

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
 Data File : VX015083.D
 Acq On : 04 Mar 2020 10:09
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 04 13:17:52 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	385482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	593511	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	547544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	285364	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	446696	97.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.36%	
35) Dibromofluoromethane	5.49	113	373742	99.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.64%	
50) Toluene-d8	8.71	98	1429244	100.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.70%	
62) 4-Bromofluorobenzene	11.13	95	507436	99.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	331869	98.32	ug/l	99
3) Chloromethane	1.32	50	451165	94.36	ug/l	100
4) Vinyl Chloride	1.40	62	466731	96.26	ug/l	99
5) Bromomethane	1.64	94	298753	100.23	ug/l	99
6) Chloroethane	1.72	64	280486	96.44	ug/l	99
7) Trichlorofluoromethane	1.92	101	567913	98.44	ug/l	98
8) Diethyl Ether	2.18	74	258474	97.88	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	356265	98.15	ug/l	99
10) Methyl Iodide	2.50	142	456292	111.27	ug/l	100
11) Tert butyl alcohol	3.06	59	388451	489.57	ug/l	99
12) 1,1-Dichloroethene	2.37	96	368944	98.49	ug/l	99
13) Acrolein	2.28	56	365993	490.83	ug/l	99
14) Allyl chloride	2.72	41	666127	101.98	ug/l	100
15) Acrylonitrile	3.14	53	999063	505.59	ug/l	99
16) Acetone	2.44	43	861711	465.27	ug/l	100
17) Carbon Disulfide	2.56	76	1040514	100.02	ug/l	100
18) Methyl Acetate	2.76	43	428581	94.64	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1199039	102.43	ug/l	100
20) Methylene Chloride	2.85	84	404739	93.38	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	395981	99.00	ug/l	98
22) Diisopropyl ether	3.84	45	1321322	101.54	ug/l	99
23) Vinyl Acetate	3.81	43	5714785	534.23	ug/l	100
24) 1,1-Dichloroethane	3.69	63	717999	99.41	ug/l	100
25) 2-Butanone	4.66	43	1373182	506.44	ug/l	99
26) 2,2-Dichloropropane	4.58	77	573021	99.94	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	449141	100.09	ug/l	99
28) Bromochloromethane	5.01	49	330761	100.57	ug/l	98
29) Tetrahydrofuran	5.11	42	884326	505.96	ug/l	99
30) Chloroform	5.20	83	692902	98.43	ug/l	100
31) Cyclohexane	5.57	56	657478	102.06	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	597648	102.42	ug/l	98
36) 1,1-Dichloropropene	5.79	75	546696	99.57	ug/l	99
37) Ethyl Acetate	4.82	43	550410	108.09	ug/l	99
38) Carbon Tetrachloride	5.78	117	520809	100.49	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030420\
 Data File : VX015083.D
 Acq On : 04 Mar 2020 10:09
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 04 13:17:52 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)
39) Methylcyclohexane	7.46	83	663740	103.54	ug/l	99
40) Benzene	6.14	78	1608548	98.75	ug/l	99
41) Methacrylonitrile	5.03	41	309775	109.70	ug/l	98
42) 1,2-Dichloroethane	6.19	62	557106	99.60	ug/l	98
43) Isopropyl Acetate	6.44	43	925530	103.31	ug/l	100
44) Trichloroethene	7.21	130	452115	99.66	ug/l	98
45) 1,2-Dichloropropane	7.51	63	422396	100.19	ug/l	100
46) Dibromomethane	7.65	93	272167	99.07	ug/l	99
47) Bromodichloromethane	7.89	83	560255	103.13	ug/l	99
48) Methyl methacrylate	7.76	41	465899	102.17	ug/l	99
49) 1,4-Dioxane	7.74	88	189846	1930.13	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2738962	517.11	ug/l	99
52) Toluene	8.78	92	1014787	101.90	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	634625	109.05	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	697865	106.76	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	402273	98.13	ug/l	97
56) Ethyl methacrylate	9.17	69	642442	109.89	ug/l	99
57) 1,3-Dichloropropane	9.37	76	689174	99.93	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1692470	531.36	ug/l	99
59) 2-Hexanone	9.49	43	2055703	523.67	ug/l	98
60) Dibromochloromethane	9.58	129	449203	104.32	ug/l	99
61) 1,2-Dibromoethane	9.67	107	421304	97.85	ug/l	100
64) Tetrachloroethene	9.33	164	438882	96.94	ug/l	99
65) Chlorobenzene	10.14	112	1089678	99.13	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	413342	99.72	ug/l	99
67) Ethyl Benzene	10.25	91	1962274	105.12	ug/l	100
68) m/p-Xylenes	10.36	106	1491791	210.05	ug/l	99
69) o-Xylene	10.70	106	706252	103.86	ug/l	99
70) Styrene	10.71	104	1239001	106.27	ug/l	100
71) Bromoform	10.85	173	344303	107.11	ug/l	97
73) Isopropylbenzene	11.01	105	1892770	103.83	ug/l	100
74) N-amyl acetate	10.89	43	825422	107.44	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	585810	96.43	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	694432	124.00	ug/l	78
77) Bromobenzene	11.25	156	492320	96.91	ug/l	100
78) n-propylbenzene	11.35	91	2176785	104.52	ug/l	100
79) 2-Chlorotoluene	11.42	91	1245766	100.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1584340	104.40	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	213727	106.56	ug/l	98
82) 4-Chlorotoluene	11.51	91	1485822	101.12	ug/l	99
83) tert-Butylbenzene	11.76	119	1517709	103.43	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1597310	104.78	ug/l	99
85) sec-Butylbenzene	11.94	105	1861811	105.11	ug/l	100
86) p-Isopropyltoluene	12.06	119	1725595	105.74	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	886188	99.23	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	885905	98.27	ug/l	99
89) n-Butylbenzene	12.39	91	1595254	109.91	ug/l	100
90) Hexachloroethane	12.59	117	318231	103.15	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	879729	99.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	128869	105.93	ug/l	95

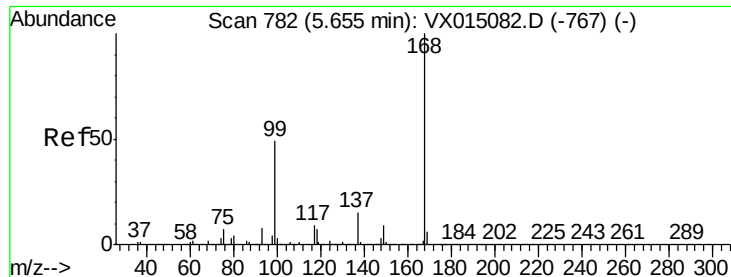
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
Data File : VX015083.D
Acq On : 04 Mar 2020 10:09
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Mar 04 13:17:52 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)
93) 1,2,4-Trichlorobenzene	13.64	180	669359	108.60	ug/l	99
94) Hexachlorobutadiene	13.78	225	310074	98.04	ug/l	97
95) Naphthalene	13.83	128	1941806	115.26	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	665793	108.27	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

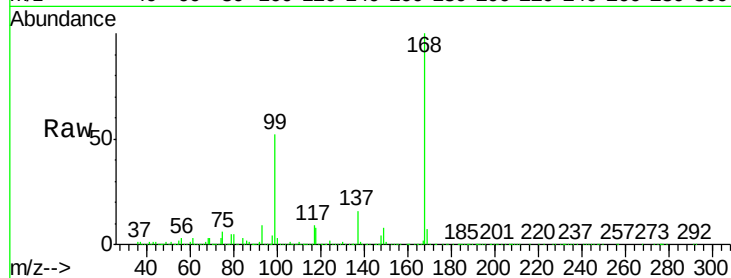
VSTDIC100

Tgt Ion:168 Resp: 385482

Ion Ratio Lower Upper

168 100

99 51.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

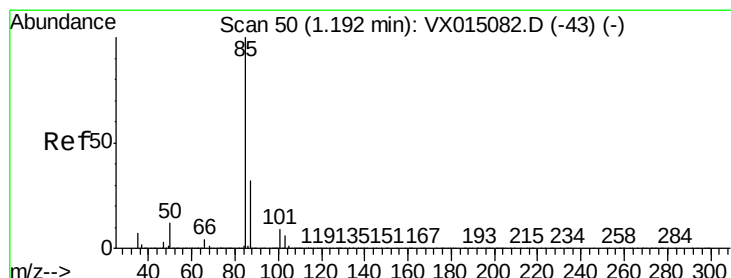
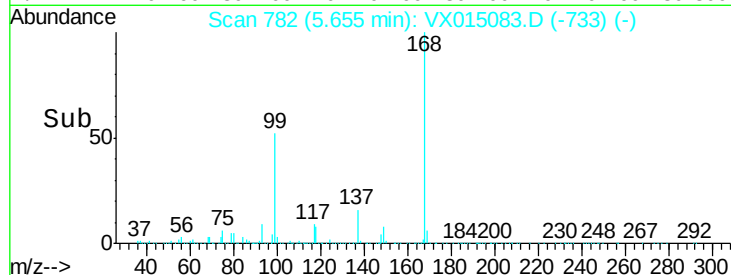
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 98.32 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015083.D

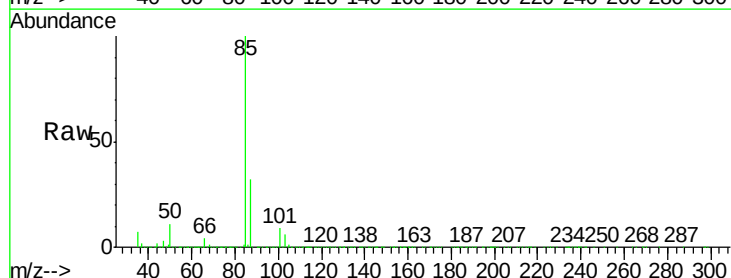
Acq: 04 Mar 2020 10:09

Tgt Ion: 85 Resp: 331869

Ion Ratio Lower Upper

85 100

87 31.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

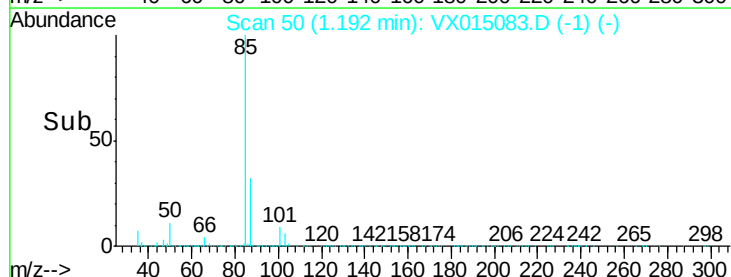
300000

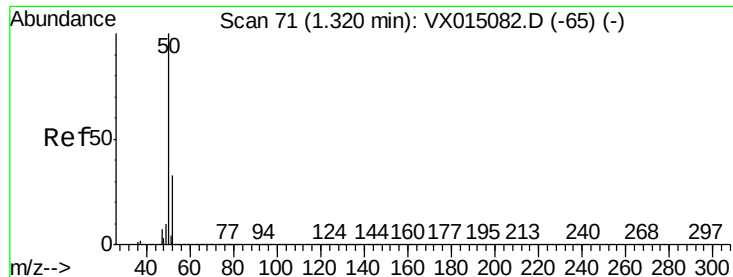
200000

100000

0

Time-->

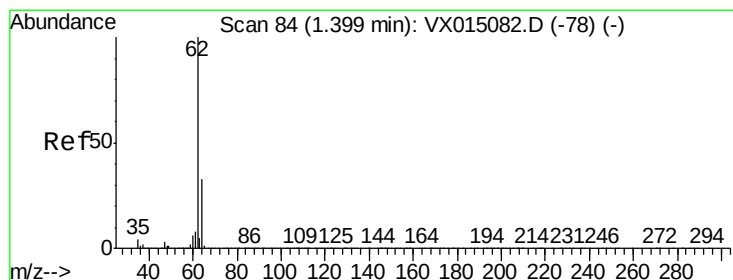
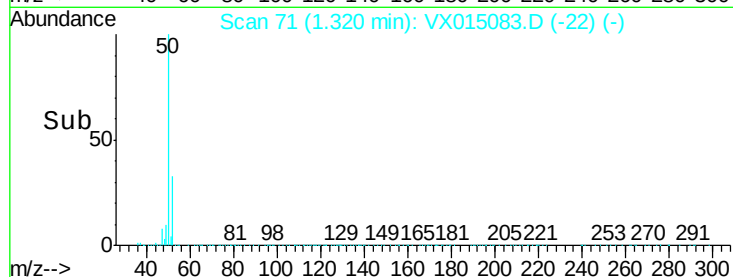
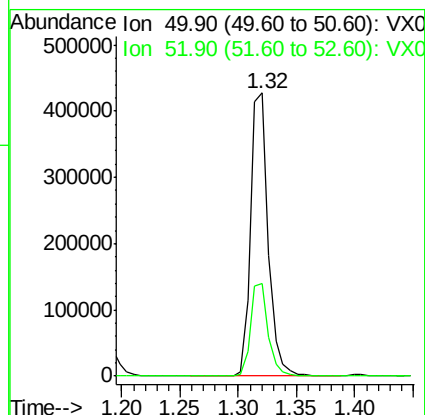
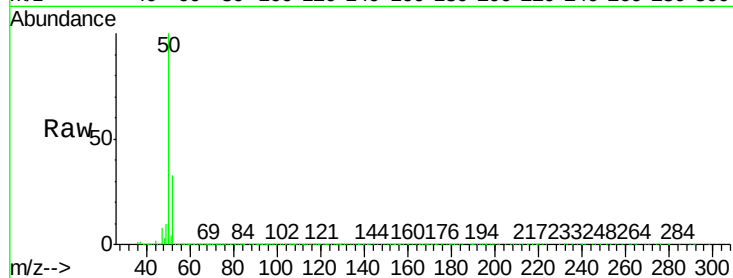




#3
Chloromethane
Concen: 94.36 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

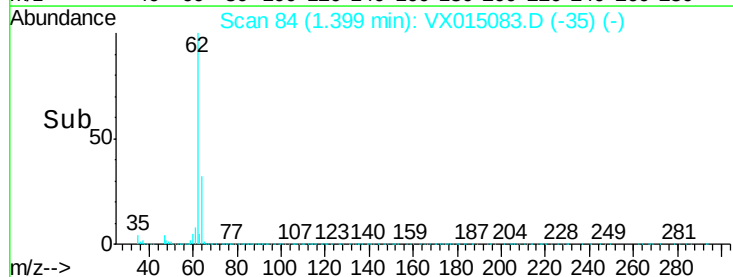
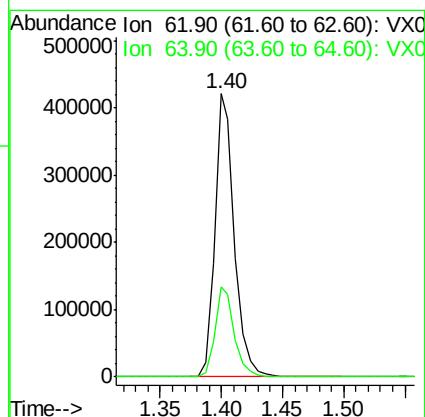
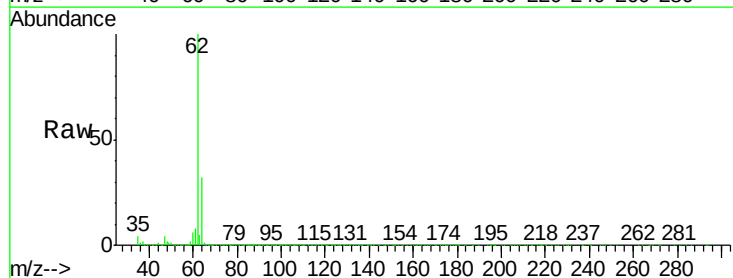
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

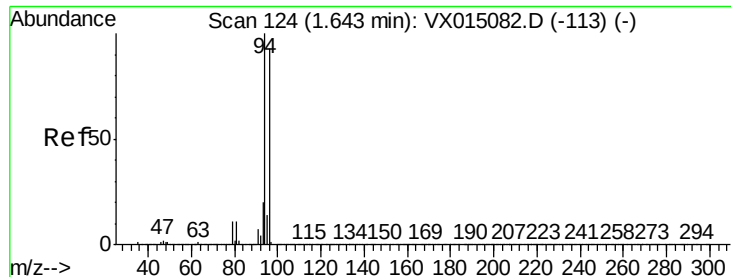
Tgt Ion: 50 Resp: 451165
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.2



#4
Vinyl Chloride
Concen: 96.26 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion: 62 Resp: 466731
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1





#5

Bromomethane

Concen: 100.23 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

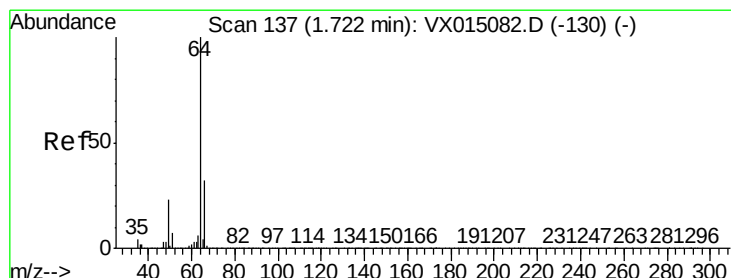
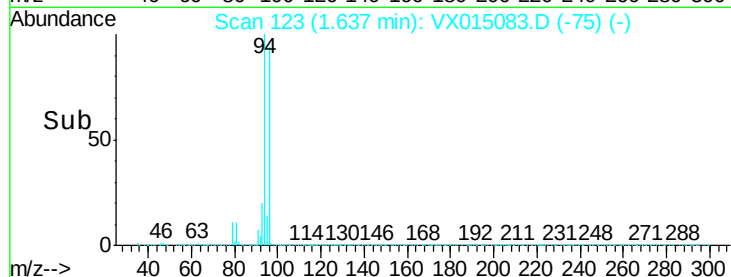
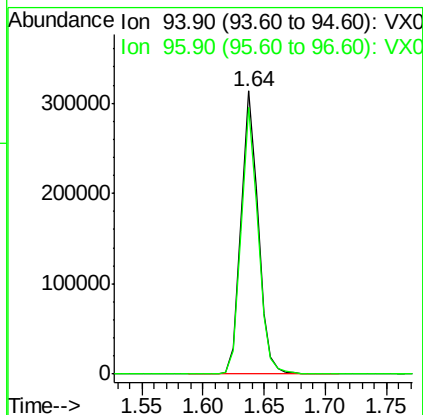
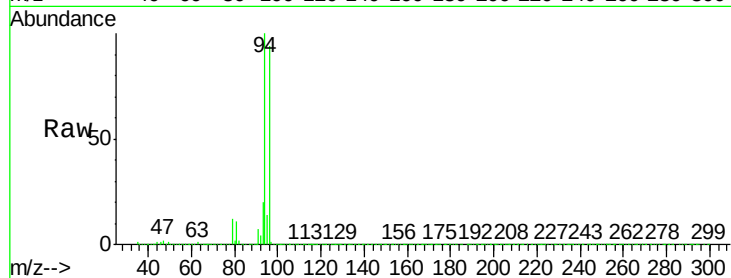
VSTDIC100

Tgt Ion: 94 Resp: 298753

Ion Ratio Lower Upper

94 100

96 94.3 74.6 111.8



#6

Chloroethane

Concen: 96.44 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015083.D

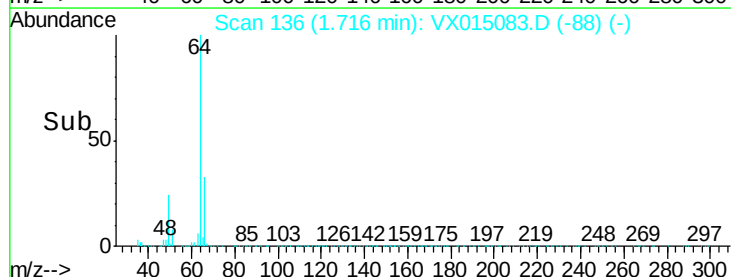
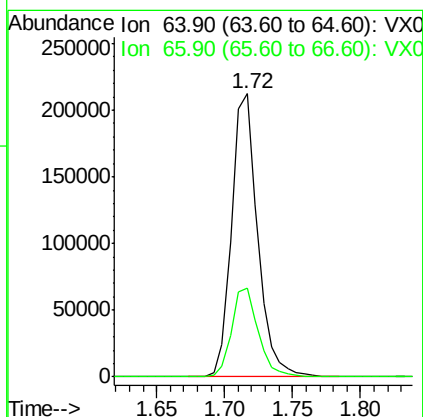
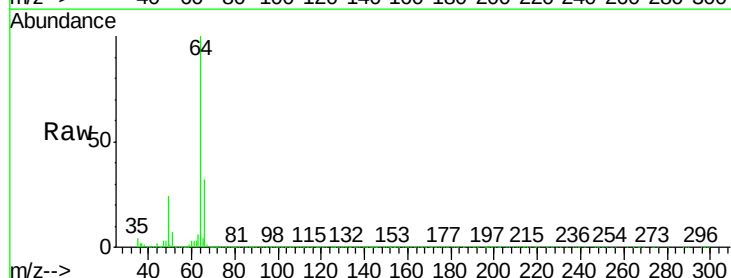
Acq: 04 Mar 2020 10:09

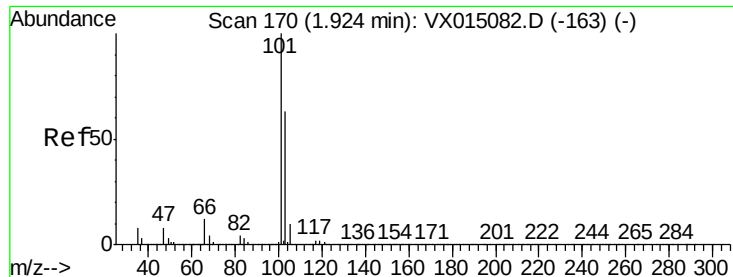
Tgt Ion: 64 Resp: 280486

Ion Ratio Lower Upper

64 100

66 31.5 25.8 38.8





#7

Trichlorofluoromethane

Concen: 98.44 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

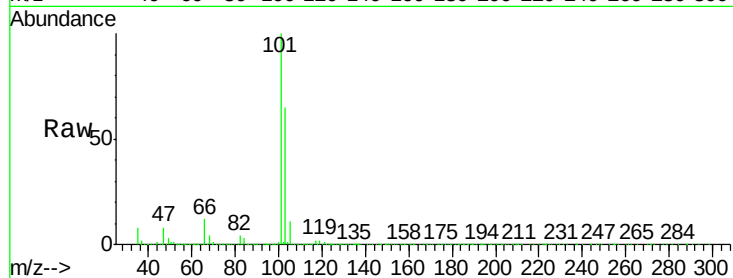
VSTDICC100

Tgt Ion:101 Resp: 567913

Ion Ratio Lower Upper

101 100

103 64.5 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.92

400000

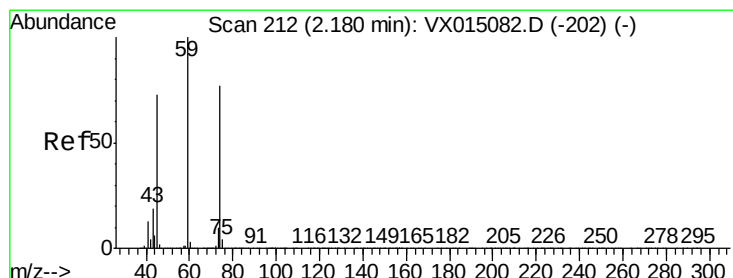
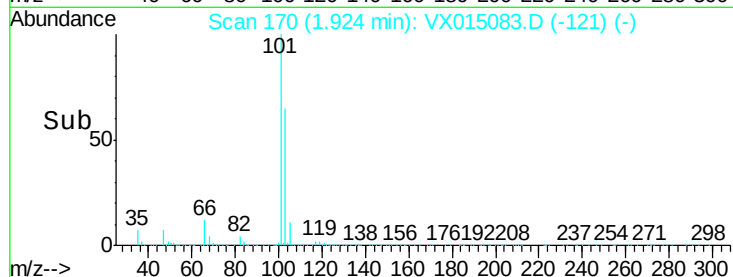
300000

200000

100000

0

Time--> 1.80 1.90 2.00



#8

Diethyl Ether

Concen: 97.88 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX015083.D

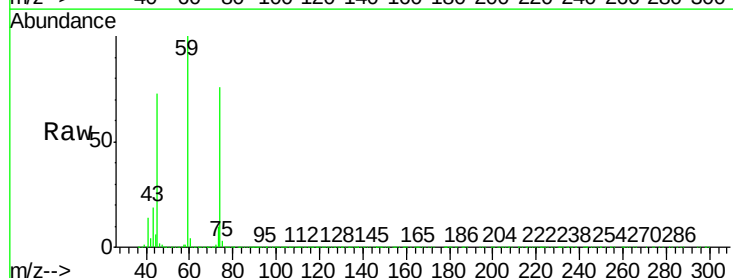
Acq: 04 Mar 2020 10:09

Tgt Ion: 74 Resp: 258474

Ion Ratio Lower Upper

74 100

45 98.2 49.2 147.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.18

200000

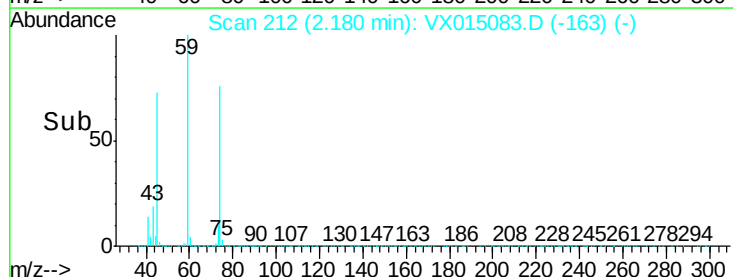
150000

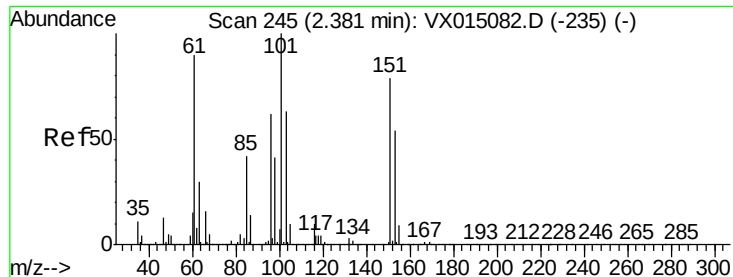
100000

50000

0

Time--> 2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.15 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

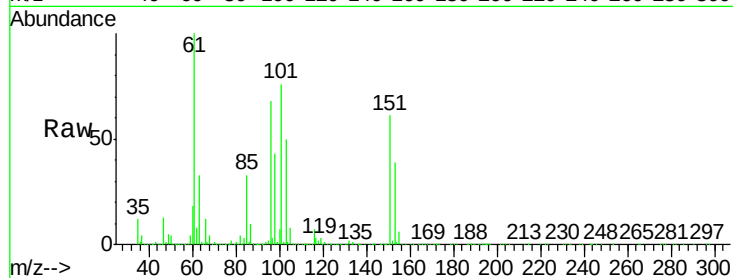
Tgt Ion:101 Resp: 356265

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

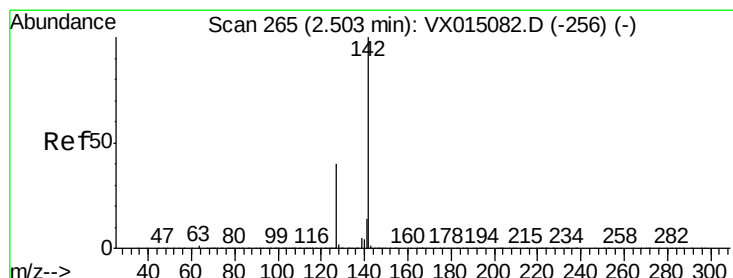
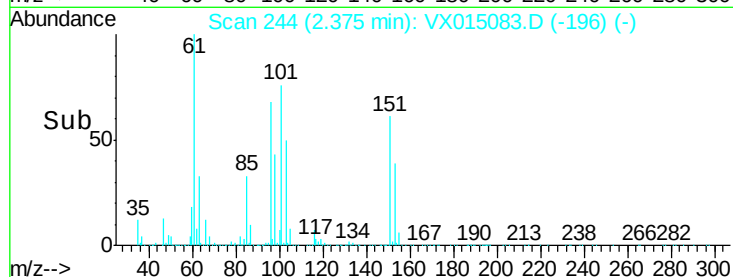
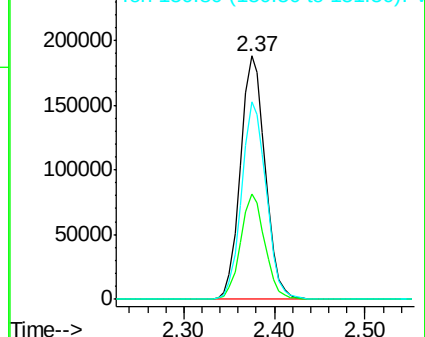
151 80.9 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 111.27 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

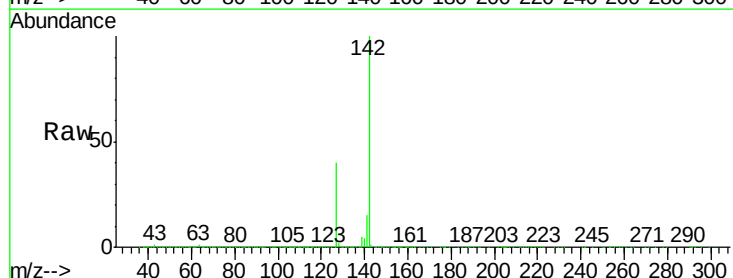
Tgt Ion:142 Resp: 456292

Ion Ratio Lower Upper

142 100

127 39.5 31.7 47.5

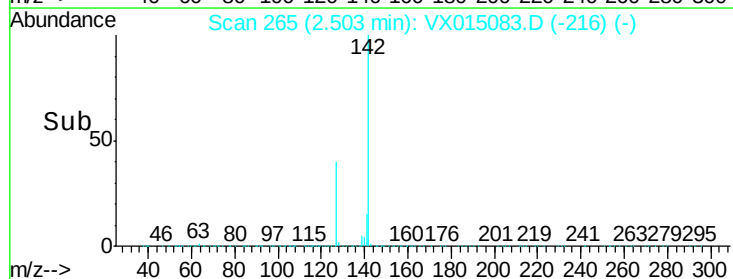
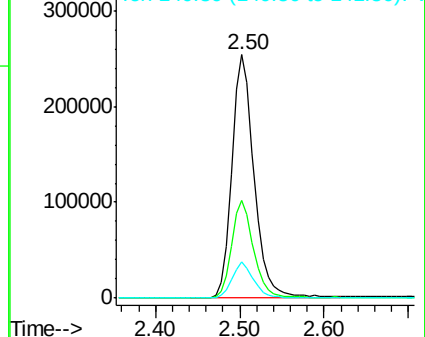
141 14.2 11.3 16.9

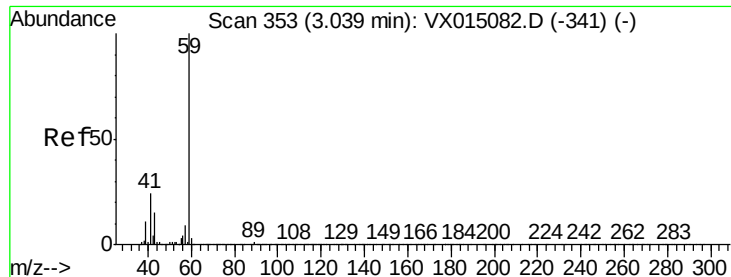


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 489.57 ug/l

RT: 3.06 min Scan# 356

Delta R.T. 0.02 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

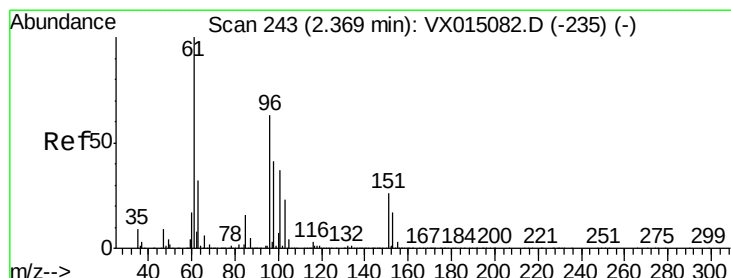
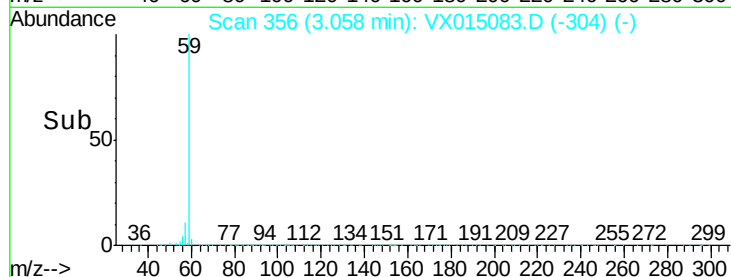
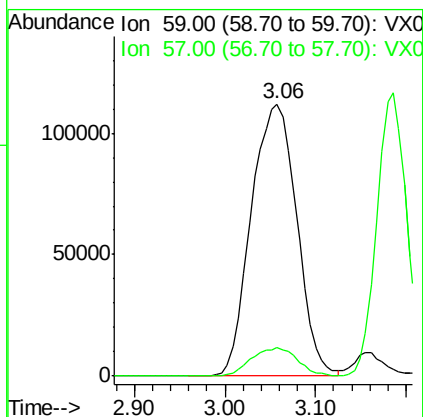
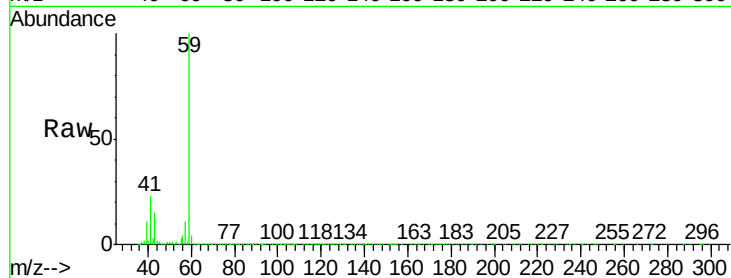
VSTDIC100

Tgt Ion: 59 Resp: 388451

Ion Ratio Lower Upper

59 100

57 10.5 8.2 12.4



#12

1,1-Dichloroethene

Concen: 98.49 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

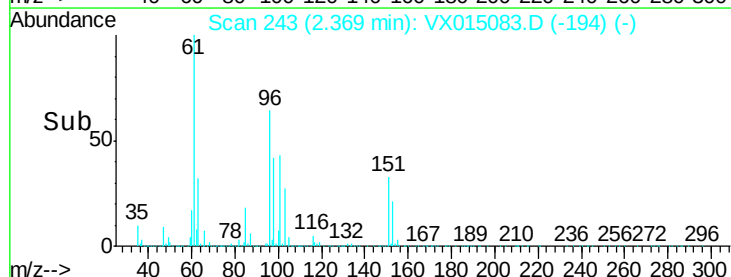
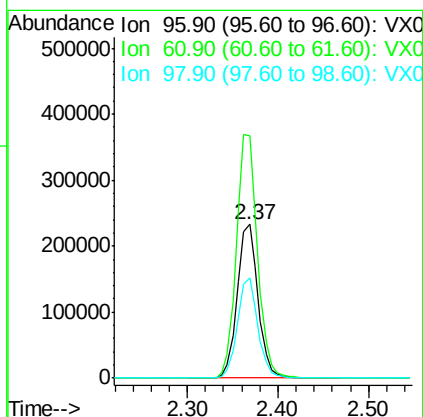
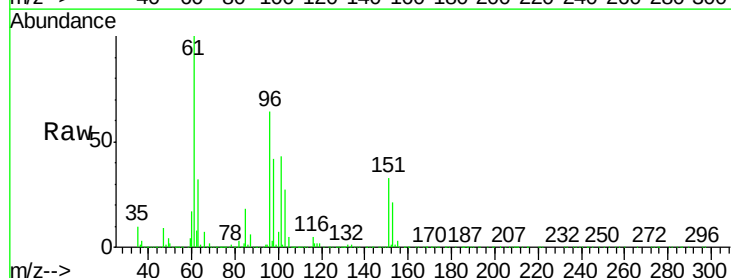
Tgt Ion: 96 Resp: 368944

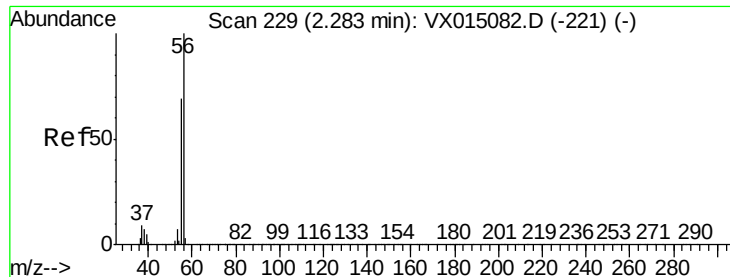
Ion Ratio Lower Upper

96 100

61 157.3 126.2 189.4

98 65.4 51.4 77.0





#13

Acrolein

Concen: 490.83 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

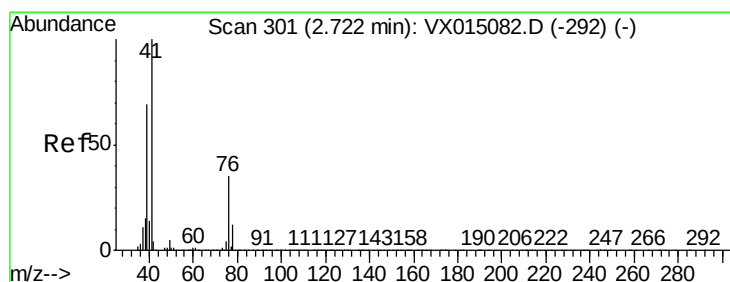
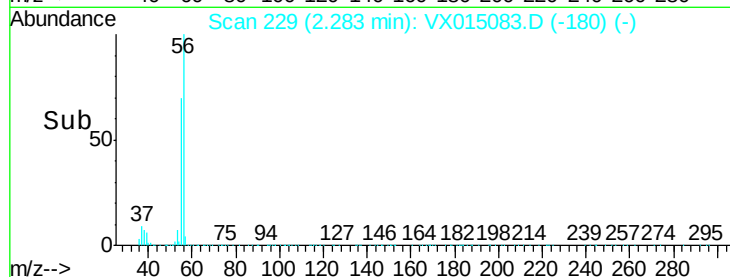
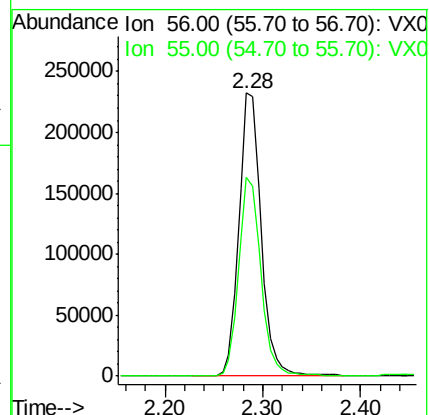
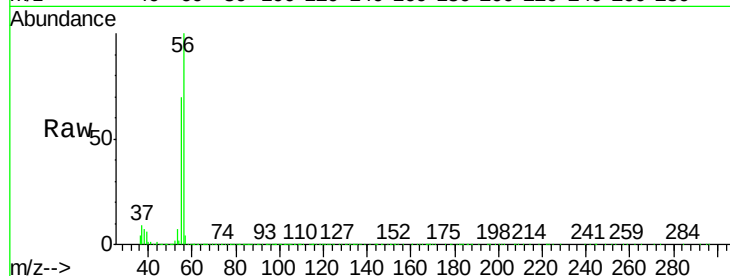
VSTDIC100

Tgt Ion: 56 Resp: 365993

Ion Ratio Lower Upper

56 100

55 70.2 55.4 83.0



#14

Allyl chloride

Concen: 101.98 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

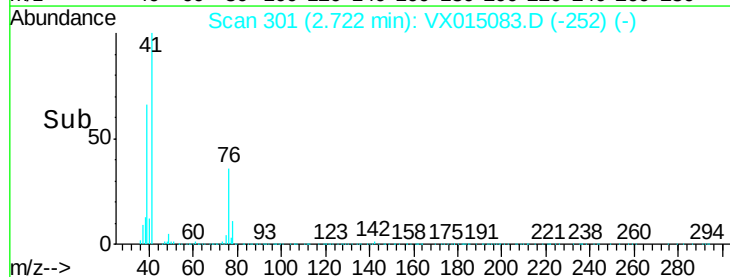
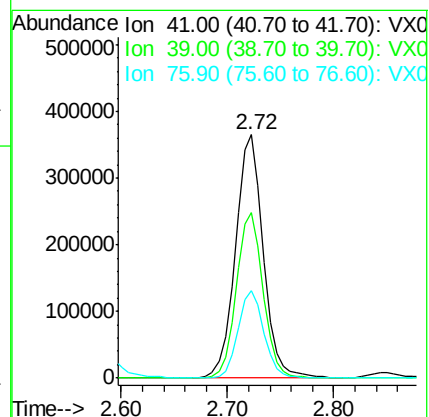
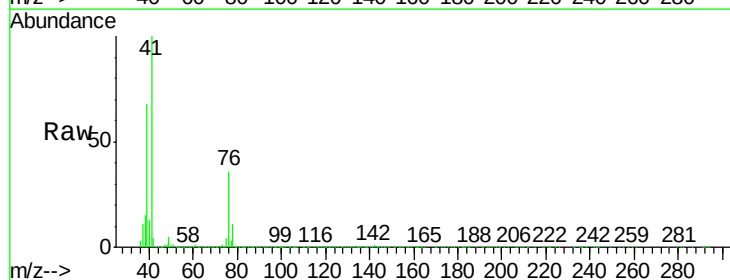
Tgt Ion: 41 Resp: 666127

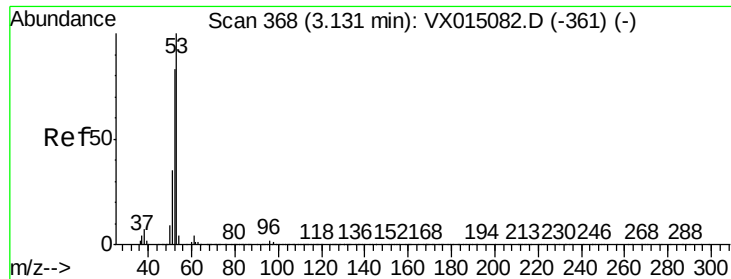
Ion Ratio Lower Upper

41 100

39 65.9 52.9 79.3

76 33.2 26.8 40.2

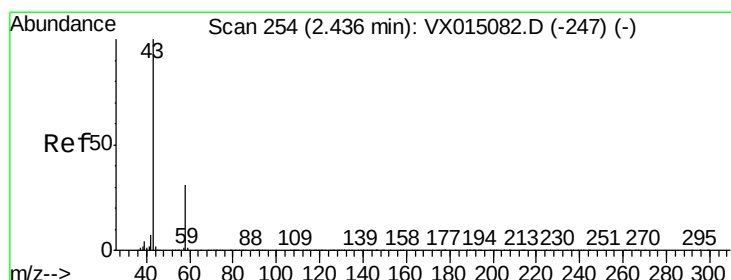
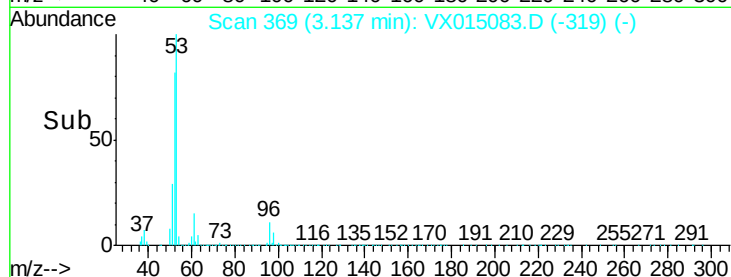
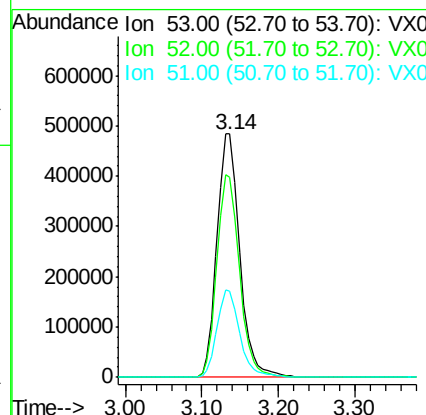
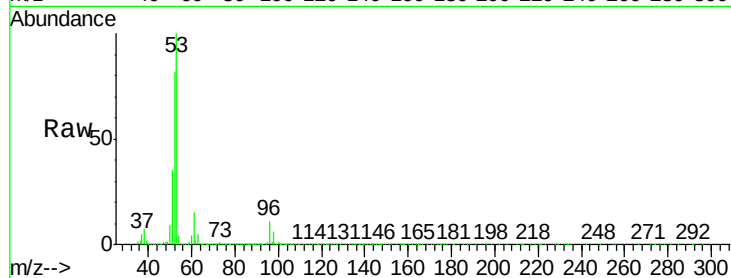




#15
Acrylonitrile
Concen: 505.59 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

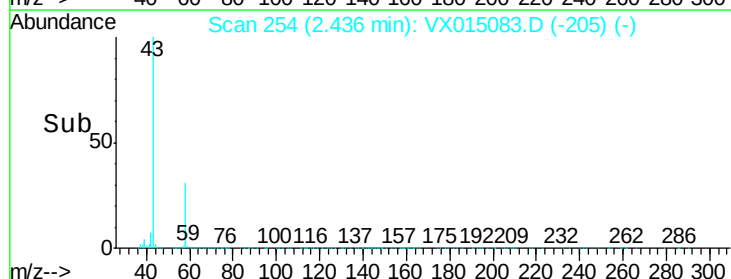
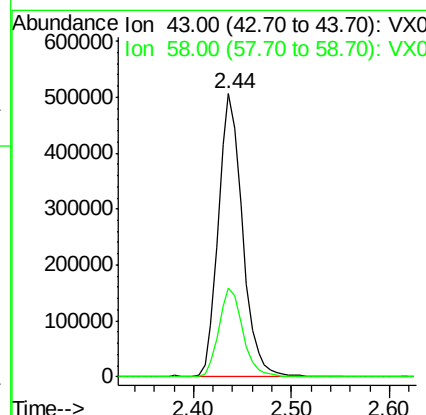
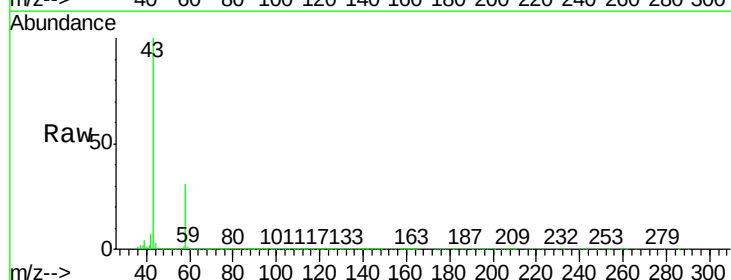
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

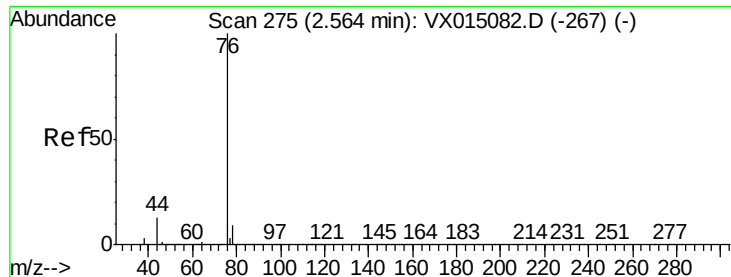
Tgt Ion: 53 Resp: 999063
Ion Ratio Lower Upper
53 100
52 82.5 66.6 100.0
51 36.2 29.0 43.6



#16
Acetone
Concen: 465.27 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion: 43 Resp: 861711
Ion Ratio Lower Upper
43 100
58 31.2 24.8 37.2





#17

Carbon Disulfide

Concen: 100.02 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

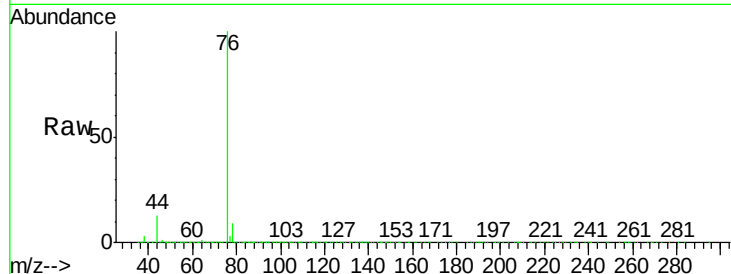
VSTDIC100

Tgt Ion: 76 Resp: 1040514

Ion Ratio Lower Upper

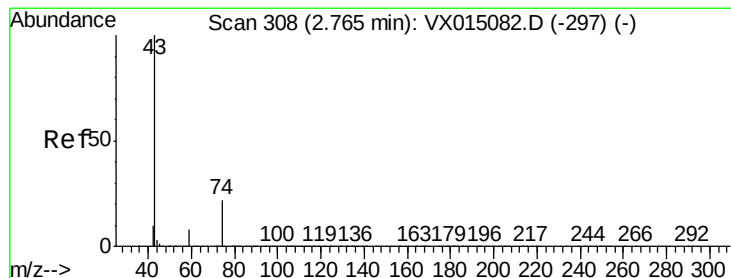
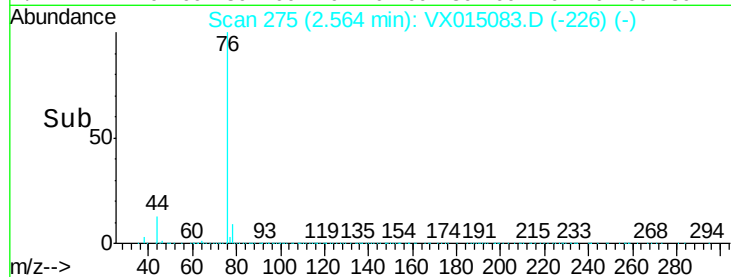
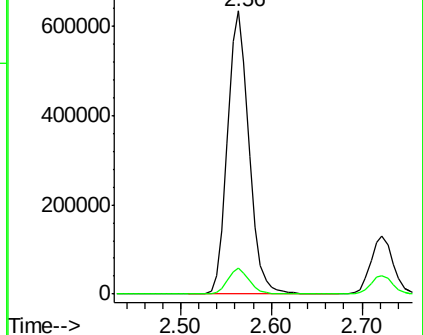
76 100

78 9.2 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: 94.64 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015083.D

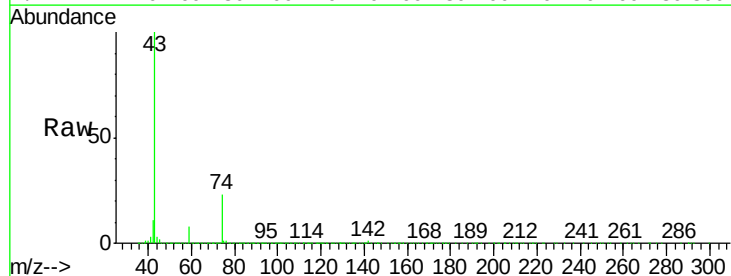
Acq: 04 Mar 2020 10:09

Tgt Ion: 43 Resp: 428581

Ion Ratio Lower Upper

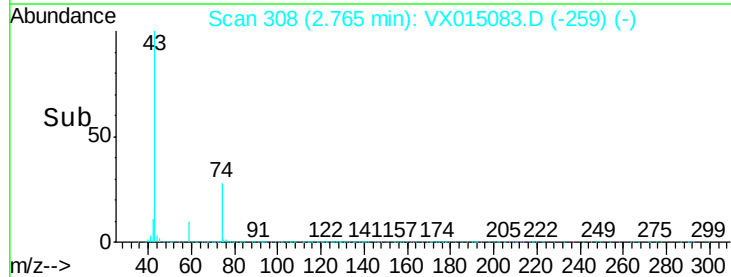
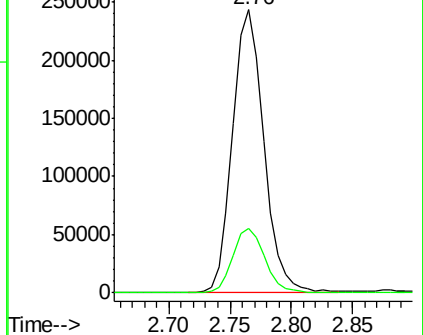
43 100

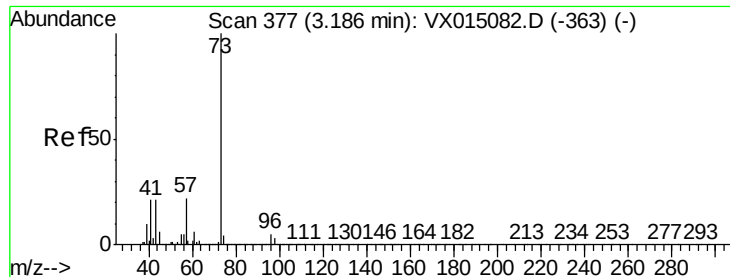
74 23.6 18.8 28.2



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: 102.43 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

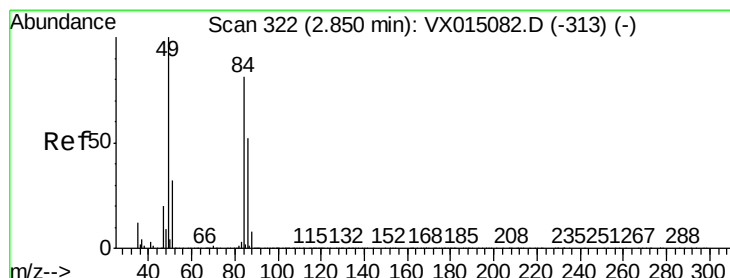
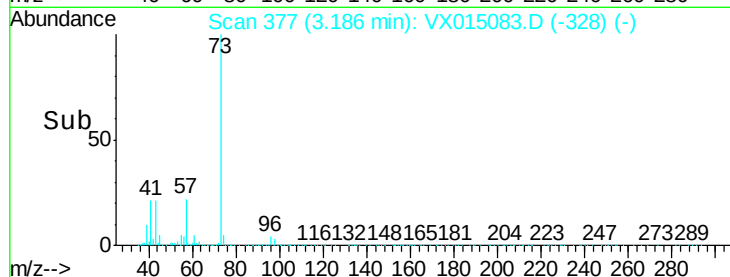
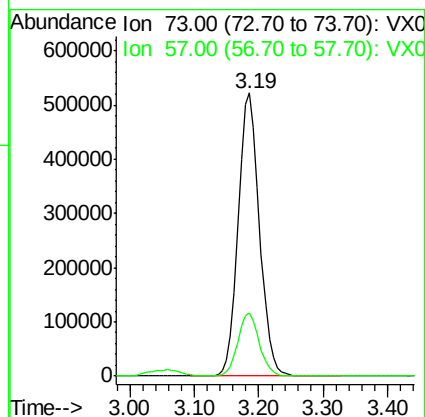
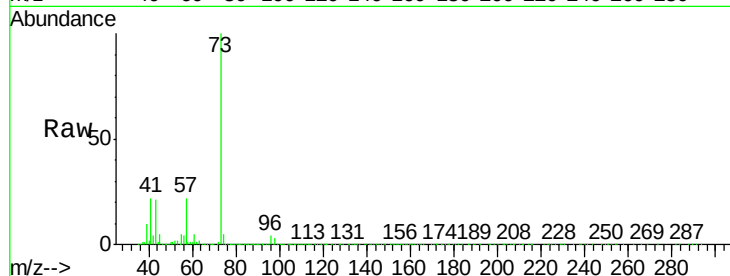
VSTDIC100

Tgt Ion: 73 Resp: 1199039

Ion Ratio Lower Upper

73 100

57 22.3 17.8 26.6



#20

Methylene Chloride

Concen: 93.38 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tgt Ion: 84 Resp: 404739

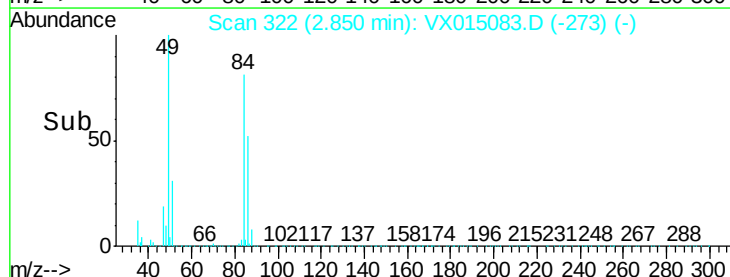
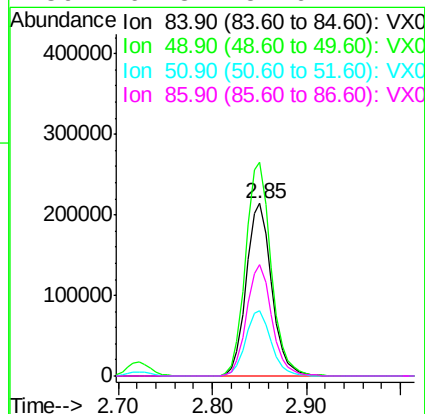
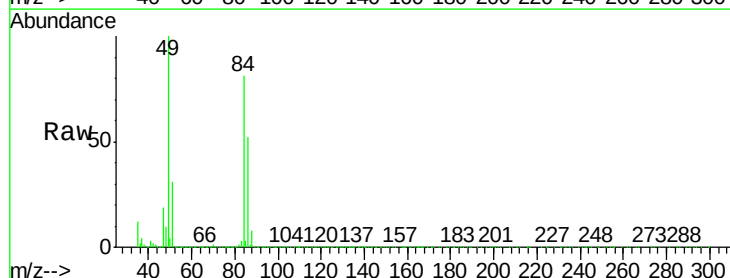
Ion Ratio Lower Upper

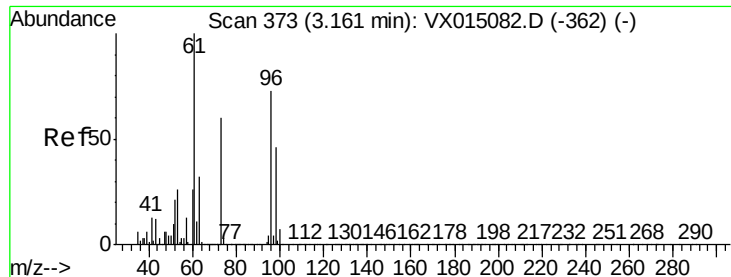
84 100

49 123.8 99.4 149.2

51 37.9 31.5 47.3

86 64.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 99.00 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

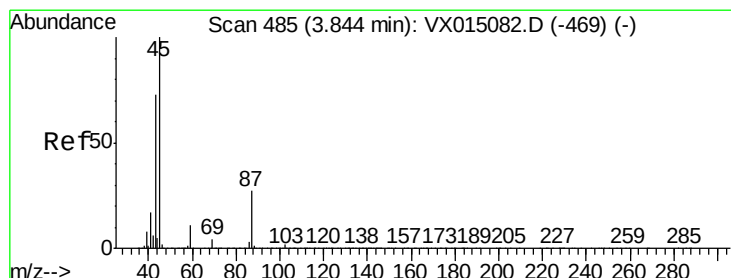
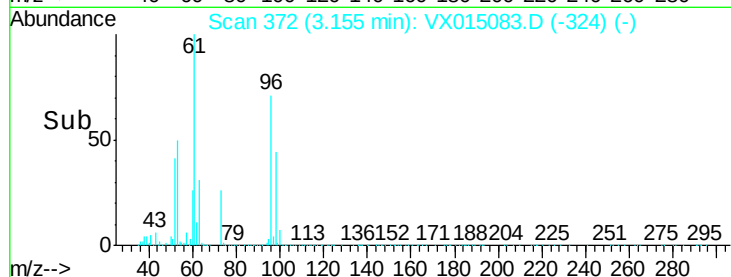
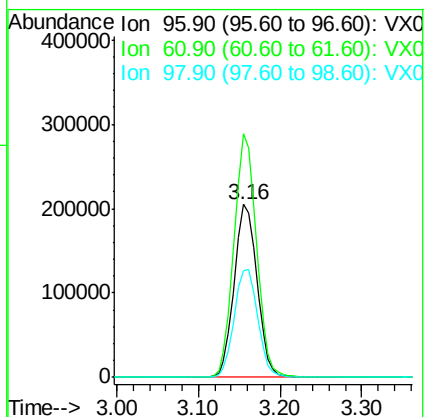
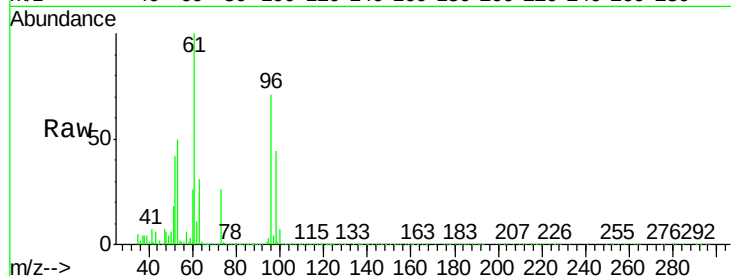
Tgt Ion: 96 Resp: 395981

Ion Ratio Lower Upper

96 100

61 140.8 109.9 164.9

98 61.7 50.2 75.2



#22

Diisopropyl ether

Concen: 101.54 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tgt Ion: 45 Resp: 1321322

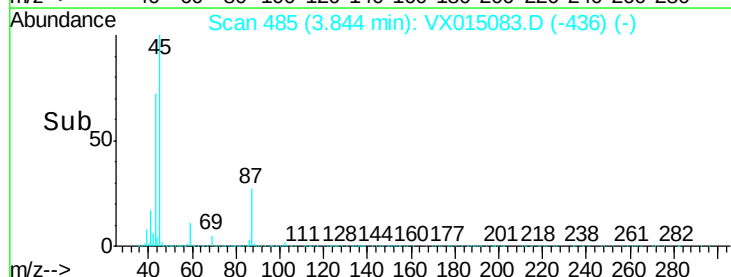
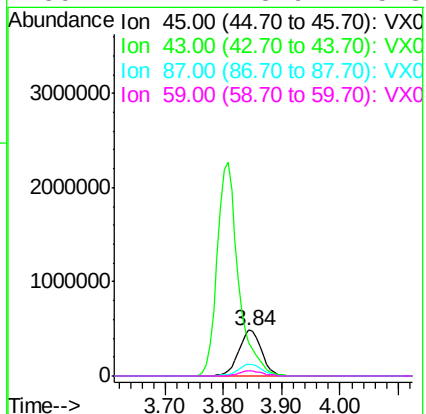
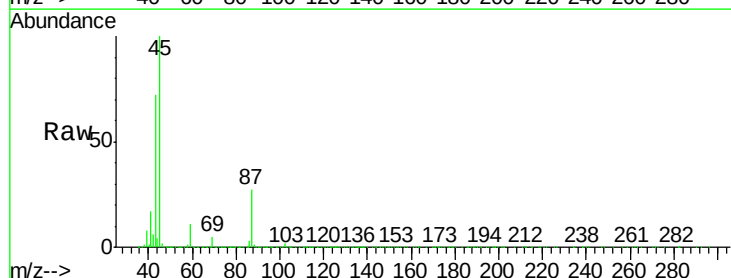
Ion Ratio Lower Upper

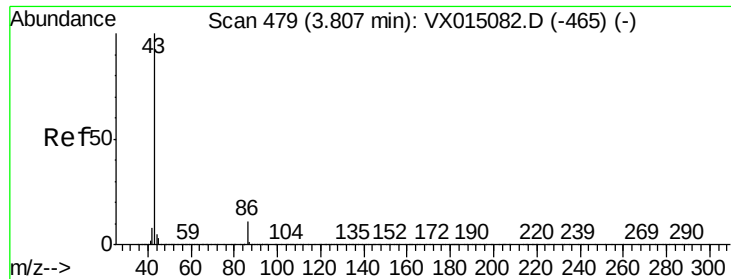
45 100

43 72.0 58.2 87.2

87 26.5 21.2 31.8

59 11.4 8.9 13.3





#23

Vinyl Acetate

Concen: 534.23 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

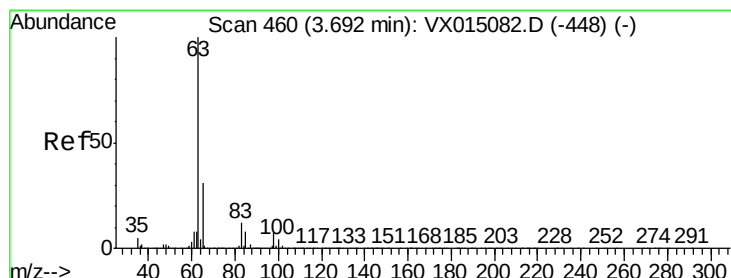
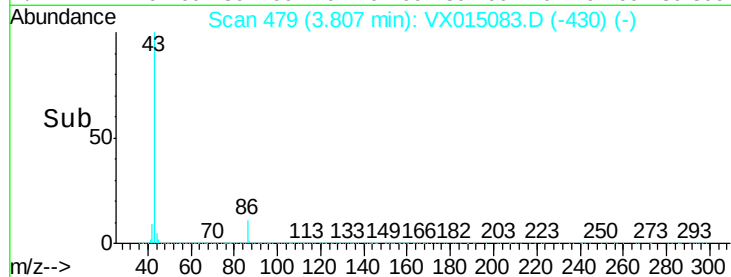
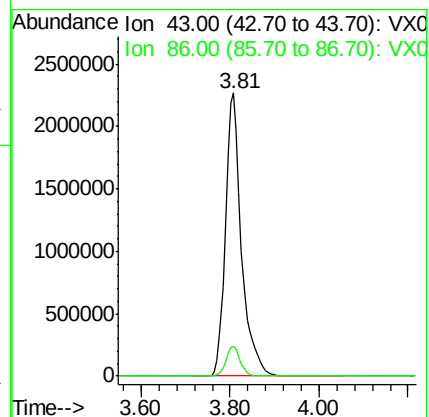
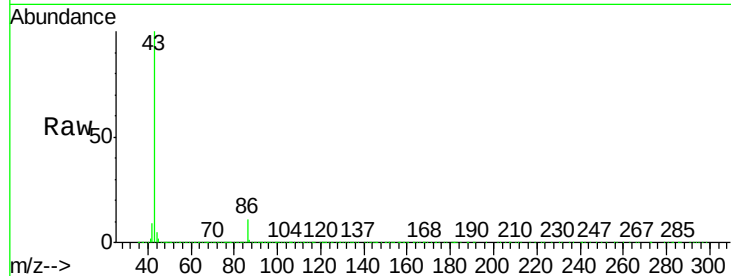
VSTDIC100

Tgt Ion: 43 Resp: 5714785

Ion Ratio Lower Upper

43 100

86 10.8 8.6 12.8



#24

1,1-Dichloroethane

Concen: 99.41 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

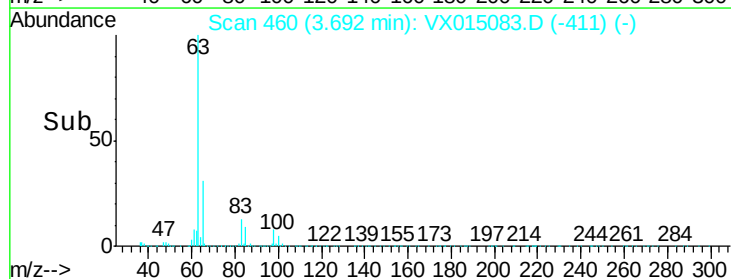
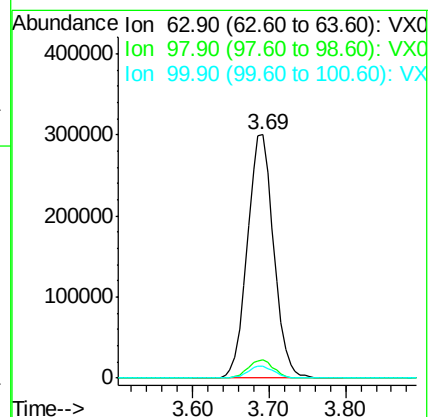
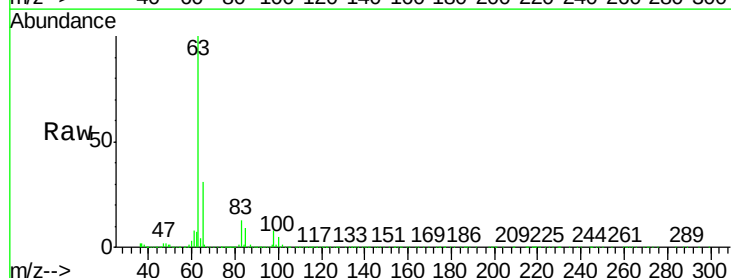
Tgt Ion: 63 Resp: 717999

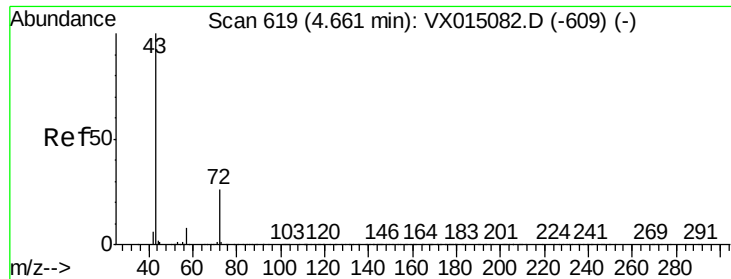
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 506.44 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

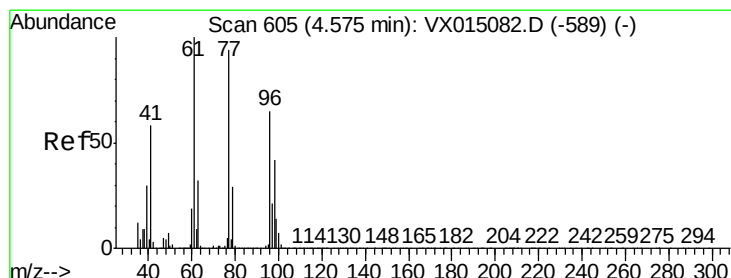
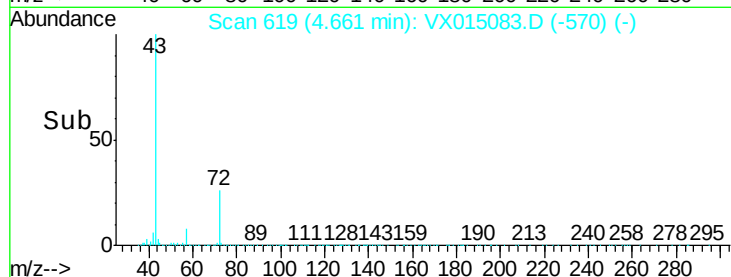
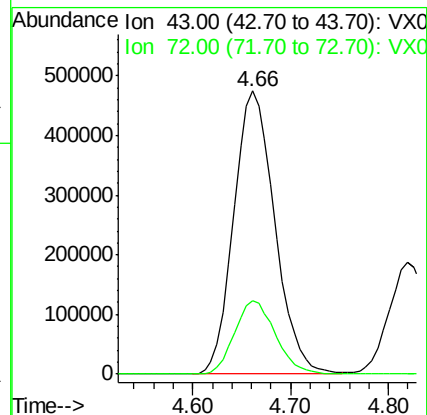
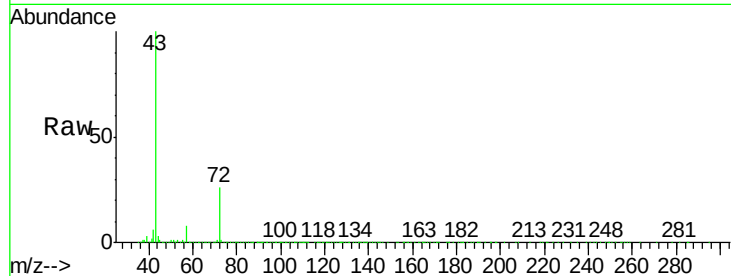
VSTDIC100

Tgt Ion: 43 Resp: 1373182

Ion Ratio Lower Upper

43 100

72 26.0 20.6 30.8



#26

2,2-Dichloropropane

Concen: 99.94 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015083.D

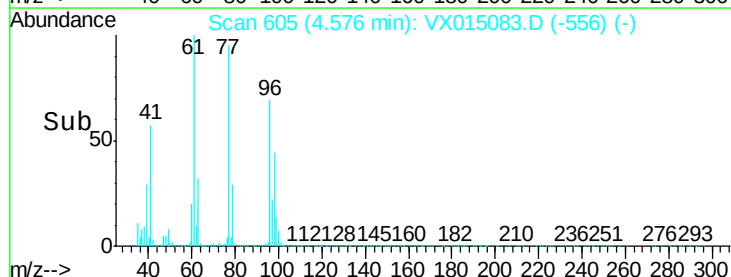
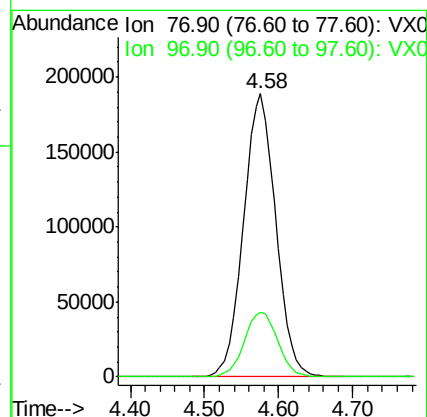
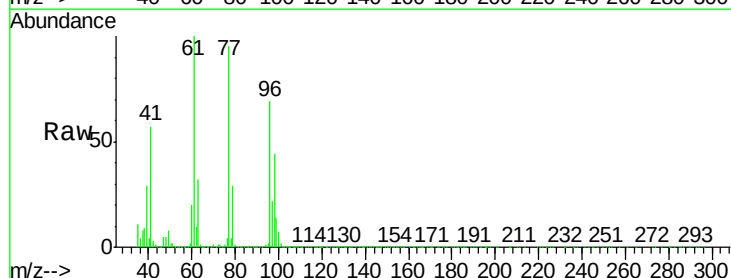
Acq: 04 Mar 2020 10:09

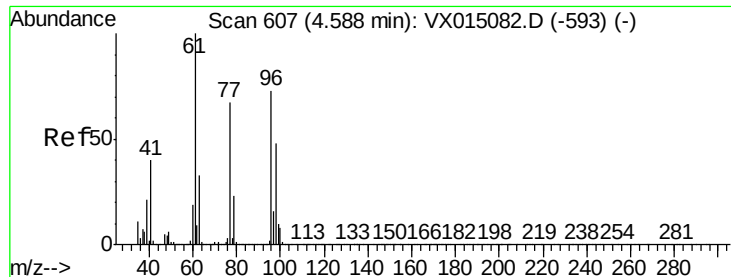
Tgt Ion: 77 Resp: 573021

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4



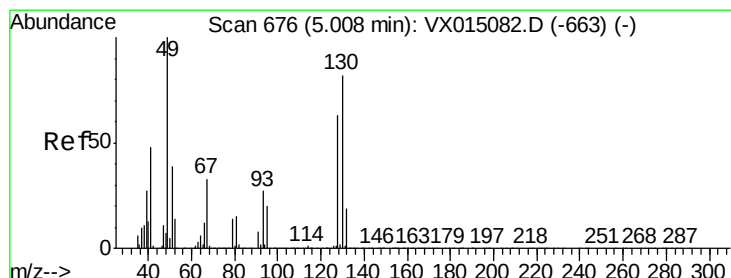
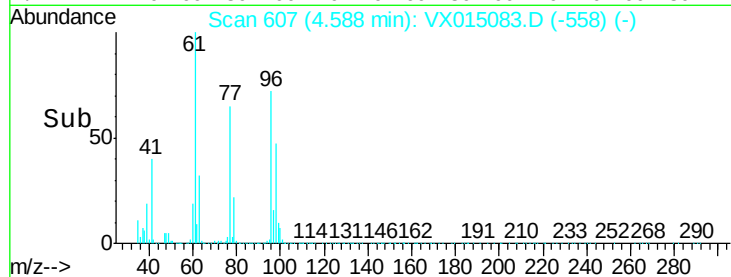
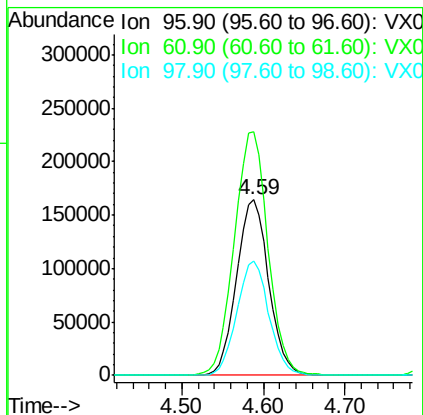
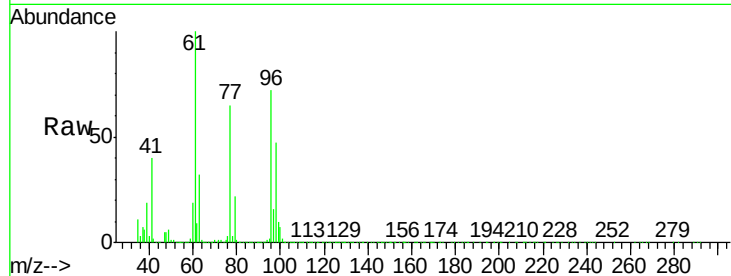


#27

cis-1,2-Dichloroethene
Concen: 100.09 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

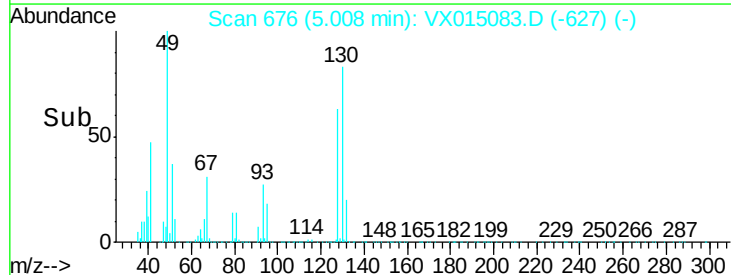
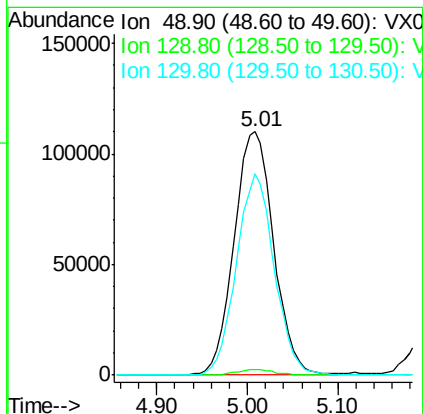
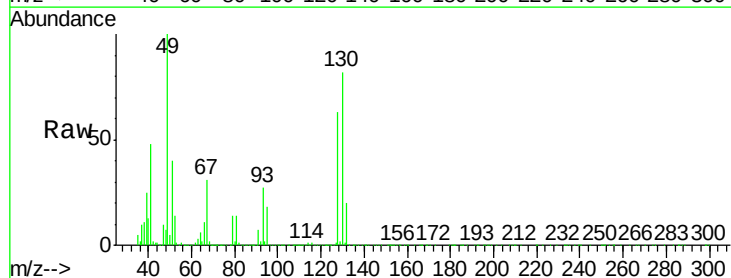
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	286.8
98	64.8	0.0	128.4

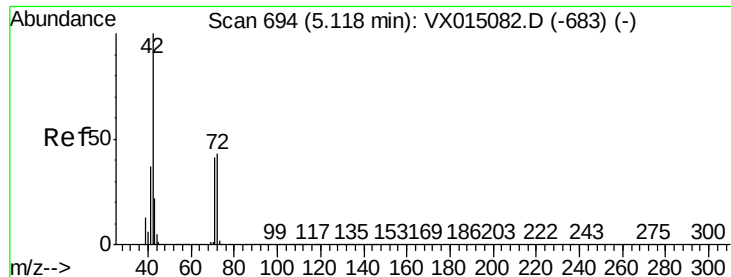


#28

Bromochloromethane
Concen: 100.57 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	79.4	65.0	97.6





#29

Tetrahydrofuran

Concen: 505.96 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

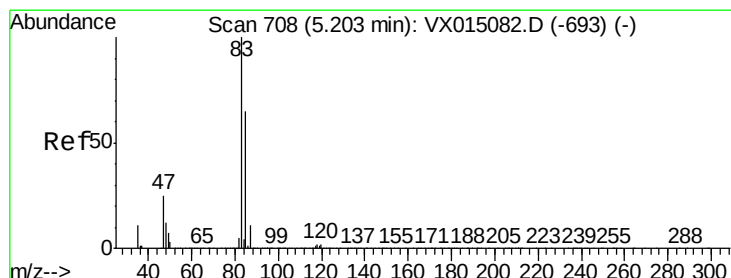
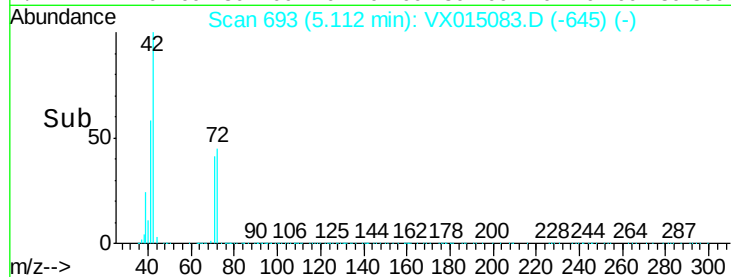
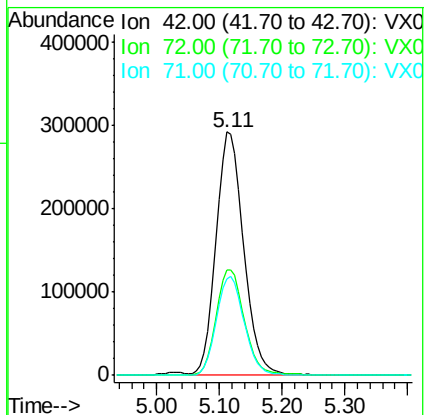
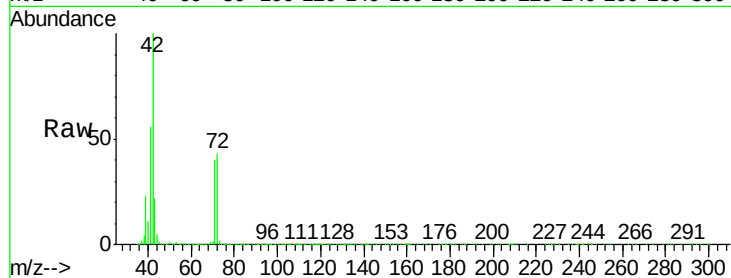
Tgt Ion: 42 Resp: 884326

Ion Ratio Lower Upper

42 100

72 44.6 36.4 54.6

71 41.0 33.3 49.9



#30

Chloroform

Concen: 98.43 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX015083.D

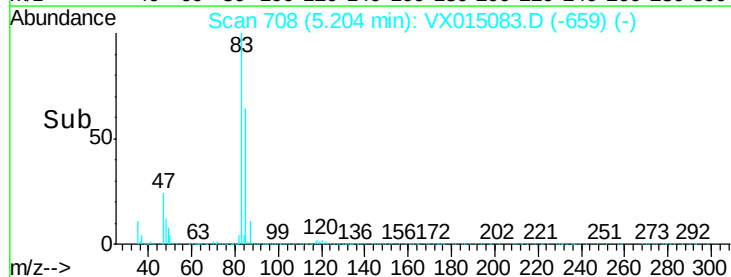
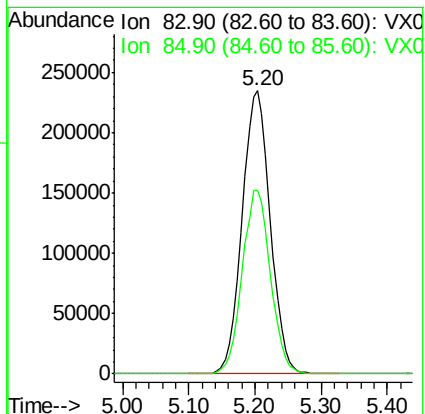
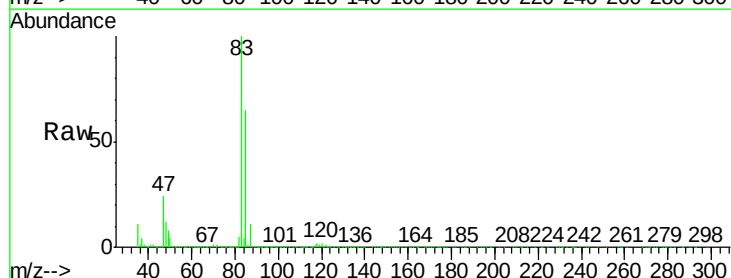
Acq: 04 Mar 2020 10:09

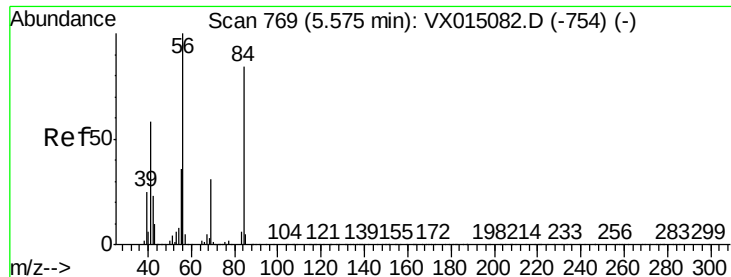
Tgt Ion: 83 Resp: 692902

Ion Ratio Lower Upper

83 100

85 64.8 52.0 78.0

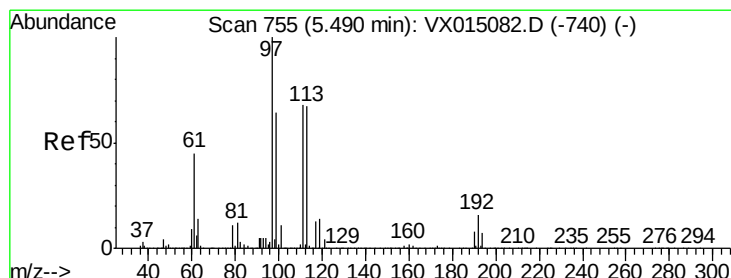
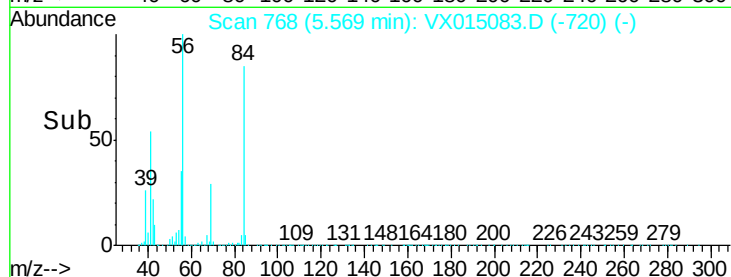
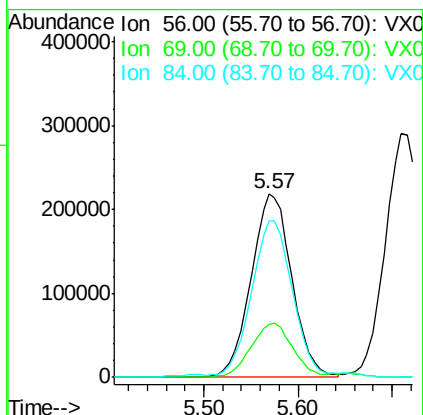
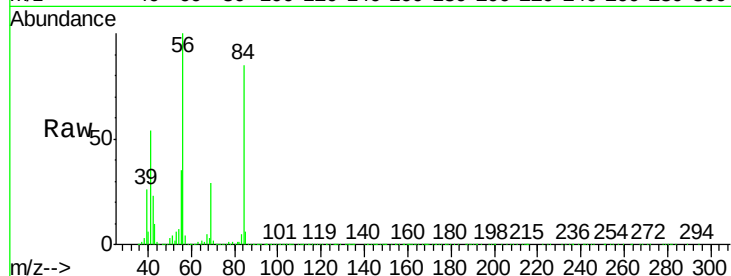




#31
Cyclohexane
Concen: 102.06 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

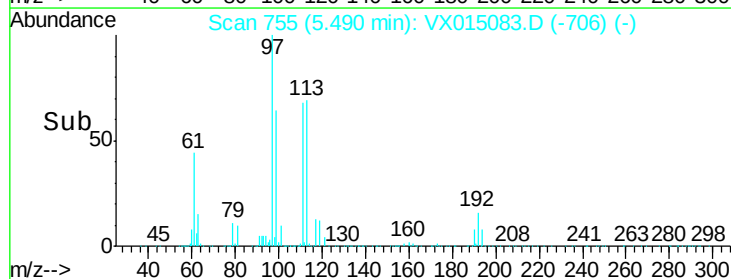
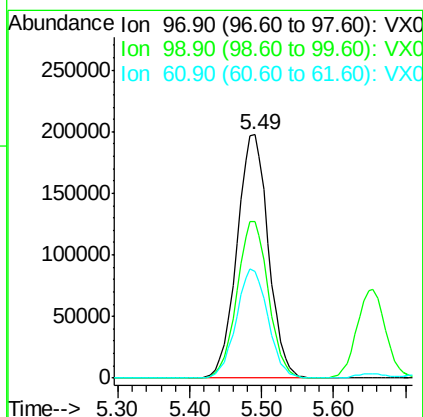
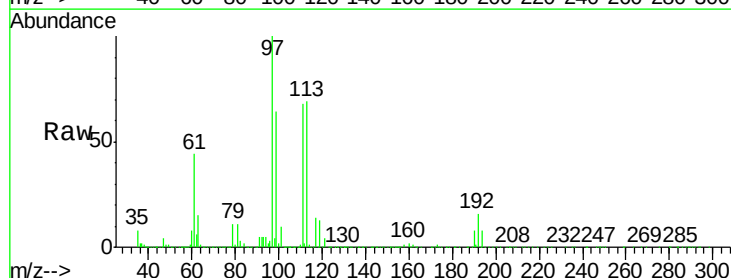
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

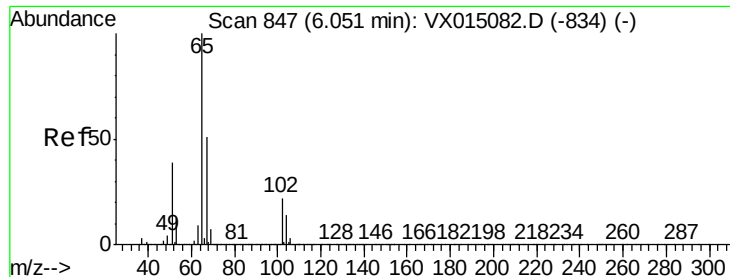
Tgt Ion: 56 Resp: 657478
Ion Ratio Lower Upper
56 100
69 28.6 25.0 37.6
84 83.8 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 102.42 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion: 97 Resp: 597648
Ion Ratio Lower Upper
97 100
99 64.3 52.8 79.2
61 45.2 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 97.68 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

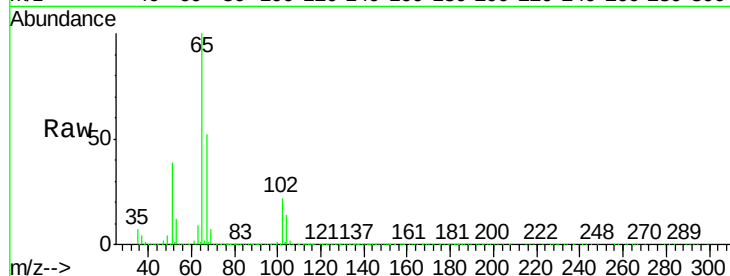
VSTDIC100

Tgt Ion: 65 Resp: 446696

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

200000

150000

100000

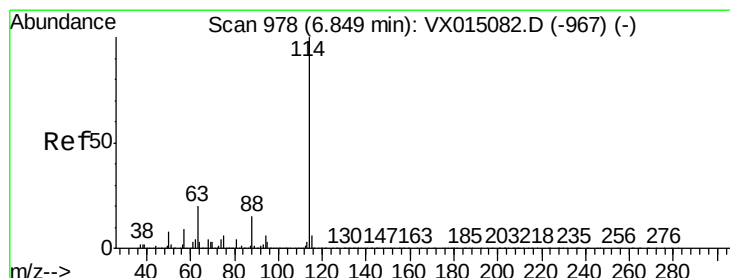
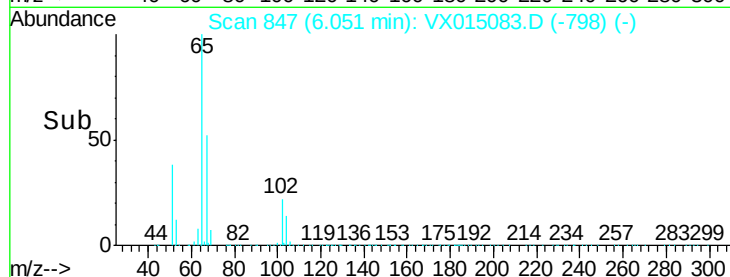
50000

0

6.05

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

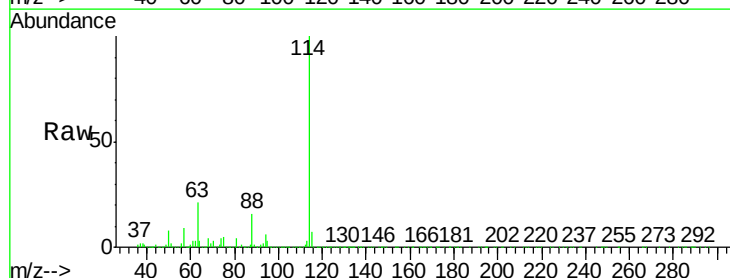
Tgt Ion: 114 Resp: 593511

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 15.7 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

300000

200000

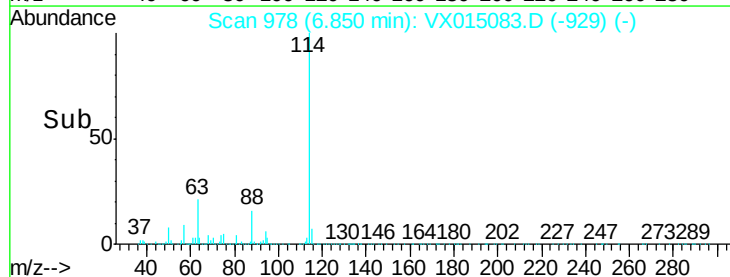
100000

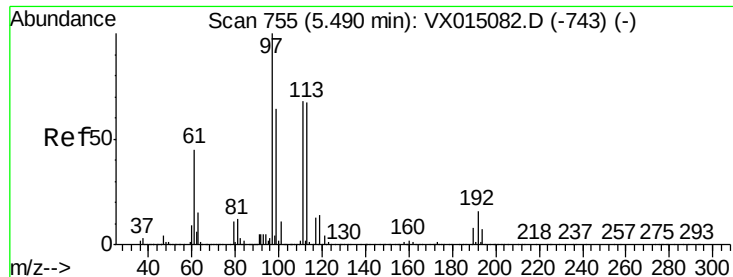
0

6.85

6.70 6.90 7.00 7.10

Time-->

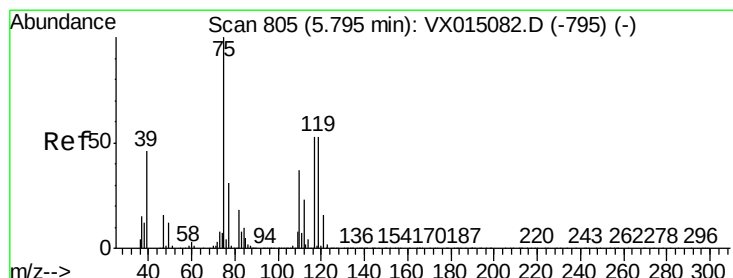
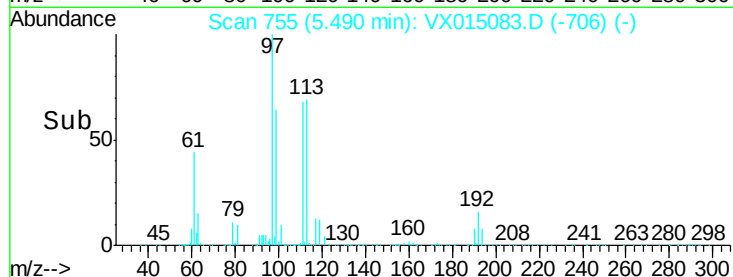
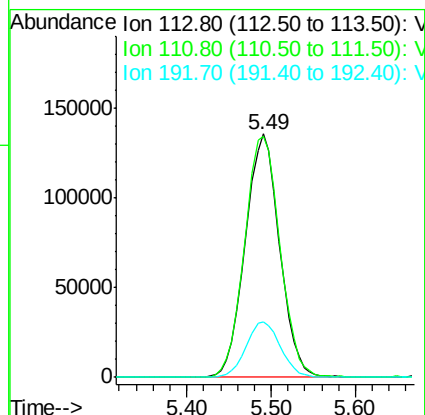
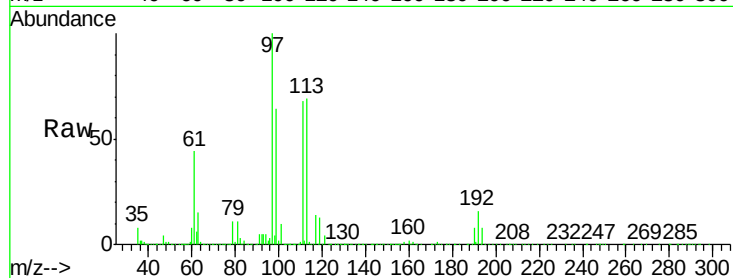




#35
 Dibromofluoromethane
 Concen: 99.82 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

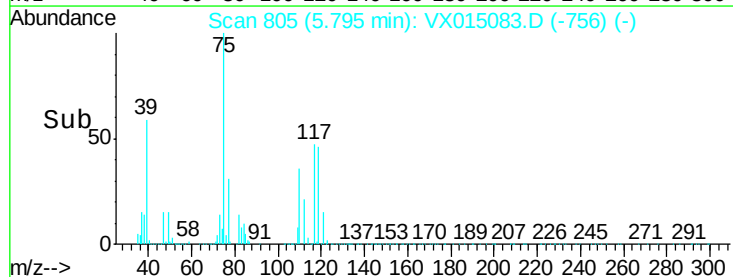
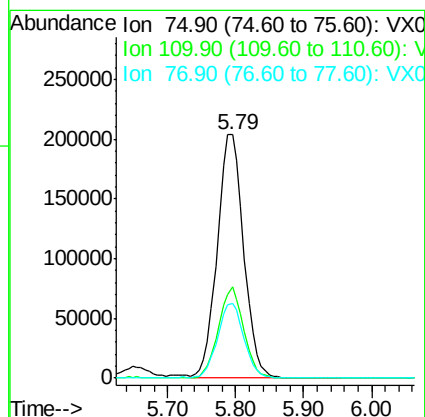
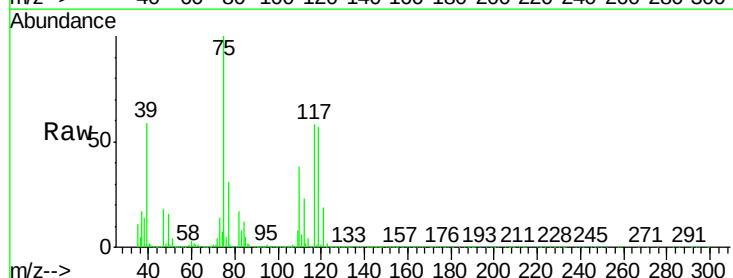
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

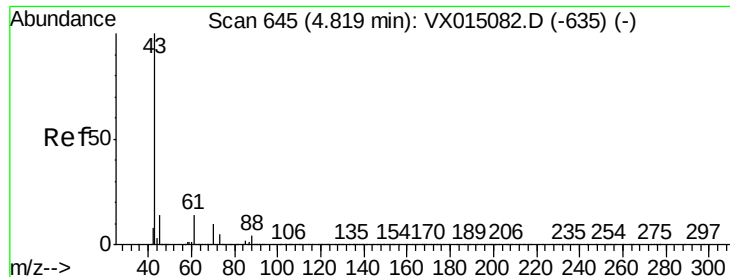
Tgt Ion: 113 Resp: 373742
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.6 123.8
 192 23.2 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 99.57 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

Tgt Ion: 75 Resp: 546696
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.9 53.8
 77 30.5 24.8 37.2

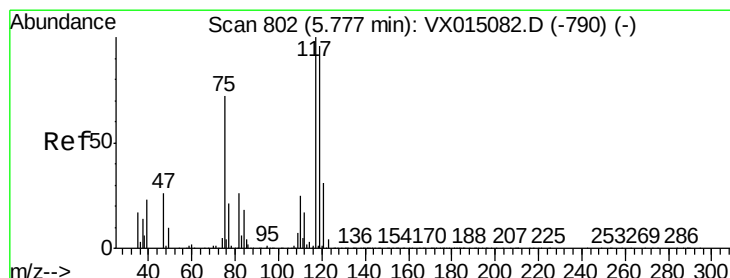
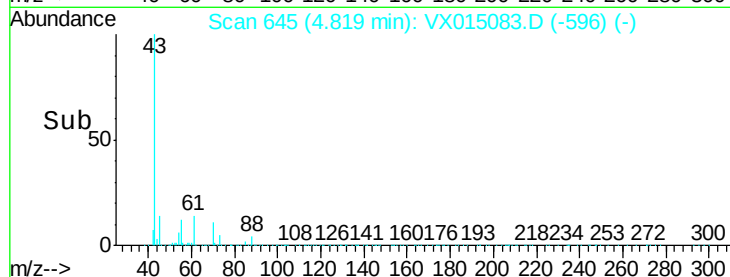
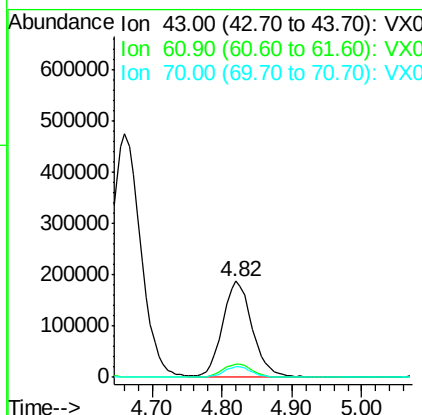
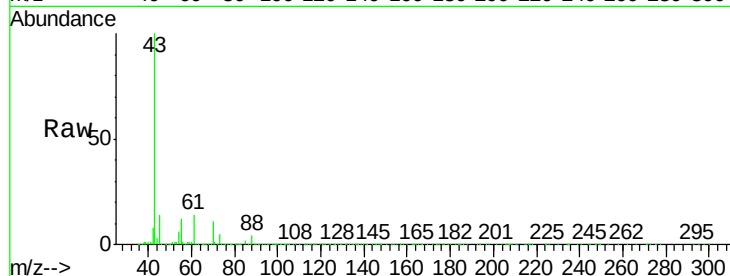




#37
Ethyl Acetate
Concen: 108.09 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

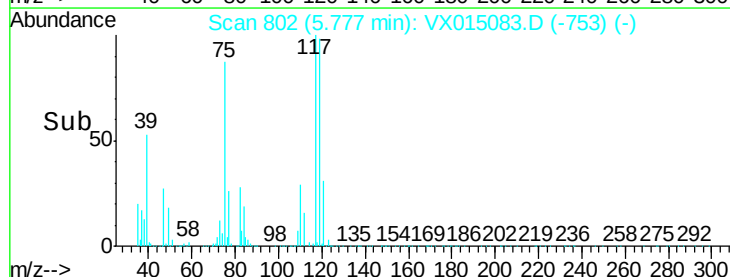
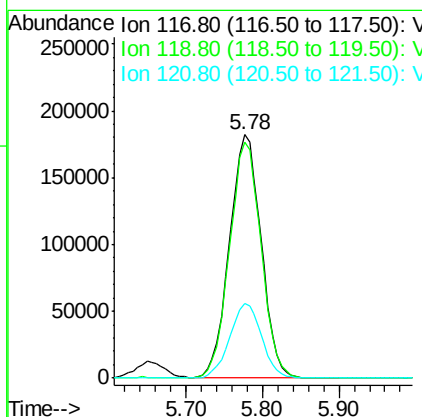
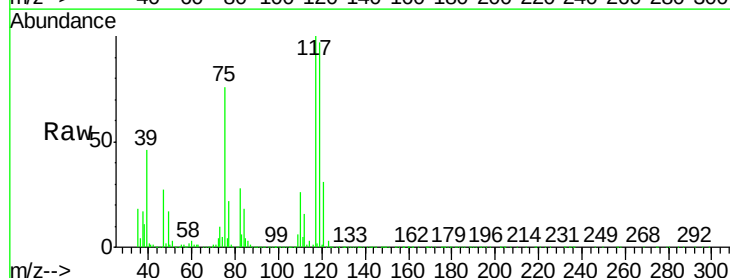
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

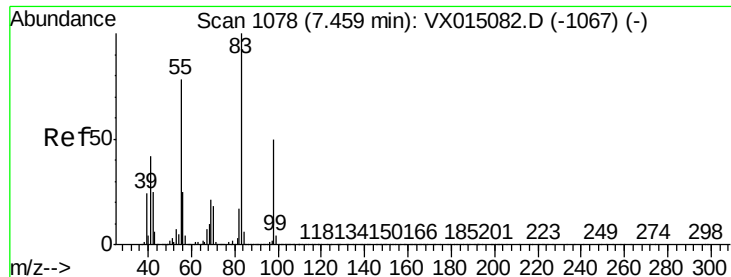
Tgt Ion:	43	Resp:	550410
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	10.5	8.1	12.1



#38
Carbon Tetrachloride
Concen: 100.49 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion:	117	Resp:	520809
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.9	115.3
121	30.6	24.6	37.0

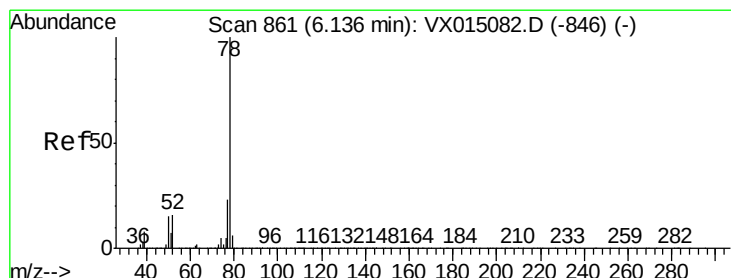
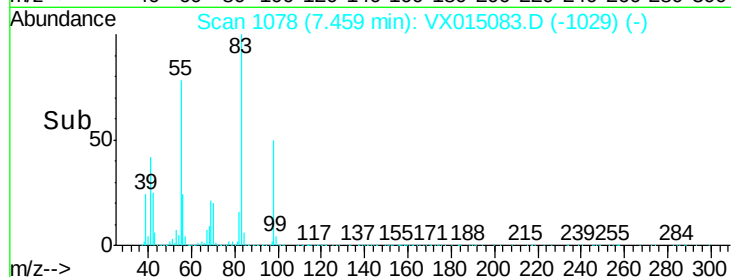
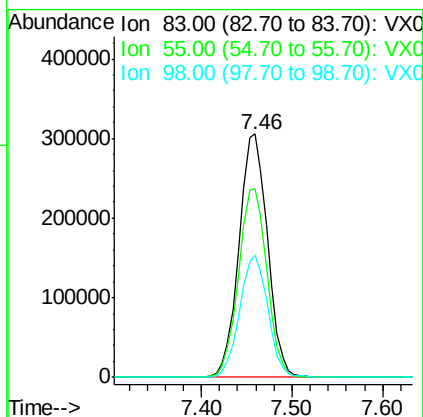
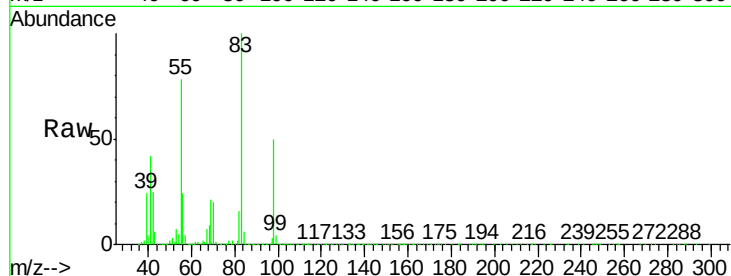




#39
Methylcyclohexane
Concen: 103.54 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

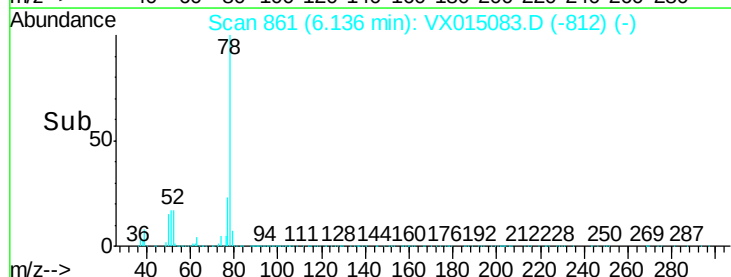
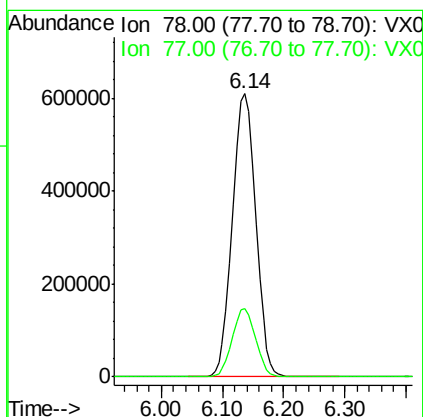
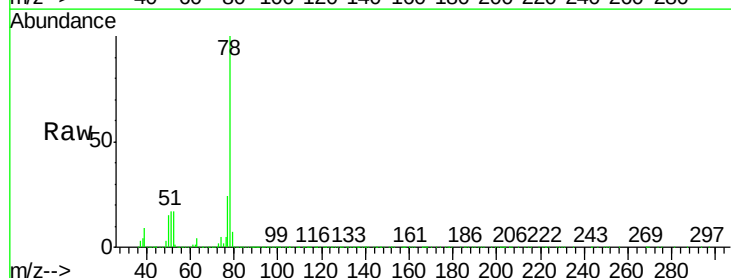
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

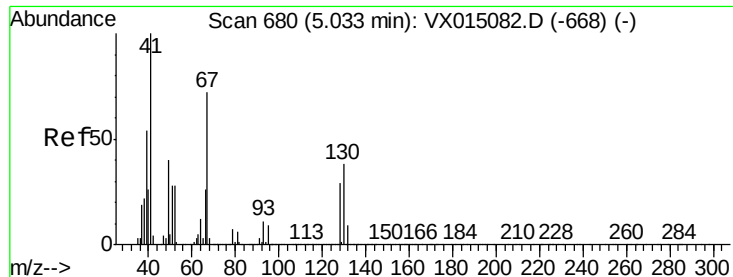
Tgt Ion: 83 Resp: 663740
Ion Ratio Lower Upper
83 100
55 77.5 62.4 93.6
98 50.0 39.7 59.5



#40
Benzene
Concen: 98.75 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion: 78 Resp: 1608548
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0

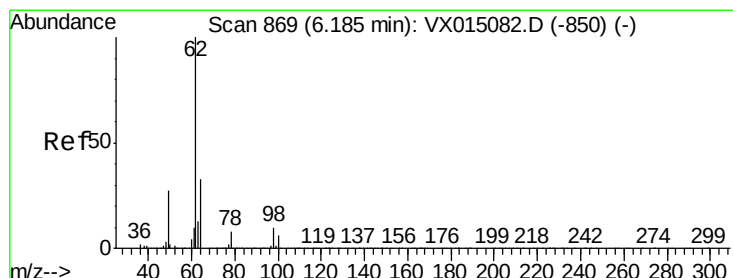
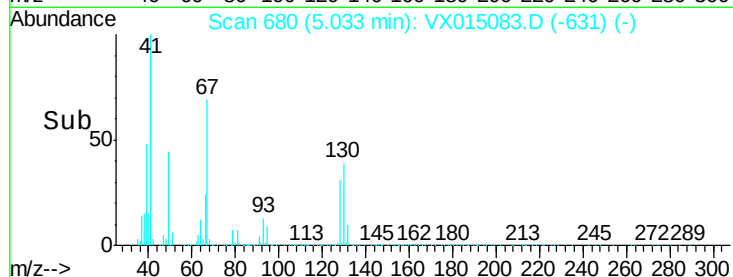
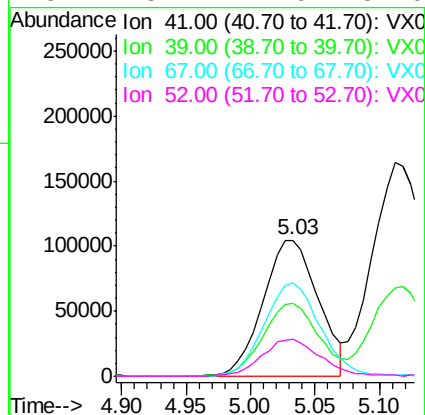
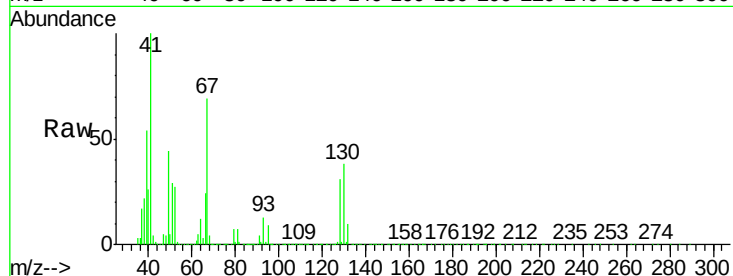




#41
Methacrylonitrile
Concen: 109.70 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

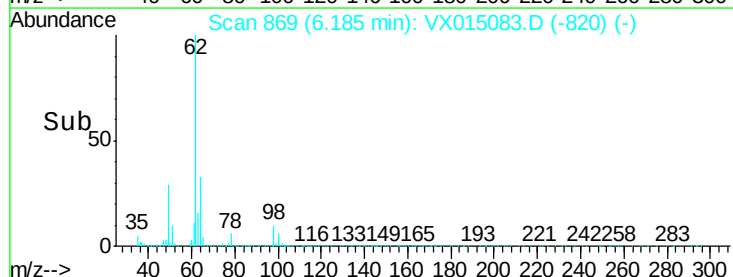
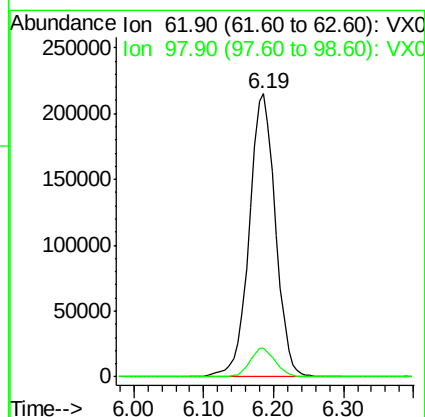
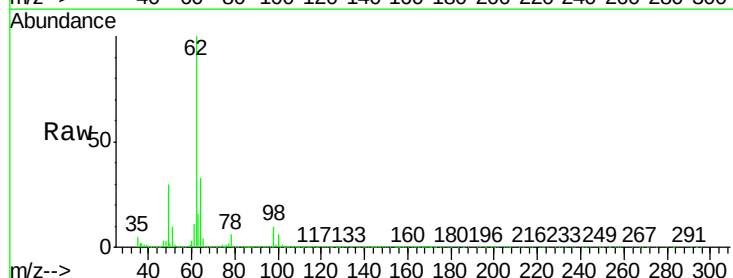
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

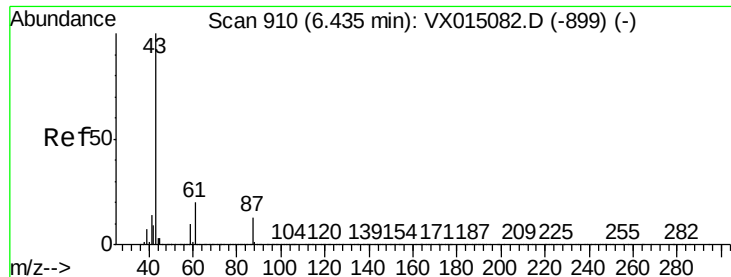
Tgt Ion:	41	Resp:	309775
Ion	Ratio	Lower	Upper
41	100		
39	55.4	43.9	65.9
67	69.5	57.8	86.8
52	28.1	22.6	34.0



#42
1,2-Dichloroethane
Concen: 99.60 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion:	62	Resp:	557106
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.6





#43

Isopropyl Acetate

Concen: 103.31 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

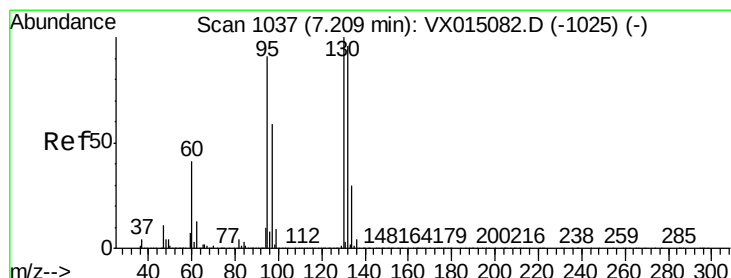
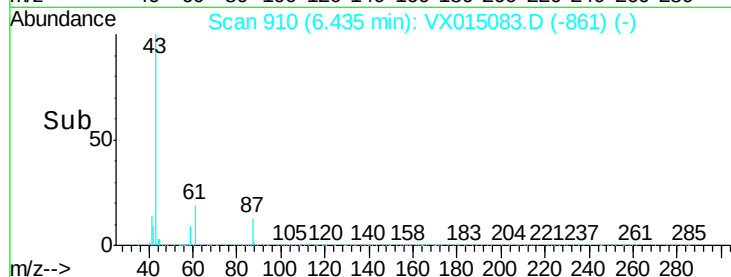
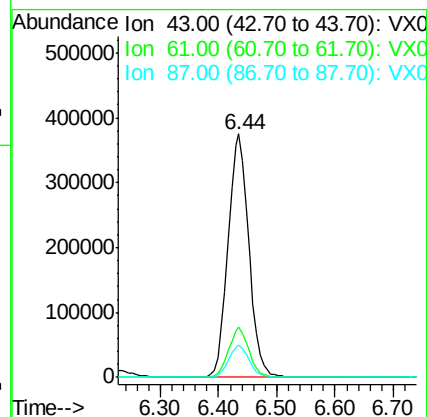
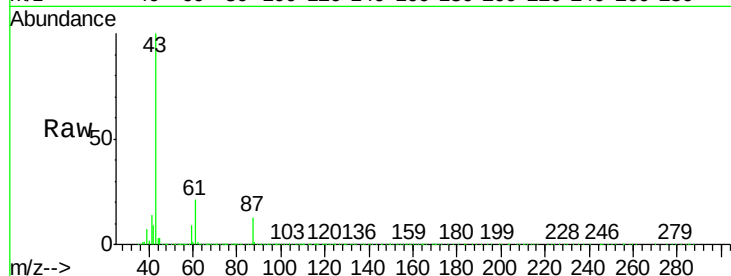
Tgt Ion: 43 Resp: 925530

Ion Ratio Lower Upper

43 100

61 20.1 16.1 24.1

87 13.0 10.6 16.0



#44

Trichloroethene

Concen: 99.66 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015083.D

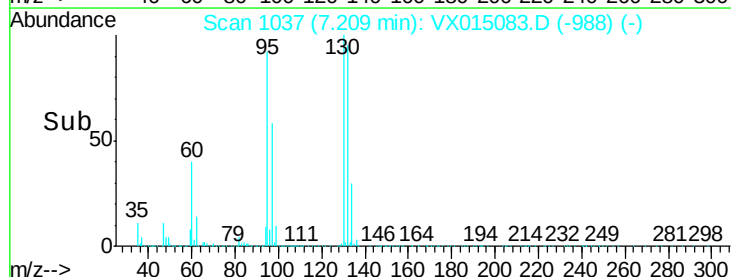
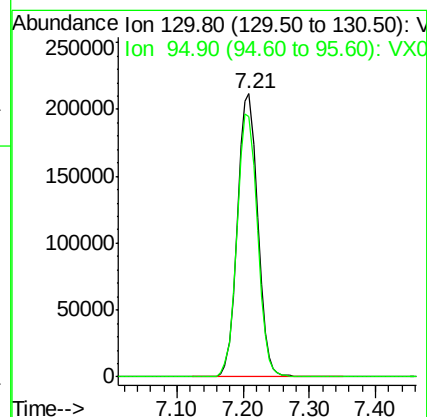
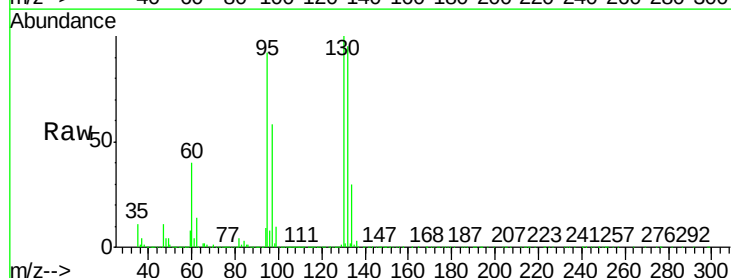
Acq: 04 Mar 2020 10:09

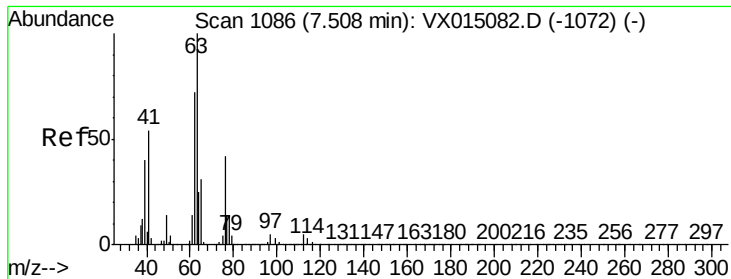
Tgt Ion: 130 Resp: 452115

Ion Ratio Lower Upper

130 100

95 92.1 0.0 181.2

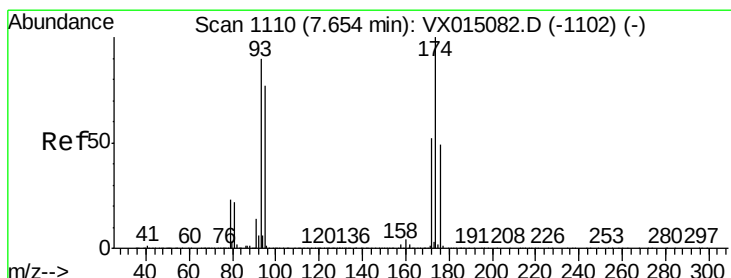
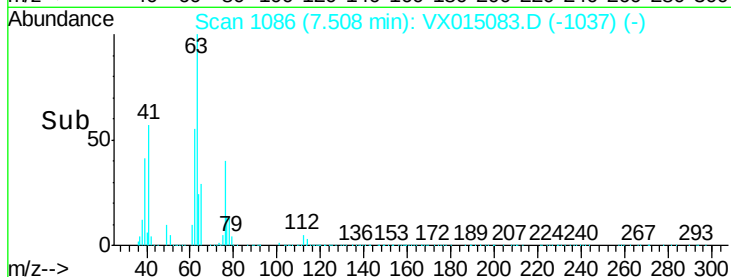
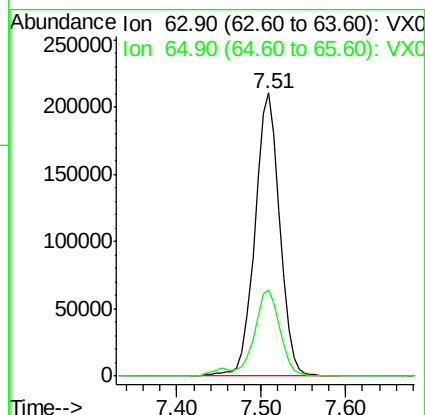
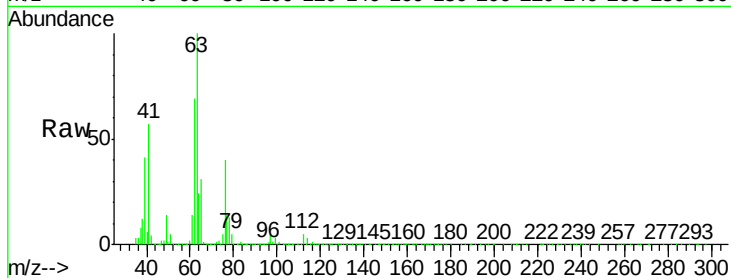




#45
 1,2-Dichloropropane
 Concen: 100.19 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

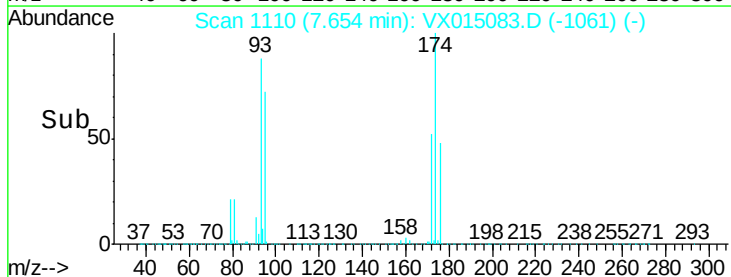
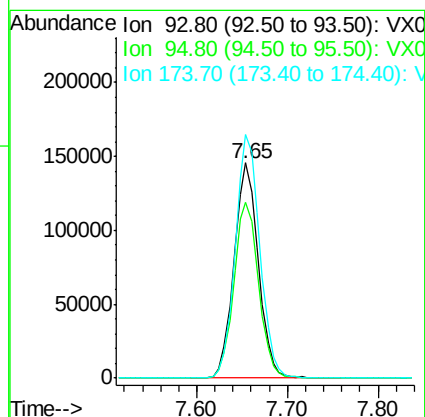
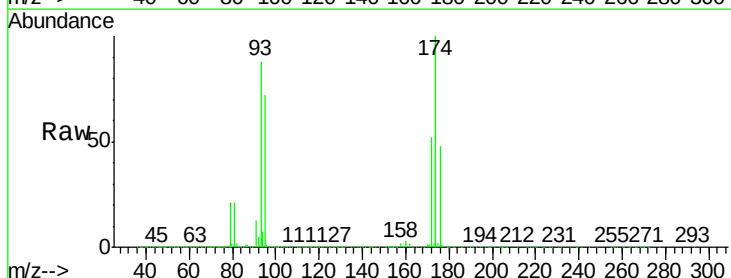
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

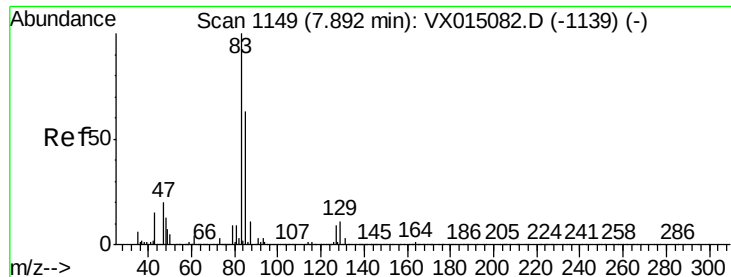
Tgt Ion: 63 Resp: 422396
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.6 36.8



#46
 Dibromomethane
 Concen: 99.07 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

Tgt Ion: 93 Resp: 272167
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.8 101.8
 174 114.6 91.0 136.4





#47

Bromodichloromethane

Concen: 103.13 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

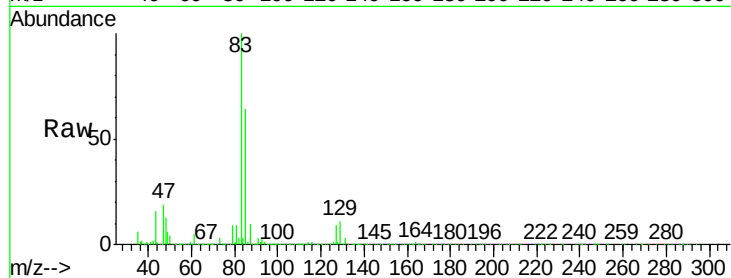
Tgt Ion: 83 Resp: 560255

Ion Ratio Lower Upper

83 100

85 63.9 50.6 75.8

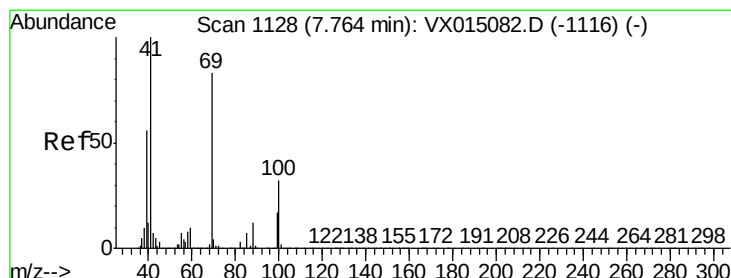
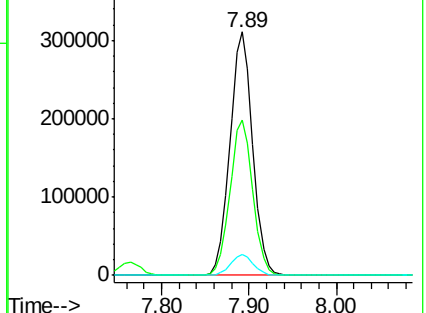
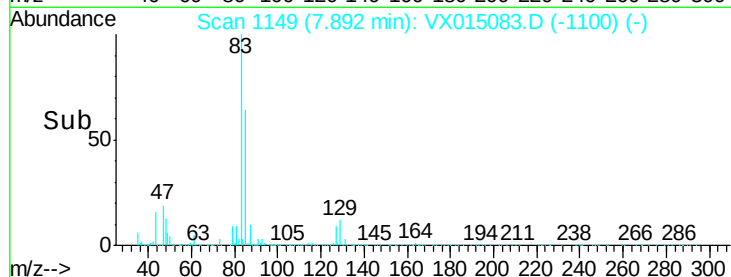
127 8.7 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 102.17 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

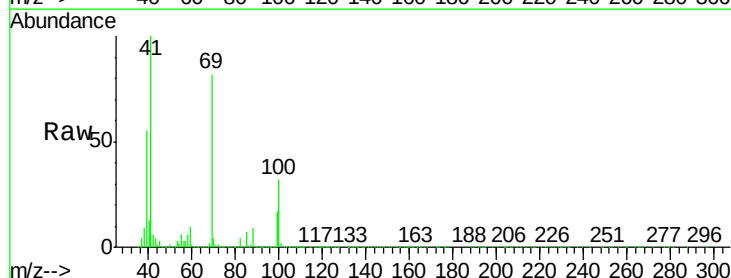
Tgt Ion: 41 Resp: 465899

Ion Ratio Lower Upper

41 100

69 80.6 65.4 98.2

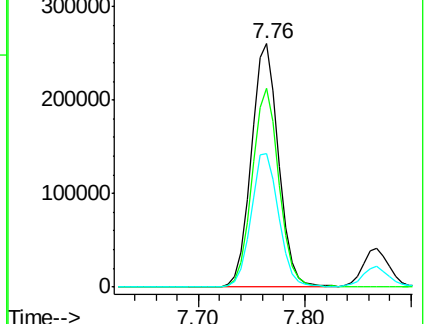
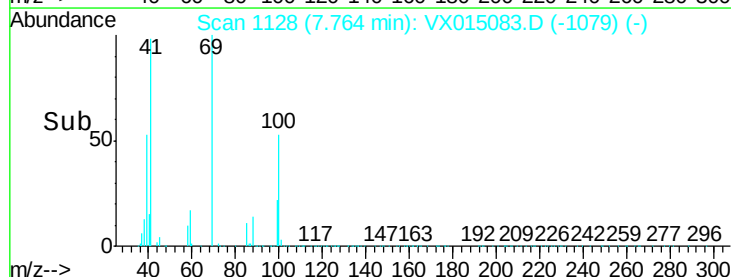
39 55.5 44.6 67.0

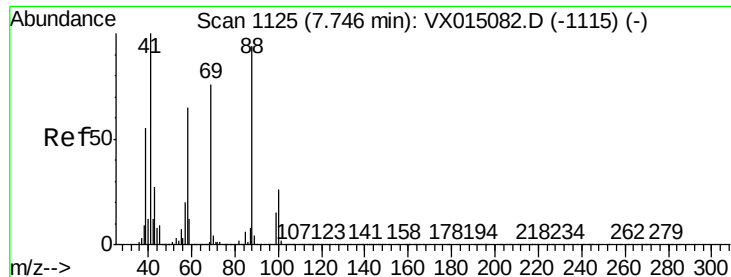


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1930.13 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

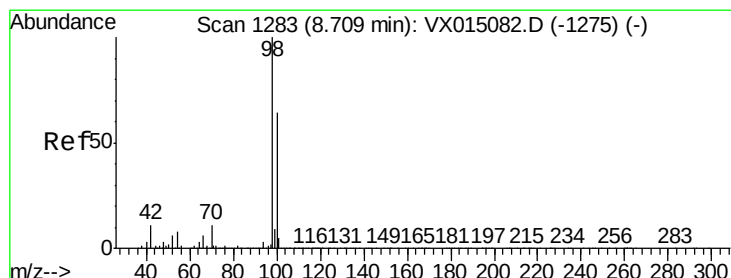
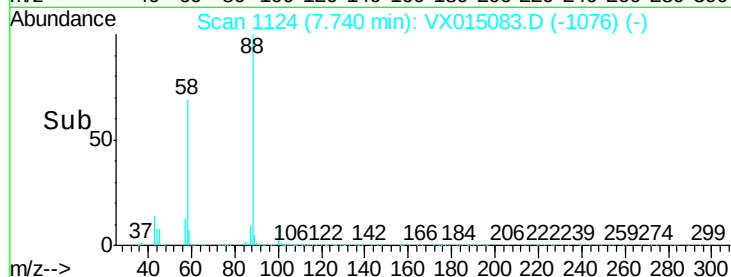
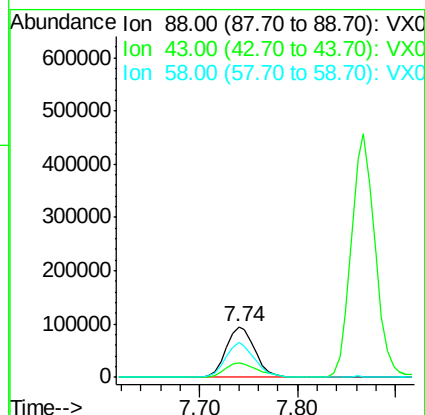
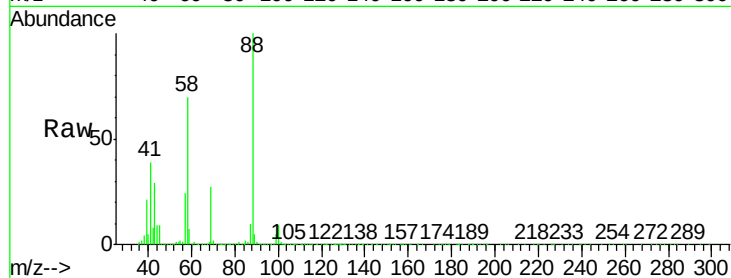
Tgt Ion: 88 Resp: 189846

Ion Ratio Lower Upper

88 100

43 33.5 27.0 40.4

58 69.1 55.6 83.4



#50

Toluene-d8

Concen: 100.35 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015083.D

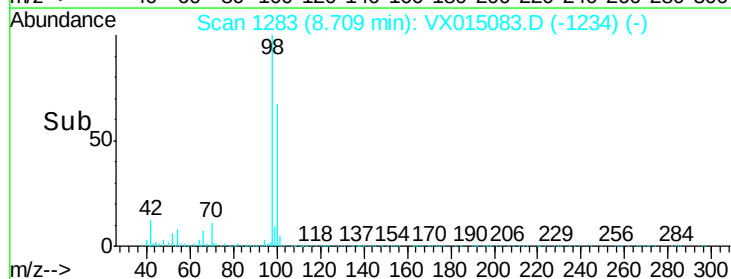
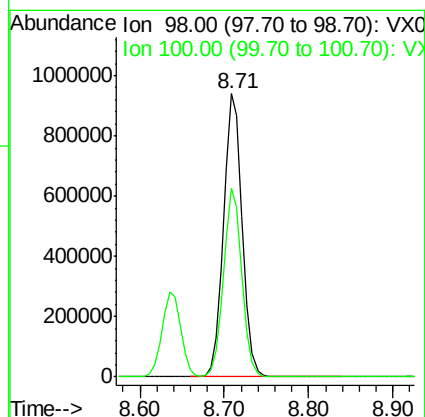
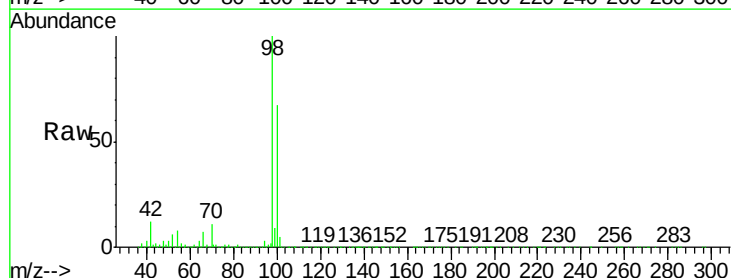
Acq: 04 Mar 2020 10:09

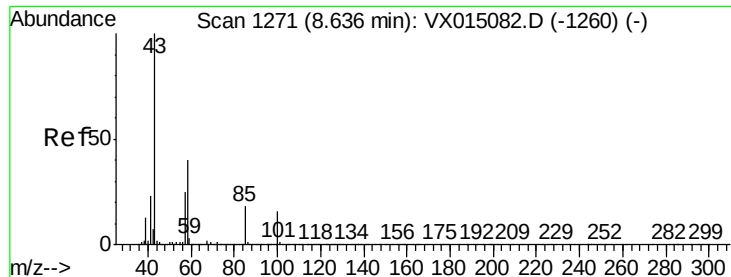
Tgt Ion: 98 Resp: 1429244

Ion Ratio Lower Upper

98 100

100 65.8 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 517.11 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

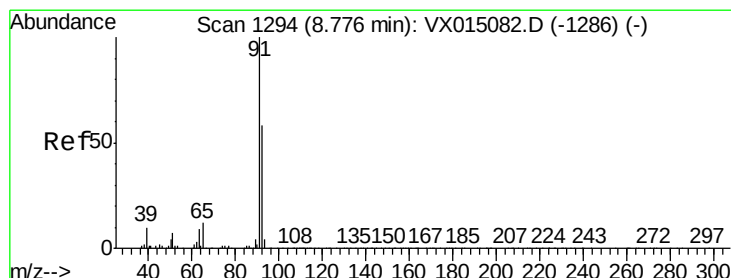
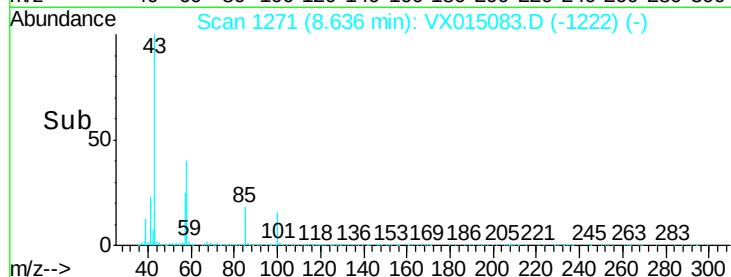
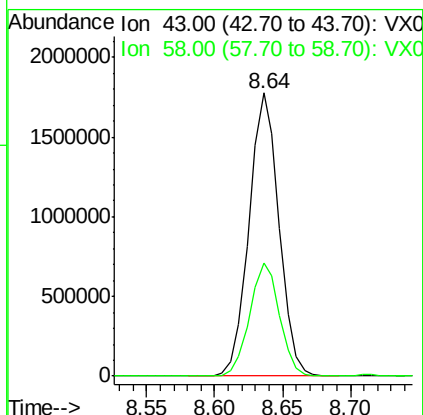
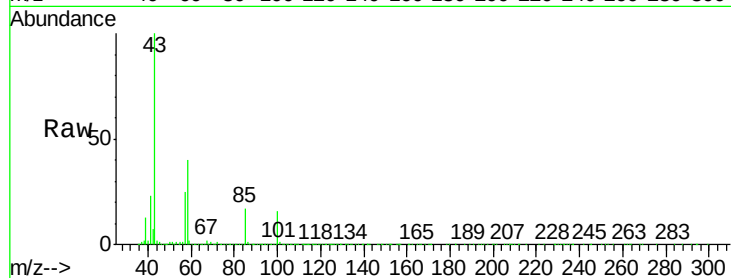
VSTDIC100

Tgt Ion: 43 Resp: 2738962

Ion Ratio Lower Upper

43 100

58 40.0 31.6 47.4



#52

Toluene

Concen: 101.90 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015083.D

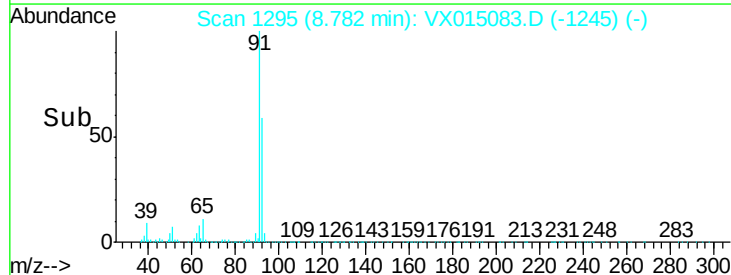
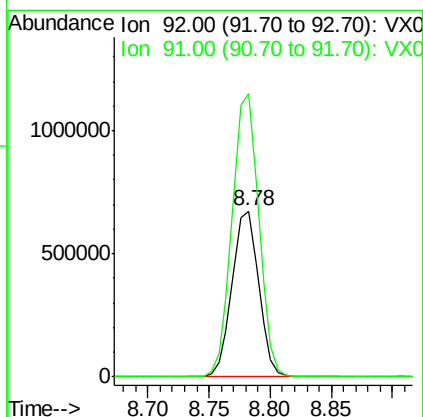
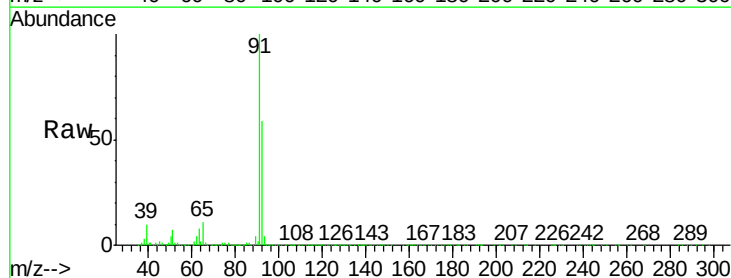
Acq: 04 Mar 2020 10:09

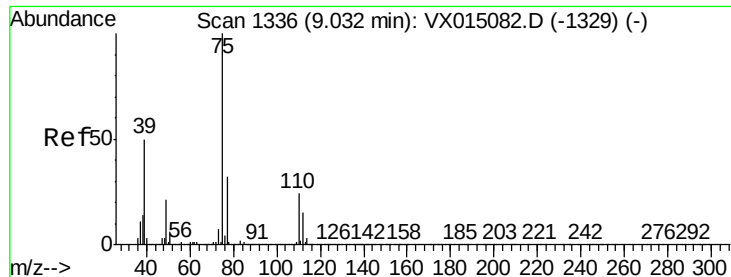
Tgt Ion: 92 Resp: 1014787

Ion Ratio Lower Upper

92 100

91 170.8 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 109.05 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

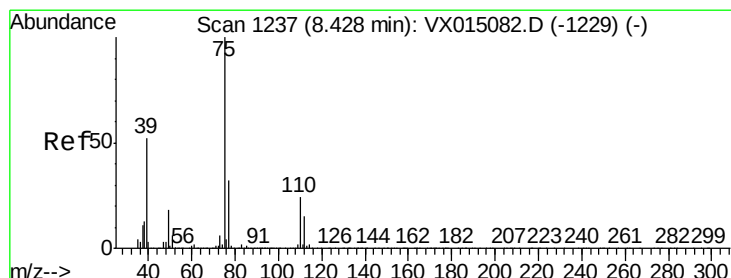
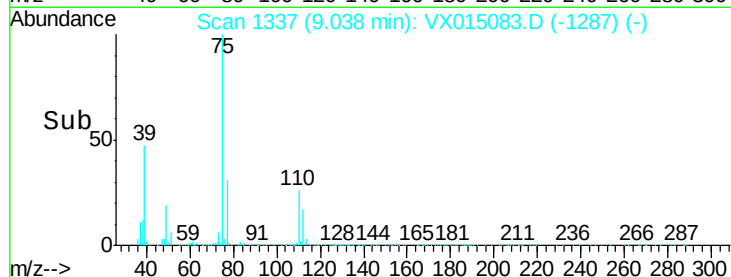
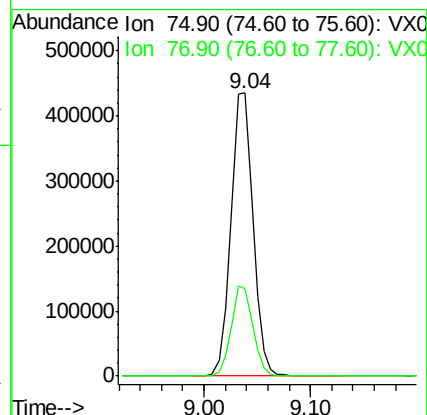
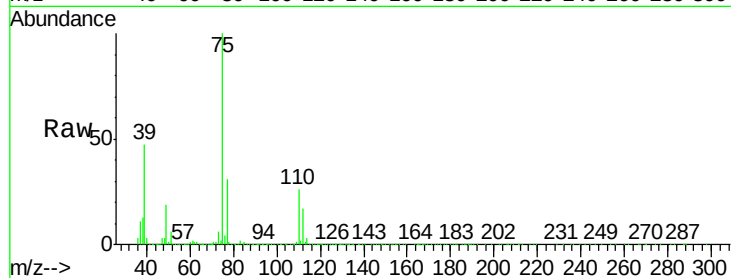
VSTDIC100

Tgt Ion: 75 Resp: 634625

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 106.76 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

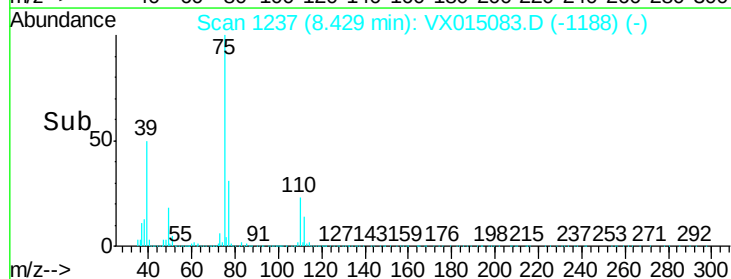
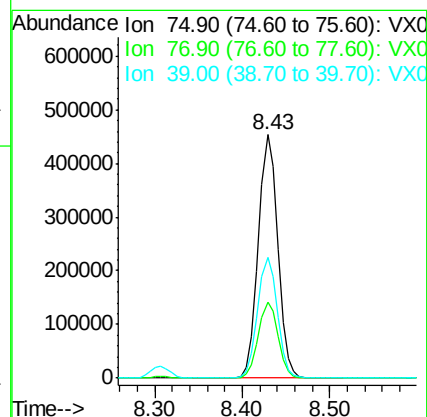
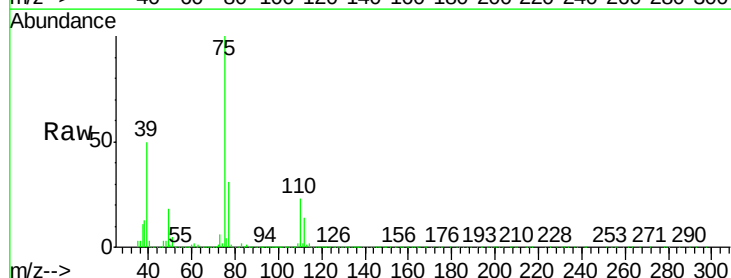
Tgt Ion: 75 Resp: 697865

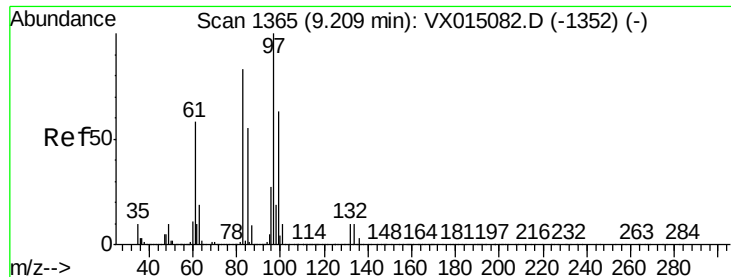
Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6

39 49.5 41.3 61.9

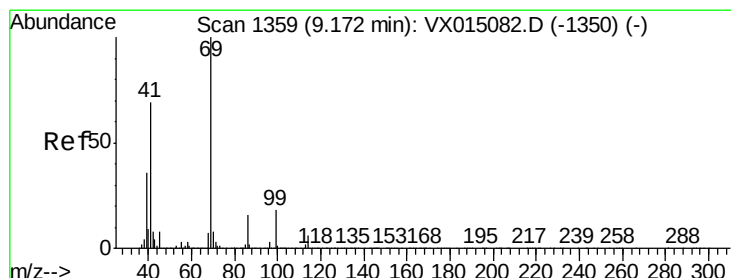
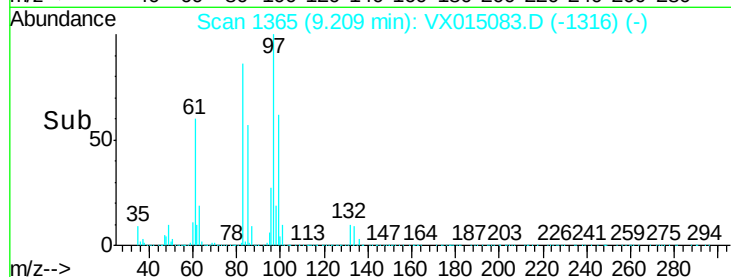
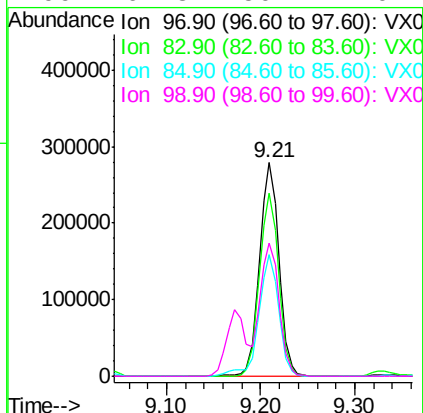
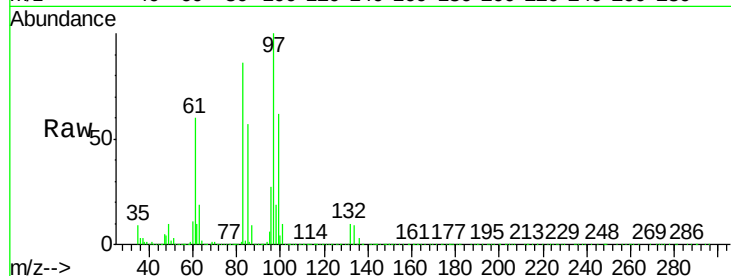




#55
 1,1,2-Trichloroethane
 Concen: 98.13 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

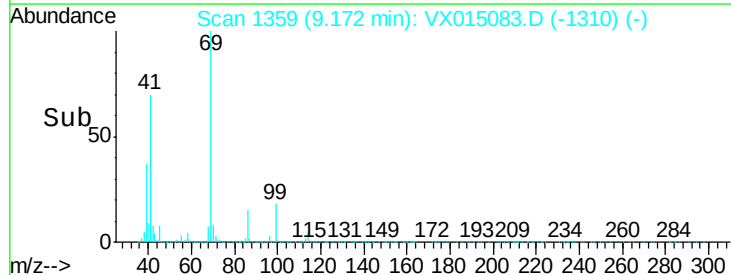
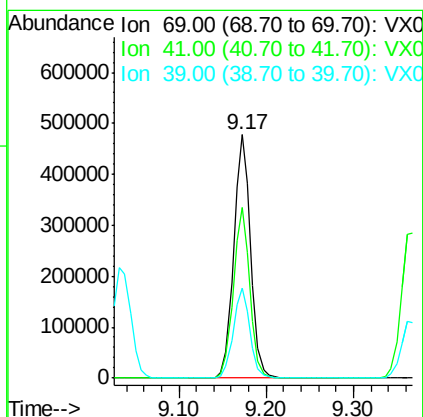
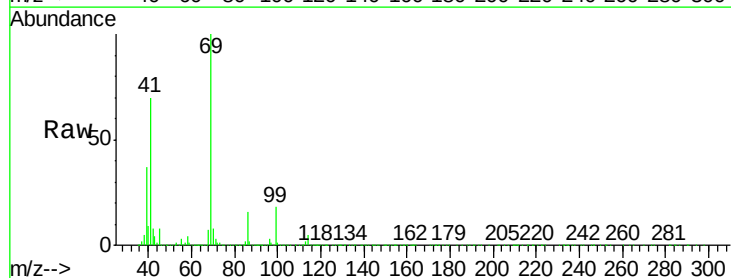
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

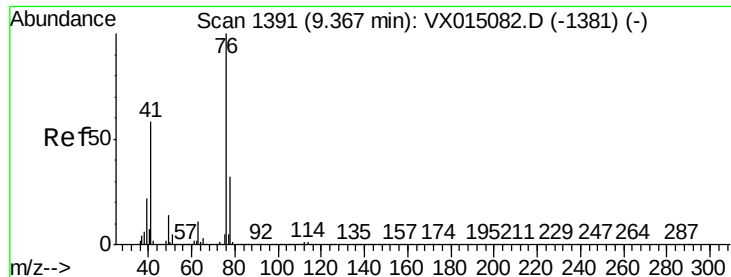
Tgt Ion:	97	Resp:	402273
Ion	Ratio	Lower	Upper
97	100		
83	85.7	66.4	99.6
85	56.7	43.5	65.3
99	62.3	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 109.89 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

Tgt Ion:	69	Resp:	642442
Ion	Ratio	Lower	Upper
69	100		
41	68.5	55.8	83.8
39	36.4	29.4	44.2

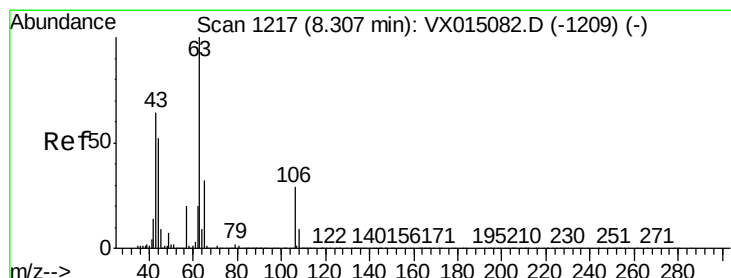
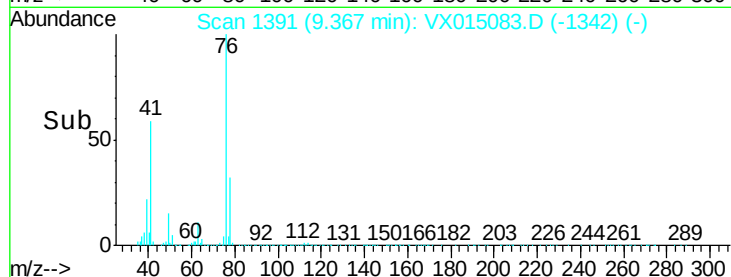
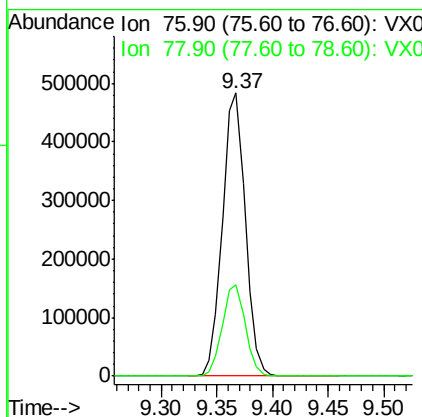
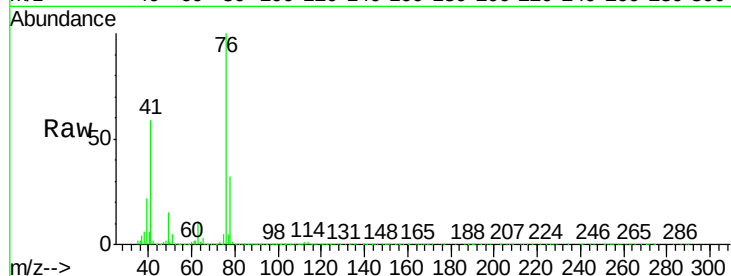




#57
 1,3-Dichloropropane
 Concen: 99.93 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

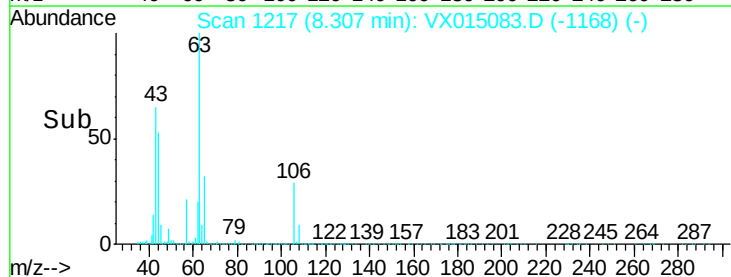
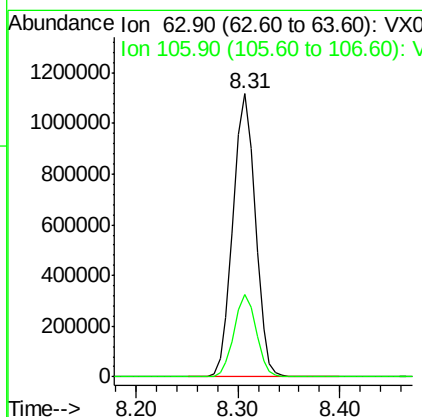
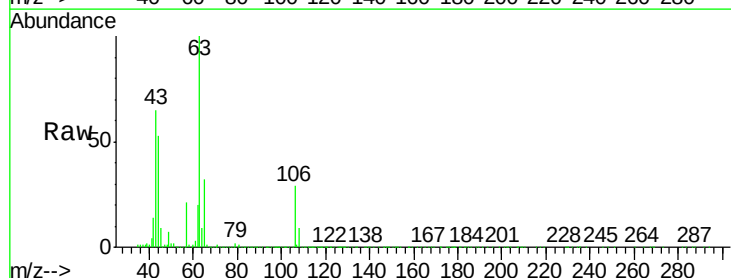
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

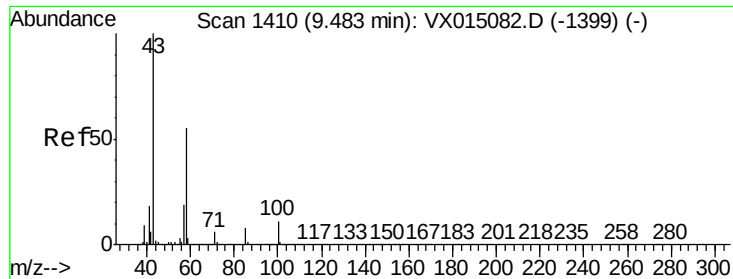
Tgt Ion: 76 Resp: 689174
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 531.36 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

Tgt Ion: 63 Resp: 1692470
 Ion Ratio Lower Upper
 63 100
 106 28.9 22.8 34.2

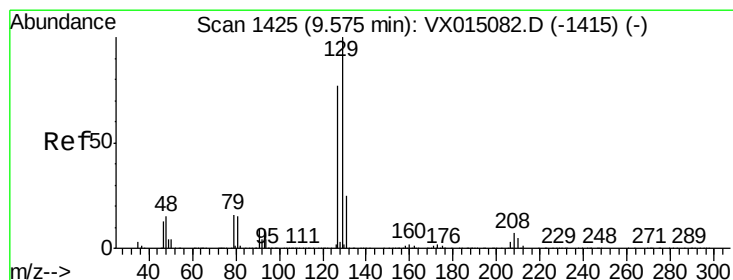
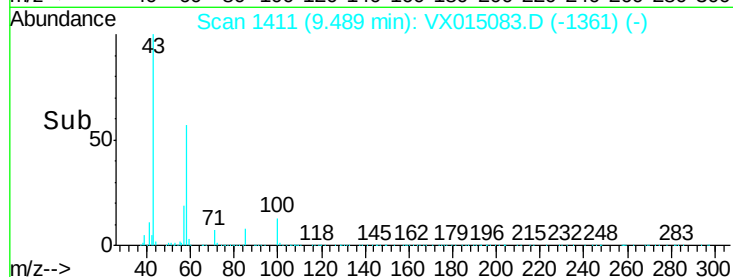
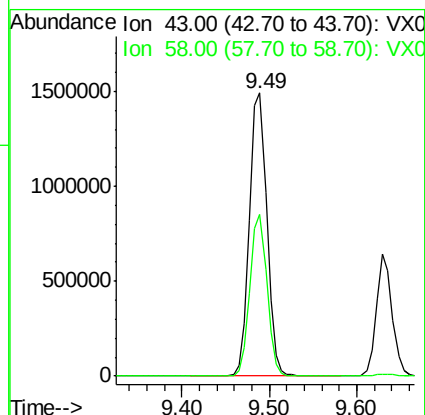
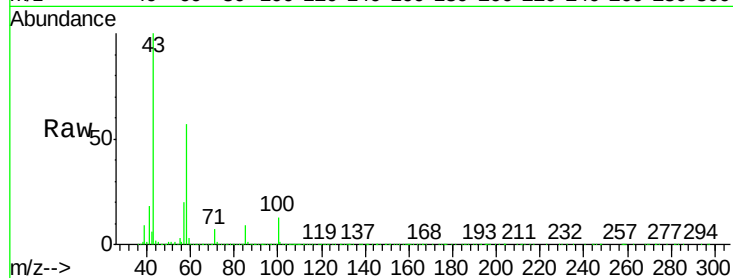




#59
2-Hexanone
Concen: 523.67 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

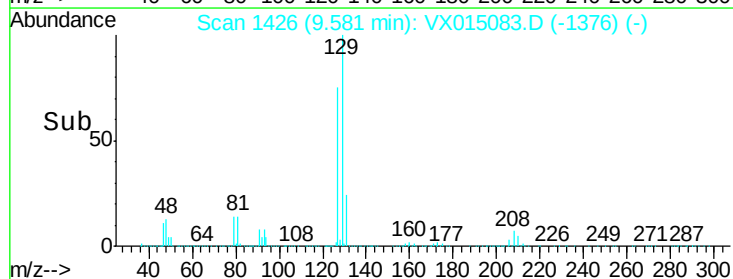
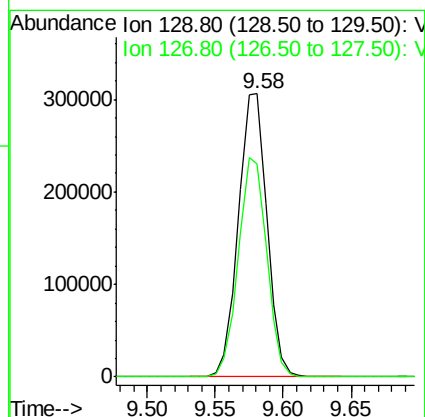
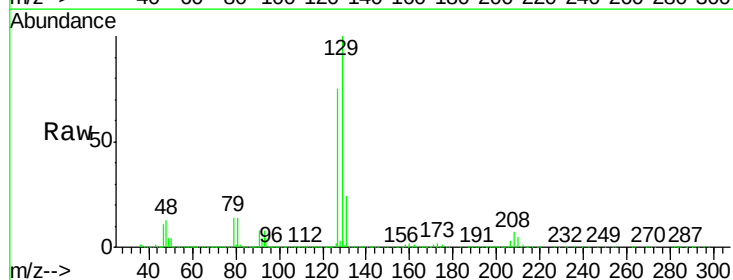
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

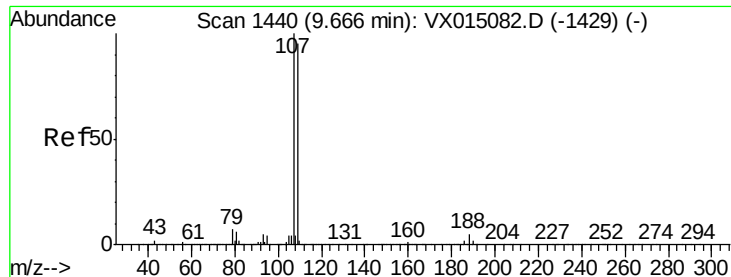
Tgt Ion: 43 Resp: 2055703
Ion Ratio Lower Upper
43 100
58 56.0 27.3 81.8



#60
Dibromochloromethane
Concen: 104.32 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion: 129 Resp: 449203
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3





#61

1,2-Dibromoethane

Concen: 97.85 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

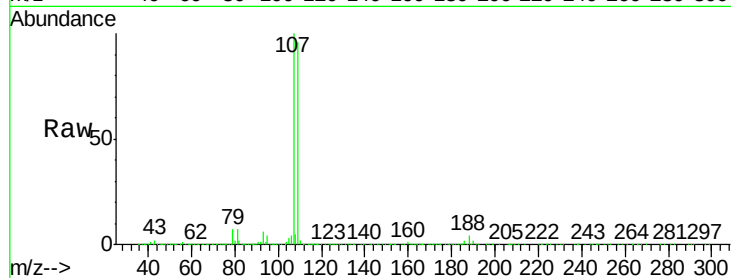
VSTDIC100

Tgt Ion: 107 Resp: 421304

Ion Ratio Lower Upper

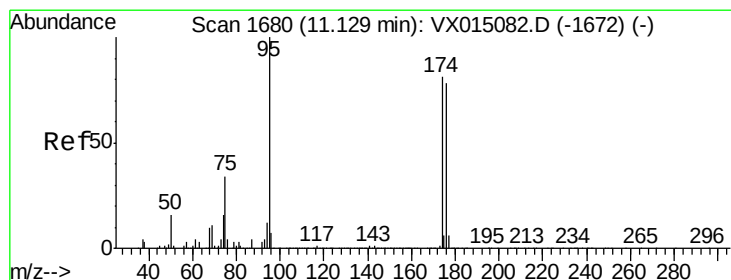
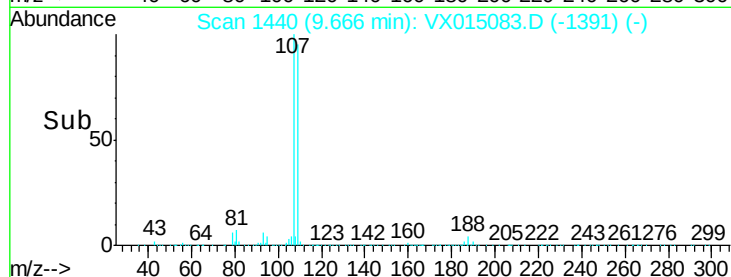
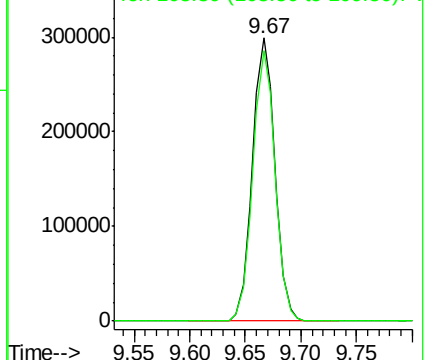
107 100

109 95.0 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 99.88 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

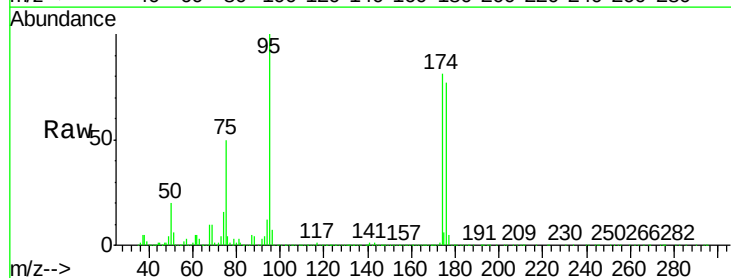
Tgt Ion: 95 Resp: 507436

Ion Ratio Lower Upper

95 100

174 88.8 0.0 177.6

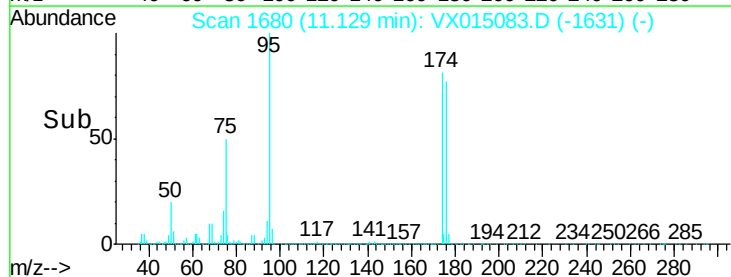
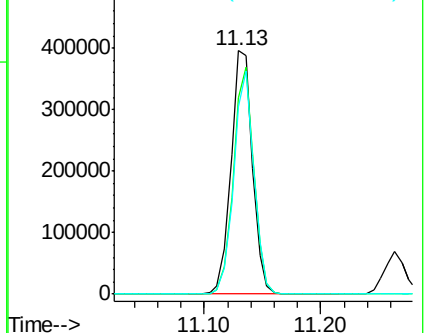
176 86.5 0.0 170.2

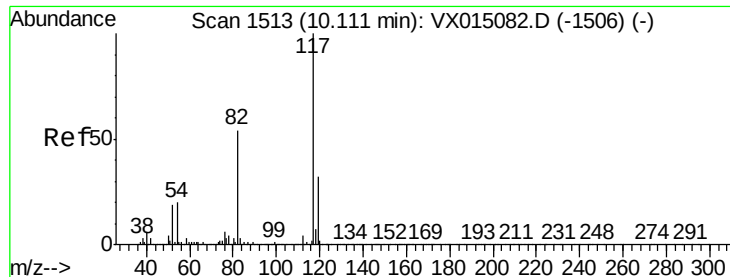


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

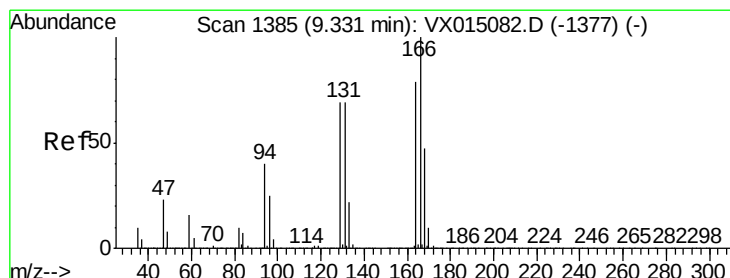
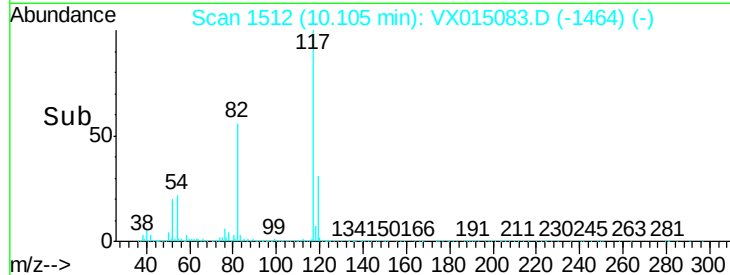
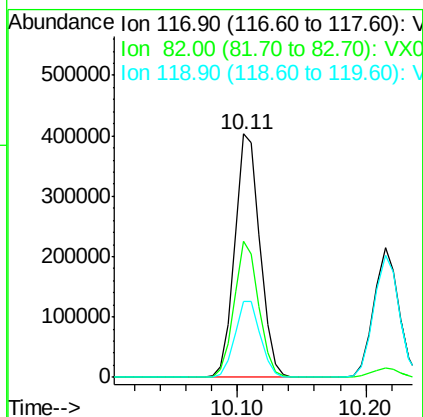
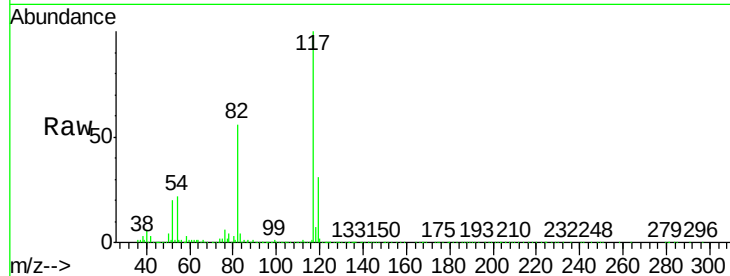




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

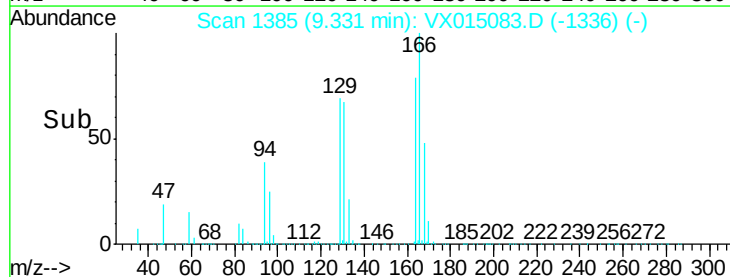
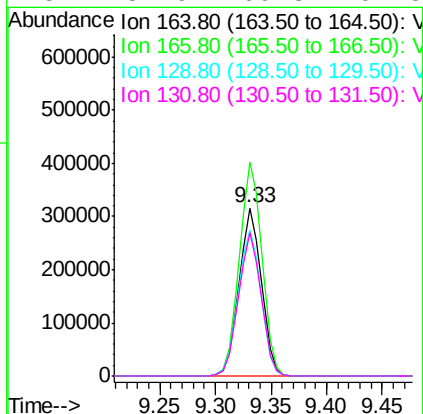
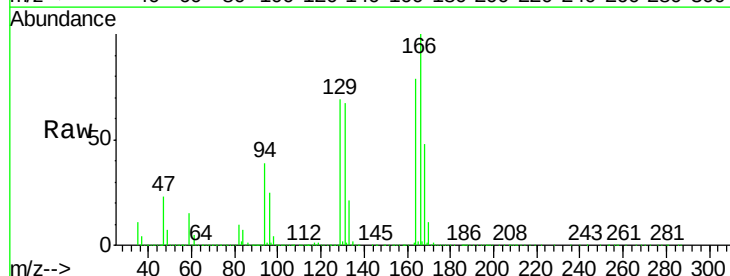
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

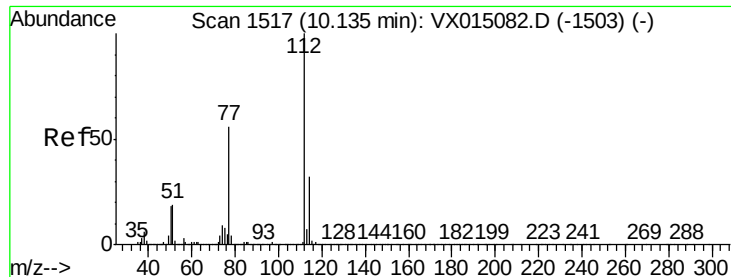
Tgt Ion:117 Resp: 547544
Ion Ratio Lower Upper
117 100
82 55.8 43.3 64.9
119 31.4 25.8 38.8



#64
Tetrachloroethene
Concen: 96.94 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion:164 Resp: 438882
Ion Ratio Lower Upper
164 100
166 127.0 101.1 151.7
129 87.1 69.4 104.0
131 84.9 69.8 104.8

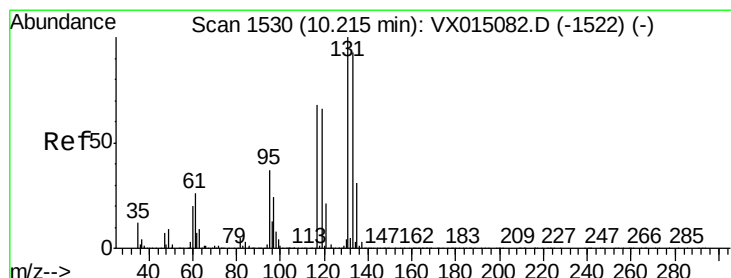
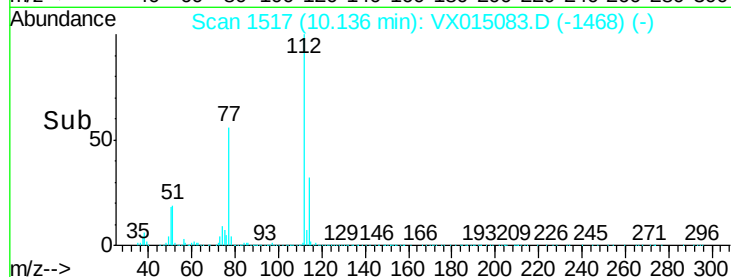
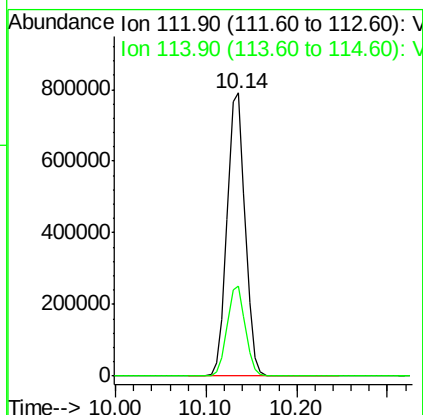
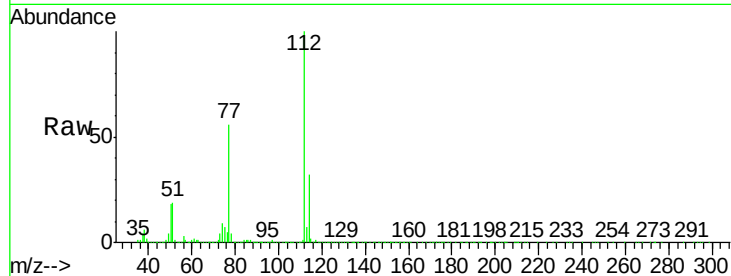




#65
Chlorobenzene
Concen: 99.13 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

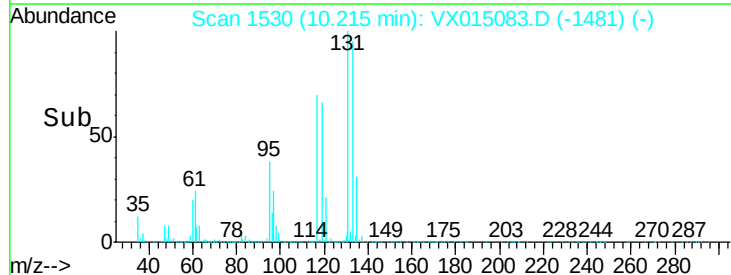
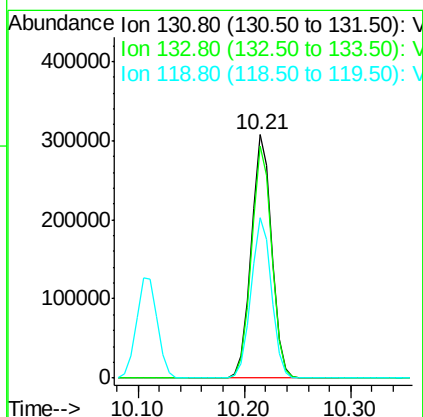
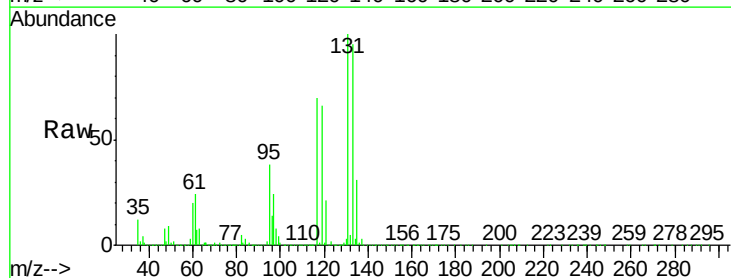
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

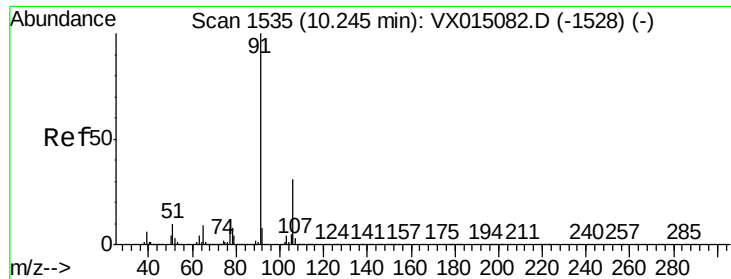
Tgt Ion:112 Resp: 1089678
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 99.72 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion:131 Resp: 413342
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.5
119 65.8 33.4 100.1

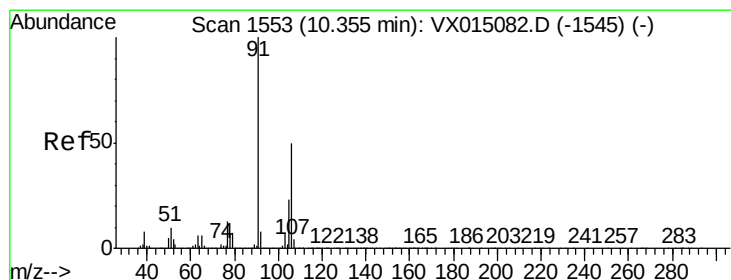
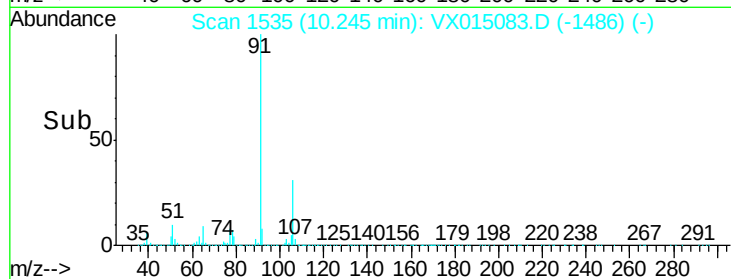
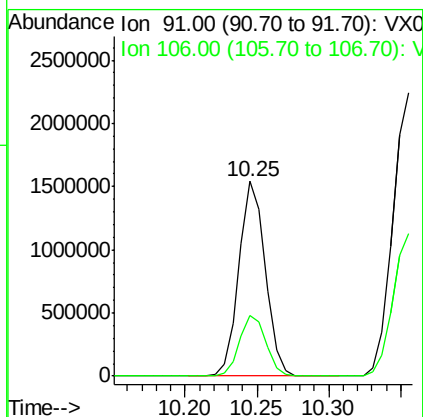
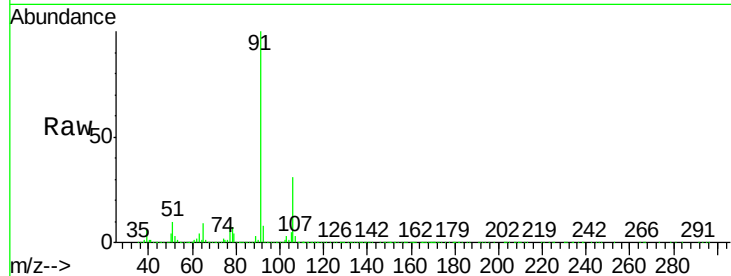




#67
Ethyl Benzene
Concen: 105.12 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

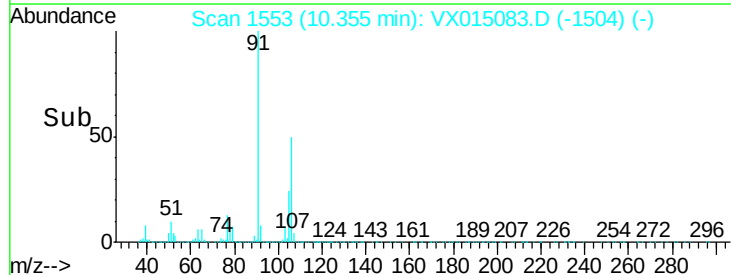
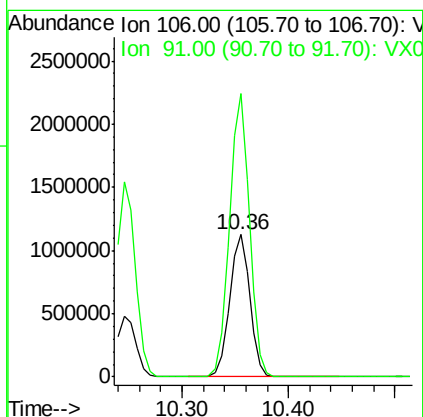
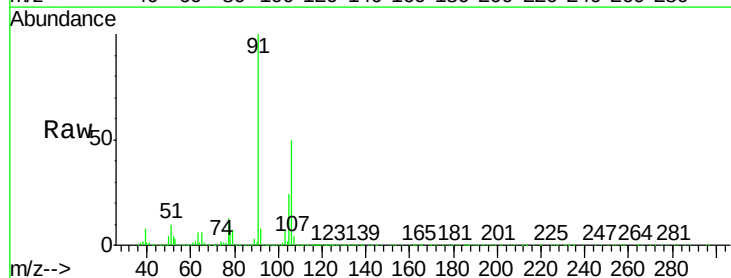
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

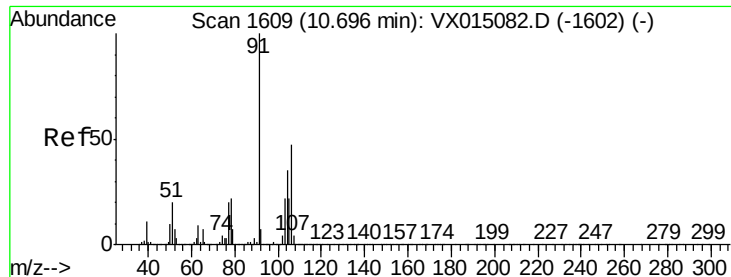
Tgt Ion: 91 Resp: 1962274
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3



#68
m/p-Xylenes
Concen: 210.05 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion: 106 Resp: 1491791
Ion Ratio Lower Upper
106 100
91 197.6 159.4 239.2

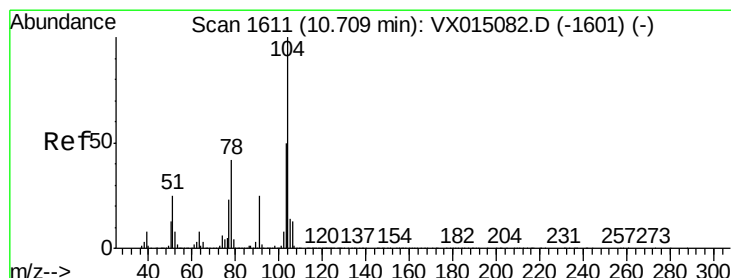
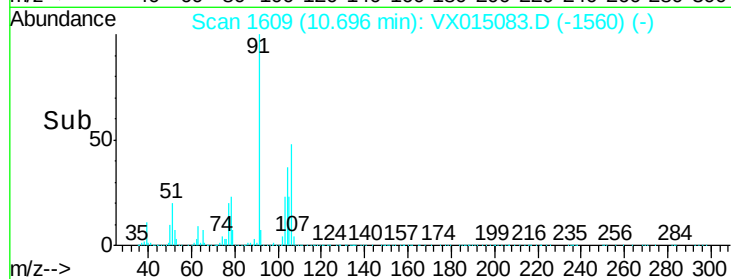
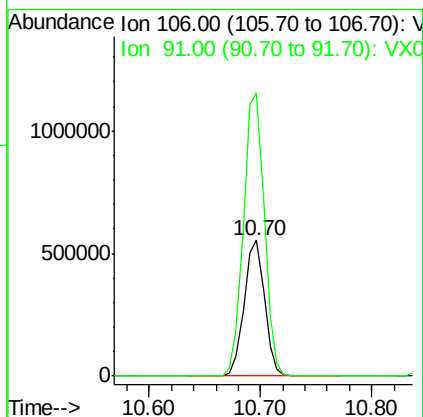
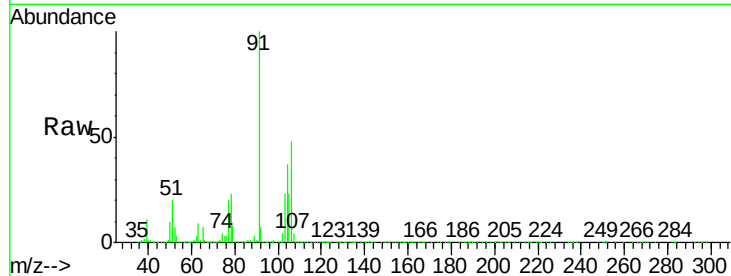




#69
o-Xylene
Concen: 103.86 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

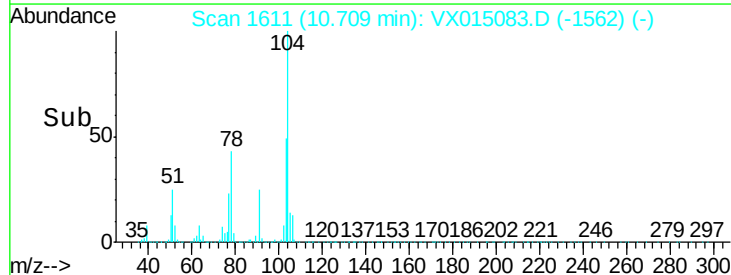
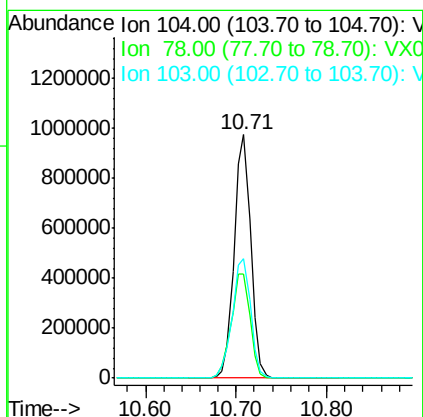
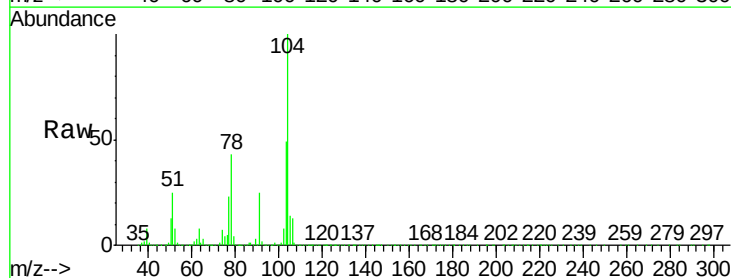
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

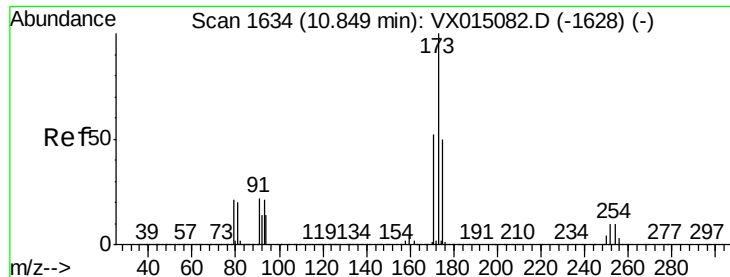
Tgt Ion:106 Resp: 706252
Ion Ratio Lower Upper
106 100
91 212.6 105.4 316.1



#70
Styrene
Concen: 106.27 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion:104 Resp: 1239001
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 54.5 43.7 65.5

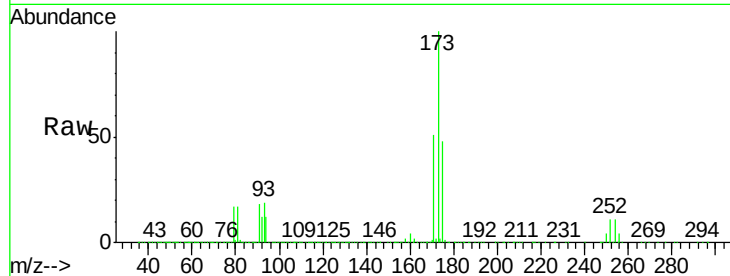




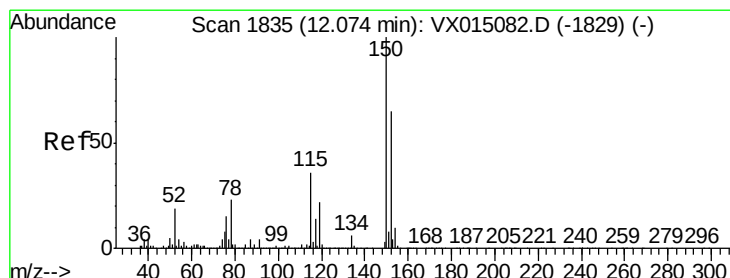
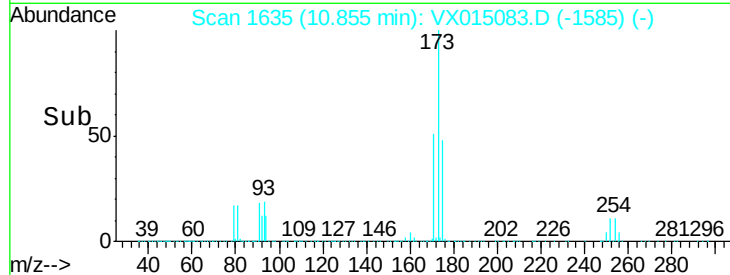
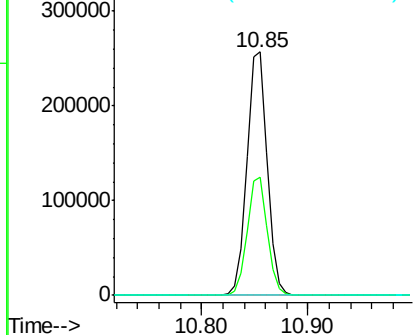
#71
Bromoform
Concen: 107.11 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:173 Resp: 344303
Ion Ratio Lower Upper
173 100
175 48.0 24.9 74.7
254 0.2 0.2 0.2

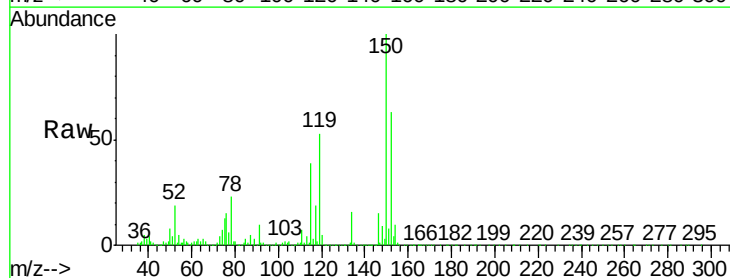


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

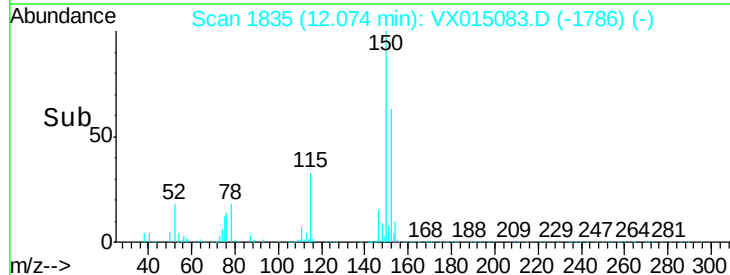
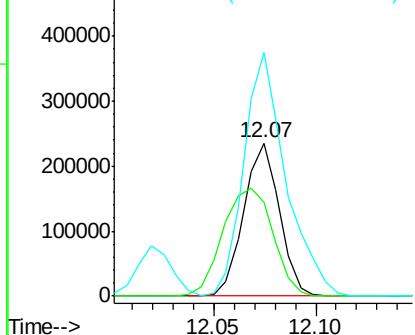


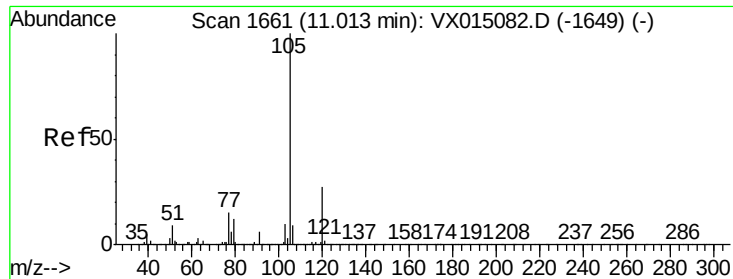
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion:152 Resp: 285364
Ion Ratio Lower Upper
152 100
115 98.8 38.2 114.6
150 188.2 0.0 343.8



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





#73

Isopropylbenzene

Concen: 103.83 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

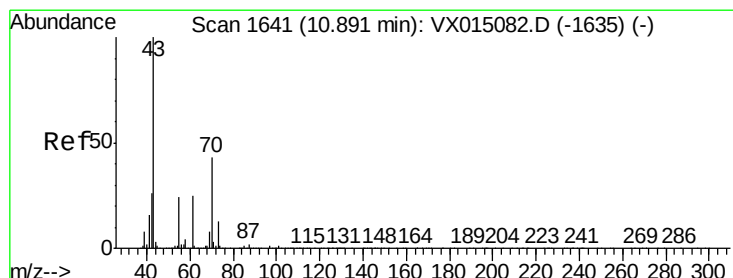
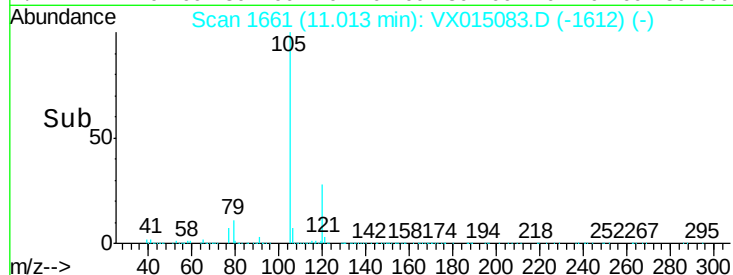
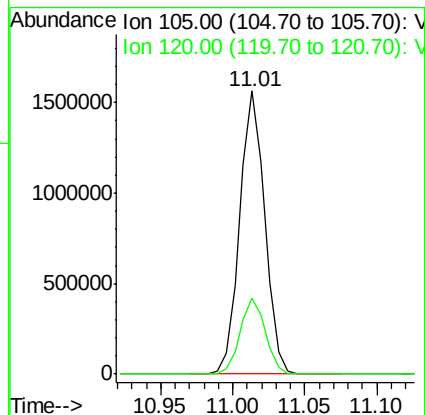
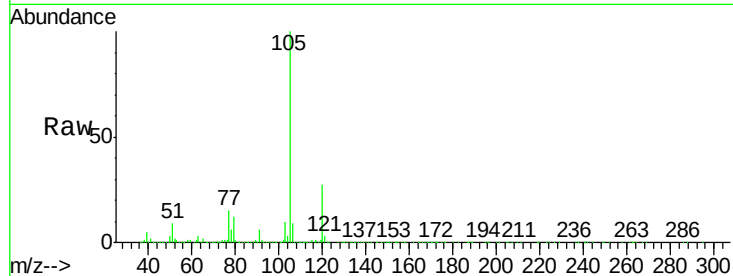
VSTDIC100

Tgt Ion:105 Resp: 1892770

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#74

N-ethyl acetate

Concen: 107.44 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Tgt Ion: 43 Resp: 825422

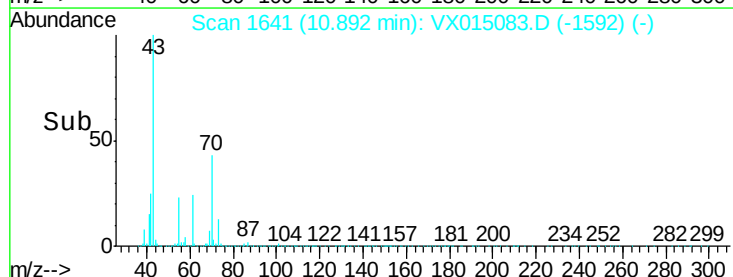
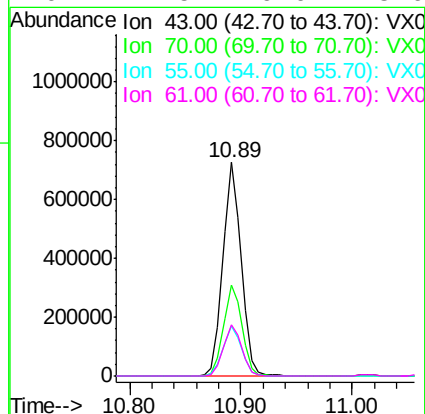
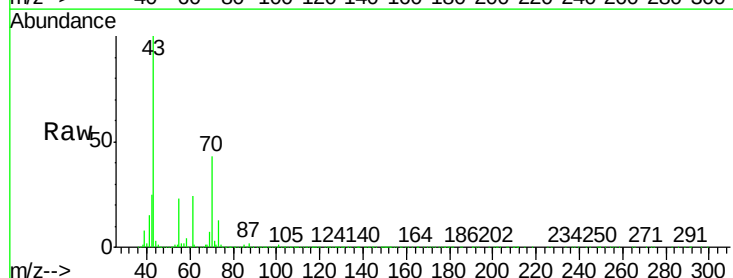
Ion Ratio Lower Upper

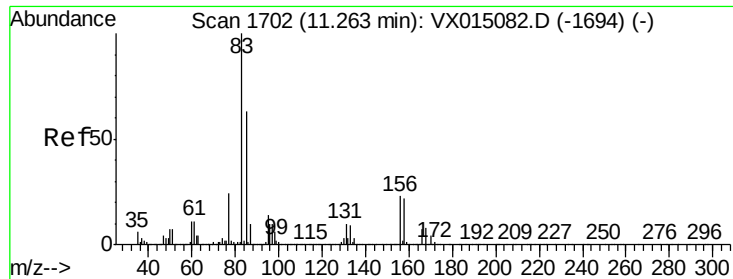
43 100

70 43.0 34.7 52.1

55 23.9 19.4 29.0

61 24.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 96.43 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

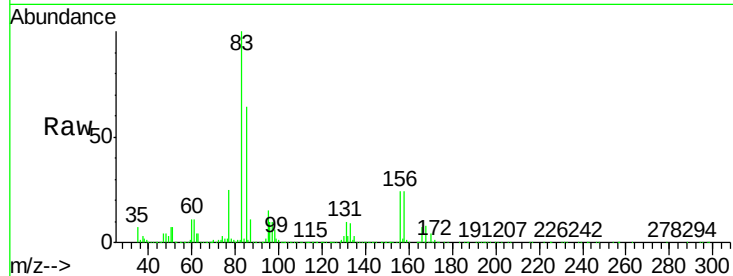
Tgt Ion: 83 Resp: 585810

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

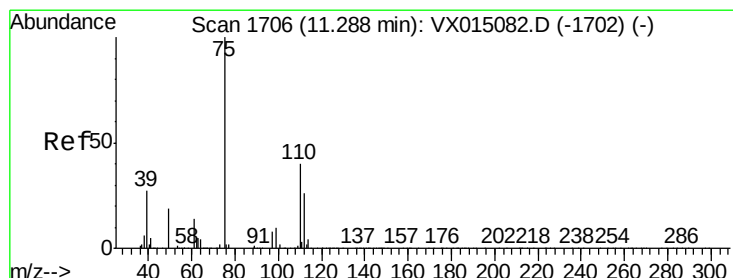
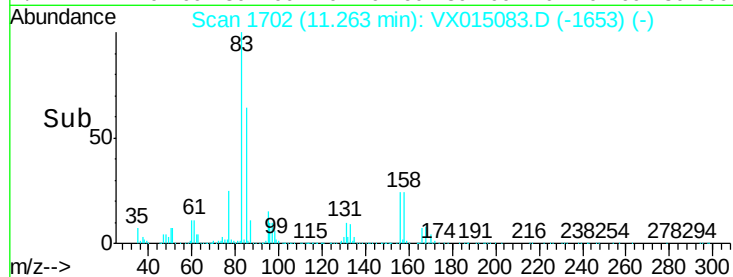
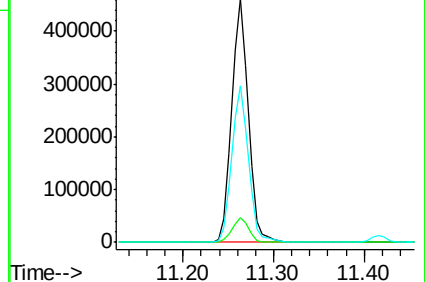
85 64.3 31.9 95.9



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: 124.00 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX015083.D

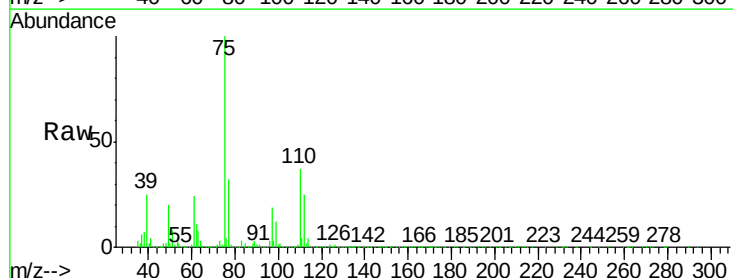
Acq: 04 Mar 2020 10:09

Tgt Ion: 75 Resp: 694432

Ion Ratio Lower Upper

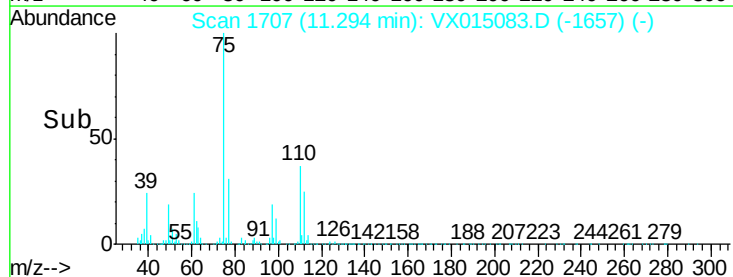
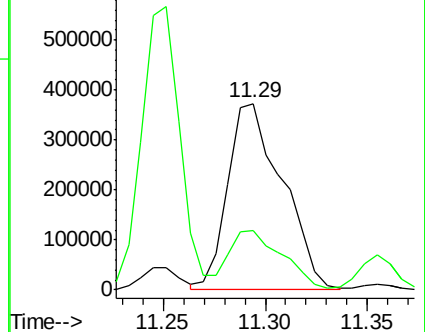
75 100

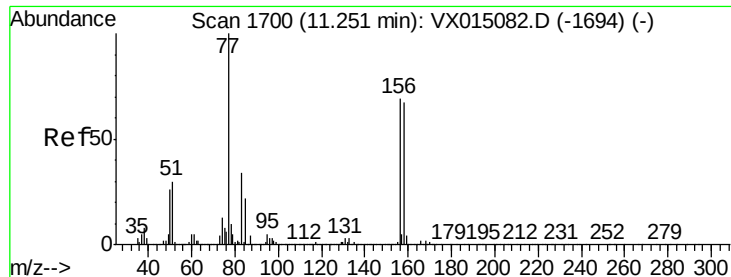
77 30.6 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 96.91 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

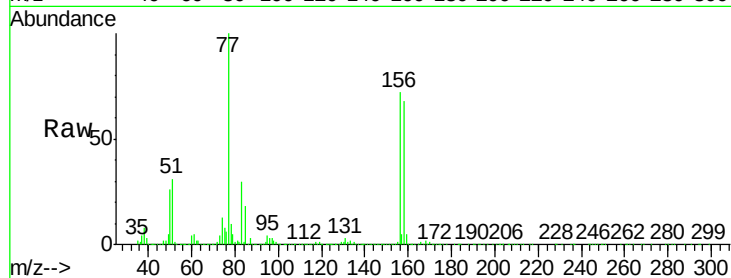
Tgt Ion:156 Resp: 492320

Ion Ratio Lower Upper

156 100

77 150.8 75.3 225.9

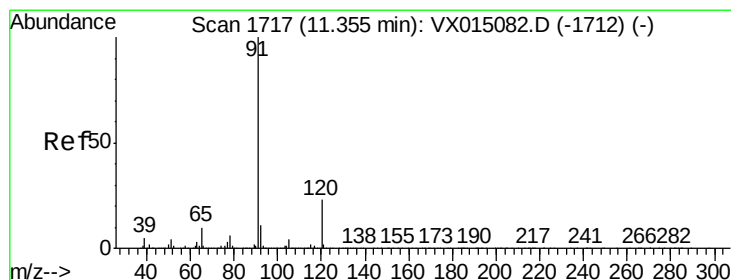
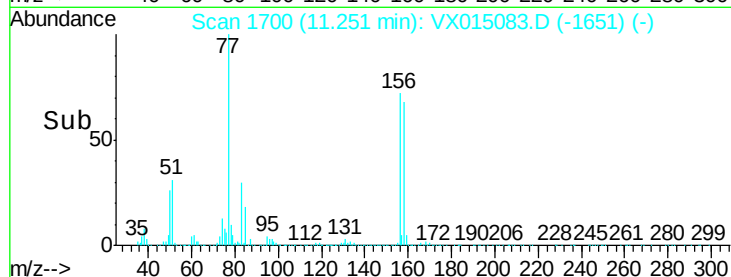
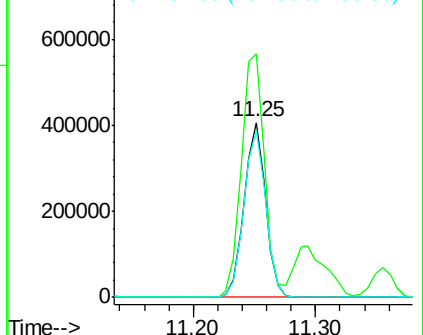
158 97.6 48.5 145.6



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: 104.52 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015083.D

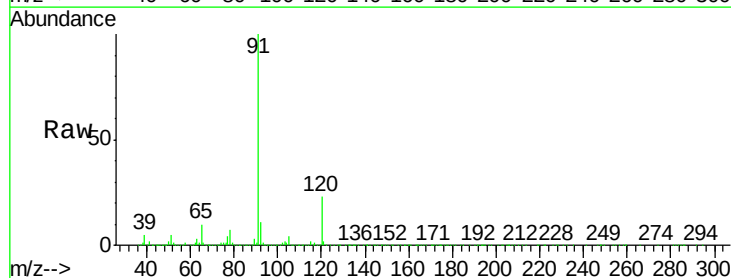
Acq: 04 Mar 2020 10:09

Tgt Ion: 91 Resp: 2176785

Ion Ratio Lower Upper

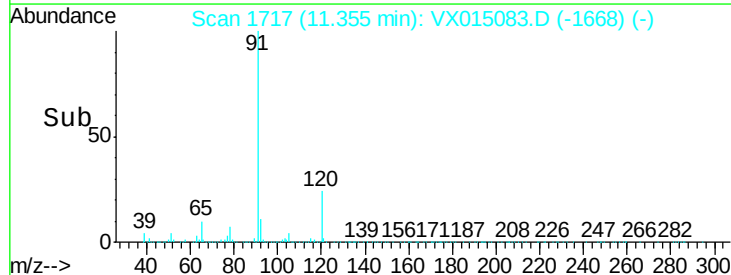
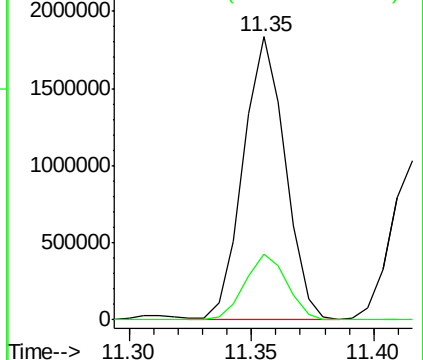
91 100

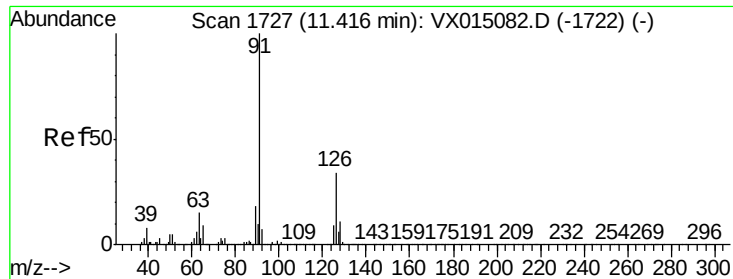
120 23.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

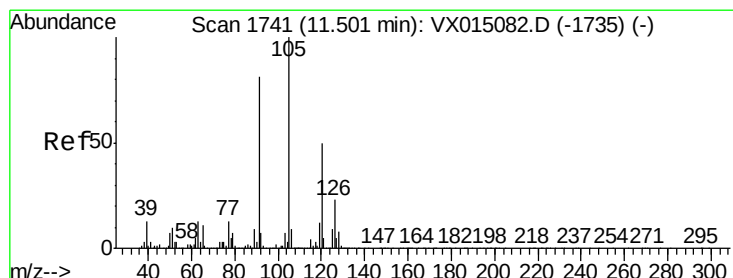
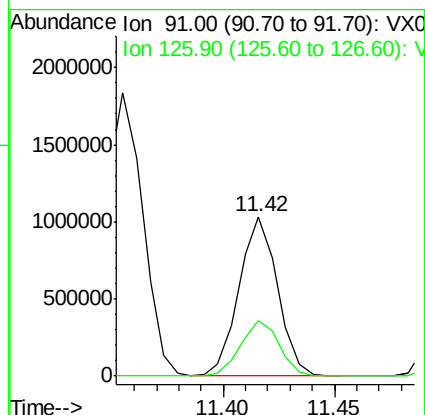
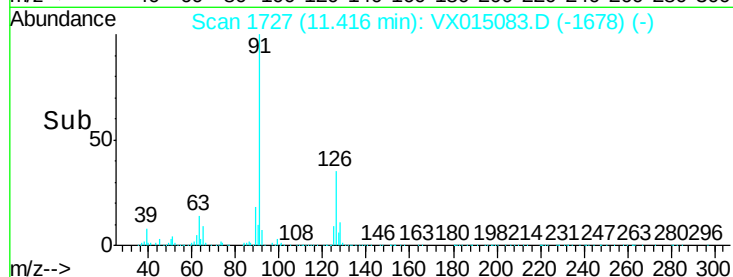
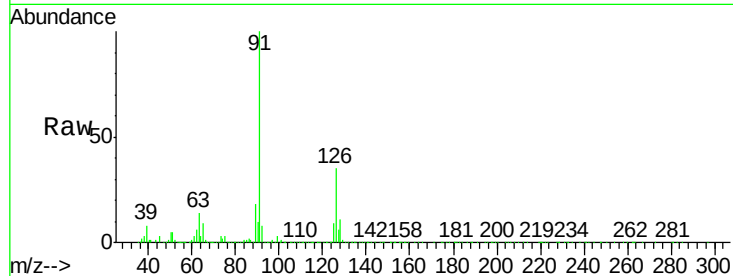




#79
 2-Chlorotoluene
 Concen: 100.16 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

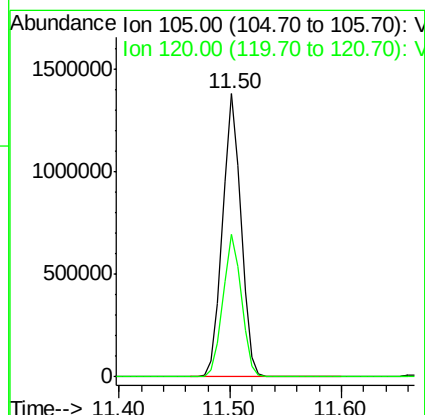
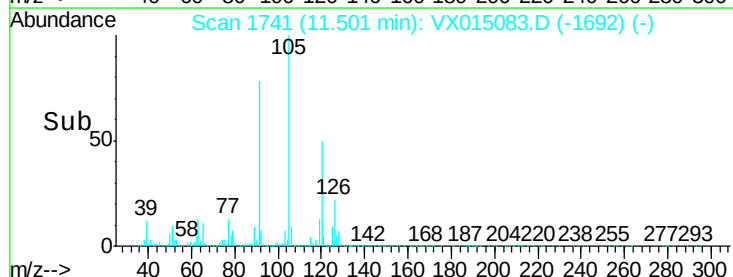
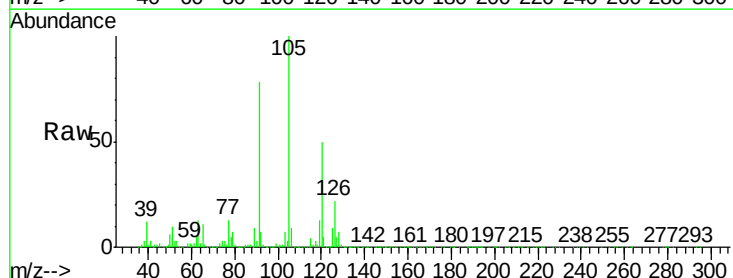
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

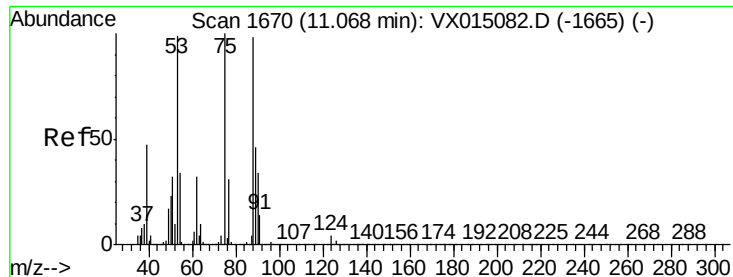
Tgt Ion: 91 Resp: 1245766
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 104.40 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

Tgt Ion: 105 Resp: 1584340
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 106.56 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

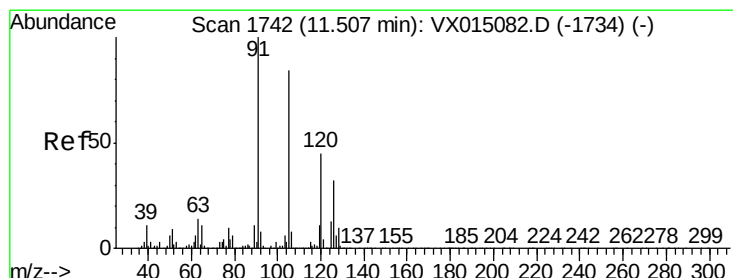
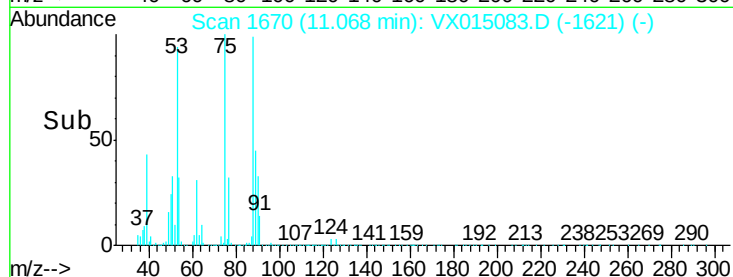
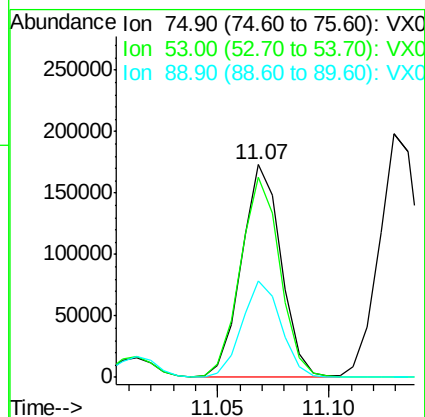
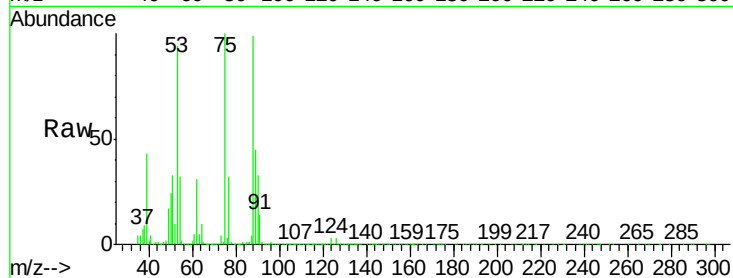
Tgt Ion: 75 Resp: 213727

Ion Ratio Lower Upper

75 100

53 94.0 77.9 116.9

89 45.0 36.2 54.2



#82

4-Chlorotoluene

Concen: 101.12 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015083.D

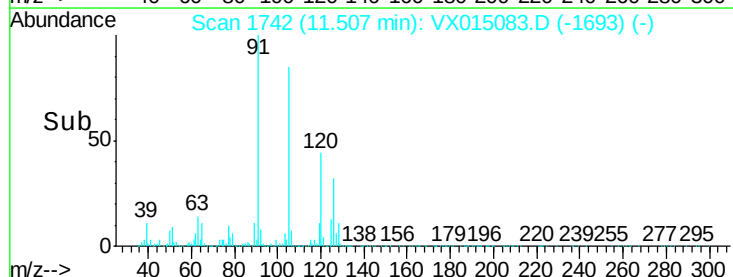
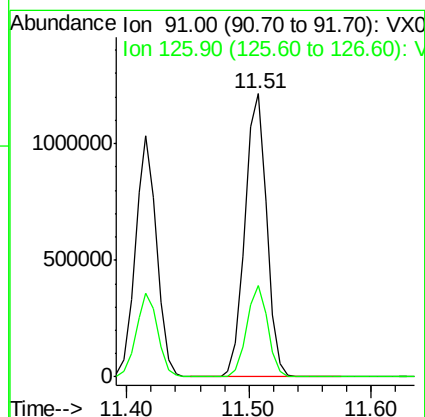
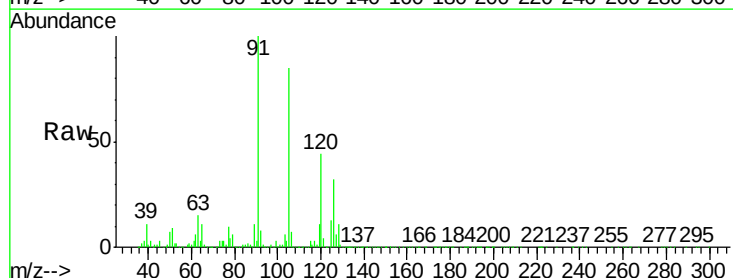
Acq: 04 Mar 2020 10:09

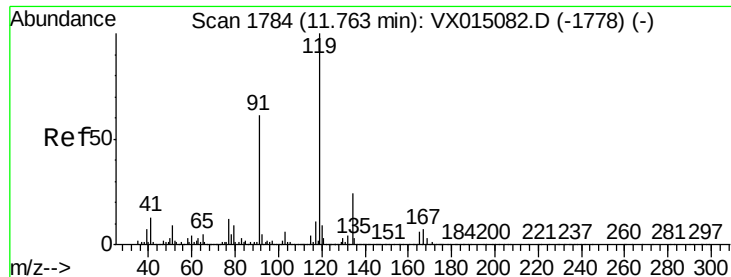
Tgt Ion: 91 Resp: 1485822

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.2

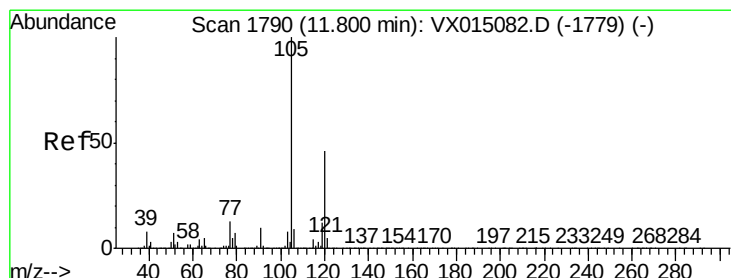
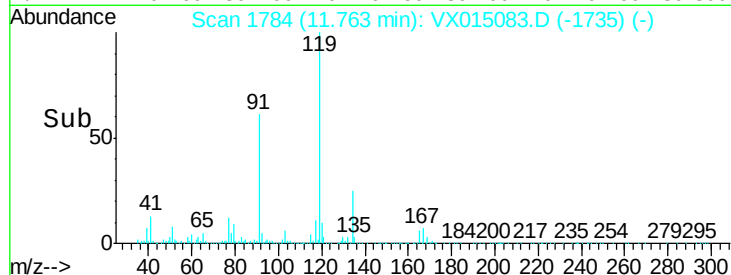
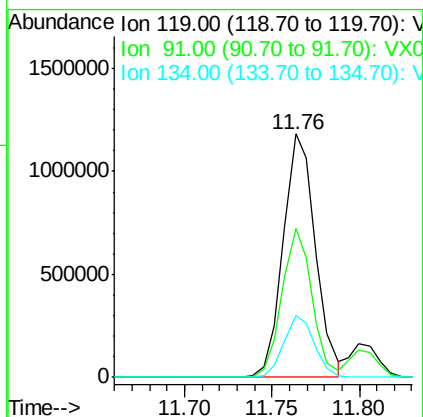
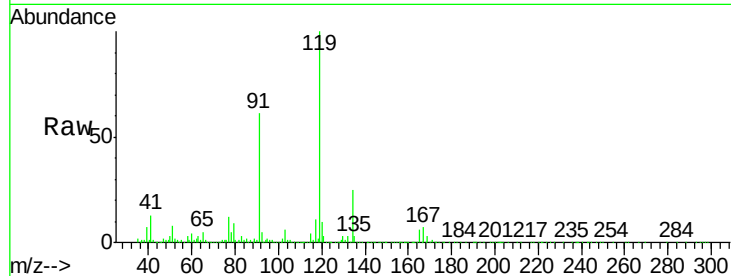




#83
 tert-Butylbenzene
 Concen: 103.43 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

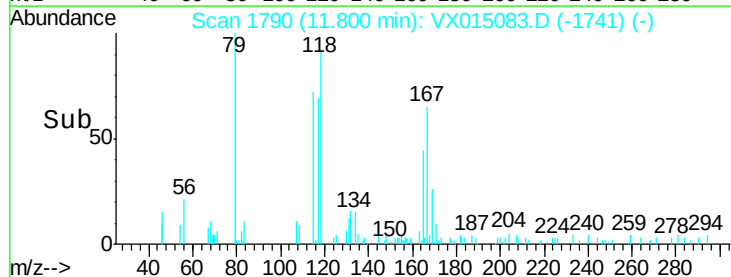
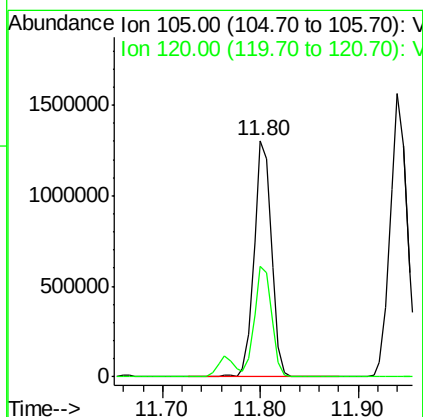
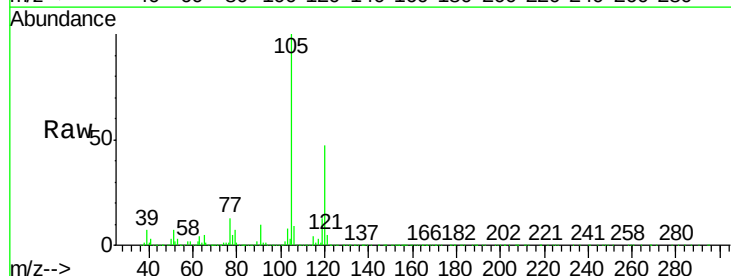
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

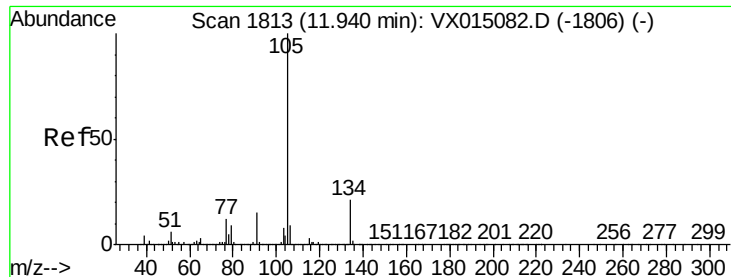
Tgt Ion:119 Resp: 1517709
 Ion Ratio Lower Upper
 119 100
 91 57.3 28.5 85.6
 134 24.2 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 104.78 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

Tgt Ion:105 Resp: 1597310
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 105.11 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

Instrument :

MSVOA_X

ClientSampleId :

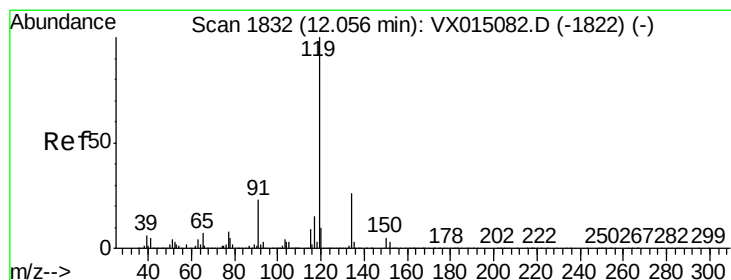
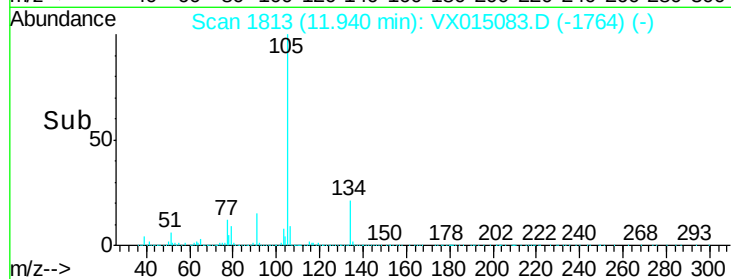
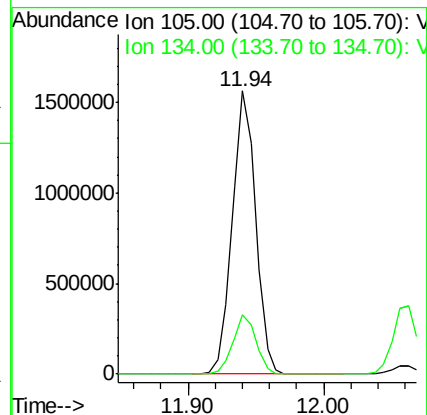
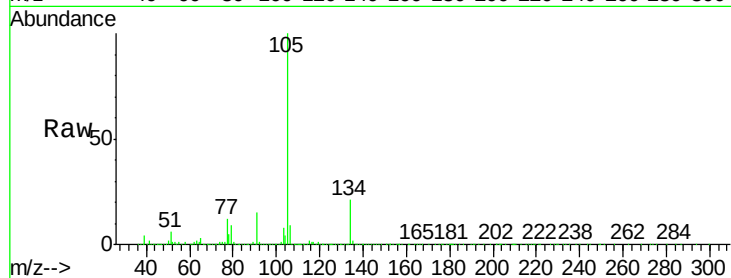
VSTDIC100

Tgt Ion:105 Resp: 1861811

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



#86

p-Isopropyltoluene

Concen: 105.74 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015083.D

Acq: 04 Mar 2020 10:09

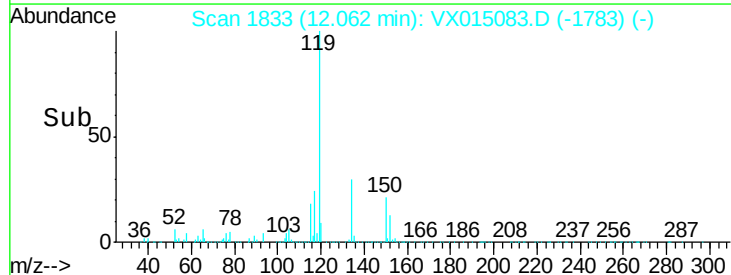
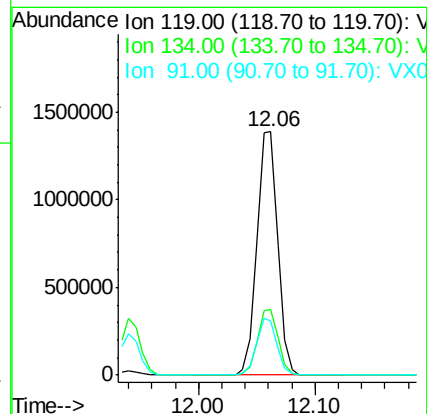
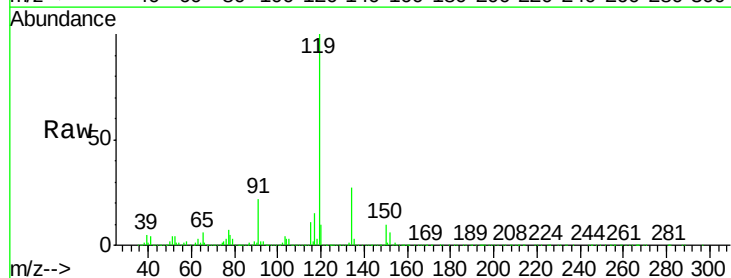
Tgt Ion:119 Resp: 1725595

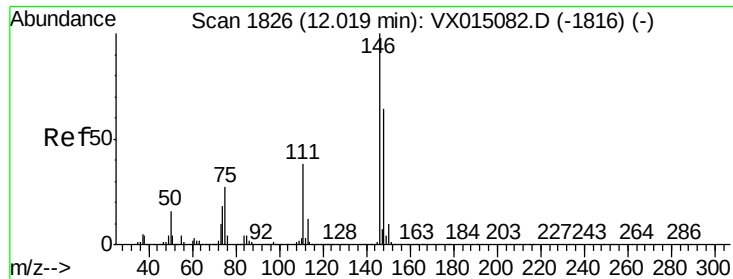
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.7 11.3 33.8

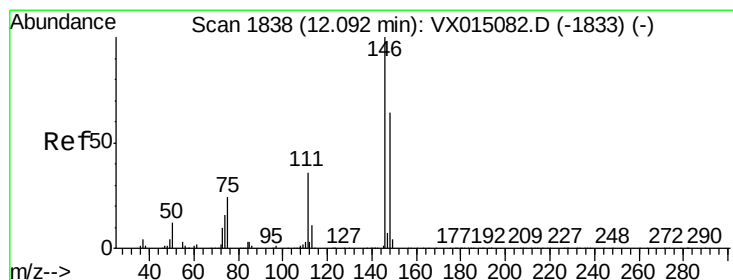
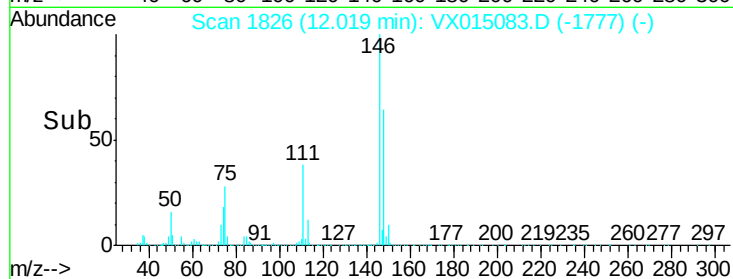
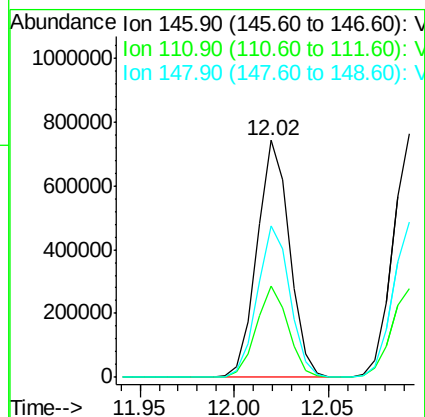
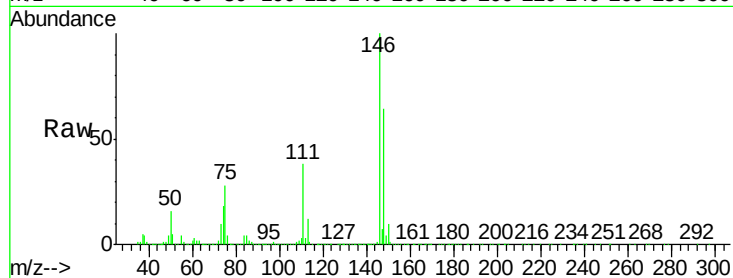




#87
 1,3-Dichlorobenzene
 Concen: 99.23 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

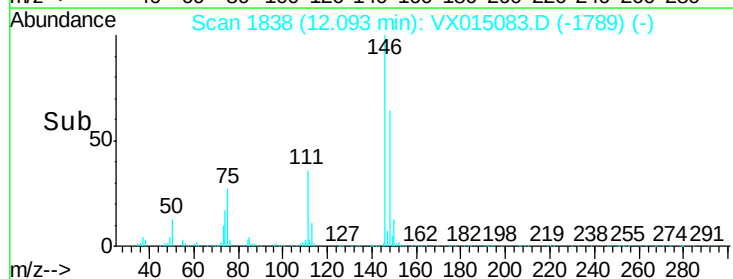
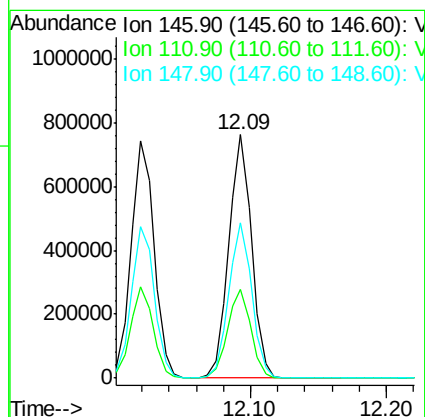
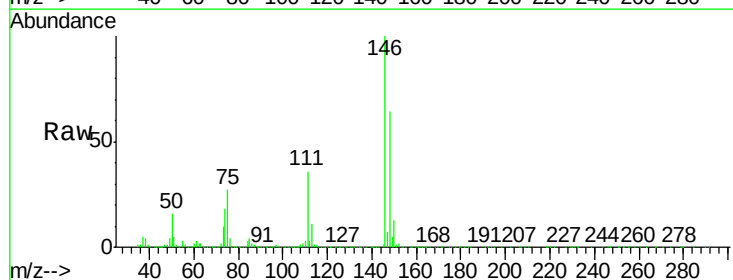
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

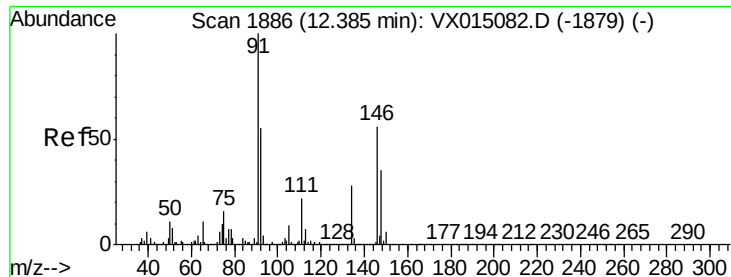
Tgt Ion:146 Resp: 886188
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.1 57.1
 148 64.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 98.27 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

Tgt Ion:146 Resp: 885905
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.7 56.1
 148 64.2 32.5 97.4

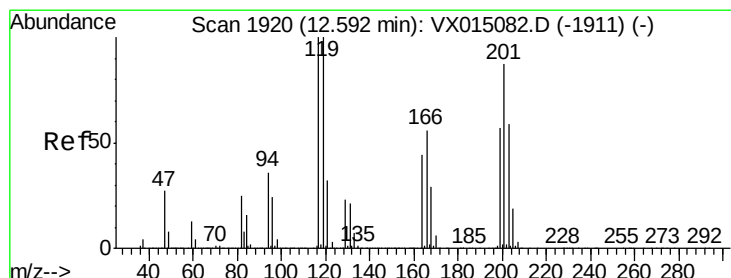
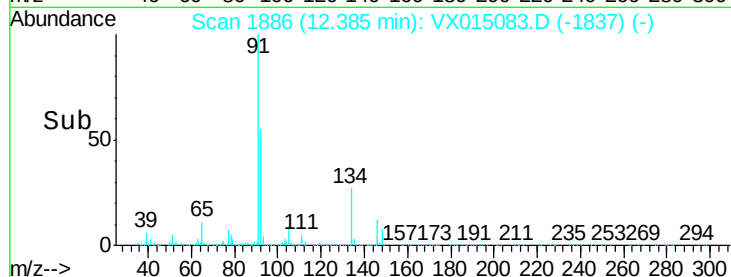
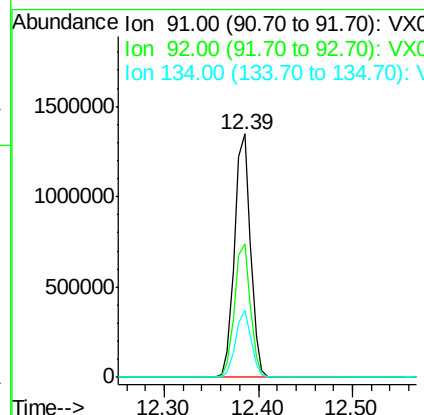
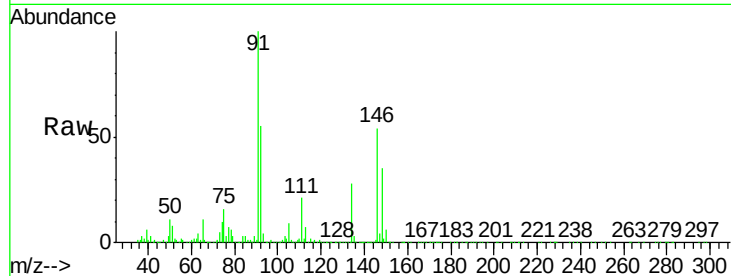




#89
n-Butylbenzene
Concen: 109.91 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

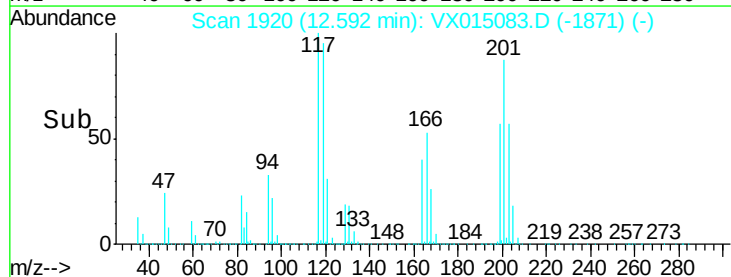
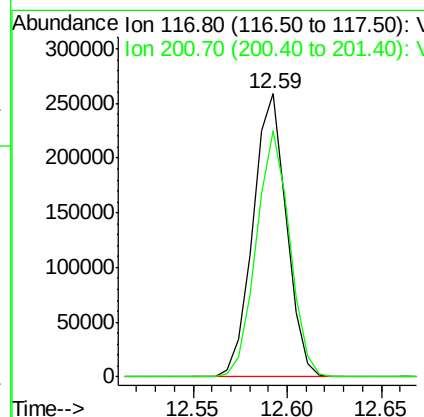
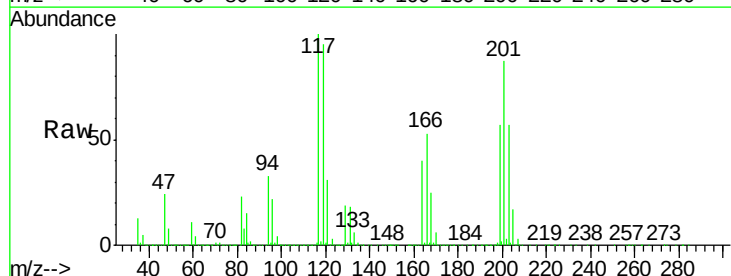
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

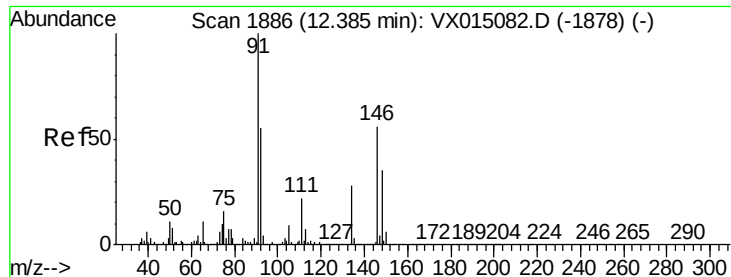
Tgt Ion: 91 Resp: 1595254
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 26.7 13.5 40.5



#90
Hexachloroethane
Concen: 103.15 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion: 117 Resp: 318231
Ion Ratio Lower Upper
117 100
201 86.9 43.5 130.7

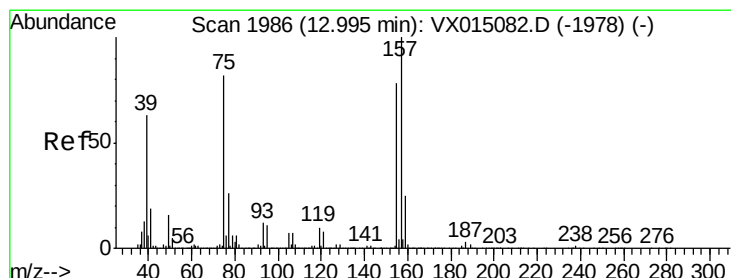
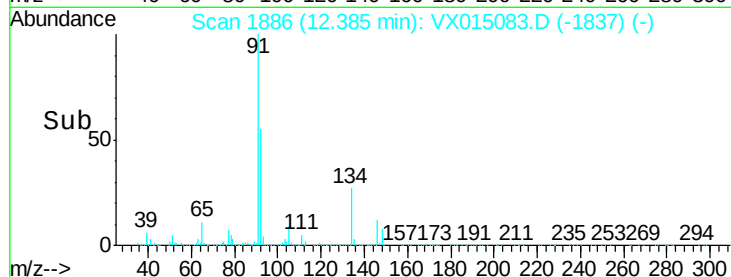
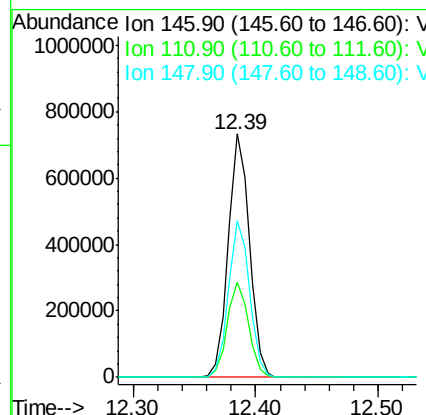
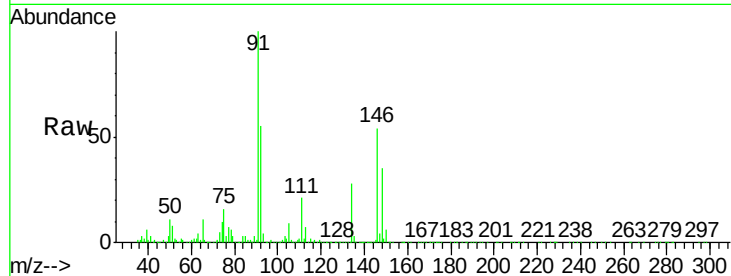




#91
 1,2-Dichlorobenzene
 Concen: 99.08 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

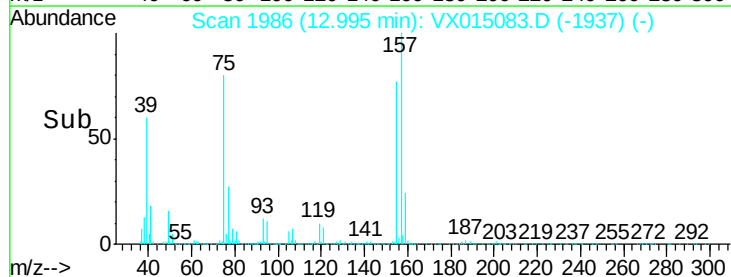
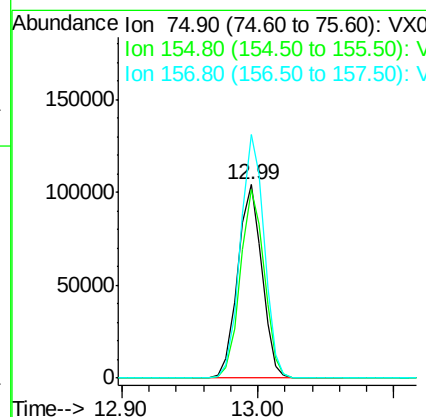
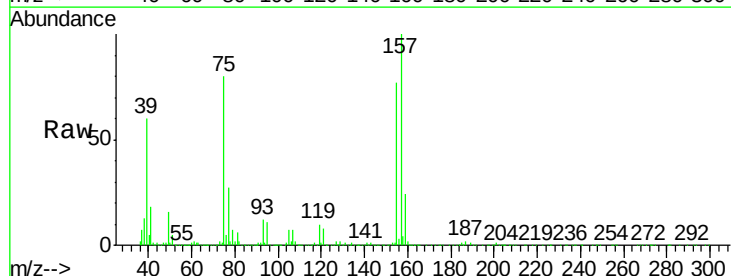
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

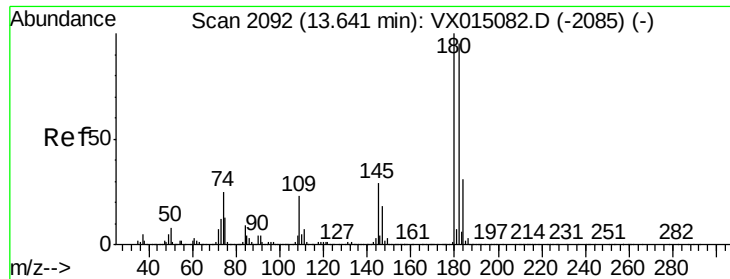
Tgt Ion: 146 Resp: 879729
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.9 59.7
 148 63.9 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 105.93 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

Tgt Ion: 75 Resp: 128869
 Ion Ratio Lower Upper
 75 100
 155 96.6 46.6 139.7
 157 124.5 59.2 177.5

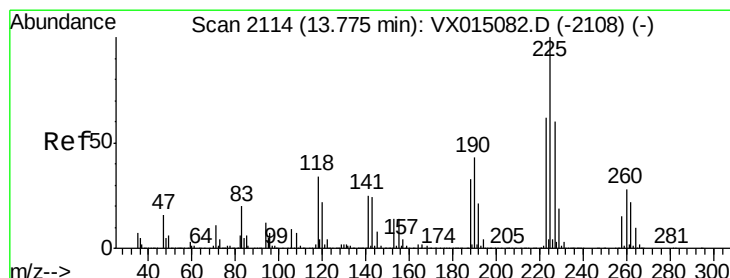
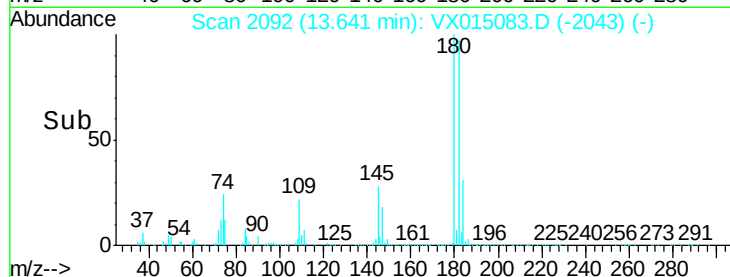
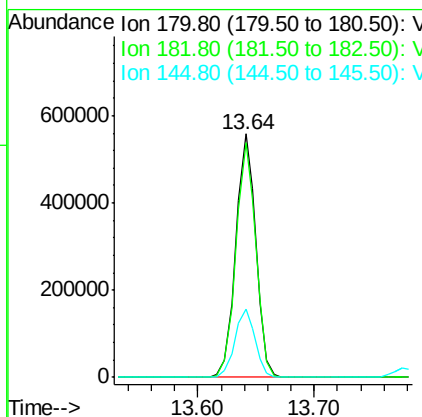
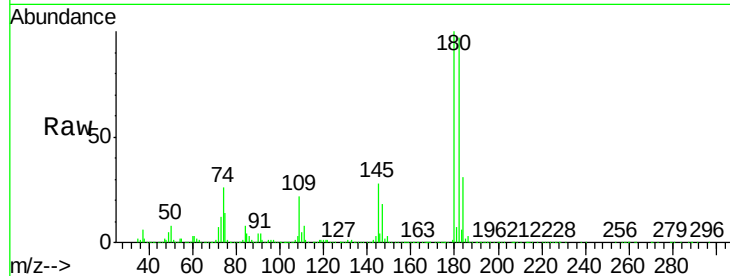




#93
 1,2,4-Trichlorobenzene
 Concen: 108.60 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

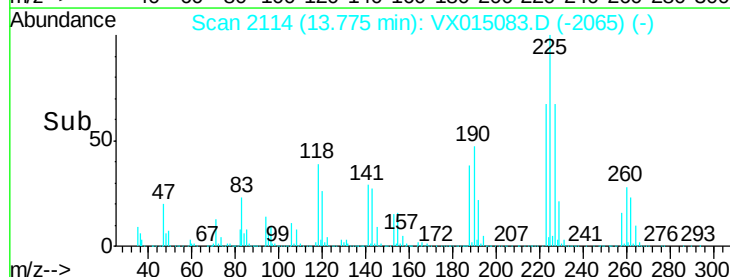
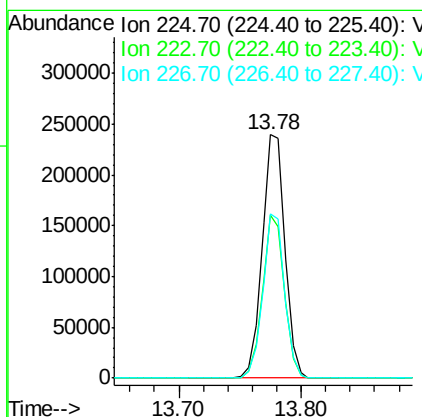
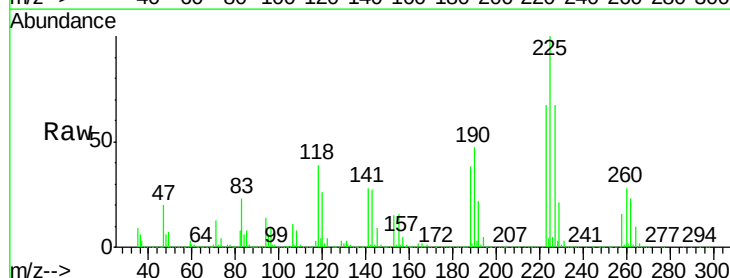
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

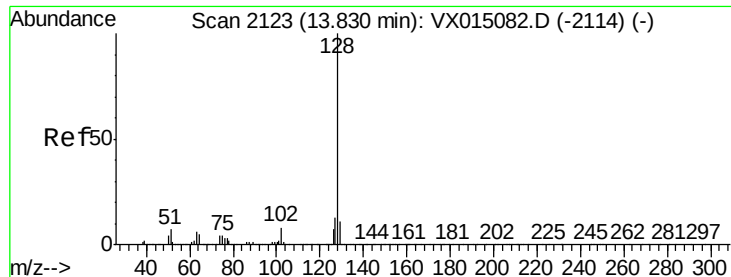
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.6	142.8
145	28.3	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 98.04 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015083.D
 Acq: 04 Mar 2020 10:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.3	93.9
227	64.5	31.1	93.2

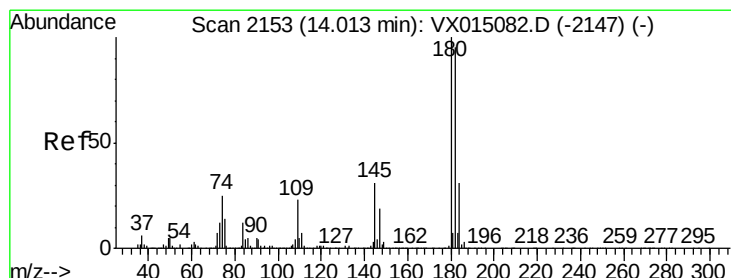
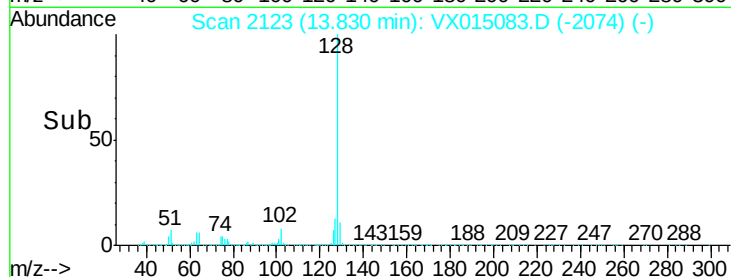
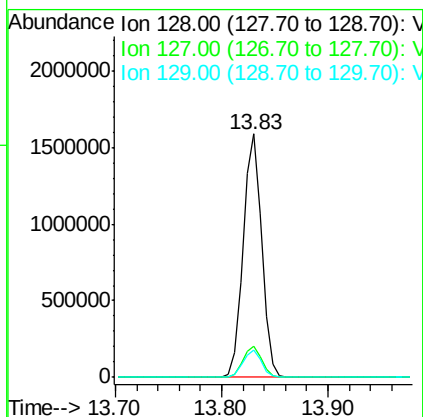
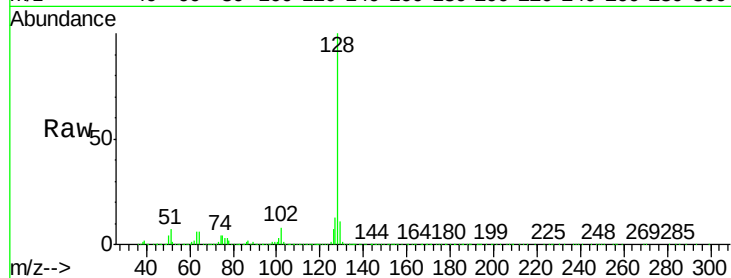




#95
Naphthalene
Concen: 115.26 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1941806
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 108.27 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015083.D
Acq: 04 Mar 2020 10:09

Tgt Ion:180 Resp: 665793
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.4
145 29.8 15.1 45.3

