

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
 Data File : VX015086.D
 Acq On : 04 Mar 2020 14:32
 Operator : JC/SP
 Sample : VX0304WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBL01

Quant Time: Mar 05 07:41:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	377371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	598027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	555646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261811	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	216291	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	5.48	113	182618	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	8.71	98	715072	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.13	95	250366	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	195	0.059	ug/l	87
3) Chloromethane	1.32	50	1352	0.289	ug/l	95
4) Vinyl Chloride	1.42	62	809	0.170	ug/l #	2
5) Bromomethane	1.65	94	2443	0.837	ug/l #	68
6) Chloroethane	1.73	64	326	0.114	ug/l #	52
7) Trichlorofluoromethane	1.94	101	781	0.138	ug/l #	58
8) Diethyl Ether	2.23	74	264	0.103	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	337	0.095	ug/l #	91
10) Methyl Iodide	2.51	142	2846	0.709	ug/l #	88
11) Tert butyl alcohol	3.04	59	194	0.250	ug/l #	1
12) 1,1-Dichloroethene	2.37	96	348	0.095	ug/l #	83
13) Acrolein	2.26	56	320	0.438	ug/l #	30
14) Allyl chloride	2.72	41	421	0.066	ug/l #	61
15) Acrylonitrile	3.14	53	761	0.393	ug/l #	43
16) Acetone	2.44	43	904	0.499	ug/l #	42
17) Carbon Disulfide	2.56	76	4624	0.454	ug/l	95
18) Methyl Acetate	2.76	43	335	0.076	ug/l #	1
19) Methyl tert-butyl Ether	3.22	73	172	0.015	ug/l #	54
20) Methylene Chloride	2.84	84	714	0.168	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	843	0.215	ug/l #	84
22) Diisopropyl ether	3.86	45	508	0.040	ug/l #	1
23) Vinyl Acetate	3.83	43	779	0.074	ug/l #	14
24) 1,1-Dichloroethane	3.69	63	340	0.048	ug/l #	1
25) 2-Butanone	4.65	43	297	0.112	ug/l #	1
26) 2,2-Dichloropropane	4.61	77	278	0.050	ug/l #	40
27) cis-1,2-Dichloroethene	4.55	96	134	0.031	ug/l	71
28) Bromochloromethane	5.00	49	77	0.024	ug/l #	1
29) Tetrahydrofuran	5.12	42	335	0.196	ug/l #	26
30) Chloroform	5.29	83	504	0.073	ug/l	94
31) Cyclohexane	5.65	56	6557	1.040	ug/l #	1
32) 1,1,1-Trichloroethane	5.48	97	218	0.038	ug/l #	23
36) 1,1-Dichloropropene	5.65	75	27564	4.986	ug/l #	52
37) Ethyl Acetate	4.81	43	549	0.107	ug/l #	22
38) Carbon Tetrachloride	5.64	117	32688	6.264	ug/l #	16

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Quant Time: Mar 05 07:41:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	408	0.063	ug/l #	20
40) Benzene	6.12	78	524	0.032	ug/l #	86
41) Methacrylonitrile	5.03	41	318	0.103	ug/l #	17
42) 1,2-Dichloroethane	6.19	62	1387	0.246	ug/l	88
43) Isopropyl Acetate	6.42	43	340	0.038	ug/l #	54
44) Trichloroethene	7.20	130	544	0.119	ug/l	35
45) 1,2-Dichloropropane	7.51	63	260	0.061	ug/l #	4
46) Dibromomethane	7.59	93	192	0.069	ug/l	89
47) Bromodichloromethane	7.88	83	699	0.128	ug/l #	39
48) Methyl methacrylate	7.73	41	493	0.107	ug/l #	40
49) 1,4-Dioxane	7.73	88	399	4.019	ug/l #	14
51) 4-Methyl-2-Pentanone	8.64	43	557	0.104	ug/l #	47
52) Toluene	8.78	92	582	0.058	ug/l	81
53) t-1,3-Dichloropropene	9.06	75	662	0.114	ug/l #	43
54) cis-1,3-Dichloropropene	8.42	75	281	0.043	ug/l #	1
55) 1,1,2-Trichloroethane	9.19	97	271	0.066	ug/l #	34
56) Ethyl methacrylate	9.18	69	430	0.073	ug/l #	24
57) 1,3-Dichloropropane	9.34	76	405	0.058	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.31	63	324	0.101	ug/l	96
59) 2-Hexanone	9.51	43	681	0.172	ug/l	84
60) Dibromochloromethane	9.59	129	608	0.140	ug/l	56
61) 1,2-Dibromoethane	9.45	107	211	0.049	ug/l	99
64) Tetrachloroethene	9.34	164	551	0.120	ug/l #	28
65) Chlorobenzene	10.14	112	1317	0.118	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.18	131	187	0.044	ug/l #	24
67) Ethyl Benzene	10.25	91	1178	0.062	ug/l #	65
68) m/p-Xylenes	10.35	106	884	0.123	ug/l	86
69) o-Xylene	10.68	106	685	0.099	ug/l	41
70) Styrene	10.71	104	1098	0.093	ug/l #	82
71) Bromoform	10.84	173	181	0.055	ug/l #	28
73) Isopropylbenzene	10.87	105	631	0.038	ug/l	85
74) N-amyl acetate	10.91	43	340	0.048	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	528	0.095	ug/l #	53
76) 1,2,3-Trichloropropane	11.13	75	124082	23.760	ug/l #	34
77) Bromobenzene	11.25	156	945	0.203	ug/l	88
78) n-propylbenzene	11.36	91	1293	0.068	ug/l #	75
79) 2-Chlorotoluene	11.59	91	232	0.020	ug/l	87
80) 1,3,5-Trimethylbenzene	11.51	105	1223	0.088	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.13	75	124082	67.431	ug/l #	11
82) 4-Chlorotoluene	11.59	91	232	0.017	ug/l	79
83) tert-Butylbenzene	11.57	119	380	0.028	ug/l	93
84) 1,2,4-Trimethylbenzene	11.73	105	306	0.022	ug/l	70
85) sec-Butylbenzene	11.94	105	1572	0.097	ug/l #	77
86) p-Isopropyltoluene	12.06	119	1369	0.091	ug/l #	1
87) 1,3-Dichlorobenzene	12.02	146	1970	0.240	ug/l	84
88) 1,4-Dichlorobenzene	12.02	146	1970	0.233	ug/l	83
89) n-Butylbenzene	12.39	91	1759	0.132	ug/l #	80
90) Hexachloroethane	12.58	117	126	0.045	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	1334	0.164	ug/l	70
92) 1,2-Dibromo-3-Chloropropan	12.98	75	306	0.274	ug/l #	58

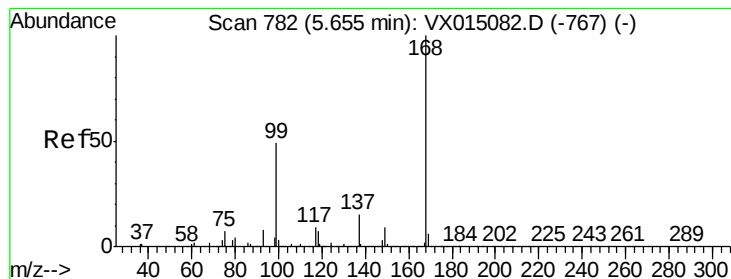
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
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Acq On : 04 Mar 2020 14:32
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1804	0.319	ug/l #	69
94) Hexachlorobutadiene	13.78	225	645	0.222	ug/l	78
95) Naphthalene	13.83	128	4465	1.670	ug/l #	87
96) 1,2,3-Trichlorobenzene	14.01	180	2308	0.409	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

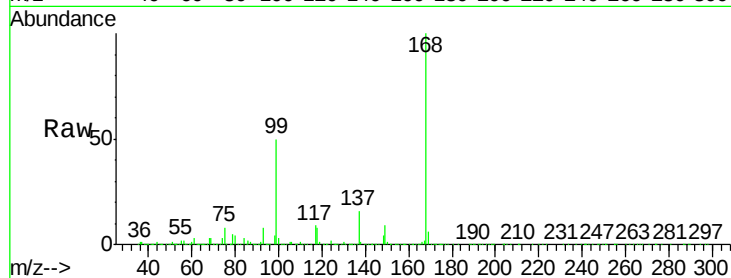
VX0304WBL01

Tgt Ion:168 Resp: 377371

Ion Ratio Lower Upper

168 100

99 49.8 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

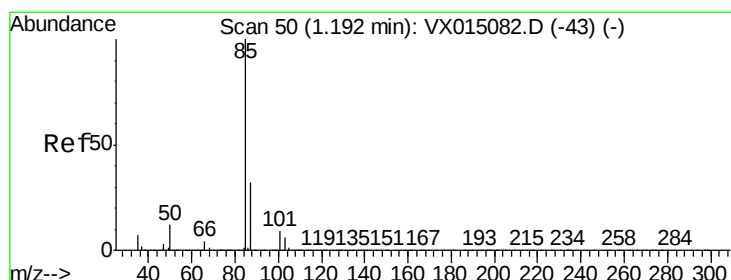
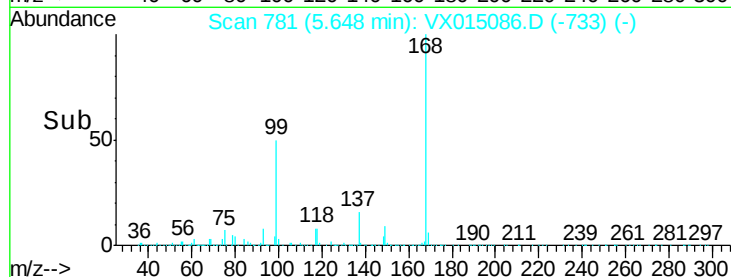
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.059 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015086.D

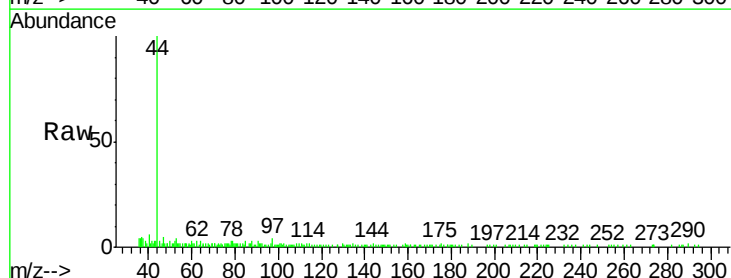
Acq: 04 Mar 2020 14:32

Tgt Ion: 85 Resp: 195

Ion Ratio Lower Upper

85 100

87 39.4 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

300

250

200

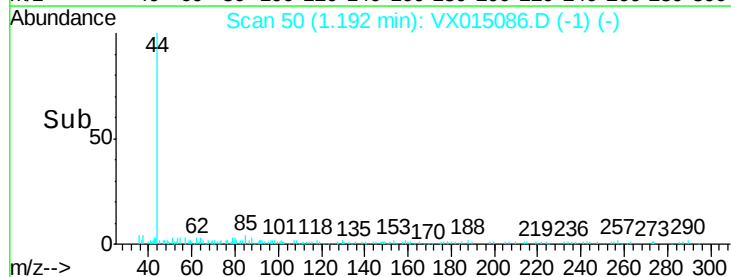
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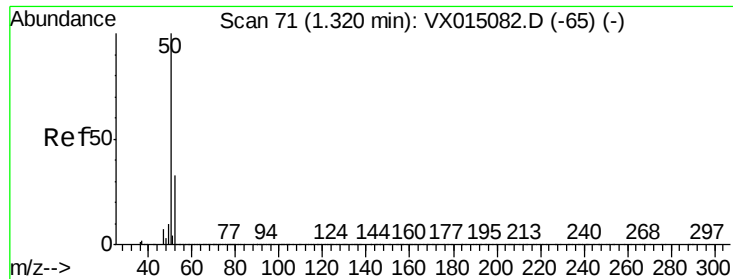
100

50

0

Time-->





#3

Chloromethane

Concen: 0.289 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampled :

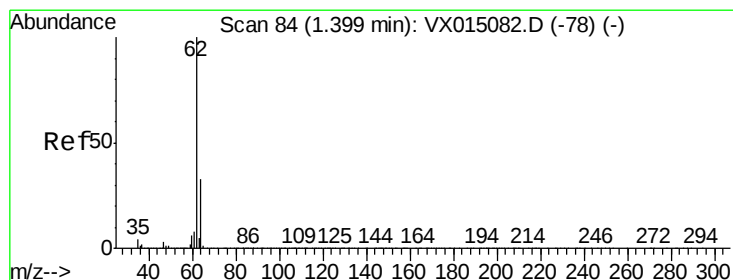
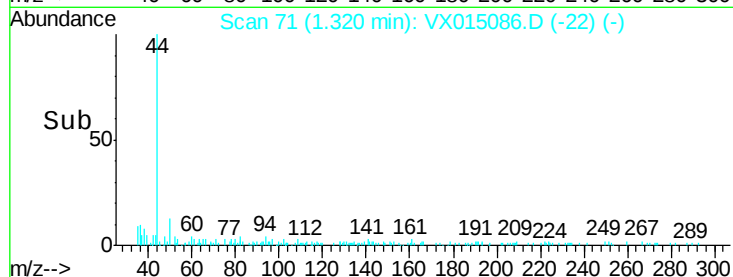
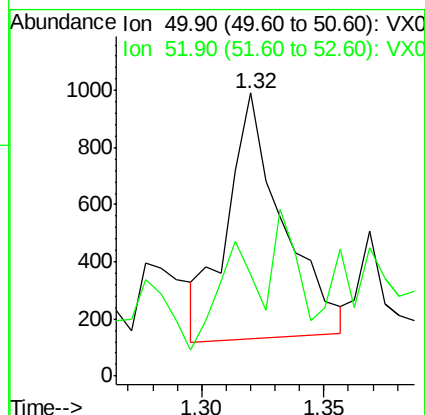
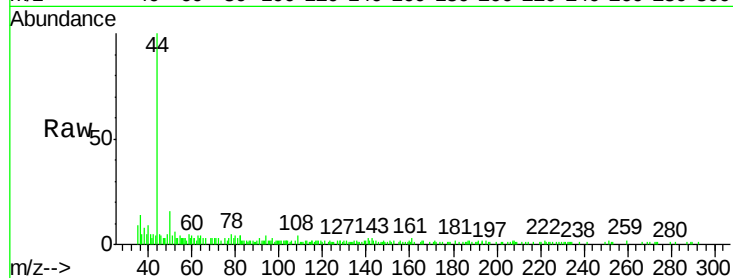
VX0304WBL01

Tgt Ion: 50 Resp: 1352

Ion Ratio Lower Upper

50 100

52 35.2 26.2 39.2



#4

Vinyl Chloride

Concen: 0.170 ug/l

RT: 1.42 min Scan# 88

Delta R.T. 0.02 min

Lab File: VX015086.D

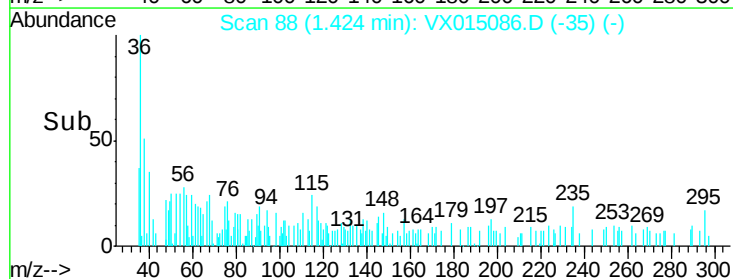
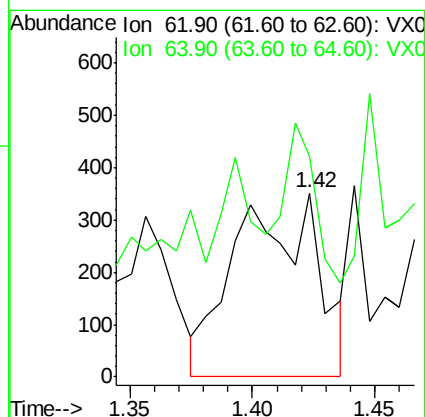
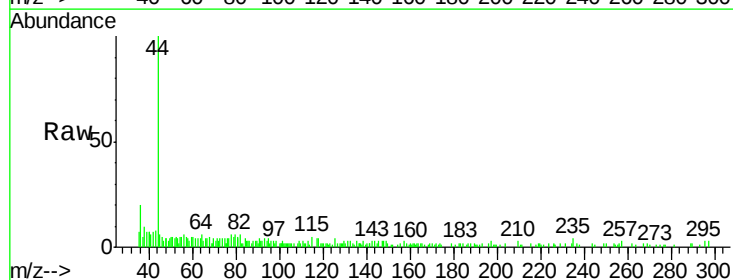
Acq: 04 Mar 2020 14:32

Tgt Ion: 62 Resp: 809

Ion Ratio Lower Upper

62 100

64 87.6 26.1 39.1#





#5

Bromomethane

Concen: 0.837 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

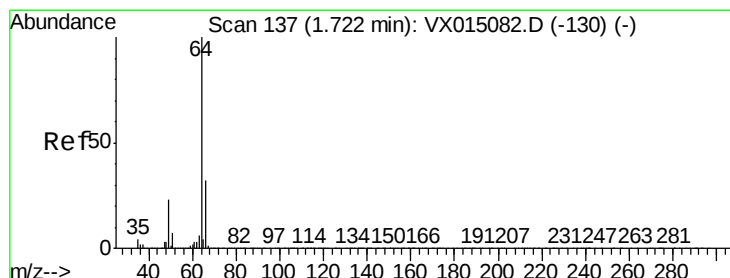
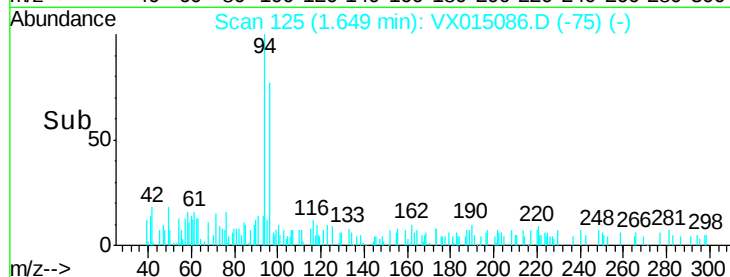
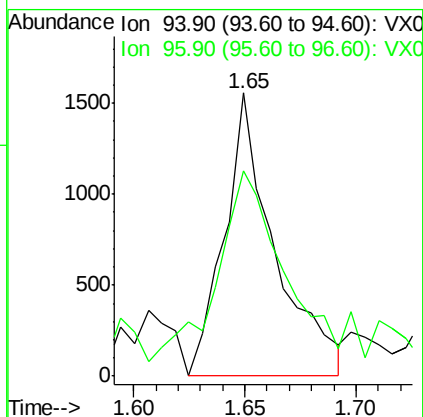
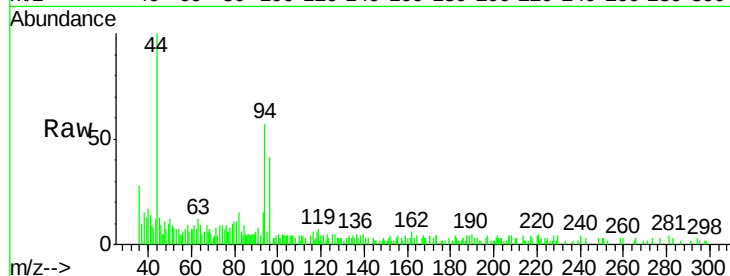
VX0304WBL01

Tgt Ion: 94 Resp: 2443

Ion Ratio Lower Upper

94 100

96 62.7 74.6 111.8#



#6

Chloroethane

Concen: 0.114 ug/l

RT: 1.73 min Scan# 139

Delta R.T. 0.01 min

Lab File: VX015086.D

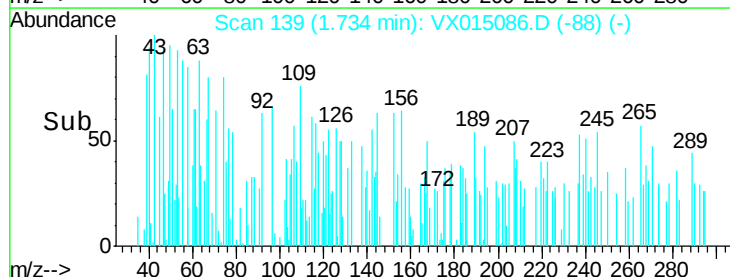
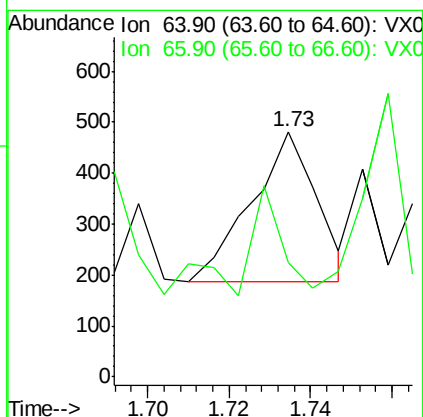
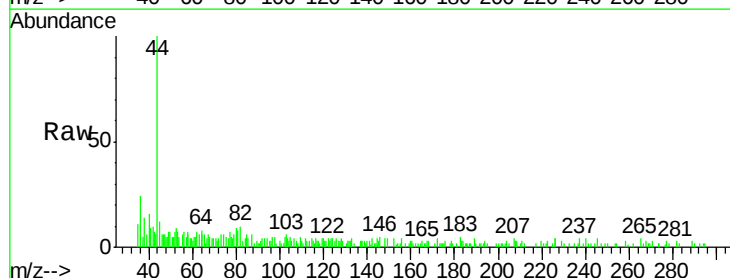
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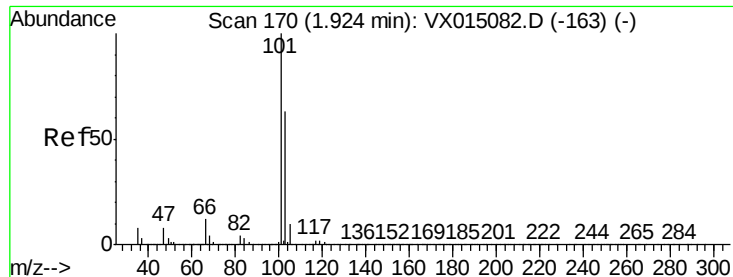
Tgt Ion: 64 Resp: 326

Ion Ratio Lower Upper

64 100

66 5.4 25.8 38.8#



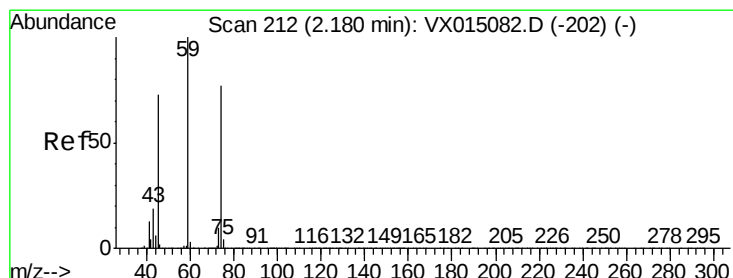
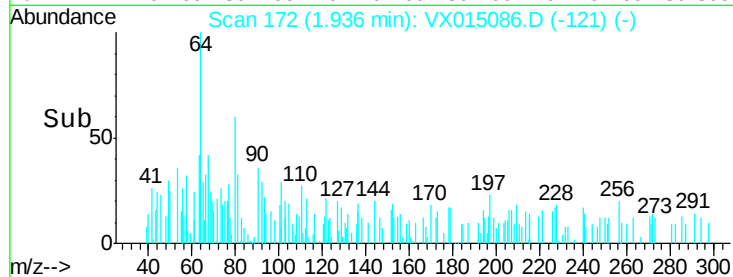
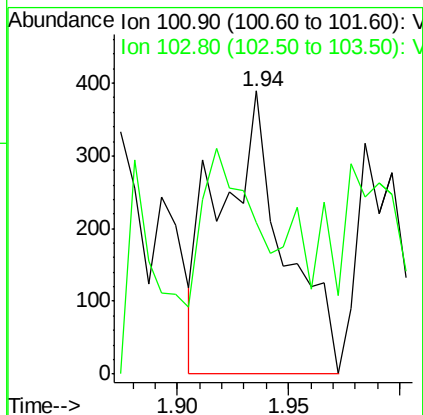
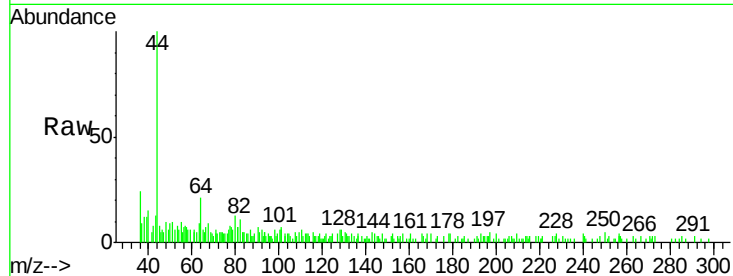


#7

Trichlorofluoromethane
Concen: 0.138 ug/l
RT: 1.94 min Scan# 172
Delta R.T. 0.01 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

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MSVOA_X
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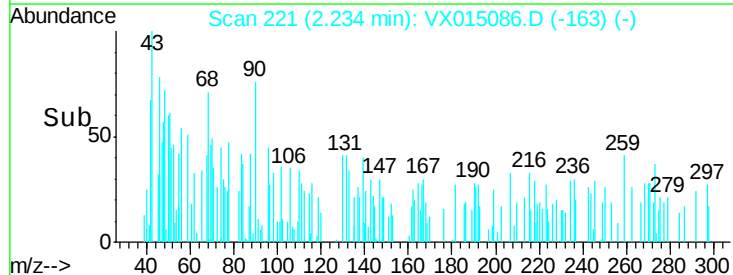
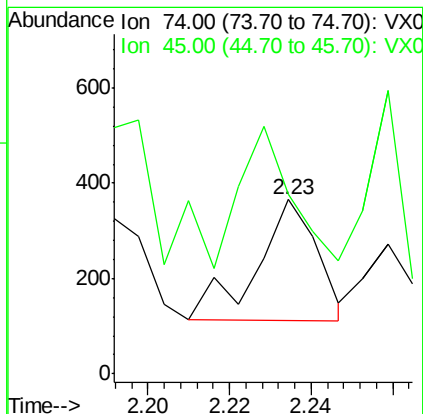
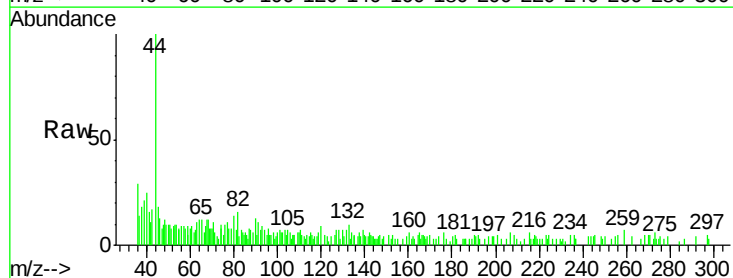
Tgt Ion:101 Resp: 781
Ion Ratio Lower Upper
101 100
103 30.1 50.4 75.6#

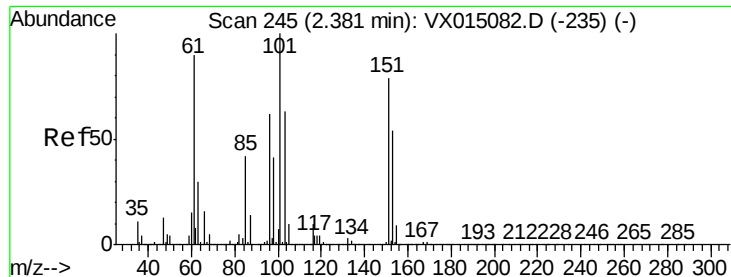


#8

Diethyl Ether
Concen: 0.103 ug/l
RT: 2.23 min Scan# 221
Delta R.T. 0.05 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Tgt Ion: 74 Resp: 264
Ion Ratio Lower Upper
74 100
45 101.1 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.095 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

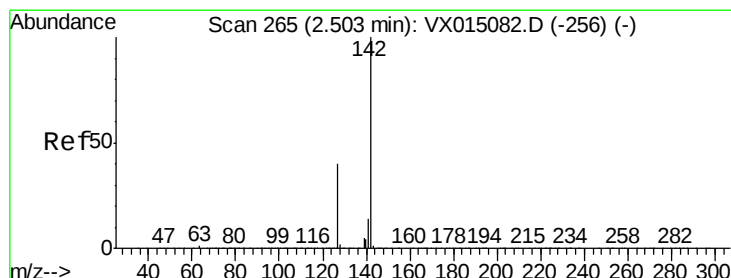
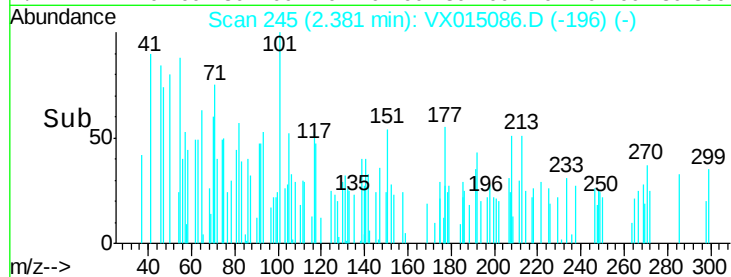
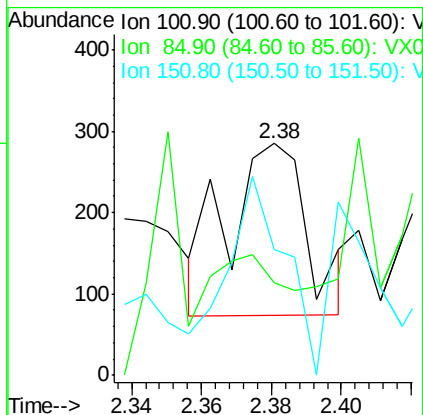
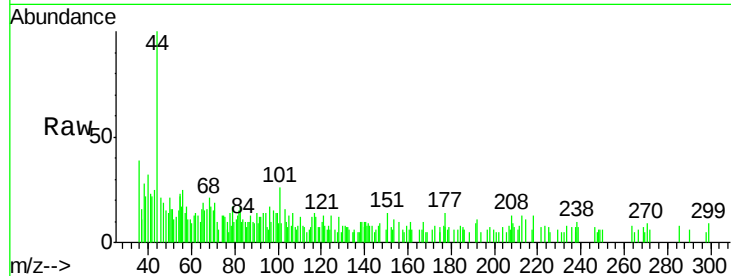
Instrument :

MSVOA_X

ClientSampleId :

VX0304WBL01

Tgt Ion:	101	Resp:	337
Ion	Ratio	Lower	Upper
101	100		
85	30.6	33.7	50.5#
151	83.1	64.0	96.0



#10

Methyl Iodide

Concen: 0.709 ug/l

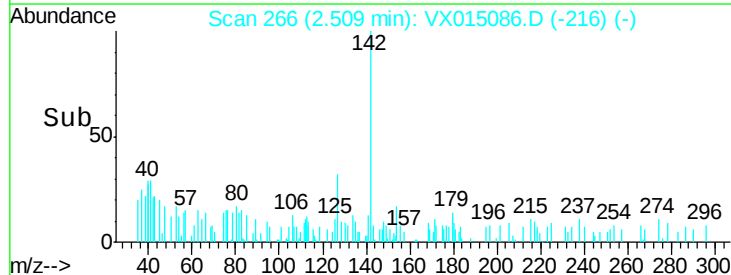
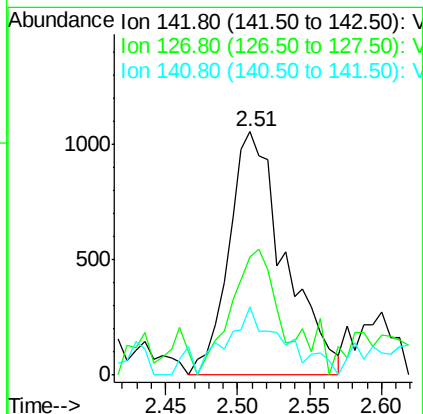
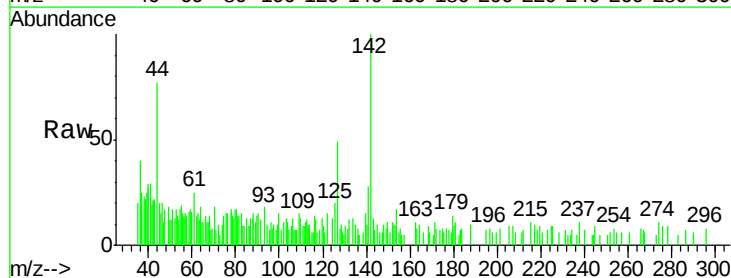
RT: 2.51 min Scan# 266

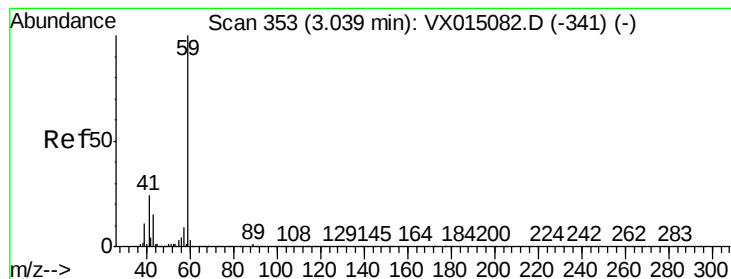
Delta R.T. 0.01 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Tgt Ion:	142	Resp:	2846
Ion	Ratio	Lower	Upper
142	100		
127	41.8	31.7	47.5
141	28.0	11.3	16.9#



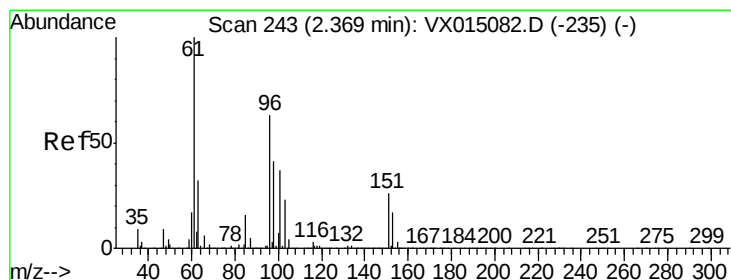
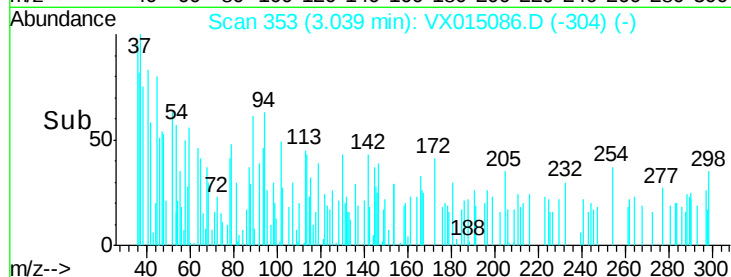
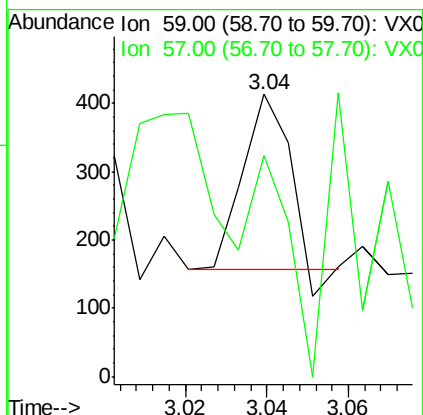
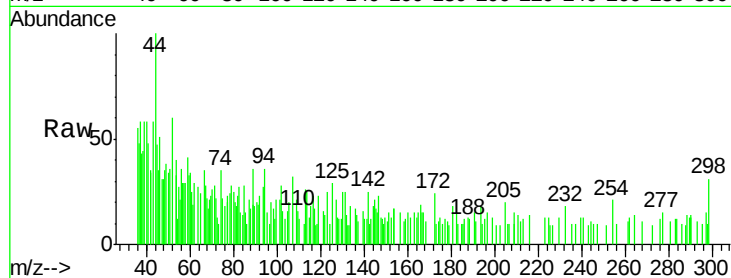


#11

Tert butyl alcohol
Concen: 0.250 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.00 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Instrument :
MSVOA_X
ClientSampled :
VX0304WBL01

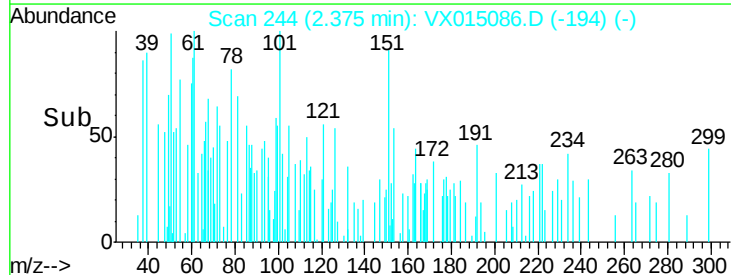
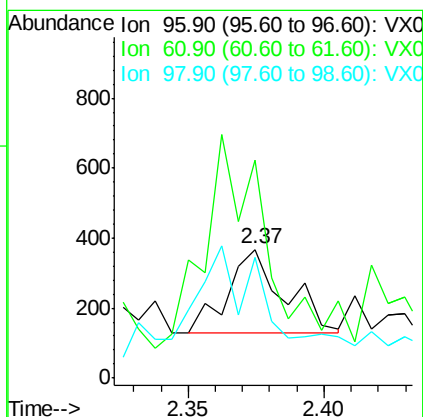
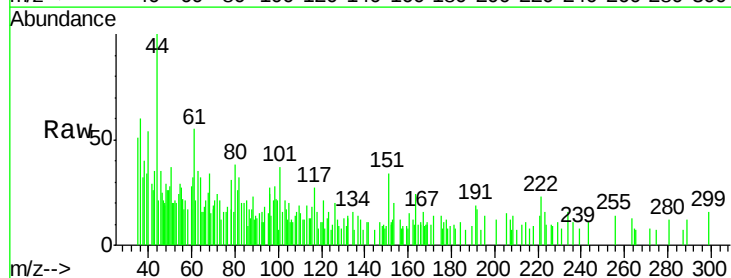
Tgt Ion: 59 Resp: 194
Ion Ratio Lower Upper
59 100
57 169.6 8.2 12.4#

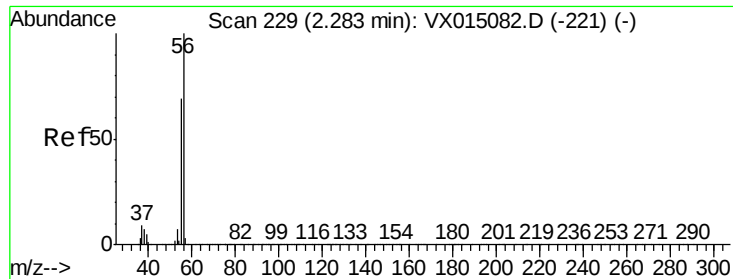


#12

1,1-Dichloroethene
Concen: 0.095 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Tgt Ion: 96 Resp: 348
Ion Ratio Lower Upper
96 100
61 168.6 126.2 189.4
98 94.1 51.4 77.0#





#13

Acrolein

Concen: 0.438 ug/l

RT: 2.26 min Scan# 226

Delta R.T. -0.02 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampled :

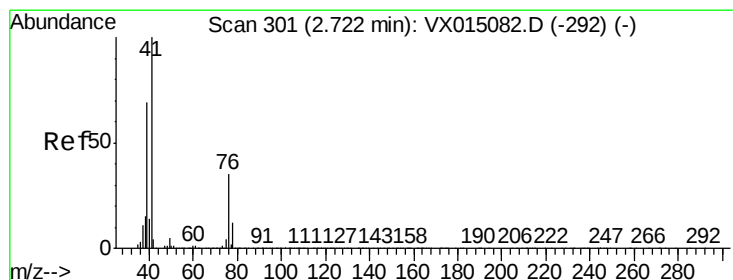
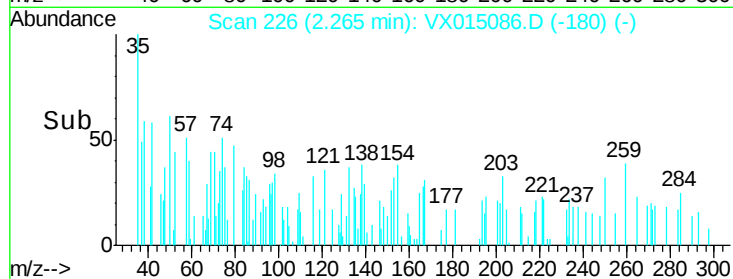
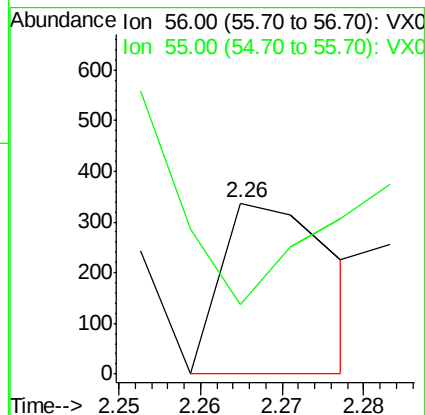
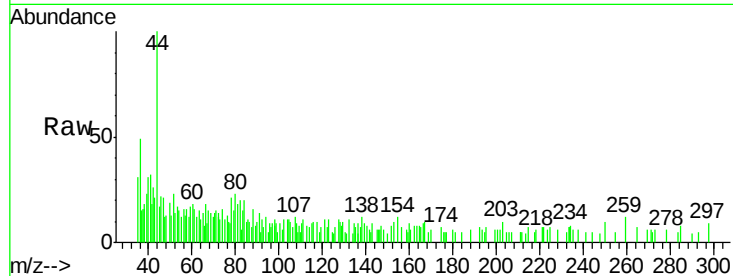
VX0304WBL01

Tgt Ion: 56 Resp: 320

Ion Ratio Lower Upper

56 100

55 126.3 55.4 83.0#



#14

Allyl chloride

Concen: 0.066 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

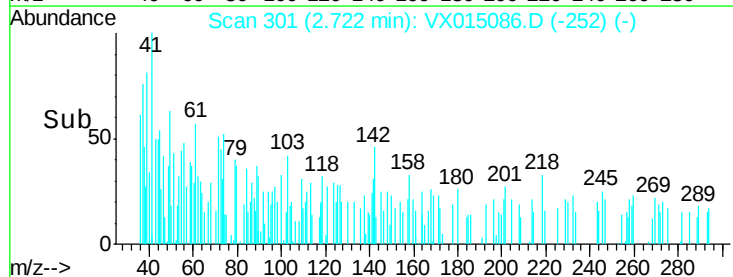
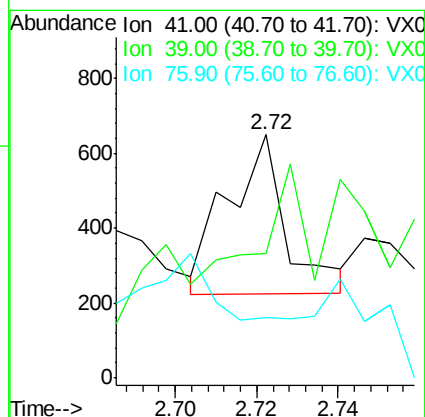
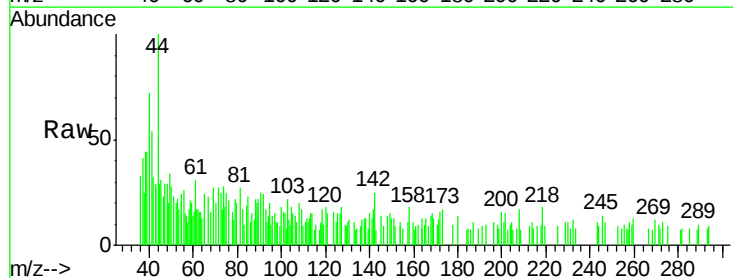
Tgt Ion: 41 Resp: 421

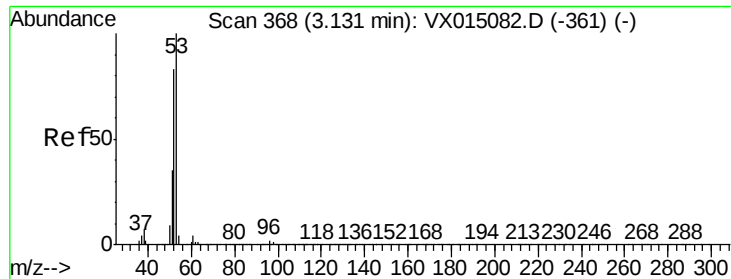
Ion Ratio Lower Upper

41 100

39 43.5 52.9 79.3#

76 67.7 26.8 40.2#





#15

Acrylonitrile

Concen: 0.393 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBL01

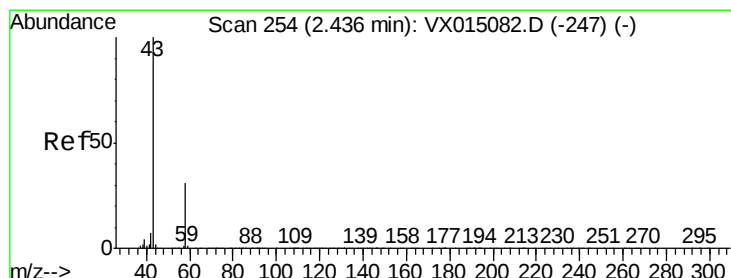
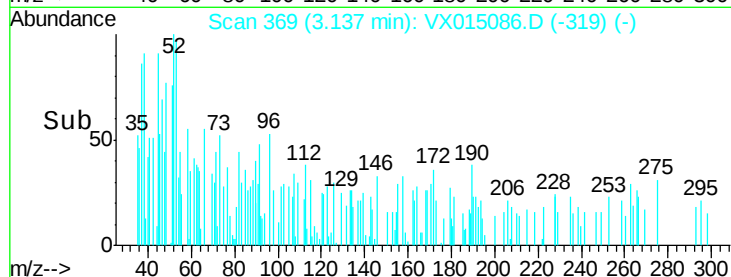
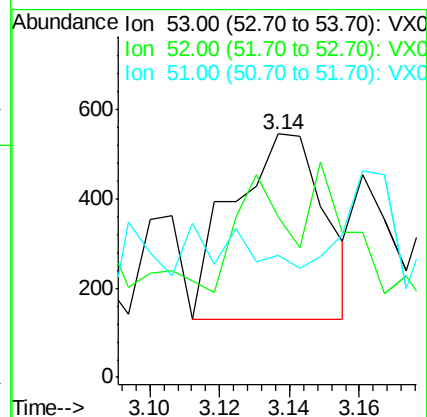
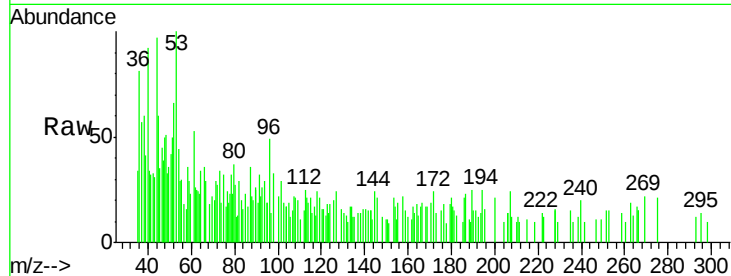
Tgt Ion: 53 Resp: 761

Ion Ratio Lower Upper

53 100

52 33.8 66.6 100.0#

51 0.0 29.0 43.6#



#16

Acetone

Concen: 0.499 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015086.D

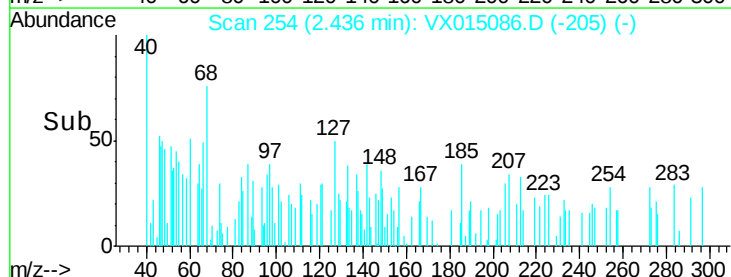
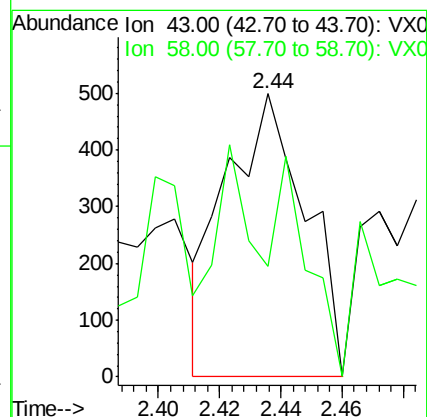
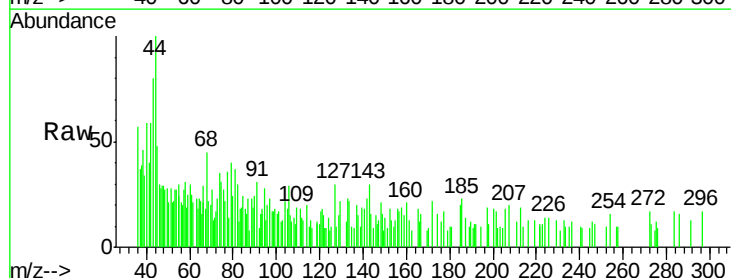
Acq: 04 Mar 2020 14:32

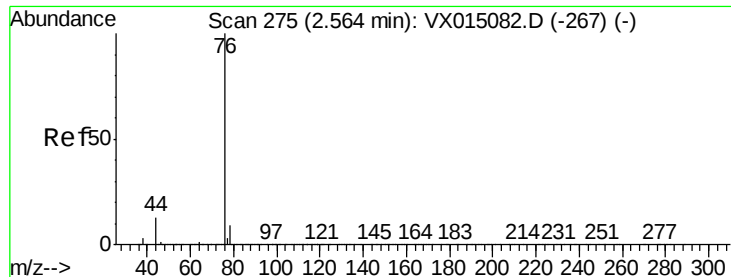
Tgt Ion: 43 Resp: 904

Ion Ratio Lower Upper

43 100

58 62.9 24.8 37.2#





#17

Carbon Disulfide

Concen: 0.454 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

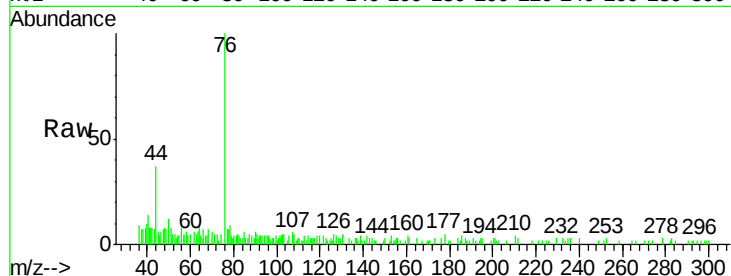
VX0304WBL01

Tgt Ion: 76 Resp: 4624

Ion Ratio Lower Upper

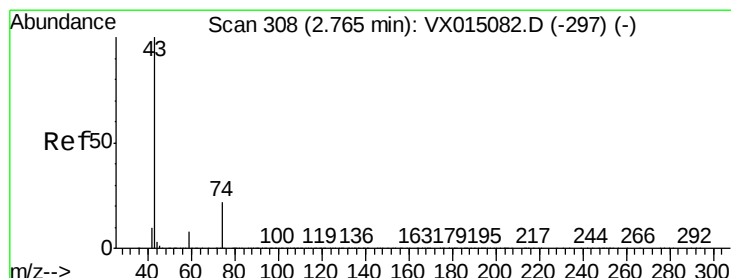
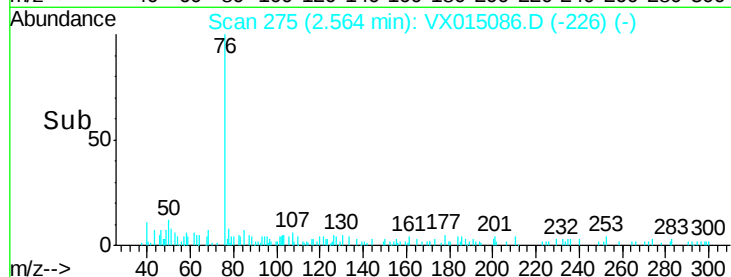
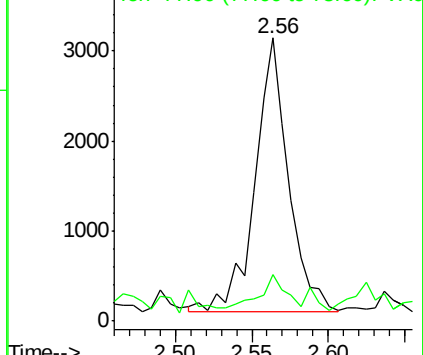
76 100

78 10.8 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: 0.076 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015086.D

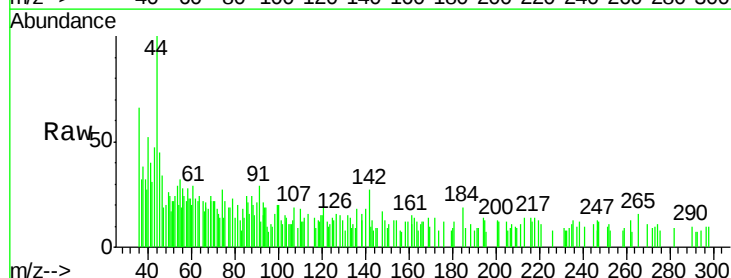
Acq: 04 Mar 2020 14:32

Tgt Ion: 43 Resp: 335

Ion Ratio Lower Upper

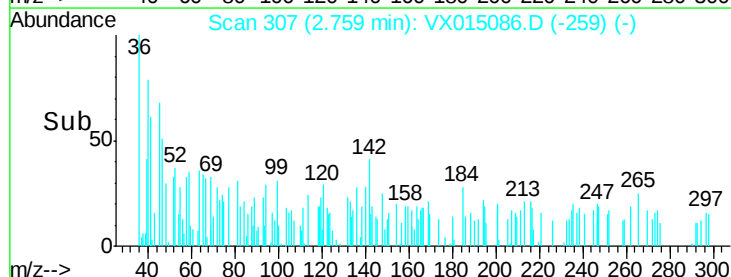
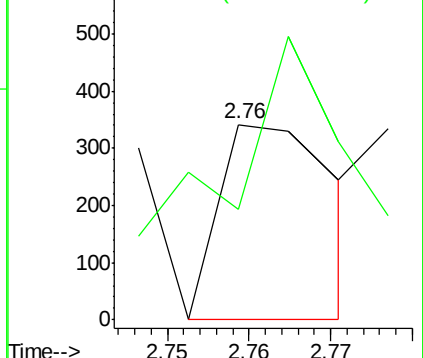
43 100

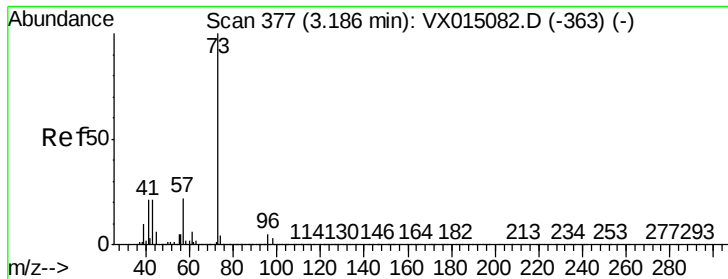
74 189.3 18.8 28.2#



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: 0.015 ug/l

RT: 3.22 min Scan# 382

Delta R.T. 0.03 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

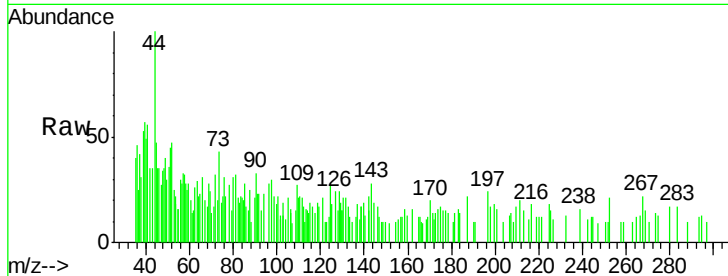
VX0304WBL01

Tgt Ion: 73 Resp: 172

Ion Ratio Lower Upper

73 100

57 0.0 17.8 26.6#



Abundance Ion 73.00 (72.70 to 73.70): VX0

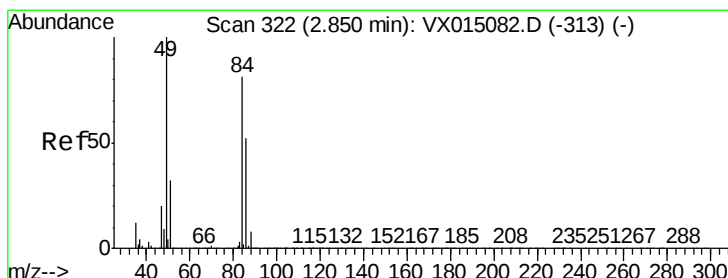
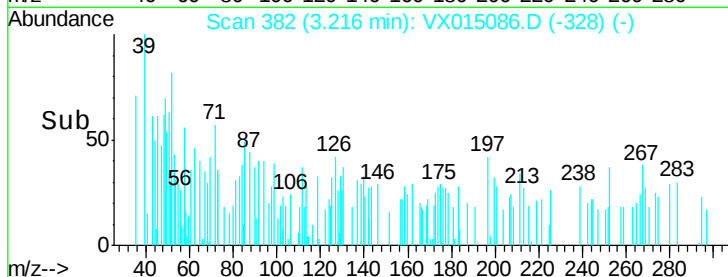
Ion 57.00 (56.70 to 57.70): VX0

3.22

3.20

3.22

Time-->



#20

Methylene Chloride

Concen: 0.168 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Tgt Ion: 84 Resp: 714

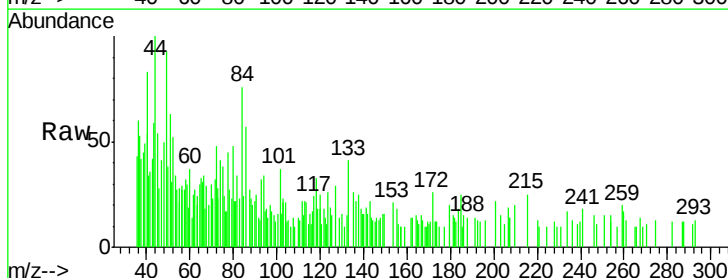
Ion Ratio Lower Upper

84 100

49 118.0 99.4 149.2

51 34.3 31.5 47.3

86 64.3 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

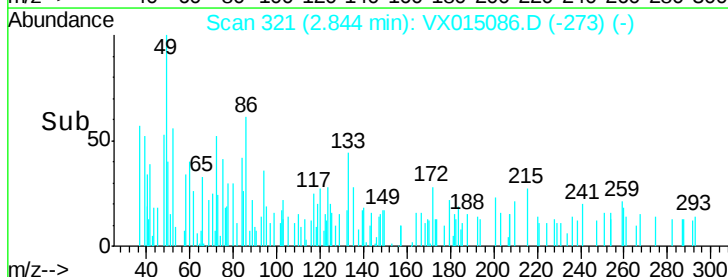
2.84

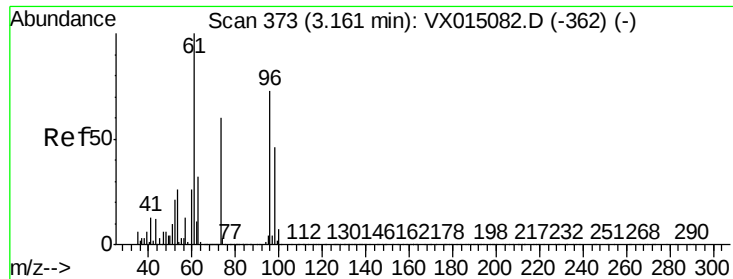
2.80

2.85

2.90

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.215 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBL01

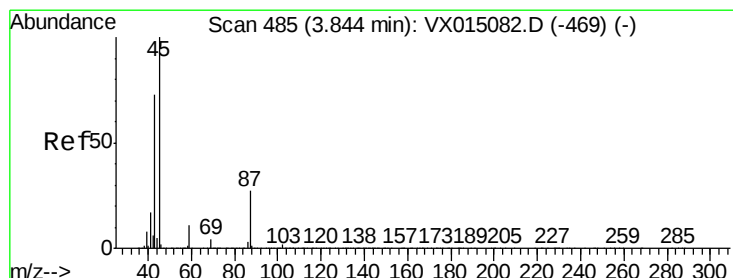
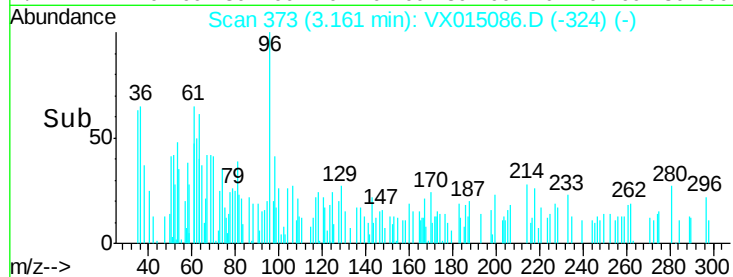
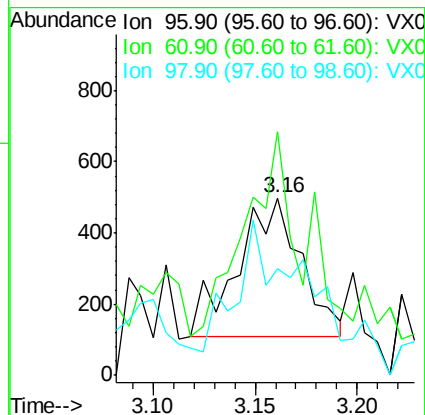
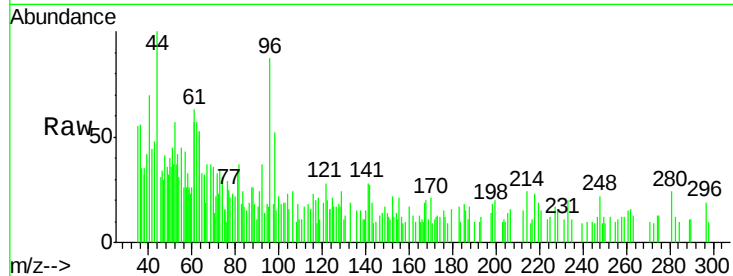
Tgt Ion: 96 Resp: 843

Ion Ratio Lower Upper

96 100

61 164.9 109.9 164.9#

98 64.1 50.2 75.2



#22

Diisopropyl ether

Concen: 0.040 ug/l

RT: 3.86 min Scan# 487

Delta R.T. 0.01 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Tgt Ion: 45 Resp: 508

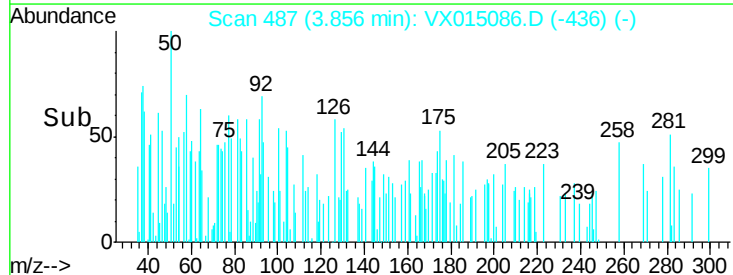
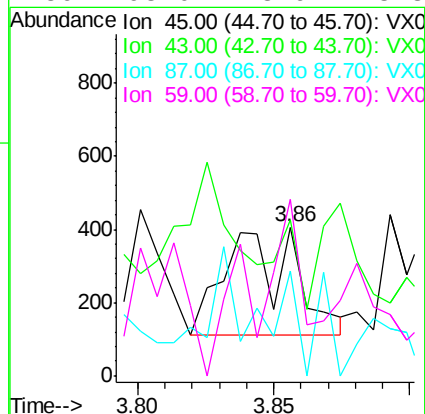
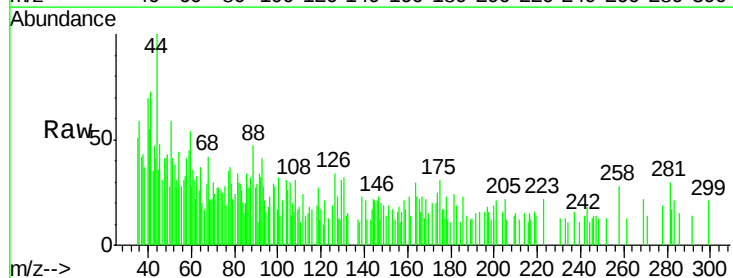
Ion Ratio Lower Upper

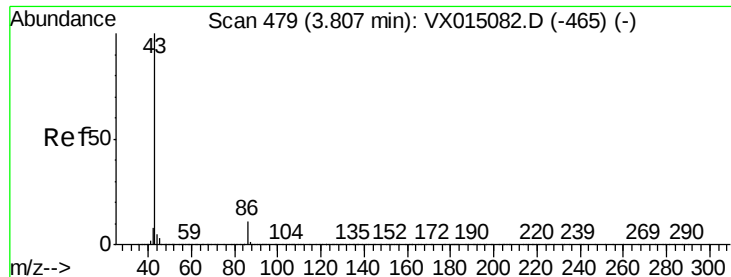
45 100

43 5.4 58.2 87.2#

87 96.3 21.2 31.8#

59 98.0 8.9 13.3#





#23

Vinyl Acetate

Concen: 0.074 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.02 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampled :

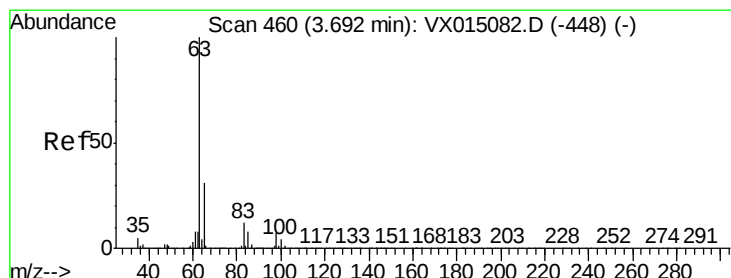
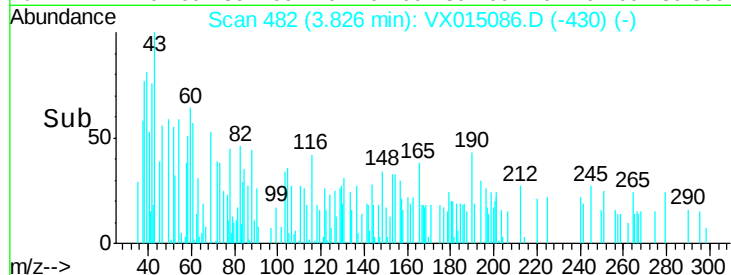
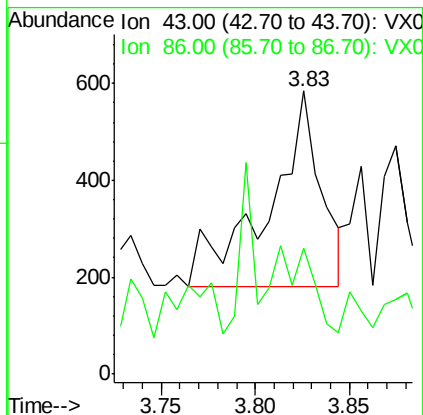
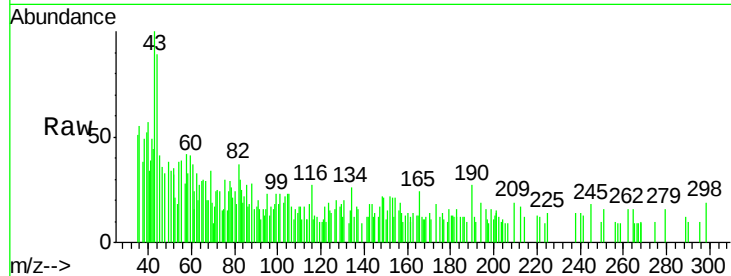
VX0304WBL01

Tgt Ion: 43 Resp: 779

Ion Ratio Lower Upper

43 100

86 42.9 8.6 12.8#



#24

1,1-Dichloroethane

Concen: 0.048 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

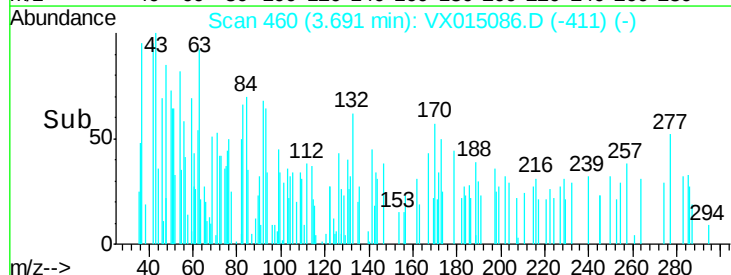
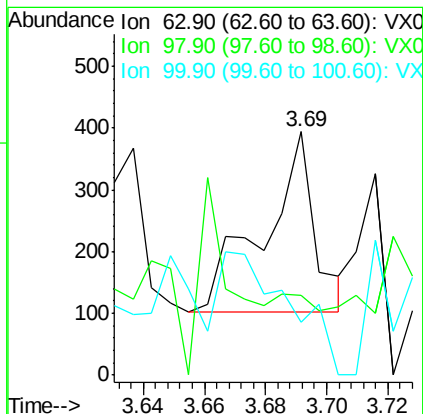
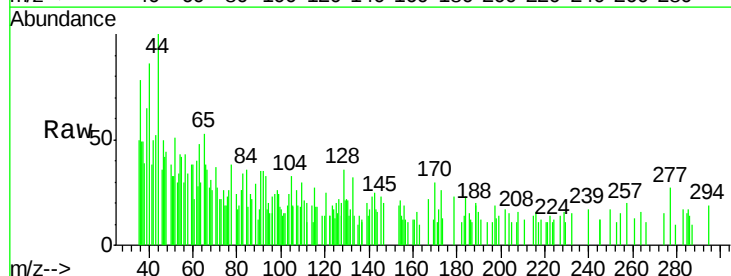
Tgt Ion: 63 Resp: 340

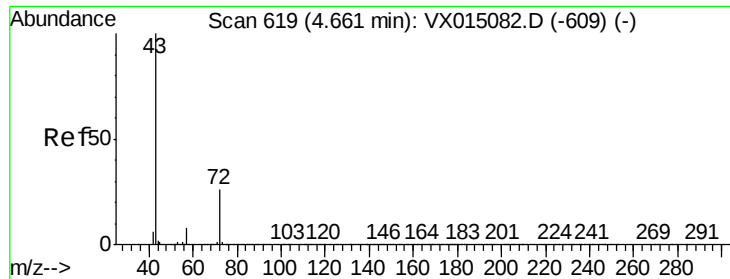
Ion Ratio Lower Upper

63 100

98 55.8 3.7 11.1#

100 31.3 2.1 6.5#





#25

2-Butanone

Concen: 0.112 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampled :

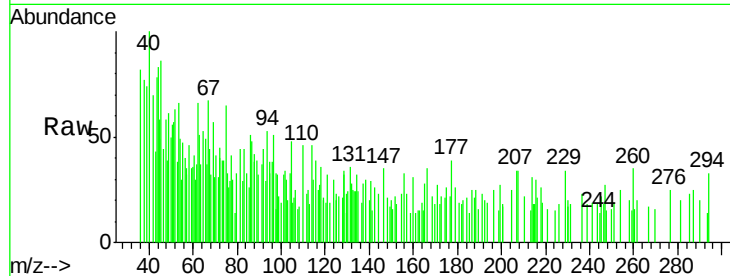
VX0304WBL01

Tgt Ion: 43 Resp: 297

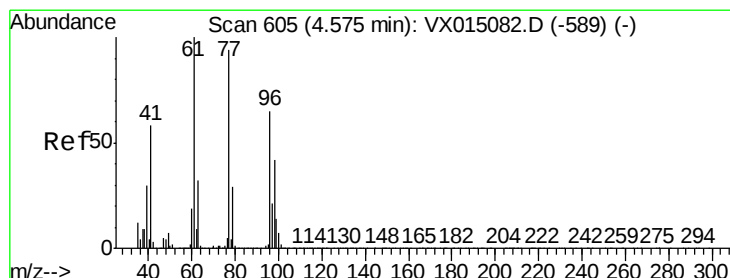
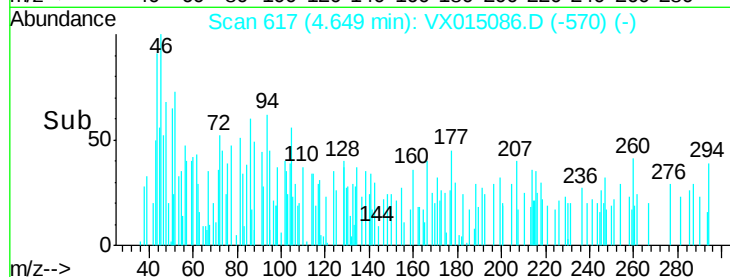
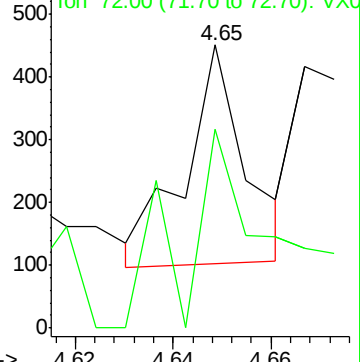
Ion Ratio Lower Upper

43 100

72 100.6 20.6 30.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 0.050 ug/l

RT: 4.61 min Scan# 610

Delta R.T. 0.03 min

Lab File: VX015086.D

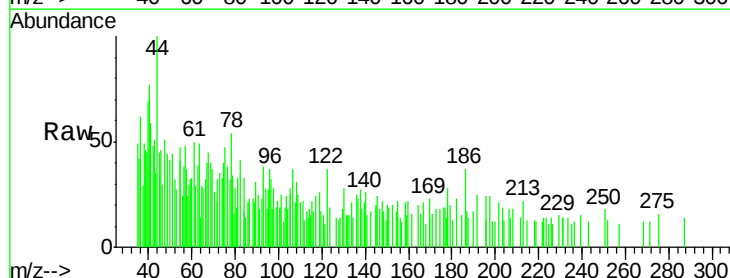
Acq: 04 Mar 2020 14:32

Tgt Ion: 77 Resp: 278

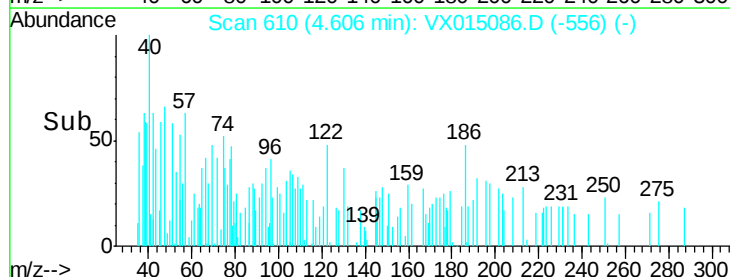
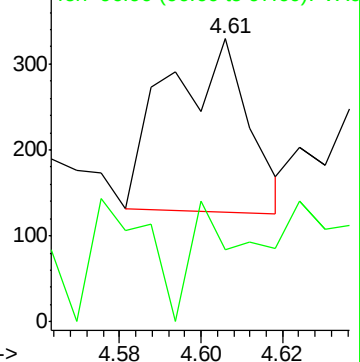
Ion Ratio Lower Upper

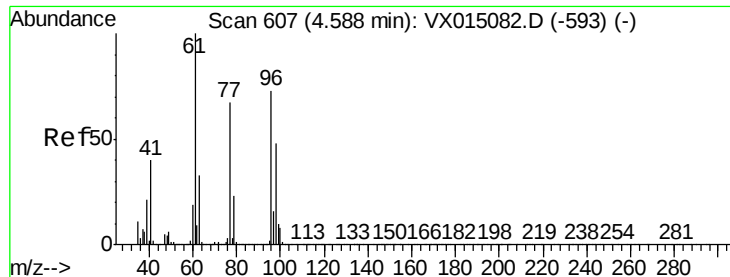
77 100

97 52.9 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0



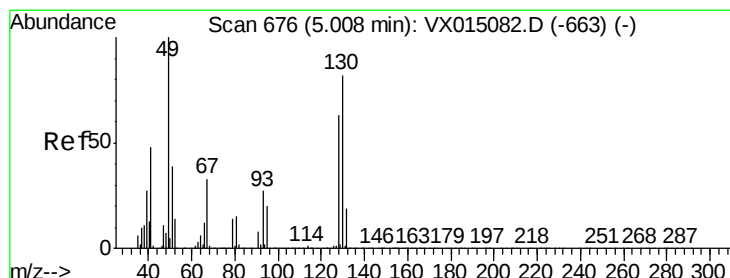
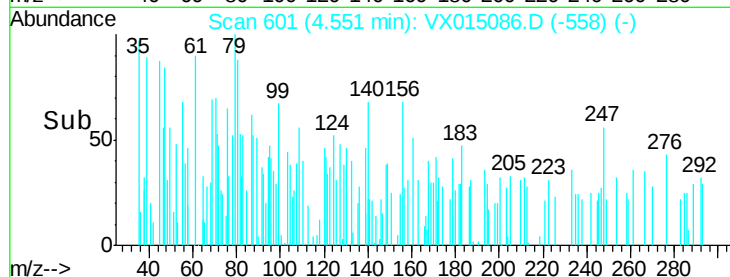
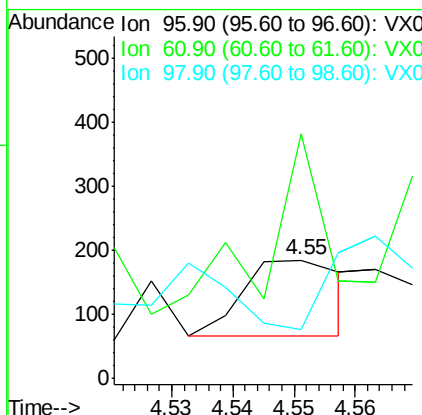
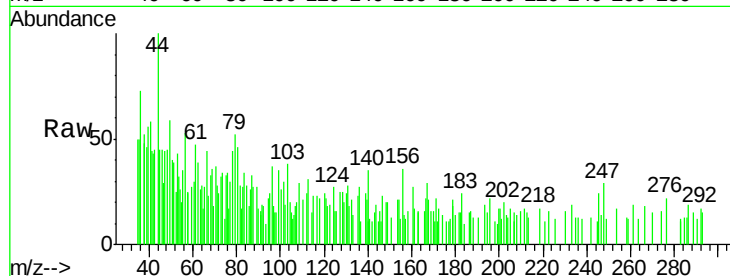


#27

cis-1,2-Dichloroethene
Concen: 0.031 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.04 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Instrument :
MSVOA_X
ClientSampled :
VX0304WBL01

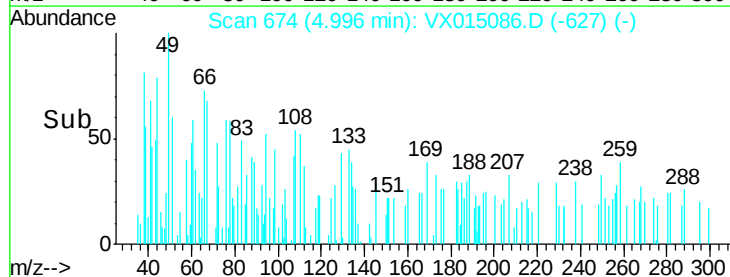
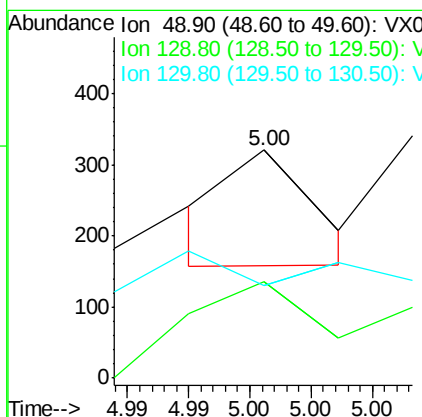
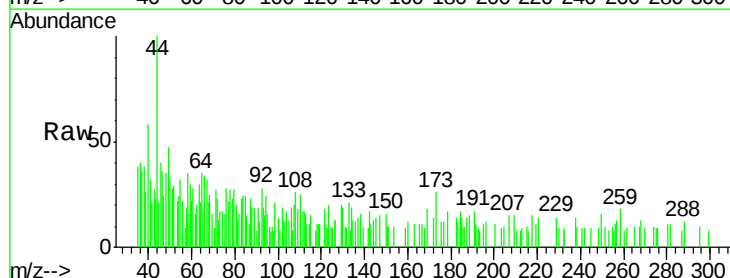
Tgt Ion: 96 Resp: 134
Ion Ratio Lower Upper
96 100
61 102.2 0.0 286.8
98 50.0 0.0 128.4

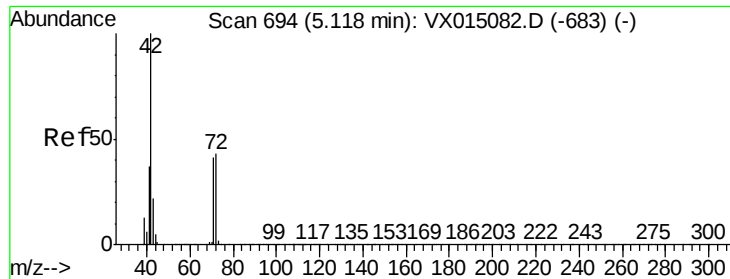


#28

Bromochloromethane
Concen: 0.024 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Tgt Ion: 49 Resp: 77
Ion Ratio Lower Upper
49 100
129 92.2 0.0 4.4#
130 333.8 65.0 97.6#





#29

Tetrahydrofuran

Concen: 0.196 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampled :

VX0304WBL01

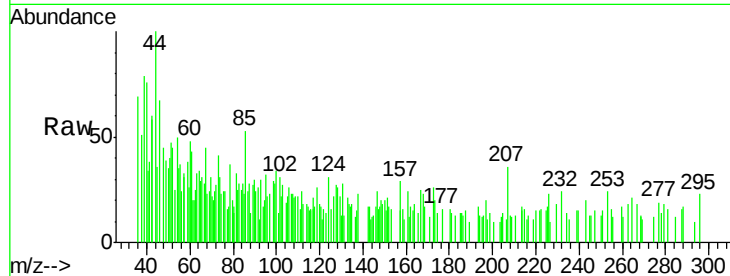
Tgt Ion: 42 Resp: 335

Ion Ratio Lower Upper

42 100

72 99.1 36.4 54.6#

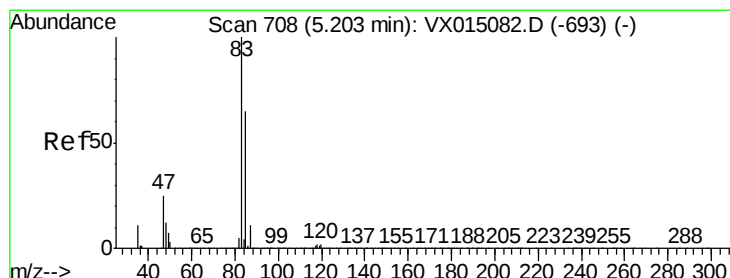
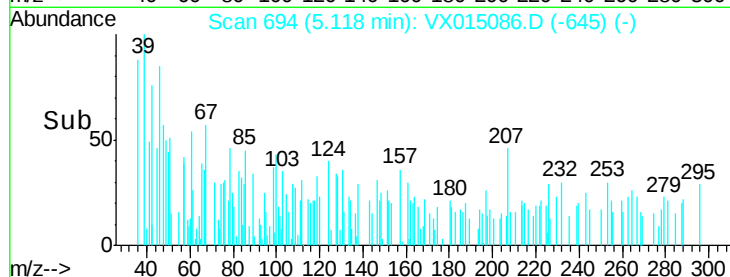
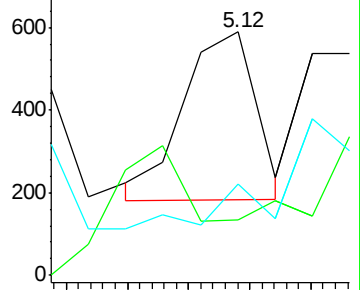
71 0.0 33.3 49.9#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.073 ug/l

RT: 5.29 min Scan# 722

Delta R.T. 0.09 min

Lab File: VX015086.D

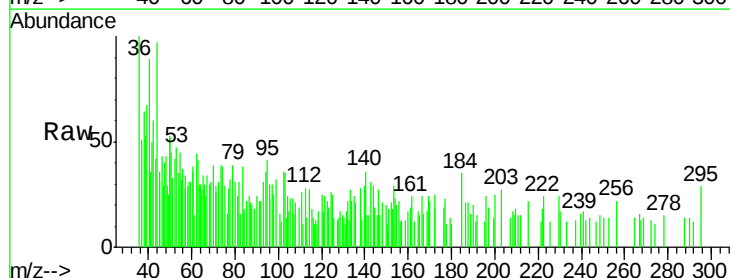
Acq: 04 Mar 2020 14:32

Tgt Ion: 83 Resp: 504

Ion Ratio Lower Upper

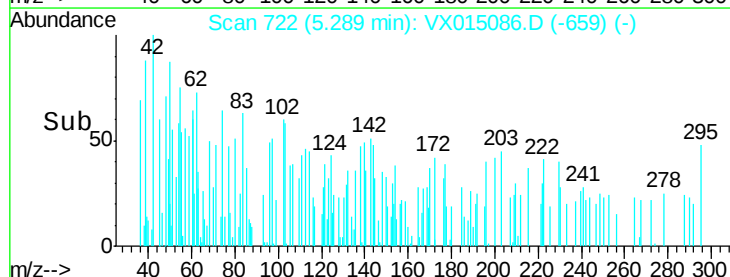
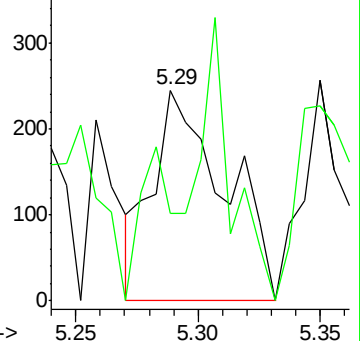
83 100

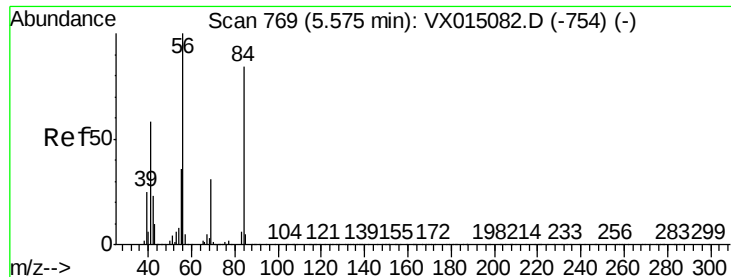
85 69.7 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

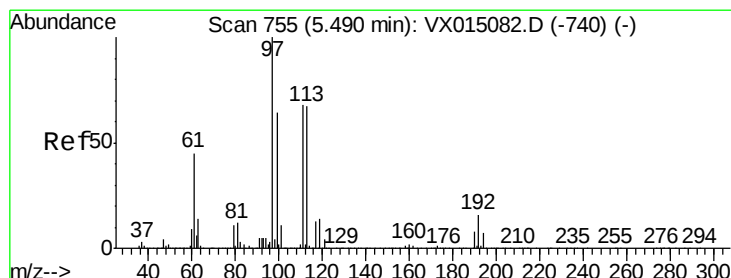
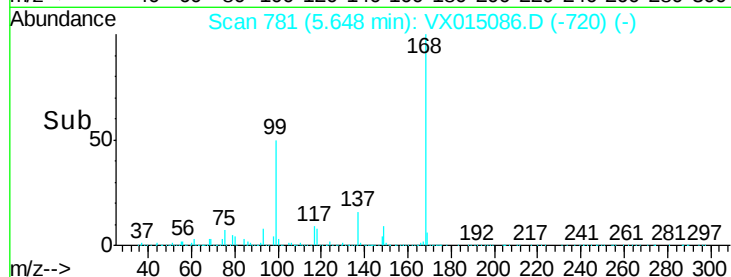
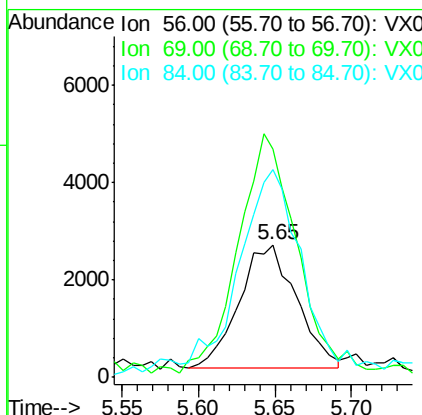
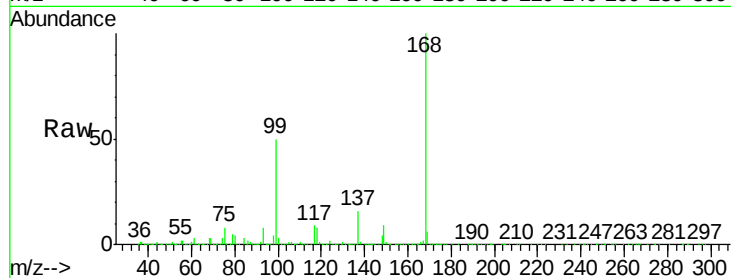




#31
Cyclohexane
Concen: 1.040 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.07 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

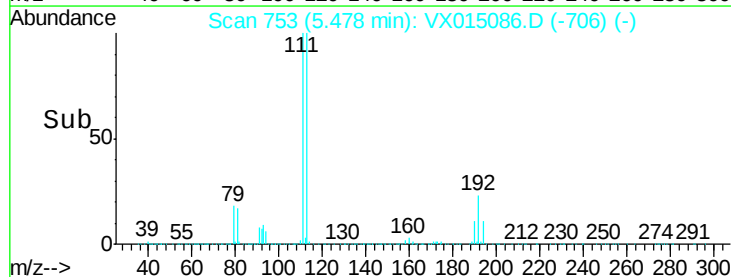
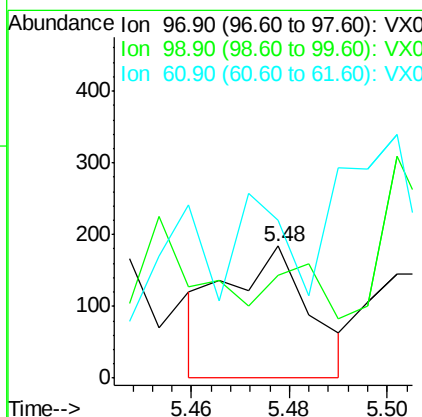
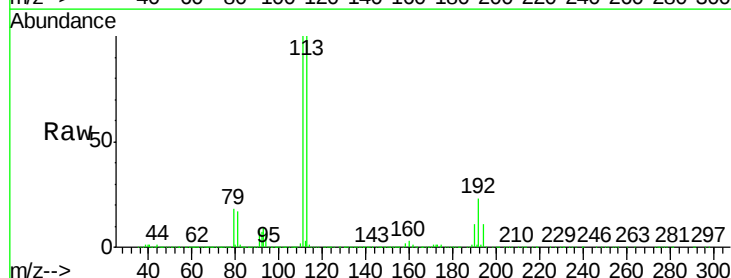
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBL01

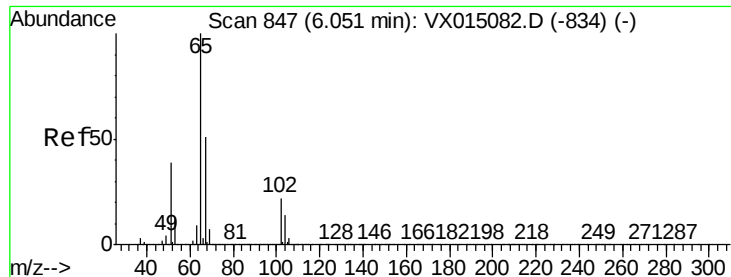
Tgt Ion: 56 Resp: 6557
Ion Ratio Lower Upper
56 100
69 171.8 25.0 37.6#
84 157.1 67.6 101.4#



#32
1,1,1-Trichloroethane
Concen: 0.038 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Tgt Ion: 97 Resp: 218
Ion Ratio Lower Upper
97 100
99 0.0 52.8 79.2#
61 0.0 36.6 54.8#





#33

1,2-Dichloroethane-d4

Concen: 48.311 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

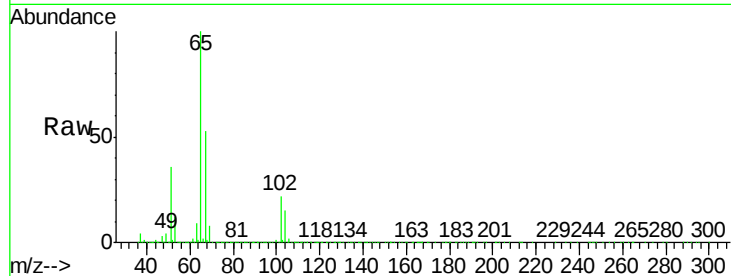
VX0304WBL01

Tgt Ion: 65 Resp: 216291

Ion Ratio Lower Upper

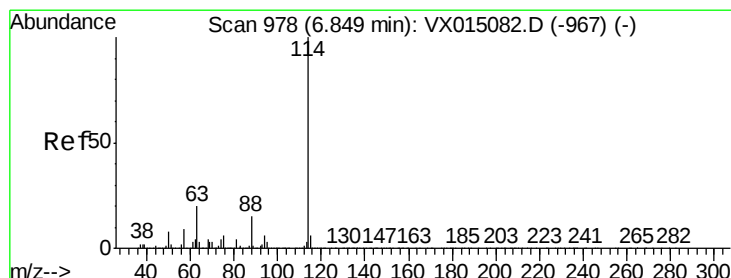
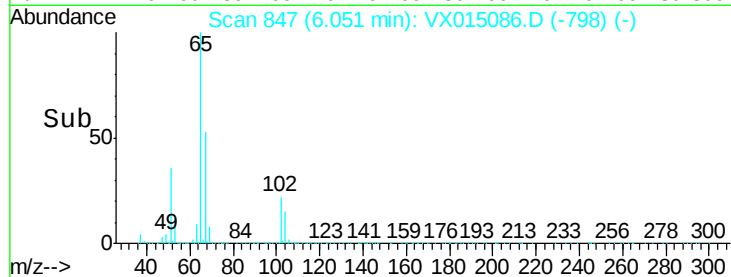
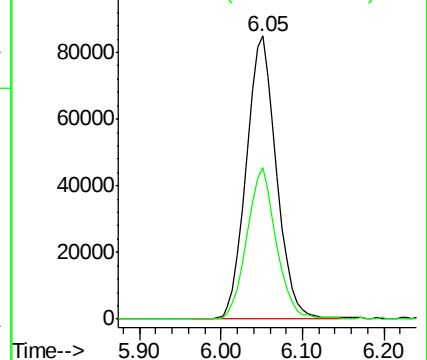
65 100

67 51.8 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

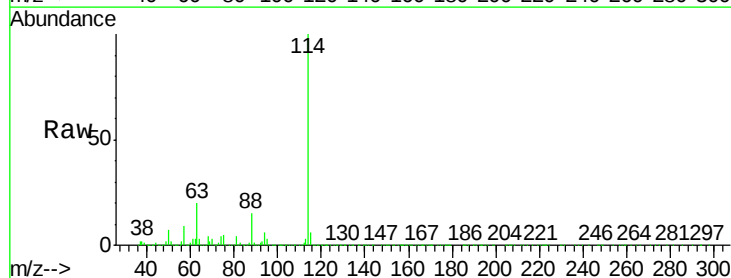
Tgt Ion: 114 Resp: 598027

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

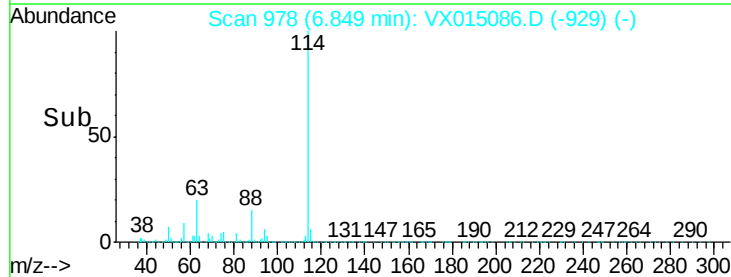
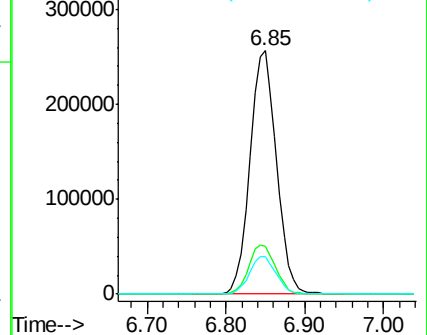
88 15.3 0.0 30.6

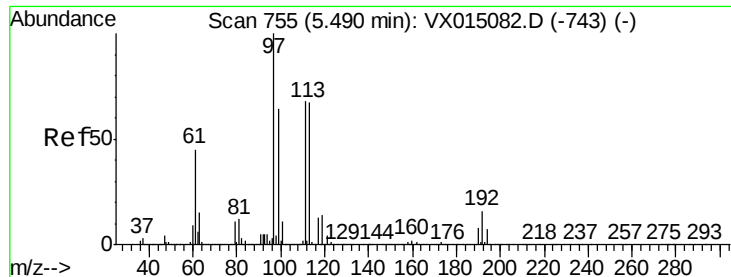


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.404 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBL01

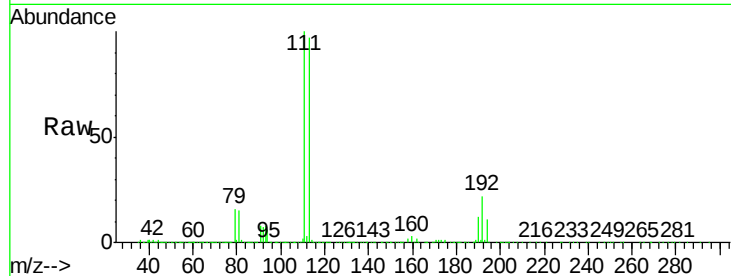
Tgt Ion:113 Resp: 182618

Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

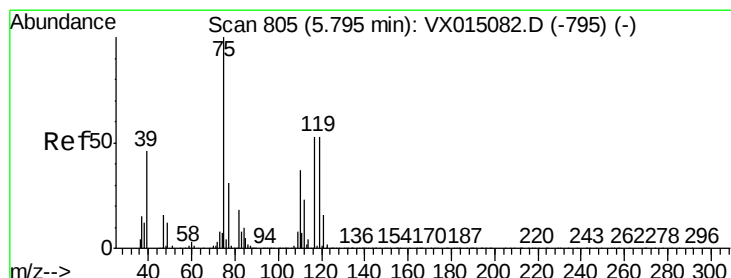
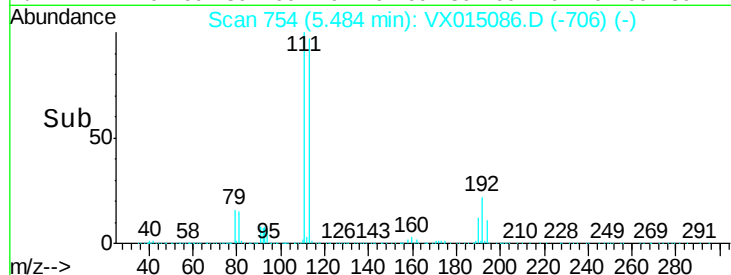
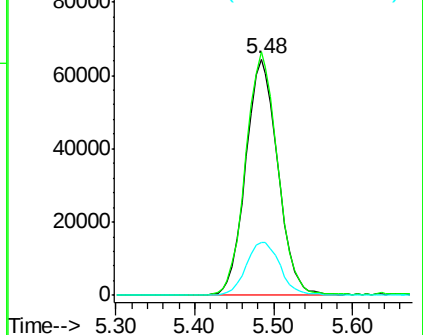
192 23.8 18.6 28.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.986 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.15 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

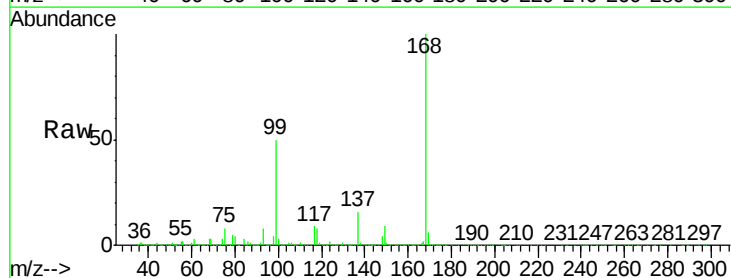
Tgt Ion: 75 Resp: 27564

Ion Ratio Lower Upper

75 100

110 10.8 17.9 53.8#

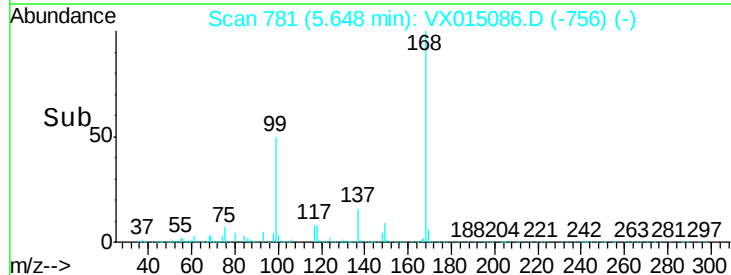
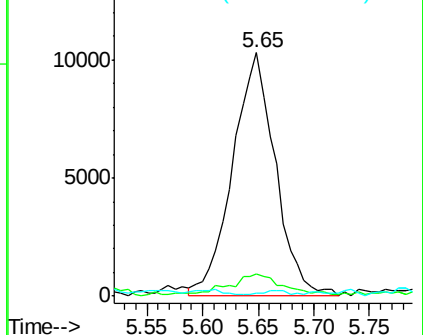
77 0.8 24.8 37.2#

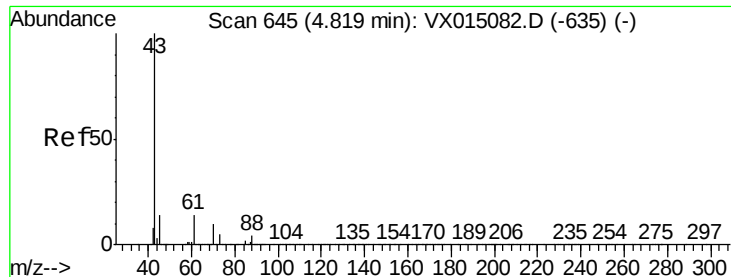


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

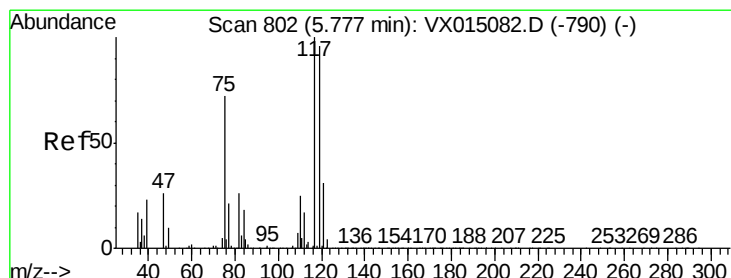
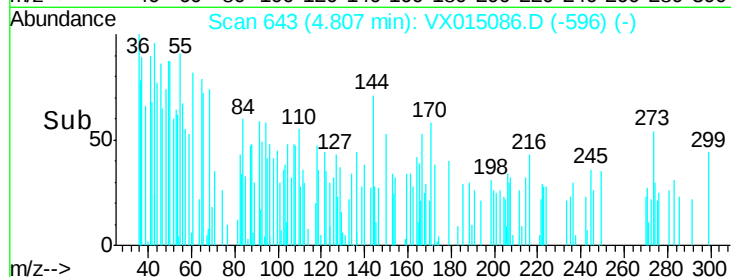
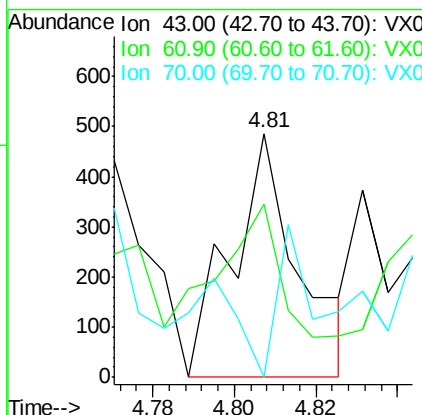
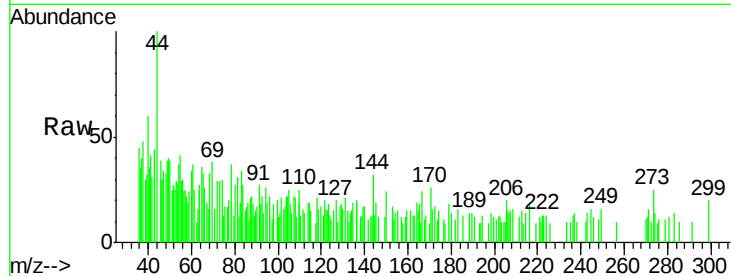




#37
Ethyl Acetate
Concen: 0.107 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

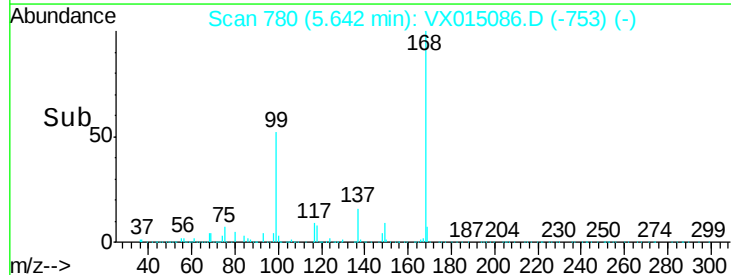
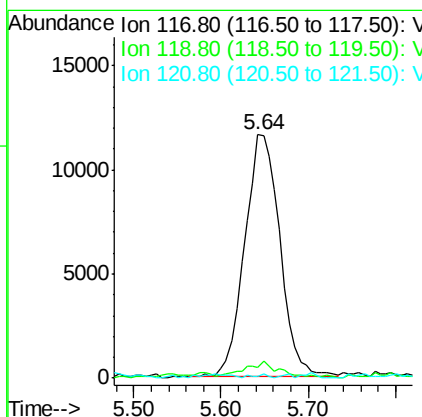
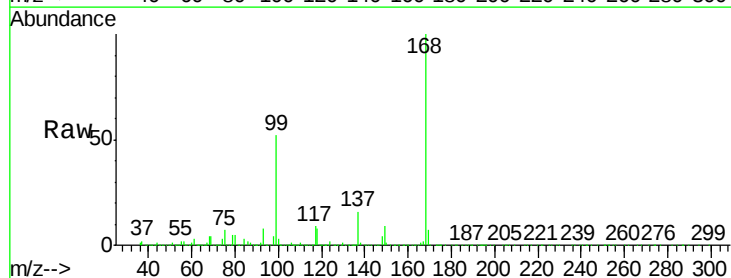
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBL01

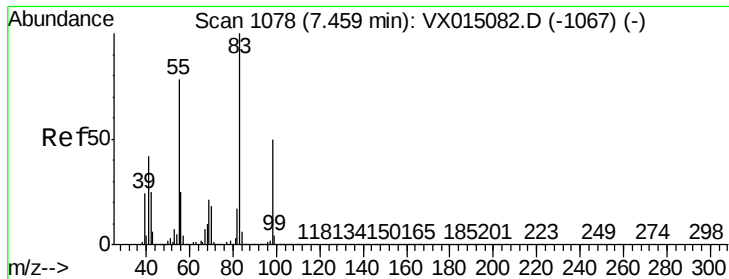
Tgt Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
61 47.0 11.0 16.4#
70 36.8 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 6.264 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Tgt Ion: 117 Resp: 32688
Ion Ratio Lower Upper
117 100
119 4.5 76.9 115.3#
121 0.8 24.6 37.0#

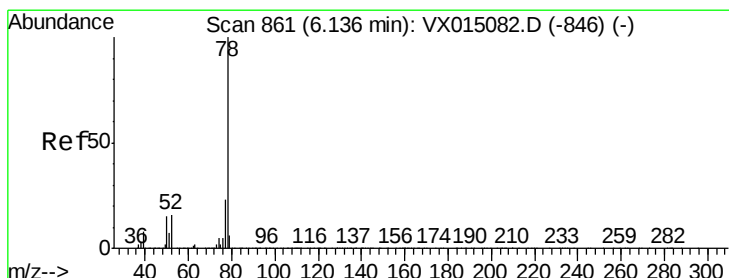
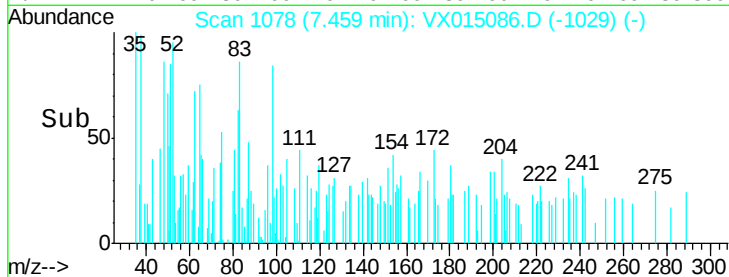
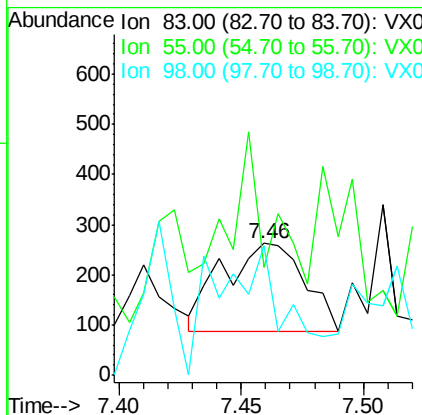
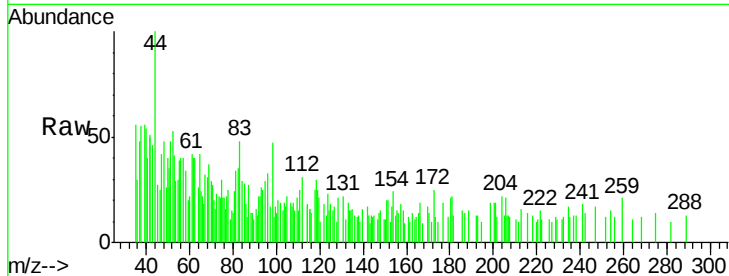




#39
Methylcyclohexane
Concen: 0.063 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

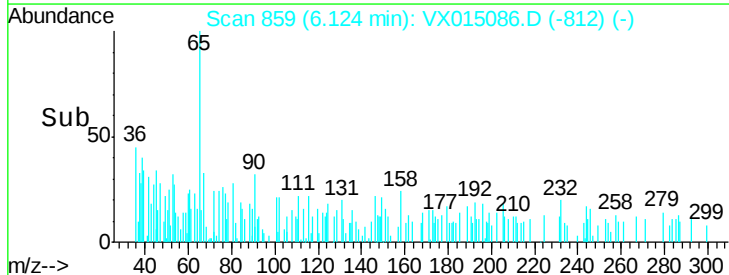
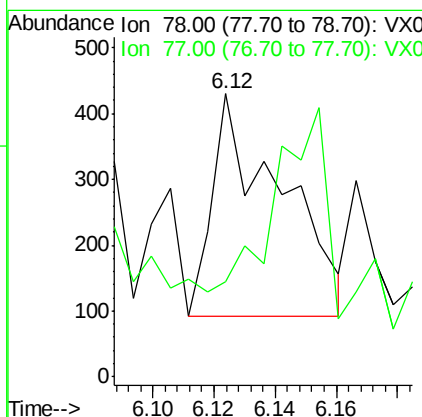
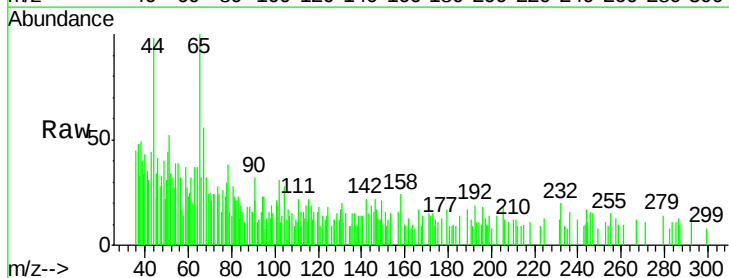
Instrument :
MSVOA_X
ClientSampled :
VX0304WBL01

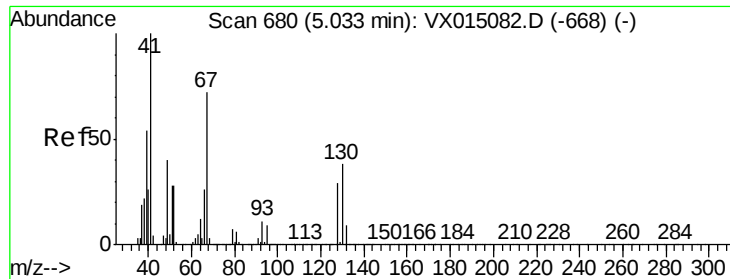
Tgt Ion: 83 Resp: 408
Ion Ratio Lower Upper
83 100
55 5.2 62.4 93.6#
98 101.1 39.7 59.5#



#40
Benzene
Concen: 0.032 ug/l
RT: 6.12 min Scan# 859
Delta R.T. -0.01 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Tgt Ion: 78 Resp: 524
Ion Ratio Lower Upper
78 100
77 16.6 18.6 28.0#





#41

Methacrylonitrile

Concen: 0.103 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBL01

Tgt Ion: 41 Resp: 318

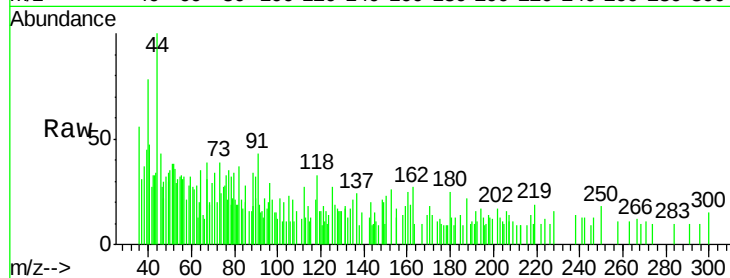
Ion Ratio Lower Upper

41 100

39 25.5 43.9 65.9#

67 119.5 57.8 86.8#

52 150.0 22.6 34.0#

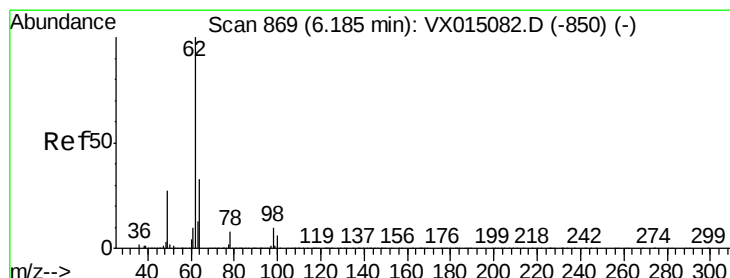
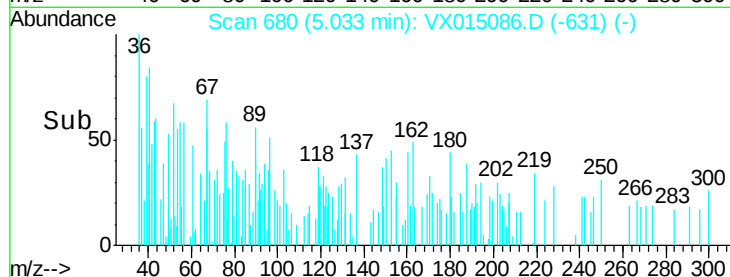
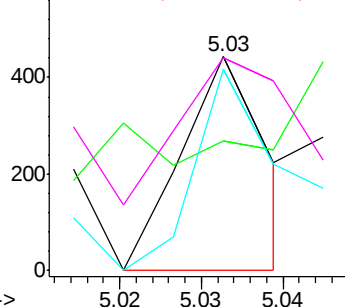


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 0.246 ug/l

RT: 6.19 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX015086.D

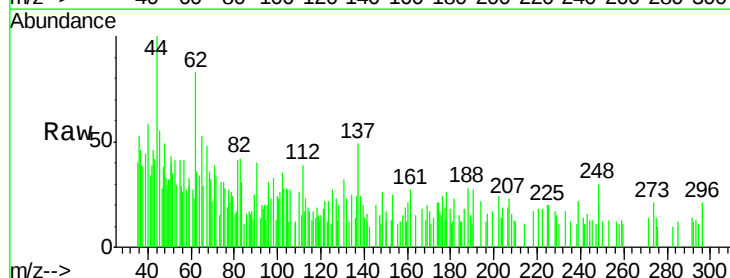
Acq: 04 Mar 2020 14:32

Tgt Ion: 62 Resp: 1387

Ion Ratio Lower Upper

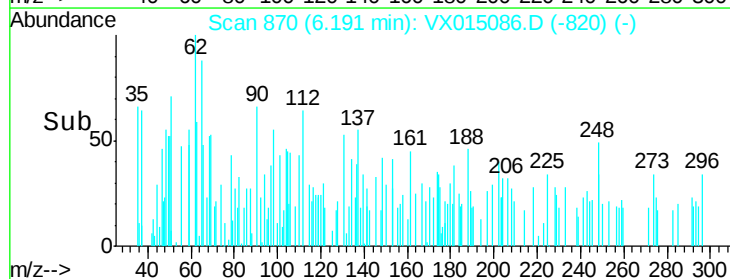
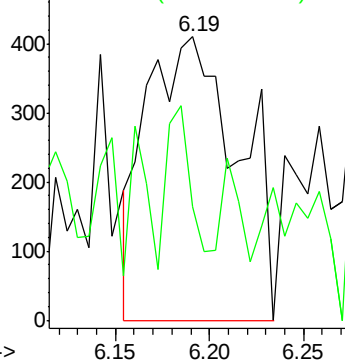
62 100

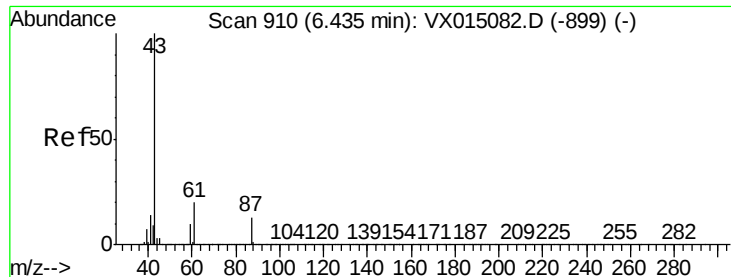
98 14.9 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.038 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampled :

VX0304WBL01

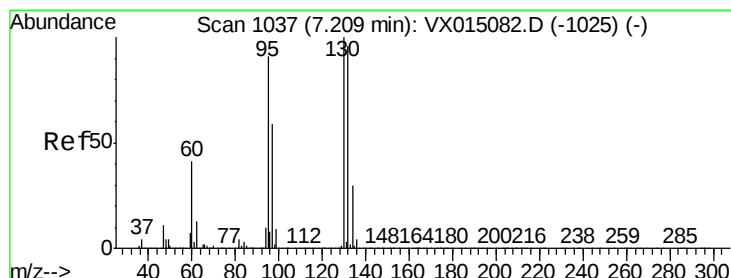
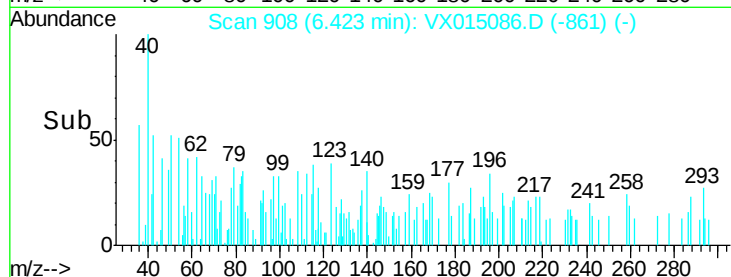
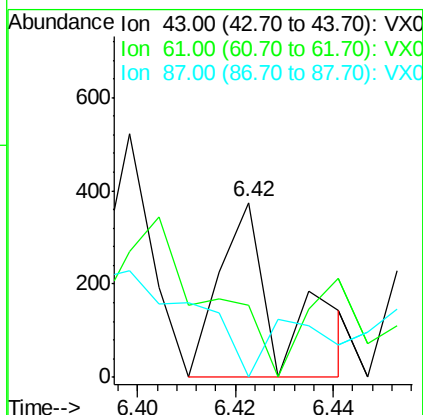
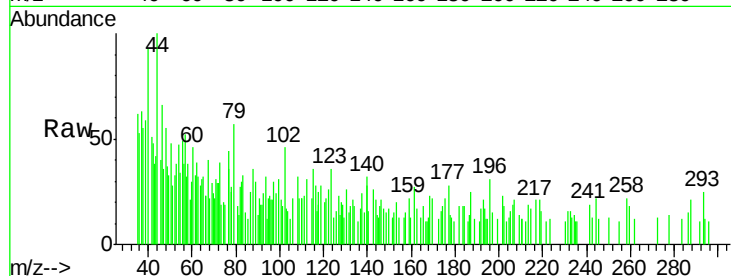
Tgt Ion: 43 Resp: 340

Ion Ratio Lower Upper

43 100

61 0.0 16.1 24.1#

87 32.6 10.6 16.0#



#44

Trichloroethene

Concen: 0.119 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015086.D

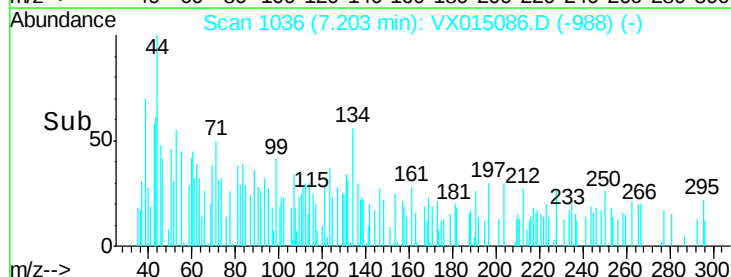
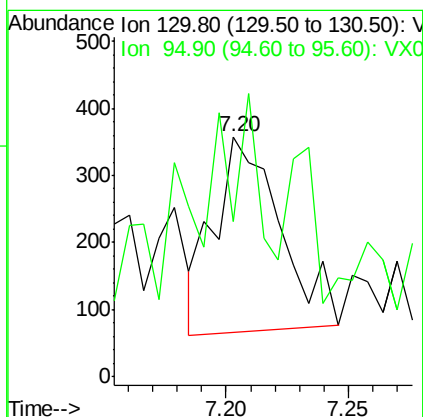
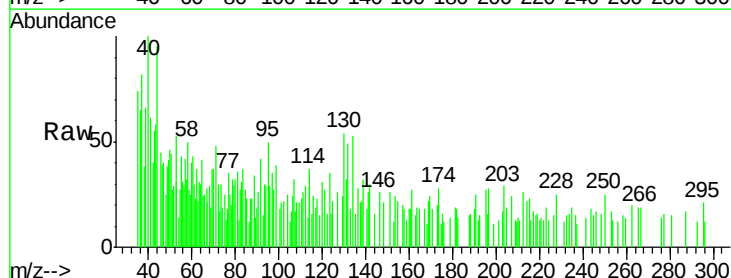
Acq: 04 Mar 2020 14:32

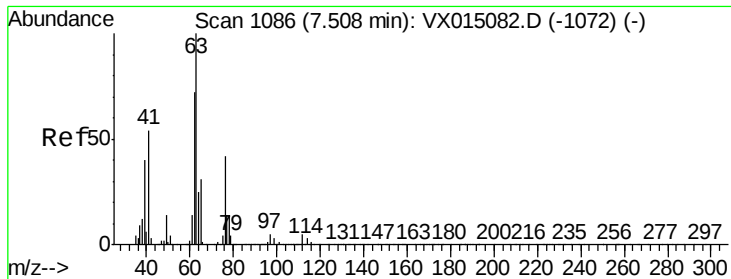
Tgt Ion: 130 Resp: 544

Ion Ratio Lower Upper

130 100

95 29.5 0.0 181.2

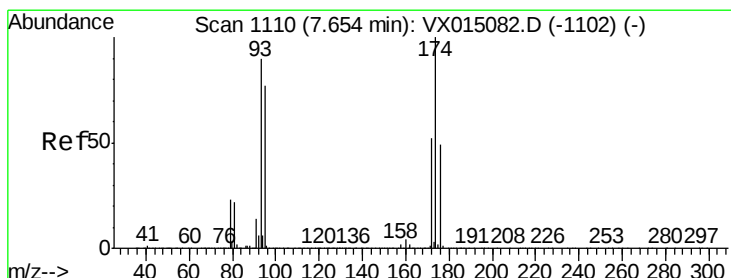
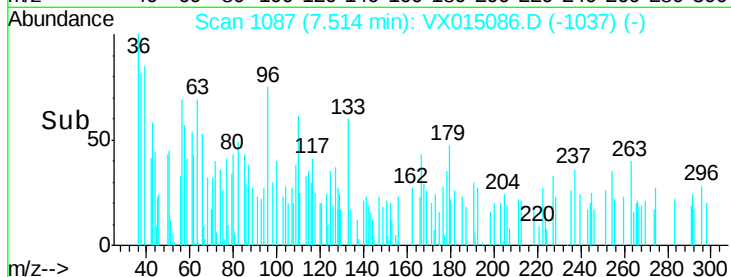
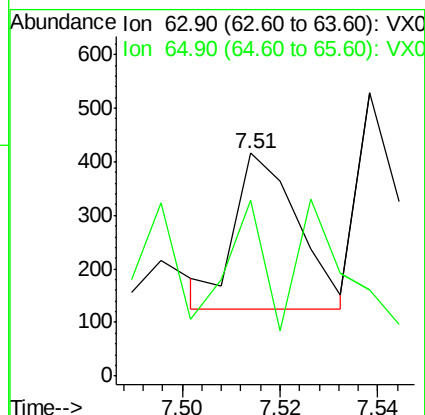
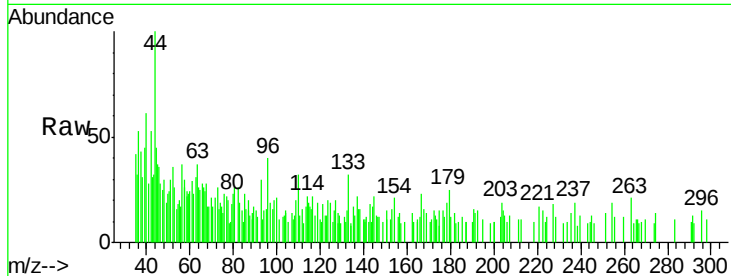




#45
 1,2-Dichloropropane
 Concen: 0.061 ug/l
 RT: 7.51 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: VX015086.D
 Acq: 04 Mar 2020 14:32

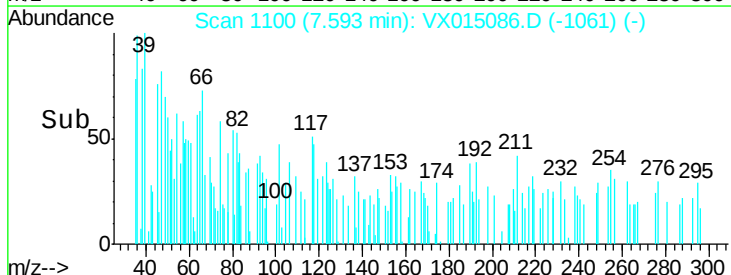
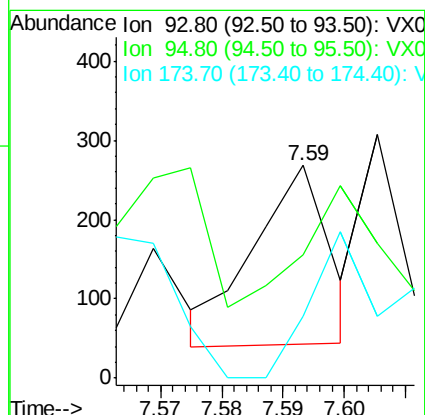
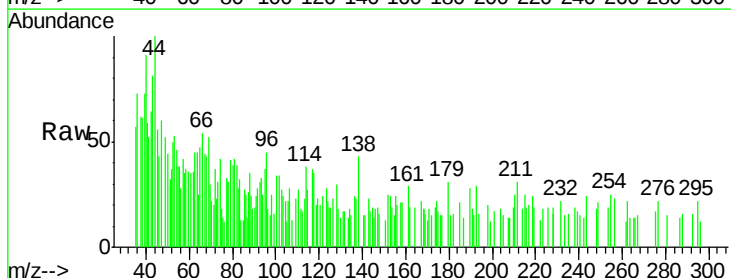
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBL01

Tgt Ion: 63 Resp: 260
 Ion Ratio Lower Upper
 63 100
 65 83.4 24.6 36.8#



#46
 Dibromomethane
 Concen: 0.069 ug/l
 RT: 7.59 min Scan# 1100
 Delta R.T. -0.06 min
 Lab File: VX015086.D
 Acq: 04 Mar 2020 14:32

Tgt Ion: 93 Resp: 192
 Ion Ratio Lower Upper
 93 100
 95 75.0 67.8 101.8
 174 126.0 91.0 136.4





#47

Bromodichloromethane

Concen: 0.128 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.01 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBL01

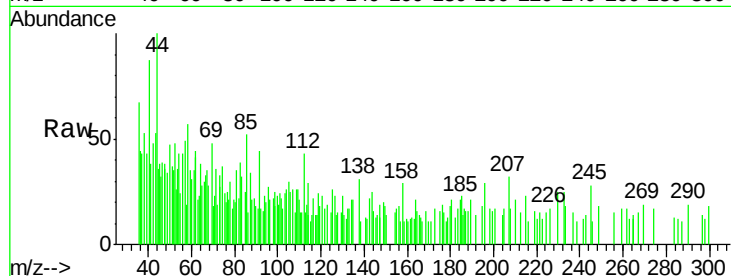
Tgt Ion: 83 Resp: 699

Ion Ratio Lower Upper

83 100

85 109.5 50.6 75.8#

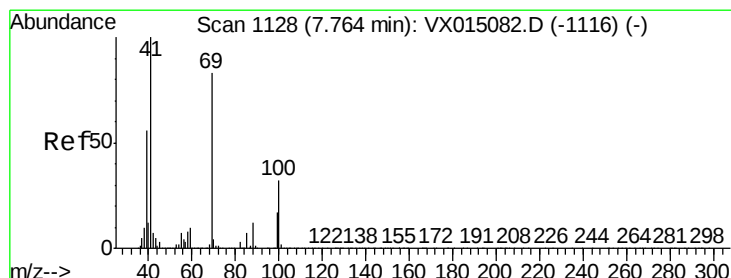
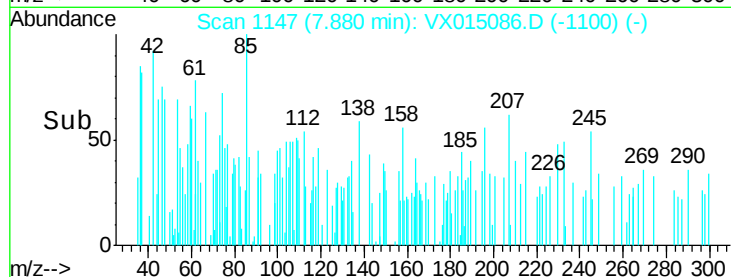
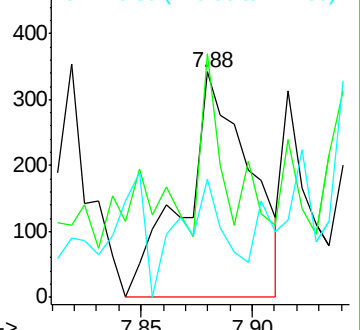
127 34.6 7.1 10.7#



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: 0.107 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.03 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

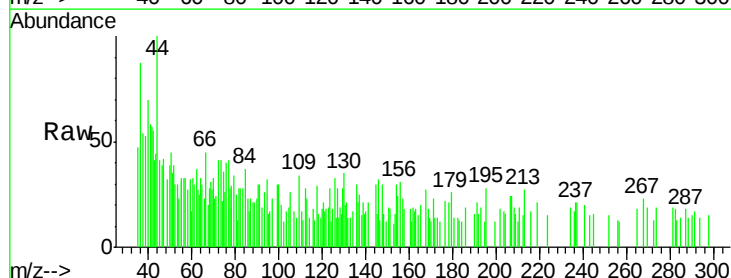
Tgt Ion: 41 Resp: 493

Ion Ratio Lower Upper

41 100

69 44.0 65.4 98.2#

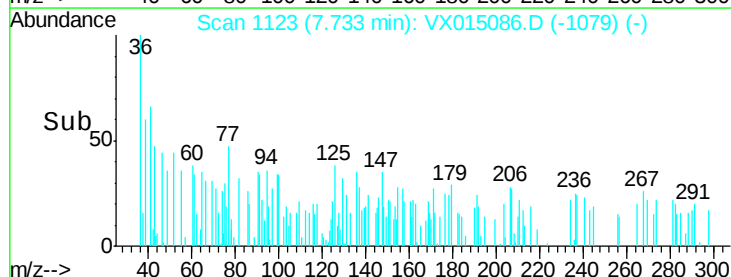
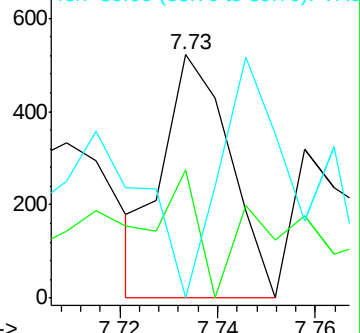
39 118.7 44.6 67.0#

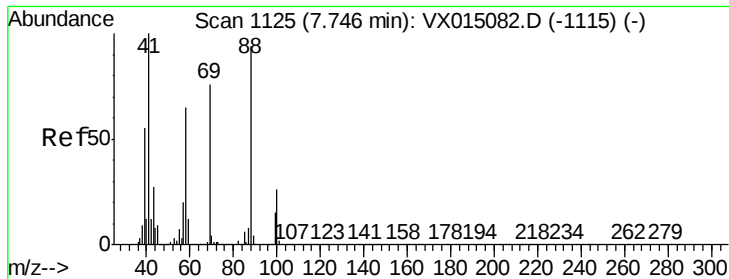


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

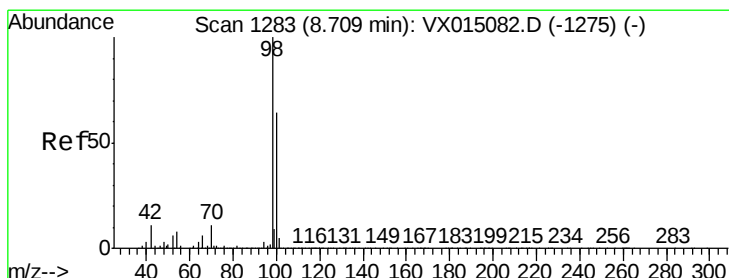
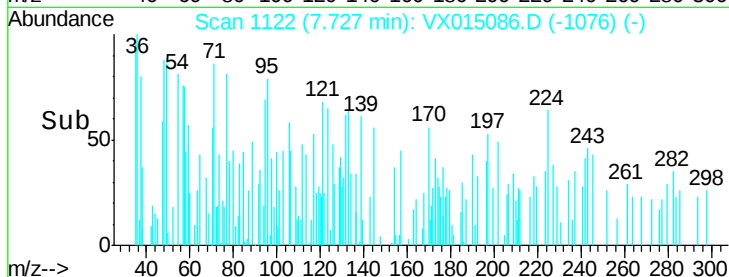
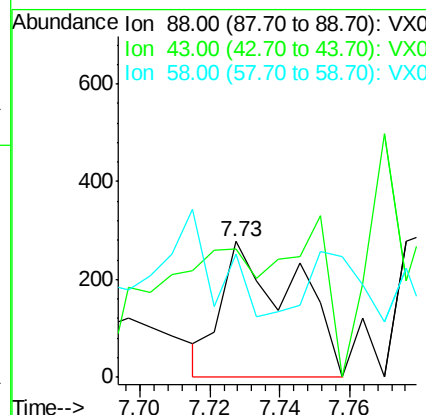
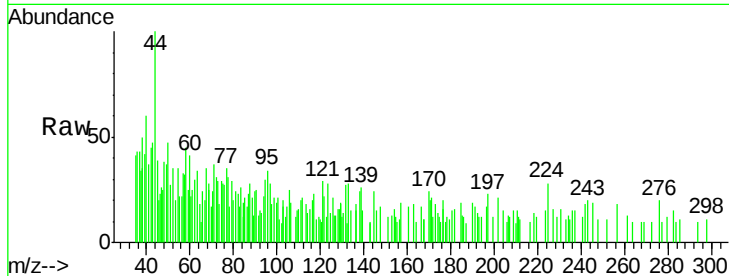




#49
1,4-Dioxane
Concen: 4.019 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

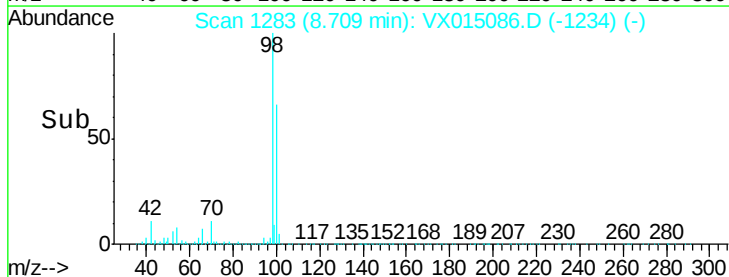
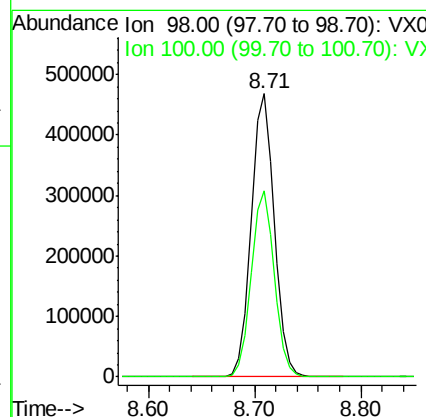
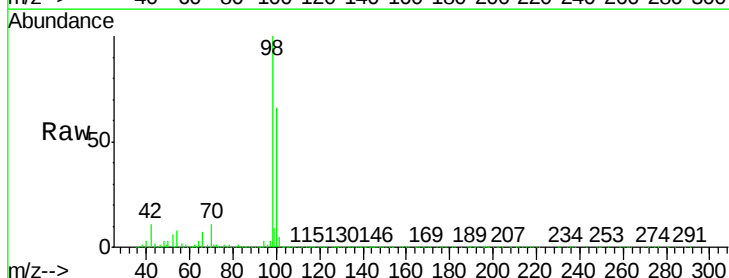
Instrument :
MSVOA_X
ClientSampled :
VX0304WBL01

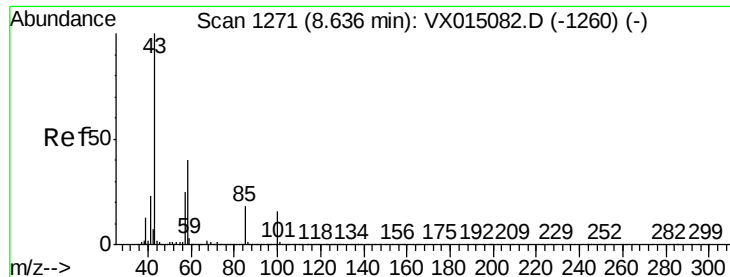
Tgt Ion: 88 Resp: 399
Ion Ratio Lower Upper
88 100
43 138.6 27.0 40.4#
58 101.5 55.6 83.4#



#50
Toluene-d8
Concen: 49.827 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Tgt Ion: 98 Resp: 715072
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

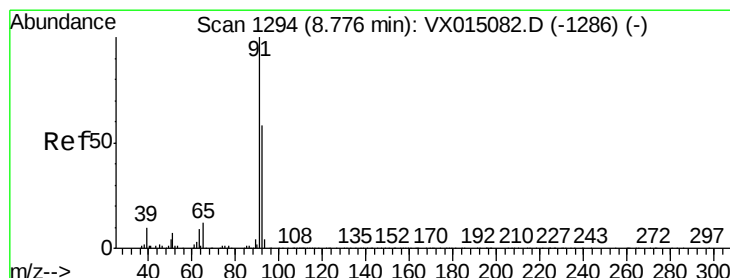
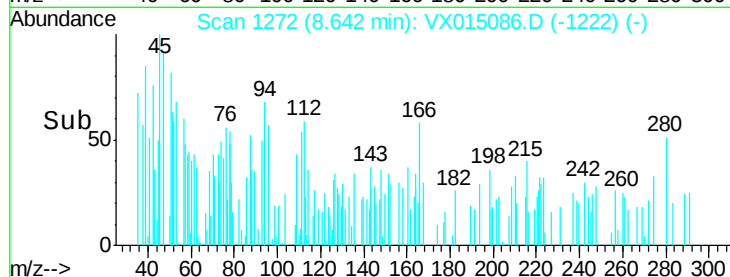
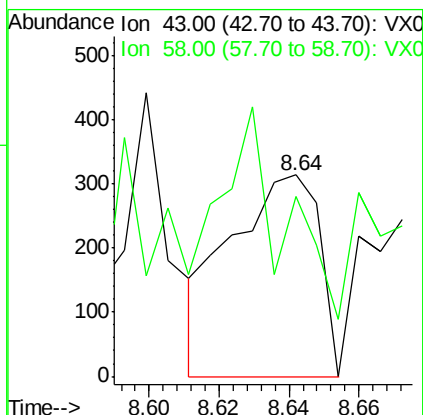
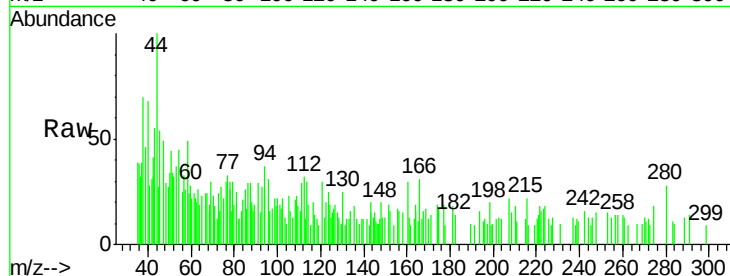




#51
4-Methyl-2-Pentanone
Concen: 0.104 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

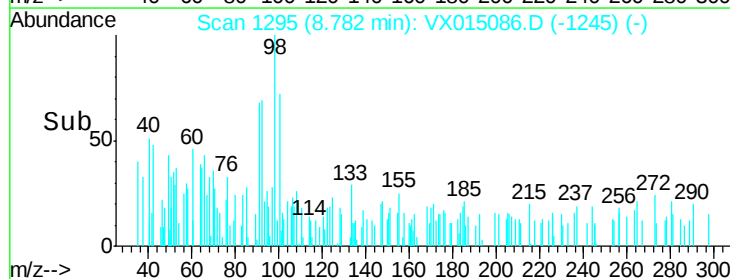
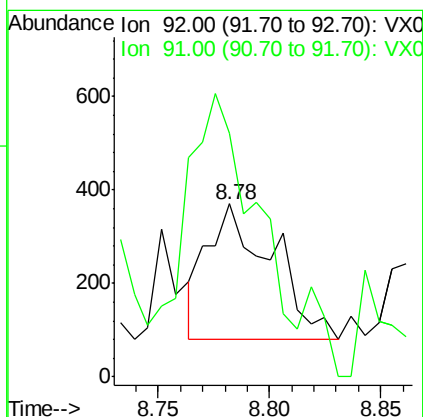
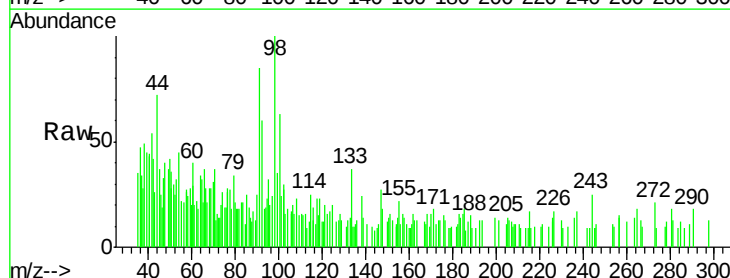
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBL01

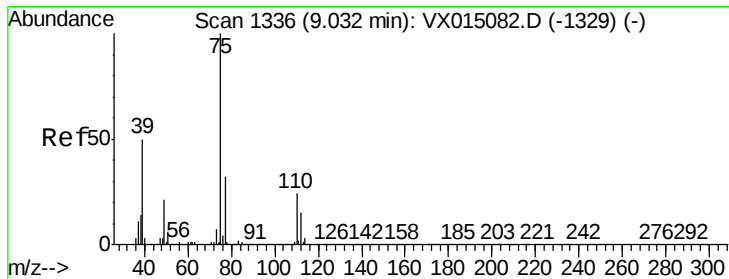
Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
58 72.0 31.6 47.4#



#52
Toluene
Concen: 0.058 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Tgt Ion: 92 Resp: 582
Ion Ratio Lower Upper
92 100
91 197.8 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 0.114 ug/l

RT: 9.06 min Scan# 1340

Delta R.T. 0.02 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampled :

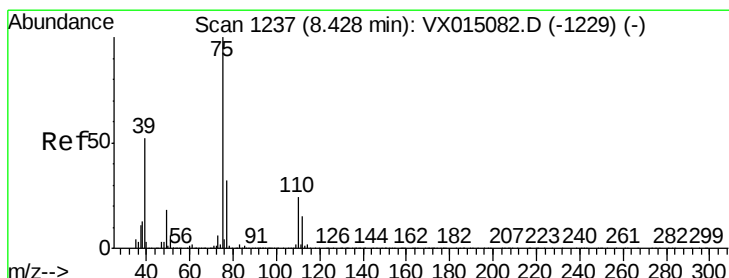
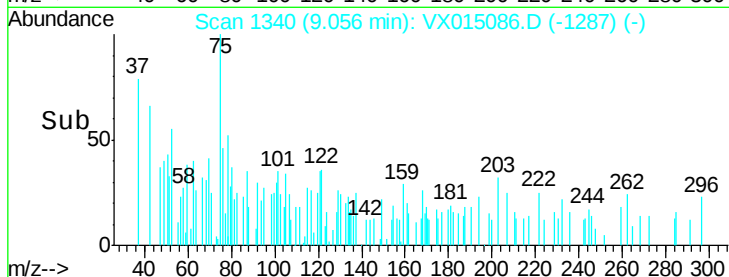
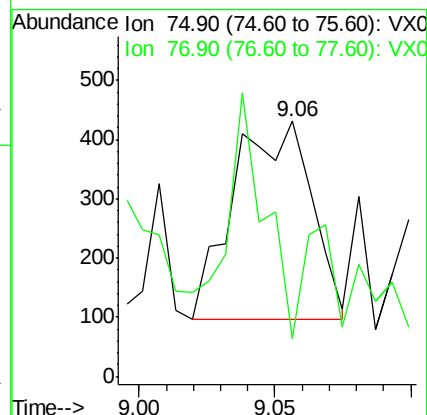
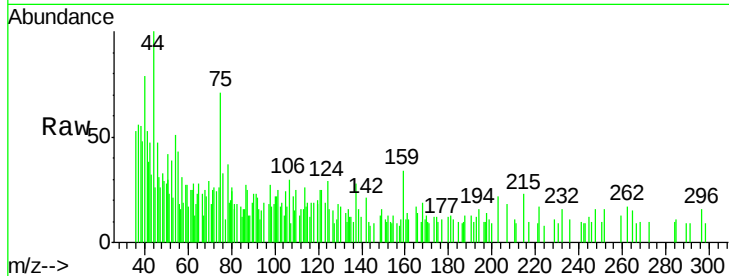
VX0304WBL01

Tgt Ion: 75 Resp: 662

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#



#54

cis-1,3-Dichloropropene

Concen: 0.043 ug/l

RT: 8.42 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

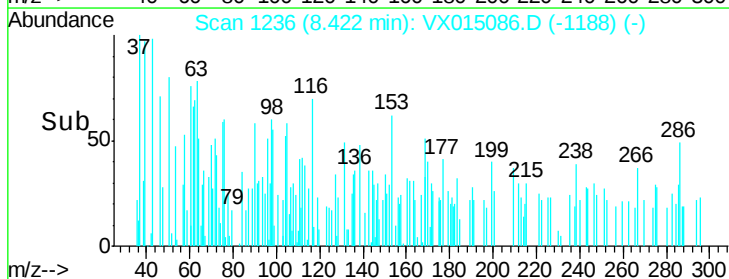
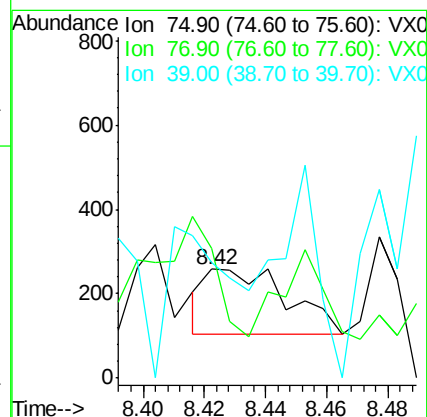
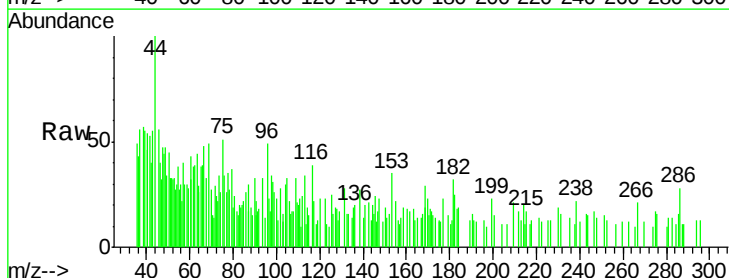
Tgt Ion: 75 Resp: 281

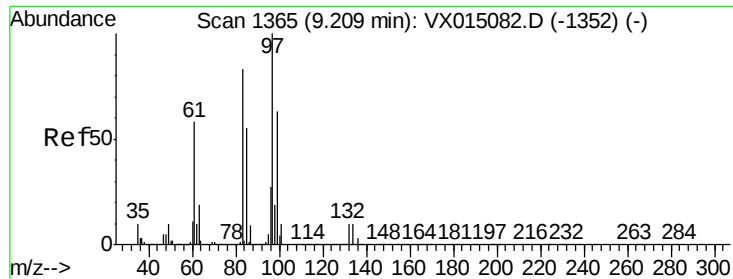
Ion Ratio Lower Upper

75 100

77 129.4 25.8 38.6#

39 179.1 41.3 61.9#

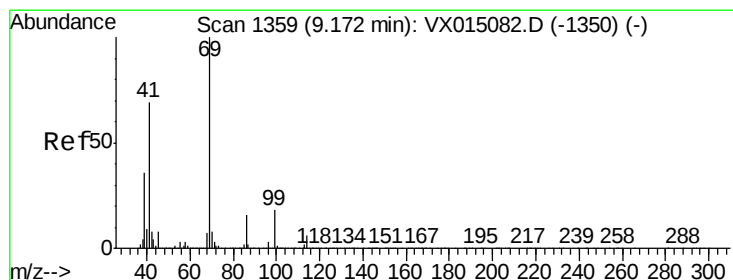
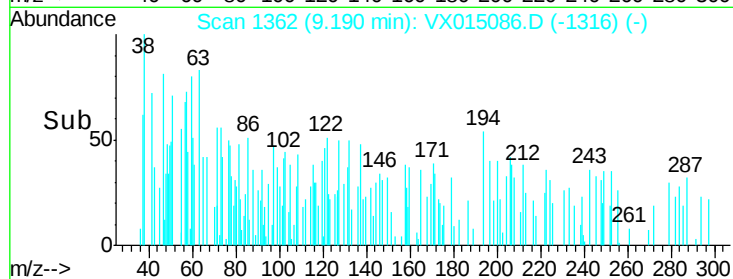
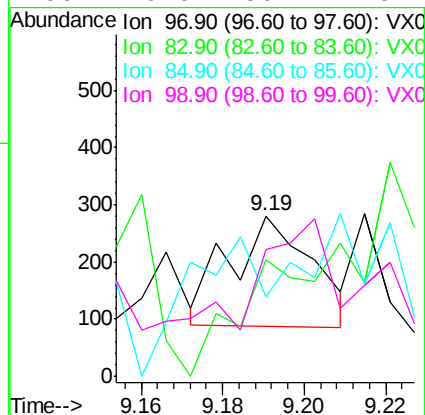
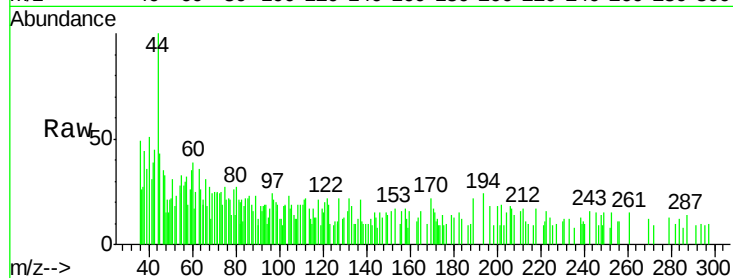




#55
 1,1,2-Trichloroethane
 Concen: 0.066 ug/l
 RT: 9.19 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: VX015086.D
 Acq: 04 Mar 2020 14:32

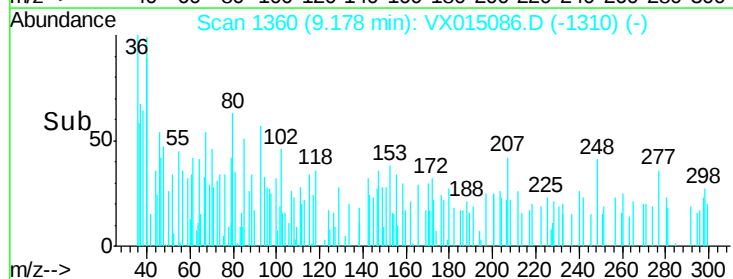
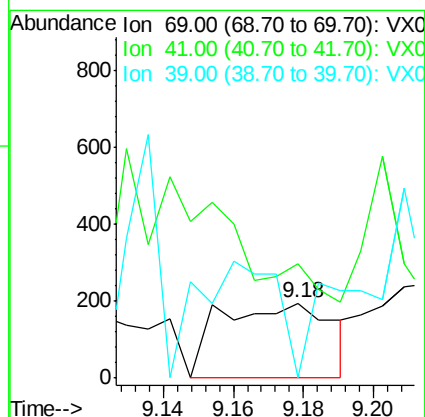
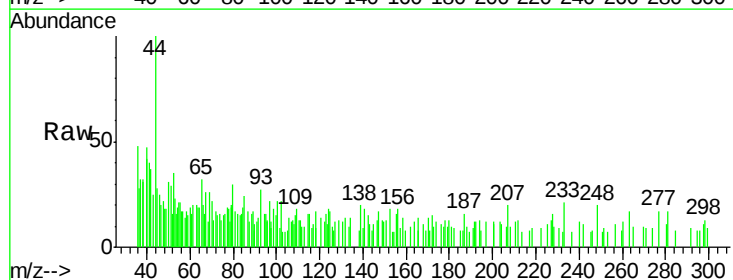
Instrument :
 MSVOA_X
 ClientSampled :
 VX0304WBL01

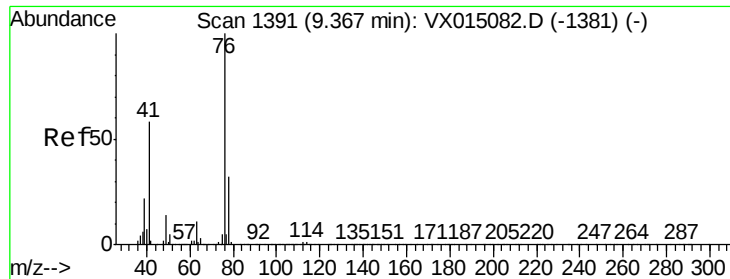
Tgt Ion:	97	Resp:	271
Ion	Ratio	Lower	Upper
97	100		
83	125.2	66.4	99.6#
85	0.0	43.5	65.3#
99	0.0	50.7	76.1#



#56
 Ethyl methacrylate
 Concen: 0.073 ug/l
 RT: 9.18 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: VX015086.D
 Acq: 04 Mar 2020 14:32

Tgt Ion:	69	Resp:	430
Ion	Ratio	Lower	Upper
69	100		
41	0.0	55.8	83.8#
39	72.1	29.4	44.2#





#57

1,3-Dichloropropane

Concen: 0.058 ug/l

RT: 9.34 min Scan# 1387

Delta R.T. -0.02 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

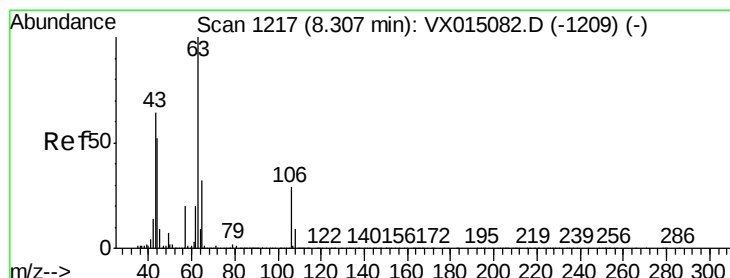
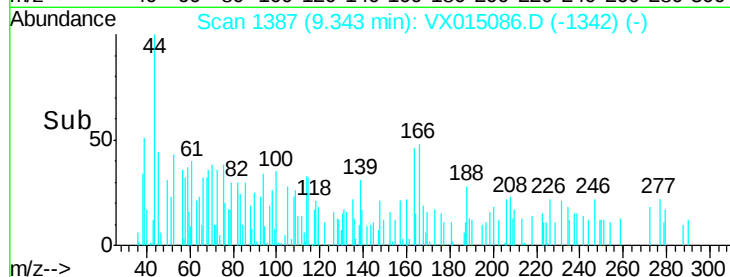
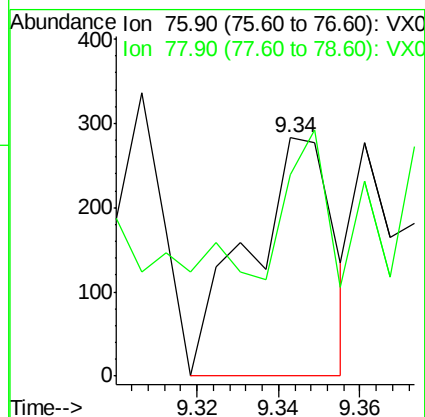
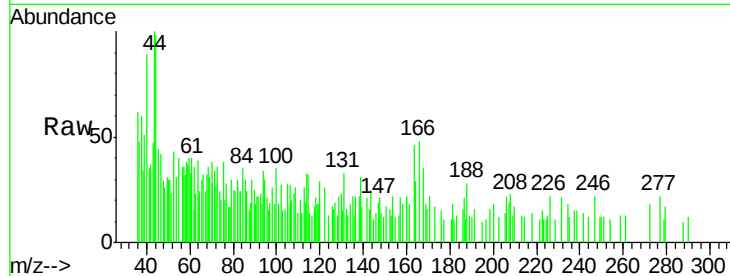
VX0304WBL01

Tgt Ion: 76 Resp: 405

Ion Ratio Lower Upper

76 100

78 28.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 0.101 ug/l

RT: 8.31 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VX015086.D

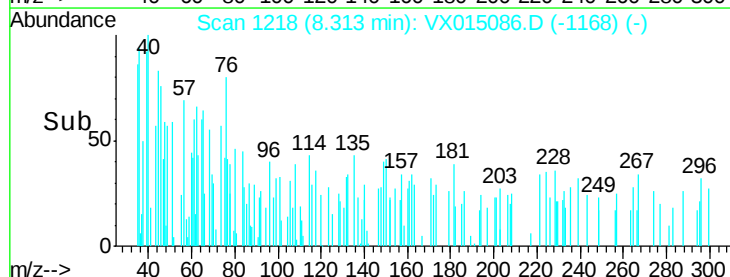
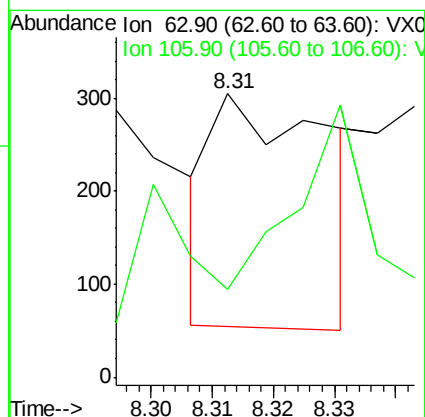
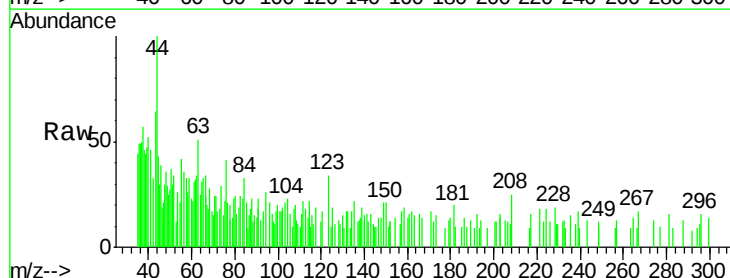
Acq: 04 Mar 2020 14:32

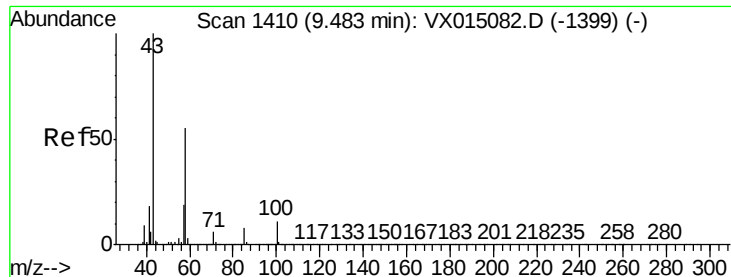
Tgt Ion: 63 Resp: 324

Ion Ratio Lower Upper

63 100

106 30.9 22.8 34.2

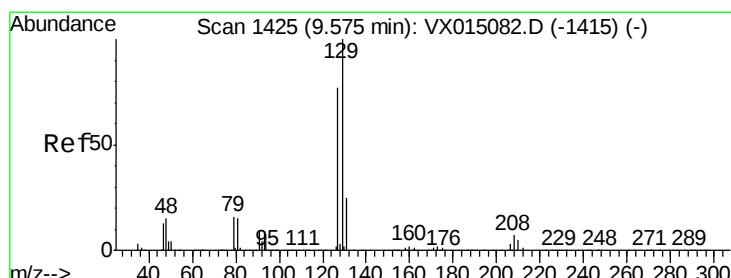
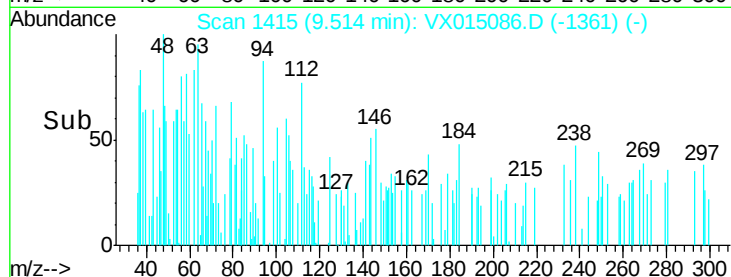
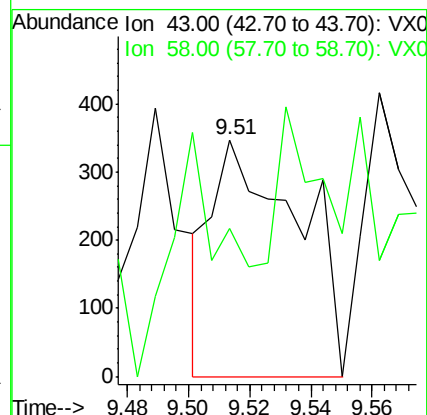
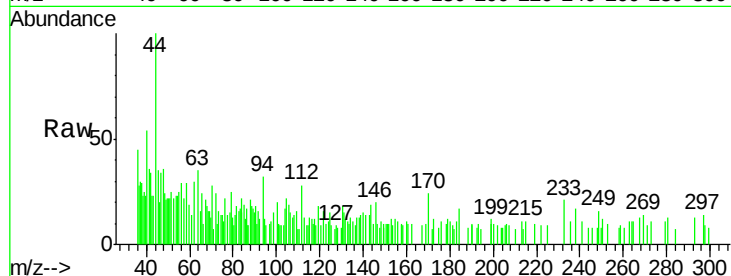




#59
2-Hexanone
Concen: 0.172 ug/l
RT: 9.51 min Scan# 1415
Delta R.T. 0.03 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

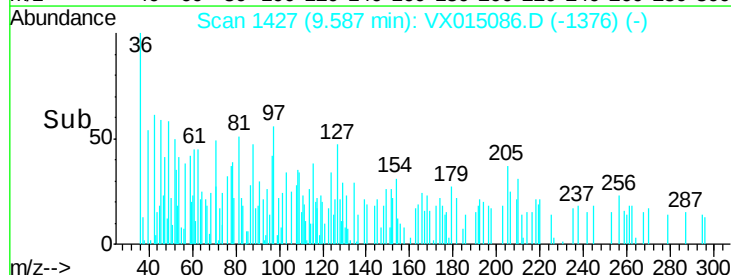
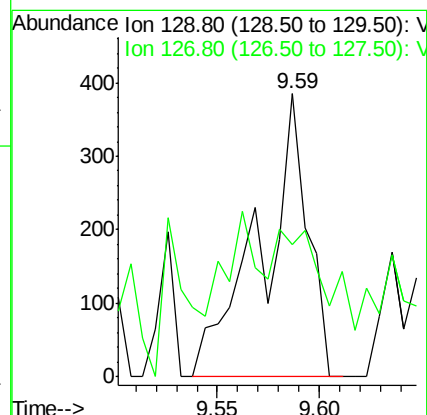
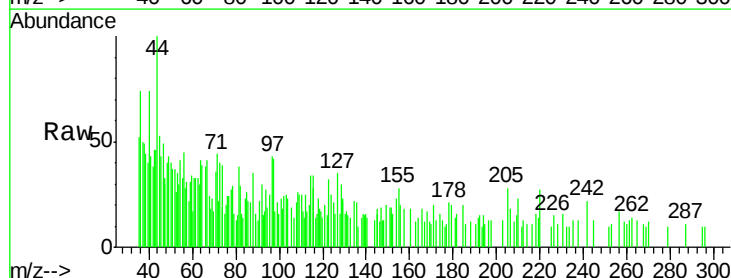
Instrument :
MSVOA_X
ClientSampled :
VX0304WBL01

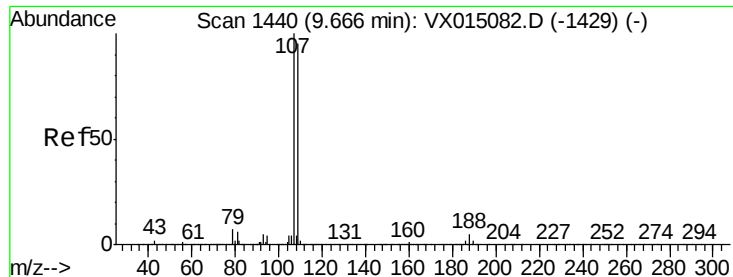
Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
58 65.9 27.3 81.8



#60
Dibromochloromethane
Concen: 0.140 ug/l
RT: 9.59 min Scan# 1427
Delta R.T. 0.01 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Tgt Ion: 129 Resp: 608
Ion Ratio Lower Upper
129 100
127 39.5 38.8 116.3

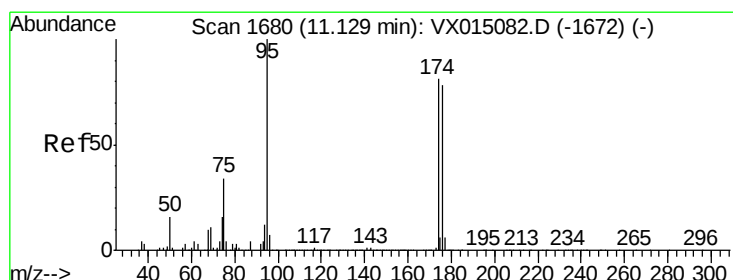
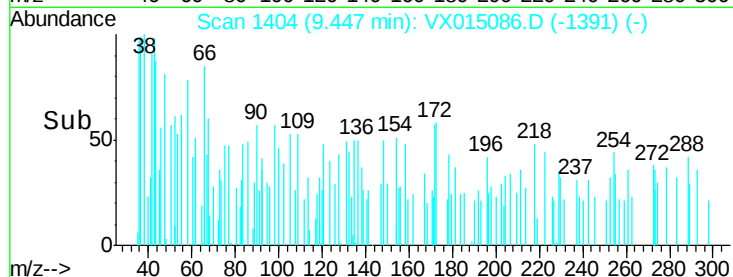
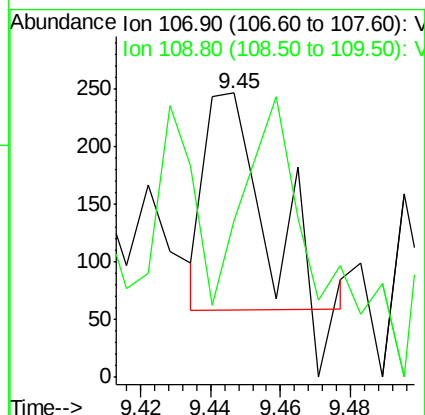
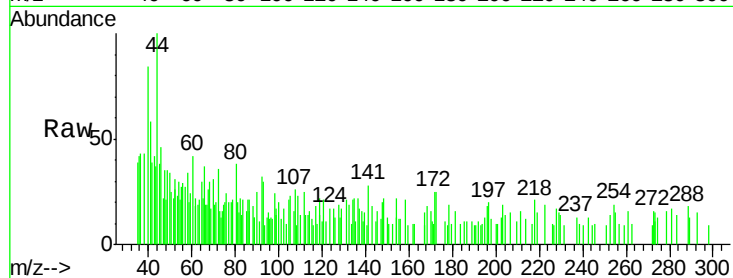




#61
 1,2-Dibromoethane
 Concen: 0.049 ug/l
 RT: 9.45 min Scan# 1404
 Delta R.T. -0.22 min
 Lab File: VX015086.D
 Acq: 04 Mar 2020 14:32

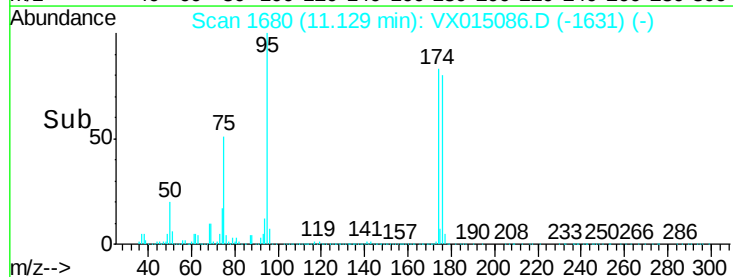
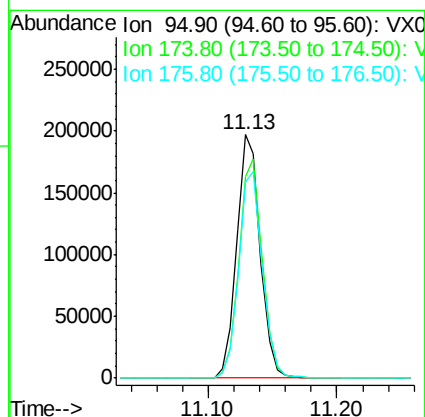
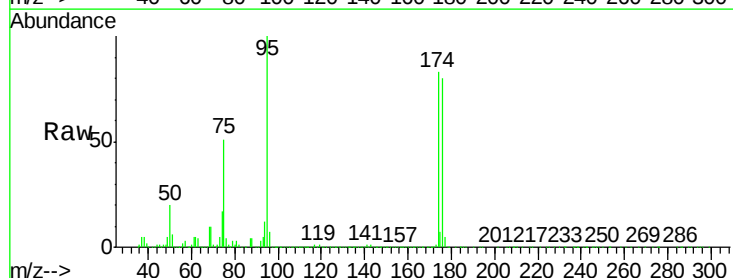
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBL01

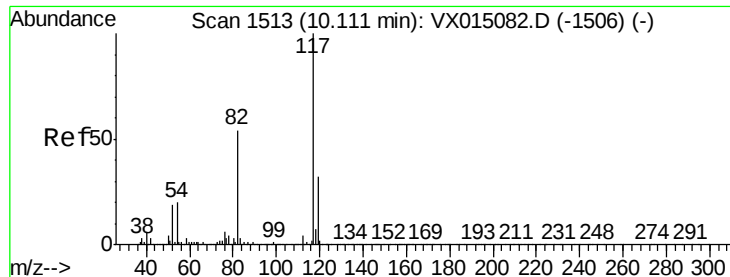
Tgt Ion: 107 Resp: 211
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.910 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX015086.D
 Acq: 04 Mar 2020 14:32

Tgt Ion: 95 Resp: 250366
 Ion Ratio Lower Upper
 95 100
 174 89.3 0.0 177.6
 176 85.5 0.0 170.2

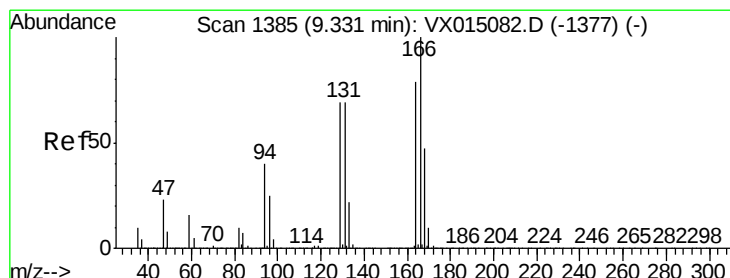
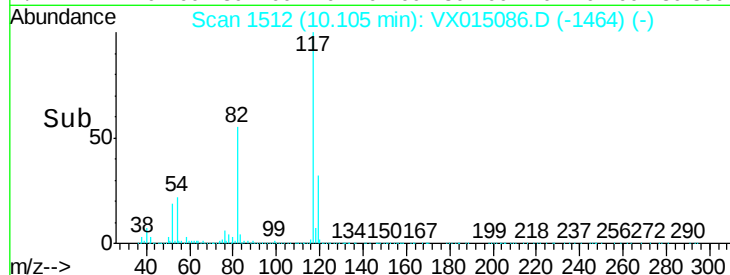
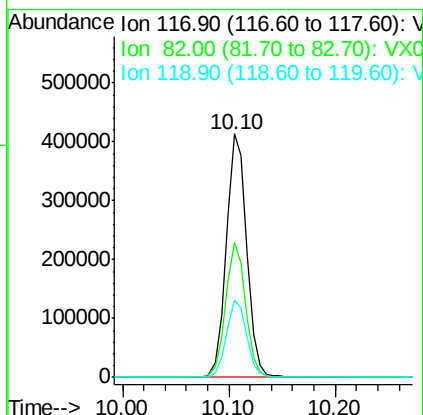
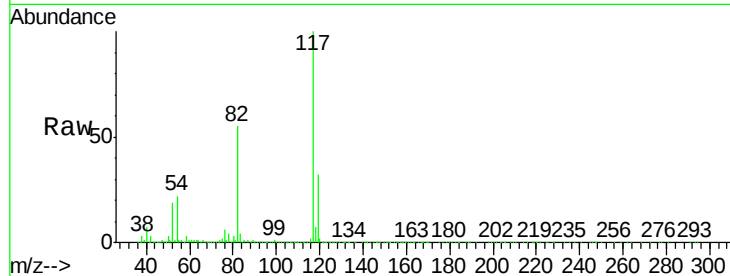




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

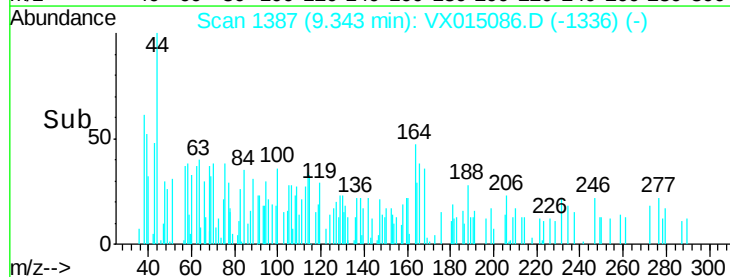
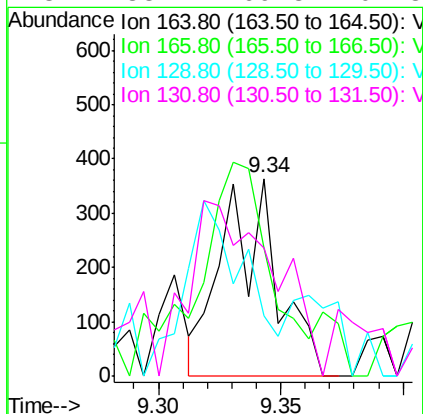
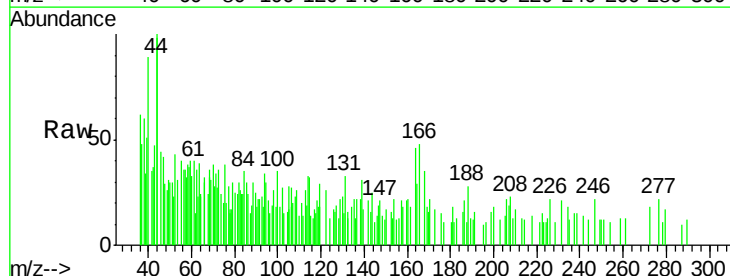
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBL01

Tgt Ion:117 Resp: 555646
Ion Ratio Lower Upper
117 100
82 55.4 43.3 64.9
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 0.120 ug/l
RT: 9.34 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Tgt Ion:164 Resp: 551
Ion Ratio Lower Upper
164 100
166 47.3 101.1 151.7#
129 0.0 69.4 104.0#
131 38.2 69.8 104.8#





#65

Chlorobenzene

Concen: 0.118 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampled :

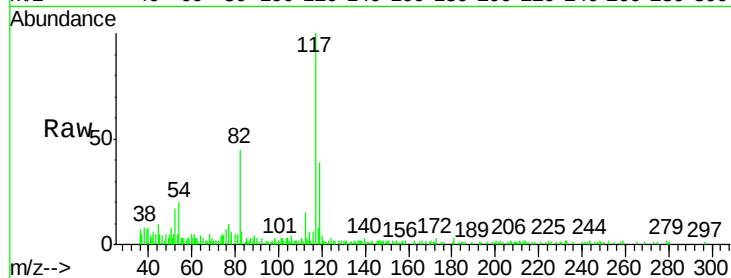
VX0304WBL01

Tgt Ion:112 Resp: 1317

Ion Ratio Lower Upper

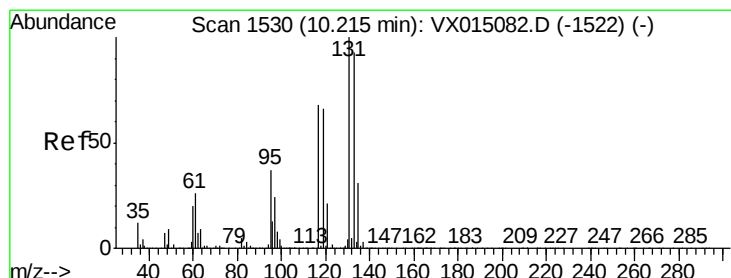
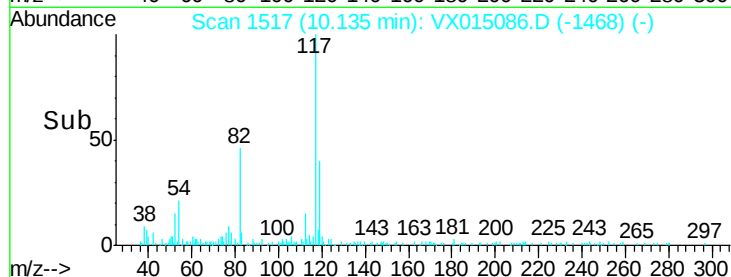
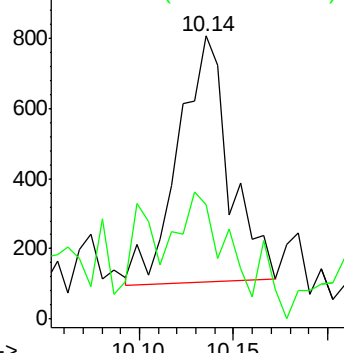
112 100

114 31.5 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.044 ug/l

RT: 10.18 min Scan# 1525

Delta R.T. -0.03 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

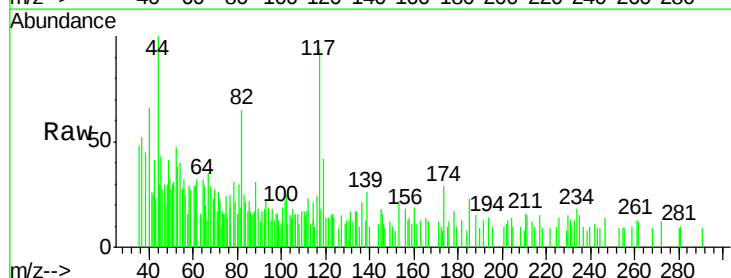
Tgt Ion:131 Resp: 187

Ion Ratio Lower Upper

131 100

133 163.6 47.5 142.5#

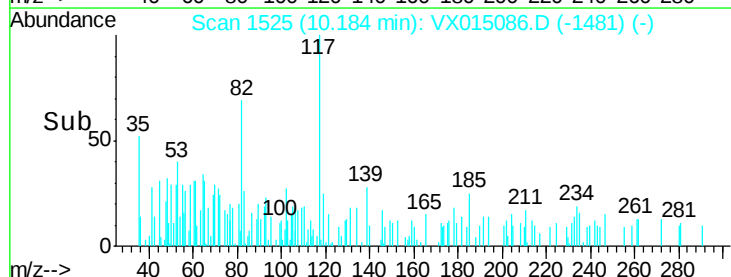
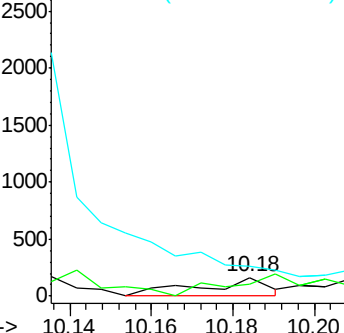
119 0.0 33.4 100.1#

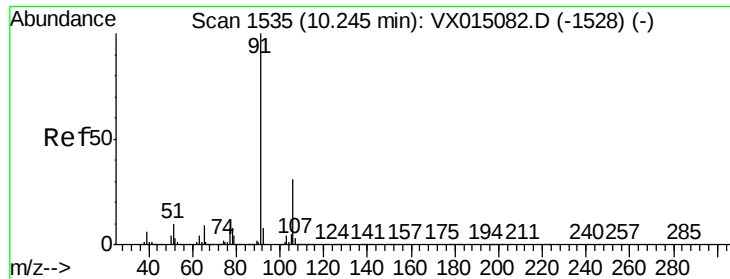


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 0.062 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

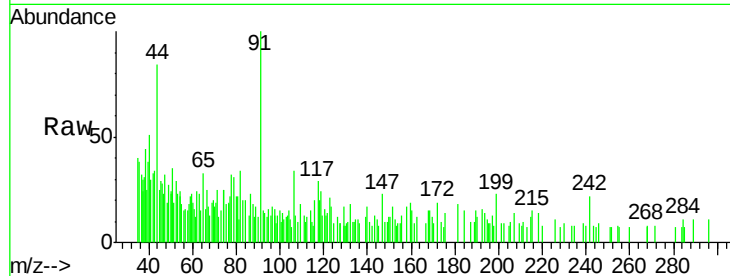
VX0304WBL01

Tgt Ion: 91 Resp: 1178

Ion Ratio Lower Upper

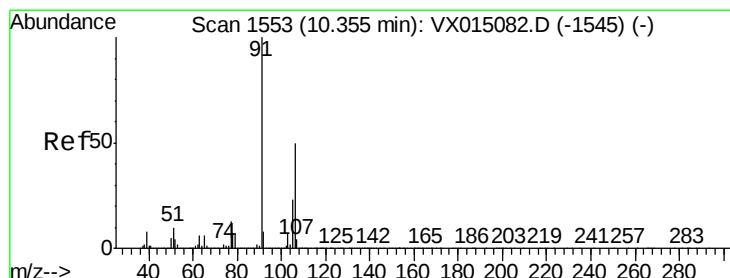
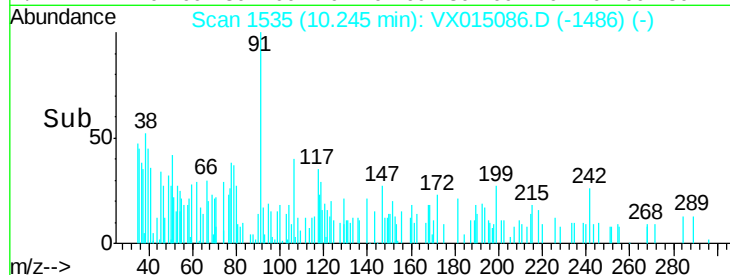
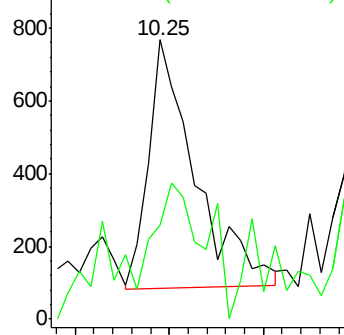
91 100

106 12.0 24.9 37.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 0.123 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015086.D

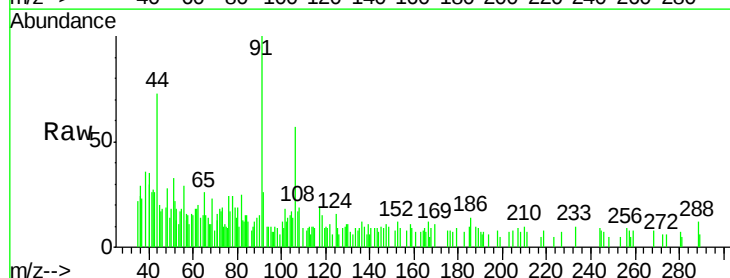
Acq: 04 Mar 2020 14:32

Tgt Ion: 106 Resp: 884

Ion Ratio Lower Upper

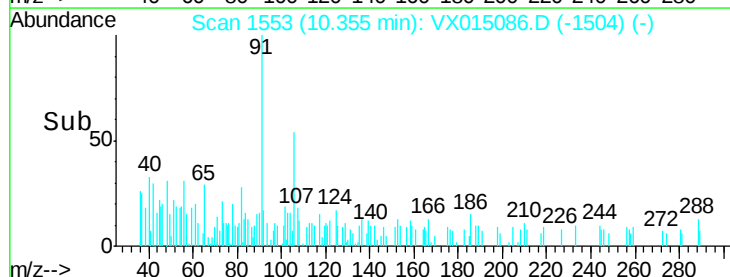
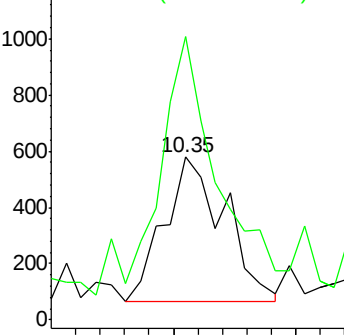
106 100

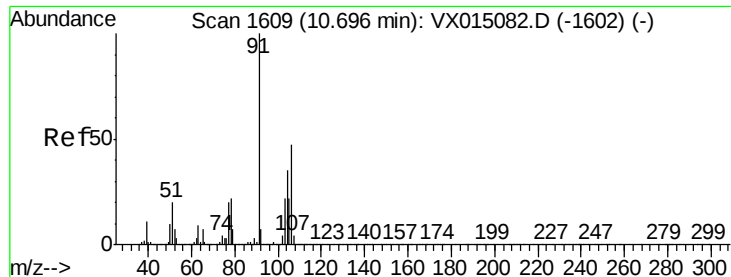
91 178.5 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

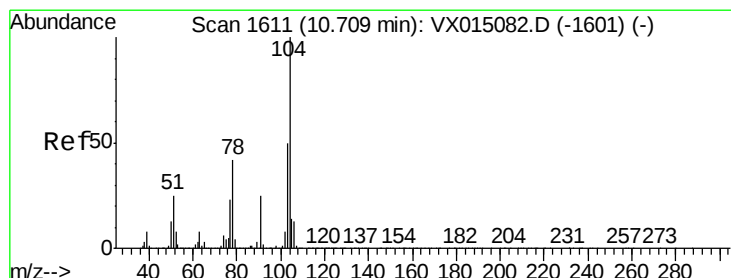
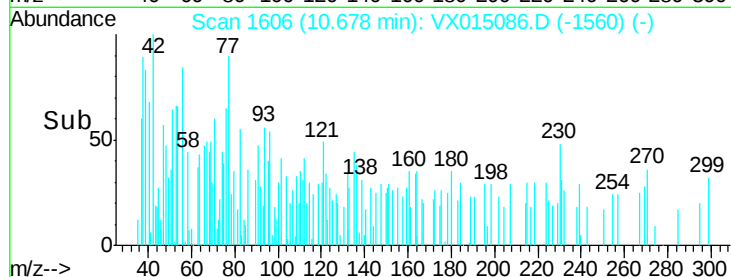
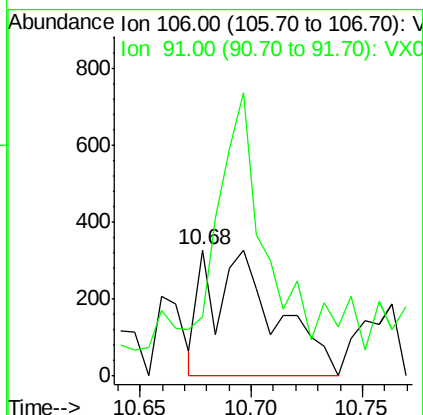
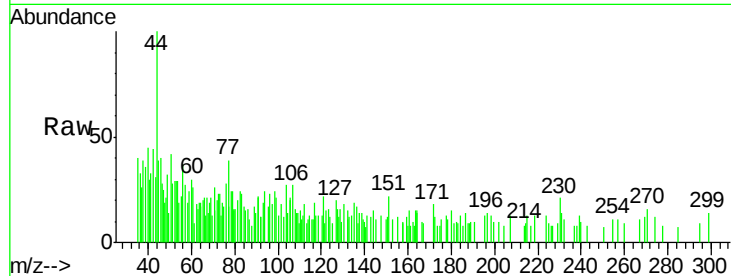




#69
o-Xylene
Concen: 0.099 ug/l
RT: 10.68 min Scan# 1606
Delta R.T. -0.02 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

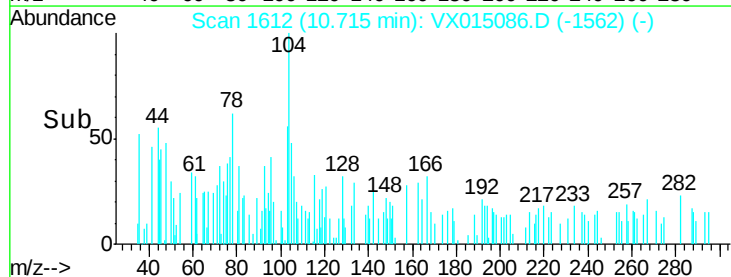
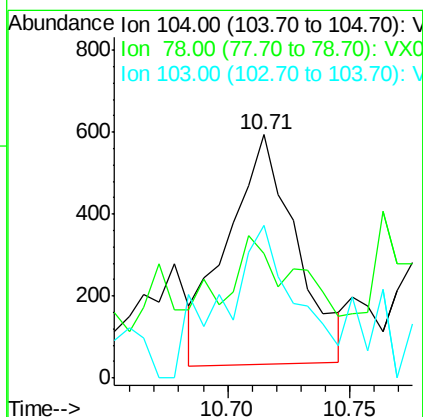
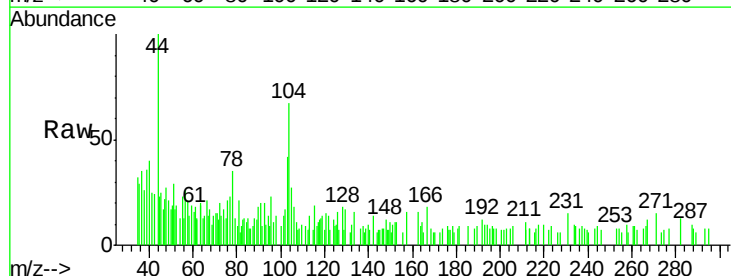
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBL01

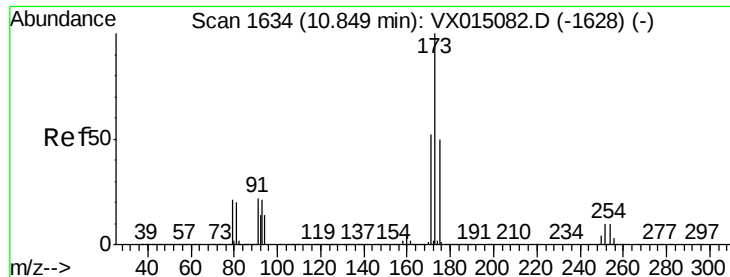
Tgt Ion:106 Resp: 685
Ion Ratio Lower Upper
106 100
91 118.2 105.4 316.1



#70
Styrene
Concen: 0.093 ug/l
RT: 10.71 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Tgt Ion:104 Resp: 1098
Ion Ratio Lower Upper
104 100
78 41.6 39.0 58.4
103 72.4 43.7 65.5#

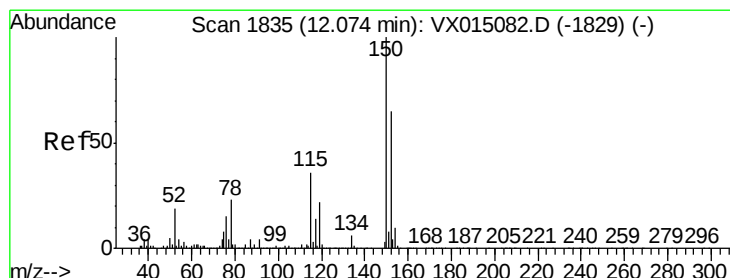
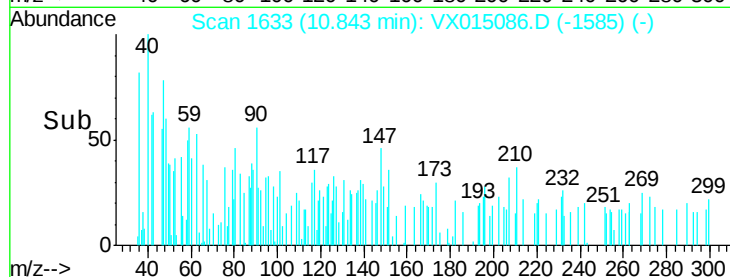
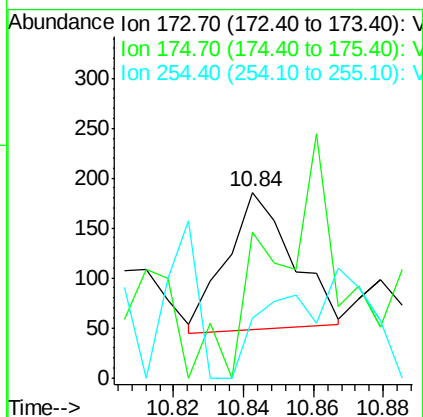
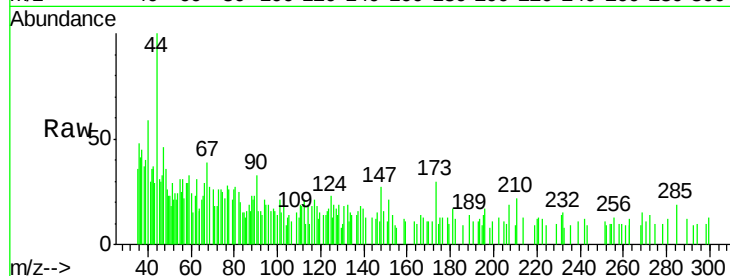




#71
Bromoform
Concen: 0.055 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

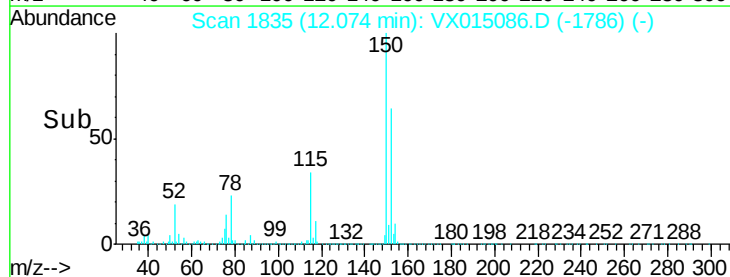
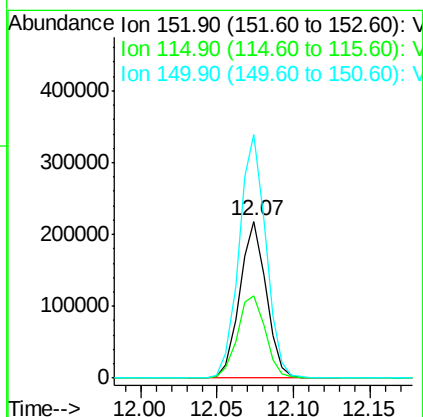
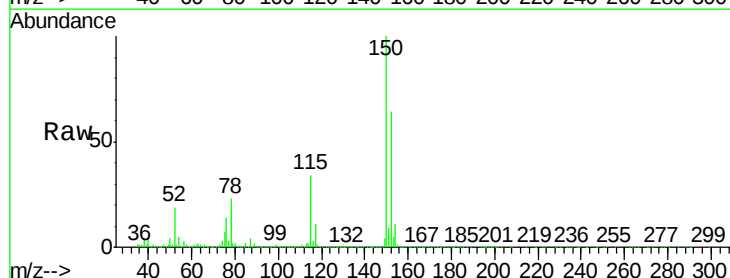
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBL01

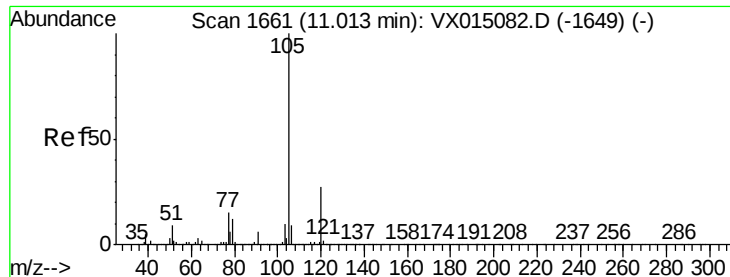
Tgt Ion:173 Resp: 181
Ion Ratio Lower Upper
173 100
175 0.0 24.9 74.7#
254 51.9 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Tgt Ion:152 Resp: 261811
Ion Ratio Lower Upper
152 100
115 55.0 38.2 114.6
150 156.7 0.0 343.8





#73

Isopropylbenzene

Concen: 0.038 ug/l

RT: 10.87 min Scan# 1637

Delta R.T. -0.15 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampled :

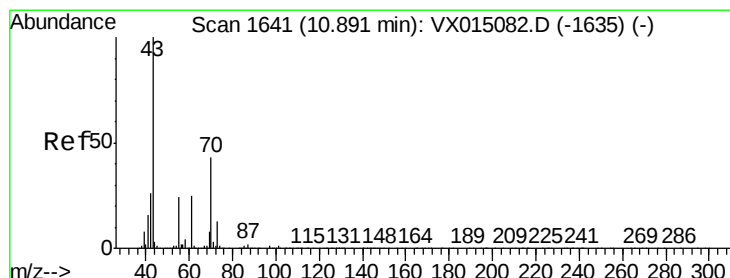
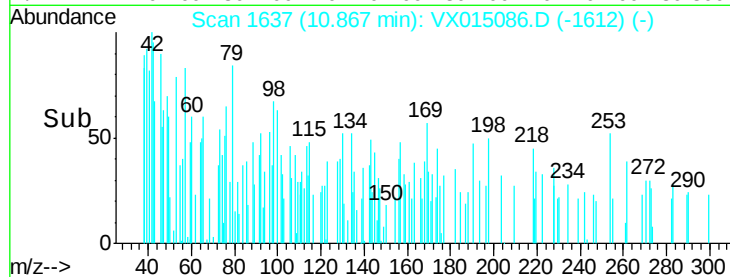
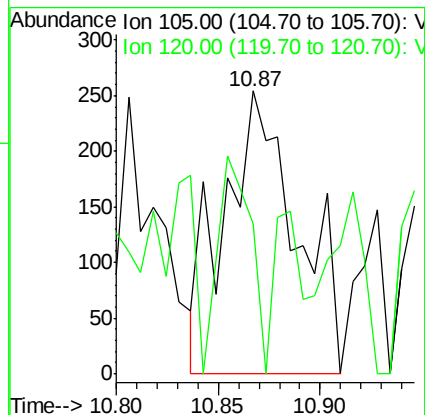
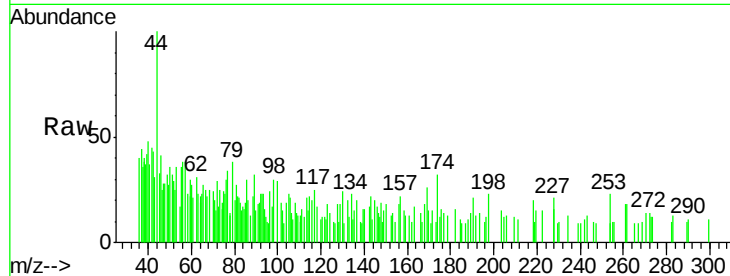
VX0304WBL01

Tgt Ion: 105 Resp: 631

Ion Ratio Lower Upper

105 100

120 34.7 13.5 40.5



#74

N-ethyl acetate

Concen: 0.048 ug/l

RT: 10.91 min Scan# 1644

Delta R.T. 0.02 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Tgt Ion: 43 Resp: 340

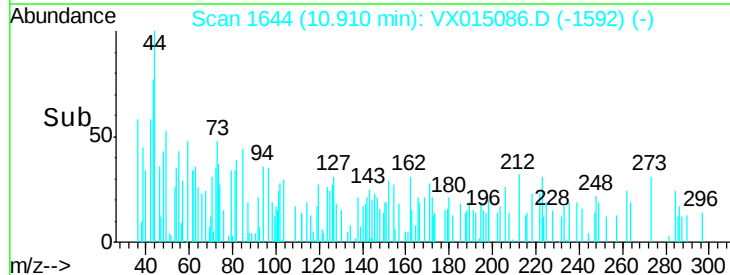
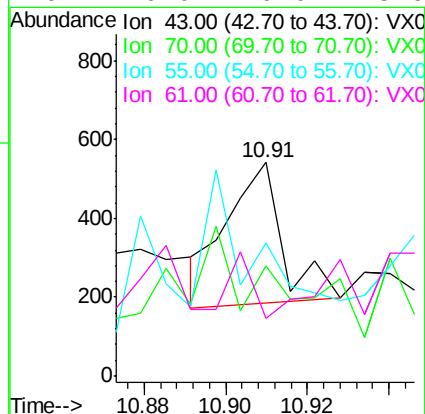
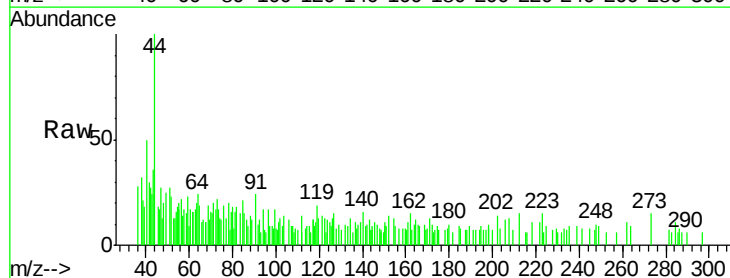
Ion Ratio Lower Upper

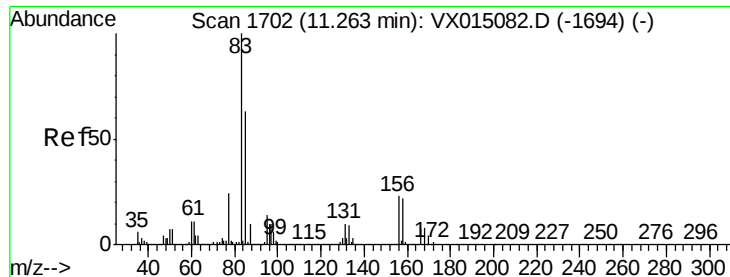
43 100

70 76.5 34.7 52.1#

55 165.6 19.4 29.0#

61 0.0 19.0 28.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.095 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBL01

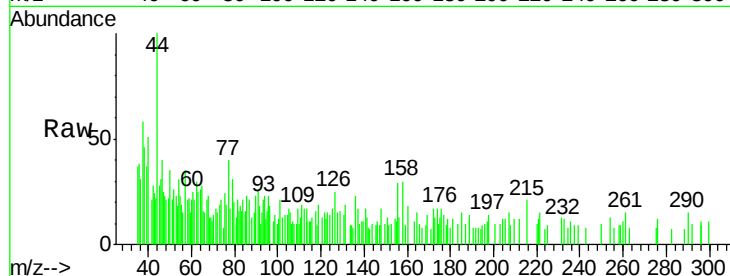
Tgt Ion: 83 Resp: 528

Ion Ratio Lower Upper

83 100

131 52.3 5.0 14.9#

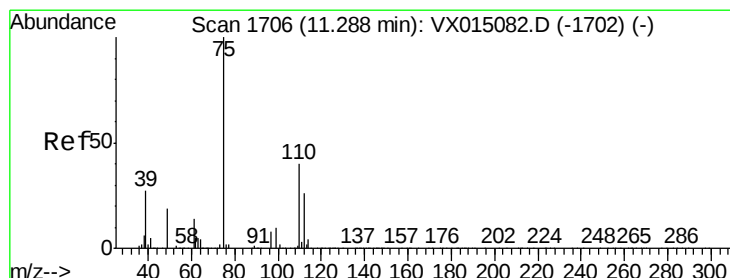
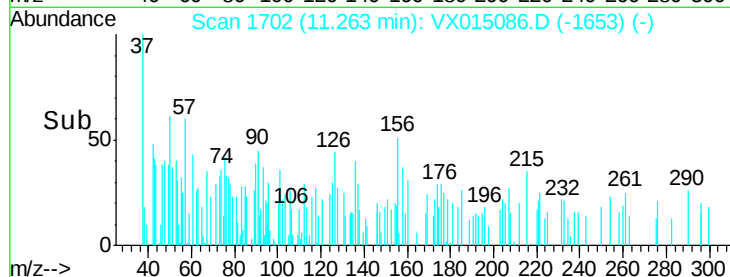
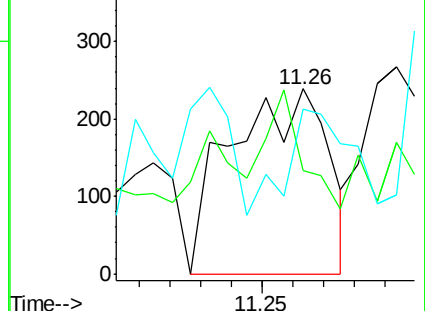
85 35.0 31.9 95.9



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: 23.760 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX015086.D

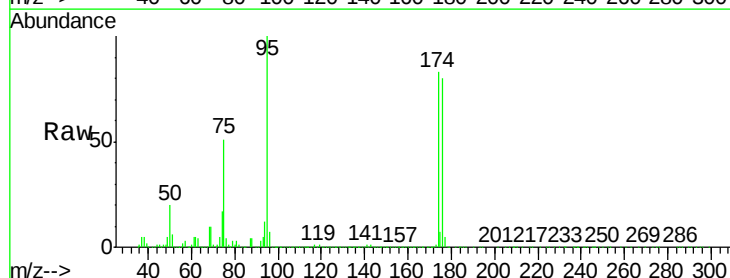
Acq: 04 Mar 2020 14:32

Tgt Ion: 75 Resp: 124082

Ion Ratio Lower Upper

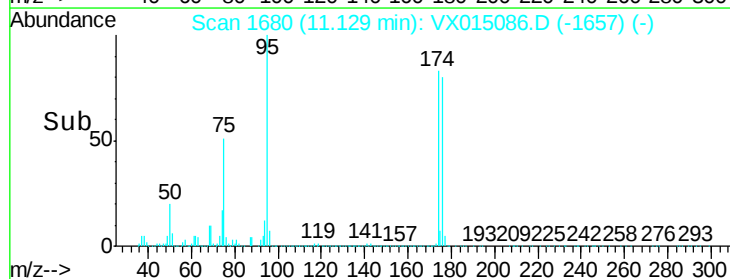
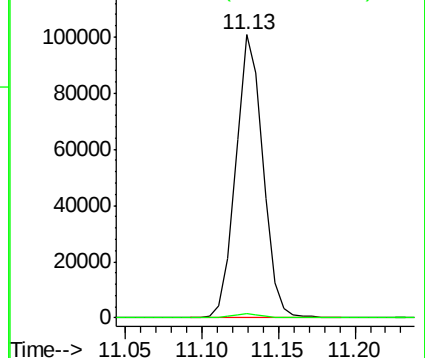
75 100

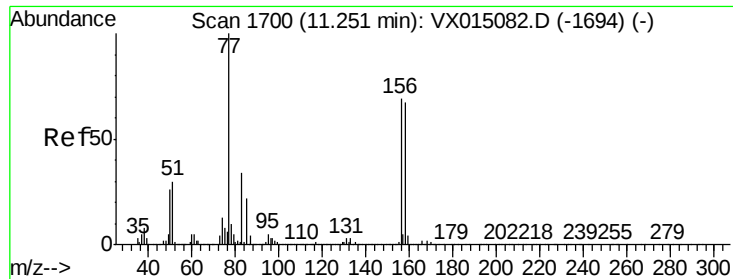
77 1.6 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.203 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampled :

VX0304WBL01

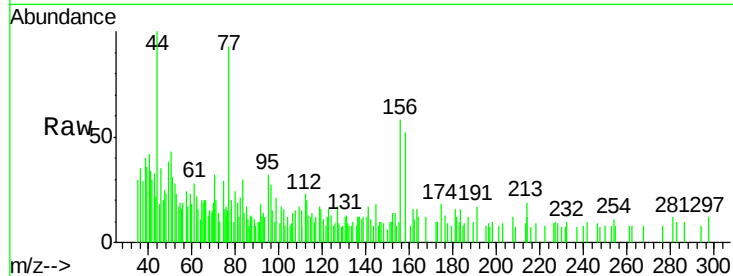
Tgt Ion:156 Resp: 945

Ion Ratio Lower Upper

156 100

77 129.7 75.3 225.9

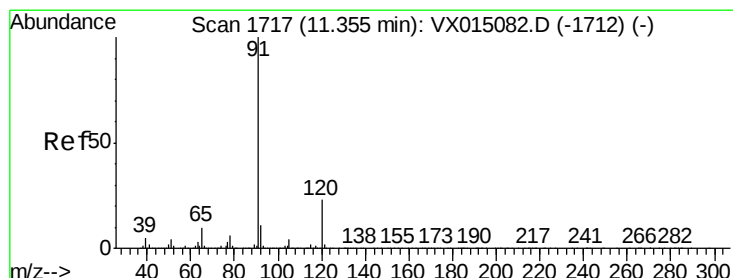
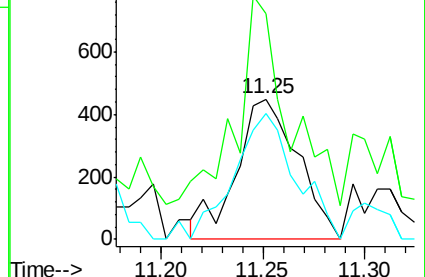
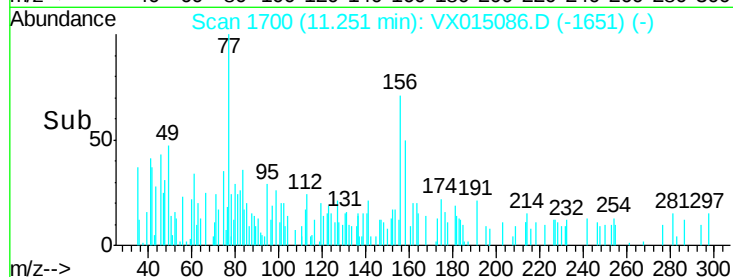
158 92.0 48.5 145.6



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: 0.068 ug/l

RT: 11.36 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VX015086.D

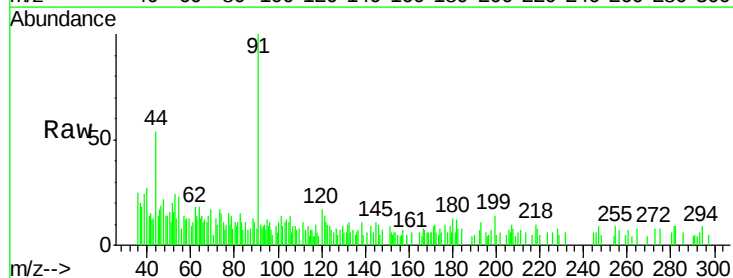
Acq: 04 Mar 2020 14:32

Tgt Ion: 91 Resp: 1293

Ion Ratio Lower Upper

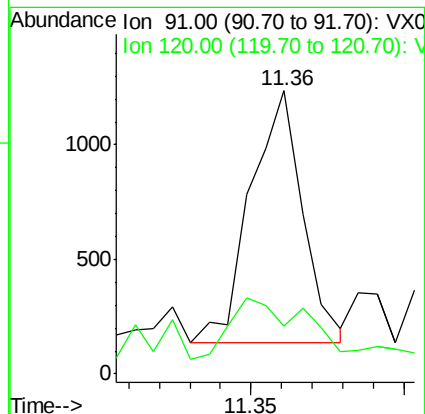
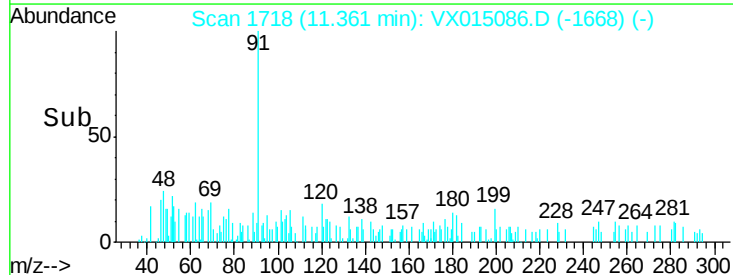
91 100

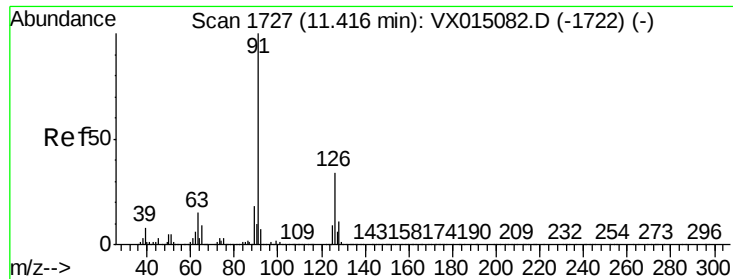
120 35.7 11.7 35.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

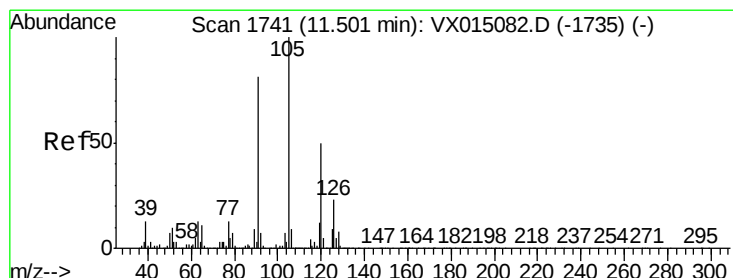
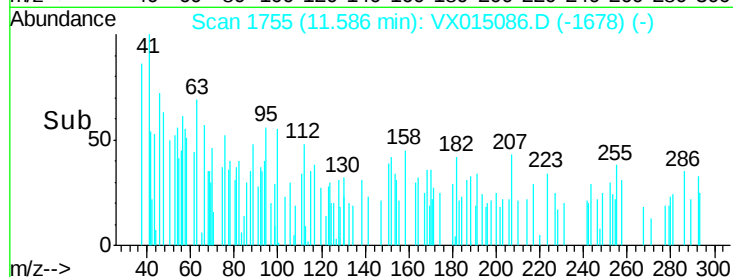
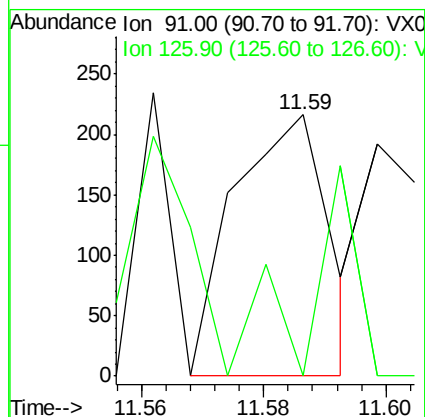
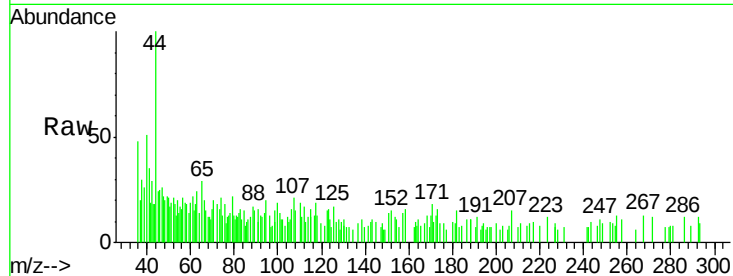




#79
2-Chlorotoluene
Concen: 0.020 ug/l
RT: 11.59 min Scan# 1755
Delta R.T. 0.17 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

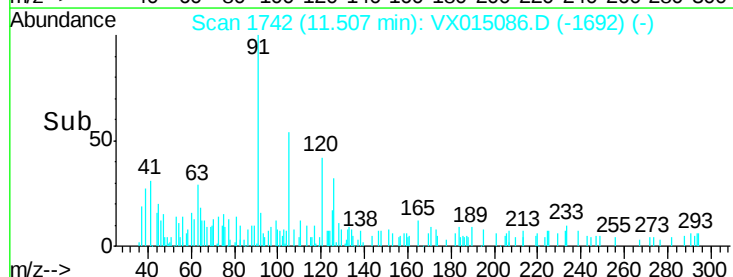
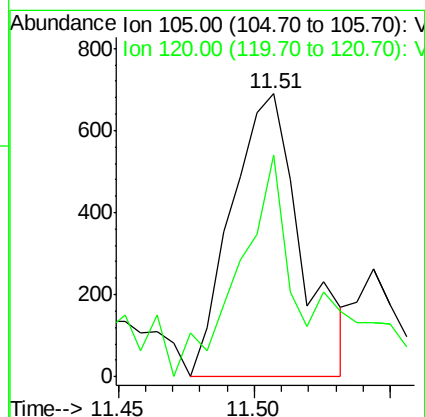
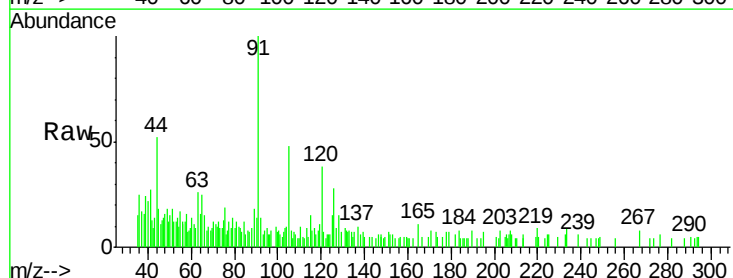
Instrument :
MSVOA_X
ClientSampled :
VX0304WBL01

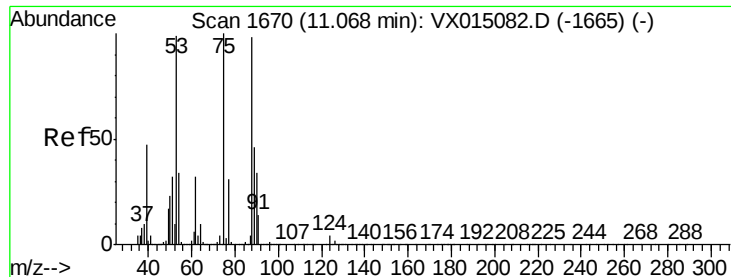
Tgt Ion: 91 Resp: 232
Ion Ratio Lower Upper
91 100
126 42.2 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 0.088 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Tgt Ion: 105 Resp: 1223
Ion Ratio Lower Upper
105 100
120 55.4 25.1 75.4

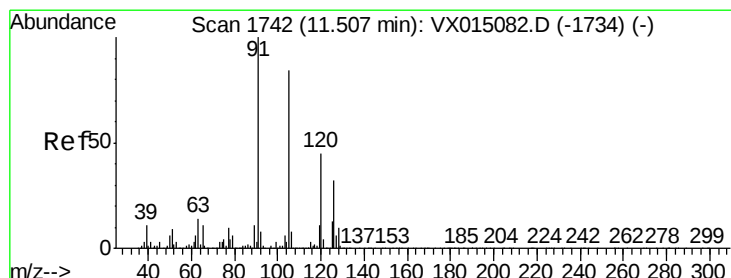
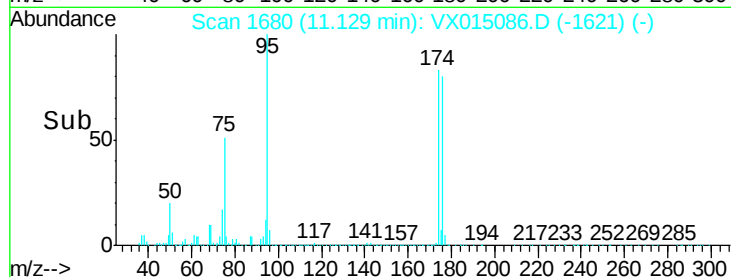
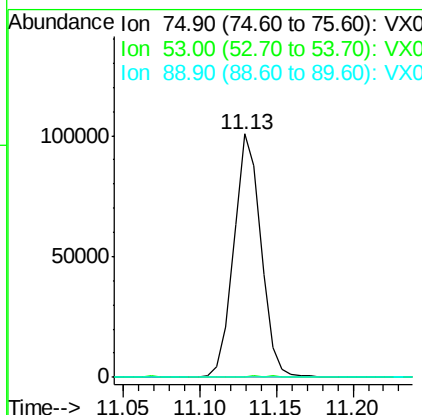
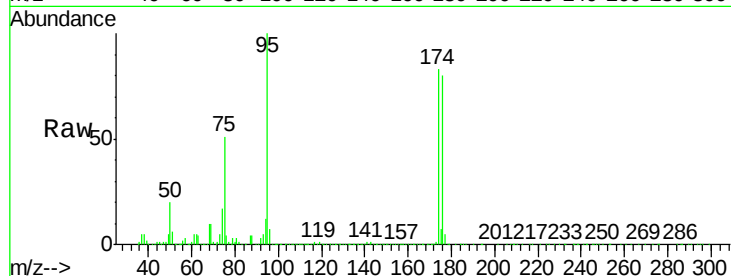




#81
trans-1,4-Dichloro-2-butene
Concen: 67.431 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

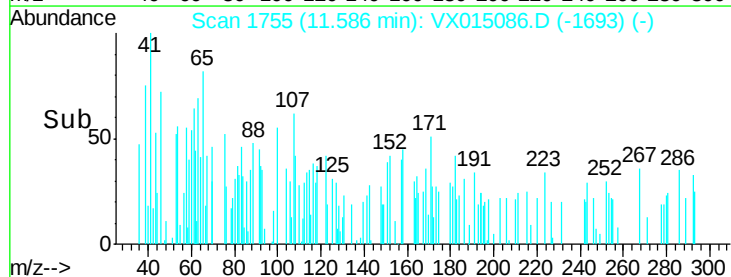
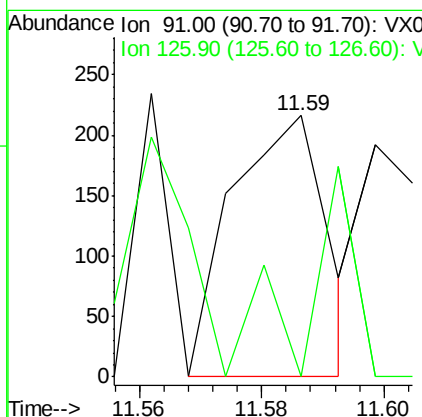
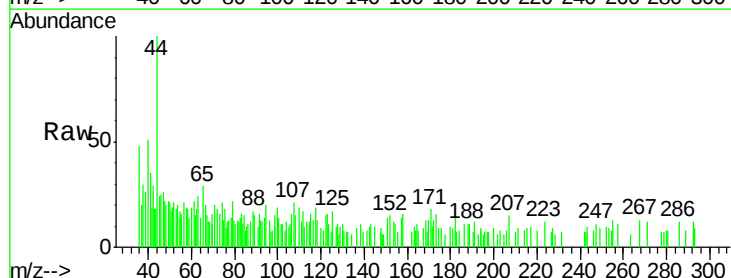
Instrument :
MSVOA_X
ClientSampled :
VX0304WBL01

Tgt Ion: 75 Resp: 124082
Ion Ratio Lower Upper
75 100
53 0.3 77.9 116.9#
89 0.2 36.2 54.2#



#82
4-Chlorotoluene
Concen: 0.017 ug/l
RT: 11.59 min Scan# 1755
Delta R.T. 0.08 min
Lab File: VX015086.D
Acq: 04 Mar 2020 14:32

Tgt Ion: 91 Resp: 232
Ion Ratio Lower Upper
91 100
126 42.2 15.4 46.2





#83

tert-Butylbenzene

Concen: 0.028 ug/l

RT: 11.57 min Scan# 1752

Delta R.T. -0.20 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

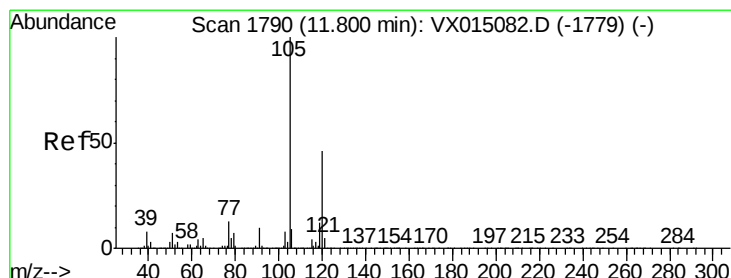
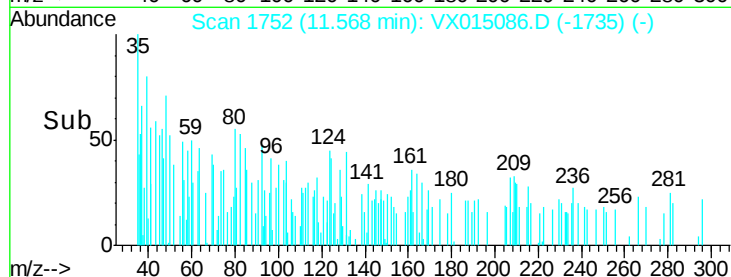
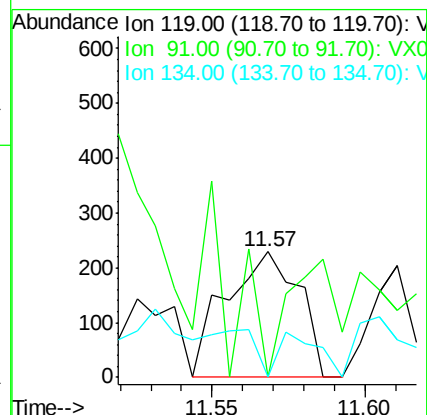
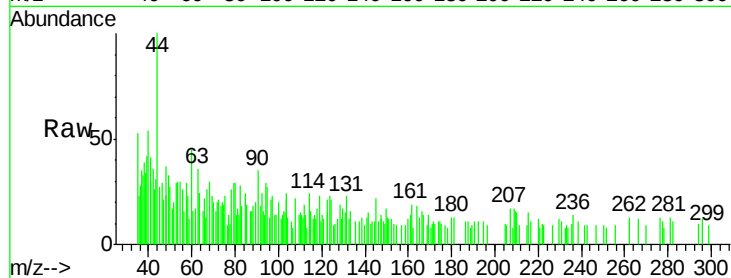
Instrument :

MSVOA_X

ClientSampled :

VX0304WBL01

Tgt Ion:	119	Resp:	380
Ion	Ratio	Lower	Upper
119	100		
91	61.1	28.5	85.6
134	18.9	11.9	35.7



#84

1,2,4-Trimethylbenzene

Concen: 0.022 ug/l

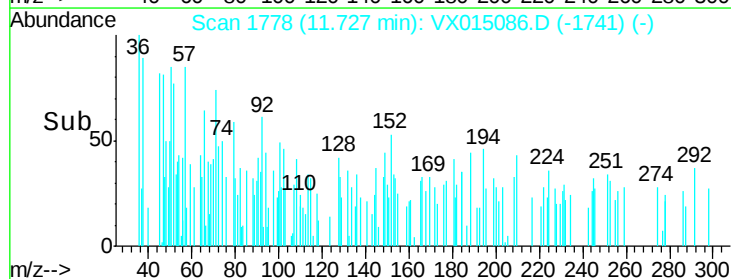
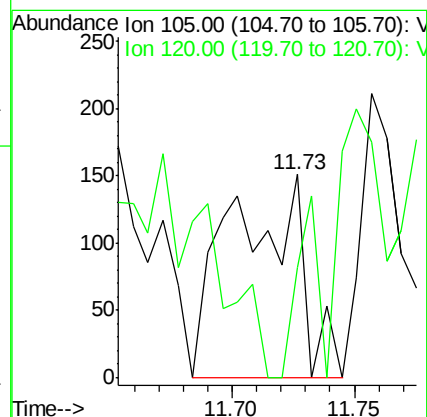
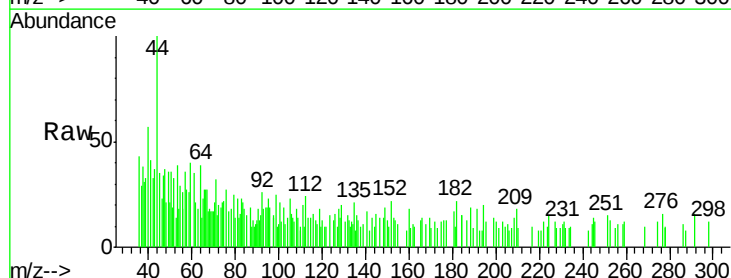
RT: 11.73 min Scan# 1778

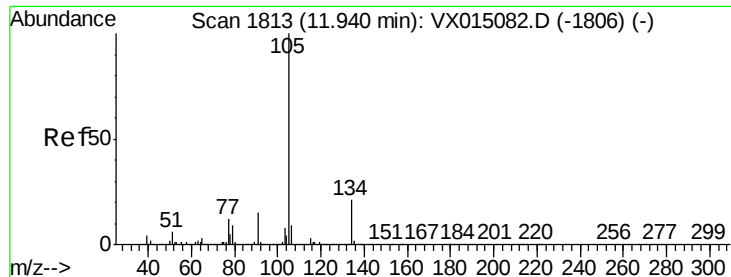
Delta R.T. -0.07 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Tgt Ion:	105	Resp:	306
Ion	Ratio	Lower	Upper
105	100		
120	25.8	22.9	68.5





#85

sec-Butylbenzene

Concen: 0.097 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

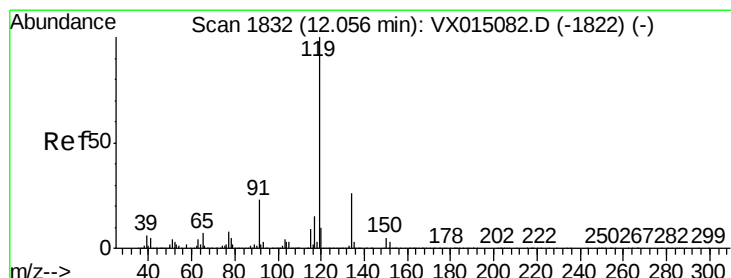
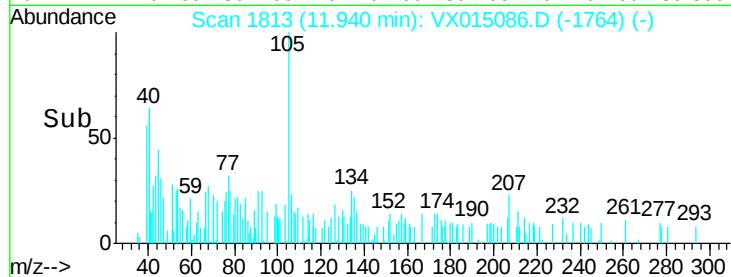
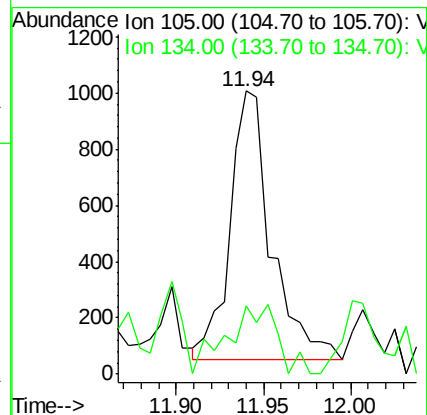
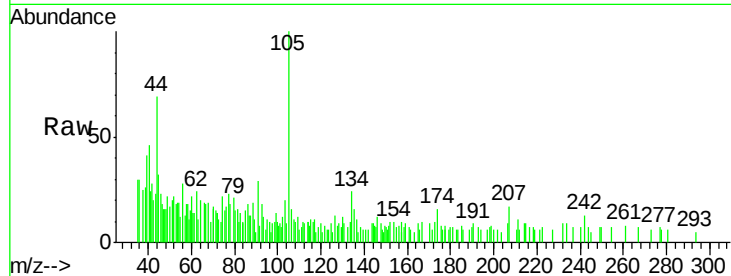
VX0304WBL01

Tgt Ion:105 Resp: 1572

Ion Ratio Lower Upper

105 100

134 31.7 10.4 31.2#



#86

p-Isopropyltoluene

Concen: 0.091 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

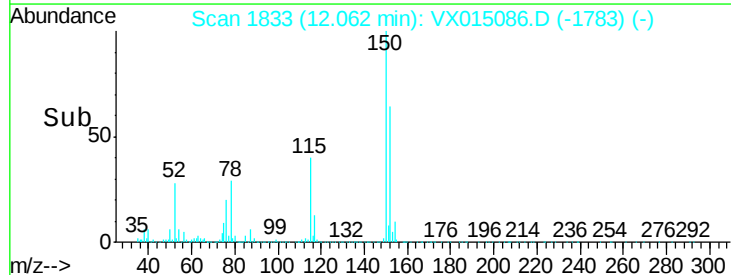
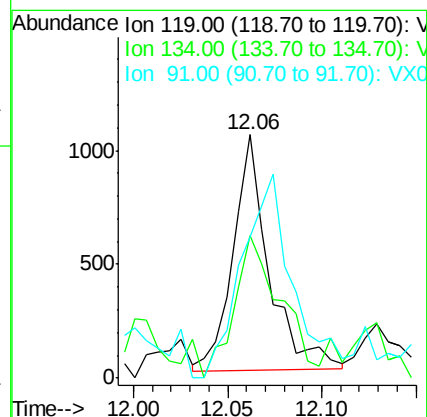
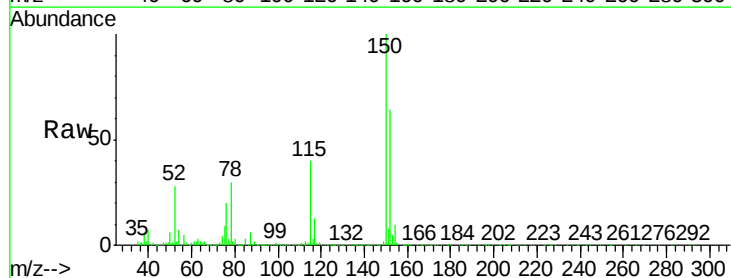
Tgt Ion:119 Resp: 1369

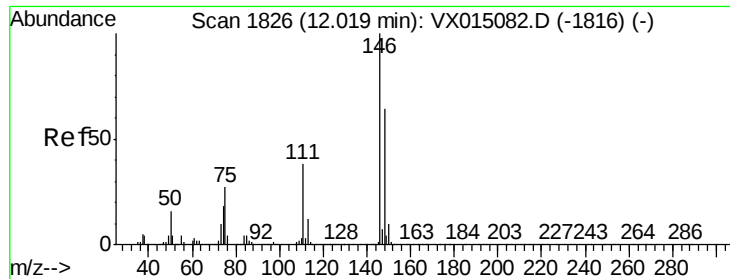
Ion Ratio Lower Upper

119 100

134 77.7 13.4 40.1#

91 122.9 11.3 33.8#





#87

1,3-Dichlorobenzene

Concen: 0.240 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

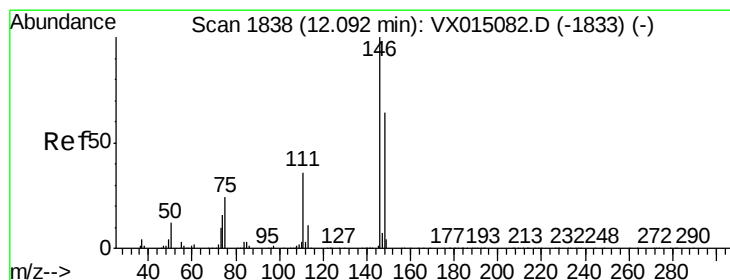
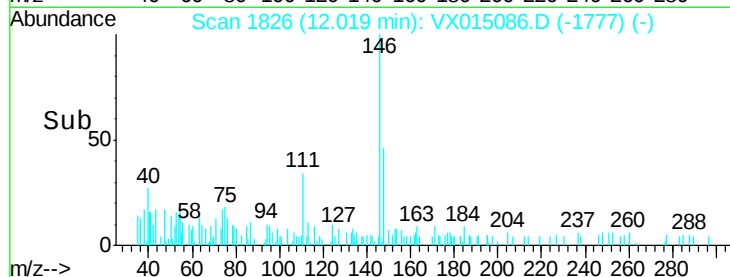
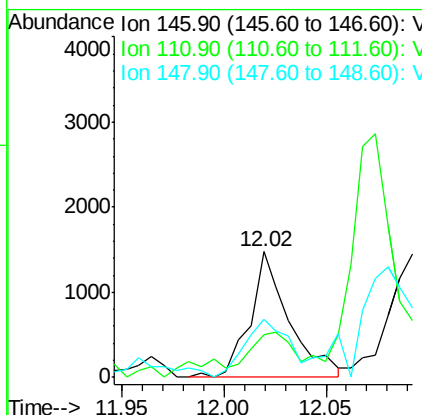
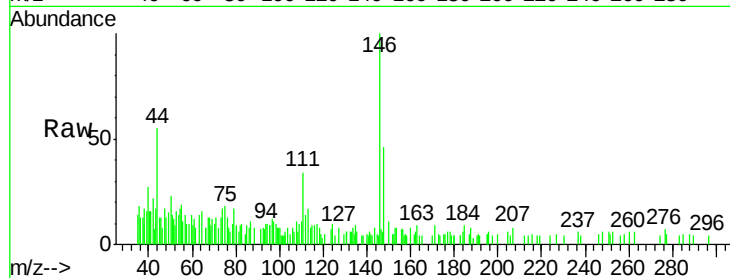
Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBL01

Tgt Ion:146 Resp: 1970

Ion	Ratio	Lower	Upper
146	100		
111	53.4	19.1	57.1
148	55.5	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 0.233 ug/l

RT: 12.02 min Scan# 1826

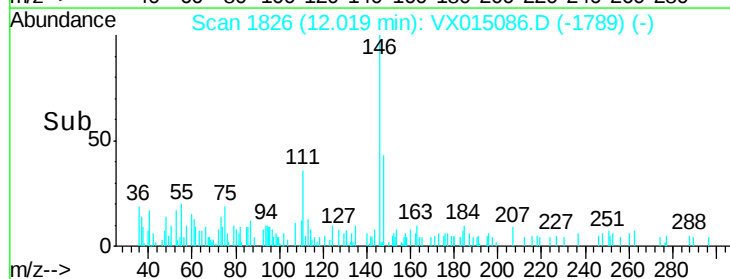
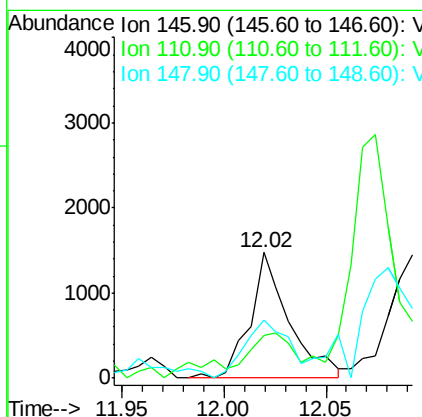
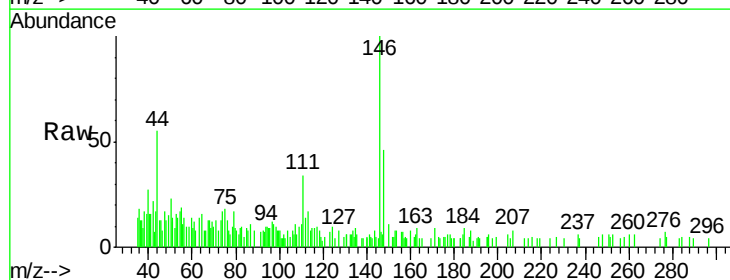
Delta R.T. -0.07 min

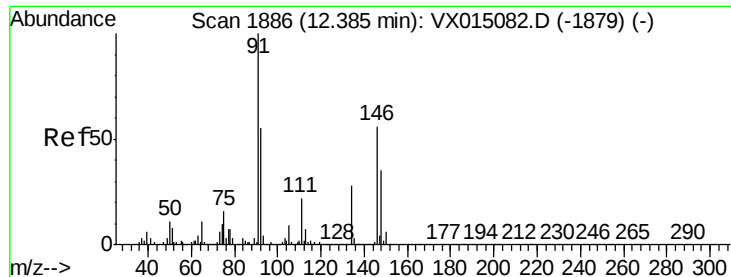
Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Tgt Ion:146 Resp: 1970

Ion	Ratio	Lower	Upper
146	100		
111	53.4	18.7	56.1
148	55.5	32.5	97.4





#89

n-Butylbenzene

Concen: 0.132 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBL01

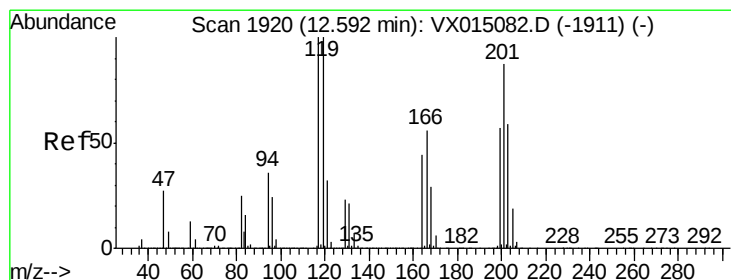
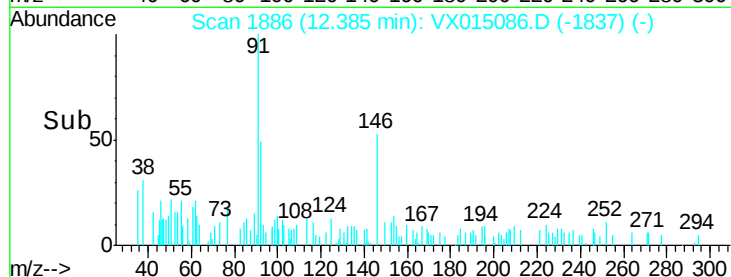
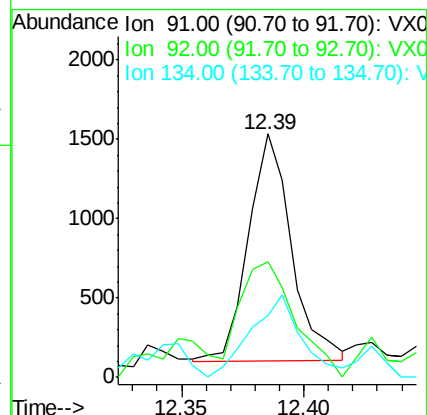
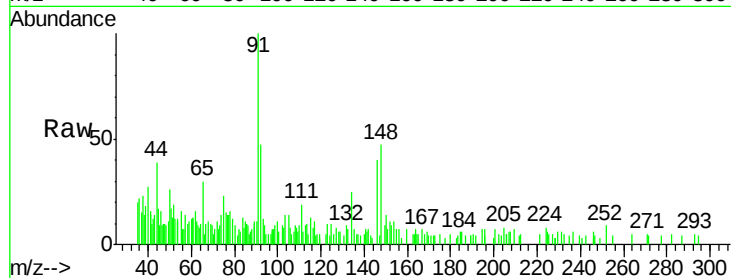
Tgt Ion: 91 Resp: 1759

Ion Ratio Lower Upper

91 100

92 64.4 27.2 81.6

134 42.9 13.5 40.5#



#90

Hexachloroethane

Concen: 0.045 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX015086.D

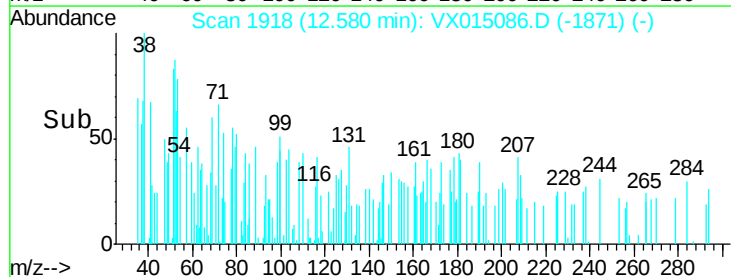
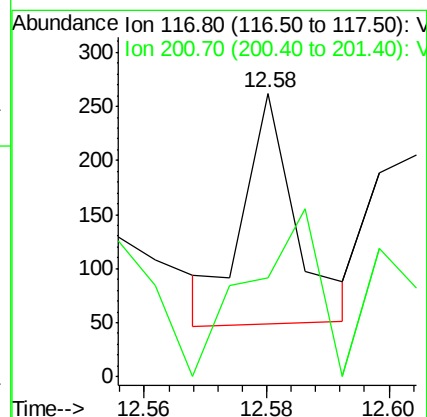
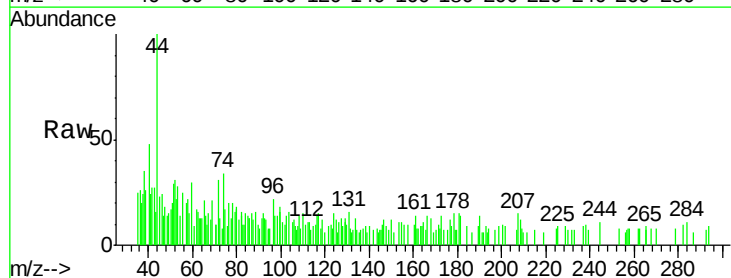
Acq: 04 Mar 2020 14:32

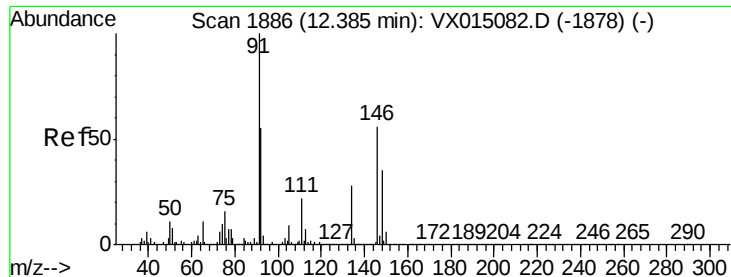
Tgt Ion: 117 Resp: 126

Ion Ratio Lower Upper

117 100

201 96.0 43.5 130.7

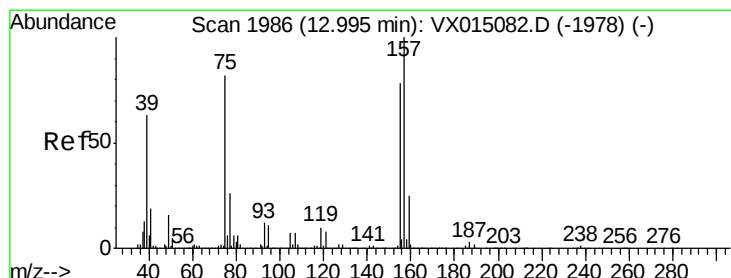
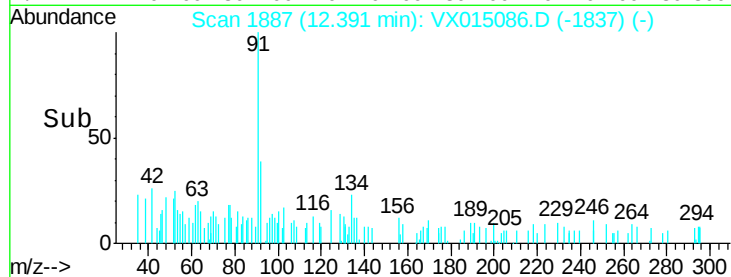
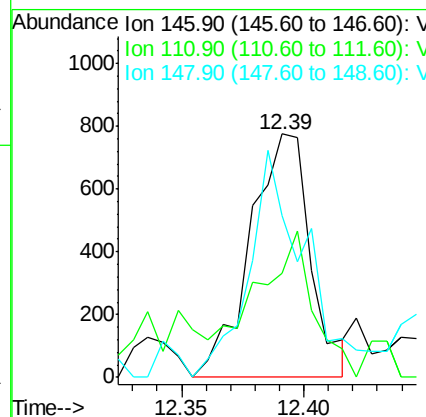
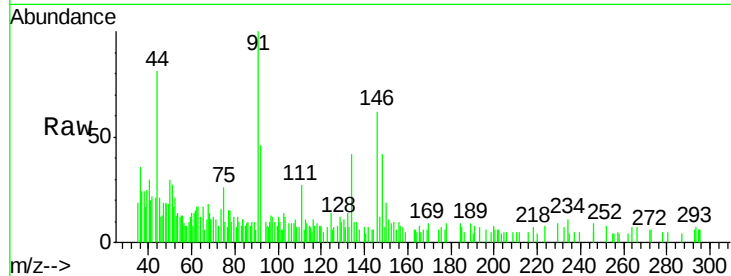




#91
 1,2-Dichlorobenzene
 Concen: 0.164 ug/l
 RT: 12.39 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: VX015086.D
 Acq: 04 Mar 2020 14:32

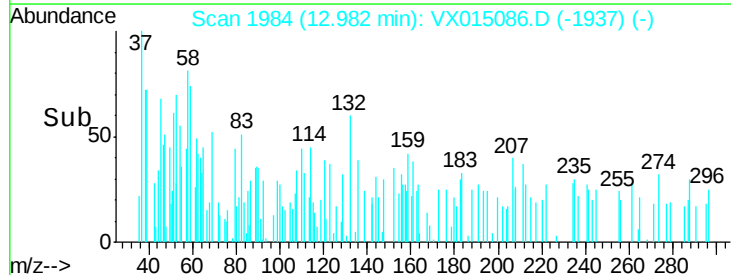
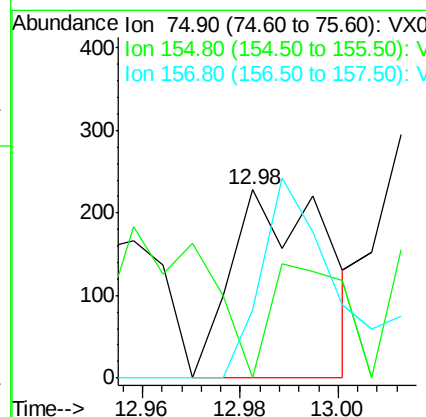
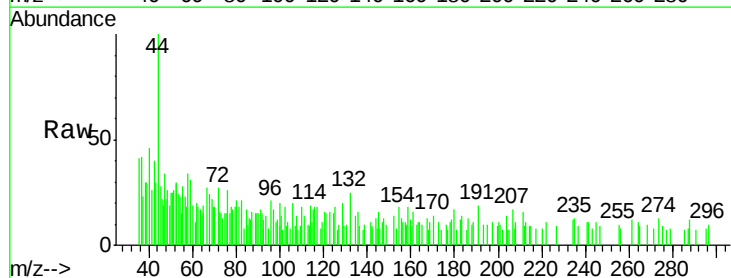
Instrument :
 MSVOA_X
 ClientSampled :
 VX0304WBL01

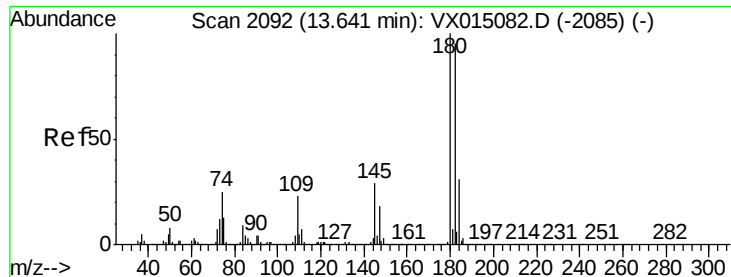
Tgt Ion: 146 Resp: 1334
 Ion Ratio Lower Upper
 146 100
 111 58.7 19.9 59.7
 148 88.3 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.274 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: VX015086.D
 Acq: 04 Mar 2020 14:32

Tgt Ion: 75 Resp: 306
 Ion Ratio Lower Upper
 75 100
 155 46.1 46.6 139.7#
 157 78.1 59.2 177.5

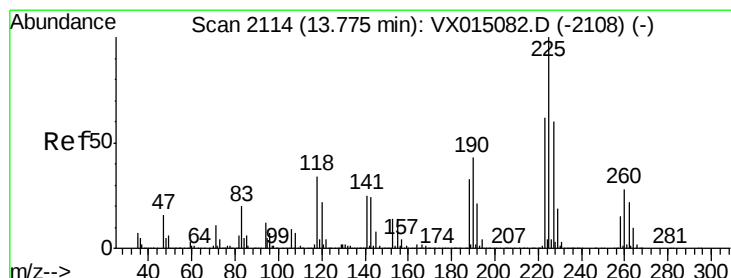
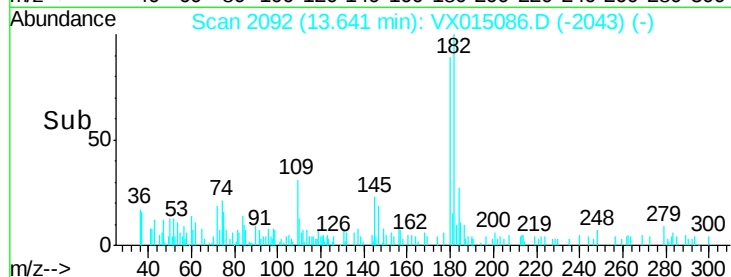
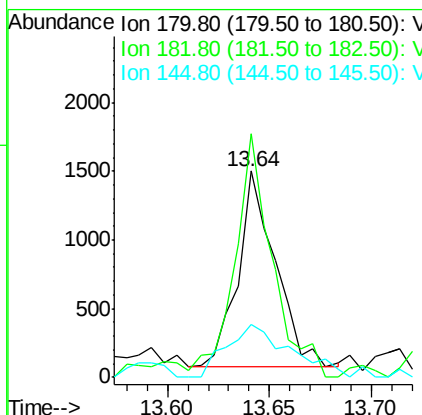
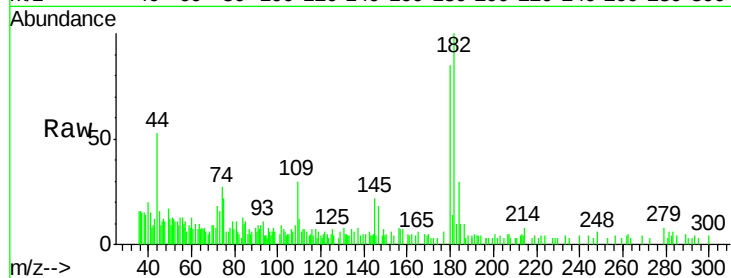




#93
 1,2,4-Trichlorobenzene
 Concen: 0.319 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015086.D
 Acq: 04 Mar 2020 14:32

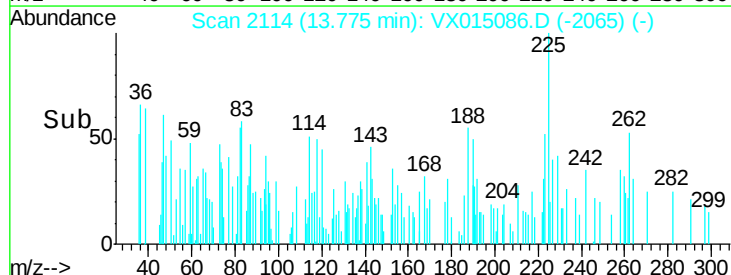
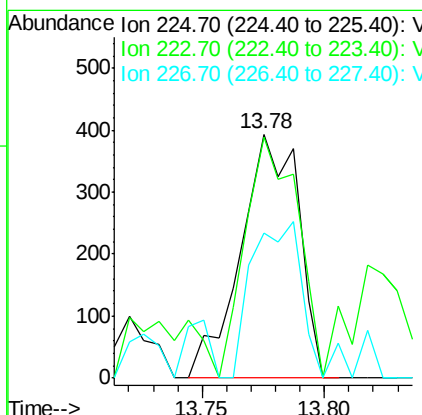
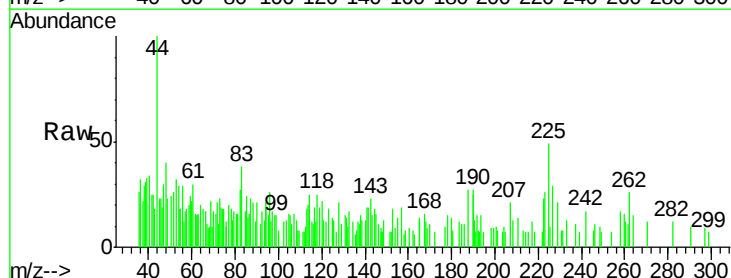
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBL01

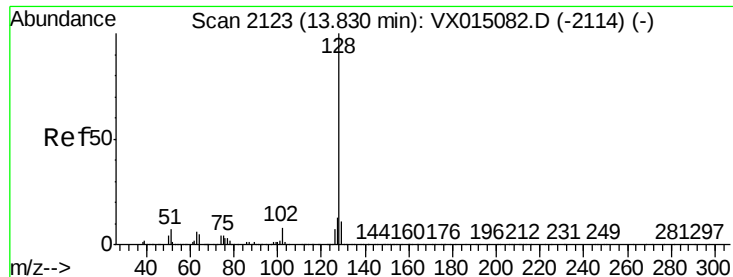
Tgt Ion:180 Resp: 1804
 Ion Ratio Lower Upper
 180 100
 182 124.7 47.6 142.8
 145 46.3 14.1 42.2#



#94
 Hexachlorobutadiene
 Concen: 0.222 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015086.D
 Acq: 04 Mar 2020 14:32

Tgt Ion:225 Resp: 645
 Ion Ratio Lower Upper
 225 100
 223 89.1 31.3 93.9
 227 54.4 31.1 93.2





#95

Naphthalene

Concen: 1.670 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBL01

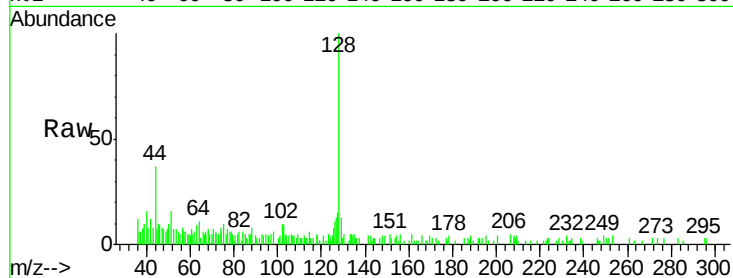
Tgt Ion:128 Resp: 4465

Ion Ratio Lower Upper

128 100

127 20.6 10.3 15.5#

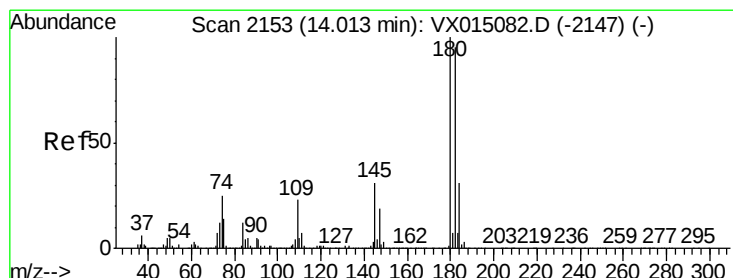
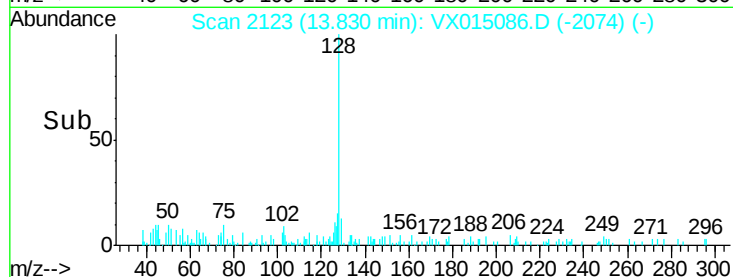
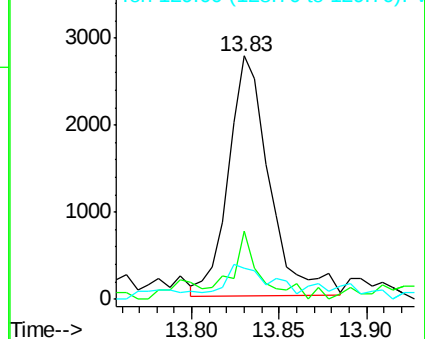
129 12.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.409 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015086.D

Acq: 04 Mar 2020 14:32

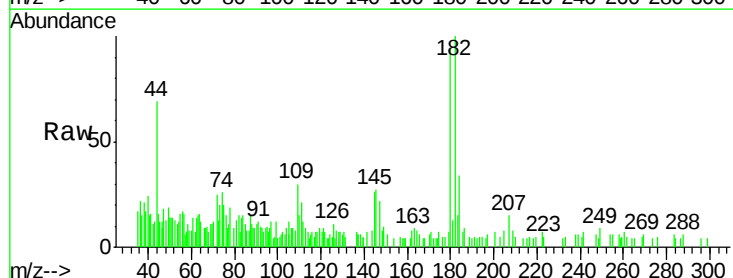
Tgt Ion:180 Resp: 2308

Ion Ratio Lower Upper

180 100

182 93.6 47.8 143.4

145 30.2 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

