

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
 Data File : VX015082.D
 Acq On : 04 Mar 2020 09:47
 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 04 13:17:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 13:12:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	395284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	604260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	561153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	290818	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	226845	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
35) Dibromofluoromethane	5.49	113	186147	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	8.71	98	723365	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.13	95	254232	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	167650	48.43	ug/l	100
3) Chloromethane	1.32	50	228679	46.64	ug/l	100
4) Vinyl Chloride	1.40	62	238192	47.91	ug/l	100
5) Bromomethane	1.64	94	145643	47.65	ug/l	100
6) Chloroethane	1.72	64	144728	48.53	ug/l	100
7) Trichlorofluoromethane	1.92	101	288492	48.77	ug/l	100
8) Diethyl Ether	2.18	74	132483	48.92	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	182817	49.12	ug/l	100
10) Methyl Iodide	2.50	142	226809	53.94	ug/l	100
11) Tert butyl alcohol	3.04	59	197493	242.73	ug/l	100
12) 1,1-Dichloroethene	2.37	96	184218	47.96	ug/l	100
13) Acrolein	2.28	56	184215	240.92	ug/l	100
14) Allyl chloride	2.72	41	330964	49.41	ug/l	100
15) Acrylonitrile	3.13	53	508233	250.82	ug/l	100
16) Acetone	2.44	43	463562	244.09	ug/l	100
17) Carbon Disulfide	2.56	76	518658	48.62	ug/l	100
18) Methyl Acetate	2.76	43	219475	47.26	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	604433	50.35	ug/l	100
20) Methylene Chloride	2.85	84	205496	46.24	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	199561	48.65	ug/l	100
22) Diisopropyl ether	3.84	45	675202	50.60	ug/l	100
23) Vinyl Acetate	3.81	43	2872057	261.83	ug/l	100
24) 1,1-Dichloroethane	3.69	63	363433	49.07	ug/l	100
25) 2-Butanone	4.66	43	715359	257.29	ug/l	100
26) 2,2-Dichloropropane	4.58	77	289756	49.28	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	228441	49.65	ug/l	100
28) Bromochloromethane	5.01	49	169968	50.40	ug/l	100
29) Tetrahydrofuran	5.12	42	449197	250.63	ug/l	100
30) Chloroform	5.20	83	353628	48.99	ug/l	100
31) Cyclohexane	5.58	56	328836	49.78	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	299303	50.02	ug/l	100
36) 1,1-Dichloropropene	5.79	75	272450	48.74	ug/l	100
37) Ethyl Acetate	4.82	43	277562	53.54	ug/l	100
38) Carbon Tetrachloride	5.78	117	261280	49.52	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	329246	50.45	ug/l	100
40) Benzene	6.14	78	826360	49.83	ug/l	100
41) Methacrylonitrile	5.03	41	155065	53.93	ug/l	100
42) 1,2-Dichloroethane	6.18	62	284278	49.92	ug/l	100
43) Isopropyl Acetate	6.43	43	463890	50.86	ug/l	100
44) Trichloroethene	7.21	130	227745	49.31	ug/l	100
45) 1,2-Dichloropropane	7.51	63	214322	49.93	ug/l	100
46) Dibromomethane	7.65	93	137159	49.04	ug/l	100
47) Bromodichloromethane	7.89	83	278456	50.34	ug/l	100
48) Methyl methacrylate	7.76	41	231582	49.88	ug/l	100
49) 1,4-Dioxane	7.75	88	97401	972.64	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1402393	260.06	ug/l	100
52) Toluene	8.78	92	517201	51.01	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	309715	52.27	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	342226	51.42	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	208280	49.90	ug/l	100
56) Ethyl methacrylate	9.17	69	317486	53.34	ug/l	100
57) 1,3-Dichloropropane	9.37	76	351035	50.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	831881	256.53	ug/l	100
59) 2-Hexanone	9.48	43	1063828	266.18	ug/l	100
60) Dibromochloromethane	9.57	129	222512	50.75	ug/l	100
61) 1,2-Dibromoethane	9.67	107	215499	49.16	ug/l	100
64) Tetrachloroethene	9.33	164	226712	48.86	ug/l	100
65) Chlorobenzene	10.14	112	553675	49.15	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	207391	48.82	ug/l	100
67) Ethyl Benzene	10.25	91	973800	50.90	ug/l	100
68) m/p-Xylenes	10.35	106	746479	102.56	ug/l	100
69) o-Xylene	10.70	106	356163	51.11	ug/l	100
70) Styrene	10.71	104	618184	51.74	ug/l	100
71) Bromoform	10.85	173	168441	51.13	ug/l	100
73) Isopropylbenzene	11.01	105	963782	51.88	ug/l	100
74) N-amyl acetate	10.89	43	407691	52.07	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	299501	48.37	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	349653	61.26	ug/l	80
77) Bromobenzene	11.25	156	249070	48.11	ug/l	100
78) n-propylbenzene	11.35	91	1103843	52.01	ug/l	100
79) 2-Chlorotoluene	11.42	91	633836	50.01	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	797079	51.54	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	103917	50.84	ug/l	100
82) 4-Chlorotoluene	11.51	91	748144	49.96	ug/l	100
83) tert-Butylbenzene	11.76	119	763088	51.03	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	800927	51.55	ug/l	100
85) sec-Butylbenzene	11.94	105	932113	51.64	ug/l	100
86) p-Isopropyltoluene	12.06	119	869948	52.31	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	445319	48.93	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	444220	48.35	ug/l	100
89) n-Butylbenzene	12.39	91	779283	52.68	ug/l	100
90) Hexachloroethane	12.59	117	153541	48.83	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	434036	47.97	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	63421	51.16	ug/l	100

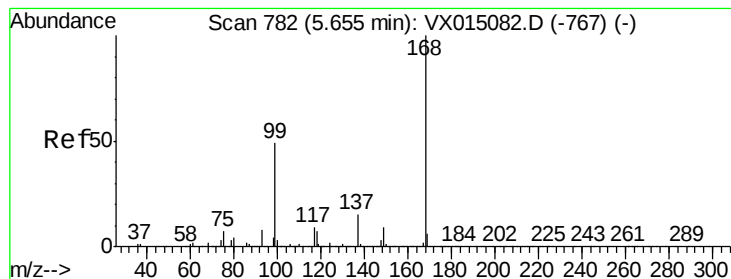
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	316590	50.40	ug/l	100
94) Hexachlorobutadiene	13.78	225	156588	48.58	ug/l	100
95) Naphthalene	13.83	128	932228	54.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	320010	51.06	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

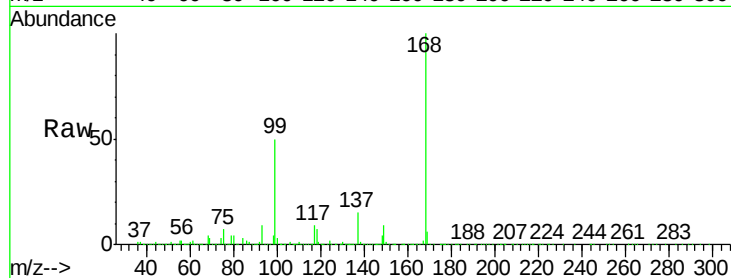
VSTDICCC050

Tgt Ion:168 Resp: 395284

Ion Ratio Lower Upper

168 100

99 49.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

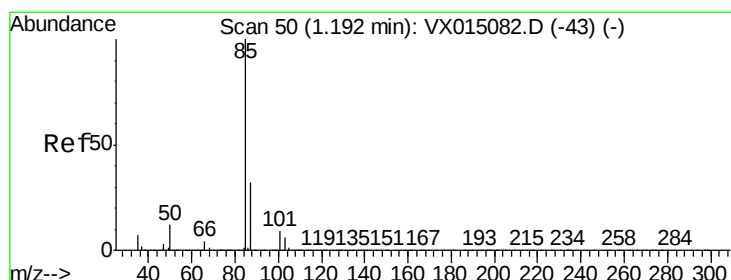
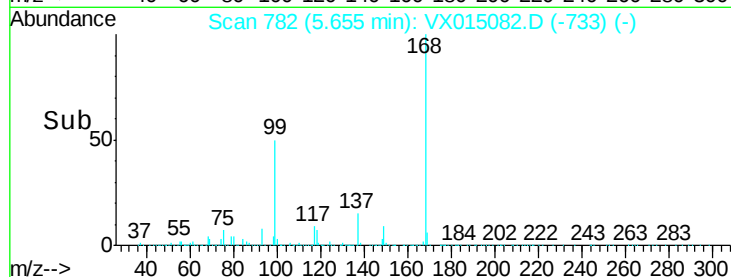
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.43 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015082.D

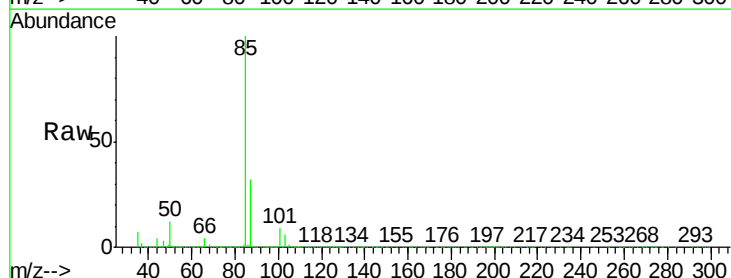
Acq: 04 Mar 2020 09:47

Tgt Ion: 85 Resp: 167650

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

1.19

200000

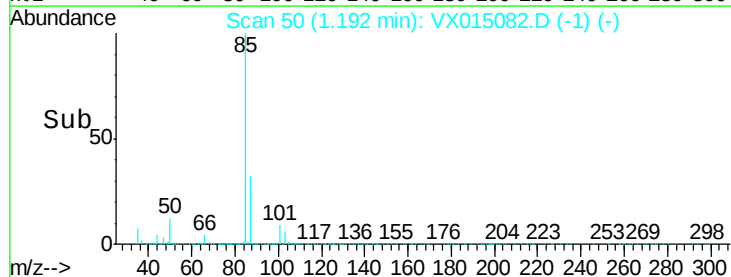
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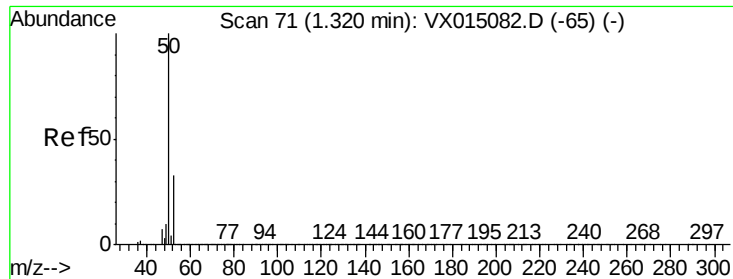
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.64 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

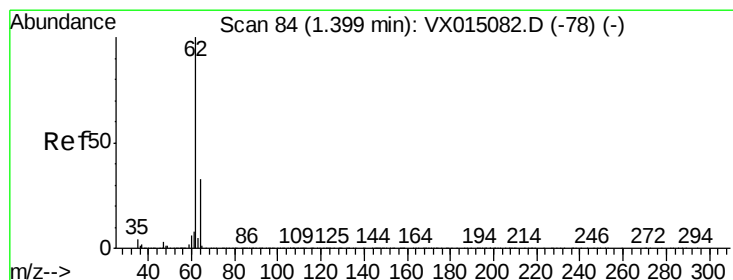
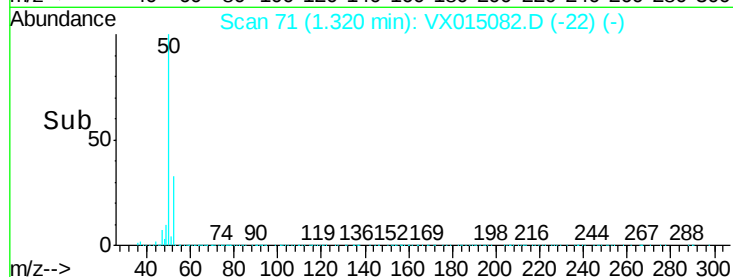
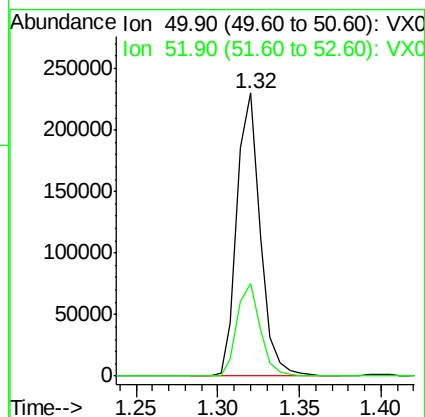
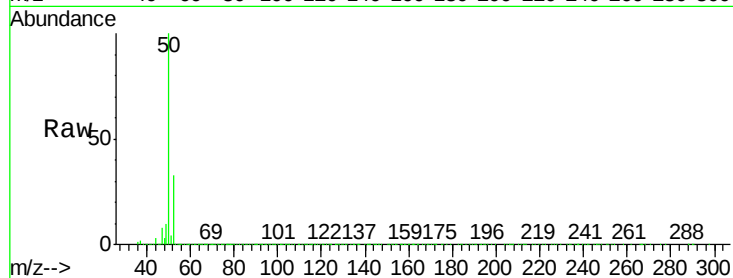
VSTDICCC050

Tgt Ion: 50 Resp: 228679

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 47.91 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015082.D

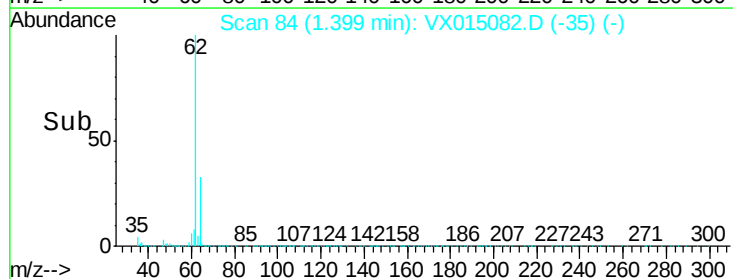
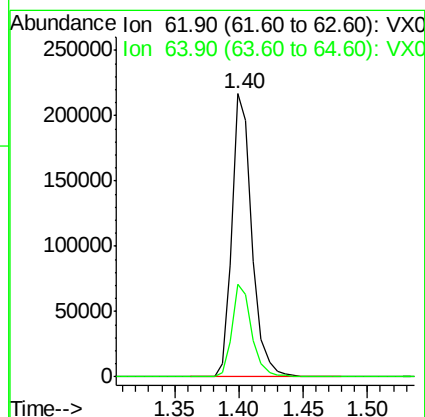
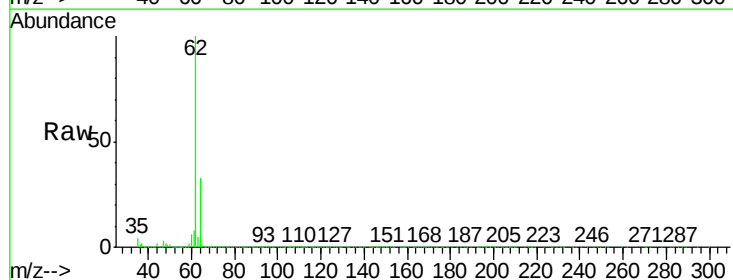
Acq: 04 Mar 2020 09:47

Tgt Ion: 62 Resp: 238192

Ion Ratio Lower Upper

62 100

64 32.6 26.1 39.1





#5

Bromomethane

Concen: 47.65 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

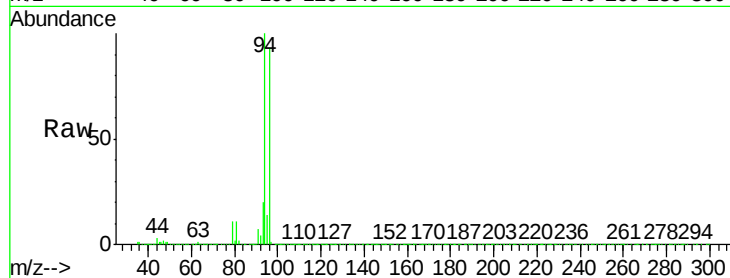
VSTDICCC050

Tgt Ion: 94 Resp: 145643

Ion Ratio Lower Upper

94 100

96 93.2 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

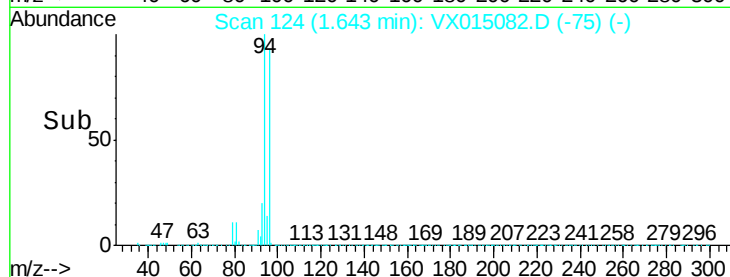
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Time-->



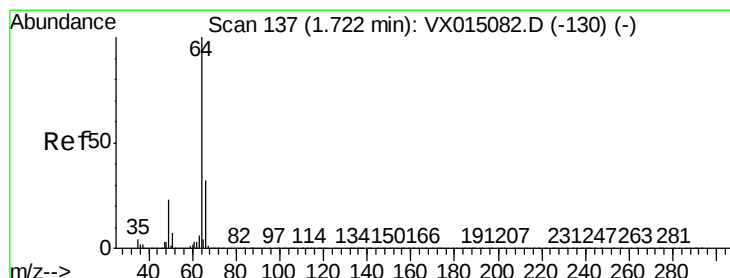
1.64

1.60

1.65

1.70

1.75



#6

Chloroethane

Concen: 48.53 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015082.D

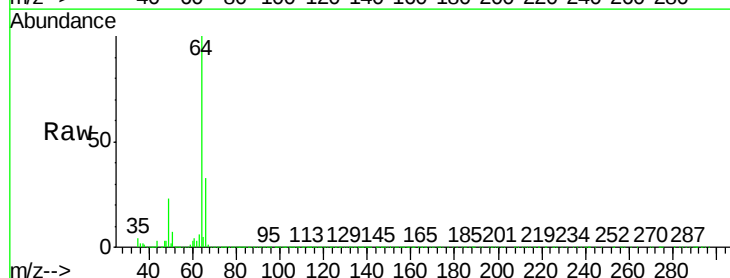
Acq: 04 Mar 2020 09:47

Tgt Ion: 64 Resp: 144728

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

120000

100000

80000

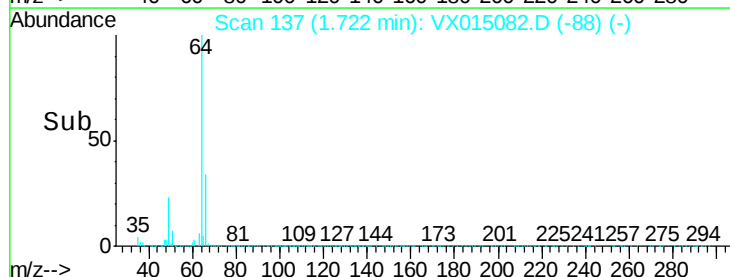
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40000

20000

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Time-->

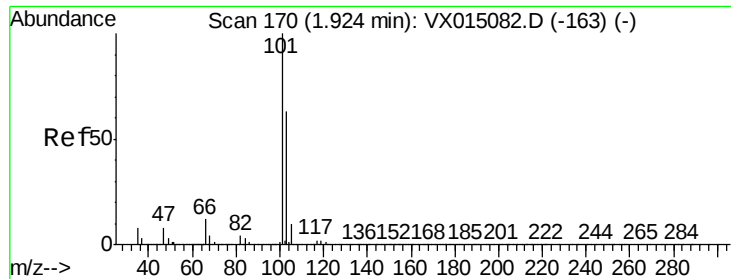


1.72

1.70

1.75

1.80

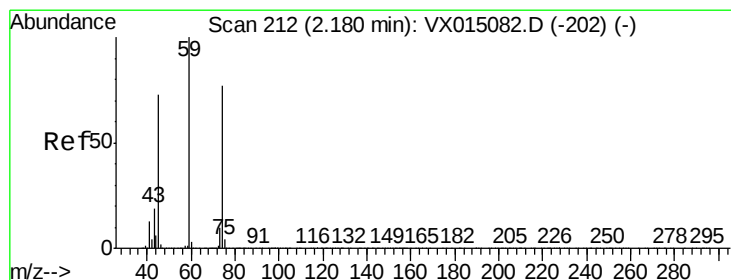
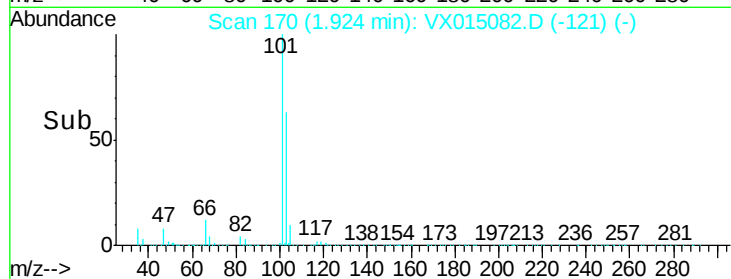
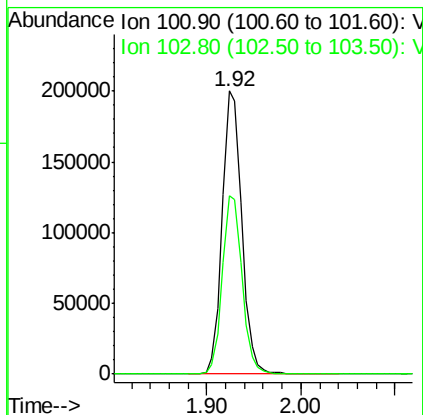
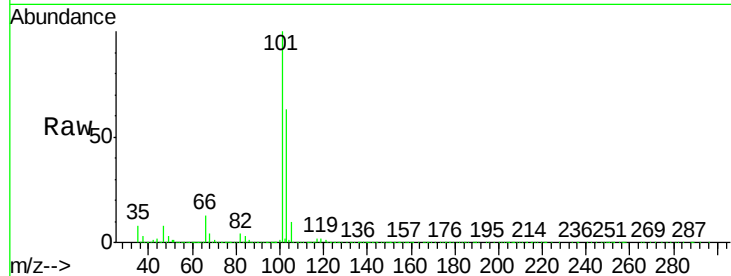


#7

Trichlorofluoromethane
Concen: 48.77 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
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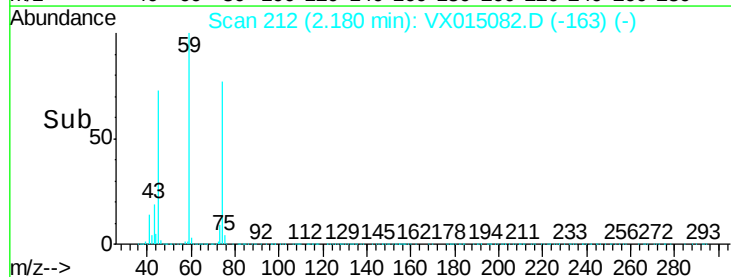
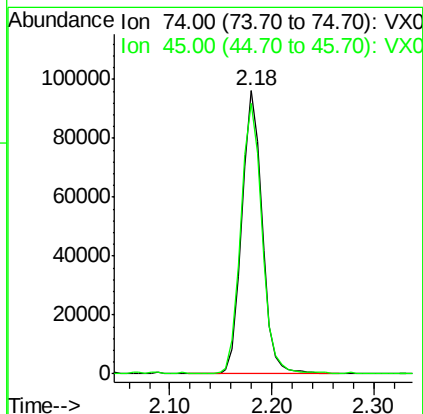
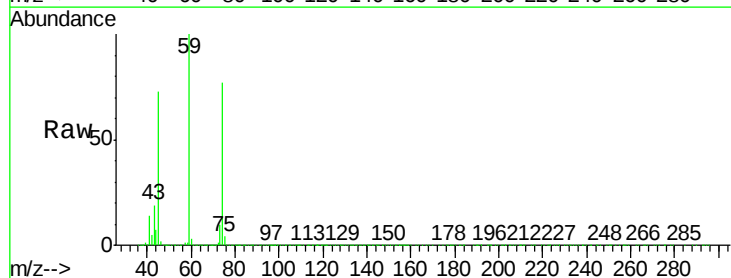
Tgt Ion: 101 Resp: 288492
Ion Ratio Lower Upper
101 100
103 63.0 50.4 75.6

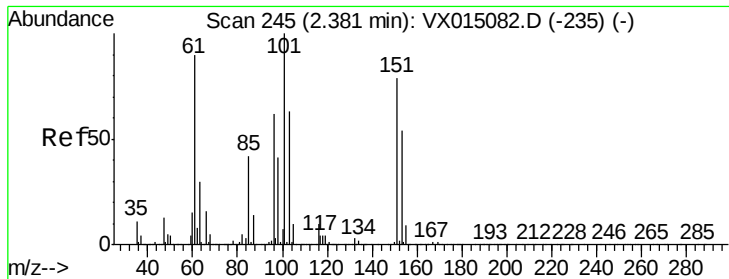


#8

Diethyl Ether
Concen: 48.92 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion: 74 Resp: 132483
Ion Ratio Lower Upper
74 100
45 98.4 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.12 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

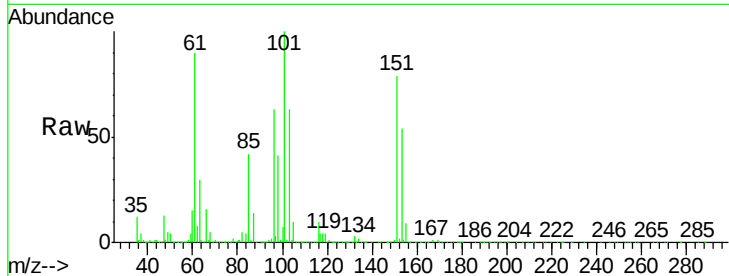
Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

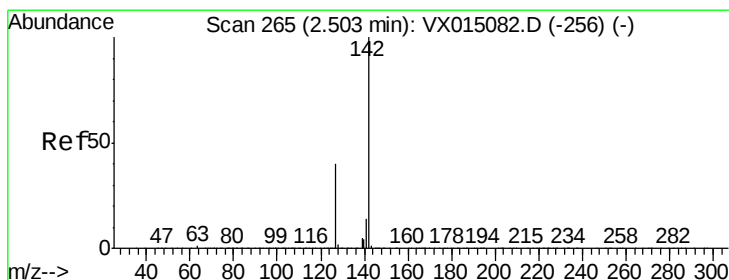
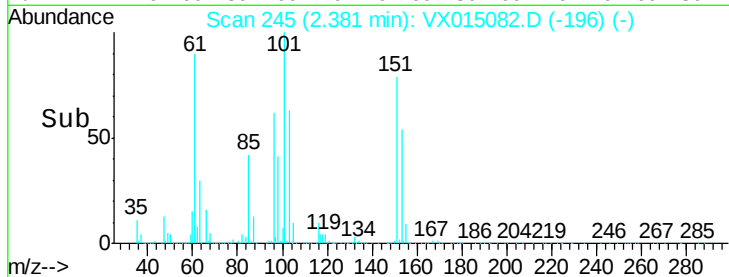
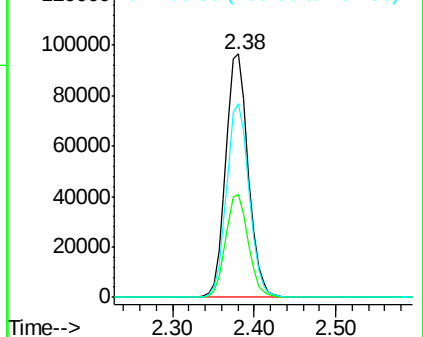
Tgt Ion:	101	Resp:	182817
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.7	50.5
151	80.0	64.0	96.0



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: 53.94 ug/l

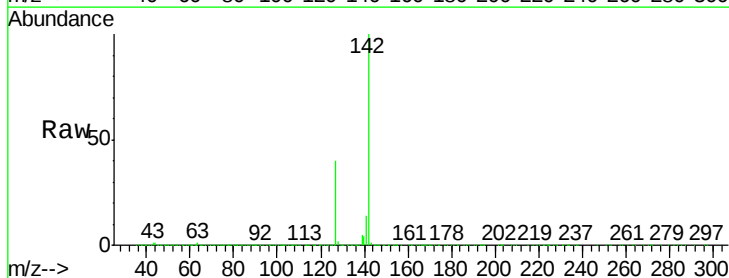
RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

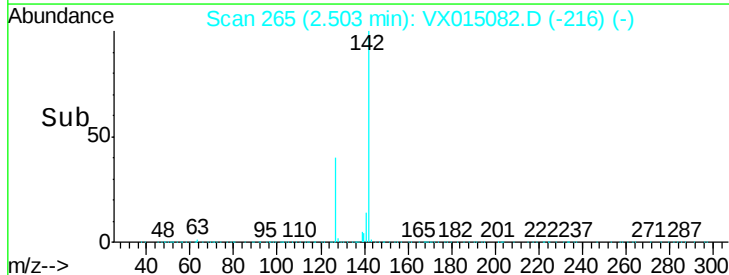
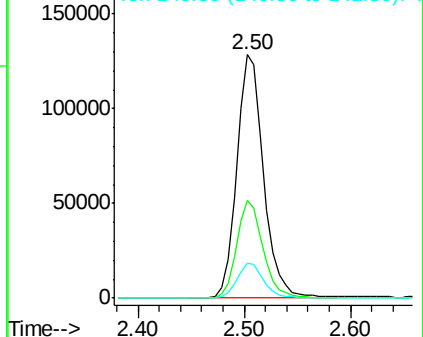
Tgt Ion:	142	Resp:	226809
Ion Ratio	Lower	Upper	
142	100		
127	39.6	31.7	47.5
141	14.1	11.3	16.9

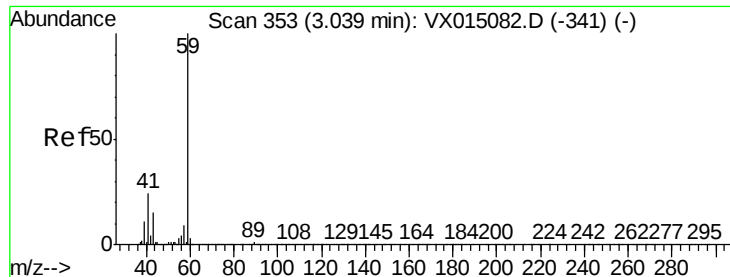


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

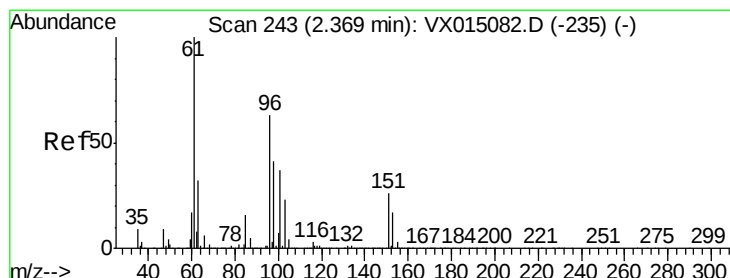
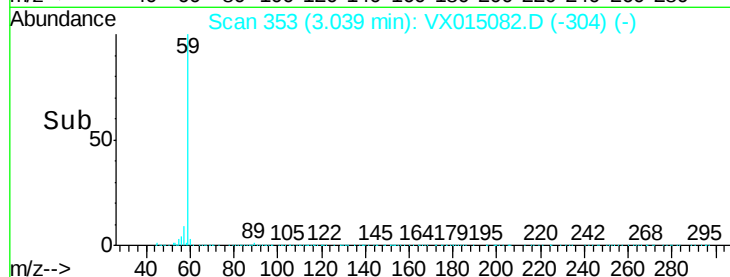
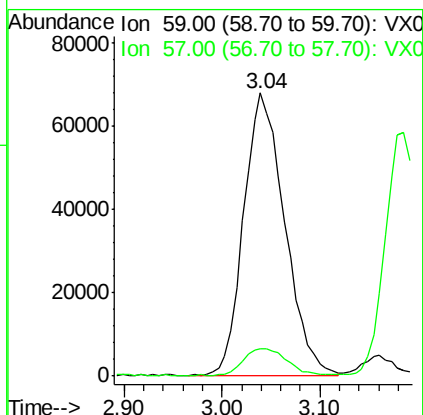
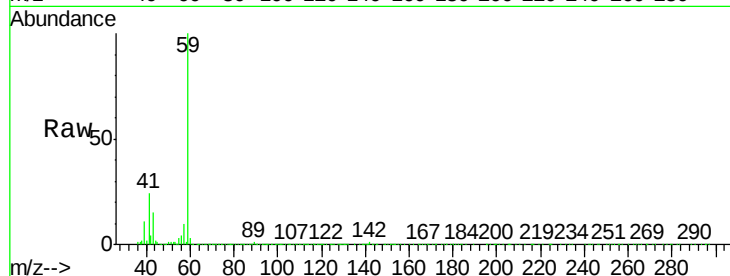




#11
Tert butyl alcohol
Concen: 242.73 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

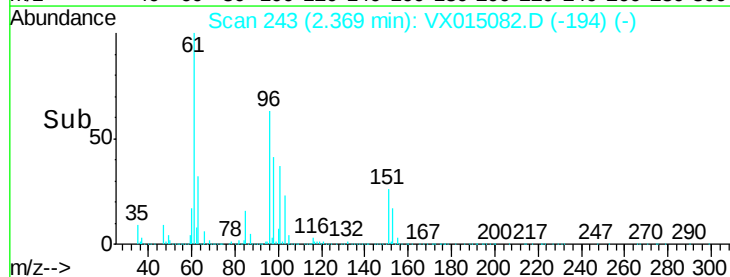
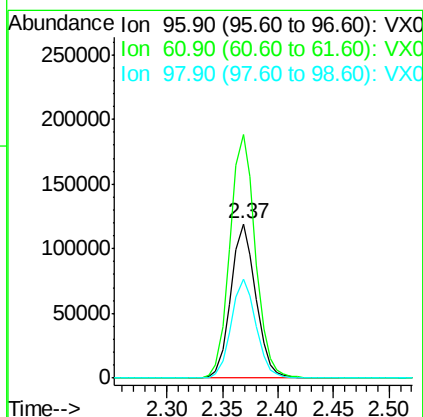
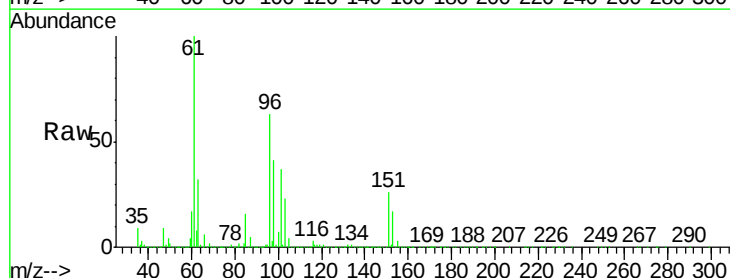
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

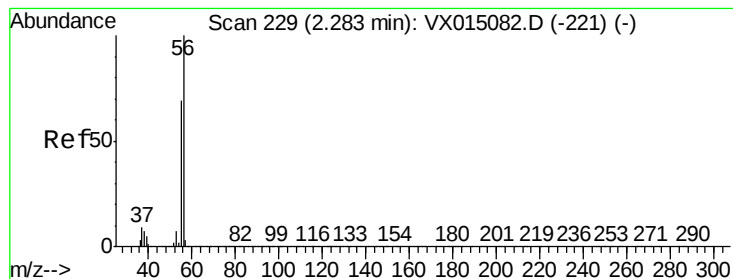
Tgt Ion: 59 Resp: 197493
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.96 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion: 96 Resp: 184218
Ion Ratio Lower Upper
96 100
61 157.8 126.2 189.4
98 64.2 51.4 77.0





#13

Acrolein

Concen: 240.92 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

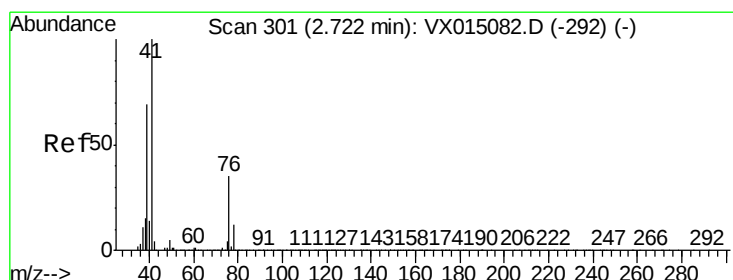
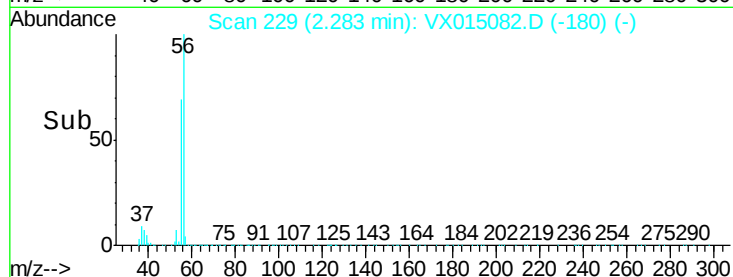
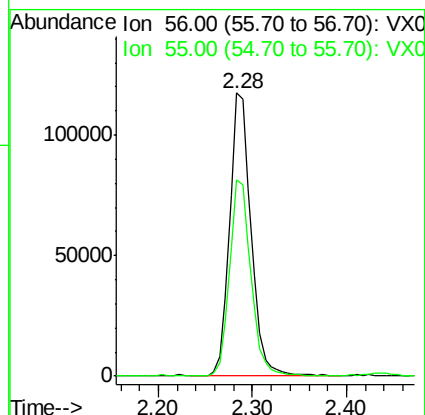
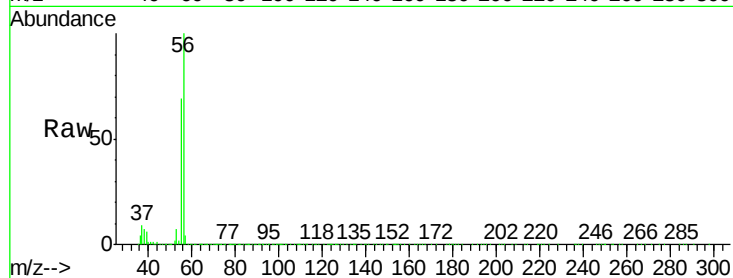
VSTDICCC050

Tgt Ion: 56 Resp: 184215

Ion Ratio Lower Upper

56 100

55 69.2 55.4 83.0



#14

Allyl chloride

Concen: 49.41 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

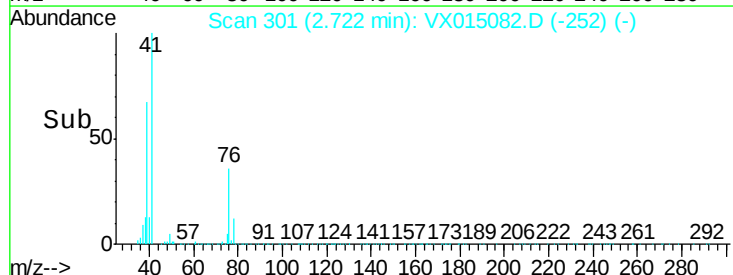
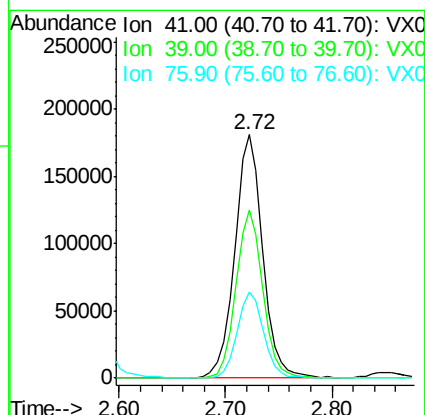
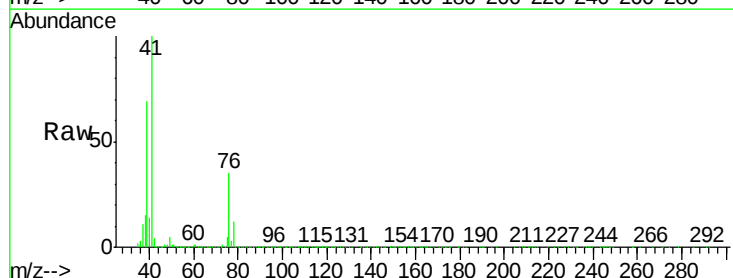
Tgt Ion: 41 Resp: 330964

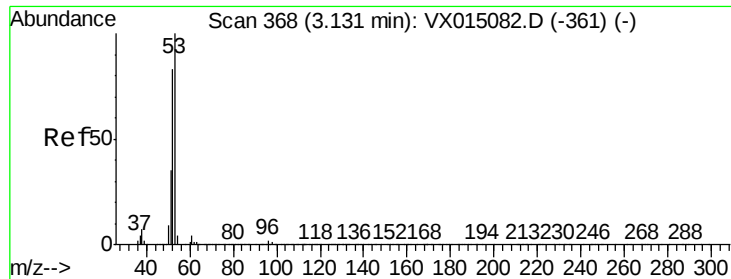
Ion Ratio Lower Upper

41 100

39 66.1 52.9 79.3

76 33.5 26.8 40.2





#15

Acrylonitrile

Concen: 250.82 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

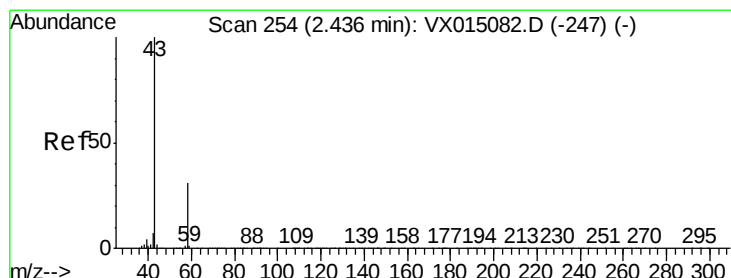
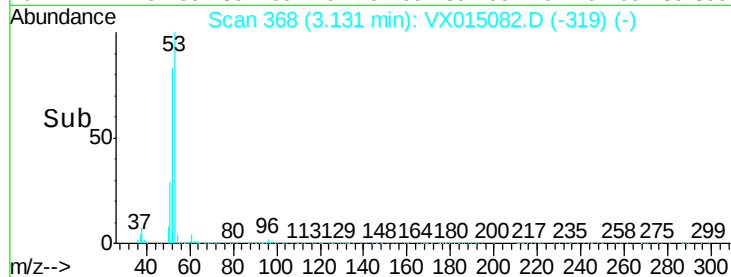
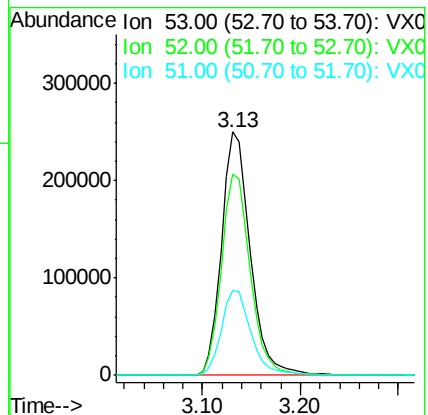
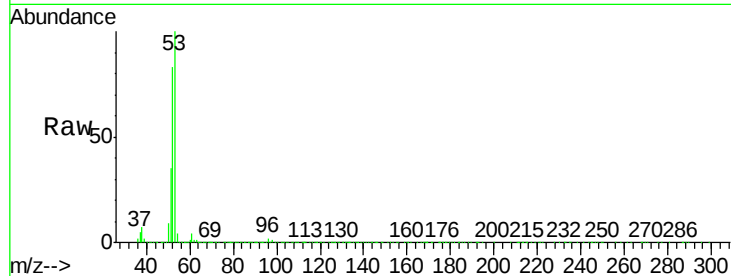
Tgt Ion: 53 Resp: 508233

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

51 36.3 29.0 43.6



#16

Acetone

Concen: 244.09 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015082.D

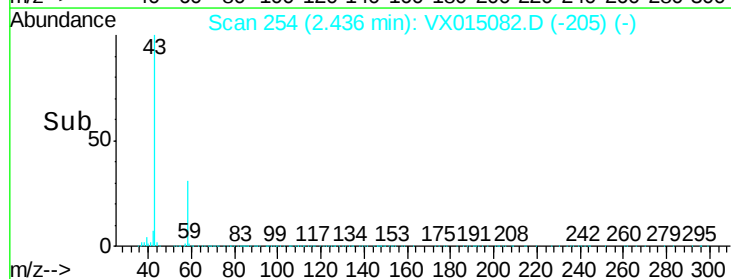
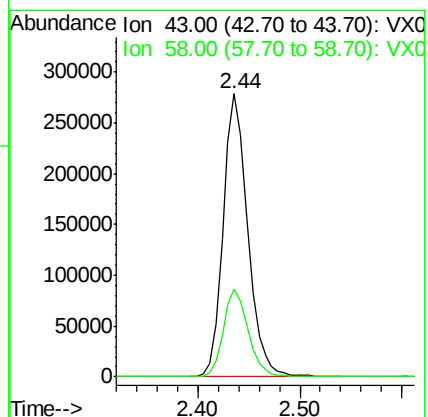
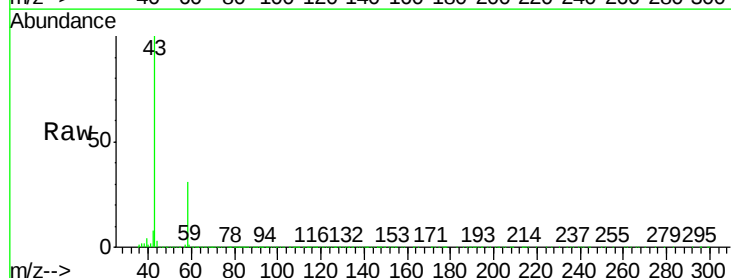
Acq: 04 Mar 2020 09:47

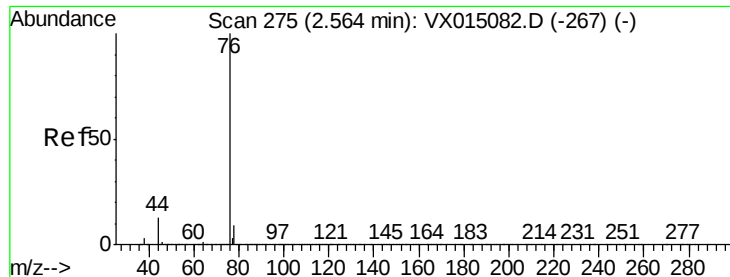
Tgt Ion: 43 Resp: 463562

Ion Ratio Lower Upper

43 100

58 31.0 24.8 37.2

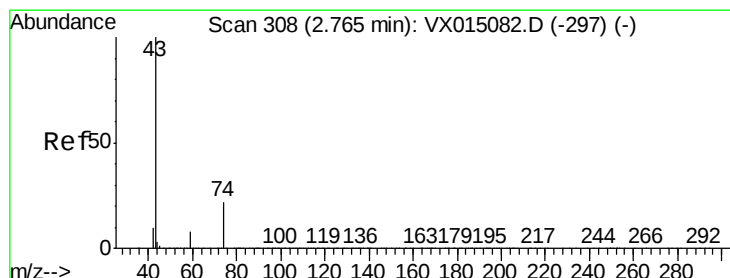
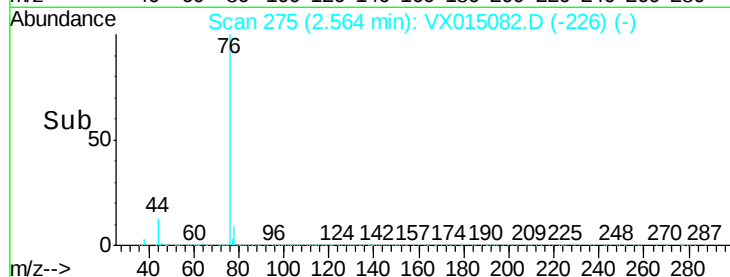
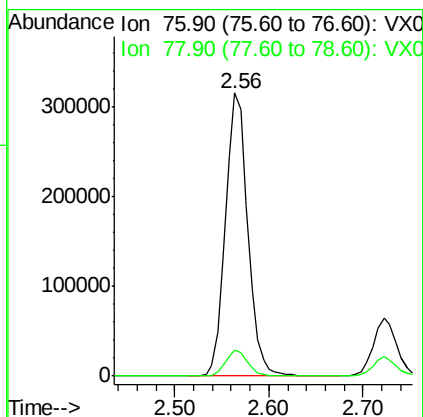
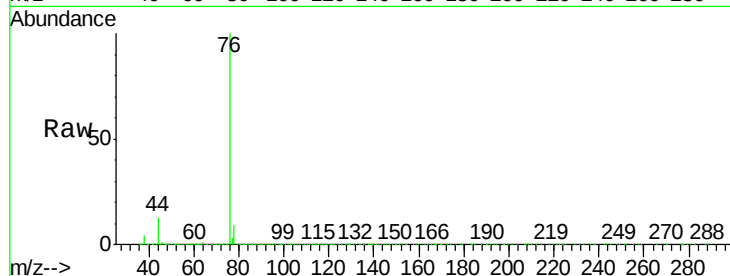




#17
Carbon Disulfide
Concen: 48.62 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

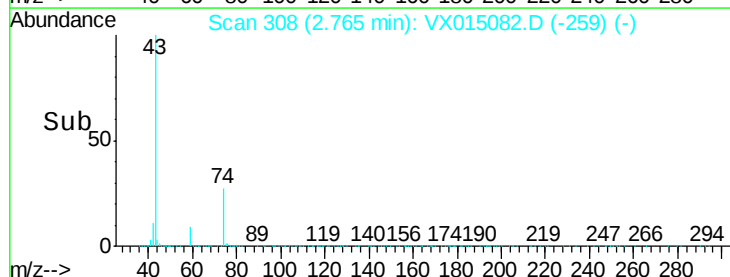
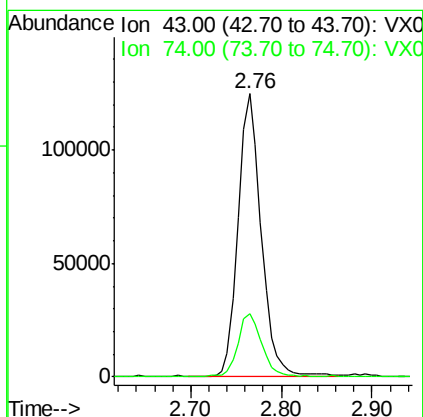
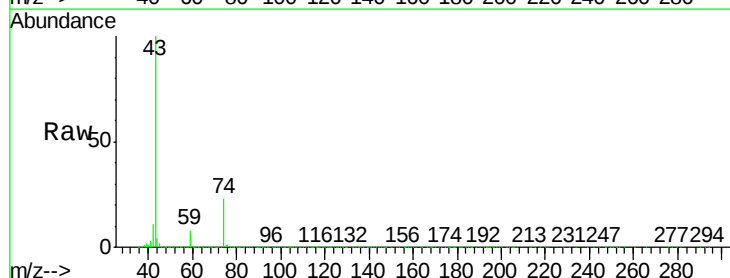
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

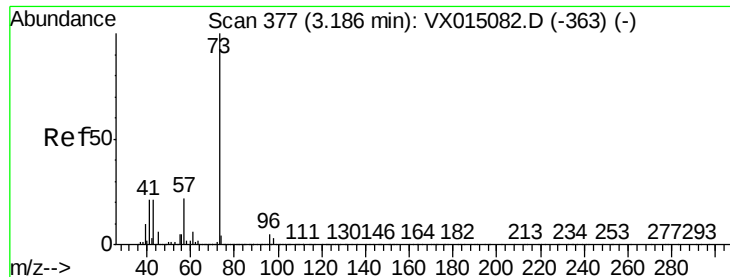
Tgt Ion: 76 Resp: 518658
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 47.26 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion: 43 Resp: 219475
Ion Ratio Lower Upper
43 100
74 23.5 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 50.35 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

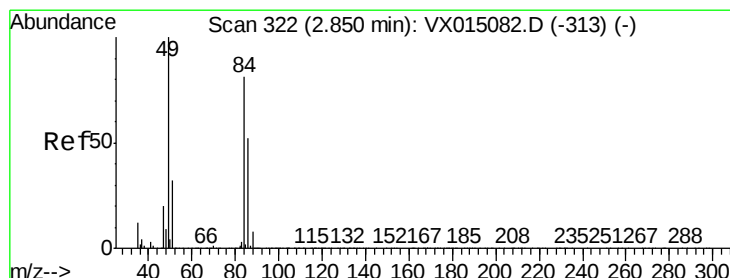
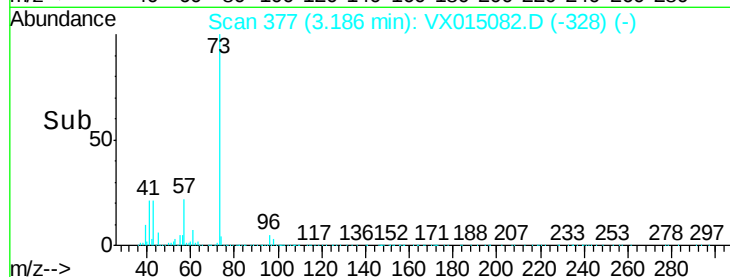
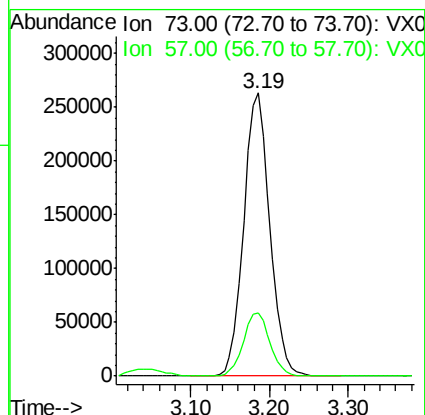
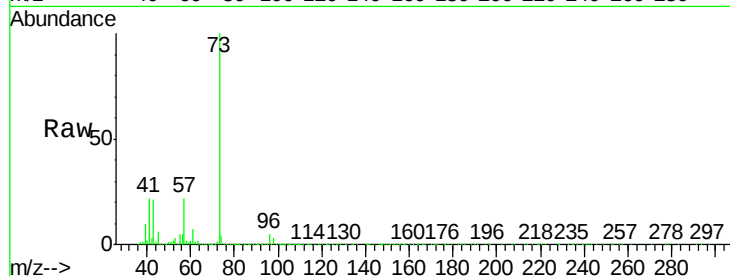
VSTDICCC050

Tgt Ion: 73 Resp: 604433

Ion Ratio Lower Upper

73 100

57 22.2 17.8 26.6



#20

Methylene Chloride

Concen: 46.24 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Tgt Ion: 84 Resp: 205496

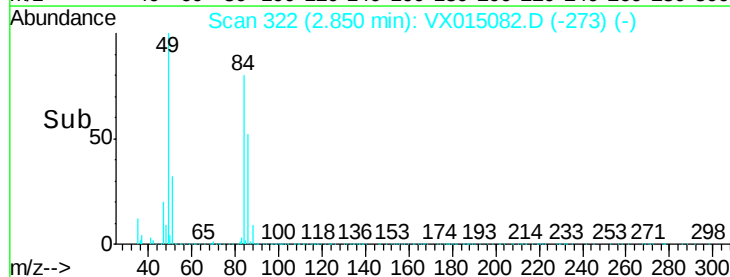
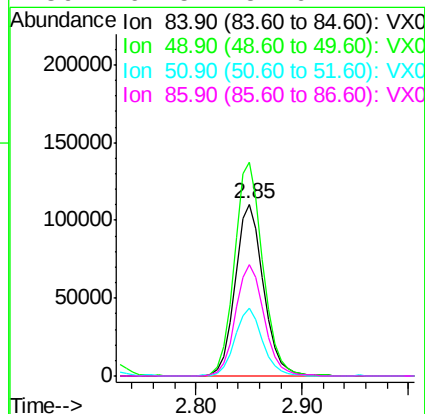
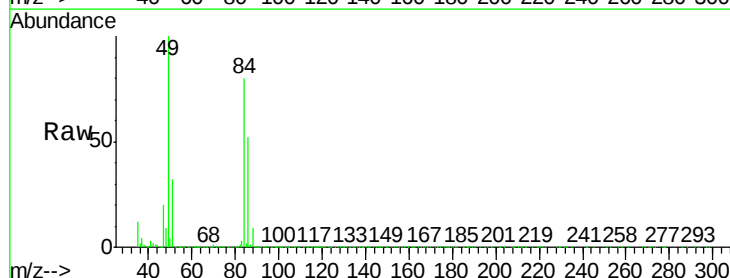
Ion Ratio Lower Upper

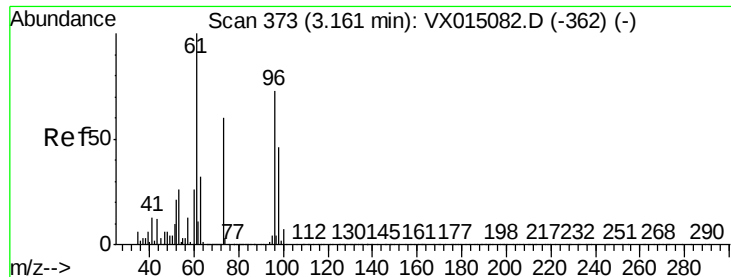
84 100

49 124.3 99.4 149.2

51 39.4 31.5 47.3

86 64.5 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 48.65 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

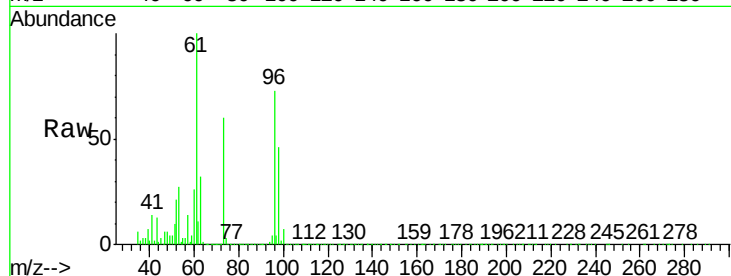
Tgt Ion: 96 Resp: 199561

Ion Ratio Lower Upper

96 100

61 137.4 109.9 164.9

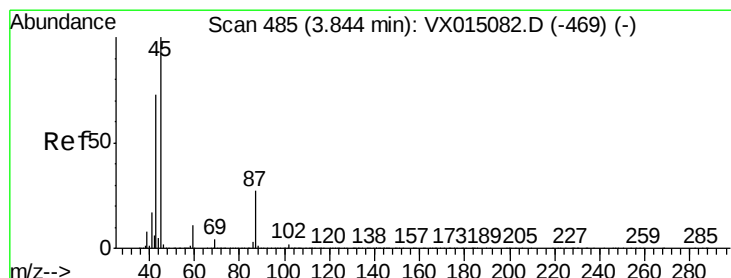
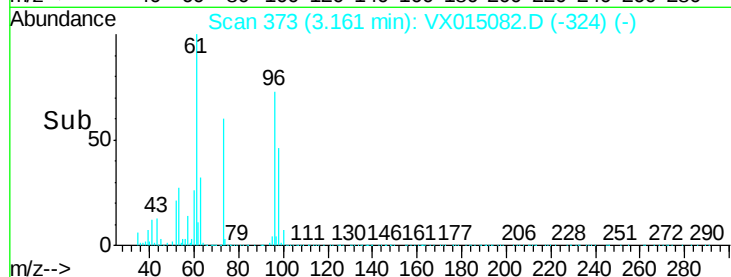
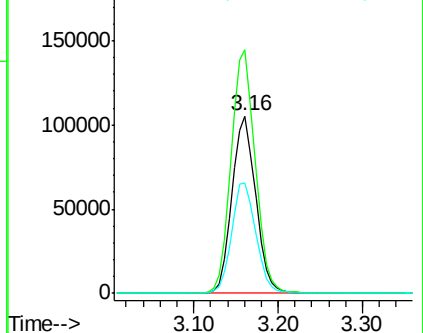
98 62.7 50.2 75.2



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: 50.60 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Tgt Ion: 45 Resp: 675202

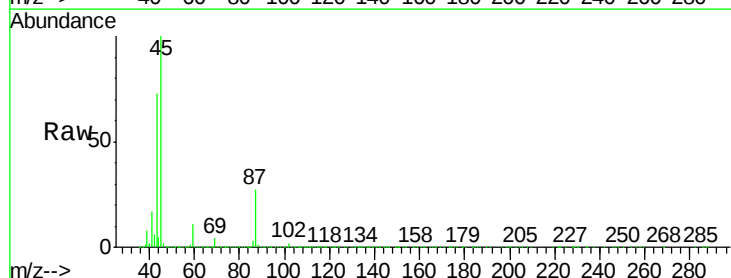
Ion Ratio Lower Upper

45 100

43 72.7 58.2 87.2

87 26.5 21.2 31.8

59 11.1 8.9 13.3

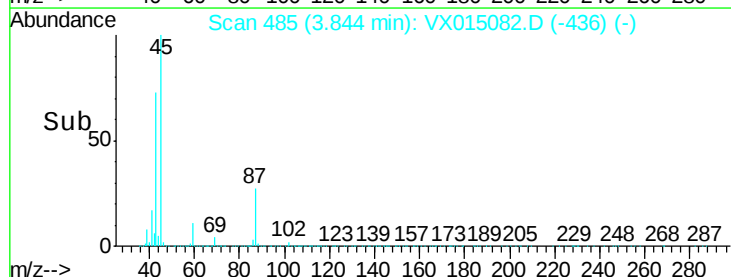
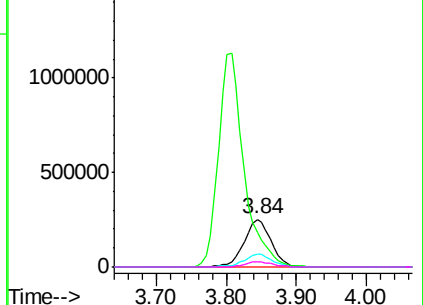


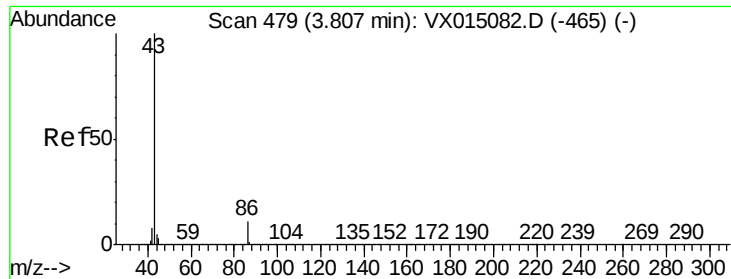
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 261.83 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

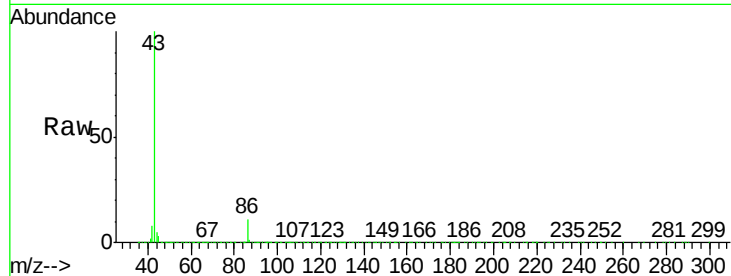
VSTDICCC050

Tgt Ion: 43 Resp: 2872057

Ion Ratio Lower Upper

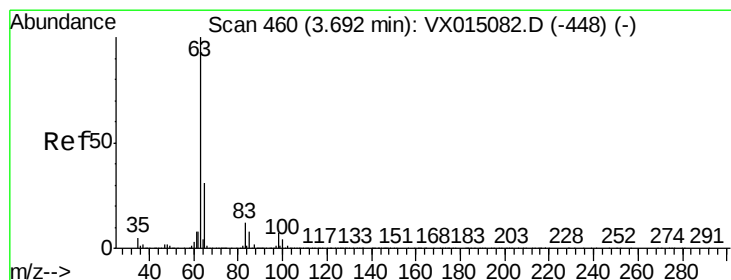
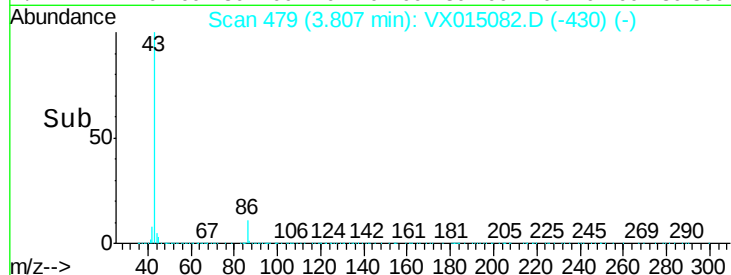
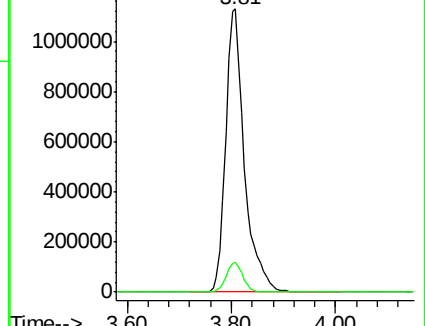
43 100

86 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.07 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

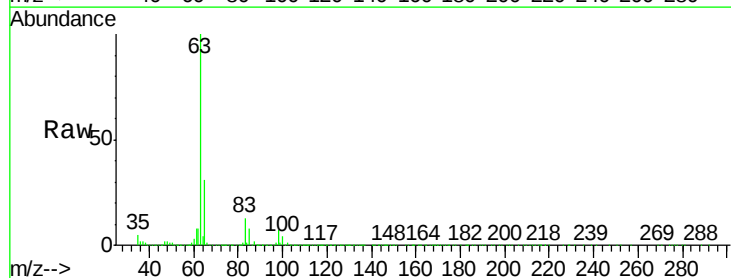
Tgt Ion: 63 Resp: 363433

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

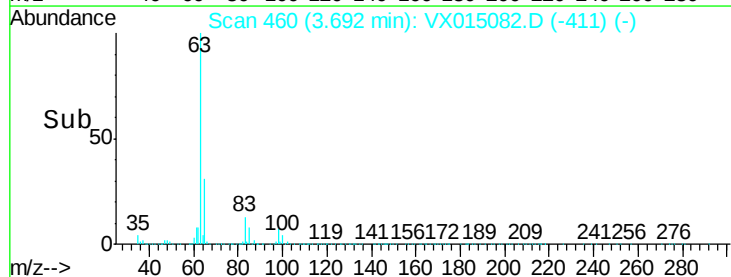
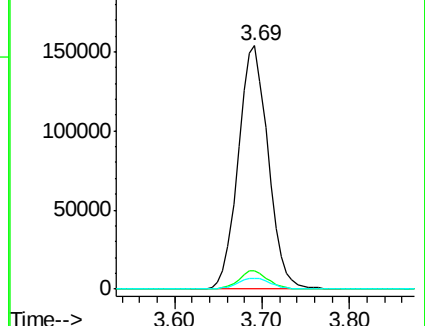
100 4.3 2.1 6.5

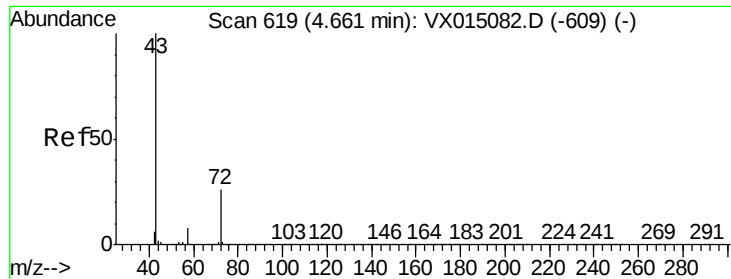


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 257.29 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

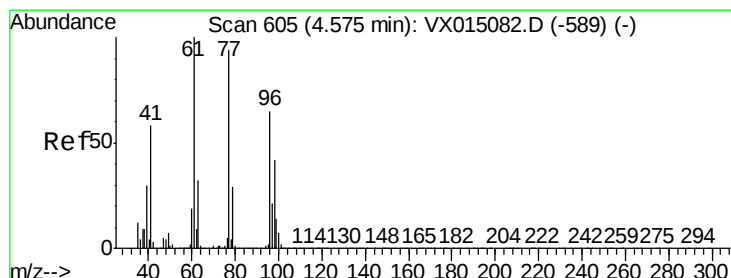
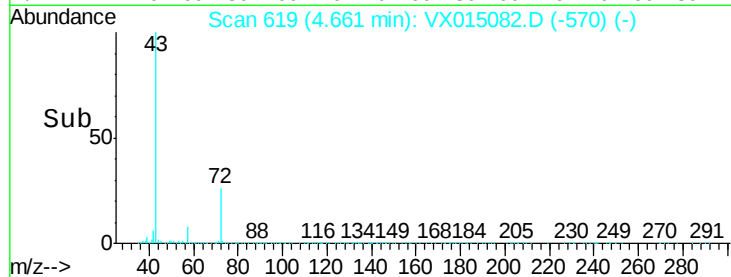
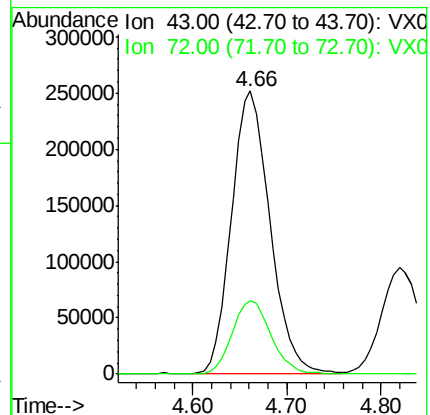
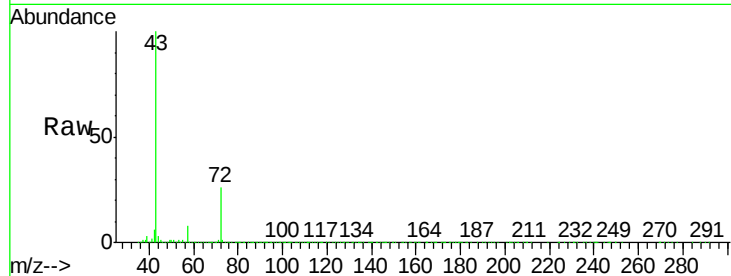
VSTDICCC050

Tgt Ion: 43 Resp: 715359

Ion Ratio Lower Upper

43 100

72 25.7 20.6 30.8



#26

2,2-Dichloropropane

Concen: 49.28 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015082.D

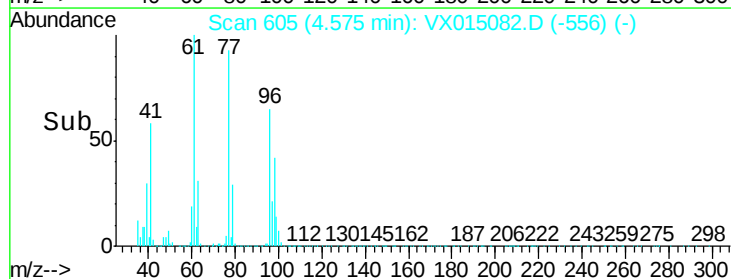
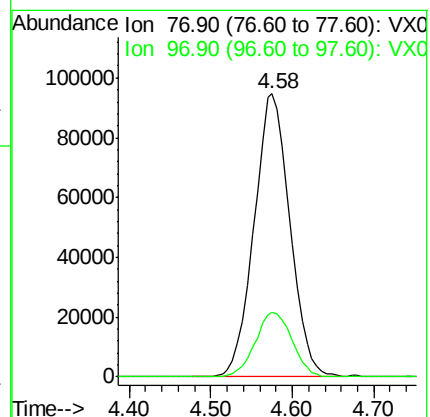
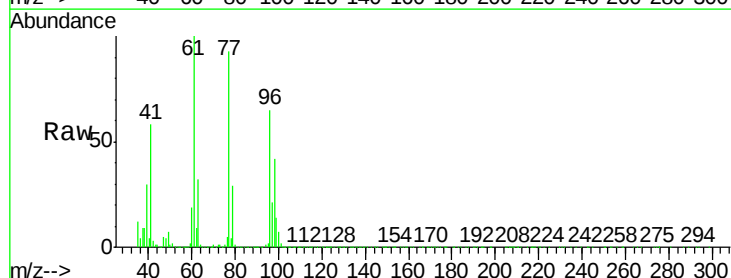
Acq: 04 Mar 2020 09:47

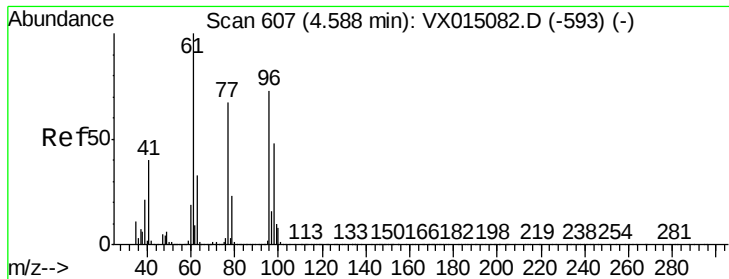
Tgt Ion: 77 Resp: 289756

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 49.65 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

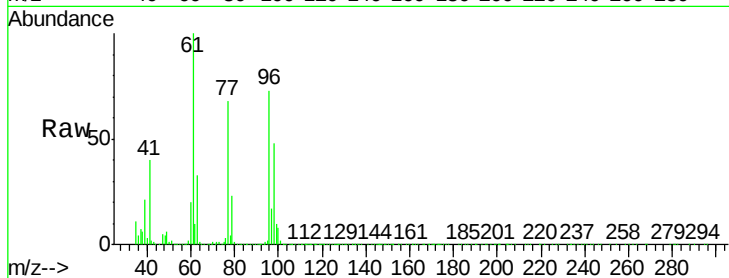
Tgt Ion: 96 Resp: 228441

Ion Ratio Lower Upper

96 100

61 143.4 0.0 286.8

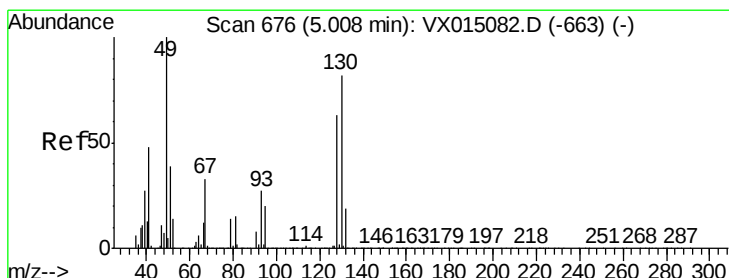
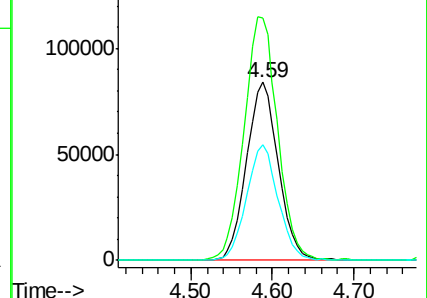
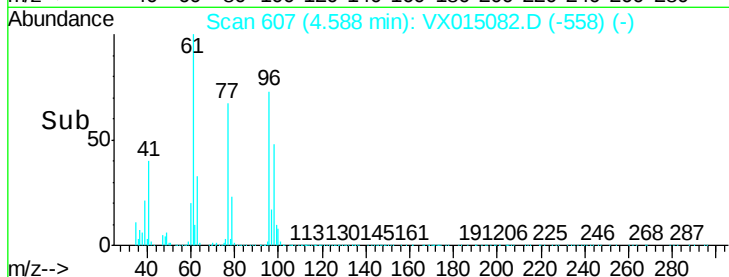
98 64.2 0.0 128.4



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



#28

Bromochloromethane

Concen: 50.40 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

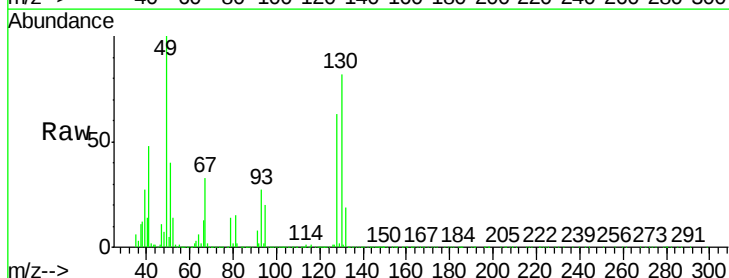
Tgt Ion: 49 Resp: 169968

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

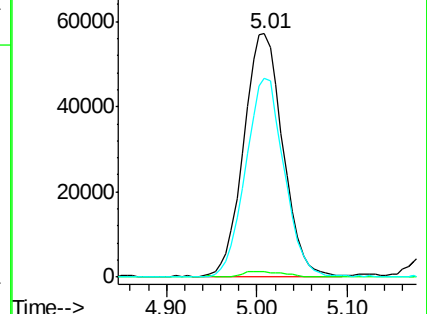
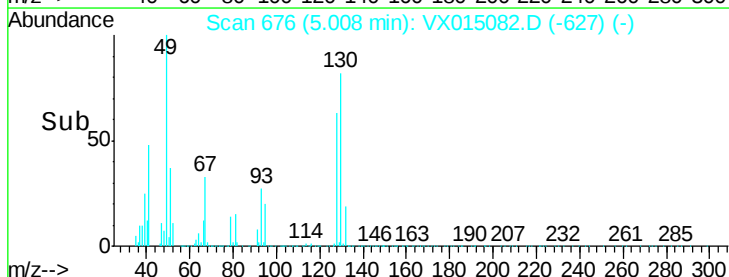
130 81.3 65.0 97.6

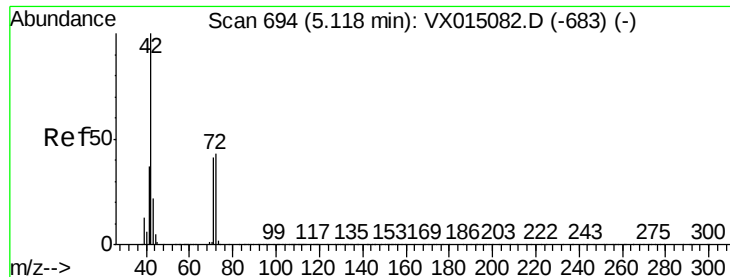


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 250.63 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

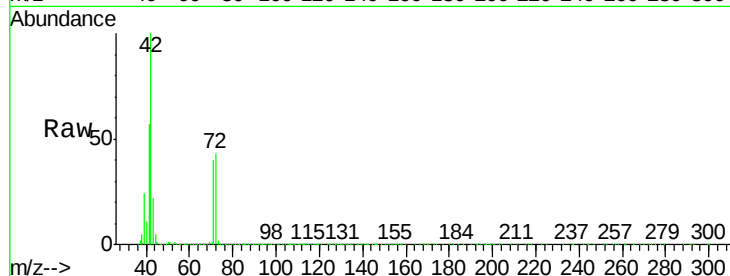
Tgt Ion: 42 Resp: 449197

Ion Ratio Lower Upper

42 100

72 45.5 36.4 54.6

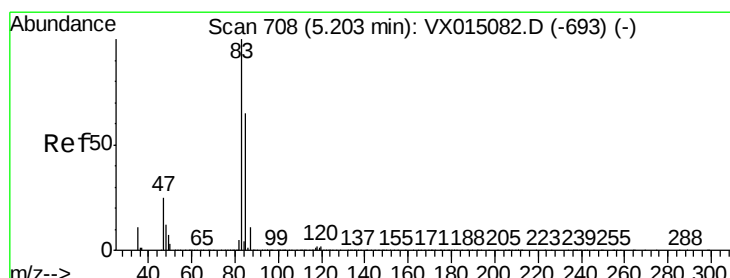
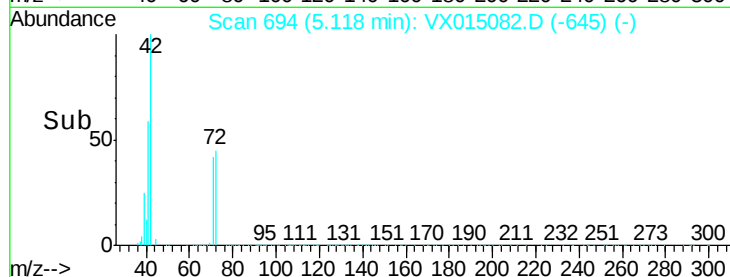
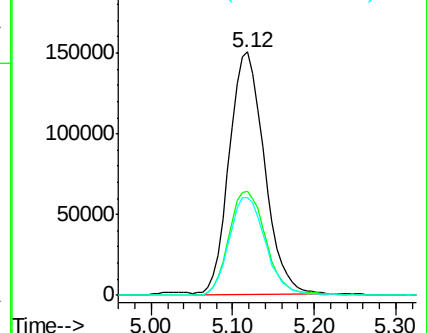
71 41.6 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.99 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX015082.D

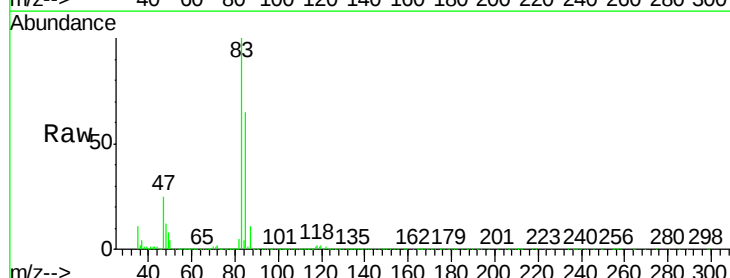
Acq: 04 Mar 2020 09:47

Tgt Ion: 83 Resp: 353628

Ion Ratio Lower Upper

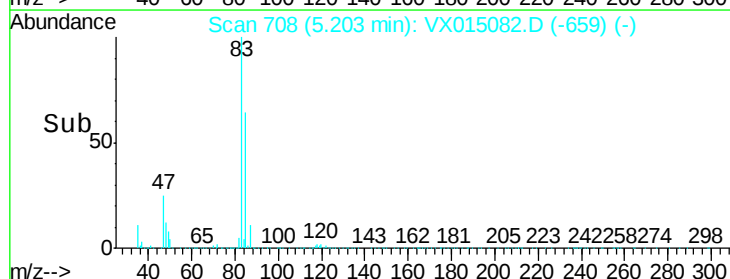
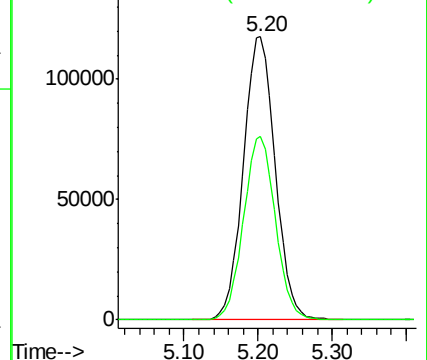
83 100

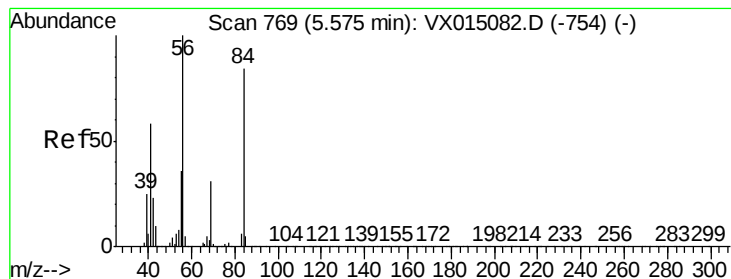
85 65.0 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.78 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

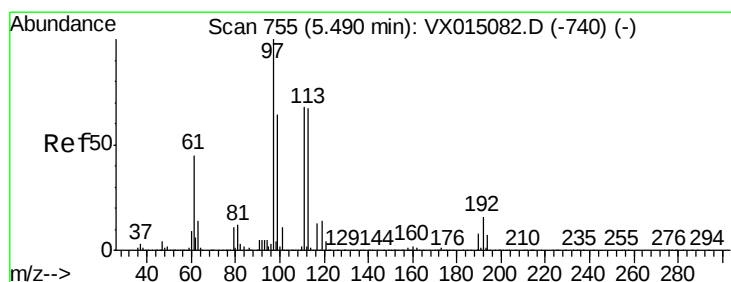
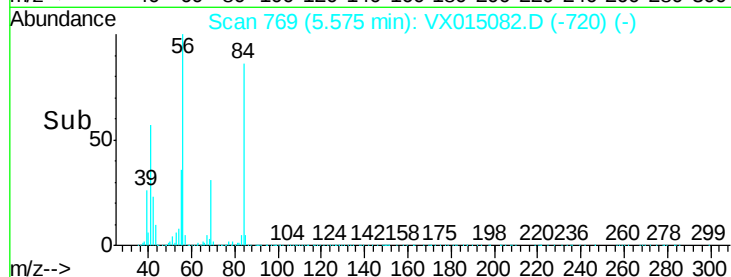
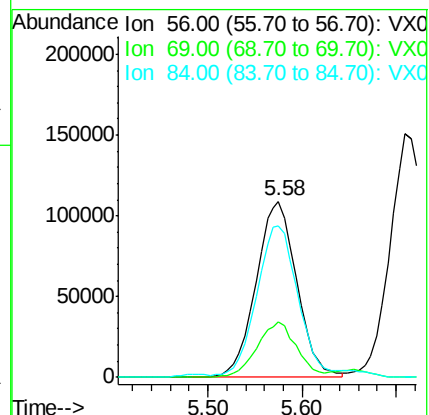
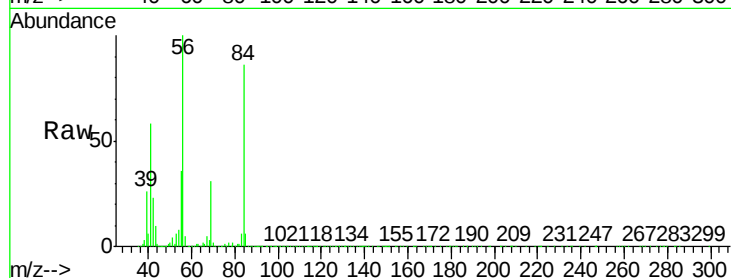
Tgt Ion: 56 Resp: 328836

Ion Ratio Lower Upper

56 100

69 31.3 25.0 37.6

84 84.5 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 50.02 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

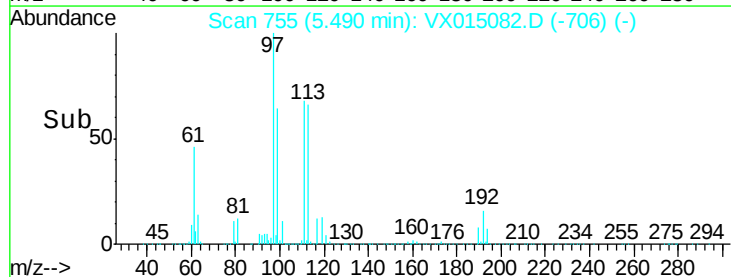
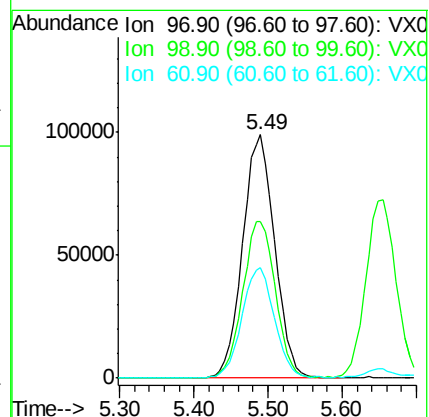
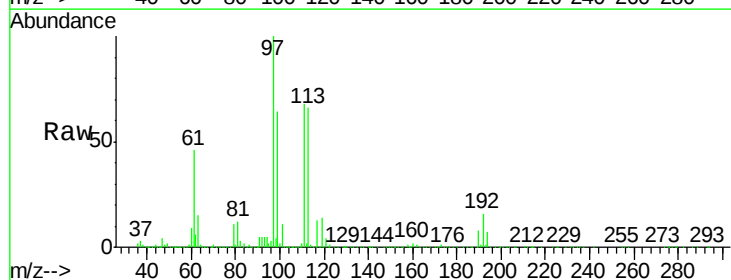
Tgt Ion: 97 Resp: 299303

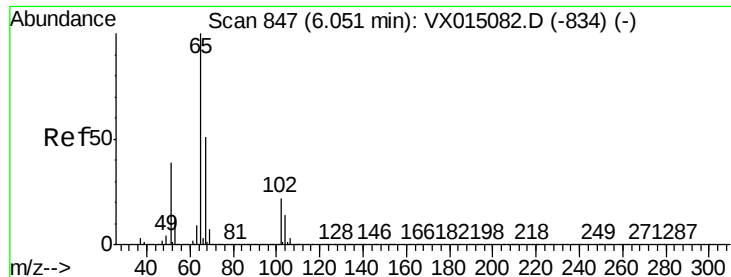
Ion Ratio Lower Upper

97 100

99 66.0 52.8 79.2

61 45.7 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 48.37 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

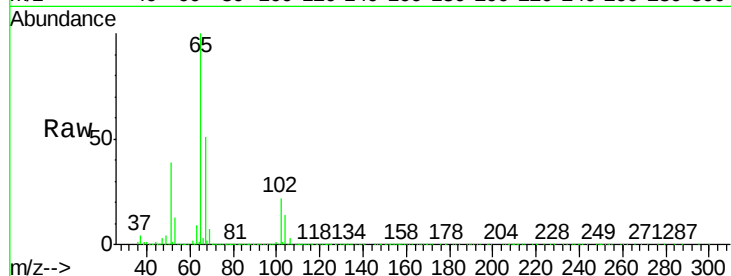
VSTDICCC050

Tgt Ion: 65 Resp: 226845

Ion Ratio Lower Upper

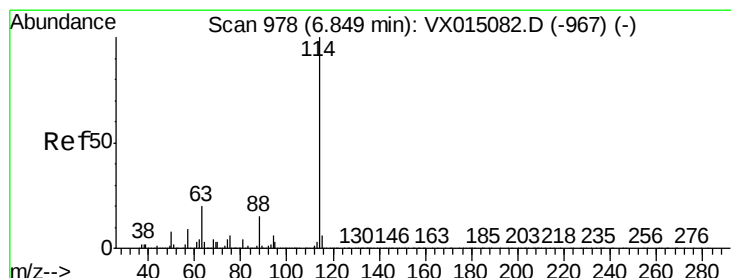
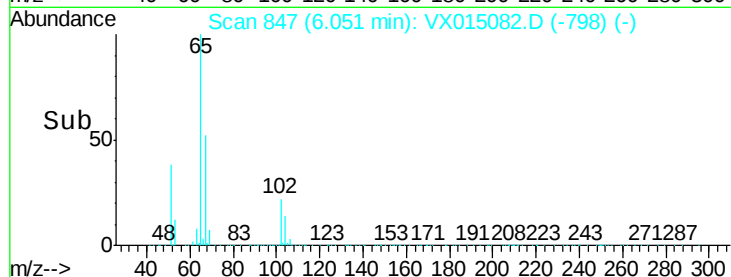
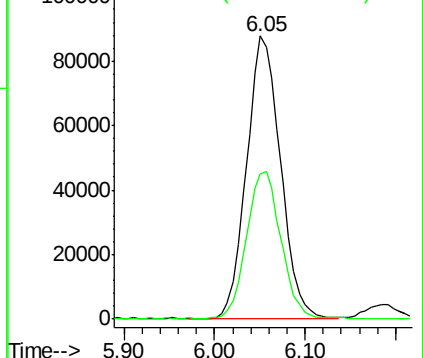
65 100

67 52.8 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

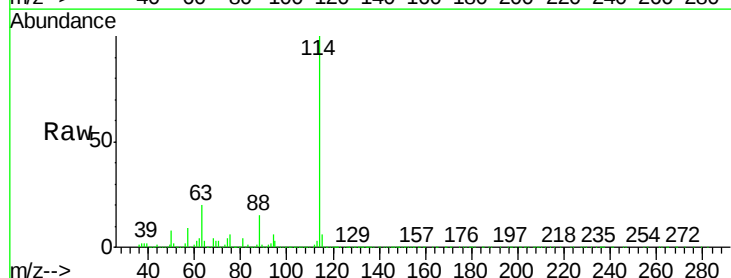
Tgt Ion: 114 Resp: 604260

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

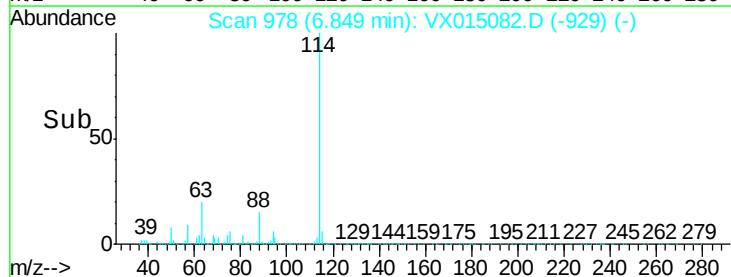
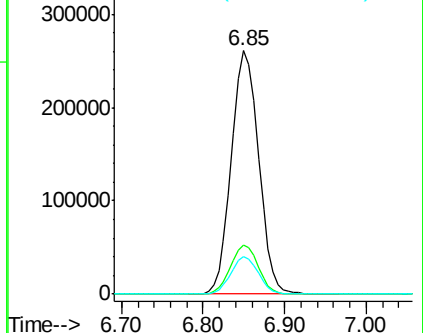
88 15.3 0.0 30.6

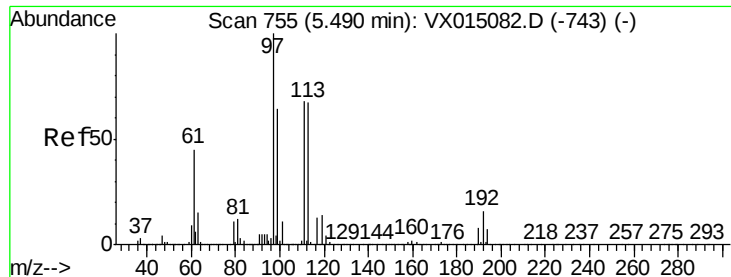


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.83 ug/l

RT: 5.49 min Scan# 755

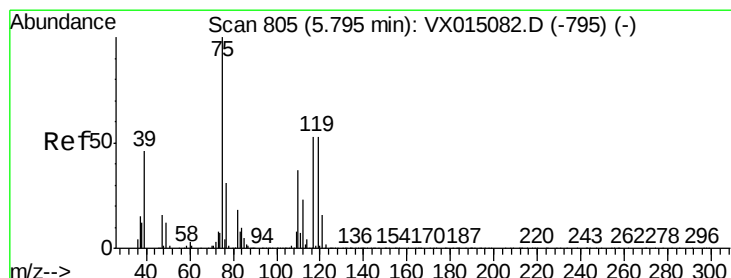
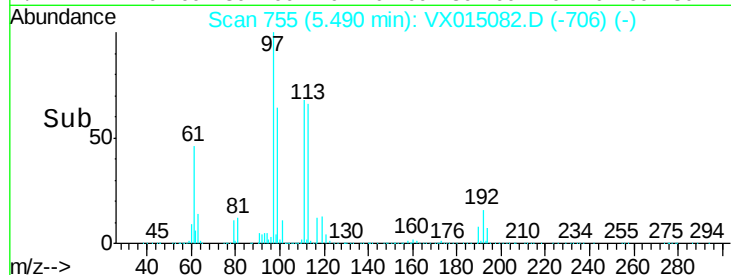
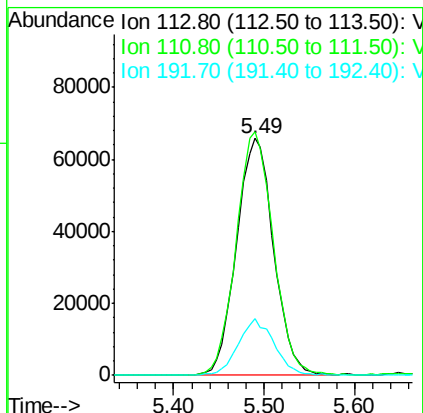
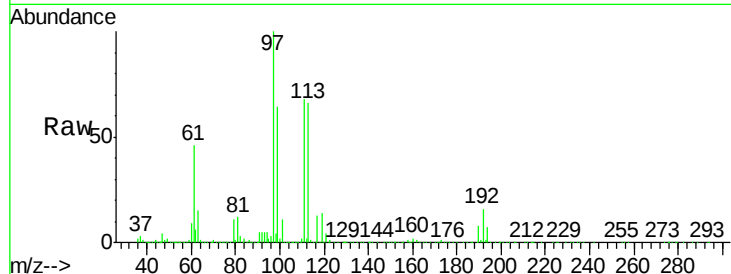
Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	113	Resp:	186147
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	23.3	18.6	28.0



#36

1,1-Dichloropropene

Concen: 48.74 ug/l

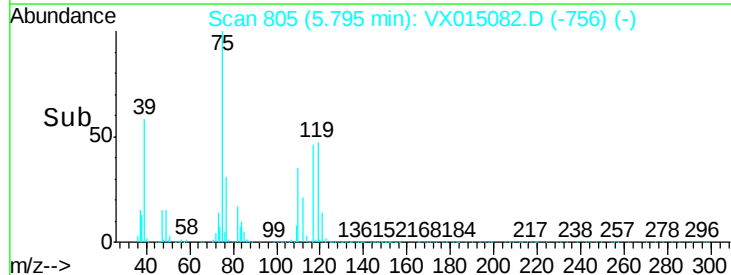
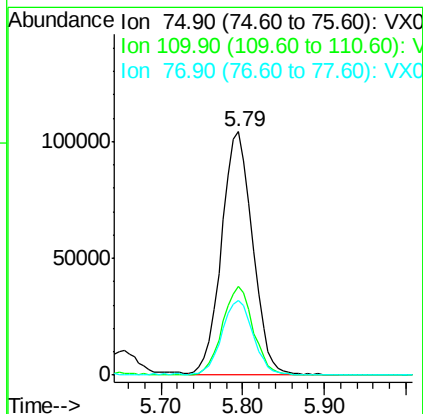
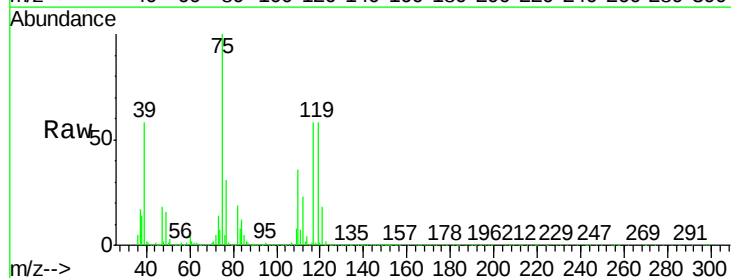
RT: 5.79 min Scan# 805

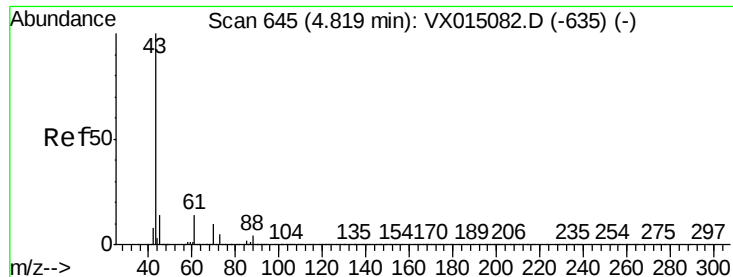
Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Tgt Ion:	75	Resp:	272450
Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.9	53.8
77	31.0	24.8	37.2

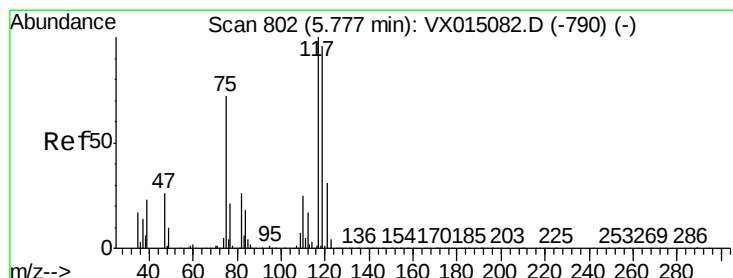
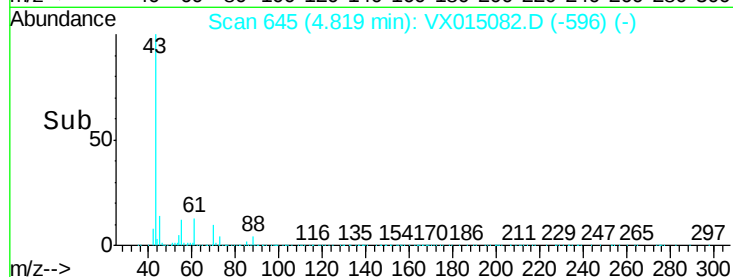
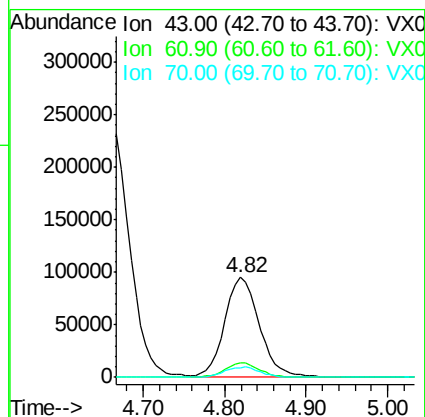
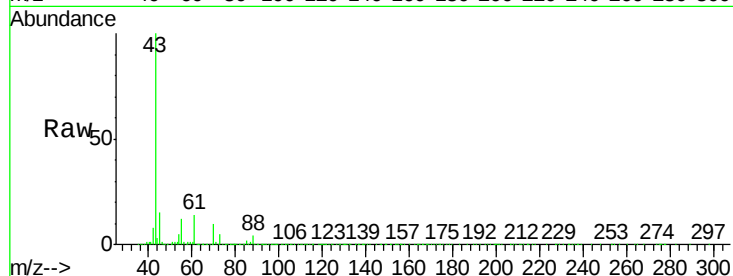




#37
Ethyl Acetate
Concen: 53.54 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

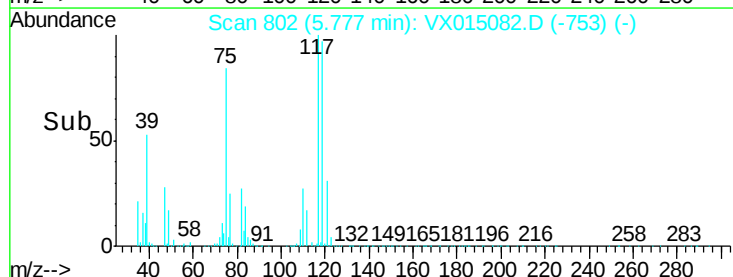
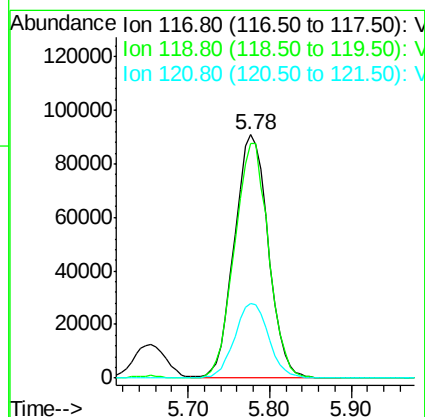
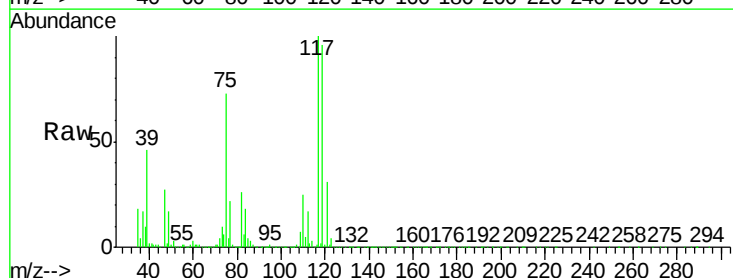
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

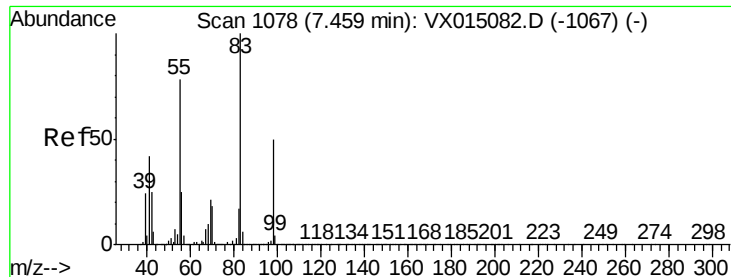
Tgt Ion: 43 Resp: 277562
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.52 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion: 117 Resp: 261280
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3
121 30.8 24.6 37.0

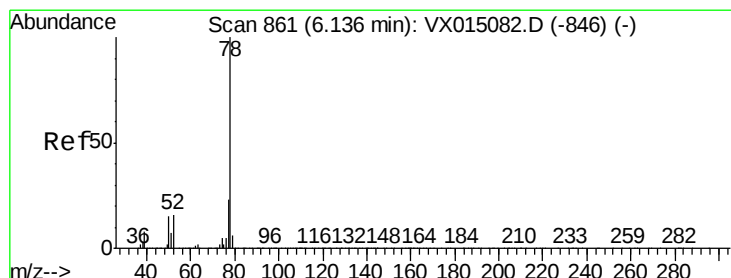
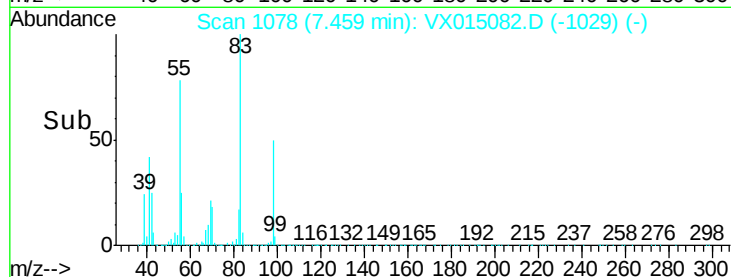
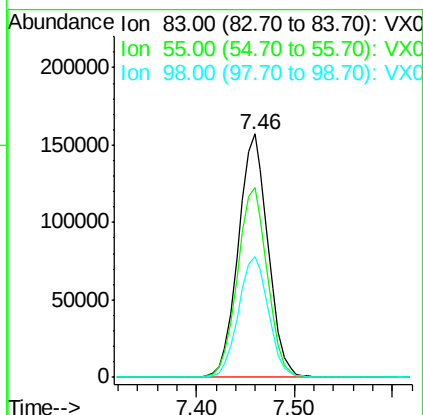
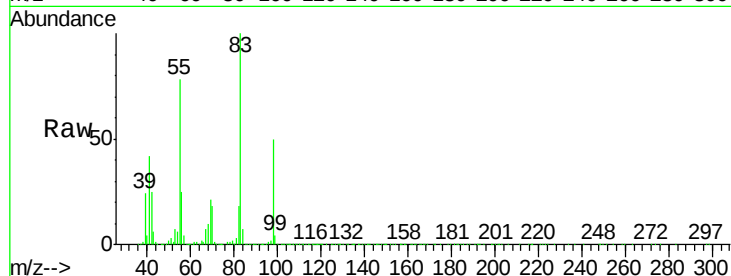




#39
Methylcyclohexane
Concen: 50.45 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

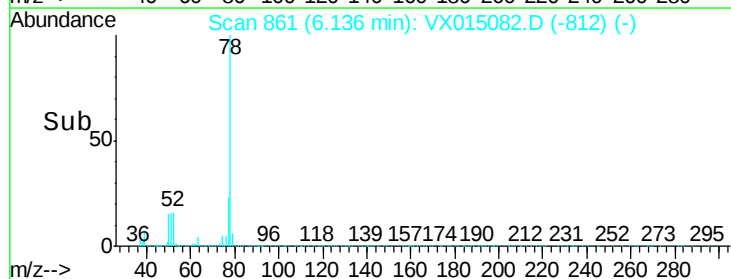
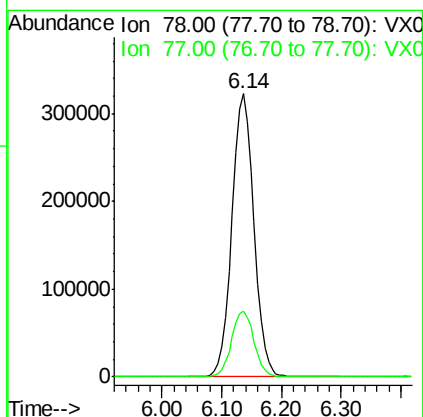
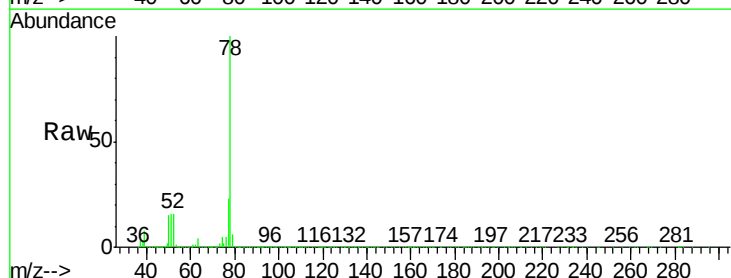
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

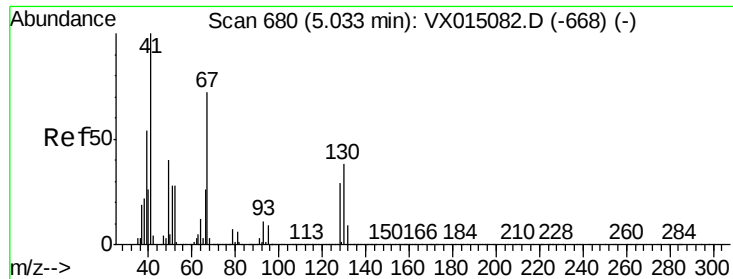
Tgt Ion: 83 Resp: 329246
Ion Ratio Lower Upper
83 100
55 78.0 62.4 93.6
98 49.6 39.7 59.5



#40
Benzene
Concen: 49.83 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion: 78 Resp: 826360
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

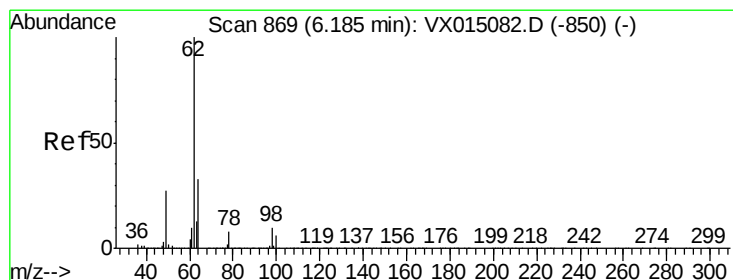
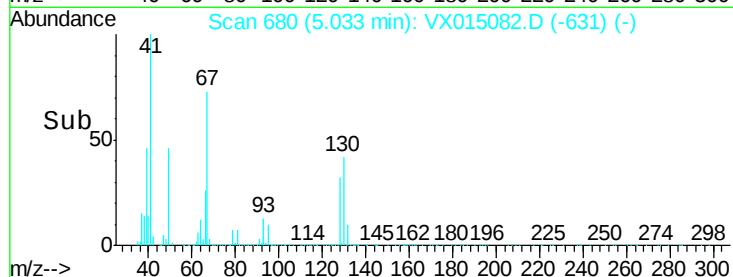
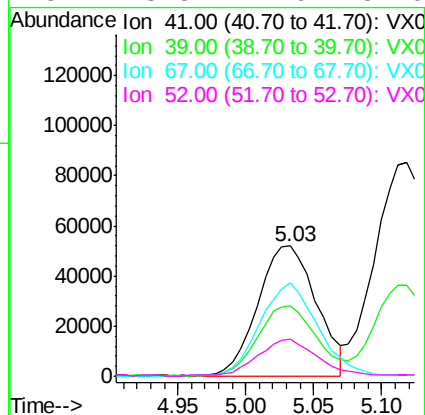
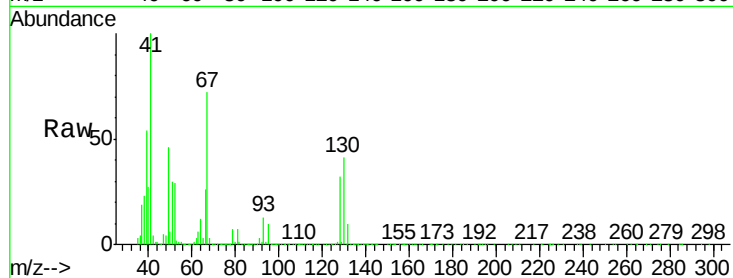




#41
Methacrylonitrile
Concen: 53.93 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

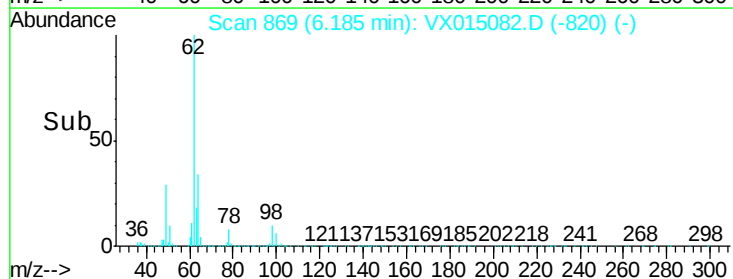
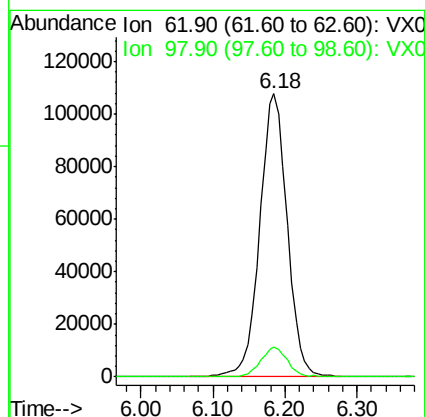
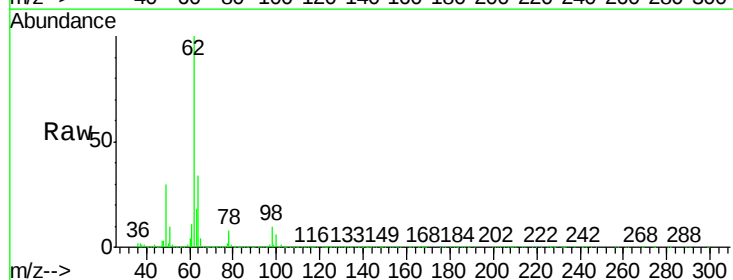
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

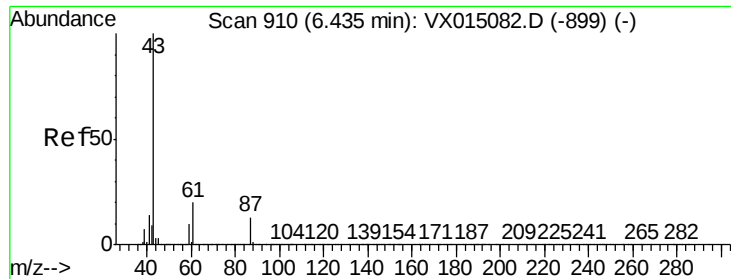
Tgt Ion:	41	Resp:	155065
Ion	Ratio	Lower	Upper
41	100		
39	54.9	43.9	65.9
67	72.3	57.8	86.8
52	28.3	22.6	34.0



#42
1,2-Dichloroethane
Concen: 49.92 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion:	62	Resp:	284278
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.6





#43

Isopropyl Acetate

Concen: 50.86 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

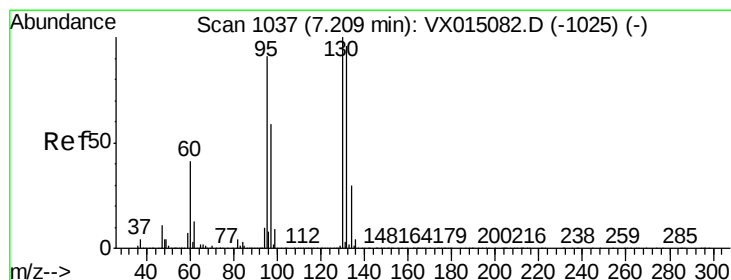
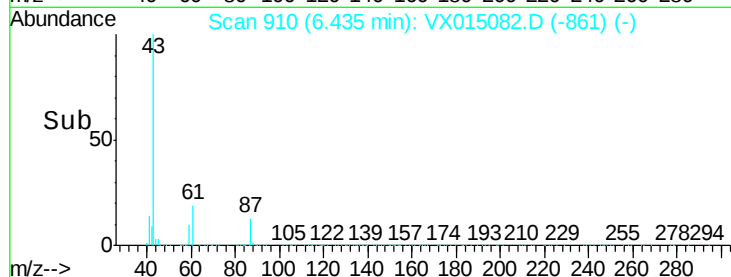
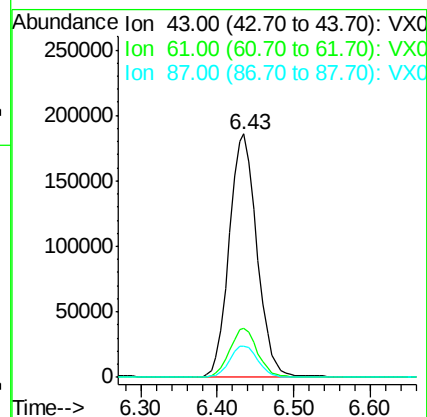
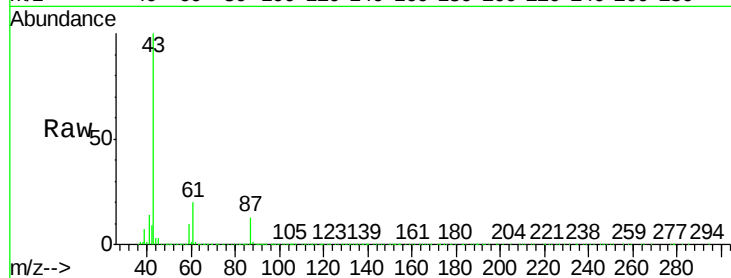
Tgt Ion: 43 Resp: 463890

Ion Ratio Lower Upper

43 100

61 20.1 16.1 24.1

87 13.3 10.6 16.0



#44

Trichloroethene

Concen: 49.31 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015082.D

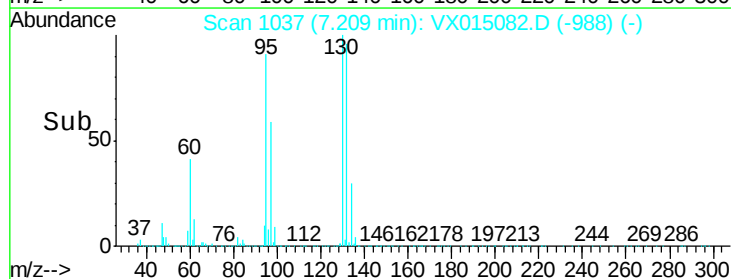
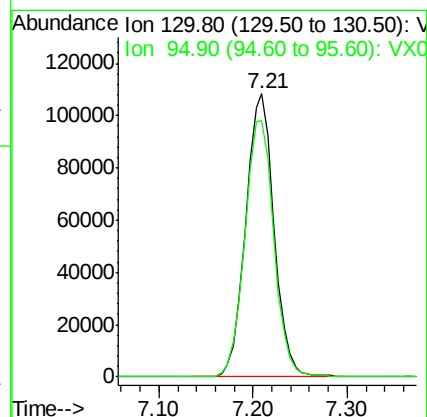
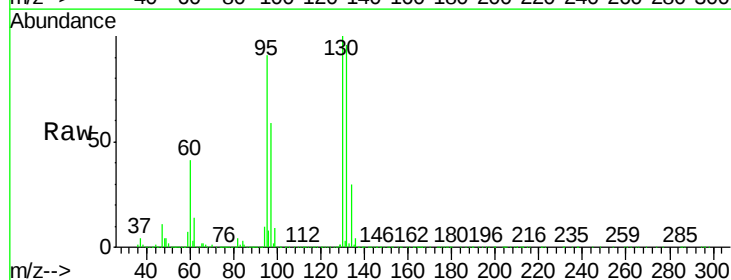
Acq: 04 Mar 2020 09:47

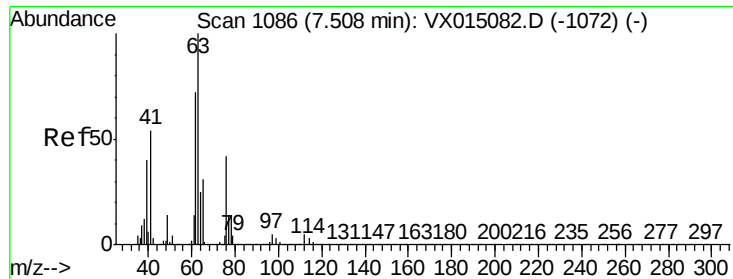
Tgt Ion: 130 Resp: 227745

Ion Ratio Lower Upper

130 100

95 90.6 0.0 181.2

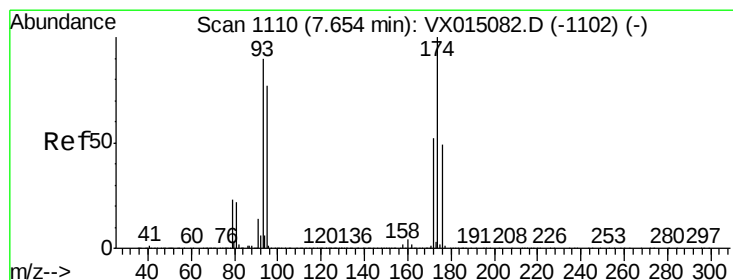
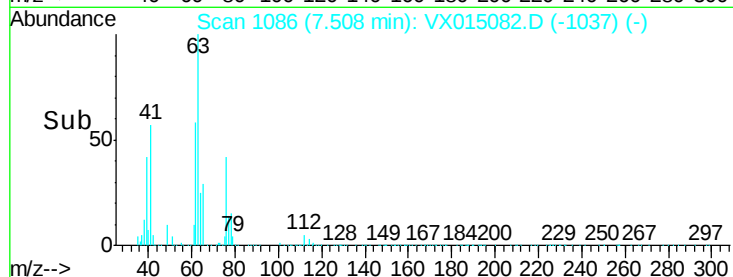
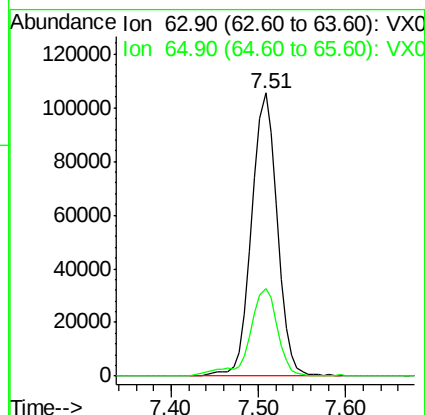
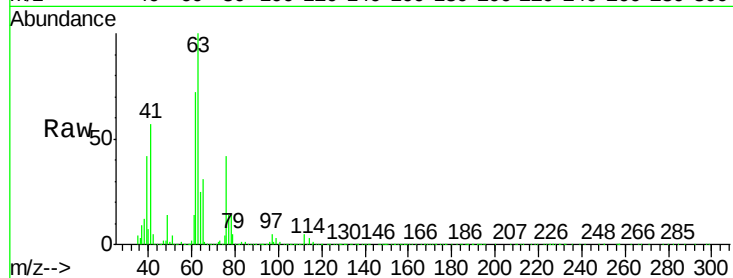




#45
 1,2-Dichloropropane
 Concen: 49.93 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

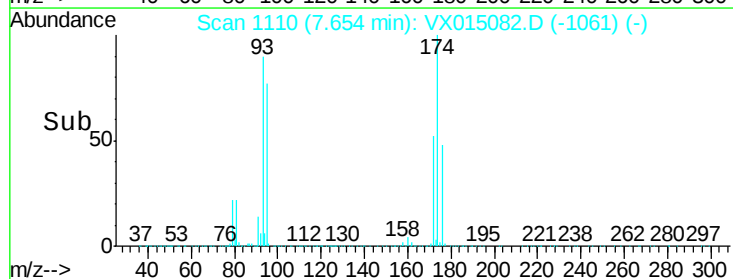
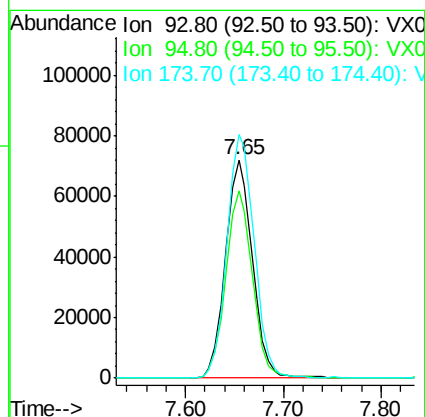
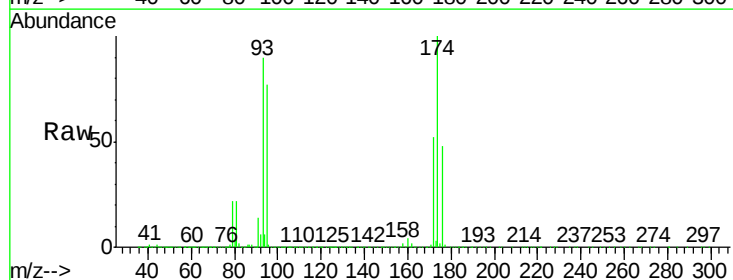
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 63 Resp: 214322
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8



#46
 Dibromomethane
 Concen: 49.04 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Tgt Ion: 93 Resp: 137159
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.8 101.8
 174 113.7 91.0 136.4





#47

Bromodichloromethane

Concen: 50.34 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

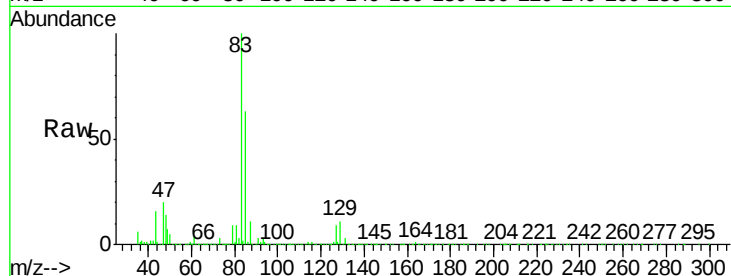
Tgt Ion: 83 Resp: 278456

Ion Ratio Lower Upper

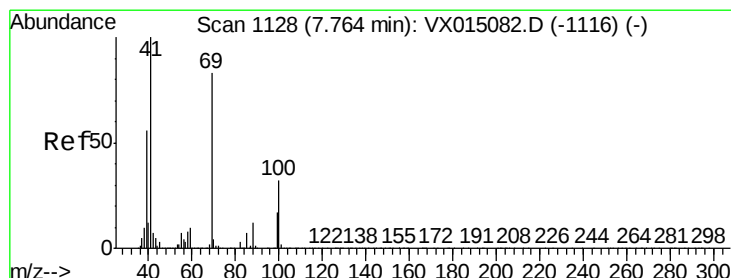
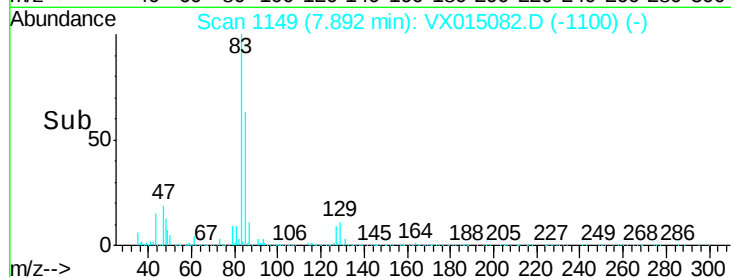
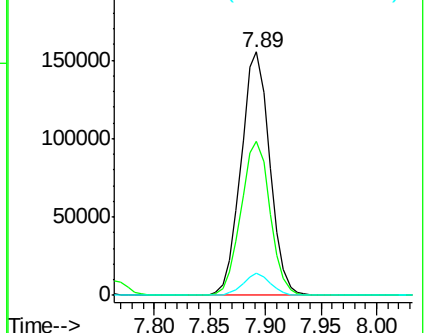
83 100

85 63.2 50.6 75.8

127 8.9 7.1 10.7



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: 49.88 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

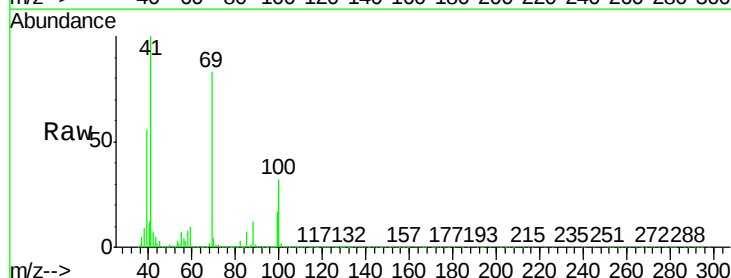
Tgt Ion: 41 Resp: 231582

Ion Ratio Lower Upper

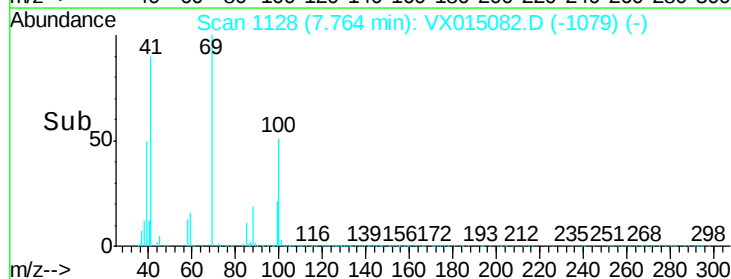
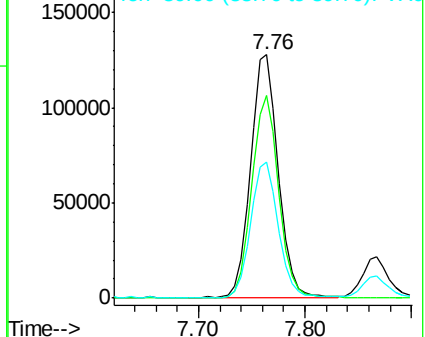
41 100

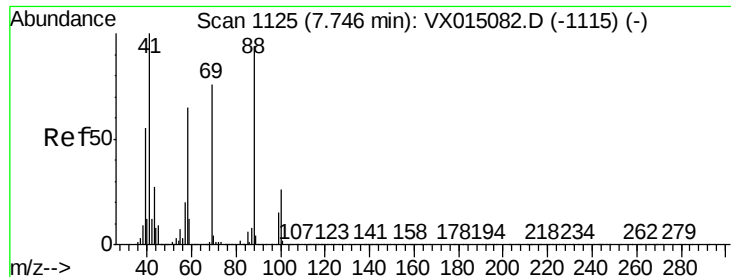
69 81.8 65.4 98.2

39 55.8 44.6 67.0



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

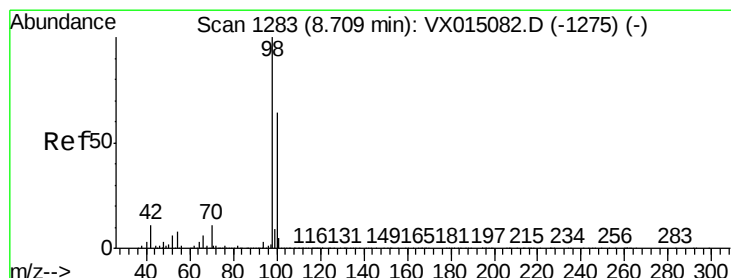
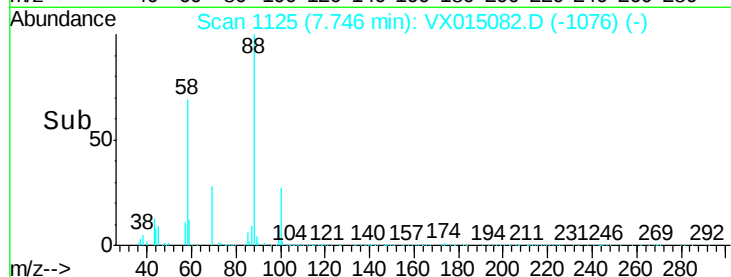
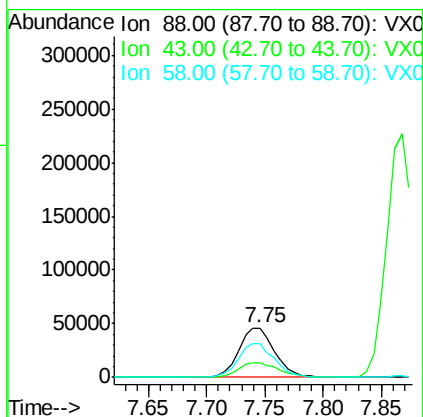
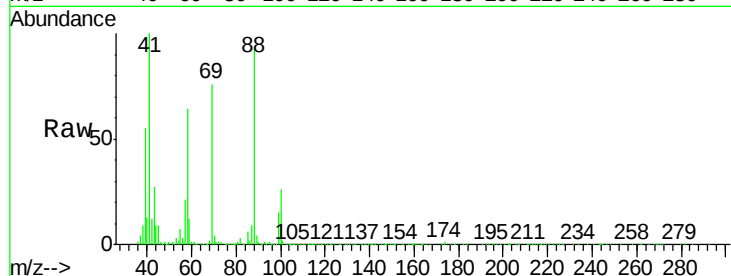




#49
 1,4-Dioxane
 Concen: 972.64 ug/l
 RT: 7.75 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

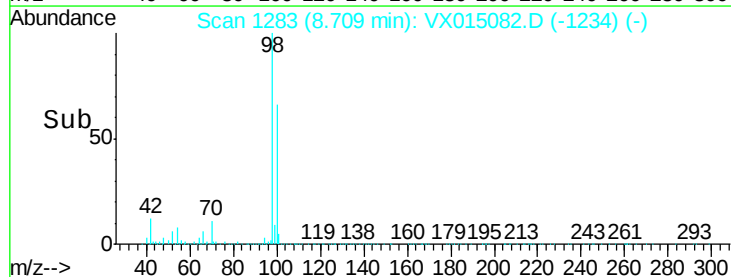
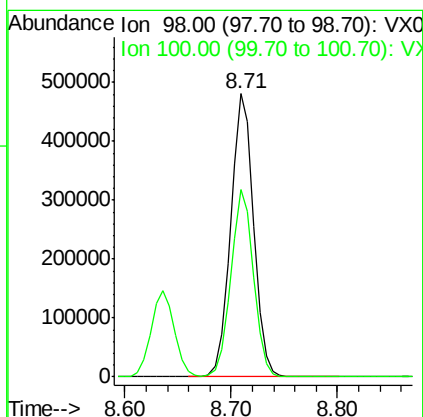
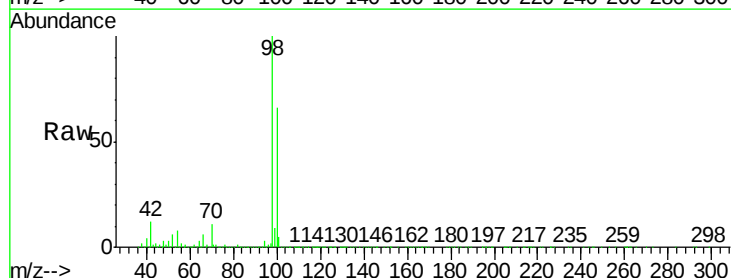
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

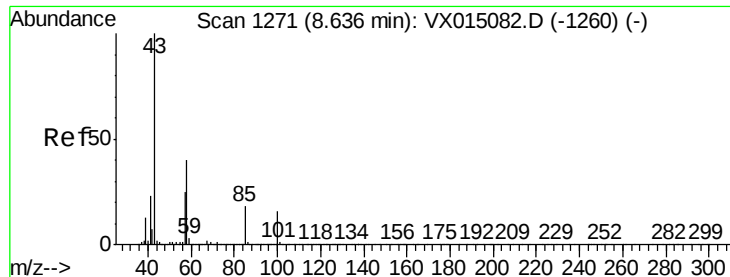
Tgt Ion: 88 Resp: 97401
 Ion Ratio Lower Upper
 88 100
 43 33.7 27.0 40.4
 58 69.5 55.6 83.4



#50
 Toluene-d8
 Concen: 49.88 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Tgt Ion: 98 Resp: 723365
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.4 78.6

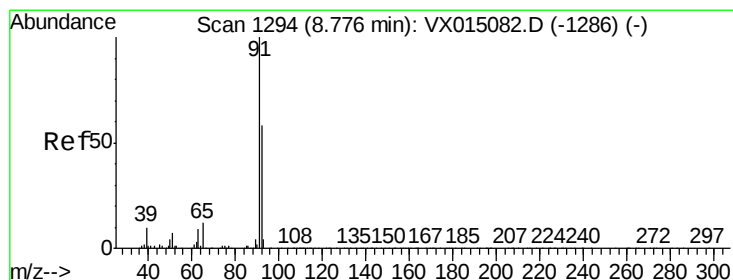
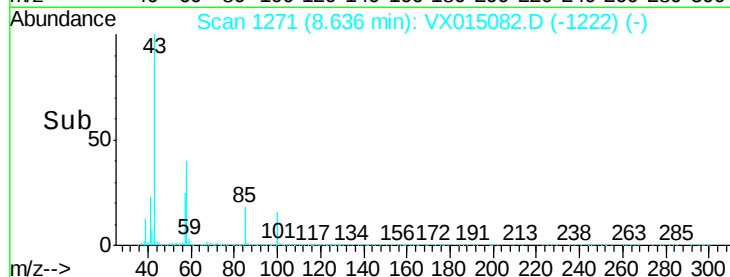
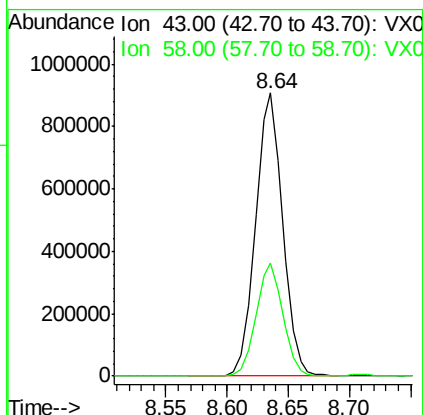
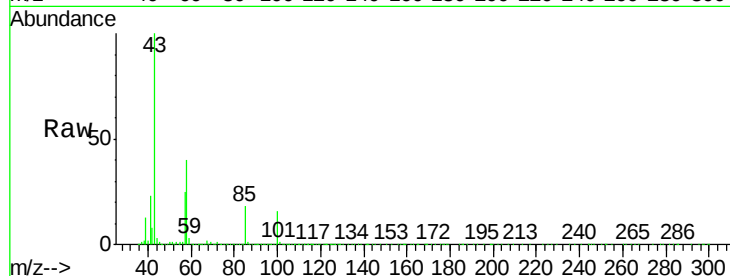




#51
 4-Methyl-2-Pentanone
 Concen: 260.06 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

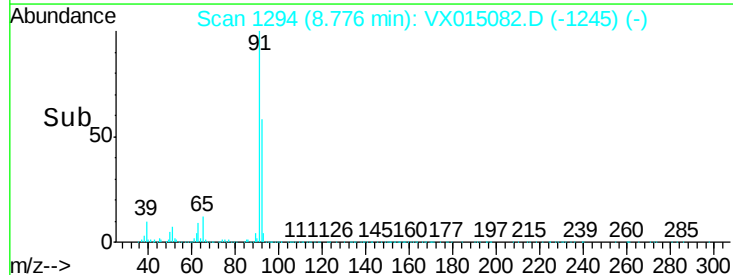
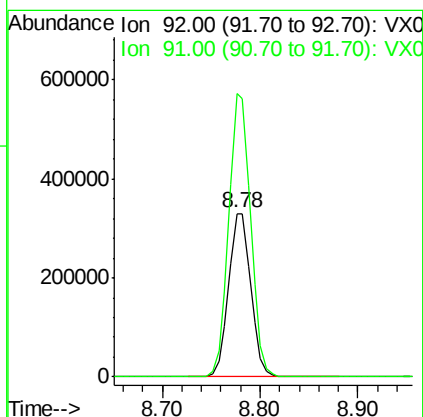
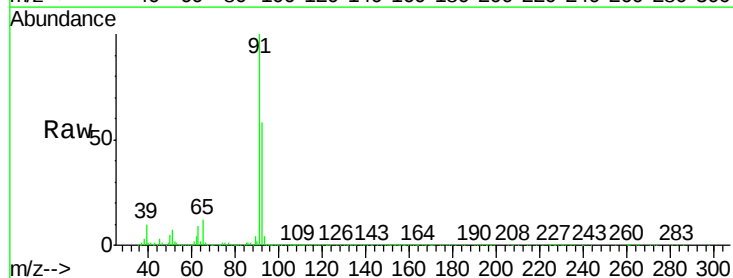
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

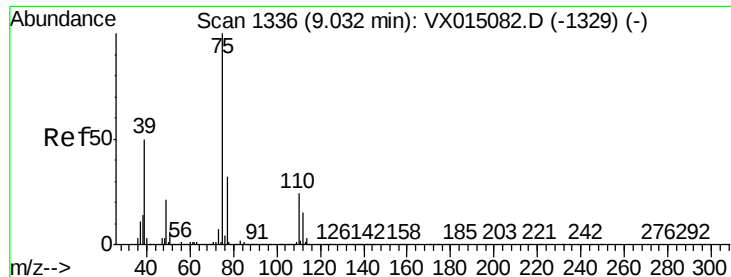
Tgt Ion: 43 Resp: 1402393
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.6 47.4



#52
 Toluene
 Concen: 51.01 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Tgt Ion: 92 Resp: 517201
 Ion Ratio Lower Upper
 92 100
 91 171.1 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 52.27 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

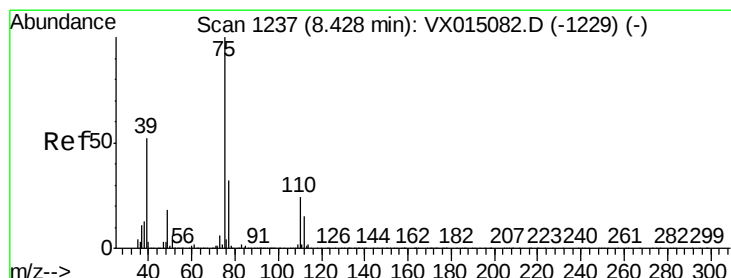
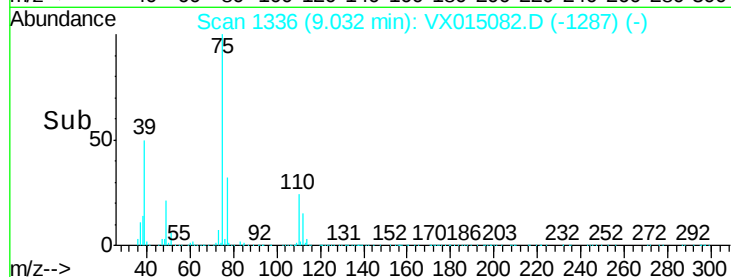
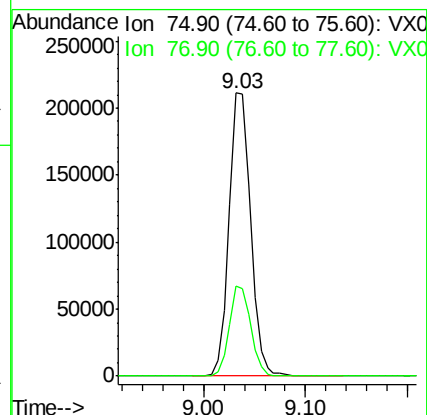
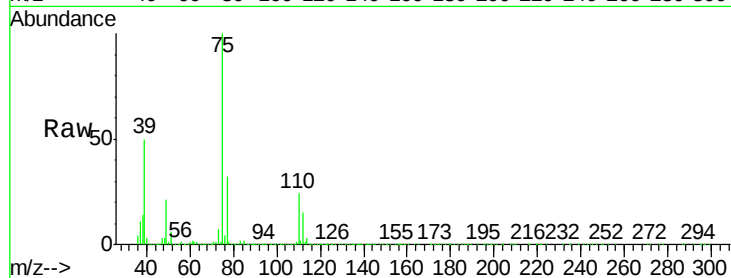
VSTDICCC050

Tgt Ion: 75 Resp: 309715

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 51.42 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

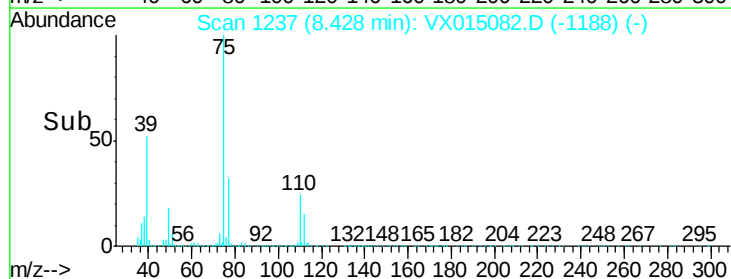
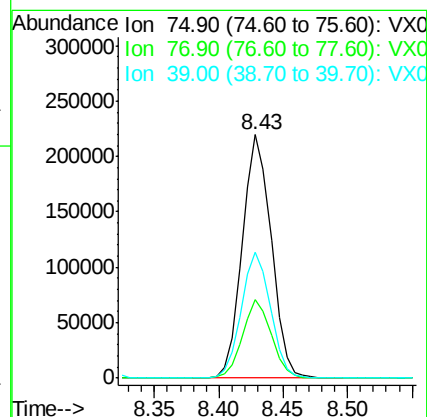
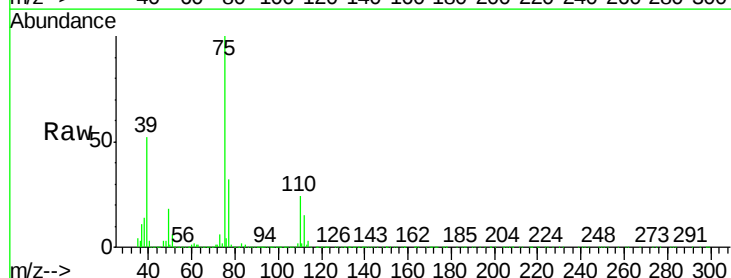
Tgt Ion: 75 Resp: 342226

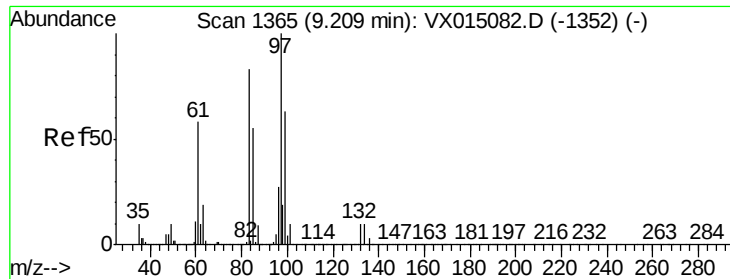
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

39 51.6 41.3 61.9

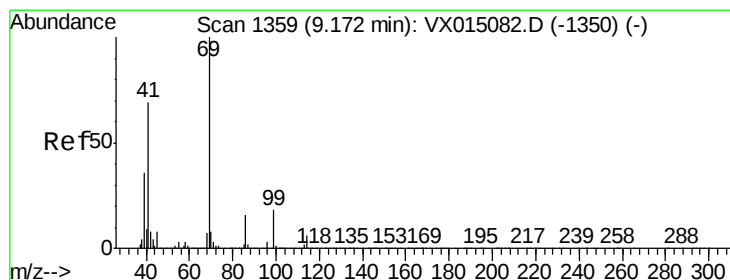
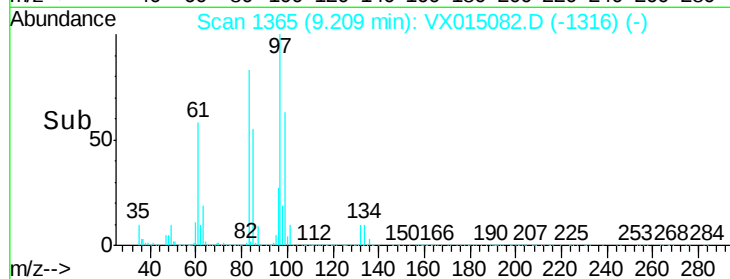
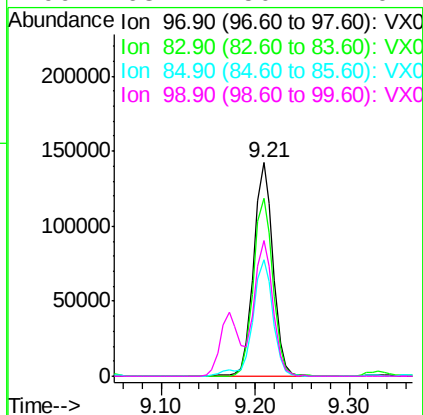
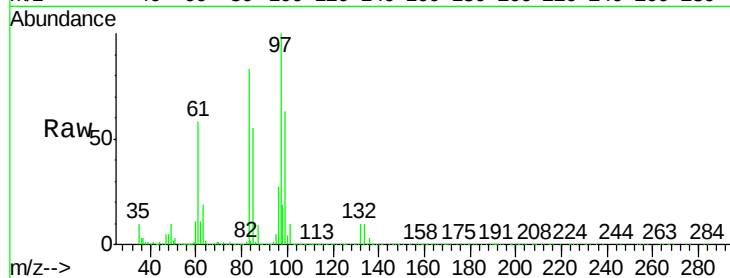




#55
 1,1,2-Trichloroethane
 Concen: 49.90 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

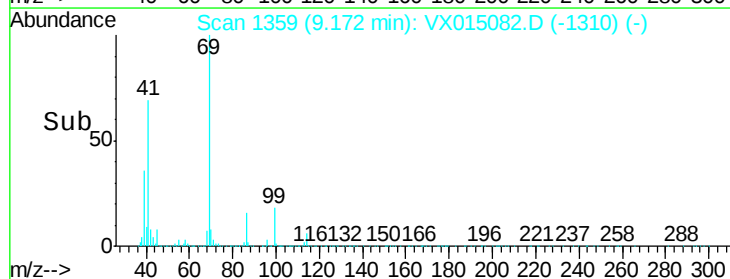
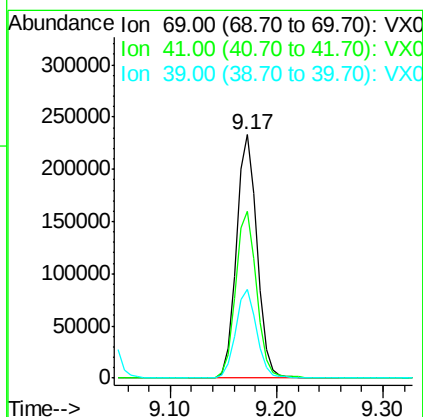
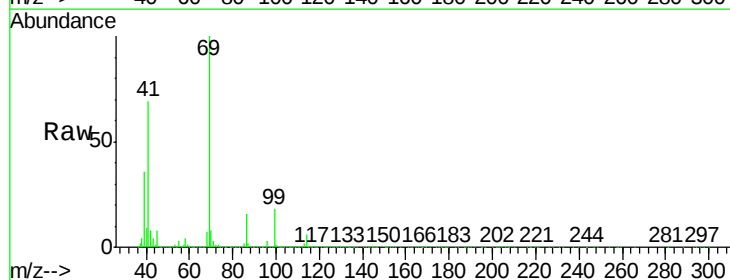
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

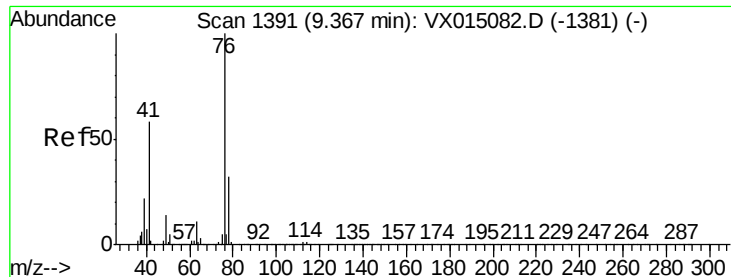
Tgt Ion:	97	Resp:	208280
Ion	Ratio	Lower	Upper
97	100		
83	83.0	66.4	99.6
85	54.4	43.5	65.3
99	63.4	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 53.34 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Tgt Ion:	69	Resp:	317486
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.8	83.8
39	36.8	29.4	44.2





#57

1,3-Dichloropropane

Concen: 50.00 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

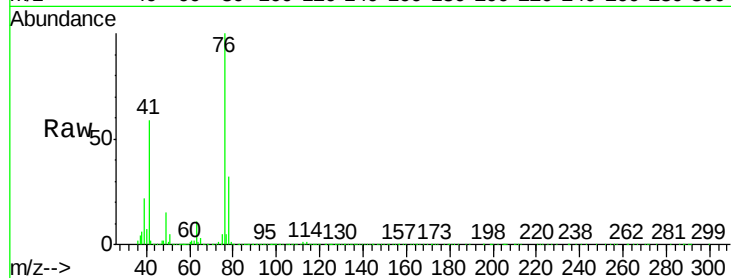
VSTDICCC050

Tgt Ion: 76 Resp: 351035

Ion Ratio Lower Upper

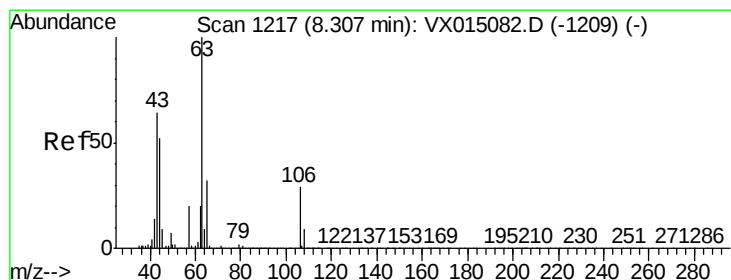
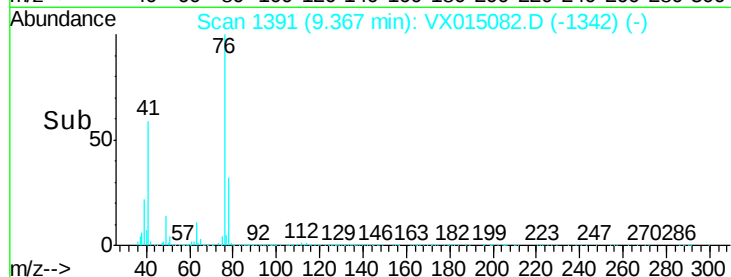
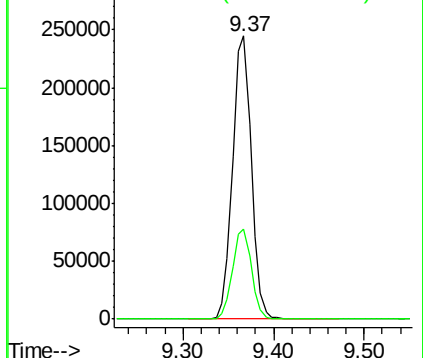
76 100

78 32.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 256.53 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015082.D

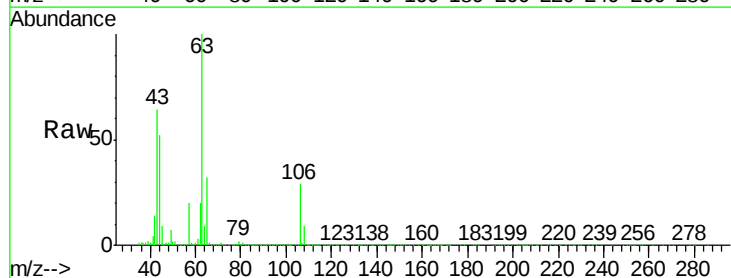
Acq: 04 Mar 2020 09:47

Tgt Ion: 63 Resp: 831881

Ion Ratio Lower Upper

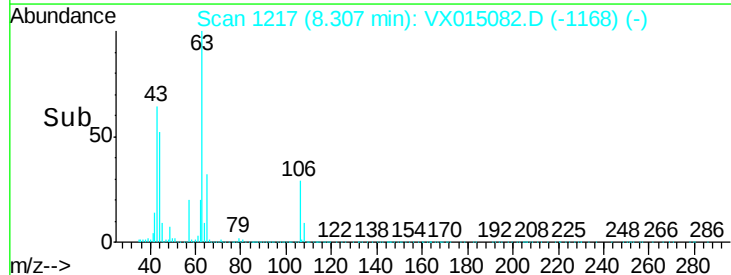
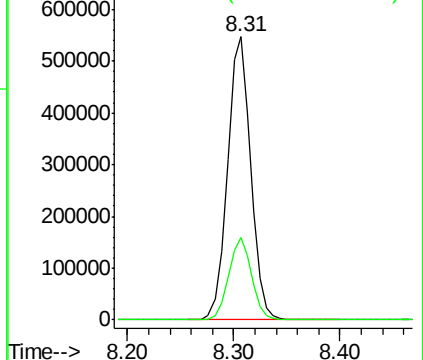
63 100

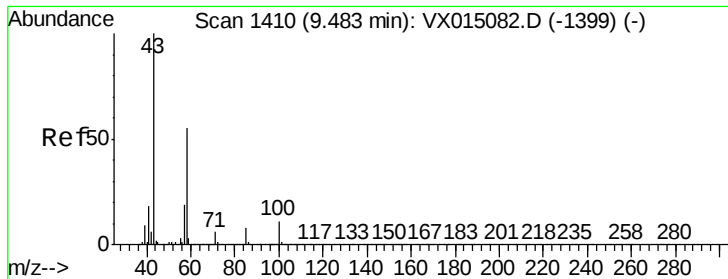
106 28.5 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

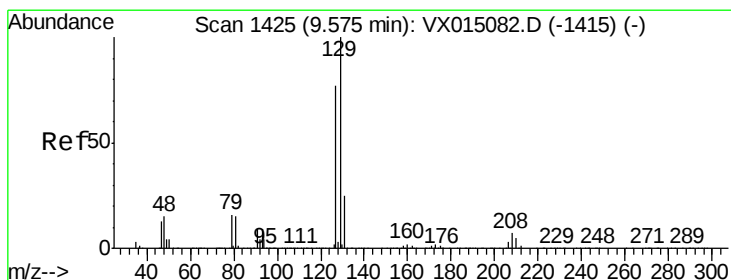
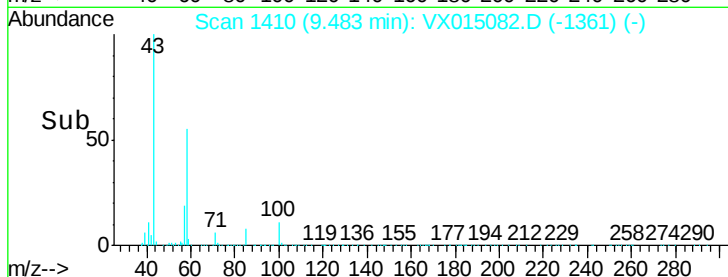
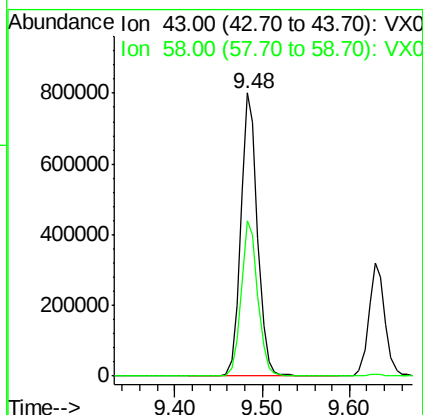
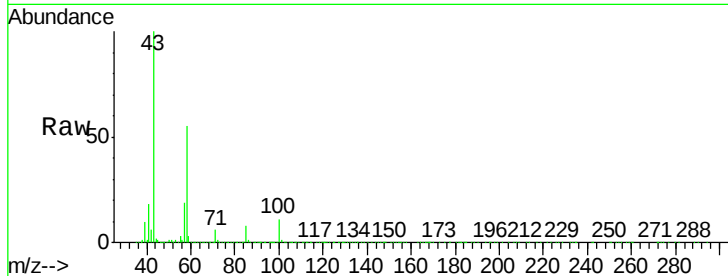




#59
2-Hexanone
Concen: 266.18 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

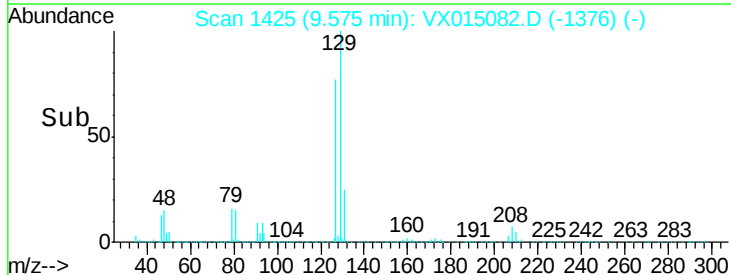
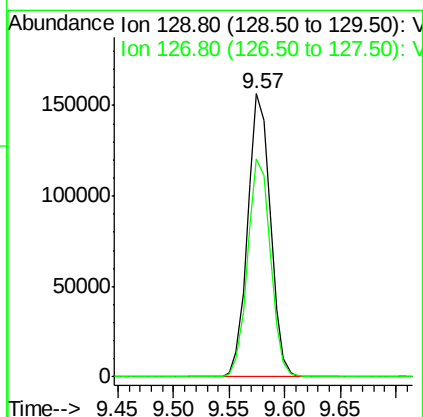
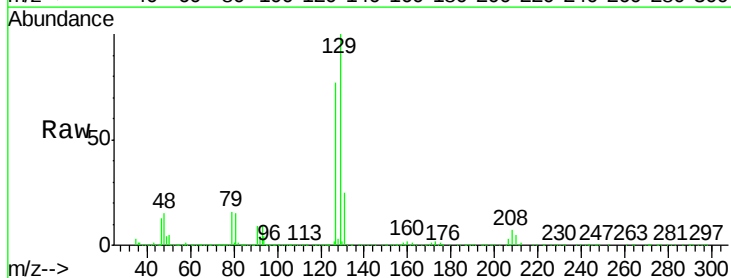
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

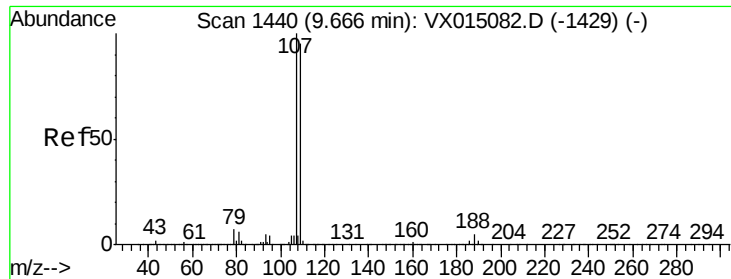
Tgt Ion: 43 Resp: 1063828
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 50.75 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion: 129 Resp: 222512
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 49.16 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

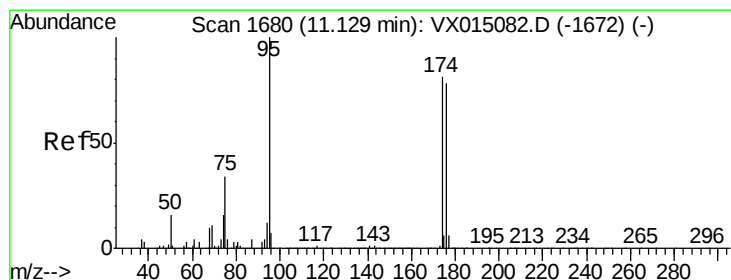
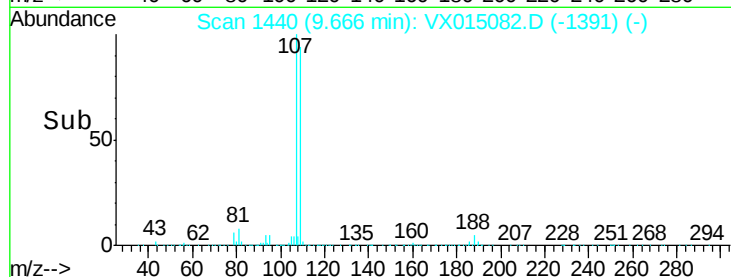
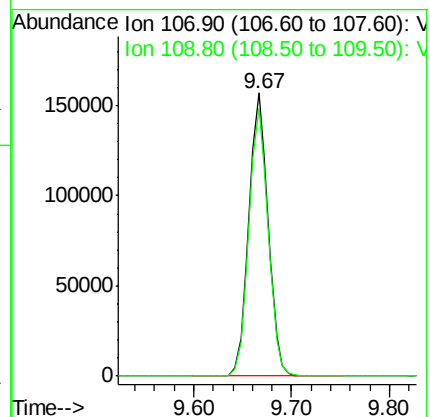
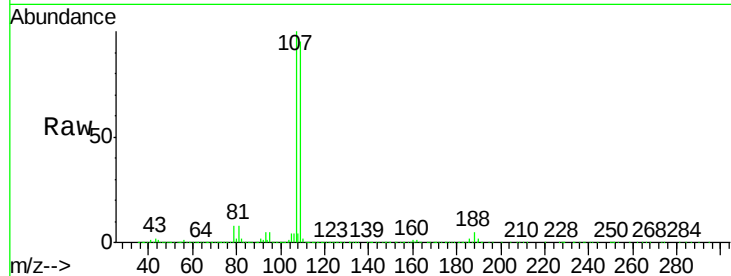
VSTDICCC050

Tgt Ion: 107 Resp: 215499

Ion Ratio Lower Upper

107 100

109 94.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.15 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

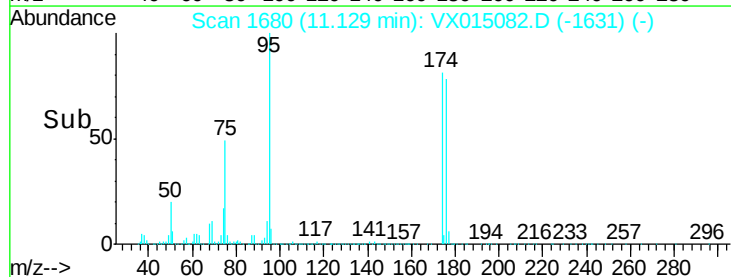
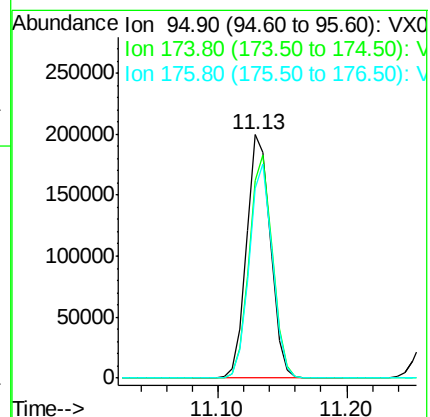
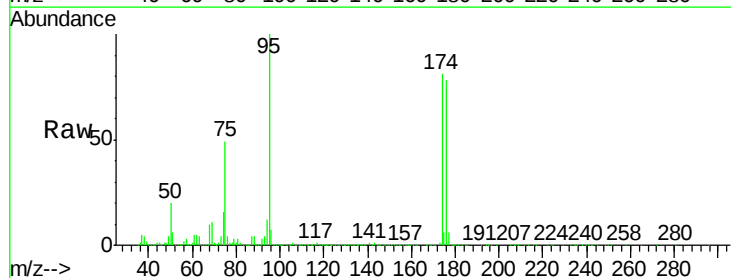
Tgt Ion: 95 Resp: 254232

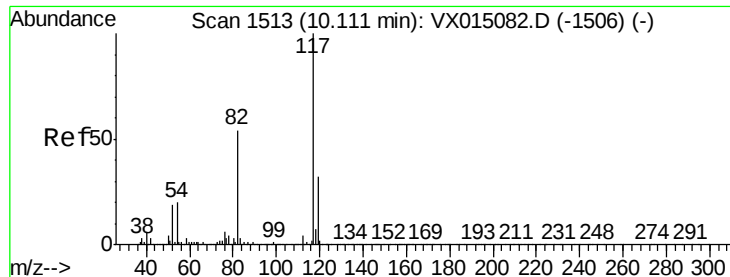
Ion Ratio Lower Upper

95 100

174 88.8 0.0 177.6

176 85.1 0.0 170.2

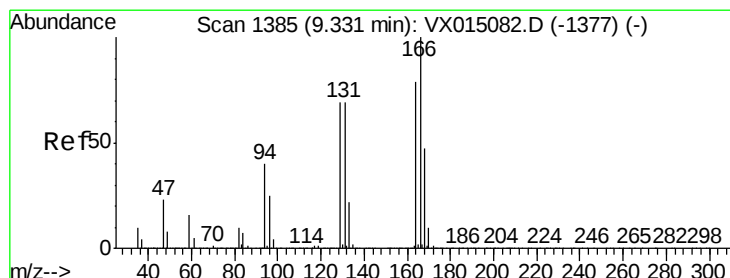
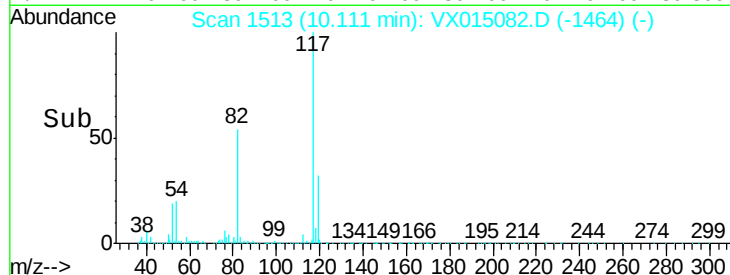
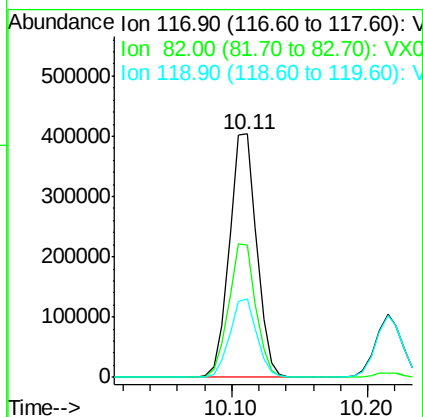
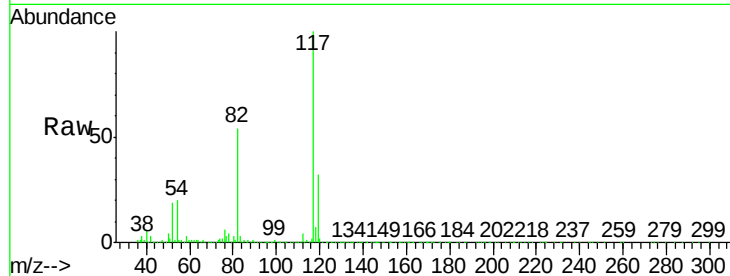




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

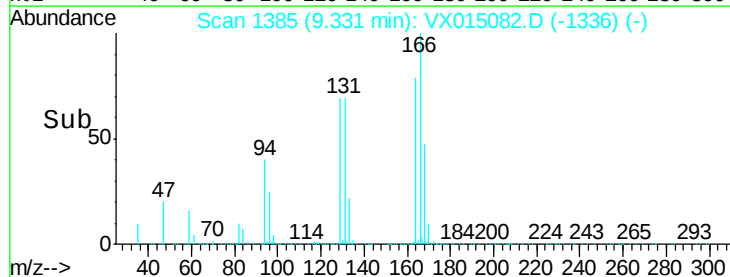
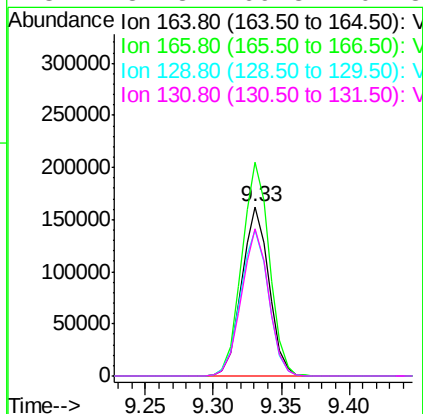
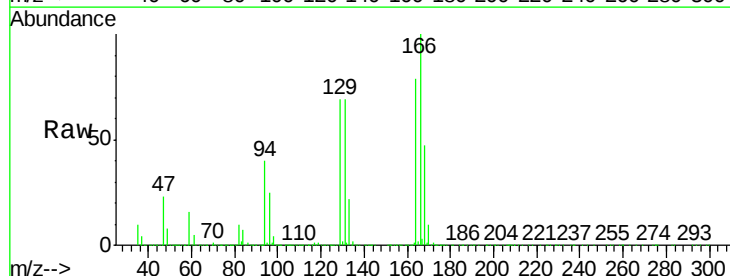
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tgt Ion:117 Resp: 561153
Ion Ratio Lower Upper
117 100
82 54.1 43.3 64.9
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 48.86 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion:164 Resp: 226712
Ion Ratio Lower Upper
164 100
166 126.4 101.1 151.7
129 86.7 69.4 104.0
131 87.3 69.8 104.8





#65

Chlorobenzene

Concen: 49.15 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

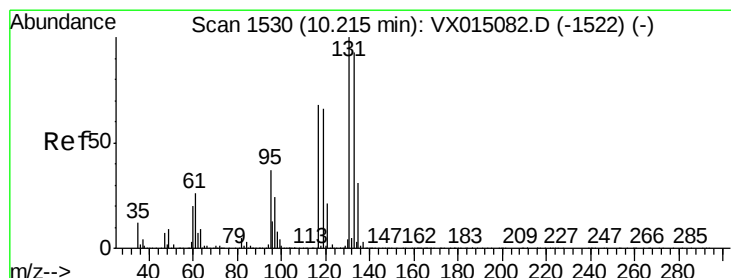
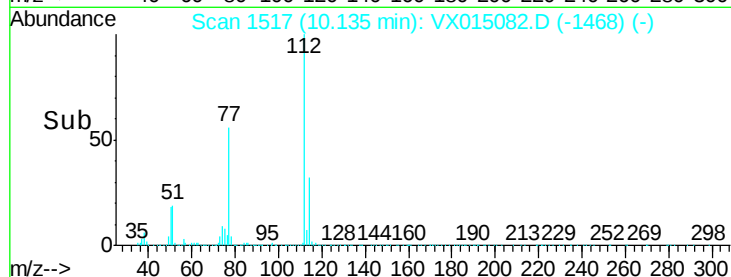
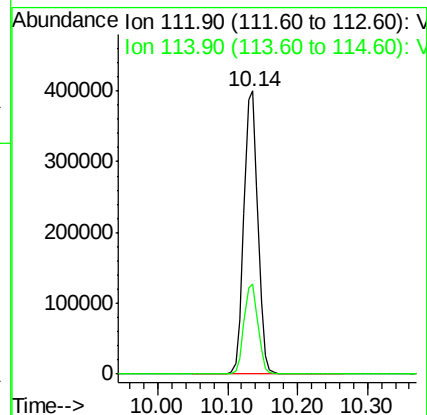
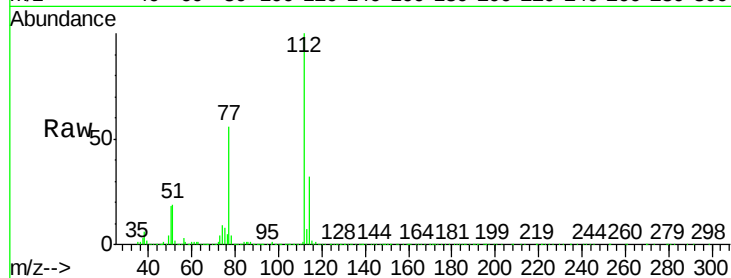
VSTDICCC050

Tgt Ion:112 Resp: 553675

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 48.82 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

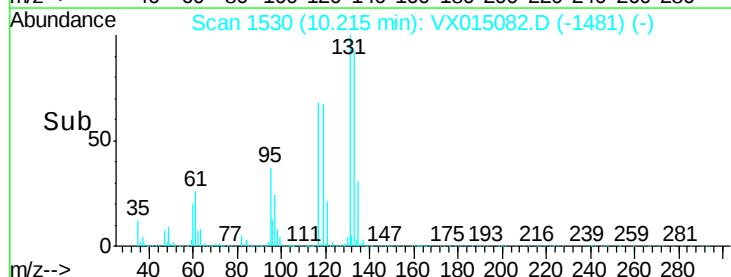
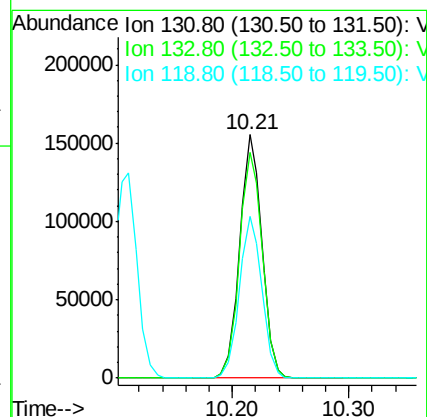
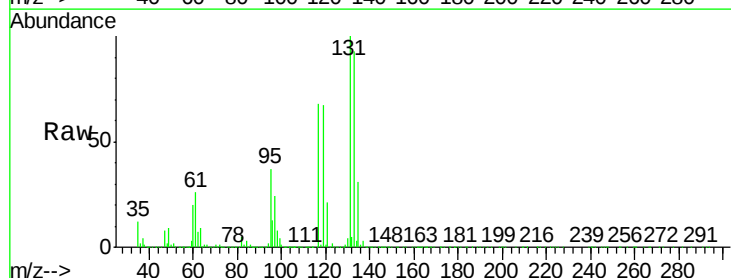
Tgt Ion:131 Resp: 207391

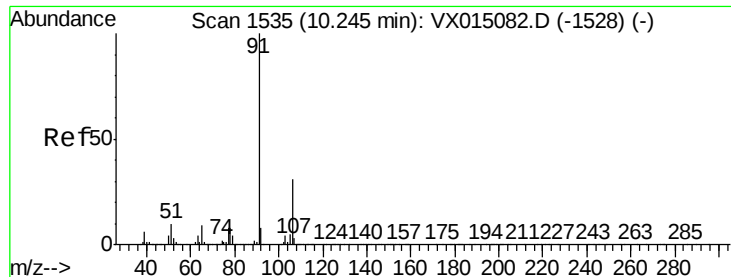
Ion Ratio Lower Upper

131 100

133 95.0 47.5 142.5

119 66.7 33.4 100.1

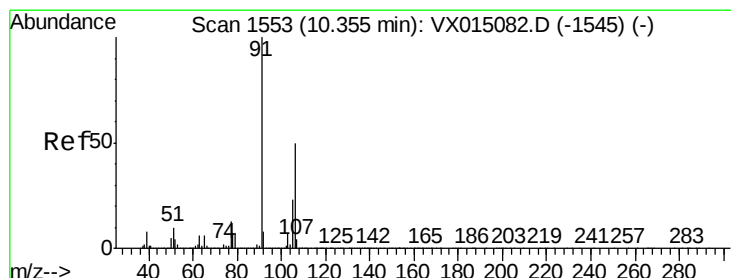
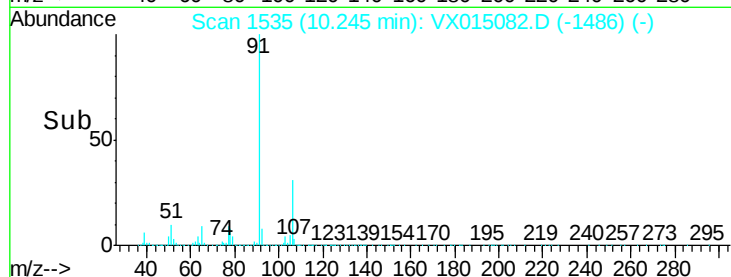
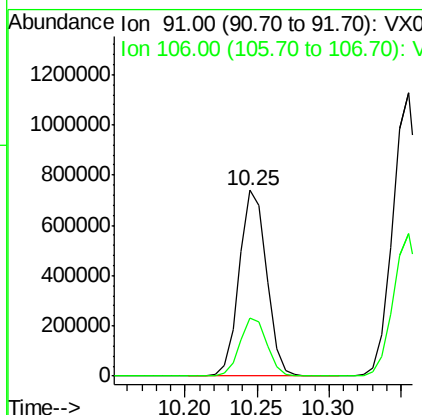
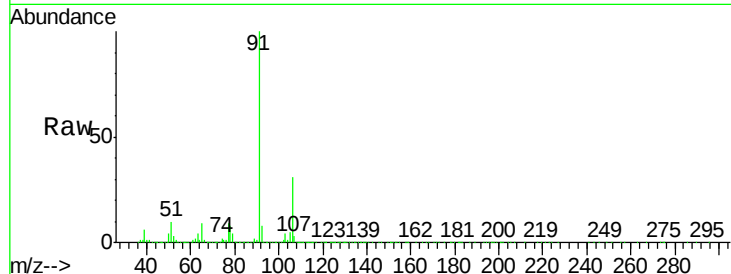




#67
Ethyl Benzene
Concen: 50.90 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

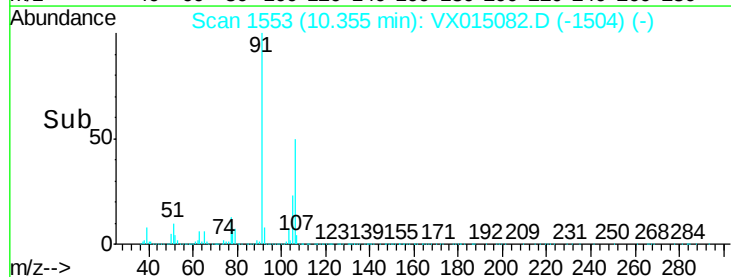
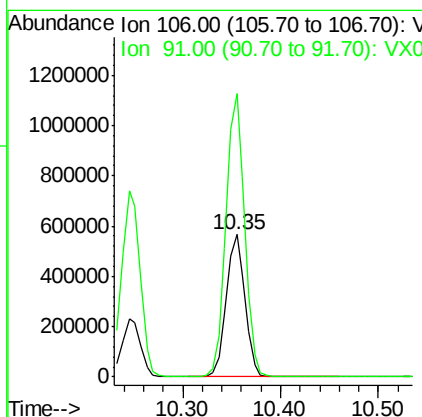
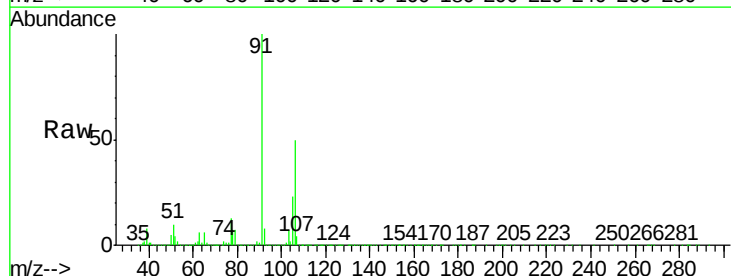
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

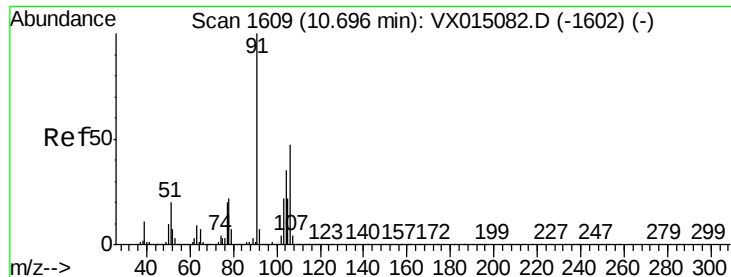
Tgt Ion: 91 Resp: 973800
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 102.56 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion: 106 Resp: 746479
Ion Ratio Lower Upper
106 100
91 199.3 159.4 239.2

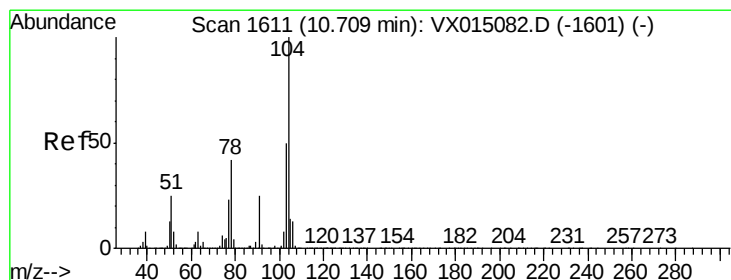
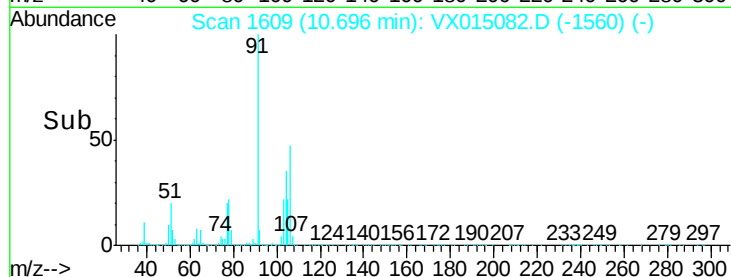
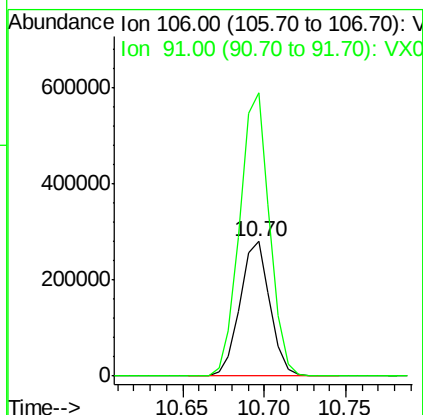
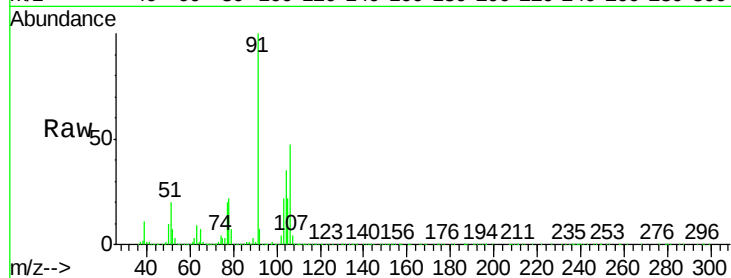




#69
o-Xylene
Concen: 51.11 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

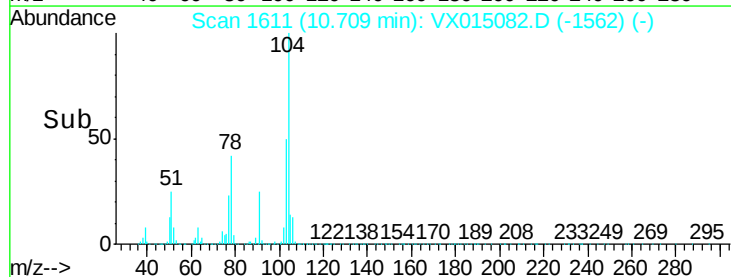
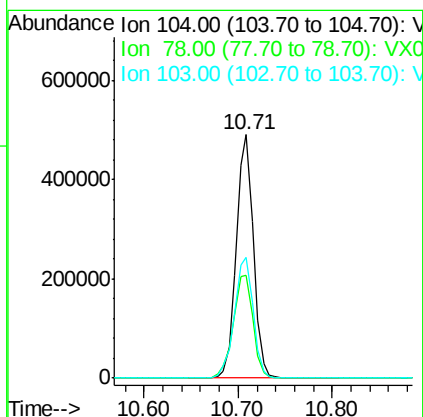
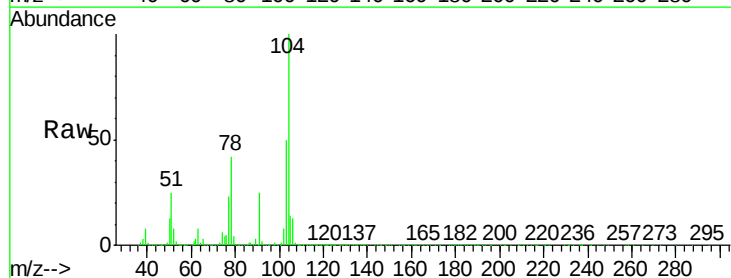
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

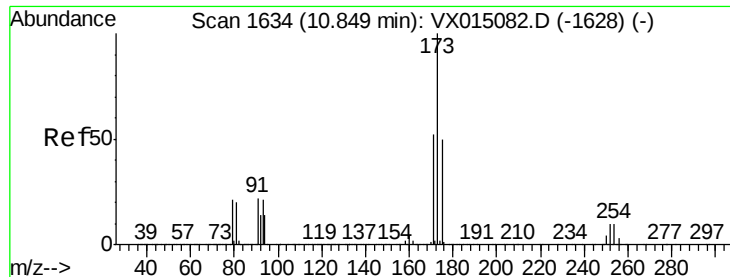
Tgt Ion:106 Resp: 356163
Ion Ratio Lower Upper
106 100
91 210.7 105.4 316.1



#70
Styrene
Concen: 51.74 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion:104 Resp: 618184
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.4
103 54.6 43.7 65.5

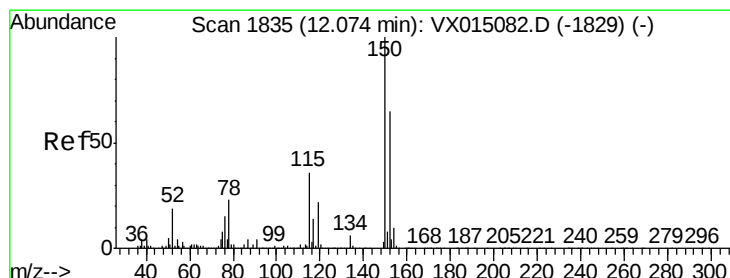
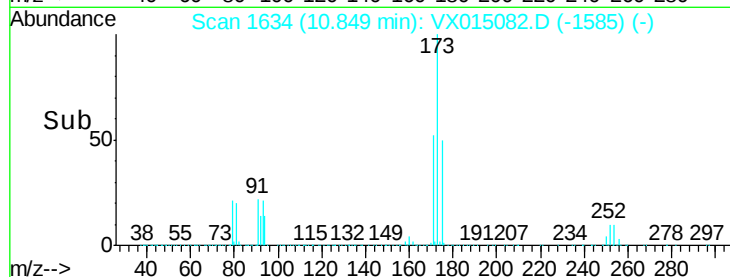
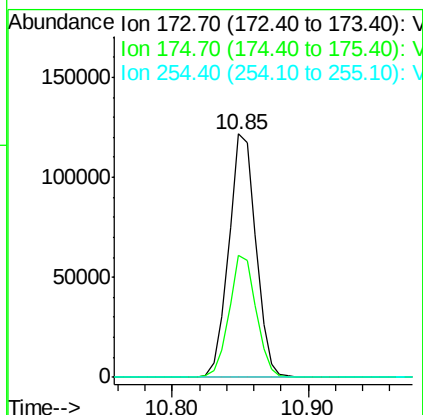
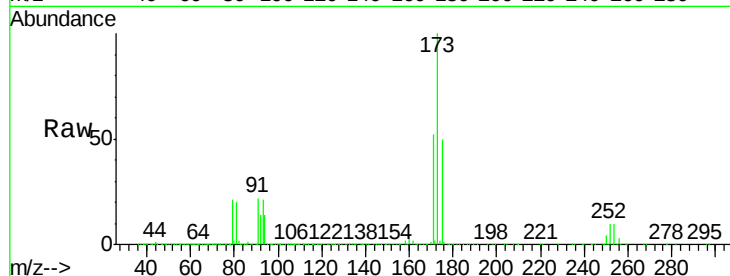




#71
Bromoform
Concen: 51.13 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

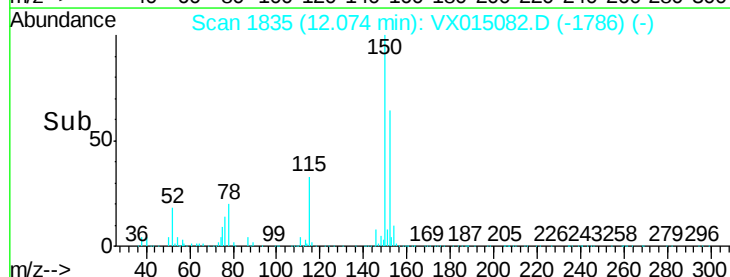
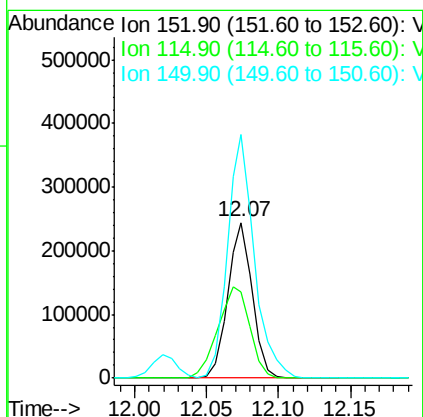
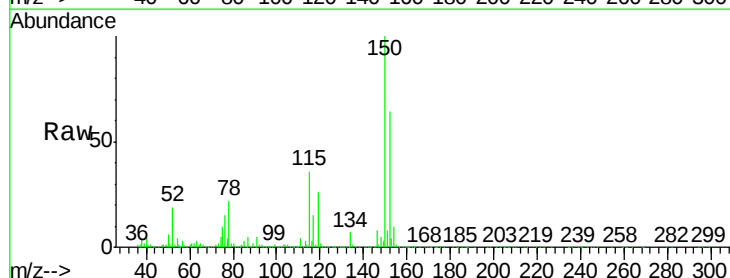
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

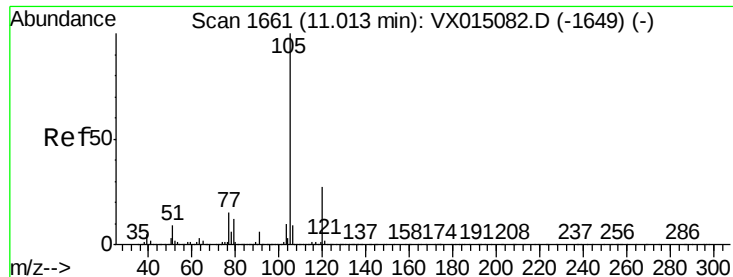
Tgt Ion:173 Resp: 168441
Ion Ratio Lower Upper
173 100
175 49.8 24.9 74.7
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion:152 Resp: 290818
Ion Ratio Lower Upper
152 100
115 76.4 38.2 114.6
150 171.9 0.0 343.8





#73

Isopropylbenzene

Concen: 51.88 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

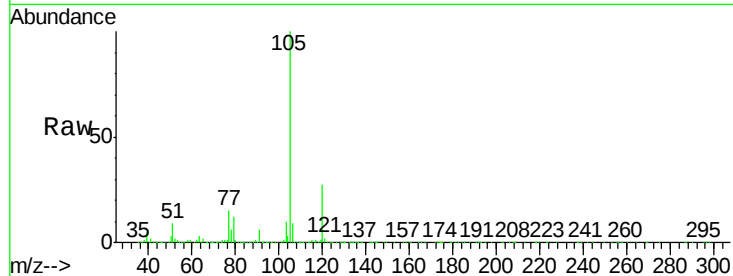
VSTDICCC050

Tgt Ion:105 Resp: 963782

Ion Ratio Lower Upper

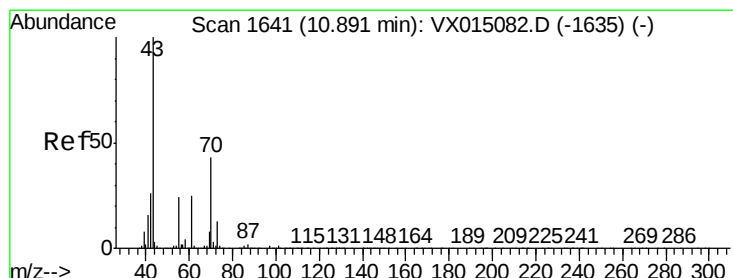
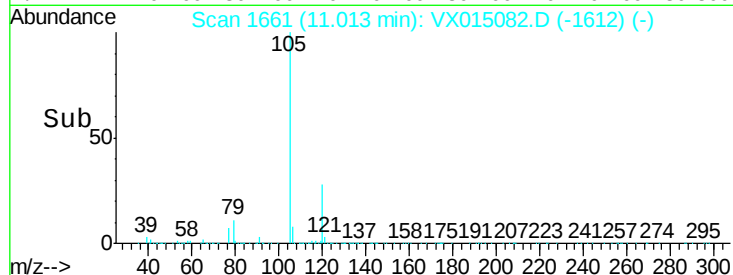
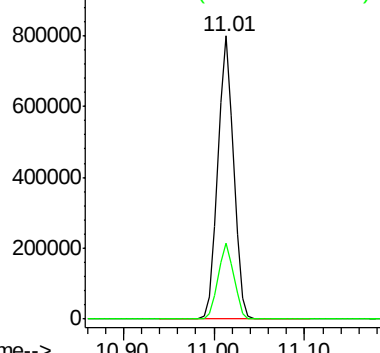
105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.07 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Tgt Ion: 43 Resp: 407691

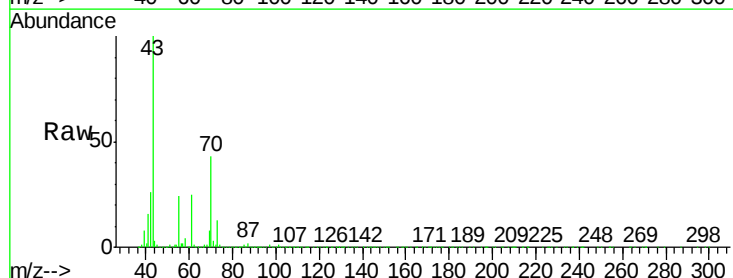
Ion Ratio Lower Upper

43 100

70 43.4 34.7 52.1

55 24.2 19.4 29.0

61 23.8 19.0 28.6

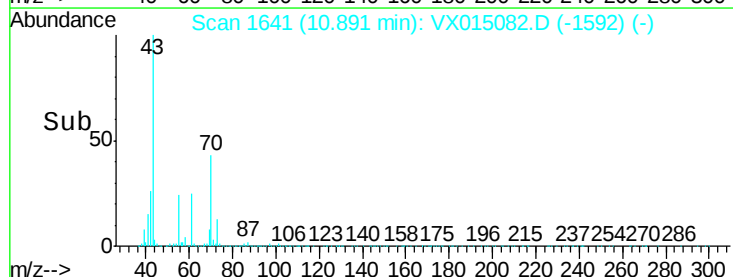
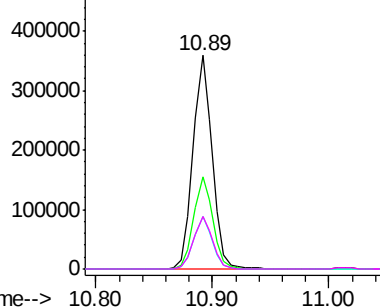


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.37 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

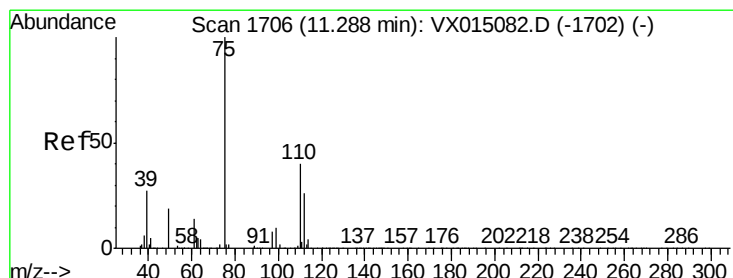
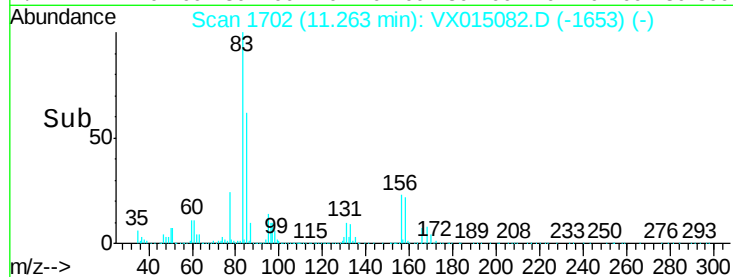
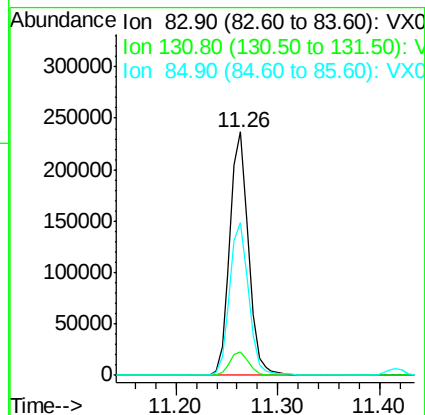
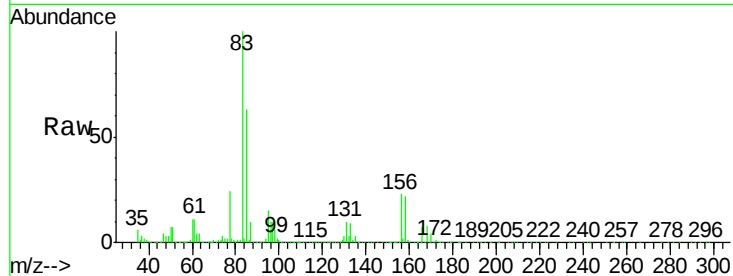
Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:	83	Resp:	299501
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	63.9	31.9	95.9



#76

1,2,3-Trichloropropane

Concen: 61.26 ug/l

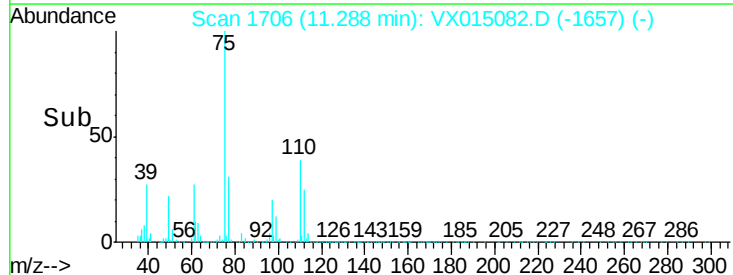
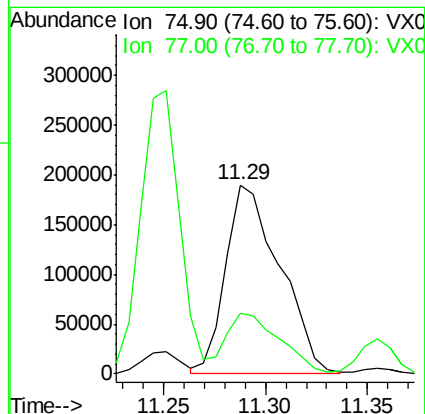
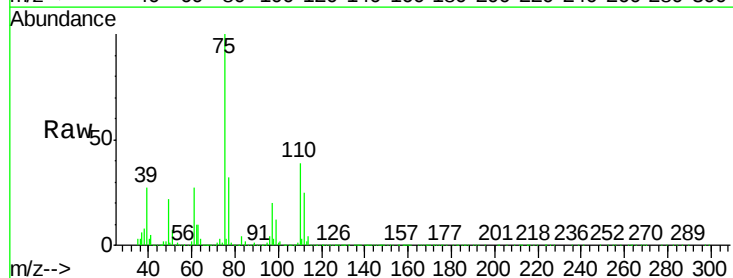
RT: 11.29 min Scan# 1706

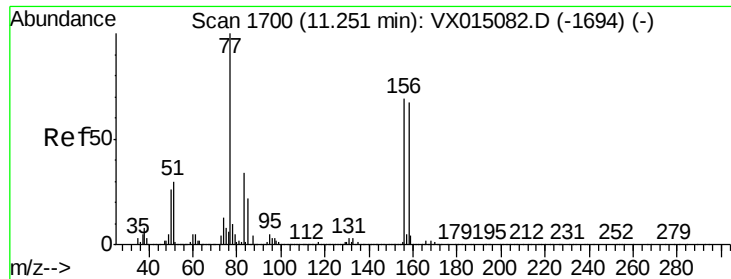
Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Tgt Ion:	75	Resp:	349653
Ion	Ratio	Lower	Upper
75	100		
77	32.2	22.6	67.8





#77

Bromobenzene

Concen: 48.11 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

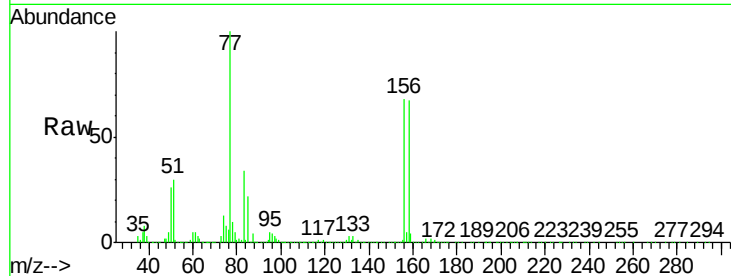
Tgt Ion:156 Resp: 249070

Ion Ratio Lower Upper

156 100

77 150.6 75.3 225.9

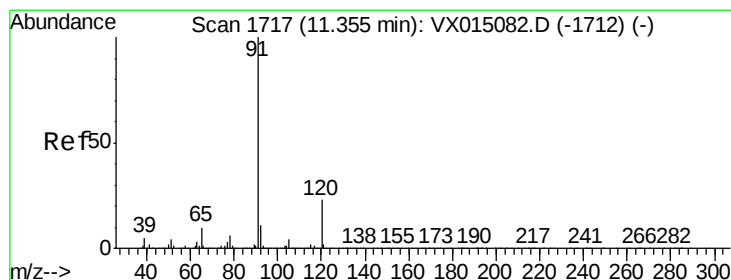
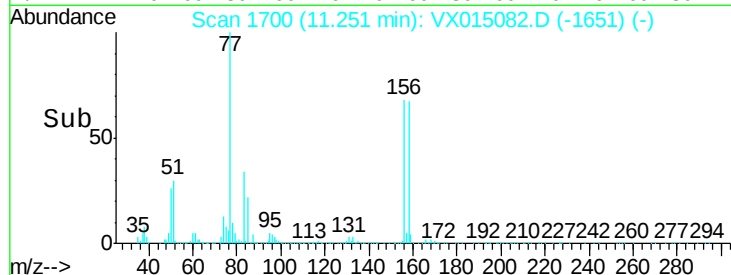
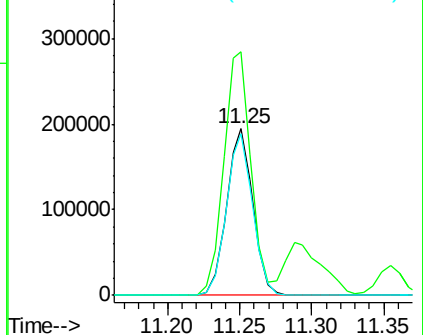
158 97.1 48.5 145.6



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: 52.01 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015082.D

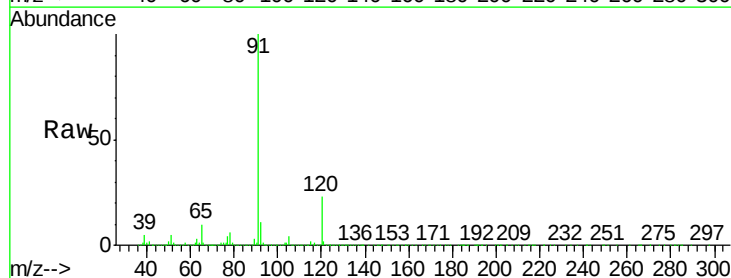
Acq: 04 Mar 2020 09:47

Tgt Ion: 91 Resp: 1103843

Ion Ratio Lower Upper

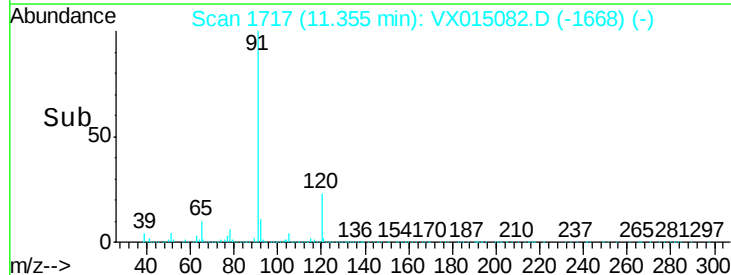
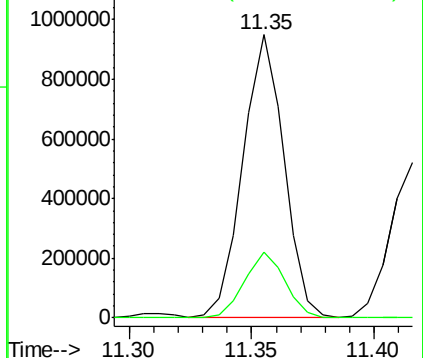
91 100

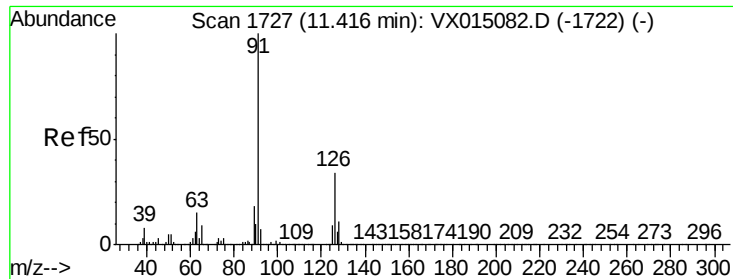
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.01 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

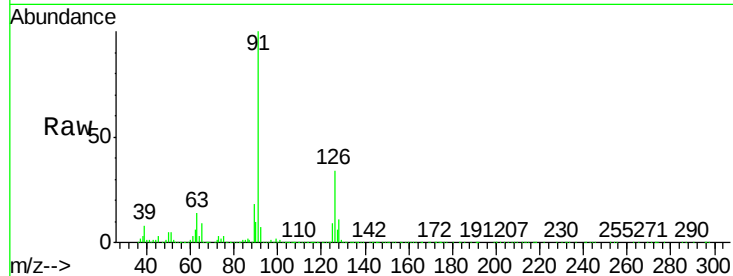
VSTDICCC050

Tgt Ion: 91 Resp: 633836

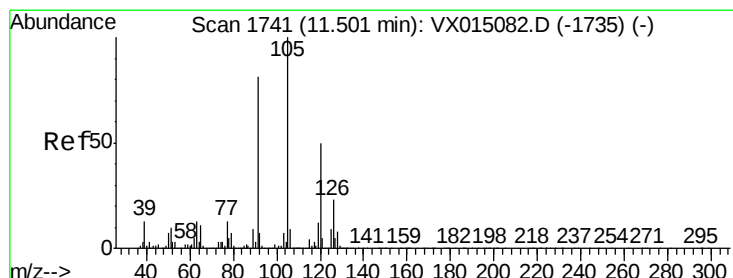
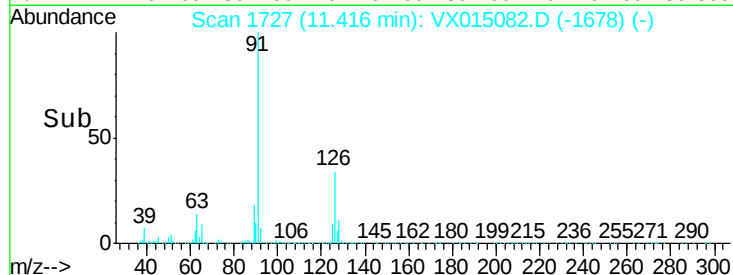
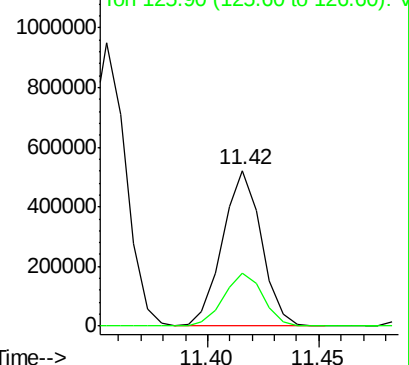
Ion Ratio Lower Upper

91 100

126 34.7 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX015082.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.54 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015082.D

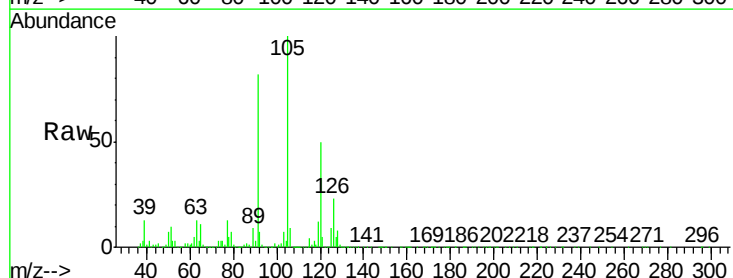
Acq: 04 Mar 2020 09:47

Tgt Ion: 105 Resp: 797079

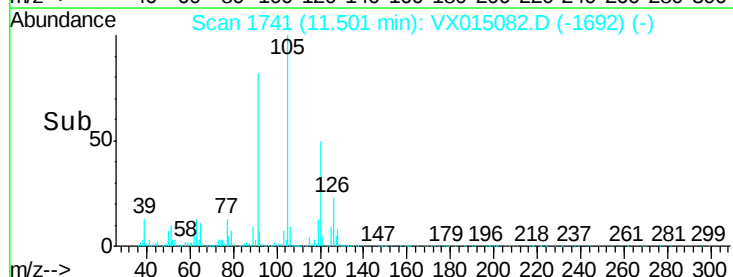
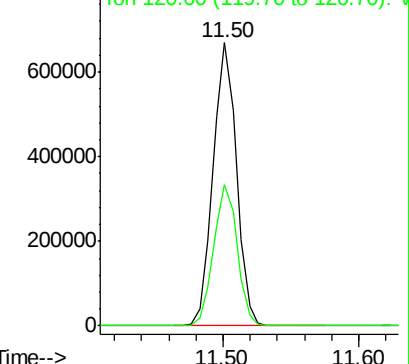
Ion Ratio Lower Upper

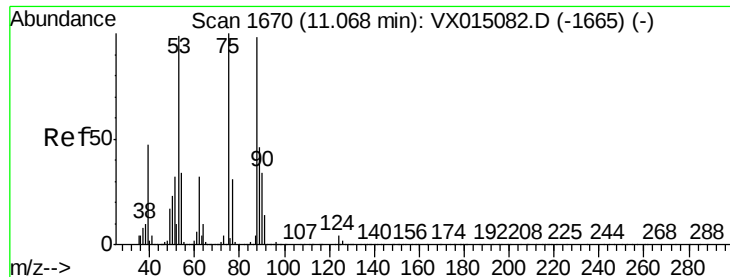
105 100

120 50.3 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VX015082.D (-1735) (-)

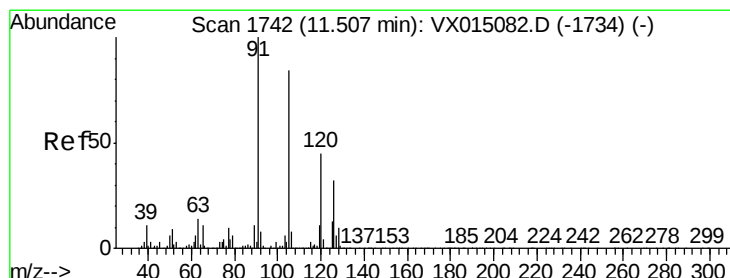
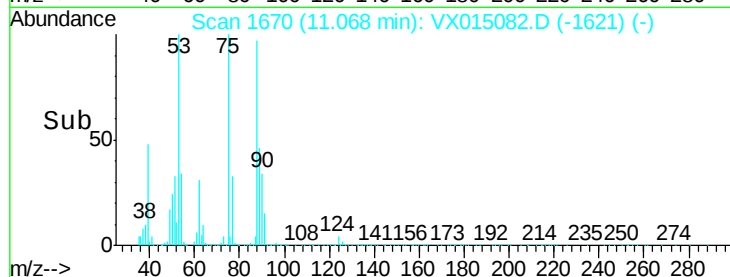
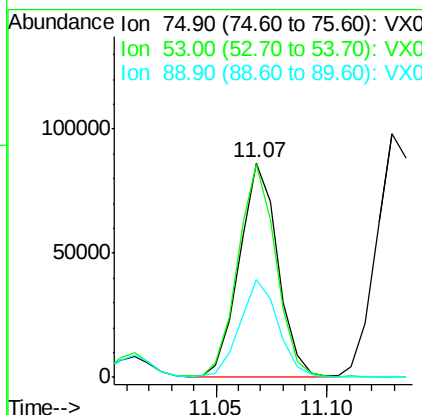
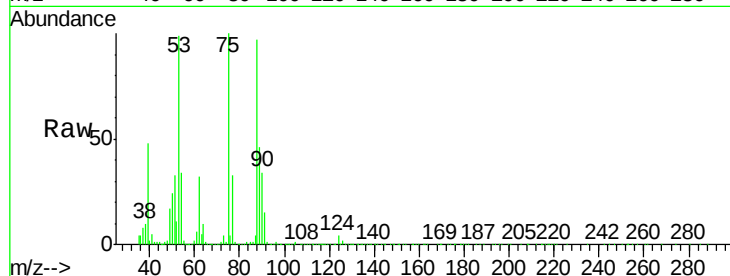




#81
trans-1,4-Dichloro-2-butene
Concen: 50.84 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

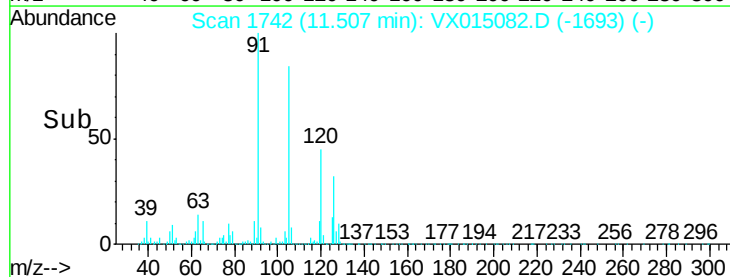
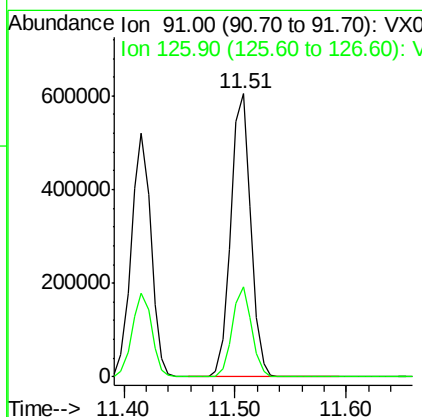
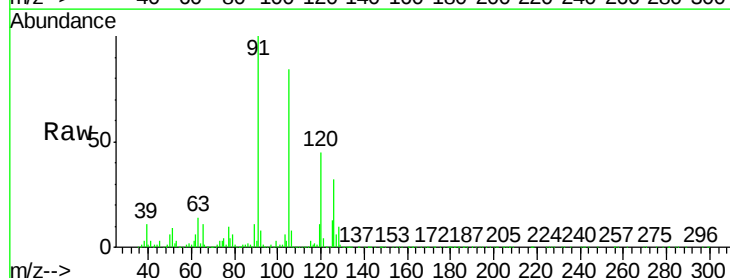
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 103917
Ion Ratio Lower Upper
75 100
53 97.4 77.9 116.9
89 45.2 36.2 54.2



#82
4-Chlorotoluene
Concen: 49.96 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion: 91 Resp: 748144
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2





#83

tert-Butylbenzene

Concen: 51.03 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

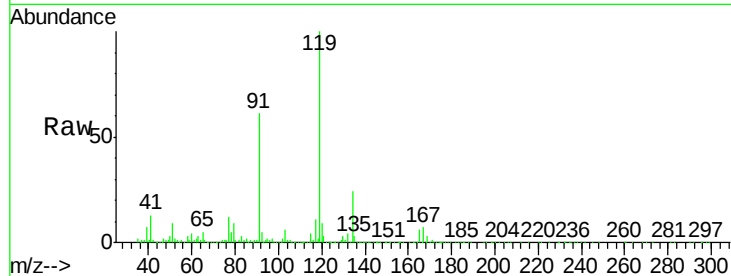
Tgt Ion:119 Resp: 763088

Ion Ratio Lower Upper

119 100

91 57.1 28.5 85.6

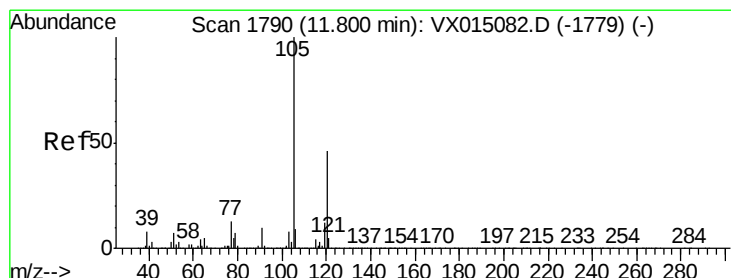
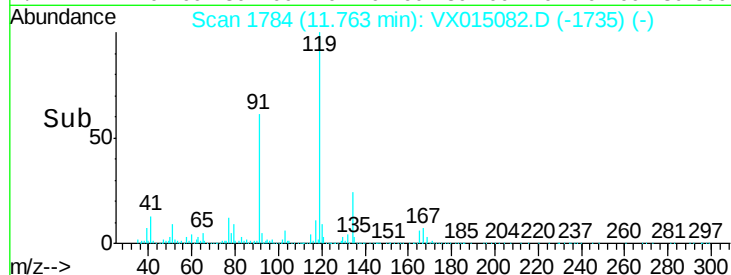
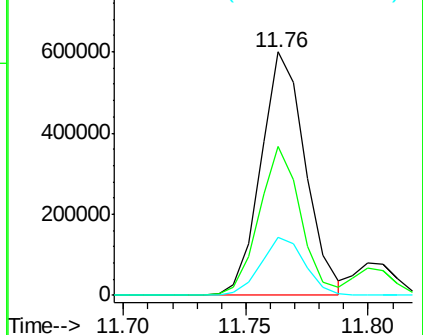
134 23.8 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.55 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015082.D

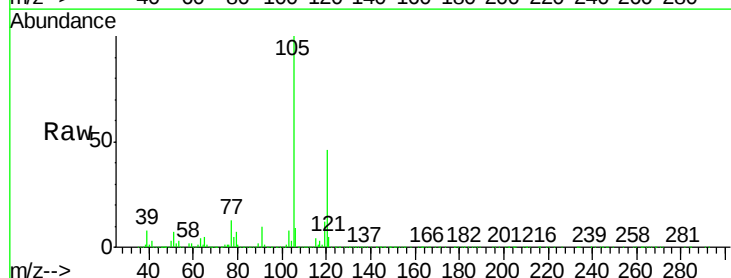
Acq: 04 Mar 2020 09:47

Tgt Ion:105 Resp: 800927

Ion Ratio Lower Upper

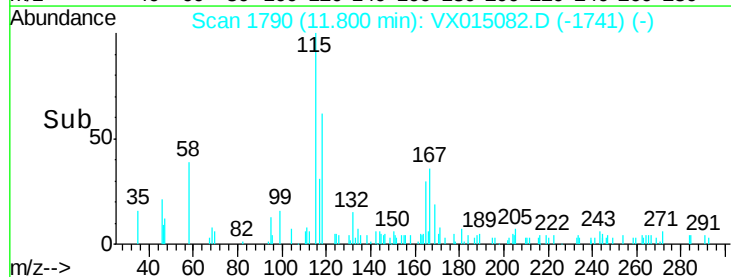
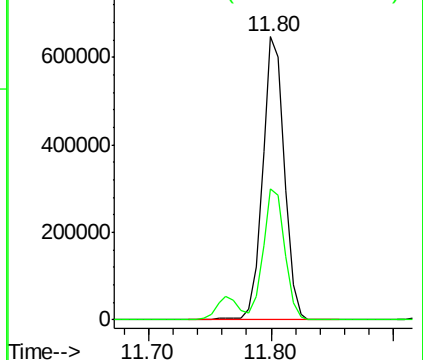
105 100

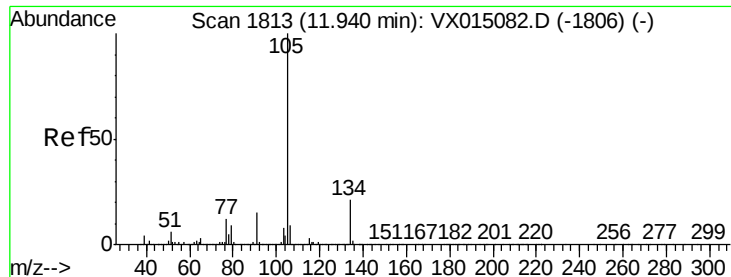
120 45.7 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

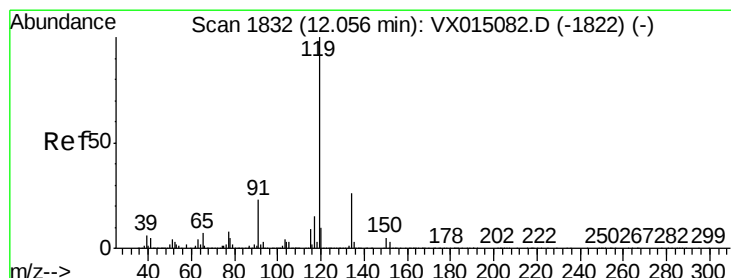
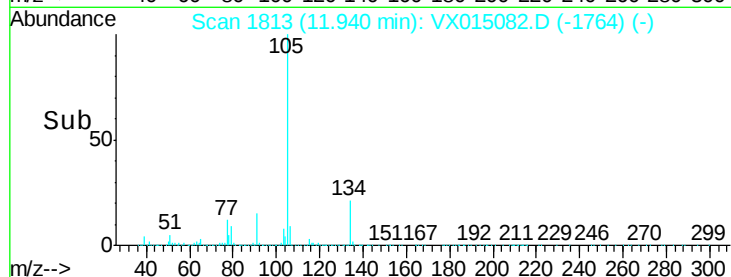
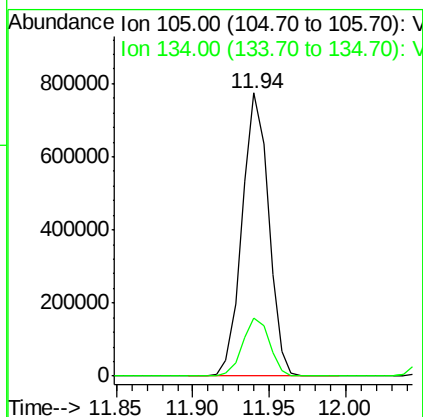
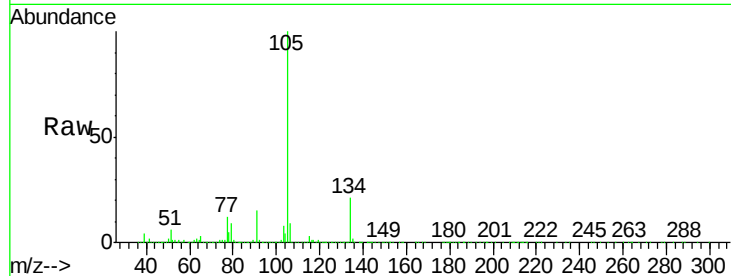




#85
 sec-Butylbenzene
 Concen: 51.64 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

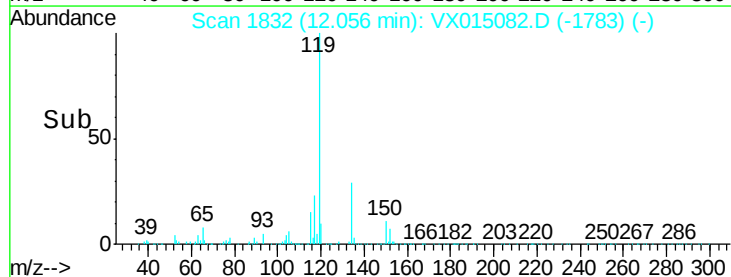
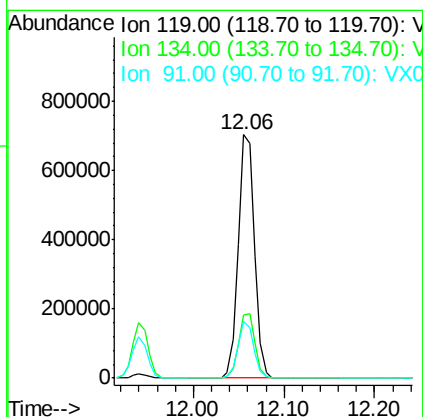
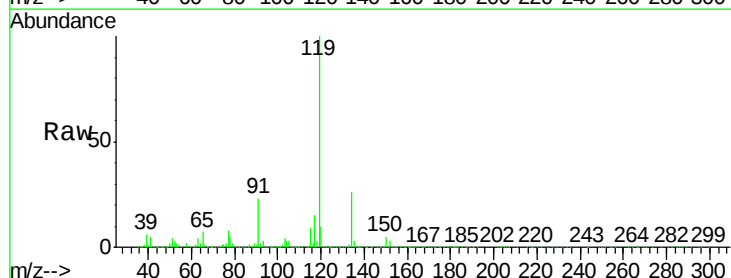
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

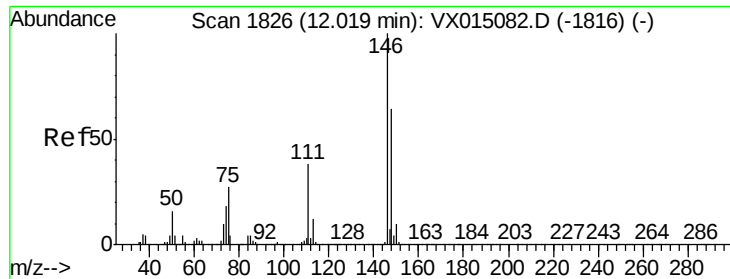
Tgt Ion:105 Resp: 932113
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 52.31 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Tgt Ion:119 Resp: 869948
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 22.5 11.3 33.8

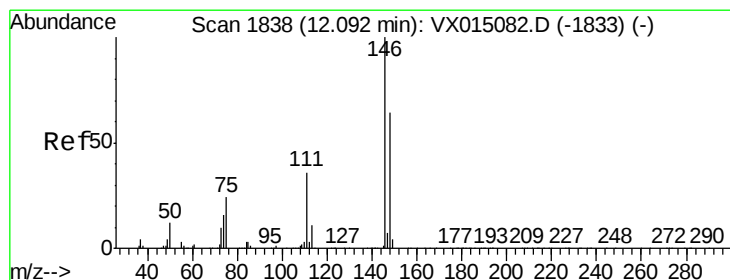
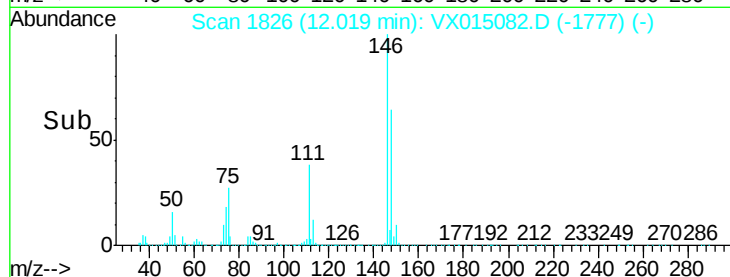
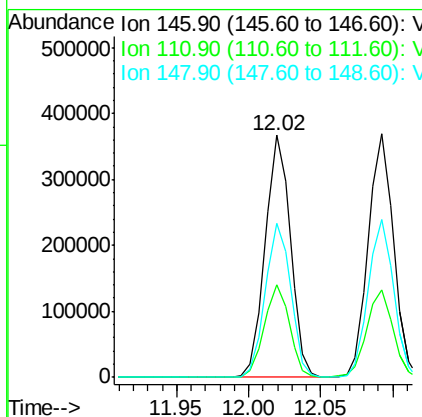
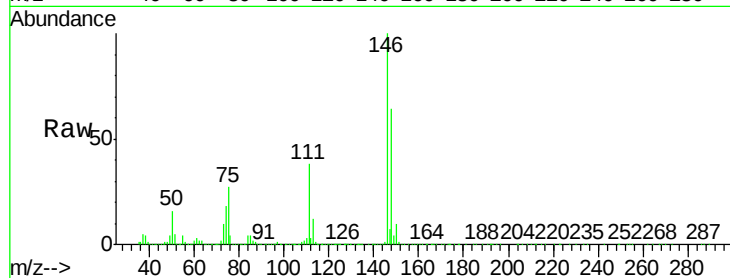




#87
 1,3-Dichlorobenzene
 Concen: 48.93 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

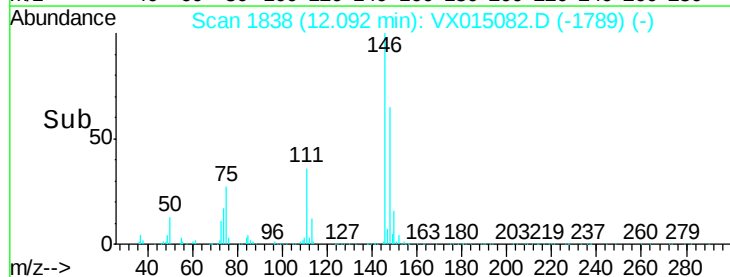
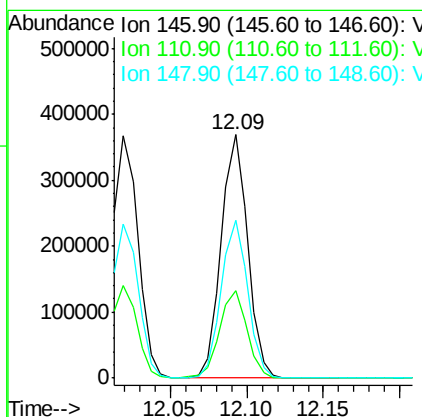
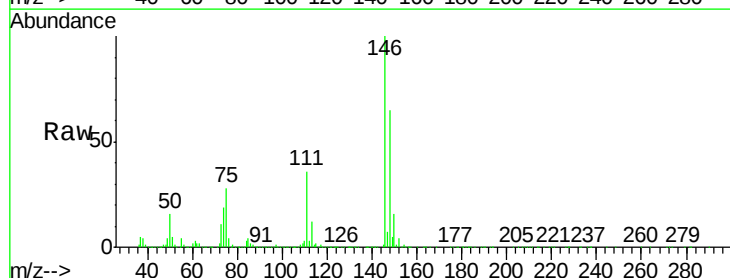
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

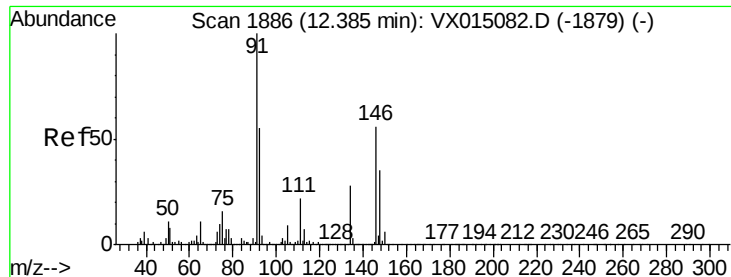
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.7	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.35 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	64.9	32.5	97.4





#89

n-Butylbenzene

Concen: 52.68 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

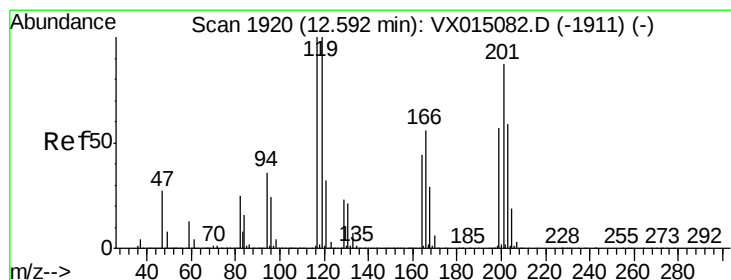
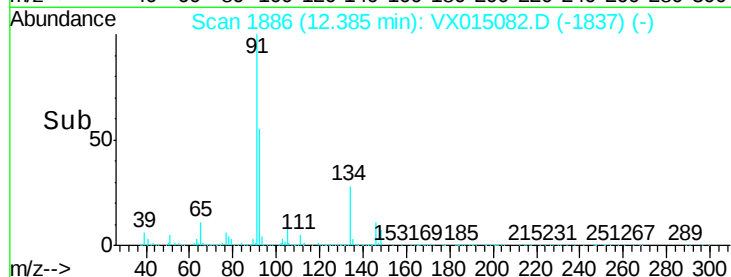
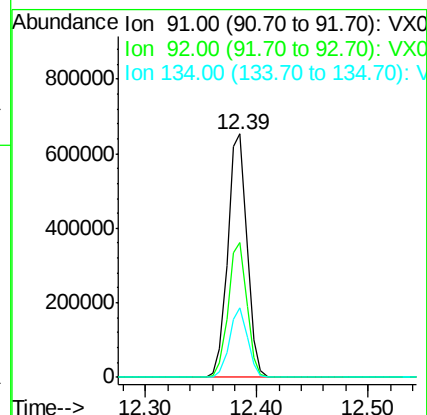
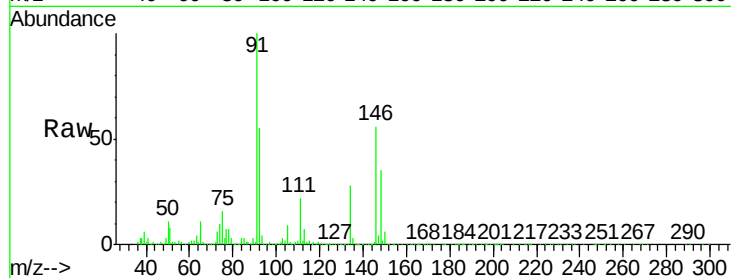
Tgt Ion: 91 Resp: 779283

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.6

134 27.0 13.5 40.5



#90

Hexachloroethane

Concen: 48.83 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015082.D

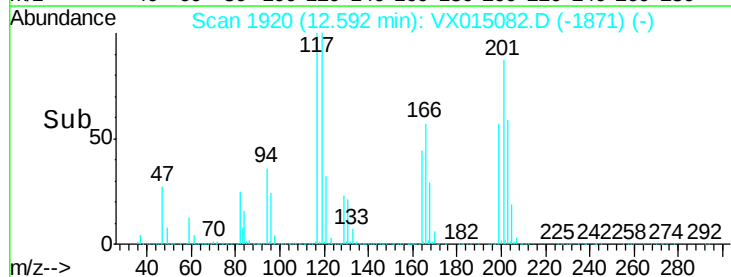
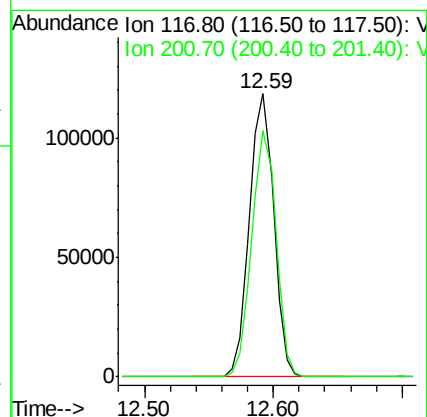
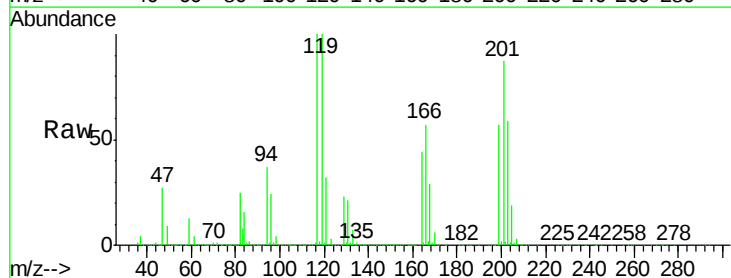
Acq: 04 Mar 2020 09:47

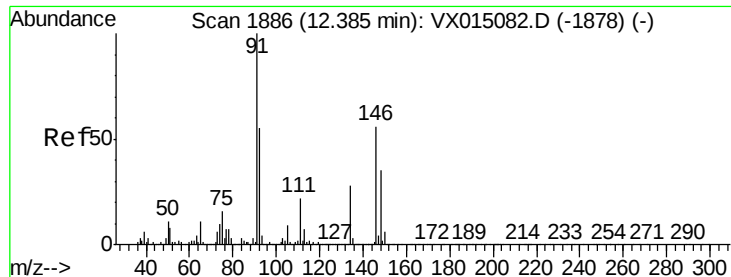
Tgt Ion: 117 Resp: 153541

Ion Ratio Lower Upper

117 100

201 87.1 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 47.97 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

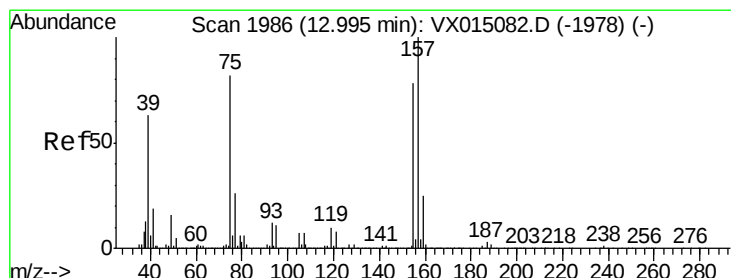
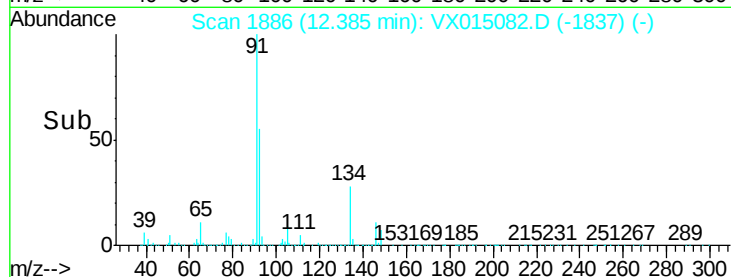
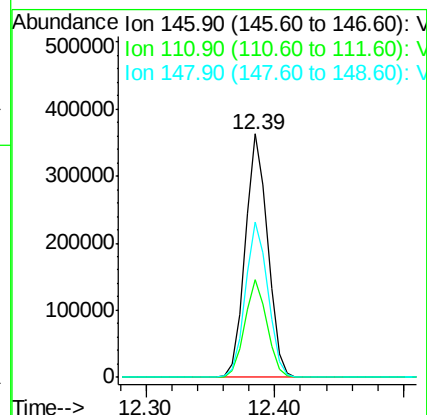
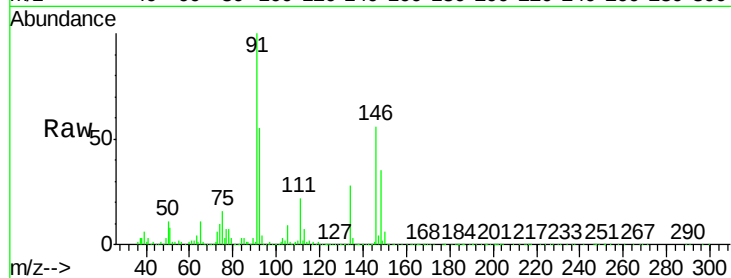
Tgt Ion: 146 Resp: 434036

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

148 64.5 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.16 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

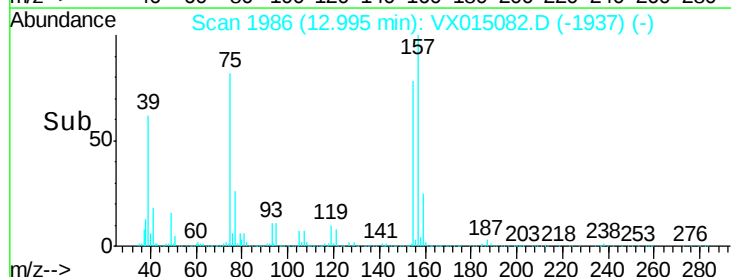
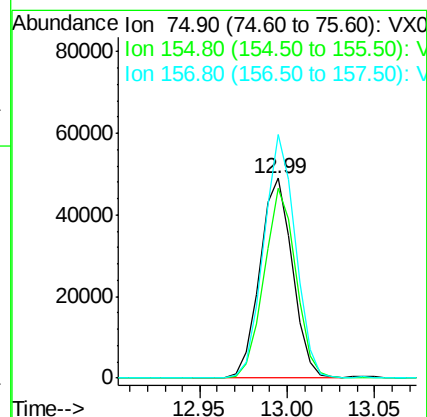
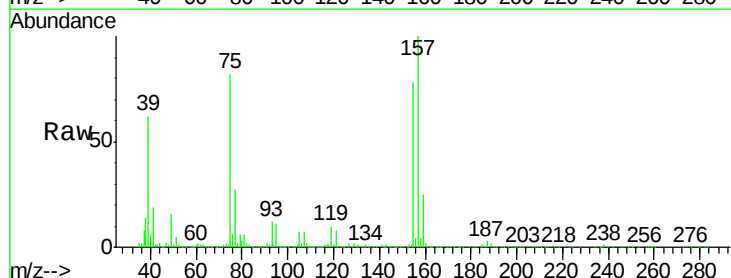
Tgt Ion: 75 Resp: 63421

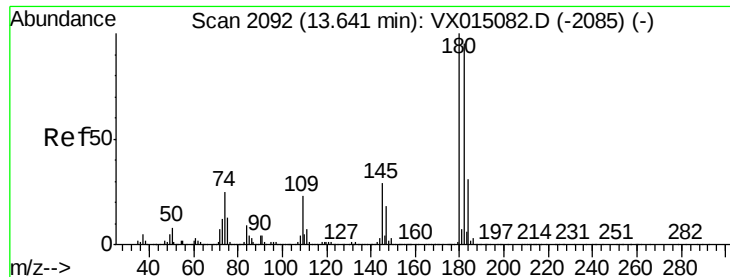
Ion Ratio Lower Upper

75 100

155 93.1 46.6 139.7

157 118.3 59.2 177.5

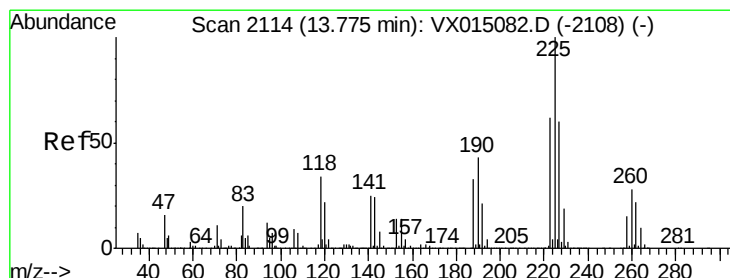
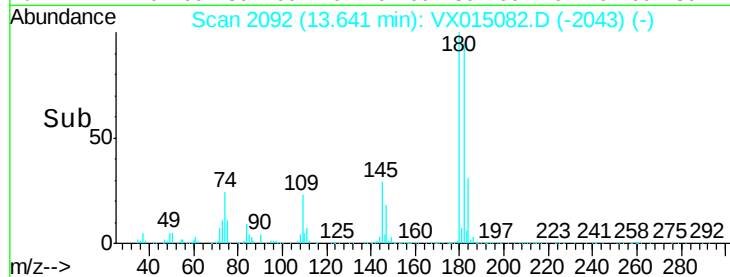
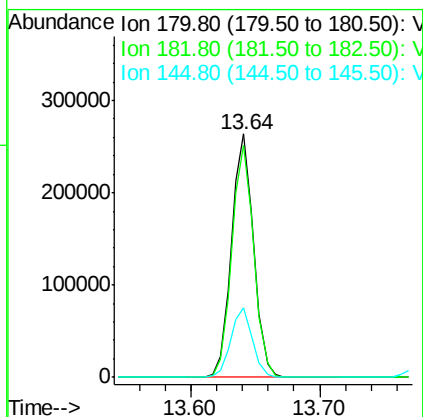
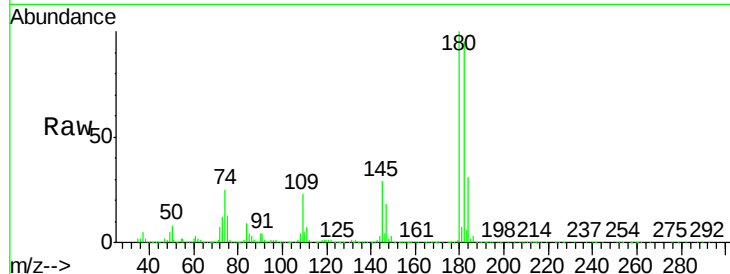




#93
 1,2,4-Trichlorobenzene
 Concen: 50.40 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

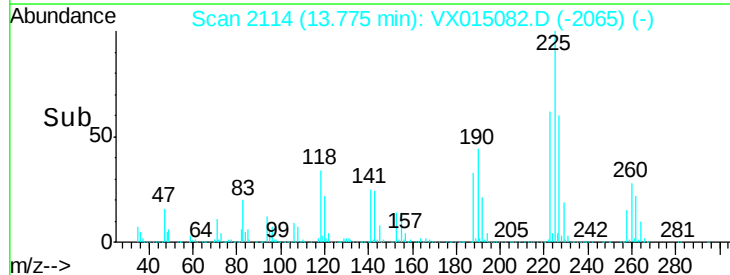
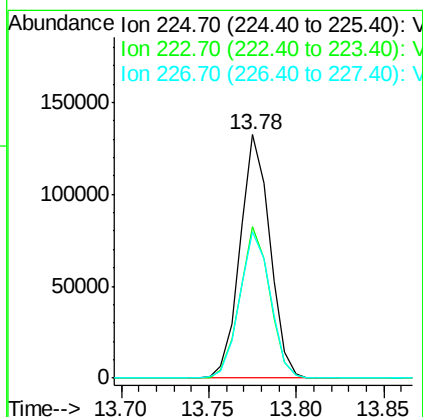
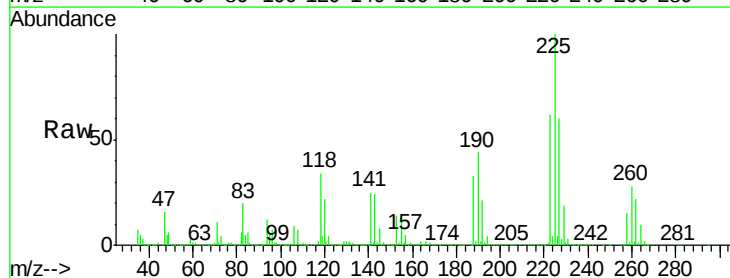
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

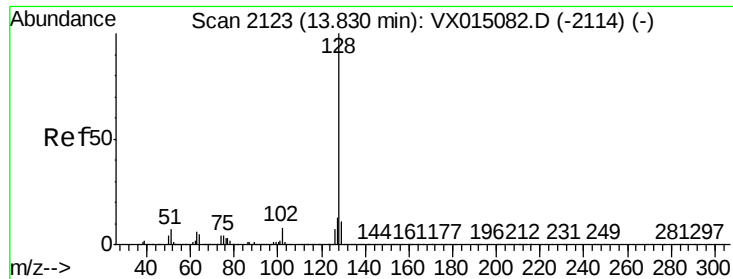
Tgt Ion:180 Resp: 316590
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.8
 145 28.1 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 48.58 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Tgt Ion:225 Resp: 156588
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.9
 227 62.1 31.1 93.2

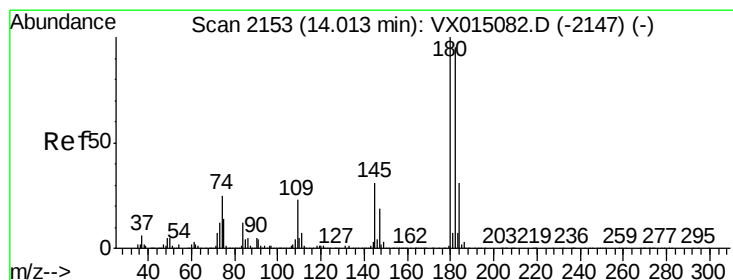
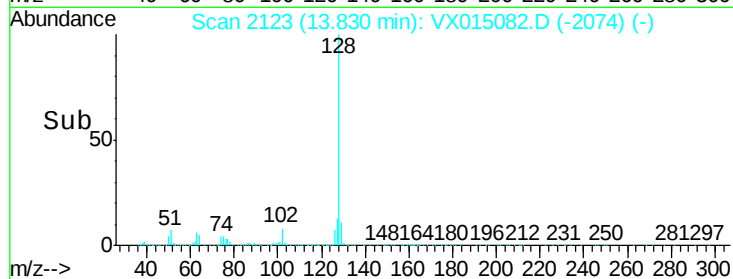
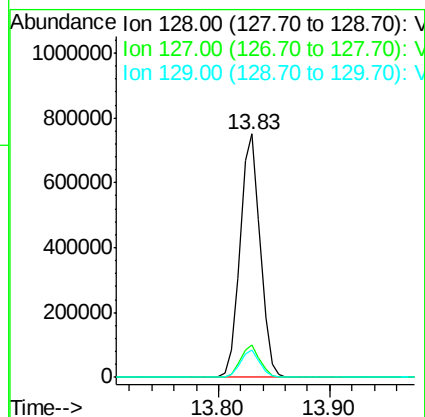
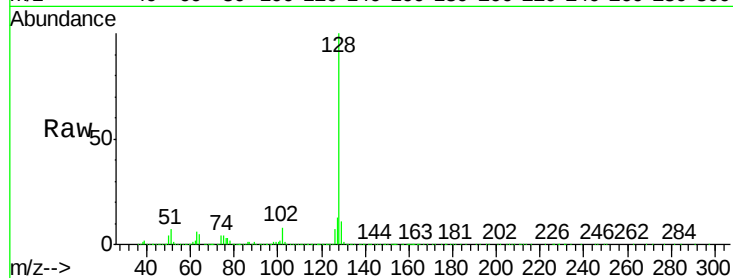




#95
Naphthalene
Concen: 54.30 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 932228
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.06 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion:180 Resp: 320010
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.4
145 30.2 15.1 45.3

