

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030420\
 Data File : VX015084.D
 Acq On : 04 Mar 2020 10:32
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 04 13:18:28 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	377705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	585998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	545391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	300001	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	674728	150.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.16%	
35) Dibromofluoromethane	5.49	113	559779	151.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.84%	
50) Toluene-d8	8.71	98	2137516	152.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.00%	
62) 4-Bromofluorobenzene	11.14	95	813143	162.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	491899	148.72	ug/l	100
3) Chloromethane	1.31	50	675615	144.21	ug/l	100
4) Vinyl Chloride	1.40	62	680733	143.29	ug/l	98
5) Bromomethane	1.63	94	432496	148.08	ug/l	99
6) Chloroethane	1.70	64	403304	141.52	ug/l	98
7) Trichlorofluoromethane	1.92	101	813901	143.98	ug/l	98
8) Diethyl Ether	2.18	74	371667	143.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	502457	141.28	ug/l	98
10) Methyl Iodide	2.50	142	647364	161.11	ug/l	100
11) Tert butyl alcohol	3.06	59	623947	802.56	ug/l	100
12) 1,1-Dichloroethene	2.36	96	529129	144.16	ug/l	98
13) Acrolein	2.28	56	537290	735.39	ug/l	100
14) Allyl chloride	2.72	41	982640	153.54	ug/l	99
15) Acrylonitrile	3.14	53	1505999	777.83	ug/l	99
16) Acetone	2.44	43	1262993	695.97	ug/l	99
17) Carbon Disulfide	2.56	76	1562932	153.33	ug/l	100
18) Methyl Acetate	2.76	43	640802	144.41	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1780861	155.27	ug/l	100
20) Methylene Chloride	2.85	84	600802	141.47	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	588060	150.05	ug/l	98
22) Diisopropyl ether	3.84	45	1942201	152.32	ug/l	98
23) Vinyl Acetate	3.81	43	8402521	801.66	ug/l	100
24) 1,1-Dichloroethane	3.69	63	1061989	150.07	ug/l	99
25) 2-Butanone	4.66	43	2061801	776.06	ug/l	100
26) 2,2-Dichloropropane	4.58	77	853218	151.87	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	671672	152.76	ug/l	100
28) Bromochloromethane	5.01	49	483406	150.01	ug/l	98
29) Tetrahydrofuran	5.11	42	1310556	765.26	ug/l	99
30) Chloroform	5.20	83	1015081	147.17	ug/l	99
31) Cyclohexane	5.57	56	966545	153.12	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	895529	156.63	ug/l	98
36) 1,1-Dichloropropene	5.79	75	810318	149.48	ug/l	100
37) Ethyl Acetate	4.82	43	820001	163.10	ug/l	100
38) Carbon Tetrachloride	5.78	117	780415	152.52	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	987919	156.08	ug/l	98
40) Benzene	6.14	78	2384923	148.29	ug/l	98
41) Methacrylonitrile	5.03	41	459934	164.96	ug/l	99
42) 1,2-Dichloroethane	6.18	62	821440	148.74	ug/l	99
43) Isopropyl Acetate	6.43	43	1401813	158.48	ug/l	100
44) Trichloroethene	7.21	130	664112	148.27	ug/l	97
45) 1,2-Dichloropropane	7.51	63	624293	149.97	ug/l	99
46) Dibromomethane	7.65	93	408454	150.58	ug/l	98
47) Bromodichloromethane	7.89	83	840447	156.69	ug/l	99
48) Methyl methacrylate	7.76	41	701027	155.70	ug/l	100
49) 1,4-Dioxane	7.73	88	293999	3027.36	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	4267422	816.02	ug/l	99
52) Toluene	8.78	92	1503348	152.89	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	955608	166.30	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	1038766	160.95	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	603311	149.06	ug/l	98
56) Ethyl methacrylate	9.17	69	996066	172.56	ug/l	98
57) 1,3-Dichloropropane	9.37	76	1023075	150.25	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	2518157	800.72	ug/l	99
59) 2-Hexanone	9.49	43	3253443	839.41	ug/l	98
60) Dibromochloromethane	9.58	129	678778	159.65	ug/l	100
61) 1,2-Dibromoethane	9.67	107	634709	149.30	ug/l	100
64) Tetrachloroethene	9.33	164	639860	141.90	ug/l	98
65) Chlorobenzene	10.14	112	1661225	151.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	618808	149.88	ug/l	100
67) Ethyl Benzene	10.25	91	2919194	157.00	ug/l	99
68) m/p-Xylenes	10.35	106	2281186	322.47	ug/l	98
69) o-Xylene	10.70	106	1095481	161.74	ug/l	99
70) Styrene	10.71	104	1922621	165.56	ug/l	99
71) Bromoform	10.85	173	549338	171.58	ug/l	98
73) Isopropylbenzene	11.01	105	2875486	150.04	ug/l	99
74) N-amyl acetate	10.89	43	1351281	167.31	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	951520	148.98	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	1123419	190.81	ug/l	79
77) Bromobenzene	11.25	156	784377	146.86	ug/l	100
78) n-propylbenzene	11.35	91	3379068	154.33	ug/l	99
79) 2-Chlorotoluene	11.42	91	1960322	149.93	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	2512245	157.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	352946	167.39	ug/l	96
82) 4-Chlorotoluene	11.51	91	2367980	153.29	ug/l	99
83) tert-Butylbenzene	11.76	119	2459699	159.45	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	2510975	156.67	ug/l	99
85) sec-Butylbenzene	11.94	105	2908435	156.19	ug/l	100
86) p-Isopropyltoluene	12.06	119	2724874	158.82	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1428238	152.12	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1440611	152.00	ug/l	99
89) n-Butylbenzene	12.39	91	2555219	167.46	ug/l	99
90) Hexachloroethane	12.59	117	508190	156.68	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1431082	153.31	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	208989	163.41	ug/l	95

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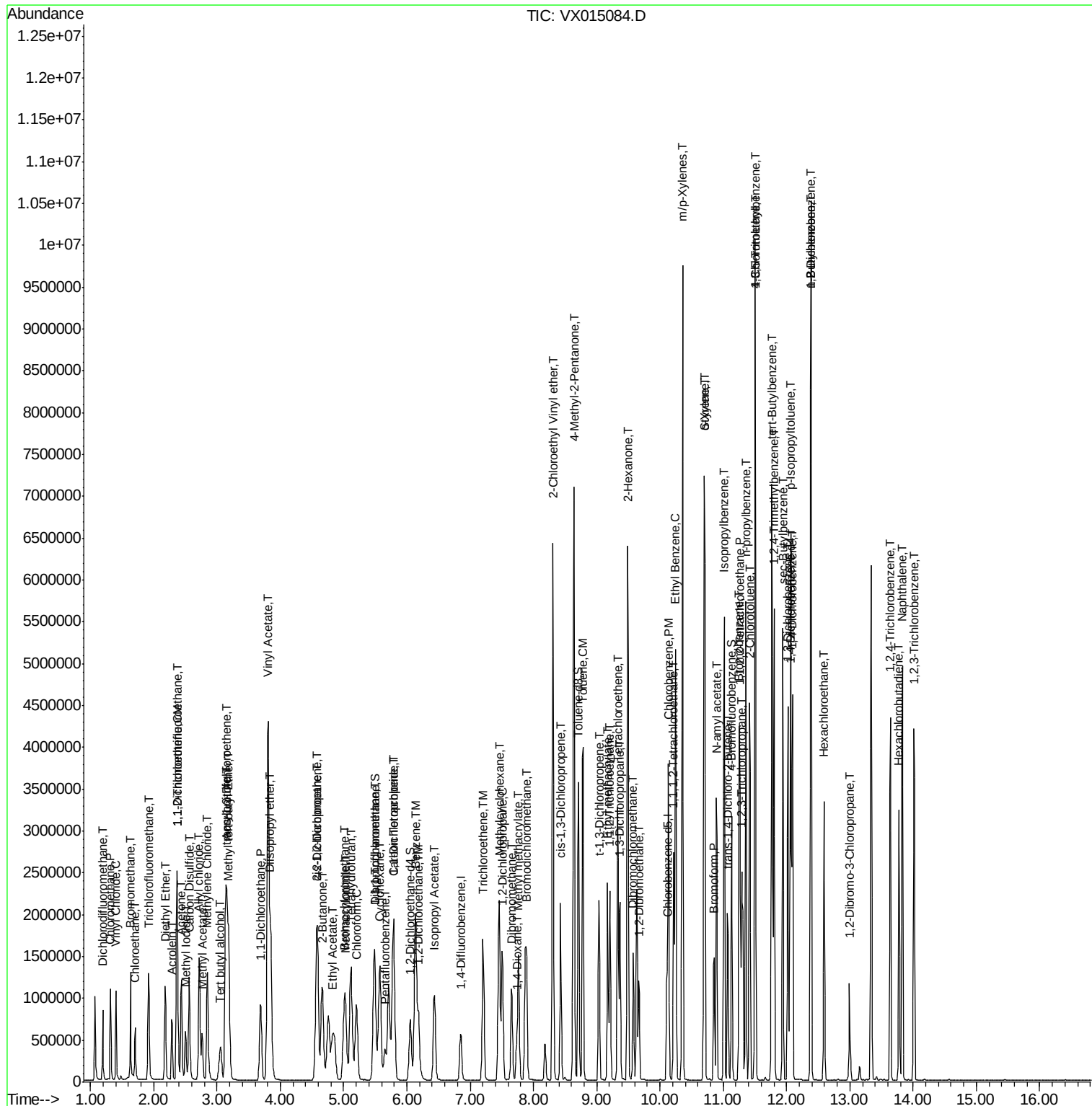
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

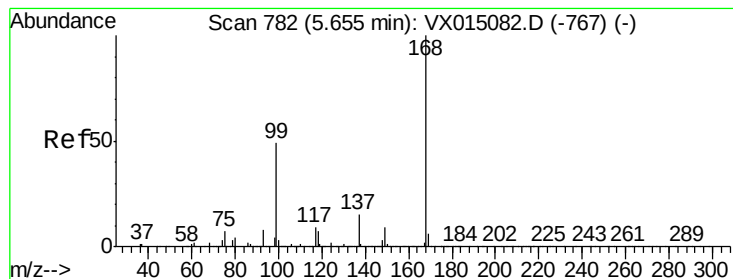
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1055722	162.93	ug/l	99
94) Hexachlorobutadiene	13.77	225	503386	151.40	ug/l	98
95) Naphthalene	13.83	128	3031079	171.14	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1040603	160.96	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

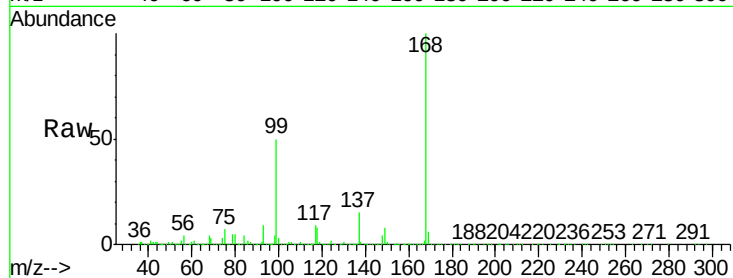
VSTDIC150

Tgt Ion:168 Resp: 377705

Ion Ratio Lower Upper

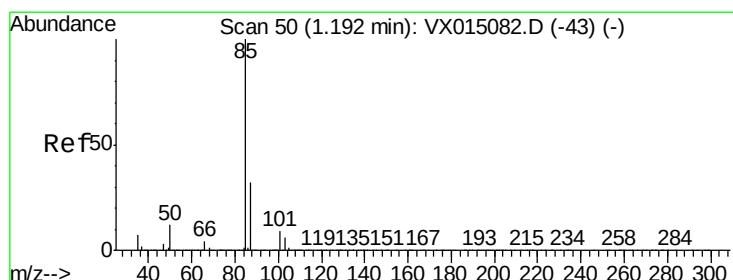
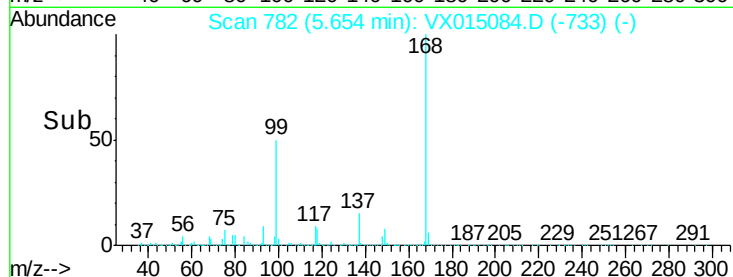
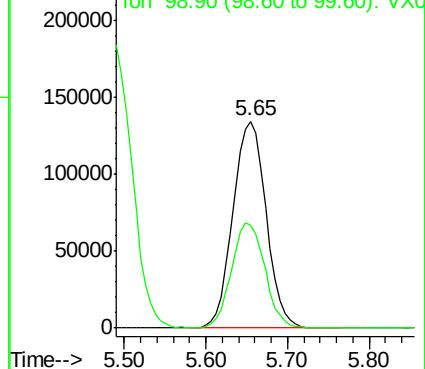
168 100

99 49.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 148.72 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015084.D

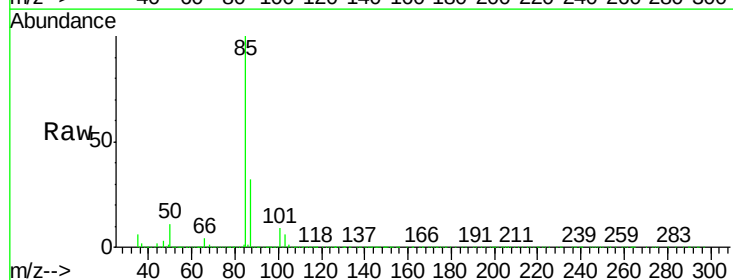
Acq: 04 Mar 2020 10:32

Tgt Ion: 85 Resp: 491899

Ion Ratio Lower Upper

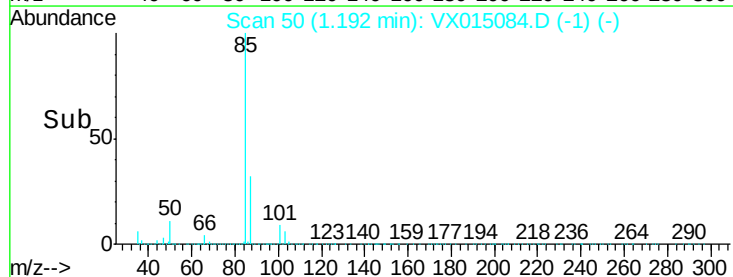
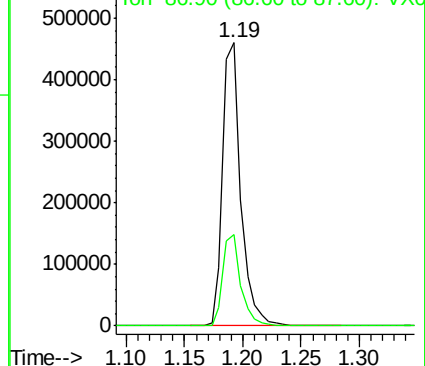
85 100

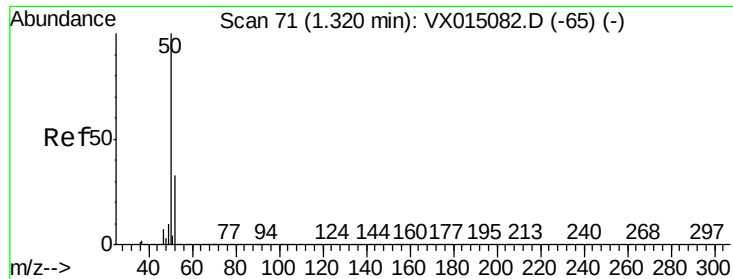
87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

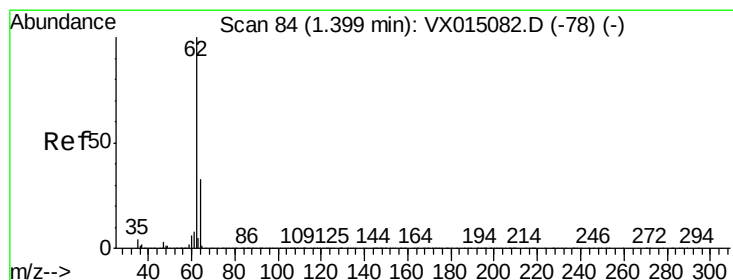
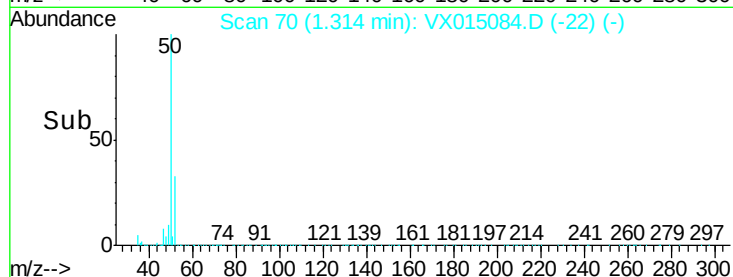
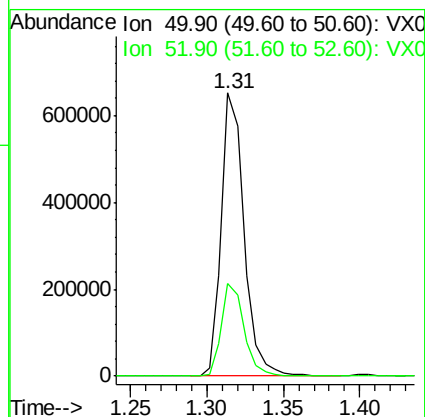
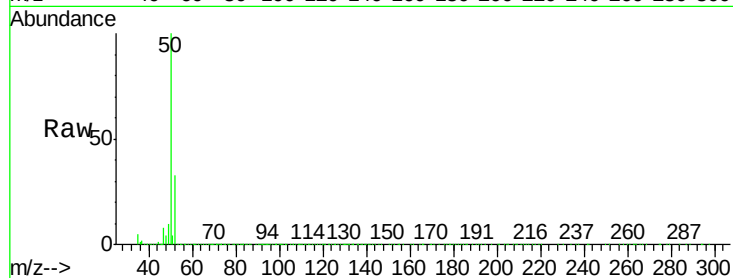




#3
Chloromethane
Concen: 144.21 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

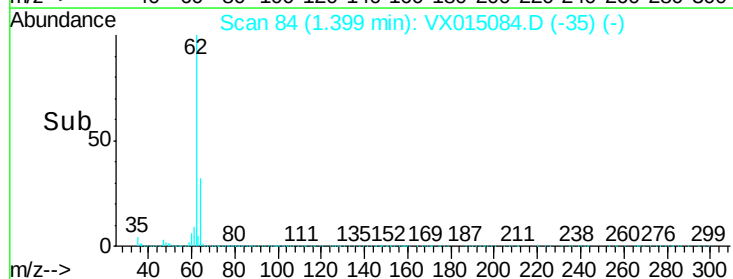
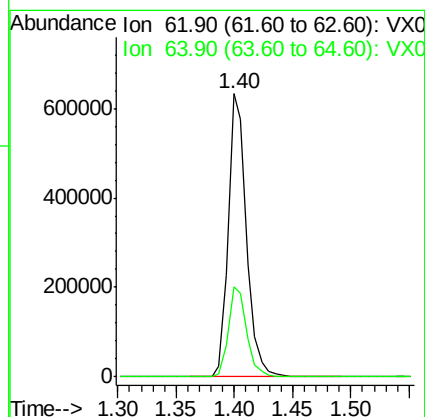
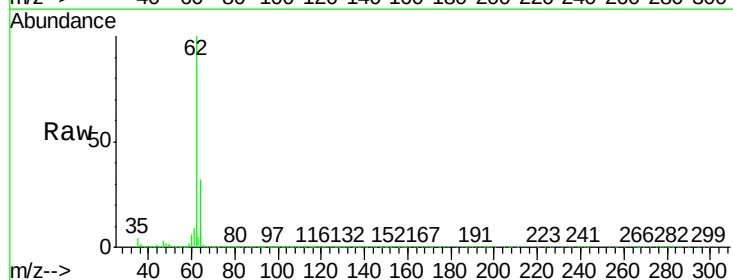
Instrument :
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ClientSampleId :
VSTDIC150

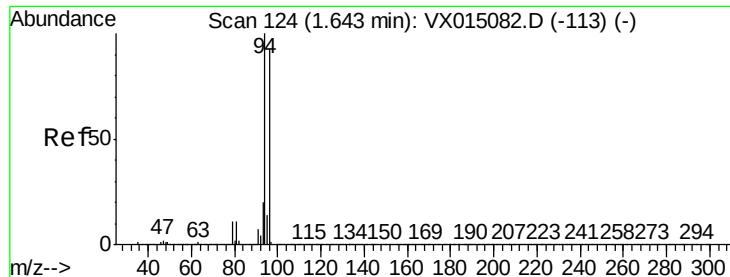
Tgt Ion: 50 Resp: 675615
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.2



#4
Vinyl Chloride
Concen: 143.29 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion: 62 Resp: 680733
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1





#5

Bromomethane

Concen: 148.08 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

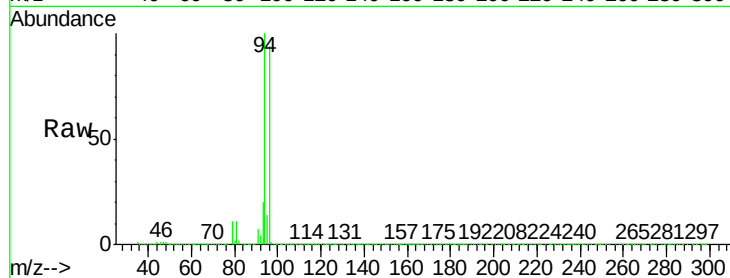
VSTDIC150

Tgt Ion: 94 Resp: 432496

Ion Ratio Lower Upper

94 100

96 93.9 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

500000

400000

300000

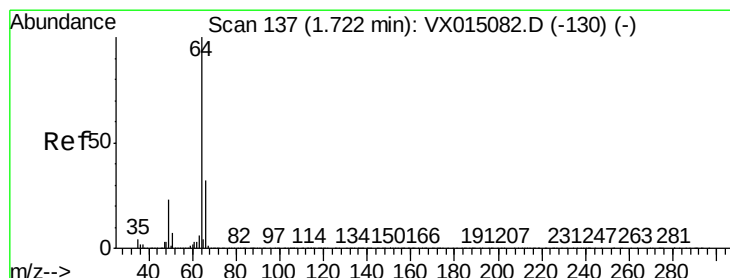
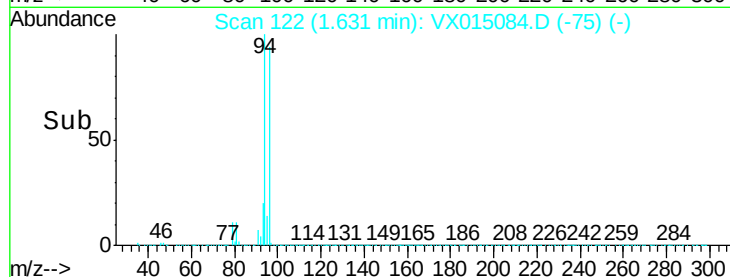
200000

100000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 141.52 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.02 min

Lab File: VX015084.D

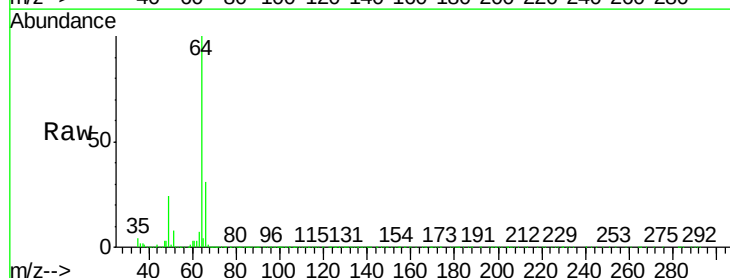
Acq: 04 Mar 2020 10:32

Tgt Ion: 64 Resp: 403304

Ion Ratio Lower Upper

64 100

66 31.4 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

300000

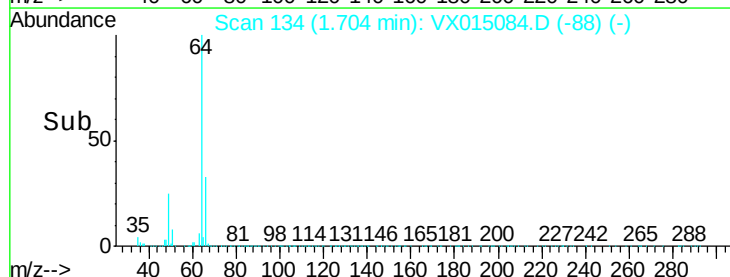
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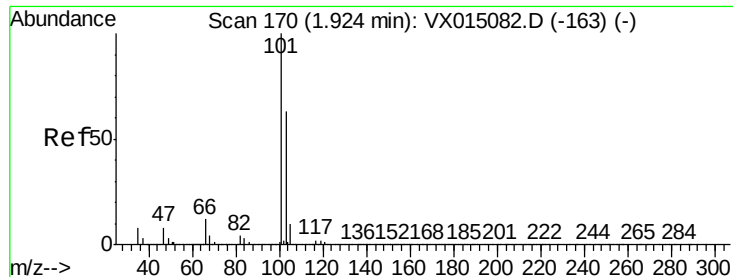
100000

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Time-->

1.60 1.65 1.70 1.75 1.80



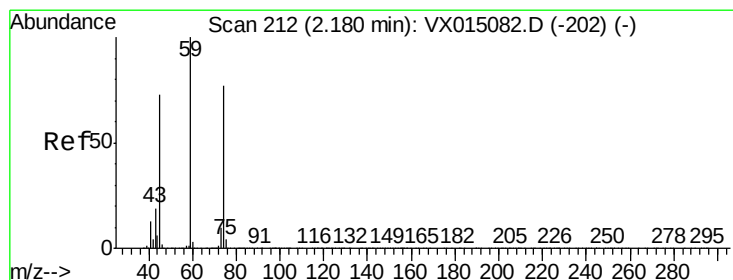
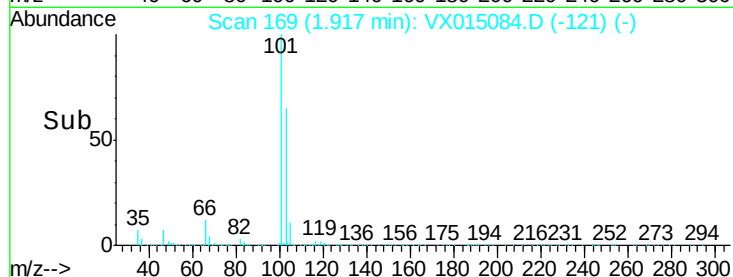
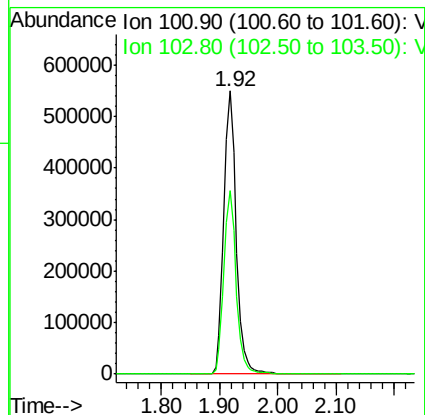
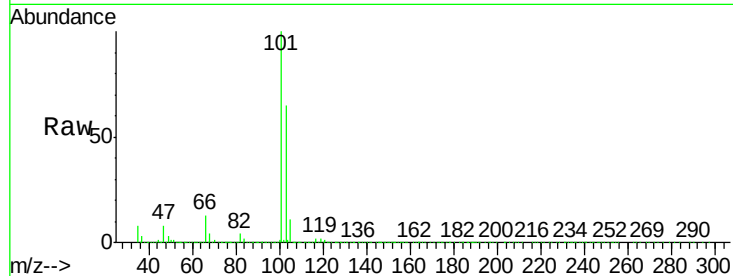


#7

Trichlorofluoromethane
Concen: 143.98 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

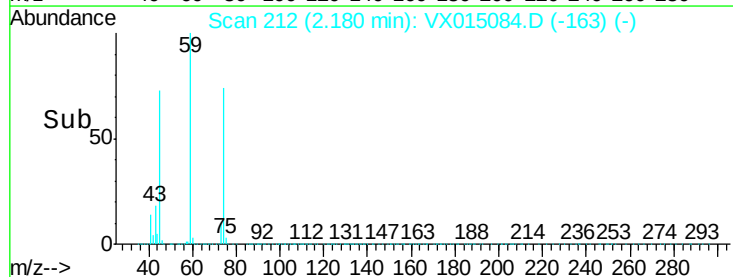
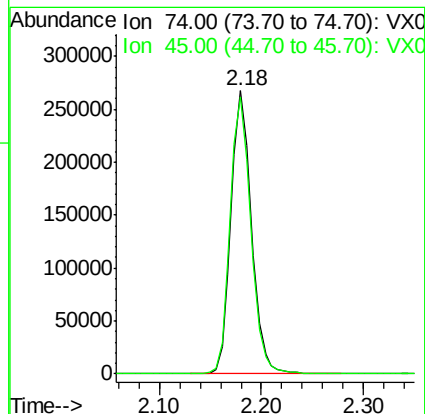
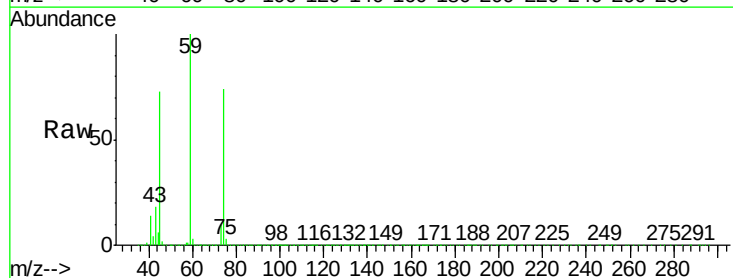
Tgt Ion:101 Resp: 813901
Ion Ratio Lower Upper
101 100
103 64.7 50.4 75.6

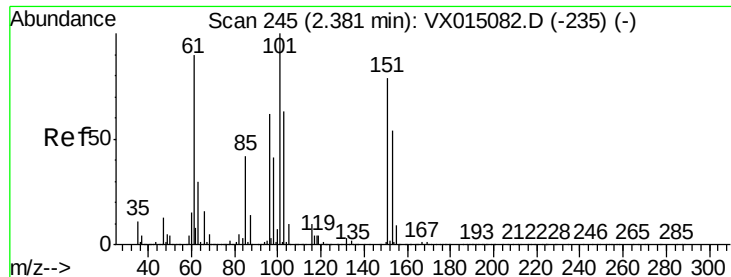


#8

Diethyl Ether
Concen: 143.64 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion: 74 Resp: 371667
Ion Ratio Lower Upper
74 100
45 99.1 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 141.28 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

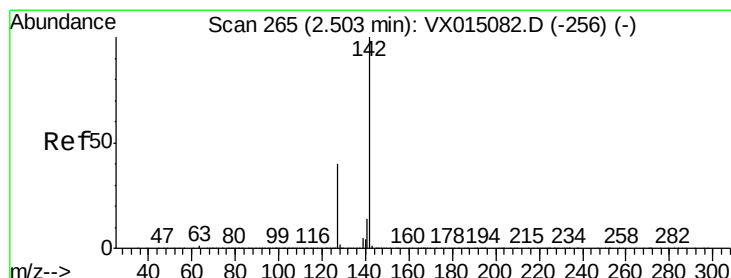
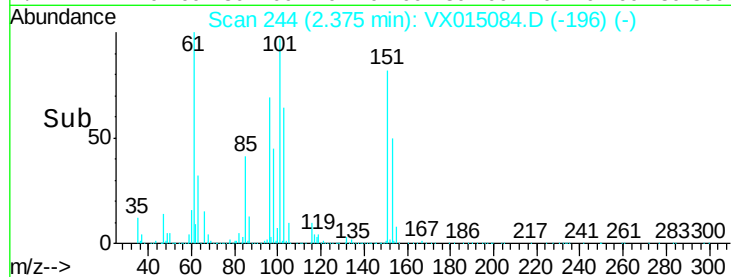
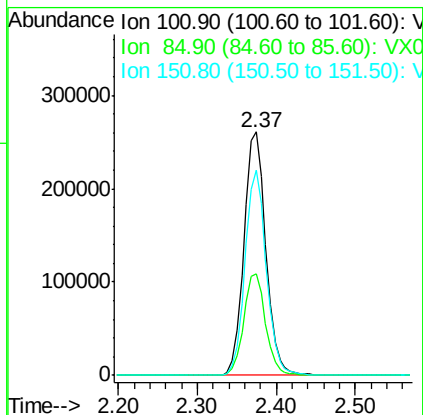
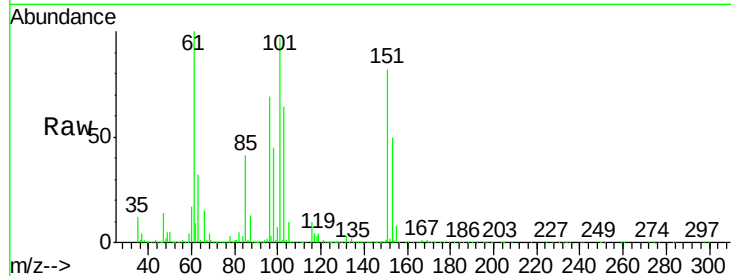
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:	101	Resp:	502457
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.7	50.5
151	82.3	64.0	96.0



#10

Methyl Iodide

Concen: 161.11 ug/l

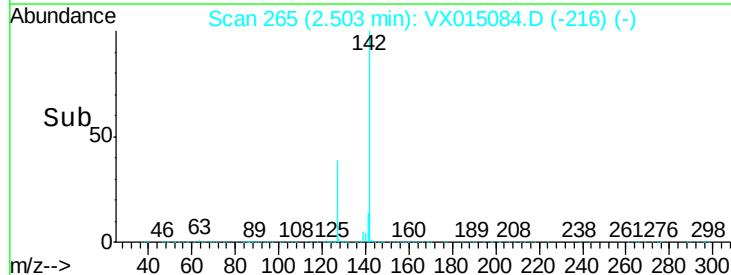
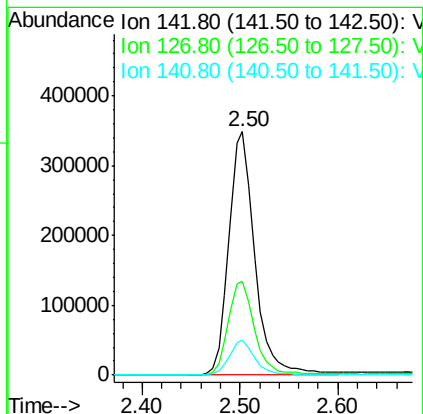
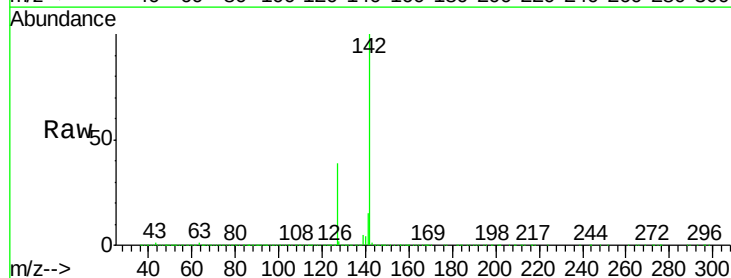
RT: 2.50 min Scan# 265

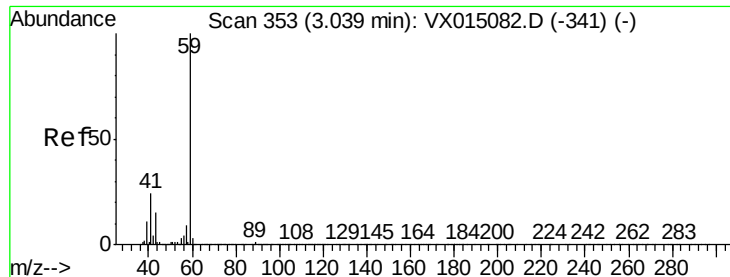
Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion:	142	Resp:	647364
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.7	47.5
141	14.3	11.3	16.9





#11

Tert butyl alcohol

Concen: 802.56 ug/l

RT: 3.06 min Scan# 356

Delta R.T. 0.02 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

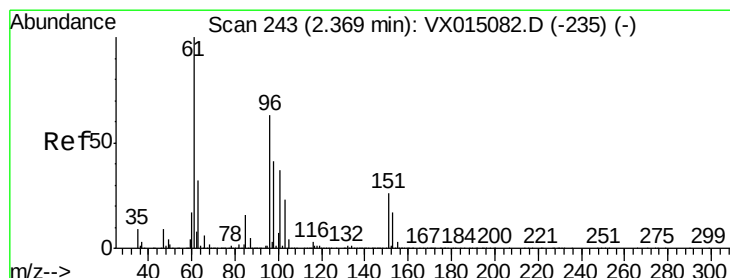
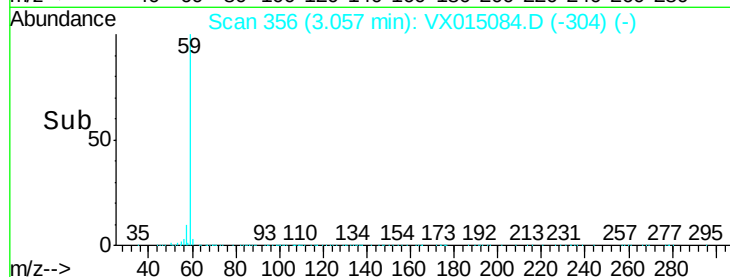
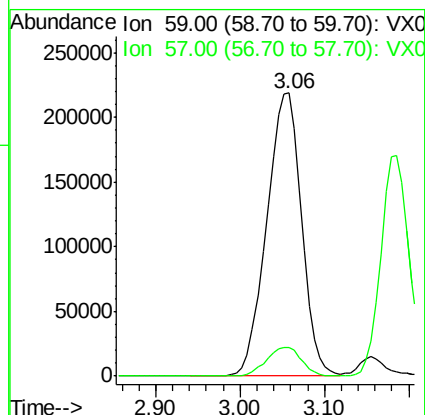
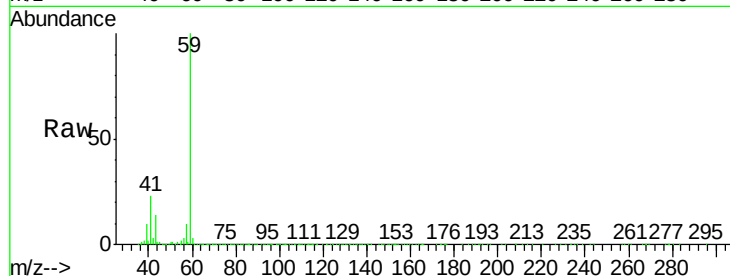
VSTDIC150

Tgt Ion: 59 Resp: 623947

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.4



#12

1,1-Dichloroethene

Concen: 144.16 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

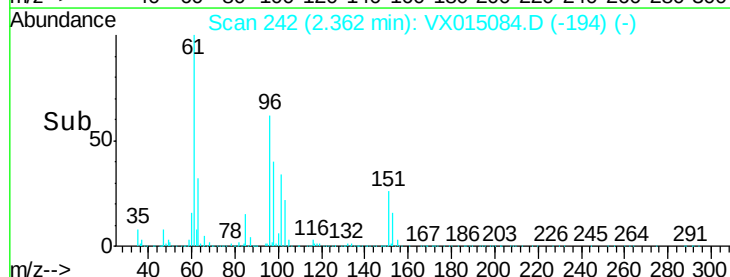
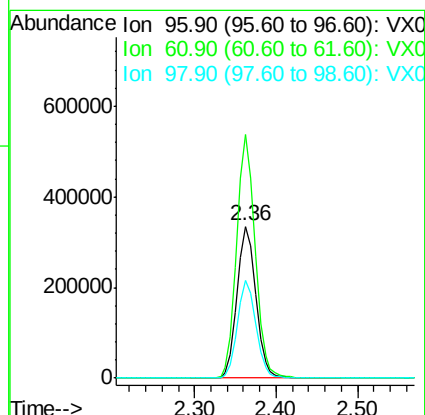
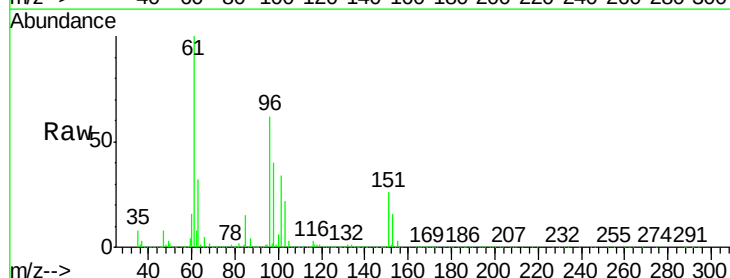
Tgt Ion: 96 Resp: 529129

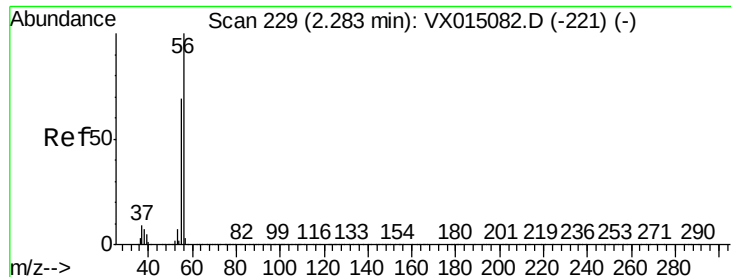
Ion Ratio Lower Upper

96 100

61 160.5 126.2 189.4

98 64.7 51.4 77.0

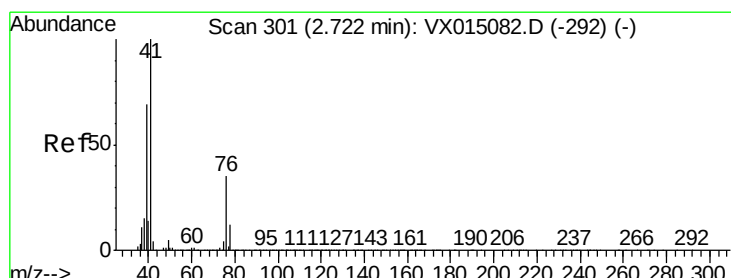
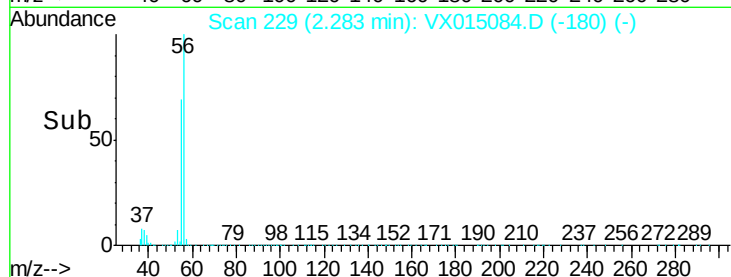
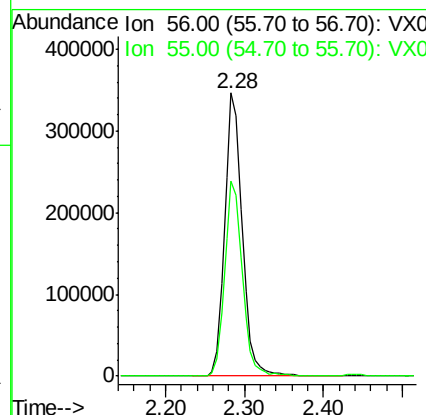
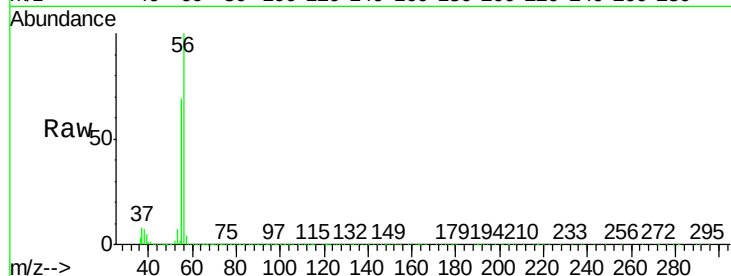




#13
Acrolein
Concen: 735.39 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

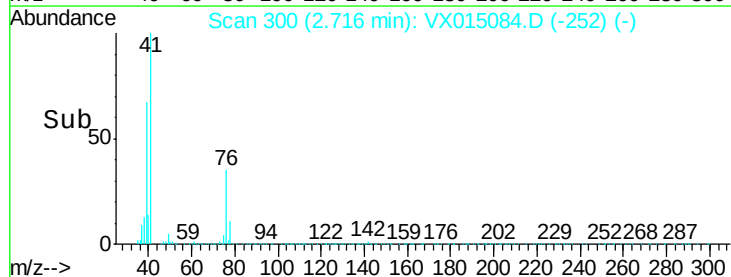
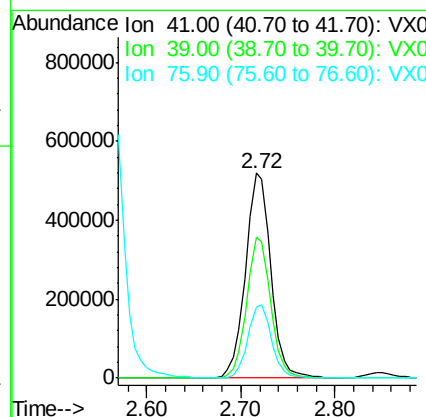
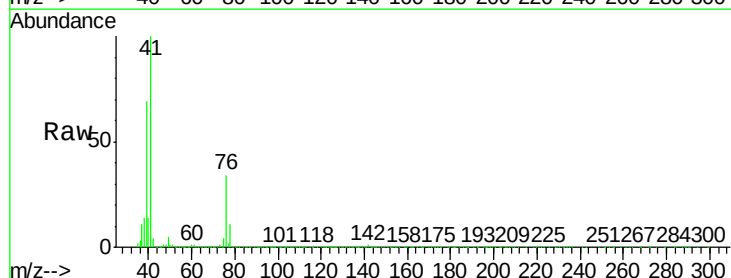
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

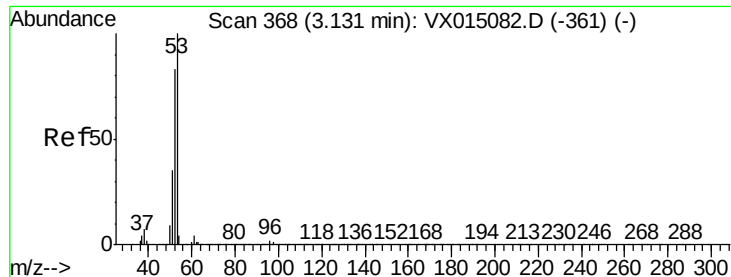
Tgt Ion: 56 Resp: 537290
Ion Ratio Lower Upper
56 100
55 69.3 55.4 83.0



#14
Allyl chloride
Concen: 153.54 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion: 41 Resp: 982640
Ion Ratio Lower Upper
41 100
39 64.9 52.9 79.3
76 33.1 26.8 40.2





#15

Acrylonitrile

Concen: 777.83 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

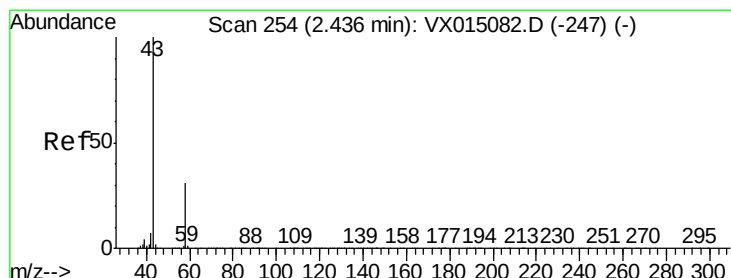
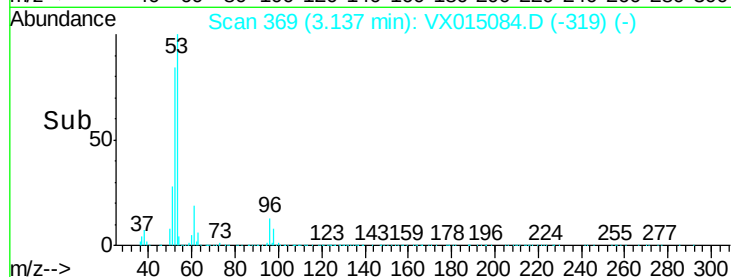
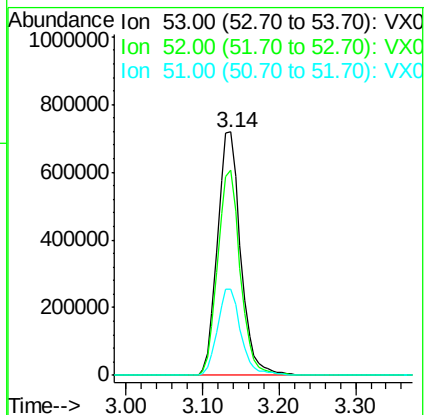
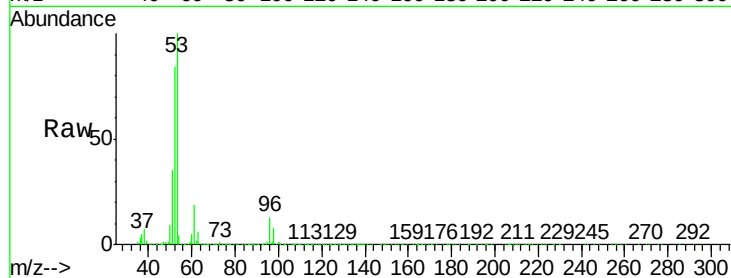
Tgt Ion: 53 Resp: 1505999

Ion Ratio Lower Upper

53 100

52 82.6 66.6 100.0

51 35.7 29.0 43.6



#16

Acetone

Concen: 695.97 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015084.D

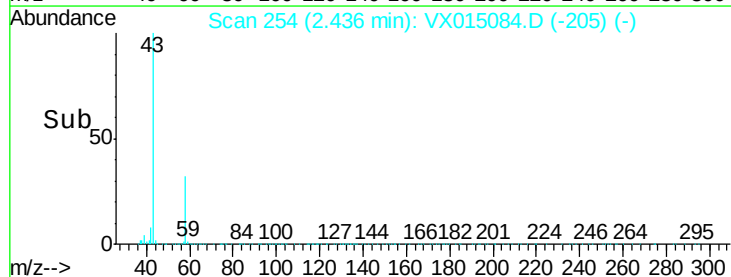
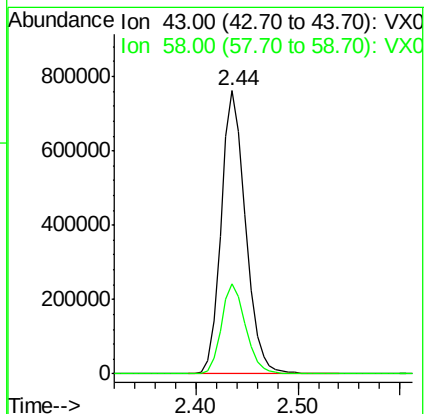
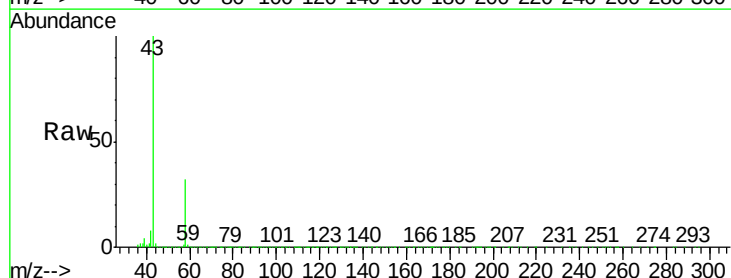
Acq: 04 Mar 2020 10:32

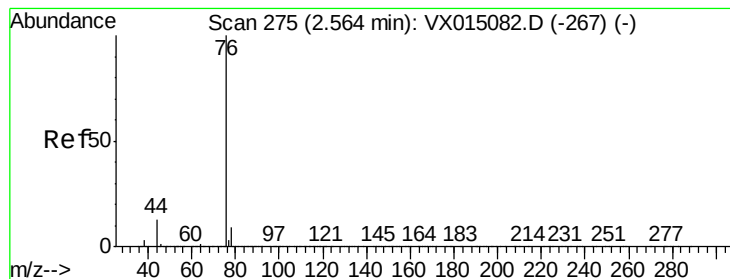
Tgt Ion: 43 Resp: 1262993

Ion Ratio Lower Upper

43 100

58 31.7 24.8 37.2





#17

Carbon Disulfide

Concen: 153.33 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

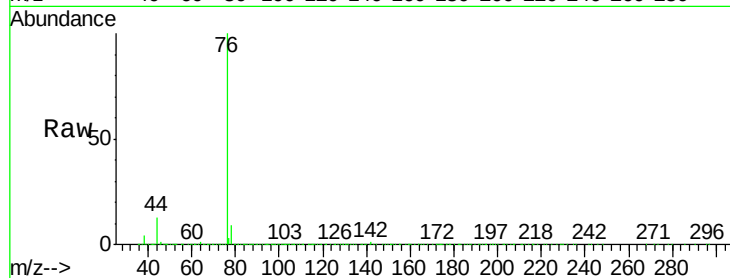
VSTDICC150

Tgt Ion: 76 Resp: 1562932

Ion Ratio Lower Upper

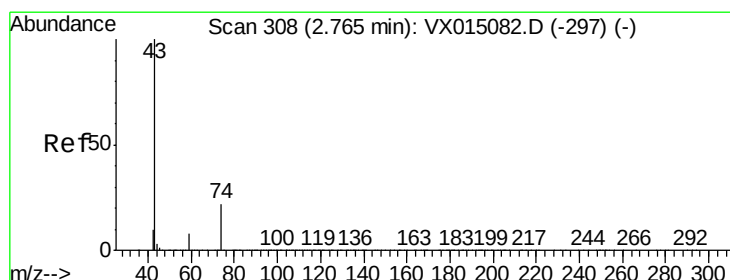
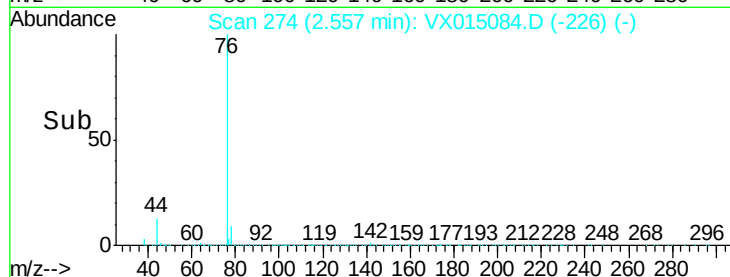
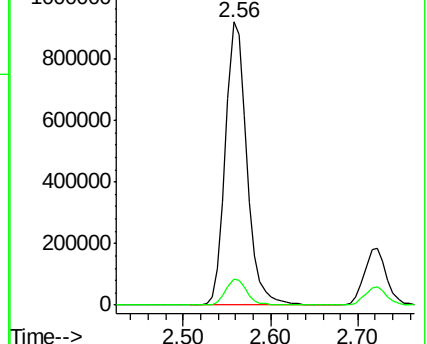
76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 144.41 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015084.D

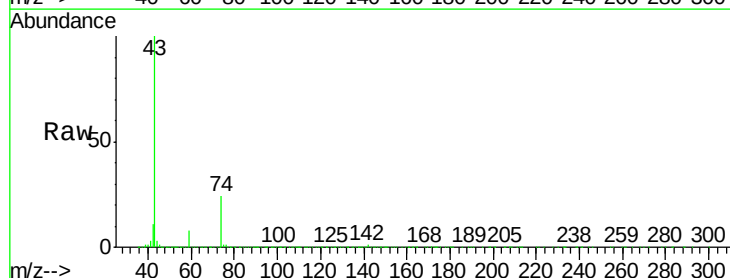
Acq: 04 Mar 2020 10:32

Tgt Ion: 43 Resp: 640802

Ion Ratio Lower Upper

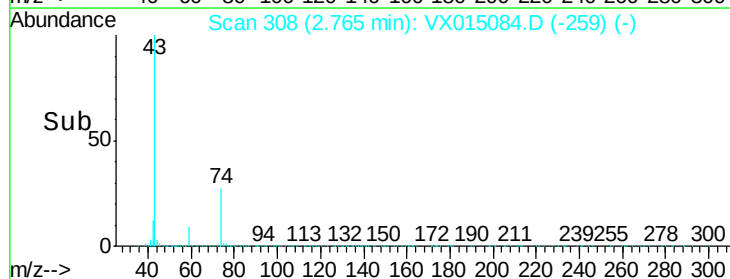
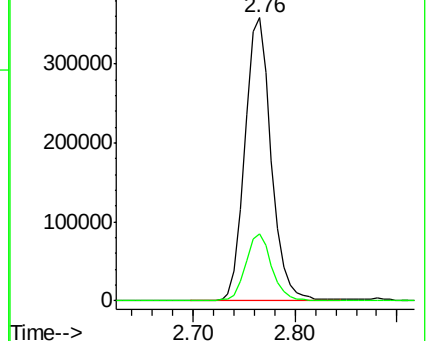
43 100

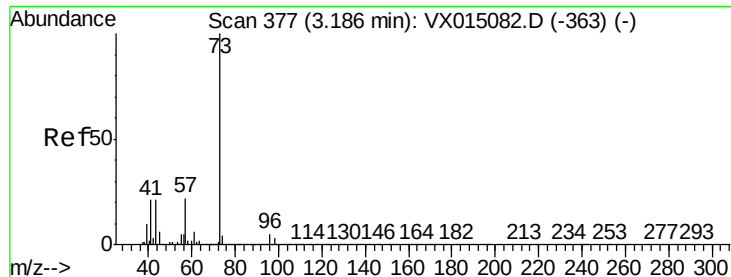
74 23.8 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 155.27 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

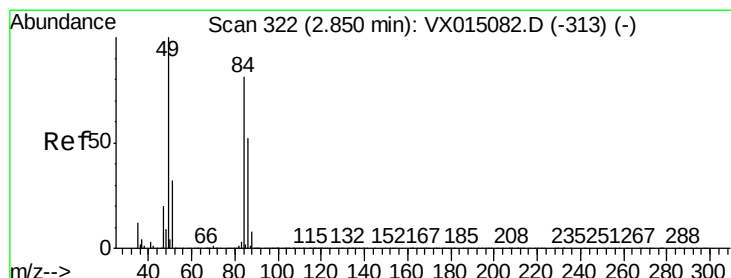
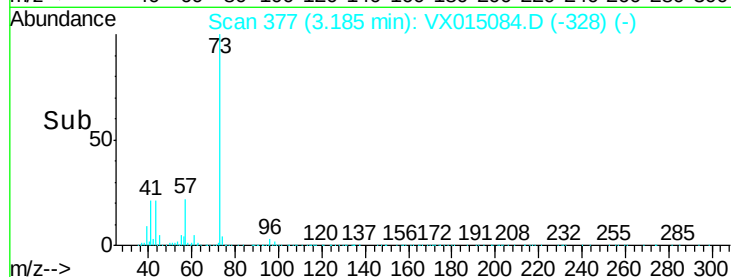
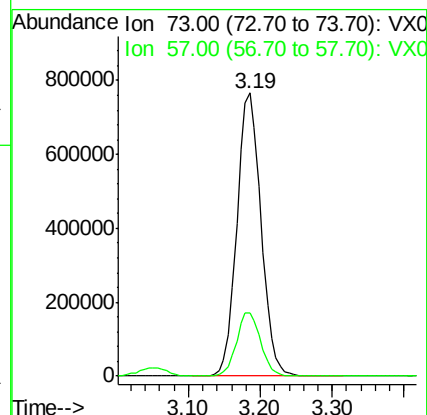
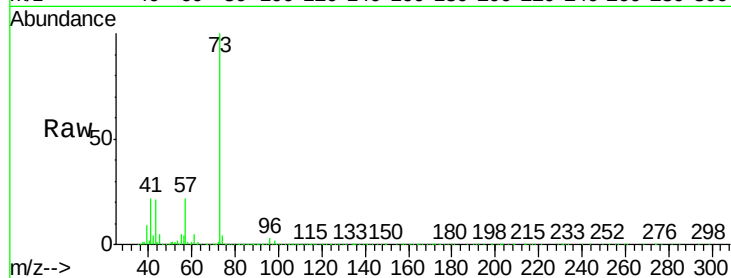
VSTDIC150

Tgt Ion: 73 Resp: 1780861

Ion Ratio Lower Upper

73 100

57 22.3 17.8 26.6



#20

Methylene Chloride

Concen: 141.47 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion: 84 Resp: 600802

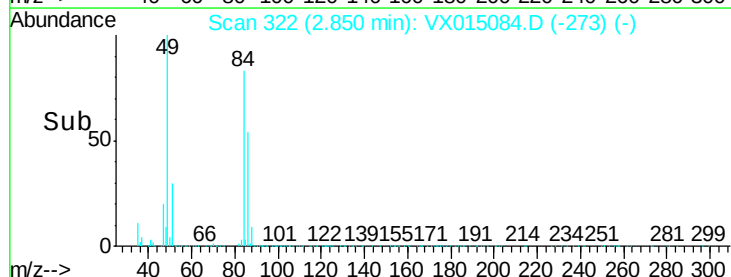
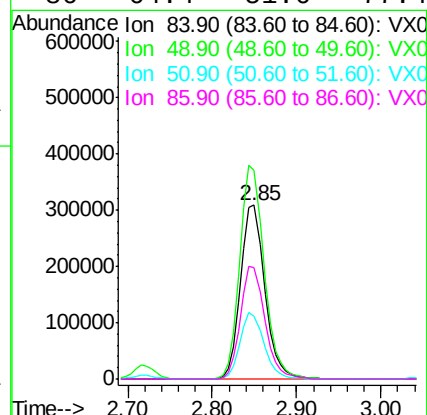
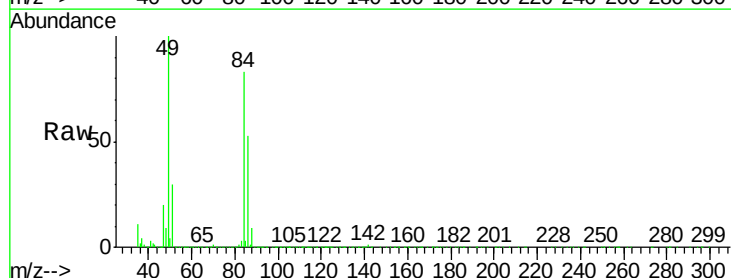
Ion Ratio Lower Upper

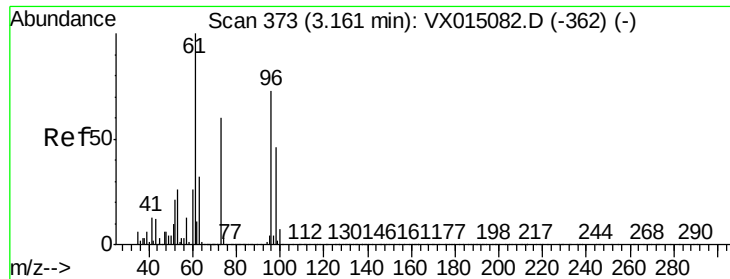
84 100

49 120.4 99.4 149.2

51 36.1 31.5 47.3

86 64.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 150.05 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

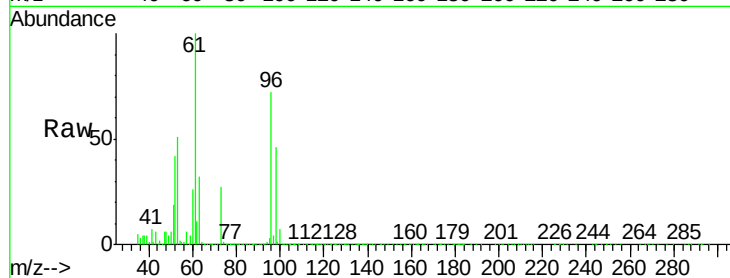
Tgt Ion: 96 Resp: 588060

Ion Ratio Lower Upper

96 100

61 139.6 109.9 164.9

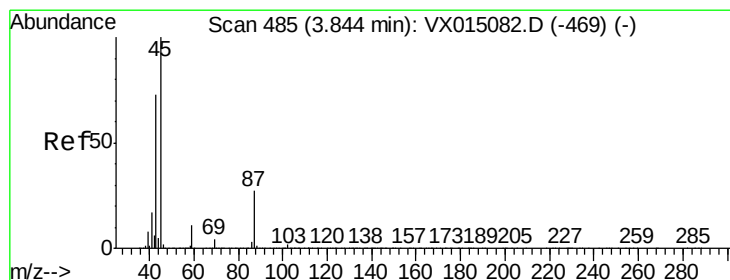
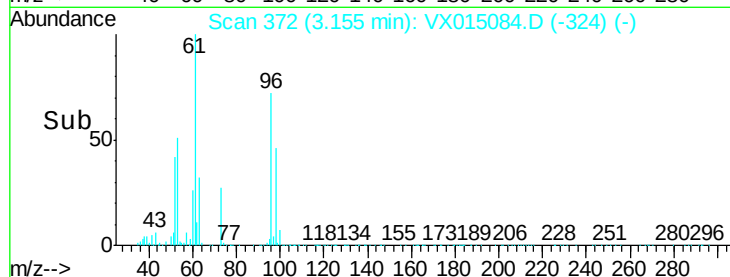
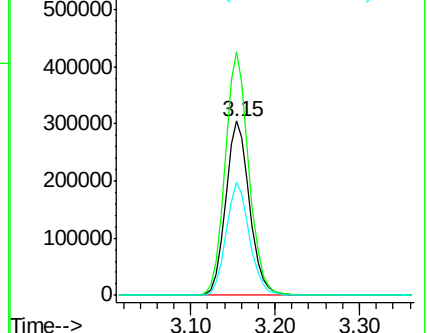
98 64.5 50.2 75.2



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: 152.32 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion: 45 Resp: 1942201

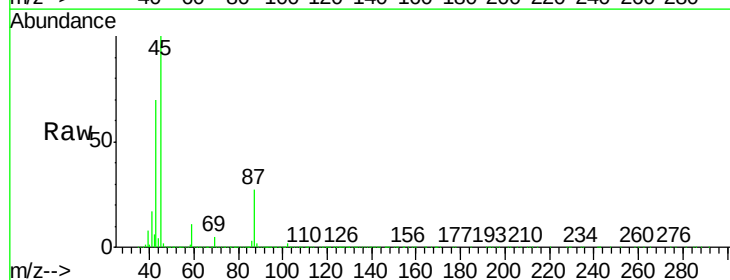
Ion Ratio Lower Upper

45 100

43 70.2 58.2 87.2

87 26.6 21.2 31.8

59 11.4 8.9 13.3

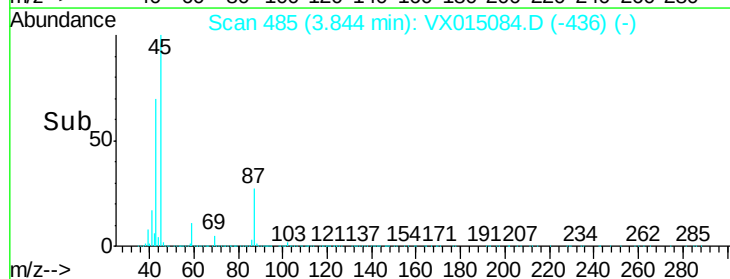
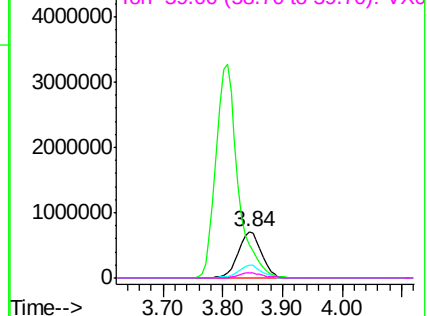


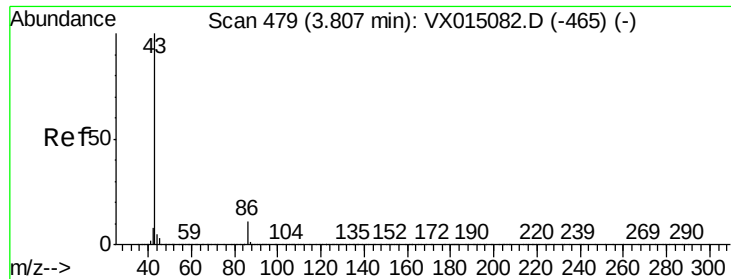
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 801.66 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

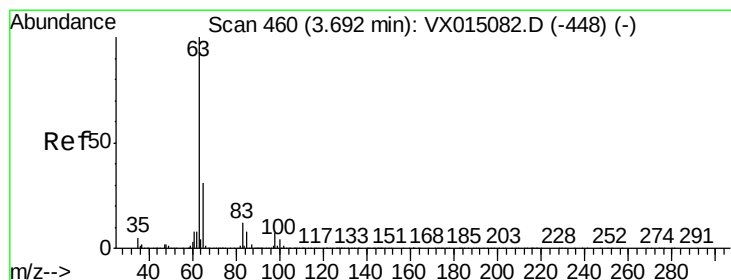
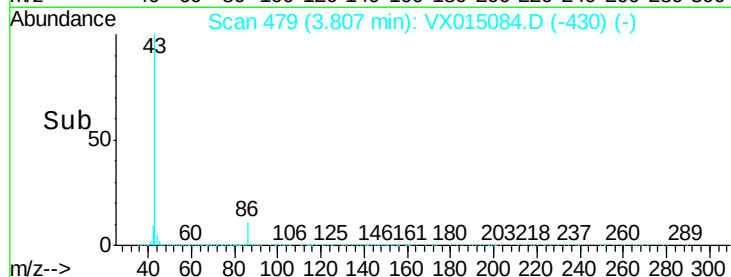
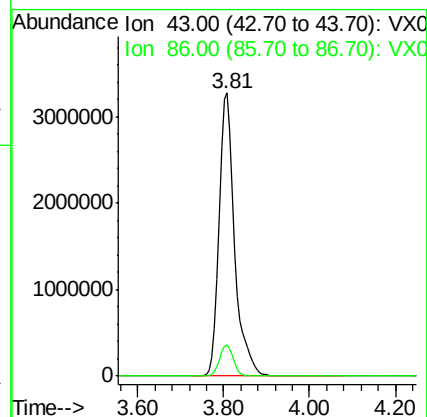
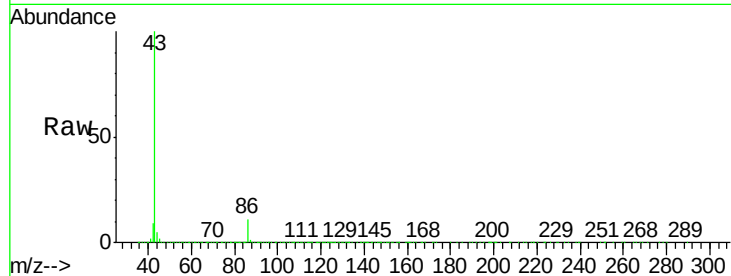
VSTDIC150

Tgt Ion: 43 Resp: 8402521

Ion Ratio Lower Upper

43 100

86 10.9 8.6 12.8



#24

1,1-Dichloroethane

Concen: 150.07 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

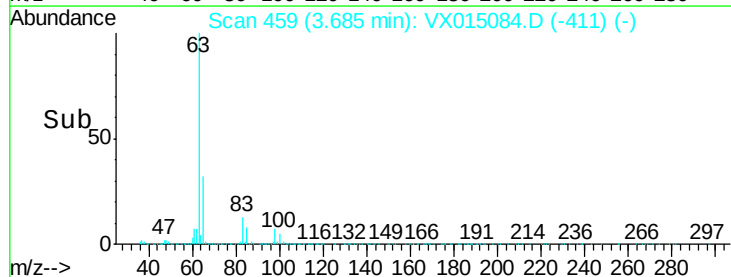
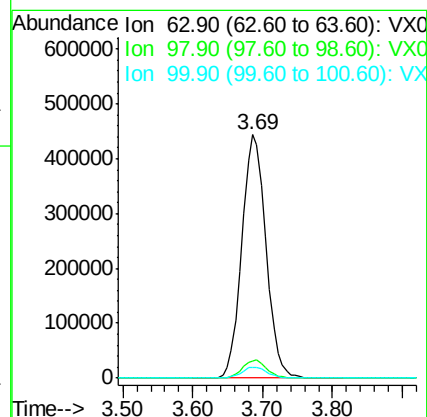
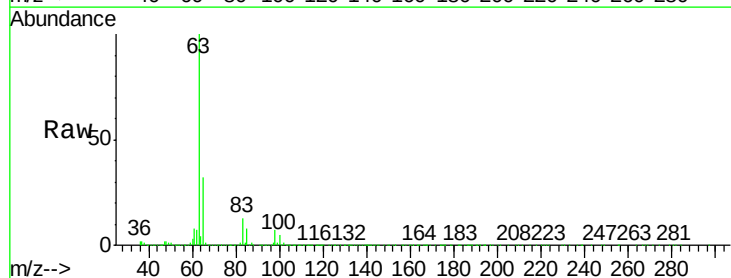
Tgt Ion: 63 Resp: 1061989

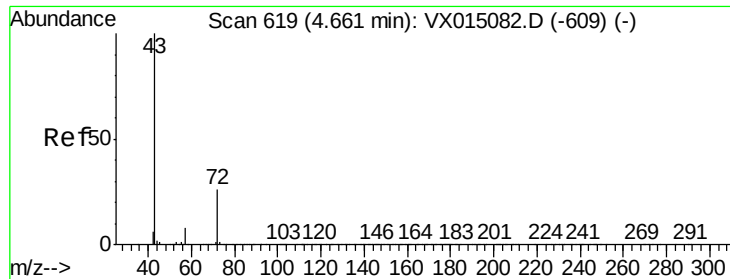
Ion Ratio Lower Upper

63 100

98 7.0 3.7 11.1

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 776.06 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

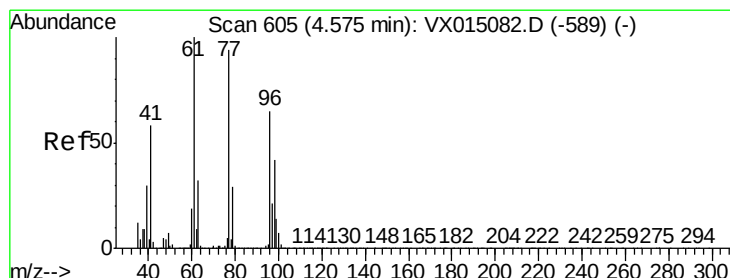
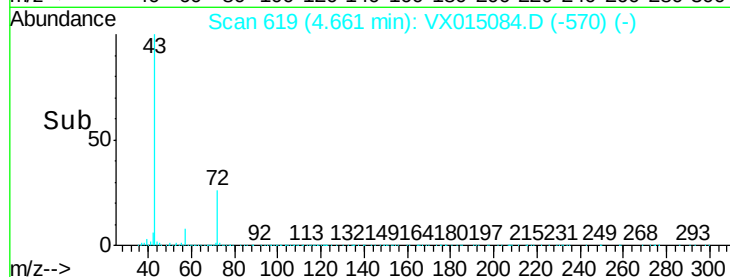
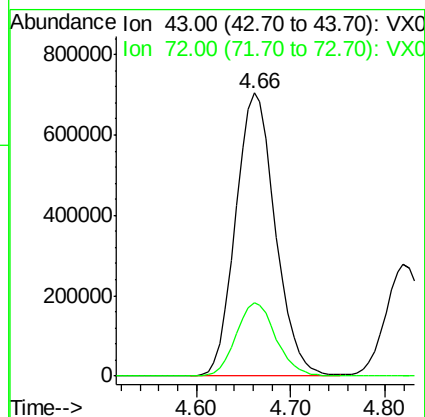
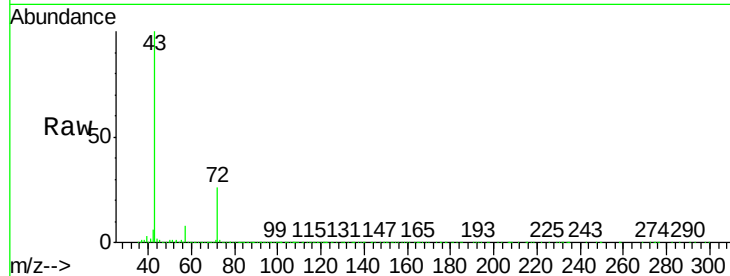
VSTDIC150

Tgt Ion: 43 Resp: 2061801

Ion Ratio Lower Upper

43 100

72 25.9 20.6 30.8



#26

2,2-Dichloropropane

Concen: 151.87 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015084.D

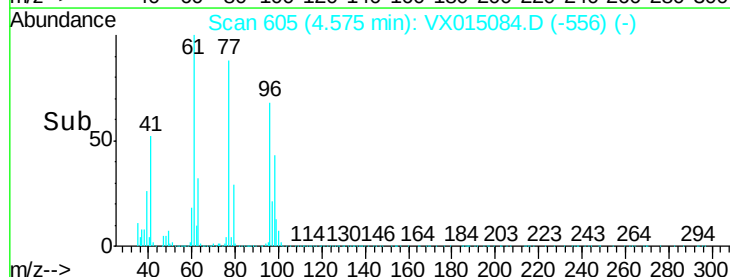
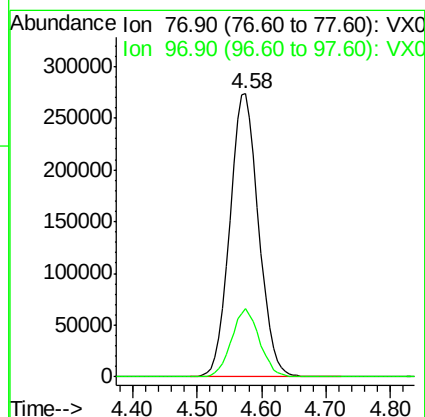
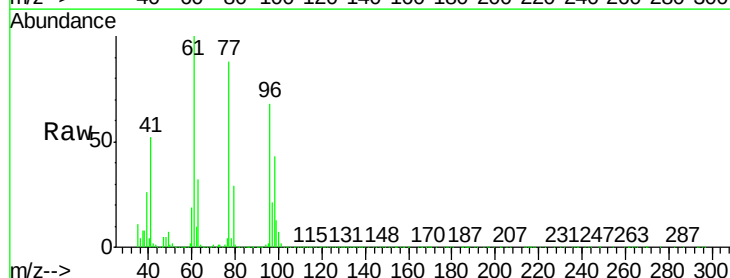
Acq: 04 Mar 2020 10:32

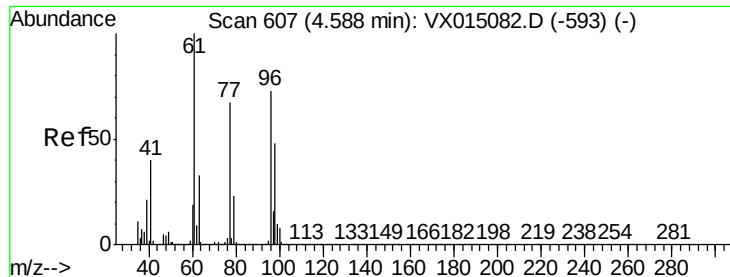
Tgt Ion: 77 Resp: 853218

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.4



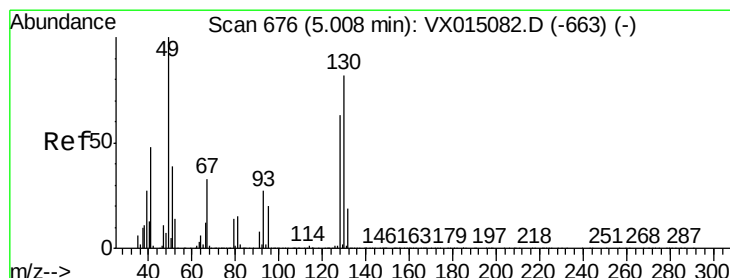
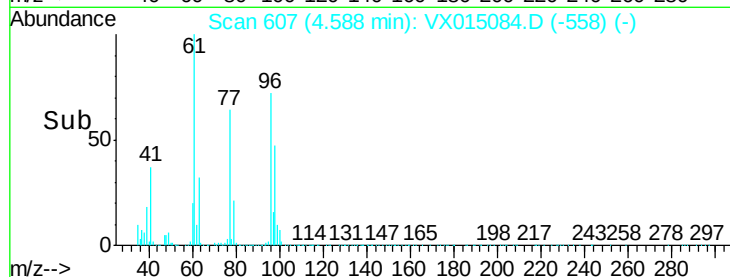
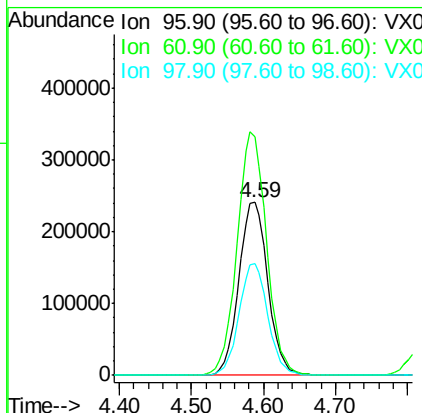
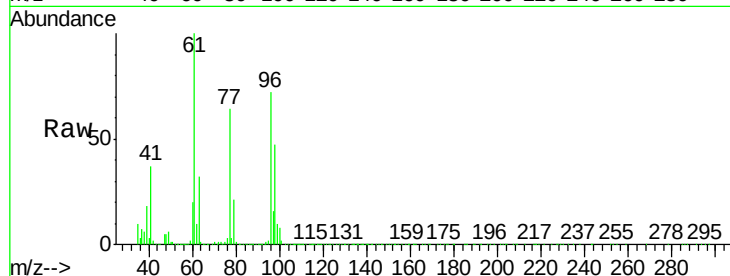


#27

cis-1,2-Dichloroethene
Concen: 152.76 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

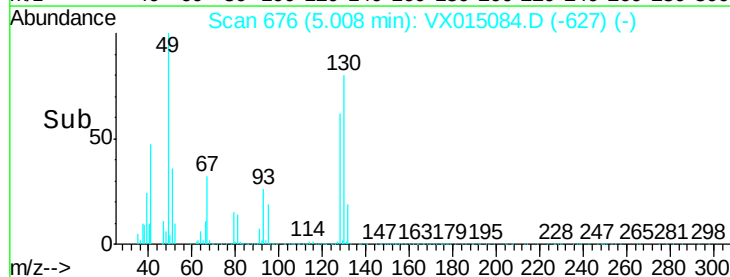
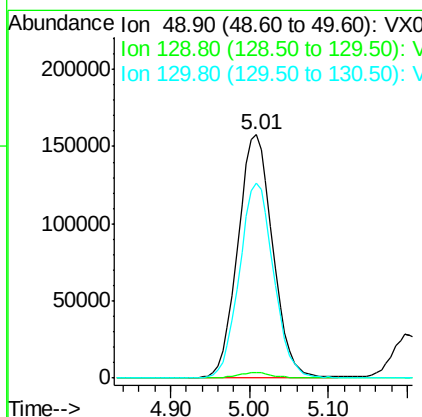
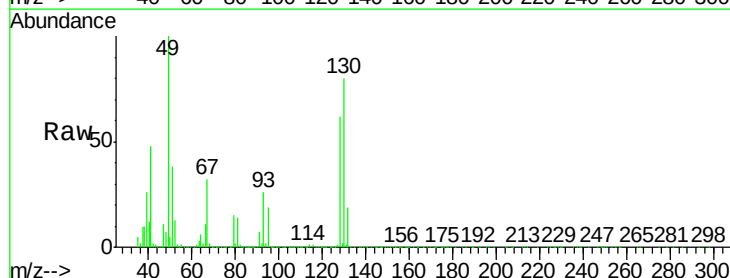
Tgt Ion: 96 Resp: 671672
Ion Ratio Lower Upper
96 100
61 143.2 0.0 286.8
98 64.4 0.0 128.4

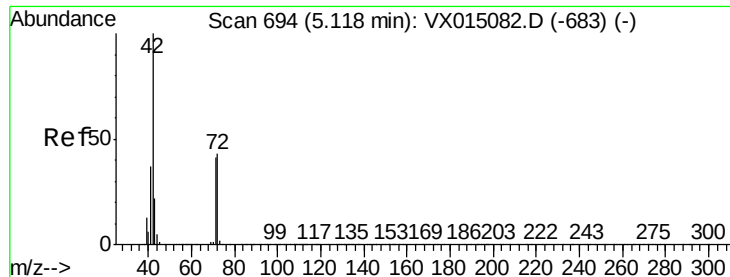


#28

Bromochloromethane
Concen: 150.01 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion: 49 Resp: 483406
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.4
130 79.1 65.0 97.6





#29

Tetrahydrofuran

Concen: 765.26 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

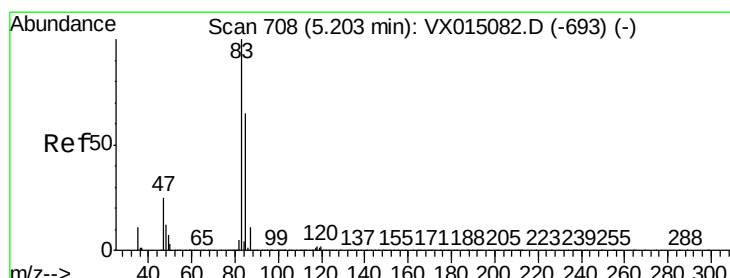
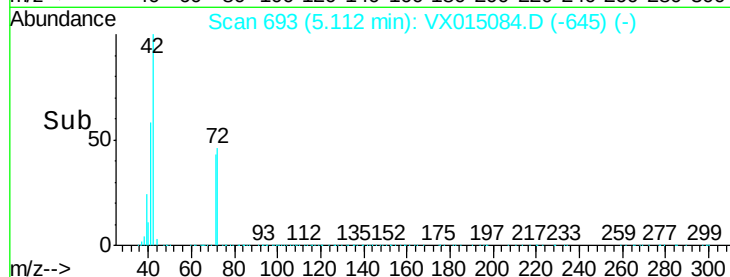
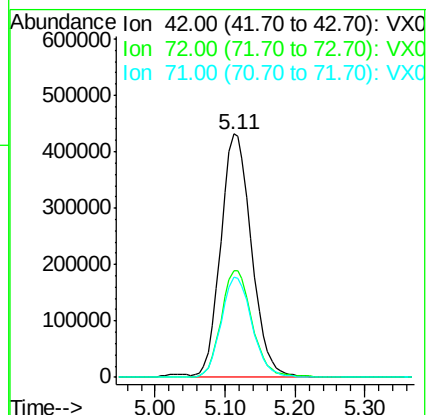
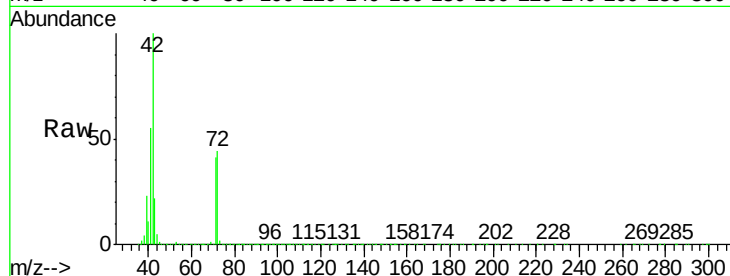
Tgt Ion: 42 Resp: 1310556

Ion Ratio Lower Upper

42 100

72 44.6 36.4 54.6

71 41.5 33.3 49.9



#30

Chloroform

Concen: 147.17 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX015084.D

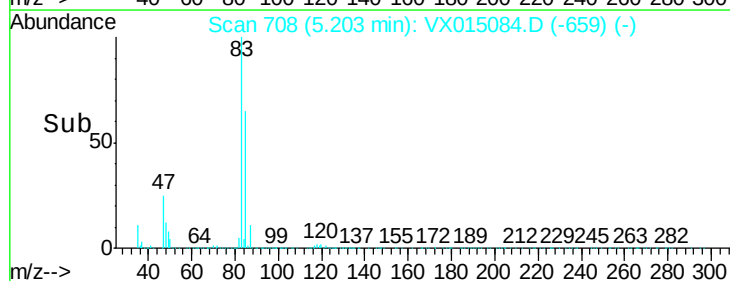
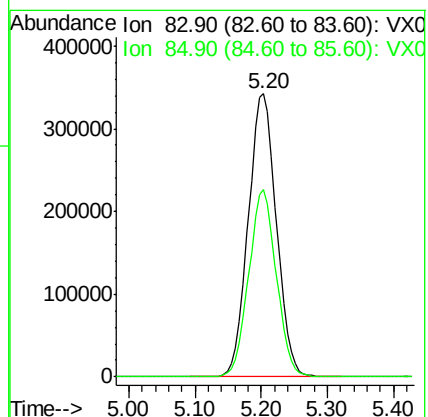
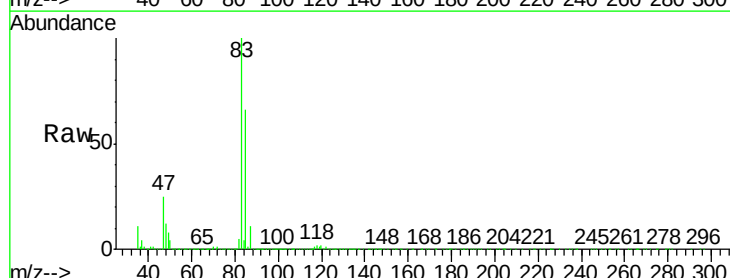
Acq: 04 Mar 2020 10:32

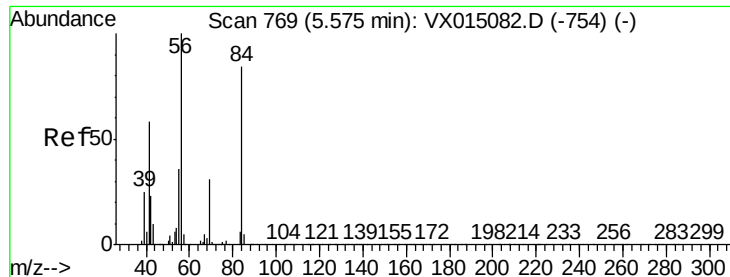
Tgt Ion: 83 Resp: 1015081

Ion Ratio Lower Upper

83 100

85 66.0 52.0 78.0

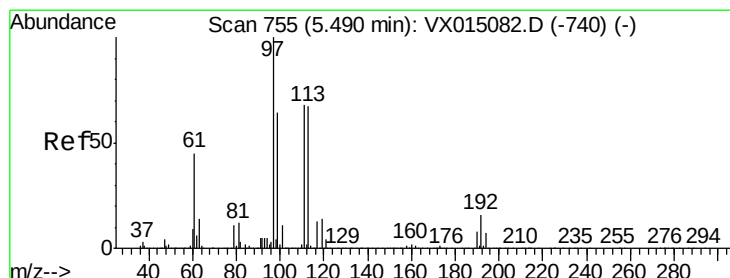
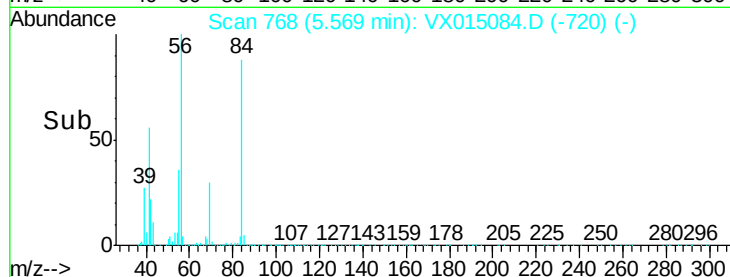
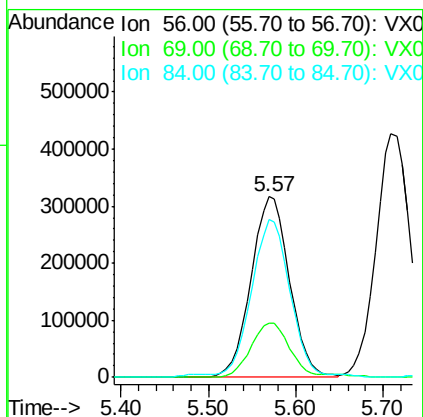
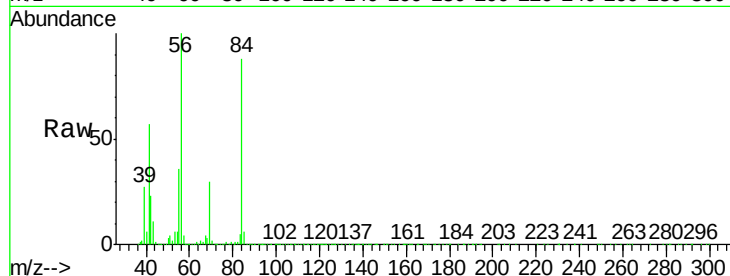




#31
Cyclohexane
Concen: 153.12 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

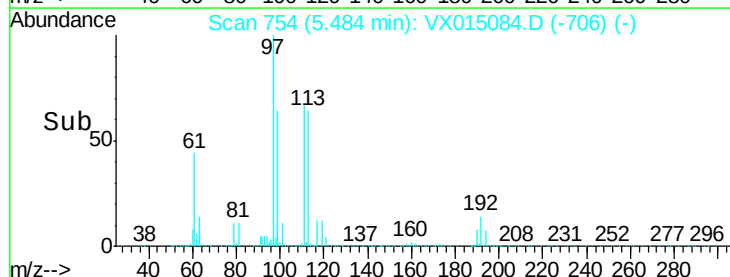
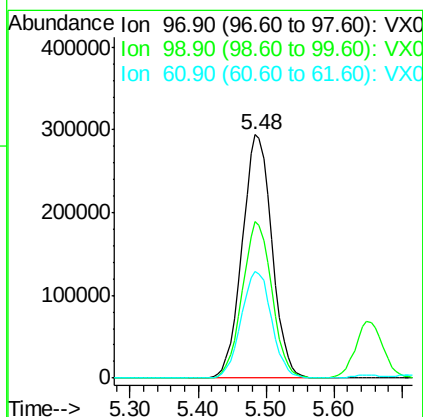
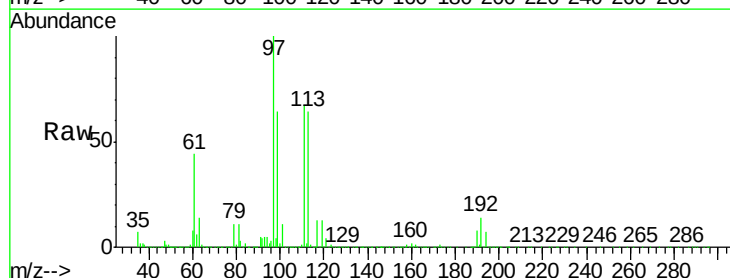
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

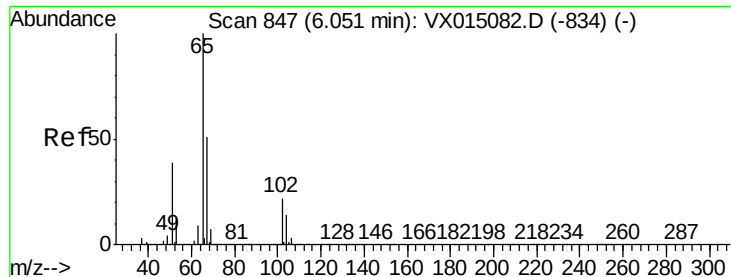
Tgt Ion: 56 Resp: 966545
Ion Ratio Lower Upper
56 100
69 30.3 25.0 37.6
84 86.3 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 156.63 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion: 97 Resp: 895529
Ion Ratio Lower Upper
97 100
99 63.7 52.8 79.2
61 44.7 36.6 54.8

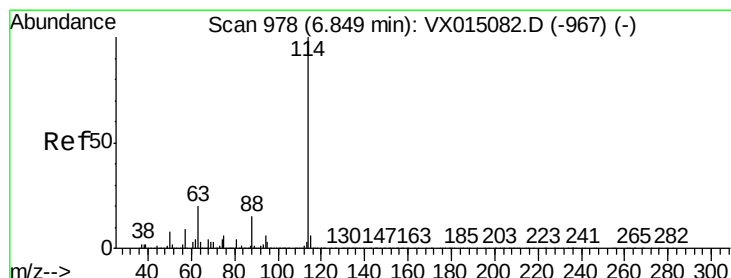
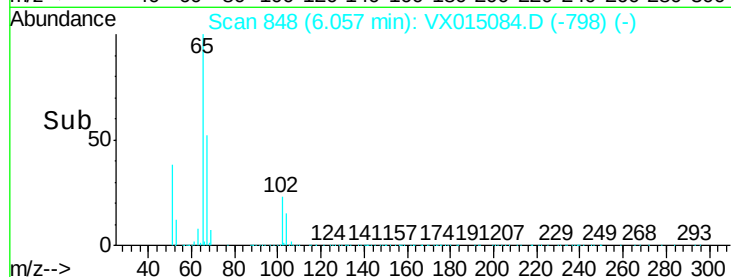
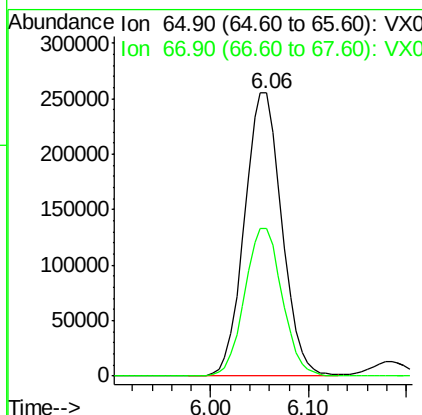
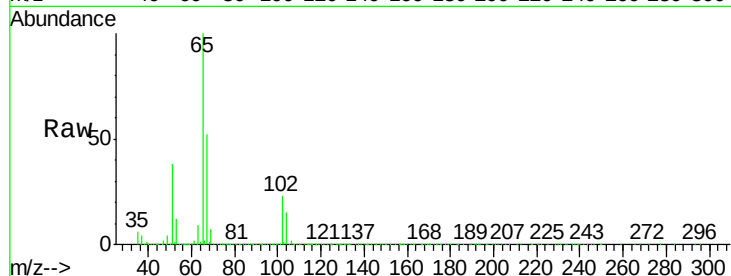




#33
 1,2-Dichloroethane-d4
 Concen: 150.58 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

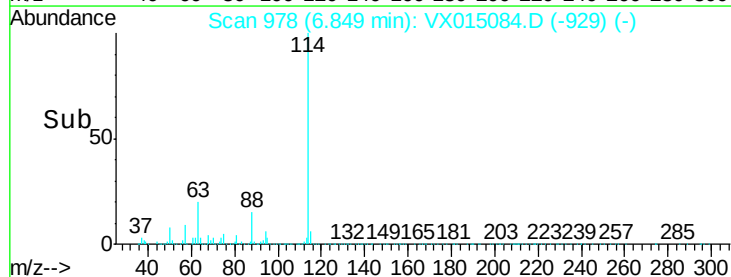
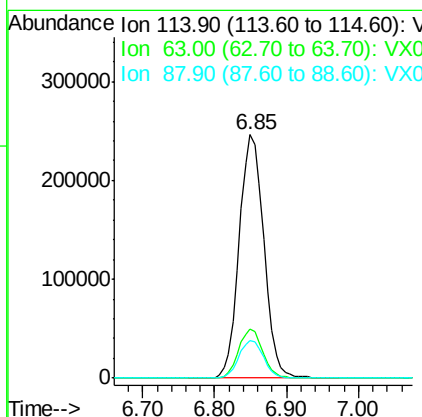
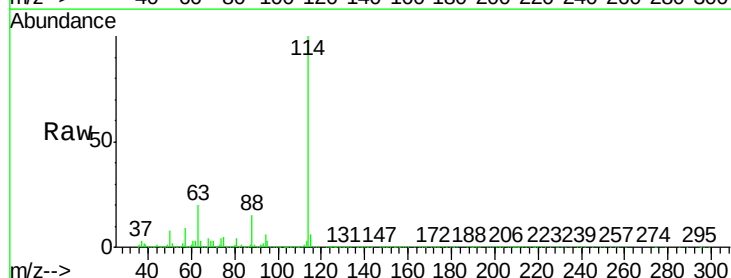
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

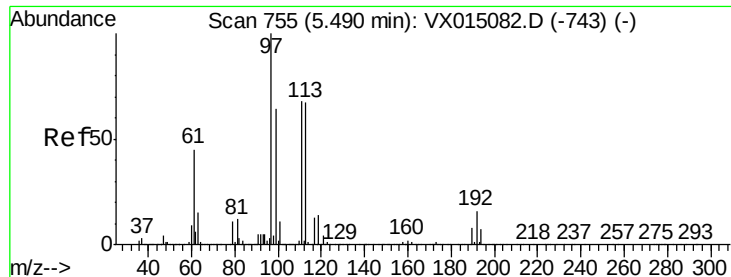
Tgt Ion: 65 Resp: 674728
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

Tgt Ion: 114 Resp: 585998
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 151.42 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampled :

VSTDICC150

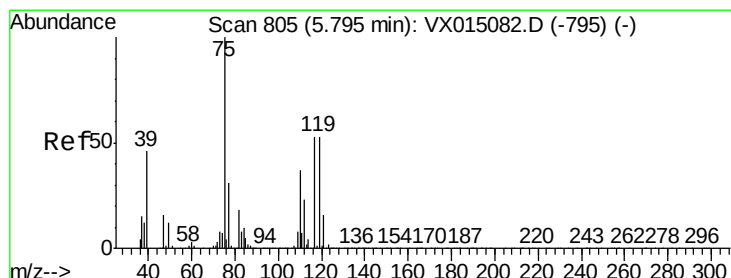
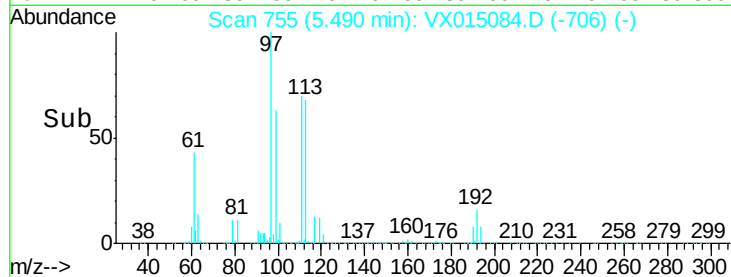
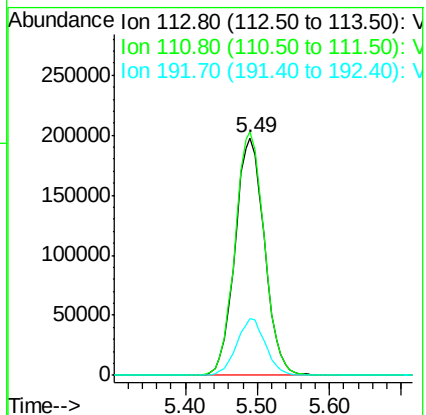
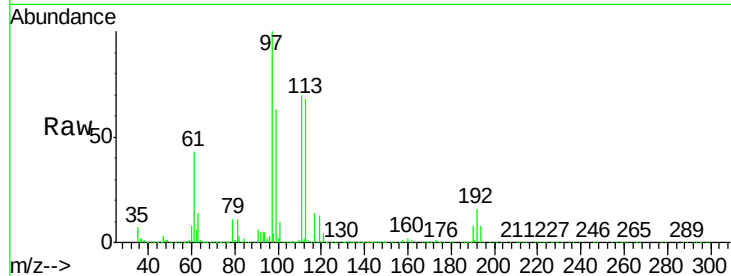
Tgt Ion:113 Resp: 559779

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 23.2 18.6 28.0



#36

1,1-Dichloropropene

Concen: 149.48 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

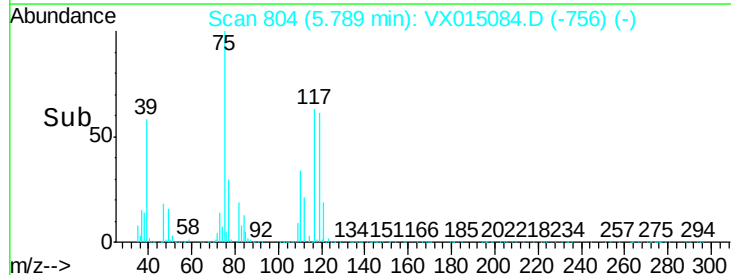
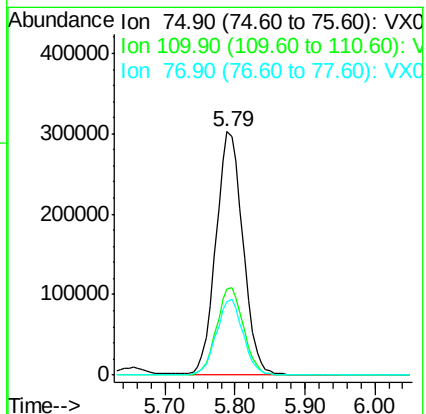
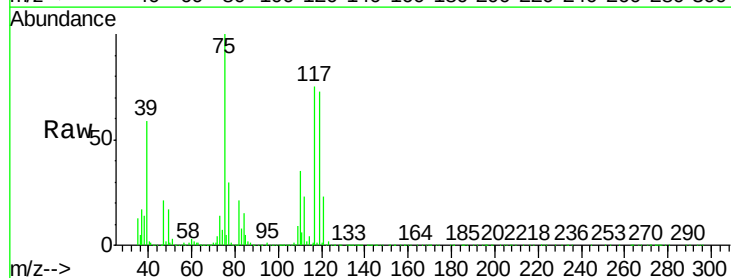
Tgt Ion: 75 Resp: 810318

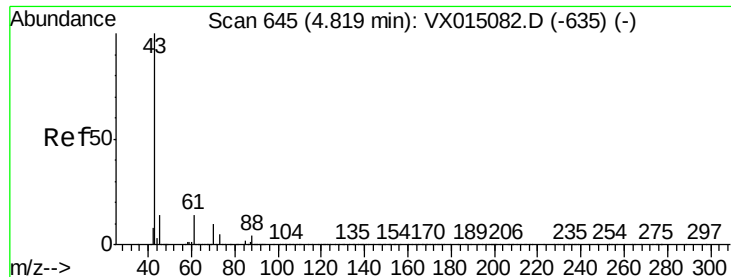
Ion Ratio Lower Upper

75 100

110 35.7 17.9 53.8

77 30.9 24.8 37.2

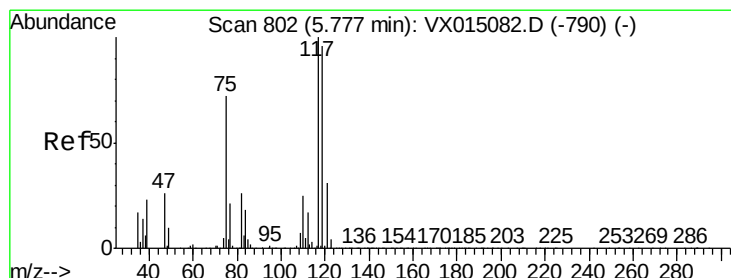
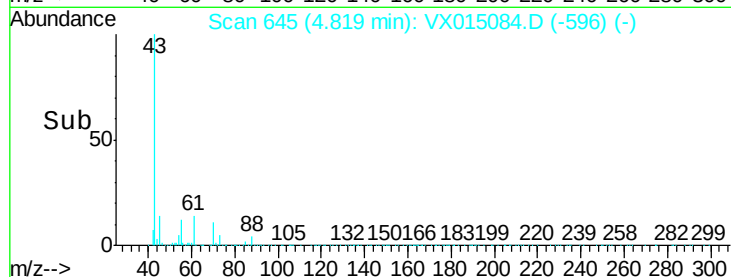
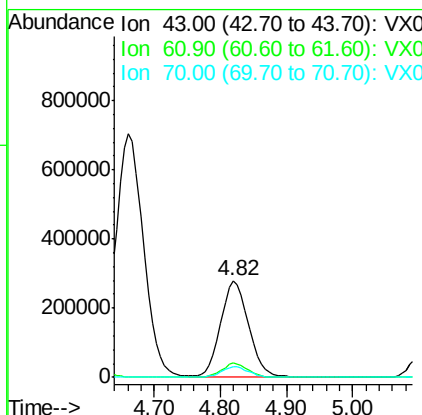
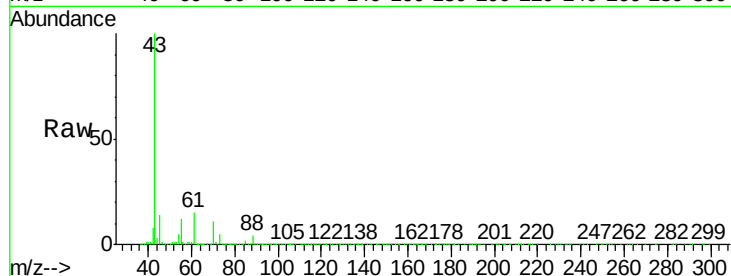




#37
Ethyl Acetate
Concen: 163.10 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

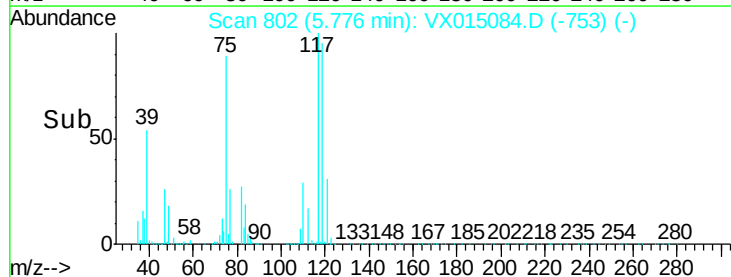
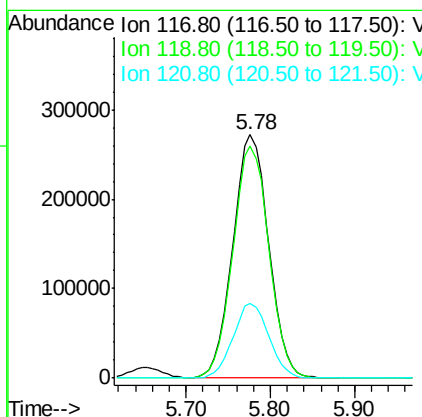
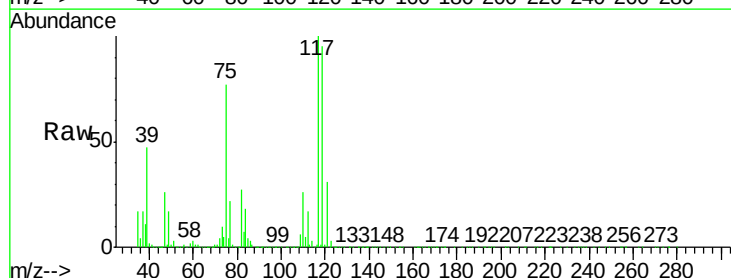
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

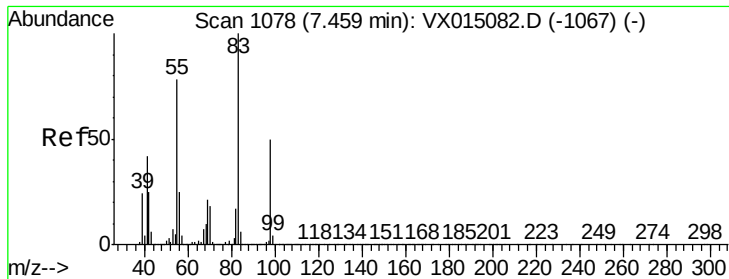
Tgt Ion: 43 Resp: 820001
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 10.5 8.1 12.1



#38
Carbon Tetrachloride
Concen: 152.52 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion: 117 Resp: 780415
Ion Ratio Lower Upper
117 100
119 95.2 76.9 115.3
121 30.6 24.6 37.0

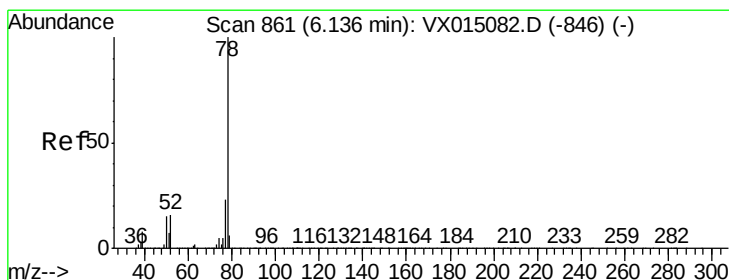
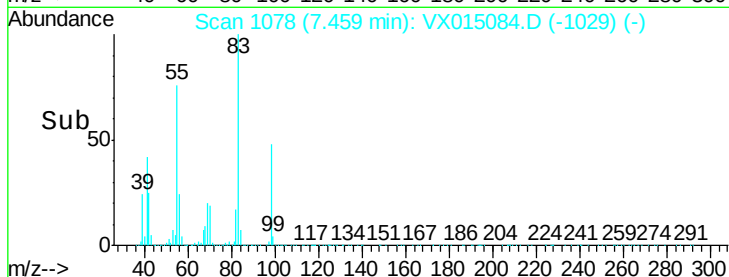
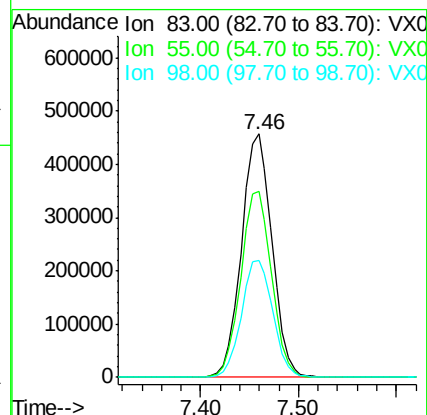
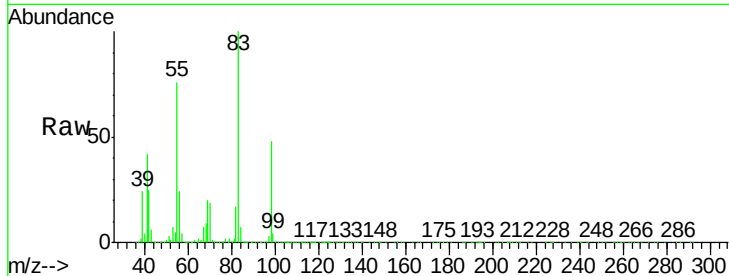




#39
Methylcyclohexane
Concen: 156.08 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

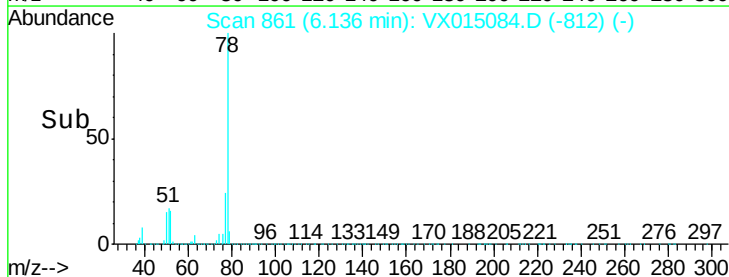
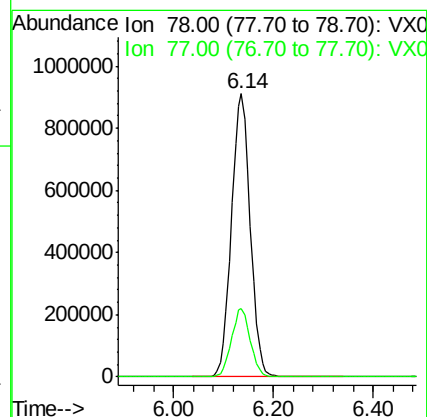
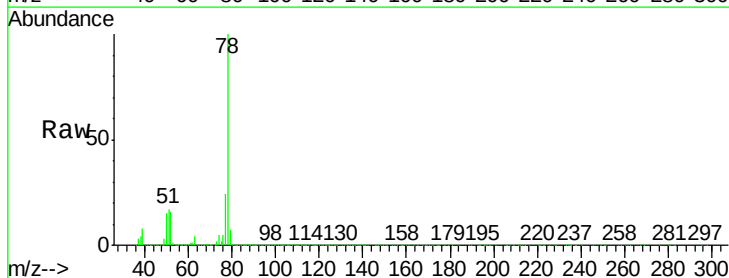
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

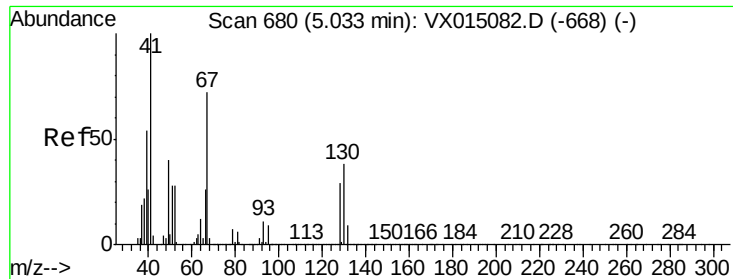
Tgt Ion: 83 Resp: 987919
Ion Ratio Lower Upper
83 100
55 76.2 62.4 93.6
98 48.2 39.7 59.5



#40
Benzene
Concen: 148.29 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion: 78 Resp: 2384923
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0

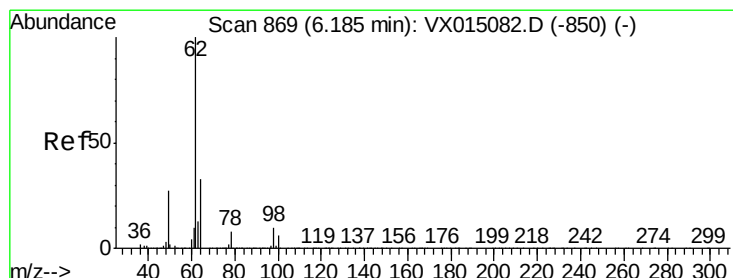
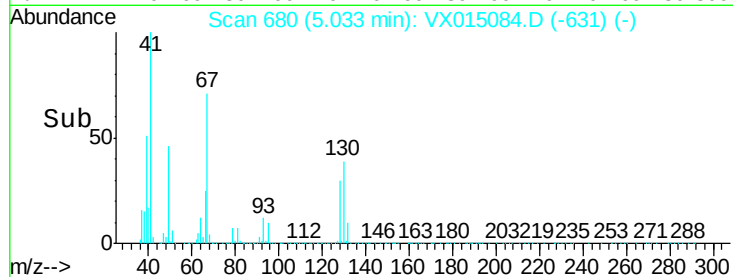
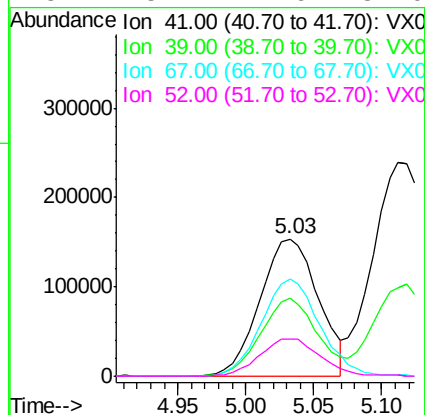
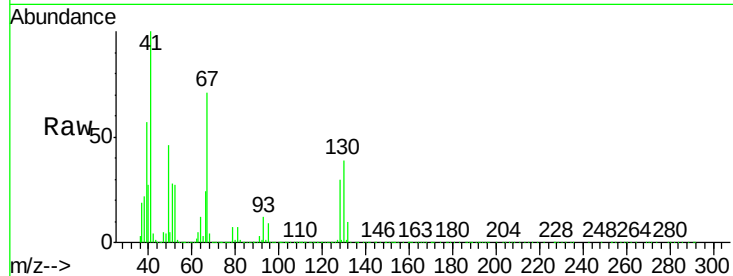




#41
Methacrylonitrile
Concen: 164.96 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

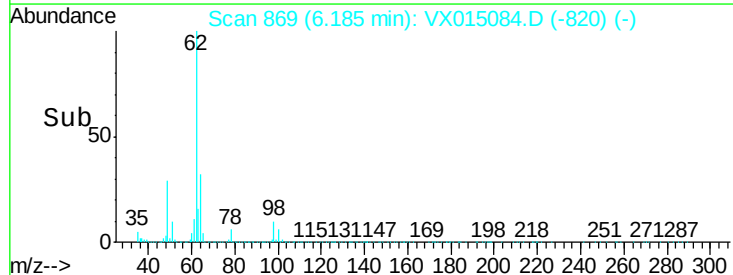
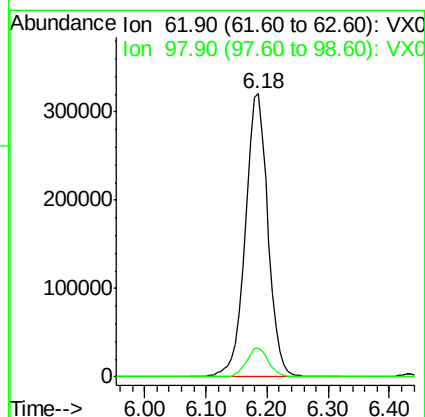
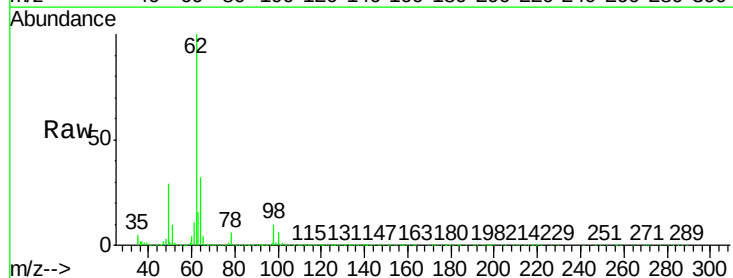
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

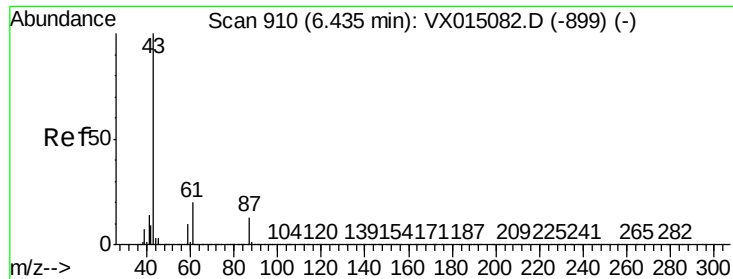
Tgt Ion:	41	Resp:	459934
Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.9	65.9
67	70.7	57.8	86.8
52	28.1	22.6	34.0



#42
1,2-Dichloroethane
Concen: 148.74 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion:	62	Resp:	821440
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.6





#43

Isopropyl Acetate

Concen: 158.48 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

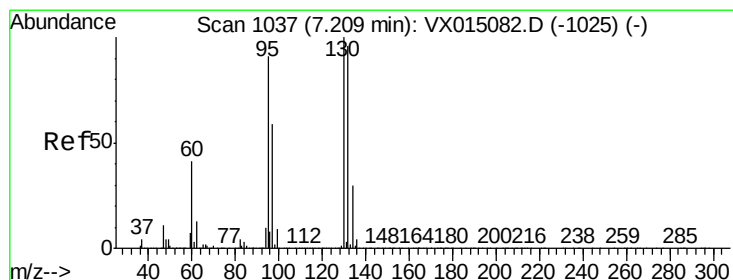
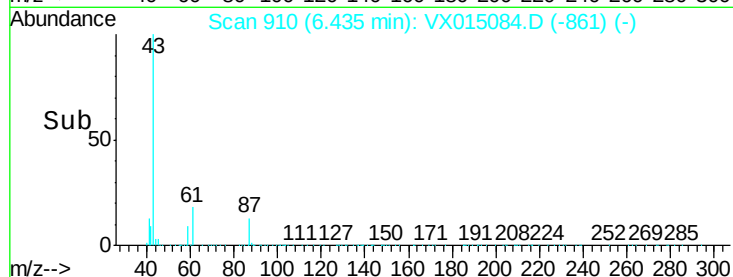
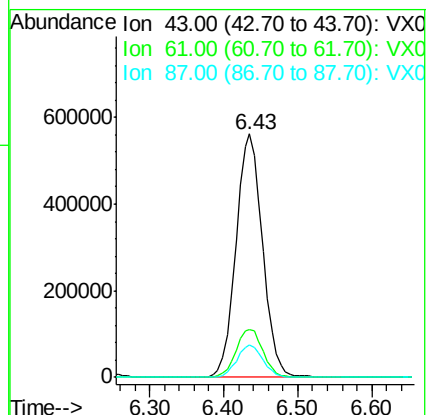
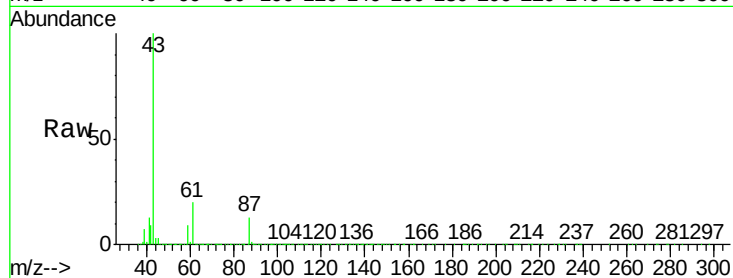
Tgt Ion: 43 Resp: 1401813

Ion Ratio Lower Upper

43 100

61 20.1 16.1 24.1

87 13.3 10.6 16.0



#44

Trichloroethene

Concen: 148.27 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015084.D

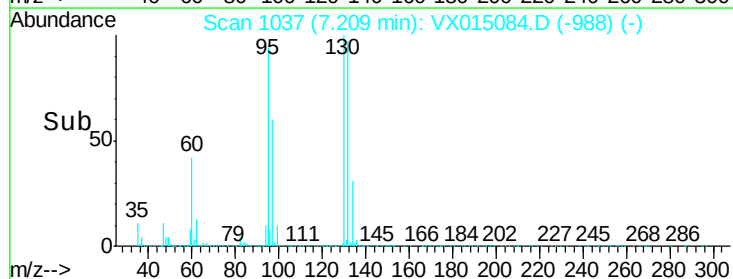
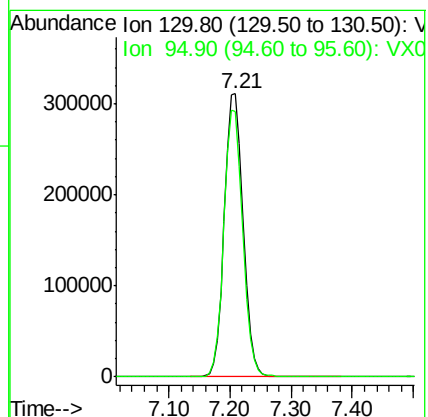
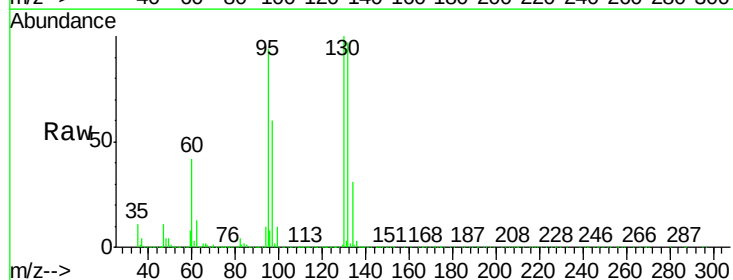
Acq: 04 Mar 2020 10:32

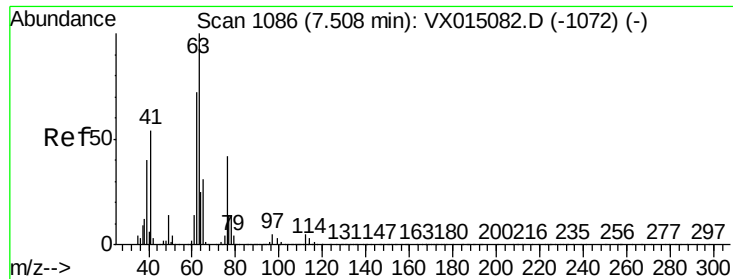
Tgt Ion: 130 Resp: 664112

Ion Ratio Lower Upper

130 100

95 93.6 0.0 181.2

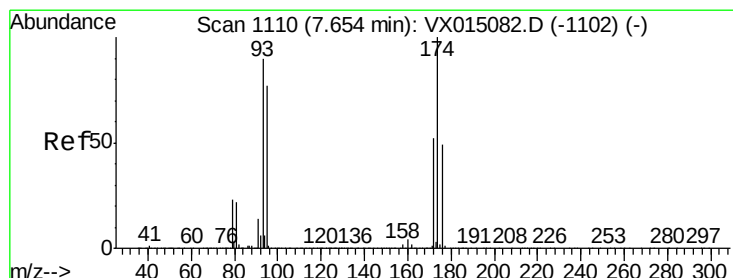
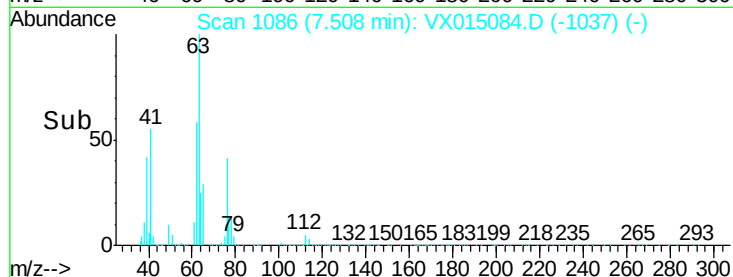
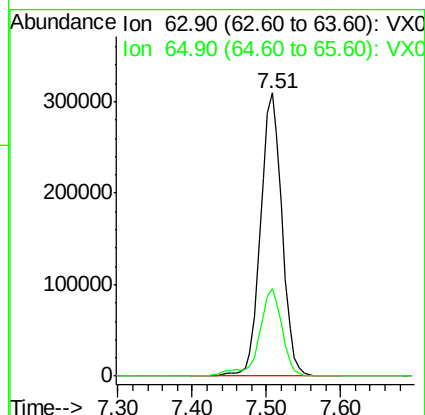
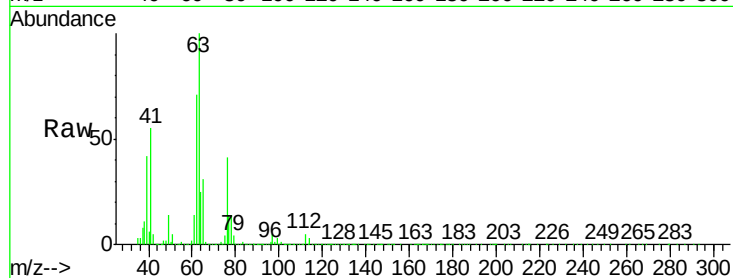




#45
 1,2-Dichloropropane
 Concen: 149.97 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

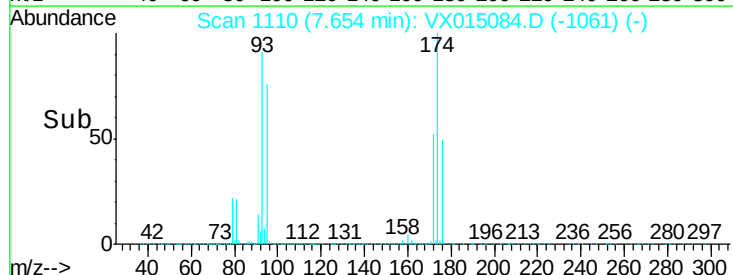
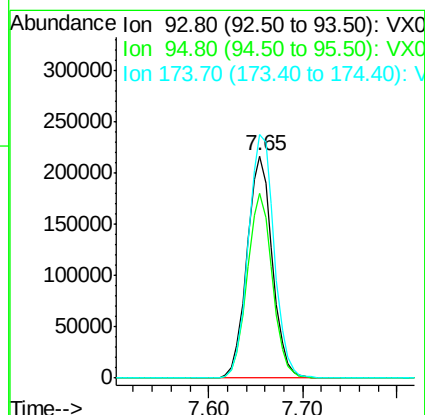
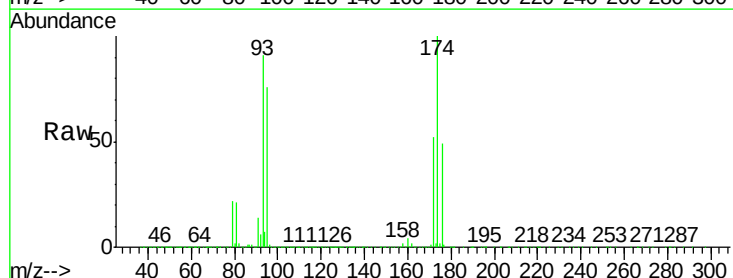
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

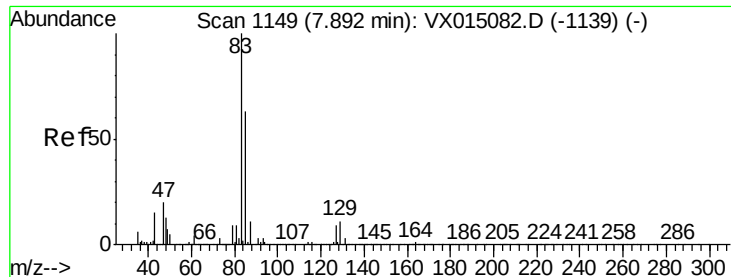
Tgt Ion: 63 Resp: 624293
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.6 36.8



#46
 Dibromomethane
 Concen: 150.58 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

Tgt Ion: 93 Resp: 408454
 Ion Ratio Lower Upper
 93 100
 95 82.4 67.8 101.8
 174 112.2 91.0 136.4





#47

Bromodichloromethane

Concen: 156.69 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

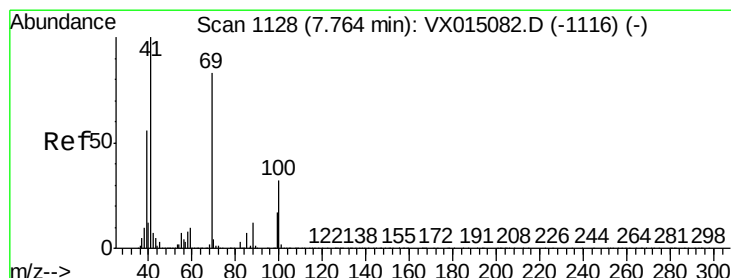
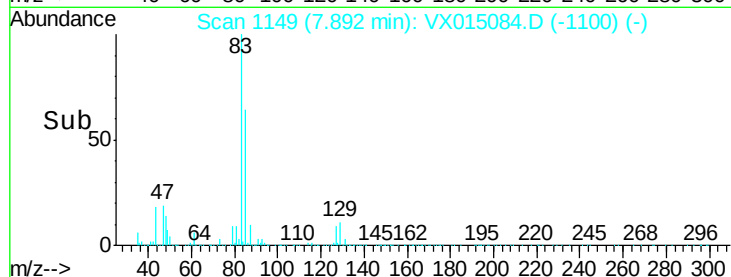
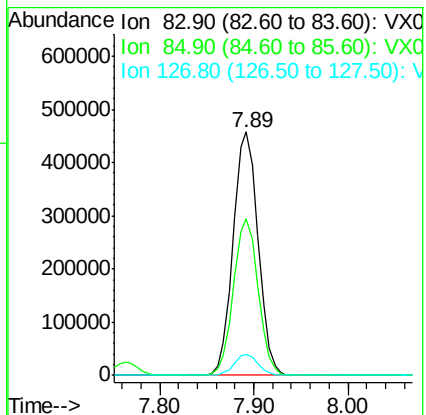
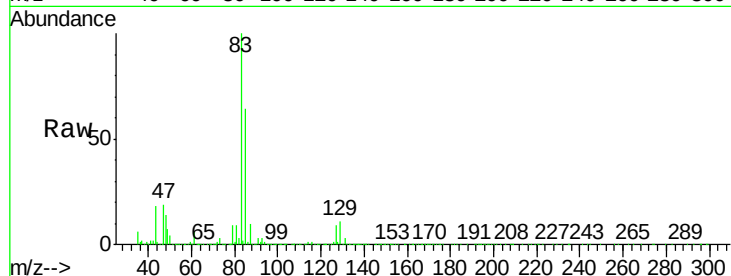
Tgt Ion: 83 Resp: 840447

Ion Ratio Lower Upper

83 100

85 64.3 50.6 75.8

127 8.5 7.1 10.7



#48

Methyl methacrylate

Concen: 155.70 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

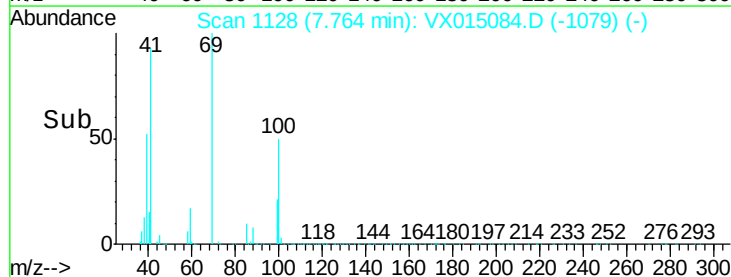
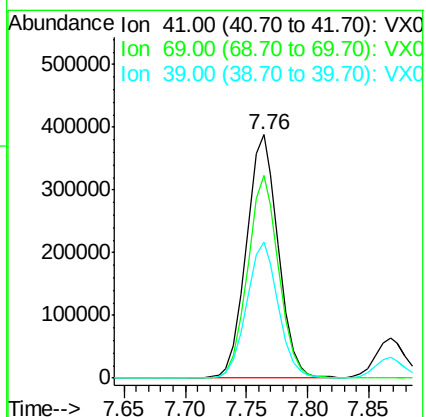
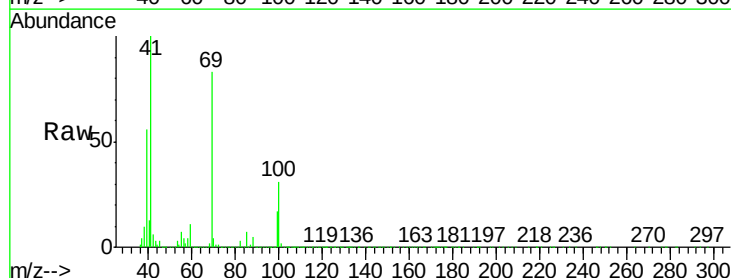
Tgt Ion: 41 Resp: 701027

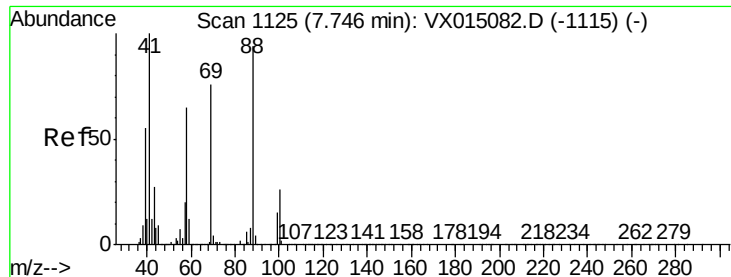
Ion Ratio Lower Upper

41 100

69 81.7 65.4 98.2

39 55.5 44.6 67.0





#49

1,4-Dioxane

Concen: 3027.36 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

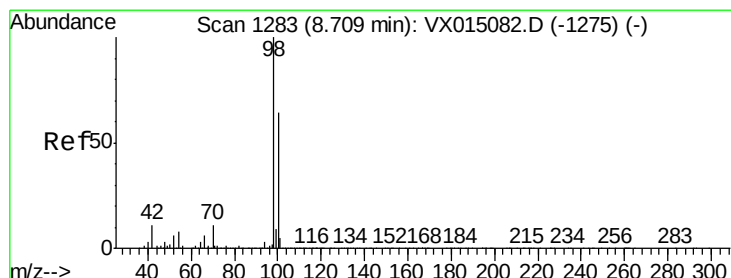
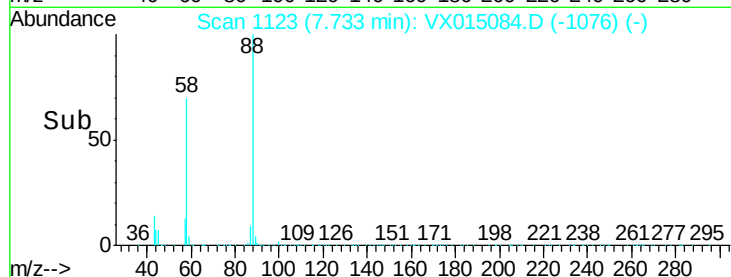
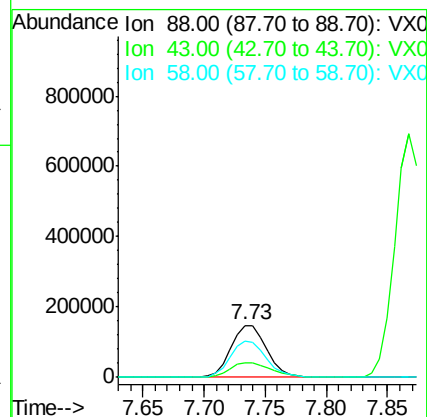
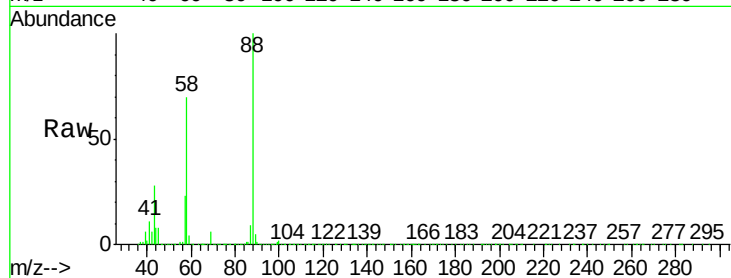
Tgt Ion: 88 Resp: 293999

Ion Ratio Lower Upper

88 100

43 33.3 27.0 40.4

58 70.8 55.6 83.4



#50

Toluene-d8

Concen: 152.00 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015084.D

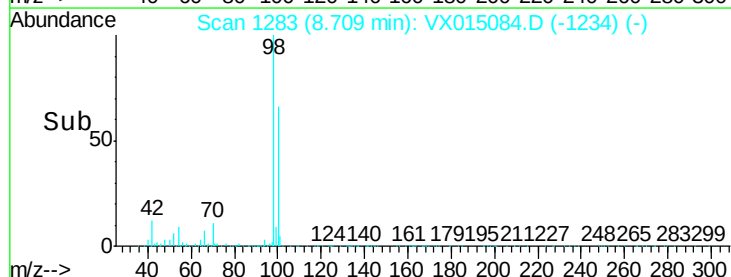
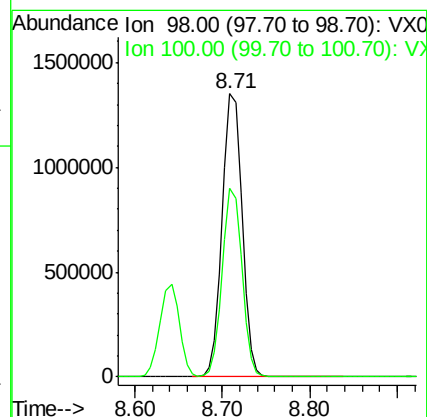
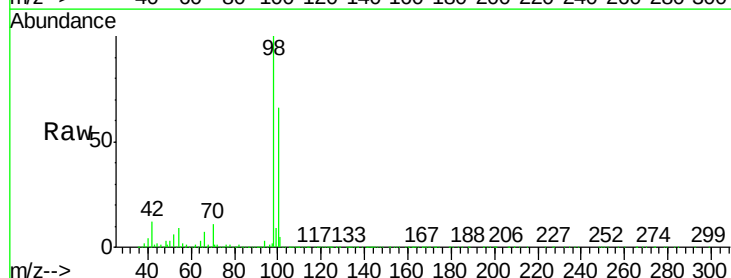
Acq: 04 Mar 2020 10:32

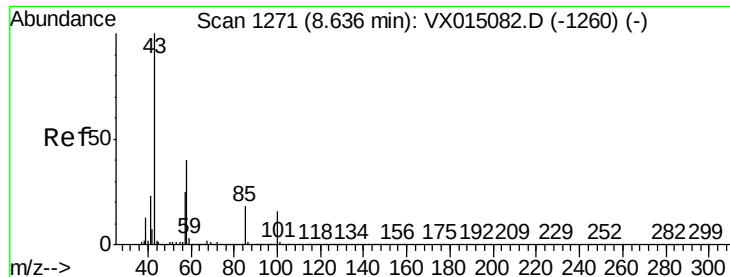
Tgt Ion: 98 Resp: 2137516

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6

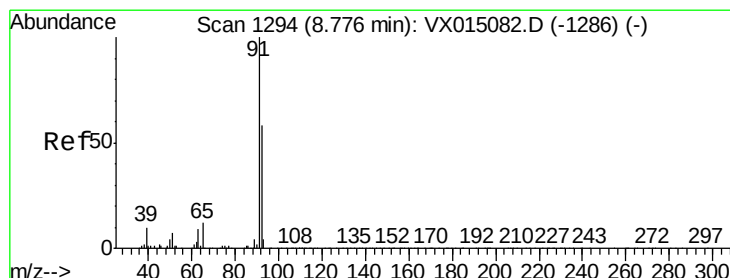
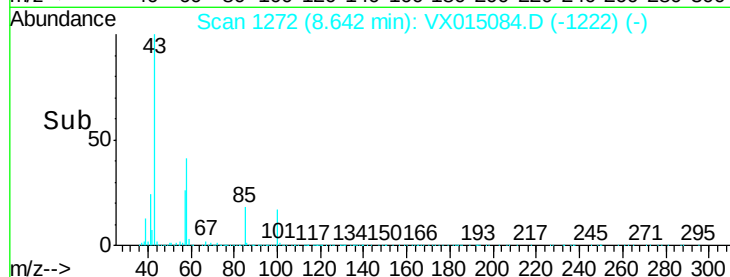
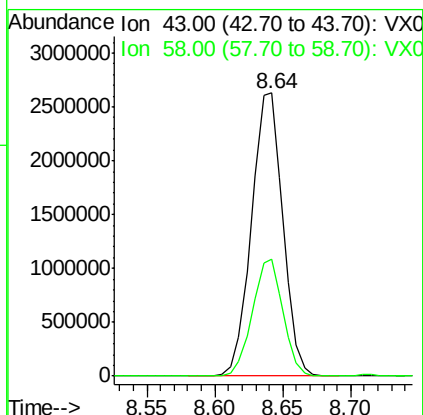
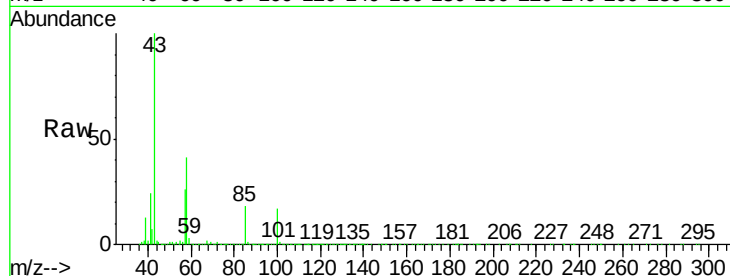




#51
 4-Methyl-2-Pentanone
 Concen: 816.02 ug/l
 RT: 8.64 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

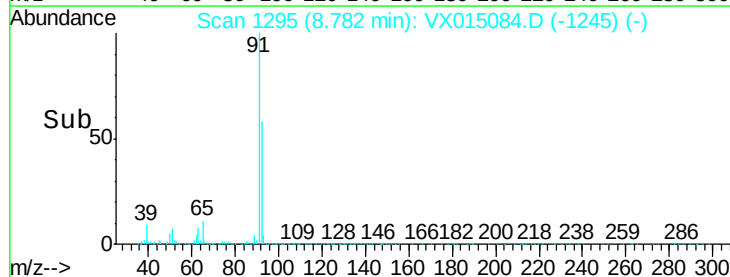
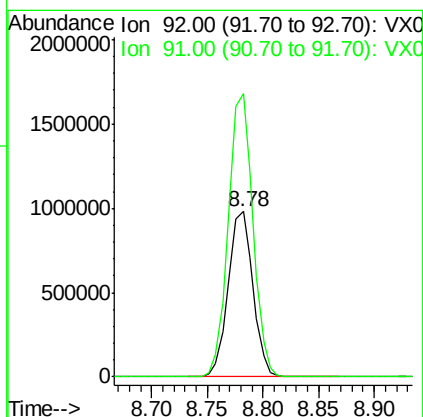
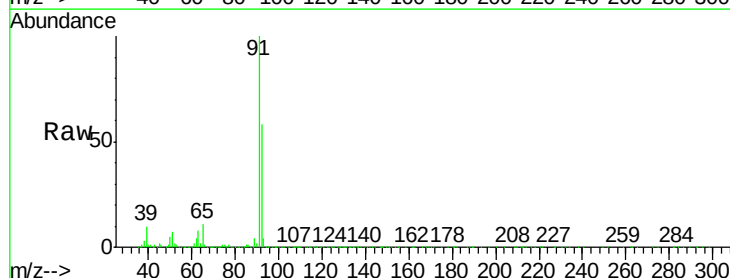
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

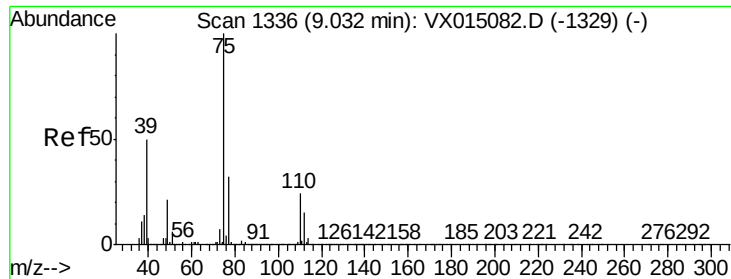
Tgt Ion: 43 Resp: 4267422
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.6 47.4



#52
 Toluene
 Concen: 152.89 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

Tgt Ion: 92 Resp: 1503348
 Ion Ratio Lower Upper
 92 100
 91 171.1 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 166.30 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

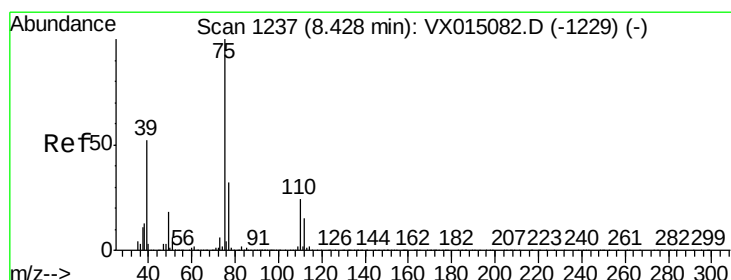
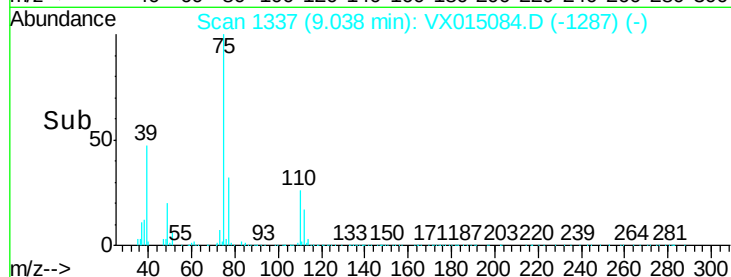
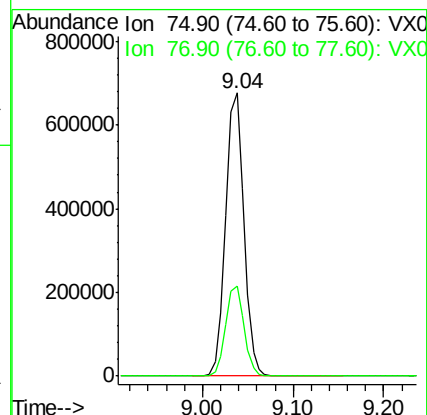
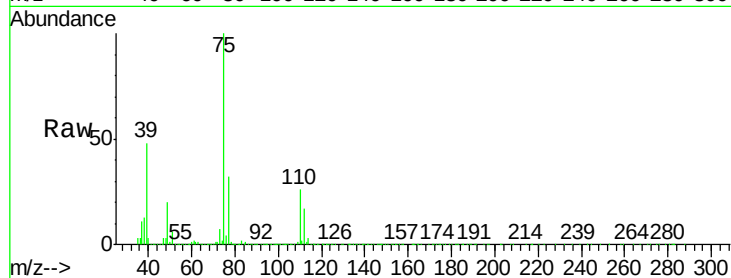
VSTDIC150

Tgt Ion: 75 Resp: 955608

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 160.95 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

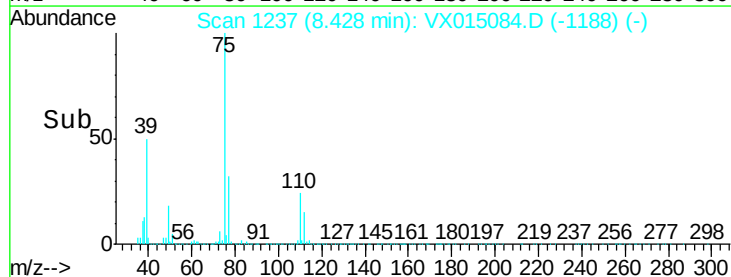
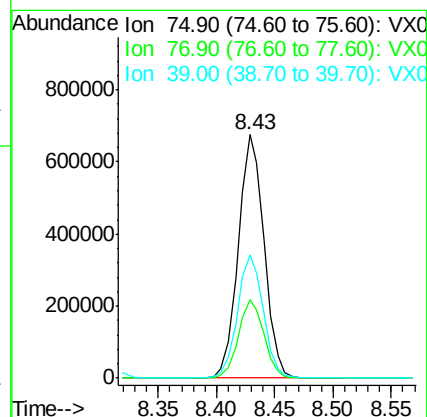
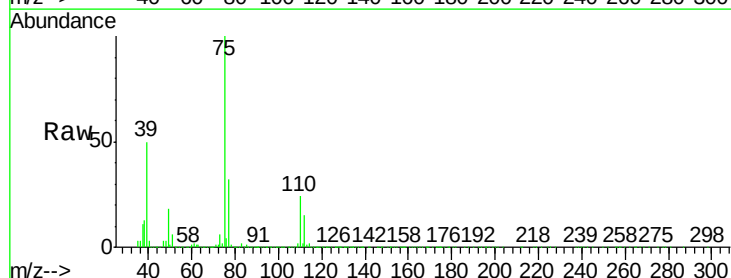
Tgt Ion: 75 Resp: 1038766

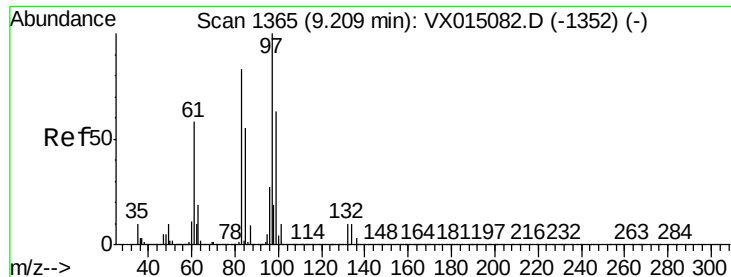
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6

39 50.4 41.3 61.9

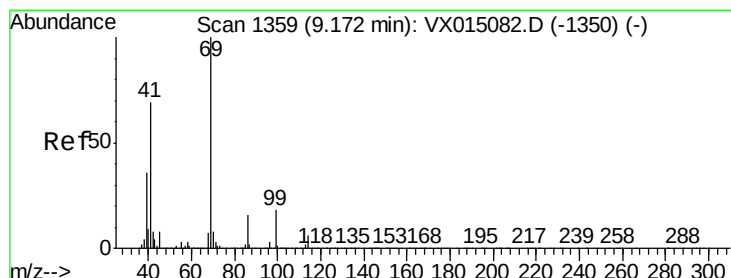
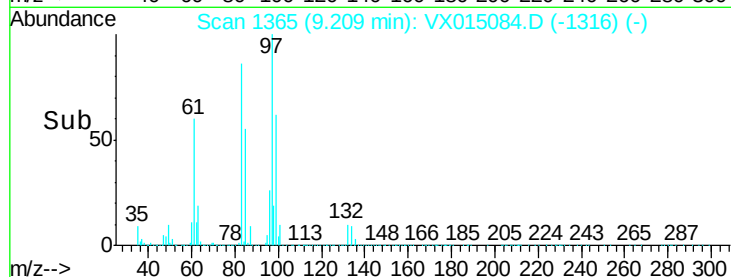
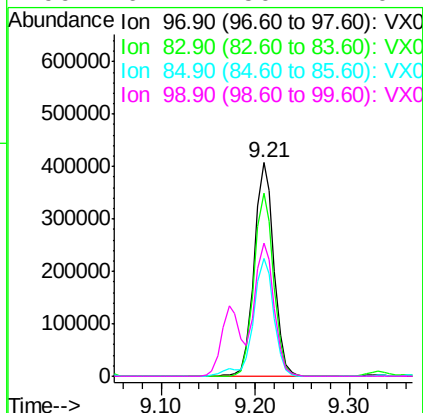
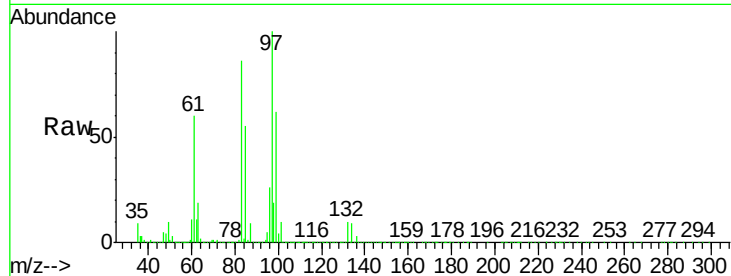




#55
 1,1,2-Trichloroethane
 Concen: 149.06 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

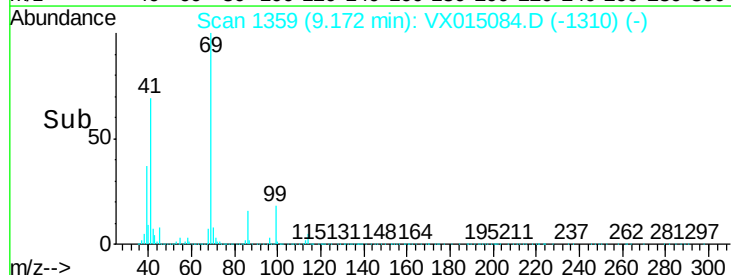
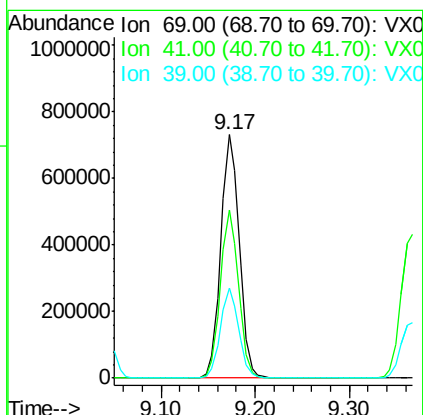
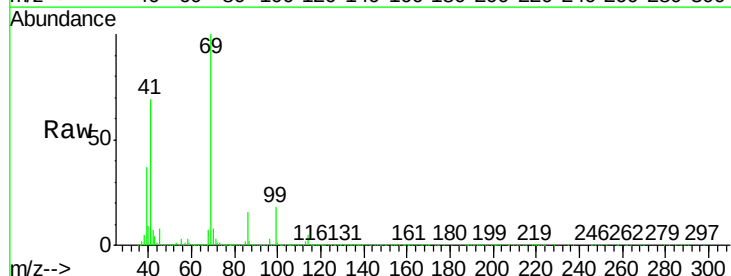
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

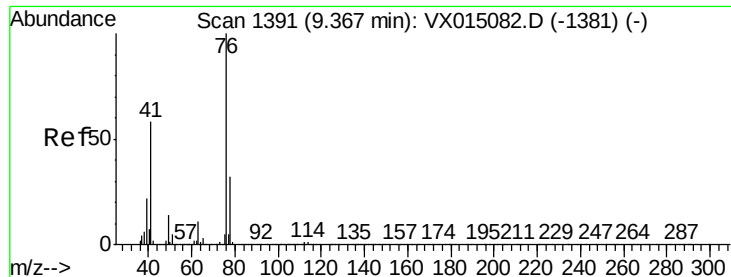
Tgt Ion:	97	Resp:	603311
Ion	Ratio	Lower	Upper
97	100		
83	85.9	66.4	99.6
85	55.2	43.5	65.3
99	62.1	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 172.56 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

Tgt Ion:	69	Resp:	996066
Ion	Ratio	Lower	Upper
69	100		
41	67.9	55.8	83.8
39	36.5	29.4	44.2





#57

1,3-Dichloropropane

Concen: 150.25 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

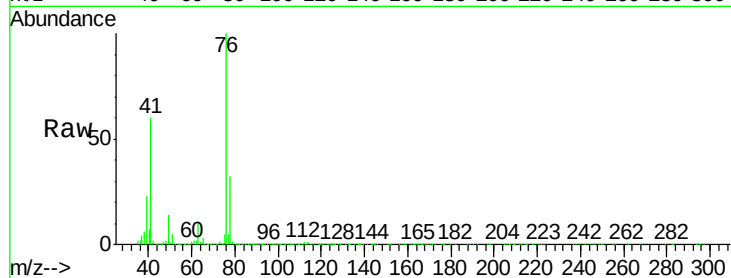
VSTDIC150

Tgt Ion: 76 Resp: 1023075

Ion Ratio Lower Upper

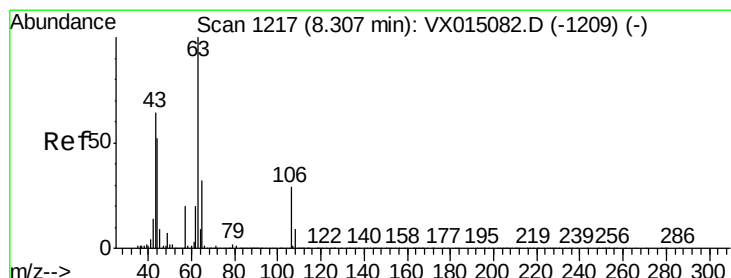
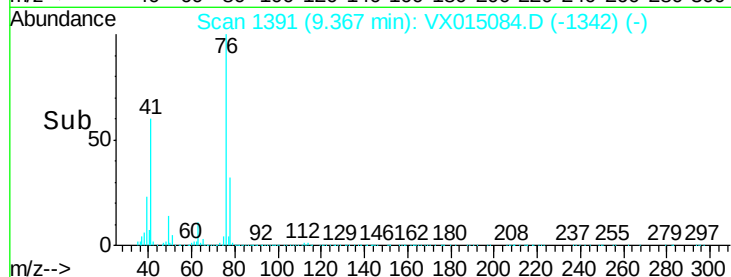
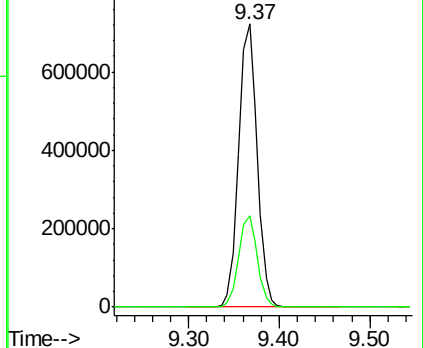
76 100

78 32.4 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: 800.72 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015084.D

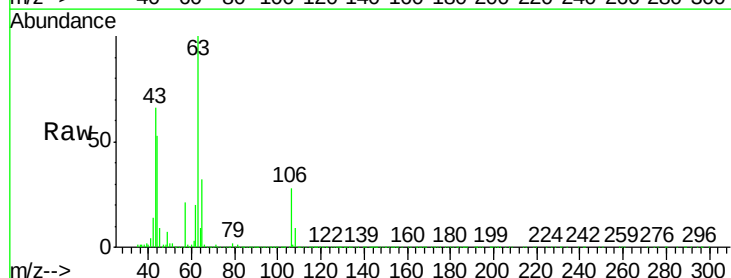
Acq: 04 Mar 2020 10:32

Tgt Ion: 63 Resp: 2518157

Ion Ratio Lower Upper

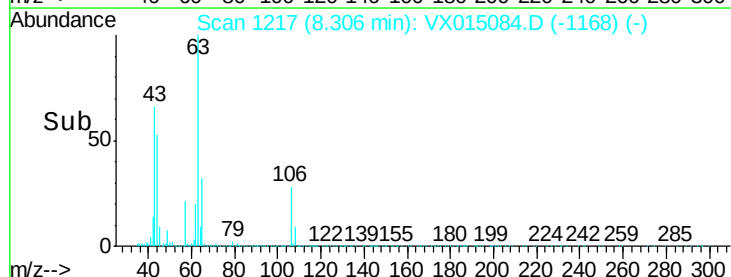
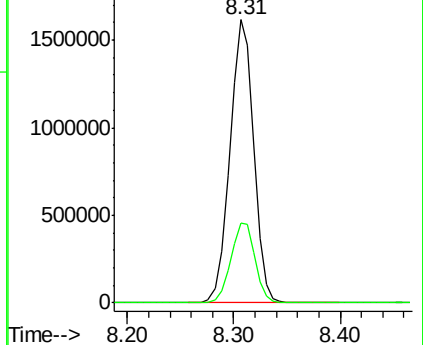
63 100

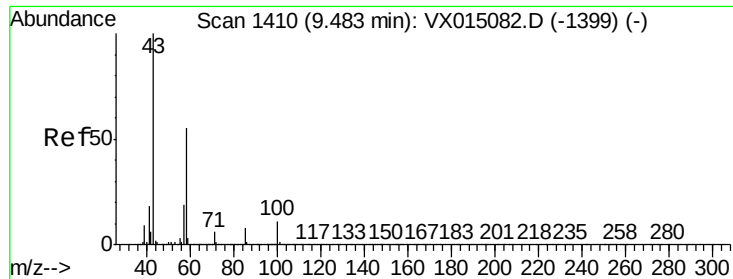
106 28.8 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

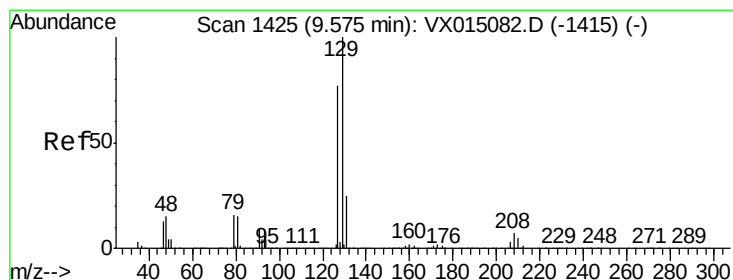
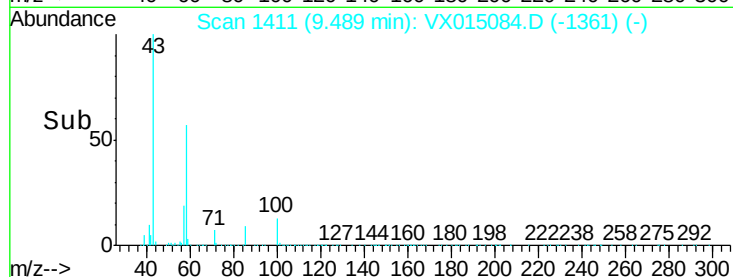
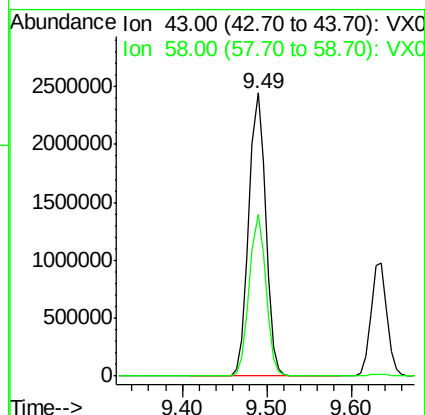
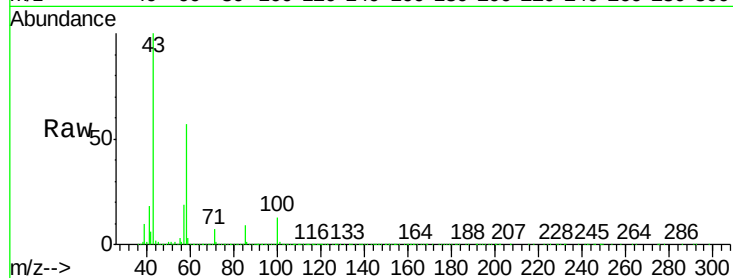




#59
2-Hexanone
Concen: 839.41 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

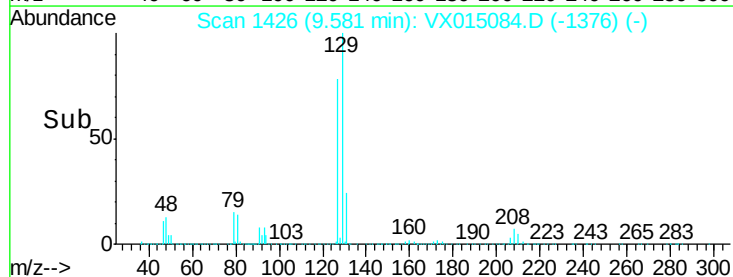
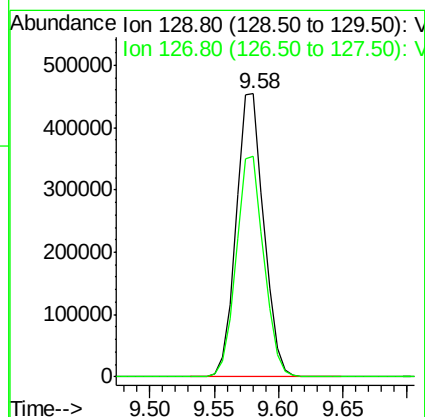
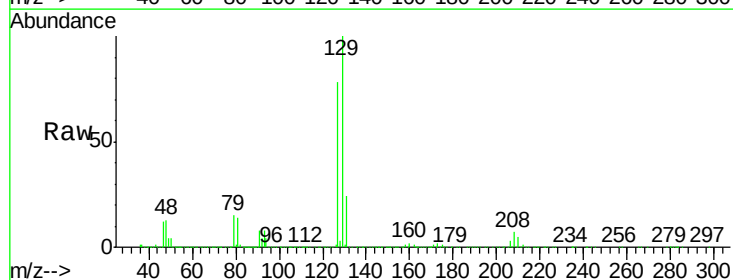
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

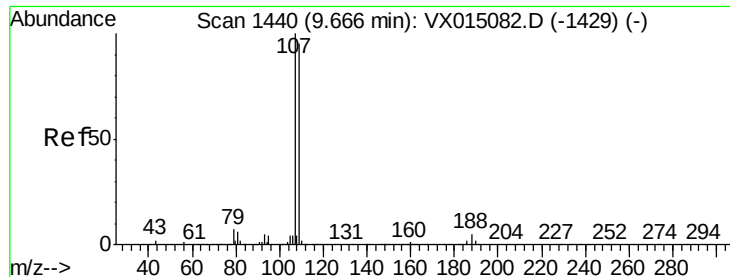
Tgt Ion: 43 Resp: 3253443
Ion Ratio Lower Upper
43 100
58 56.3 27.3 81.8



#60
Dibromochloromethane
Concen: 159.65 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion: 129 Resp: 678778
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.3

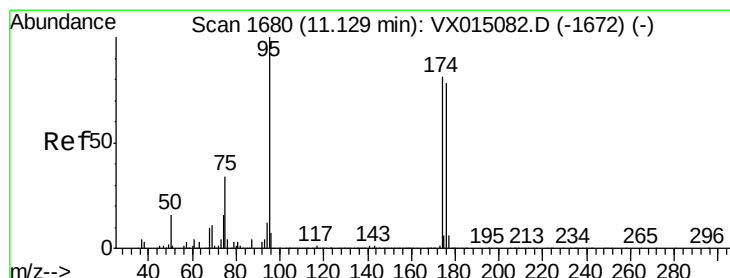
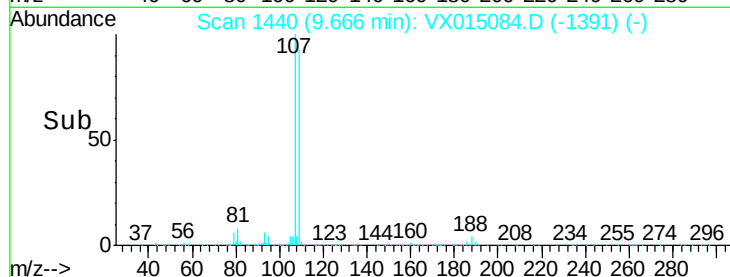
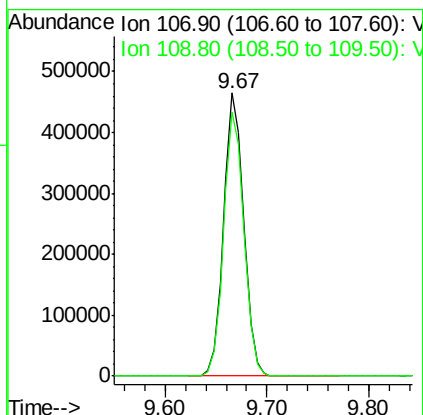
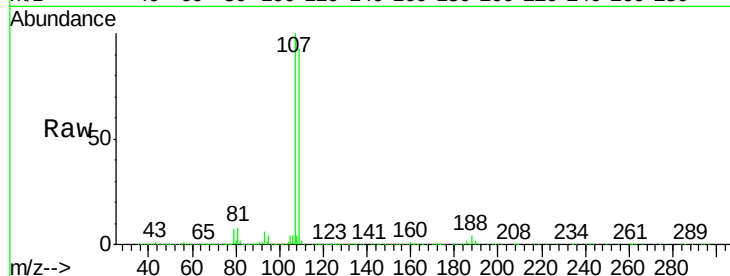




#61
 1,2-Dibromoethane
 Concen: 149.30 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

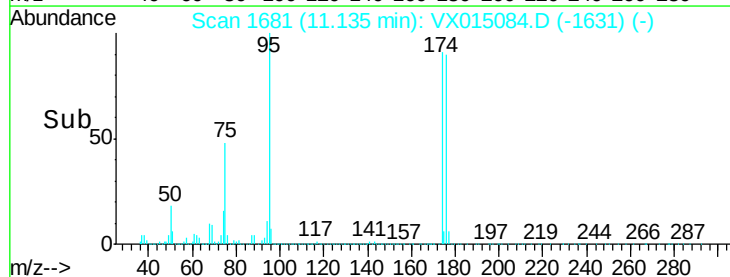
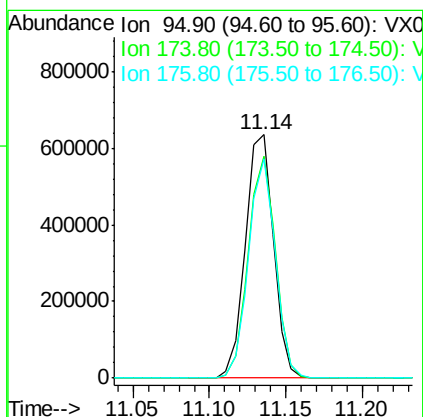
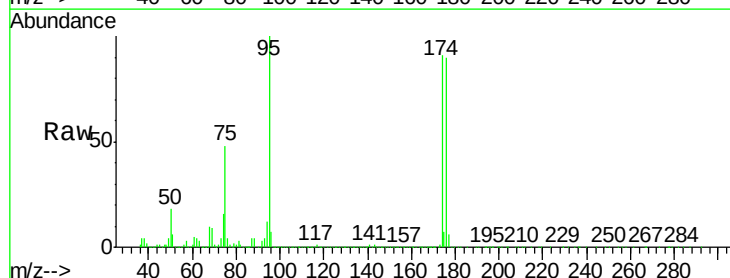
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

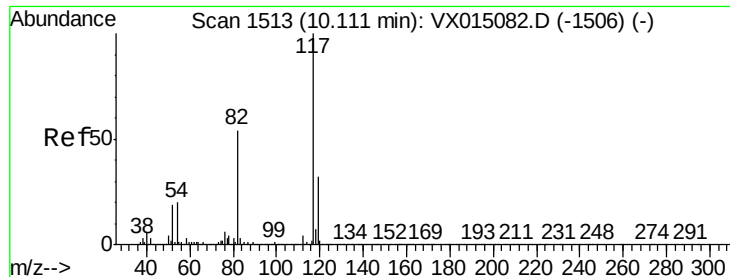
Tgt Ion: 107 Resp: 634709
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 162.11 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

Tgt Ion: 95 Resp: 813143
 Ion Ratio Lower Upper
 95 100
 174 88.3 0.0 177.6
 176 85.9 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: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

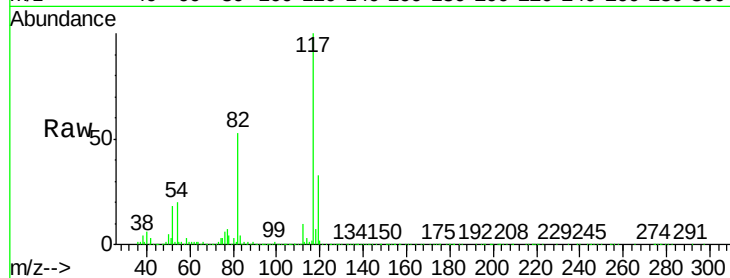
Tgt Ion:117 Resp: 545391

Ion Ratio Lower Upper

117 100

82 52.5 43.3 64.9

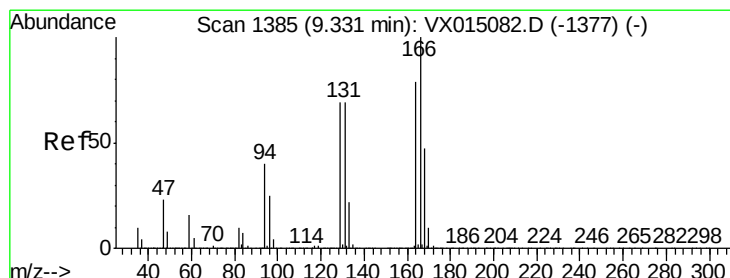
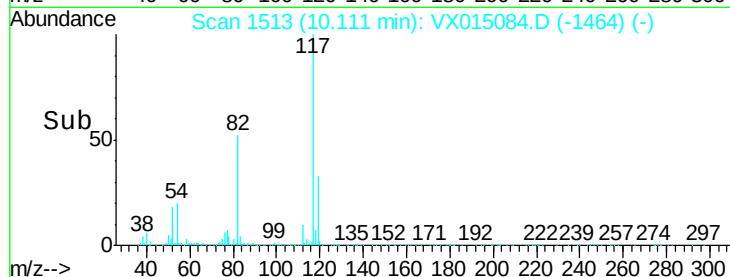
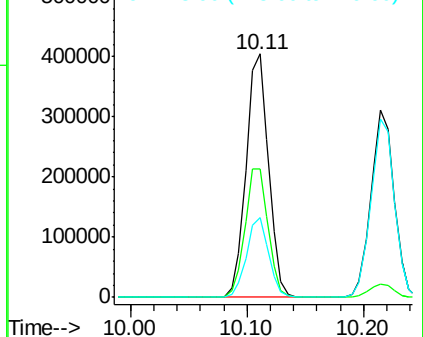
119 32.6 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 141.90 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion:164 Resp: 639860

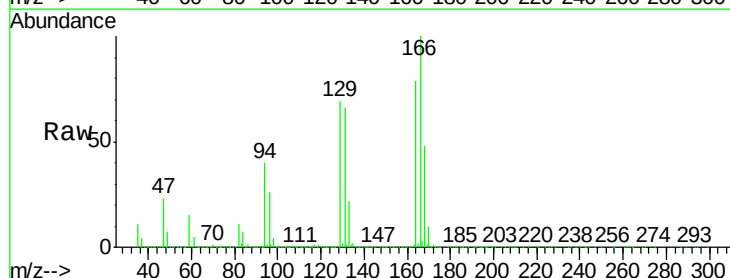
Ion Ratio Lower Upper

164 100

166 125.8 101.1 151.7

129 87.0 69.4 104.0

131 82.7 69.8 104.8

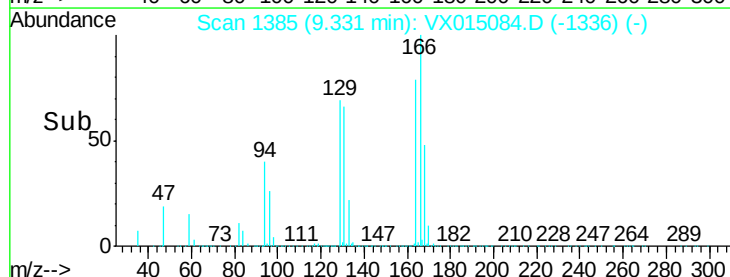
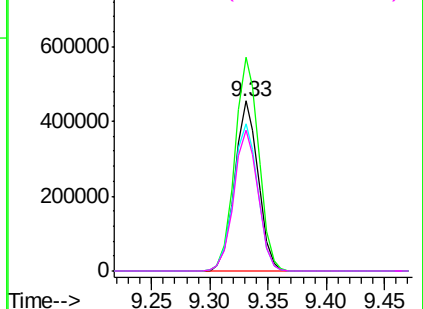


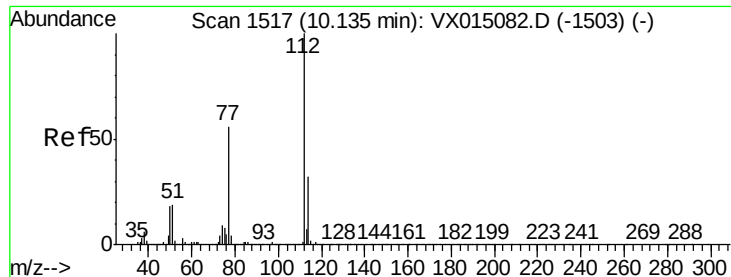
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

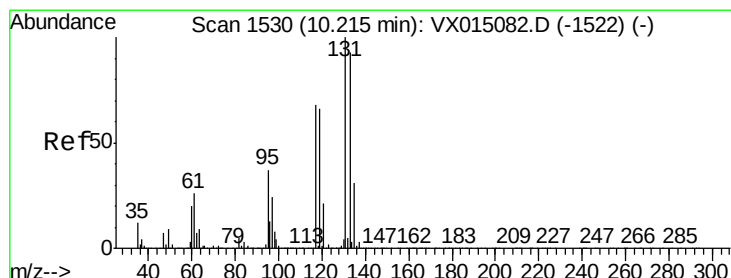
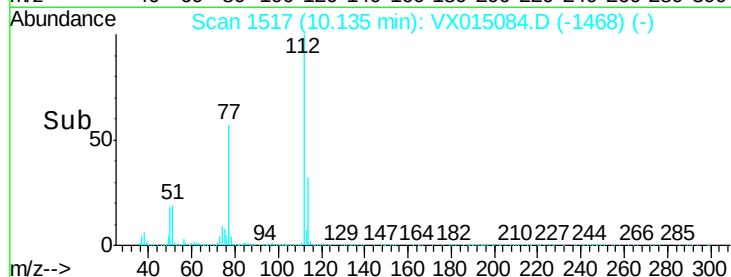
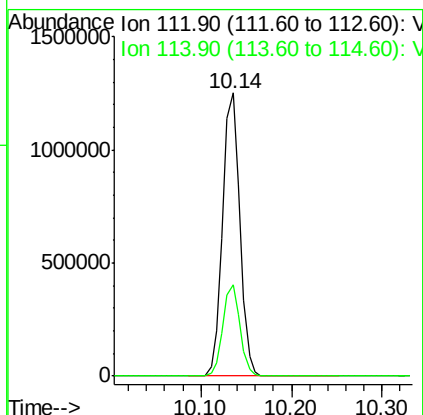
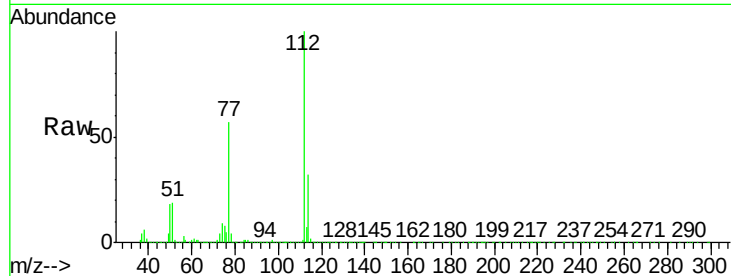




#65
Chlorobenzene
Concen: 151.72 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

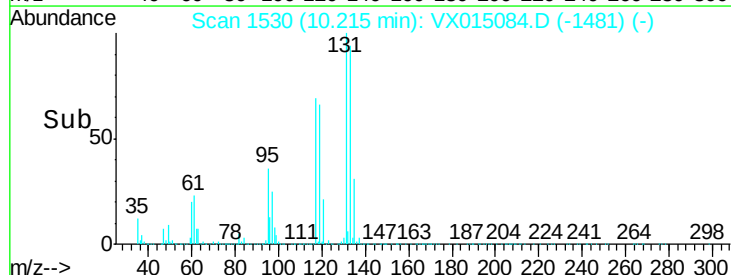
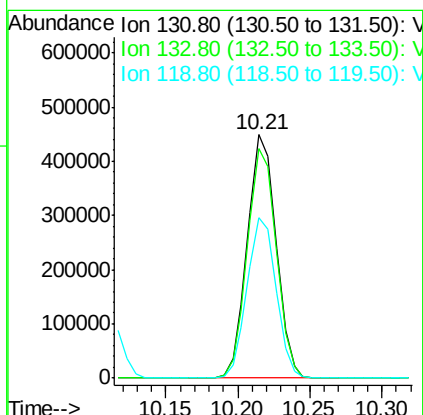
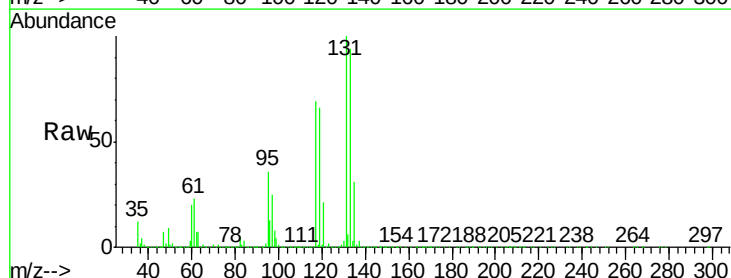
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

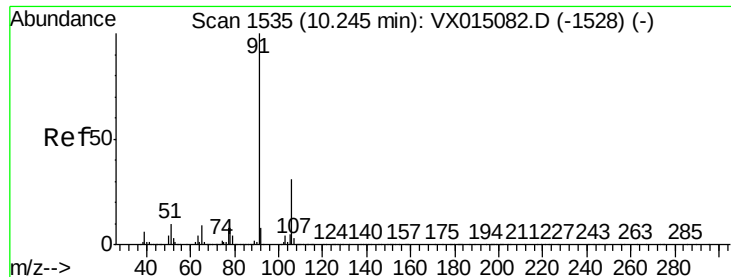
Tgt Ion:112 Resp: 1661225
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 149.88 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion:131 Resp: 618808
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 66.7 33.4 100.1





#67

Ethyl Benzene

Concen: 157.00 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

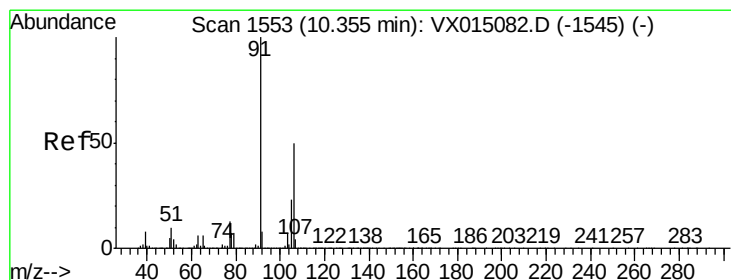
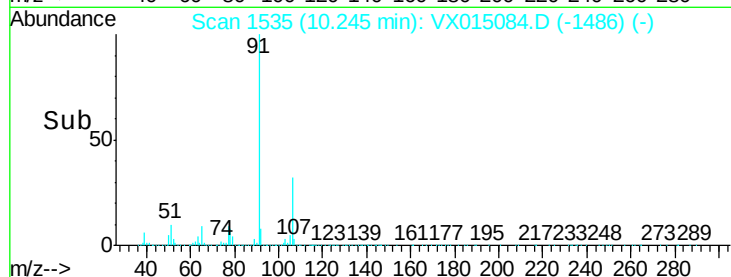
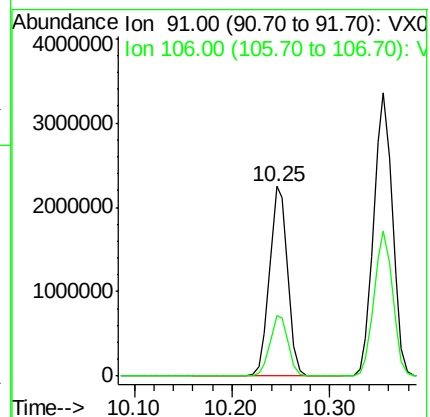
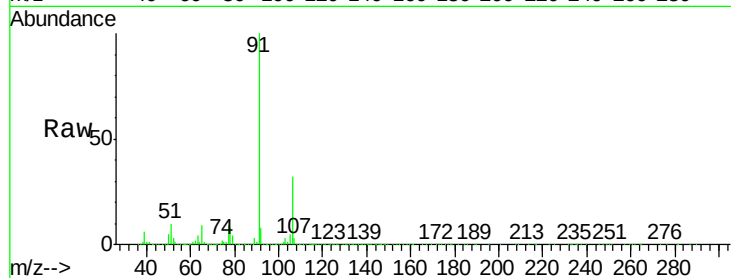
VSTDIC150

Tgt Ion: 91 Resp: 2919194

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3



#68

m/p-Xylenes

Concen: 322.47 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015084.D

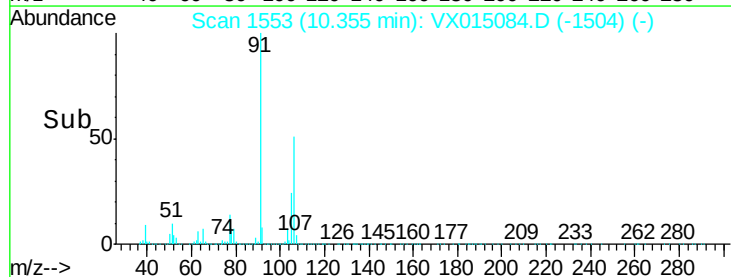
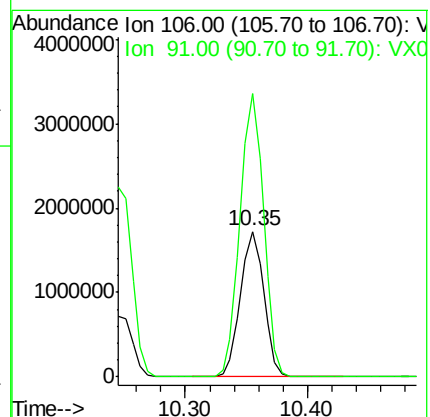
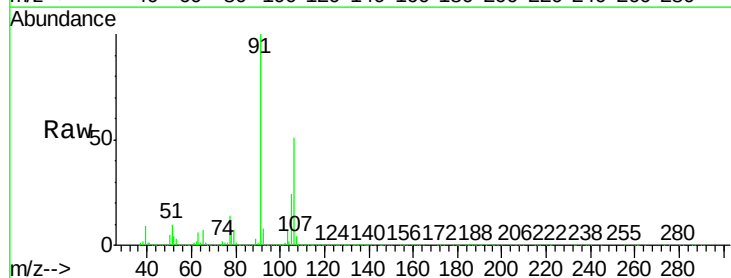
Acq: 04 Mar 2020 10:32

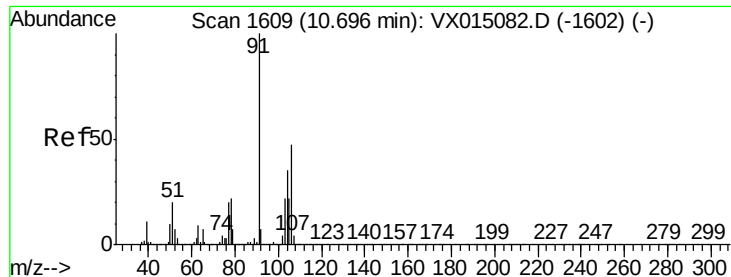
Tgt Ion: 106 Resp: 2281186

Ion Ratio Lower Upper

106 100

91 196.4 159.4 239.2

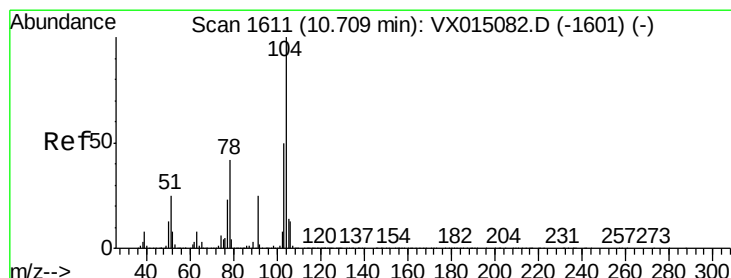
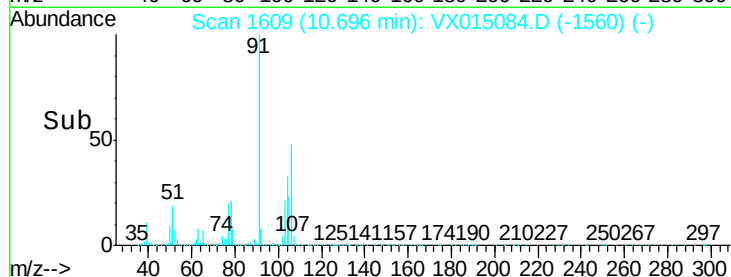
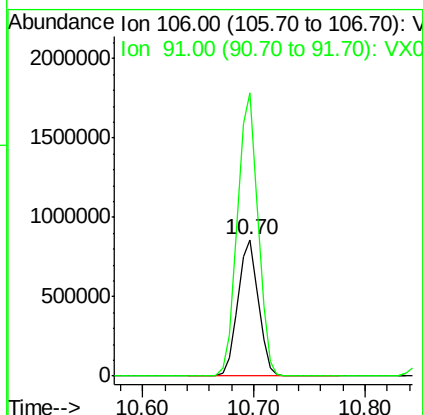
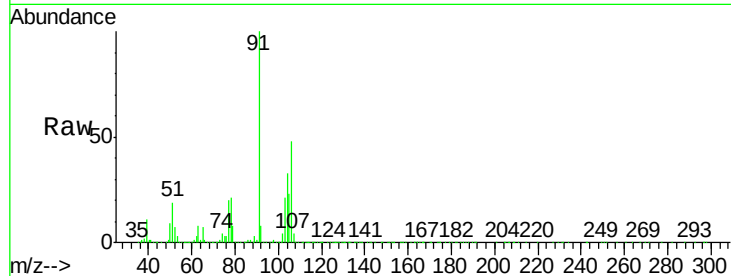




#69
o-Xylene
Concen: 161.74 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

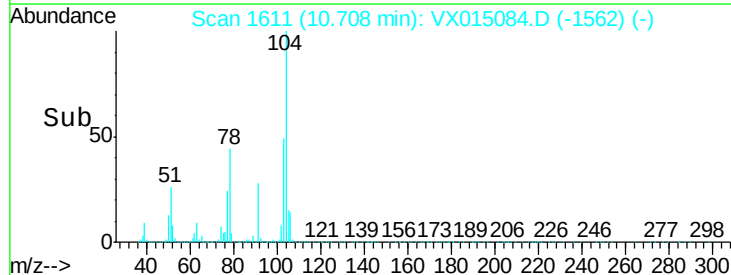
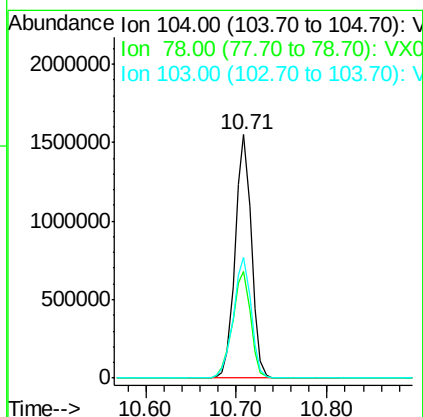
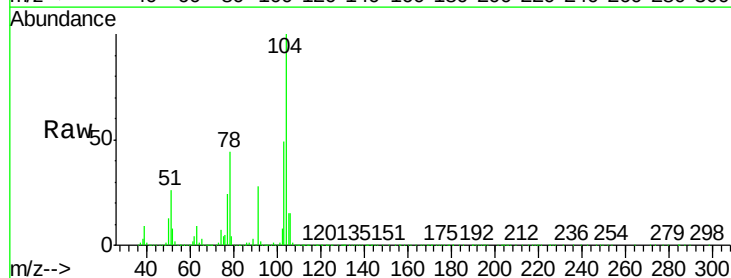
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

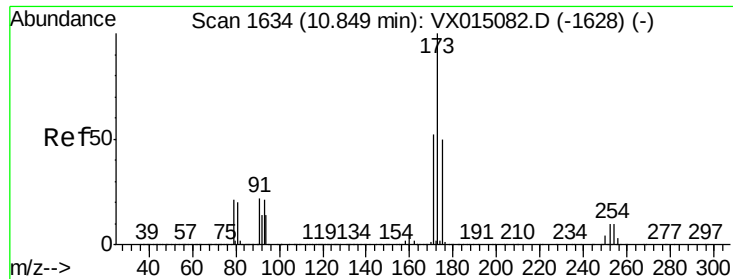
Tgt Ion:106 Resp: 1095481
Ion Ratio Lower Upper
106 100
91 209.2 105.4 316.1



#70
Styrene
Concen: 165.56 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion:104 Resp: 1922621
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 54.3 43.7 65.5

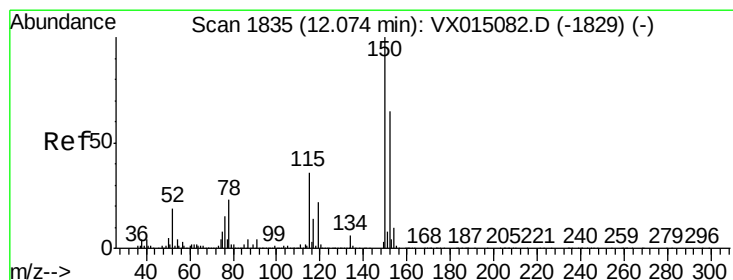
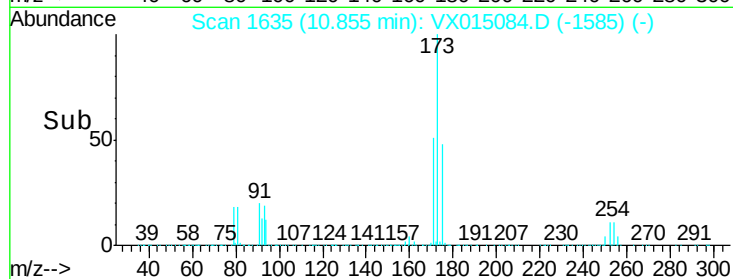
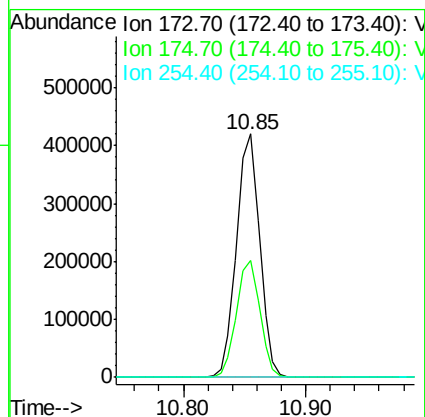
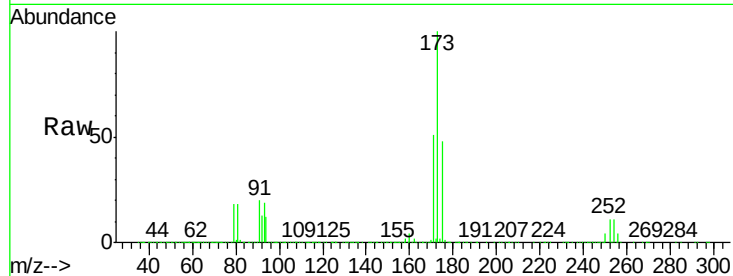




#71
Bromoform
Concen: 171.58 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

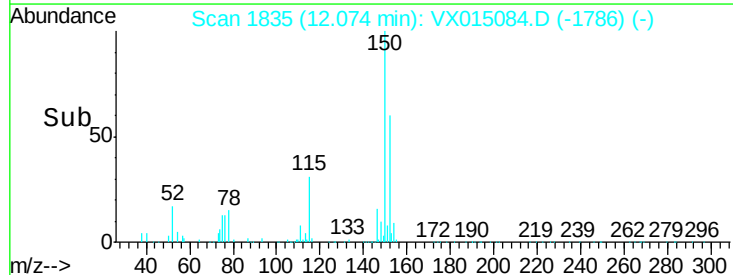
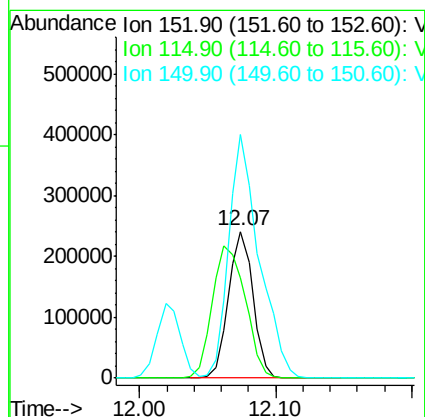
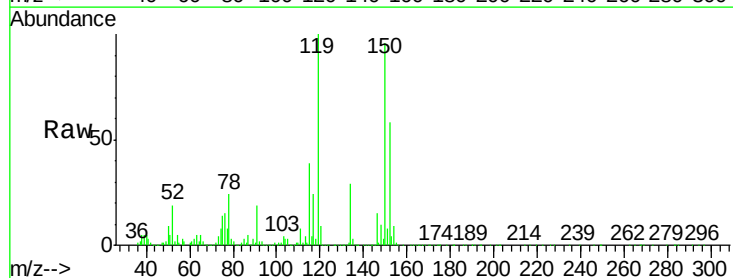
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

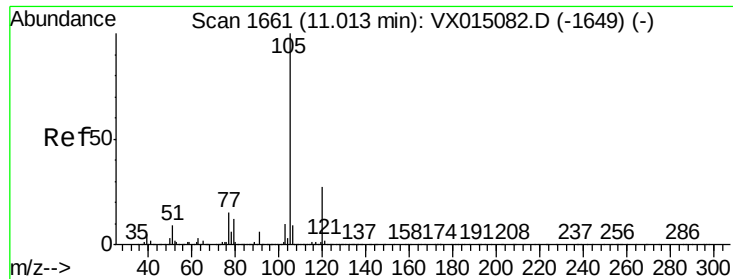
Tgt Ion:173 Resp: 549338
Ion Ratio Lower Upper
173 100
175 48.7 24.9 74.7
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion:152 Resp: 300001
Ion Ratio Lower Upper
152 100
115 121.7 38.2 114.6#
150 207.1 0.0 343.8





#73

Isopropylbenzene

Concen: 150.04 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

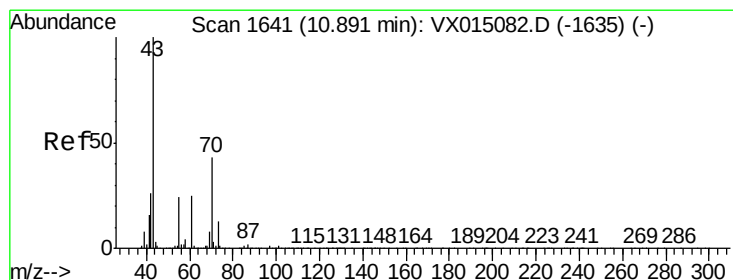
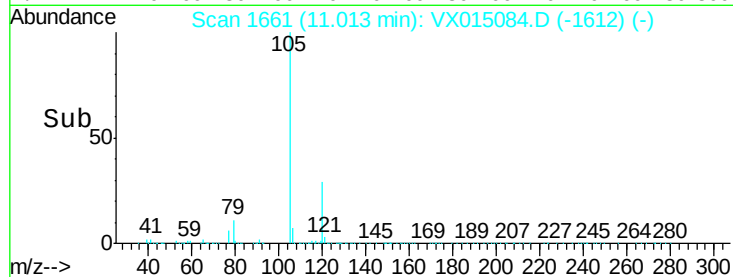
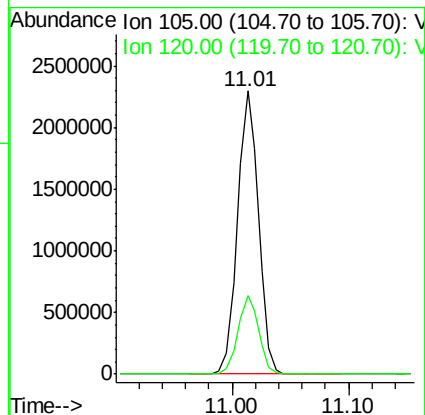
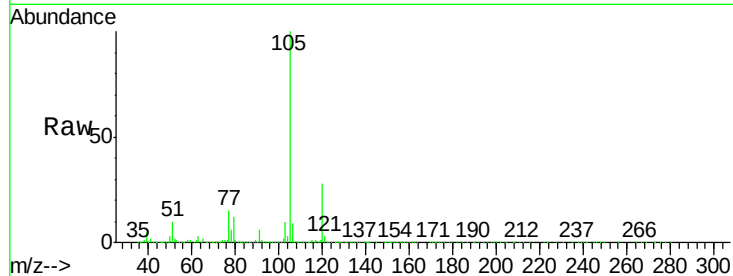
VSTDIC150

Tgt Ion:105 Resp: 2875486

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5



#74

N-ethyl acetate

Concen: 167.31 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion: 43 Resp: 1351281

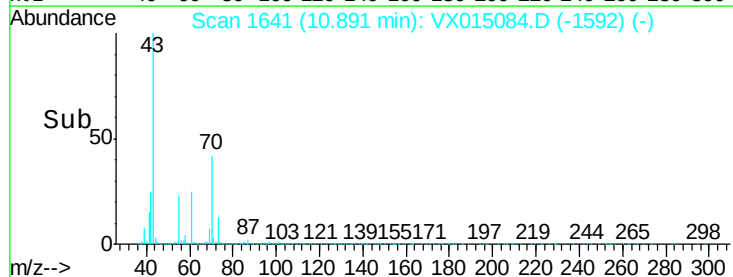
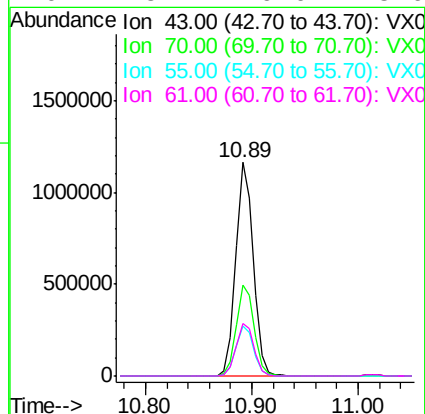
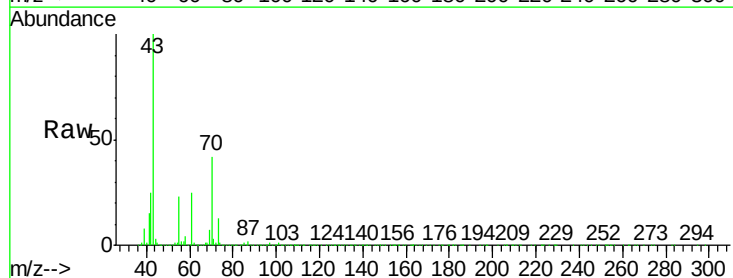
Ion Ratio Lower Upper

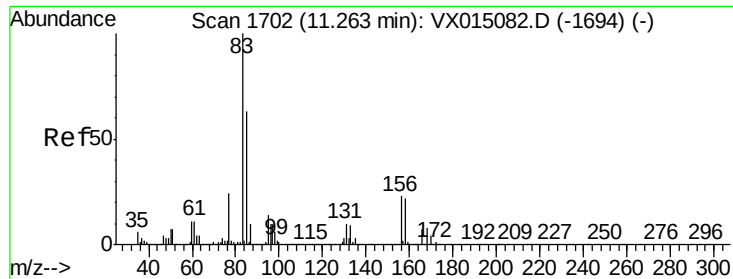
43 100

70 43.2 34.7 52.1

55 23.9 19.4 29.0

61 25.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 148.98 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

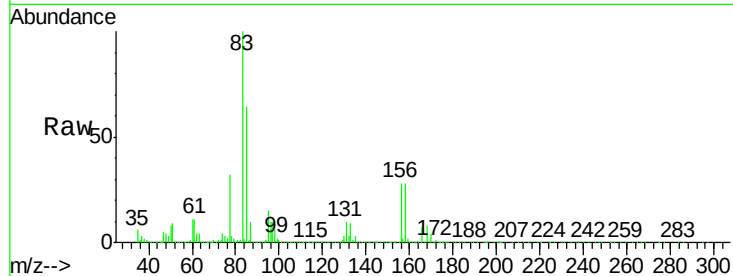
Tgt Ion: 83 Resp: 951520

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

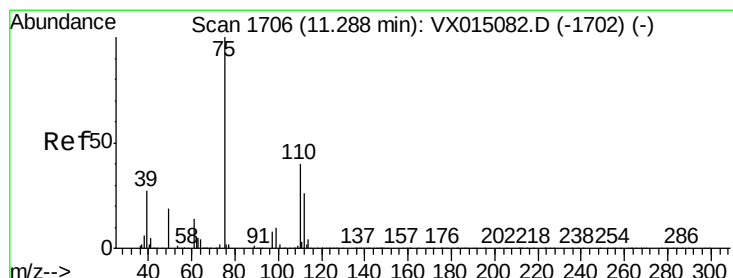
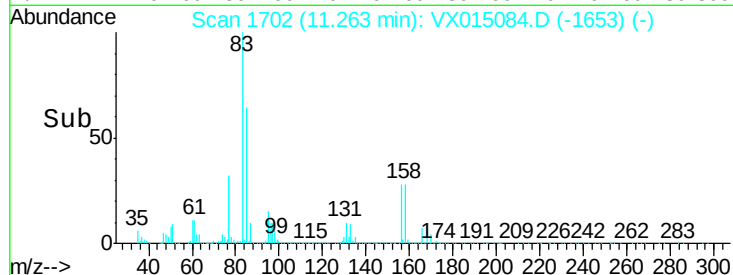
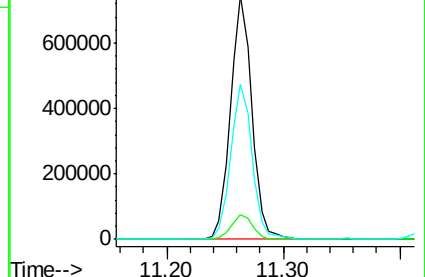
85 64.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 190.81 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX015084.D

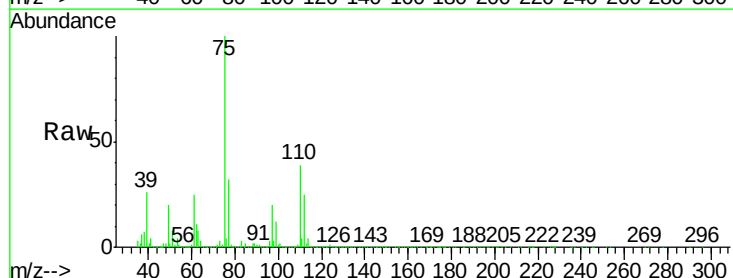
Acq: 04 Mar 2020 10:32

Tgt Ion: 75 Resp: 1123419

Ion Ratio Lower Upper

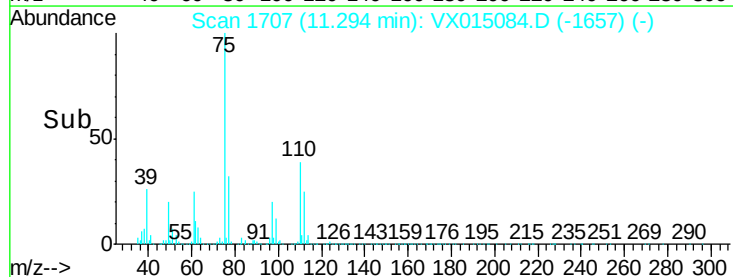
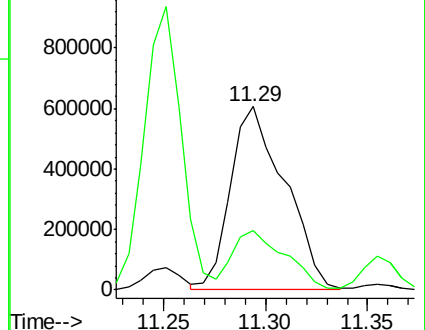
75 100

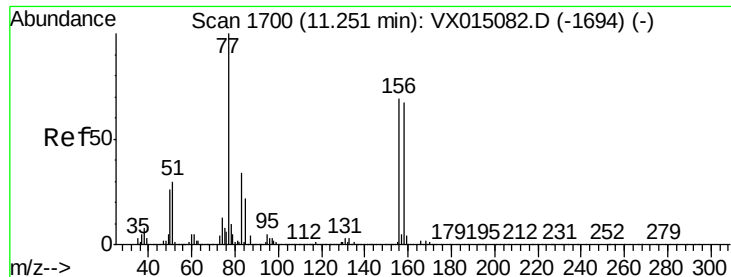
77 31.2 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 146.86 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

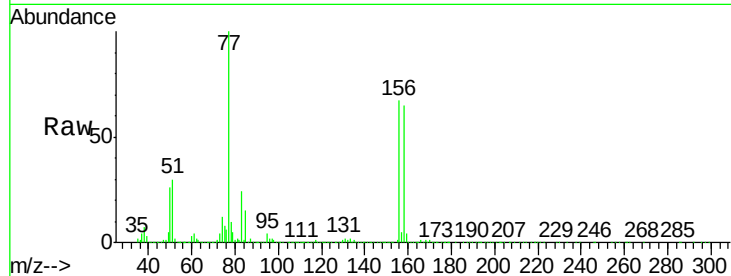
Tgt Ion:156 Resp: 784377

Ion Ratio Lower Upper

156 100

77 150.8 75.3 225.9

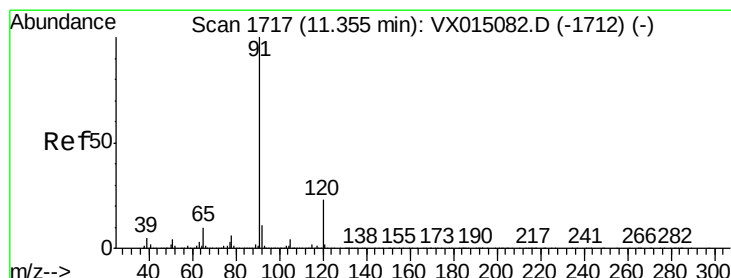
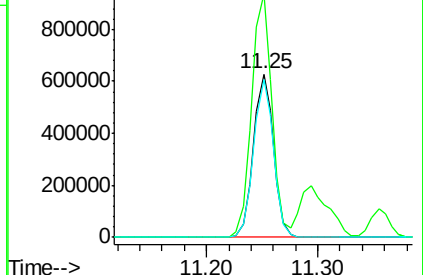
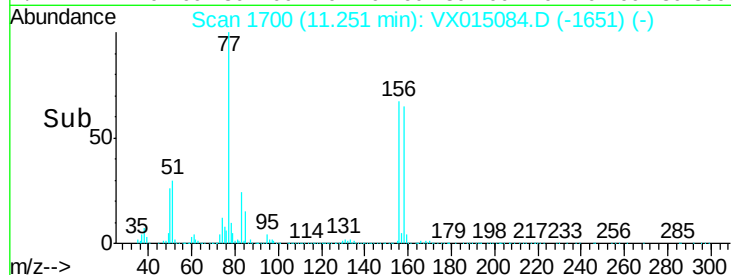
158 96.2 48.5 145.6



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: 154.33 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015084.D

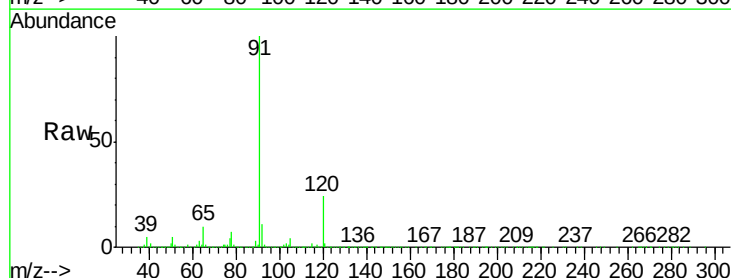
Acq: 04 Mar 2020 10:32

Tgt Ion: 91 Resp: 3379068

Ion Ratio Lower Upper

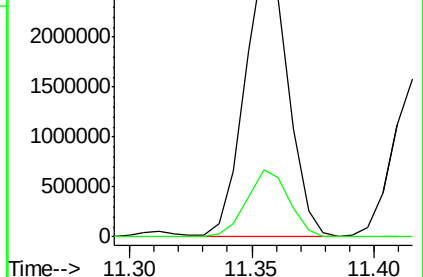
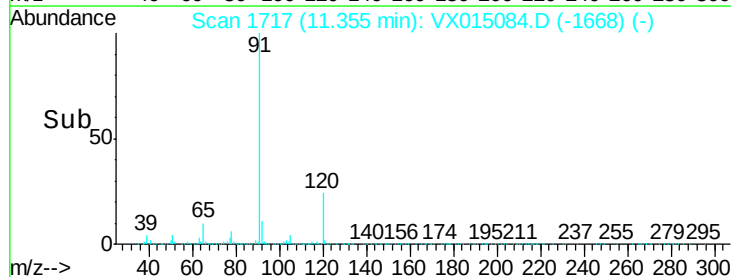
91 100

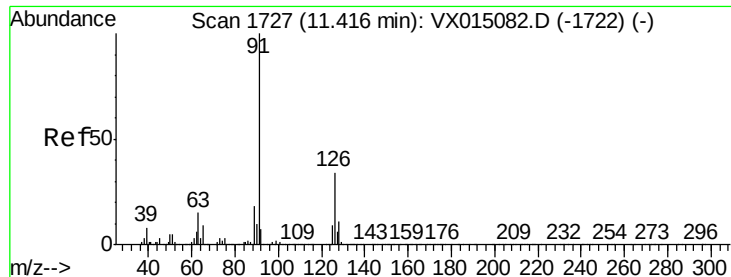
120 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 149.93 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

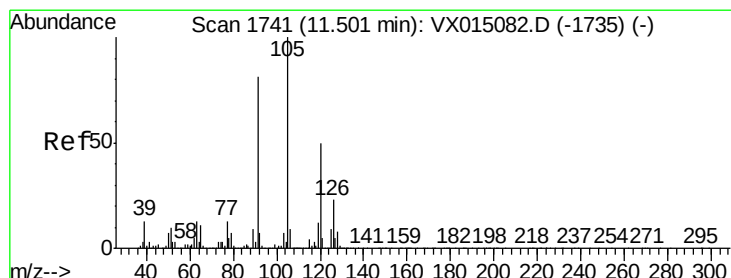
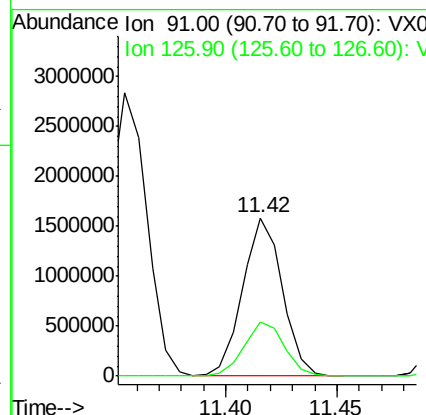
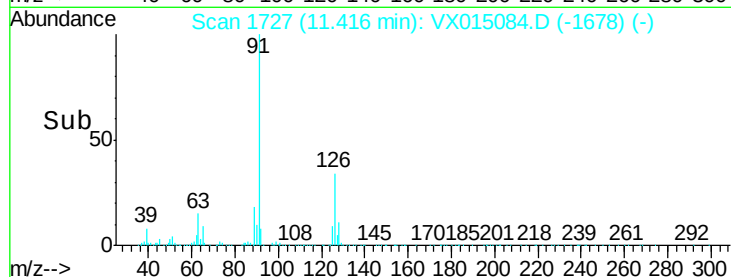
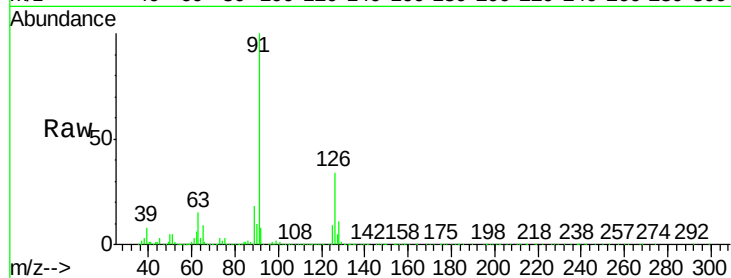
VSTDIC150

Tgt Ion: 91 Resp: 1960322

Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 157.47 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015084.D

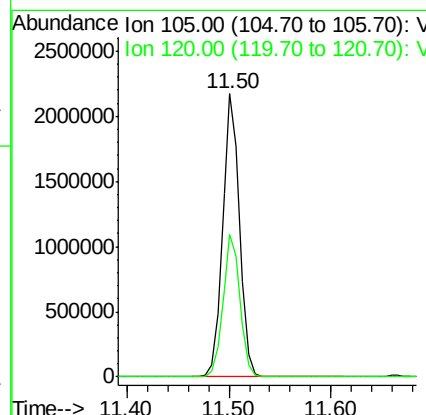
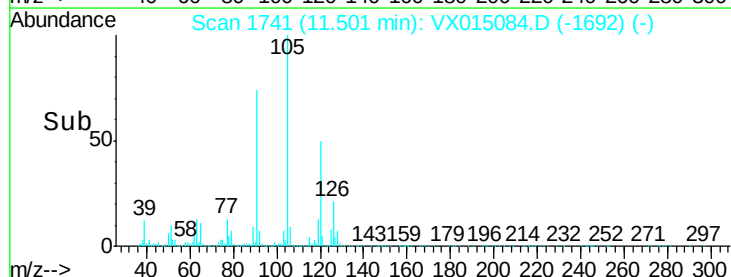
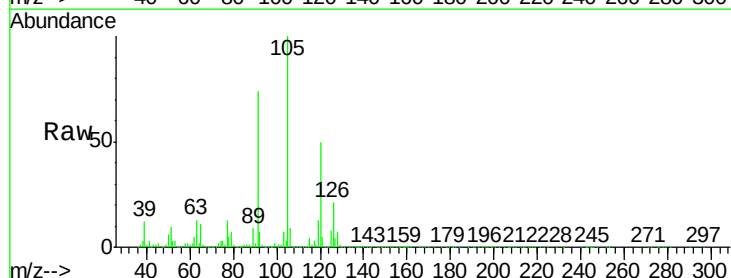
Acq: 04 Mar 2020 10:32

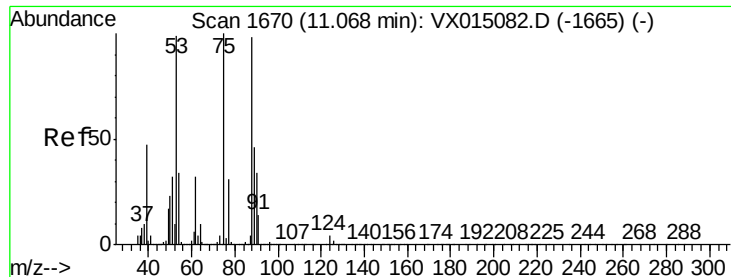
Tgt Ion: 105 Resp: 2512245

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.4

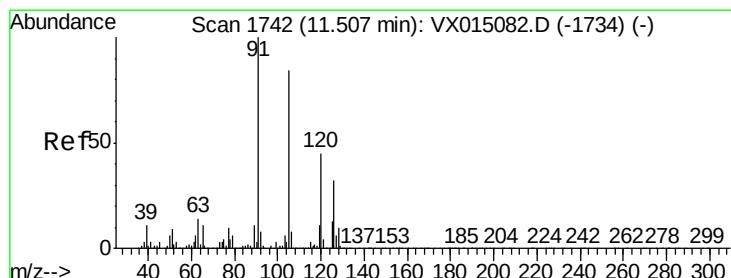
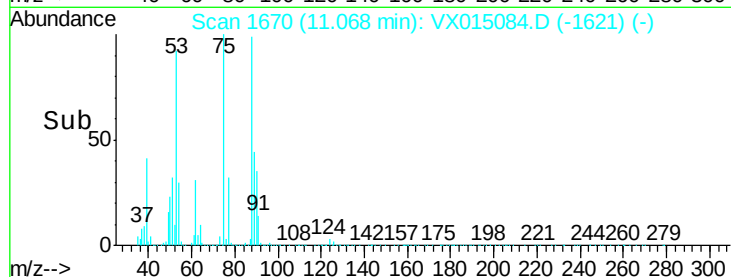
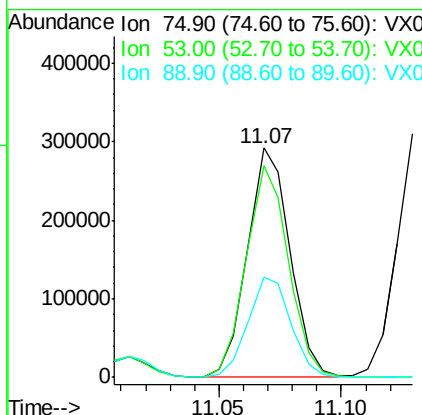
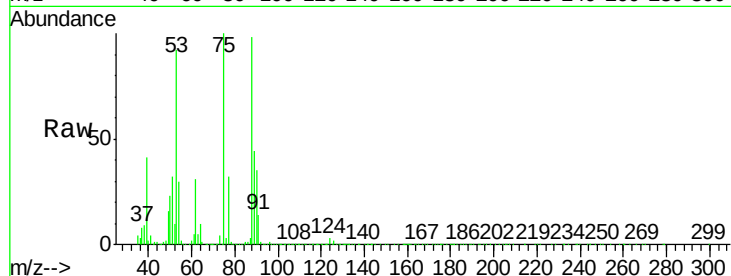




#81
trans-1,4-Dichloro-2-butene
Concen: 167.39 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

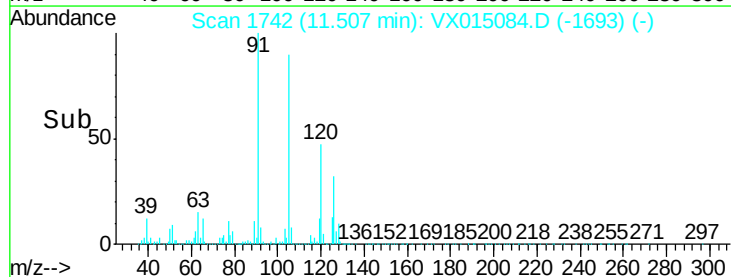
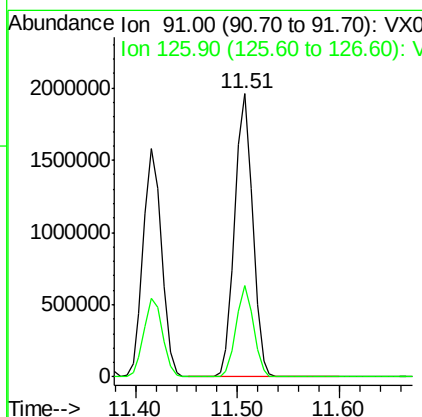
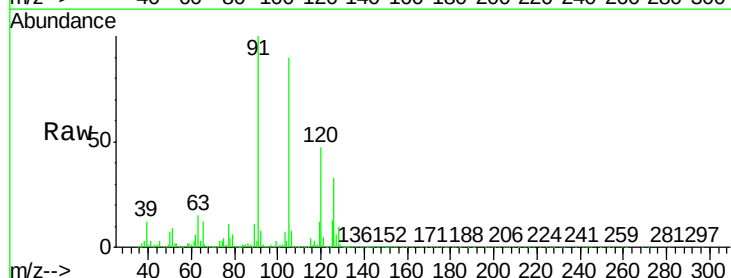
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

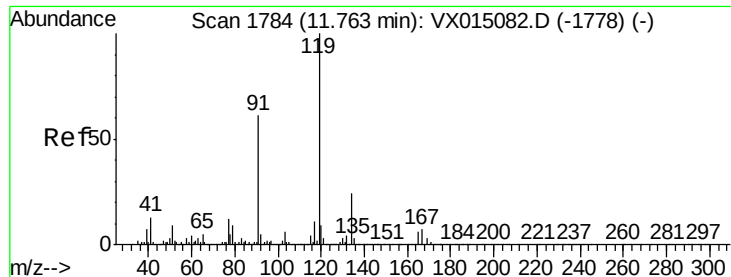
Tgt Ion: 75 Resp: 352946
Ion Ratio Lower Upper
75 100
53 91.5 77.9 116.9
89 44.5 36.2 54.2



#82
4-Chlorotoluene
Concen: 153.29 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion: 91 Resp: 2367980
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.2





#83

tert-Butylbenzene

Concen: 159.45 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

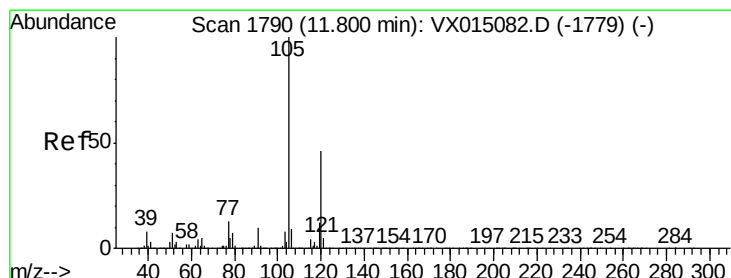
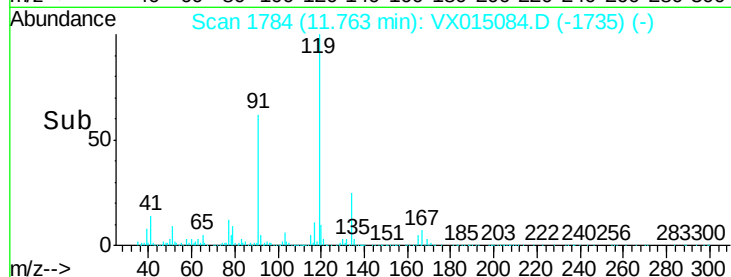
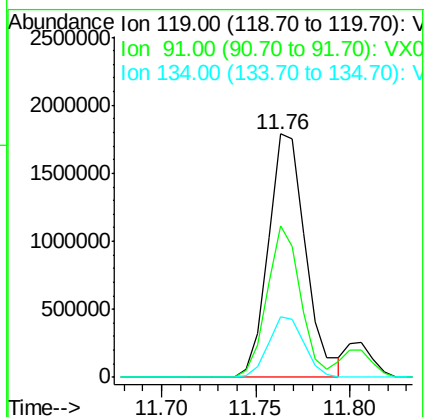
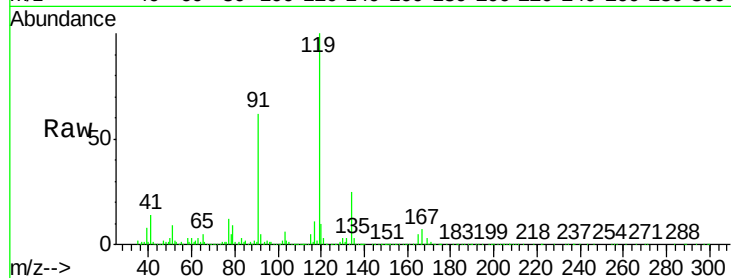
Tgt Ion:119 Resp: 2459699

Ion Ratio Lower Upper

119 100

91 55.4 28.5 85.6

134 23.7 11.9 35.7



#84

1,2,4-Trimethylbenzene

Concen: 156.67 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX015084.D

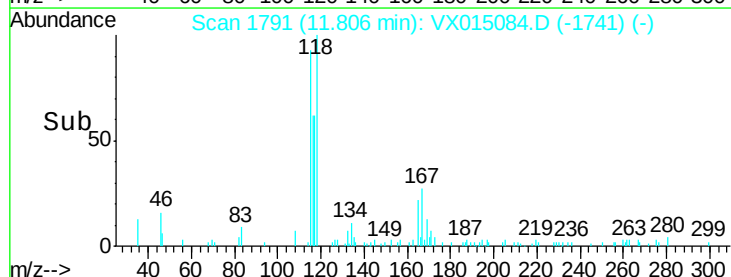
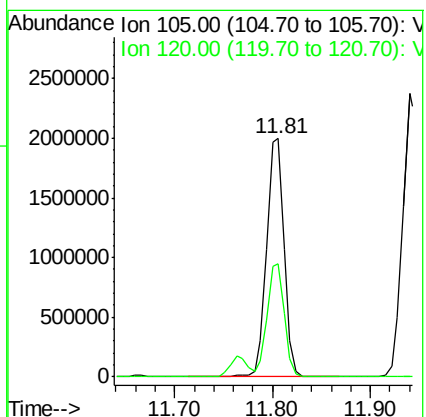
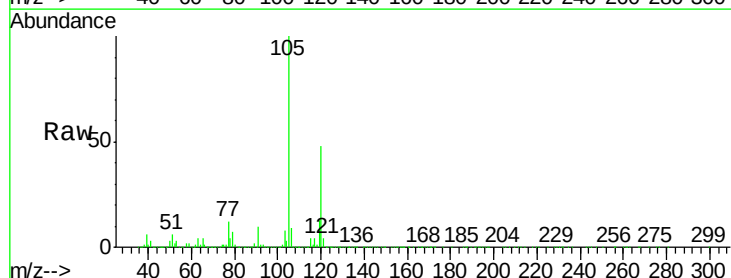
Acq: 04 Mar 2020 10:32

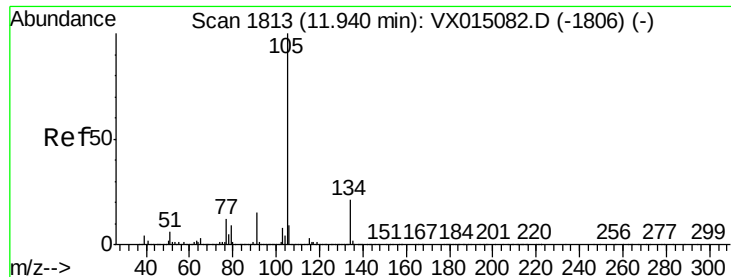
Tgt Ion:105 Resp: 2510975

Ion Ratio Lower Upper

105 100

120 46.7 22.9 68.5





#85

sec-Butylbenzene

Concen: 156.19 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

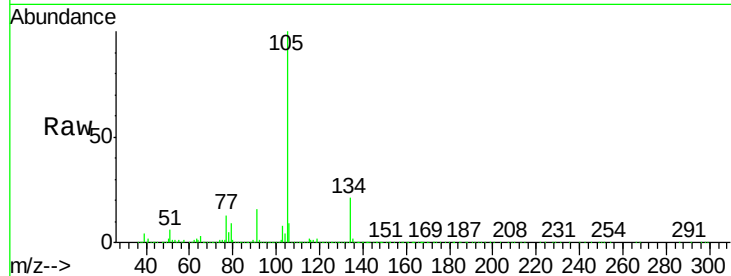
VSTDIC150

Tgt Ion:105 Resp: 2908435

Ion Ratio Lower Upper

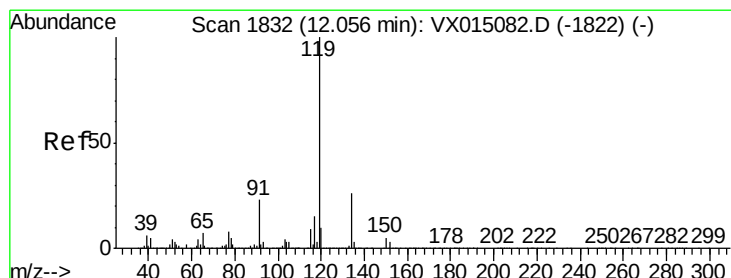
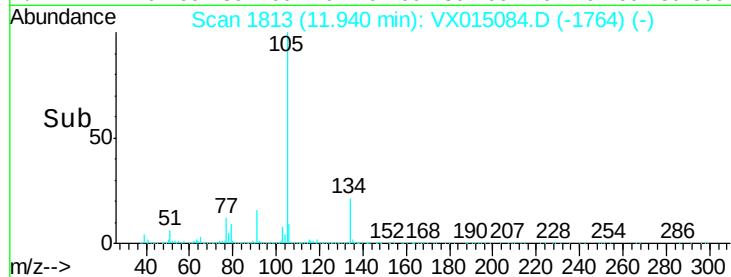
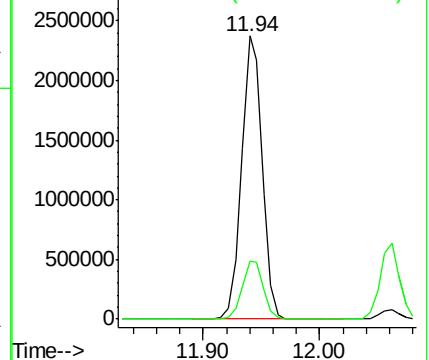
105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 158.82 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

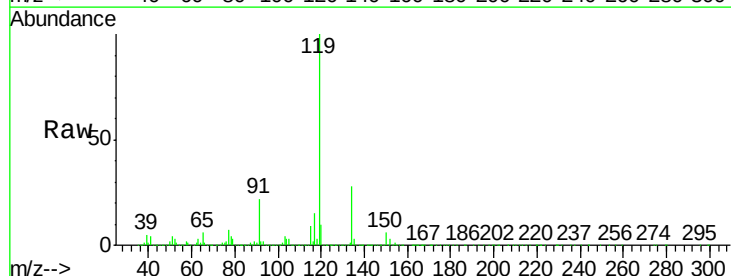
Tgt Ion:119 Resp: 2724874

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

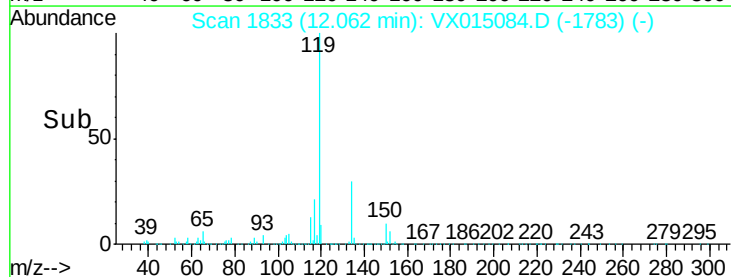
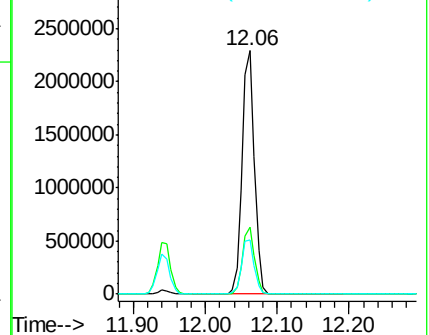
91 23.0 11.3 33.8

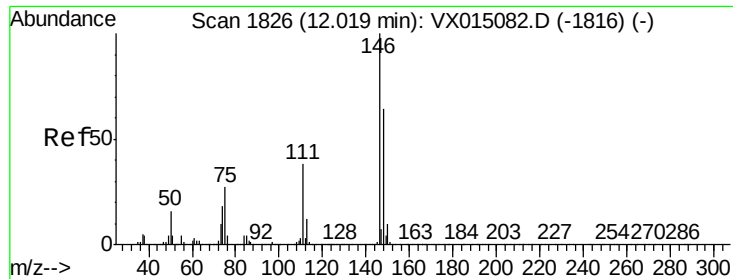


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 152.12 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

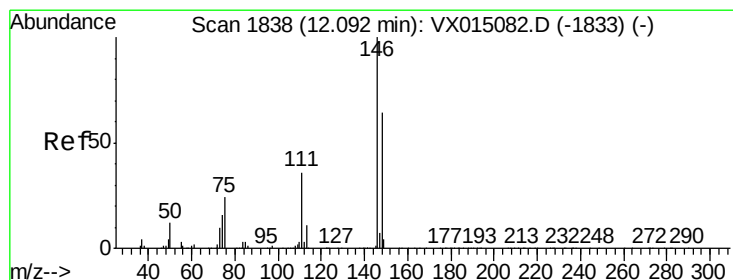
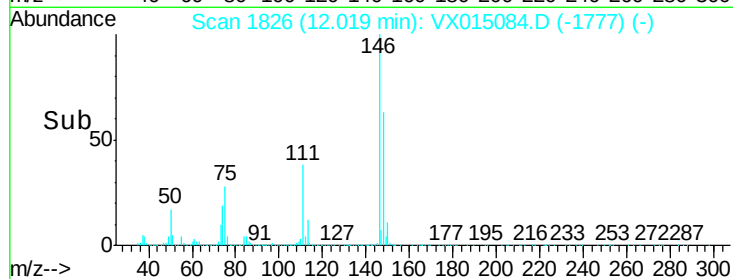
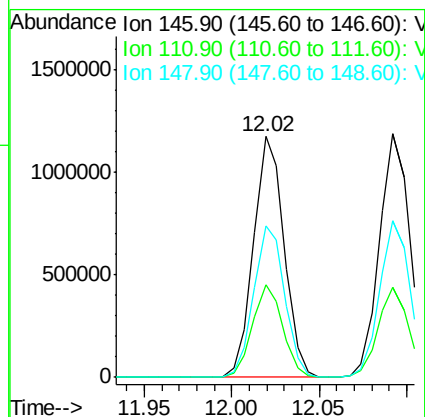
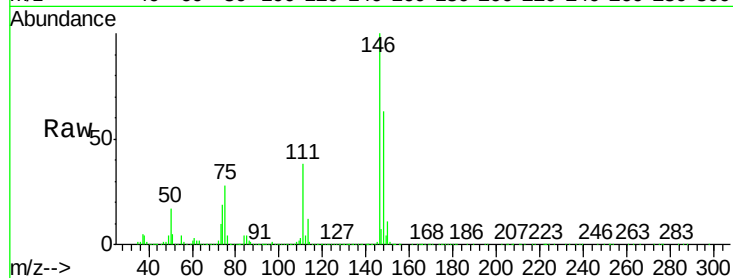
Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tgt Ion:146 Resp: 1428238

Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	63.7	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 152.00 ug/l

RT: 12.09 min Scan# 1838

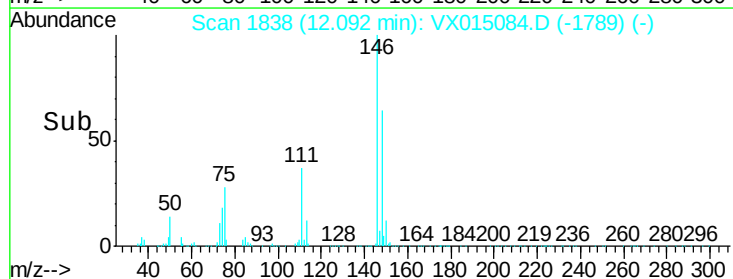
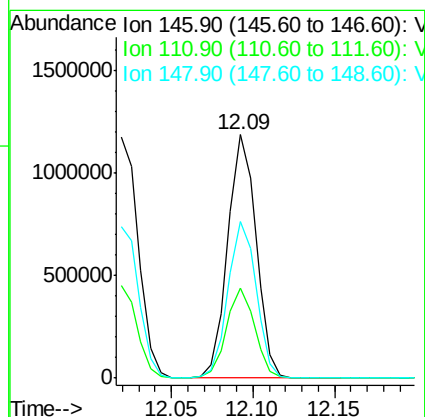
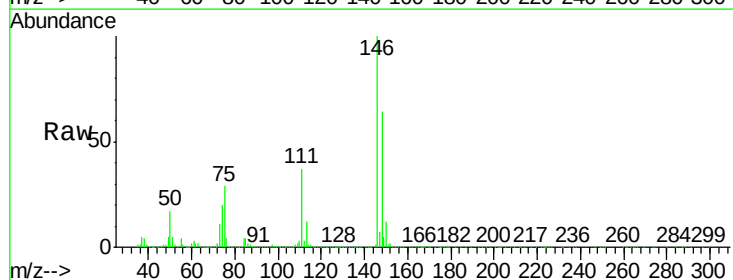
Delta R.T. -0.00 min

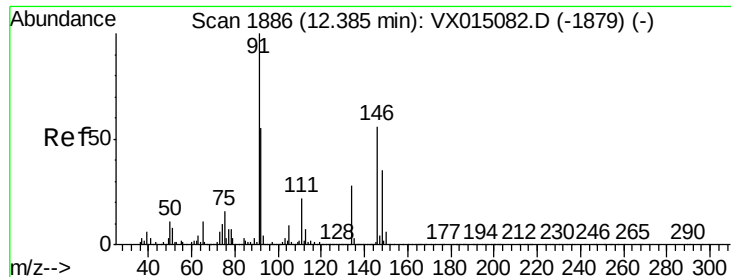
Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Tgt Ion:146 Resp: 1440611

Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.7	56.1
148	63.9	32.5	97.4

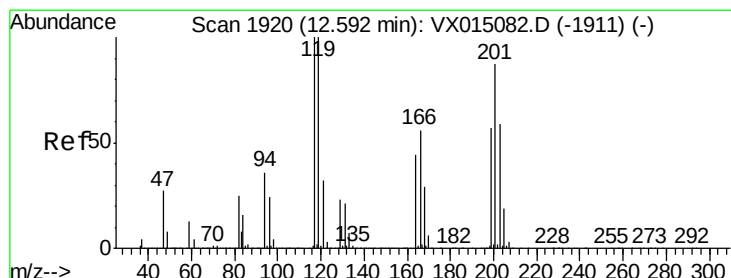
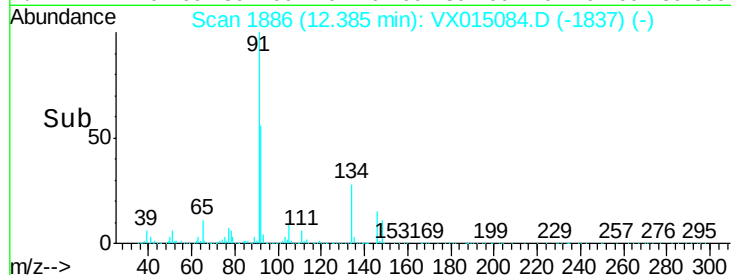
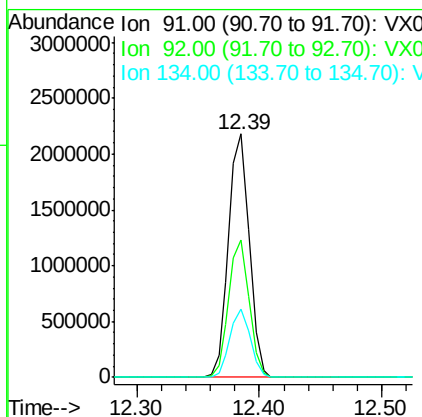
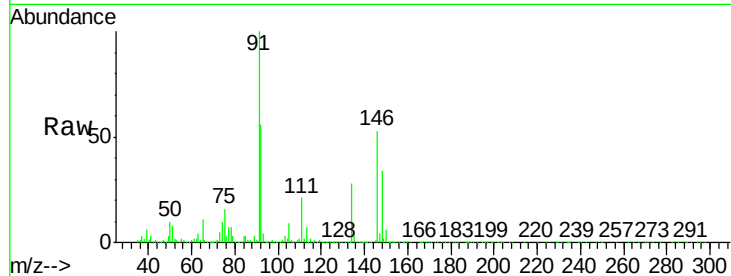




#89
n-Butylbenzene
Concen: 167.46 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

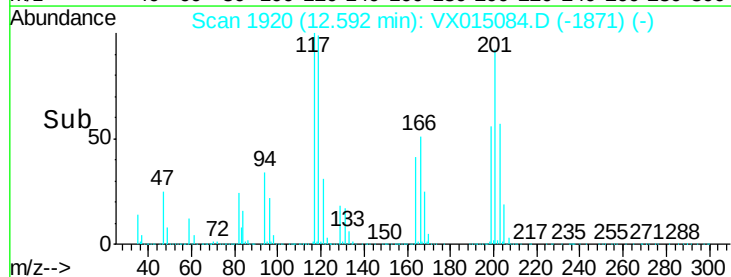
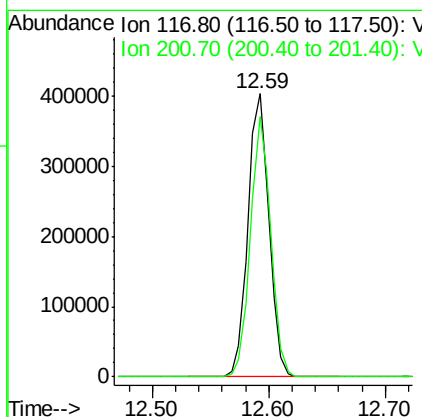
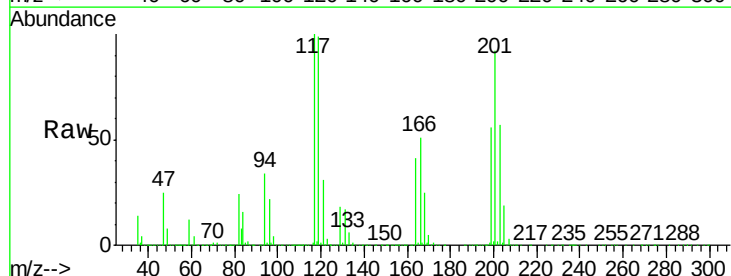
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

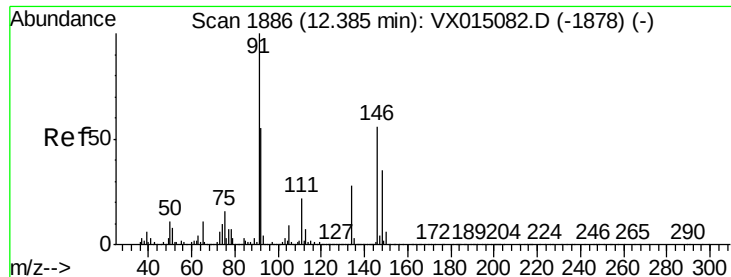
Tgt Ion: 91 Resp: 2555219
Ion Ratio Lower Upper
91 100
92 55.6 27.2 81.6
134 27.4 13.5 40.5



#90
Hexachloroethane
Concen: 156.68 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion: 117 Resp: 508190
Ion Ratio Lower Upper
117 100
201 89.0 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 153.31 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

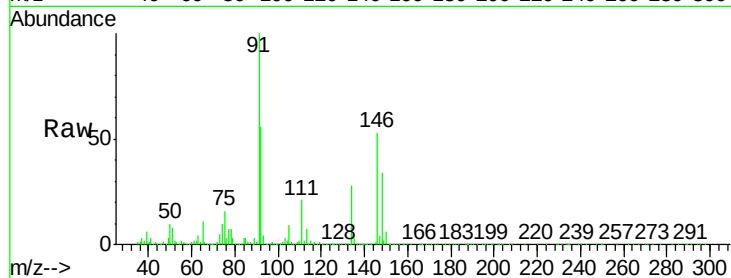
Tgt Ion:146 Resp: 1431082

Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.7

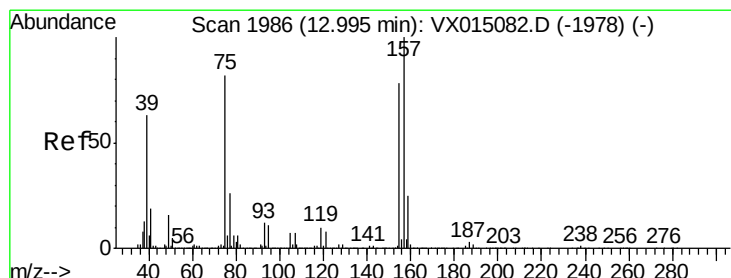
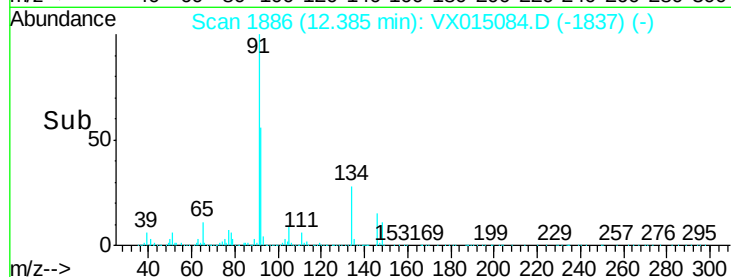
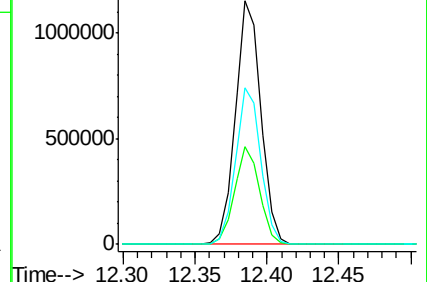
148 63.8 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 163.41 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015084.D

Acq: 04 Mar 2020 10:32

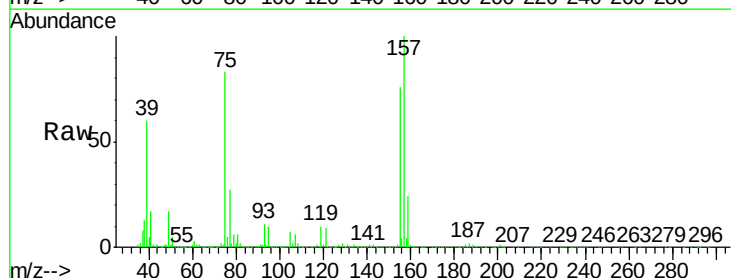
Tgt Ion: 75 Resp: 208989

Ion Ratio Lower Upper

75 100

155 95.3 46.6 139.7

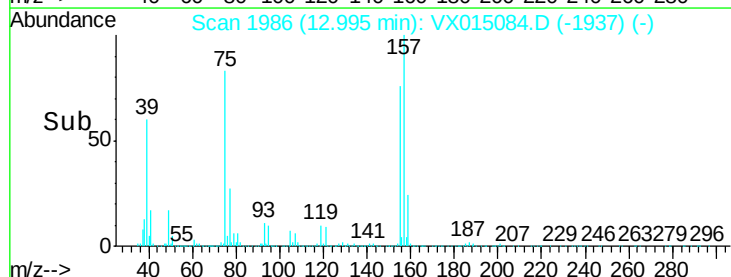
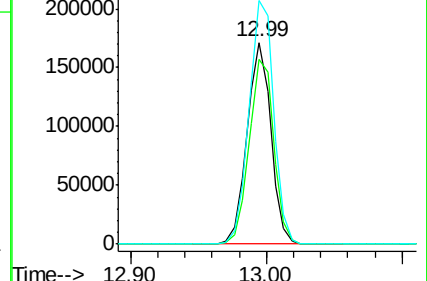
157 125.8 59.2 177.5

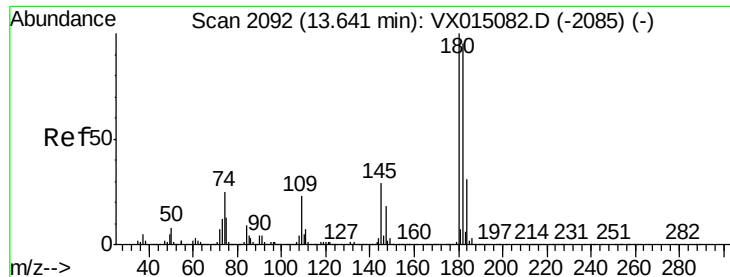


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

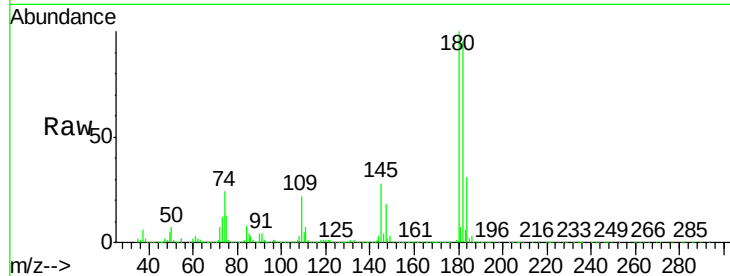




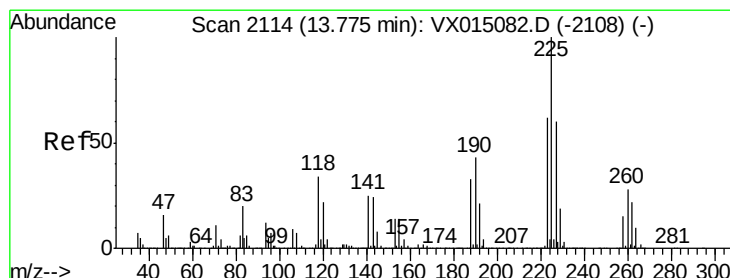
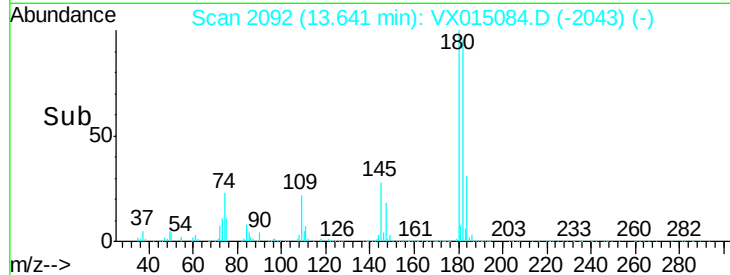
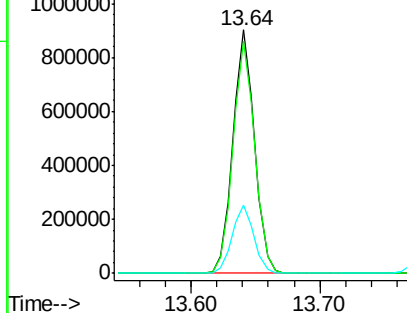
#93
 1,2,4-Trichlorobenzene
 Concen: 162.93 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 1055722
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.6 142.8
 145 28.3 14.1 42.2

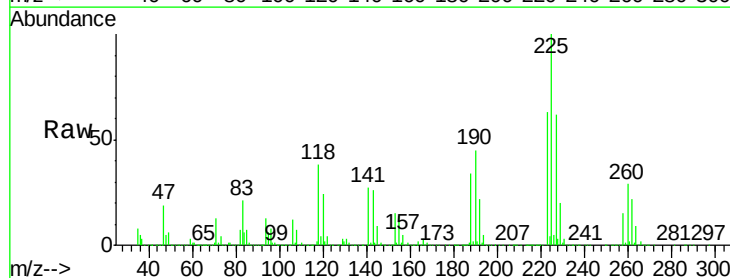


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

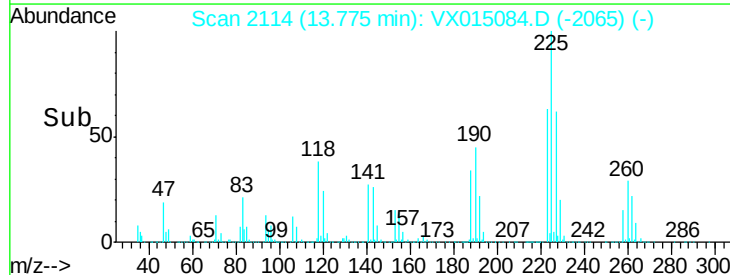
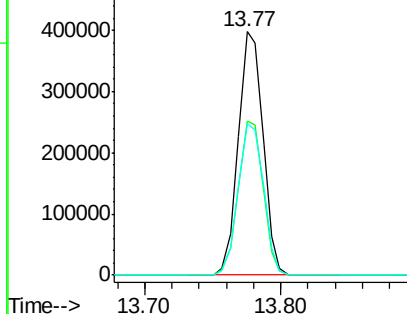


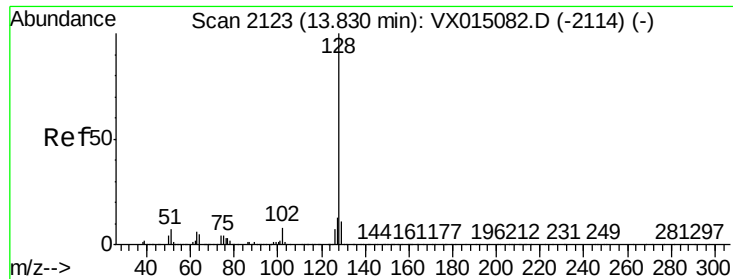
#94
 Hexachlorobutadiene
 Concen: 151.40 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015084.D
 Acq: 04 Mar 2020 10:32

Tgt Ion:225 Resp: 503386
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.3 93.9
 227 63.5 31.1 93.2



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

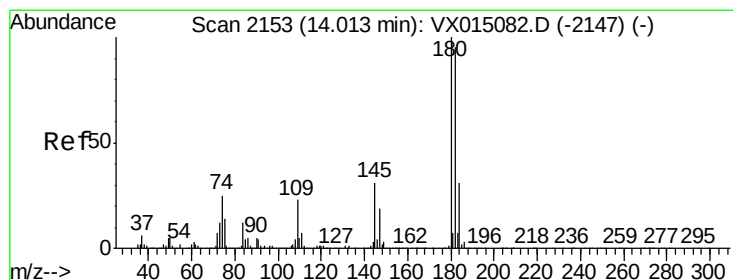
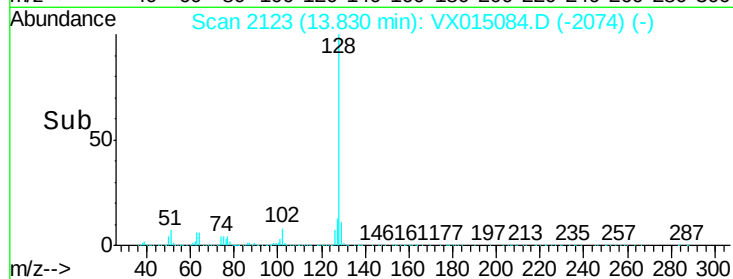
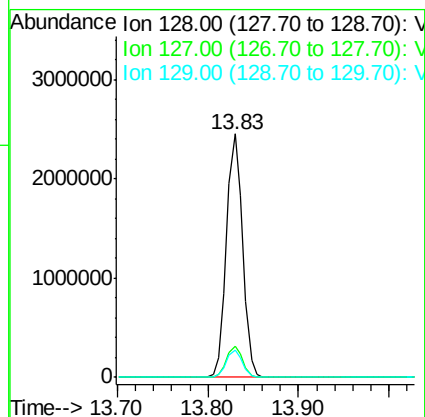
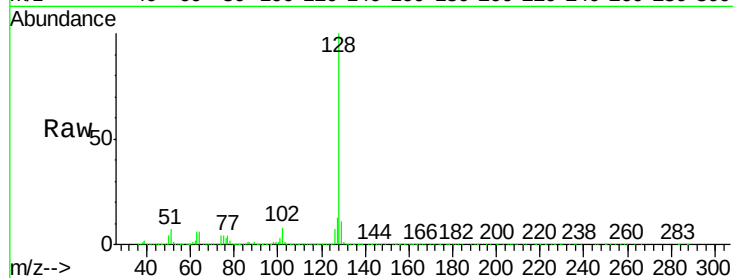




#95
Naphthalene
Concen: 171.14 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 3031079
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 160.96 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015084.D
Acq: 04 Mar 2020 10:32

Tgt Ion:180 Resp: 1040603
Ion Ratio Lower Upper
180 100
182 96.3 47.8 143.4
145 30.0 15.1 45.3

