

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040120\
 Data File : VX015459.D
 Acq On : 01 Apr 2020 11:08
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Apr 02 09:26:05 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	192188	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.83	114	1107391	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	991533	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	475659	31.67	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.57%
60) 4-Bromofluorobenzene	11.12	95	523361	30.84	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.80%
63) Toluene-d8	8.70	98	1310911	31.12	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	193234	21.054	ug/l 97
3) Chloromethane	1.31	50	226051	19.957	ug/l 99
4) Vinyl Chloride	1.39	62	235057	21.572	ug/l 100
5) Bromomethane	1.64	94	139348	24.022	ug/l 100
6) Chloroethane	1.72	64	147314	21.669	ug/l 95
7) Trichlorofluoromethane	1.92	101	355702	22.842	ug/l 99
8) Diethyl Ether	2.17	74	134405	22.433	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	237331	23.036	ug/l 96
10) 1,1-Dichloroethene	2.36	96	231793	22.150	ug/l 96
11) Methyl Iodide	2.49	142	264429	19.015	ug/l 94
12) Methyl Acetate	2.75	43	327140	21.364	ug/l 98
13) Acrolein	2.27	56	210385	105.614	ug/l 94
14) Acrylonitrile	3.11	53	704510	107.466	ug/l 99
15) Acetone	2.42	58	215242	129.122	ug/l 90
16) Carbon Disulfide	2.55	76	685411	22.405	ug/l 99
17) Allyl chloride	2.70	41	520763	22.041	ug/l 97
18) Methylene Chloride	2.83	84	259897	22.121	ug/l 96
19) trans-1,2-Dichloroethene	3.14	96	251443	22.212	ug/l 98
20) Diisopropyl ether	3.83	45	951447	22.453	ug/l 89
21) 1,1-Dichloroethane	3.67	63	486405	22.487	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	289645	22.210	ug/l 100
23) tert-Butyl Alcohol	3.01	59	342700	106.277	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	846823	21.795	ug/l 100
25) Chloroform	5.17	83	476381	22.280	ug/l 97
26) Cyclohexane	5.54	56	459365	22.227	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	367271	22.075	ug/l 98
30) 2-Butanone	4.63	43	1089479	109.237	ug/l 99
31) 2,2-Dichloropropane	4.55	77	453086	22.630	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	432717	21.317	ug/l 98
33) Carbon Tetrachloride	5.75	117	386337	20.885	ug/l 99
34) Benzene	6.11	78	1038175	21.651	ug/l 100
35) Methacrylonitrile	5.00	41	237932	21.037	ug/l 96
36) 1,2-Dichloroethane	6.16	62	408458	22.044	ug/l 100
37) Trichloroethene	7.18	130	288921	21.399	ug/l 97
38) Methylcyclohexane	7.44	83	449024	22.016	ug/l 99
39) 1,2-Dichloropropane	7.49	63	276177	21.443	ug/l 96
40) Dibromomethane	7.64	93	178768	20.853	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	395991	21.254	ug/l	97
42) Vinyl Acetate	3.78	43	4243266	112.285	ug/l	99
43) Ethyl Acetate	4.79	43	405605	18.696	ug/l	100
44) Isopropyl Acetate	6.41	43	721889	20.676	ug/l	99
45) 1,4-Dioxane	7.73	88	134594	418.461	ug/l	96
46) Methyl methacrylate	7.75	41	353850	20.309	ug/l	98
47) n-amyl Acetate	10.88	43	613432	20.377	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	453166	21.070	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	481415	21.685	ug/l	96
50) 1,1,2-Trichloroethane	9.20	97	261858	21.284	ug/l	99
51) Ethyl methacrylate	9.16	69	429616	20.304	ug/l	99
52) 1,3-Dichloropropane	9.36	76	454571	21.392	ug/l	98
53) Dibromochloromethane	9.56	129	308274	20.327	ug/l	99
54) 1,2-Dibromoethane	9.65	107	278058	21.063	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	1064649	106.534	ug/l	99
56) Bromoform	10.84	173	231180	18.539	ug/l #	96
58) 4-Methyl-2-Pentanone	8.62	43	2056442	108.367	ug/l	99
59) 2-Hexanone	9.47	43	1615152	111.878	ug/l	100
61) Tetrachloroethene	9.32	164	275122	21.587	ug/l	96
62) Toluene	8.76	91	1108818	22.078	ug/l	99
64) Chlorobenzene	10.12	112	702303	21.750	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.20	131	276198	20.932	ug/l	99
66) Ethyl Benzene	10.23	91	1286017	22.415	ug/l	99
67) m/p-Xylenes	10.34	106	946873	43.604	ug/l	99
68) o-Xylene	10.68	106	456381	21.502	ug/l	99
69) Styrene	10.70	104	793868	21.467	ug/l	99
70) Isopropylbenzene	11.00	105	1250171	22.218	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	379819	20.826	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	376811m	22.081	ug/l	
73) Bromobenzene	11.24	156	308519	20.426	ug/l	95
74) n-propylbenzene	11.34	91	1473759	22.835	ug/l	99
75) 2-Chlorotoluene	11.40	91	862370	21.969	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	1054752	21.828	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	147414	20.046	ug/l	94
78) 4-Chlorotoluene	11.50	91	1025912	22.591	ug/l	99
79) tert-butylbenzene	11.76	119	1044623	21.630	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	1059975	21.654	ug/l	99
81) sec-Butylbenzene	11.93	105	1226747	22.143	ug/l	99
82) p-Isopropyltoluene	12.05	119	1143118	21.892	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	580890	21.388	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	587089	21.660	ug/l	100
85) n-Butylbenzene	12.37	91	1063113	22.842	ug/l	99
86) Hexachloroethane	12.58	117	209585	20.768	ug/l	91
87) 1,2-Dichlorobenzene	12.38	146	558651	21.083	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	95710	19.924	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	437698	20.505	ug/l	96
90) Hexachlorobutadiene	13.77	225	219511	19.521	ug/l	94
91) Naphthalene	13.82	128	1295003	20.951	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	419197	19.769	ug/l	99

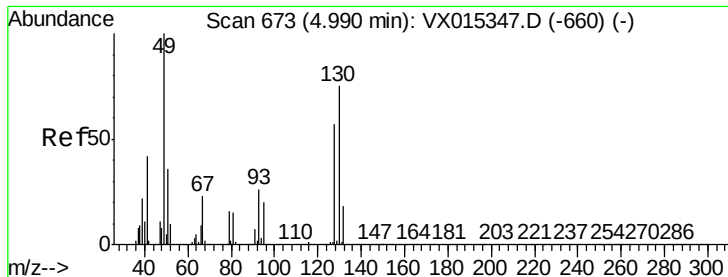
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

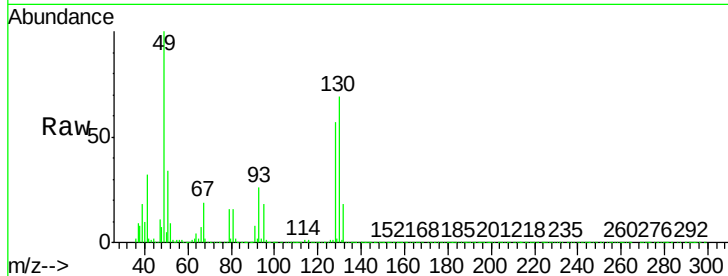
Tot Ion:128 Resp: 192188

Ion Ratio Lower Upper

128 100

49 178.9 0.0 428.0

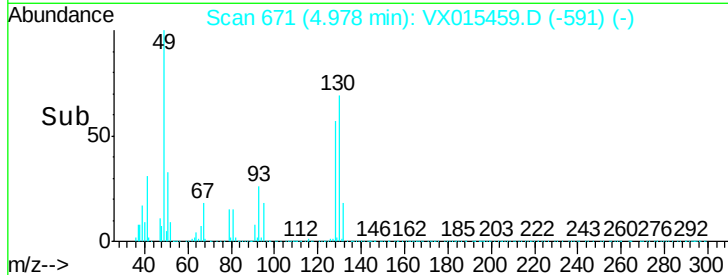
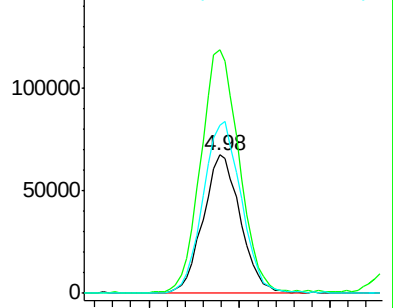
130 127.3 0.0 324.5



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: 21.054 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015459.D

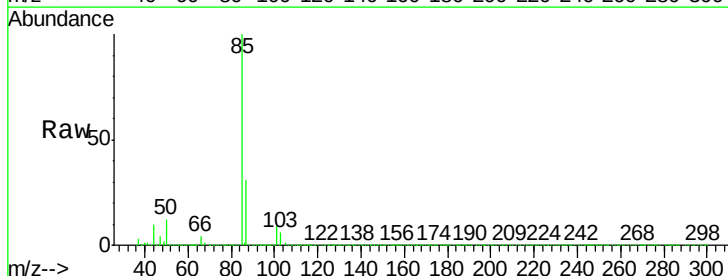
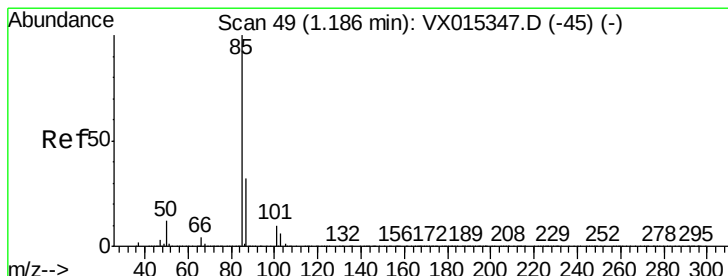
Acq: 01 Apr 2020 11:08

Tgt Ion: 85 Resp: 193234

Ion Ratio Lower Upper

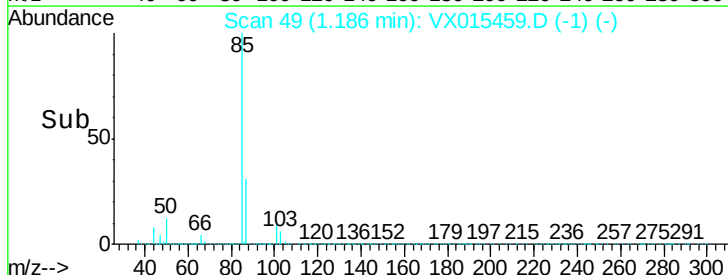
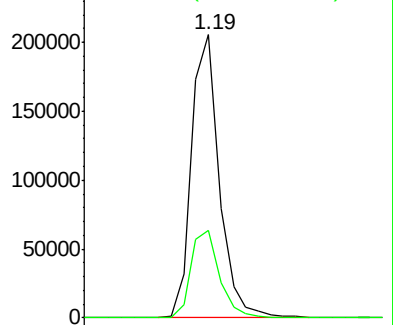
85 100

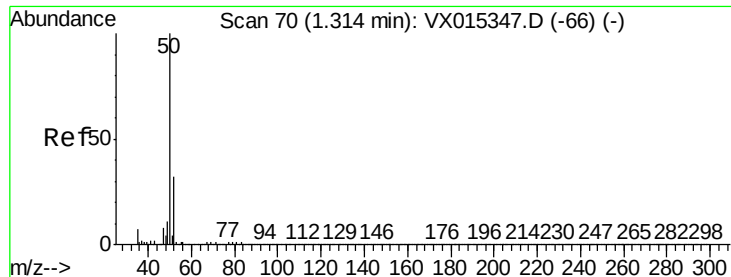
87 31.0 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

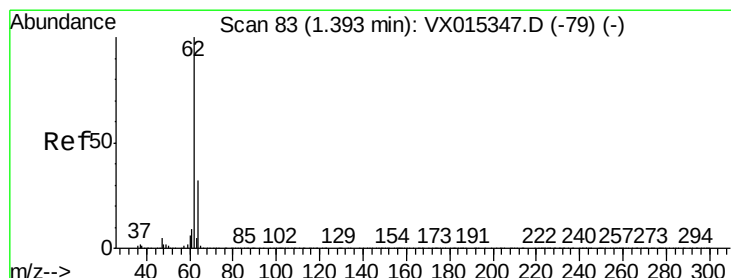
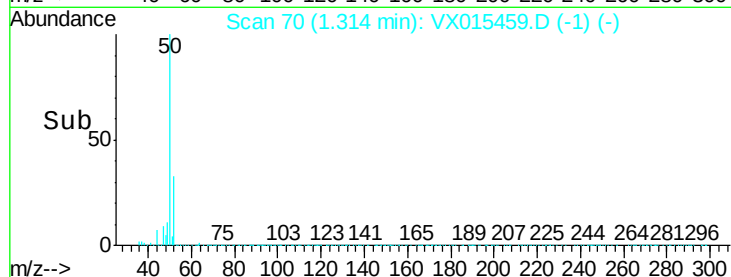
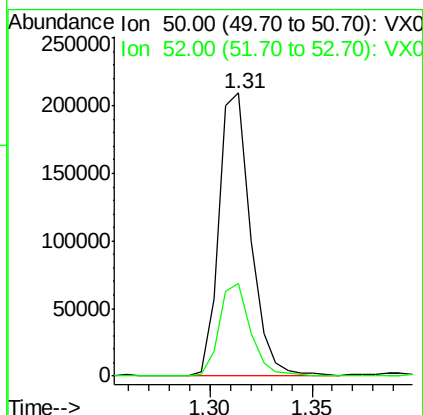
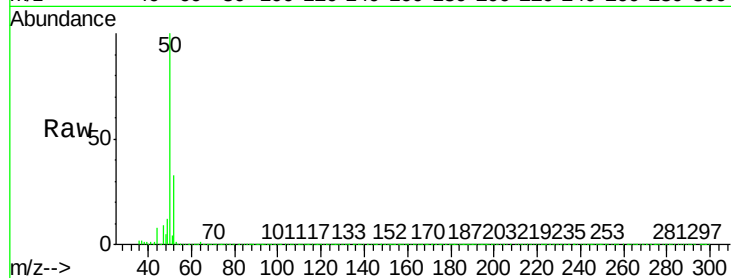




#3
Chloromethane
Concen: 19.957 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

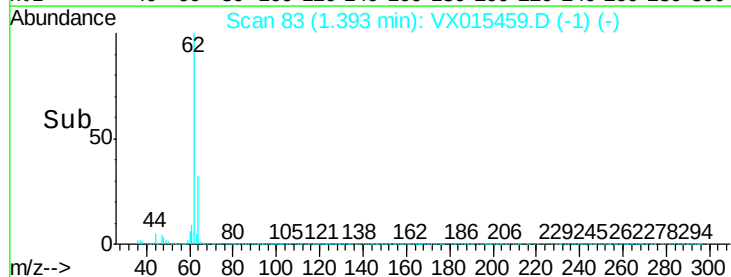
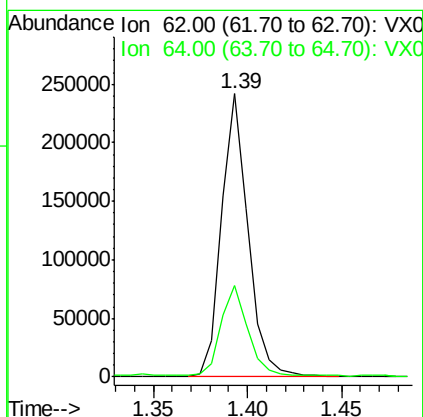
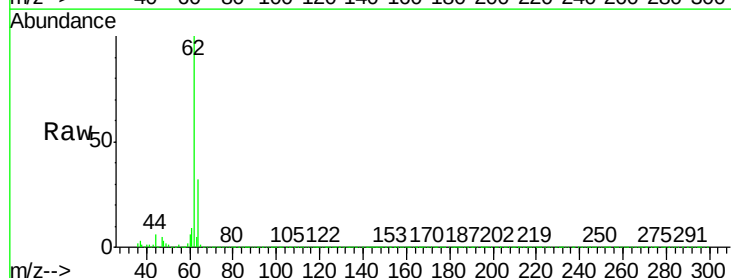
Instrument :
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ClientSampleId :
VSTDCCC020

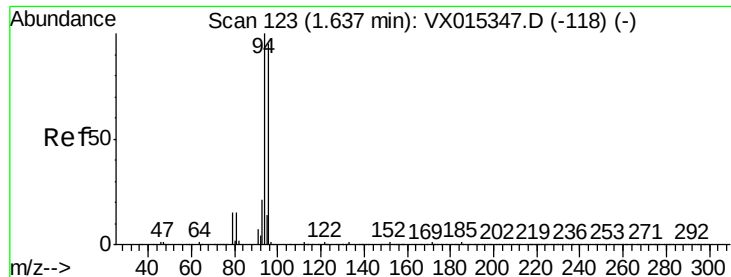
Tot Ion: 50 Resp: 226051
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3



#4
Vinyl Chloride
Concen: 21.572 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion: 62 Resp: 235057
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5

Bromomethane

Concen: 24.022 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

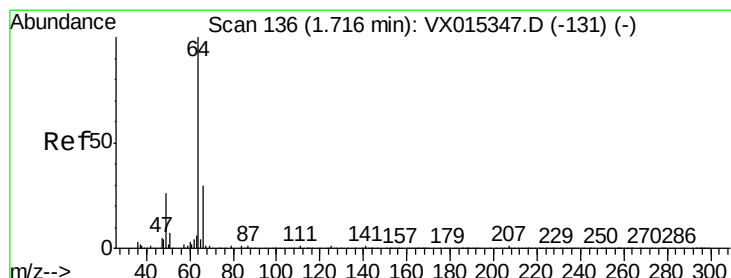
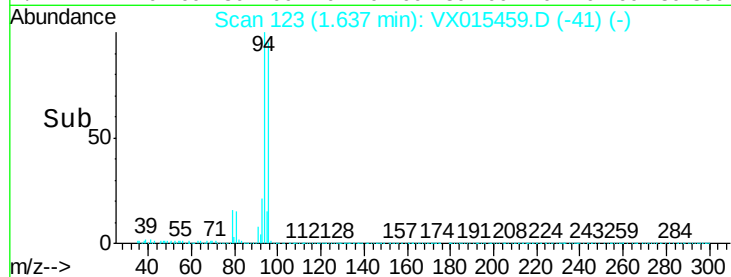
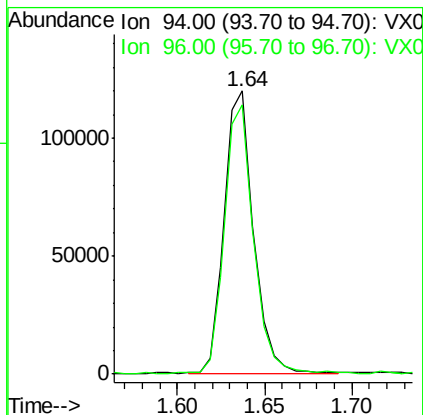
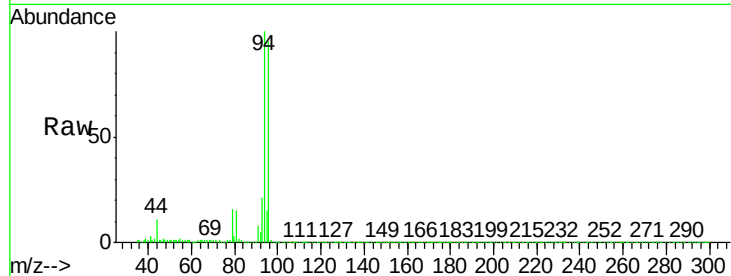
VSTDCCC020

Tot Ion: 94 Resp: 139348

Ion Ratio Lower Upper

94 100

96 95.3 76.1 114.1



#6

Chloroethane

Concen: 21.669 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015459.D

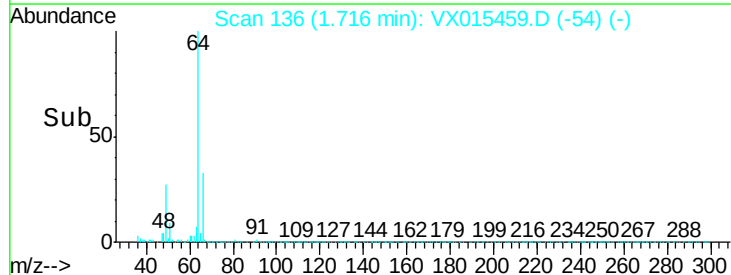
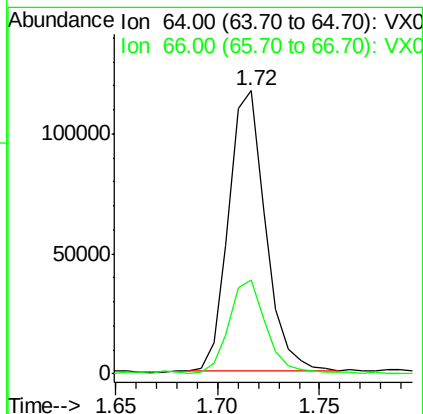
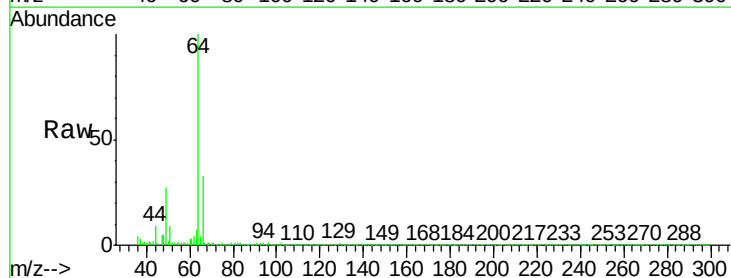
Acq: 01 Apr 2020 11:08

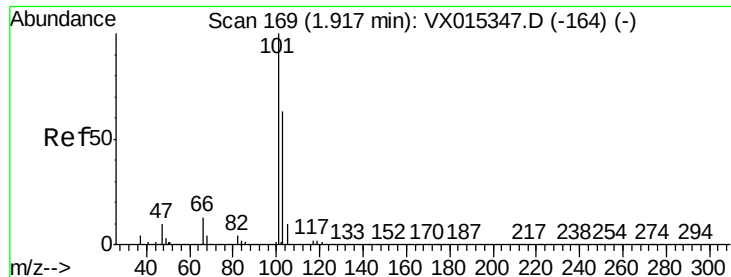
Tgt Ion: 64 Resp: 147314

Ion Ratio Lower Upper

64 100

66 33.3 24.3 36.5



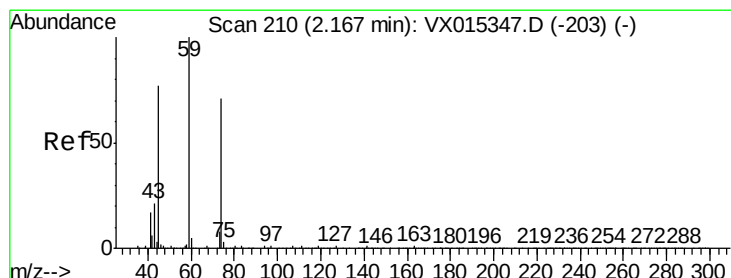
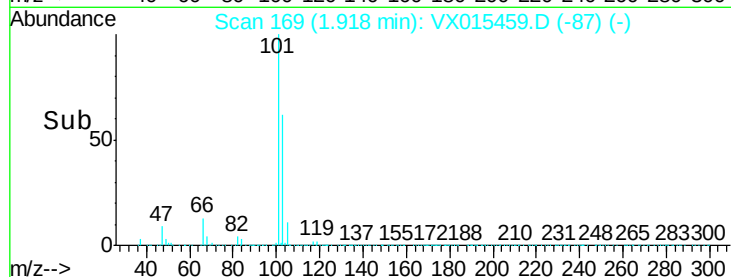
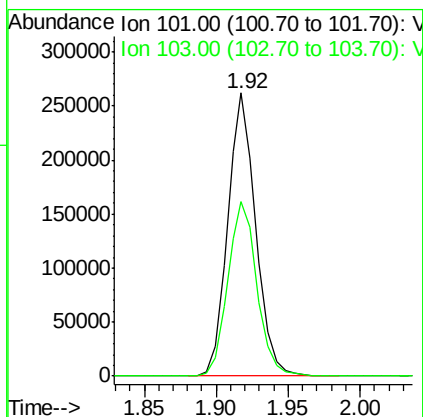
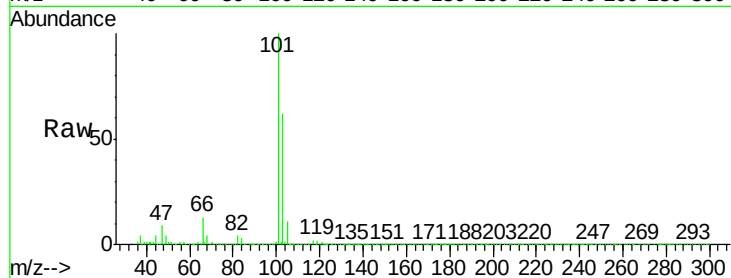


#7

Trichlorofluoromethane
Concen: 22.842 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

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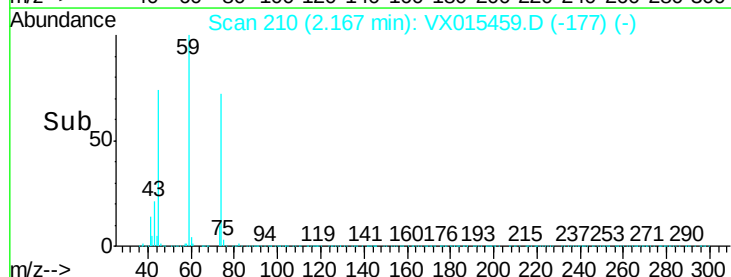
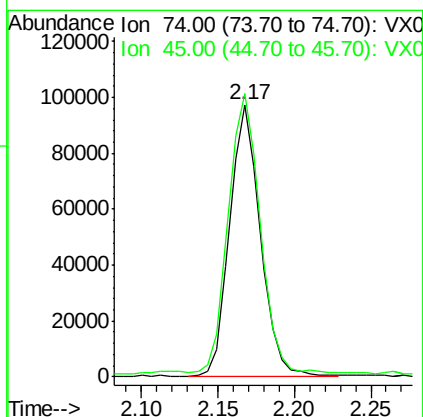
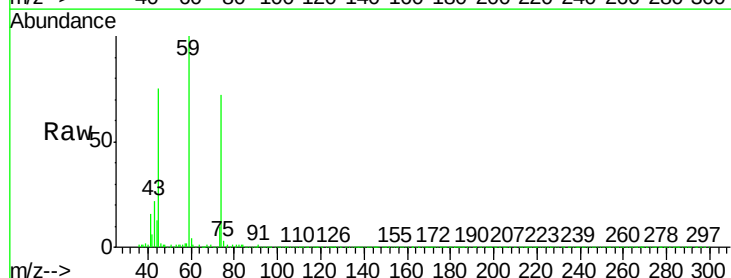
Tot Ion	Ratio	Lower	Upper
101	100		
103	61.6	49.9	74.9

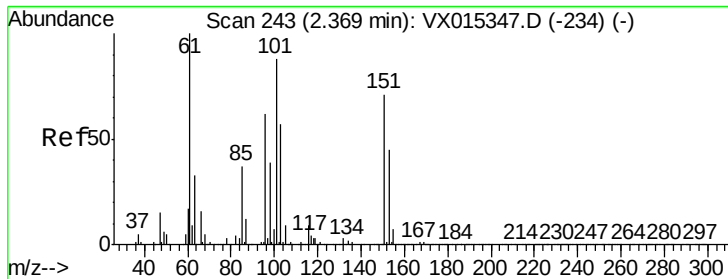


#8

Diethyl Ether
Concen: 22.433 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.5	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.036 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

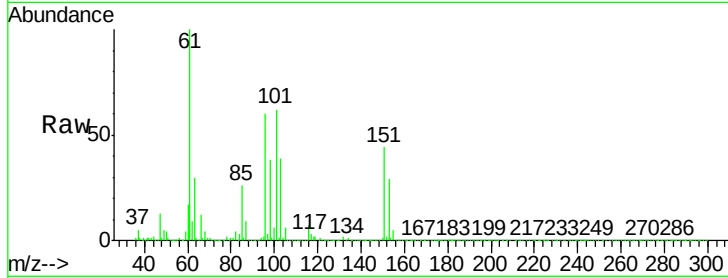
Tot Ion:101 Resp: 237331

Ion Ratio Lower Upper

101 100

85 44.7 0.0 85.8

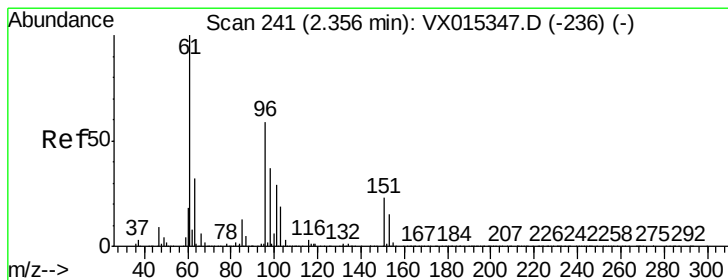
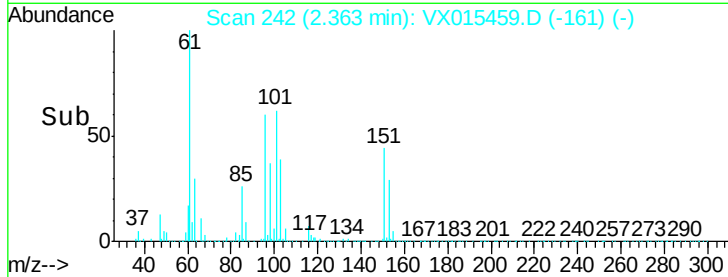
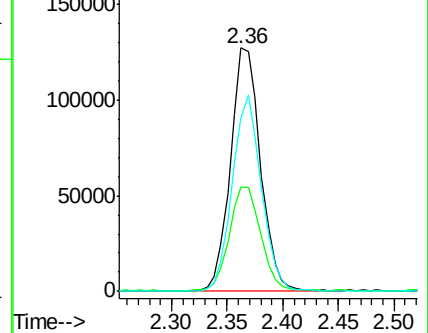
151 78.2 0.0 164.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 22.150 ug/l

RT: 2.36 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

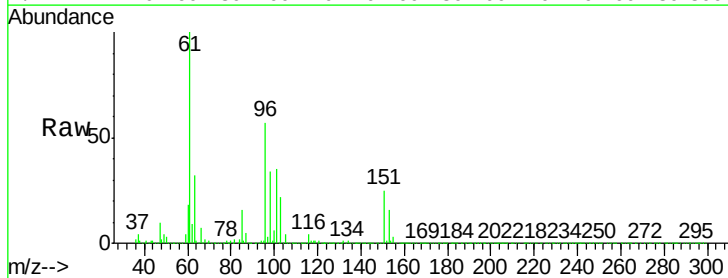
Tgt Ion: 96 Resp: 231793

Ion Ratio Lower Upper

96 100

61 176.2 135.5 203.3

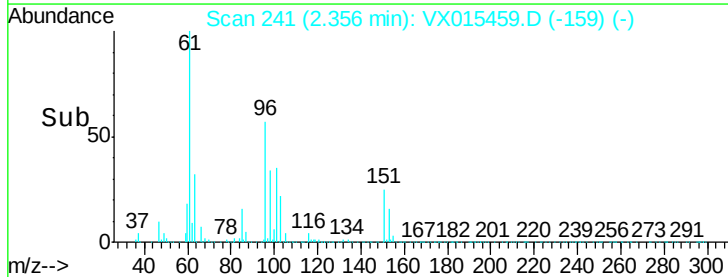
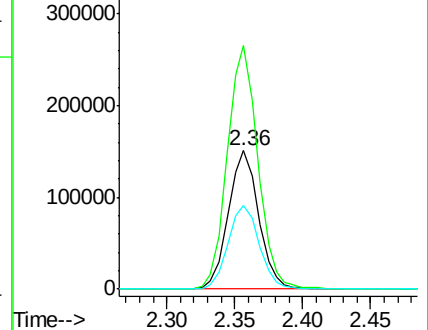
98 60.6 50.2 75.2

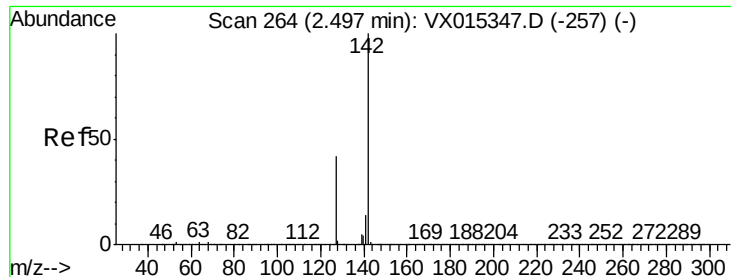


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

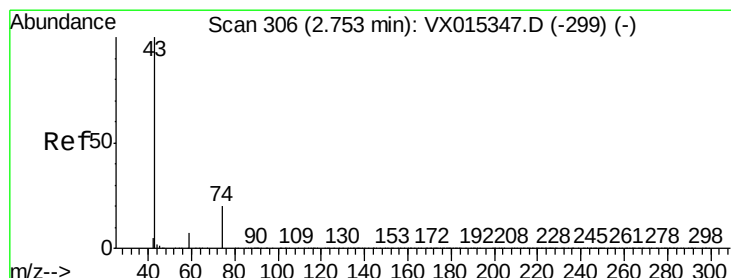
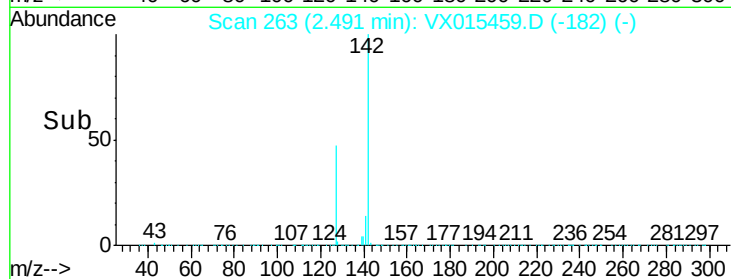
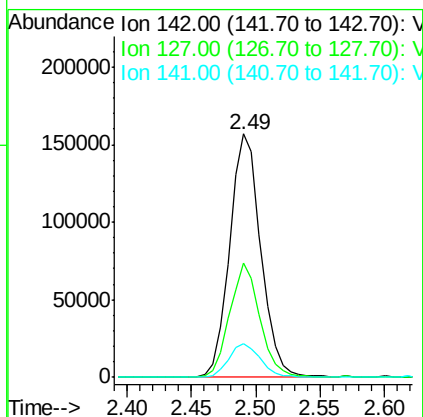
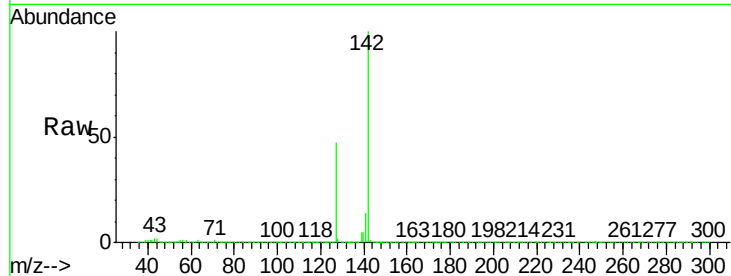




#11
Methvl Iodide
Concen: 19.015 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

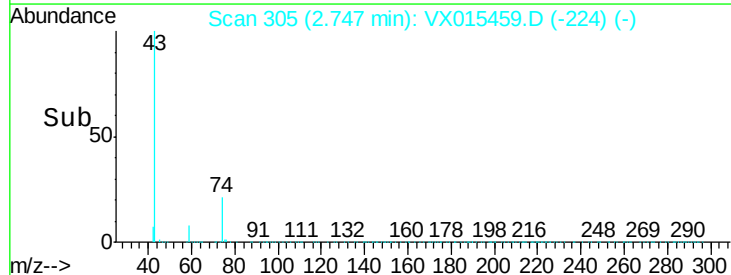
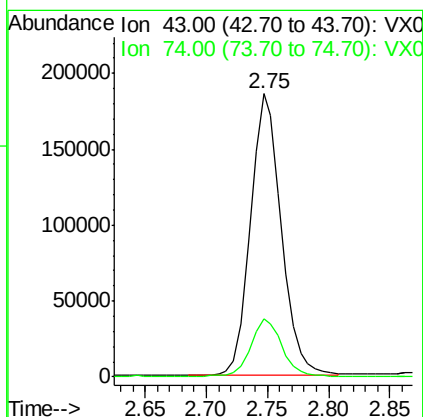
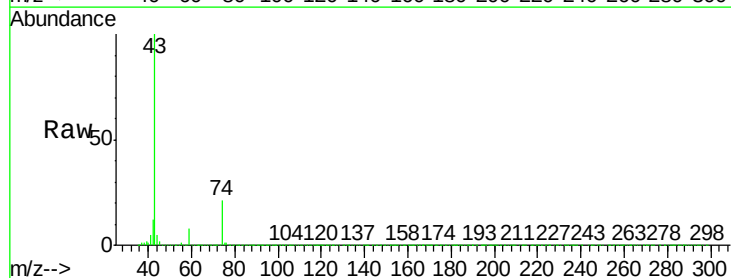
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

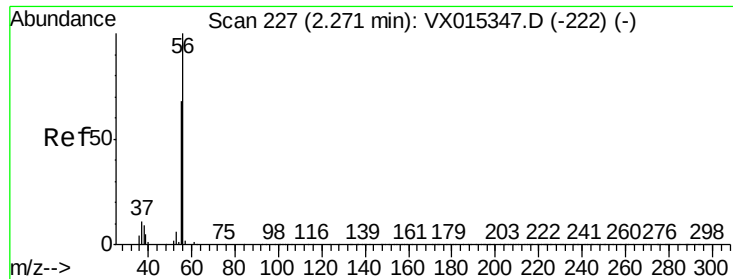
Tot Ion	Ratio	Lower	Upper
142	100		
127	46.7	21.0	63.0
141	13.8	6.9	20.7



#12
Methyl Acetate
Concen: 21.364 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	15.8	23.6

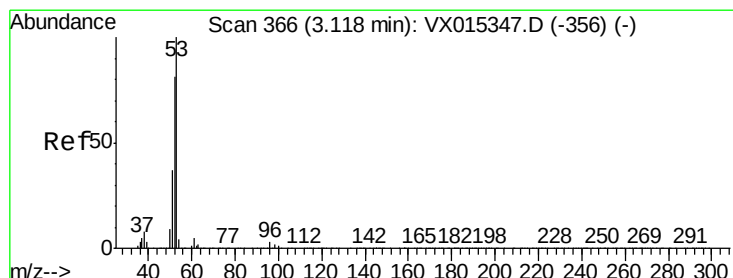
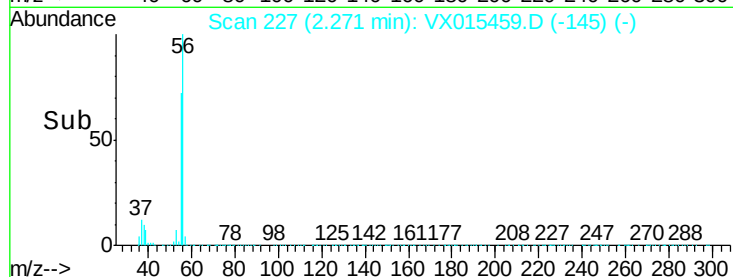
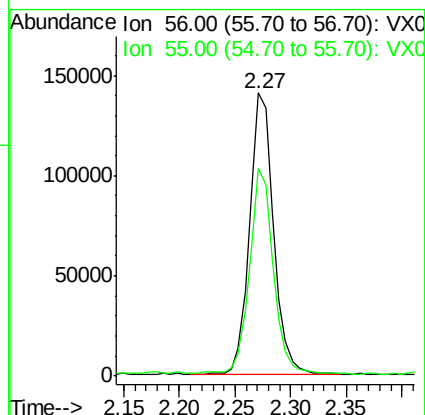
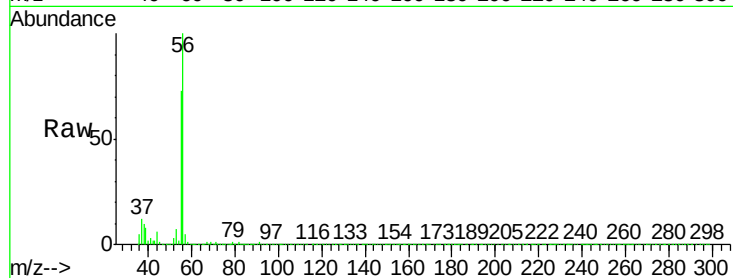




#13
Acrolein
Concen: 105.614 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

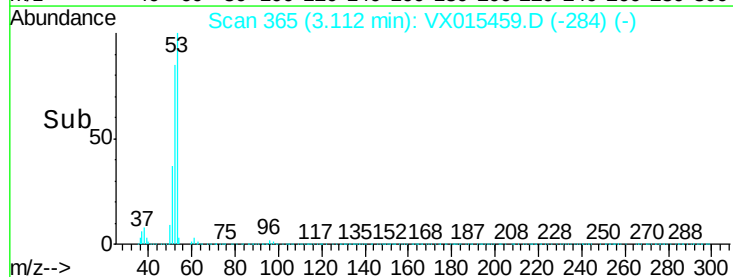
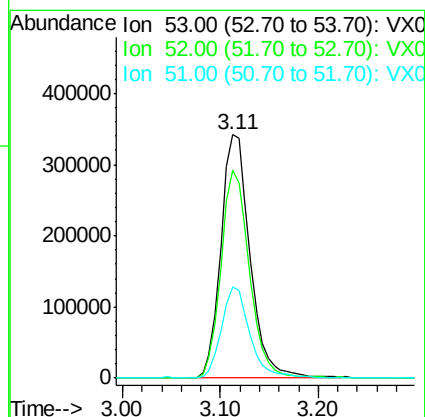
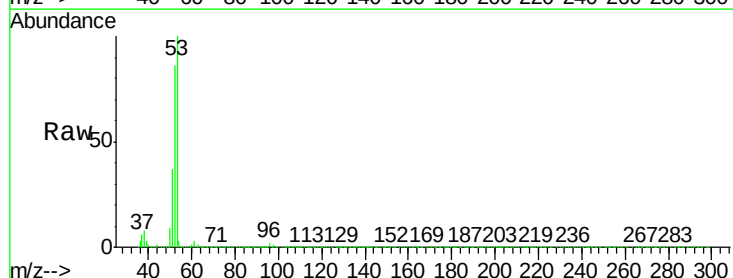
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

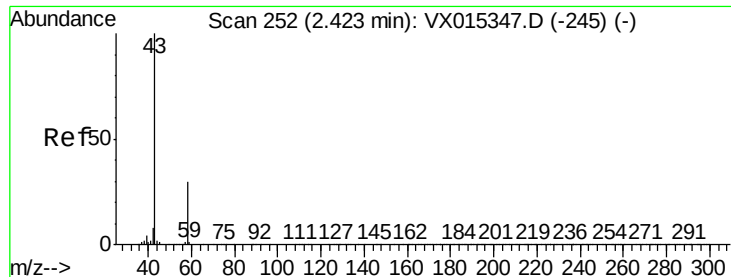
Tot Ion: 56 Resp: 210385
Ion Ratio Lower Upper
56 100
55 71.9 53.5 80.3



#14
Acrylonitrile
Concen: 107.466 ug/l
RT: 3.11 min Scan# 365
Delta R.T. -0.01 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion: 53 Resp: 704510
Ion Ratio Lower Upper
53 100
52 83.5 41.0 123.2
51 36.4 18.4 55.4





#15

Acetone

Concen: 129.122 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

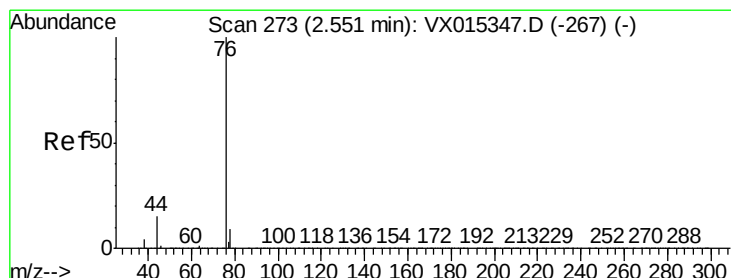
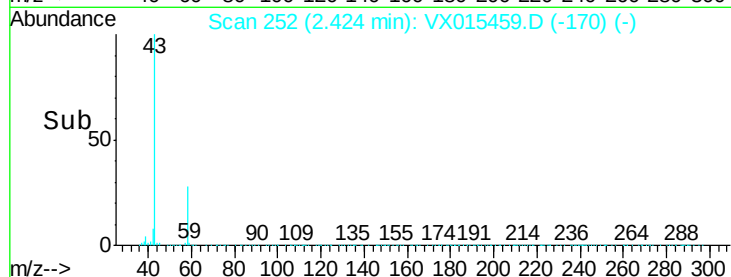
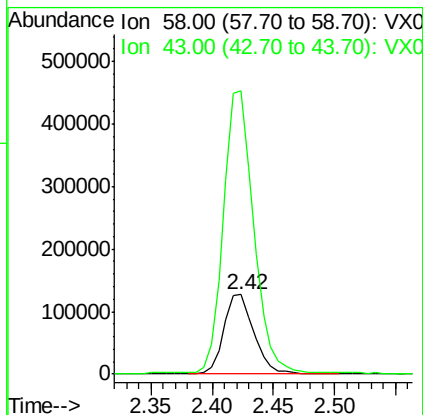
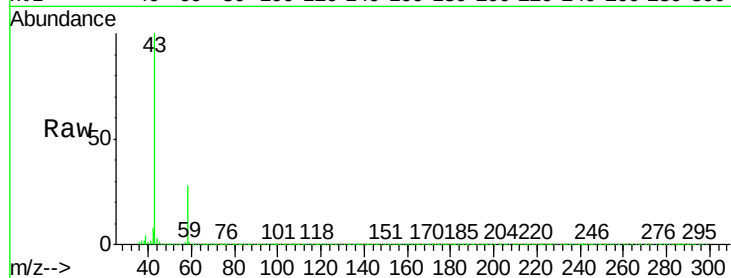
VSTDCCC020

Tot Ion: 58 Resp: 215242

Ion Ratio Lower Upper

58 100

43 356.8 267.8 401.8



#16

Carbon Disulfide

Concen: 22.405 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015459.D

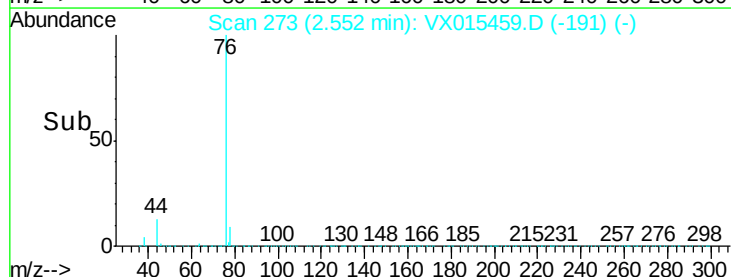
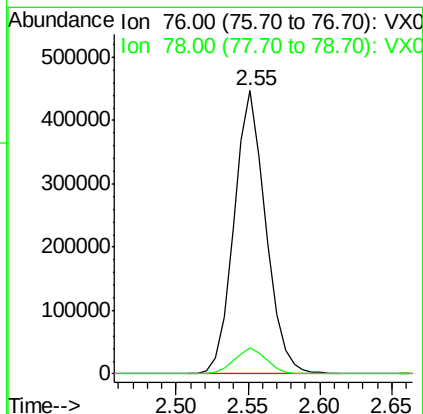
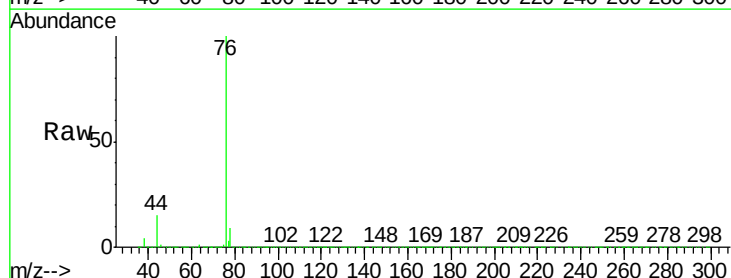
Acq: 01 Apr 2020 11:08

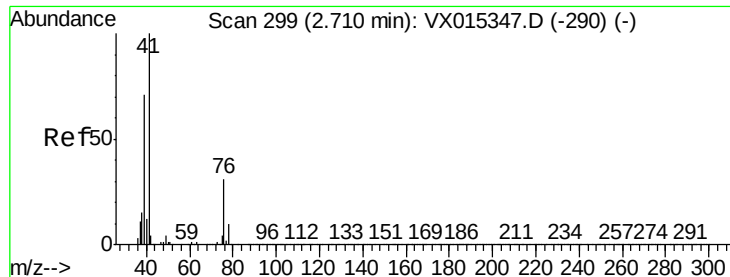
Tgt Ion: 76 Resp: 685411

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

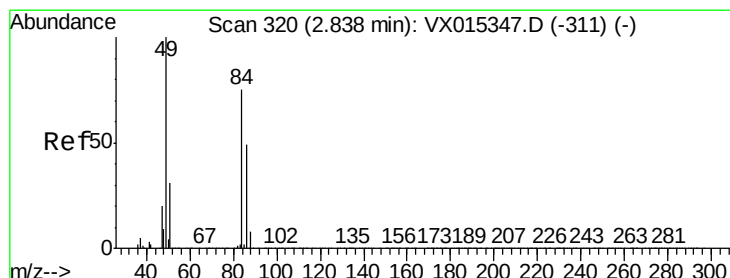
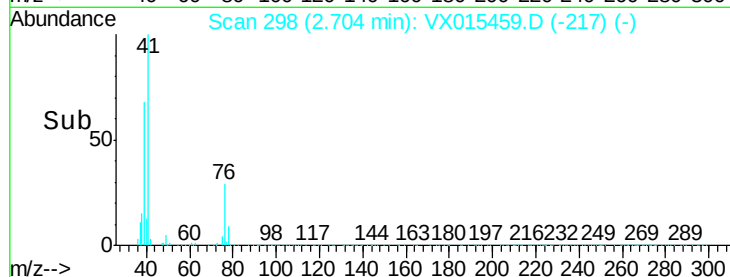
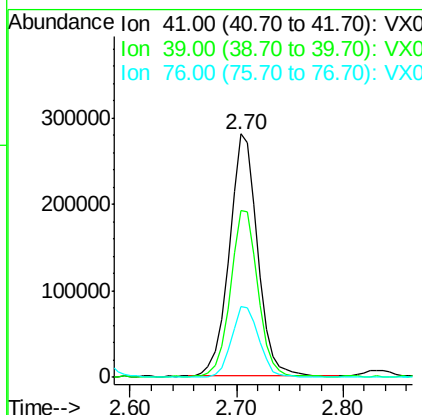
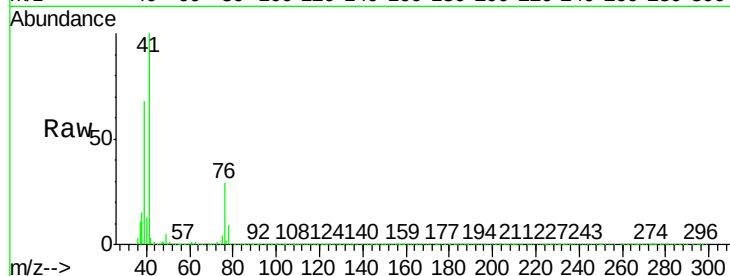




#17
Allvl chloride
Concen: 22.041 ug/l
RT: 2.70 min Scan# 298
Delta R.T. -0.01 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

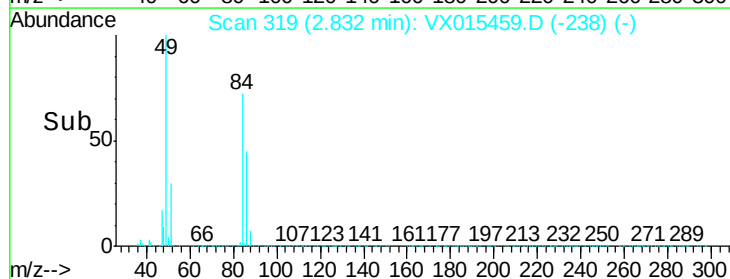
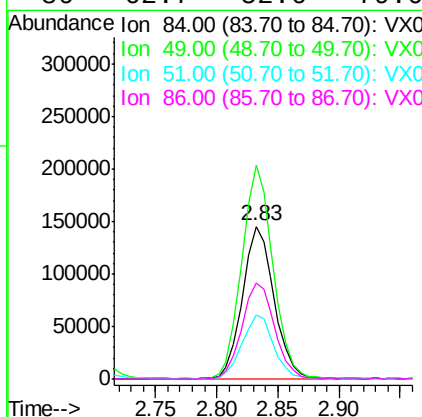
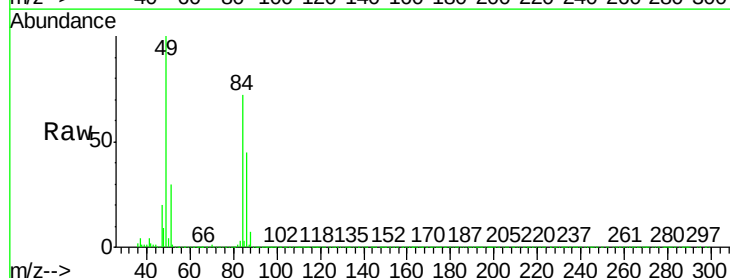
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

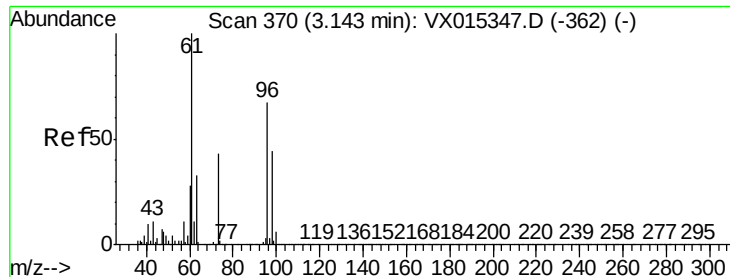
Tot Ion: 41 Resp: 520763
Ion Ratio Lower Upper
41 100
39 68.4 35.6 106.8
76 29.3 15.4 46.4



#18
Methylene Chloride
Concen: 22.121 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion: 84 Resp: 259897
Ion Ratio Lower Upper
84 100
49 139.5 107.0 160.4
51 41.6 33.4 50.0
86 62.7 52.6 79.0





#19

trans-1,2-Dichloroethene

Concen: 22.212 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

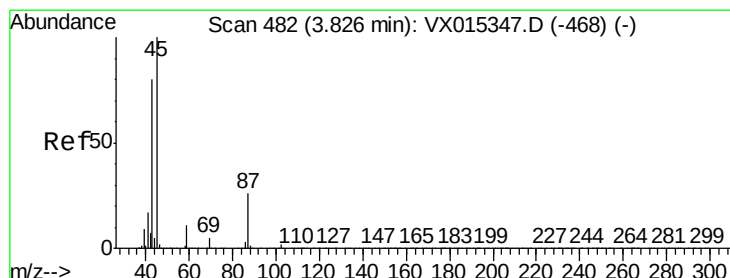
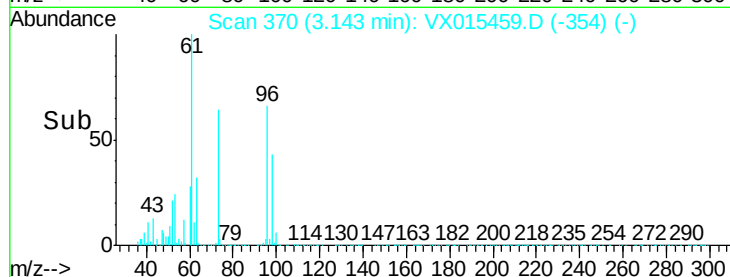
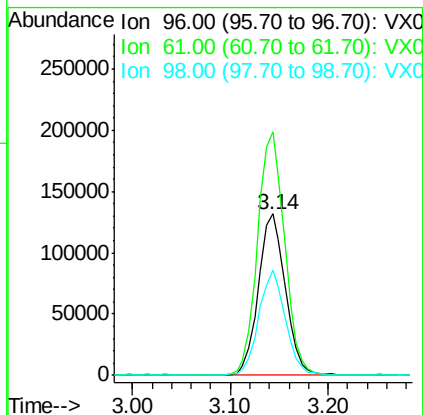
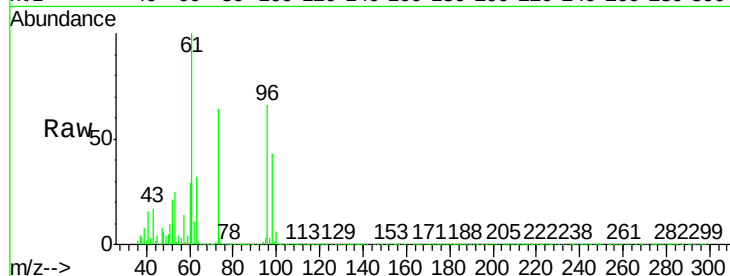
Tot Ion: 96 Resp: 251443

Ion Ratio Lower Upper

96 100

61 150.9 118.2 177.2

98 65.1 51.9 77.9



#20

Diisopropyl ether

Concen: 22.453 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Tgt Ion: 45 Resp: 951447

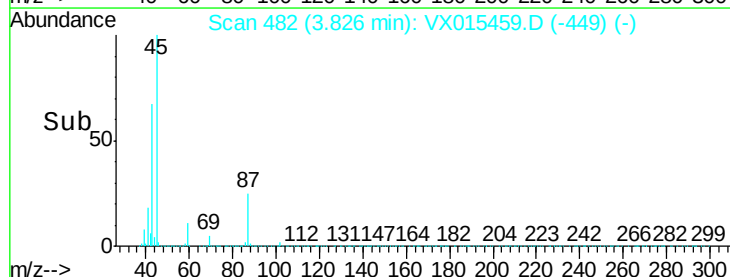
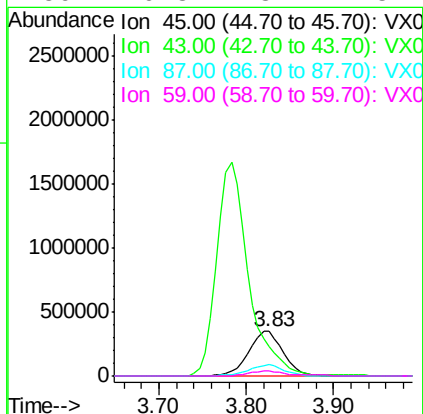
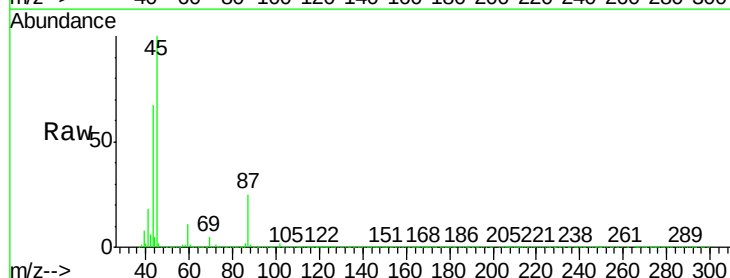
Ion Ratio Lower Upper

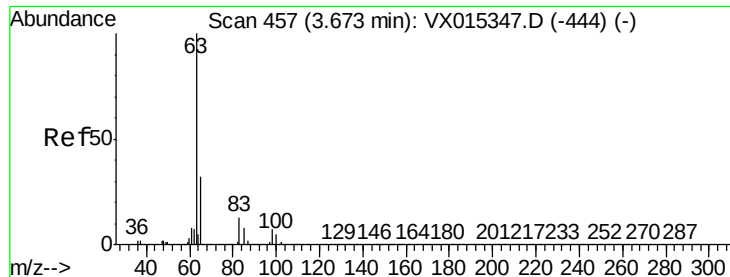
45 100

43 66.3 64.4 96.6

87 24.9 20.4 30.6

59 10.8 8.7 13.1





#21

1,1-Dichloroethane

Concen: 22.487 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

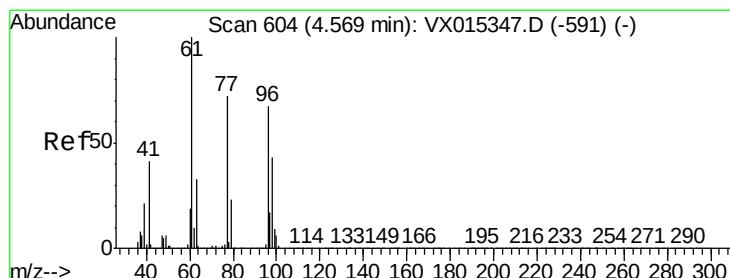
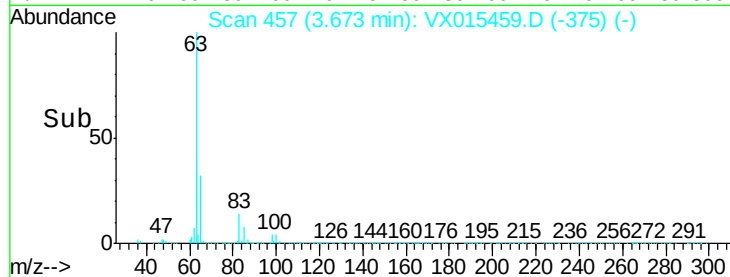
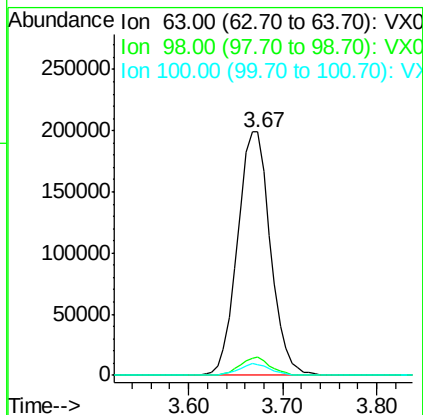
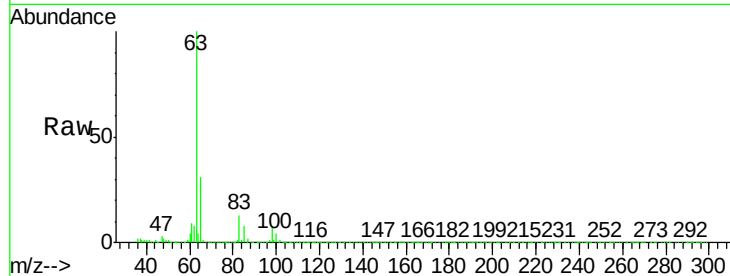
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	486405
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.3	9.9
100	4.4	2.3	6.8



#22

cis-1,2-Dichloroethene

Concen: 22.210 ug/l

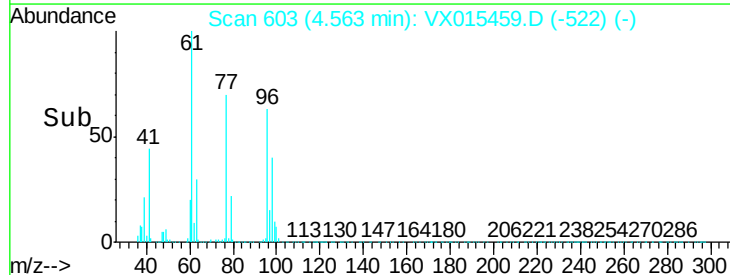
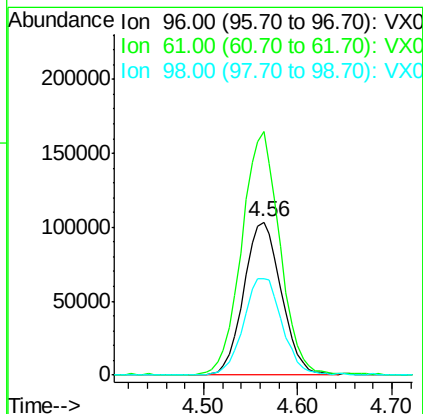
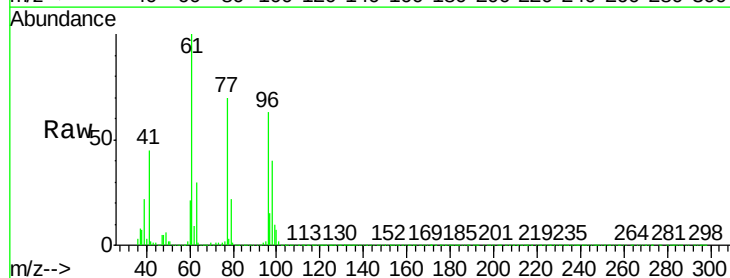
RT: 4.56 min Scan# 603

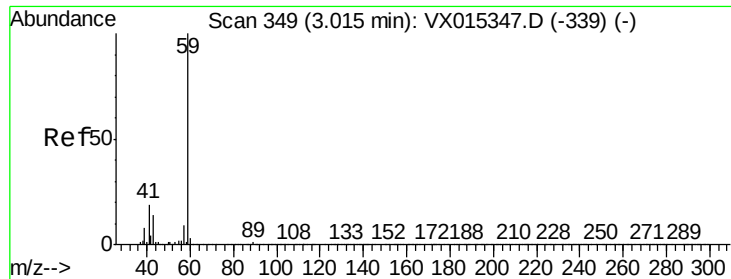
Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Tgt Ion:	96	Resp:	289645
Ion	Ratio	Lower	Upper
96	100		
61	159.3	127.2	190.8
98	64.3	51.8	77.6



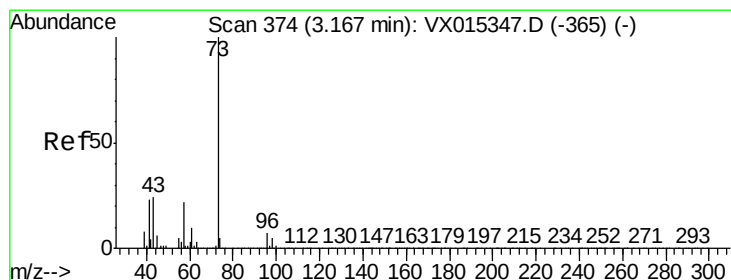
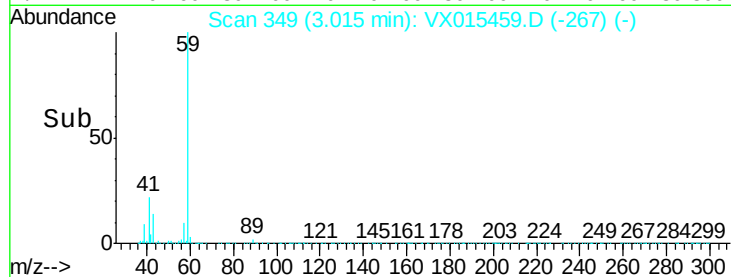
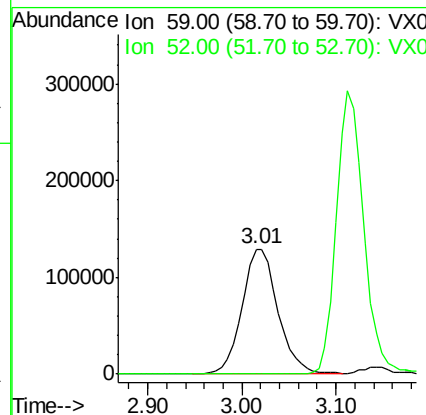
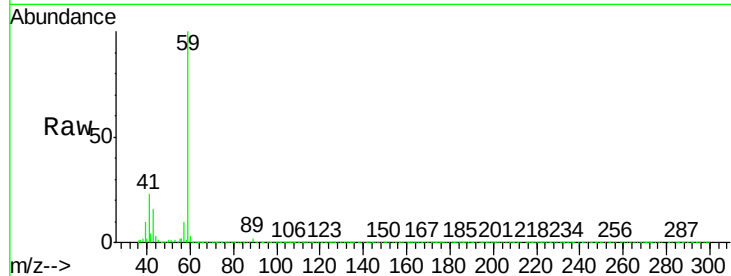


#23

tert-Butyl Alcohol
Concen: 106.277 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

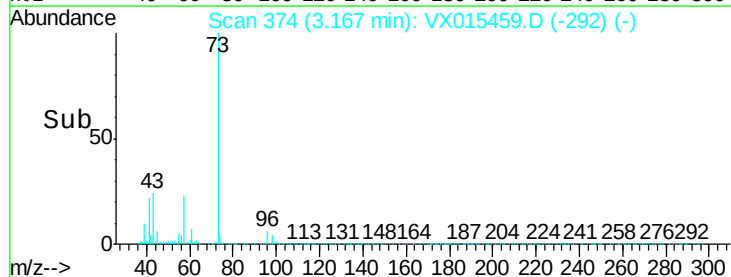
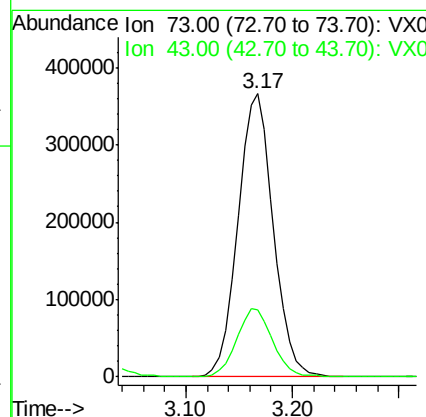
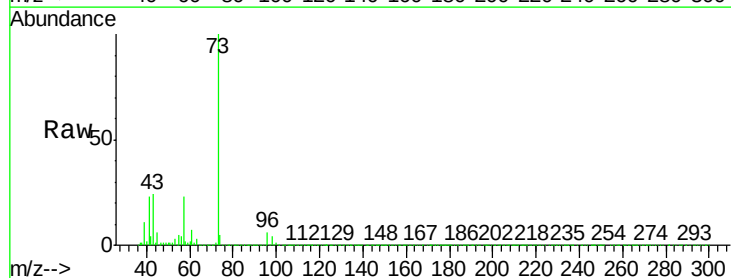
Tot Ion: 59 Resp: 342700
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2#

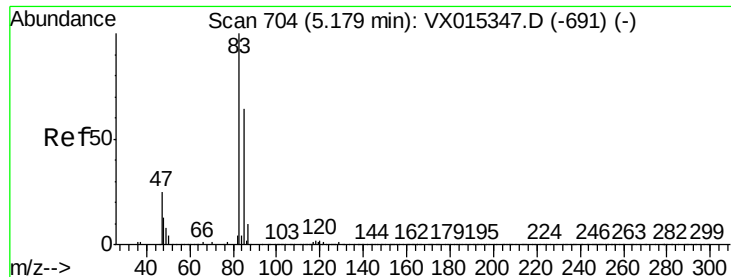


#24

Methyl tert-Butyl Ether
Concen: 21.795 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion: 73 Resp: 846823
Ion Ratio Lower Upper
73 100
43 24.1 19.2 28.8





#25

Chloroform

Concen: 22.280 ug/l

RT: 5.17 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

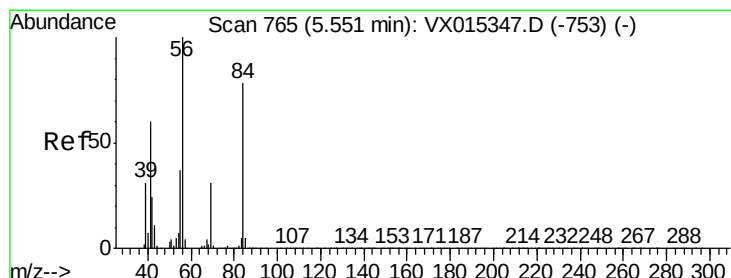
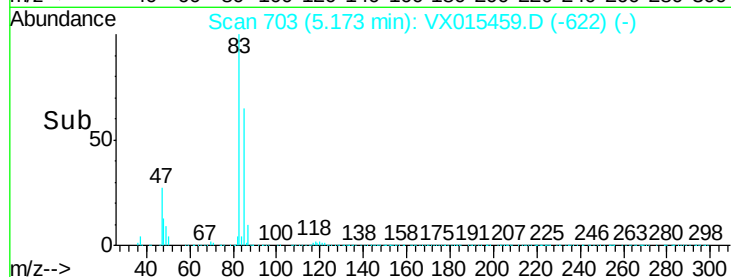
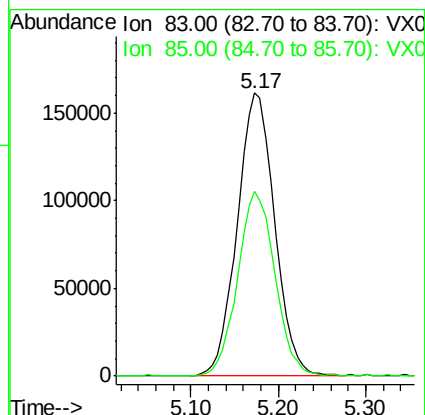
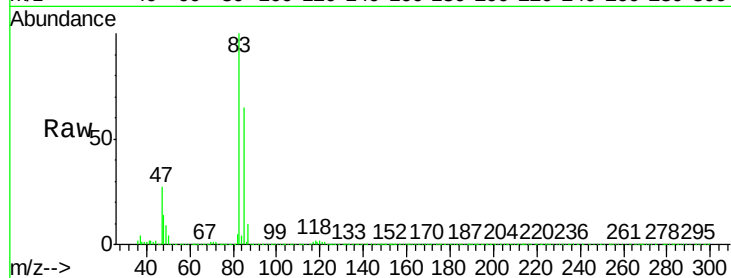
VSTDCCC020

Tot Ion: 83 Resp: 476381

Ion Ratio Lower Upper

83 100

85 65.4 50.5 75.7



#26

Cyclohexane

Concen: 22.227 ug/l

RT: 5.54 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

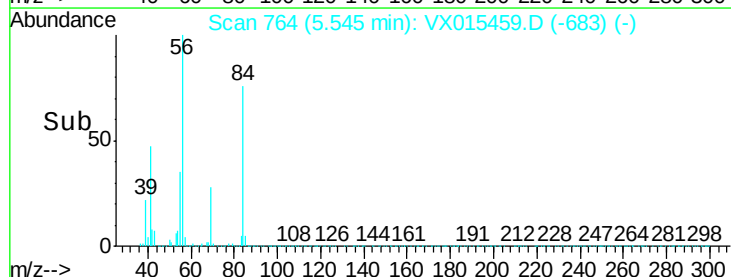
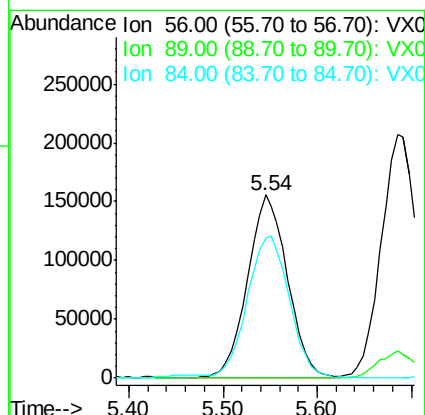
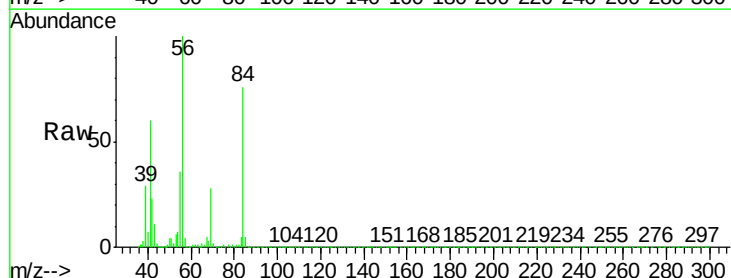
Tgt Ion: 56 Resp: 459365

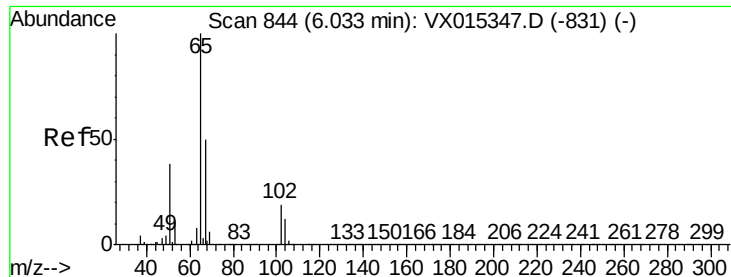
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 81.5 66.1 99.1





#27

1,2-Dichloroethane-d4

Concen: 31.672 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

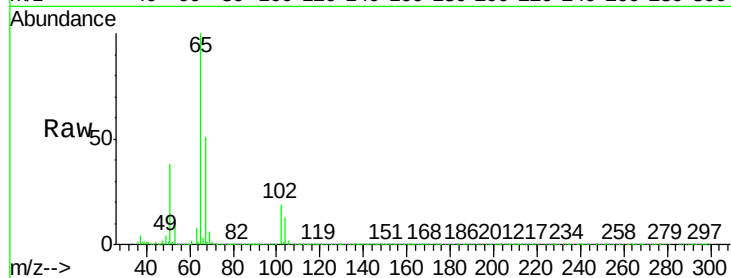
VSTDCCC020

Tot Ion: 65 Resp: 475659

Ion Ratio Lower Upper

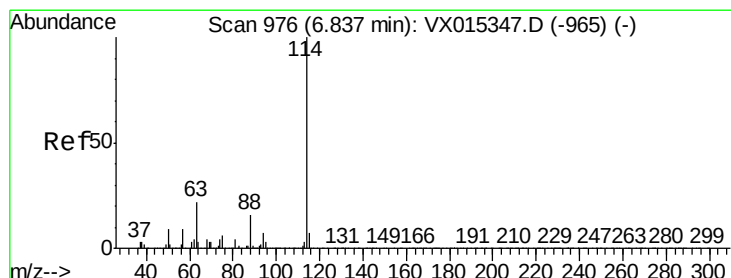
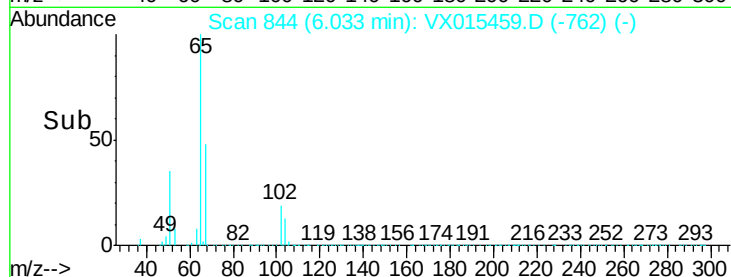
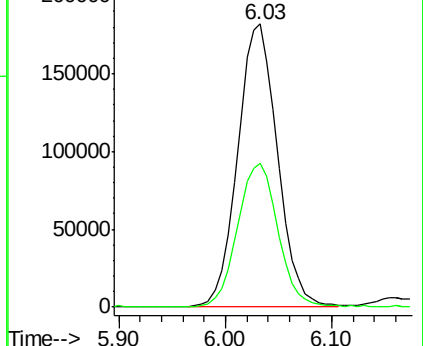
65 100

67 51.1 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

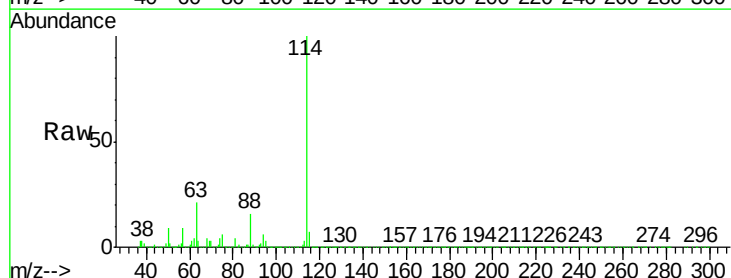
Tgt Ion: 114 Resp: 1107391

Ion Ratio Lower Upper

114 100

63 22.4 17.4 26.2

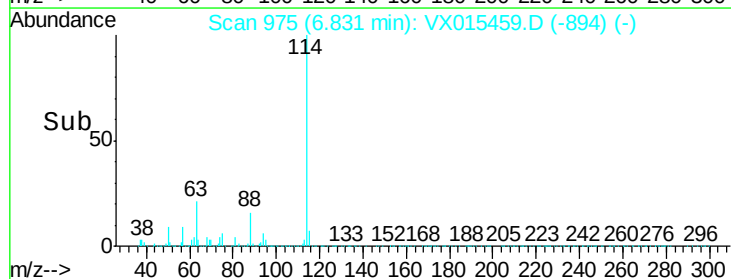
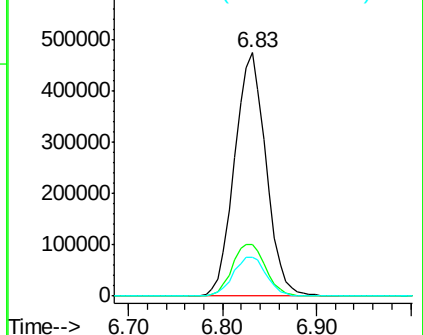
88 16.8 12.9 19.3

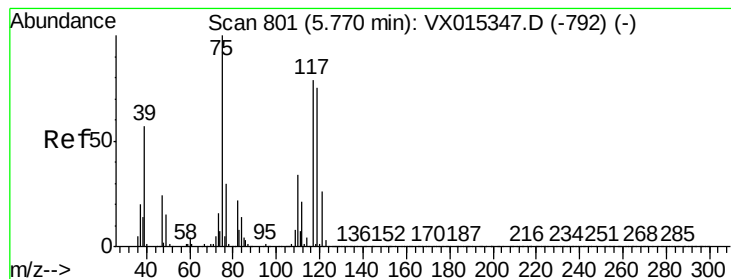


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 22.075 ug/l

RT: 5.77 min Scan# 801

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

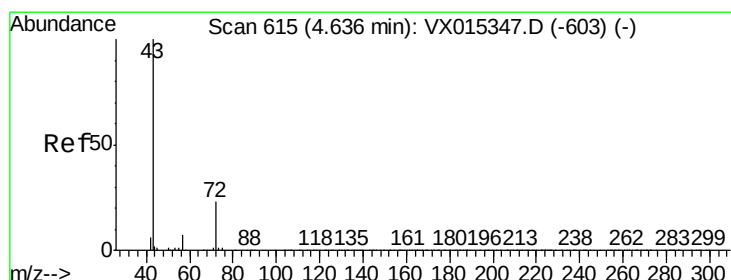
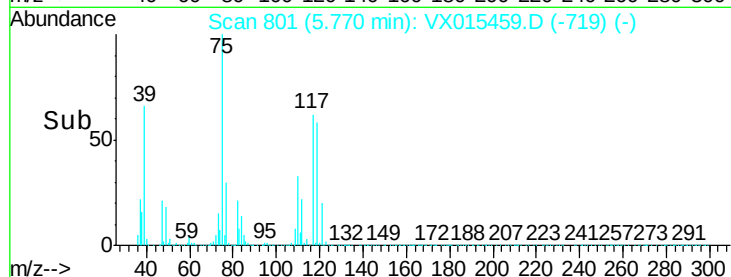
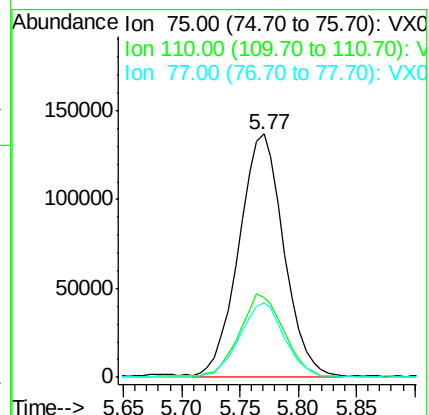
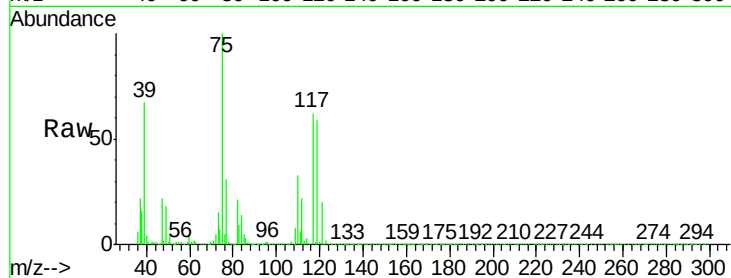
Tot Ion: 75 Resp: 367271

Ion Ratio Lower Upper

75 100

110 33.9 0.0 71.2

77 30.5 0.0 62.2



#30

2-Butanone

Concen: 109.237 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

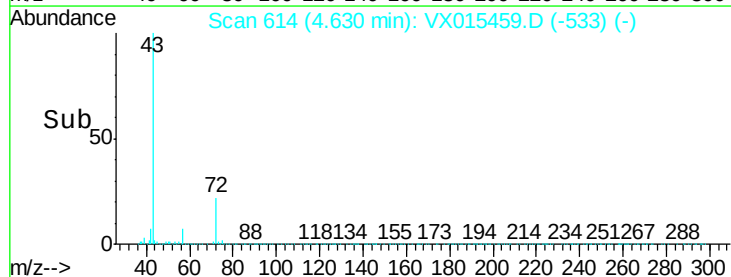
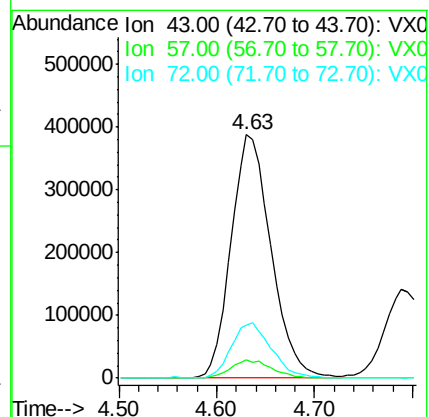
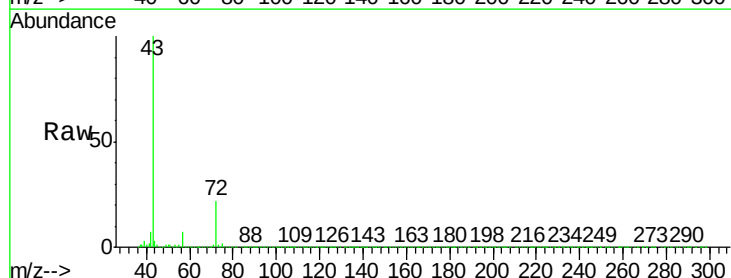
Tgt Ion: 43 Resp: 1089479

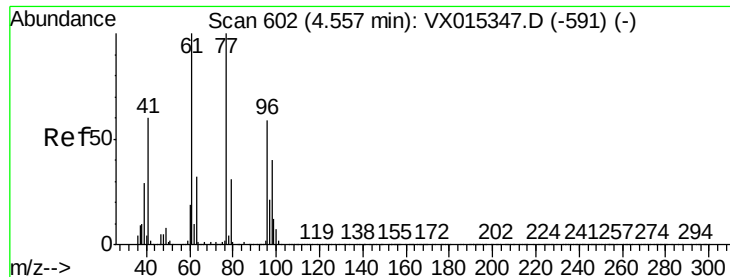
Ion Ratio Lower Upper

43 100

57 7.3 5.9 8.9

72 22.6 18.6 27.8





#31

2,2-Dichloropropane

Concen: 22.630 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

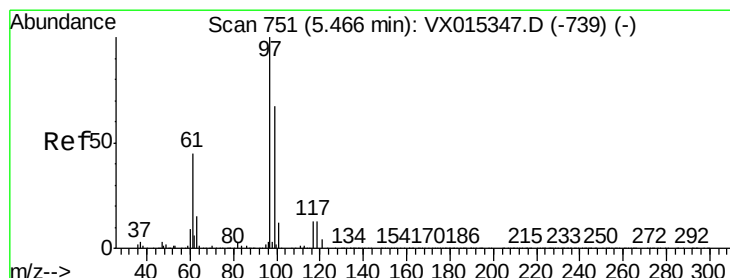
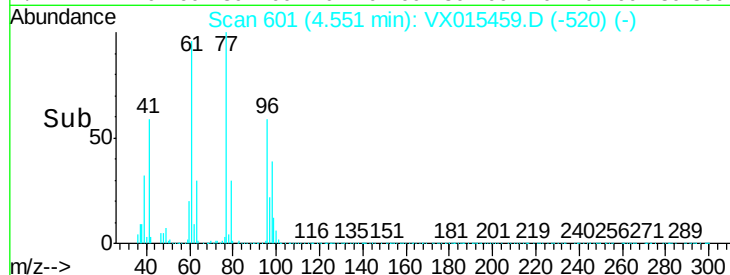
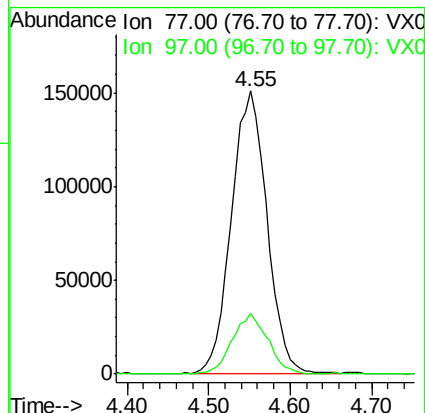
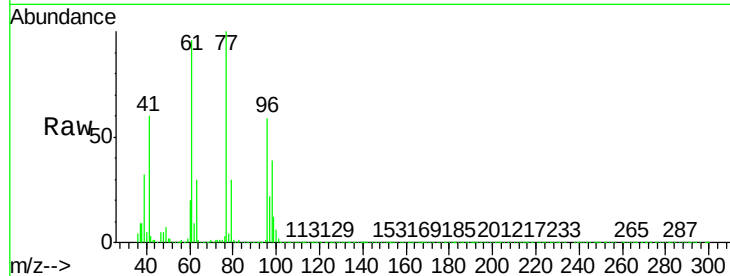
VSTDCCC020

Tot Ion: 77 Resp: 453086

Ion Ratio Lower Upper

77 100

97 21.2 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 21.317 ug/l

RT: 5.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

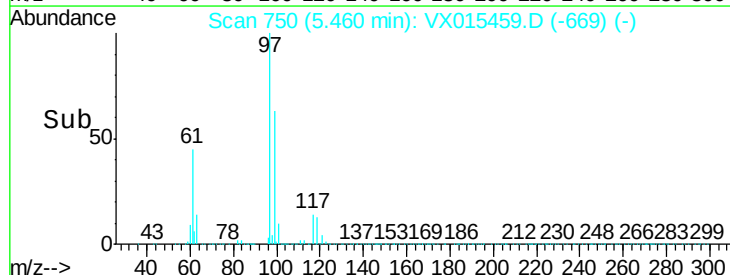
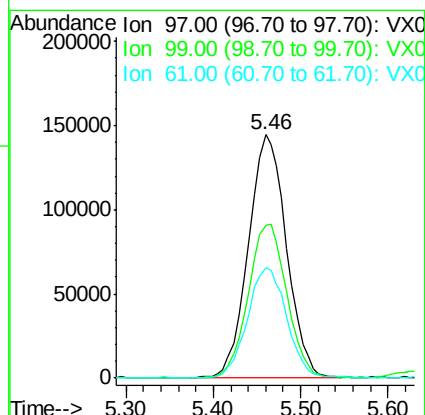
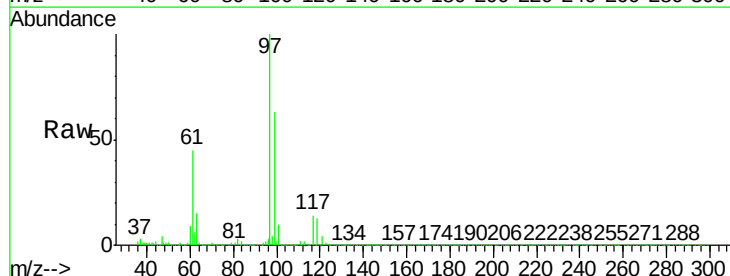
Tgt Ion: 97 Resp: 432717

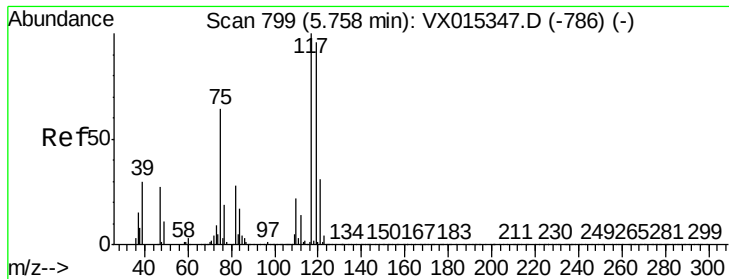
Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.4

61 46.6 35.8 53.8

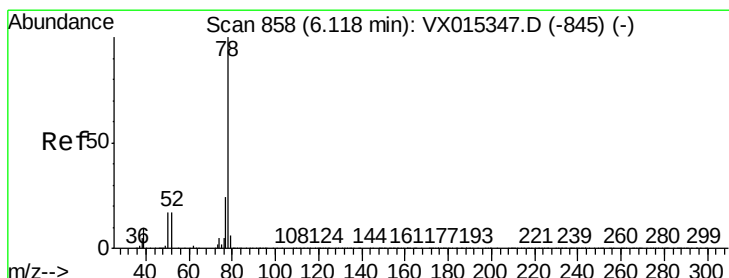
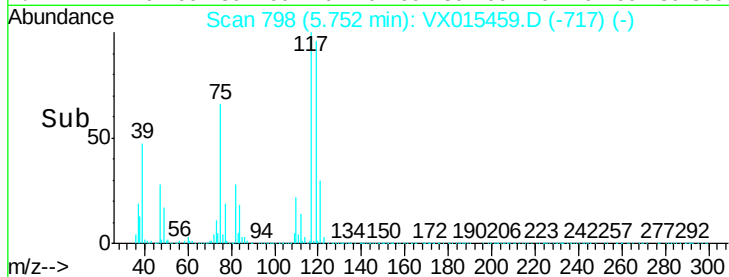
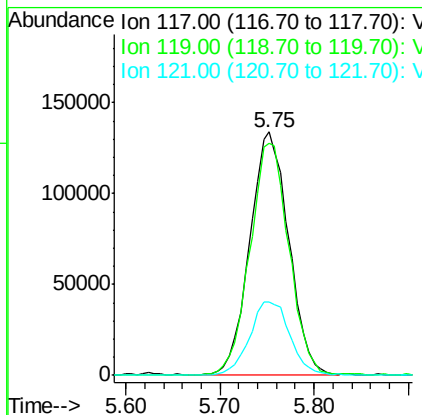
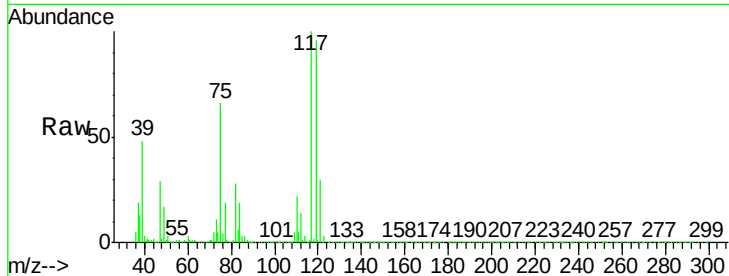




#33
Carbon Tetrachloride
Concen: 20.885 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

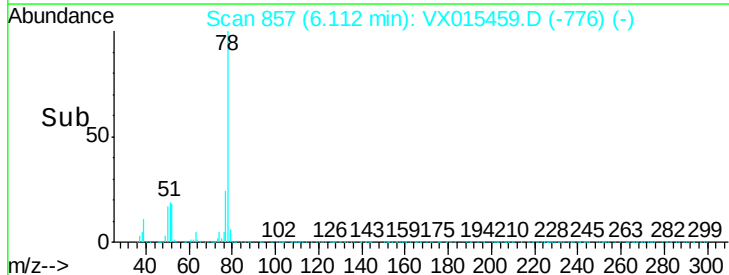
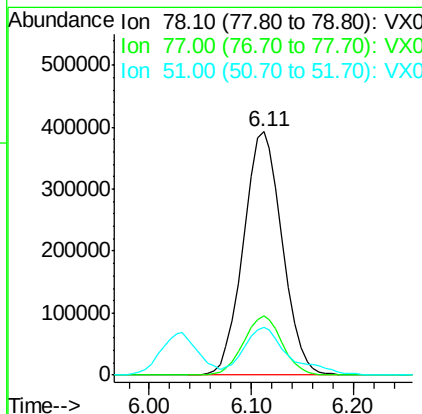
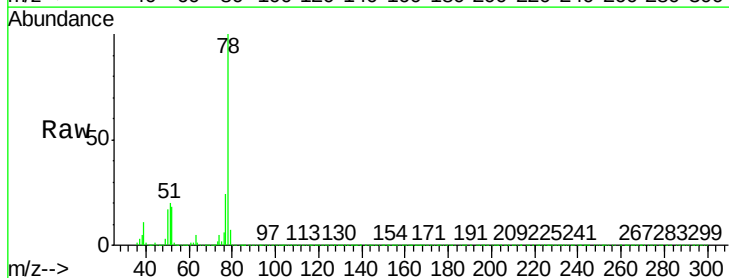
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

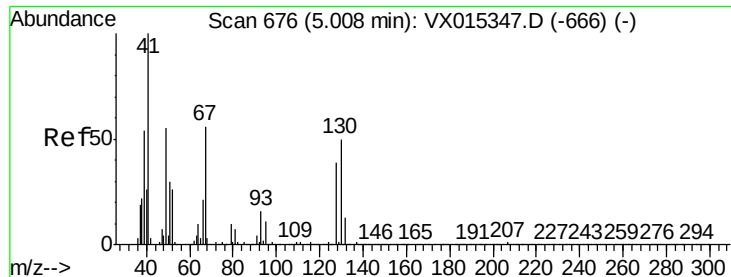
Tot Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.6	114.8
121	29.6	25.0	37.4



#34
Benzene
Concen: 21.651 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.2
51	18.1	14.6	21.8

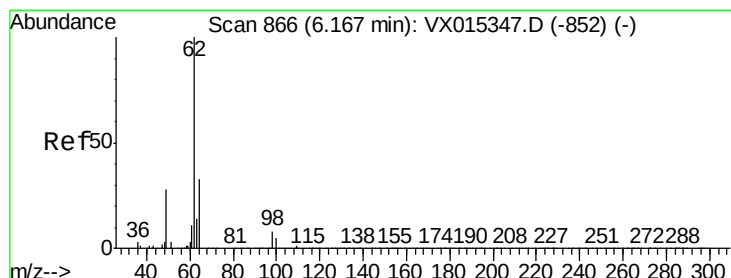
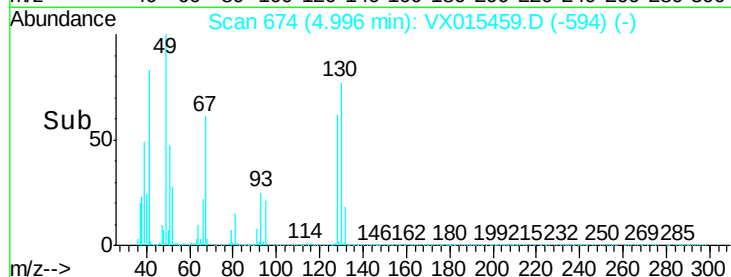
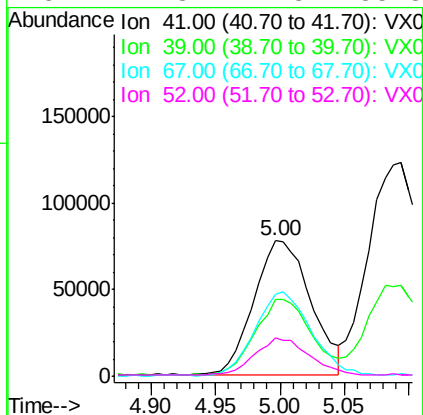
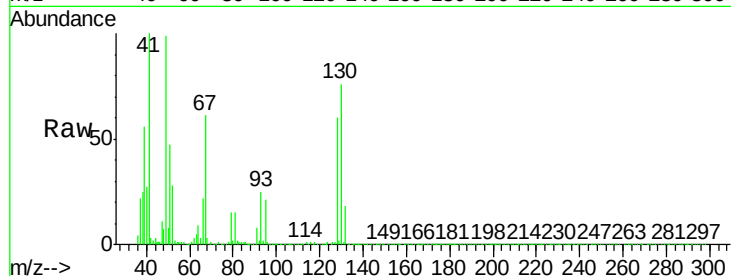




#35
Methacrylonitrile
Concen: 21.037 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

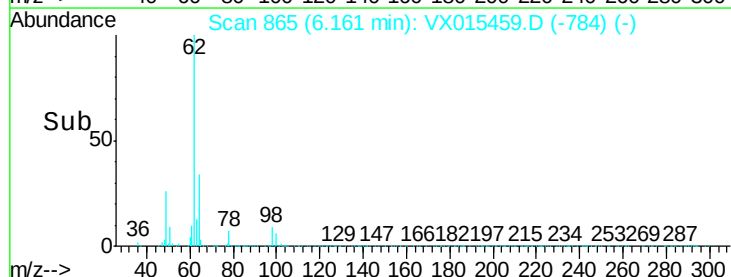
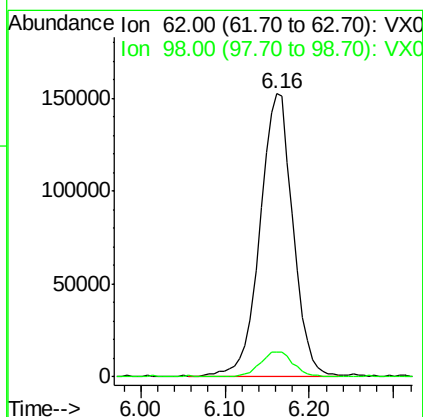
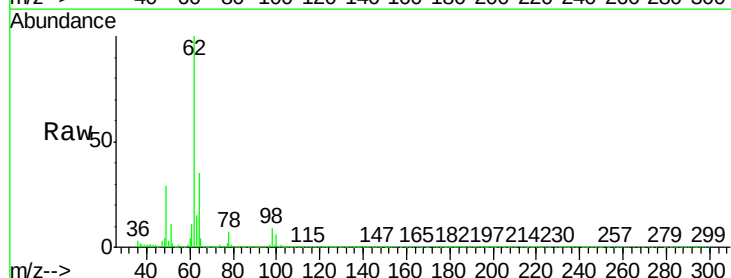
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

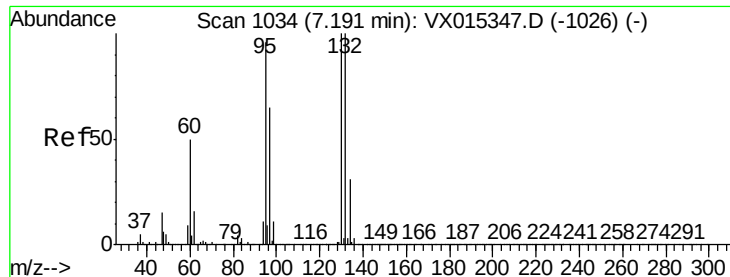
Tot Ion:	41	Resp:	237932
Ion	Ratio	Lower	Upper
41	100		
39	55.7	27.0	81.0
67	60.3	28.2	84.6
52	27.8	12.8	38.3



#36
1,2-Dichloroethane
Concen: 22.044 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion:	62	Resp:	408458
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.9	10.3





#37

Trichloroethene

Concen: 21.399 ug/l

RT: 7.18 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

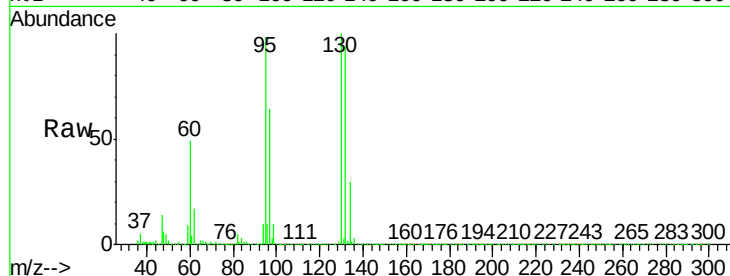
VSTDCCC020

Tot Ion:130 Resp: 288921

Ion Ratio Lower Upper

130 100

95 98.2 76.4 114.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.18

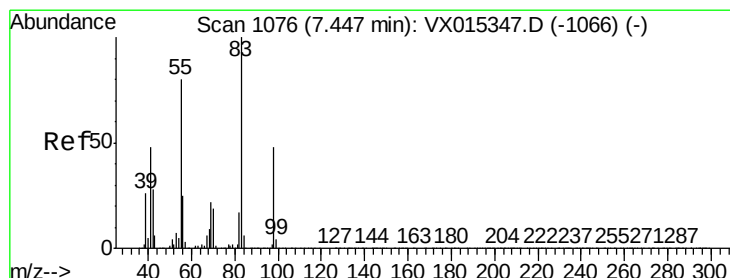
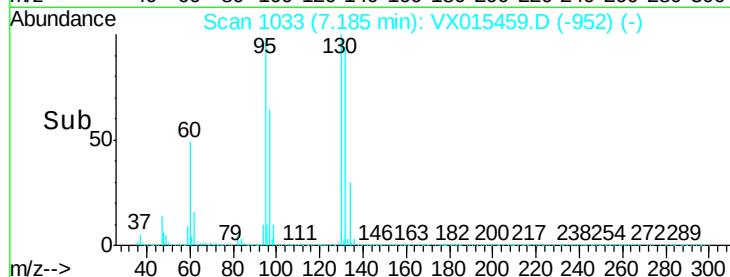
150000

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 22.016 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

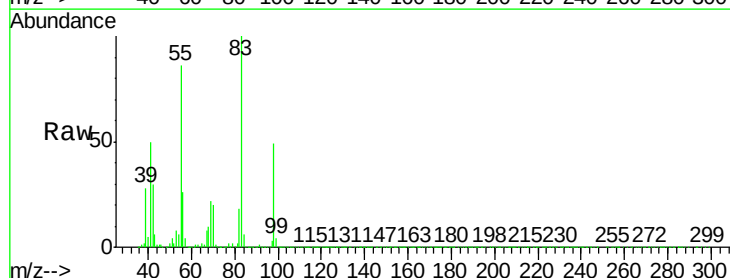
Tgt Ion: 83 Resp: 449024

Ion Ratio Lower Upper

83 100

55 83.9 41.3 124.1

98 48.0 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

7.44

250000

200000

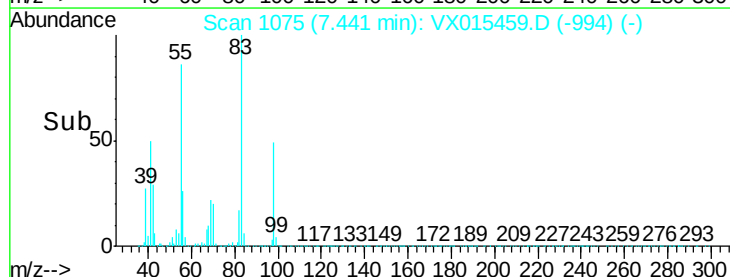
150000

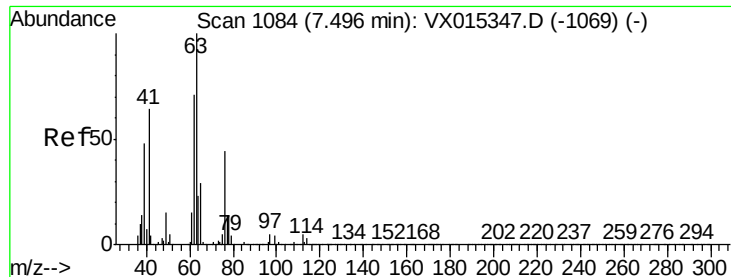
100000

50000

0

Time-->





#39

1,2-Dichloropropane

Concen: 21.443 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

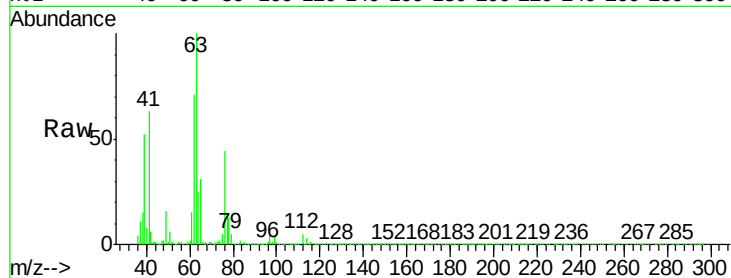
VSTDCCC020

Tot Ion: 63 Resp: 276177

Ion Ratio Lower Upper

63 100

65 30.7 23.0 34.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.49

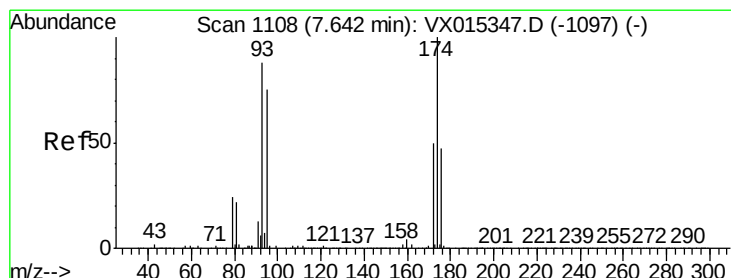
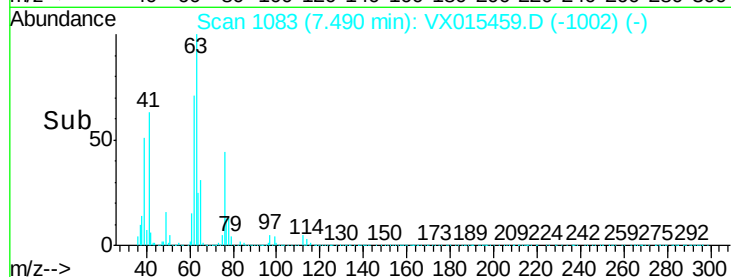
150000

100000

50000

0

Time-->



#40

Dibromomethane

Concen: 20.853 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

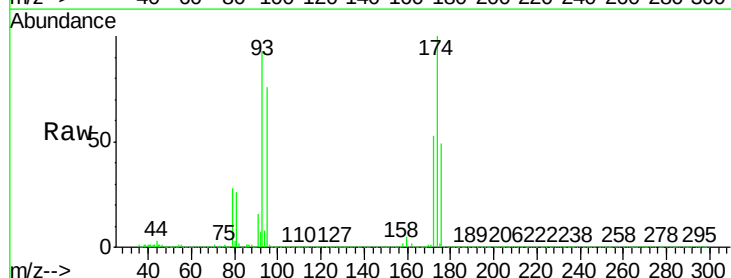
Tgt Ion: 93 Resp: 178768

Ion Ratio Lower Upper

93 100

95 81.8 0.0 166.4

174 107.0 0.0 225.4



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

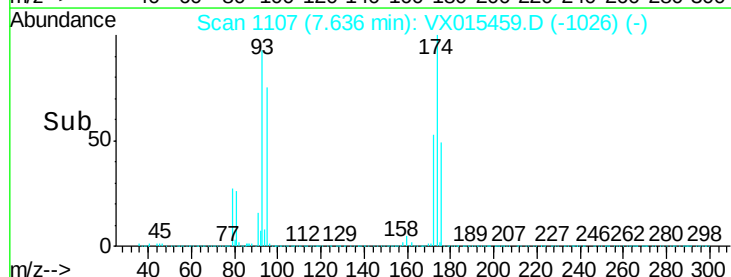
7.64

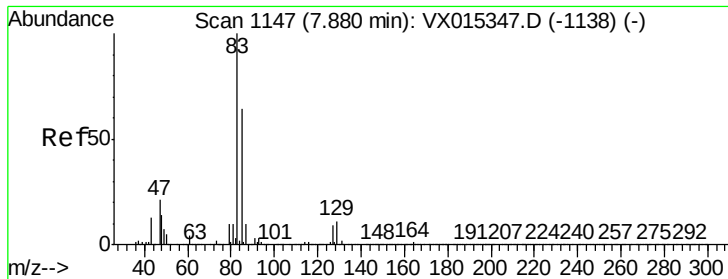
100000

50000

0

Time-->





#41

Bromodichloromethane

Concen: 21.254 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

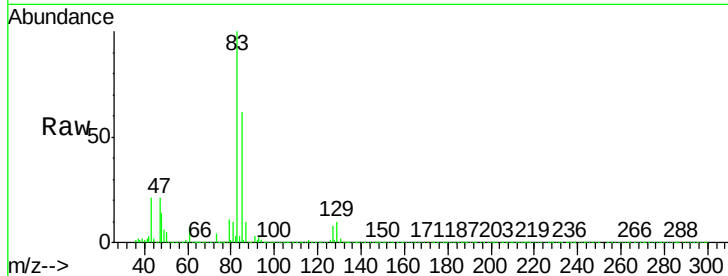
Tot Ion: 83 Resp: 395991

Ion Ratio Lower Upper

83 100

85 62.4 51.6 77.4

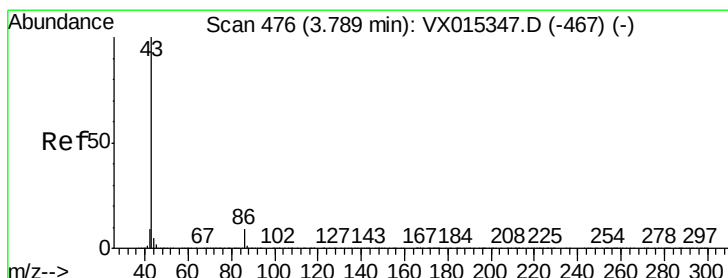
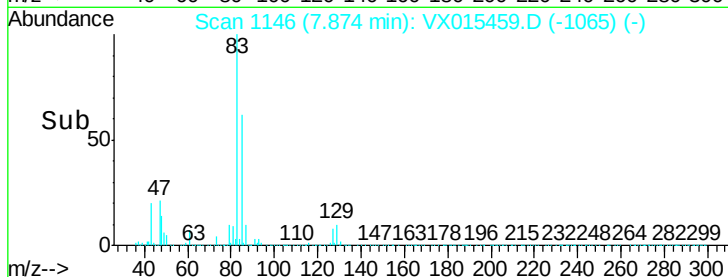
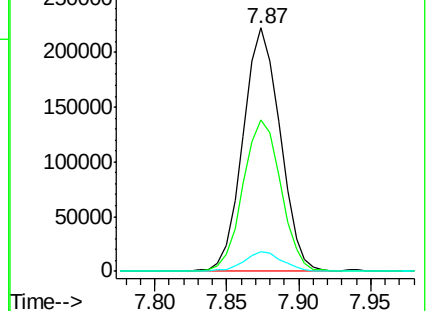
127 7.8 7.0 10.4



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: 112.285 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015459.D

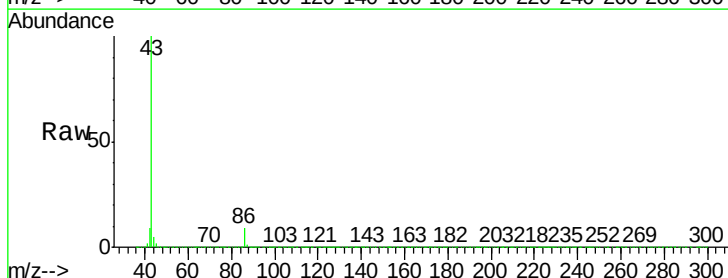
Acq: 01 Apr 2020 11:08

Tgt Ion: 43 Resp: 4243266

Ion Ratio Lower Upper

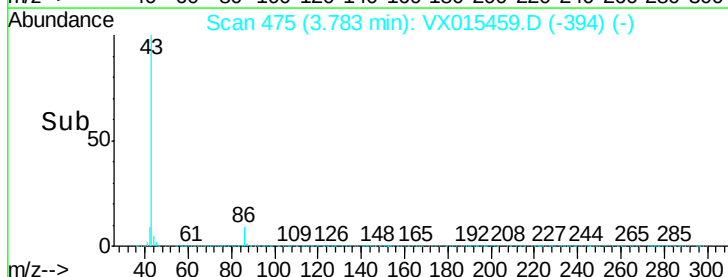
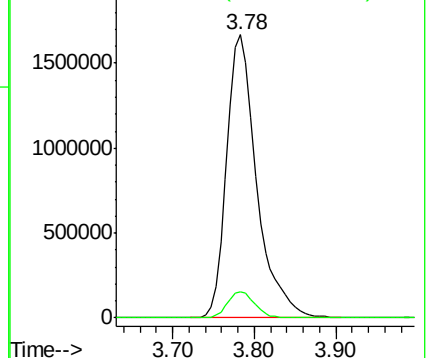
43 100

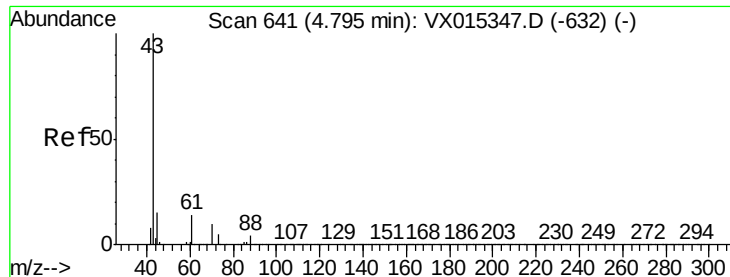
86 8.4 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

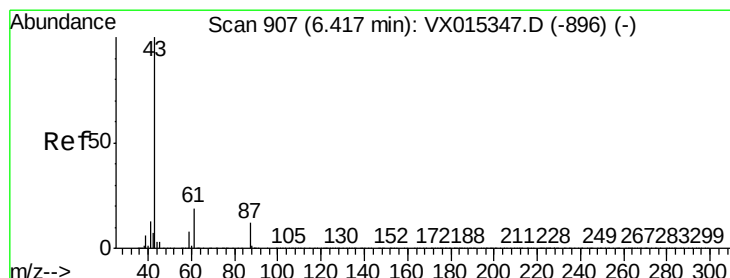
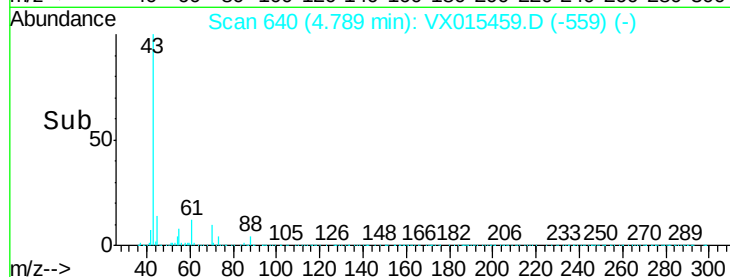
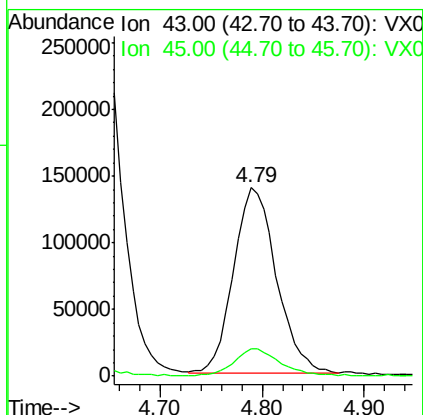
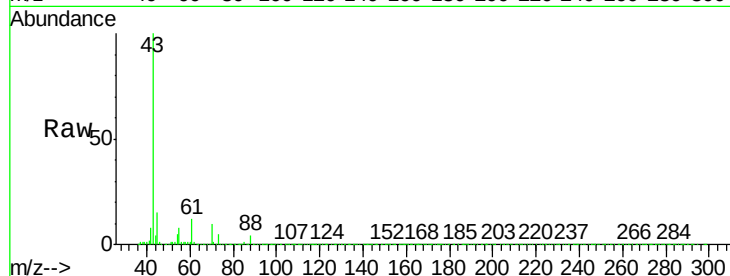




#43
Ethyl Acetate
Concen: 18.696 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

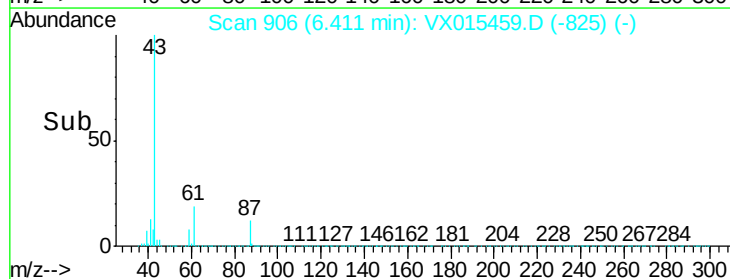
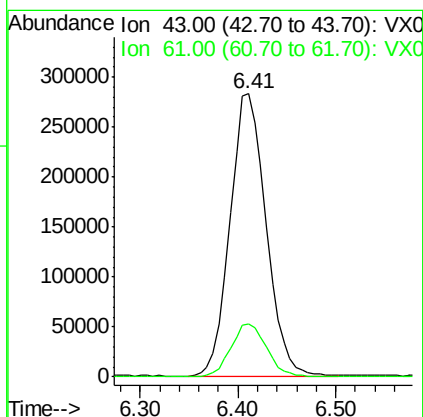
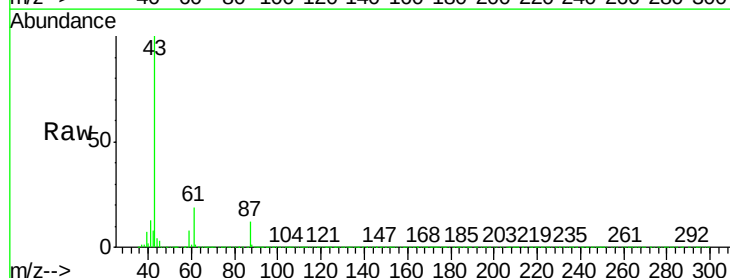
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

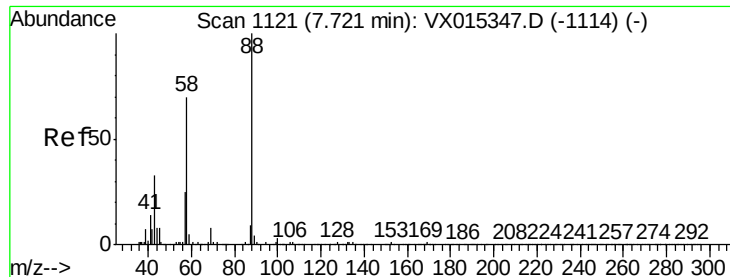
Tot Ion: 43 Resp: 405605
Ion Ratio Lower Upper
43 100
45 15.2 12.2 18.4



#44
Isopropyl Acetate
Concen: 20.676 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion: 43 Resp: 721889
Ion Ratio Lower Upper
43 100
61 18.9 14.6 22.0





#45

1,4-Dioxane

Concen: 418.461 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

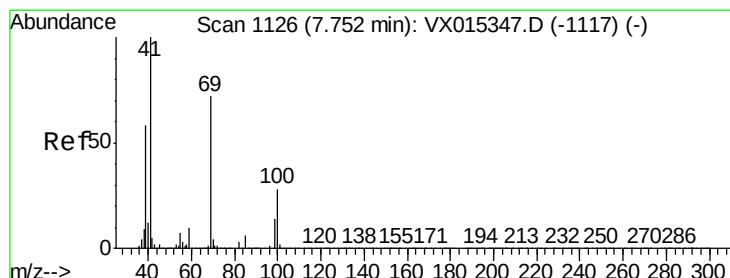
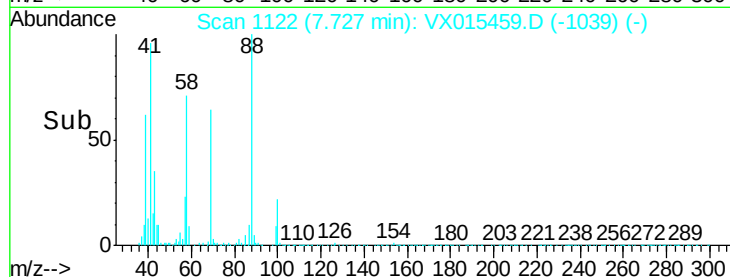
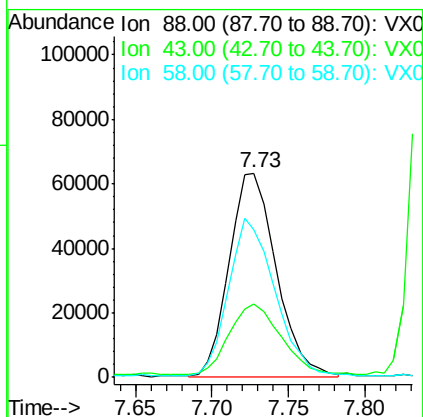
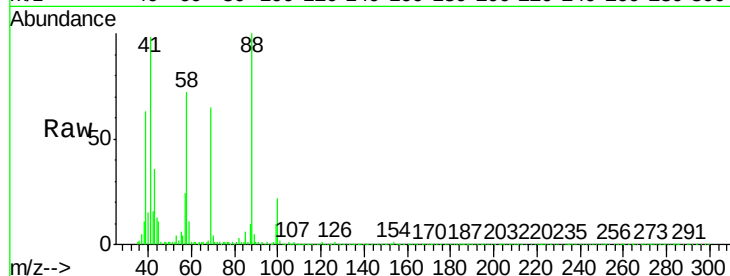
Tot Ion: 88 Resp: 134594

Ion Ratio Lower Upper

88 100

43 38.3 32.1 48.1

58 78.0 59.4 89.0



#46

Methyl methacrylate

Concen: 20.309 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

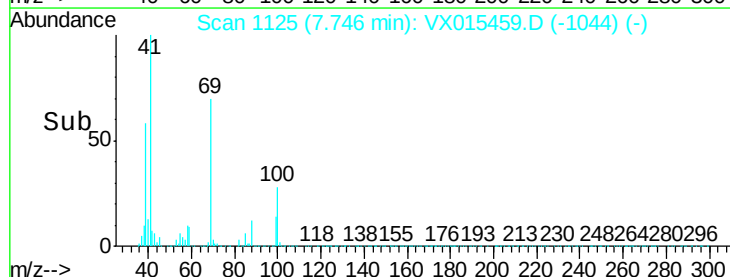
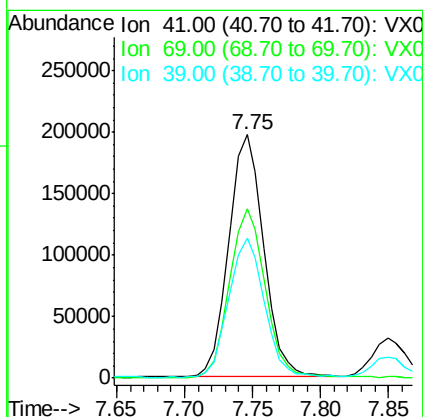
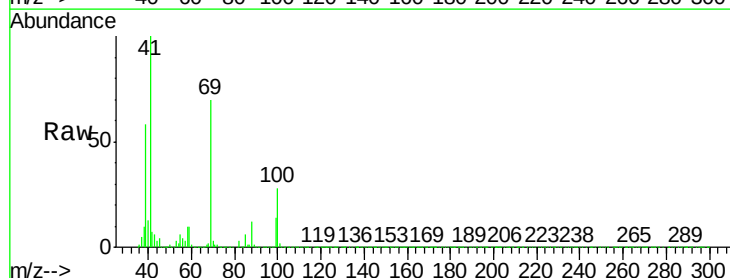
Tgt Ion: 41 Resp: 353850

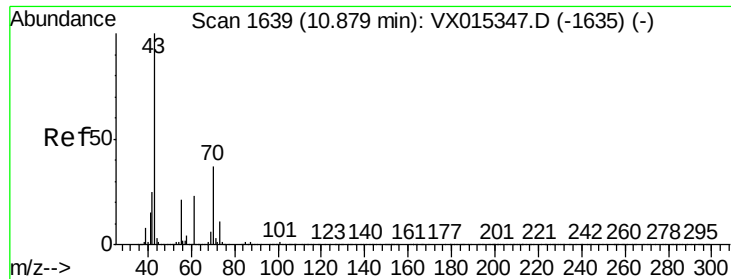
Ion Ratio Lower Upper

41 100

69 69.9 35.8 107.4

39 57.3 28.9 86.8

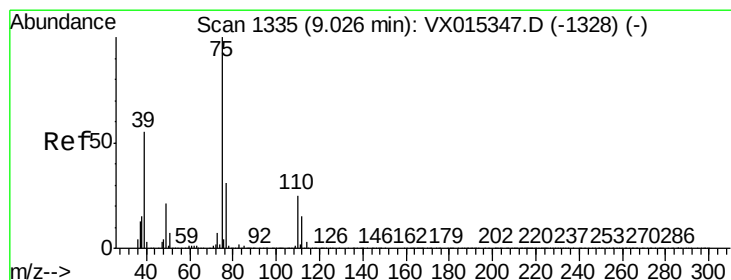
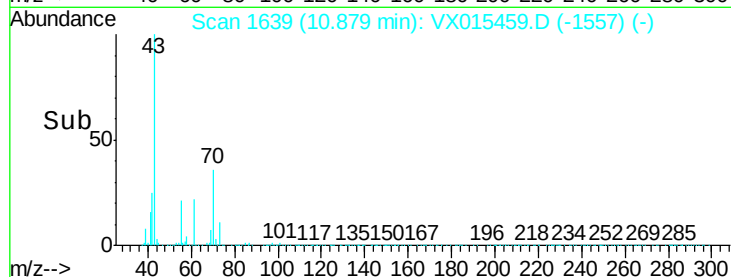
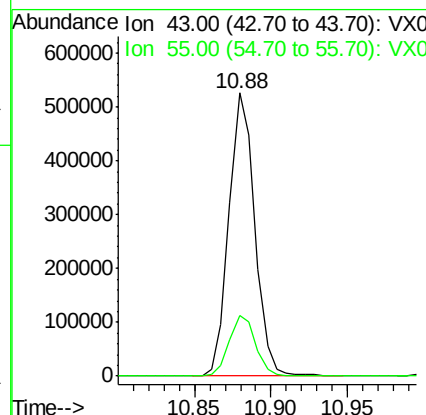
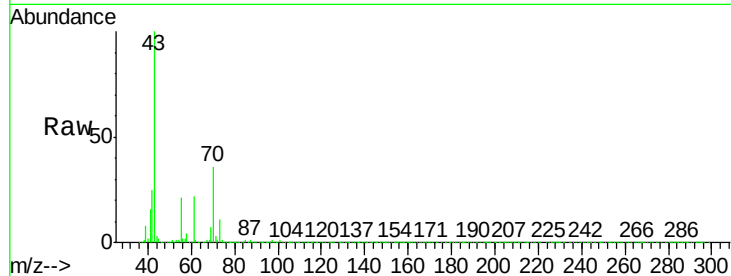




#47
n-amvl Acetate
Concen: 20.377 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

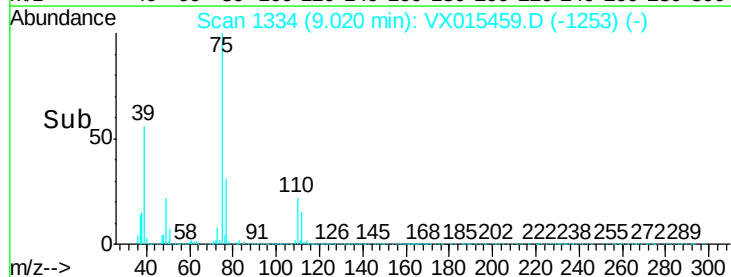
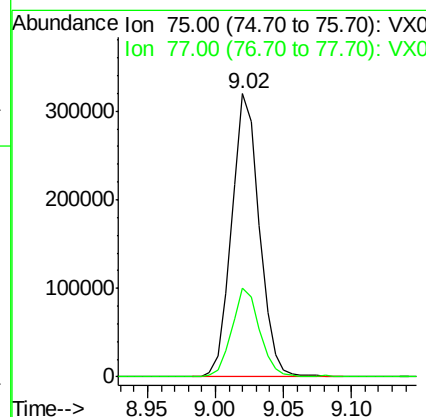
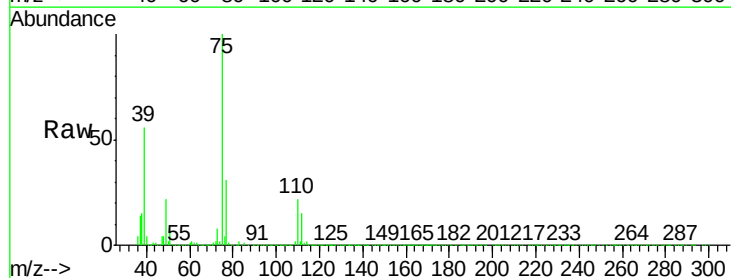
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

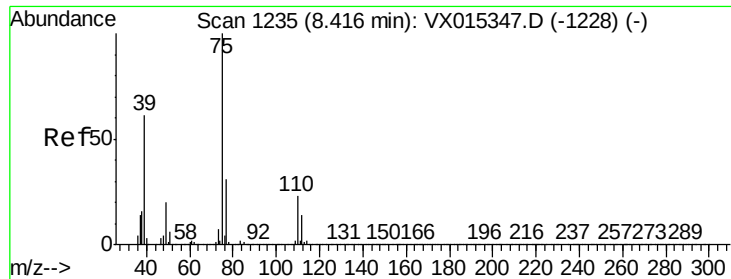
Tot Ion: 43 Resp: 613432
Ion Ratio Lower Upper
43 100
55 21.6 17.0 25.6



#48
t-1,3-Dichloropropene
Concen: 21.070 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion: 75 Resp: 453166
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 21.685 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

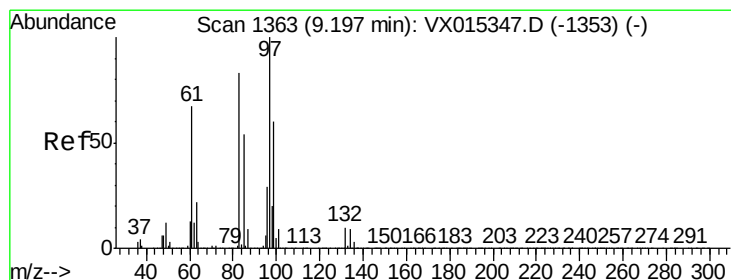
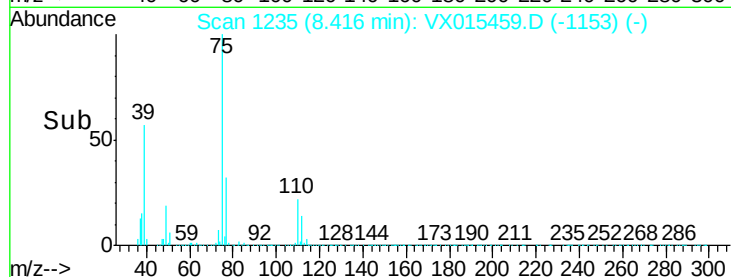
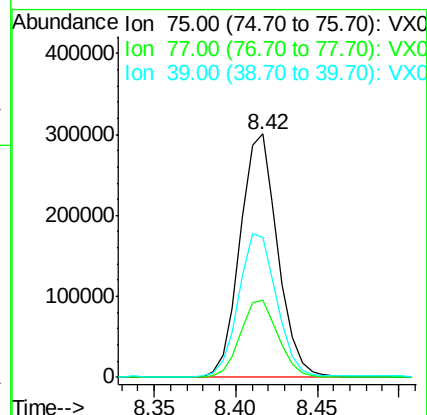
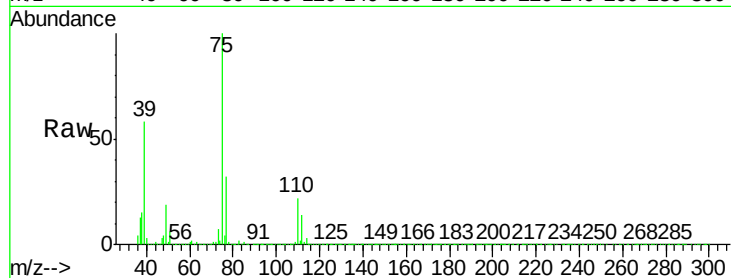
Tot Ion: 75 Resp: 481415

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 57.3 48.9 73.3



#50

1,1,2-Trichloroethane

Concen: 21.284 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Tgt Ion: 97 Resp: 261858

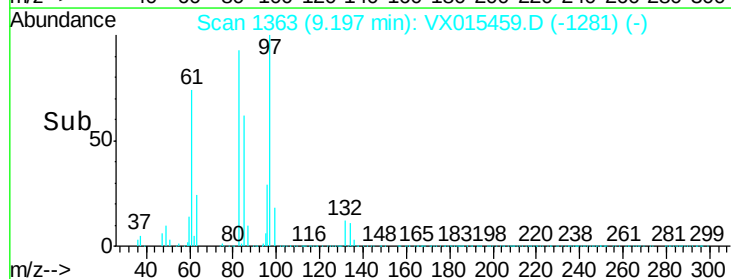
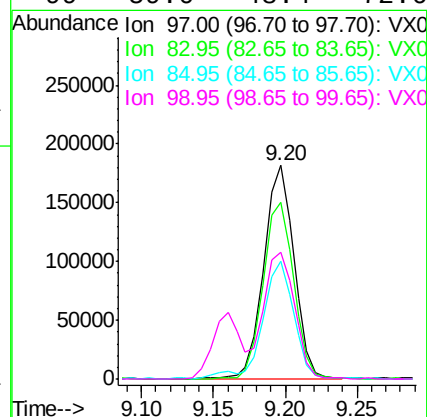
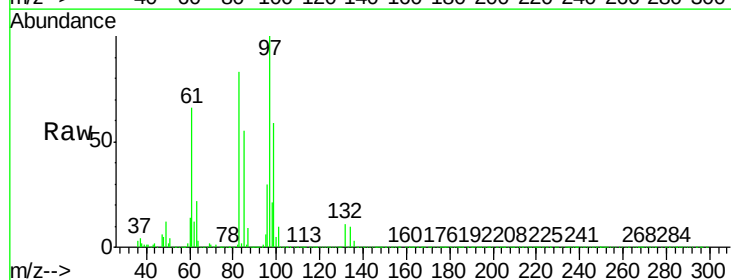
Ion Ratio Lower Upper

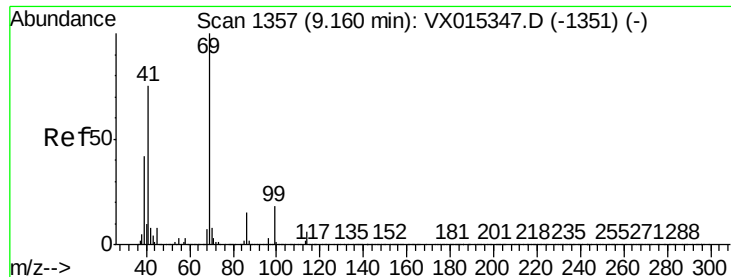
97 100

83 82.5 66.8 100.2

85 55.0 43.3 64.9

99 59.0 48.4 72.6





#51

Ethyl methacrylate

Concen: 20.304 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

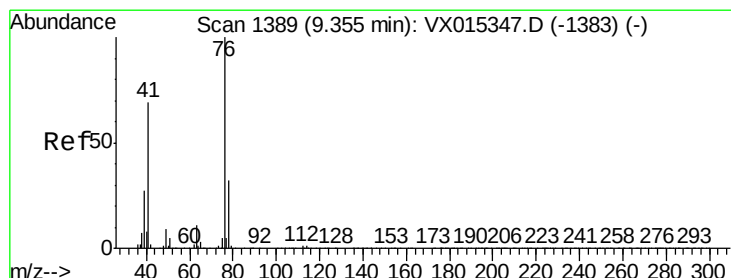
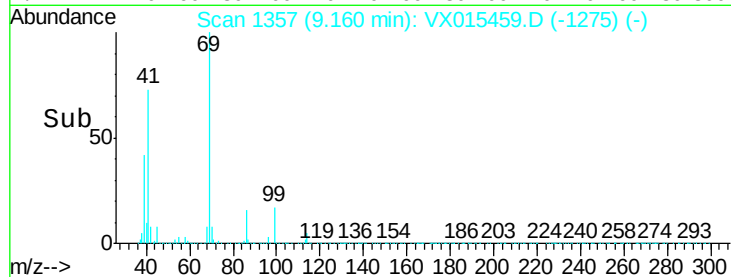
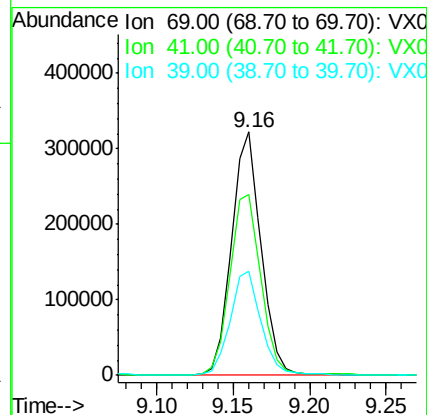
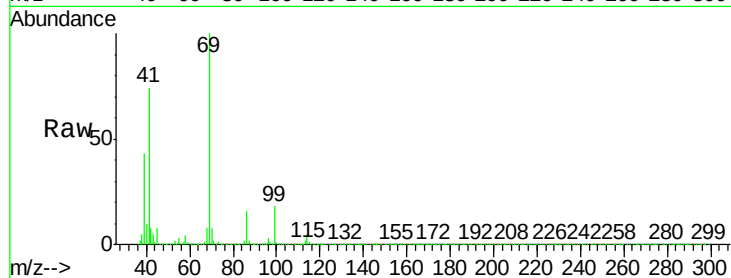
Tot Ion: 69 Resp: 429616

Ion Ratio Lower Upper

69 100

41 74.2 37.4 112.2

39 42.3 21.1 63.1



#52

1,3-Dichloropropane

Concen: 21.392 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015459.D

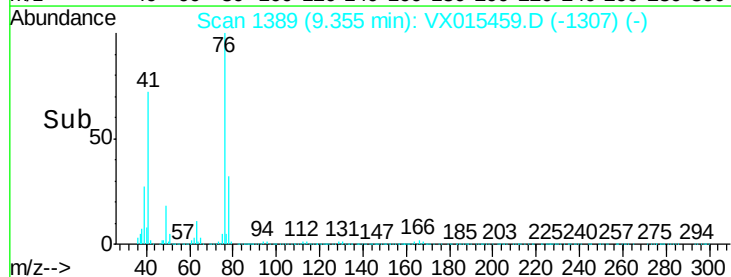
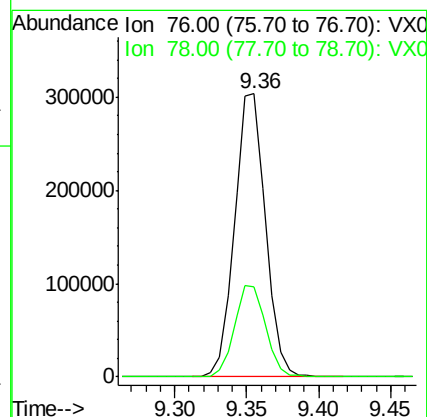
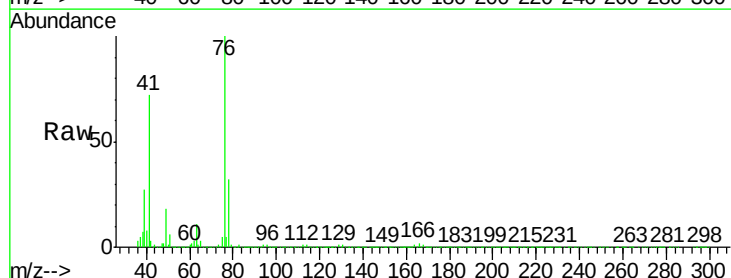
Acq: 01 Apr 2020 11:08

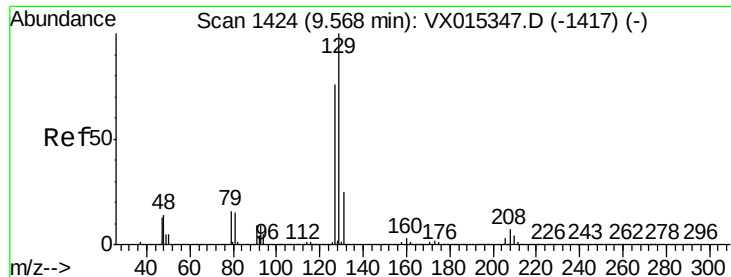
Tgt Ion: 76 Resp: 454571

Ion Ratio Lower Upper

76 100

78 32.7 0.0 63.2





#53

Dibromochloromethane

Concen: 20.327 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

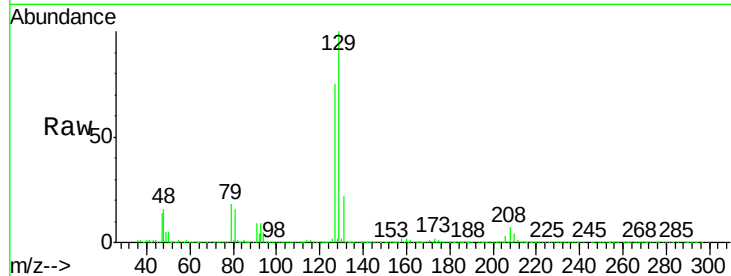
VSTDCCC020

Tot Ion:129 Resp: 308274

Ion Ratio Lower Upper

129 100

127 76.6 38.6 115.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.56

250000

200000

150000

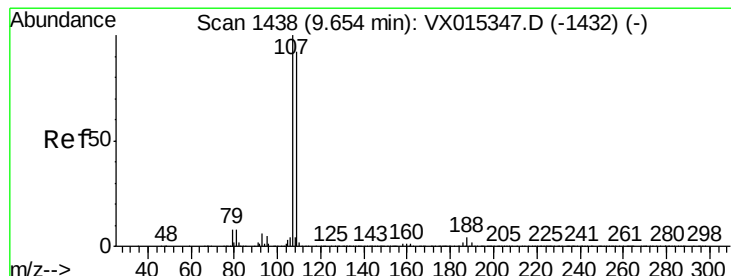
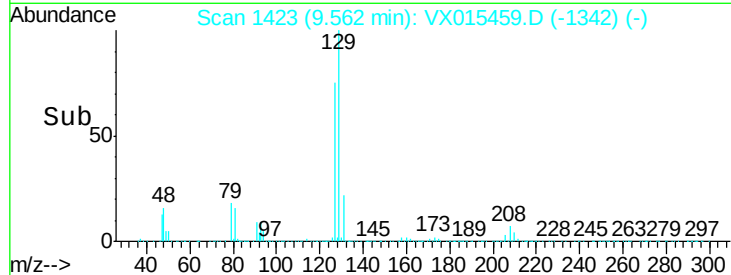
100000

50000

0

9.50 9.55 9.60

Time-->



#54

1,2-Dibromoethane

Concen: 21.063 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015459.D

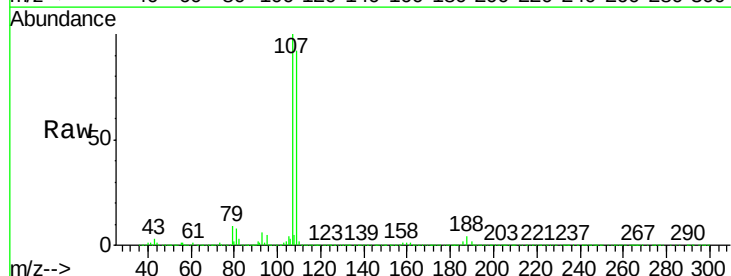
Acq: 01 Apr 2020 11:08

Tgt Ion:107 Resp: 278058

Ion Ratio Lower Upper

107 100

109 91.2 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

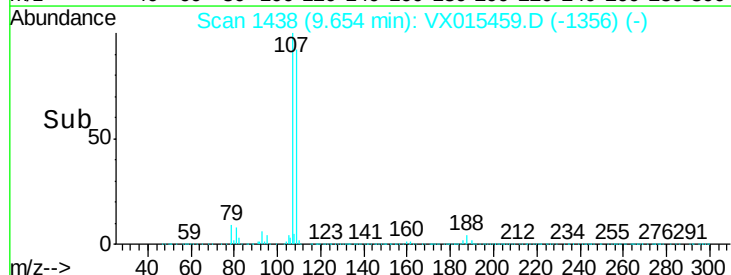
100000

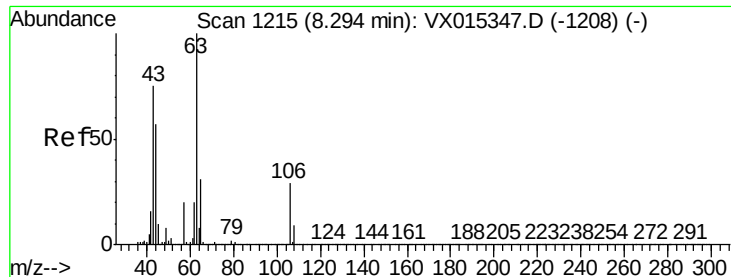
50000

0

9.60 9.65 9.70

Time-->



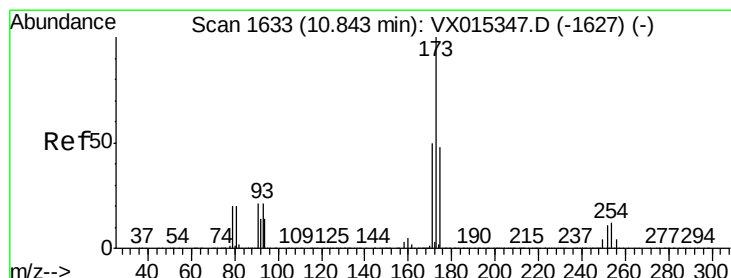
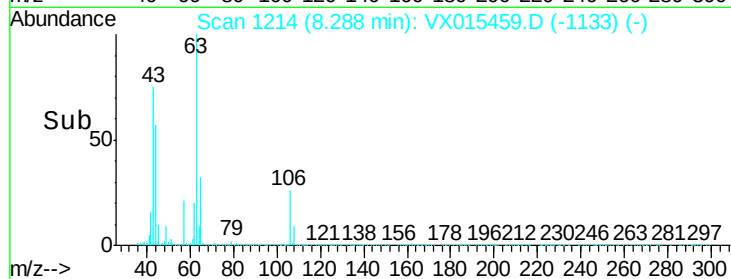
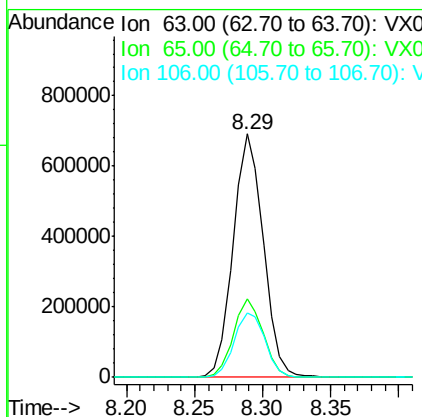
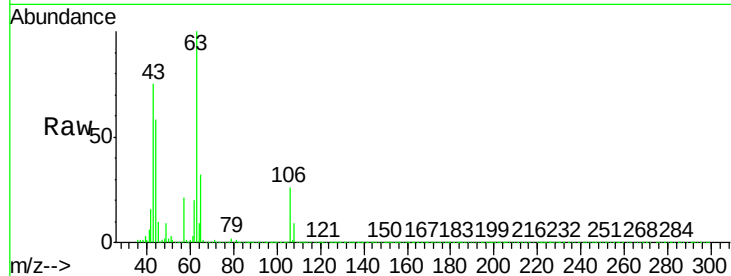


#55
 2-Chloroethyl vinyl ether
 Concen: 106.534 ug/l
 RT: 8.29 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: VX015459.D
 Acq: 01 Apr 2020 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 63 Resp: 1064649

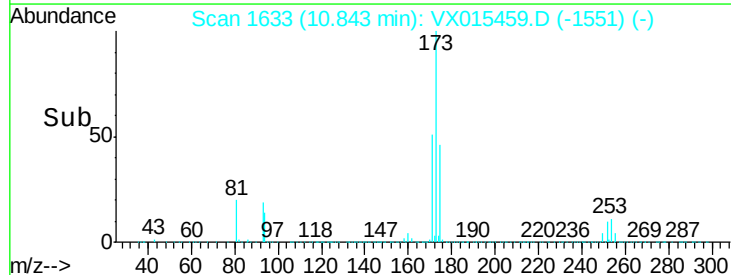
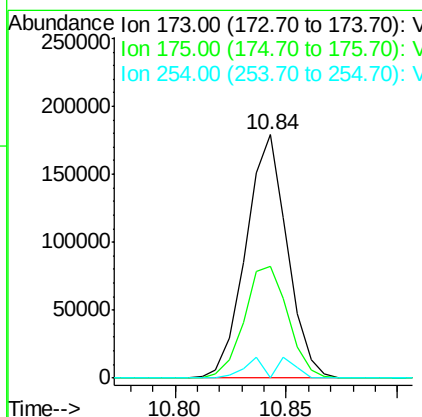
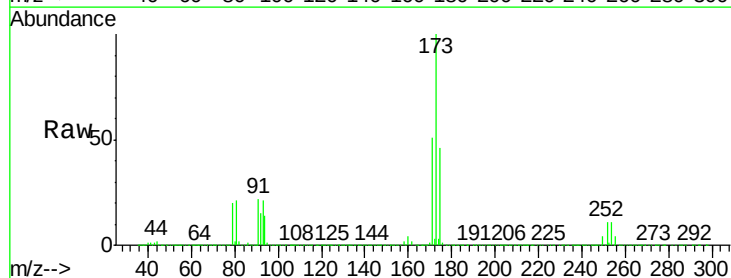
Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.5	38.3
106	27.5	23.1	34.7

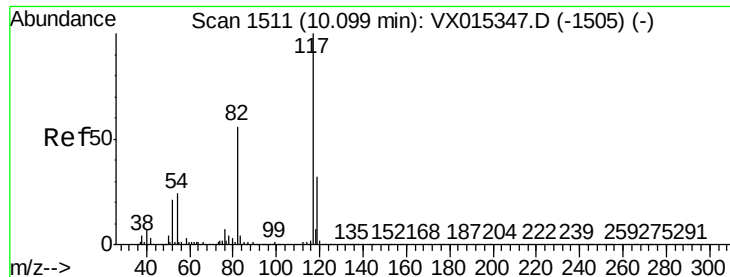


#56
 Bromoform
 Concen: 18.539 ug/l
 RT: 10.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VX015459.D
 Acq: 01 Apr 2020 11:08

Tgt Ion: 173 Resp: 231180

Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.0	58.4
254	3.7	9.4	14.2#

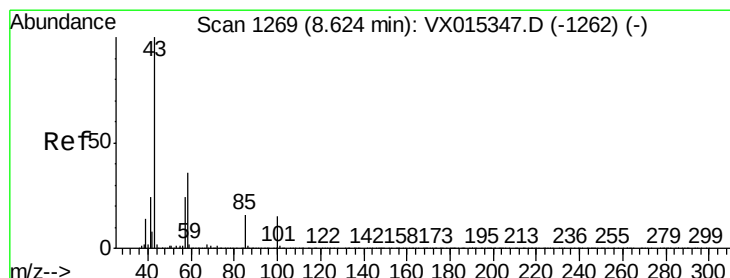
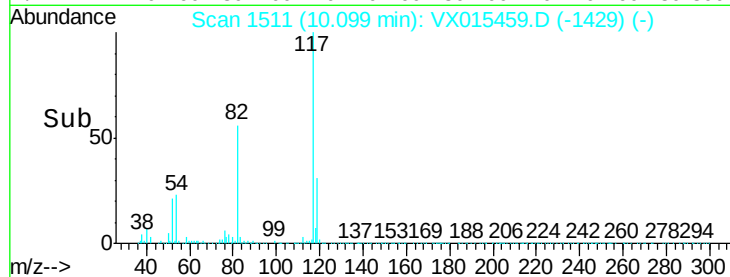
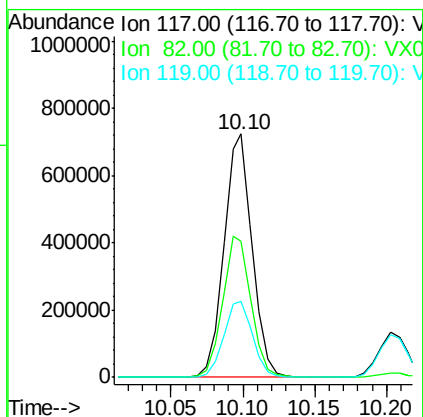
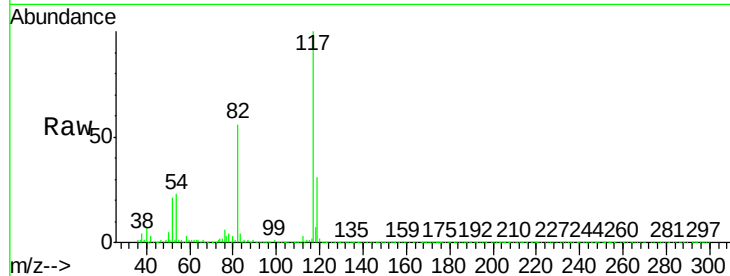




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

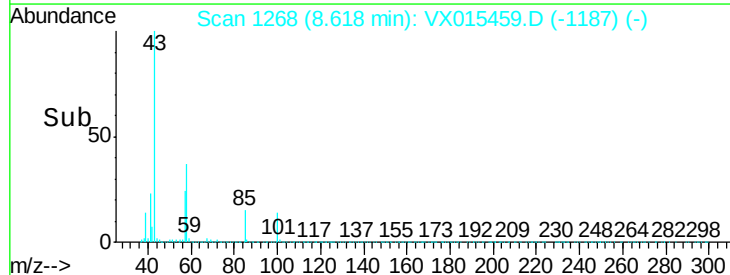
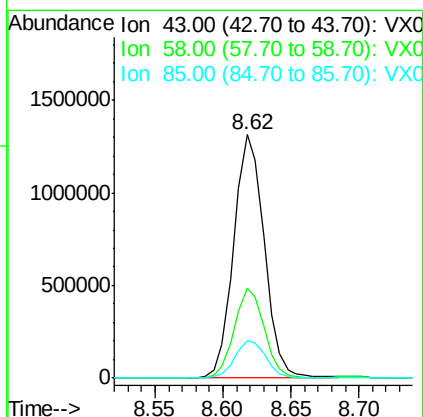
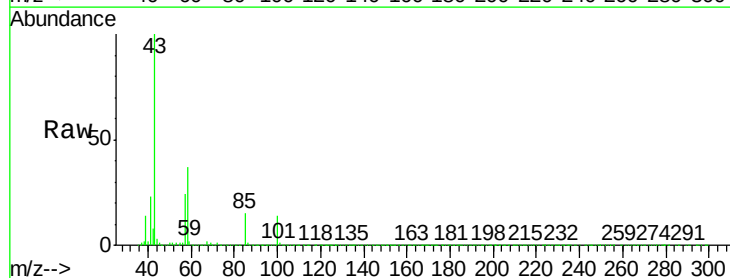
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

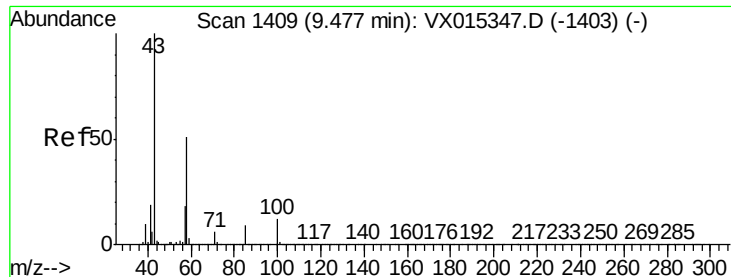
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.0	67.6
119	32.0	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 108.367 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.4	44.0
85	15.6	13.0	19.4

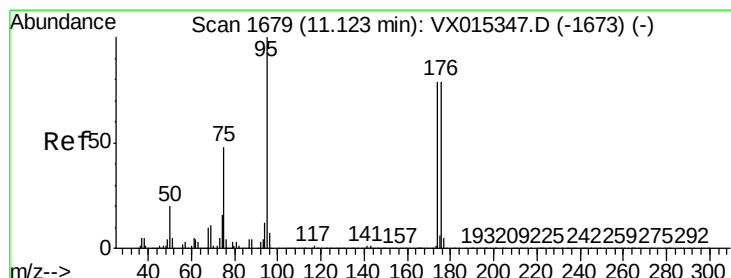
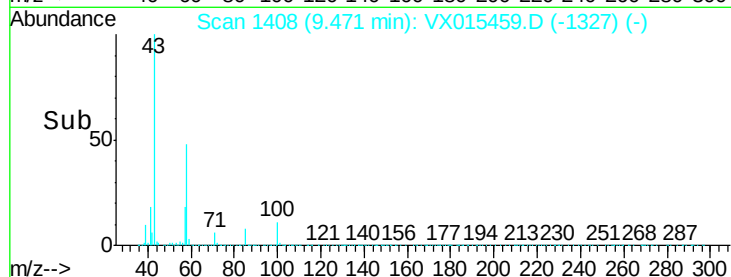
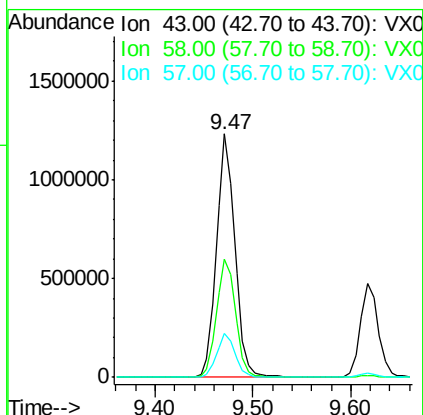
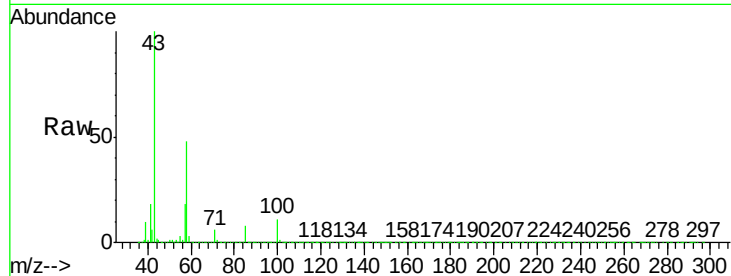




#59
2-Hexanone
Concen: 111.878 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

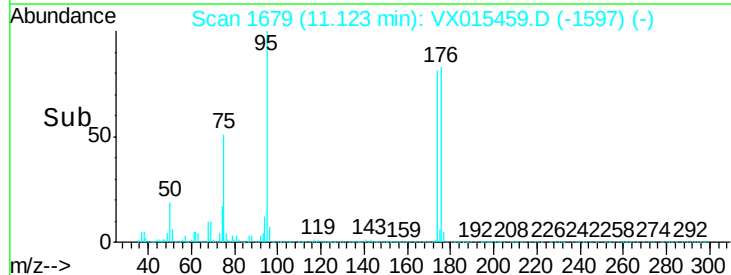
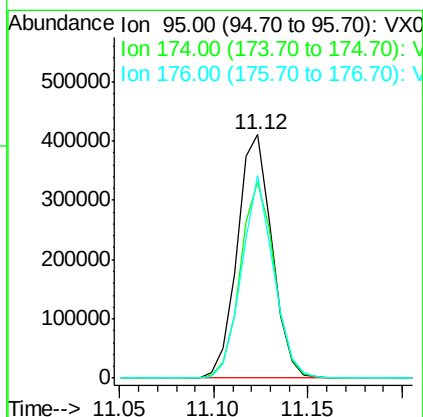
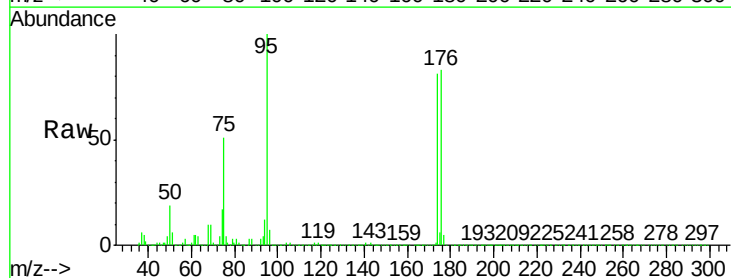
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

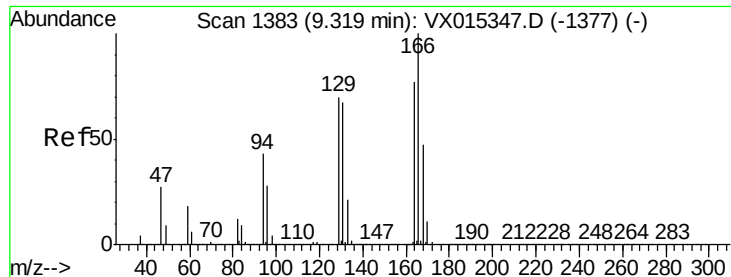
Tot Ion: 43 Resp: 1615152
Ion Ratio Lower Upper
43 100
58 50.2 40.2 60.4
57 18.2 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 30.842 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion: 95 Resp: 523361
Ion Ratio Lower Upper
95 100
174 79.5 66.4 99.6
176 76.6 64.1 96.1





#61

Tetrachloroethene

Concen: 21.587 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 275122

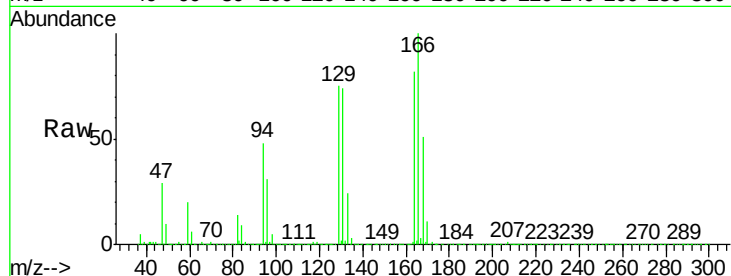
Ion Ratio Lower Upper

164 100

166 121.5 103.6 155.4

129 90.7 72.6 108.8

131 90.0 69.8 104.6

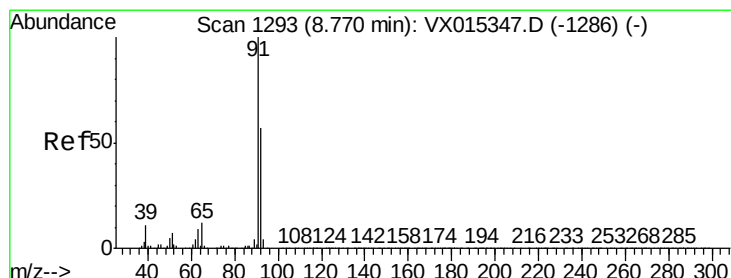
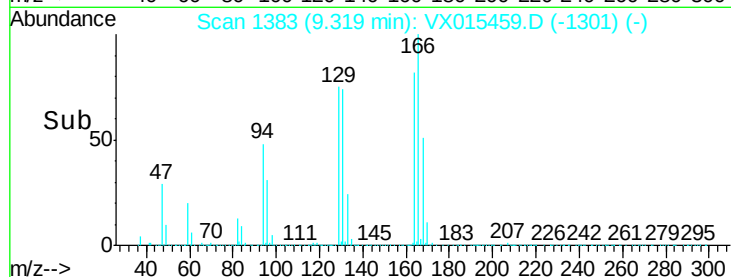
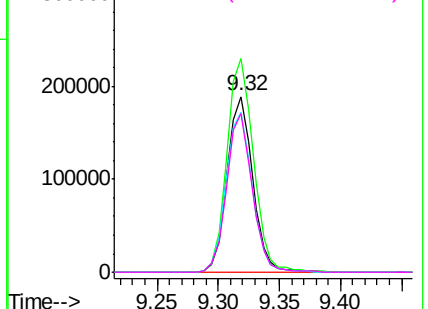


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 22.078 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015459.D

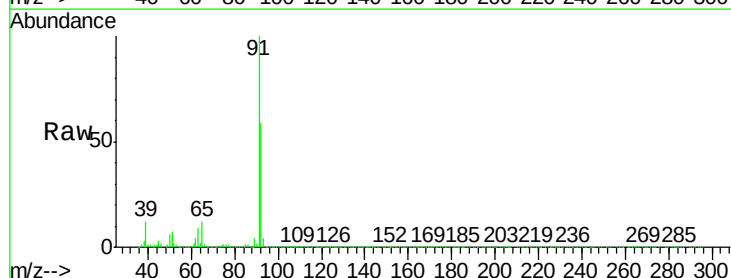
Acq: 01 Apr 2020 11:08

Tgt Ion: 91 Resp: 1108818

Ion Ratio Lower Upper

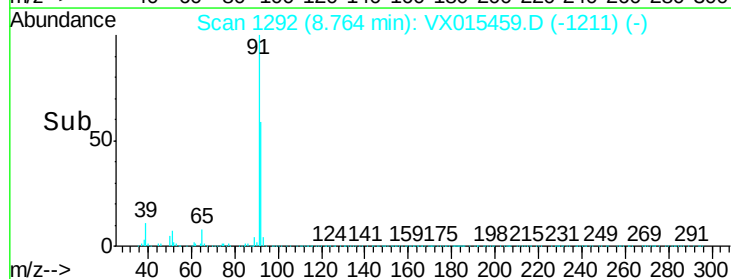
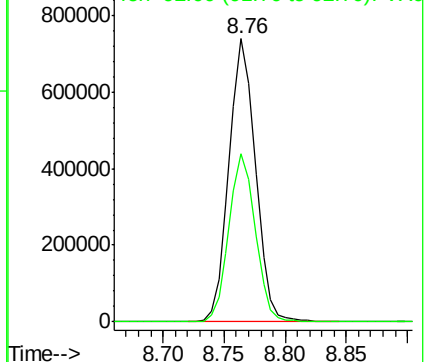
91 100

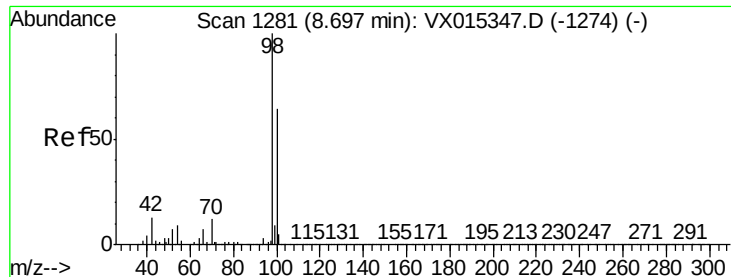
92 59.1 46.7 70.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 31.119 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

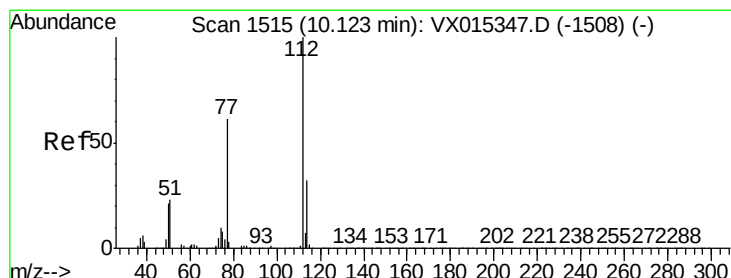
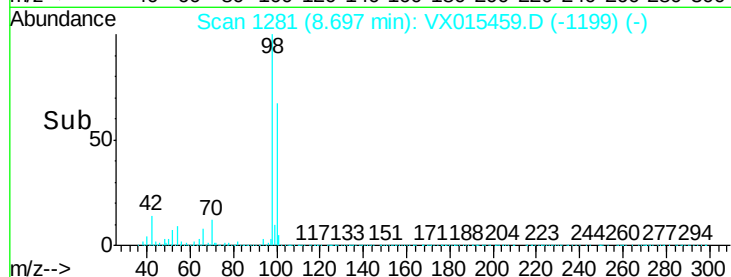
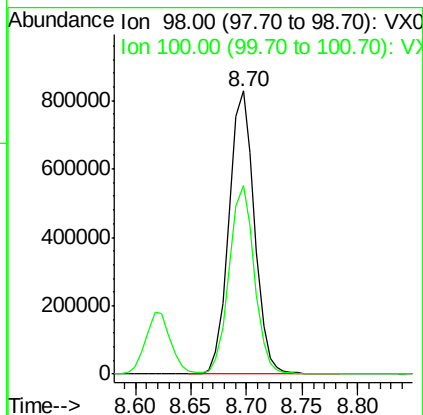
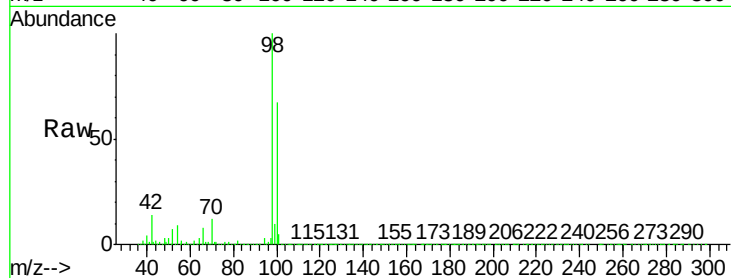
VSTDCCC020

Tot Ion: 98 Resp: 1310911

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



#64

Chlorobenzene

Concen: 21.750 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015459.D

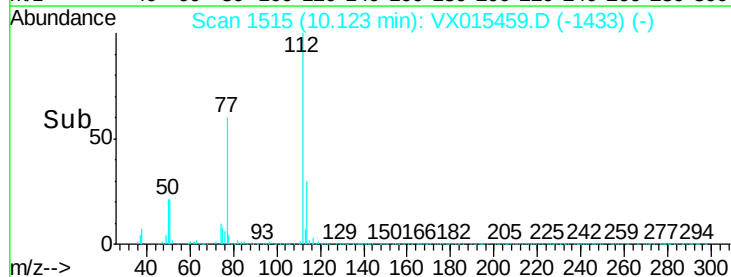
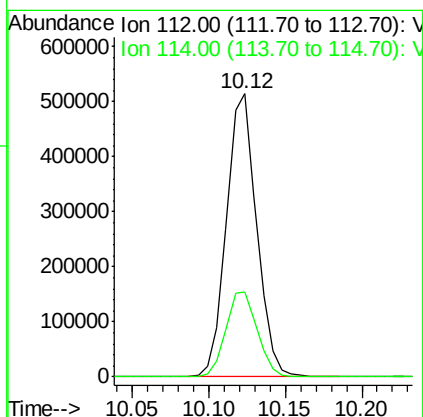
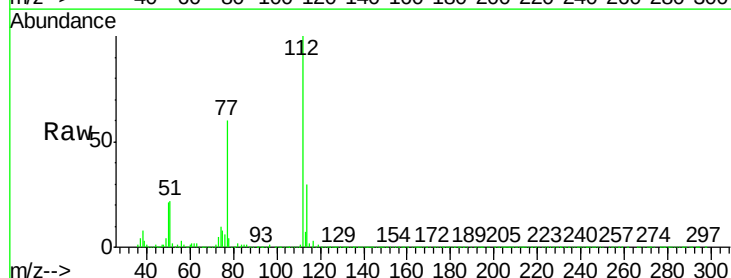
Acq: 01 Apr 2020 11:08

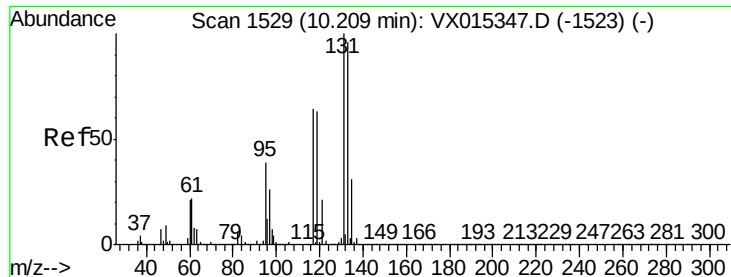
Tgt Ion: 112 Resp: 702303

Ion Ratio Lower Upper

112 100

114 30.0 25.8 38.8

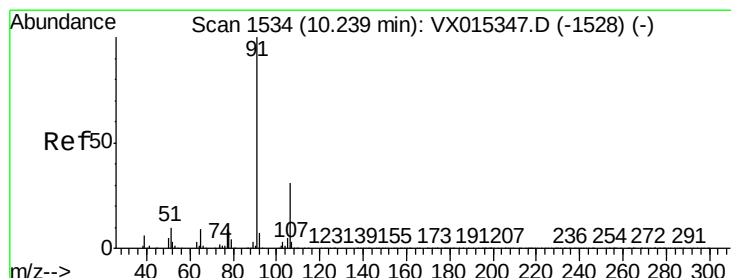
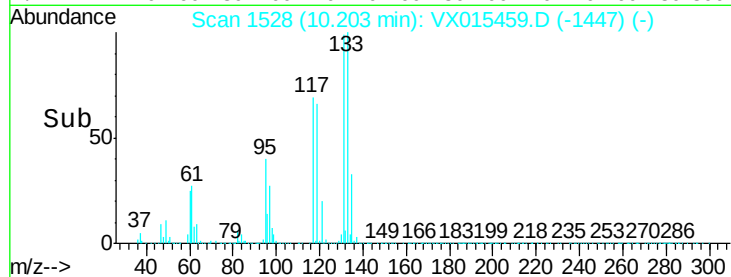
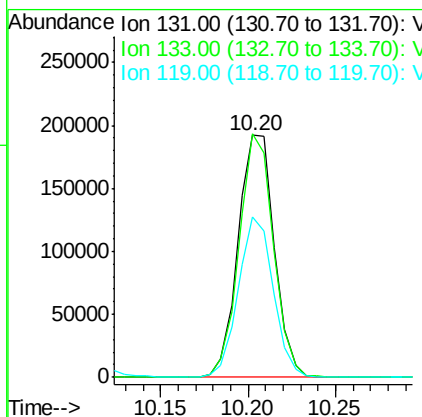
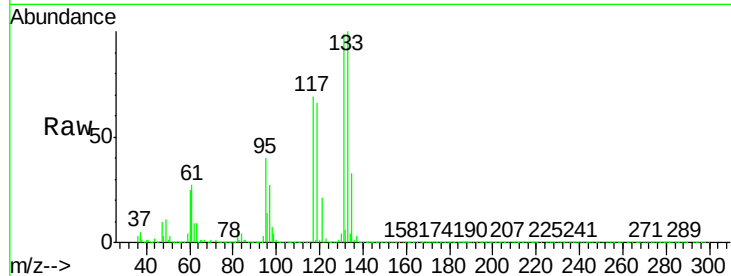




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.932 ug/l
 RT: 10.20 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: VX015459.D
 Acq: 01 Apr 2020 11:08

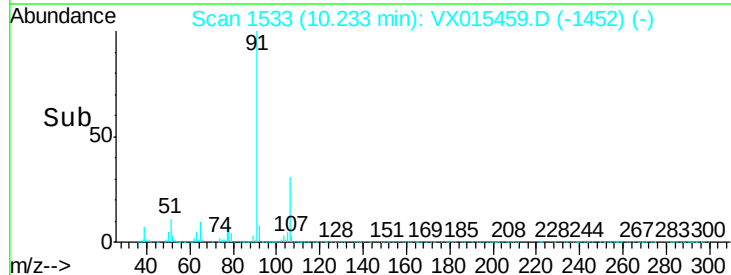
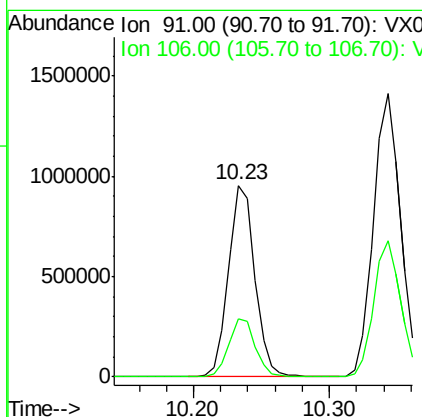
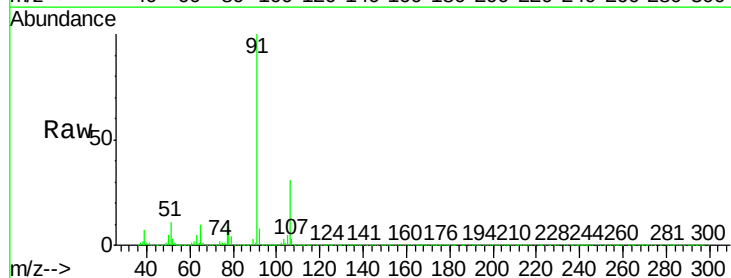
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

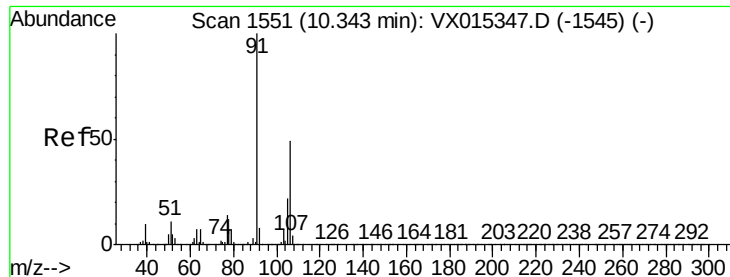
Tot Ion	Ratio	Lower	Upper
131	100		
133	94.8	0.0	193.6
119	63.8	0.0	128.0



#66
 Ethyl Benzene
 Concen: 22.415 ug/l
 RT: 10.23 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VX015459.D
 Acq: 01 Apr 2020 11:08

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.0	37.6

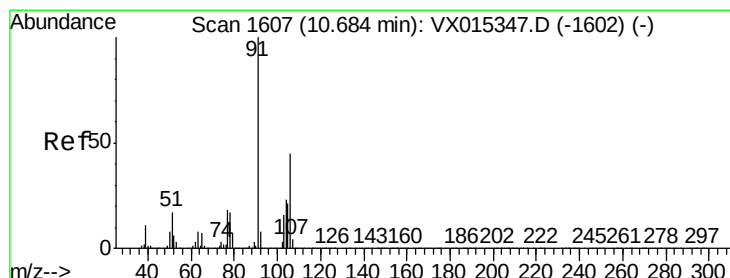
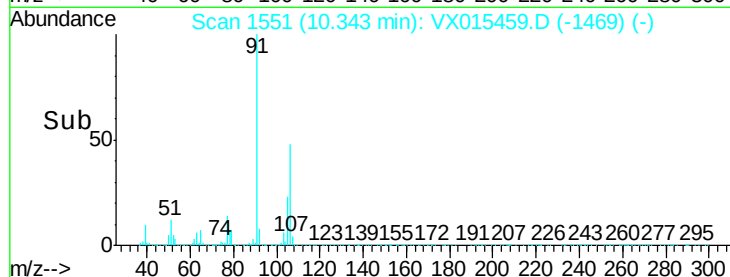
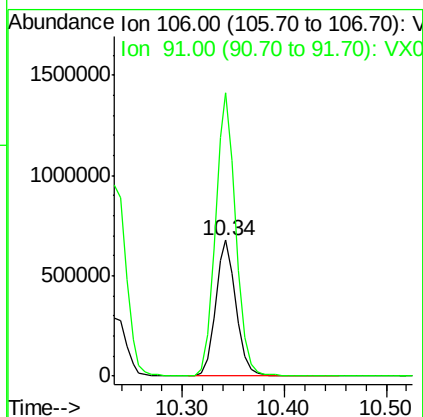
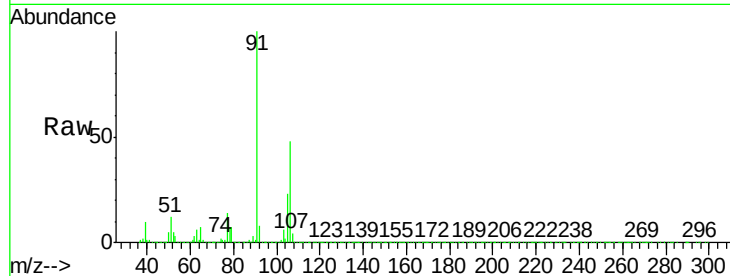




#67
m/p-Xylenes
Concen: 43.604 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

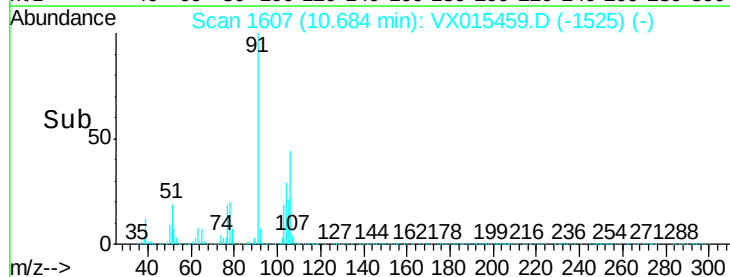
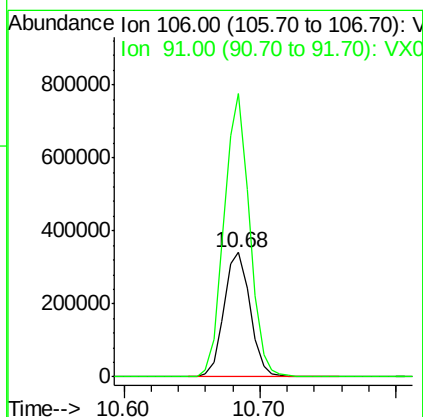
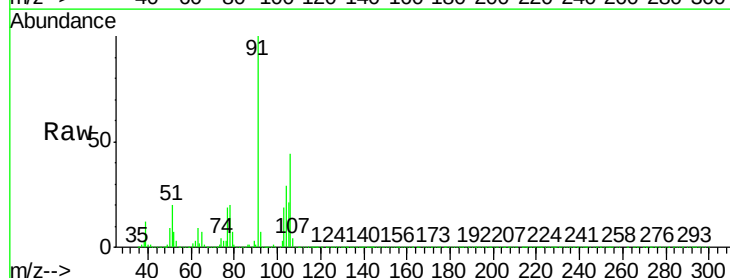
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

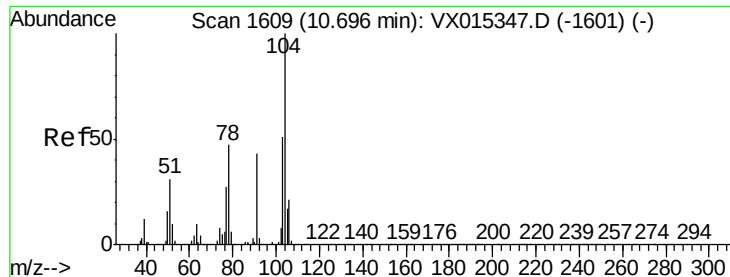
Tot Ion:106 Resp: 946873
Ion Ratio Lower Upper
106 100
91 207.8 165.0 247.4



#68
o-Xylene
Concen: 21.502 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion:106 Resp: 456381
Ion Ratio Lower Upper
106 100
91 220.1 109.1 327.2

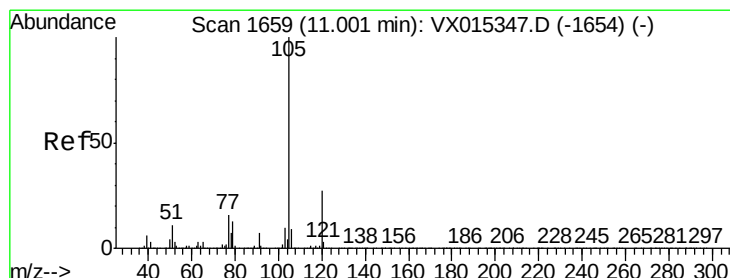
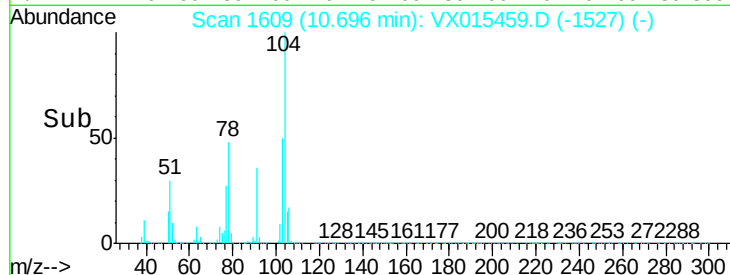
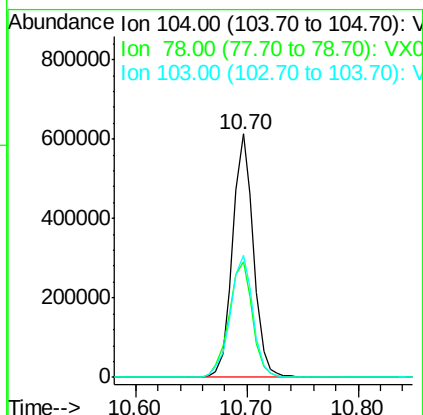
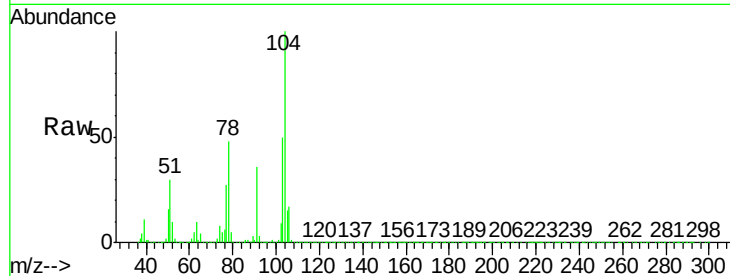




#69
Stvrene
Concen: 21.467 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

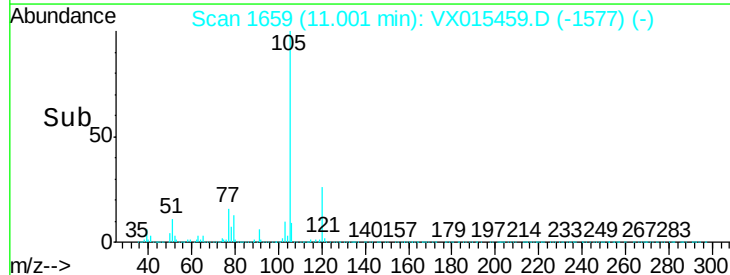
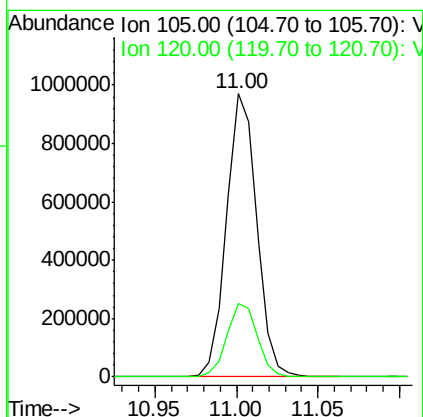
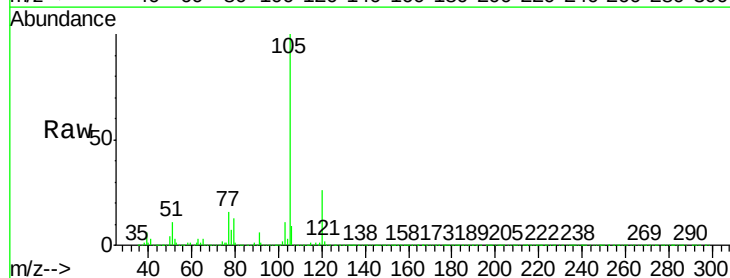
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

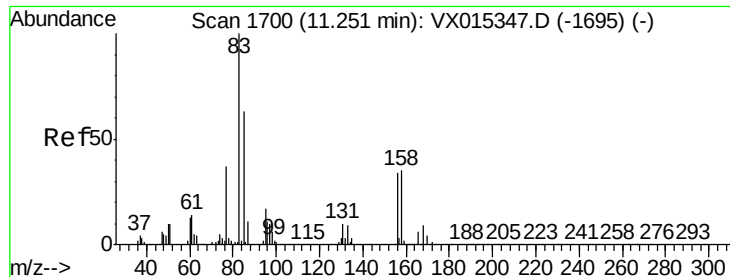
Tot Ion	Ratio	Lower	Upper
104	100		
78	53.9	41.5	62.3
103	54.3	43.4	65.2



#70
Isopropylbenzene
Concen: 22.218 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 20.826 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

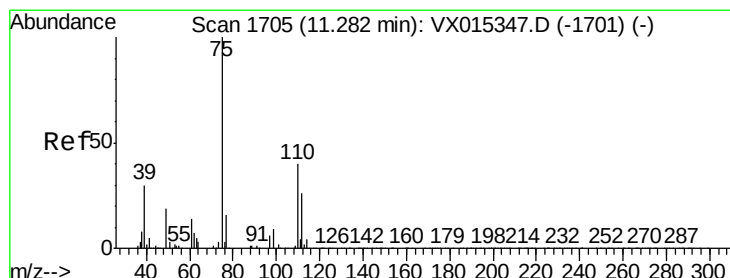
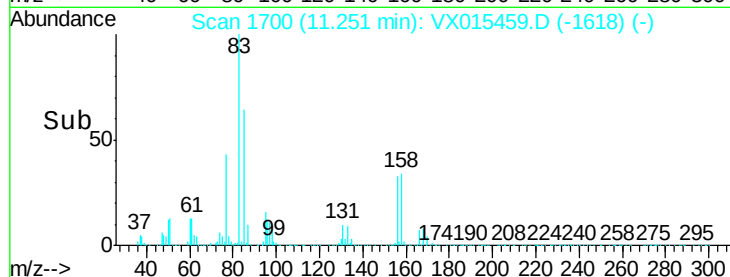
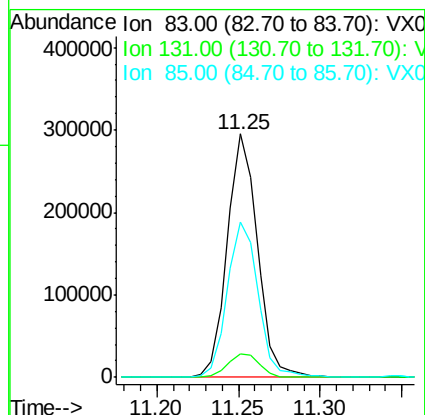
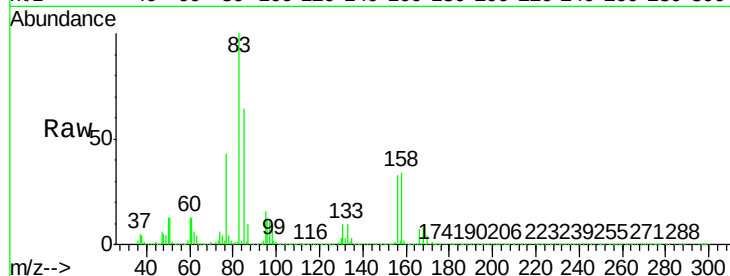
Tot Ion: 83 Resp: 379819

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

85 65.3 32.0 96.2



#72

1,2,3-Trichloropropane

Concen: 22.081 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015459.D

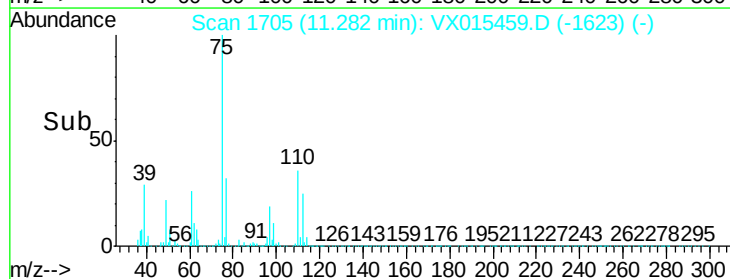
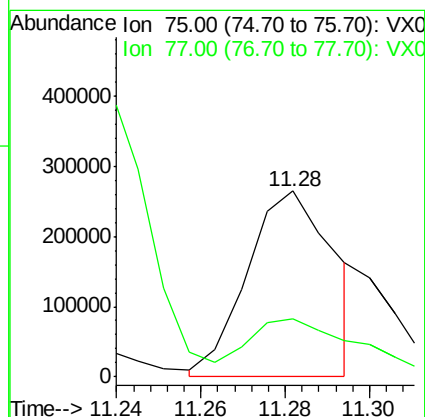
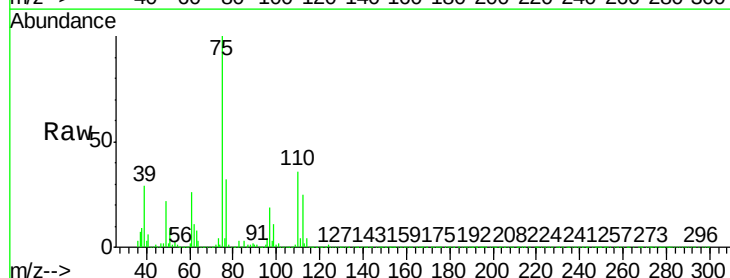
Acq: 01 Apr 2020 11:08

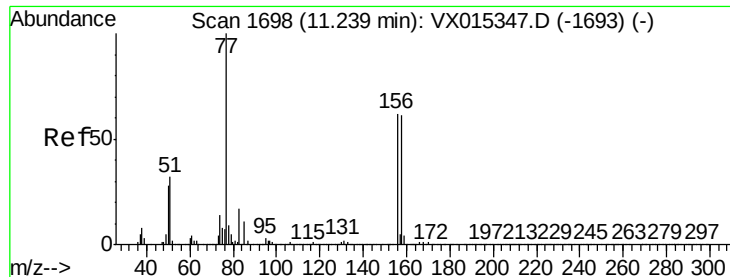
Tgt Ion: 75 Resp: 376811

Ion Ratio Lower Upper

75 100

77 39.5 0.0 80.0





#73

Bromobenzene

Concen: 20.426 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

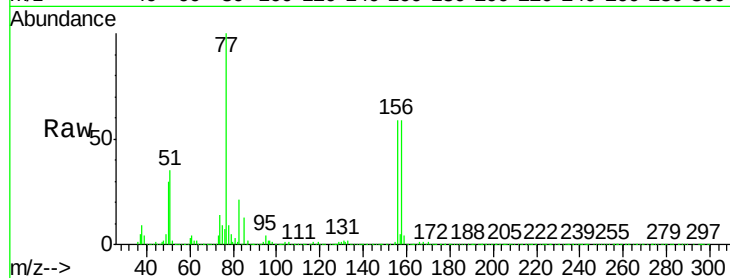
Tot Ion:156 Resp: 308519

Ion Ratio Lower Upper

156 100

77 170.4 0.0 324.4

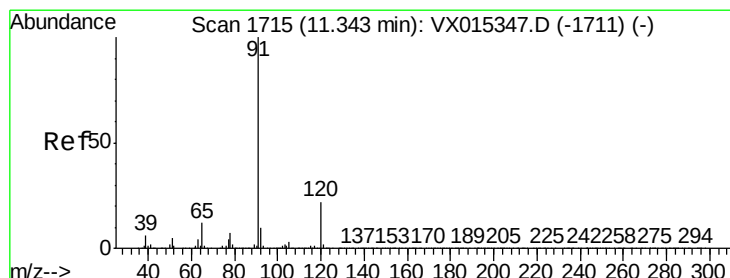
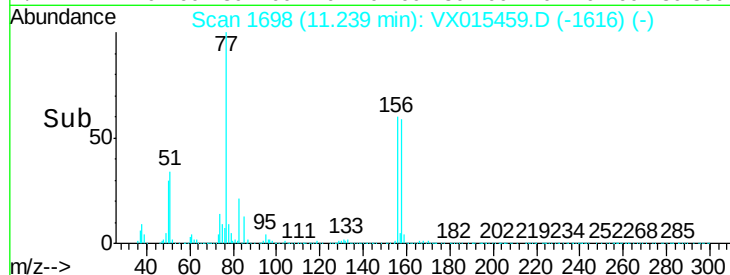
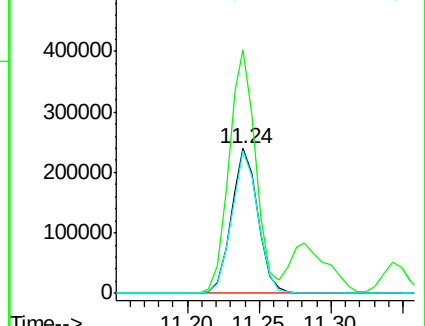
158 97.8 0.0 200.0



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: 22.835 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015459.D

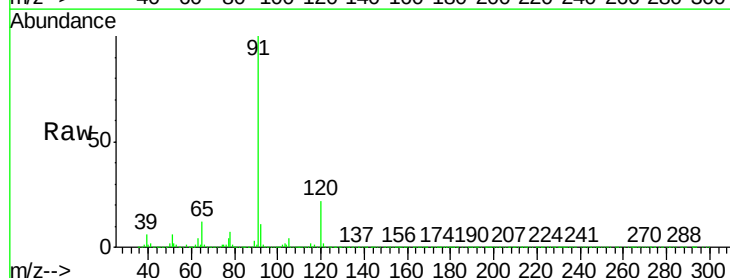
Acq: 01 Apr 2020 11:08

Tgt Ion: 91 Resp: 1473759

Ion Ratio Lower Upper

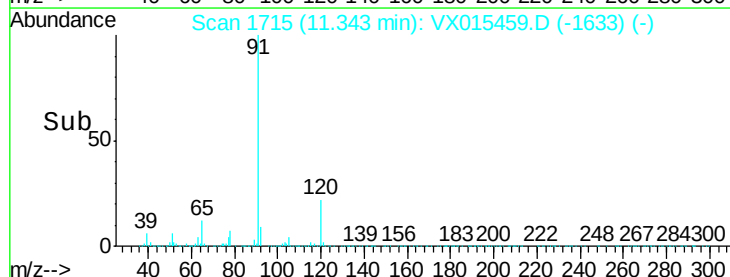
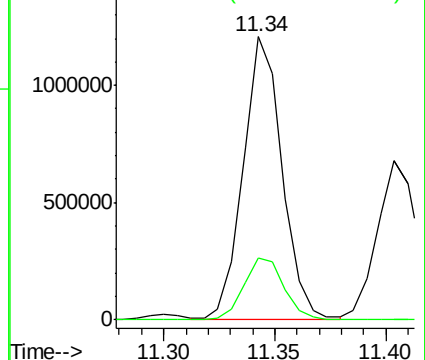
91 100

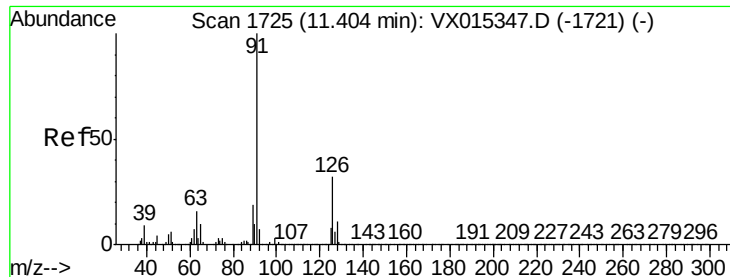
120 22.5 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 21.969 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

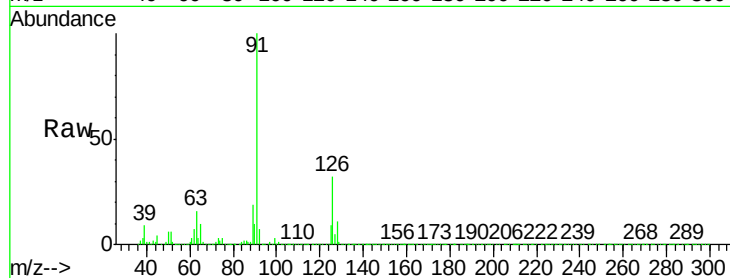
VSTDCCC020

Tot Ion: 91 Resp: 862370

Ion Ratio Lower Upper

91 100

126 32.7 0.0 65.2



Abundance Ion 91.00 (90.70 to 91.70): VX015347.D (-1721) (-)

Ion 126.00 (125.70 to 126.70): VX015347.D (-1721) (-)

1200000

1000000

800000

600000

400000

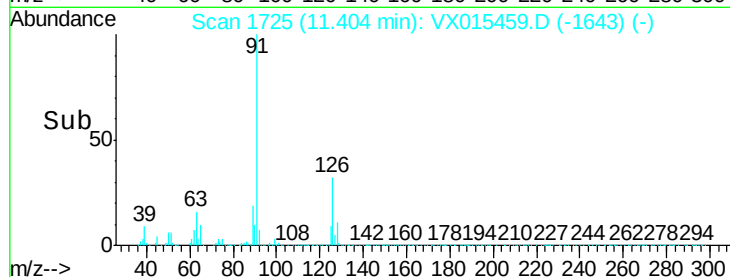
200000

0

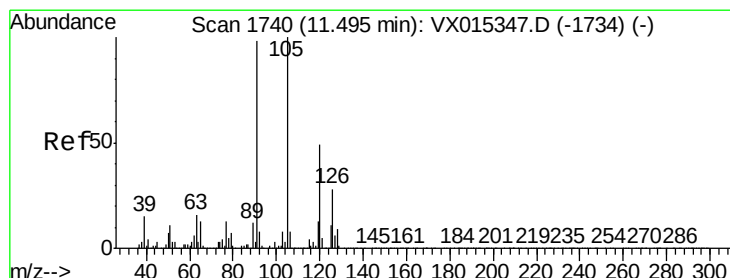
11.35

11.40

11.45



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 21.828 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015459.D

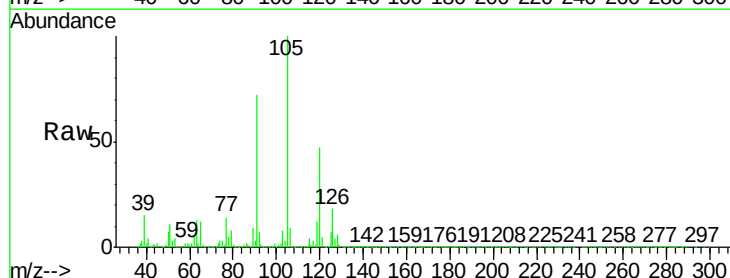
Acq: 01 Apr 2020 11:08

Tgt Ion: 105 Resp: 1054752

Ion Ratio Lower Upper

105 100

120 49.2 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VX015347.D (-1734) (-)

Ion 120.00 (119.70 to 120.70): VX015347.D (-1734) (-)

1000000

800000

600000

400000

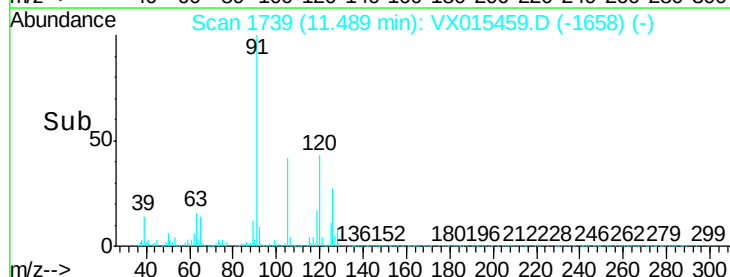
200000

0

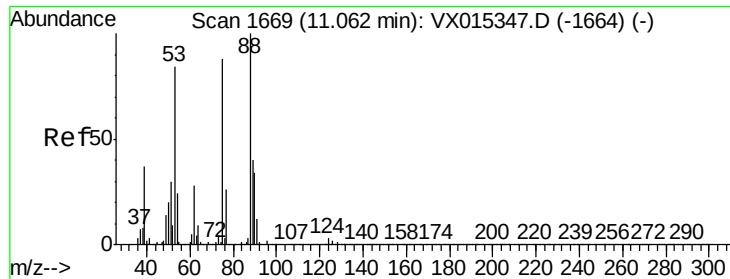
11.45

11.50

11.55



Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 20.046 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

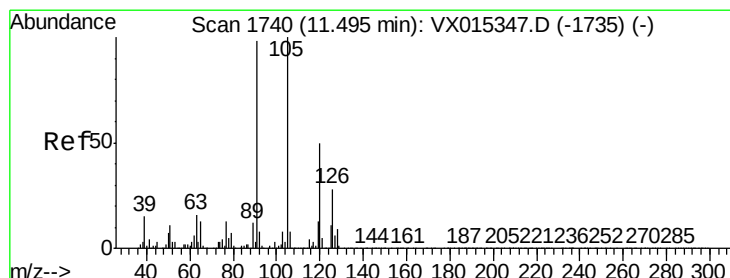
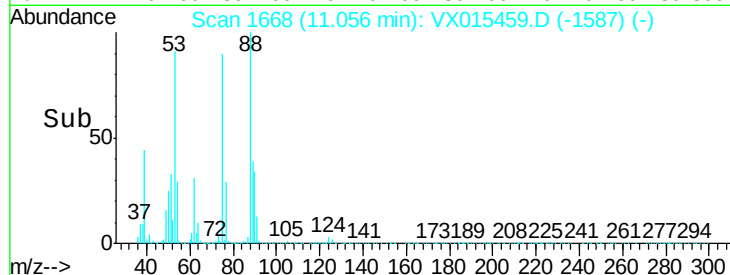
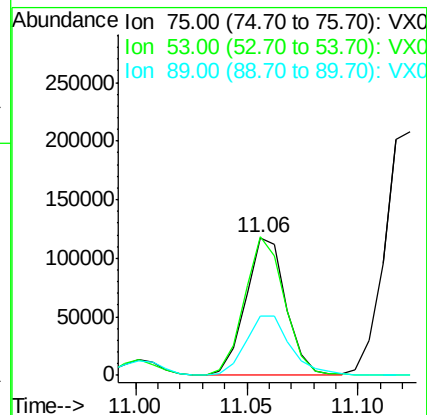
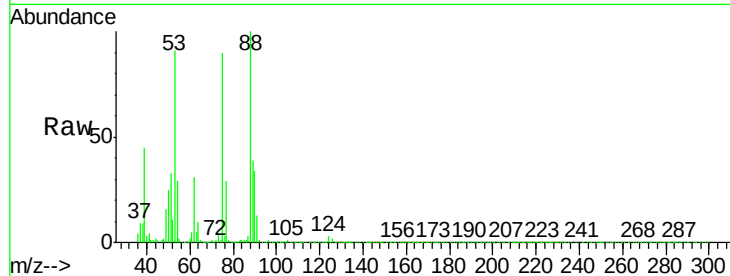
Tot Ion: 75 Resp: 147414

Ion Ratio Lower Upper

75 100

53 101.1 47.5 142.6

89 42.8 22.8 68.3



#78

4-Chlorotoluene

Concen: 22.591 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015459.D

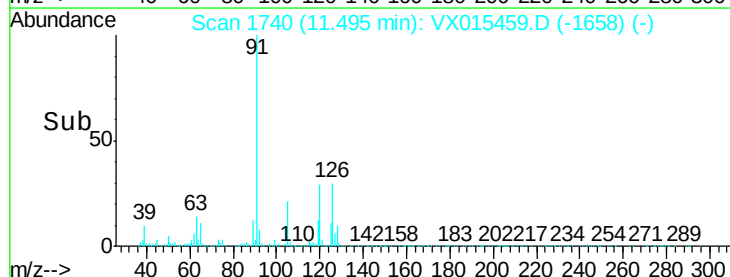
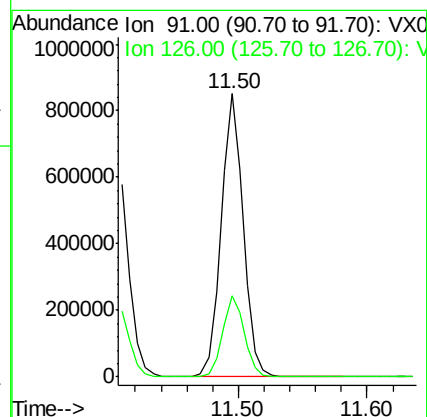
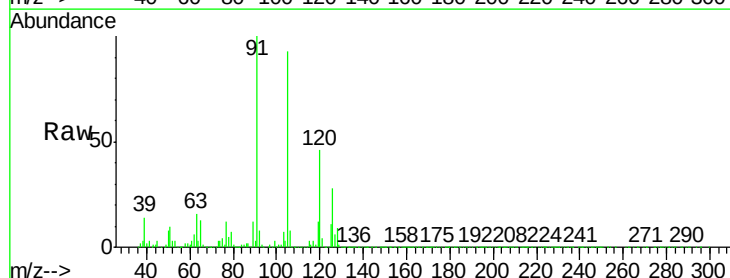
Acq: 01 Apr 2020 11:08

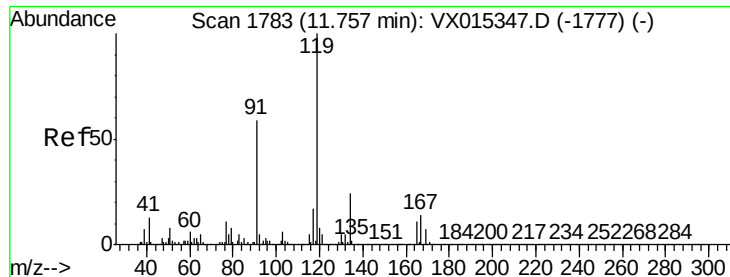
Tgt Ion: 91 Resp: 1025912

Ion Ratio Lower Upper

91 100

126 28.3 0.0 57.8

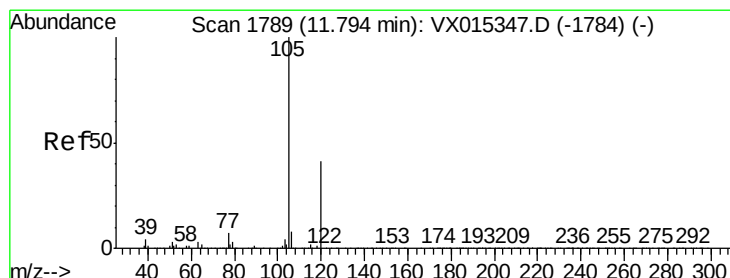
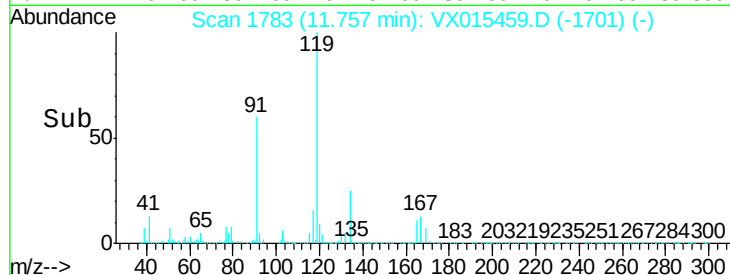
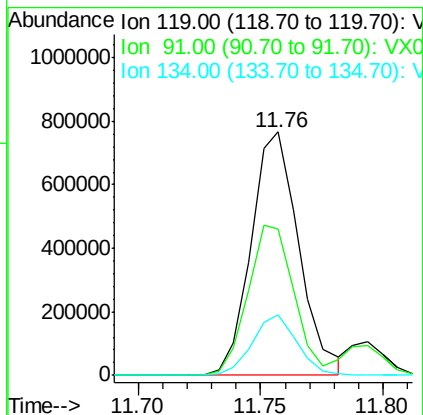
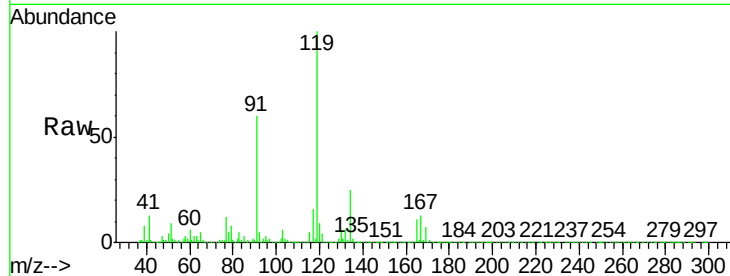




#79
tert-butylbenzene
Concen: 21.630 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

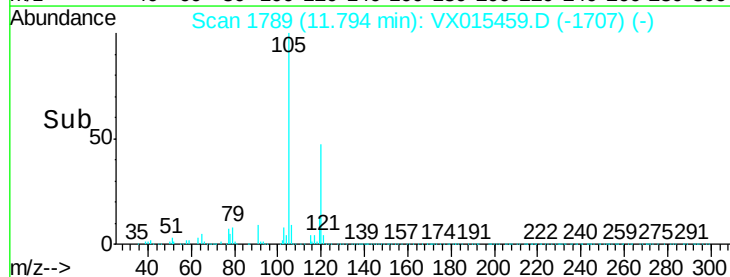
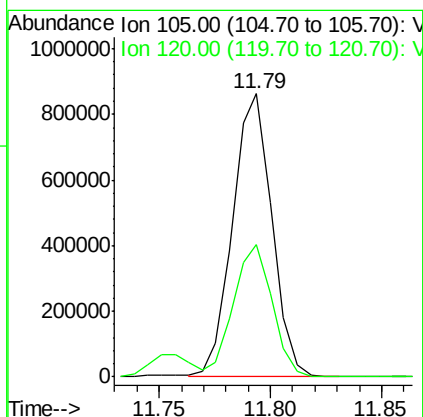
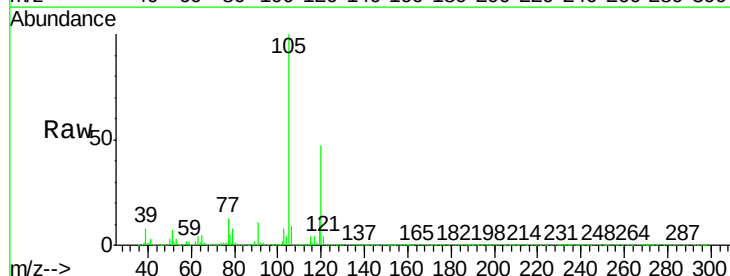
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

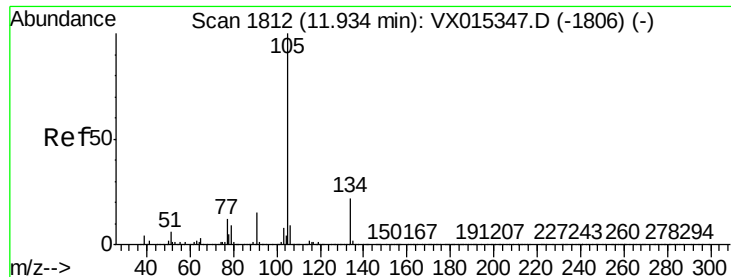
Tot Ion:119 Resp: 1044623
Ion Ratio Lower Upper
119 100
91 59.3 0.0 115.8
134 23.2 0.0 47.0



#80
1,2,4-Trimethylbenzene
Concen: 21.654 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion:105 Resp: 1059975
Ion Ratio Lower Upper
105 100
120 46.2 0.0 91.0





#81

sec-Butylbenzene

Concen: 22.143 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampled :

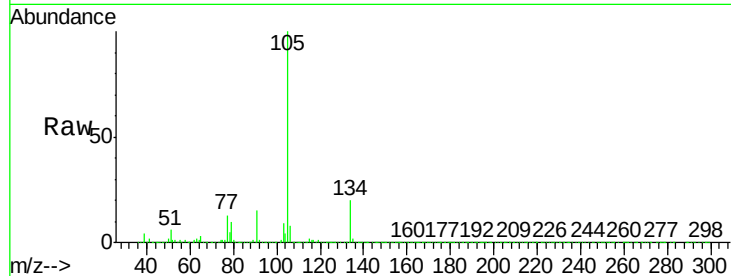
VSTDCCC020

Tot Ion:105 Resp: 1226747

Ion Ratio Lower Upper

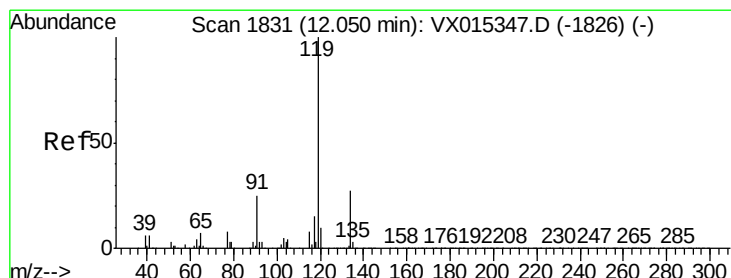
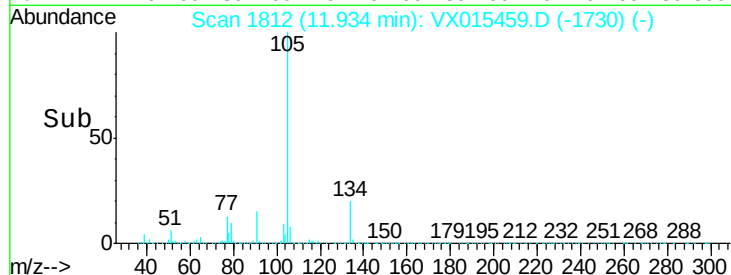
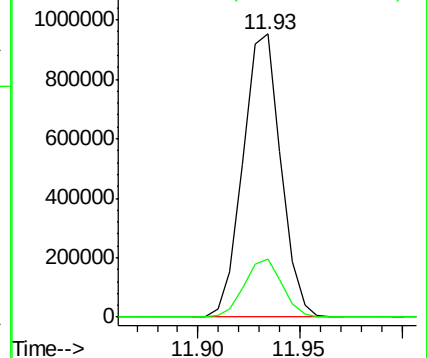
105 100

134 20.3 0.0 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 21.892 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

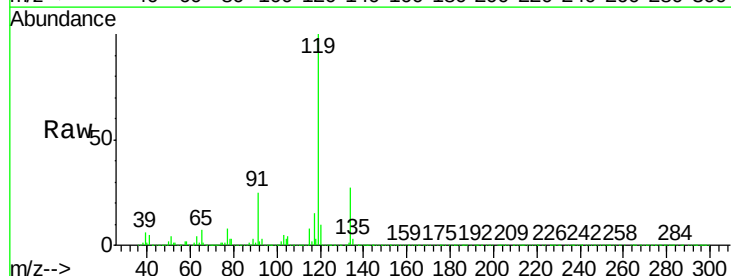
Tgt Ion:119 Resp: 1143118

Ion Ratio Lower Upper

119 100

134 26.6 0.0 53.2

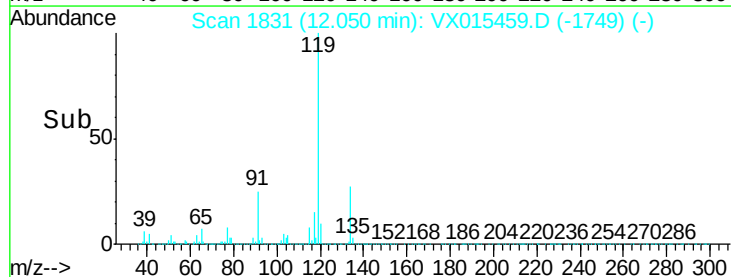
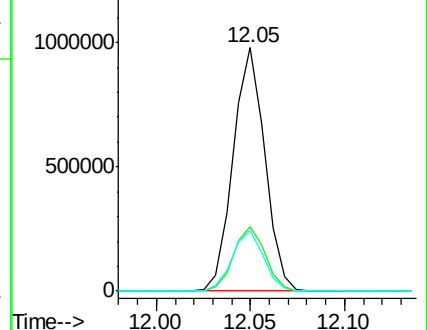
91 24.7 0.0 48.2

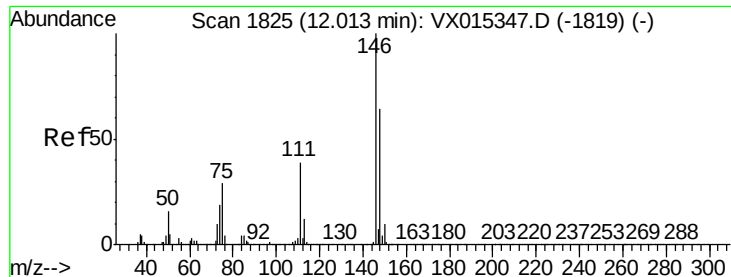


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

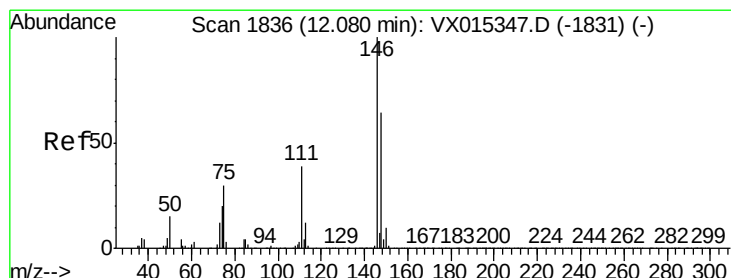
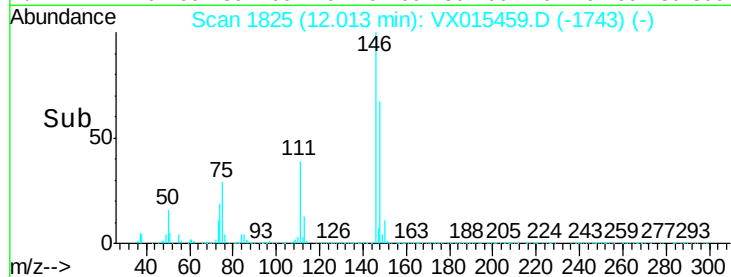
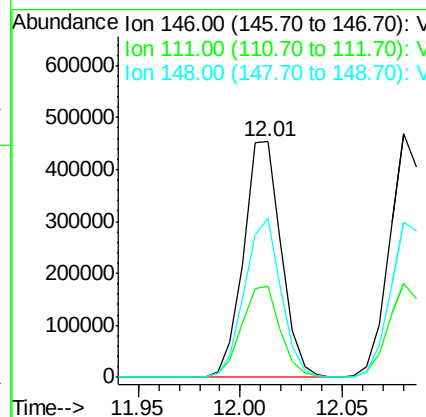
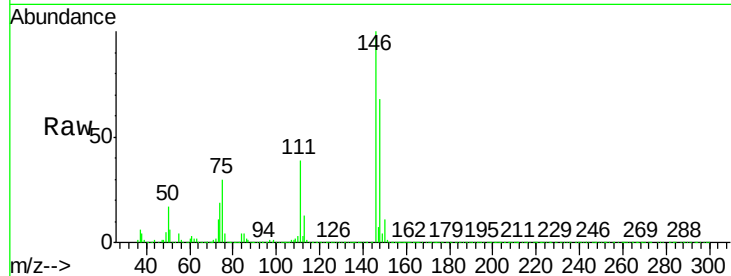




#83
 1,3-Dichlorobenzene
 Concen: 21.388 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015459.D
 Acq: 01 Apr 2020 11:08

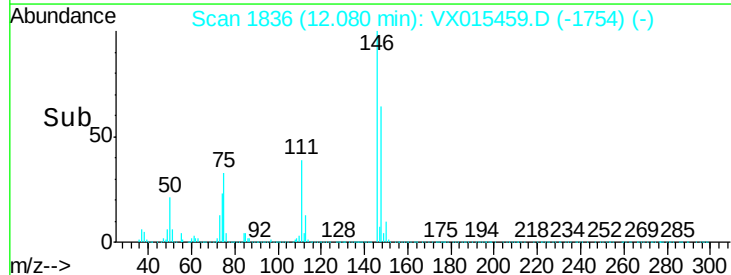
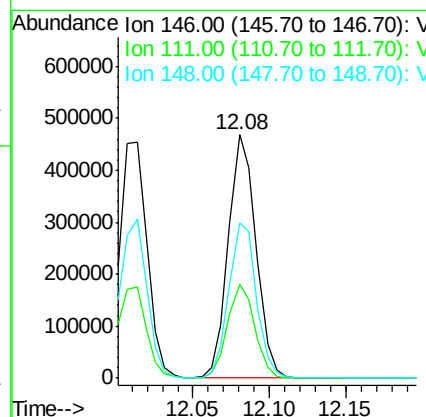
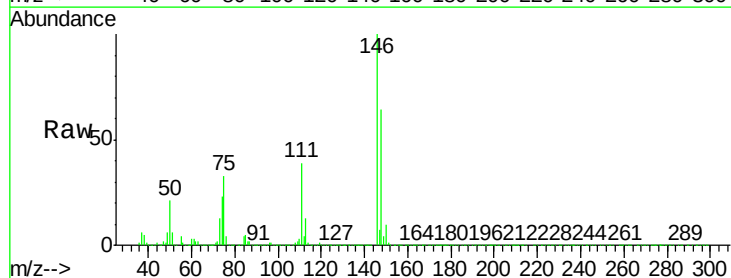
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

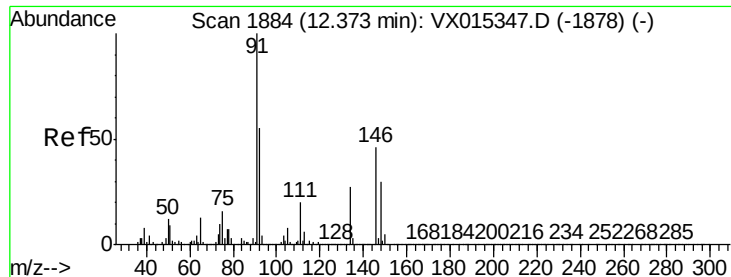
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.1	60.2
148	65.3	31.4	94.2



#84
 1,4-Dichlorobenzene
 Concen: 21.660 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX015459.D
 Acq: 01 Apr 2020 11:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	63.1	31.4	94.3





#85

n-Butylbenzene

Concen: 22.842 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

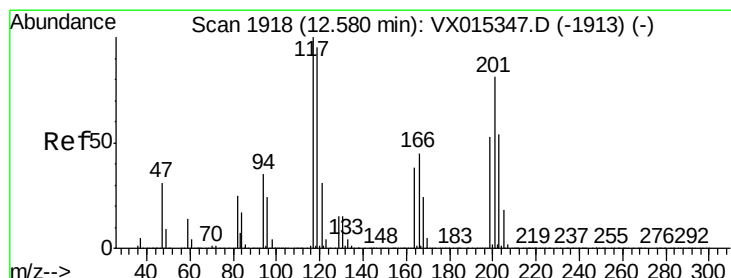
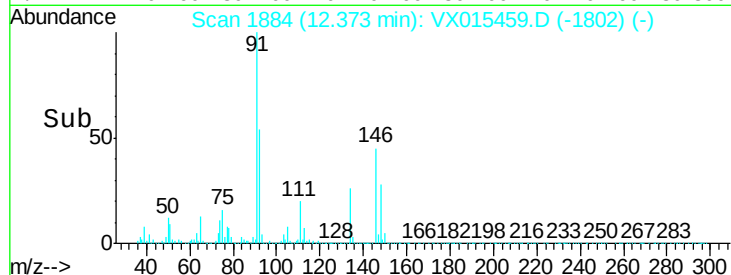
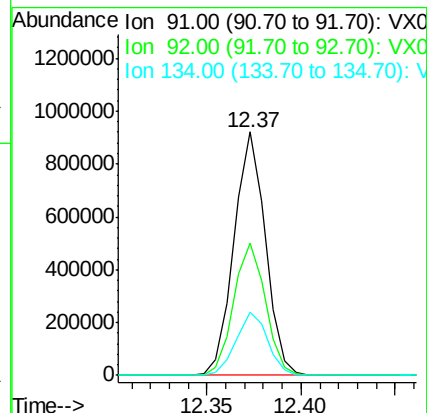
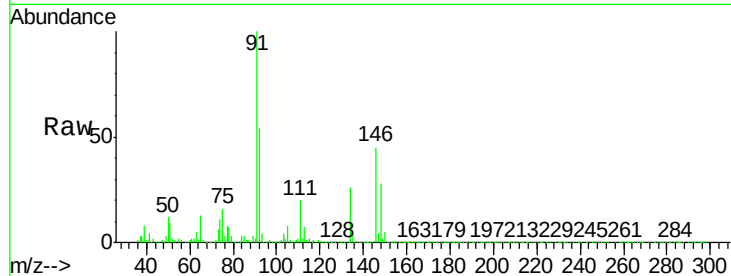
Tot Ion: 91 Resp: 1063113

Ion Ratio Lower Upper

91 100

92 55.0 0.0 109.0

134 25.9 0.0 54.0



#86

Hexachloroethane

Concen: 20.768 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015459.D

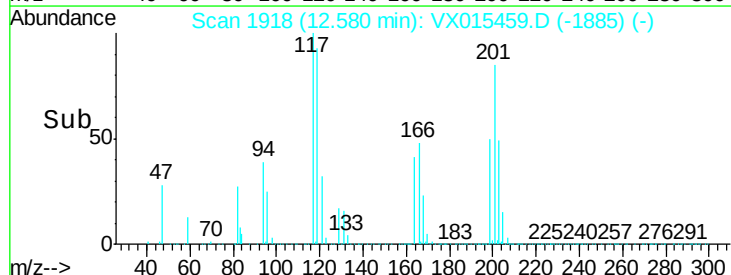
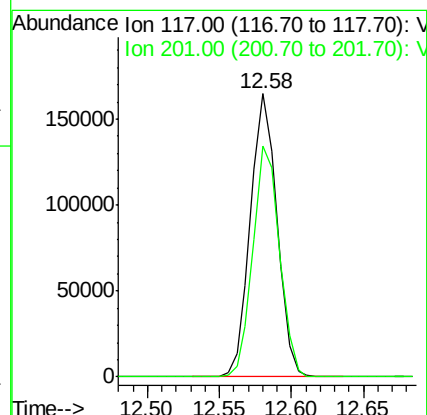
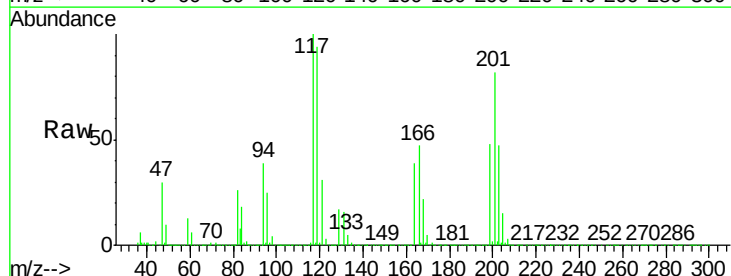
Acq: 01 Apr 2020 11:08

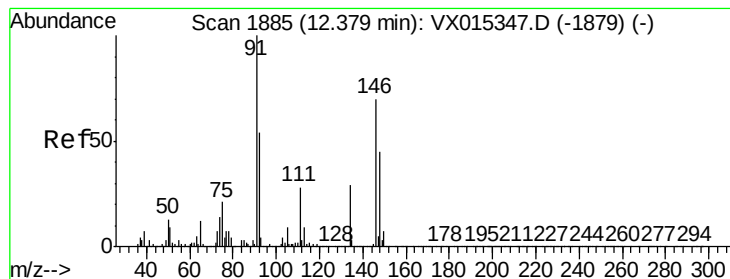
Tgt Ion: 117 Resp: 209585

Ion Ratio Lower Upper

117 100

201 81.5 44.9 134.5





#87

1,2-Dichlorobenzene

Concen: 21.083 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

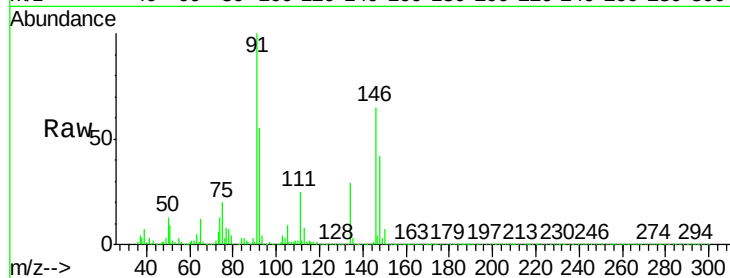
Tot Ion:146 Resp: 558651

Ion Ratio Lower Upper

146 100

111 41.7 20.4 61.2

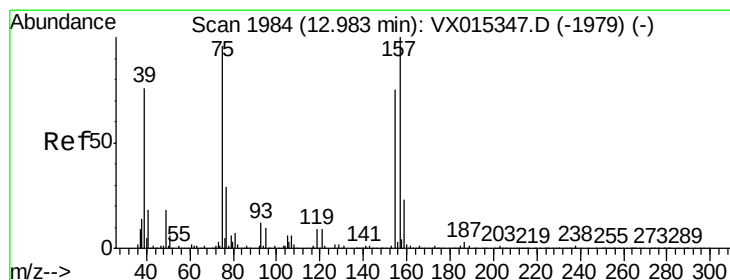
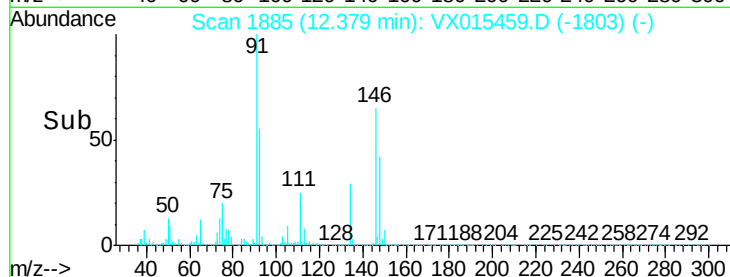
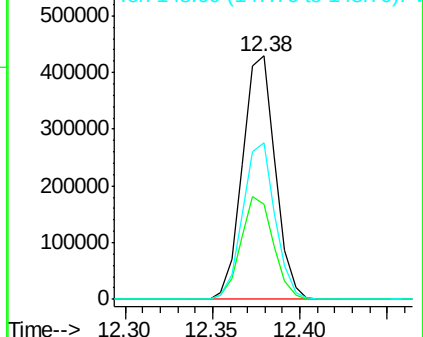
148 63.0 31.9 95.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.924 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015459.D

Acq: 01 Apr 2020 11:08

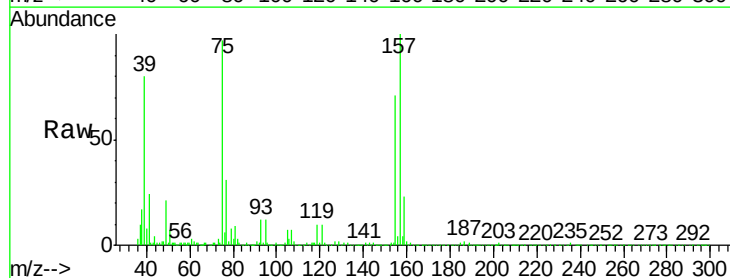
Tgt Ion: 75 Resp: 95710

Ion Ratio Lower Upper

75 100

155 79.7 67.7 101.5

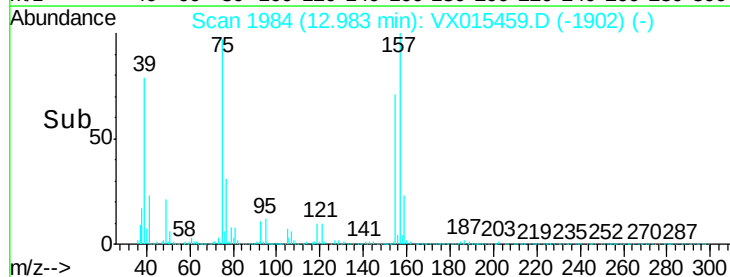
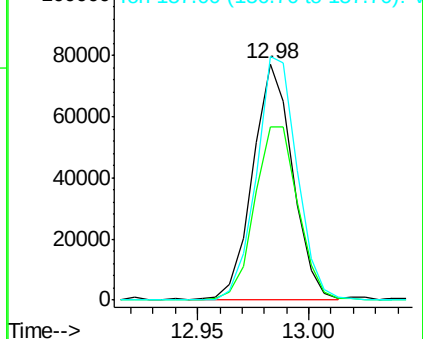
157 106.0 88.5 132.7

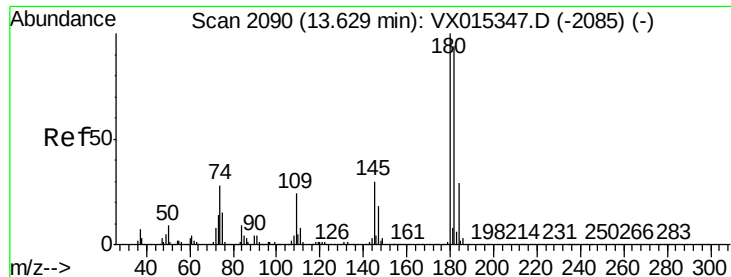


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

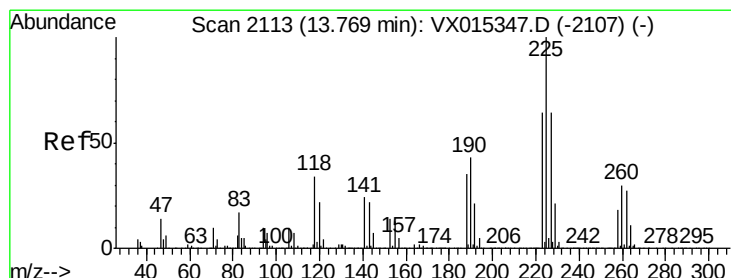
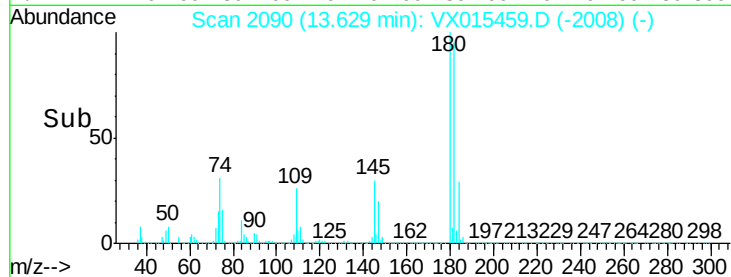
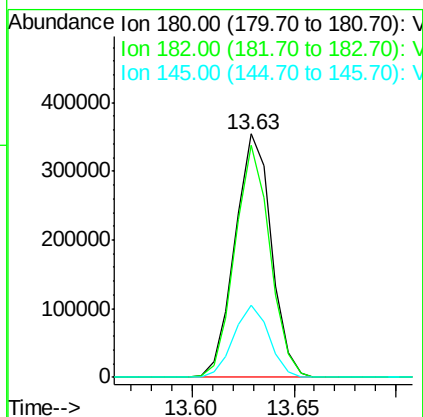
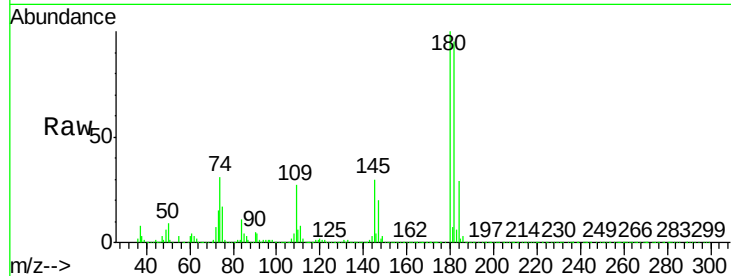




#89
 1,2,4-Trichlorobenzene
 Concen: 20.505 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015459.D
 Acq: 01 Apr 2020 11:08

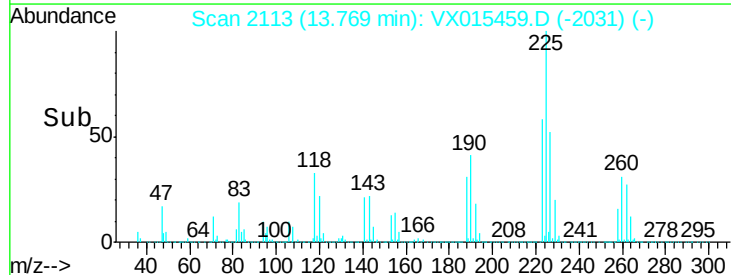
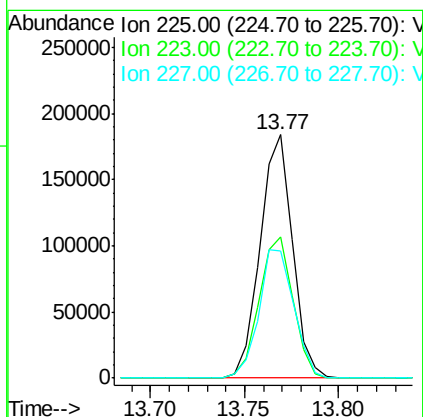
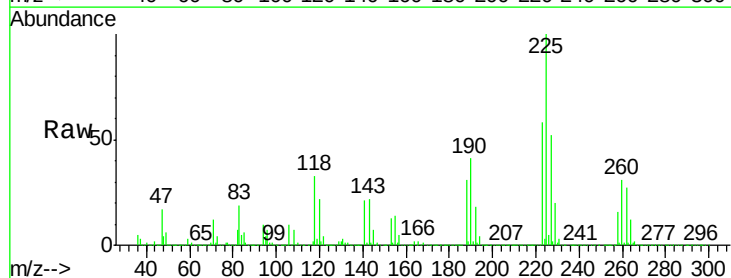
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

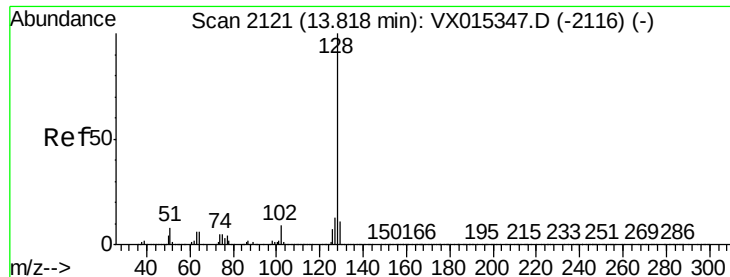
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.5	76.9	115.3
145	28.9	24.3	36.5



#90
 Hexachlorobutadiene
 Concen: 19.521 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015459.D
 Acq: 01 Apr 2020 11:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	0.0	127.0
227	56.9	0.0	126.8

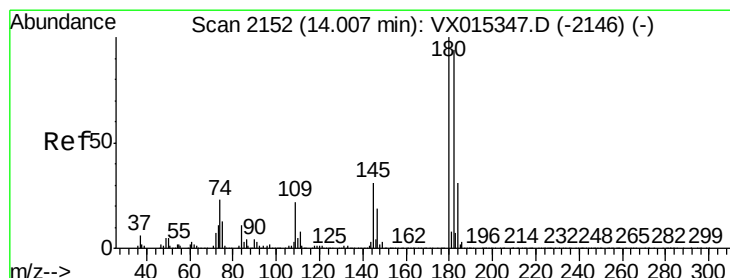
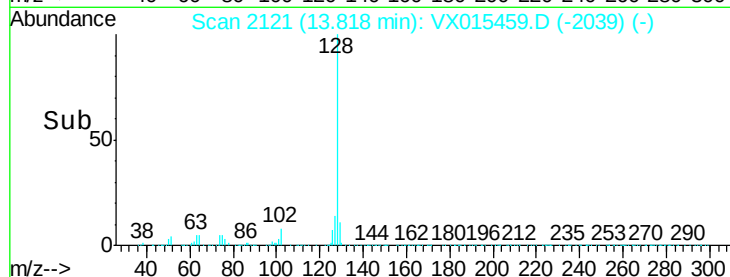
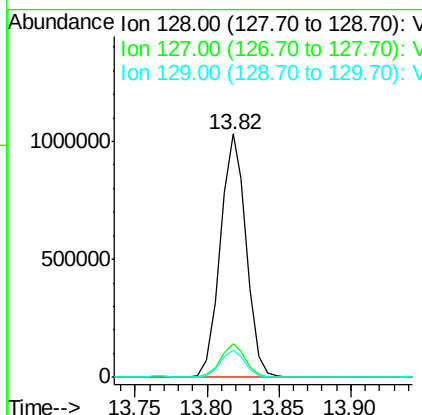
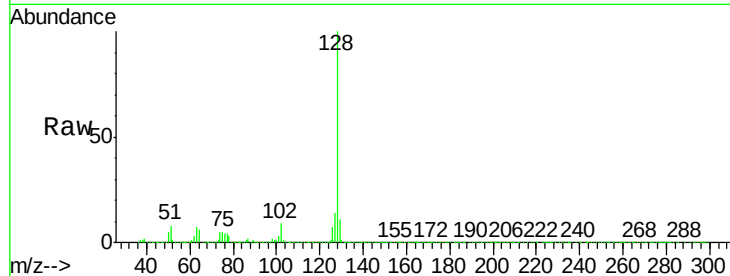




#91
Naphthalene
Concen: 20.951 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion:128 Resp: 1295003
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.769 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015459.D
Acq: 01 Apr 2020 11:08

Tgt Ion:180 Resp: 419197
Ion Ratio Lower Upper
180 100
182 94.3 0.0 191.0
145 31.7 0.0 62.2

