

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031820\
 Data File : VX015324.D
 Acq On : 18 Mar 2020 13:47
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 18 14:26:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	544215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	979294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	948242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	454848	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	330776	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.48	113	309786	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	8.71	98	1180951	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	450804	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	282170	57.16	ug/l	100
3) Chloromethane	1.32	50	305251	45.43	ug/l	100
4) Vinyl Chloride	1.40	62	324577	47.50	ug/l	100
5) Bromomethane	1.64	94	109779	28.55	ug/l	100
6) Chloroethane	1.72	64	196422	47.95	ug/l	100
7) Trichlorofluoromethane	1.92	101	423415	51.43	ug/l	100
8) Diethyl Ether	2.18	74	175531	47.88	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	280749	53.77	ug/l	100
10) Methyl Iodide	2.50	142	314617	54.26	ug/l	100
11) Tert butyl alcohol	3.04	59	322958	278.17	ug/l	100
12) 1,1-Dichloroethene	2.37	96	289473	53.53	ug/l	100
13) Acrolein	2.28	56	287417	266.19	ug/l	100
14) Allyl chloride	2.72	41	485763	52.11	ug/l	100
15) Acrylonitrile	3.13	53	858838	296.58	ug/l	100
16) Acetone	2.44	43	607190	234.07	ug/l	100
17) Carbon Disulfide	2.56	76	829520	55.04	ug/l	100
18) Methyl Acetate	2.76	43	336329	51.68	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1001987	58.62	ug/l	100
20) Methylene Chloride	2.85	84	367193	57.37	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	368041	61.77	ug/l	100
22) Diisopropyl ether	3.84	45	1041915	55.58	ug/l	100
23) Vinyl Acetate	3.80	43	4292005	280.02	ug/l	100
24) 1,1-Dichloroethane	3.69	63	595199	56.62	ug/l	100
25) 2-Butanone	4.66	43	1055341	272.35	ug/l	100
26) 2,2-Dichloropropane	4.58	77	453915	54.83	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	396749	60.03	ug/l	100
28) Bromochloromethane	5.01	49	250759	53.36	ug/l	100
29) Tetrahydrofuran	5.11	42	700992	277.89	ug/l	100
30) Chloroform	5.20	83	596697	57.91	ug/l	100
31) Cyclohexane	5.58	56	528417	56.23	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	517047	60.20	ug/l	100
36) 1,1-Dichloropropene	5.79	75	453595	49.88	ug/l	100
37) Ethyl Acetate	4.82	43	419358	50.55	ug/l	100
38) Carbon Tetrachloride	5.78	117	442196	51.37	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	565881	52.99	ug/l	100
40) Benzene	6.14	78	1411568	52.09	ug/l	100
41) Methacrylonitrile	5.03	41	226455	45.64	ug/l	100
42) 1,2-Dichloroethane	6.18	62	423230	46.51	ug/l	100
43) Isopropyl Acetate	6.43	43	663158	45.80	ug/l	100
44) Trichloroethene	7.21	130	369827	49.42	ug/l	100
45) 1,2-Dichloropropane	7.51	63	344891	49.67	ug/l	100
46) Dibromomethane	7.65	93	231896	50.83	ug/l	100
47) Bromodichloromethane	7.89	83	457380	50.94	ug/l	100
48) Methyl methacrylate	7.76	41	331992	45.02	ug/l	100
49) 1,4-Dioxane	7.74	88	172448	1045.12	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2066808	240.40	ug/l	100
52) Toluene	8.78	92	882922	53.28	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	490781	51.67	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	563928	52.17	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	360911	52.78	ug/l	100
56) Ethyl methacrylate	9.17	69	513566	53.28	ug/l	100
57) 1,3-Dichloropropane	9.37	76	591392	51.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1326861	253.30	ug/l	100
59) 2-Hexanone	9.48	43	1554672	244.40	ug/l	100
60) Dibromochloromethane	9.57	129	370849	51.98	ug/l	100
61) 1,2-Dibromoethane	9.67	107	384252	53.25	ug/l	100
64) Tetrachloroethene	9.33	164	335330	43.66	ug/l	100
65) Chlorobenzene	10.14	112	994229	51.69	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	352355	49.04	ug/l	100
67) Ethyl Benzene	10.25	91	1727548	52.99	ug/l	100
68) m/p-Xylenes	10.35	106	1341218	107.88	ug/l	100
69) o-Xylene	10.70	106	641083	53.84	ug/l	100
70) Styrene	10.71	104	1110943	54.43	ug/l	100
71) Bromoform	10.85	173	257236	46.98	ug/l	100
73) Isopropylbenzene	11.01	105	1697658	57.18	ug/l	100
74) N-amyl acetate	10.89	43	599057	49.44	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	519133	52.69	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	573113	64.14	ug/l	81
77) Bromobenzene	11.25	156	402493	49.44	ug/l	100
78) n-propylbenzene	11.35	91	1867904	55.48	ug/l	100
79) 2-Chlorotoluene	11.42	91	1095265	54.30	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1362227	55.44	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	177477	54.50	ug/l	100
82) 4-Chlorotoluene	11.51	91	1285821	54.01	ug/l	100
83) tert-Butylbenzene	11.76	119	1321894	55.50	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1432122	57.52	ug/l	100
85) sec-Butylbenzene	11.94	105	1685333	58.13	ug/l	100
86) p-Isopropyltoluene	12.06	119	1522679	57.35	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	763011	52.78	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	751940	50.51	ug/l	100
89) n-Butylbenzene	12.38	91	1385359	58.48	ug/l	100
90) Hexachloroethane	12.59	117	270807	53.95	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	768828	53.20	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	102588	52.60	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 14:21:46 2020
Response via : Initial Calibration

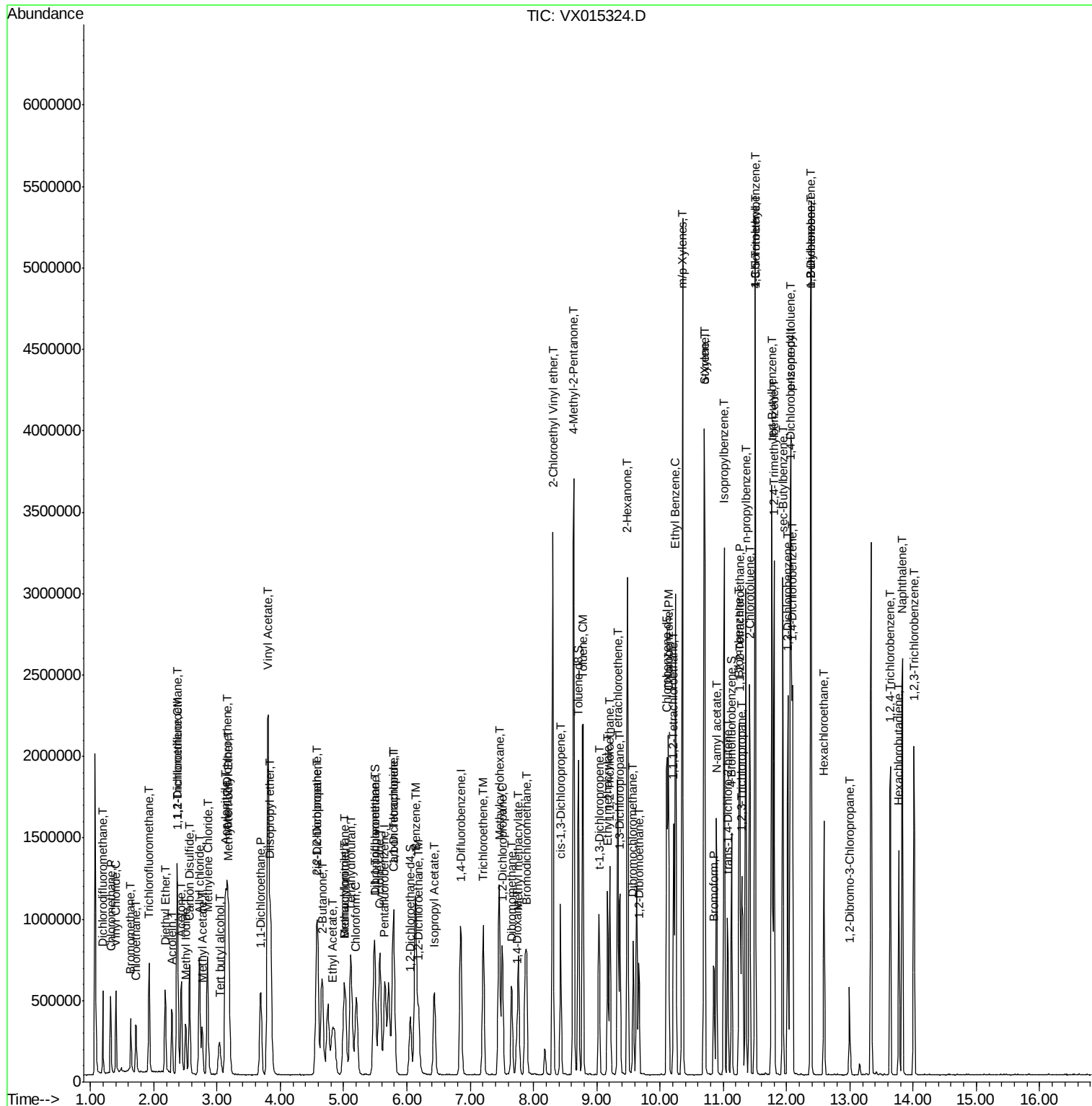
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	460544	47.44	ug/l	100
94) Hexachlorobutadiene	13.77	225	181740	37.62	ug/l	100
95) Naphthalene	13.83	128	1674424	60.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	460353	47.62	ug/l	100

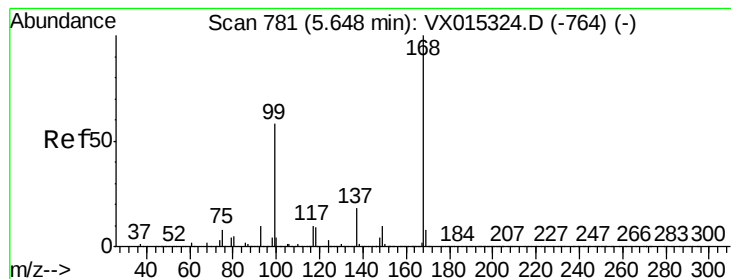
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Acq On    : 18 Mar 2020   13:47  
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Sample    : VSTDICCC050  
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Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

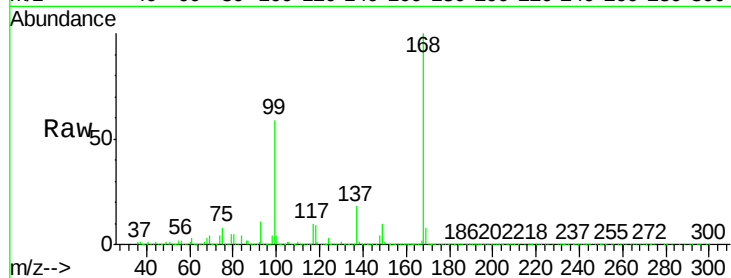
VSTDICCC050

Tgt Ion:168 Resp: 544215

Ion Ratio Lower Upper

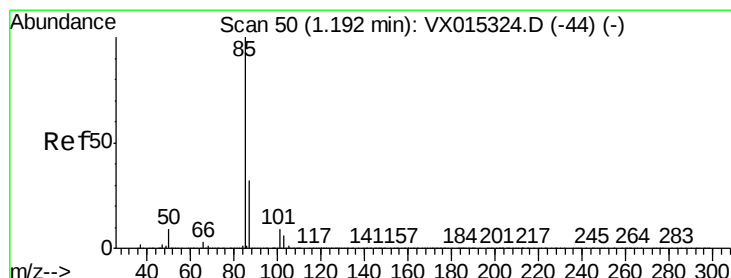
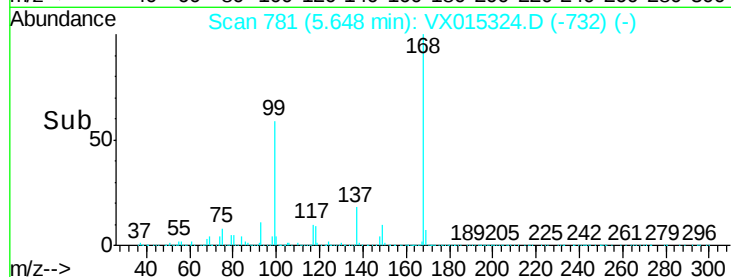
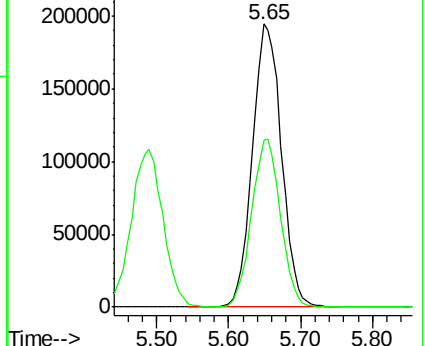
168 100

99 58.8 47.0 70.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 57.16 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015324.D

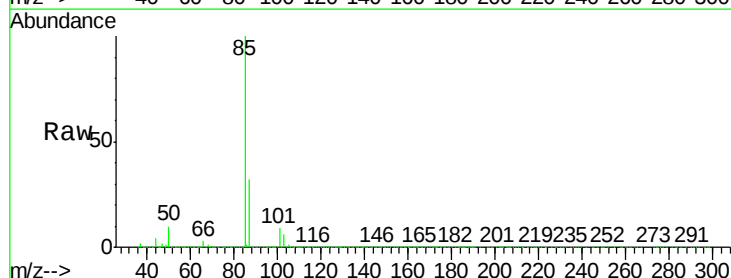
Acq: 18 Mar 2020 13:47

Tgt Ion: 85 Resp: 282170

Ion Ratio Lower Upper

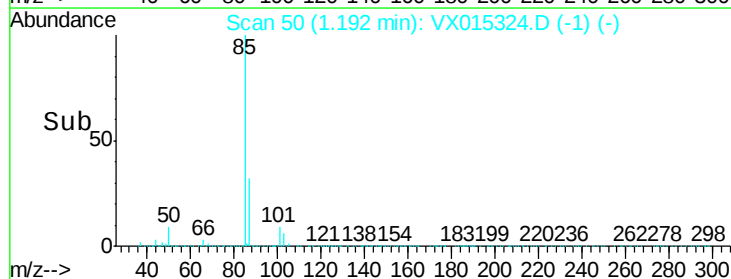
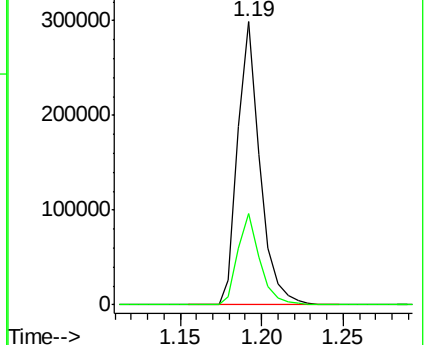
85 100

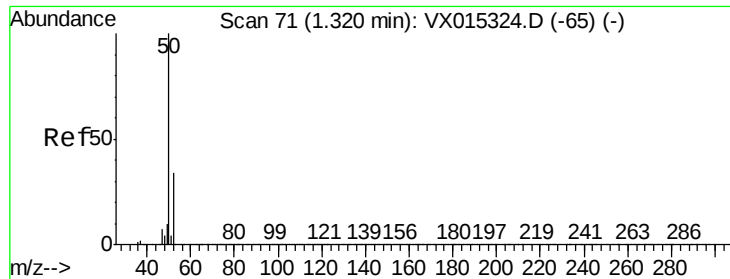
87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.43 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

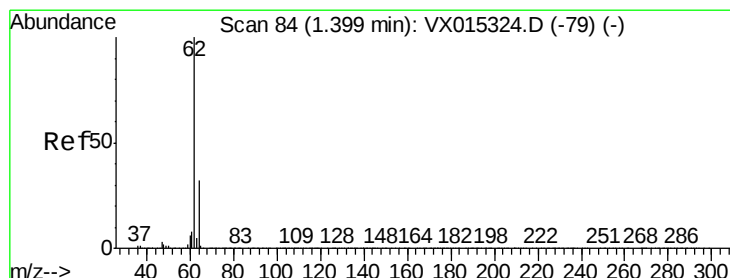
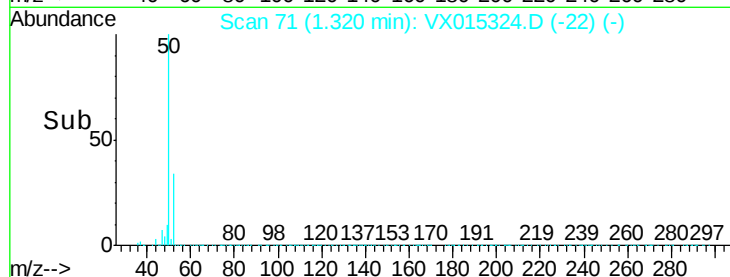
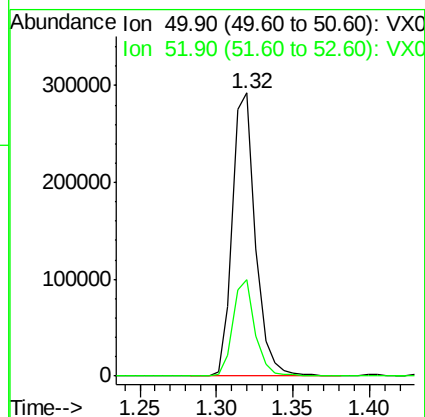
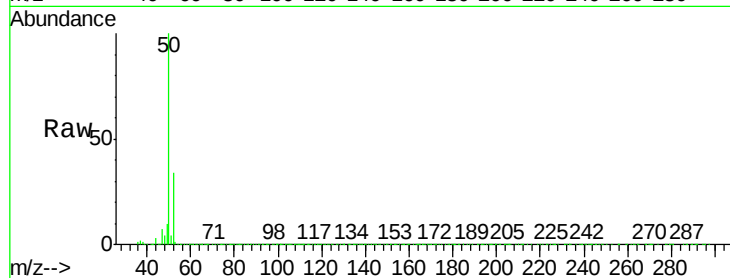
VSTDICCC050

Tgt Ion: 50 Resp: 305251

Ion Ratio Lower Upper

50 100

52 34.2 27.4 41.0



#4

Vinyl Chloride

Concen: 47.50 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015324.D

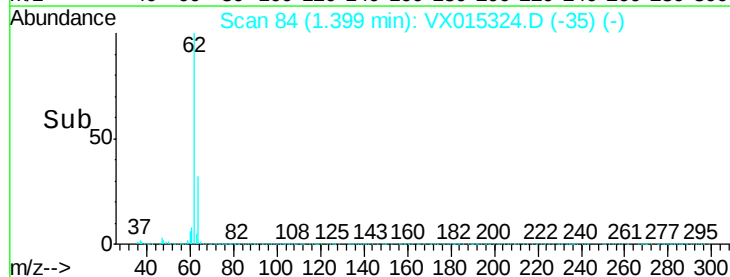
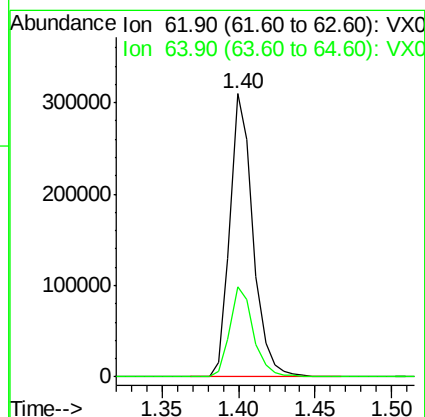
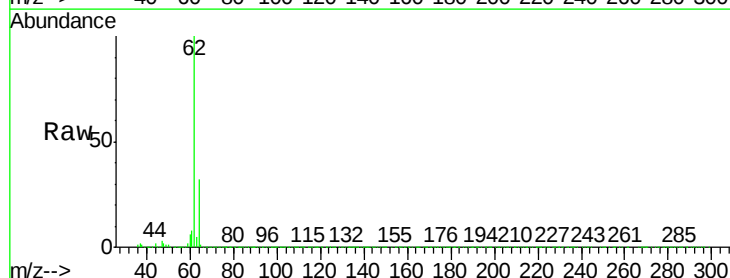
Acq: 18 Mar 2020 13:47

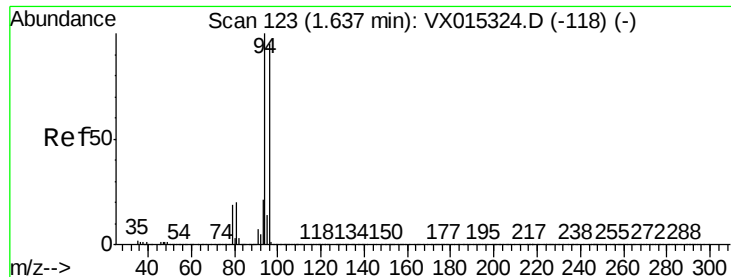
Tgt Ion: 62 Resp: 324577

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 28.55 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

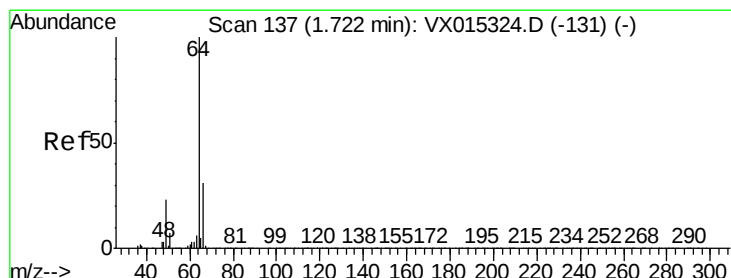
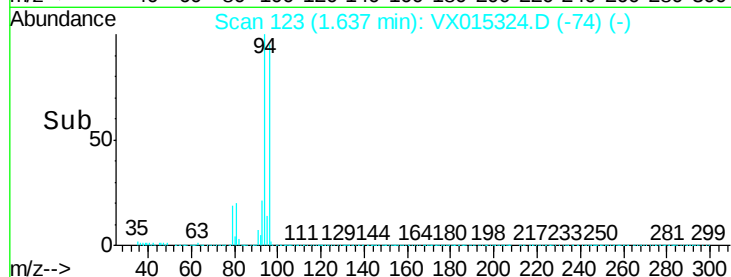
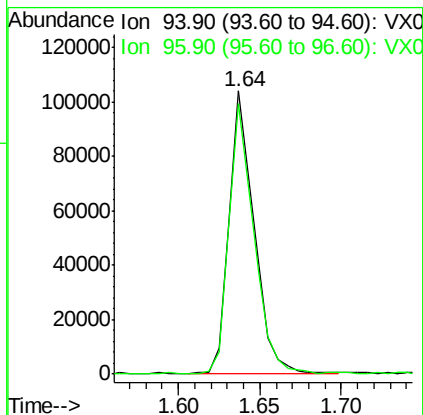
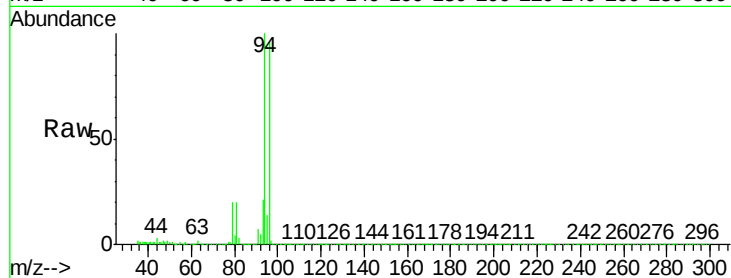
VSTDICCC050

Tgt Ion: 94 Resp: 109779

Ion Ratio Lower Upper

94 100

96 95.6 76.5 114.7



#6

Chloroethane

Concen: 47.95 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015324.D

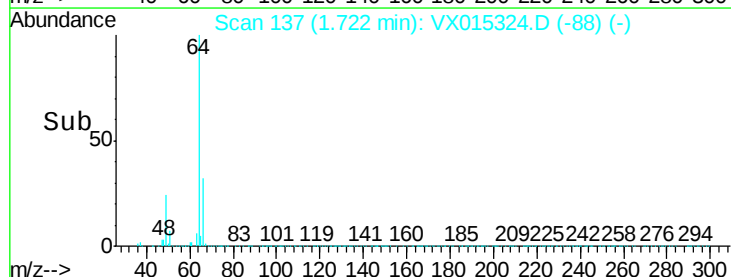
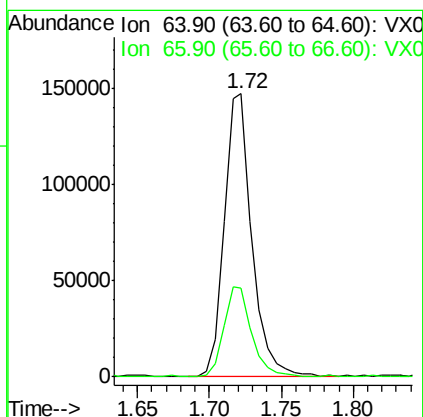
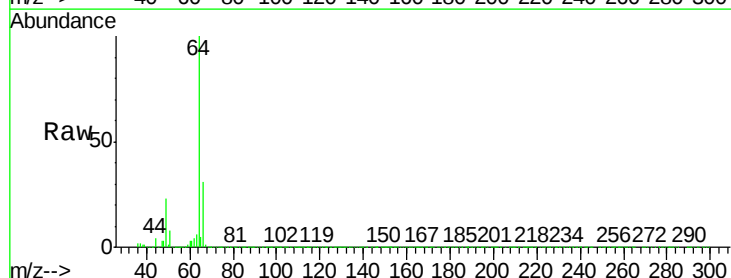
Acq: 18 Mar 2020 13:47

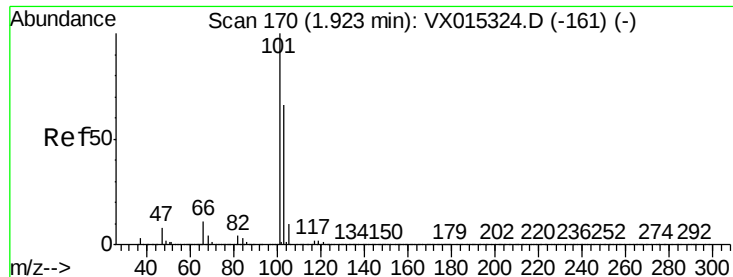
Tgt Ion: 64 Resp: 196422

Ion Ratio Lower Upper

64 100

66 31.0 24.8 37.2



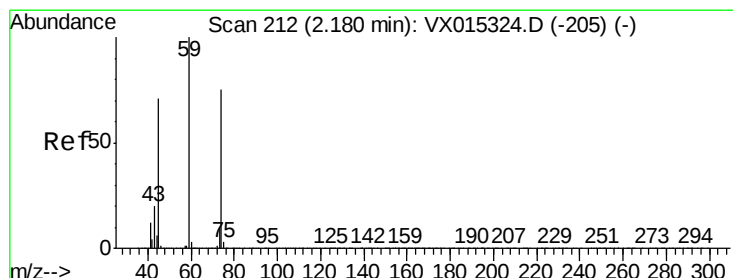
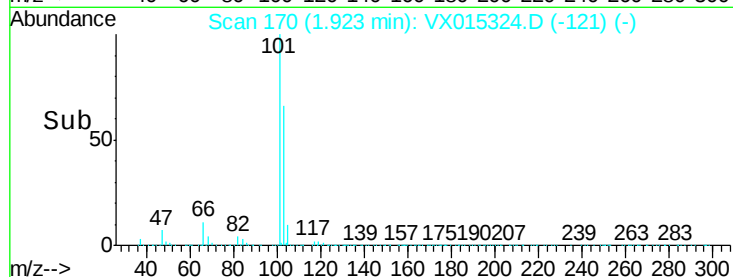
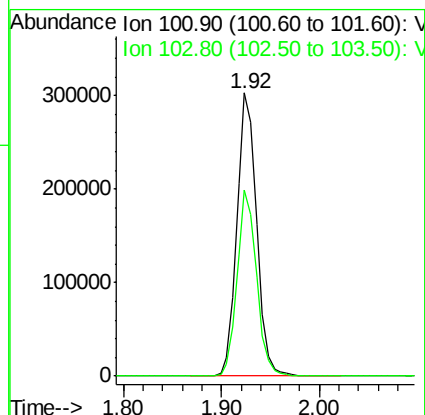
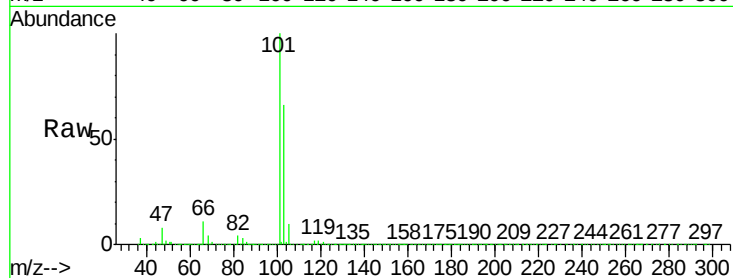


#7

Trichlorofluoromethane
 Concen: 51.43 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

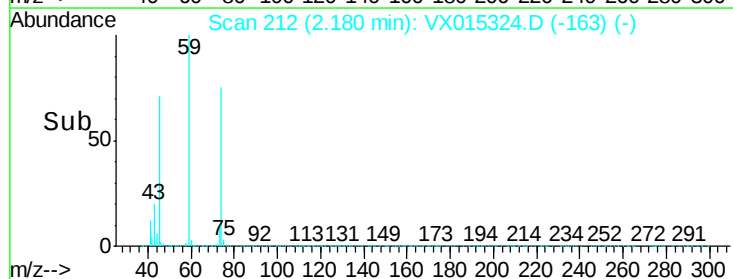
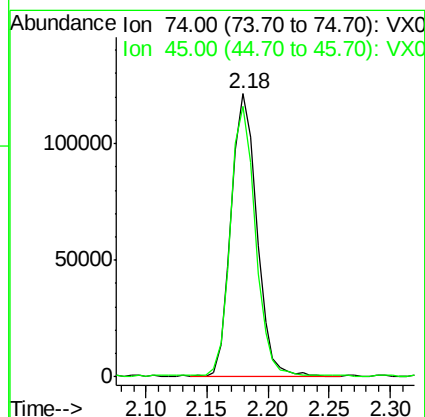
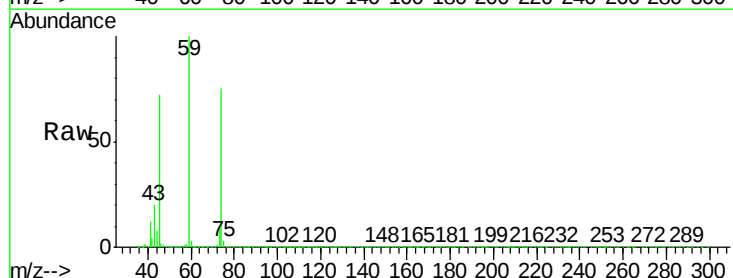
Tgt Ion:101 Resp: 423415
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.6 79.0

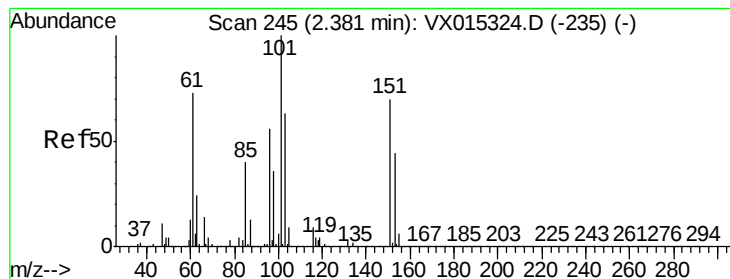


#8

Diethyl Ether
 Concen: 47.88 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion: 74 Resp: 175531
 Ion Ratio Lower Upper
 74 100
 45 93.0 46.5 139.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.77 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

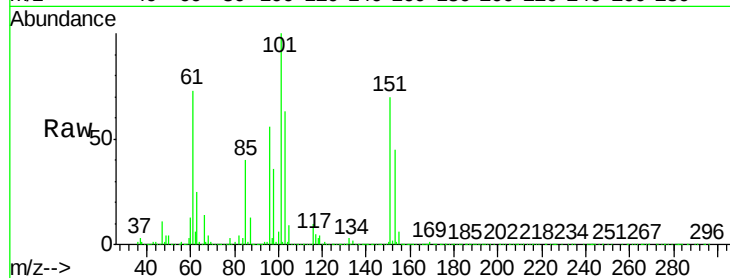
Tgt Ion:101 Resp: 280749

Ion Ratio Lower Upper

101 100

85 40.3 32.2 48.4

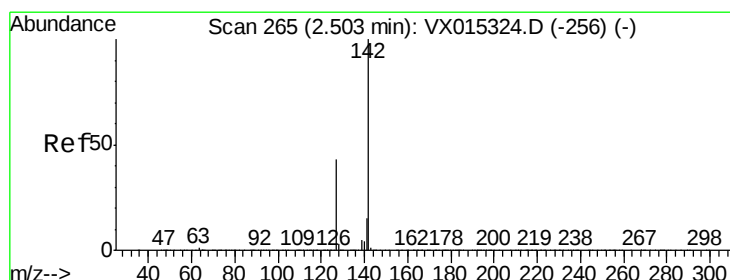
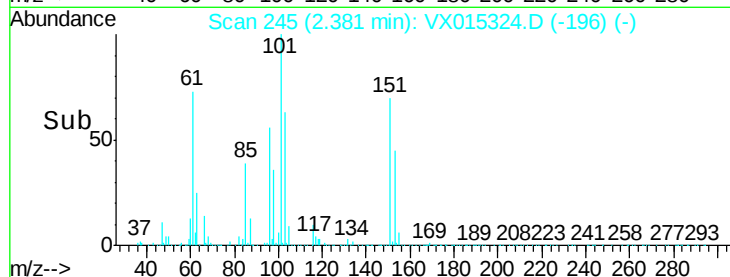
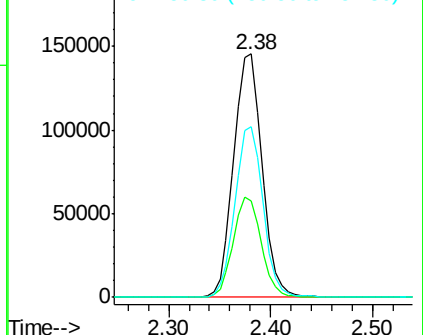
151 68.8 55.0 82.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.26 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

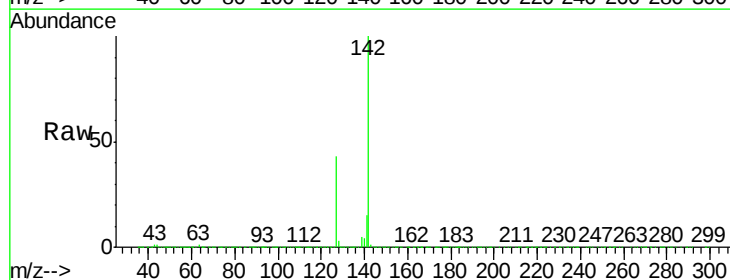
Tgt Ion:142 Resp: 314617

Ion Ratio Lower Upper

142 100

127 42.0 33.6 50.4

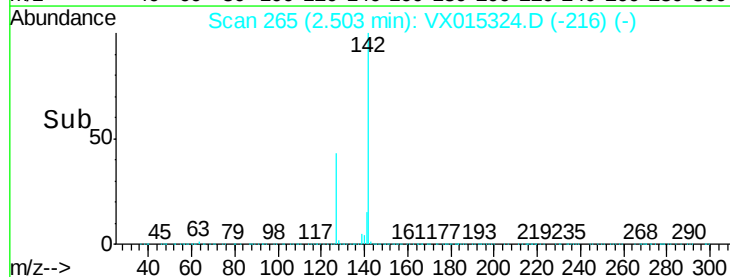
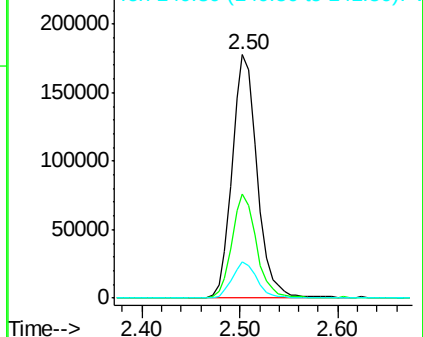
141 14.9 11.9 17.9

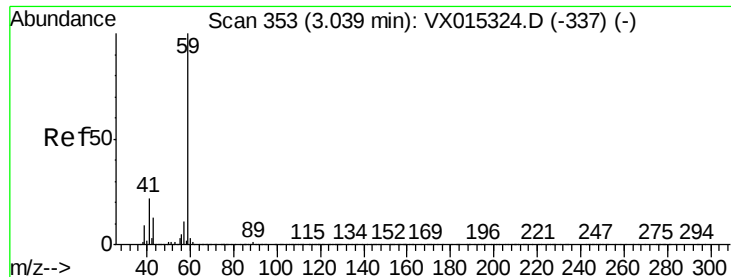


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

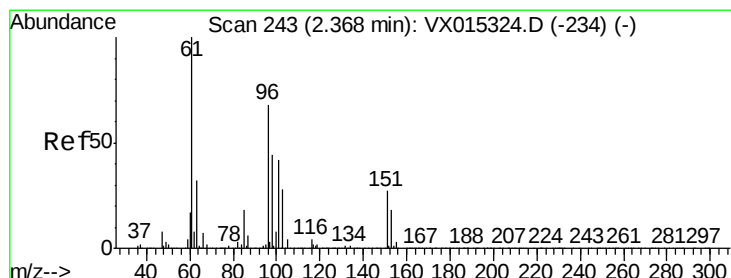
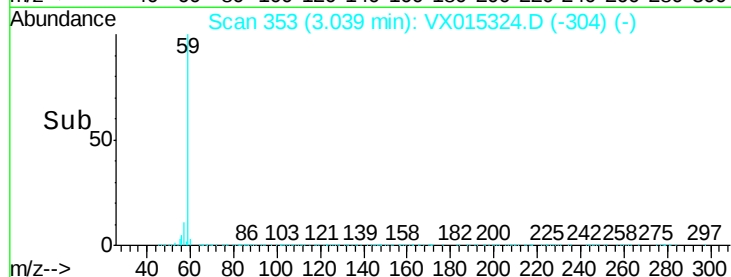
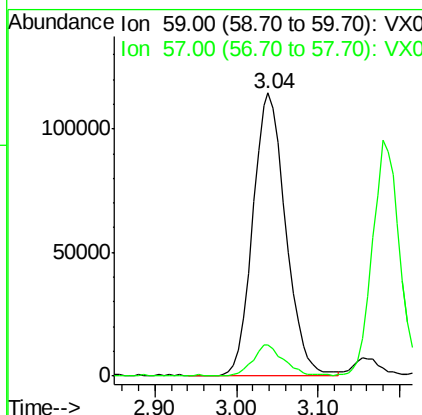
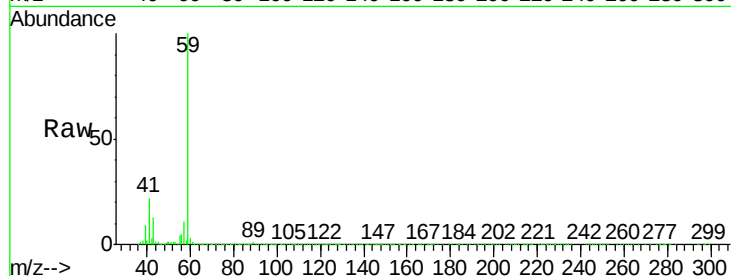




#11
Tert butyl alcohol
Concen: 278.17 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

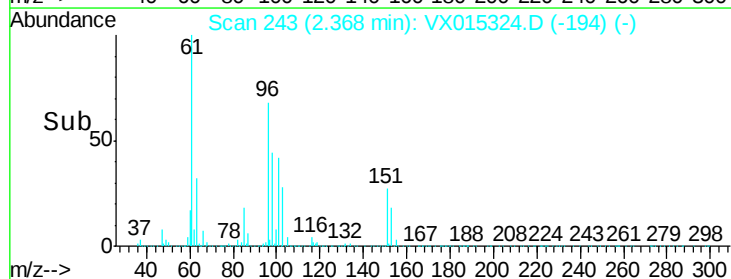
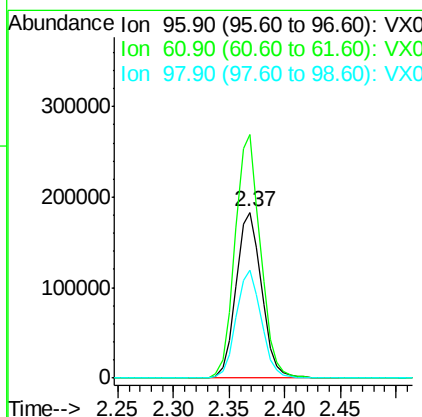
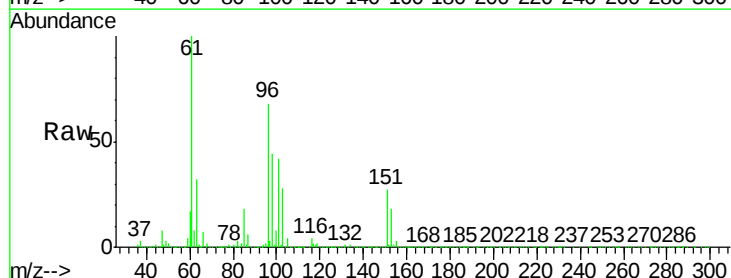
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

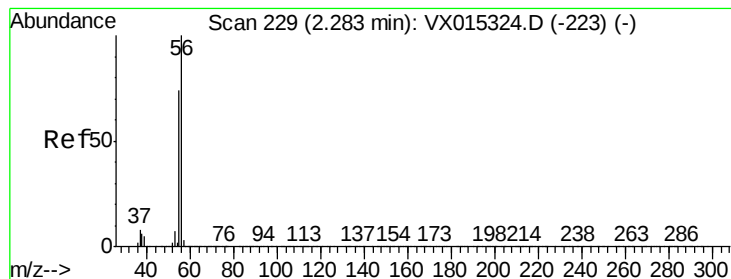
Tgt Ion: 59 Resp: 322958
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 53.53 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion: 96 Resp: 289473
Ion Ratio Lower Upper
96 100
61 147.1 117.7 176.5
98 65.4 52.3 78.5





#13

Acrolein

Concen: 266.19 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

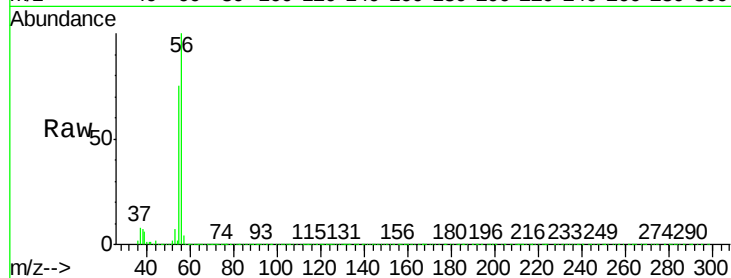
VSTDICCC050

Tgt Ion: 56 Resp: 287417

Ion Ratio Lower Upper

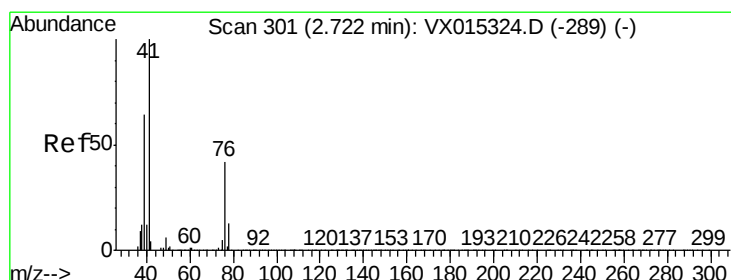
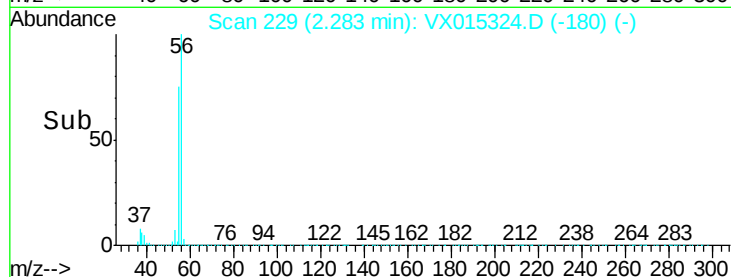
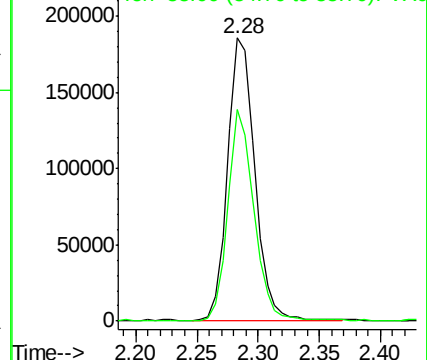
56 100

55 70.7 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.11 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

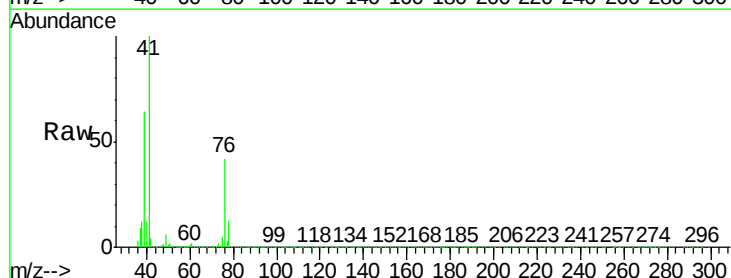
Tgt Ion: 41 Resp: 485763

Ion Ratio Lower Upper

41 100

39 58.5 46.8 70.2

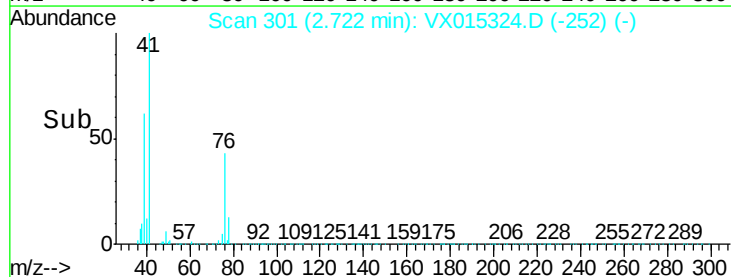
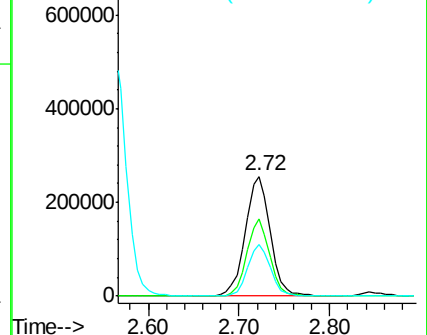
76 38.4 30.7 46.1

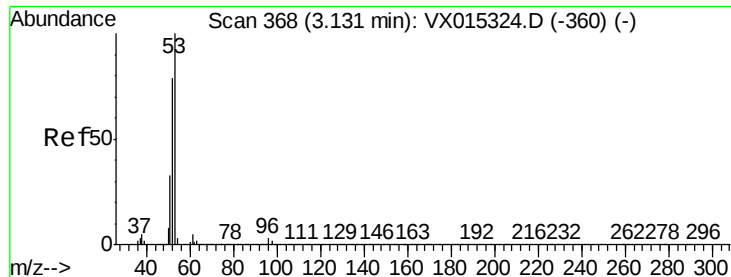


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 296.58 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

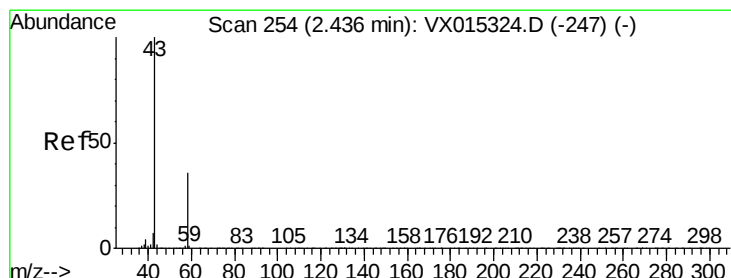
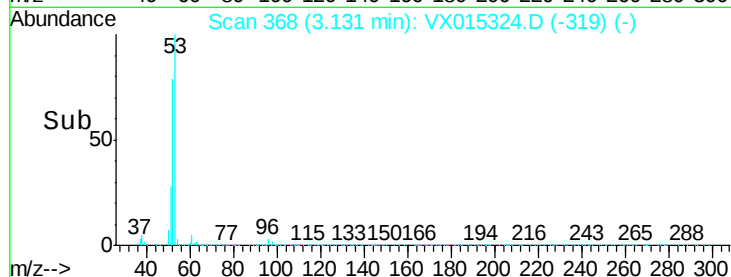
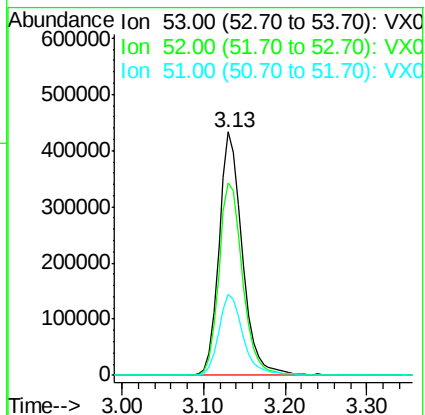
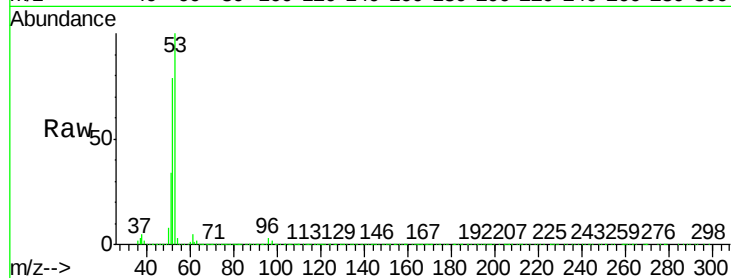
MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 53 Resp: 858838

Ion	Ratio	Lower	Upper
53	100		
52	80.8	64.6	97.0
51	34.4	27.5	41.3



#16

Acetone

Concen: 234.07 ug/l

RT: 2.44 min Scan# 254

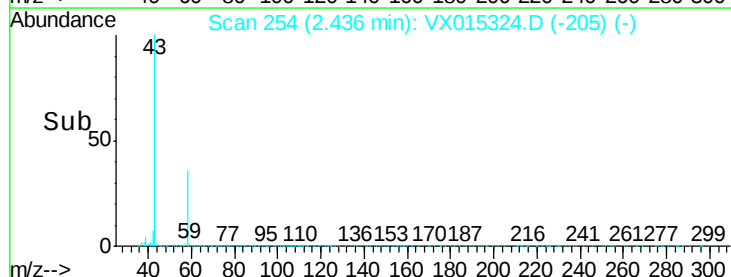
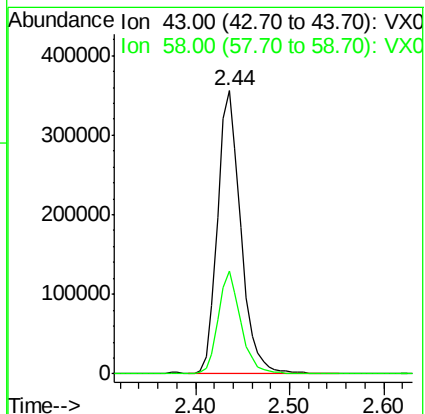
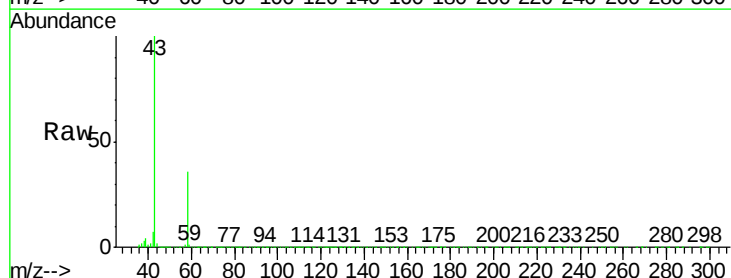
Delta R.T. 0.00 min

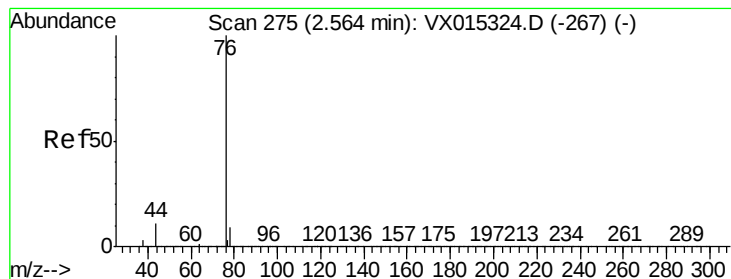
Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Tgt Ion: 43 Resp: 607190

Ion	Ratio	Lower	Upper
43	100		
58	36.2	29.0	43.4





#17

Carbon Disulfide

Concen: 55.04 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

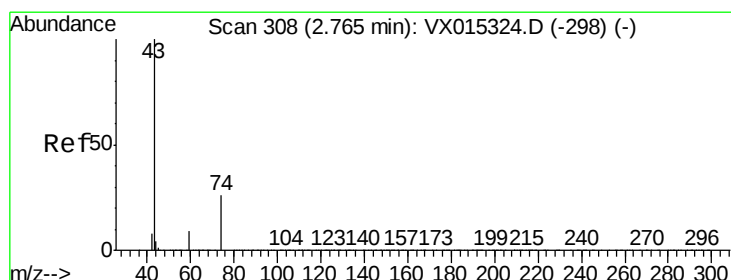
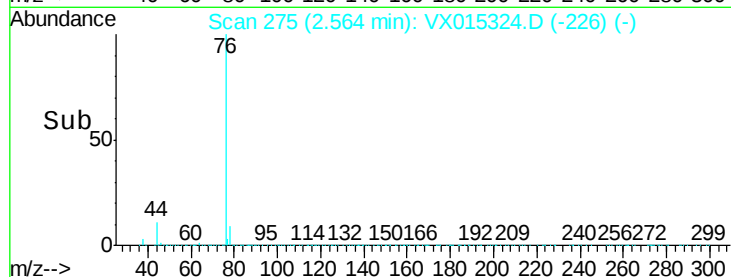
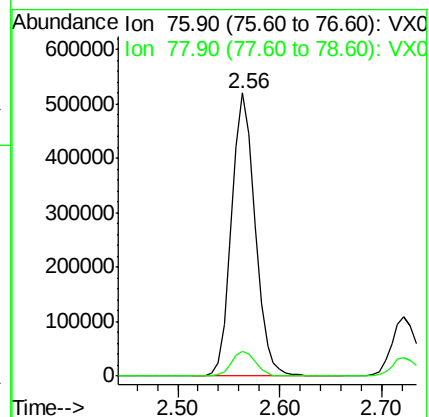
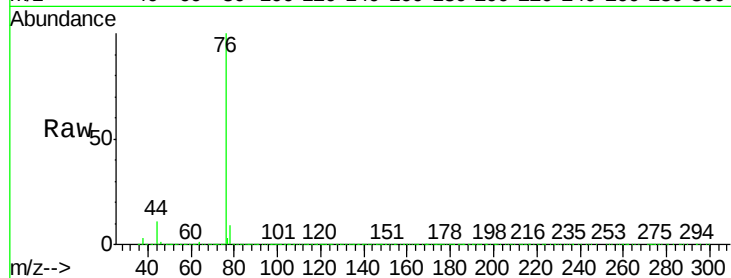
VSTDICCC050

Tgt Ion: 76 Resp: 829520

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 51.68 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015324.D

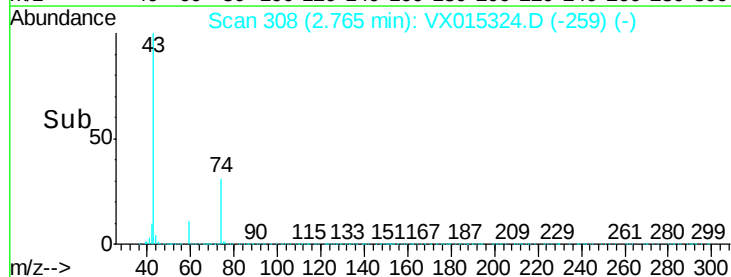
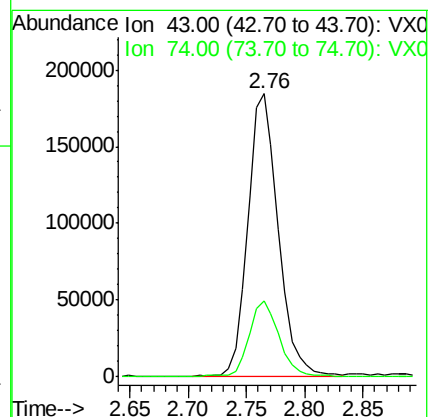
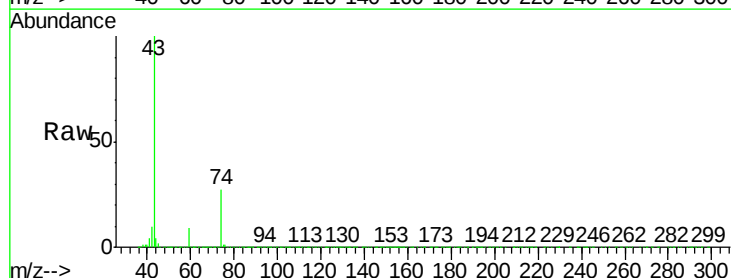
Acq: 18 Mar 2020 13:47

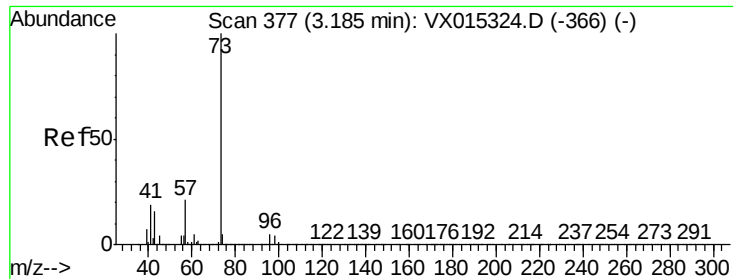
Tgt Ion: 43 Resp: 336329

Ion Ratio Lower Upper

43 100

74 27.4 21.9 32.9

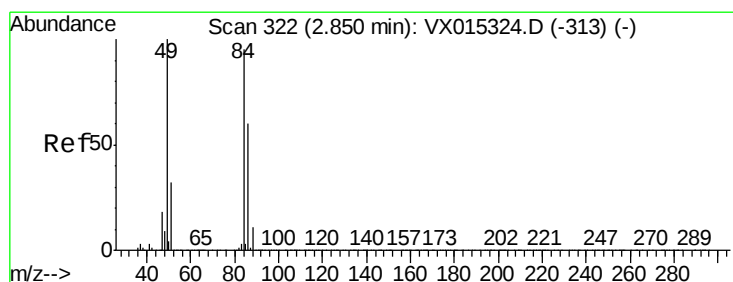
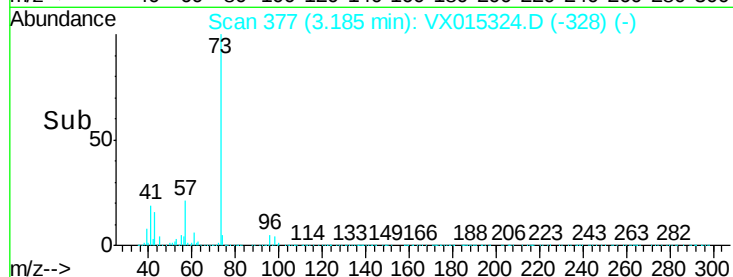
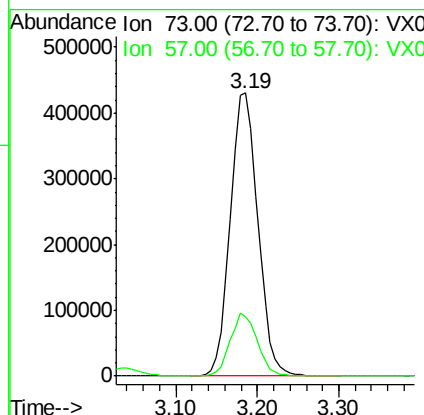
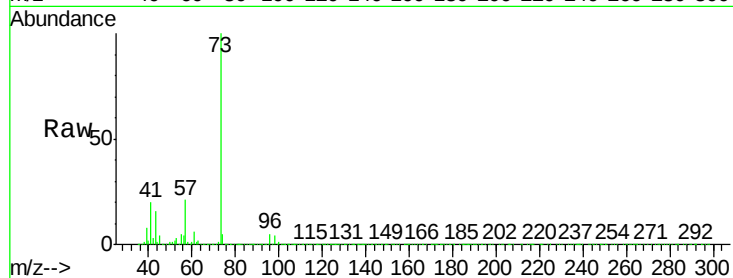




#19
Methyl tert-butyl Ether
Concen: 58.62 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

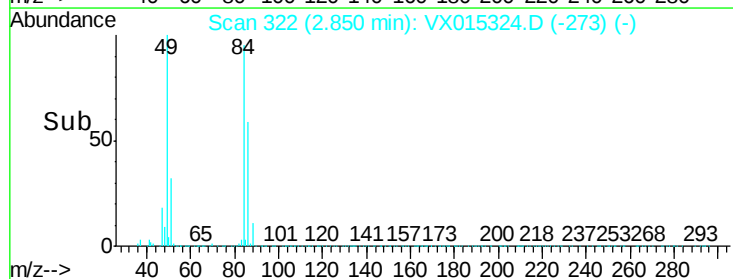
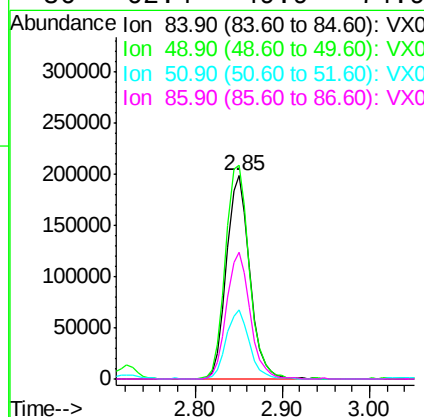
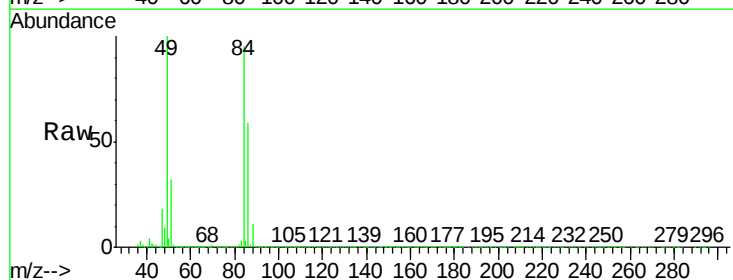
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

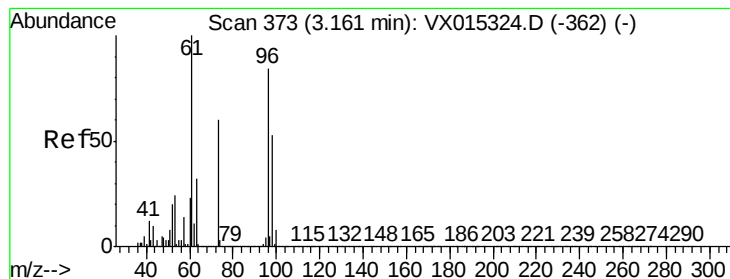
Tgt Ion: 73 Resp: 1001987
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2



#20
Methylene Chloride
Concen: 57.37 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion: 84 Resp: 367193
Ion Ratio Lower Upper
84 100
49 105.0 84.0 126.0
51 33.8 27.0 40.6
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 61.77 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

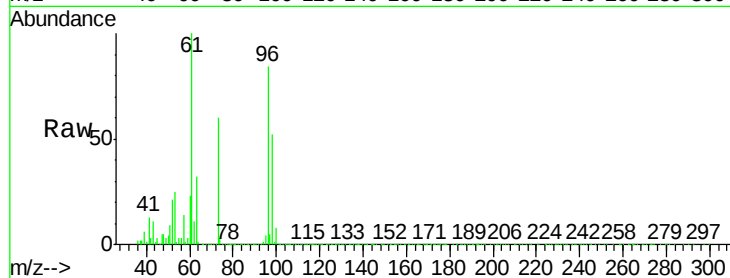
Tgt Ion: 96 Resp: 368041

Ion Ratio Lower Upper

96 100

61 119.4 95.5 143.3

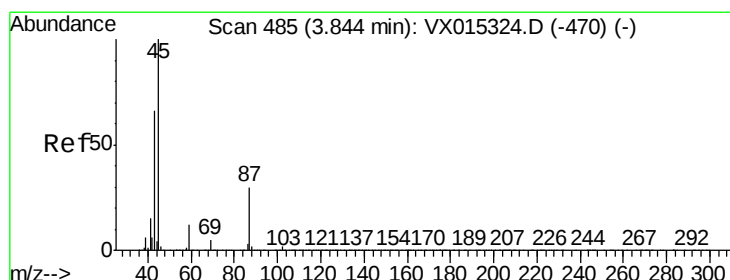
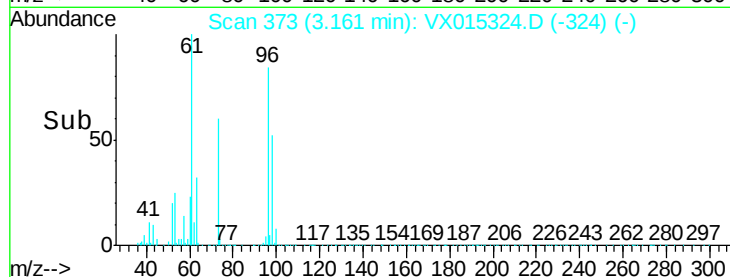
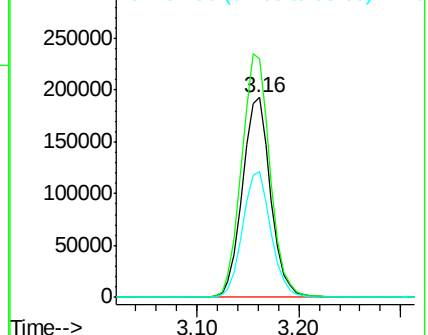
98 62.7 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.58 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Tgt Ion: 45 Resp: 1041915

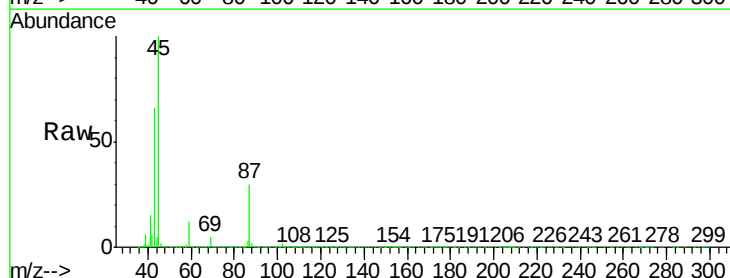
Ion Ratio Lower Upper

45 100

43 66.0 52.8 79.2

87 30.4 24.3 36.5

59 12.1 9.7 14.5

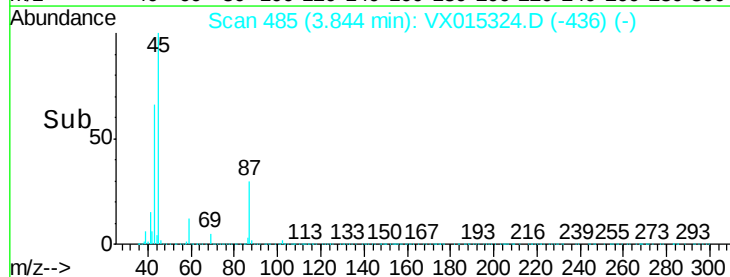
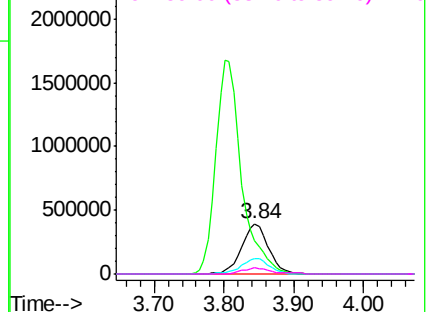


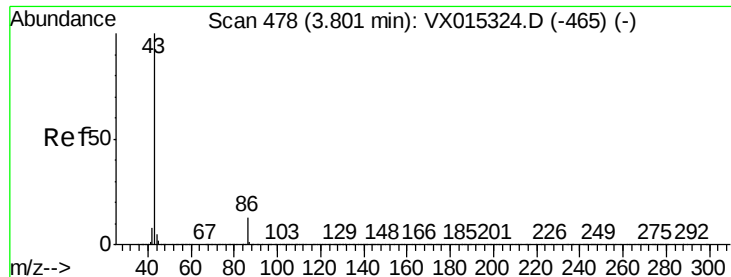
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 280.02 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

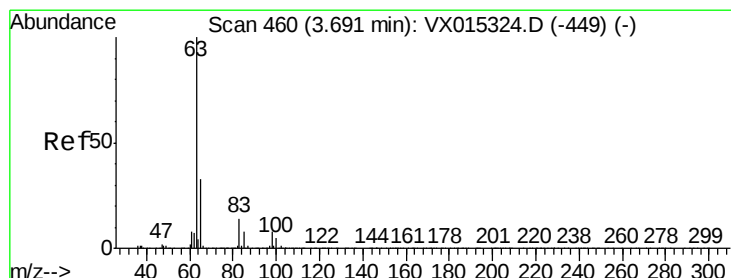
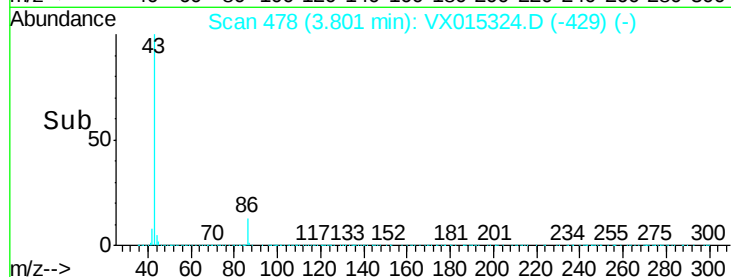
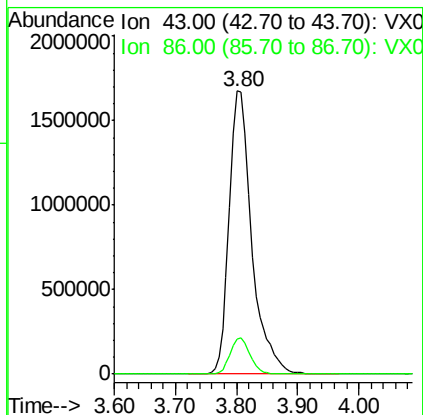
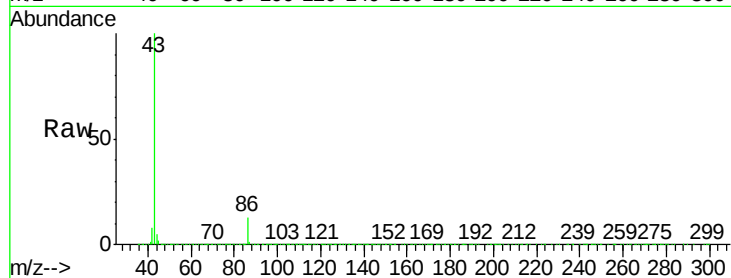
VSTDICCC050

Tgt Ion: 43 Resp: 4292005

Ion Ratio Lower Upper

43 100

86 12.6 10.1 15.1



#24

1,1-Dichloroethane

Concen: 56.62 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

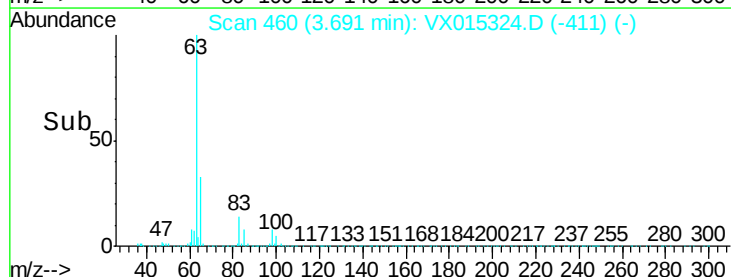
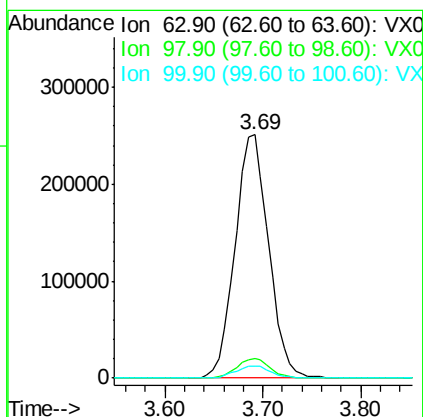
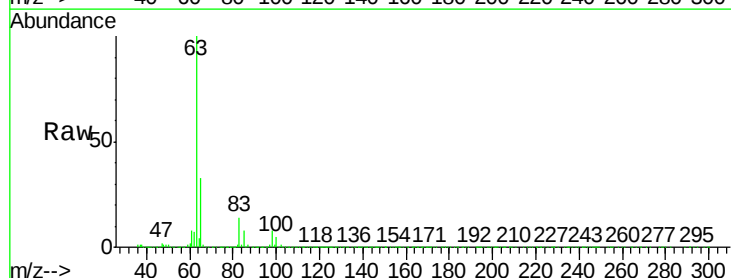
Tgt Ion: 63 Resp: 595199

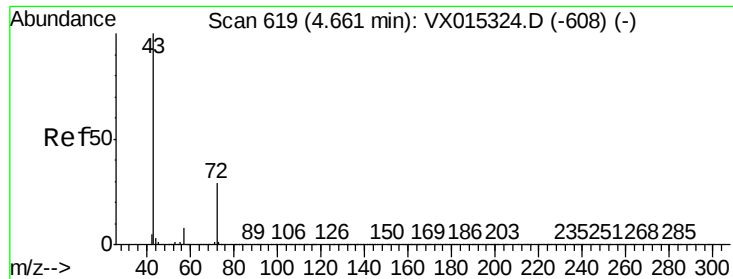
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 272.35 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

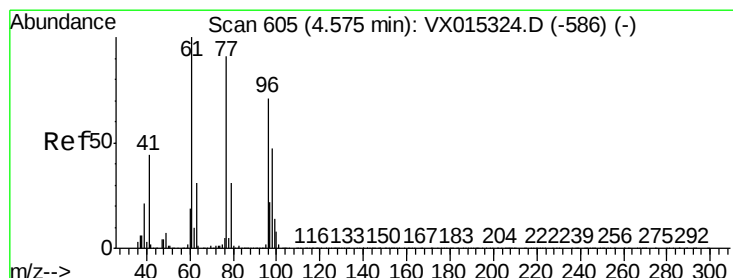
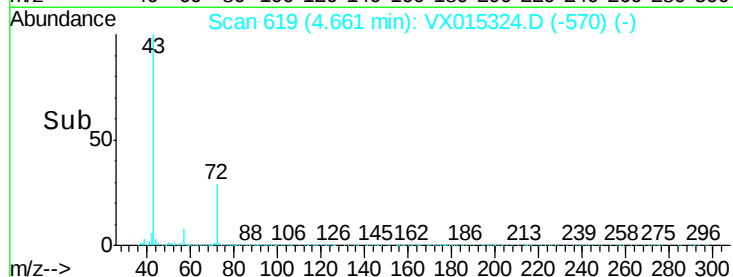
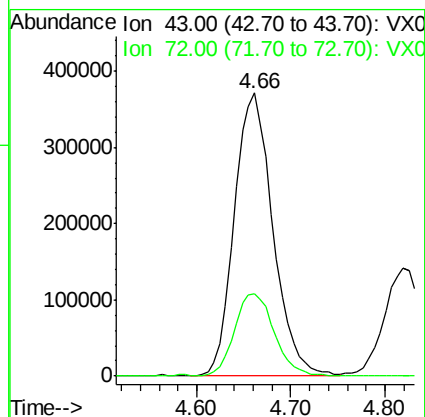
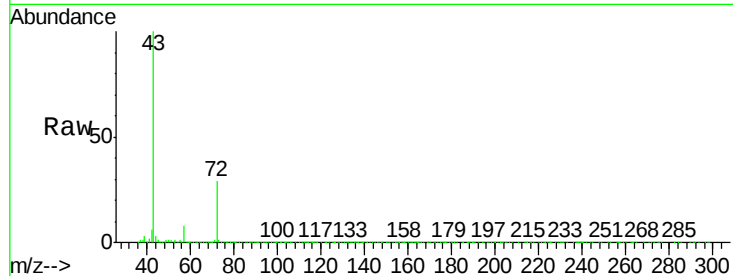
VSTDICCC050

Tgt Ion: 43 Resp: 1055341

Ion Ratio Lower Upper

43 100

72 28.9 23.1 34.7



#26

2,2-Dichloropropane

Concen: 54.83 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015324.D

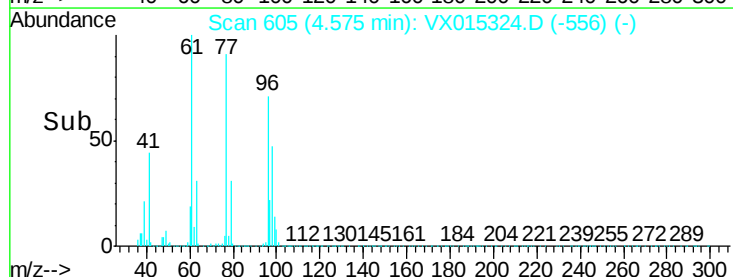
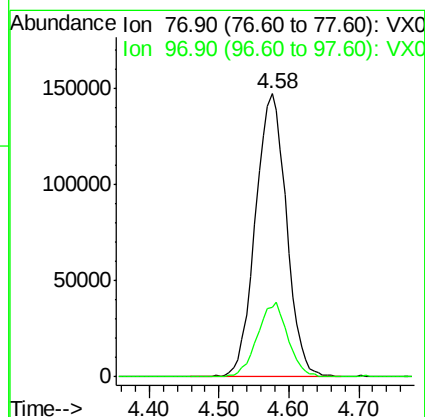
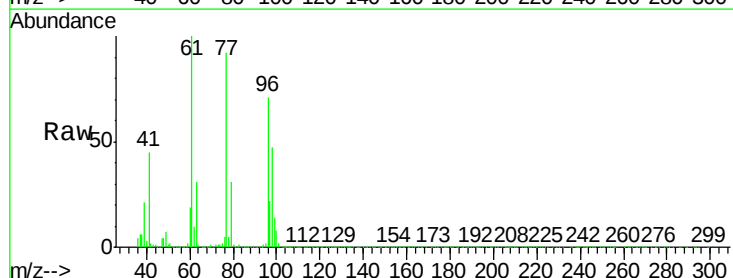
Acq: 18 Mar 2020 13:47

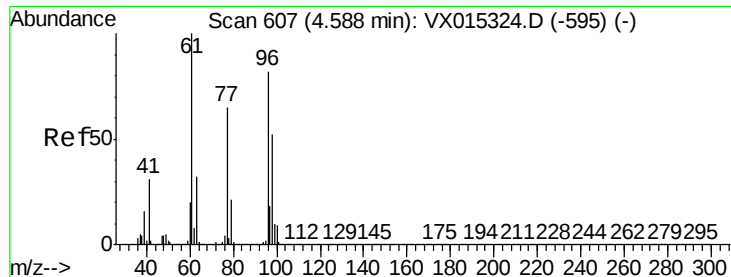
Tgt Ion: 77 Resp: 453915

Ion Ratio Lower Upper

77 100

97 25.9 13.0 38.9



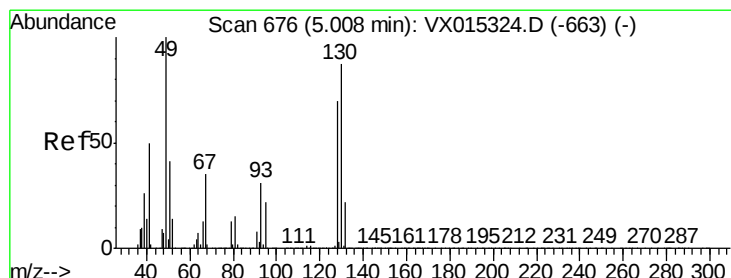
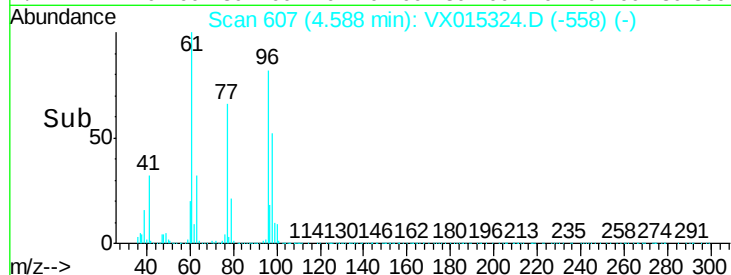
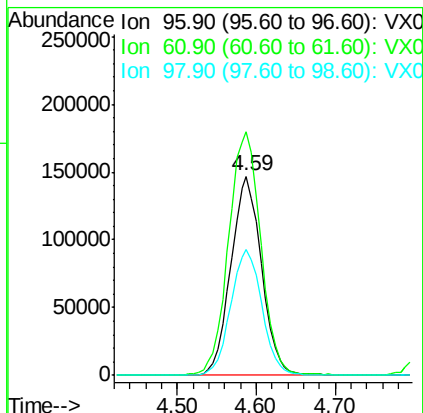
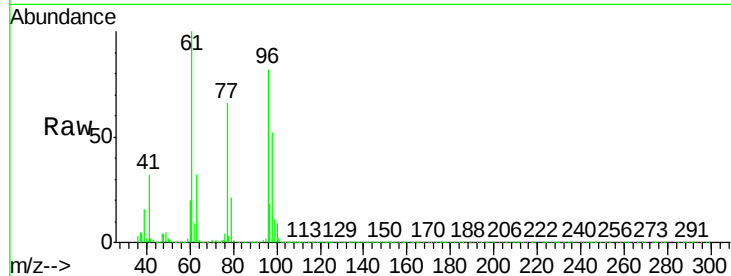


#27

cis-1,2-Dichloroethene
Concen: 60.03 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

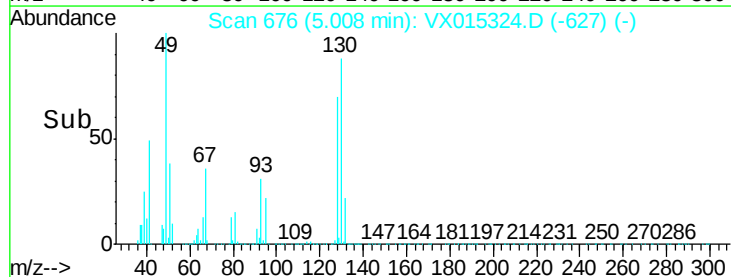
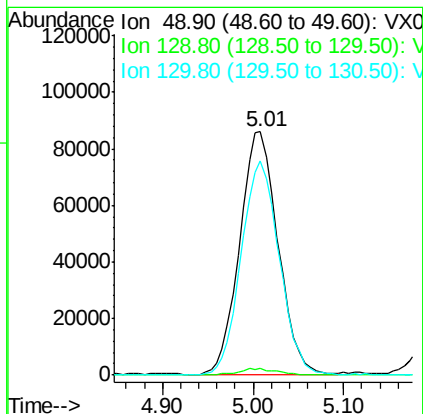
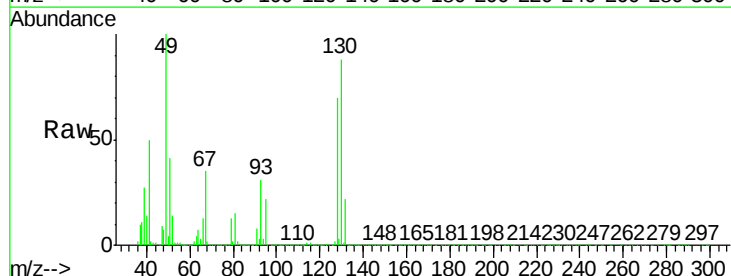
Tgt Ion: 96 Resp: 396749
Ion Ratio Lower Upper
96 100
61 127.9 0.0 255.8
98 64.4 0.0 128.8

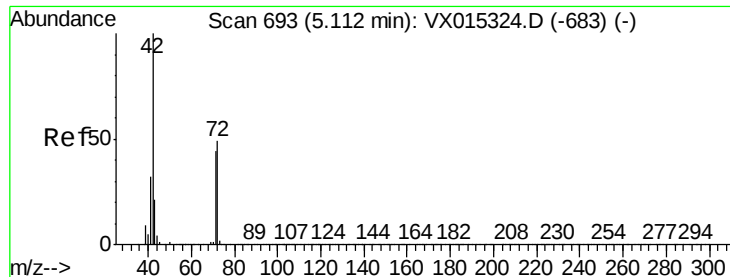


#28

Bromochloromethane
Concen: 53.36 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion: 49 Resp: 250759
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.4
130 87.4 69.9 104.9

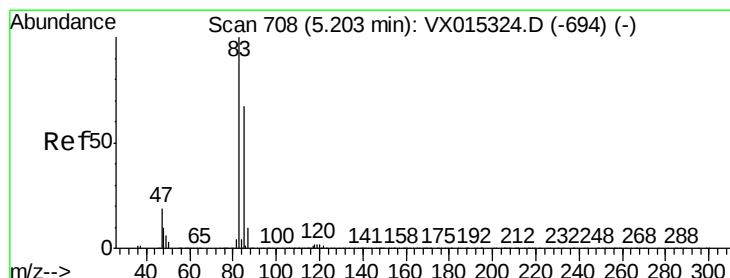
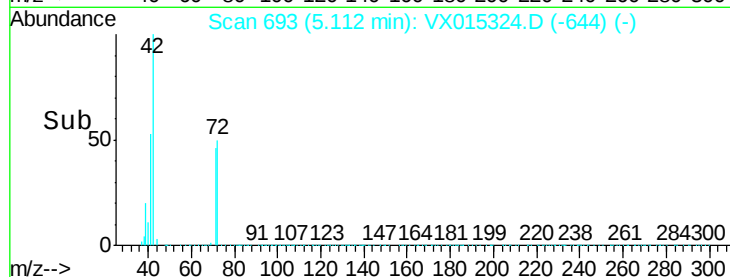
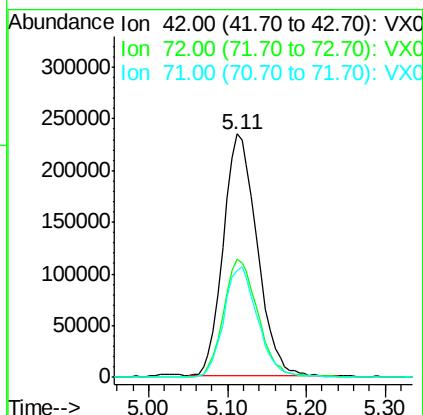
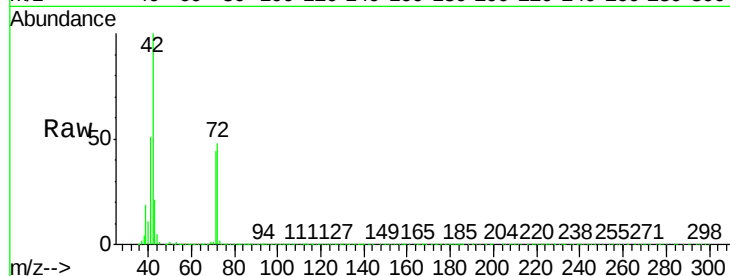




#29
Tetrahydrofuran
Concen: 277.89 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

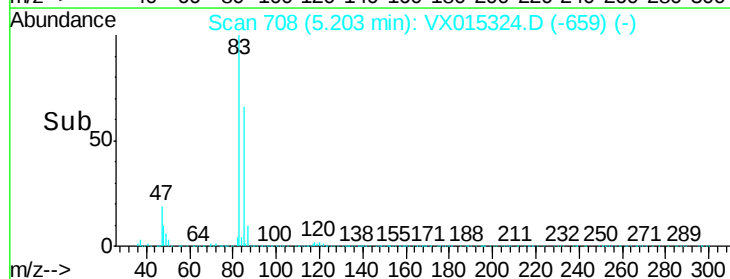
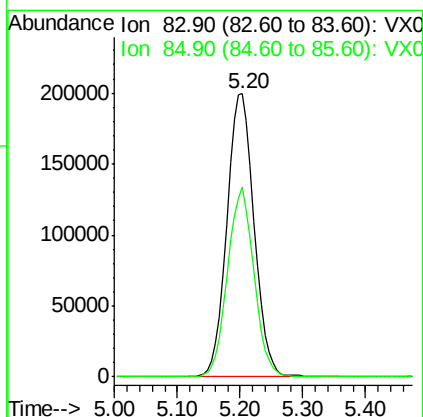
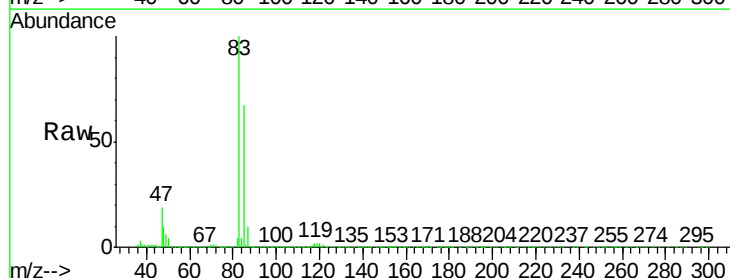
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

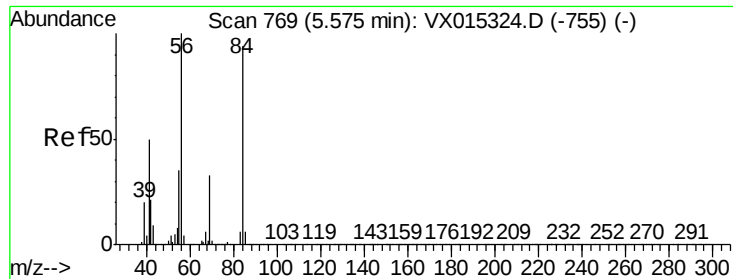
Tgt Ion:	42	Resp:	700992
Ion	Ratio	Lower	Upper
42	100		
72	49.5	39.6	59.4
71	45.6	36.5	54.7



#30
Chloroform
Concen: 57.91 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion:	83	Resp:	596697
Ion	Ratio	Lower	Upper
83	100		
85	67.2	53.8	80.6

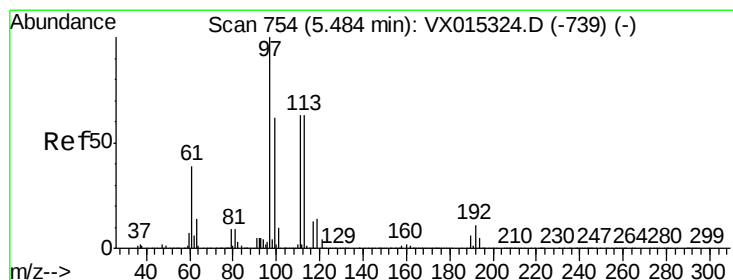
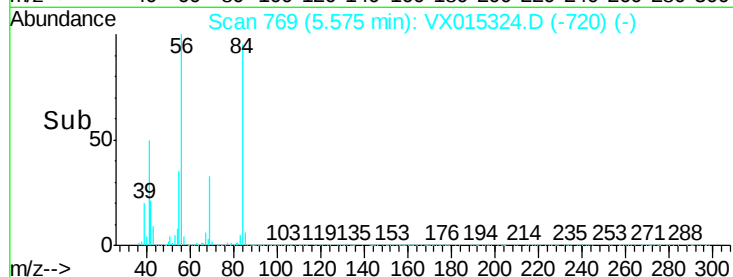
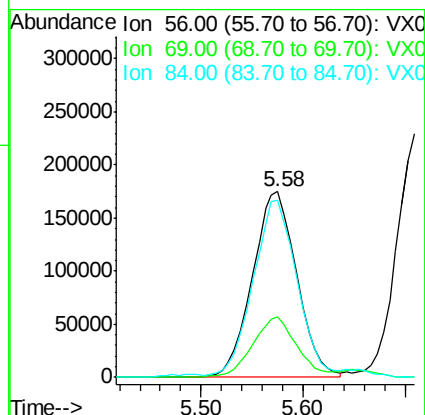
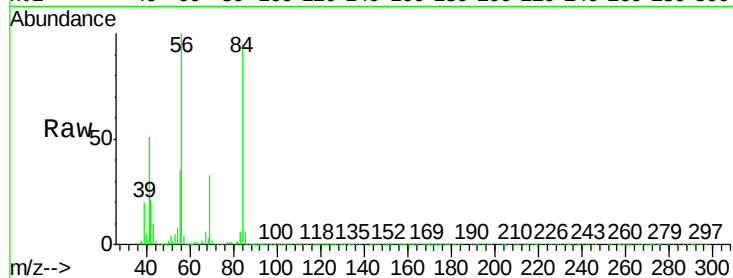




#31
Cyclohexane
Concen: 56.23 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

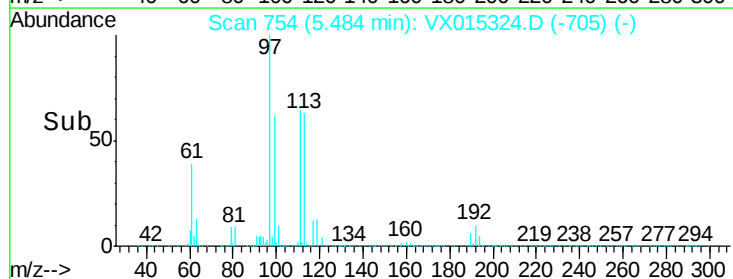
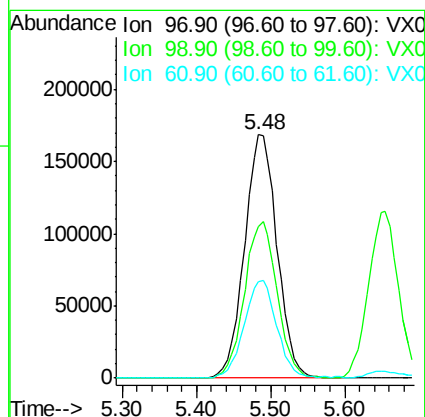
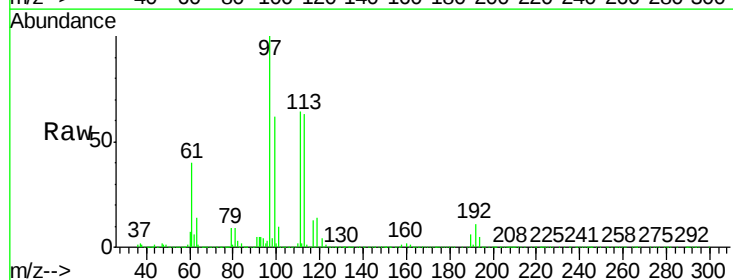
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

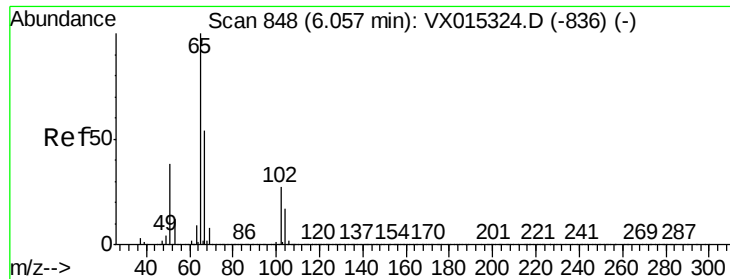
Tgt Ion: 56 Resp: 528417
Ion Ratio Lower Upper
56 100
69 32.8 26.2 39.4
84 94.0 75.2 112.8



#32
1,1,1-Trichloroethane
Concen: 60.20 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion: 97 Resp: 517047
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 39.6 31.7 47.5

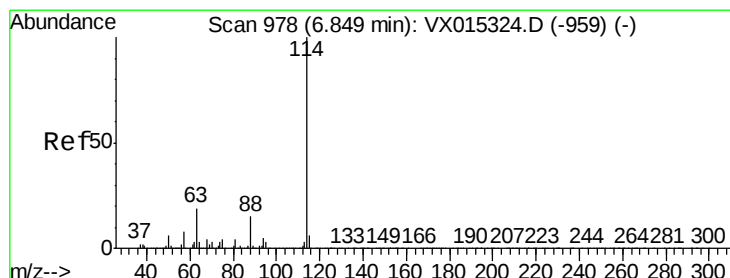
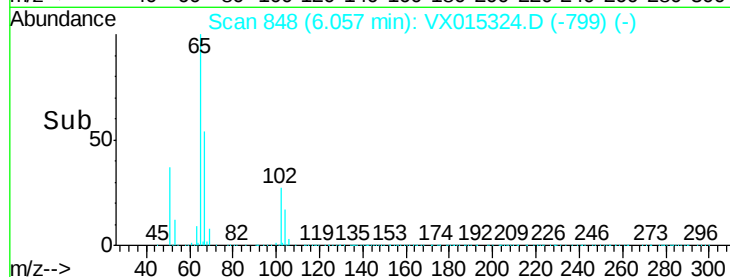
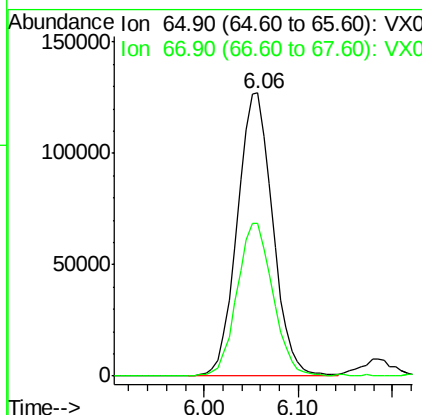
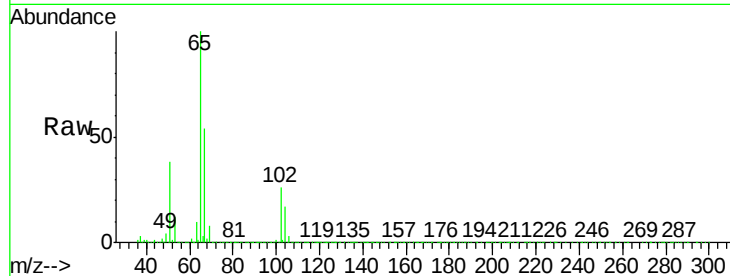




#33
 1,2-Dichloroethane-d4
 Concen: 50.65 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

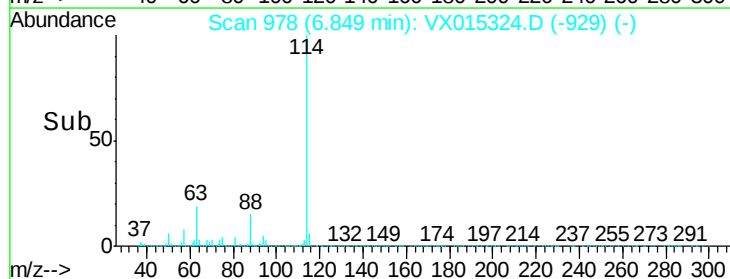
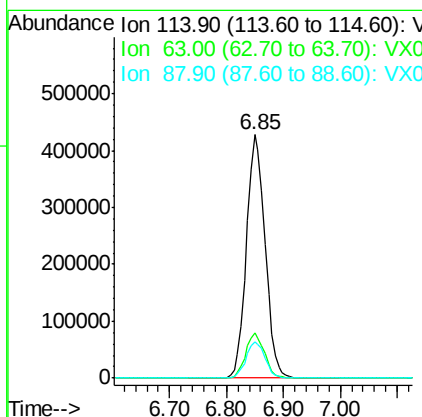
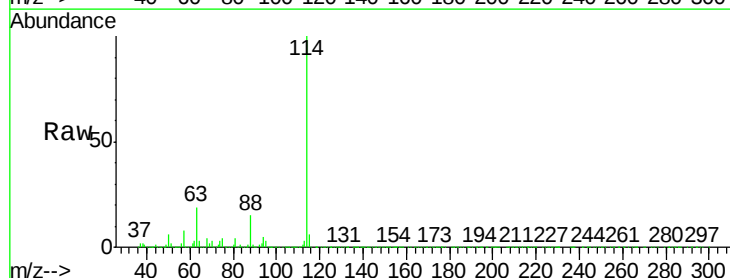
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

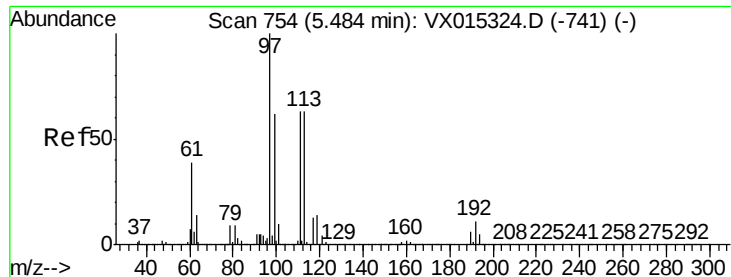
Tgt Ion: 65 Resp: 330776
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion: 114 Resp: 979294
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.4
 88 15.0 0.0 30.0

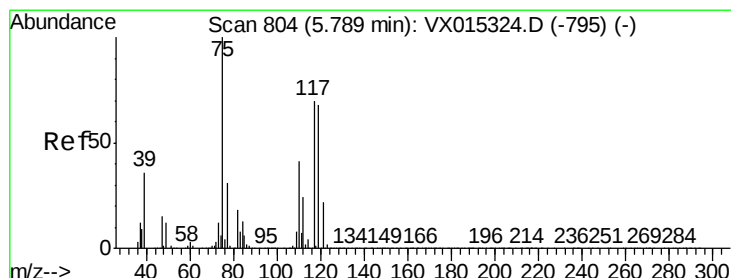
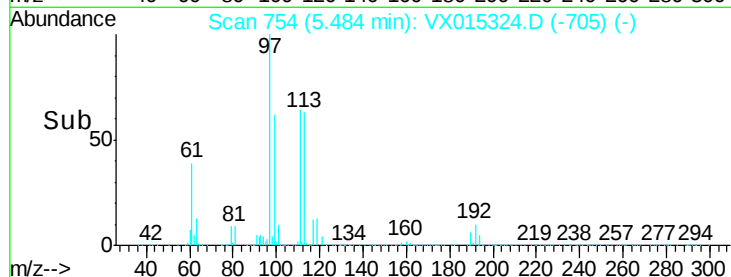
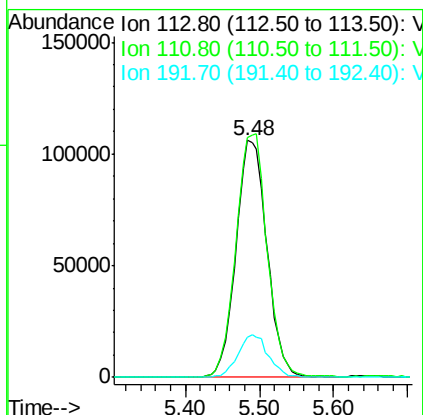
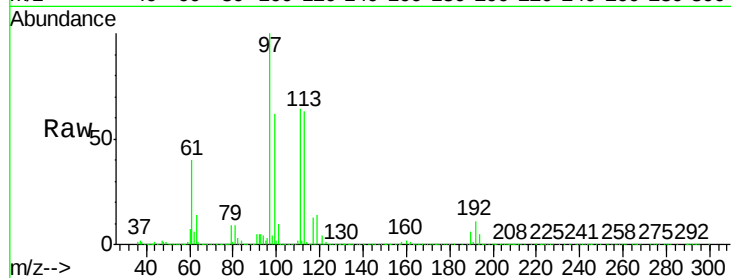




#35
Dibromofluoromethane
Concen: 49.88 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

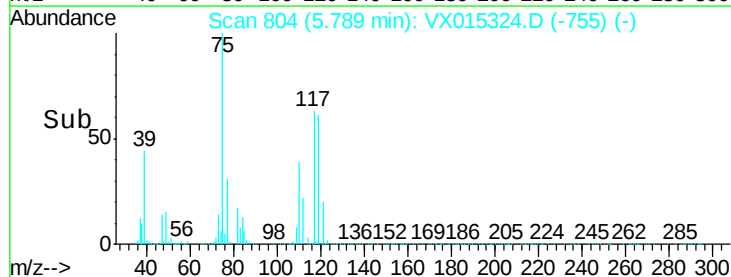
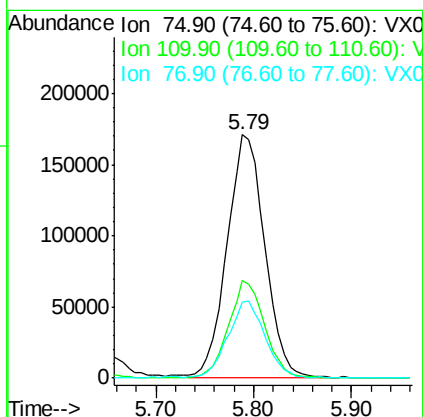
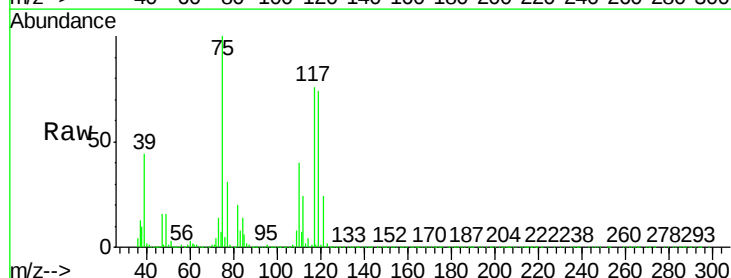
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

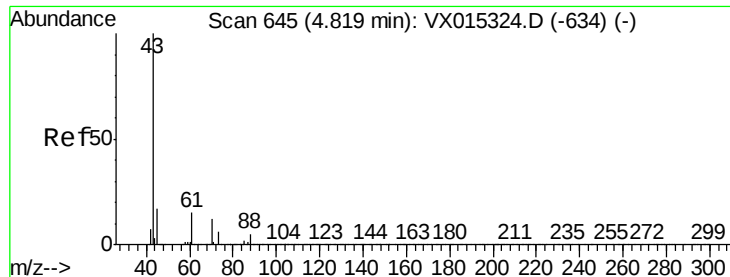
Tgt Ion: 113 Resp: 309786
Ion Ratio Lower Upper
113 100
111 103.1 82.5 123.7
192 17.7 14.2 21.2



#36
1,1-Dichloropropene
Concen: 49.88 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion: 75 Resp: 453595
Ion Ratio Lower Upper
75 100
110 38.9 19.4 58.4
77 30.8 24.6 37.0

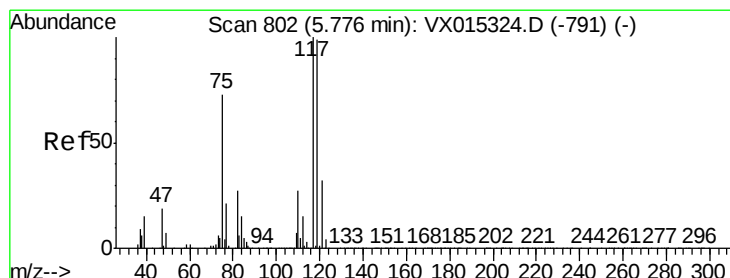
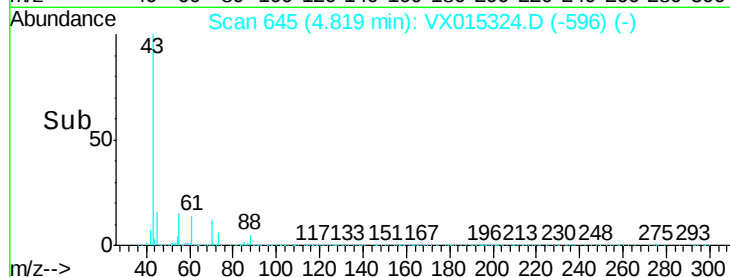
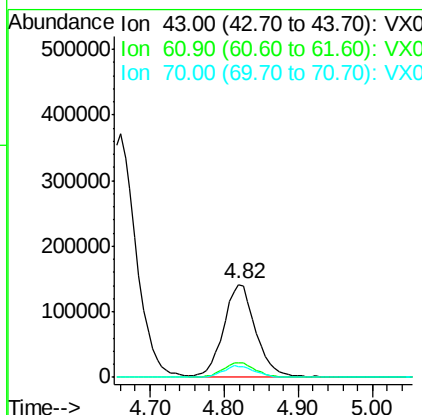
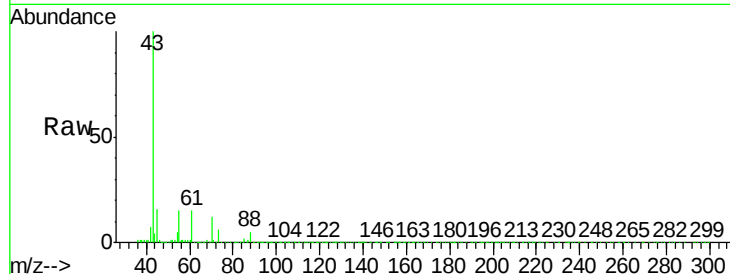




#37
Ethyl Acetate
Concen: 50.55 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

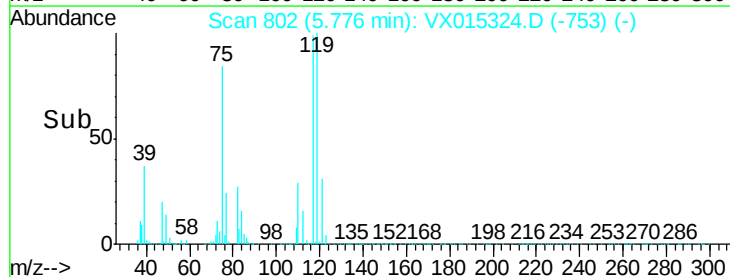
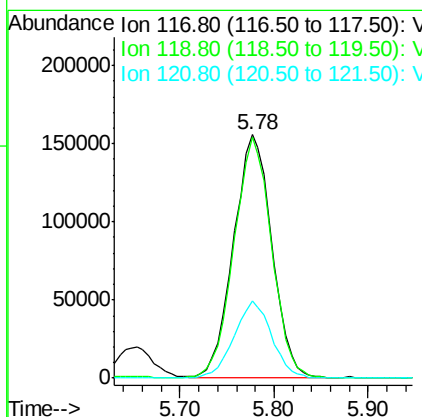
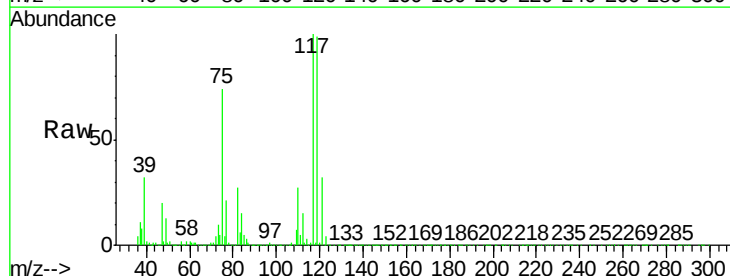
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

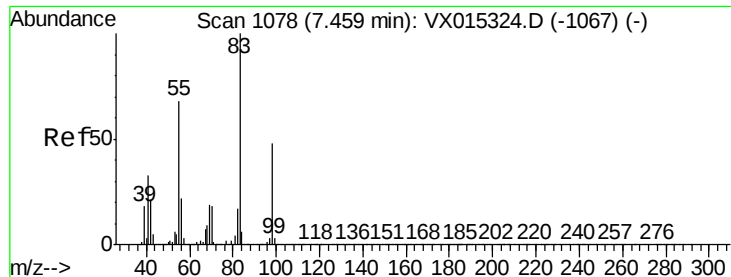
Tgt Ion:	43	Resp:	419358
Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.2	18.2
70	12.2	9.8	14.6



#38
Carbon Tetrachloride
Concen: 51.37 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion:	117	Resp:	442196
Ion	Ratio	Lower	Upper
117	100		
119	99.1	79.3	118.9
121	31.7	25.4	38.0

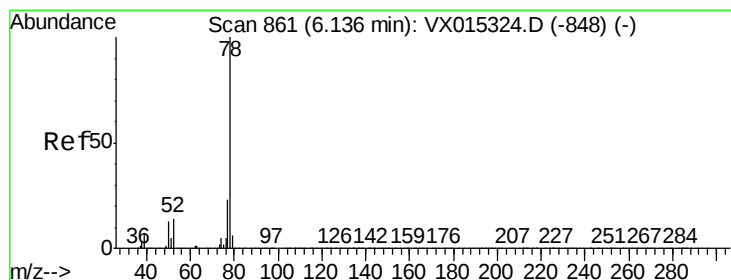
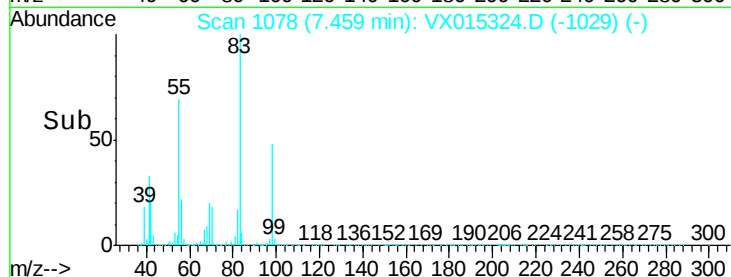
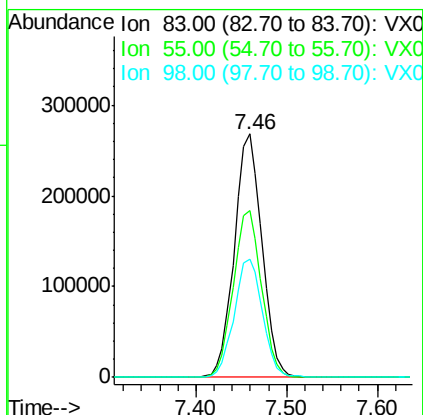
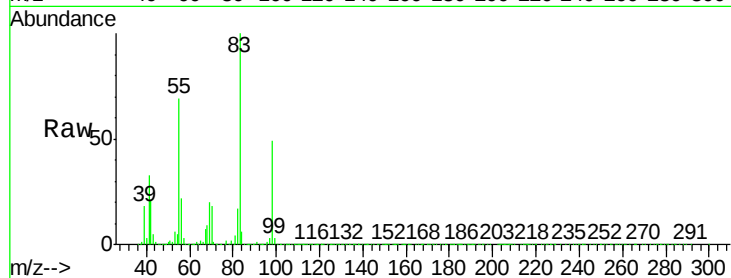




#39
Methylcyclohexane
Concen: 52.99 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

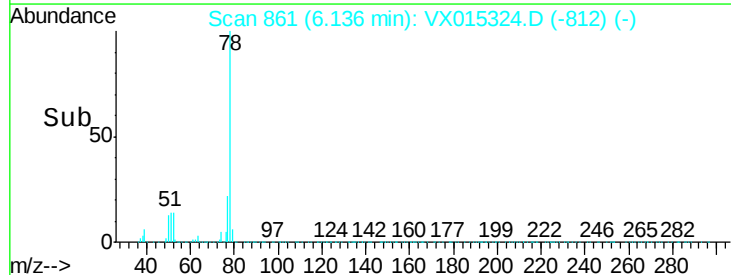
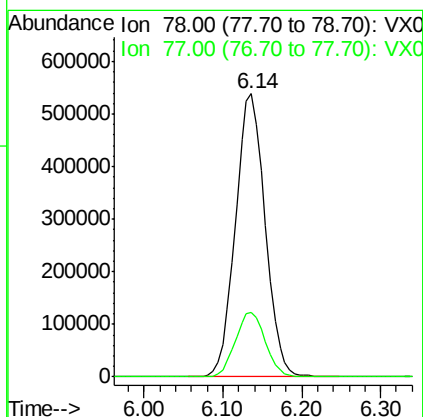
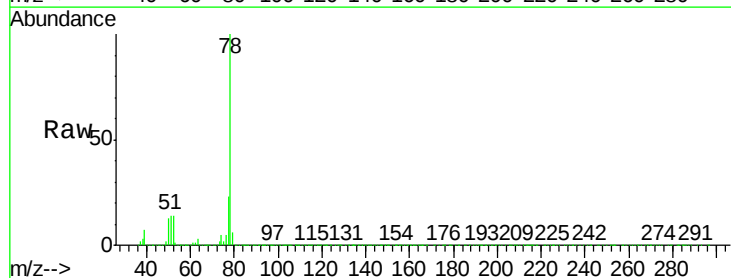
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

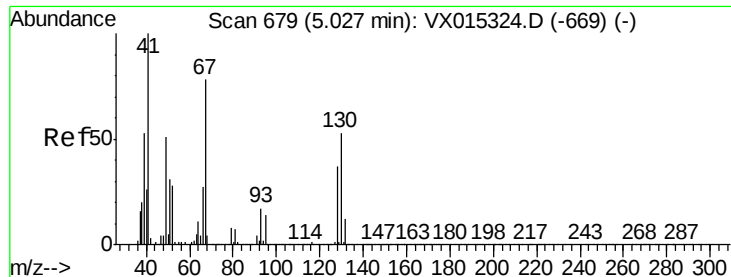
Tgt Ion: 83 Resp: 565881
Ion Ratio Lower Upper
83 100
55 68.5 54.8 82.2
98 48.5 38.8 58.2



#40
Benzene
Concen: 52.09 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion: 78 Resp: 1411568
Ion Ratio Lower Upper
78 100
77 22.8 18.2 27.4





#41

Methacrylonitrile

Concen: 45.64 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 226455

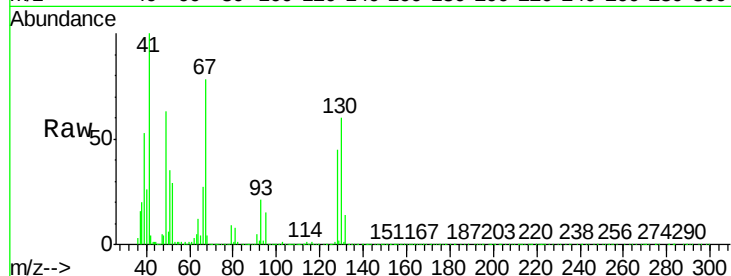
Ion Ratio Lower Upper

41 100

39 53.8 43.0 64.6

67 82.5 66.0 99.0

52 30.7 24.6 36.8

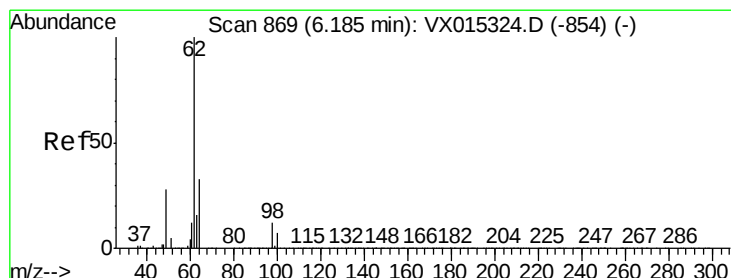
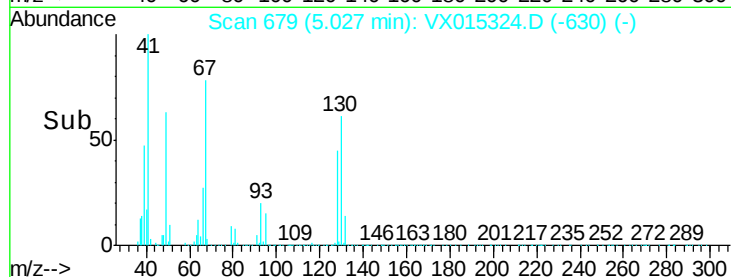
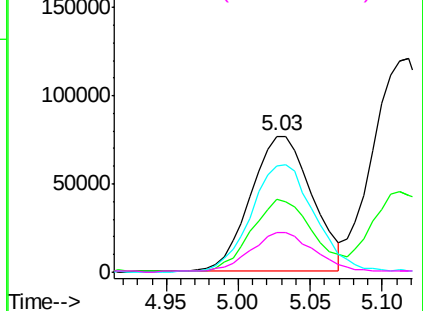


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.51 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX015324.D

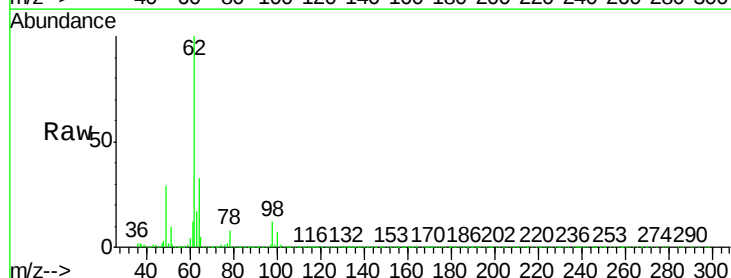
Acq: 18 Mar 2020 13:47

Tgt Ion: 62 Resp: 423230

Ion Ratio Lower Upper

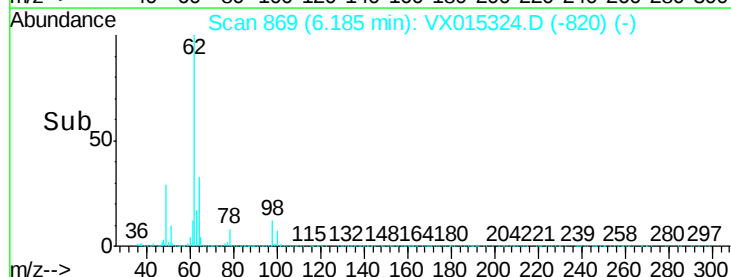
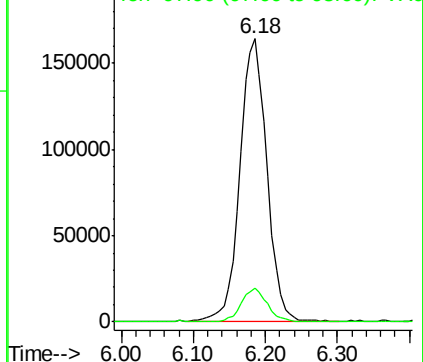
62 100

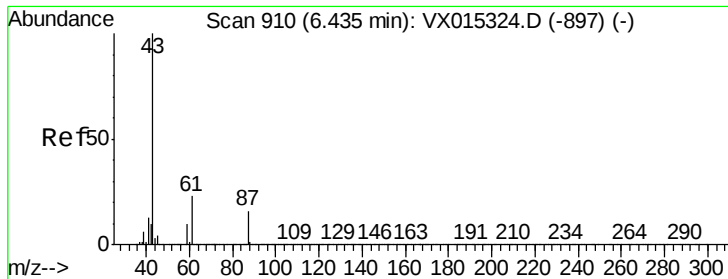
98 11.3 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



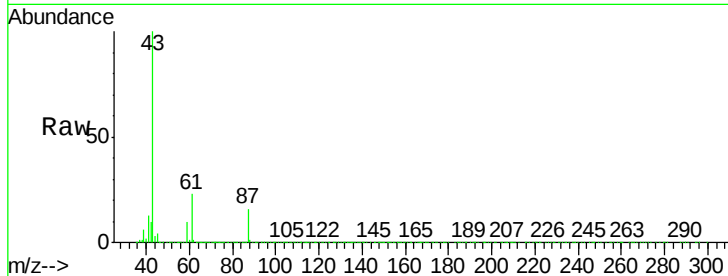


#43

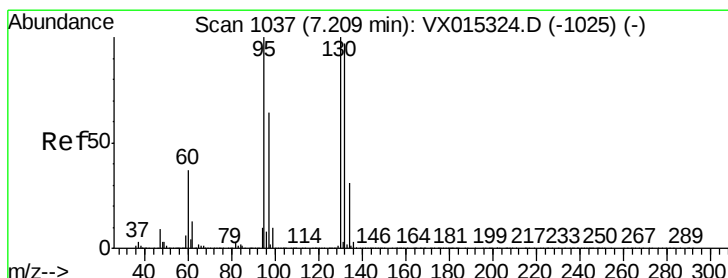
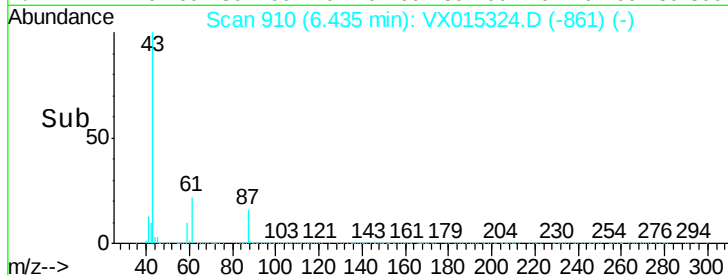
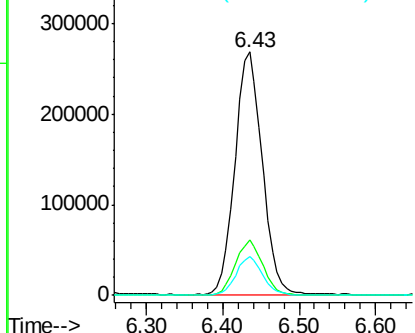
Isopropyl Acetate
 Concen: 45.80 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.7	18.2	27.2
87	15.4	12.3	18.5



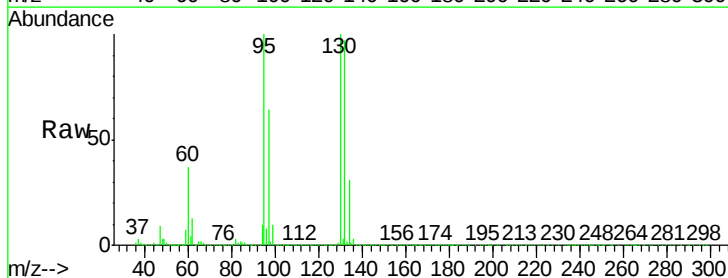
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



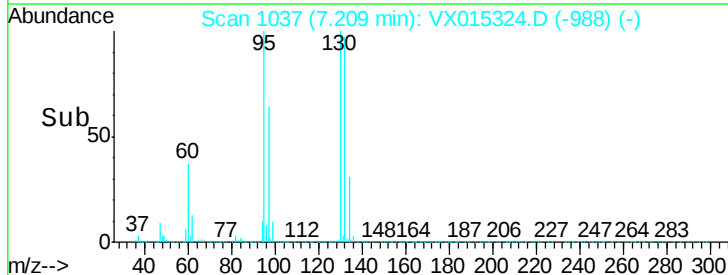
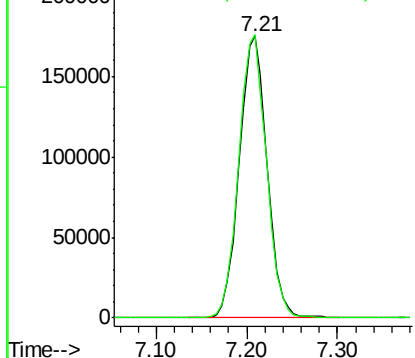
#44

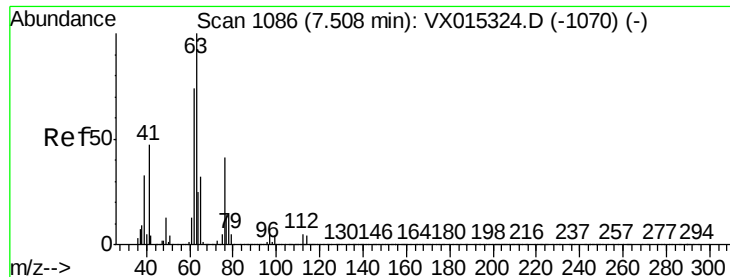
Trichloroethene
 Concen: 49.42 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	200.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.67 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

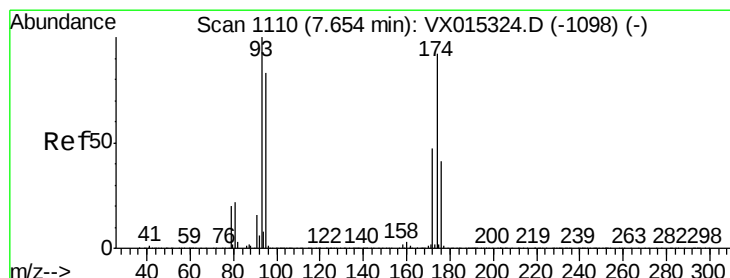
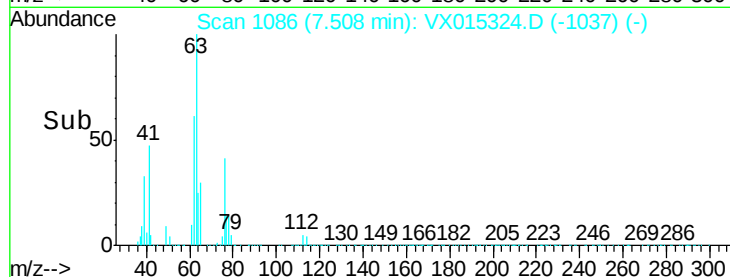
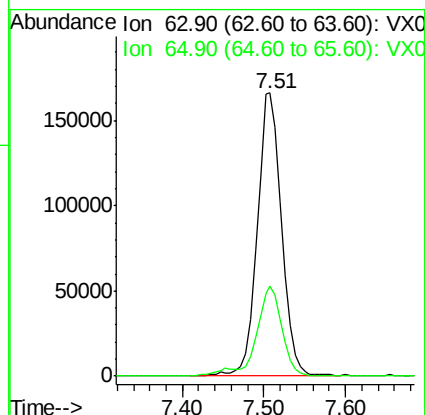
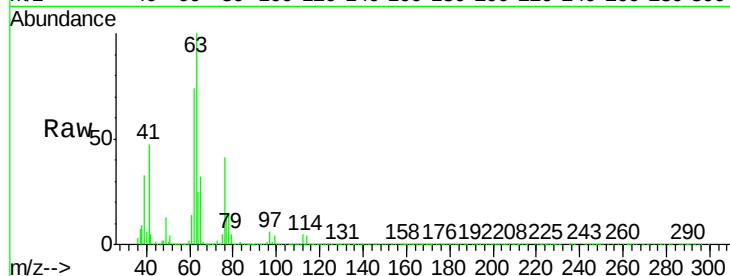
VSTDICCC050

Tgt Ion: 63 Resp: 344891

Ion Ratio Lower Upper

63 100

65 31.4 25.1 37.7



#46

Dibromomethane

Concen: 50.83 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

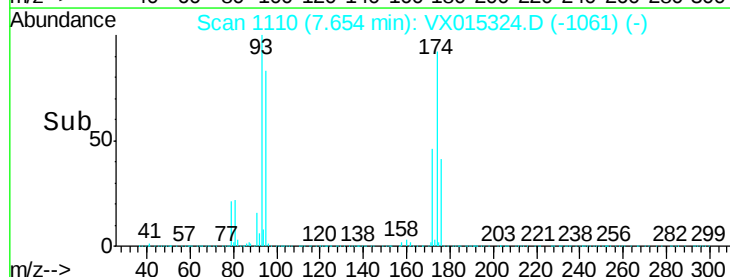
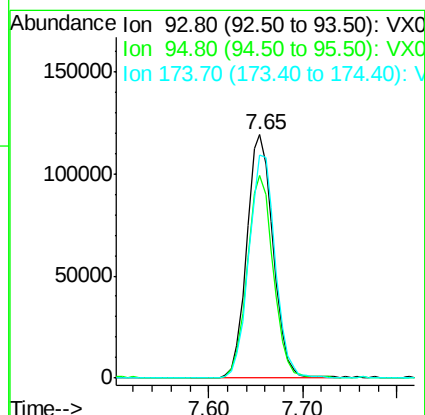
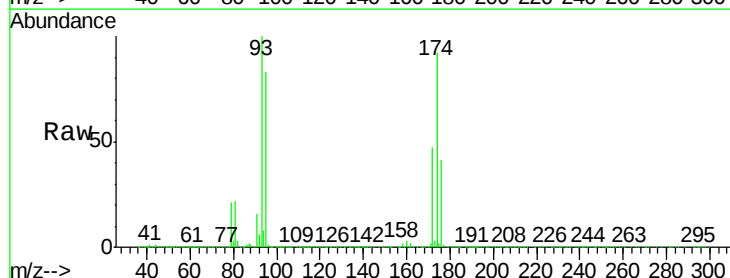
Tgt Ion: 93 Resp: 231896

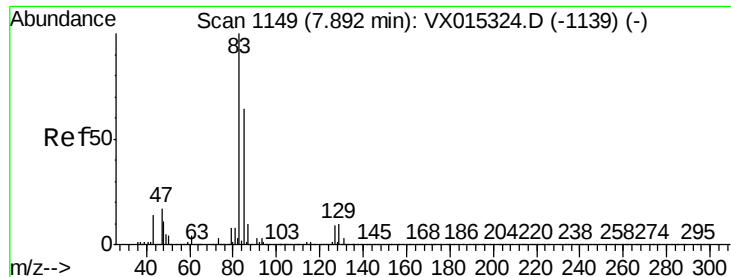
Ion Ratio Lower Upper

93 100

95 82.9 66.3 99.5

174 92.7 74.2 111.2





#47

Bromodichloromethane

Concen: 50.94 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

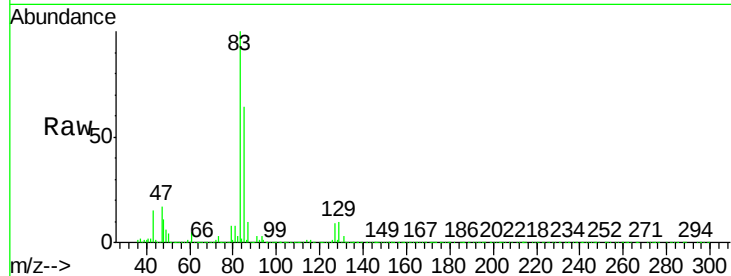
Tgt Ion: 83 Resp: 457380

Ion Ratio Lower Upper

83 100

85 63.8 51.0 76.6

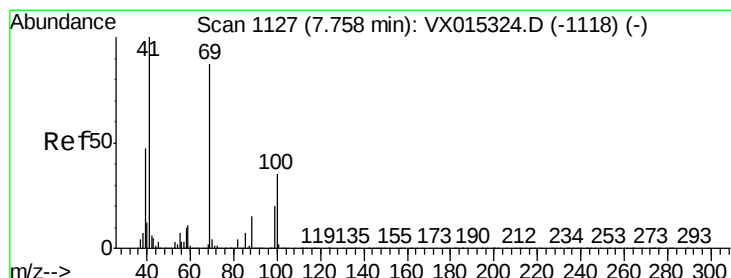
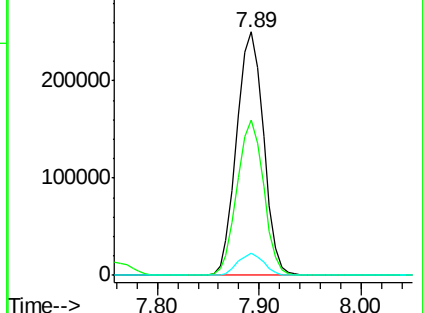
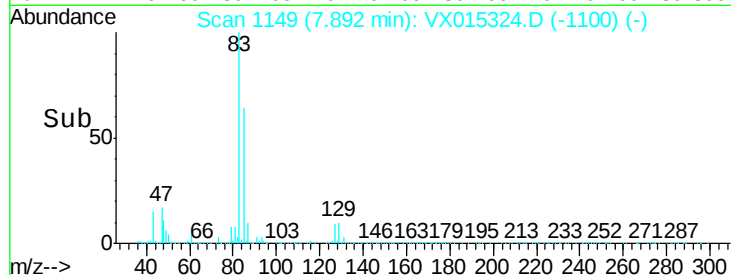
127 9.0 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 45.02 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

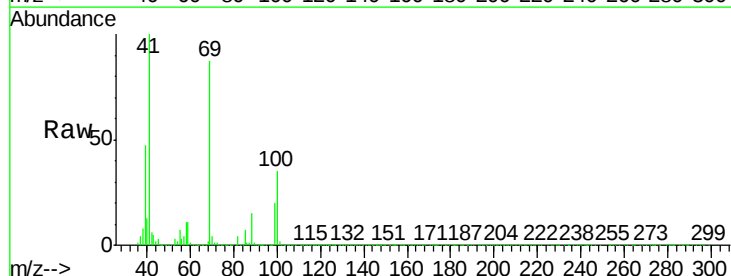
Tgt Ion: 41 Resp: 331992

Ion Ratio Lower Upper

41 100

69 93.0 74.4 111.6

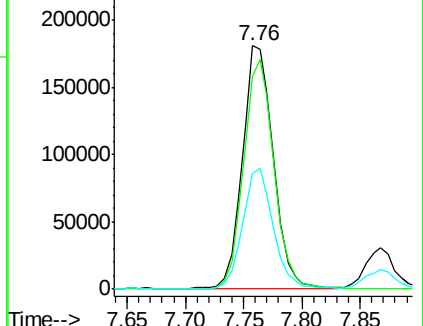
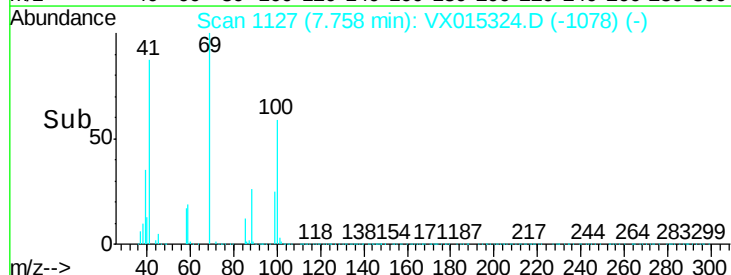
39 49.0 39.2 58.8

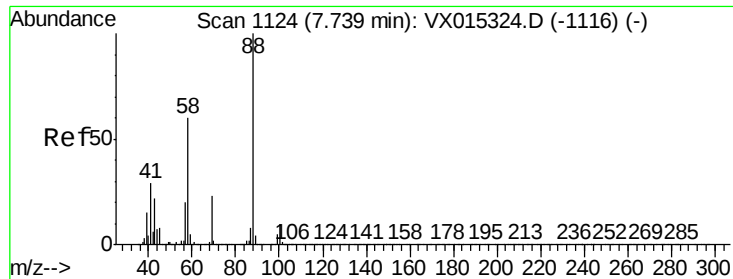


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1045.12 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

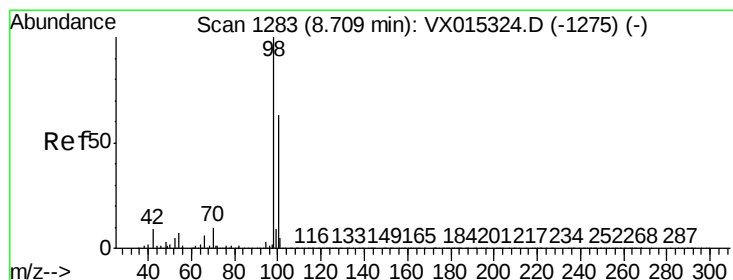
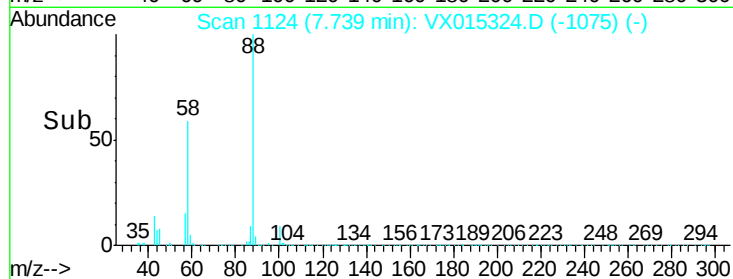
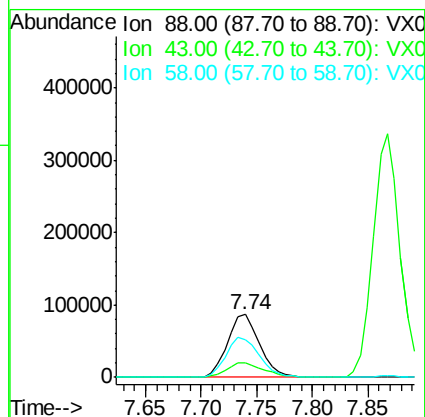
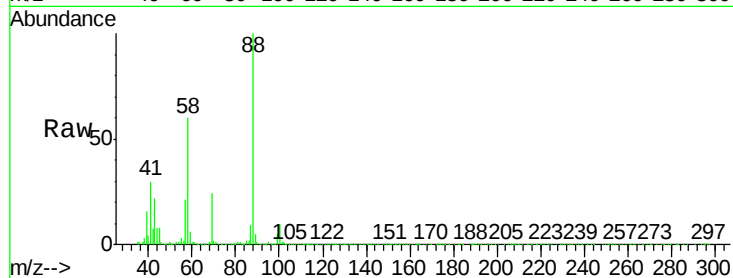
Tgt Ion: 88 Resp: 172448

Ion Ratio Lower Upper

88 100

43 25.9 20.7 31.1

58 67.4 53.9 80.9



#50

Toluene-d8

Concen: 50.18 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015324.D

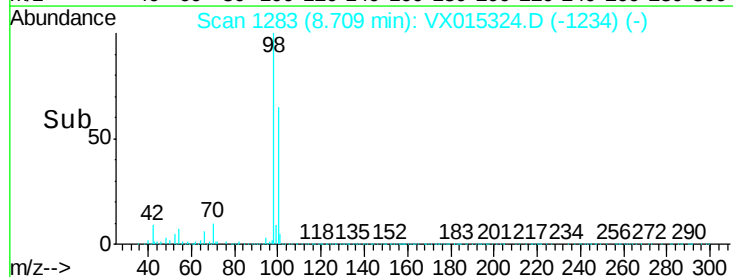
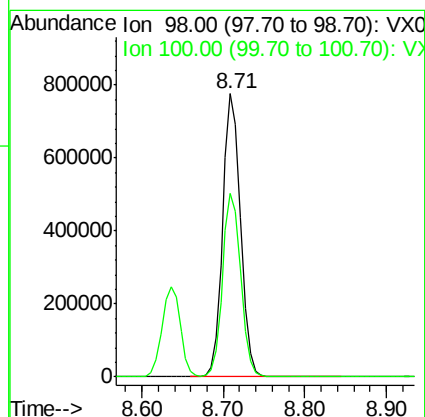
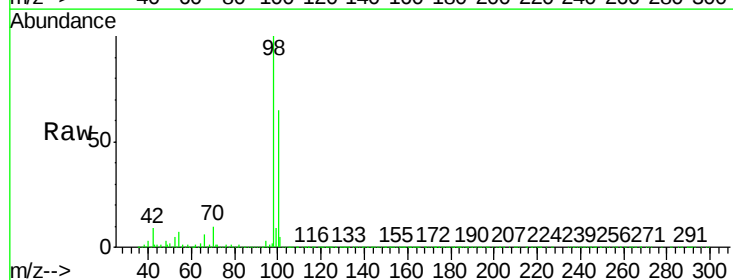
Acq: 18 Mar 2020 13:47

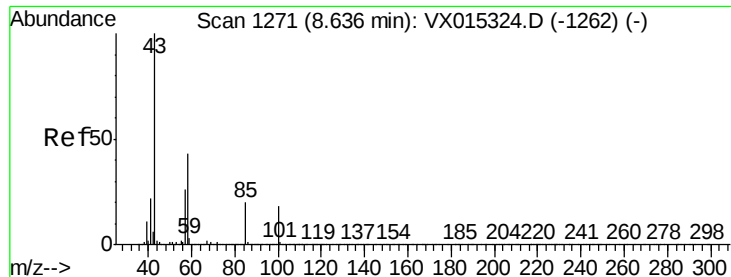
Tgt Ion: 98 Resp: 1180951

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 240.40 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

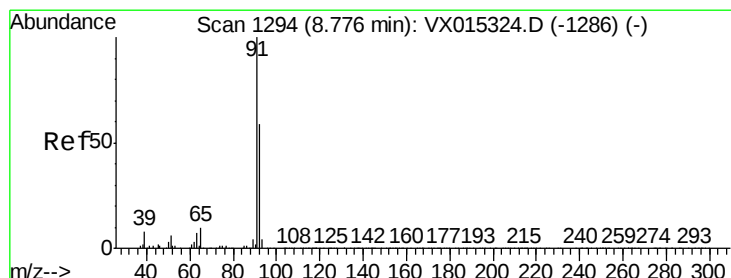
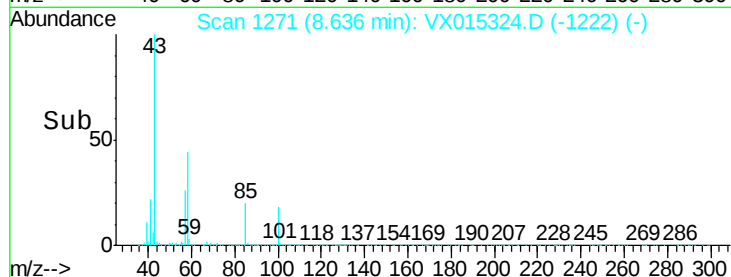
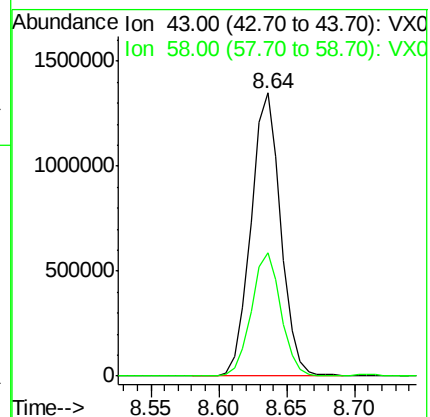
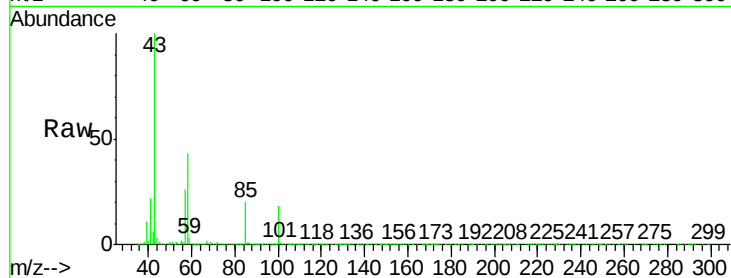
VSTDICCC050

Tgt Ion: 43 Resp: 2066808

Ion Ratio Lower Upper

43 100

58 43.2 34.6 51.8



#52

Toluene

Concen: 53.28 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015324.D

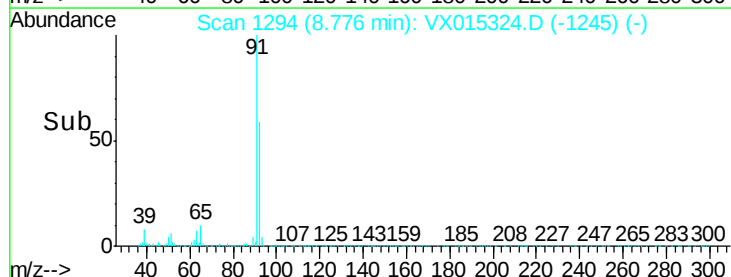
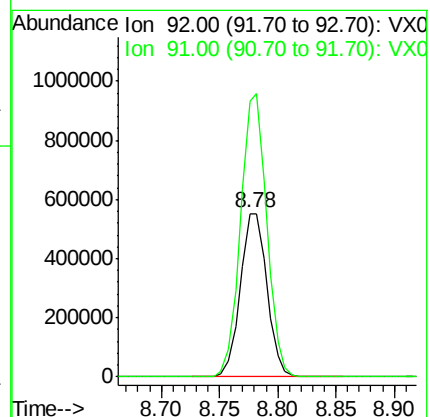
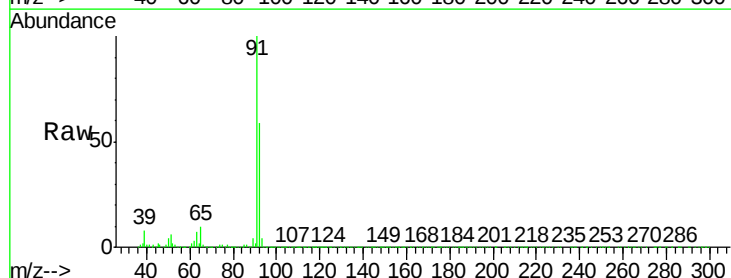
Acq: 18 Mar 2020 13:47

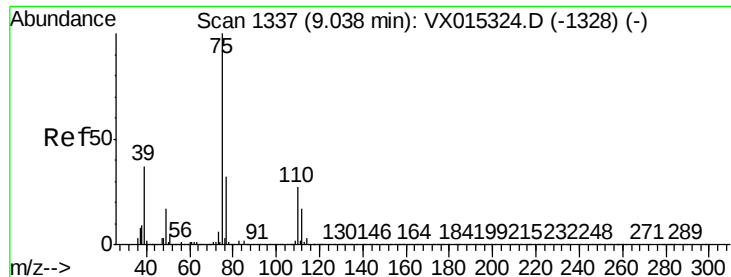
Tgt Ion: 92 Resp: 882922

Ion Ratio Lower Upper

92 100

91 170.5 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 51.67 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

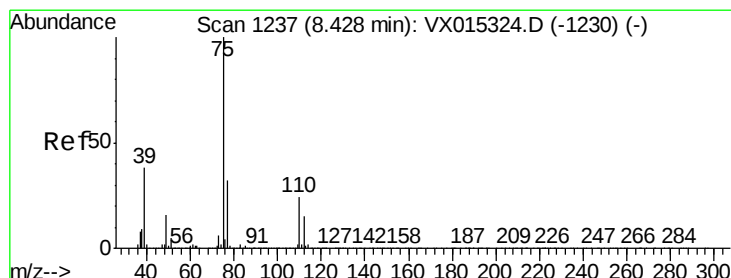
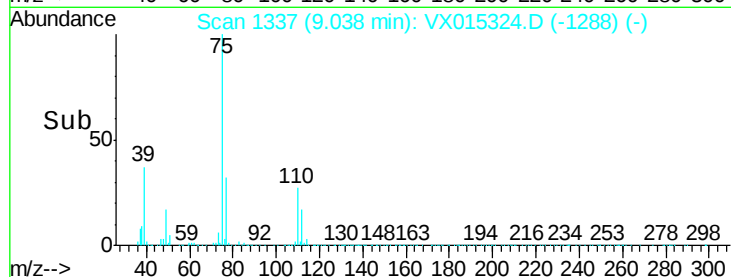
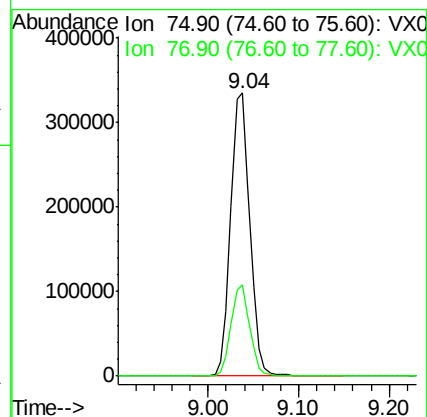
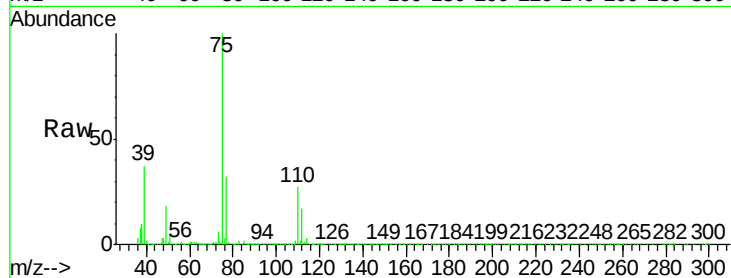
VSTDICCC050

Tgt Ion: 75 Resp: 490781

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 52.17 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

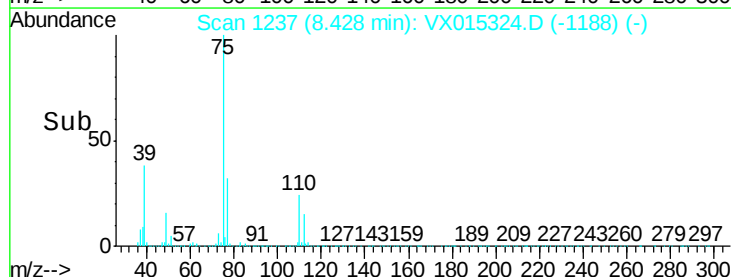
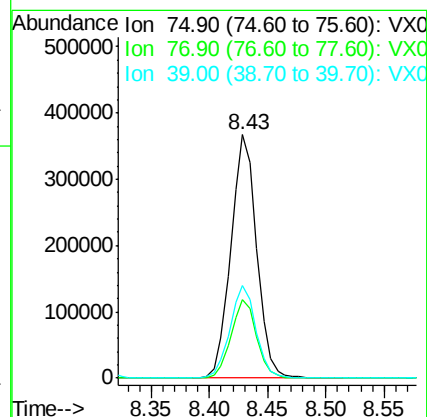
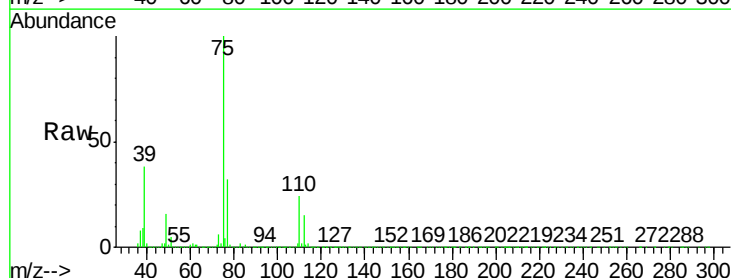
Tgt Ion: 75 Resp: 563928

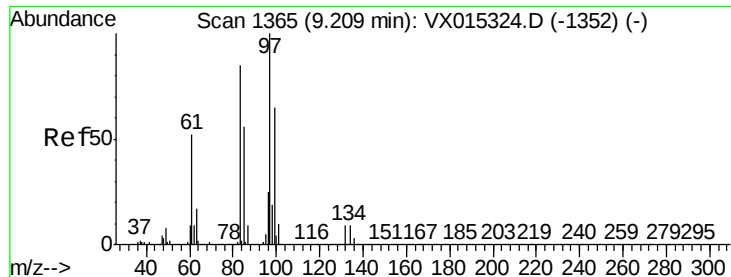
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 37.7 30.2 45.2

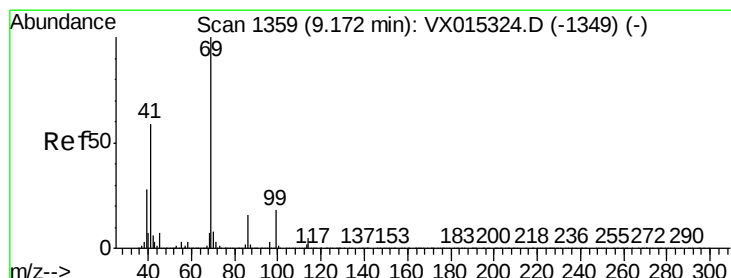
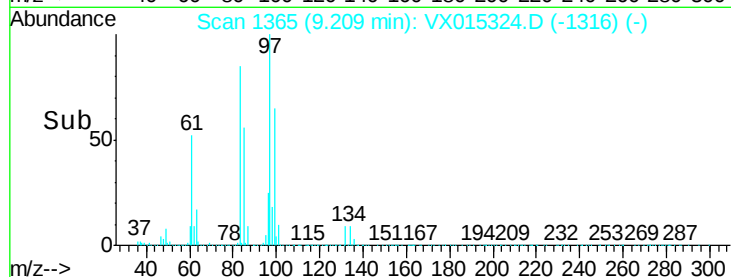
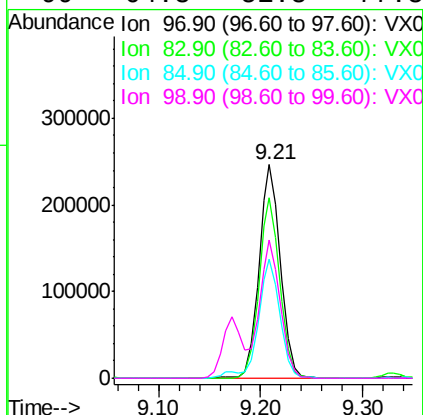
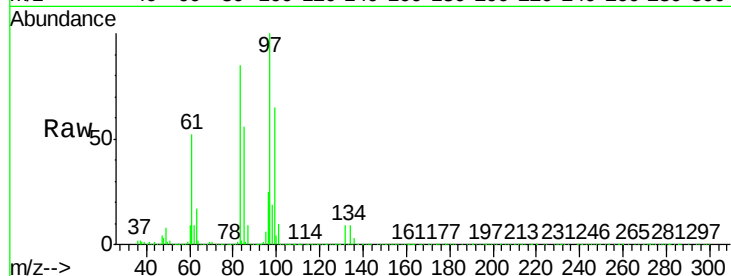




#55
 1,1,2-Trichloroethane
 Concen: 52.78 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

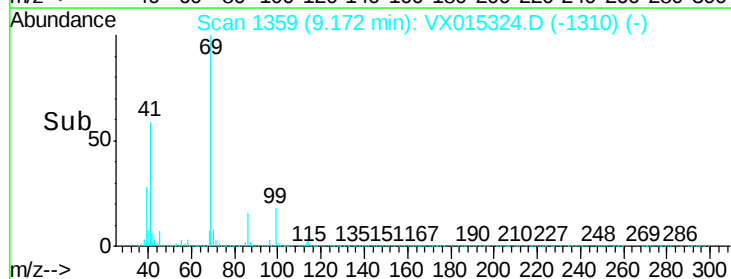
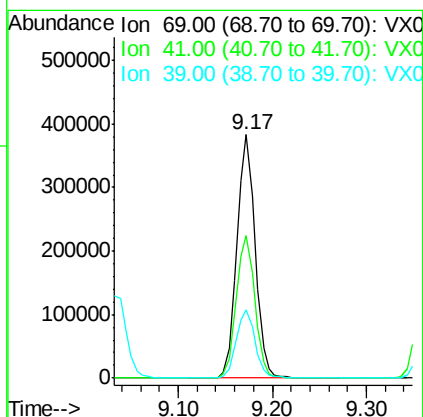
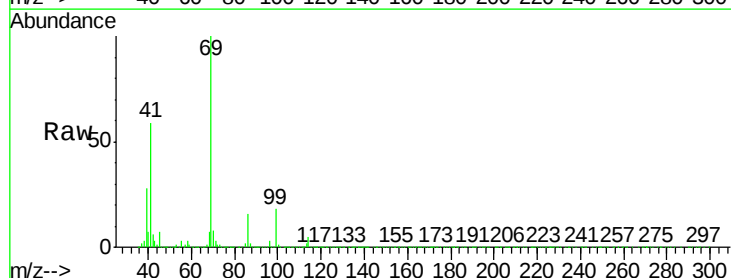
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

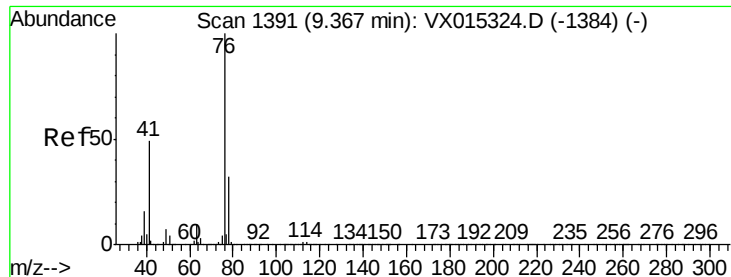
Tgt Ion:	97	Resp:	360911
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.7	101.5
85	55.6	44.5	66.7
99	64.8	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 53.28 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion:	69	Resp:	513566
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.5	71.3
39	28.7	23.0	34.4





#57

1,3-Dichloropropane

Concen: 51.66 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

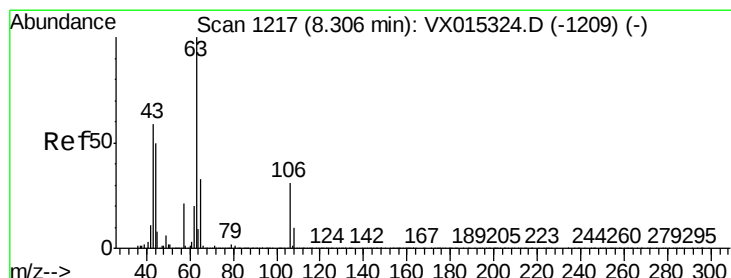
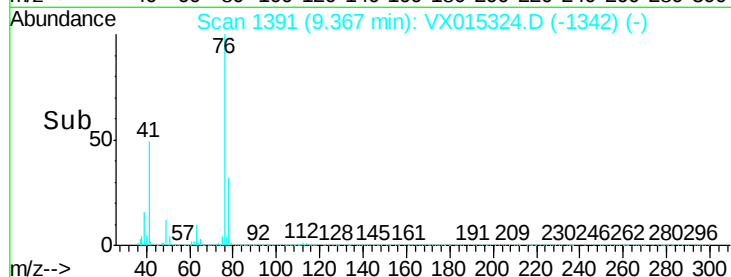
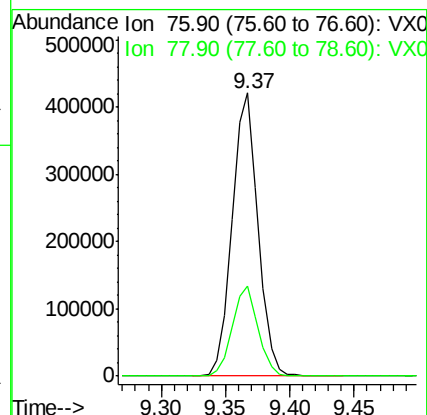
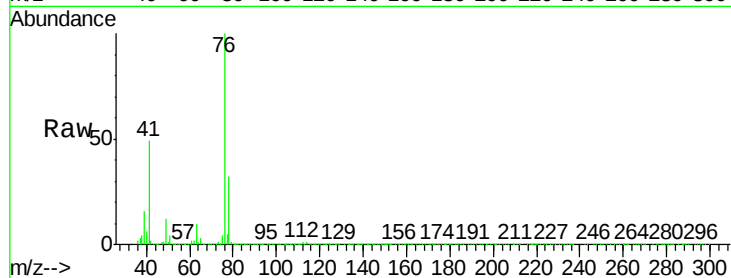
VSTDICCC050

Tgt Ion: 76 Resp: 591392

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 253.30 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015324.D

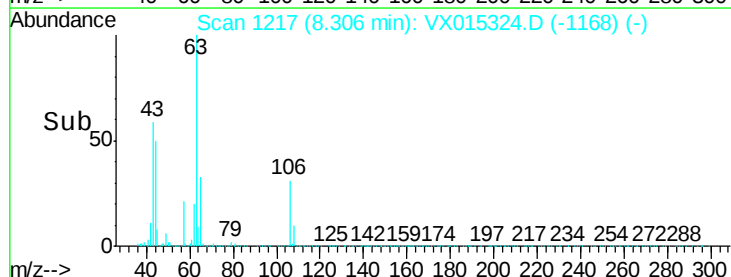
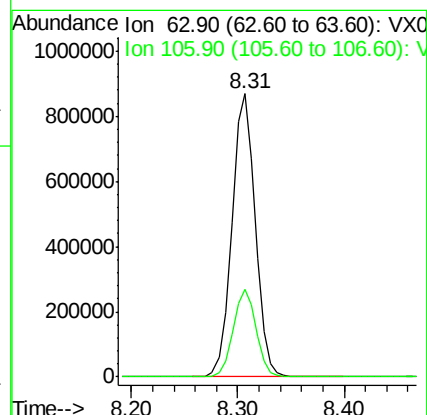
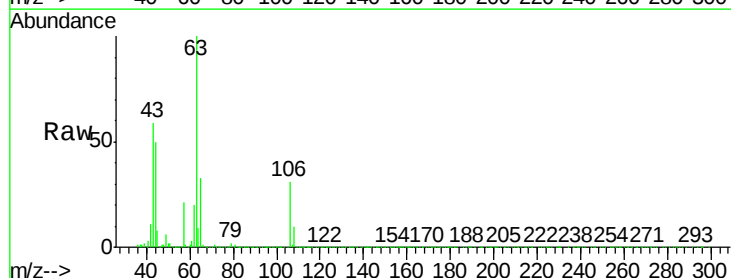
Acq: 18 Mar 2020 13:47

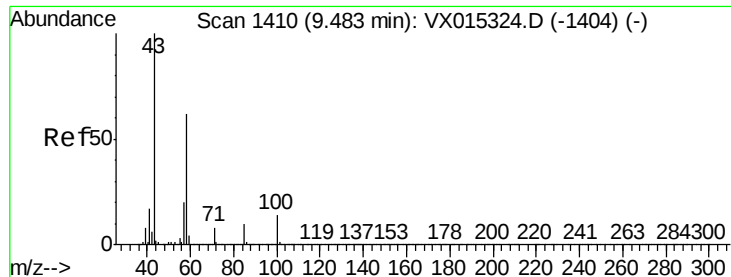
Tgt Ion: 63 Resp: 1326861

Ion Ratio Lower Upper

63 100

106 30.4 24.3 36.5

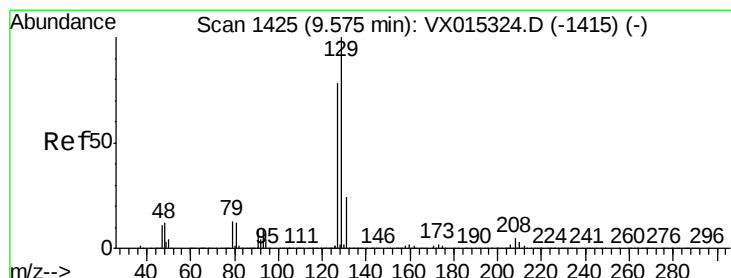
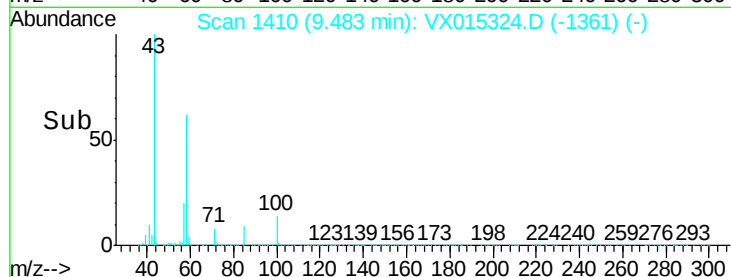
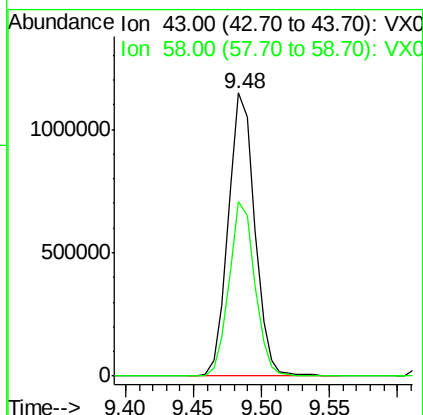
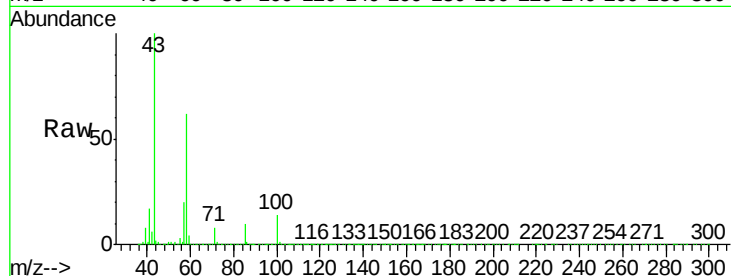




#59
2-Hexanone
Concen: 244.40 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

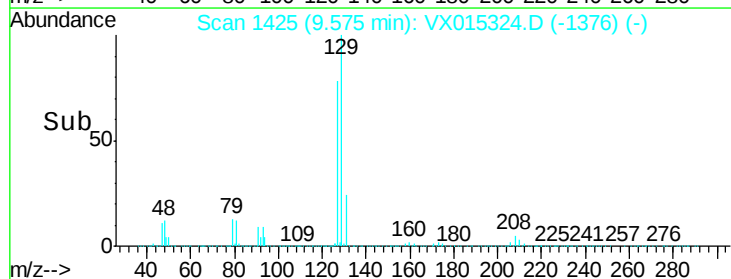
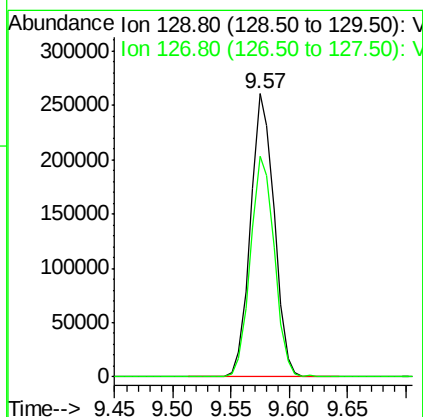
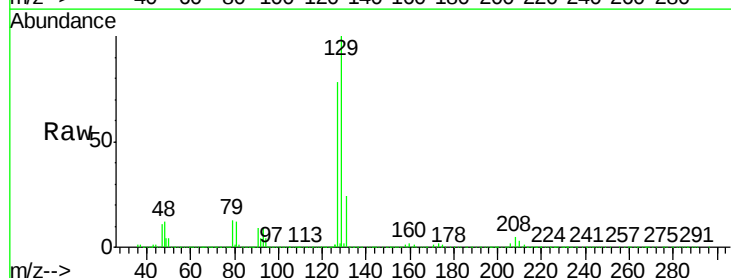
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

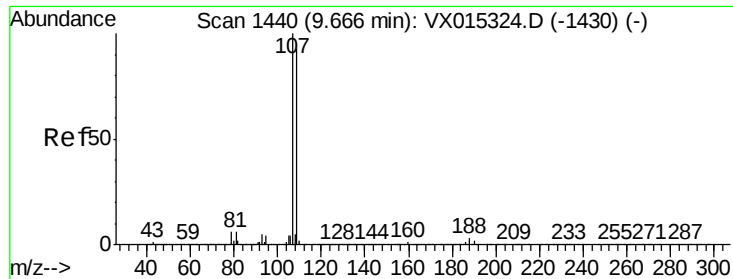
Tgt Ion: 43 Resp: 1554672
Ion Ratio Lower Upper
43 100
58 60.5 30.3 90.8



#60
Dibromochloromethane
Concen: 51.98 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion: 129 Resp: 370849
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.9

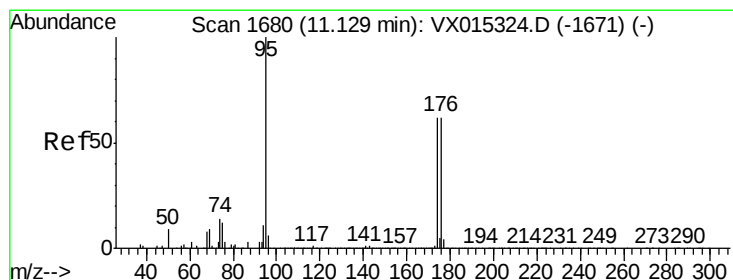
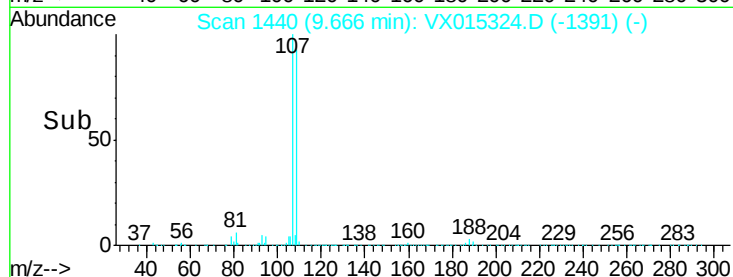
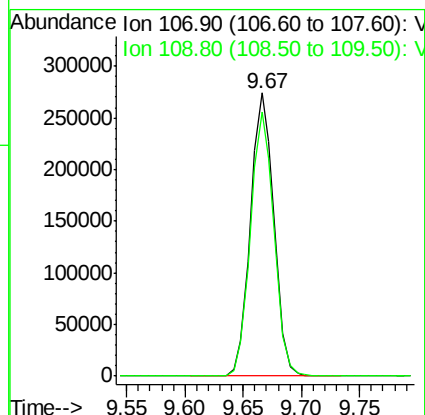
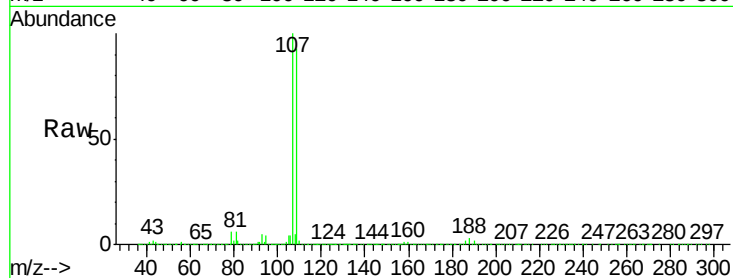




#61
 1,2-Dibromoethane
 Concen: 53.25 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

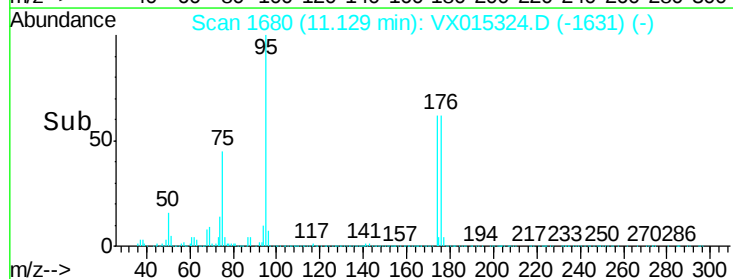
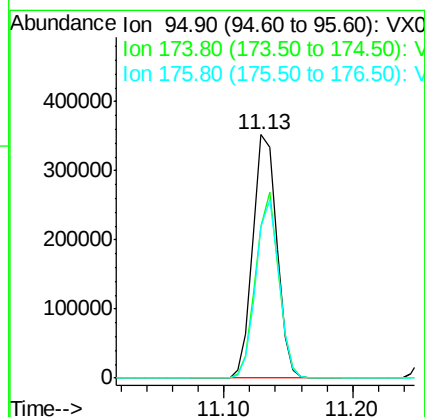
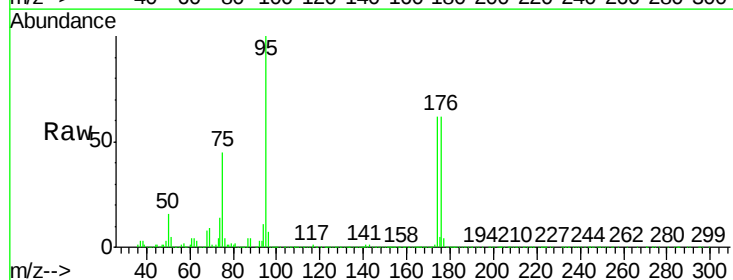
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

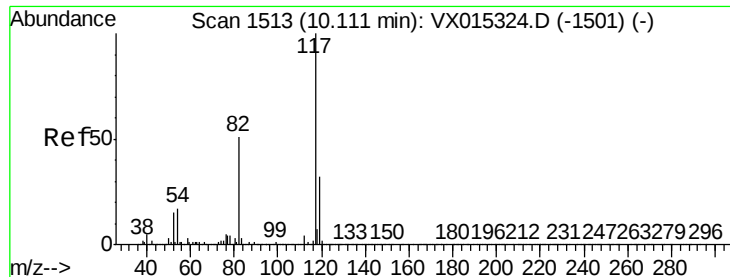
Tgt Ion: 107 Resp: 384252
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 52.80 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion: 95 Resp: 450804
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 145.6
 176 70.8 0.0 141.6

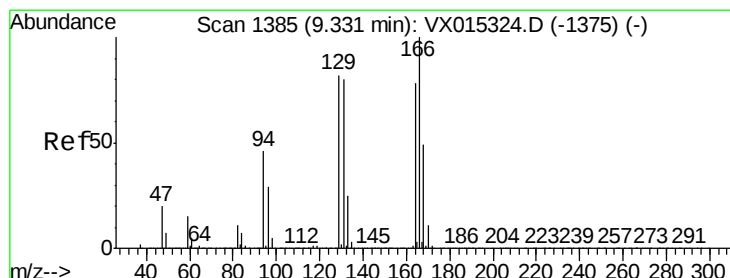
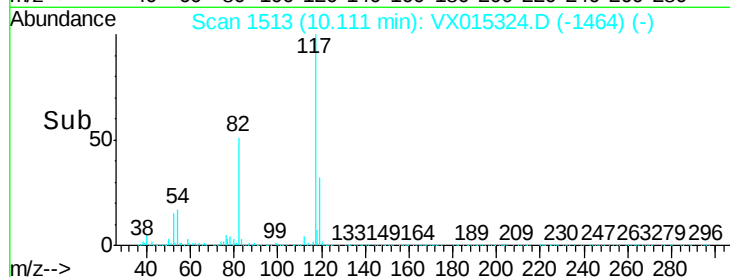
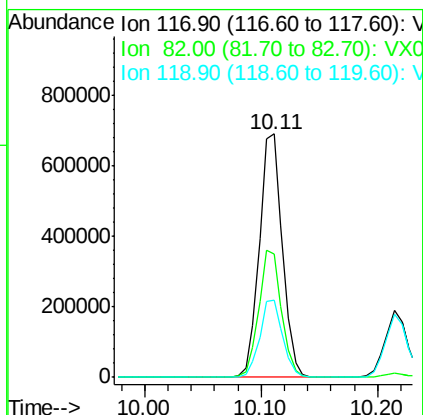
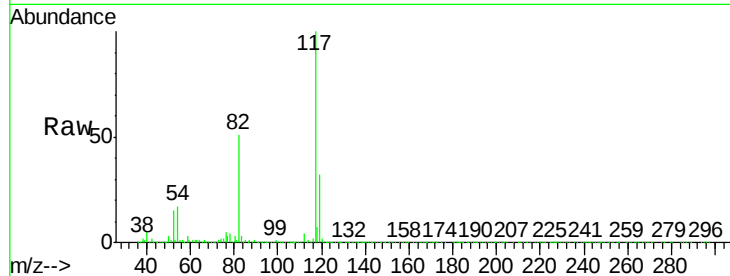




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

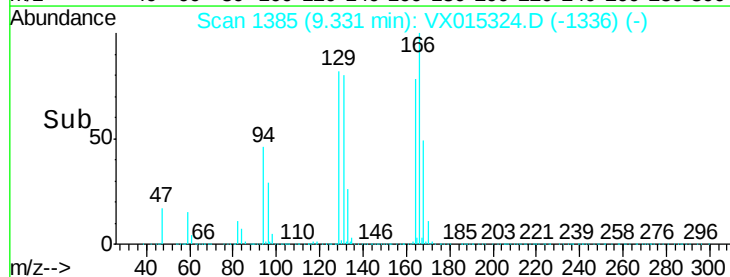
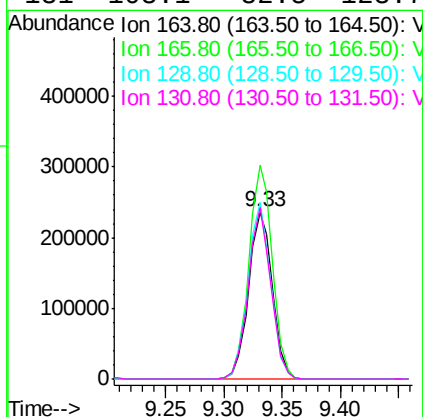
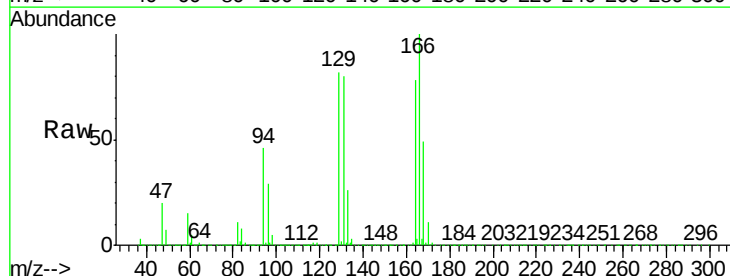
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

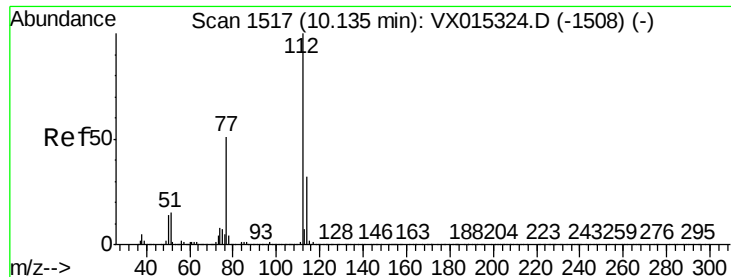
Tgt Ion:117 Resp: 948242
Ion Ratio Lower Upper
117 100
82 50.7 40.6 60.8
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 43.66 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion:164 Resp: 335330
Ion Ratio Lower Upper
164 100
166 128.2 102.6 153.8
129 105.6 84.5 126.7
131 103.1 82.5 123.7





#65

Chlorobenzene

Concen: 51.69 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

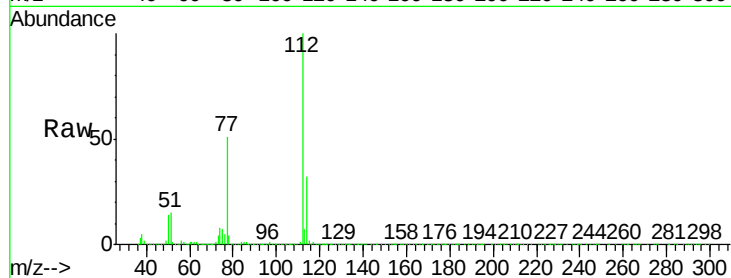
VSTDICCC050

Tgt Ion:112 Resp: 994229

Ion Ratio Lower Upper

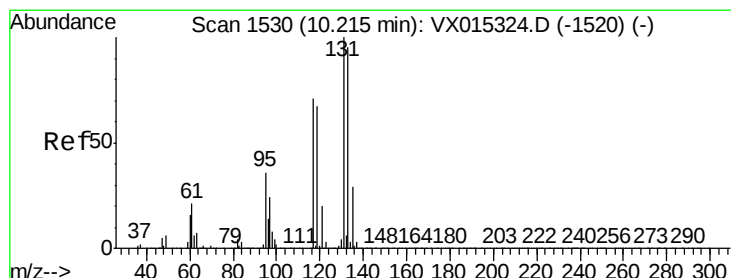
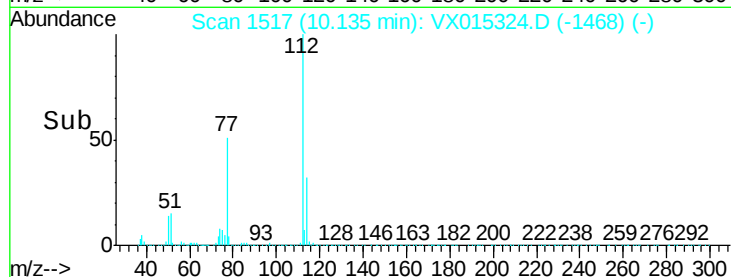
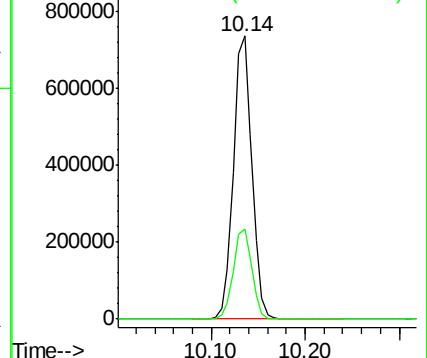
112 100

114 32.0 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.04 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

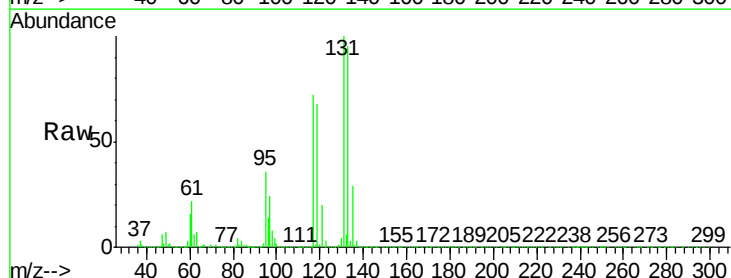
Tgt Ion:131 Resp: 352355

Ion Ratio Lower Upper

131 100

133 96.3 48.1 144.4

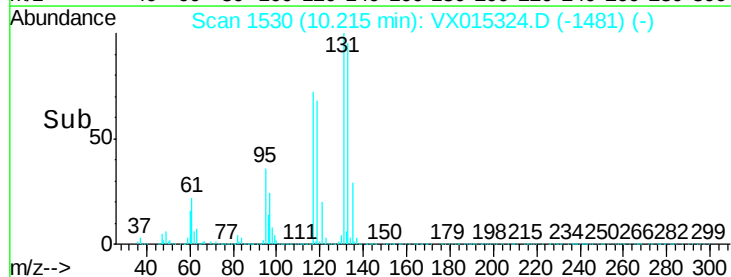
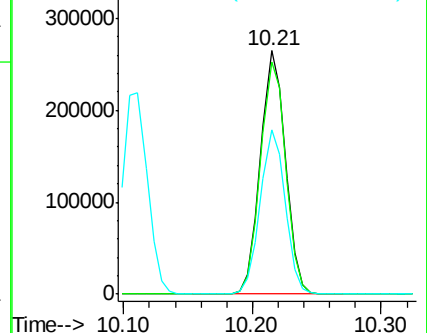
119 67.5 33.8 101.3

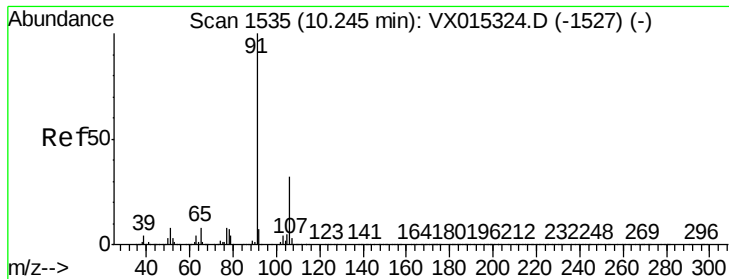


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

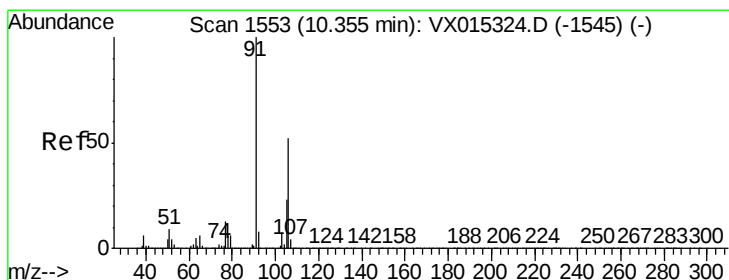
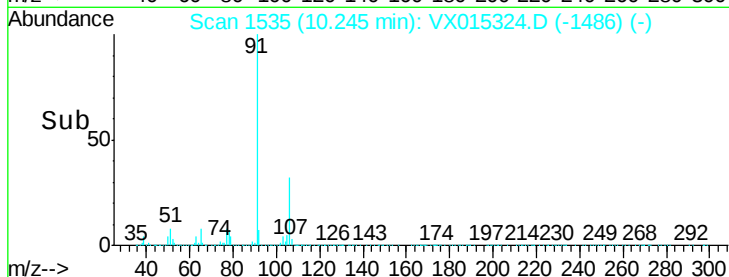
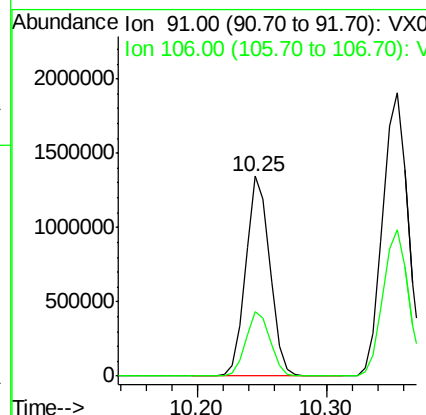
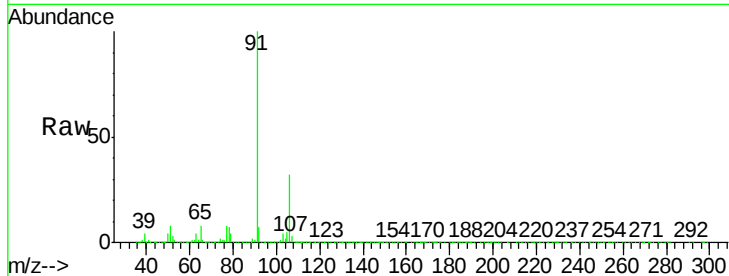




#67
Ethyl Benzene
Concen: 52.99 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

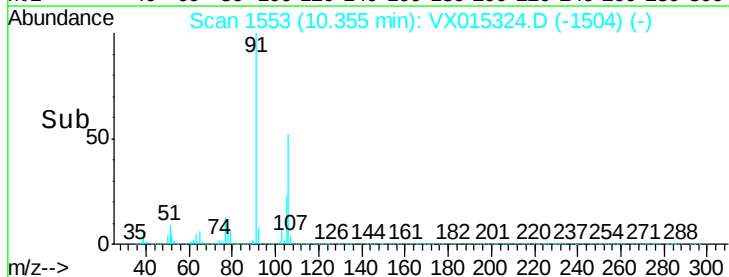
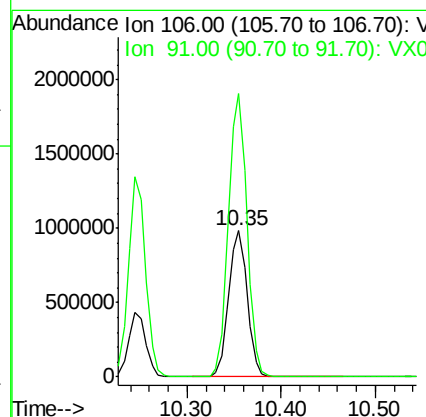
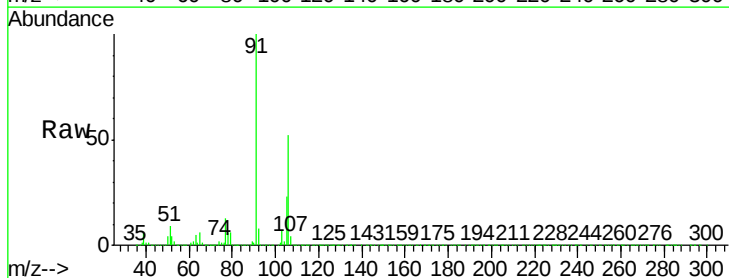
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

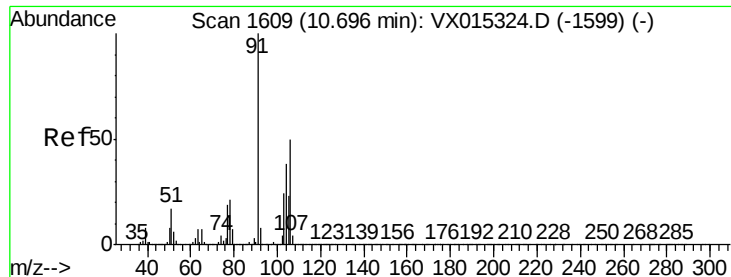
Tgt Ion: 91 Resp: 1727548
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.6



#68
m/p-Xylenes
Concen: 107.88 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion: 106 Resp: 1341218
Ion Ratio Lower Upper
106 100
91 193.9 155.1 232.7

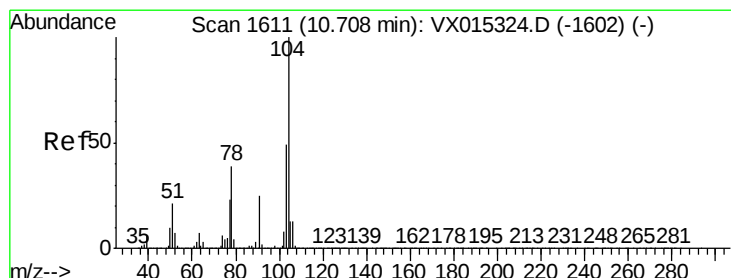
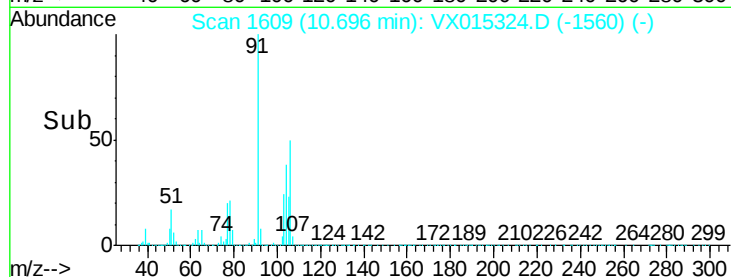
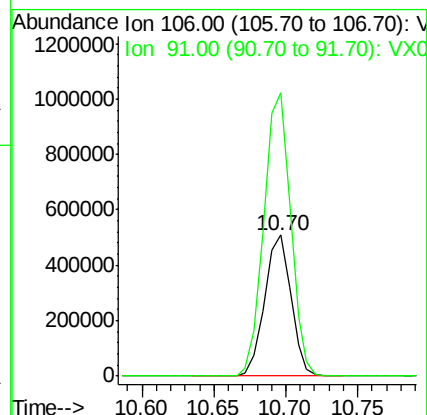
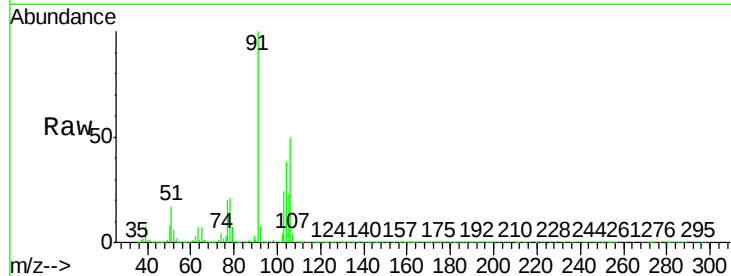




#69
o-Xylene
Concen: 53.84 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

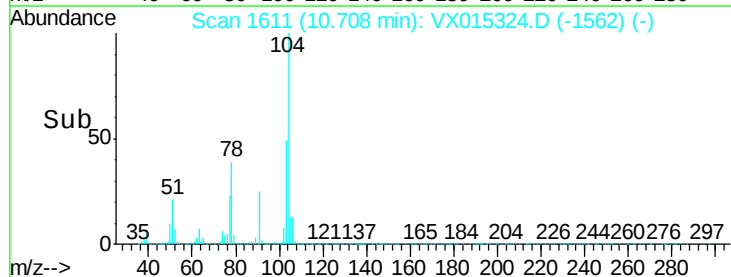
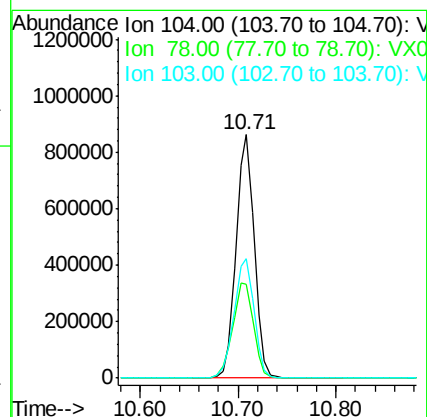
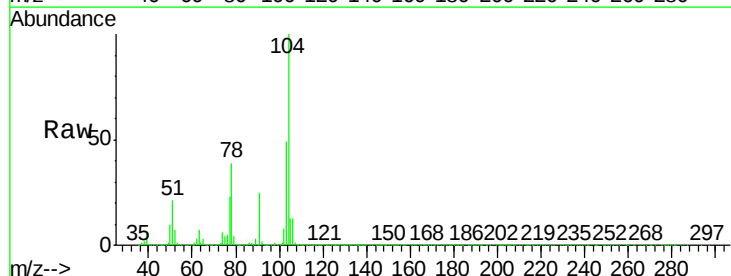
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

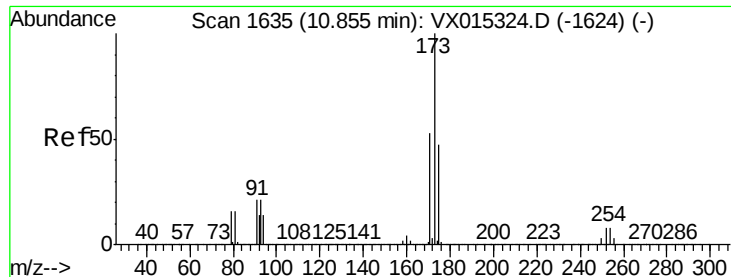
Tgt Ion:106 Resp: 641083
Ion Ratio Lower Upper
106 100
91 204.6 102.3 306.9



#70
Styrene
Concen: 54.43 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion:104 Resp: 1110943
Ion Ratio Lower Upper
104 100
78 45.0 36.0 54.0
103 54.2 43.4 65.0





#71

Bromoform

Concen: 46.98 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

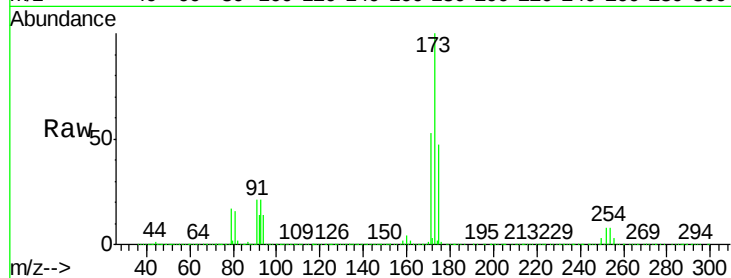
Tgt Ion:173 Resp: 257236

Ion Ratio Lower Upper

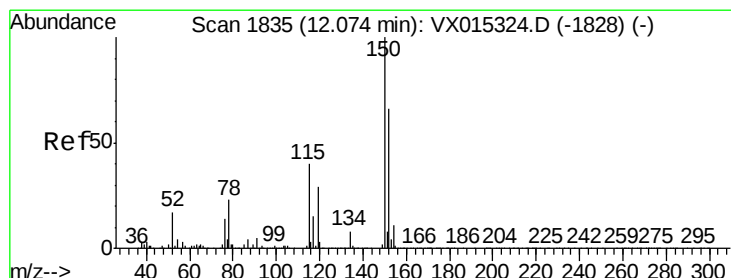
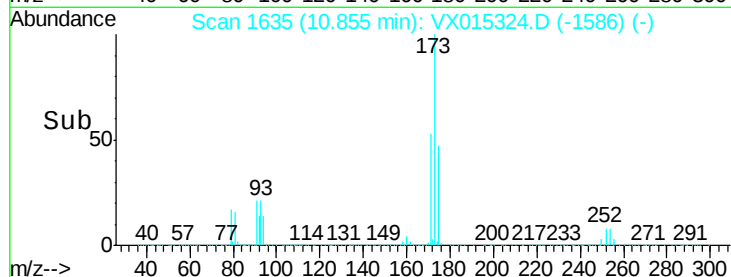
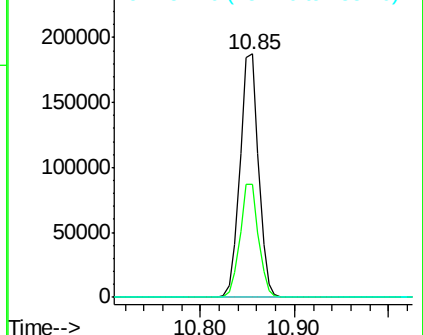
173 100

175 46.8 23.4 70.2

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

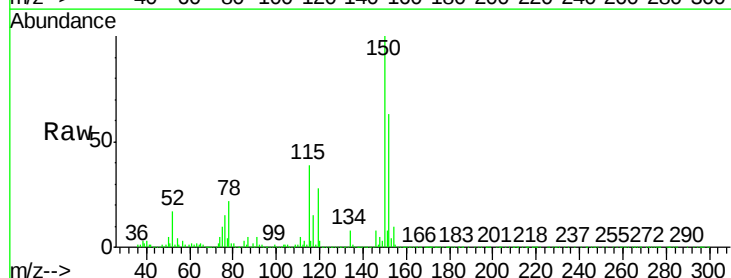
Tgt Ion:152 Resp: 454848

Ion Ratio Lower Upper

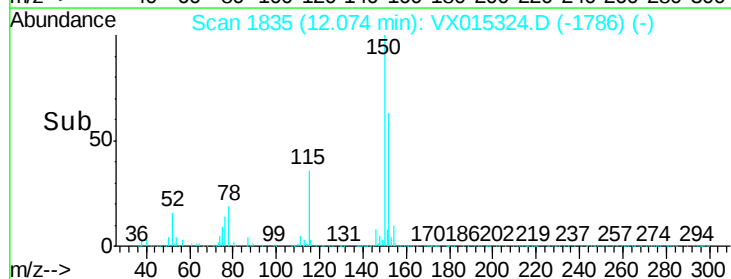
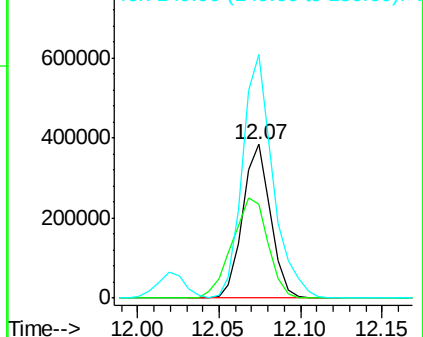
152 100

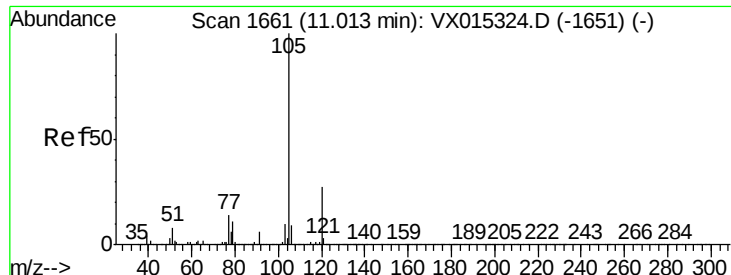
115 83.9 41.9 125.8

150 173.8 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.18 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

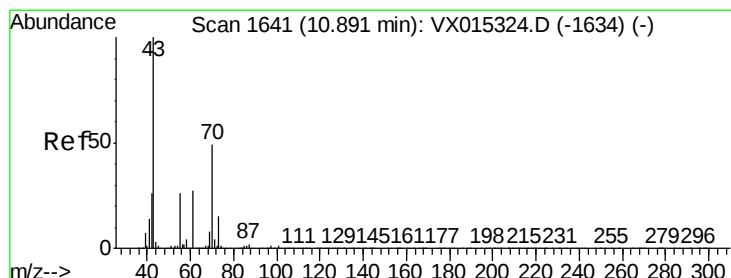
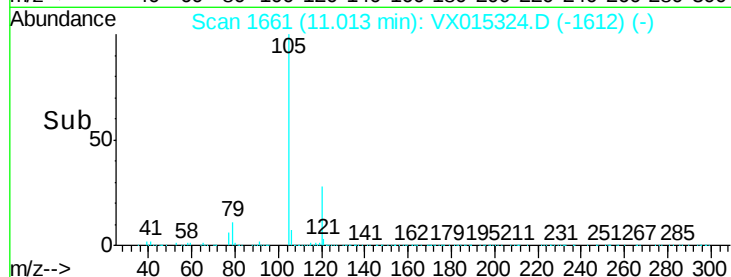
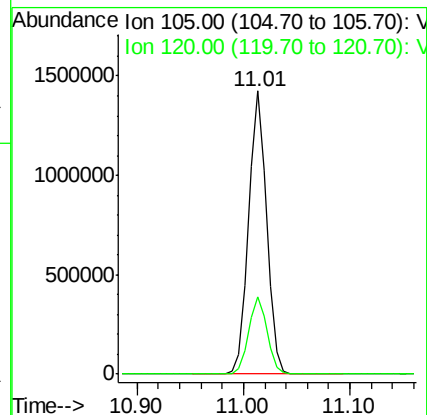
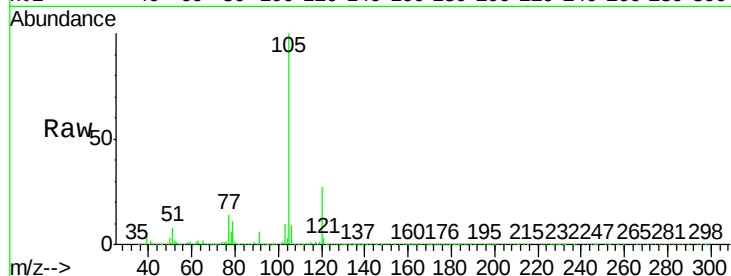
VSTDICCC050

Tgt Ion:105 Resp: 1697658

Ion Ratio Lower Upper

105 100

120 27.7 13.9 41.6



#74

N-ethyl acetate

Concen: 49.44 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Tgt Ion: 43 Resp: 599057

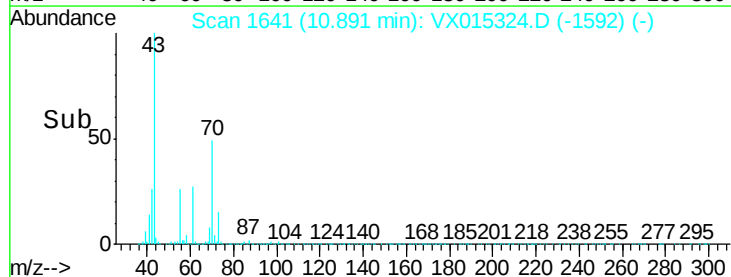
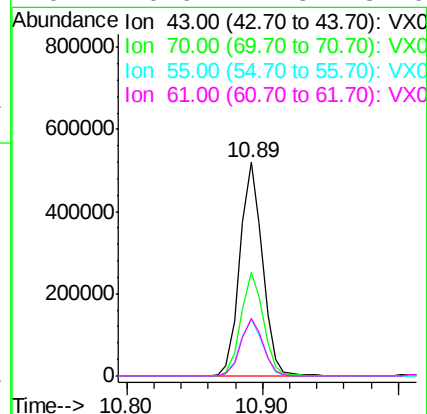
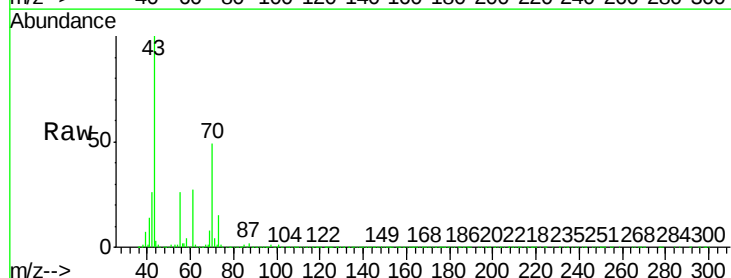
Ion Ratio Lower Upper

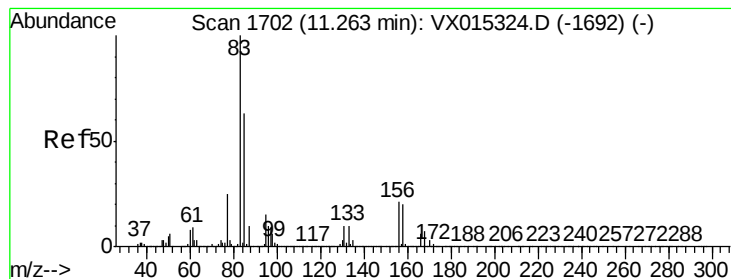
43 100

70 48.3 38.6 58.0

55 26.5 21.2 31.8

61 26.6 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.69 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

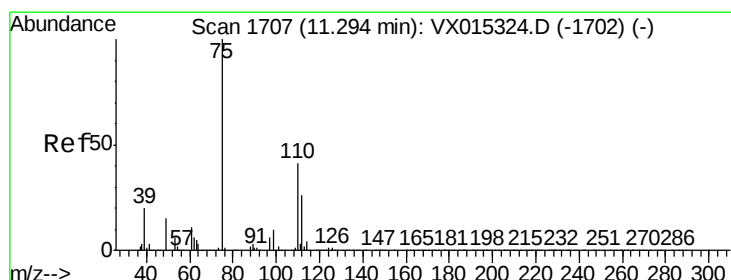
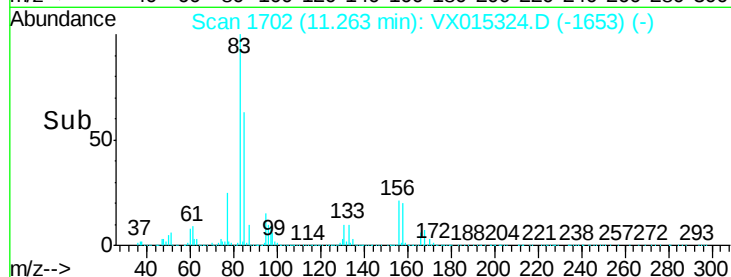
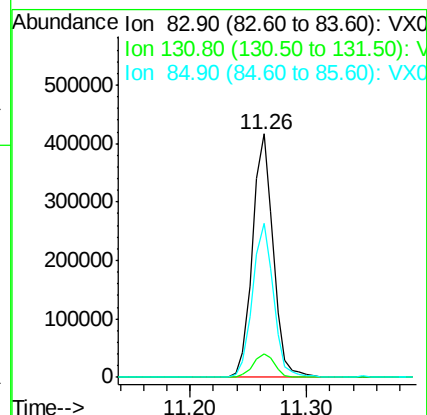
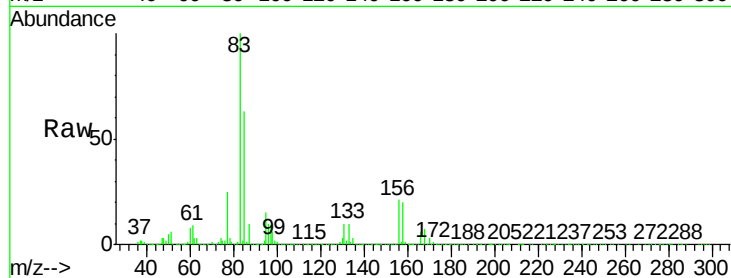
Tgt Ion: 83 Resp: 519133

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 64.14 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015324.D

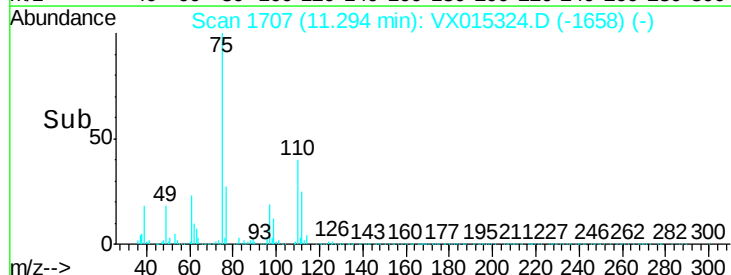
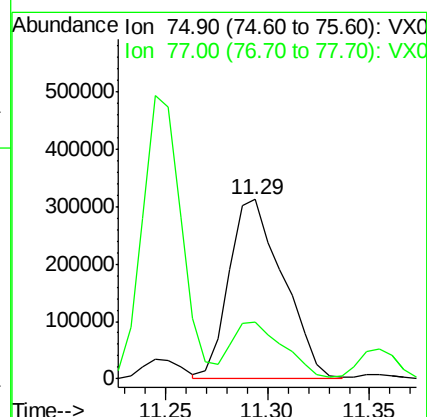
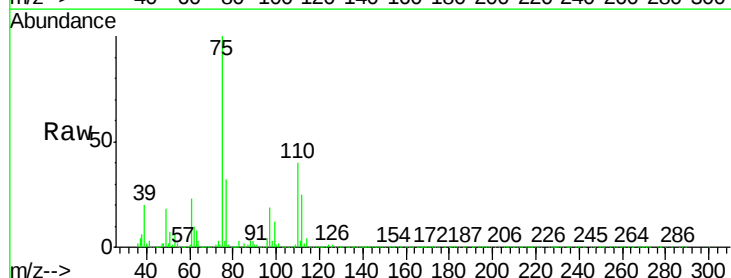
Acq: 18 Mar 2020 13:47

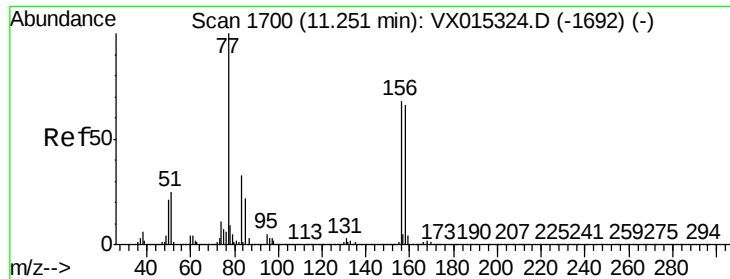
Tgt Ion: 75 Resp: 573113

Ion Ratio Lower Upper

75 100

77 30.5 21.2 63.6





#77

Bromobenzene

Concen: 49.44 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

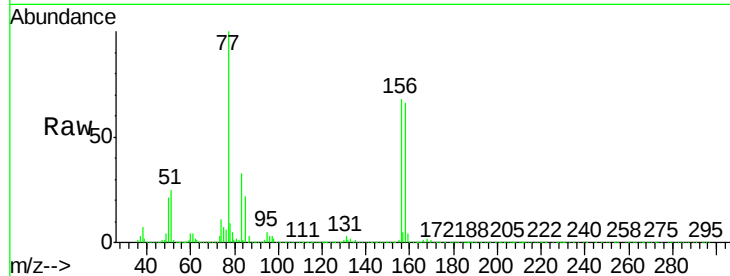
Tgt Ion:156 Resp: 402493

Ion Ratio Lower Upper

156 100

77 162.8 81.4 244.2

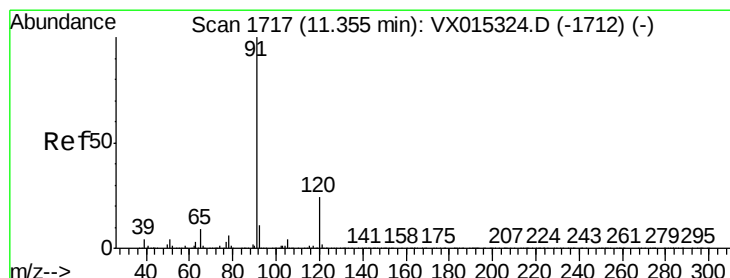
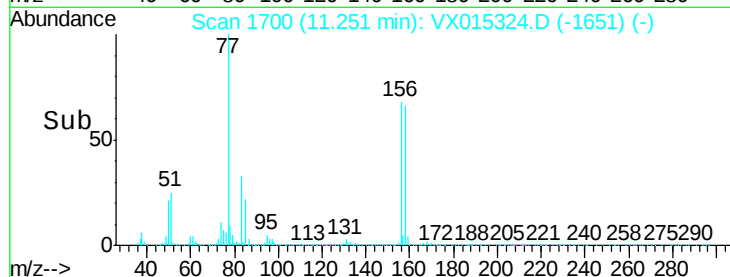
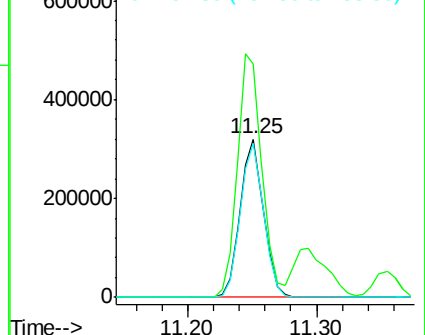
158 97.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.48 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015324.D

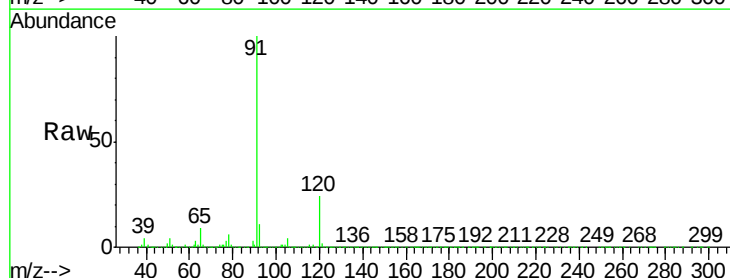
Acq: 18 Mar 2020 13:47

Tgt Ion: 91 Resp: 1867904

Ion Ratio Lower Upper

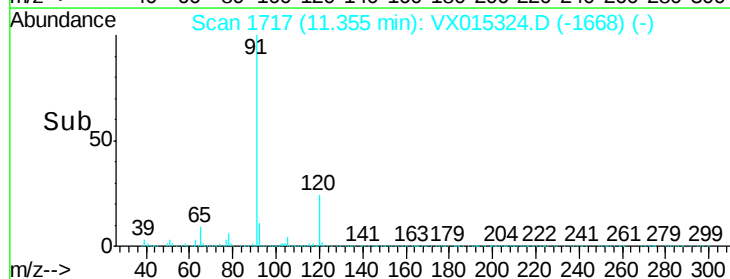
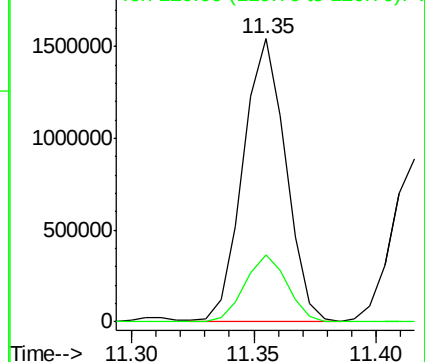
91 100

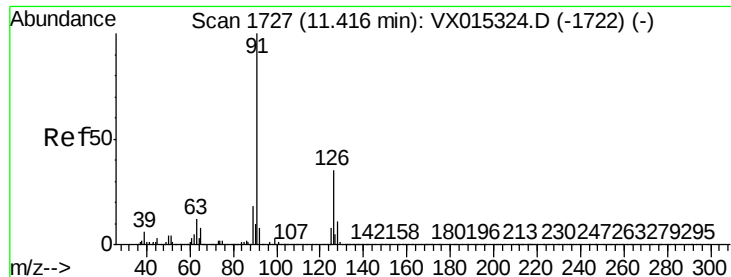
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.30 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

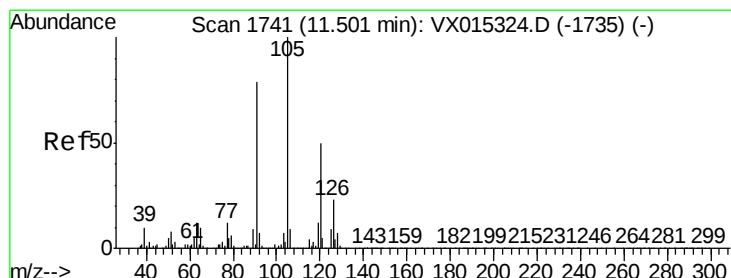
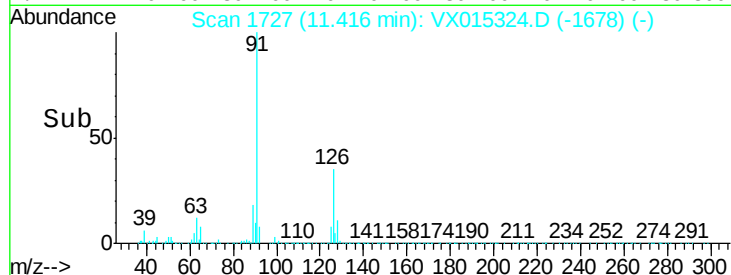
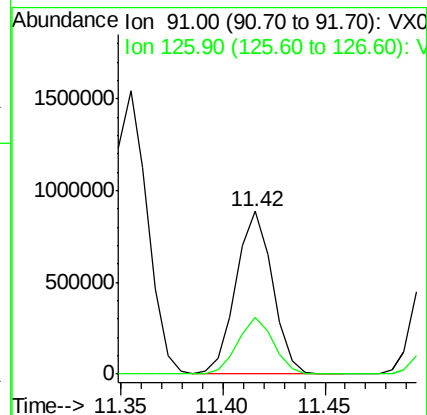
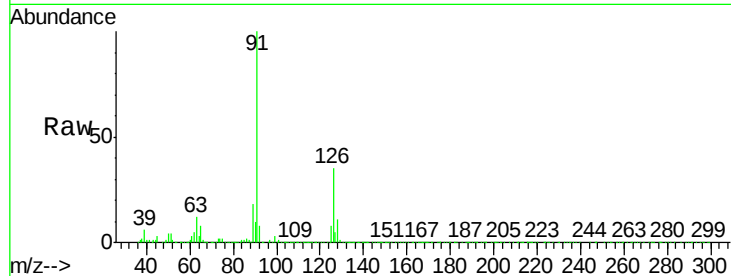
VSTDICCC050

Tgt Ion: 91 Resp: 1095265

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 55.44 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015324.D

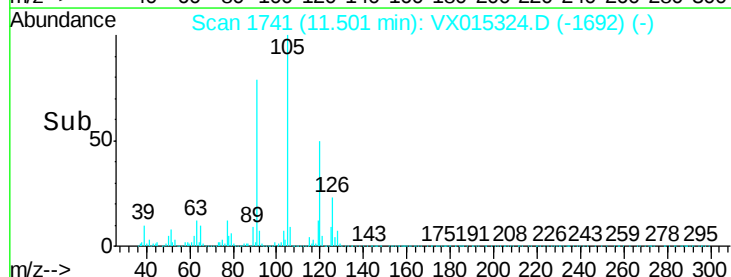
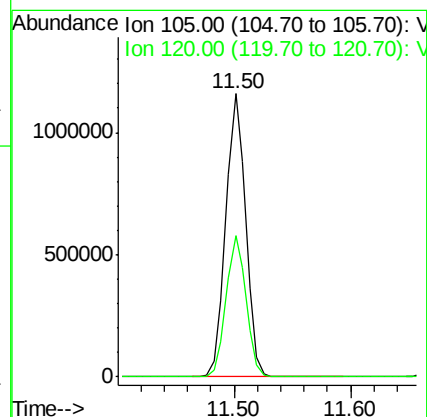
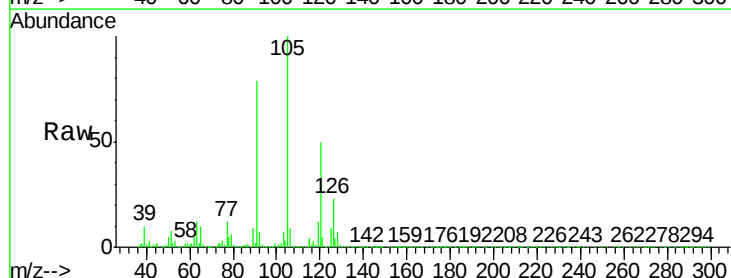
Acq: 18 Mar 2020 13:47

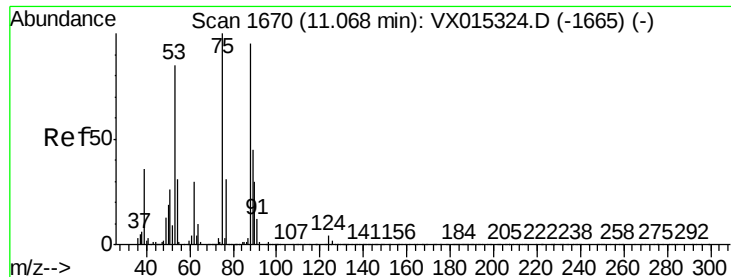
Tgt Ion: 105 Resp: 1362227

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 54.50 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

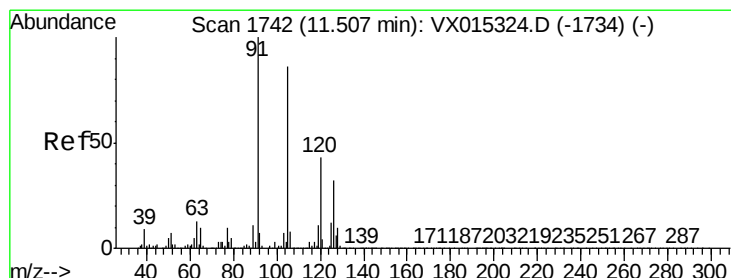
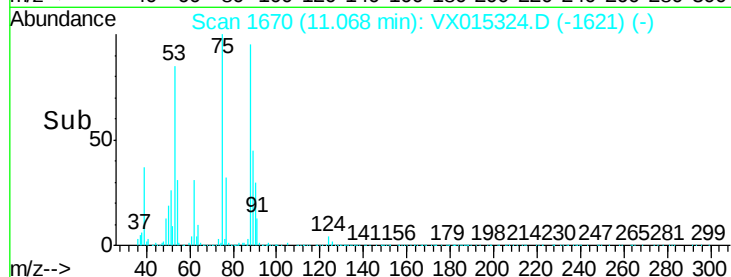
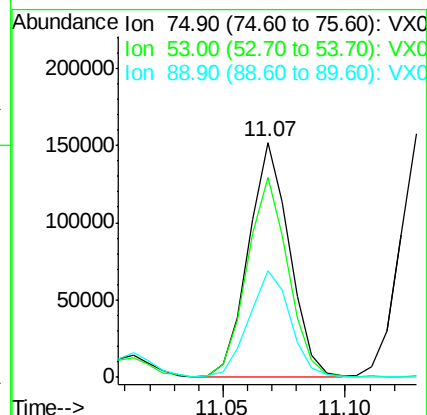
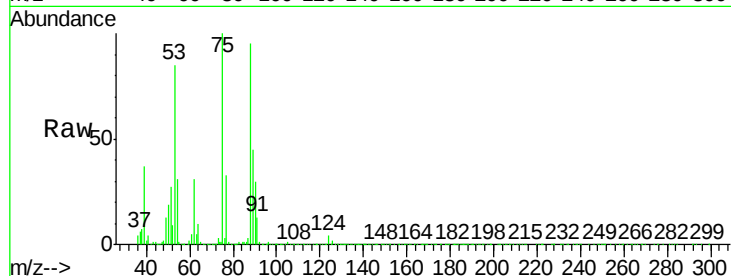
Tgt Ion: 75 Resp: 177477

Ion Ratio Lower Upper

75 100

53 85.0 68.0 102.0

89 46.4 37.1 55.7



#82

4-Chlorotoluene

Concen: 54.01 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015324.D

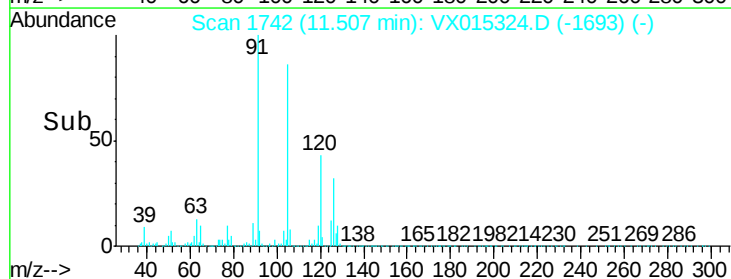
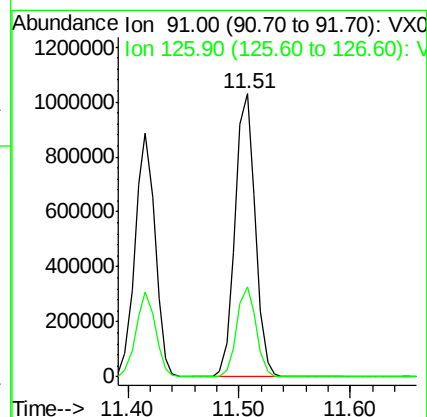
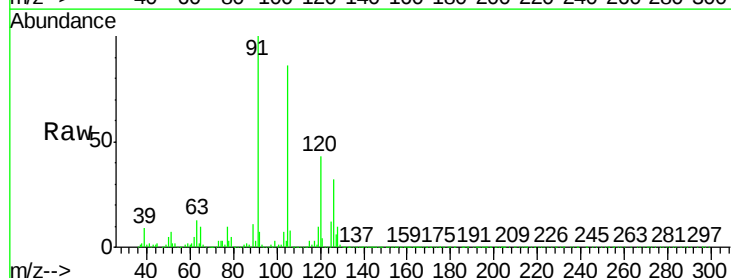
Acq: 18 Mar 2020 13:47

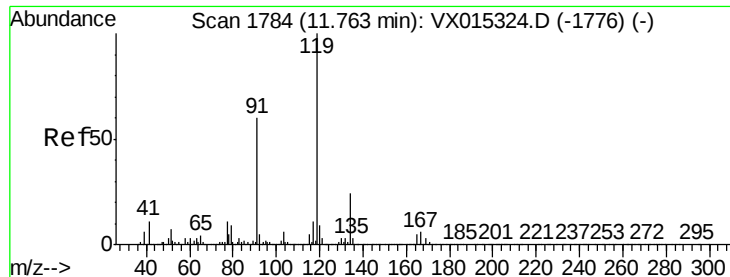
Tgt Ion: 91 Resp: 1285821

Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.2





#83

tert-Butylbenzene

Concen: 55.50 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

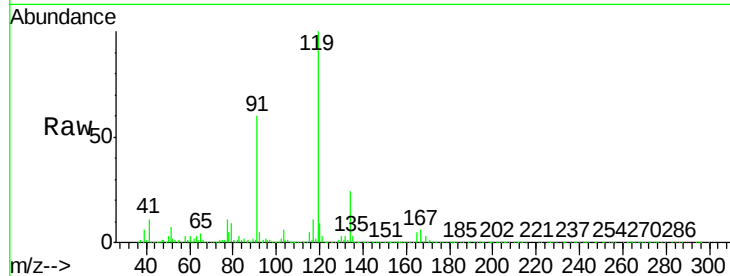
Tgt Ion:119 Resp: 1321894

Ion Ratio Lower Upper

119 100

91 56.3 28.1 84.4

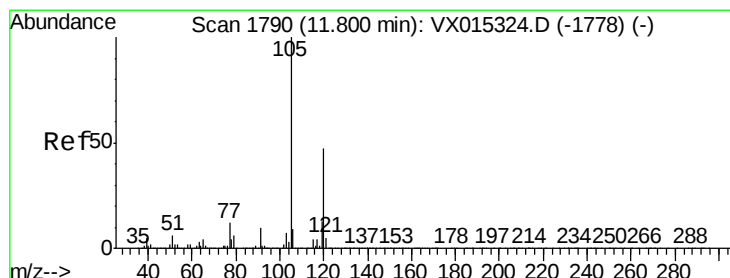
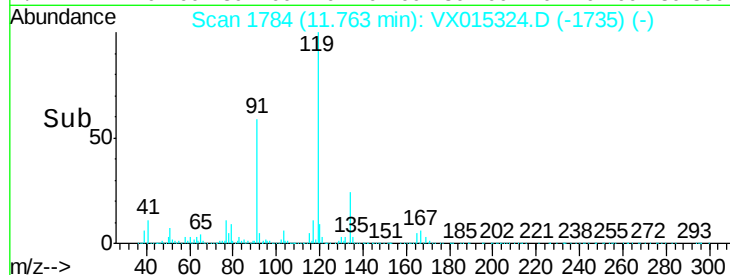
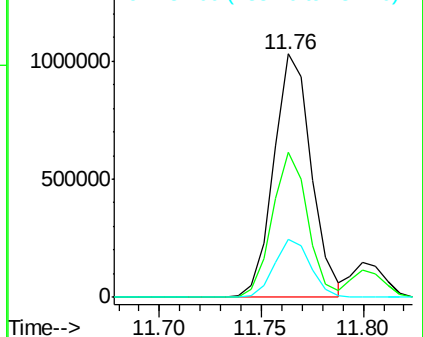
134 23.2 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 57.52 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015324.D

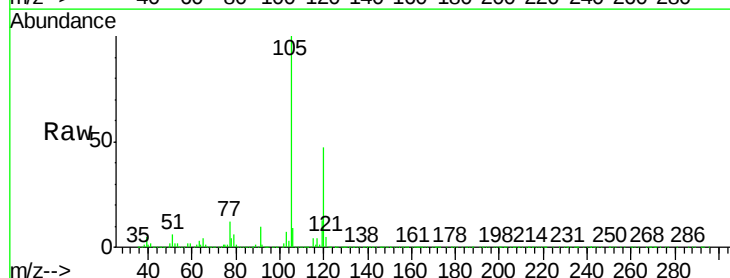
Acq: 18 Mar 2020 13:47

Tgt Ion:105 Resp: 1432122

Ion Ratio Lower Upper

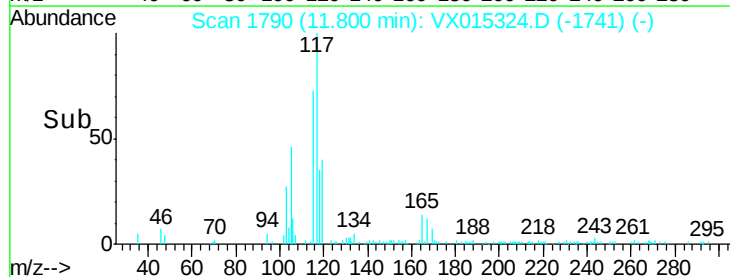
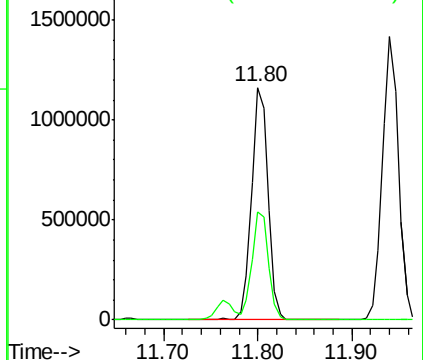
105 100

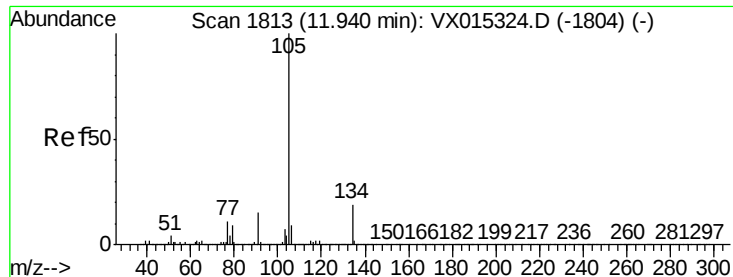
120 46.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

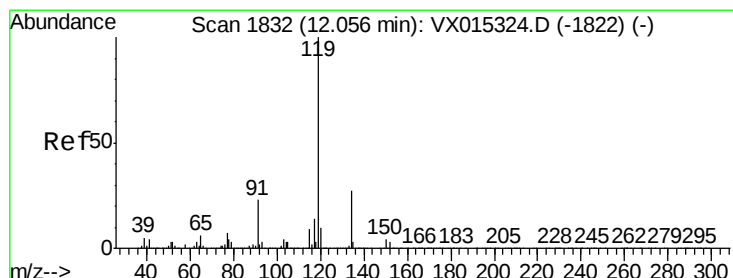
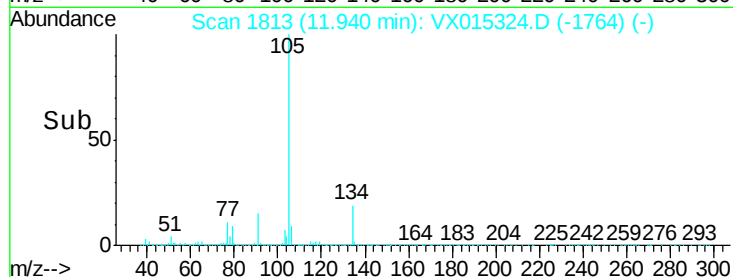
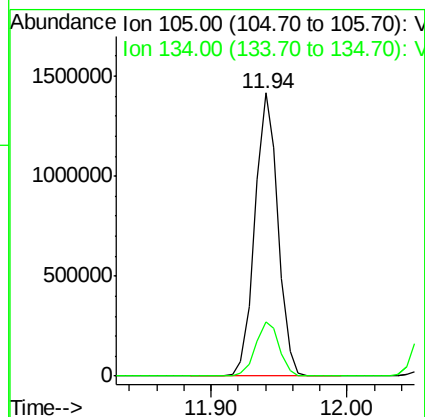
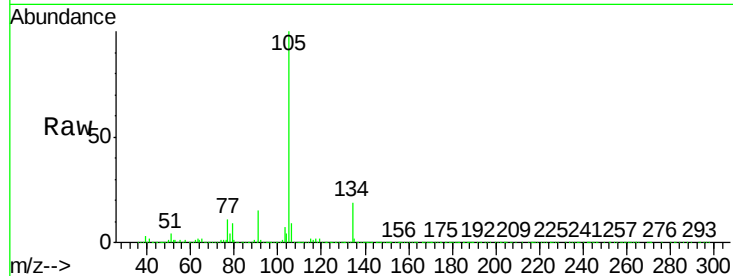




#85
 sec-Butylbenzene
 Concen: 58.13 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

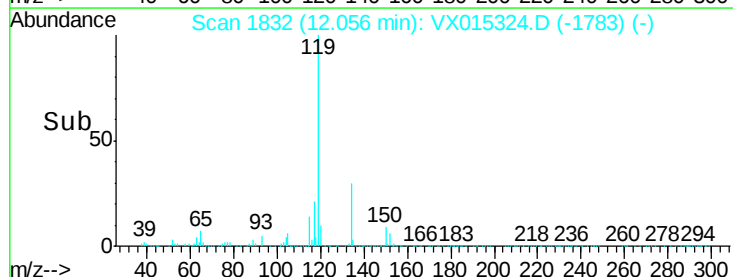
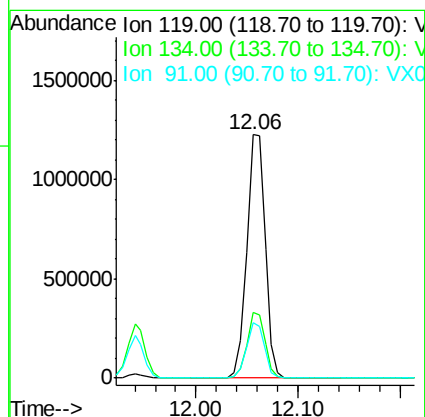
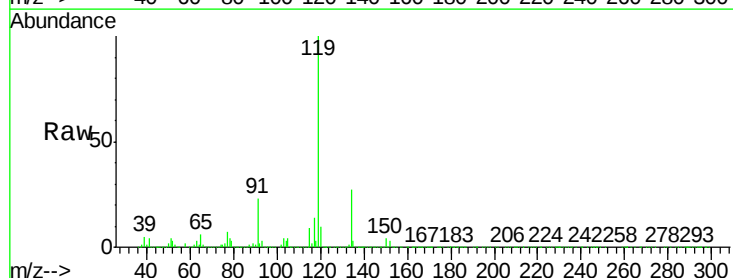
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

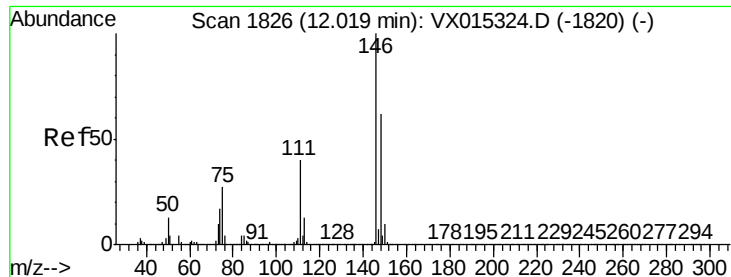
Tgt Ion:105 Resp: 1685333
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 57.35 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion:119 Resp: 1522679
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 22.0 11.0 33.0

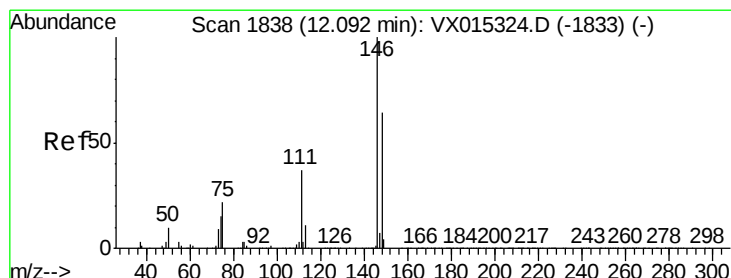
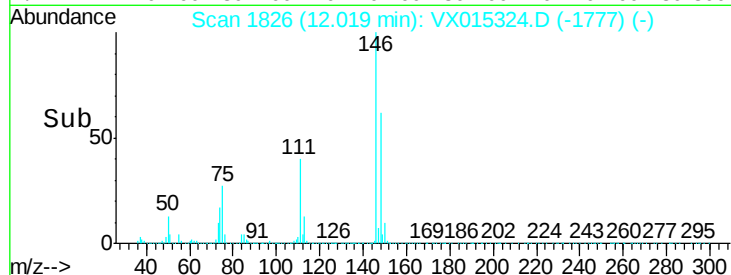
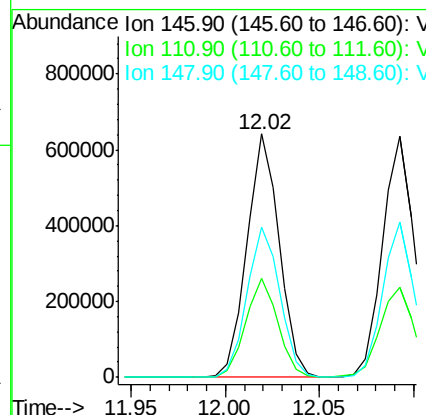
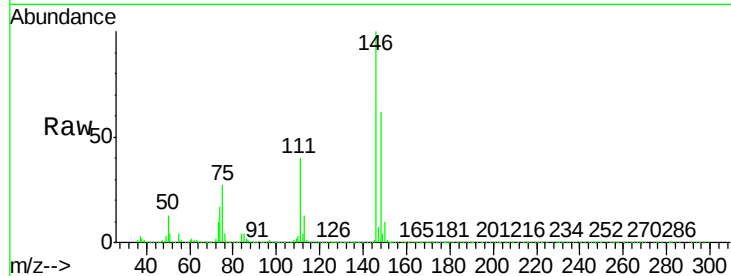




#87
 1,3-Dichlorobenzene
 Concen: 52.78 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

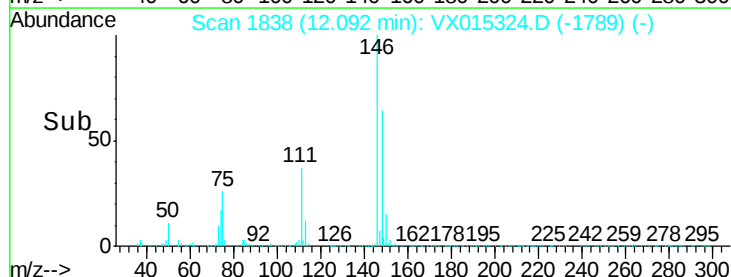
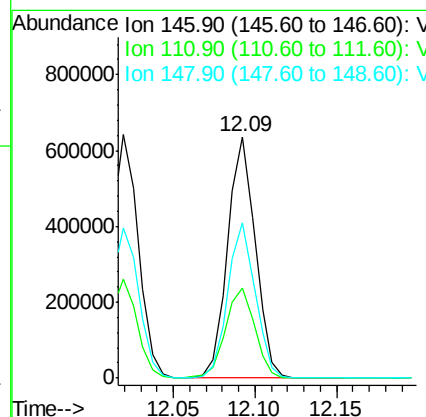
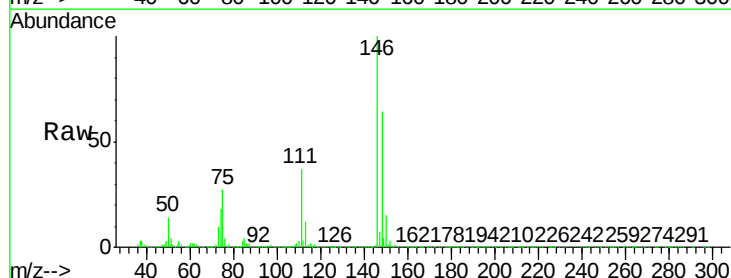
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

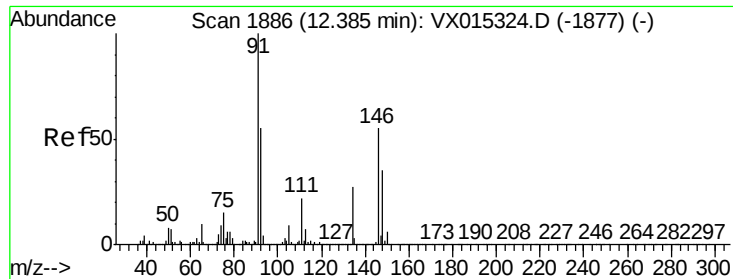
Tgt Ion:146 Resp: 763011
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 61.0
 148 62.9 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 50.51 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion:146 Resp: 751940
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.1
 148 64.0 32.0 96.0

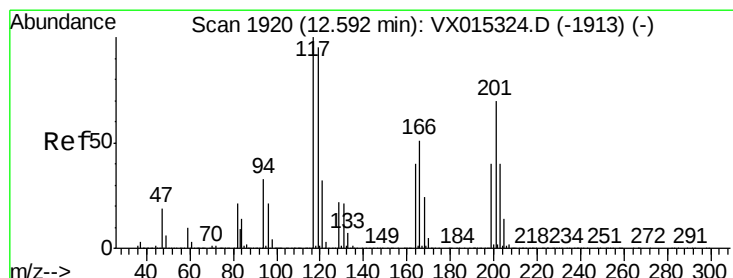
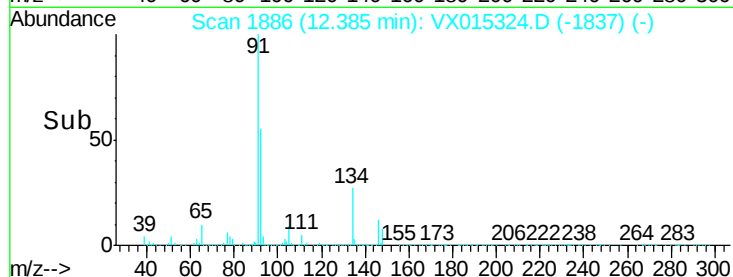
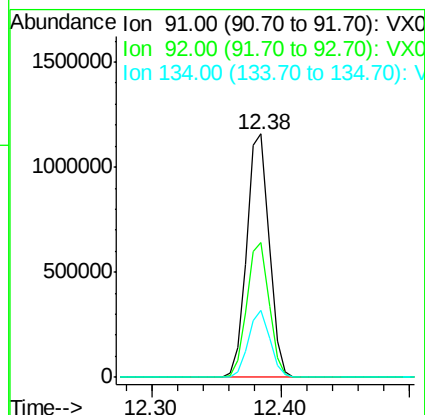
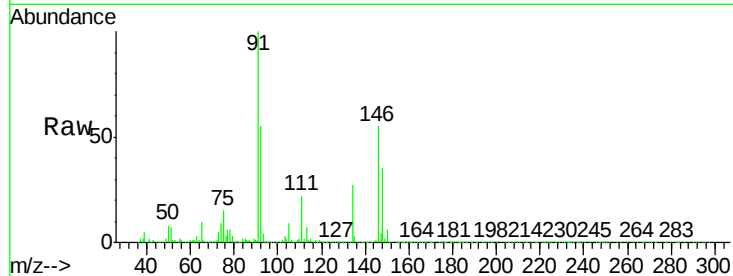




#89
n-Butylbenzene
Concen: 58.48 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

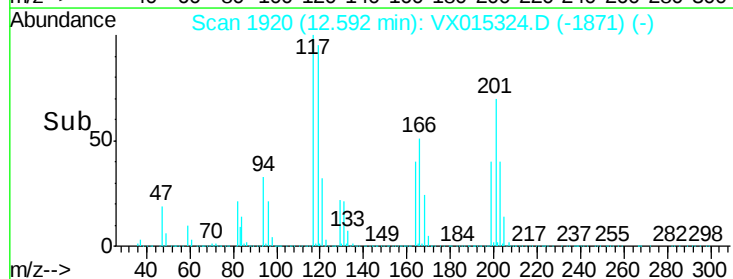
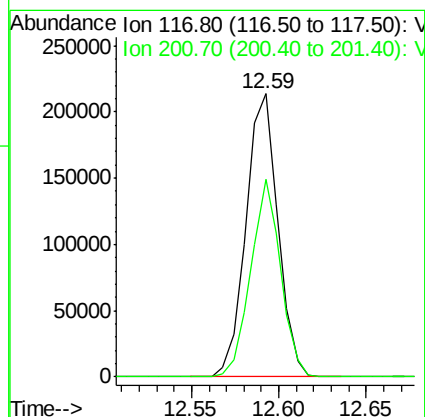
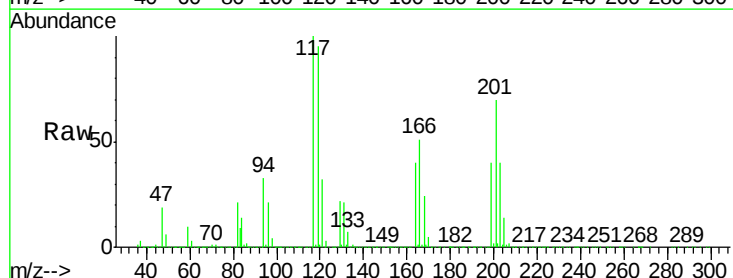
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

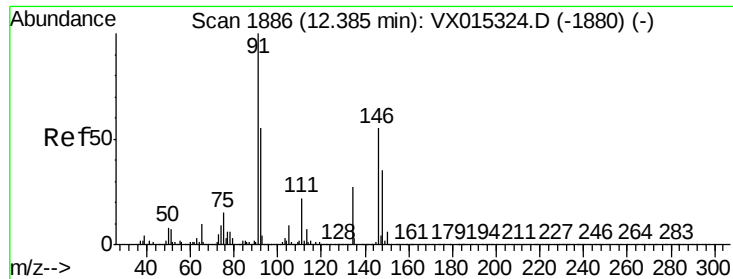
Tgt Ion: 91 Resp: 1385359
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.4
134 26.4 13.2 39.6



#90
Hexachloroethane
Concen: 53.95 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion: 117 Resp: 270807
Ion Ratio Lower Upper
117 100
201 65.4 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 53.20 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

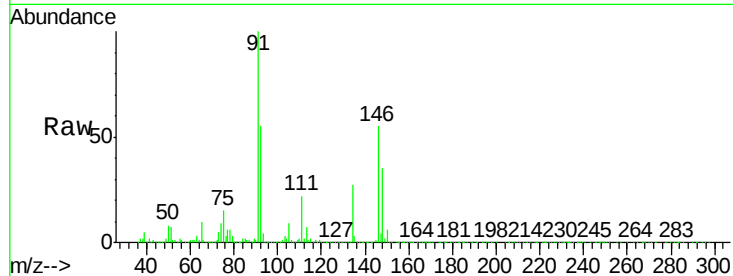
Tgt Ion:146 Resp: 768828

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

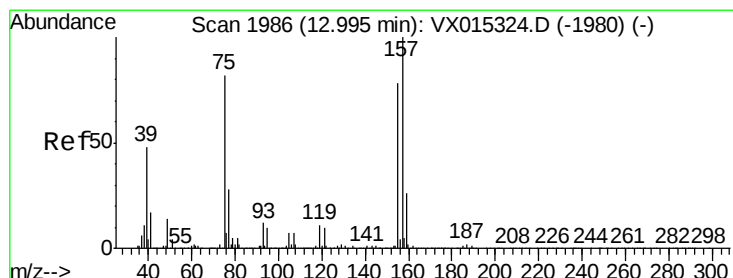
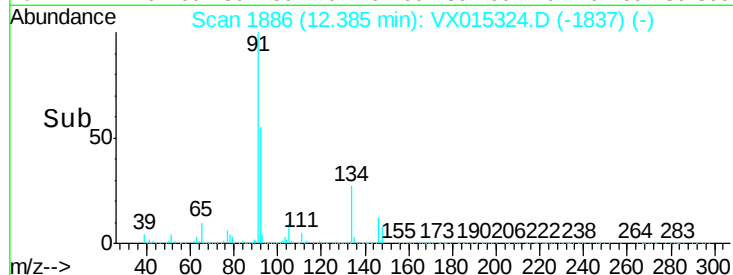
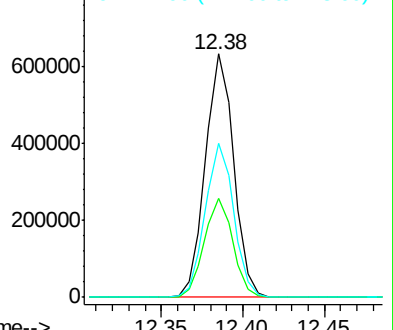
148 63.2 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.60 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

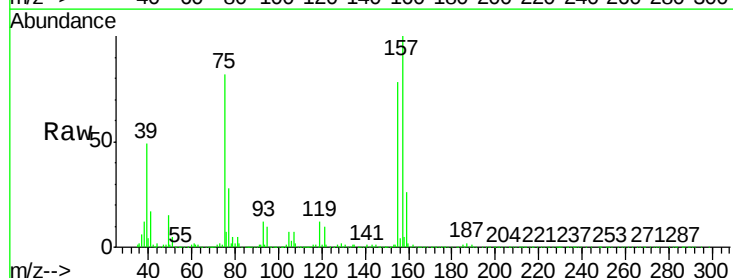
Tgt Ion: 75 Resp: 102588

Ion Ratio Lower Upper

75 100

155 97.8 48.9 146.7

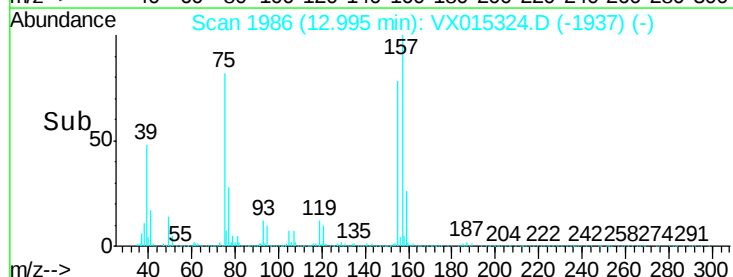
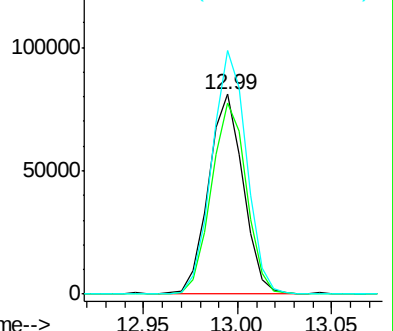
157 122.2 61.1 183.3

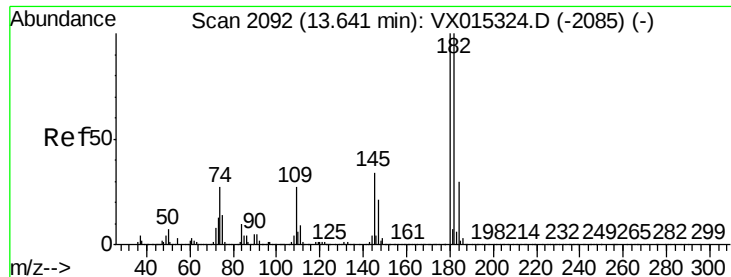


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

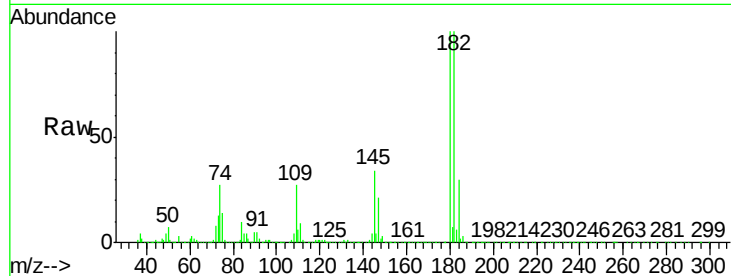




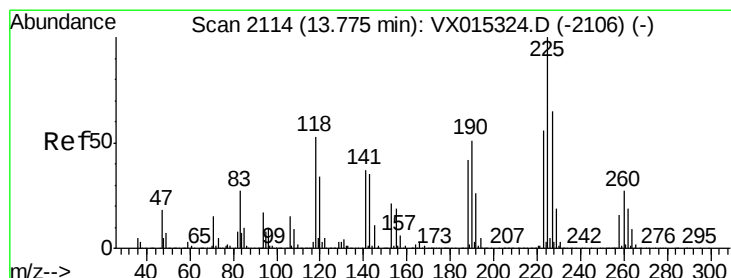
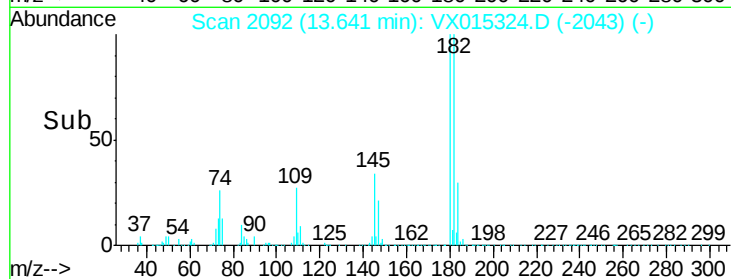
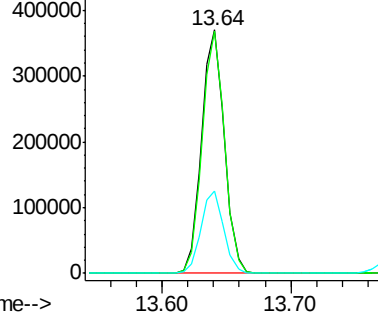
#93
 1,2,4-Trichlorobenzene
 Concen: 47.44 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 460544
 Ion Ratio Lower Upper
 180 100
 182 97.3 48.6 145.9
 145 33.4 16.7 50.1

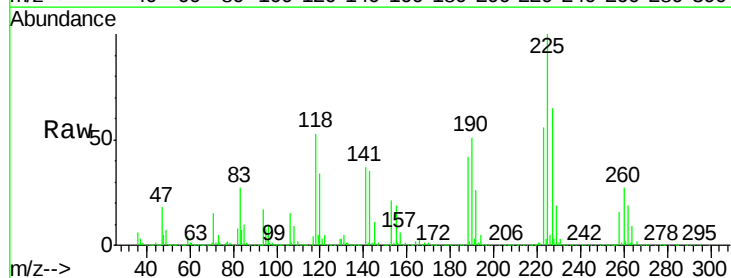


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

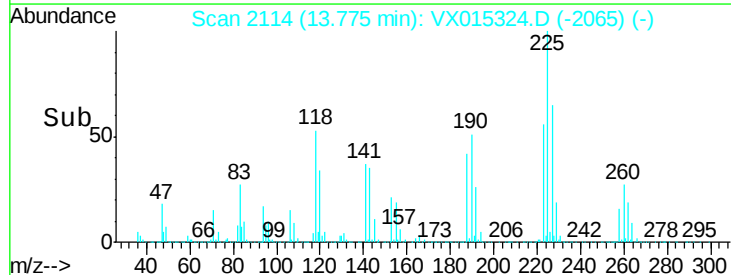
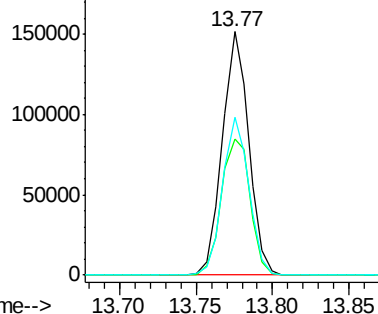


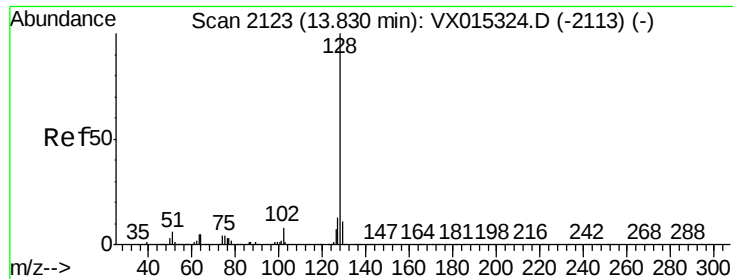
#94
 Hexachlorobutadiene
 Concen: 37.62 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion:225 Resp: 181740
 Ion Ratio Lower Upper
 225 100
 223 61.1 30.6 91.6
 227 64.5 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

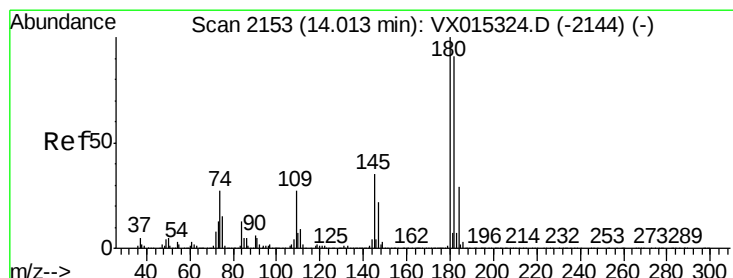
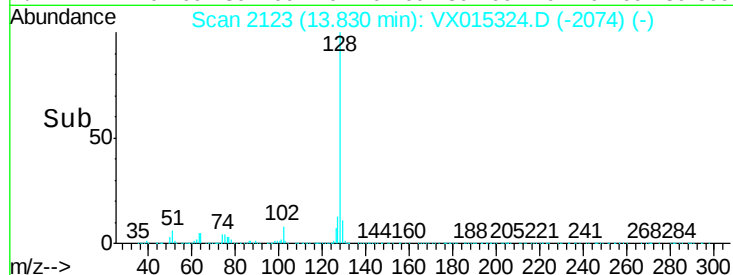
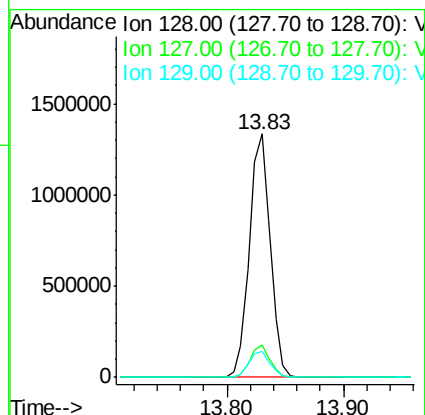
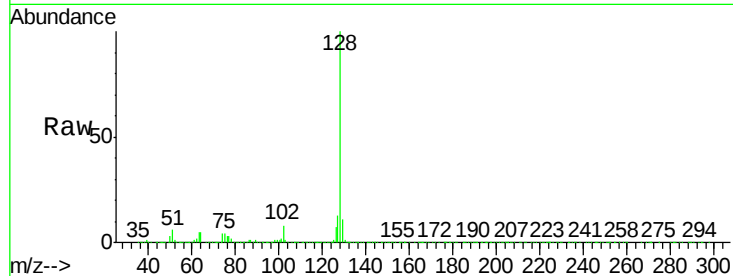




#95
Naphthalene
Concen: 60.73 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 1674424
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.62 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion:180 Resp: 460353
Ion Ratio Lower Upper
180 100
182 94.0 47.0 141.0
145 35.2 17.6 52.8

