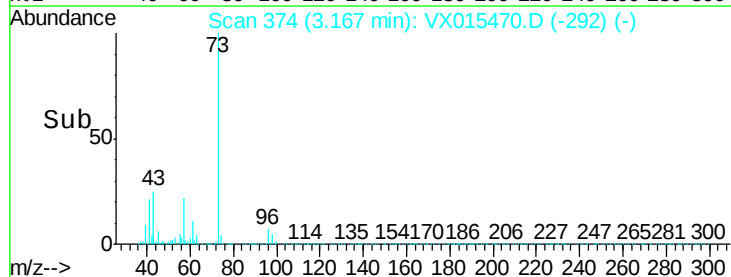
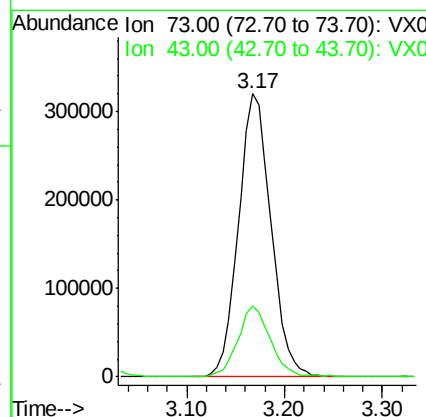
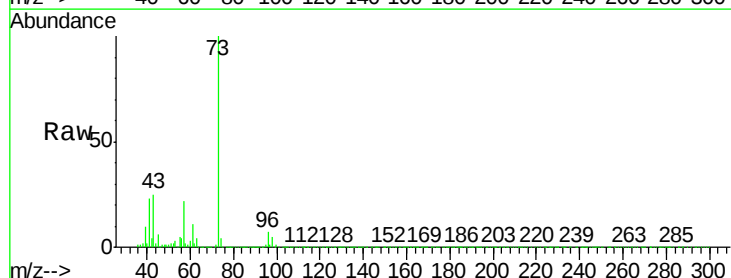
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

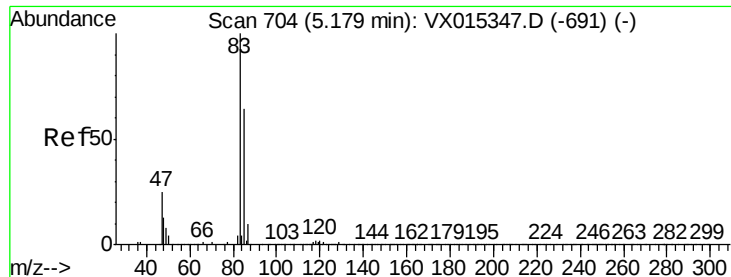
Tot Ion: 59 Resp: 282130
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 19.423 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Tgt Ion: 73 Resp: 732218
Ion Ratio Lower Upper
73 100
43 24.6 19.2 28.8





#25

Chloroform

Concen: 19.415 ug/l

RT: 5.19 min Scan# 705

Delta R.T. 0.01 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

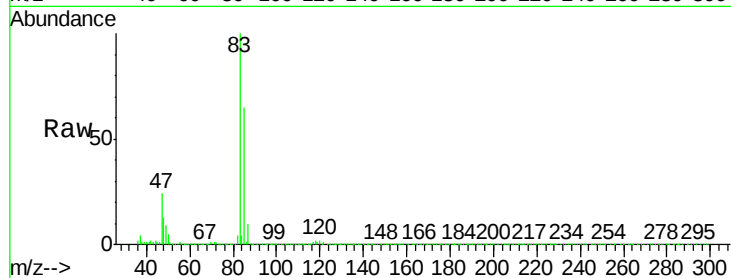
VSTDCCC020EC

Tot Ion: 83 Resp: 402761

Ion Ratio Lower Upper

83 100

85 64.6 50.5 75.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.19

150000

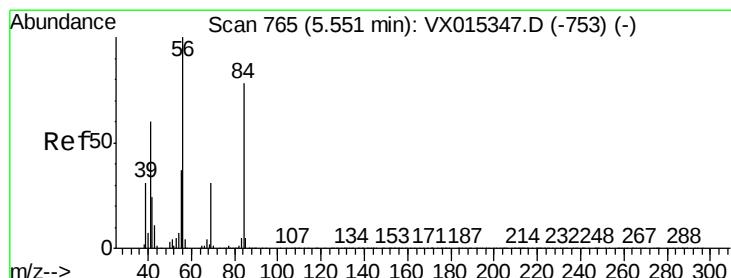
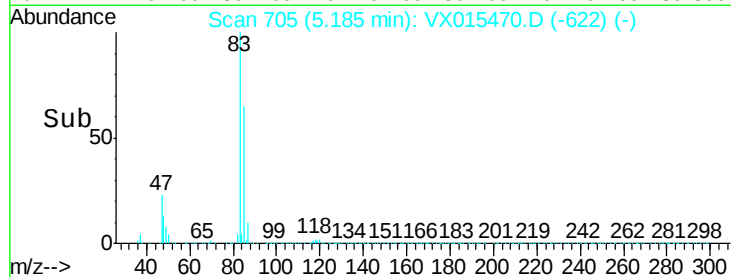
100000

50000

0

Time-->

5.10 5.20 5.30



#26

Cyclohexane

Concen: 18.713 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

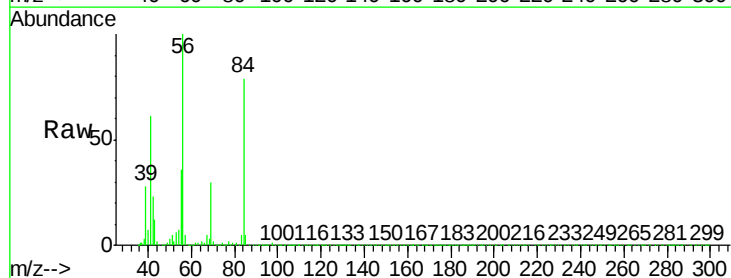
Tgt Ion: 56 Resp: 375244

Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 82.3 66.1 99.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

200000

150000

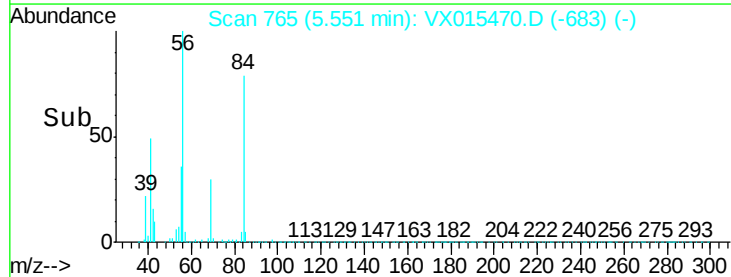
100000

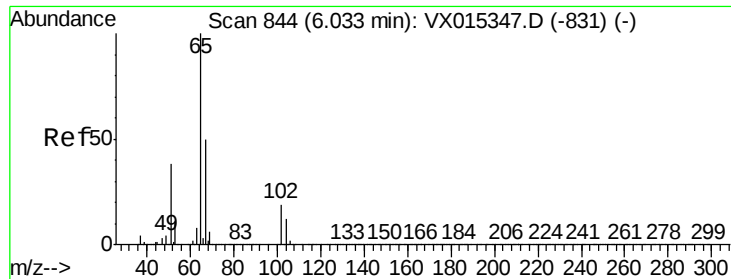
50000

0

Time-->

5.40 5.50 5.60





#27

1,2-Dichloroethane-d4

Concen: 32.326 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

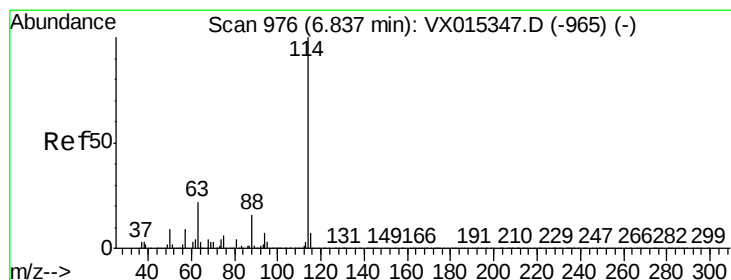
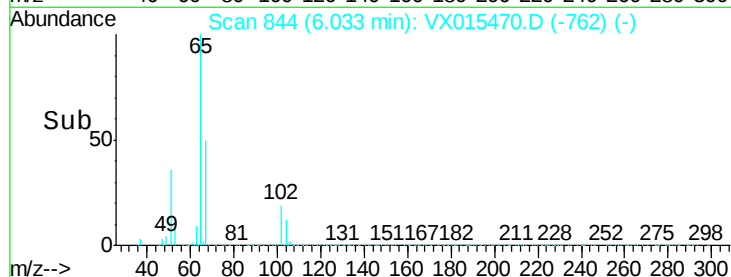
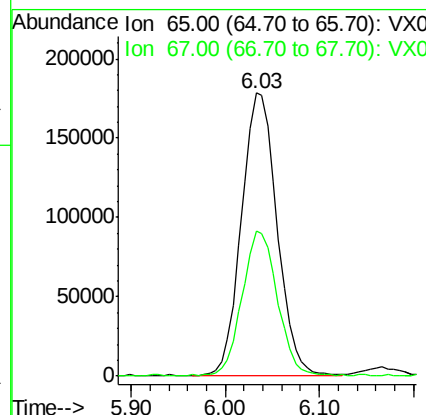
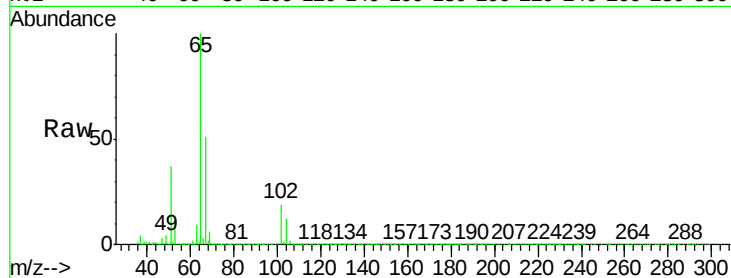
VSTDCCC020EC

Tot Ion: 65 Resp: 471028

Ion Ratio Lower Upper

65 100

67 50.5 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: VX015470.D

Acq: 01 Apr 2020 16:53

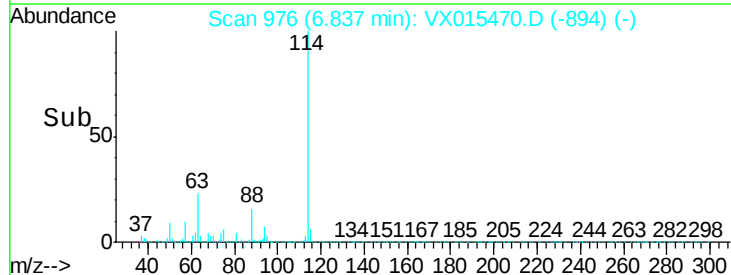
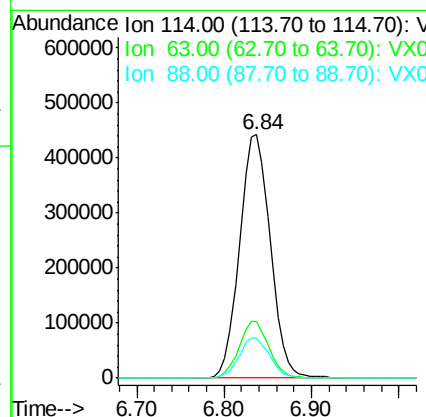
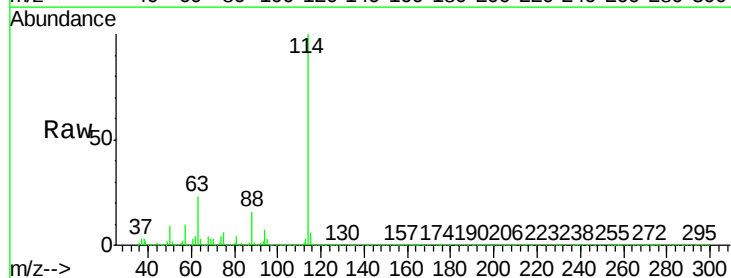
Tgt Ion: 114 Resp: 1080587

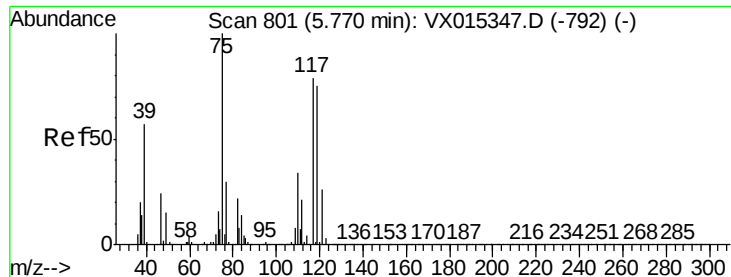
Ion Ratio Lower Upper

114 100

63 22.4 17.4 26.2

88 16.5 12.9 19.3





#29

1,1-Dichloropropene

Concen: 18.947 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.01 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

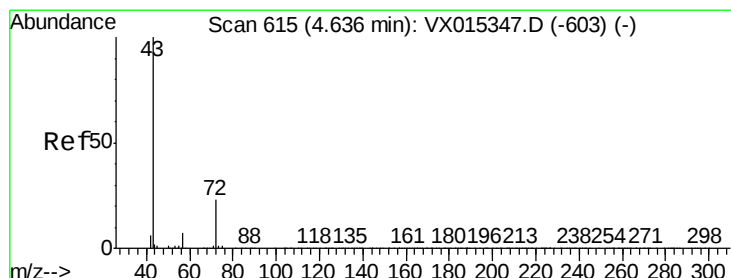
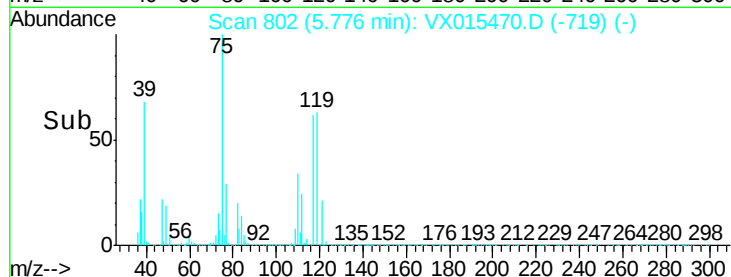
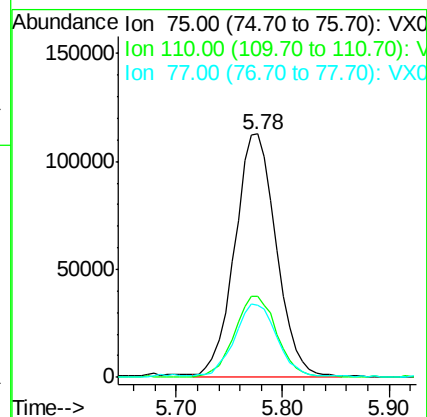
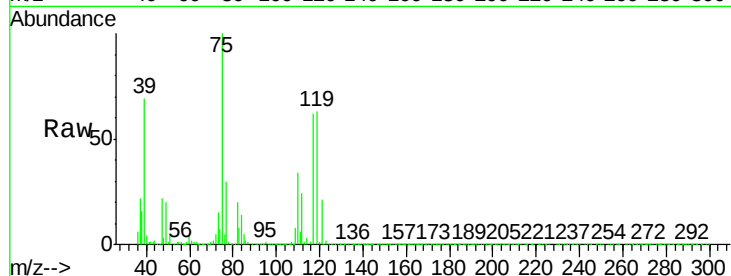
Tot Ion: 75 Resp: 307605

Ion Ratio Lower Upper

75 100

110 33.7 0.0 71.2

77 30.6 0.0 62.2



#30

2-Butanone

Concen: 96.651 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

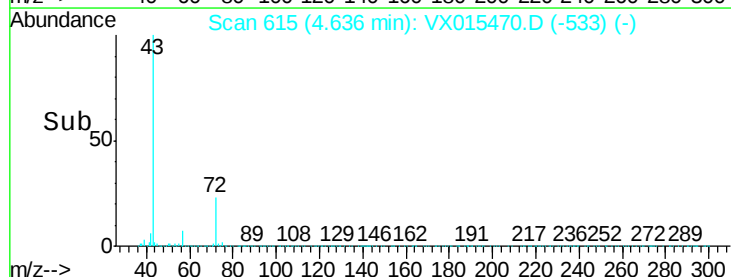
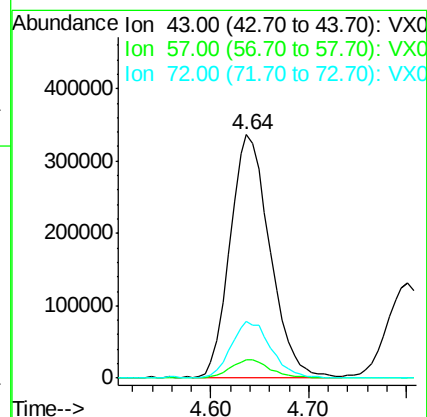
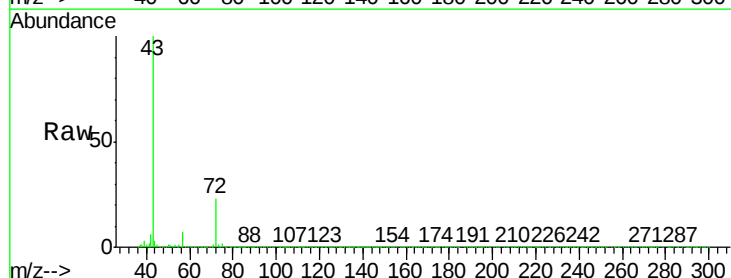
Tgt Ion: 43 Resp: 940620

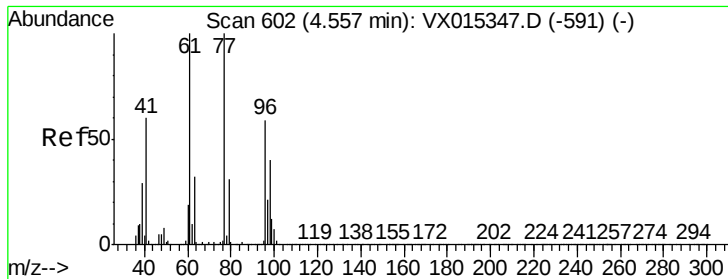
Ion Ratio Lower Upper

43 100

57 7.4 5.9 8.9

72 23.1 18.6 27.8





#31

2,2-Dichloropropane

Concen: 18.902 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

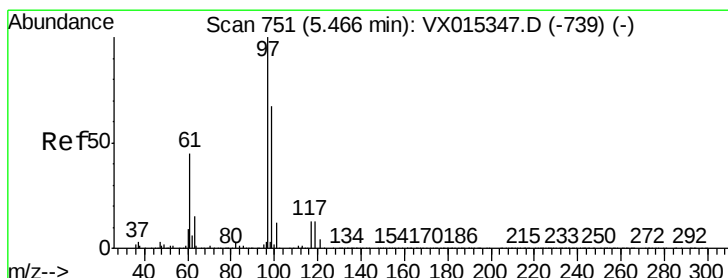
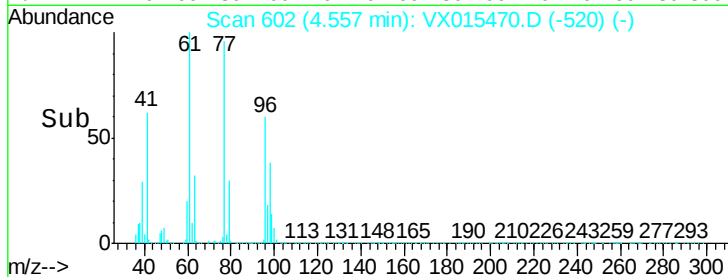
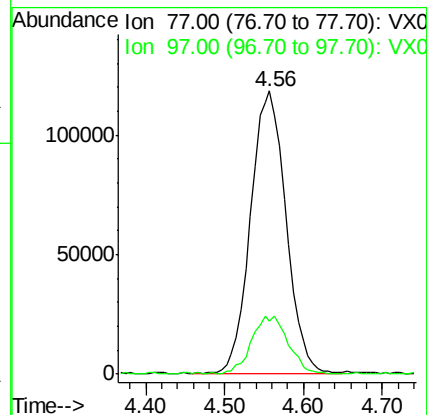
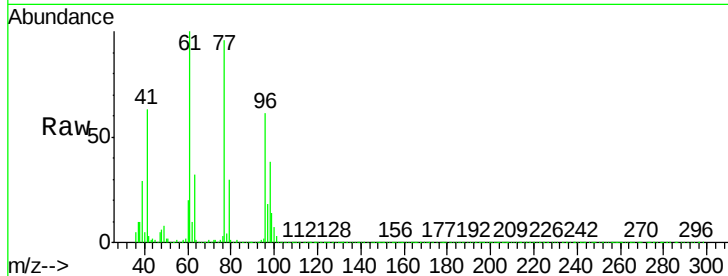
VSTDCCC020EC

Tot Ion: 77 Resp: 369272

Ion Ratio Lower Upper

77 100

97 20.7 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 18.769 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

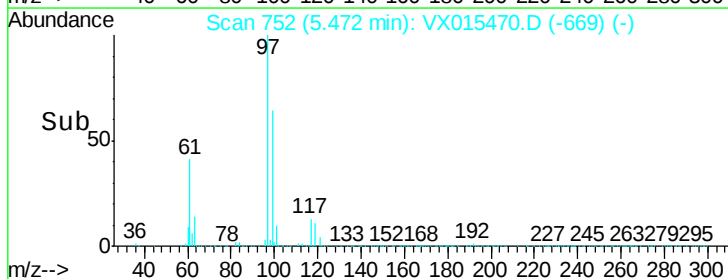
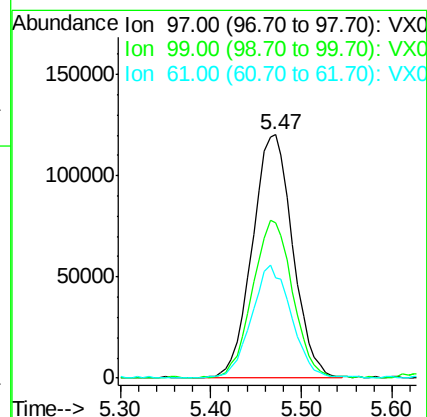
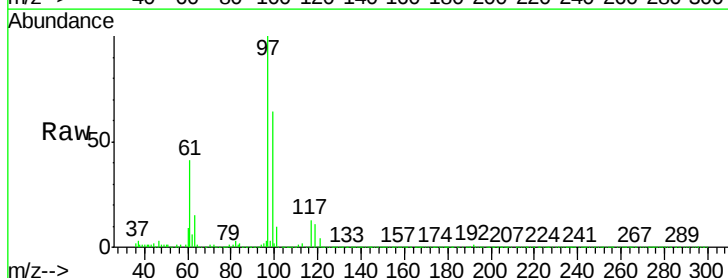
Tgt Ion: 97 Resp: 371766

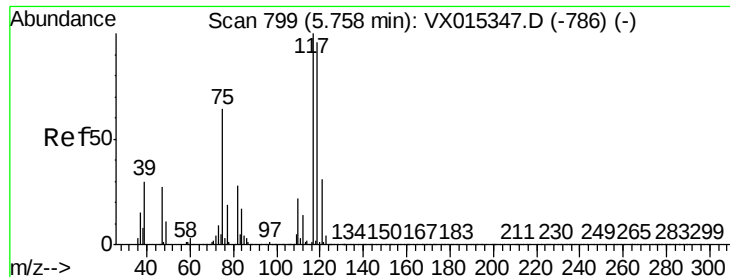
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 45.2 35.8 53.8





#33

Carbon Tetrachloride

Concen: 17.797 ug/l

RT: 5.76 min Scan# 799

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

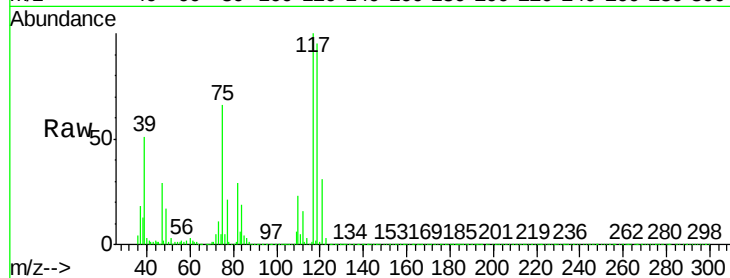
Tot Ion:117 Resp: 321253

Ion Ratio Lower Upper

117 100

119 94.9 76.6 114.8

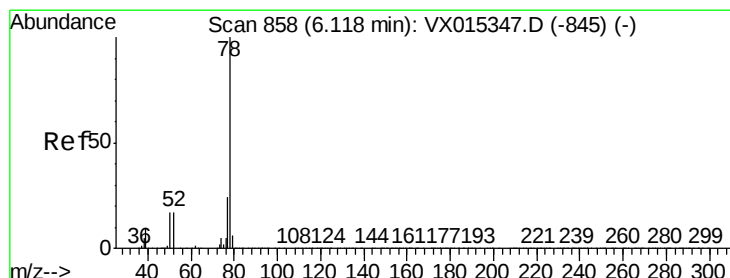
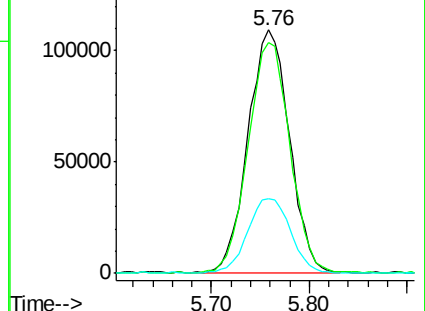
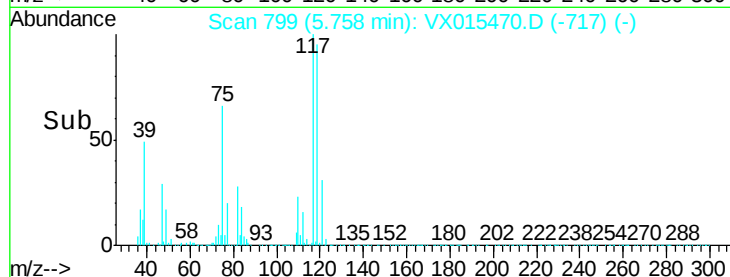
121 30.8 25.0 37.4



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: 18.656 ug/l

RT: 6.12 min Scan# 858

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

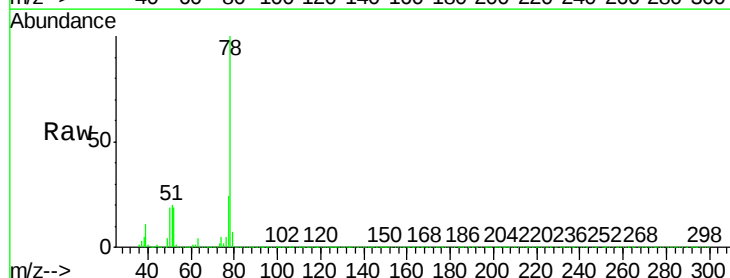
Tgt Ion: 78 Resp: 872909

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.2

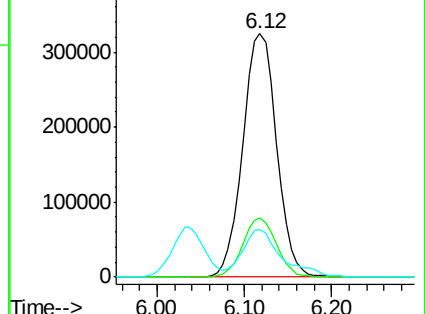
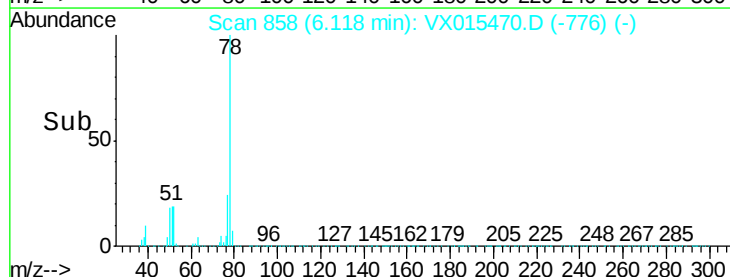
51 19.1 14.6 21.8

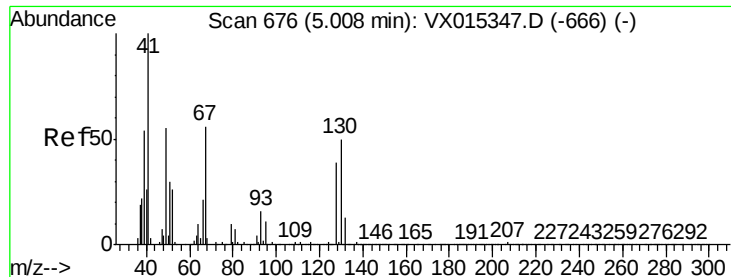


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

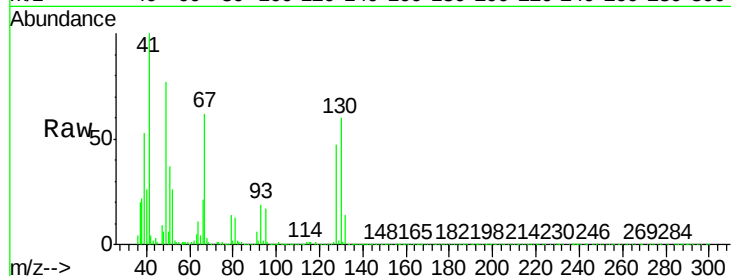




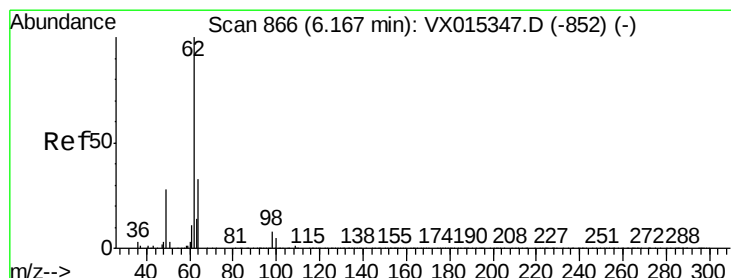
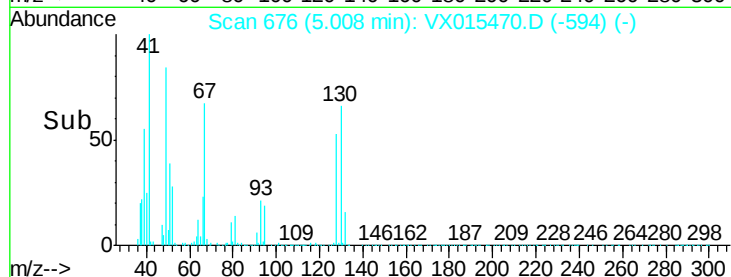
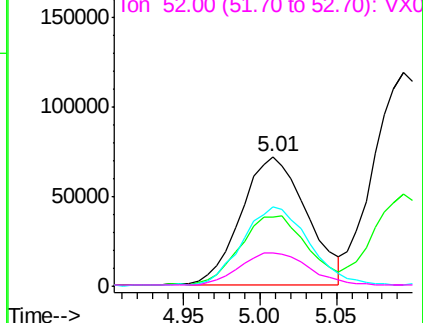
#35
Methacrylonitrile
Concen: 19.329 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	213321
Ion	Ratio	Lower	Upper
41	100		
39	52.8	27.0	81.0
67	61.6	28.2	84.6
52	25.6	12.8	38.3

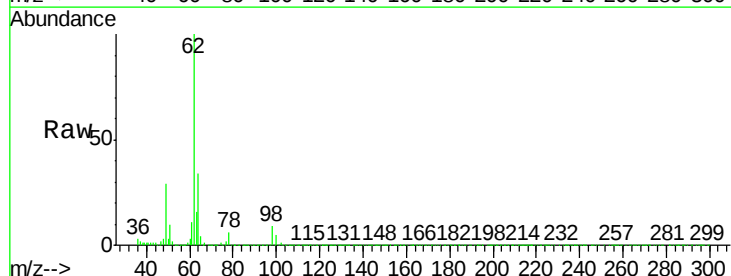


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

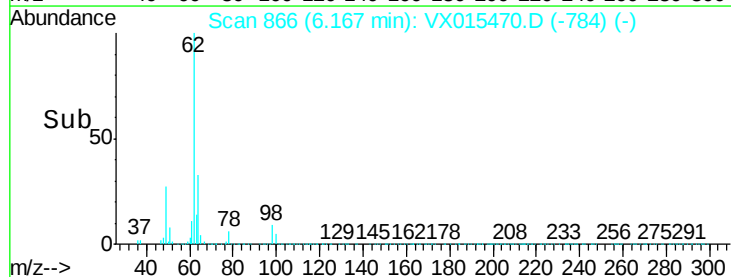
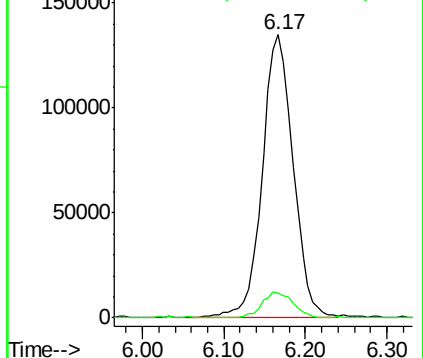


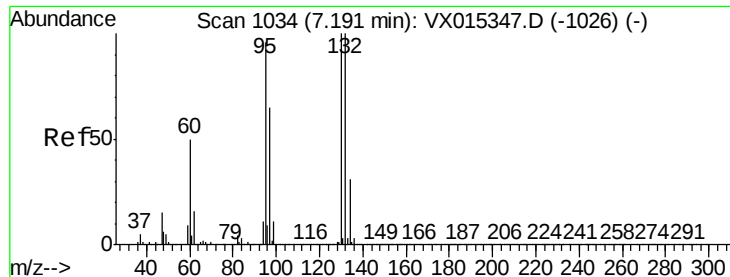
#36
1,2-Dichloroethane
Concen: 19.661 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Tgt Ion:	62	Resp:	355487
Ion	Ratio	Lower	Upper
62	100		
98	9.1	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: 18.252 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

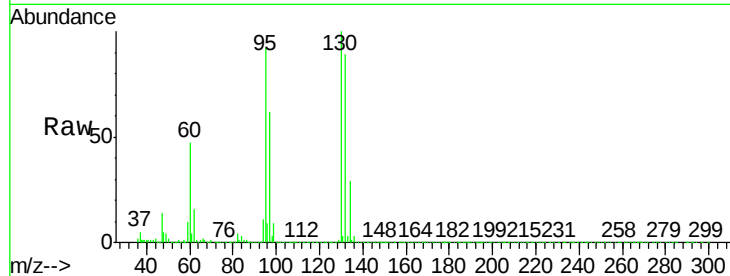
VSTDCCC020EC

Tot Ion:130 Resp: 240464

Ion Ratio Lower Upper

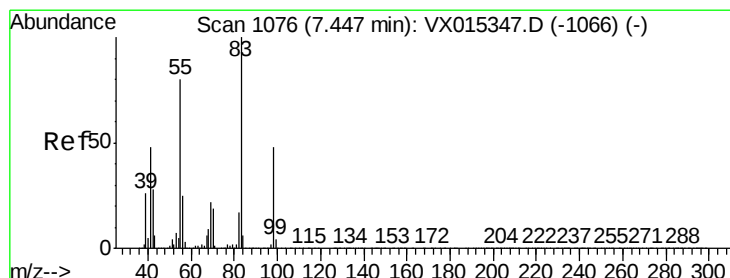
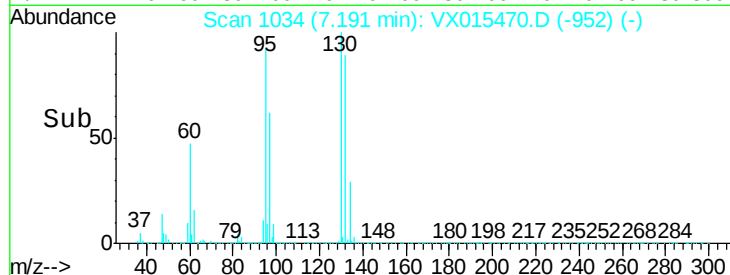
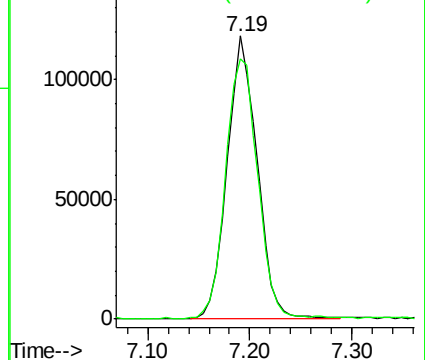
130 100

95 91.7 76.4 114.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.116 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

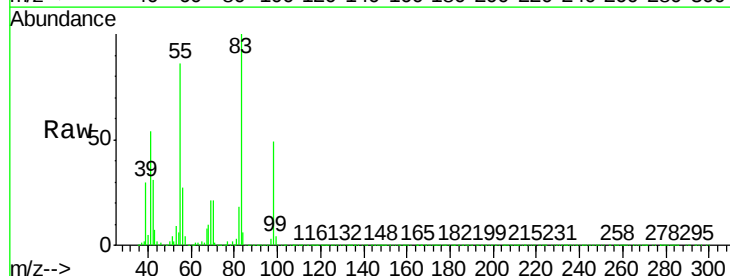
Tgt Ion: 83 Resp: 360544

Ion Ratio Lower Upper

83 100

55 84.1 41.3 124.1

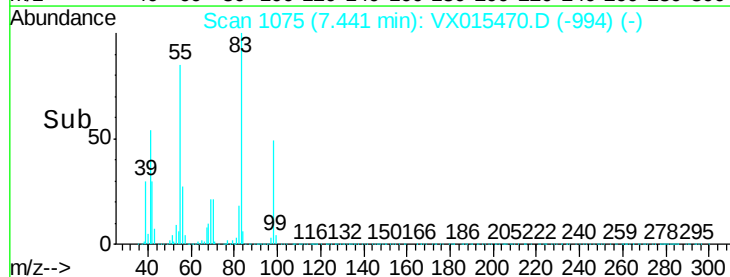
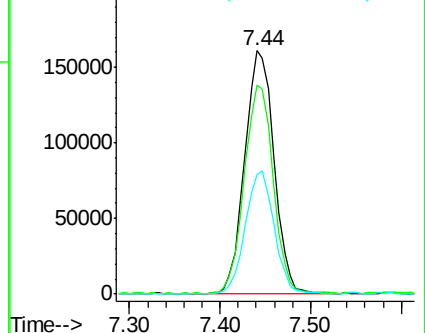
98 49.5 24.0 72.0

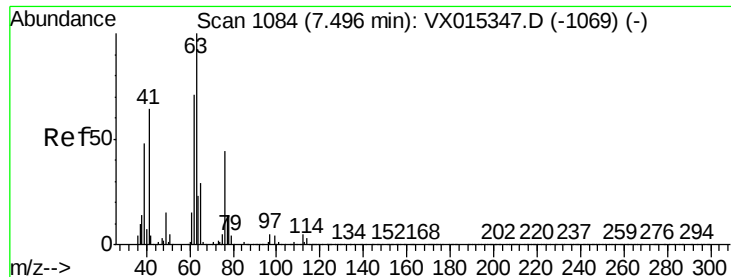


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

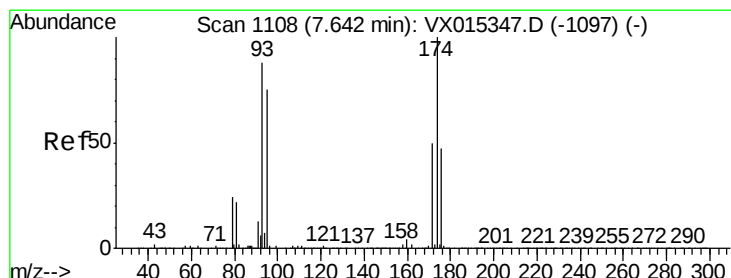
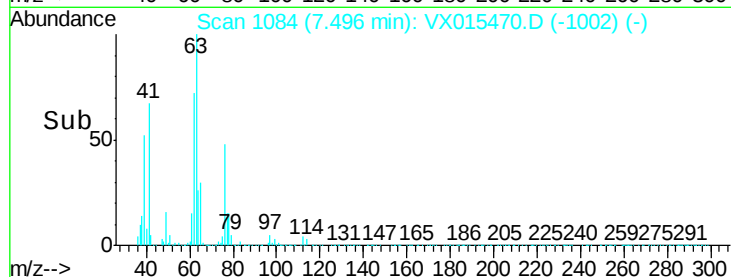
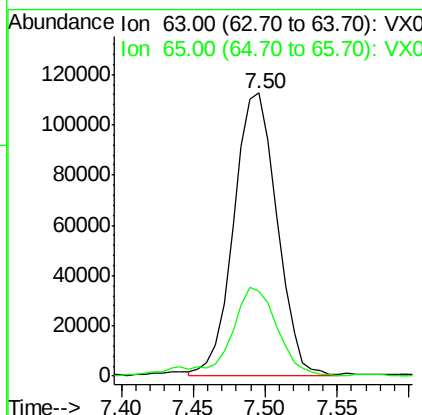
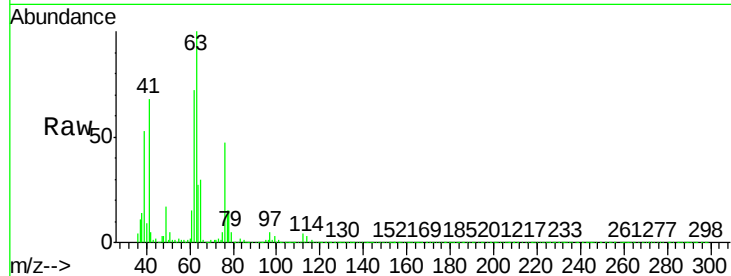




#39
 1,2-Dichloropropane
 Concen: 18.573 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015470.D
 Acq: 01 Apr 2020 16:53

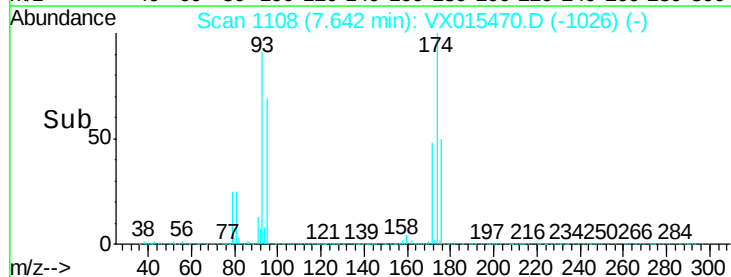
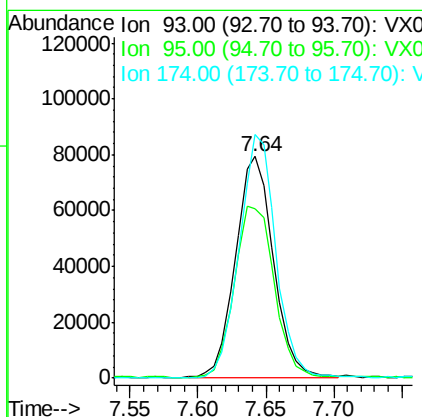
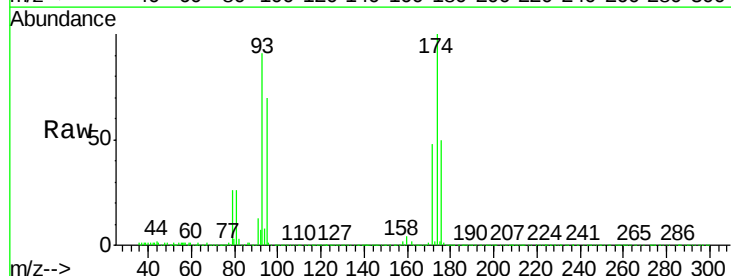
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

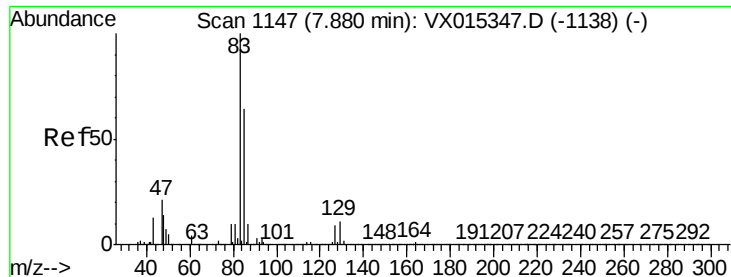
Tot Ion: 63 Resp: 233420
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.0 34.4



#40
 Dibromomethane
 Concen: 18.527 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015470.D
 Acq: 01 Apr 2020 16:53

Tgt Ion: 93 Resp: 154988
 Ion Ratio Lower Upper
 93 100
 95 81.0 0.0 166.4
 174 105.4 0.0 225.4





#41

Bromodichloromethane

Concen: 18.201 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

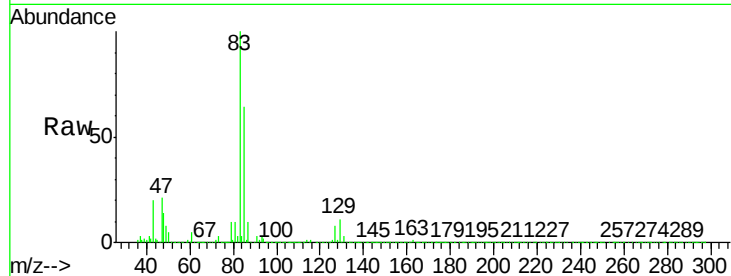
Tot Ion: 83 Resp: 330896

Ion Ratio Lower Upper

83 100

85 63.5 51.6 77.4

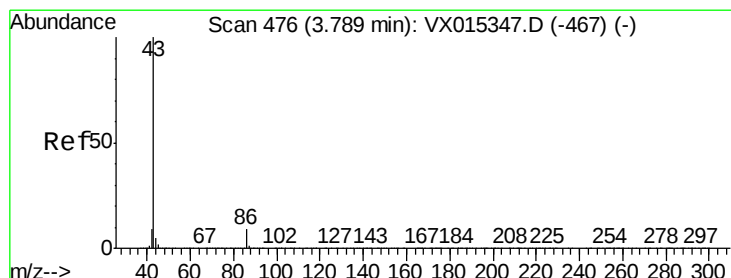
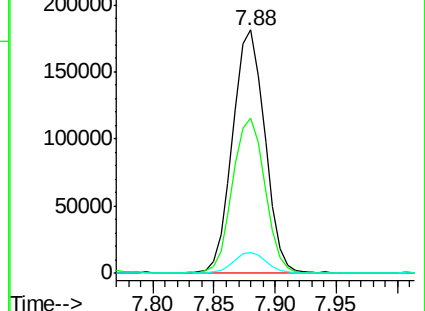
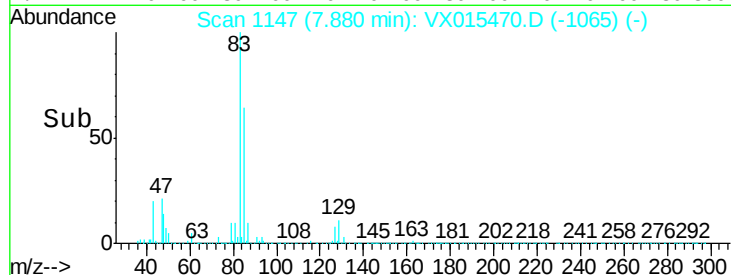
127 8.3 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 99.453 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015470.D

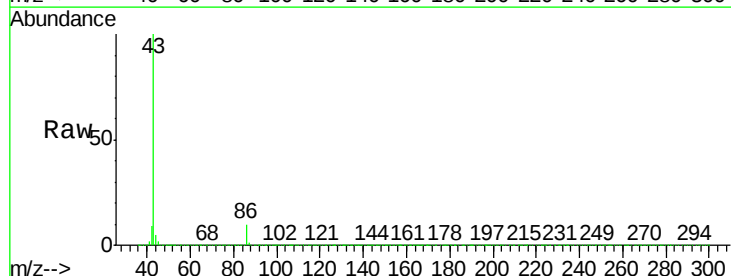
Acq: 01 Apr 2020 16:53

Tgt Ion: 43 Resp: 3667376

Ion Ratio Lower Upper

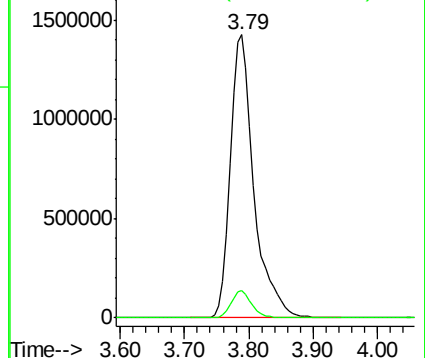
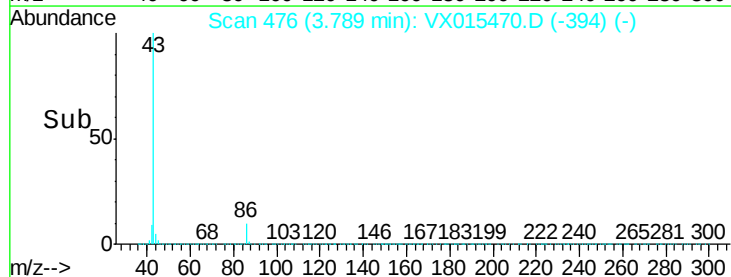
43 100

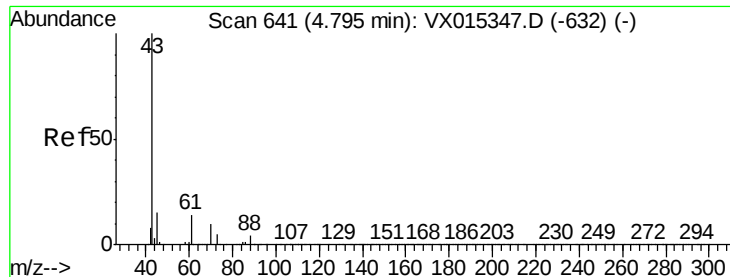
86 8.3 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

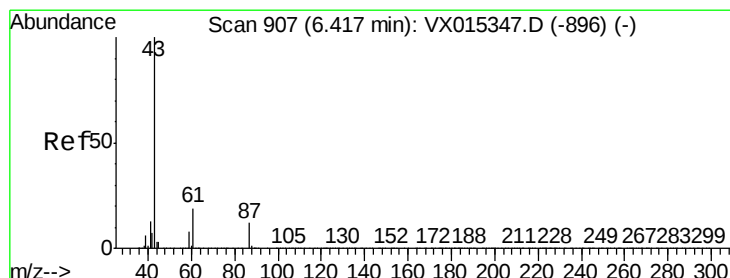
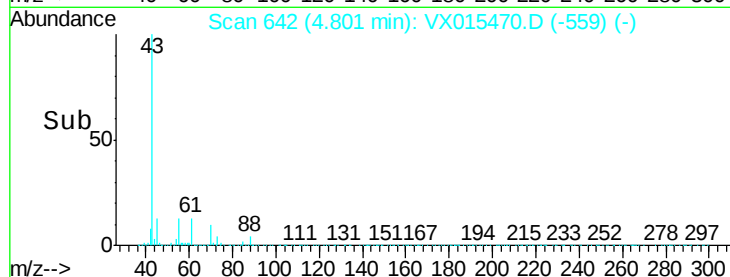
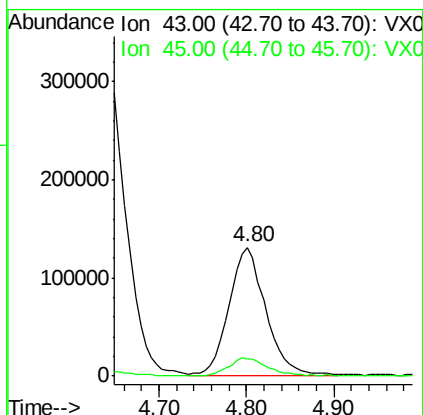
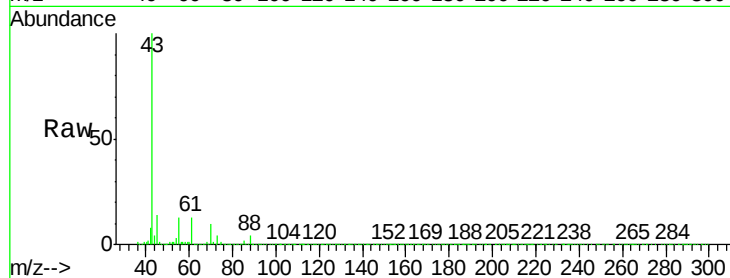




#43
Ethyl Acetate
Concen: 17.990 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

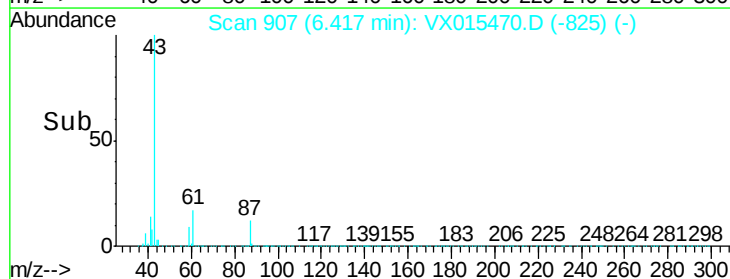
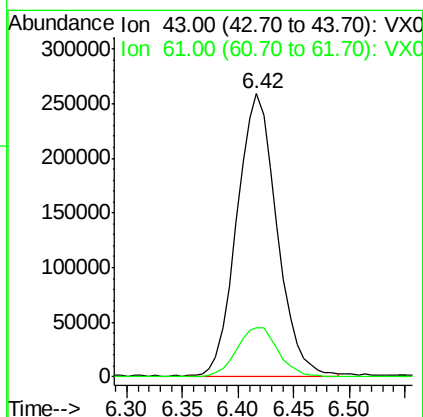
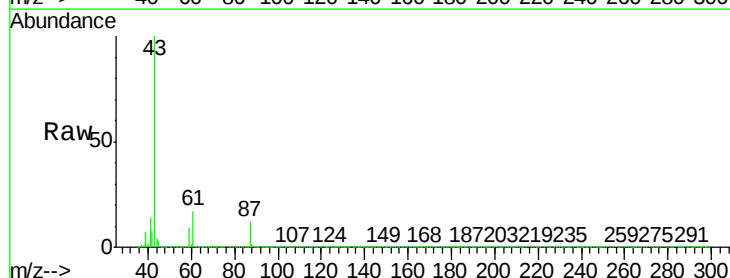
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

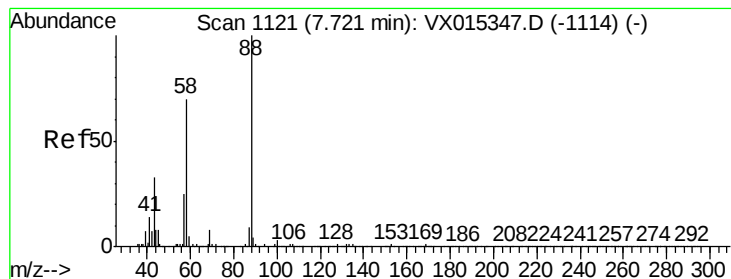
Tot Ion: 43 Resp: 380846
Ion Ratio Lower Upper
43 100
45 14.5 12.2 18.4



#44
Isopropyl Acetate
Concen: 18.859 ug/l
RT: 6.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Tgt Ion: 43 Resp: 642519
Ion Ratio Lower Upper
43 100
61 18.0 14.6 22.0





#45

1,4-Dioxane

Concen: 317.557 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

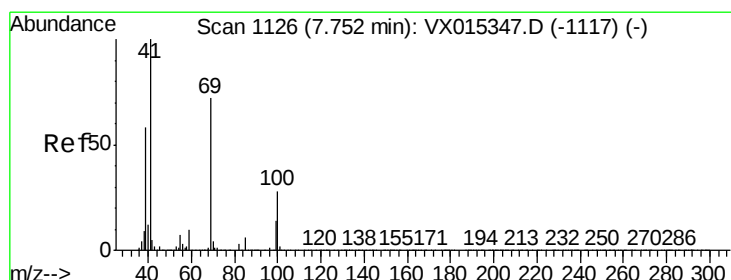
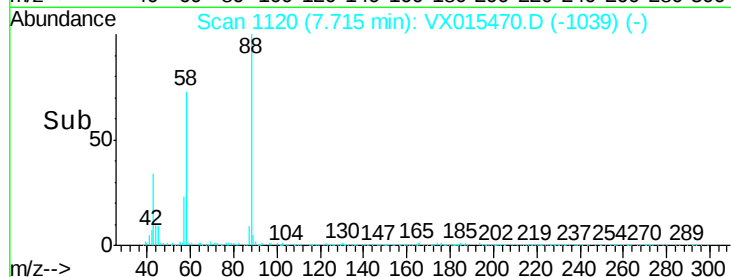
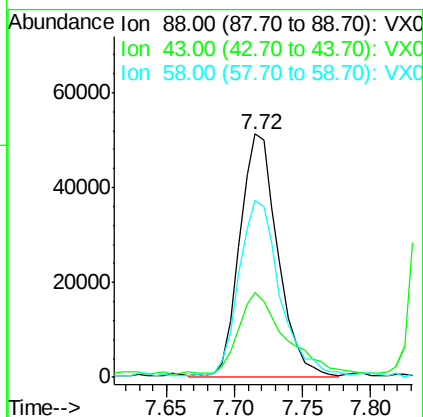
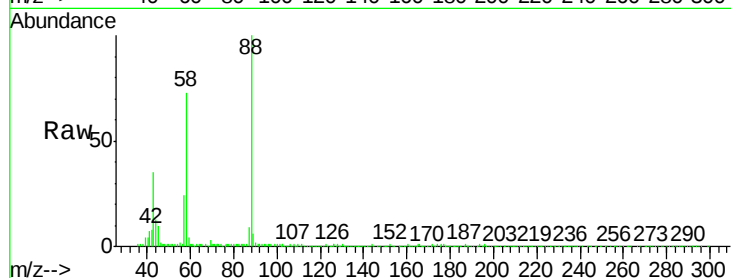
Tot Ion: 88 Resp: 99667

Ion Ratio Lower Upper

88 100

43 39.6 32.1 48.1

58 78.4 59.4 89.0



#46

Methyl methacrylate

Concen: 18.921 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

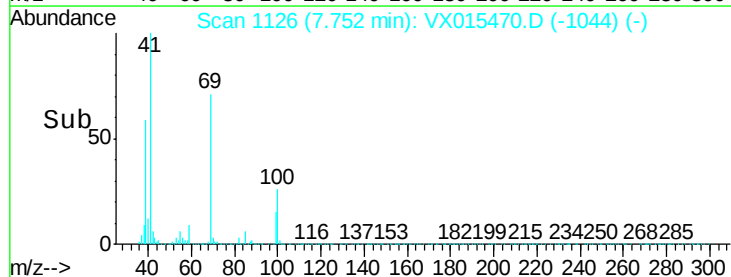
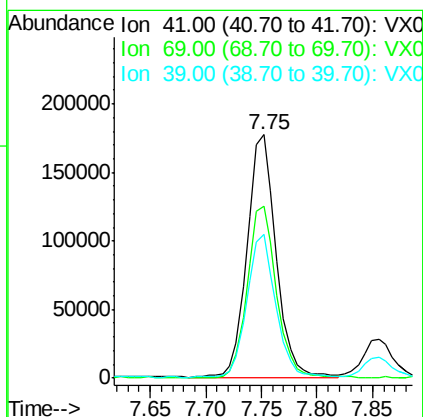
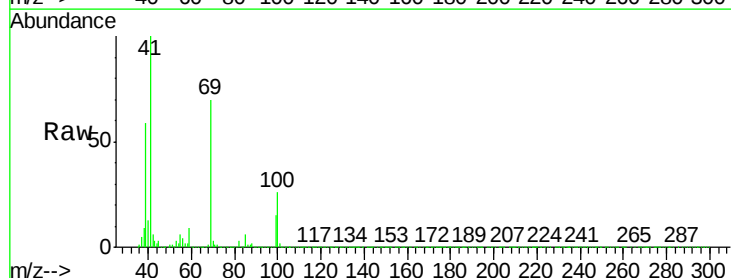
Tgt Ion: 41 Resp: 321686

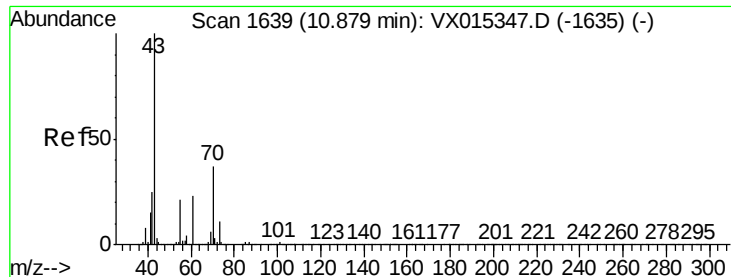
Ion Ratio Lower Upper

41 100

69 70.3 35.8 107.4

39 58.8 28.9 86.8





#47

n-amvl Acetate

Concen: 18.735 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

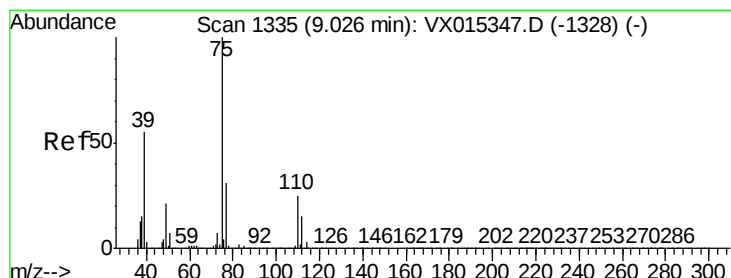
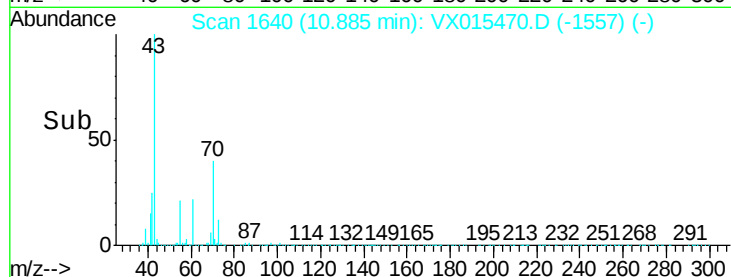
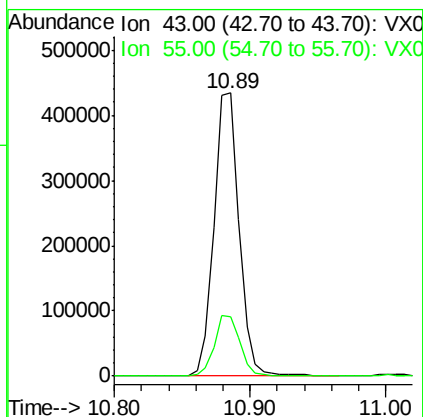
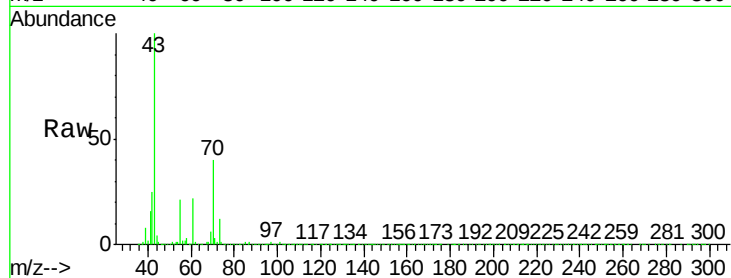
VSTDCCC020EC

Tot Ion: 43 Resp: 550349

Ion Ratio Lower Upper

43 100

55 21.6 17.0 25.6



#48

t-1,3-Dichloropropene

Concen: 18.048 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015470.D

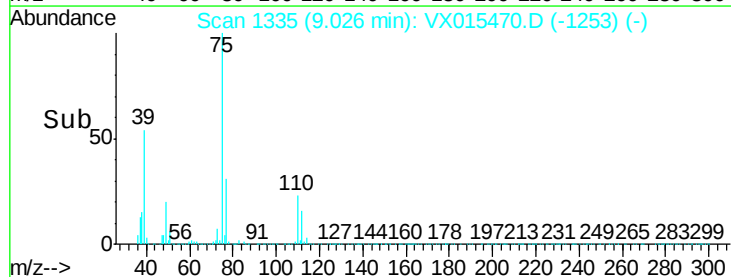
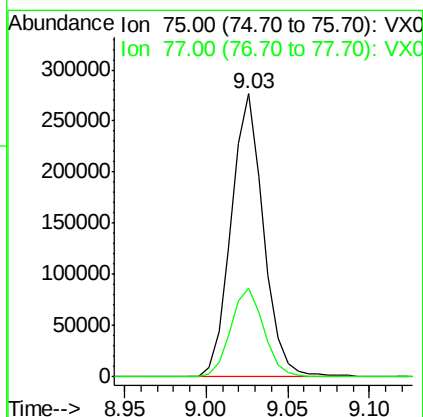
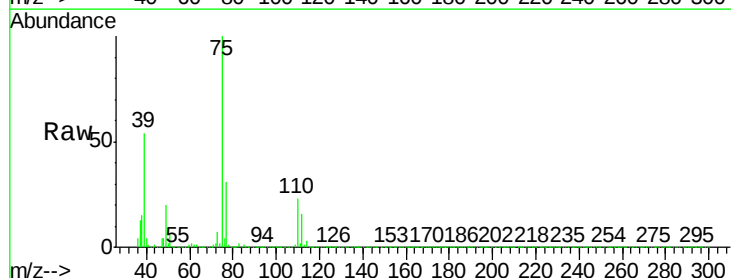
Acq: 01 Apr 2020 16:53

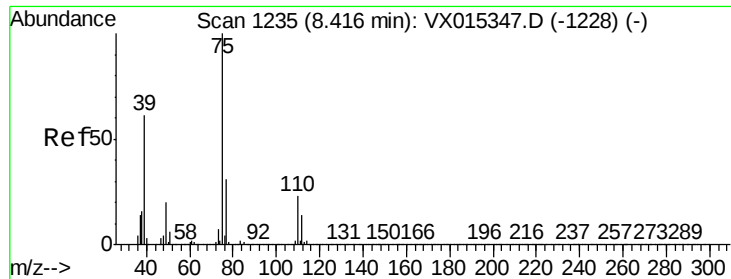
Tgt Ion: 75 Resp: 378784

Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0



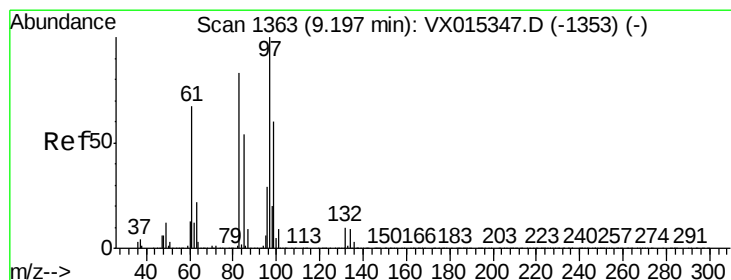
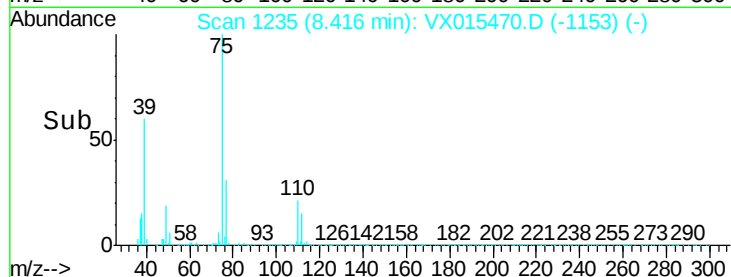
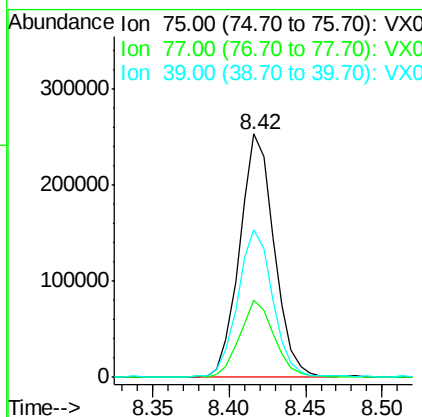
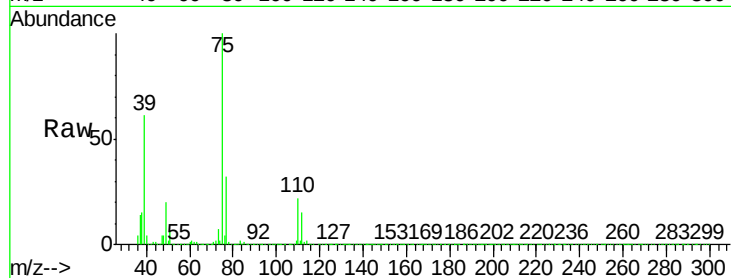


#49

cis-1,3-Dichloropropene
Concen: 18.234 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

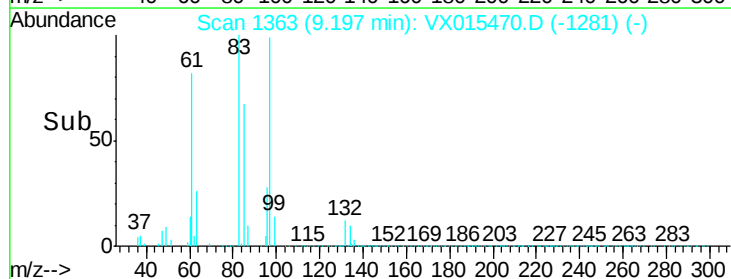
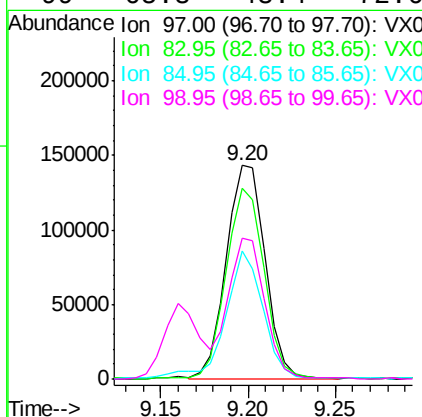
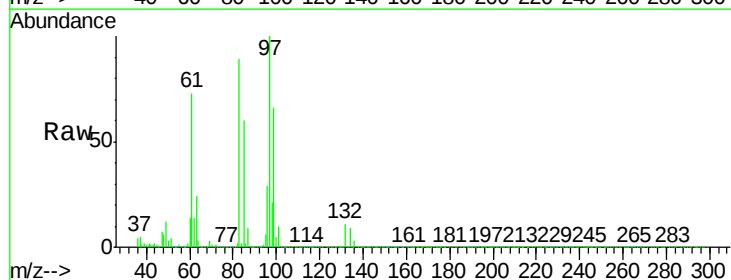
Tot Ion:	75	Resp:	395007
Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.6	36.8
39	60.6	48.9	73.3

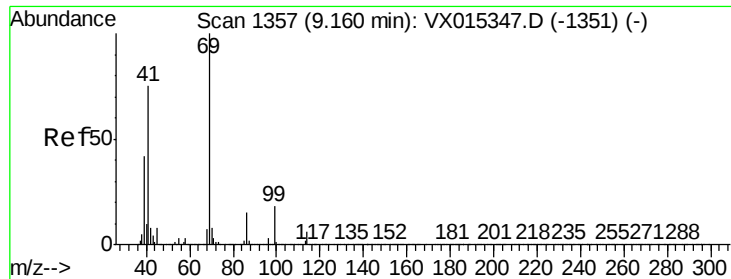


#50

1,1,2-Trichloroethane
Concen: 18.414 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Tgt Ion:	97	Resp:	221054
Ion	Ratio	Lower	Upper
97	100		
83	89.3	66.8	100.2
85	59.8	43.3	64.9
99	65.8	48.4	72.6





#51

Ethyl methacrylate

Concen: 18.314 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

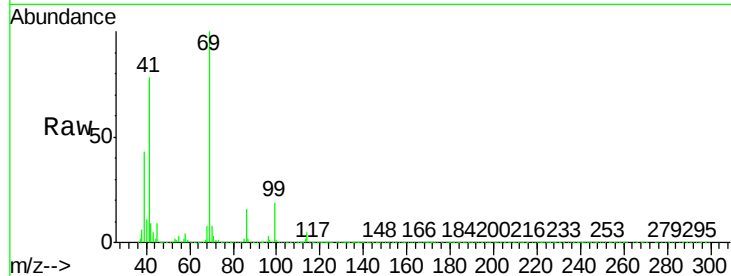
Tot Ion: 69 Resp: 378129

Ion Ratio Lower Upper

69 100

41 77.3 37.4 112.2

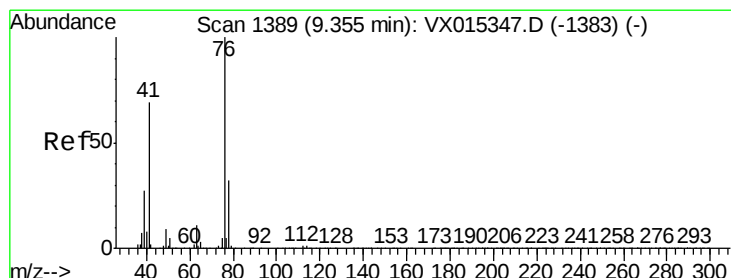
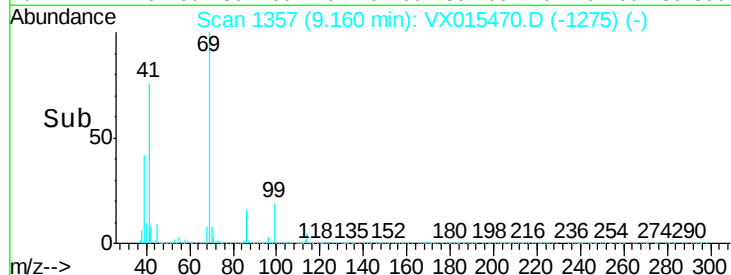
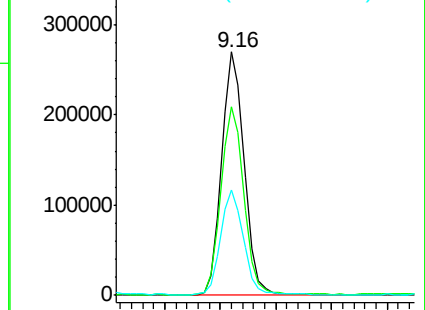
39 43.2 21.1 63.1



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: 18.972 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015470.D

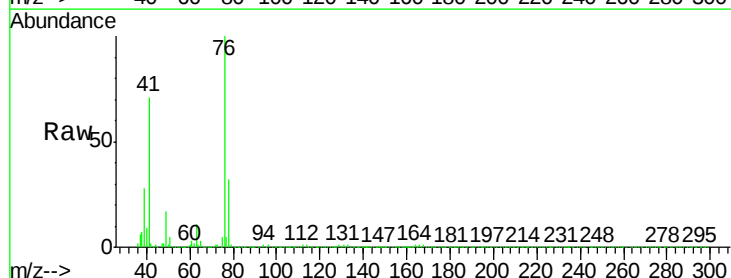
Acq: 01 Apr 2020 16:53

Tgt Ion: 76 Resp: 393399

Ion Ratio Lower Upper

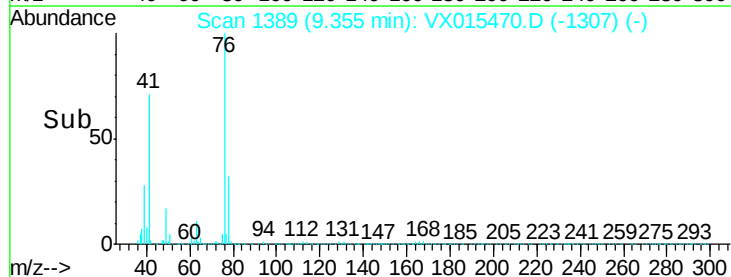
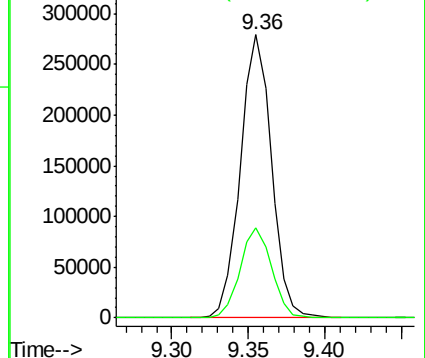
76 100

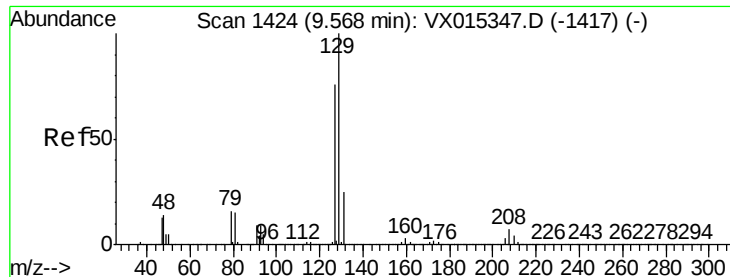
78 31.9 0.0 63.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.654 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

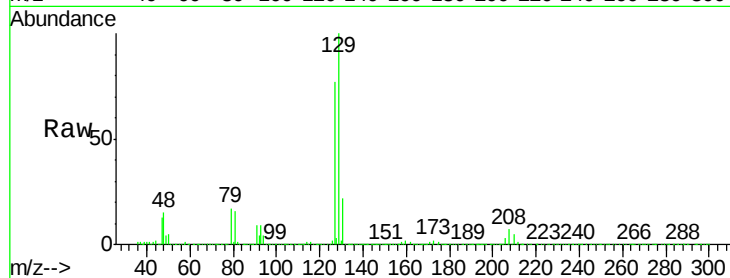
VSTDCCC020EC

Tot Ion:129 Resp: 261260

Ion Ratio Lower Upper

129 100

127 77.1 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

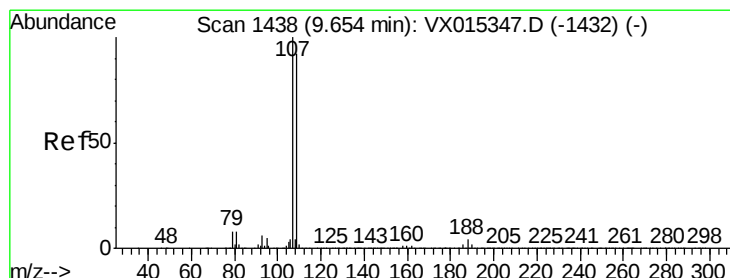
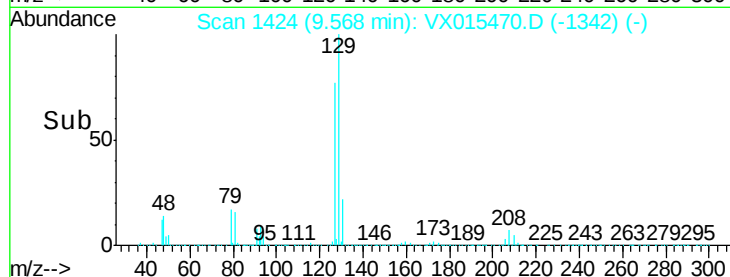
150000

100000

50000

0

Time-->



#54

1,2-Dibromoethane

Concen: 18.576 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015470.D

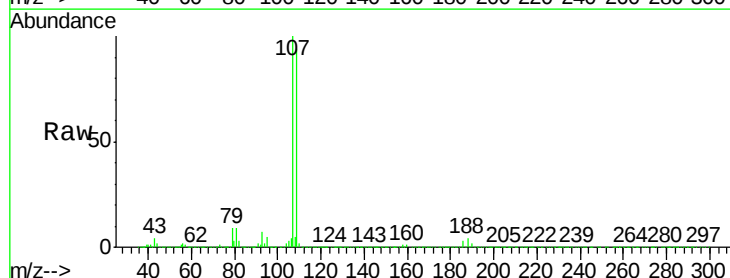
Acq: 01 Apr 2020 16:53

Tgt Ion:107 Resp: 239292

Ion Ratio Lower Upper

107 100

109 93.7 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

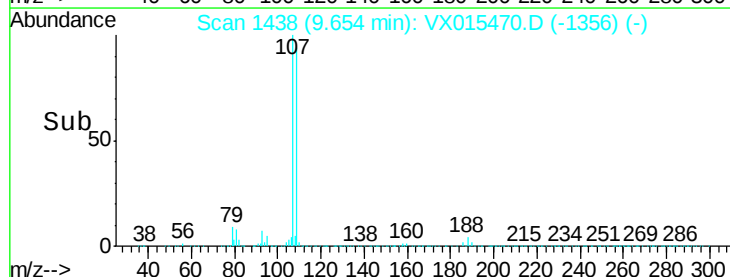
150000

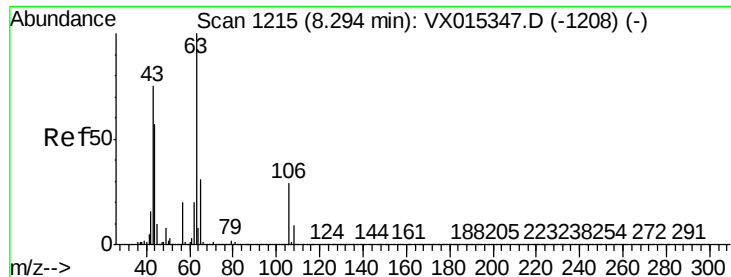
100000

50000

0

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 94.155 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

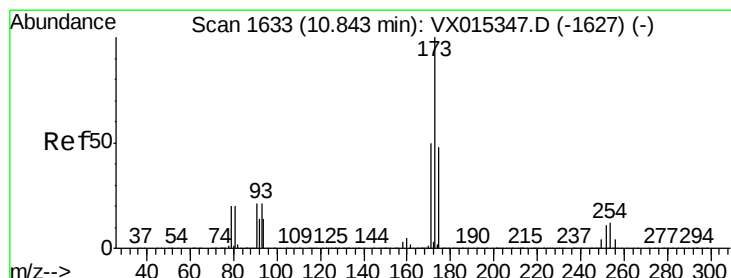
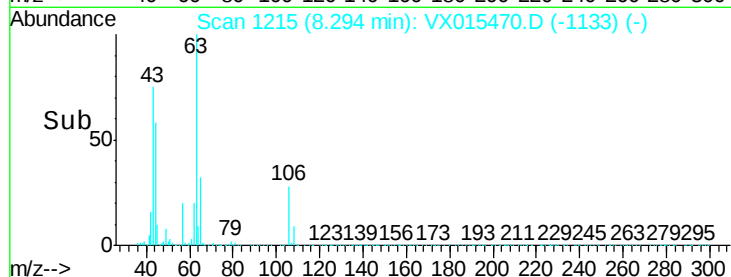
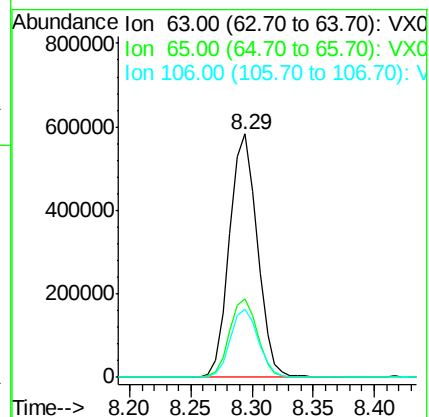
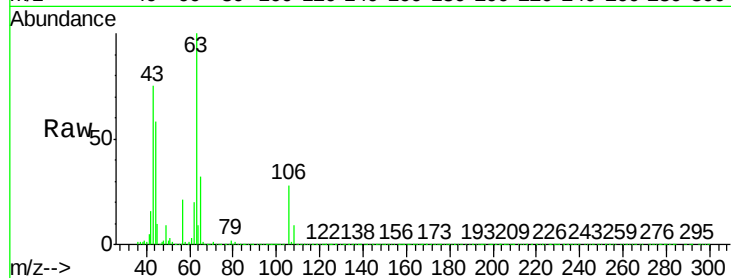
Tot Ion: 63 Resp: 918161

Ion Ratio Lower Upper

63 100

65 32.2 25.5 38.3

106 27.7 23.1 34.7



#56

Bromoform

Concen: 16.061 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

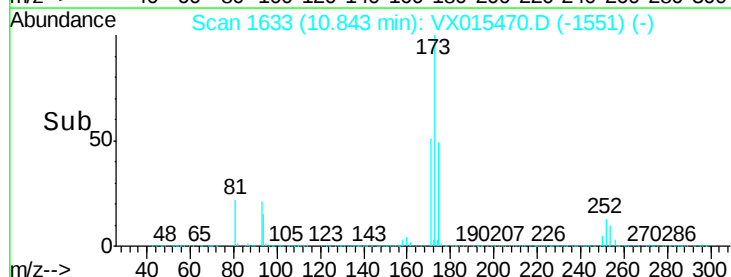
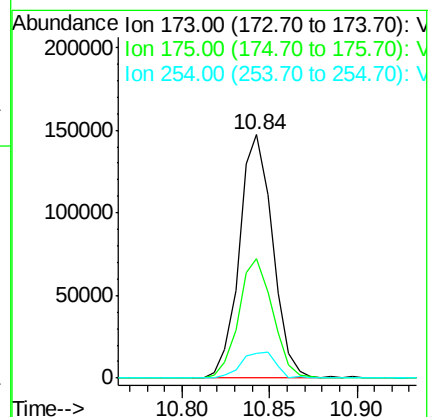
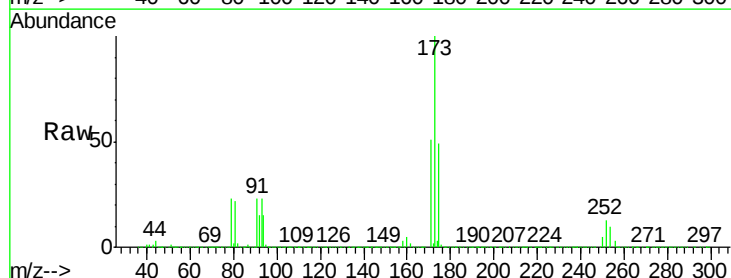
Tgt Ion: 173 Resp: 195435

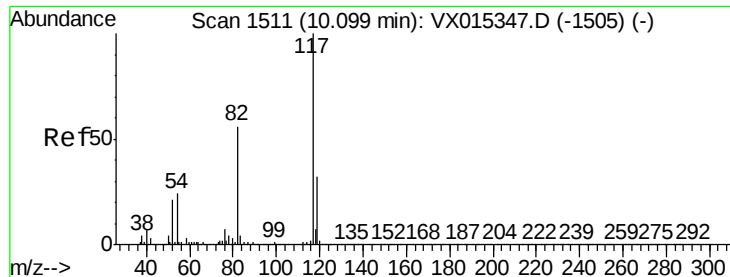
Ion Ratio Lower Upper

173 100

175 49.9 39.0 58.4

254 11.0 9.4 14.2

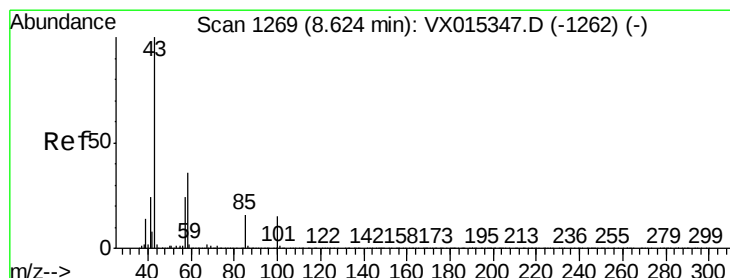
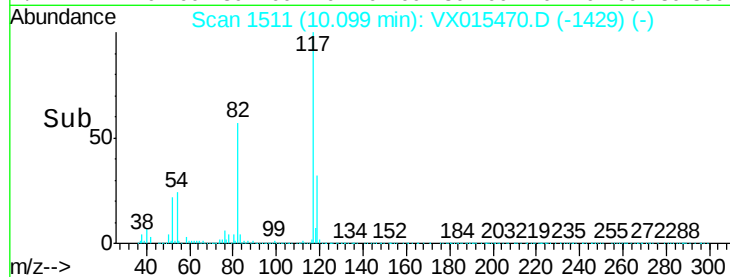
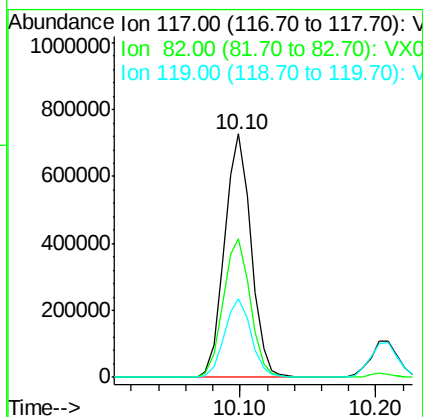
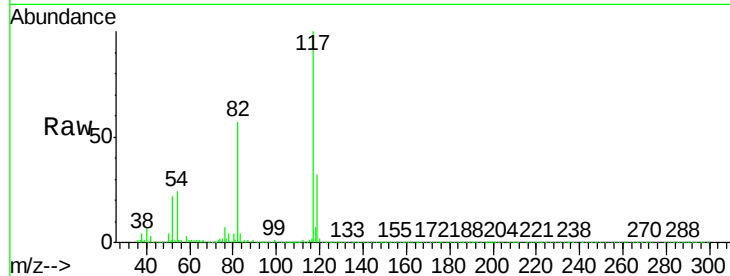




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

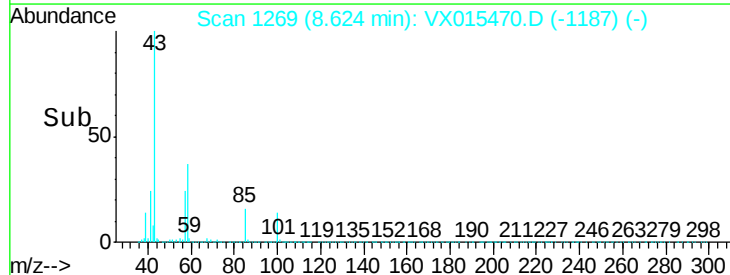
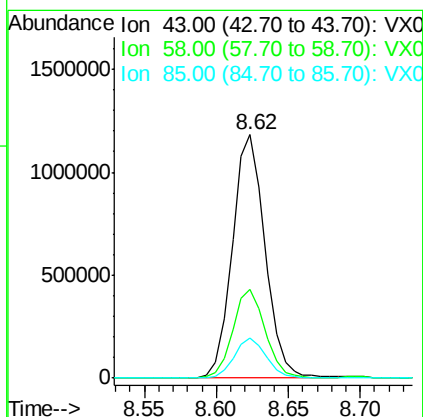
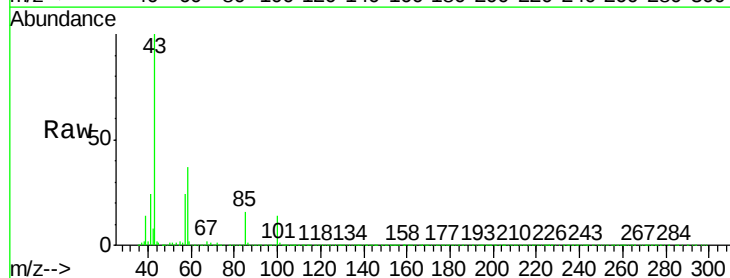
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

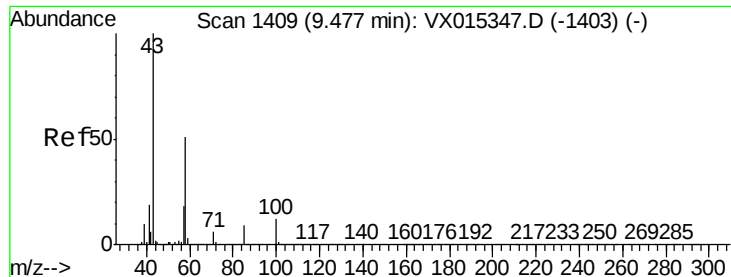
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.0	67.6
119	32.4	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 99.734 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.1	29.4	44.0
85	16.0	13.0	19.4

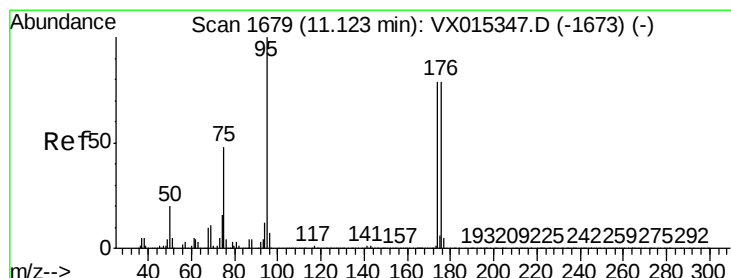
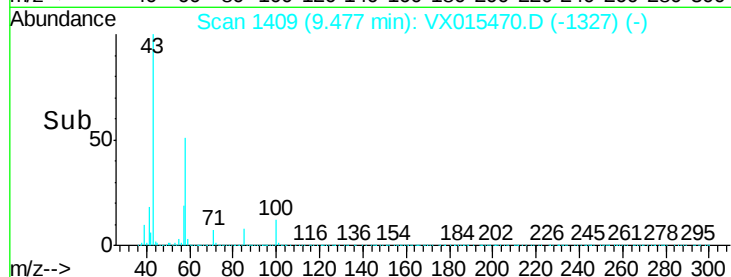
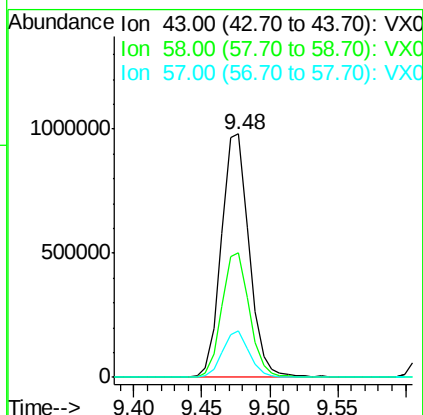
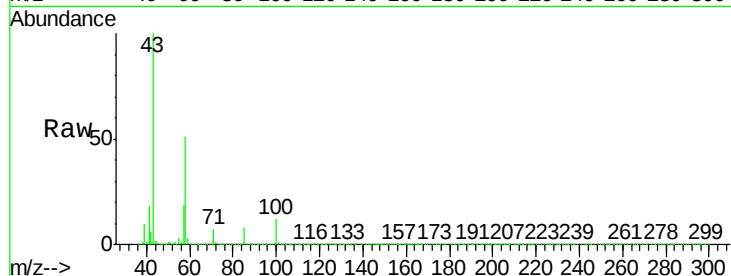




#59
2-Hexanone
Concen: 97.175 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

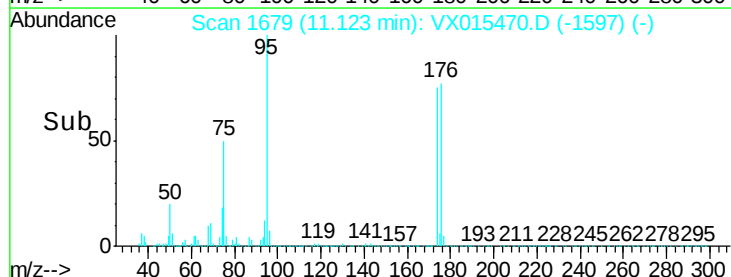
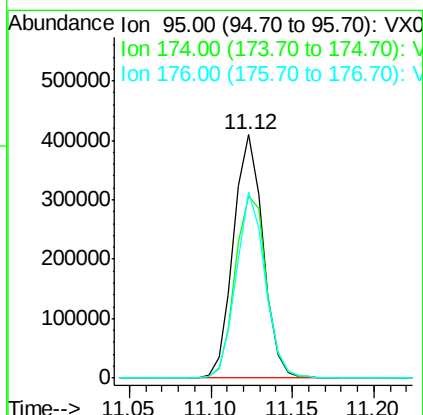
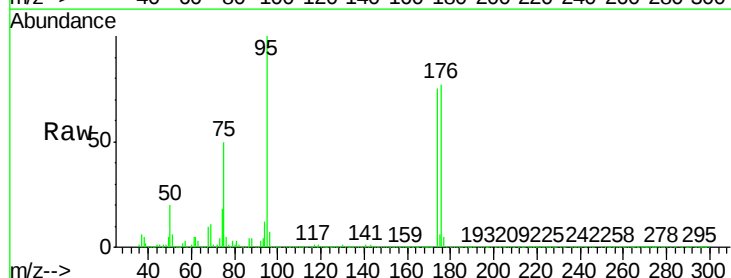
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

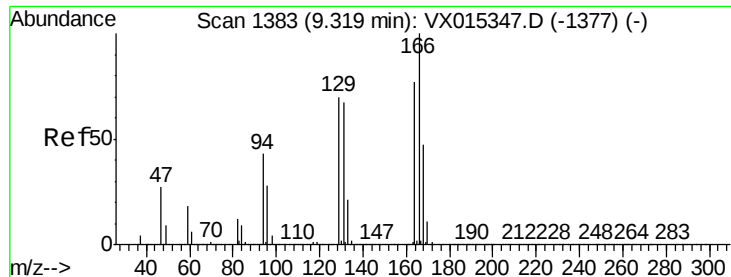
Tot Ion: 43 Resp: 1388043
Ion Ratio Lower Upper
43 100
58 50.6 40.2 60.4
57 18.4 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 30.769 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Tgt Ion: 95 Resp: 516579
Ion Ratio Lower Upper
95 100
174 79.3 66.4 99.6
176 75.2 64.1 96.1





#61

Tetrachloroethene

Concen: 18.082 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 228012

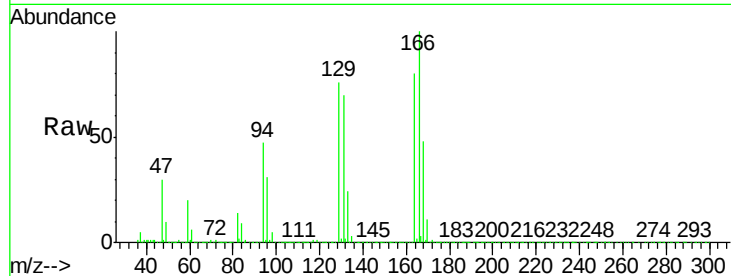
Ion Ratio Lower Upper

164 100

166 125.1 103.6 155.4

129 94.7 72.6 108.8

131 87.9 69.8 104.6



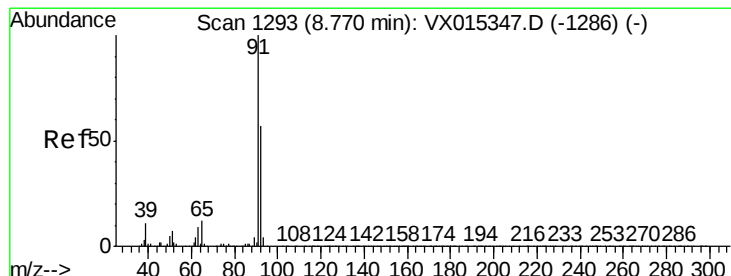
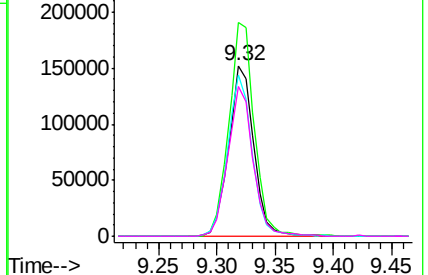
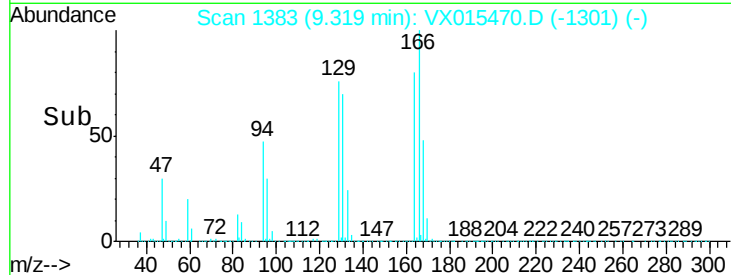
Abundance Ion 163.85 (163.55 to 164.55): V

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

Time-->



#62

Toluene

Concen: 18.902 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015470.D

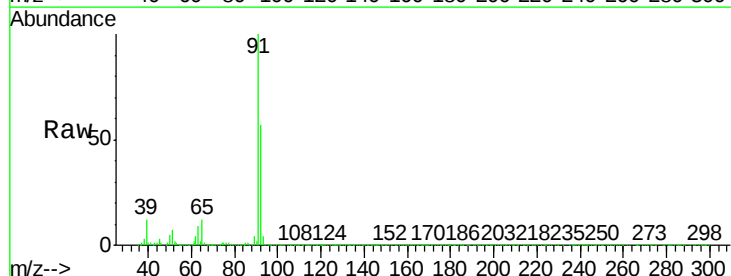
Acq: 01 Apr 2020 16:53

Tgt Ion: 91 Resp: 939265

Ion Ratio Lower Upper

91 100

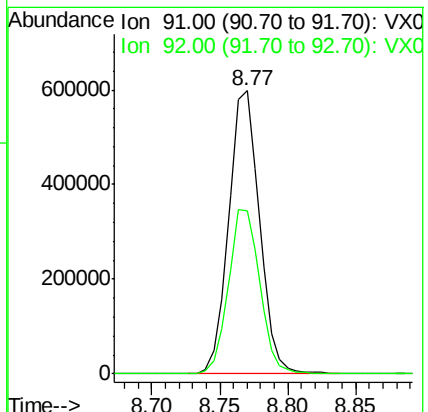
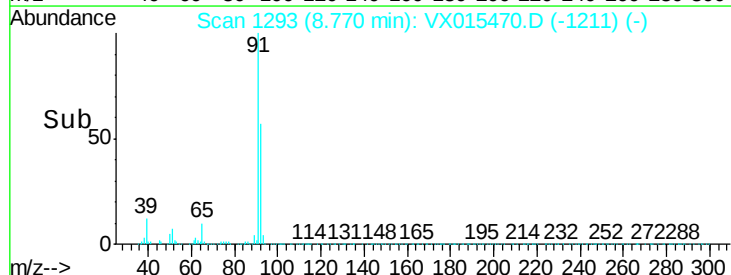
92 59.5 46.7 70.1

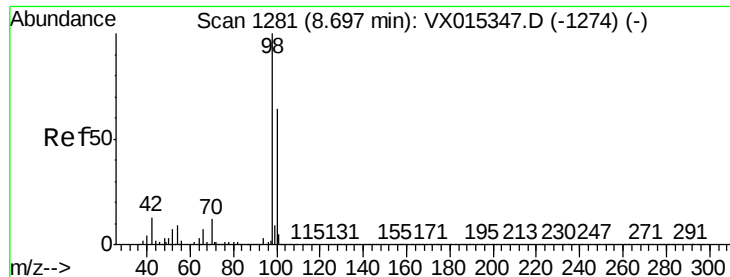


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Time-->





#63

Toluene-d8

Concen: 30.470 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

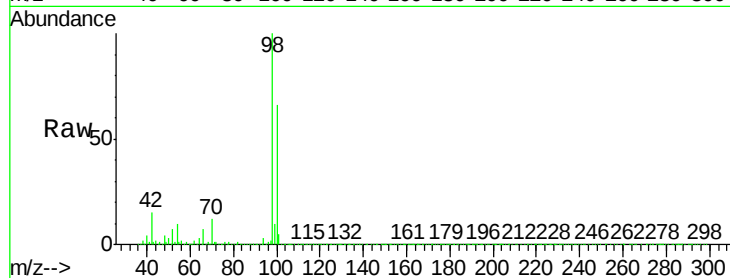
VSTDCCC020EC

Tot Ion: 98 Resp: 1270005

Ion Ratio Lower Upper

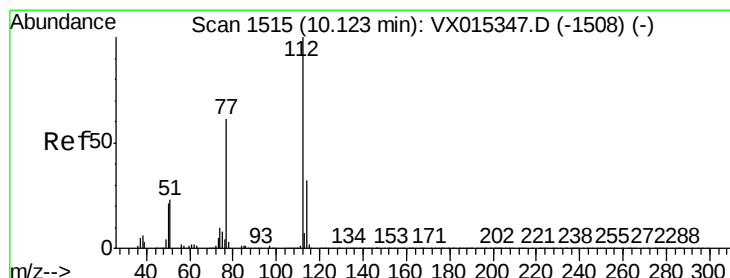
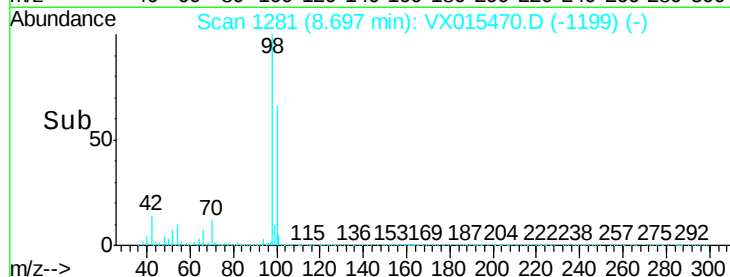
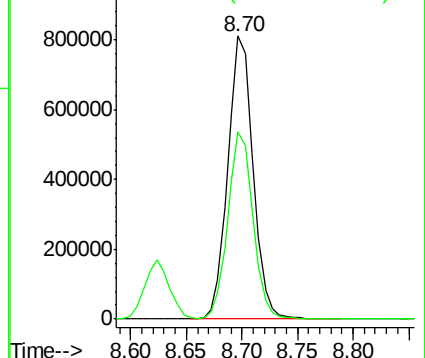
98 100

100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 18.582 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015470.D

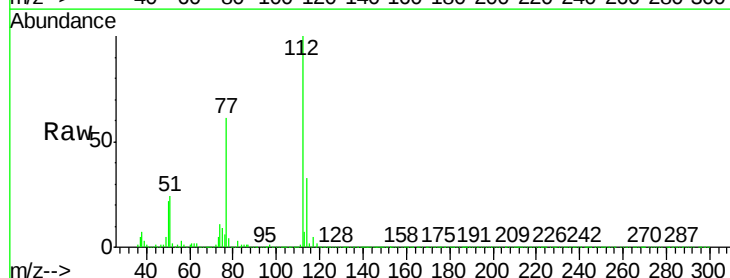
Acq: 01 Apr 2020 16:53

Tgt Ion: 112 Resp: 593640

Ion Ratio Lower Upper

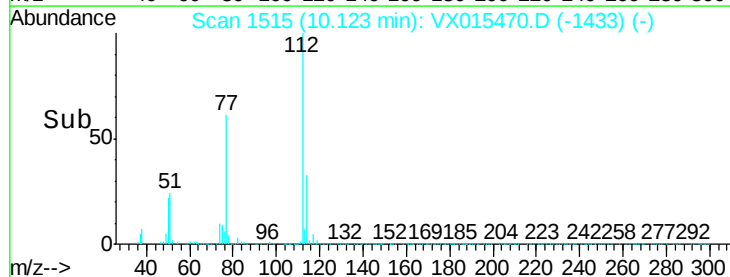
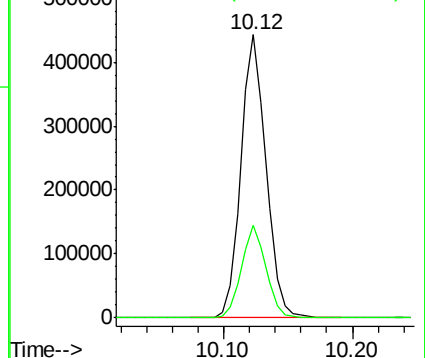
112 100

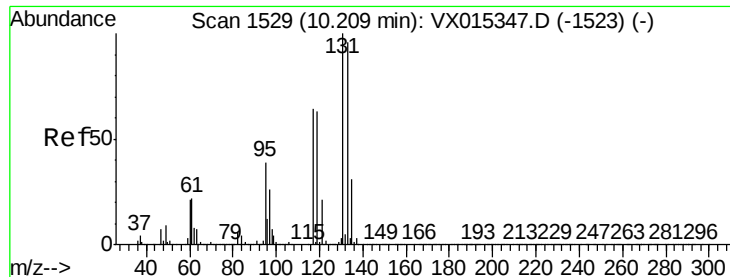
114 32.5 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 17.624 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

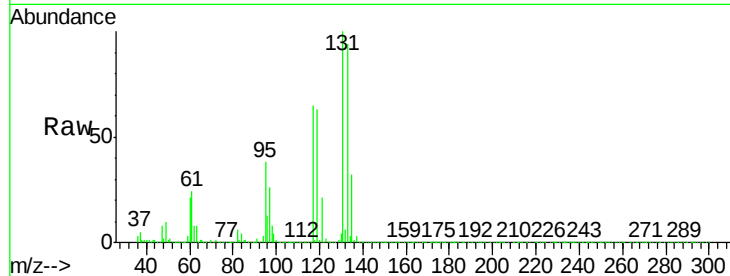
Tot Ion:131 Resp: 230081

Ion Ratio Lower Upper

131 100

133 95.0 0.0 193.6

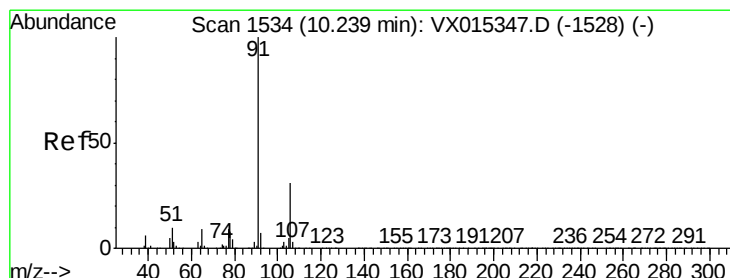
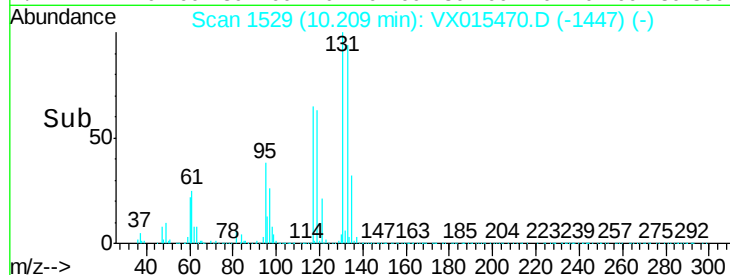
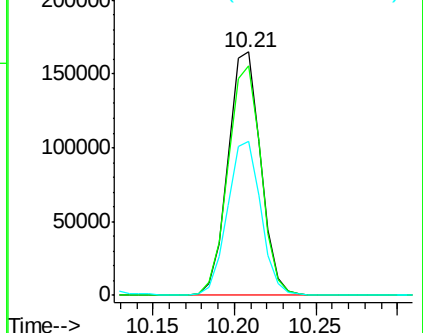
119 64.2 0.0 128.0



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: 19.341 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015470.D

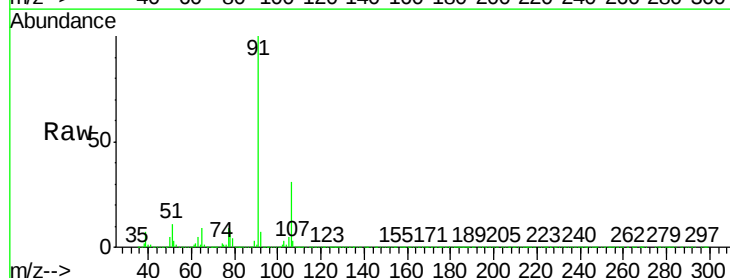
Acq: 01 Apr 2020 16:53

Tgt Ion: 91 Resp: 1097927

Ion Ratio Lower Upper

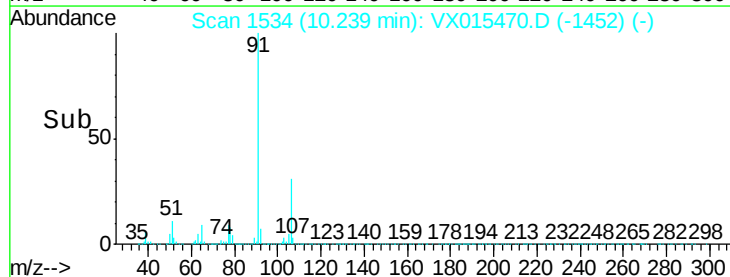
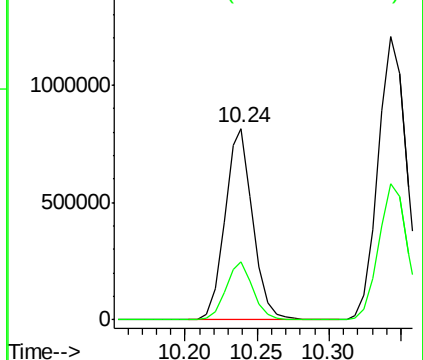
91 100

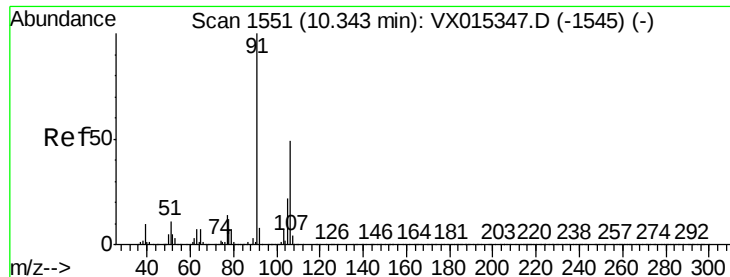
106 30.5 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

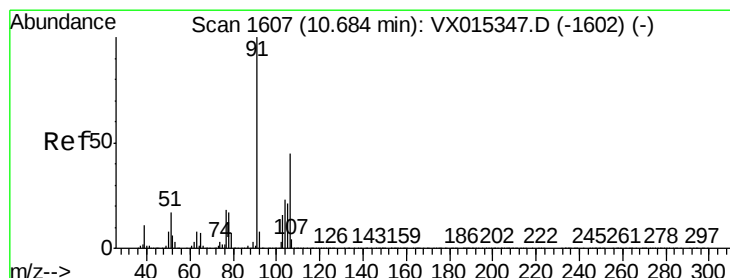
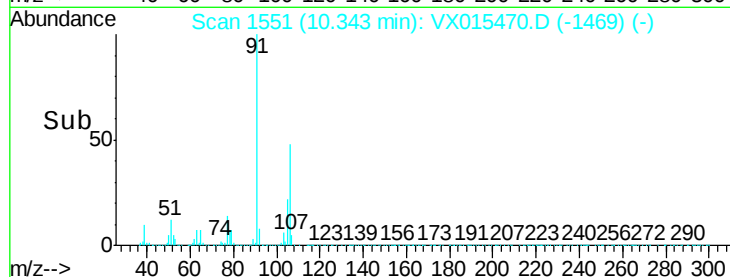
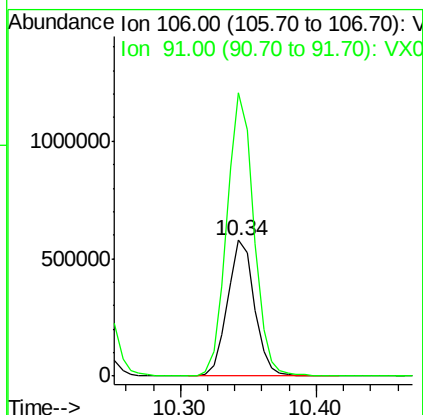
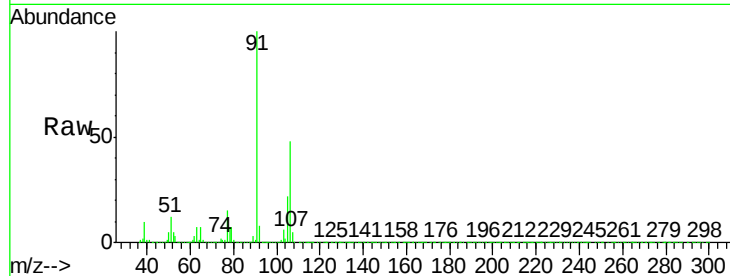




#67
m/p-Xvlenes
Concen: 37.142 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

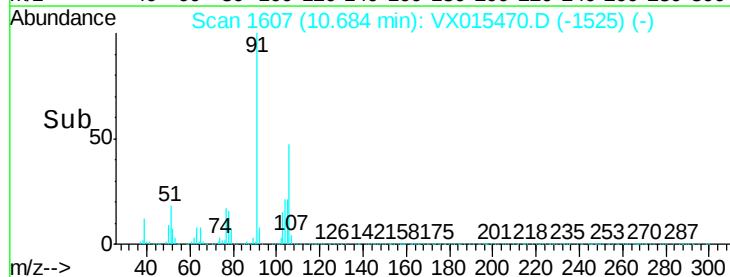
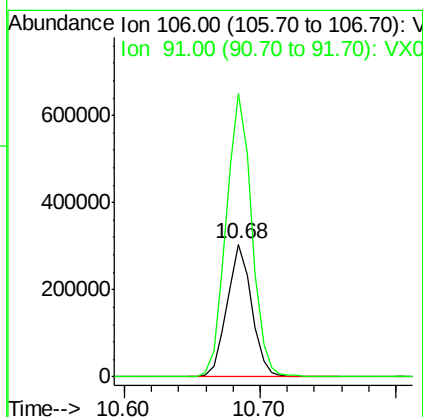
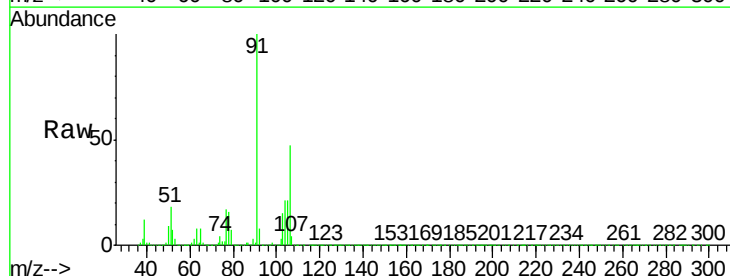
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

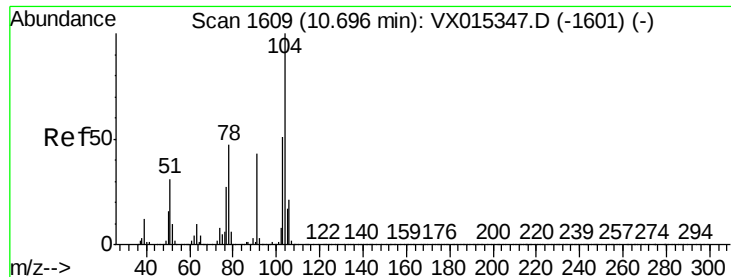
Tot Ion:106 Resp: 798019
Ion Ratio Lower Upper
106 100
91 207.6 165.0 247.4



#68
o-Xylene
Concen: 18.254 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Tgt Ion:106 Resp: 383348
Ion Ratio Lower Upper
106 100
91 221.0 109.1 327.2

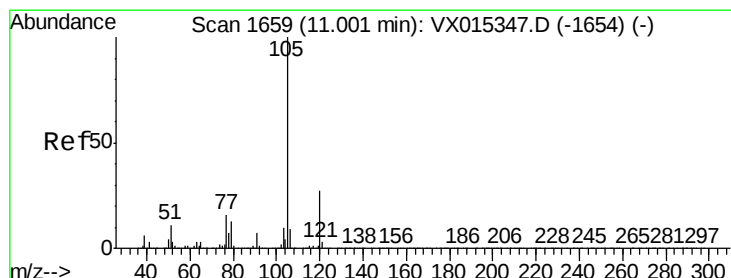
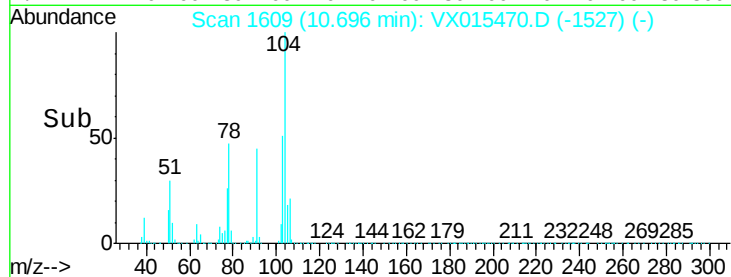
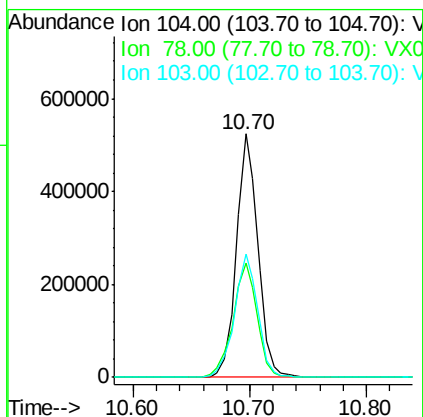
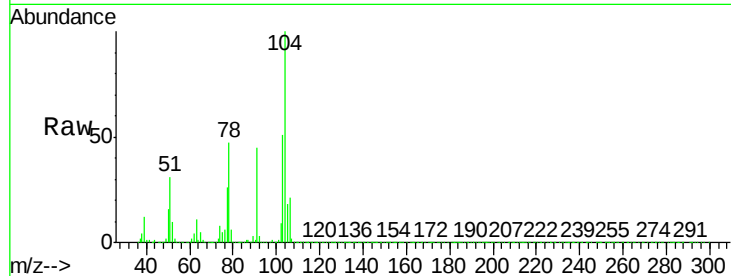




#69
Stvrene
Concen: 18.450 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

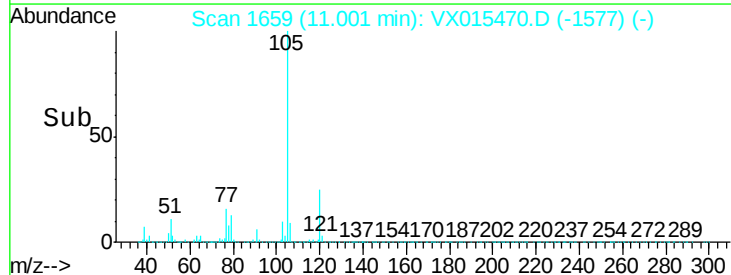
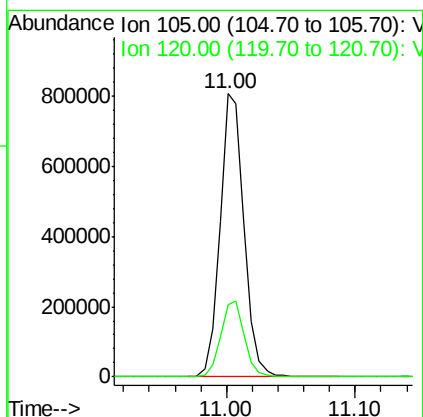
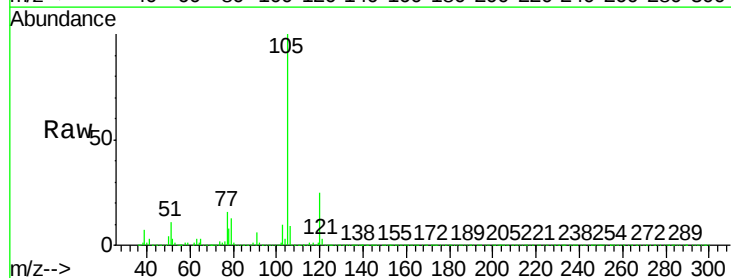
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

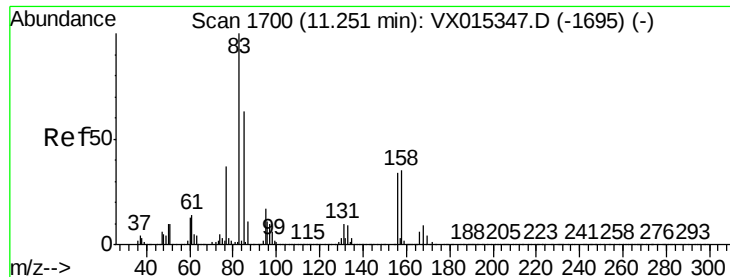
Tot Ion	Ratio	Lower	Upper
104	100		
78	52.5	41.5	62.3
103	54.6	43.4	65.2



#70
Isopropylbenzene
Concen: 18.885 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 18.923 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

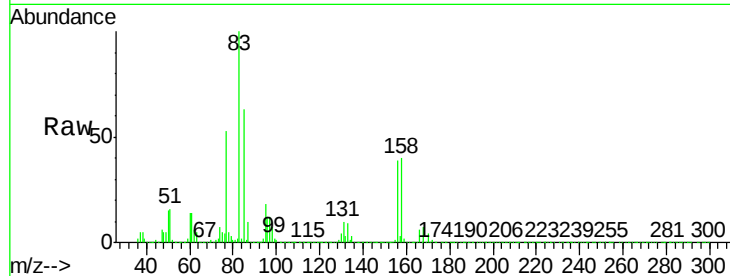
Tot Ion: 83 Resp: 341458

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

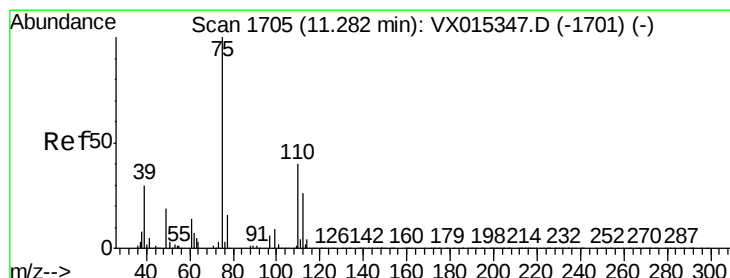
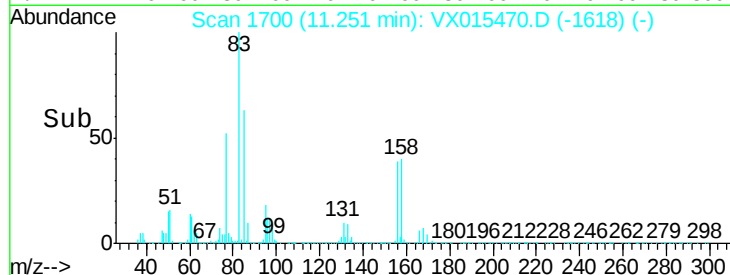
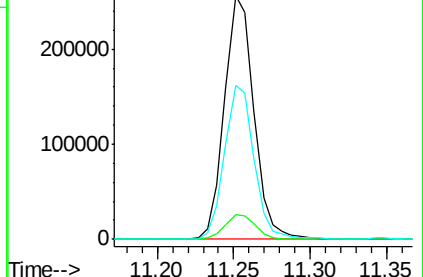
85 63.3 32.0 96.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 18.841 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015470.D

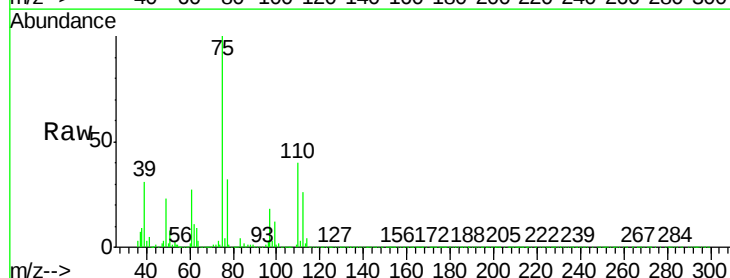
Acq: 01 Apr 2020 16:53

Tgt Ion: 75 Resp: 318114

Ion Ratio Lower Upper

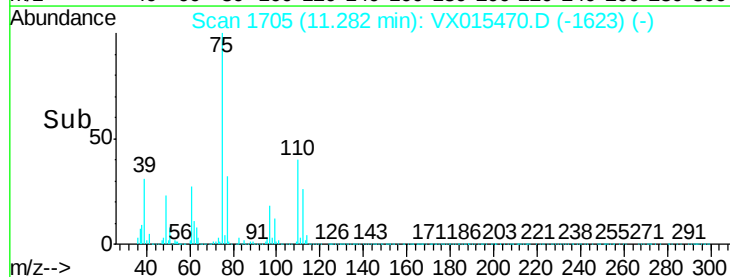
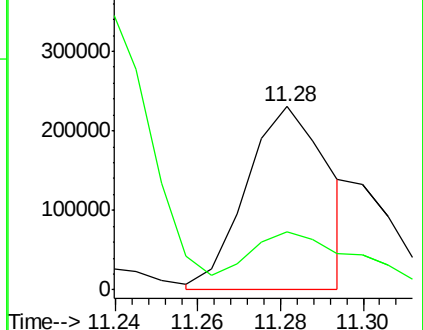
75 100

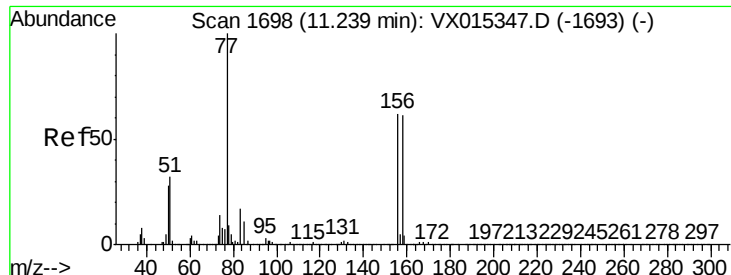
77 42.3 0.0 80.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 17.947 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

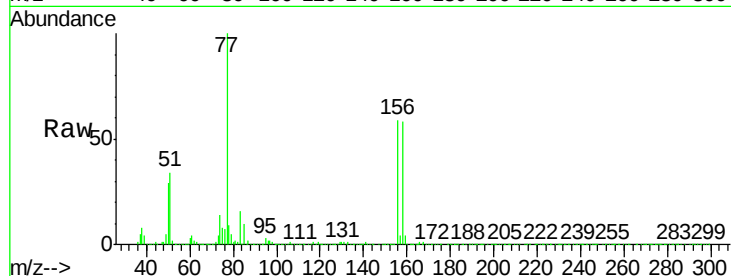
Tot Ion:156 Resp: 268210

Ion Ratio Lower Upper

156 100

77 168.2 0.0 324.4

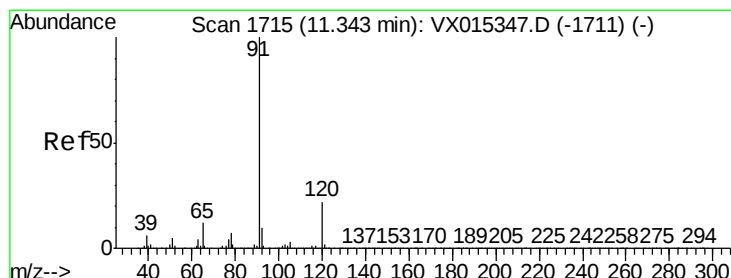
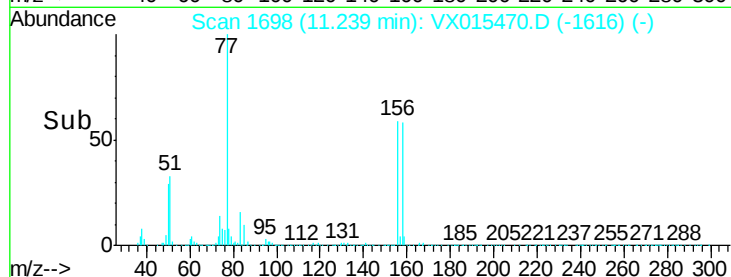
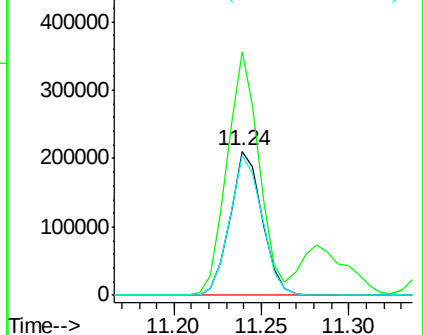
158 98.7 0.0 200.0



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: 19.099 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.01 min

Lab File: VX015470.D

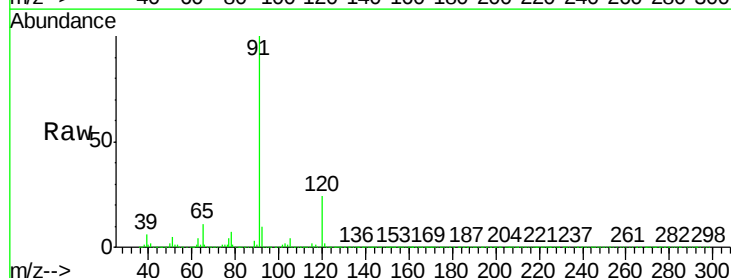
Acq: 01 Apr 2020 16:53

Tgt Ion: 91 Resp: 1219592

Ion Ratio Lower Upper

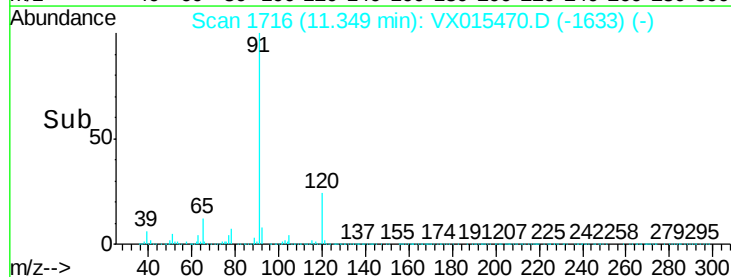
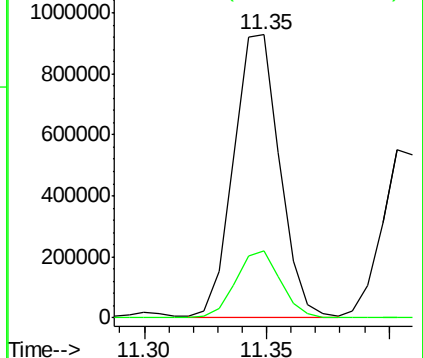
91 100

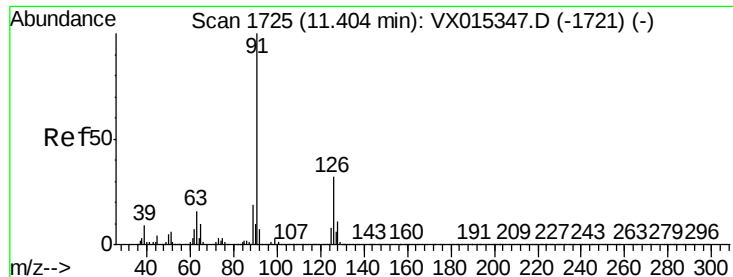
120 22.8 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.881 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

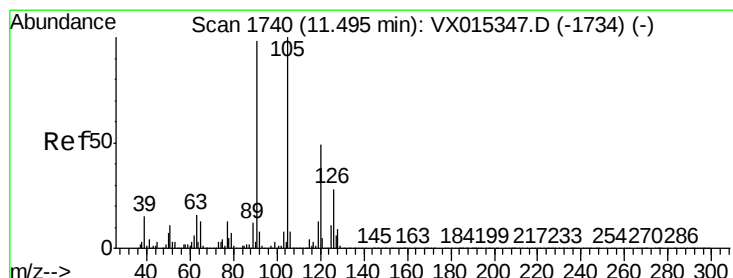
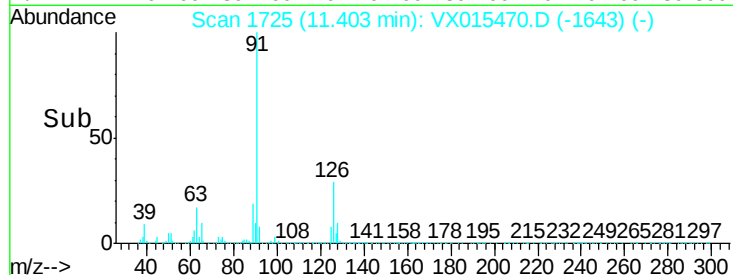
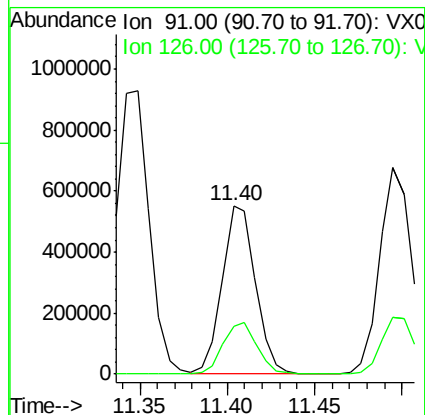
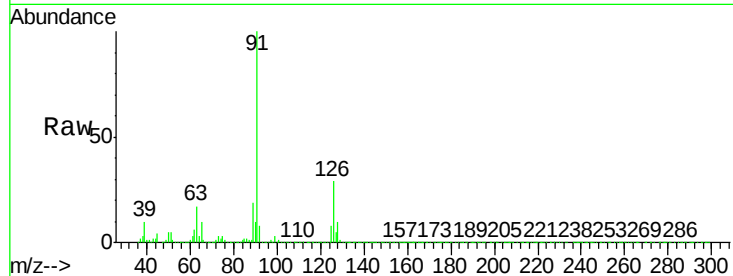
VSTDCCC020EC

Tot Ion: 91 Resp: 733297

Ion Ratio Lower Upper

91 100

126 31.1 0.0 65.2



#76

1,3,5-Trimethylbenzene

Concen: 18.478 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015470.D

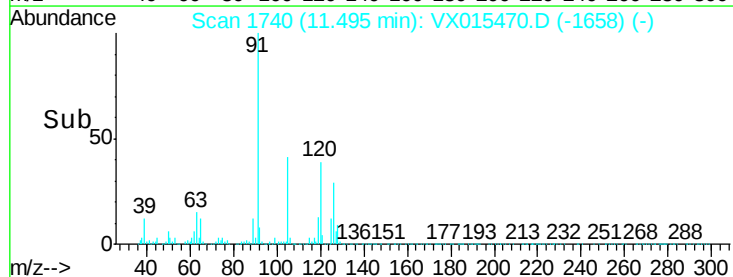
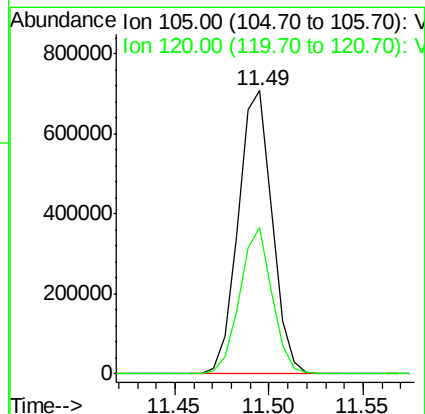
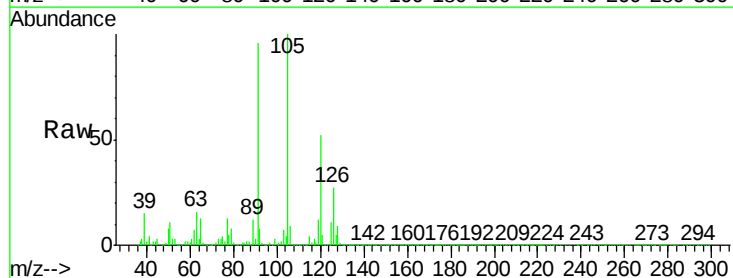
Acq: 01 Apr 2020 16:53

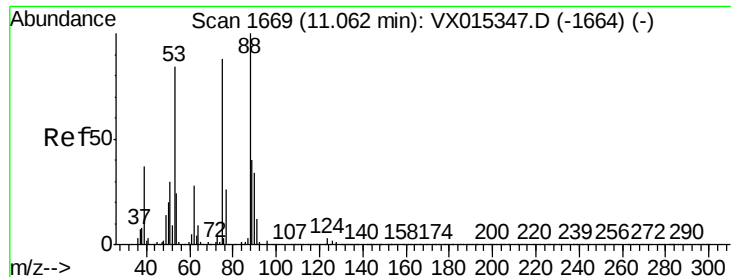
Tgt Ion: 105 Resp: 883428

Ion Ratio Lower Upper

105 100

120 48.8 0.0 98.0

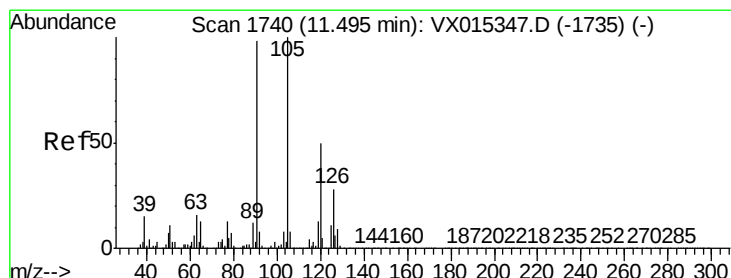
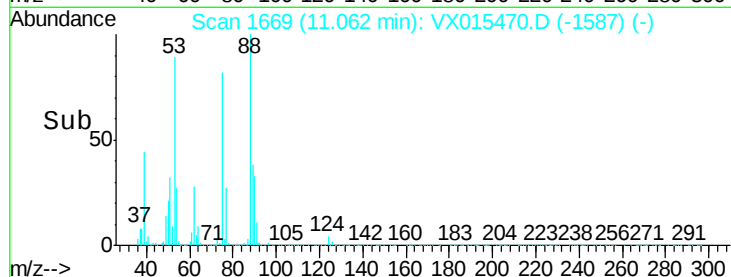
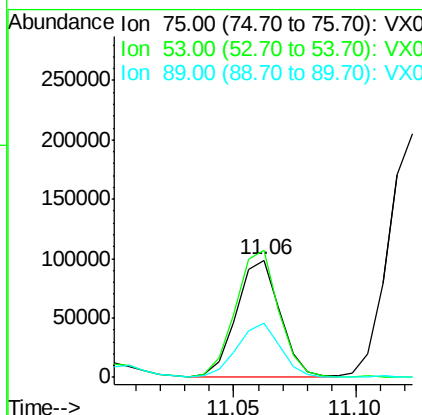
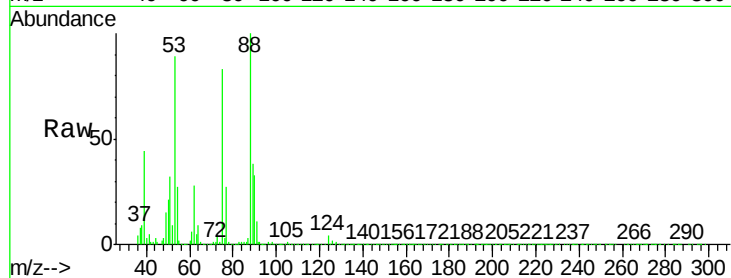




#77
t-1,4-Dichloro-2-butene
Concen: 16.865 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

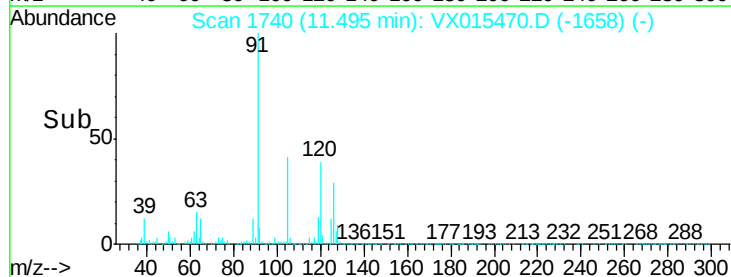
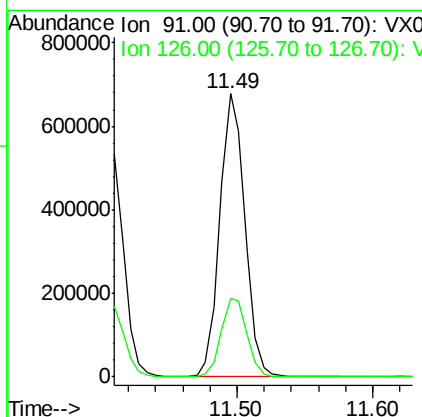
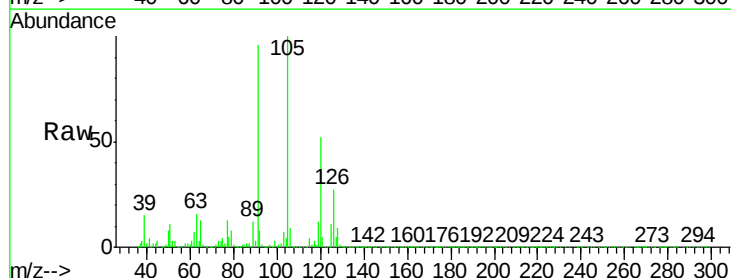
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020EC

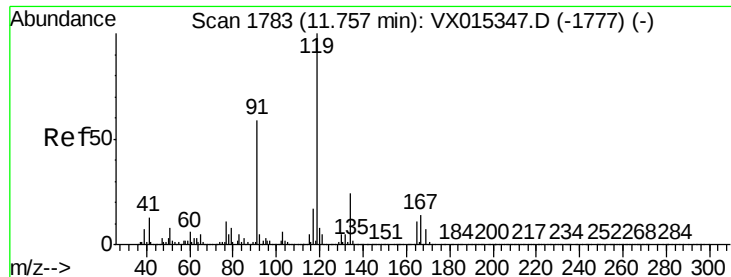
Tot Ion	Ratio	Lower	Upper
75	100		
53	107.5	47.5	142.6
89	45.3	22.8	68.3



#78
4-Chlorotoluene
Concen: 19.227 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.5	0.0	57.8





#79

tert-butylbenzene

Concen: 17.923 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

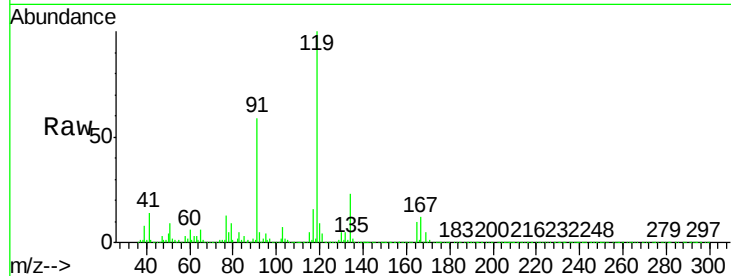
Tot Ion:119 Resp: 856431

Ion Ratio Lower Upper

119 100

91 59.1 0.0 115.8

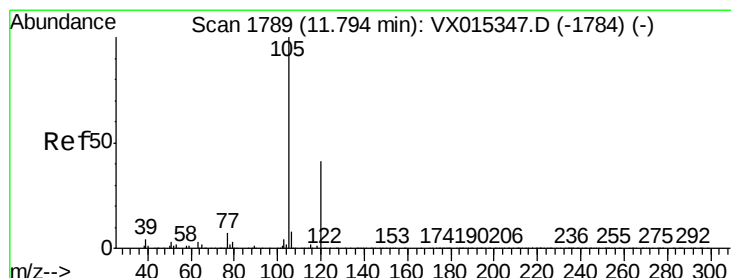
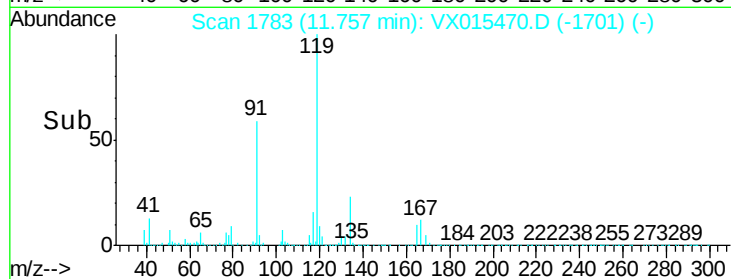
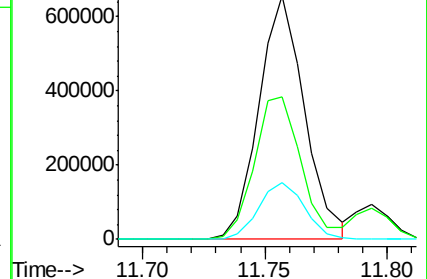
134 23.5 0.0 47.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 18.583 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015470.D

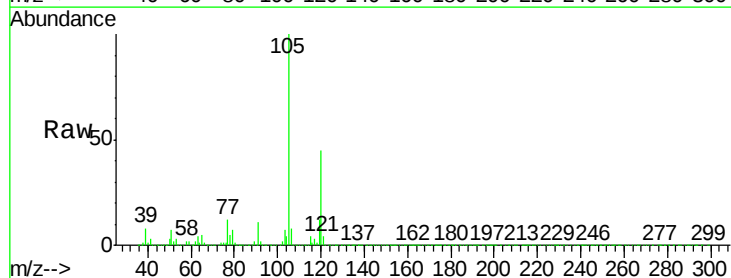
Acq: 01 Apr 2020 16:53

Tgt Ion:105 Resp: 900029

Ion Ratio Lower Upper

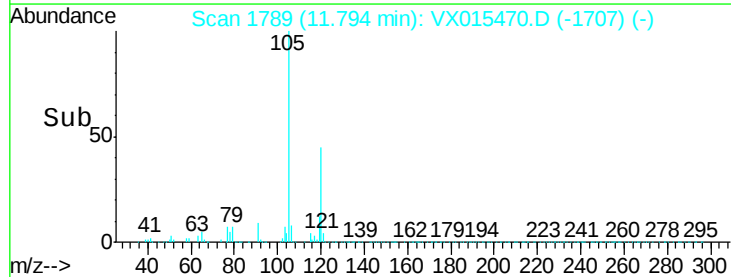
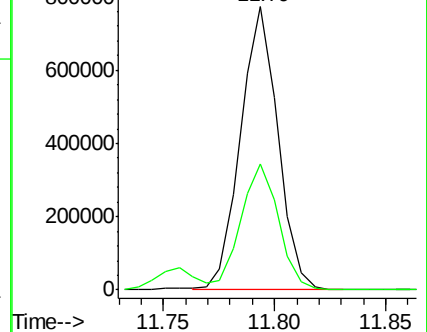
105 100

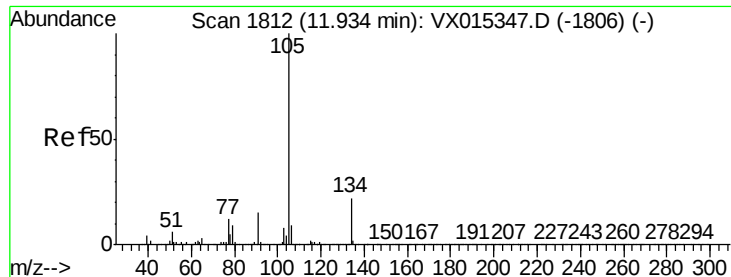
120 45.2 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 18.451 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

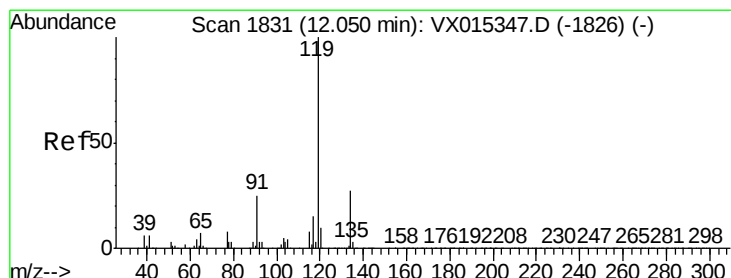
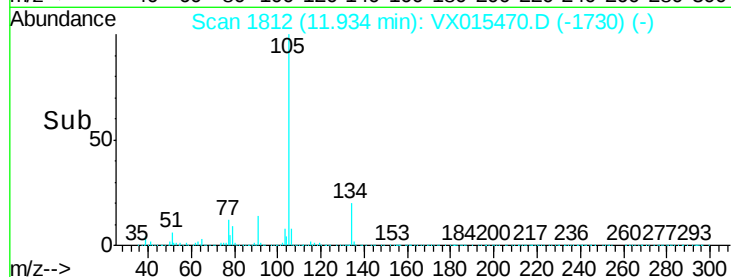
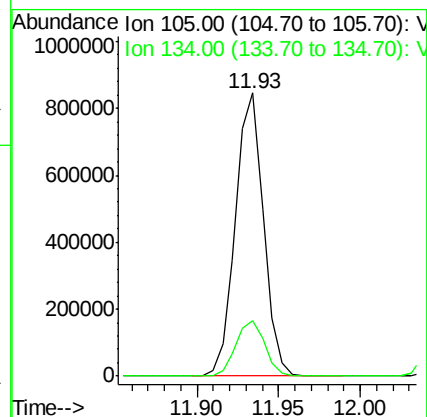
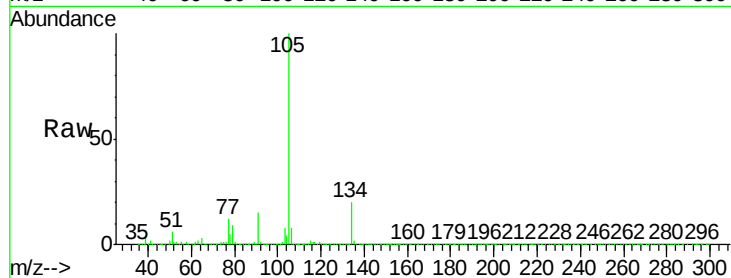
VSTDCCC020EC

Tot Ion:105 Resp: 1011363

Ion Ratio Lower Upper

105 100

134 20.3 0.0 41.6



#82

p-Isopropyltoluene

Concen: 18.366 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

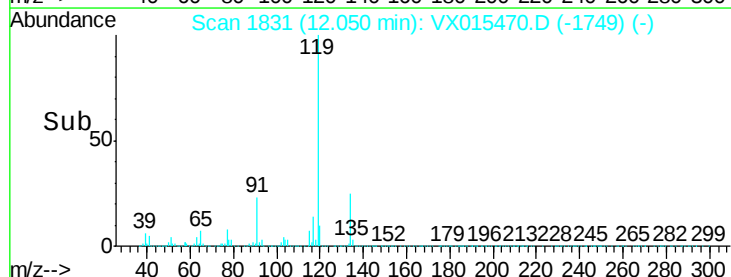
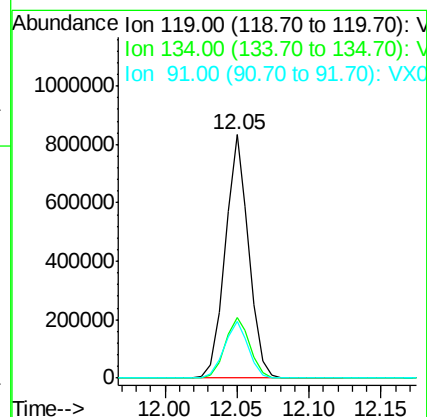
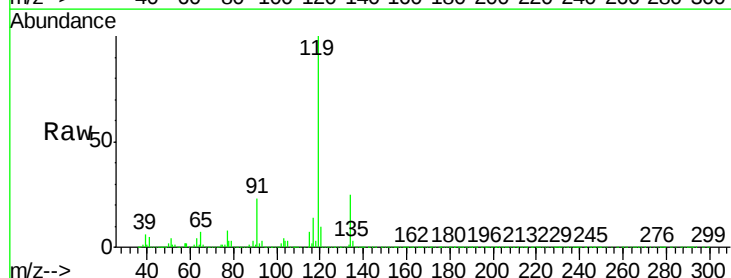
Tgt Ion:119 Resp: 948851

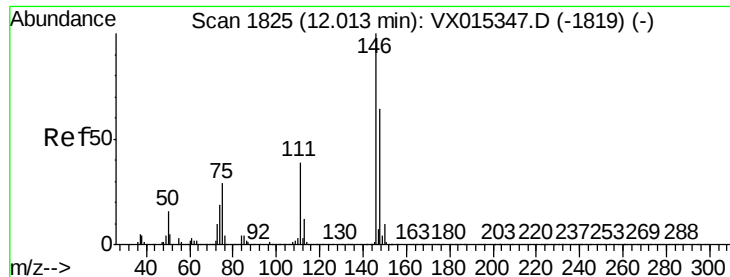
Ion Ratio Lower Upper

119 100

134 26.3 0.0 53.2

91 23.7 0.0 48.2

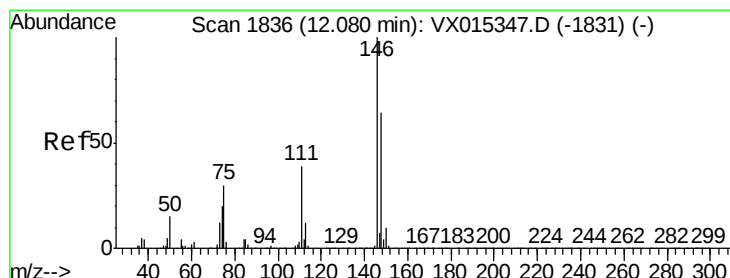
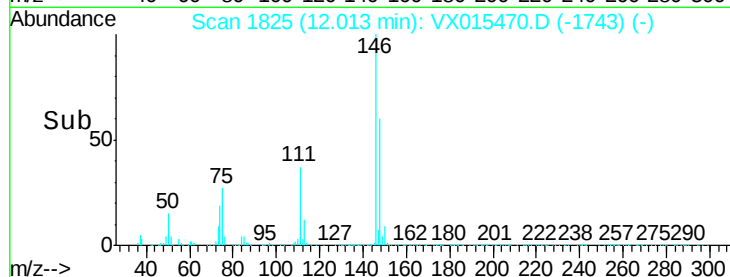
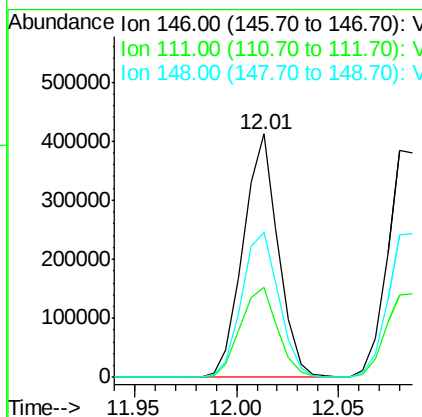
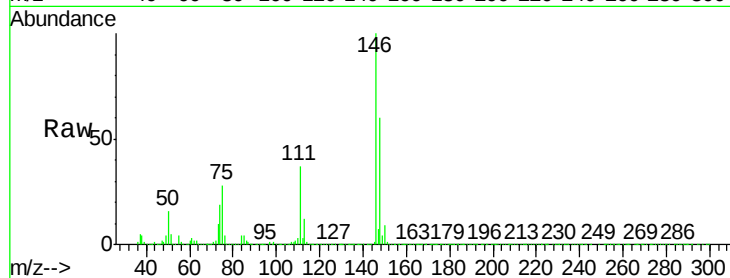




#83
 1,3-Dichlorobenzene
 Concen: 18.343 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015470.D
 Acq: 01 Apr 2020 16:53

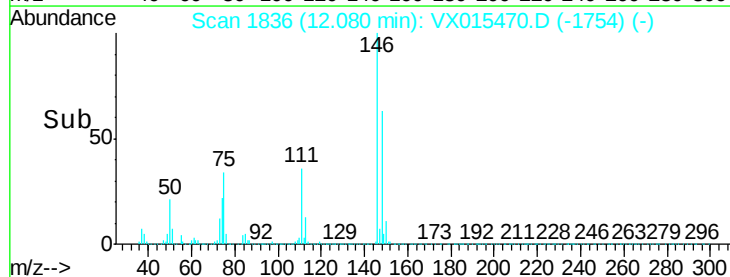
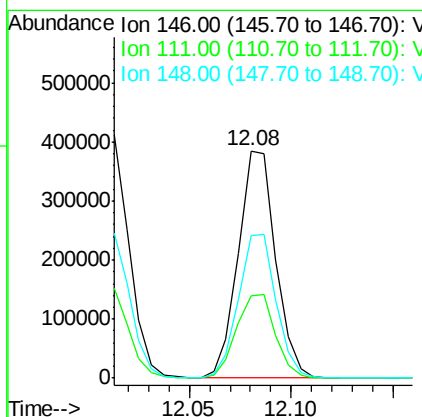
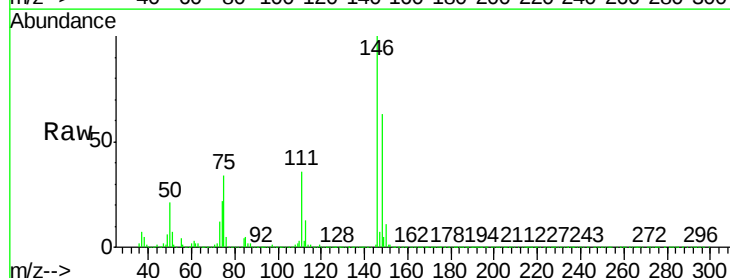
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

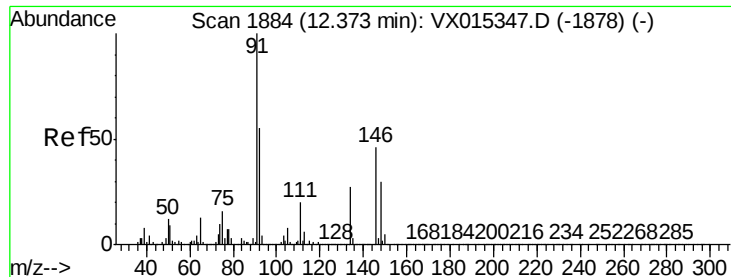
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.1	60.2
148	63.2	31.4	94.2



#84
 1,4-Dichlorobenzene
 Concen: 18.349 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX015470.D
 Acq: 01 Apr 2020 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	63.9	31.4	94.3





#85

n-Butylbenzene

Concen: 18.382 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015470.D

Acq: 01 Apr 2020 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

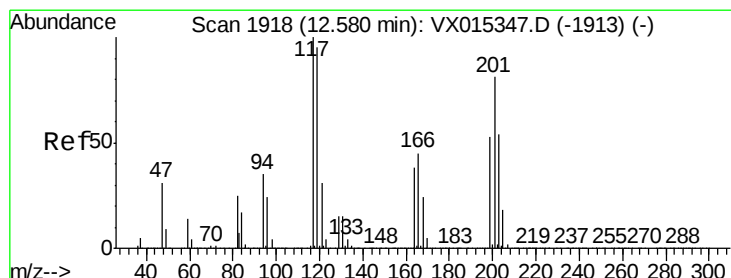
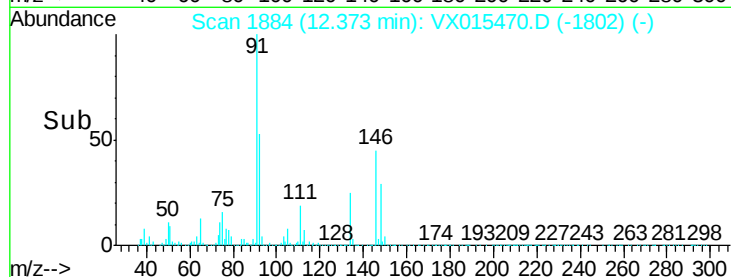
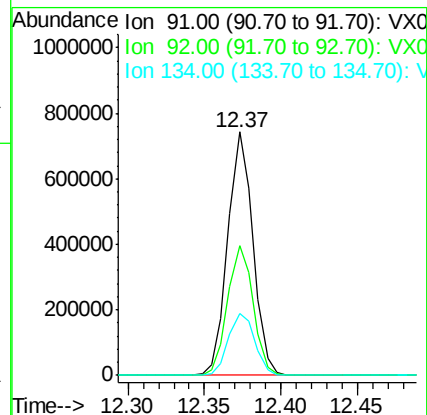
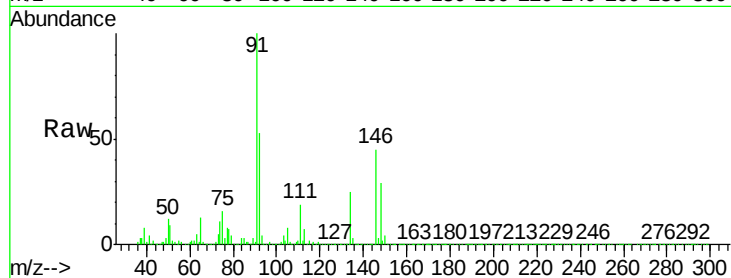
Tot Ion: 91 Resp: 846485

Ion Ratio Lower Upper

91 100

92 54.2 0.0 109.0

134 26.7 0.0 54.0



#86

Hexachloroethane

Concen: 16.779 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VX015470.D

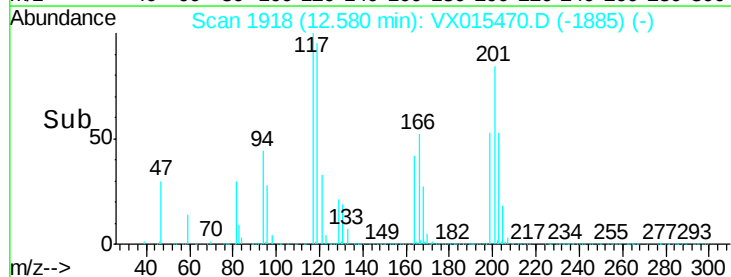
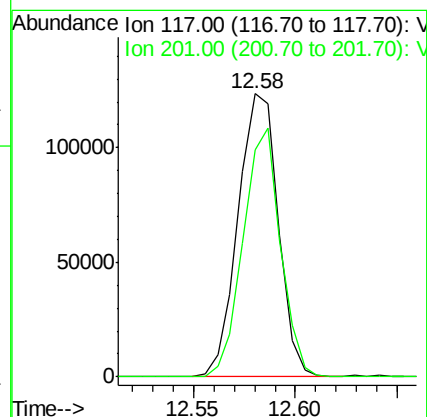
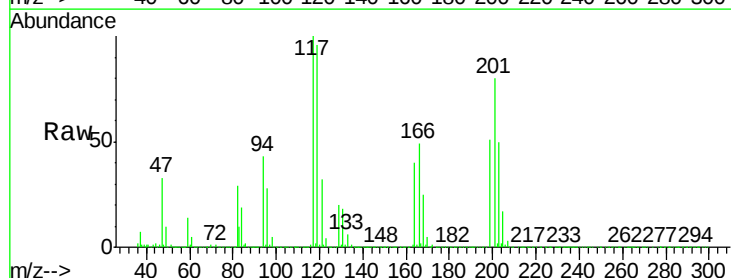
Acq: 01 Apr 2020 16:53

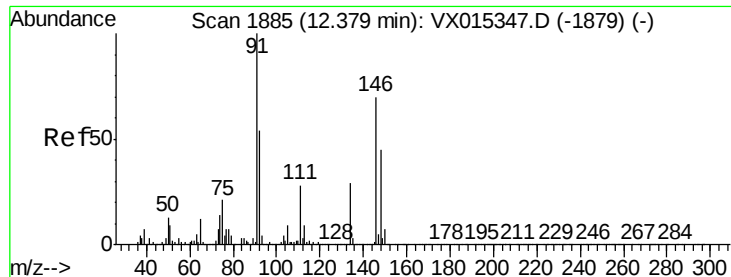
Tgt Ion: 117 Resp: 167538

Ion Ratio Lower Upper

117 100

201 82.3 44.9 134.5

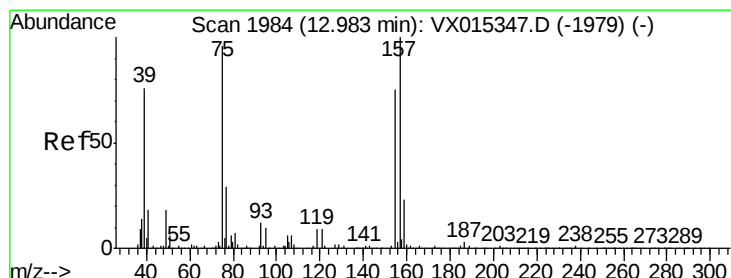
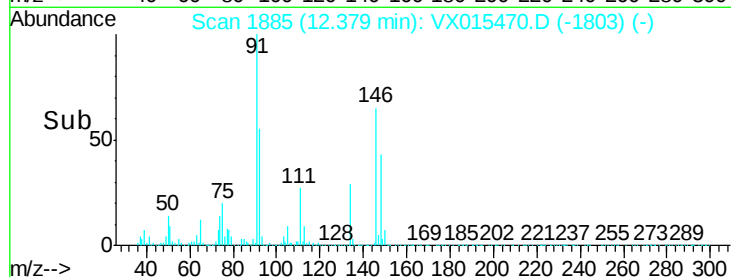
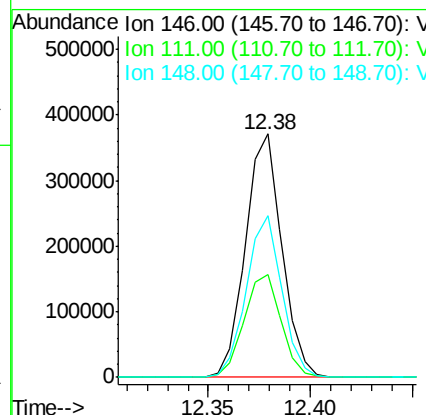
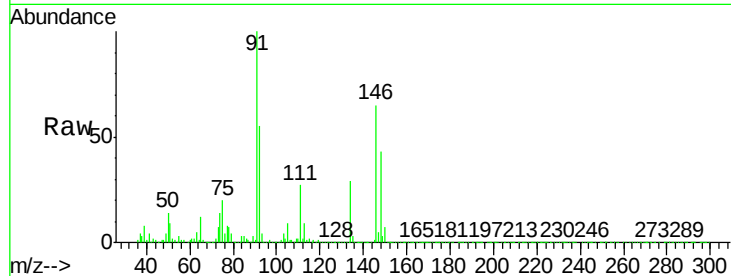




#87
 1,2-Dichlorobenzene
 Concen: 17.556 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015470.D
 Acq: 01 Apr 2020 16:53

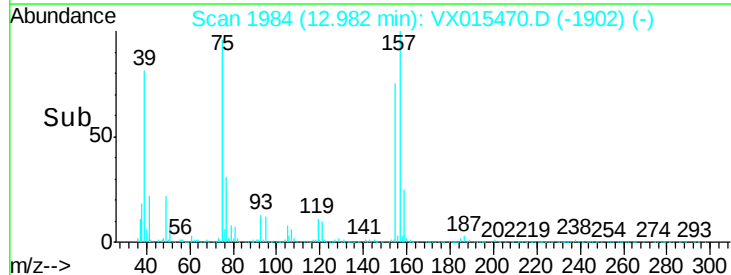
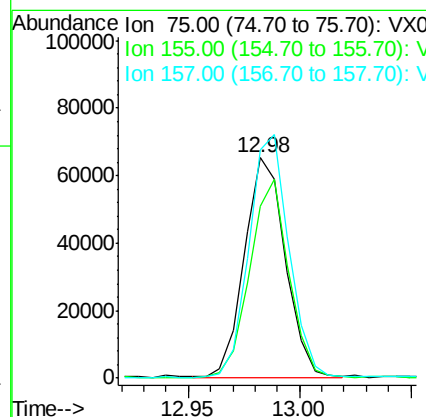
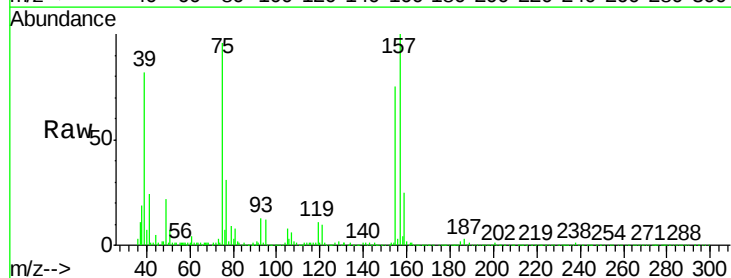
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

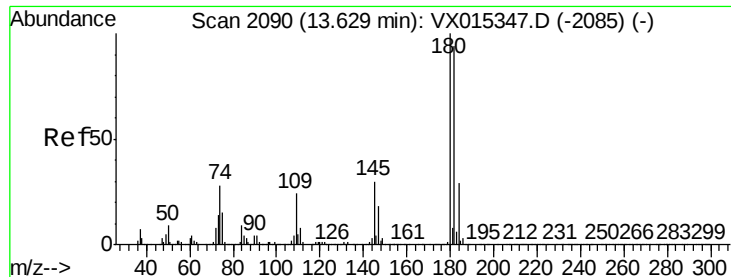
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.4	61.2
148	65.2	31.9	95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.544 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015470.D
 Acq: 01 Apr 2020 16:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.0	67.7	101.5
157	109.2	88.5	132.7

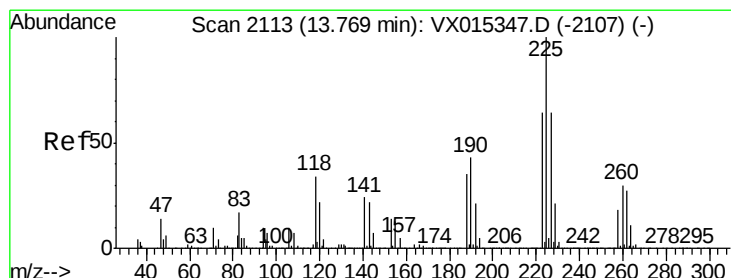
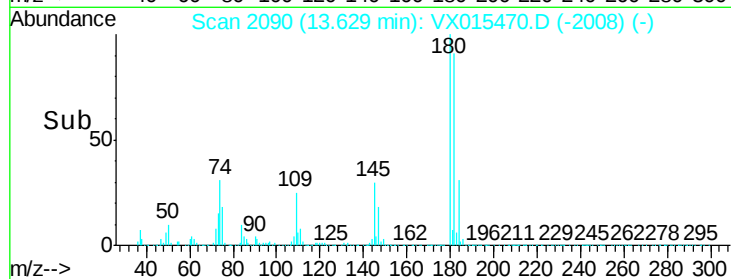
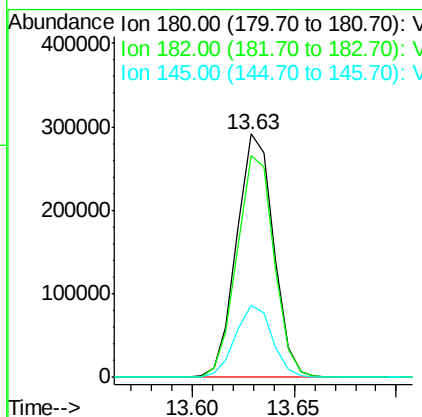
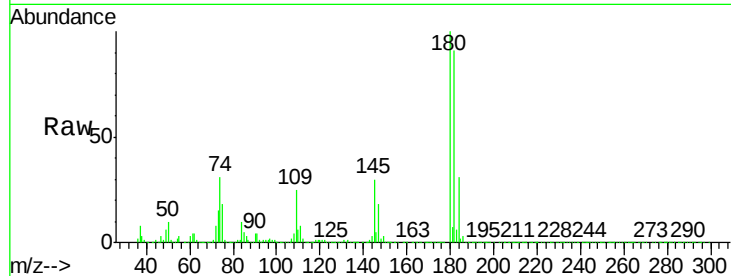




#89
 1,2,4-Trichlorobenzene
 Concen: 17.302 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015470.D
 Acq: 01 Apr 2020 16:53

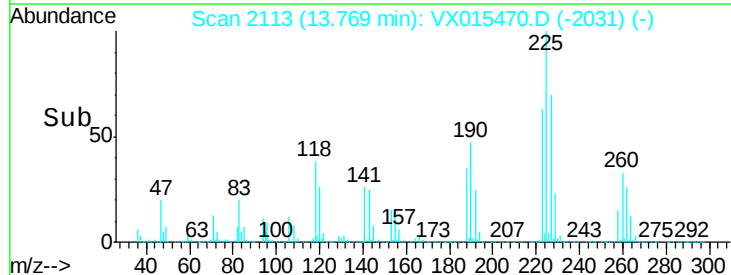
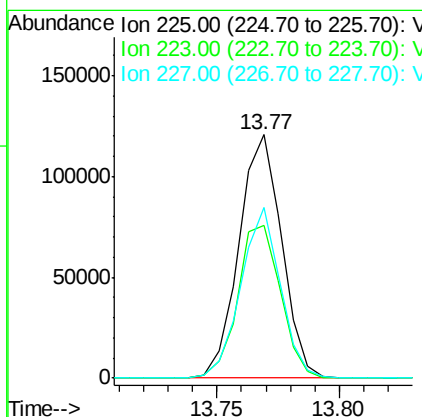
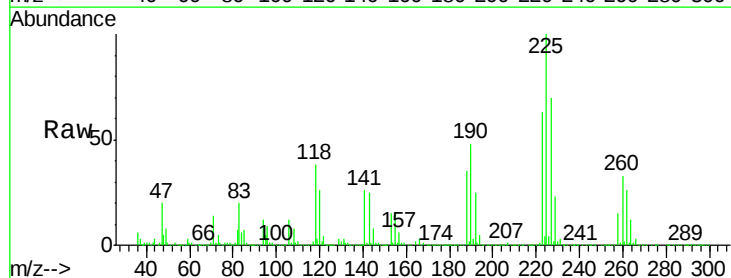
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

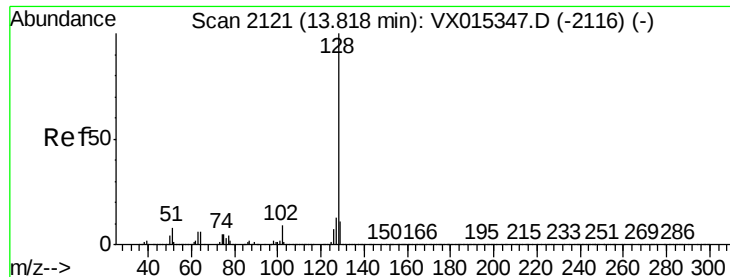
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.0	76.9	115.3
145	29.3	24.3	36.5



#90
 Hexachlorobutadiene
 Concen: 13.146 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015470.D
 Acq: 01 Apr 2020 16:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	0.0	127.0
227	65.2	0.0	126.8

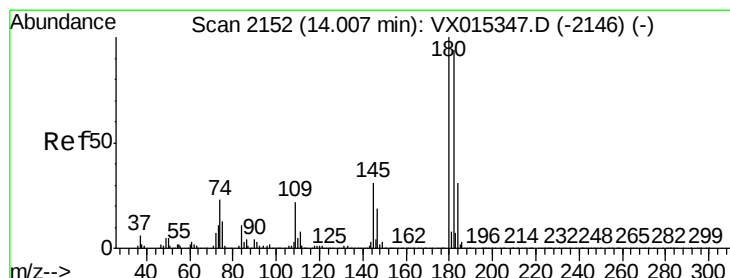
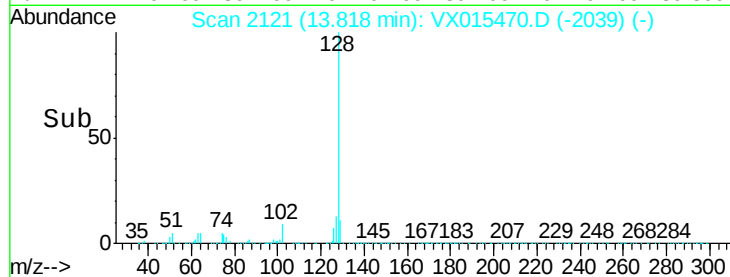
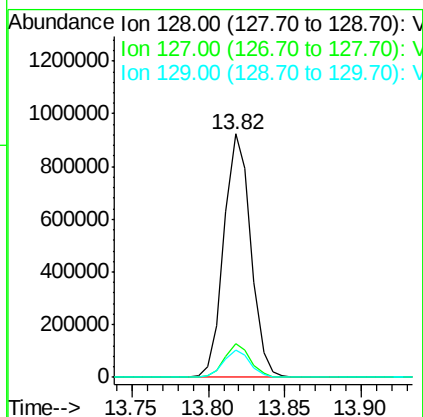
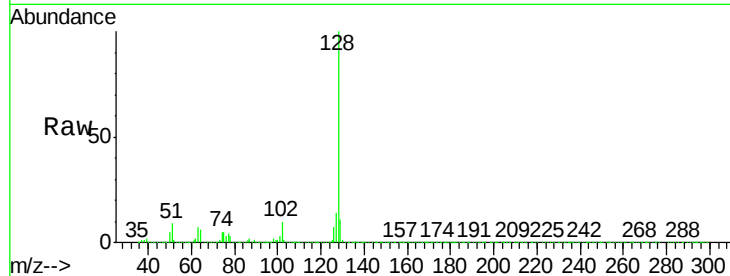




#91
Naphthalene
Concen: 18.366 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 1123172
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: 16.831 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. -0.00 min
Lab File: VX015470.D
Acq: 01 Apr 2020 16:53

Tgt Ion:180 Resp: 353126
Ion Ratio Lower Upper
180 100
182 93.2 0.0 191.0
145 30.5 0.0 62.2

