

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX123119\
 Data File : VX014373.D
 Acq On : 31 Dec 2019 12:24
 Operator : JC/SP
 Sample : VX1231WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

Quant Time: Jan 01 03:15:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	456878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	711016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	638024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314308	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	275073	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	5.49	113	229814	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
50) Toluene-d8	8.71	98	872929	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	11.13	95	311161	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	67272	16.459	ug/l 98
3) Chloromethane	1.32	50	101413	18.488	ug/l 99
4) Vinyl Chloride	1.40	62	106592	18.416	ug/l 96
5) Bromomethane	1.64	94	64709	15.752	ug/l 98
6) Chloroethane	1.72	64	72732	20.360	ug/l 95
7) Trichlorofluoromethane	1.92	101	137899	19.246	ug/l 99
8) Diethyl Ether	2.18	74	65296	19.418	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84529	19.571	ug/l 99
10) Methyl Iodide	2.50	142	79424	15.834	ug/l 98
11) Tert butyl alcohol	3.03	59	112680	100.709	ug/l 98
12) 1,1-Dichloroethene	2.37	96	83948	19.101	ug/l 97
13) Acrolein	2.28	56	56719	88.558	ug/l 96
14) Allyl chloride	2.72	41	158121	20.151	ug/l 98
15) Acrylonitrile	3.13	53	282059	108.006	ug/l 99
16) Acetone	2.43	43	313933	93.386	ug/l 99
17) Carbon Disulfide	2.56	76	201399	17.009	ug/l 99
18) Methyl Acetate	2.76	43	144647	21.714	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	295639	20.471	ug/l 99
20) Methylene Chloride	2.85	84	103086	19.473	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	89748	18.536	ug/l 99
22) Diisopropyl ether	3.84	45	332331	21.253	ug/l 99
23) Vinyl Acetate	3.80	43	1372853	107.585	ug/l 99
24) 1,1-Dichloroethane	3.69	63	174604	20.070	ug/l 98
25) 2-Butanone	4.66	43	425537	102.674	ug/l 99
26) 2,2-Dichloropropane	4.57	77	133729	19.798	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	108476	19.810	ug/l 99
28) Bromochloromethane	5.01	49	81575	24.614	ug/l 97
29) Tetrahydrofuran	5.11	42	252758	109.034	ug/l 97
30) Chloroform	5.20	83	168490	20.430	ug/l 100
31) Cyclohexane	5.57	56	151343	19.559	ug/l 94
32) 1,1,1-Trichloroethane	5.49	97	137230	19.524	ug/l 99
36) 1,1-Dichloropropene	5.79	75	120337	18.445	ug/l 100
37) Ethyl Acetate	4.82	43	149010	20.683	ug/l 99
38) Carbon Tetrachloride	5.78	117	114248	19.223	ug/l 97

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 Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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 ClientSampleId :
 VX1231WBS01

Quant Time: Jan 01 03:15:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147507	18.311	ug/l	97
40) Benzene	6.14	78	393542	19.605	ug/l	99
41) Methacrylonitrile	5.03	41	82076	20.533	ug/l	98
42) 1,2-Dichloroethane	6.18	62	134284	19.735	ug/l	98
43) Isopropyl Acetate	6.43	43	242415	20.332	ug/l	99
44) Trichloroethene	7.21	130	104716	18.887	ug/l	95
45) 1,2-Dichloropropane	7.51	63	109263	21.237	ug/l	95
46) Dibromomethane	7.65	93	66869	19.658	ug/l	98
47) Bromodichloromethane	7.89	83	126808	19.794	ug/l	96
48) Methyl methacrylate	7.76	41	115345	19.757	ug/l	99
49) 1,4-Dioxane	7.73	88	46690	392.981	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	780928	104.295	ug/l	98
52) Toluene	8.78	92	244413	19.264	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	136130	19.379	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	154565	19.750	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	102926	20.240	ug/l	97
56) Ethyl methacrylate	9.17	69	155500	19.467	ug/l	98
57) 1,3-Dichloropropane	9.37	76	171232	20.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	303589	100.429	ug/l	100
59) 2-Hexanone	9.48	43	605005	100.372	ug/l	99
60) Dibromochloromethane	9.57	129	102376	20.254	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104260	20.039	ug/l	98
64) Tetrachloroethene	9.33	164	110706	19.609	ug/l	99
65) Chlorobenzene	10.14	112	262914	19.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	95039	19.621	ug/l	99
67) Ethyl Benzene	10.25	91	453995	19.466	ug/l	98
68) m/p-Xylenes	10.35	106	347186	38.704	ug/l	99
69) o-Xylene	10.70	106	167357	19.023	ug/l	98
70) Styrene	10.71	104	286038	19.227	ug/l	99
71) Bromoform	10.85	173	72743	18.683	ug/l #	98
73) Isopropylbenzene	11.01	105	448667	20.274	ug/l	99
74) N-amyl acetate	10.89	43	200314	19.311	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	157689	20.553	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	172277	25.247	ug/l	88
77) Bromobenzene	11.25	156	114212	18.758	ug/l	99
78) n-propylbenzene	11.35	91	496859	20.017	ug/l	99
79) 2-Chlorotoluene	11.42	91	300471	19.913	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	366591	19.683	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45016	18.621	ug/l	91
82) 4-Chlorotoluene	11.51	91	338041	19.314	ug/l	100
83) tert-Butylbenzene	11.76	119	360592	19.895	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	375222	20.118	ug/l	98
85) sec-Butylbenzene	11.94	105	428088	20.007	ug/l	100
86) p-Isopropyltoluene	12.06	119	389112	19.881	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	197860	18.542	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	199892	18.423	ug/l	99
89) n-Butylbenzene	12.39	91	319892	19.155	ug/l	99
90) Hexachloroethane	12.59	117	66218	18.836	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	202460	18.847	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31824	18.744	ug/l	99

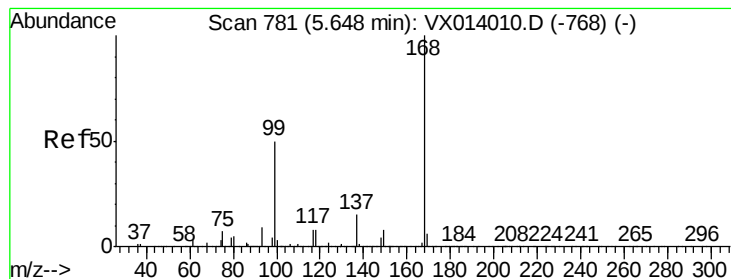
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX123119\
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Quant Time: Jan 01 03:15:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127271	18.229	ug/l	98
94) Hexachlorobutadiene	13.78	225	64791	19.309	ug/l	97
95) Naphthalene	13.83	128	397762	19.390	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	129064	18.726	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

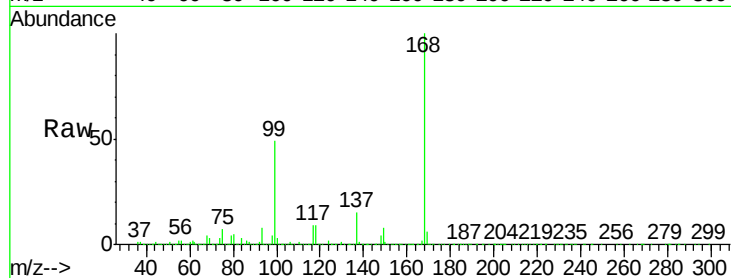
VX1231WBS01

Tgt Ion:168 Resp: 456878

Ion Ratio Lower Upper

168 100

99 49.0 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

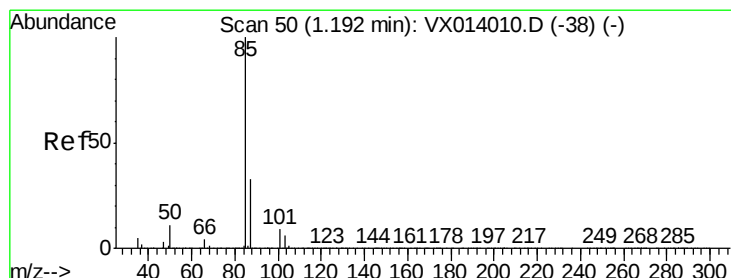
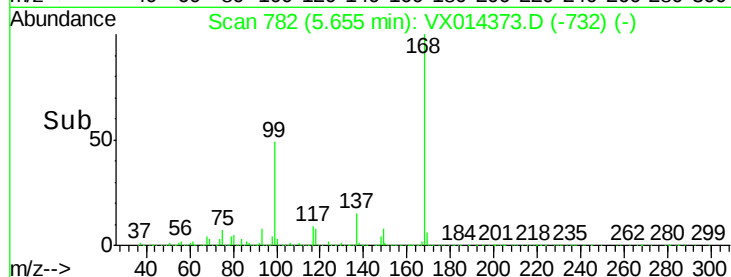
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.459 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014373.D

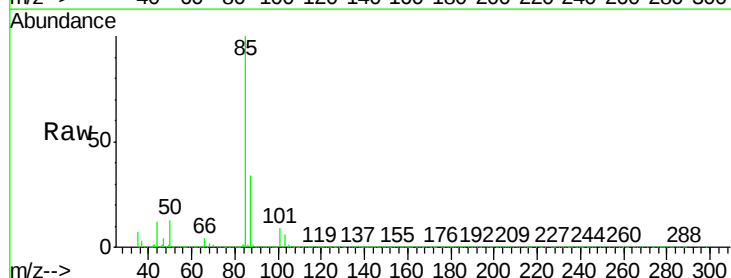
Acq: 31 Dec 2019 12:24

Tgt Ion: 85 Resp: 67272

Ion Ratio Lower Upper

85 100

87 33.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

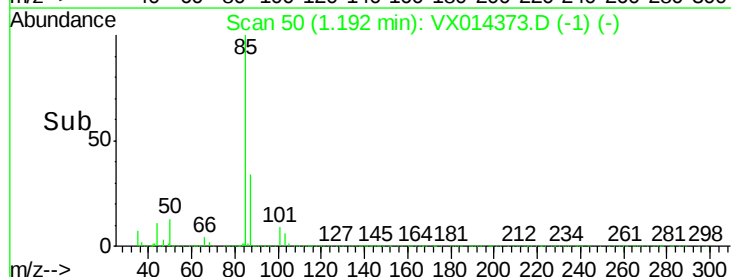
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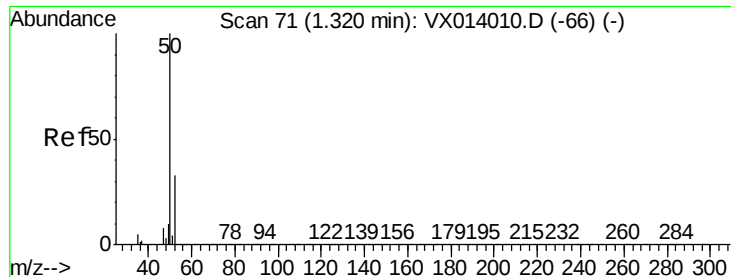
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Time-->

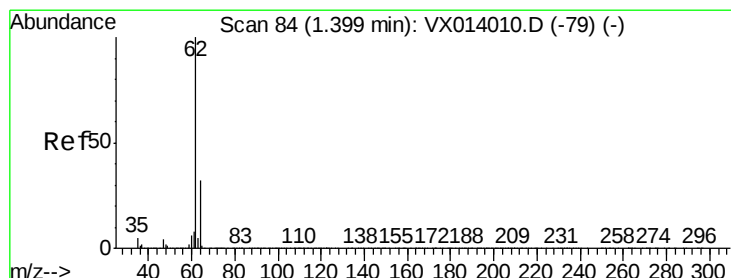
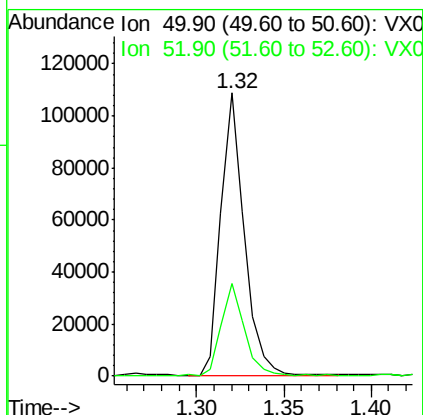
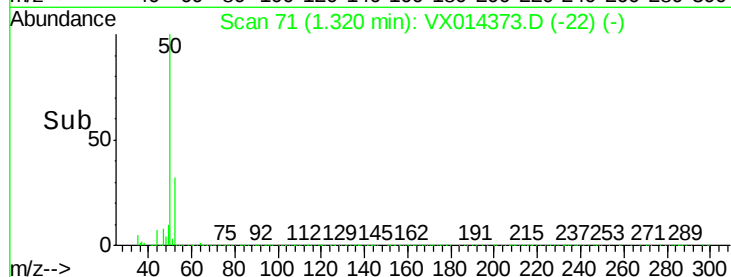
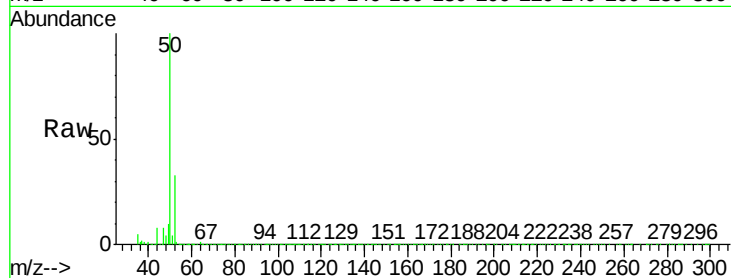




#3
Chloromethane
Concen: 18.488 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

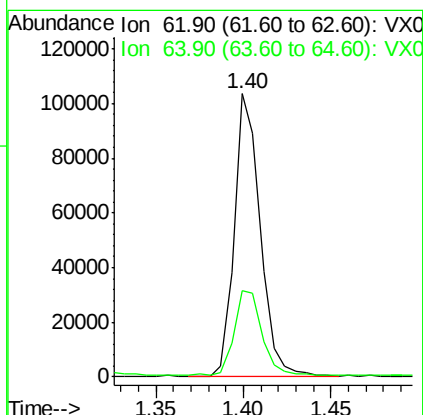
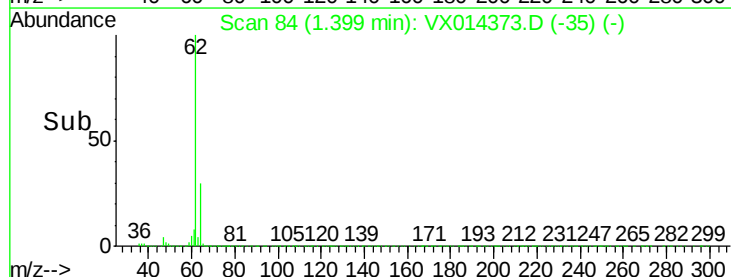
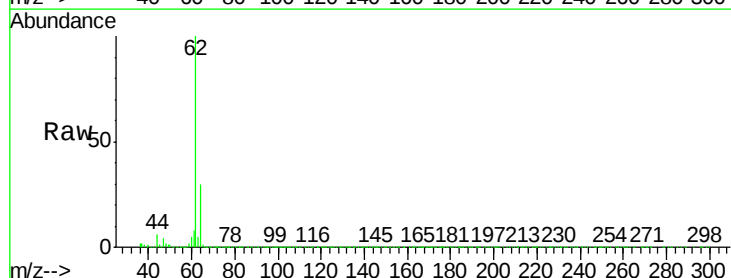
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

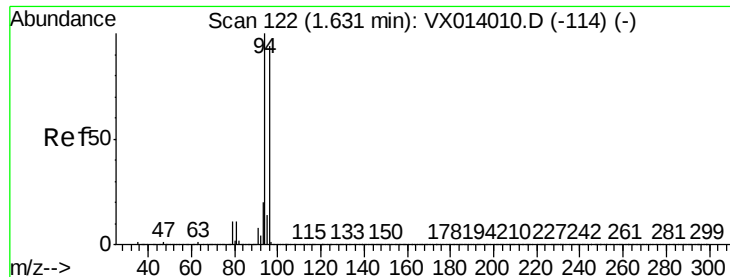
Tgt Ion: 50 Resp: 101413
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.4



#4
Vinyl Chloride
Concen: 18.416 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion: 62 Resp: 106592
Ion Ratio Lower Upper
62 100
64 29.9 25.7 38.5





#5

Bromomethane

Concen: 15.752 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

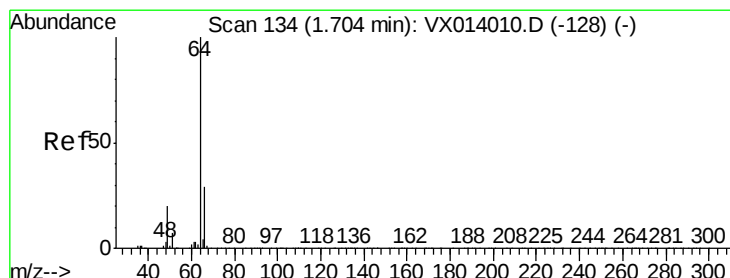
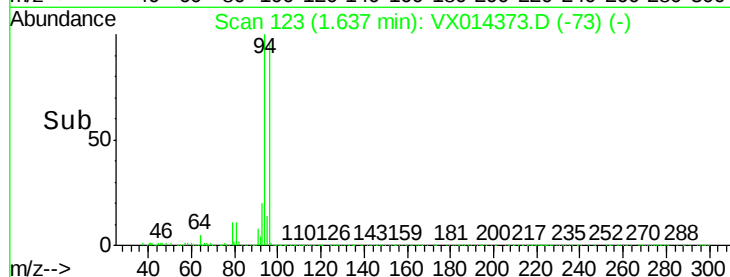
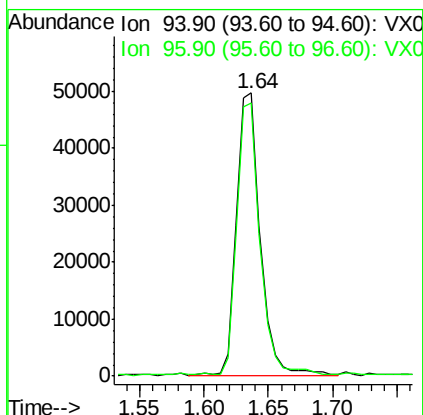
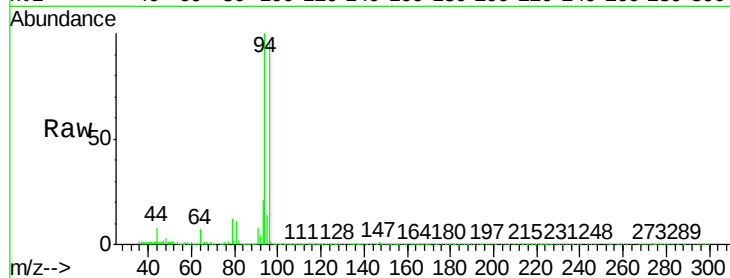
VX1231WBS01

Tgt Ion: 94 Resp: 64709

Ion Ratio Lower Upper

94 100

96 95.8 75.2 112.8



#6

Chloroethane

Concen: 20.360 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014373.D

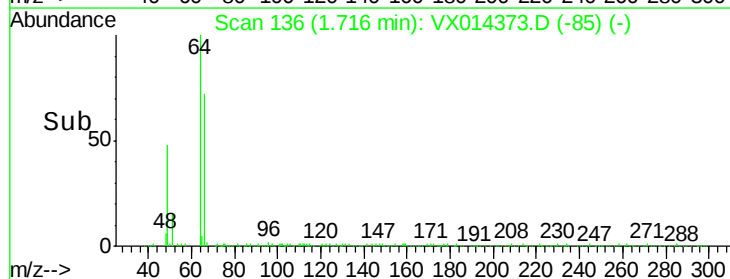
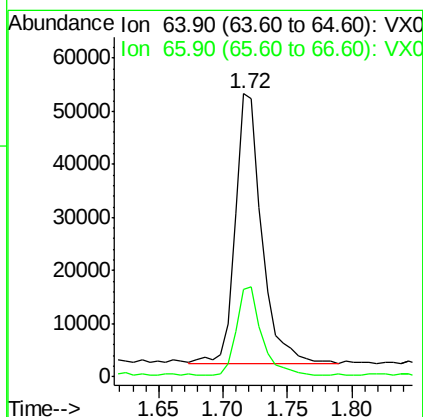
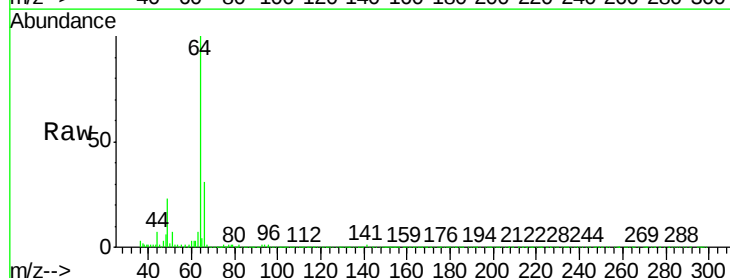
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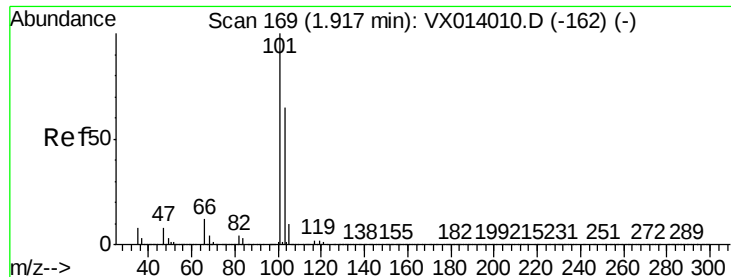
Tgt Ion: 64 Resp: 72732

Ion Ratio Lower Upper

64 100

66 31.7 23.4 35.2



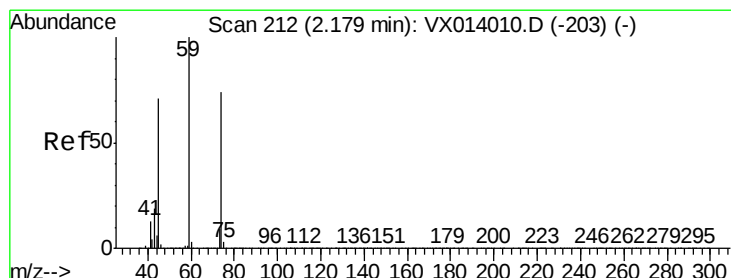
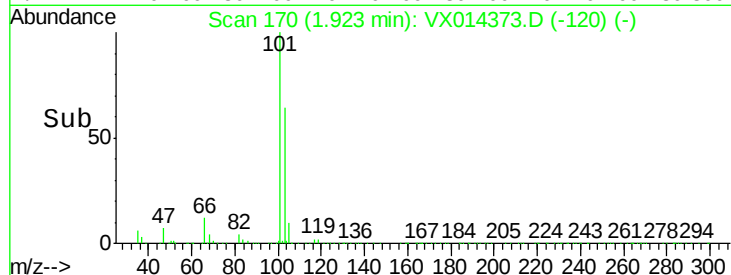
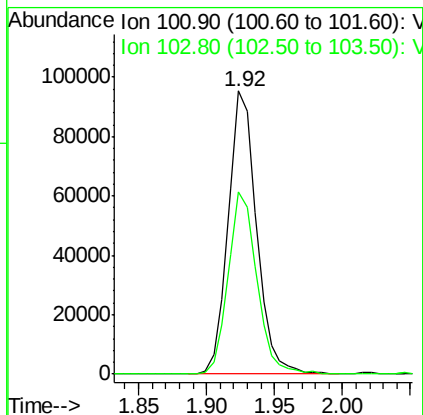
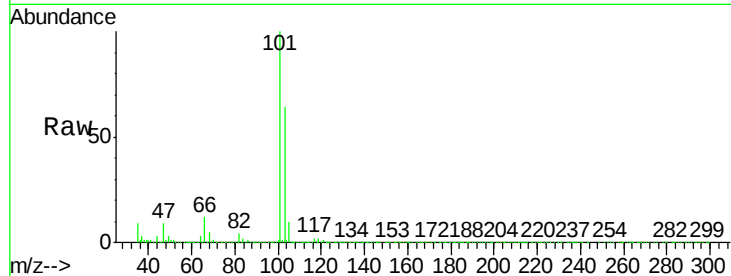


#7

Trichlorofluoromethane
Concen: 19.246 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
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VX1231WBS01

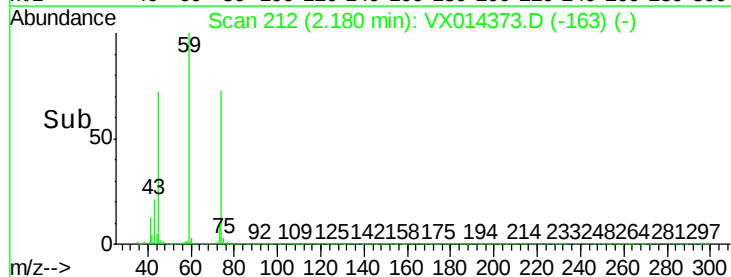
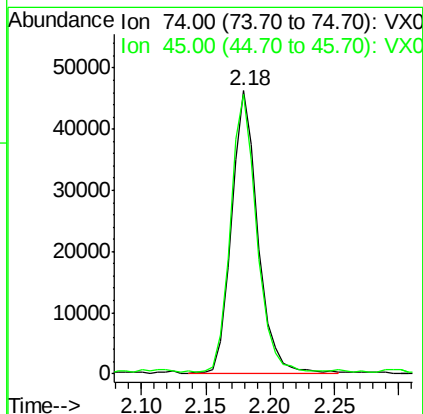
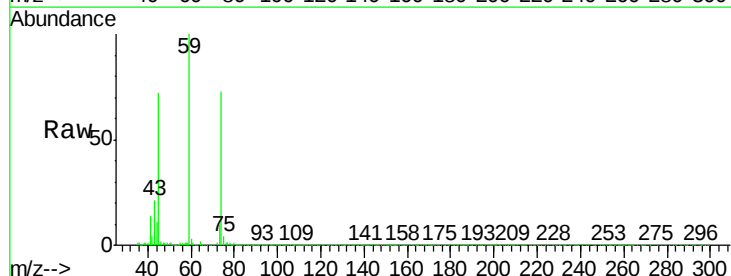
Tgt Ion:101 Resp: 137899
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4



#8

Diethyl Ether
Concen: 19.418 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion: 74 Resp: 65296
Ion Ratio Lower Upper
74 100
45 97.9 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.571 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

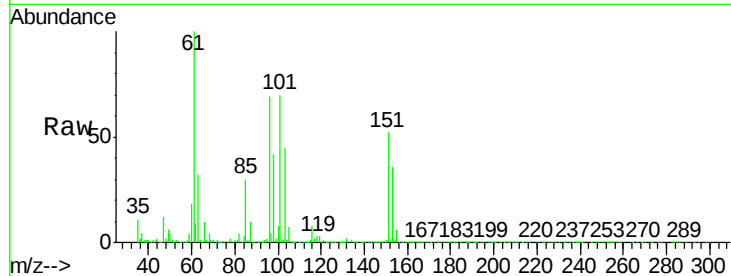
Tgt Ion:101 Resp: 84529

Ion Ratio Lower Upper

101 100

85 42.9 33.7 50.5

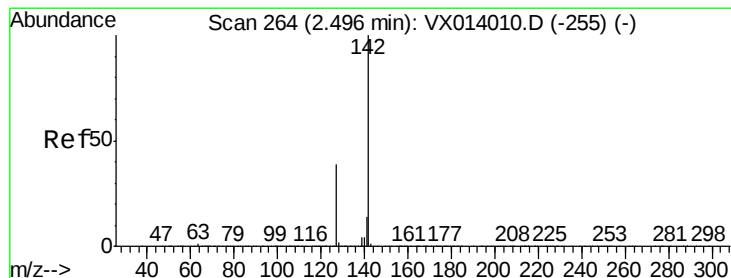
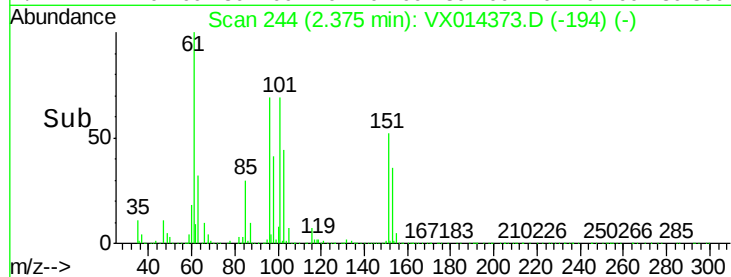
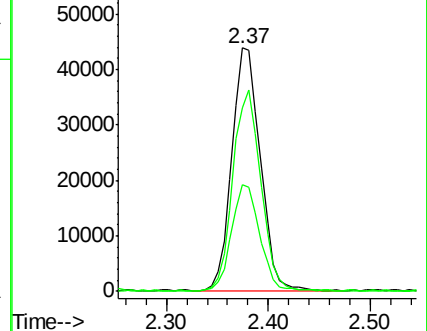
151 81.9 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.834 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

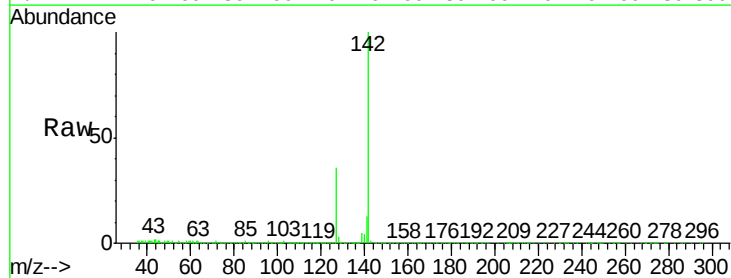
Tgt Ion:142 Resp: 79424

Ion Ratio Lower Upper

142 100

127 38.0 31.6 47.4

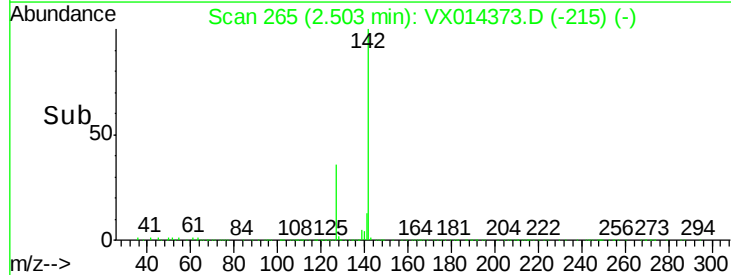
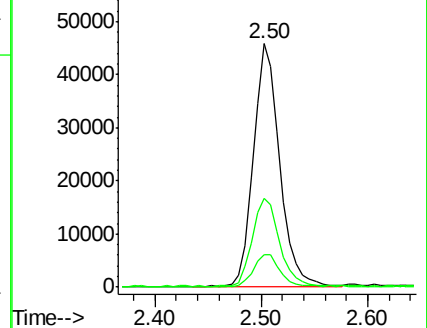
141 14.0 11.6 17.4

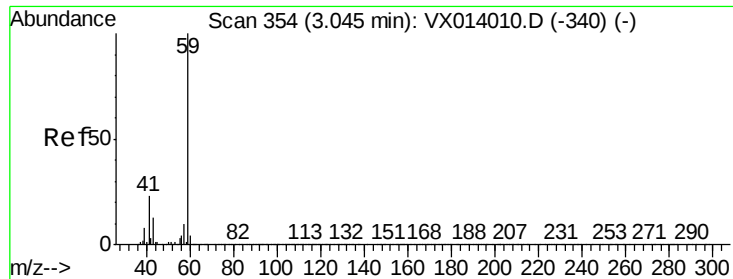


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



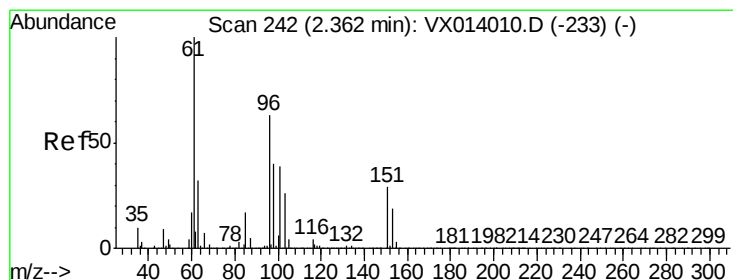
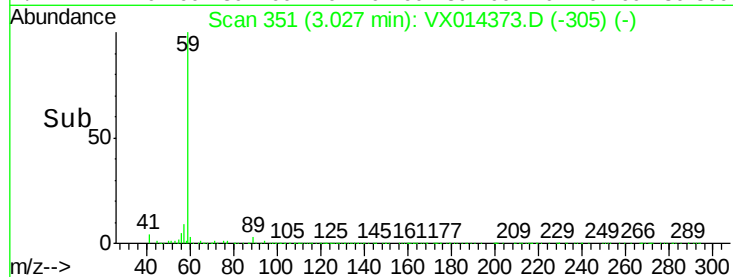
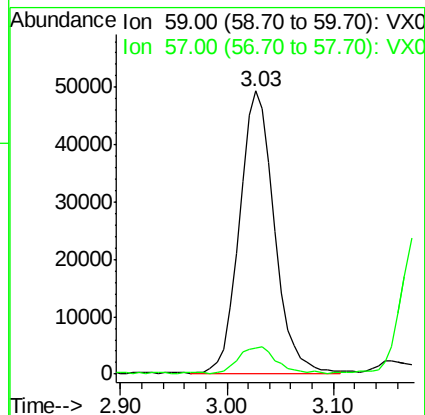
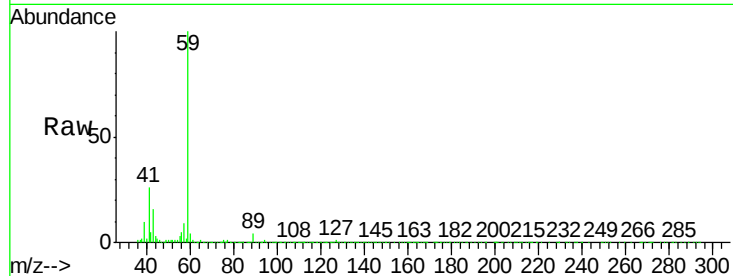


#11

Tert butyl alcohol
 Concen: 100.709 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampled :
 VX1231WBS01

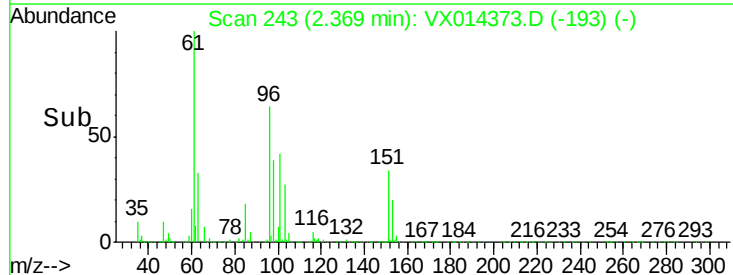
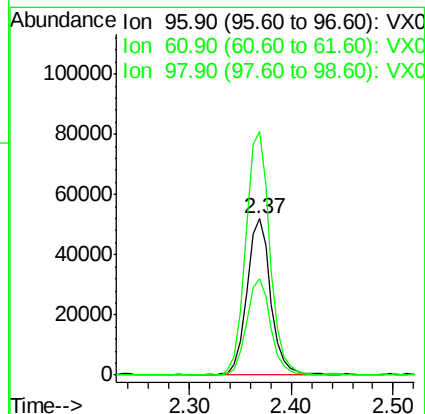
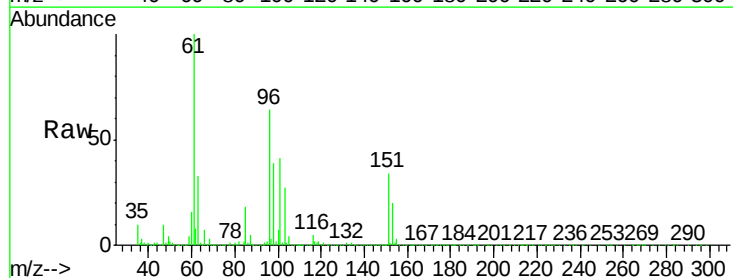
Tgt Ion: 59 Resp: 112680
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.4 12.6

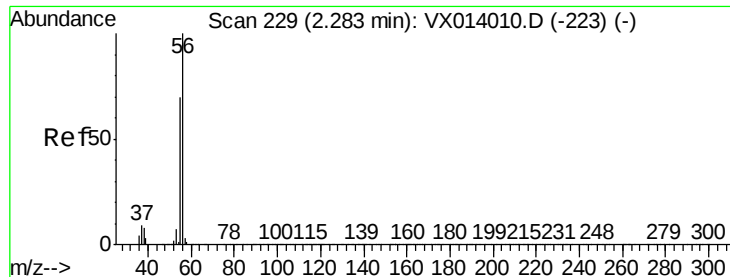


#12

1,1-Dichloroethene
 Concen: 19.101 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion: 96 Resp: 83948
 Ion Ratio Lower Upper
 96 100
 61 155.6 127.9 191.9
 98 61.3 50.5 75.7





#13

Acrolein

Concen: 88.558 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

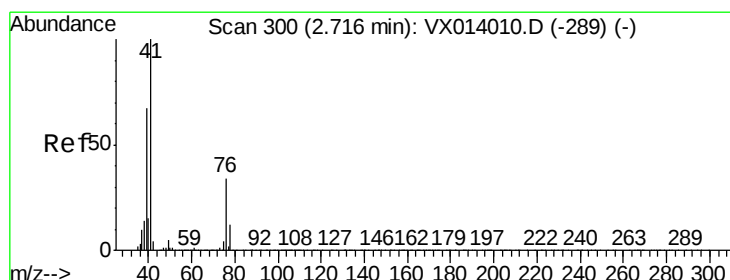
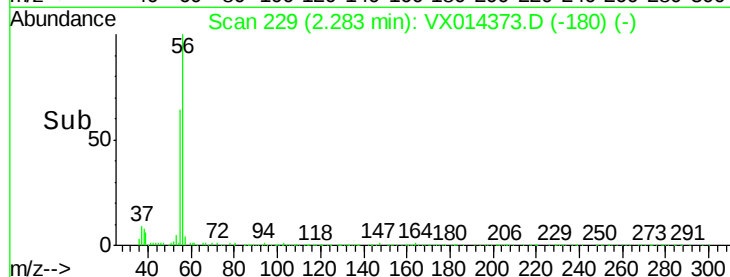
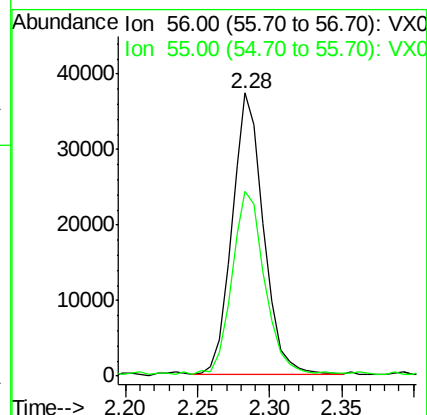
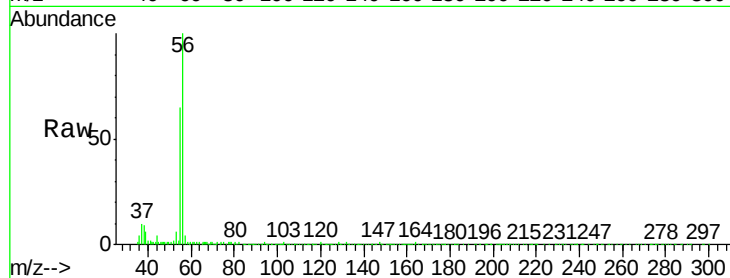
VX1231WBS01

Tgt Ion: 56 Resp: 56719

Ion Ratio Lower Upper

56 100

55 68.1 56.9 85.3



#14

Allyl chloride

Concen: 20.151 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

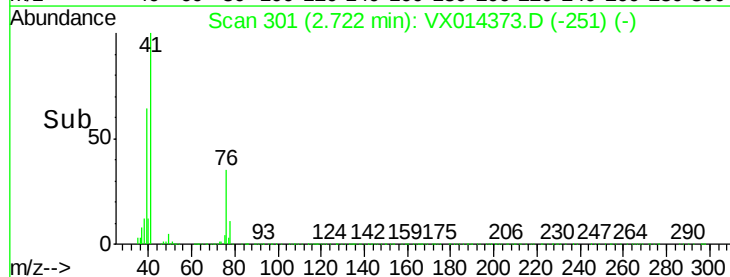
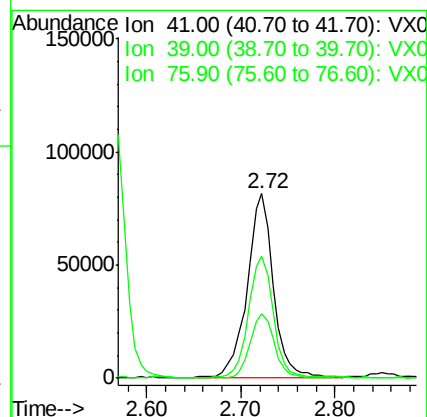
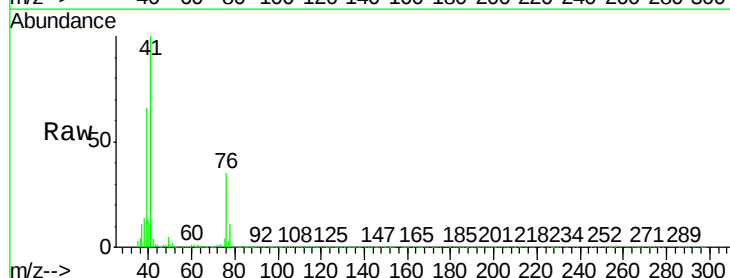
Tgt Ion: 41 Resp: 158121

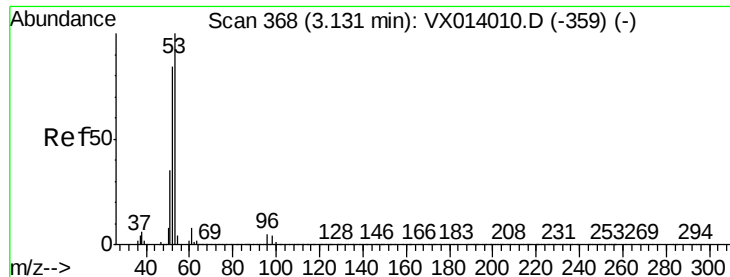
Ion Ratio Lower Upper

41 100

39 62.5 51.8 77.8

76 31.9 25.9 38.9





#15

Acrylonitrile

Concen: 108.006 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

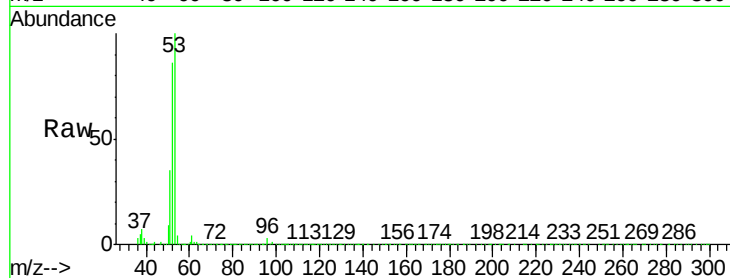
Tgt Ion: 53 Resp: 282059

Ion Ratio Lower Upper

53 100

52 82.2 66.5 99.7

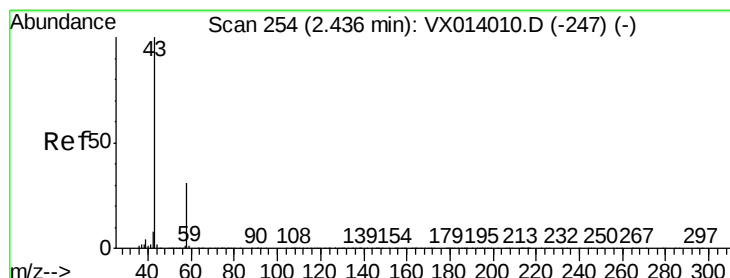
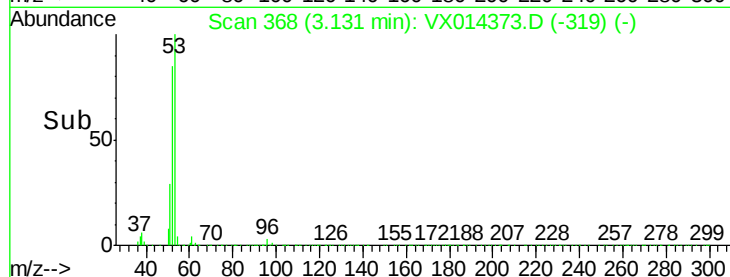
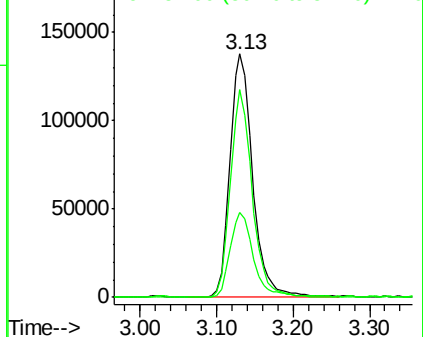
51 35.6 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 93.386 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014373.D

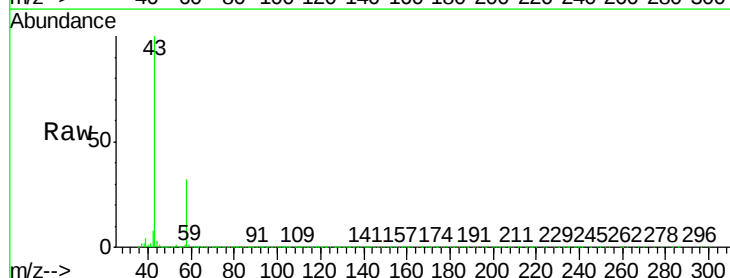
Acq: 31 Dec 2019 12:24

Tgt Ion: 43 Resp: 313933

Ion Ratio Lower Upper

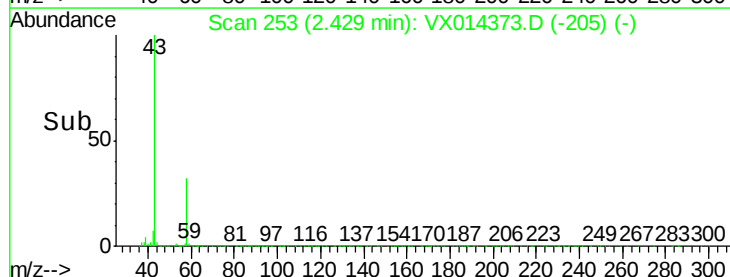
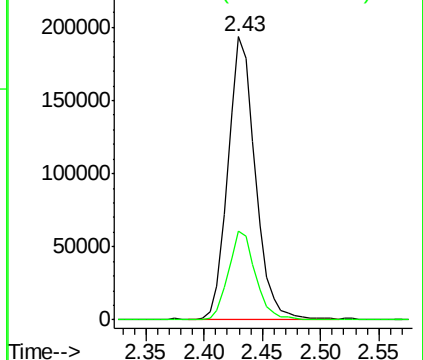
43 100

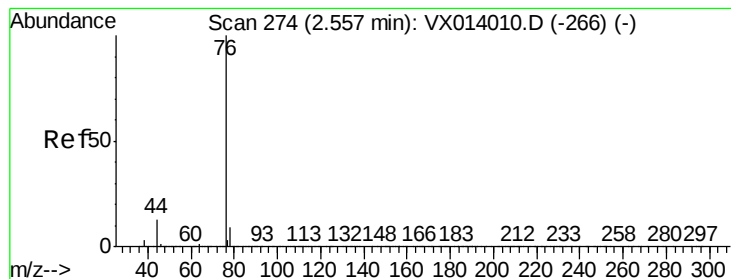
58 31.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.009 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

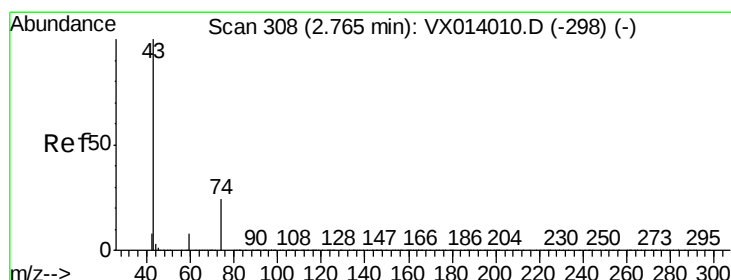
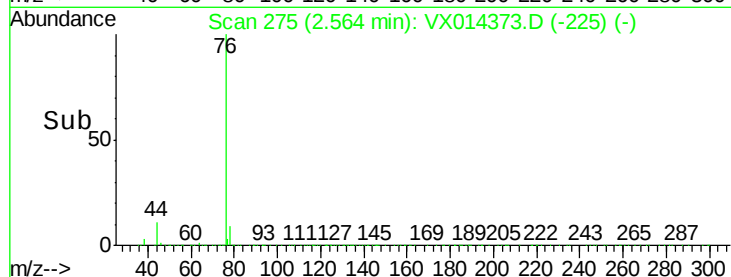
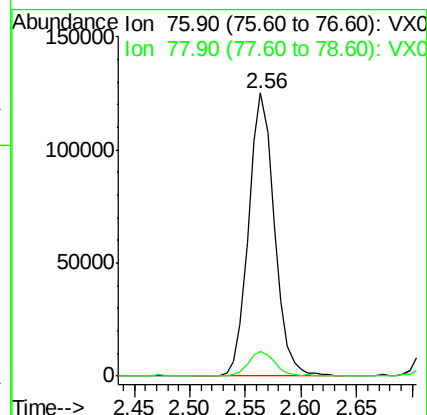
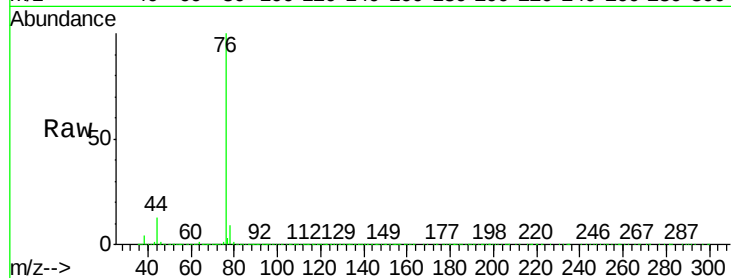
VX1231WBS01

Tgt Ion: 76 Resp: 201399

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



#18

Methyl Acetate

Concen: 21.714 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014373.D

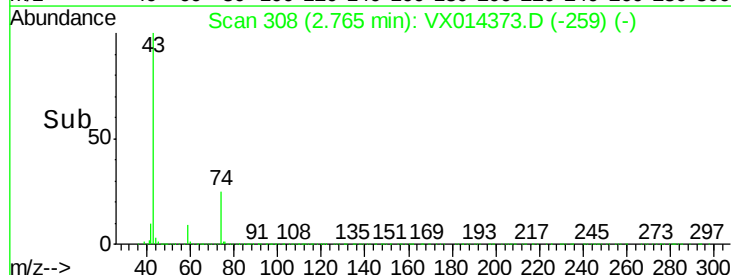
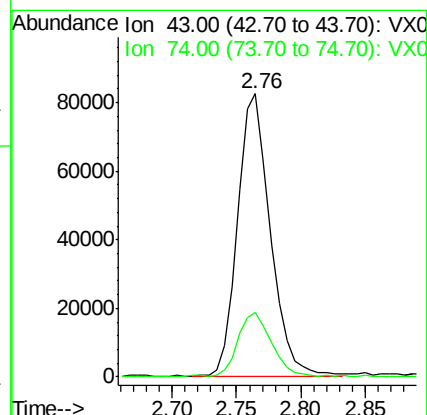
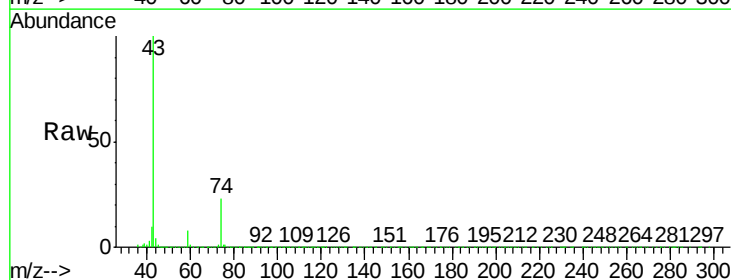
Acq: 31 Dec 2019 12:24

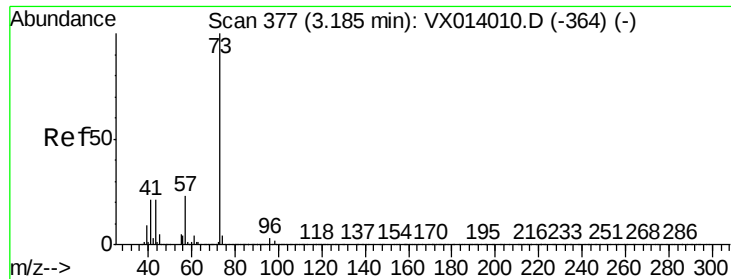
Tgt Ion: 43 Resp: 144647

Ion Ratio Lower Upper

43 100

74 23.8 19.5 29.3

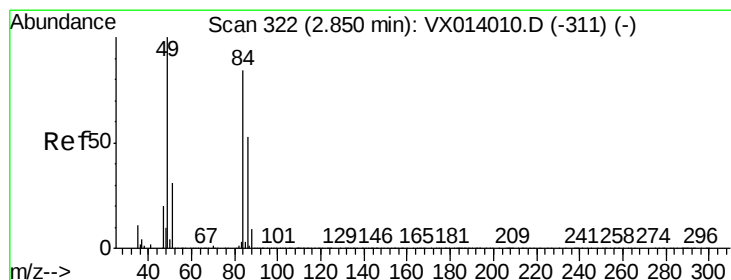
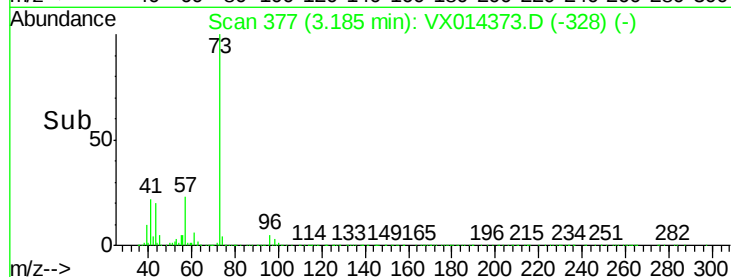
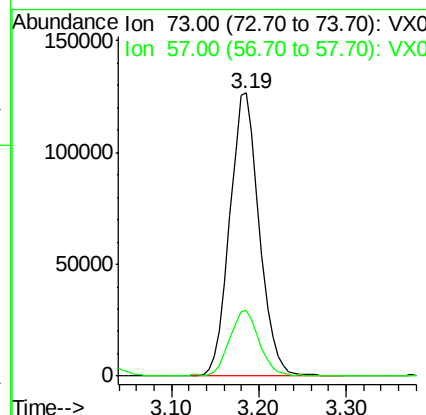
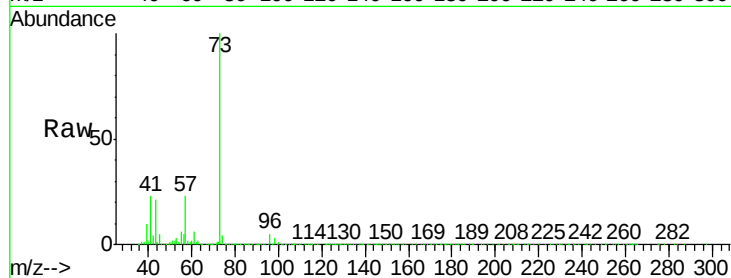




#19
Methyl tert-butyl Ether
Concen: 20.471 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

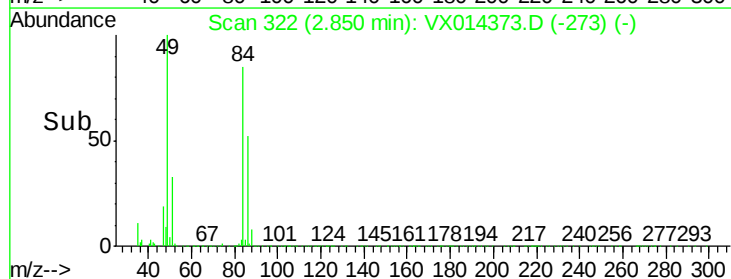
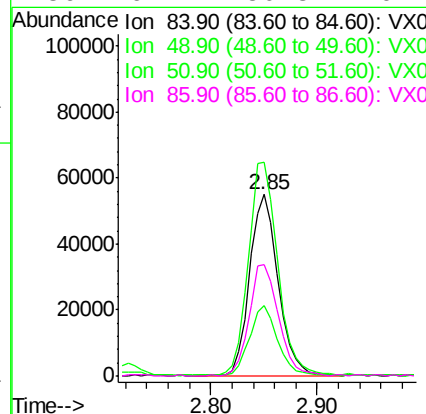
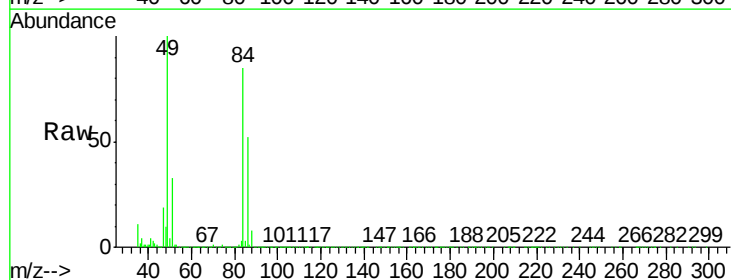
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tgt Ion: 73 Resp: 295639
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2



#20
Methylene Chloride
Concen: 19.473 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion: 84 Resp: 103086
Ion Ratio Lower Upper
84 100
49 117.4 95.8 143.6
51 38.4 29.8 44.8
86 61.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.536 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

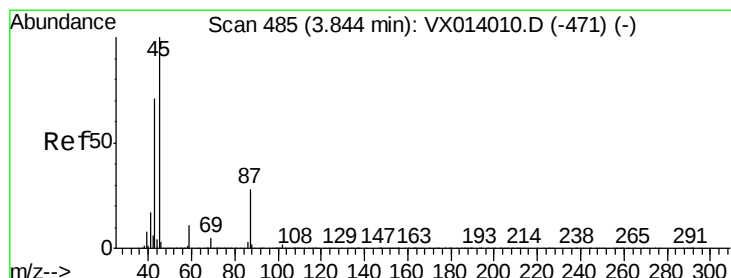
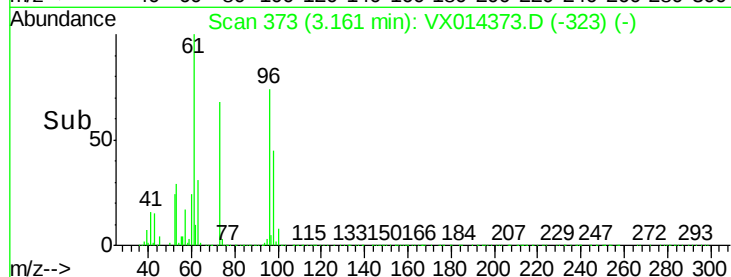
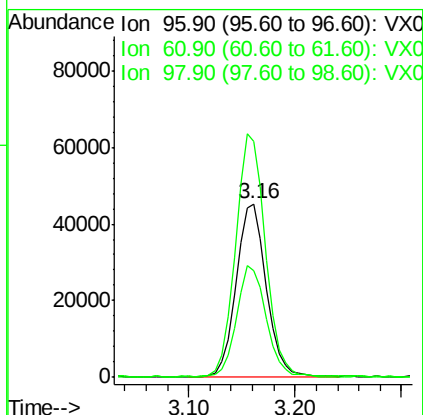
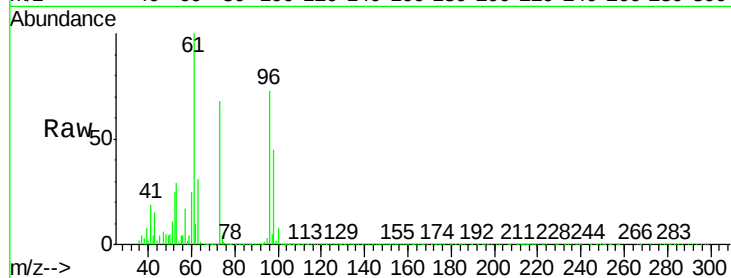
Tgt Ion: 96 Resp: 89748

Ion Ratio Lower Upper

96 100

61 136.0 108.3 162.5

98 61.0 50.8 76.2



#22

Diisopropyl ether

Concen: 21.253 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Tgt Ion: 45 Resp: 332331

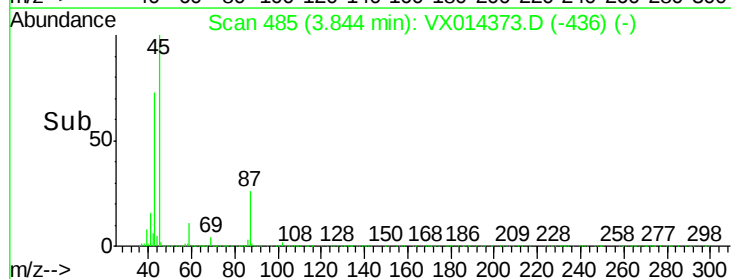
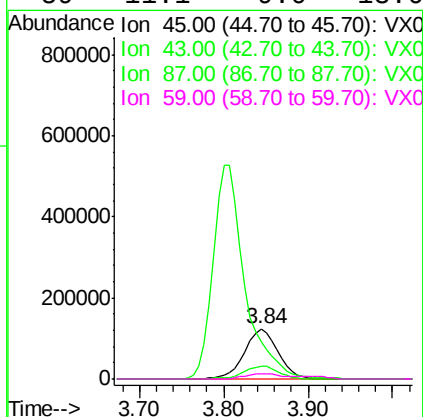
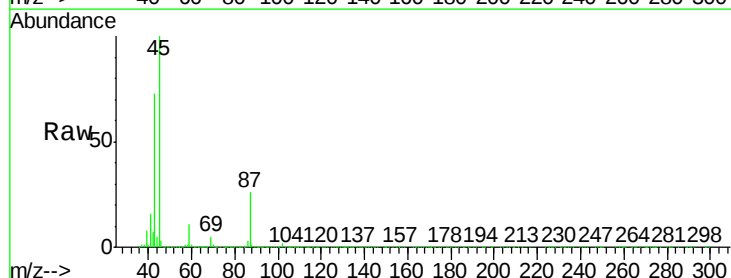
Ion Ratio Lower Upper

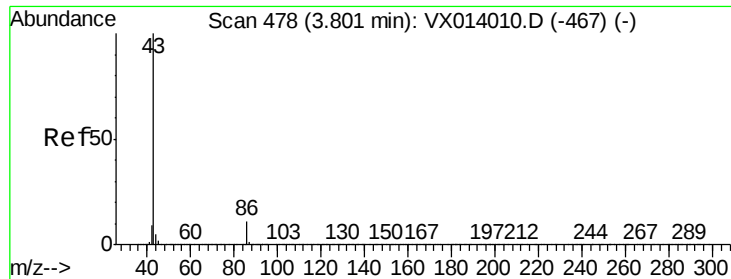
45 100

43 71.9 57.4 86.0

87 26.2 21.9 32.9

59 11.1 9.0 13.6





#23

Vinyl Acetate

Concen: 107.585 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

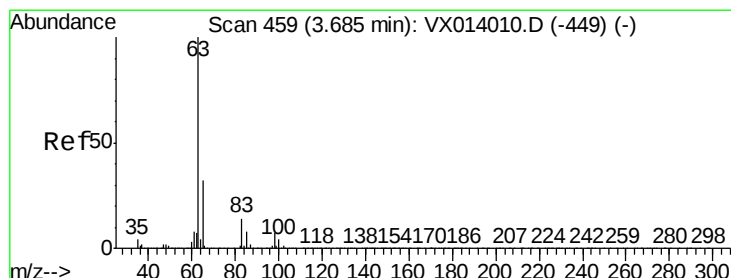
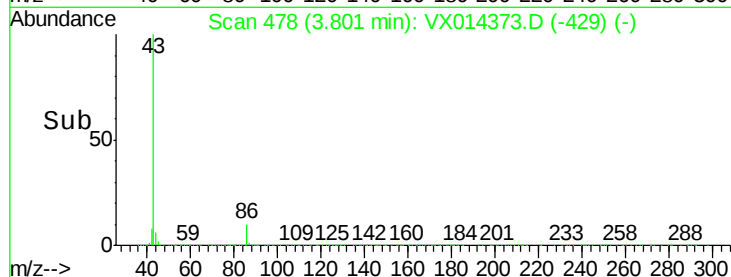
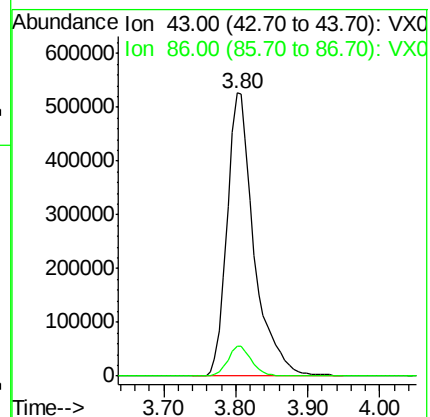
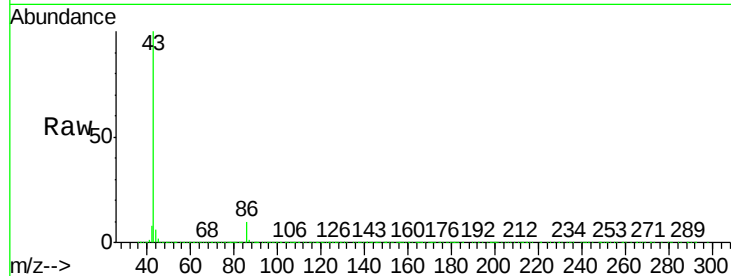
VX1231WBS01

Tgt Ion: 43 Resp: 1372853

Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8



#24

1,1-Dichloroethane

Concen: 20.070 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

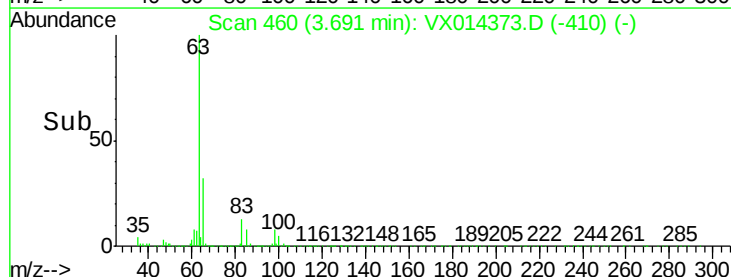
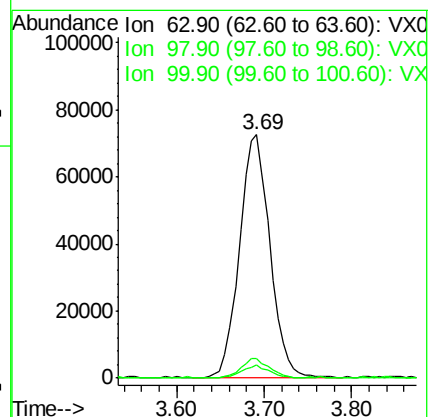
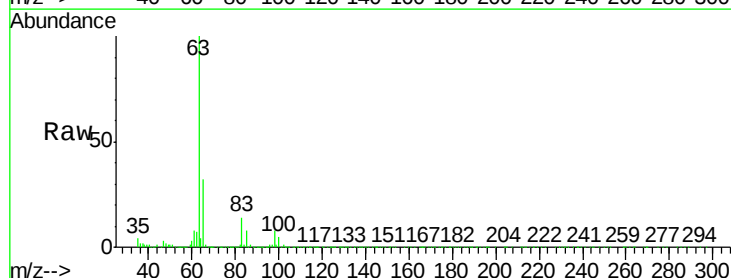
Tgt Ion: 63 Resp: 174604

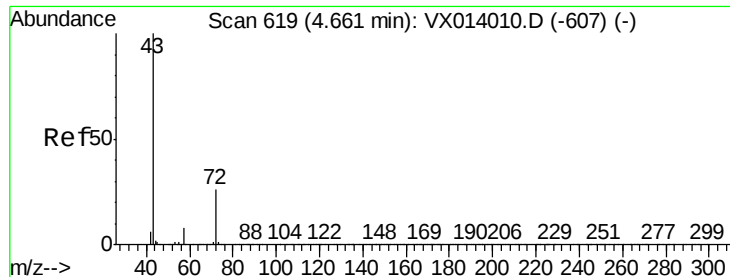
Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.8

100 5.1 2.3 6.8





#25

2-Butanone

Concen: 102.674 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

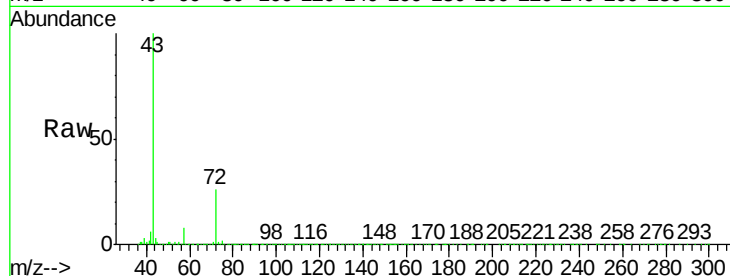
VX1231WBS01

Tgt Ion: 43 Resp: 425537

Ion Ratio Lower Upper

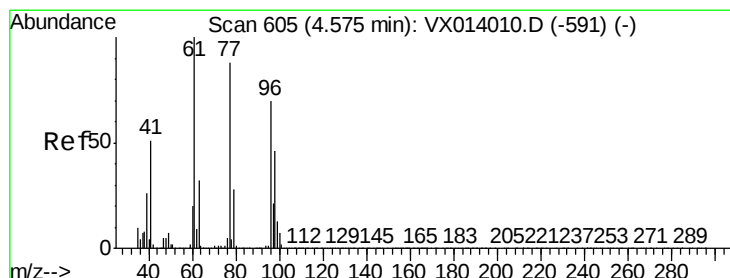
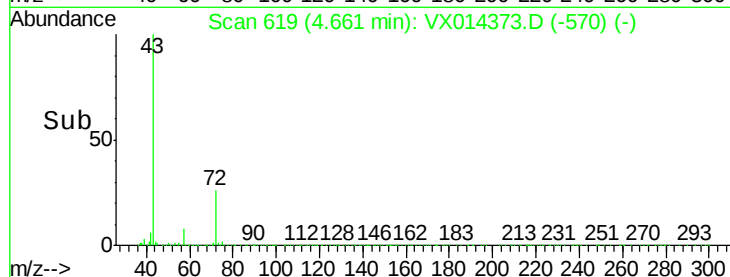
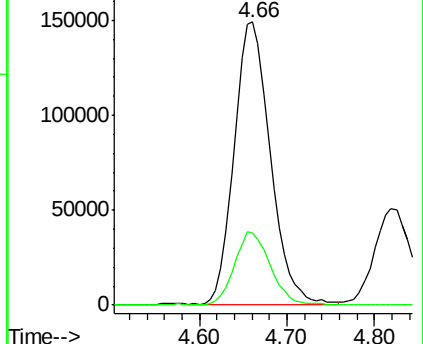
43 100

72 25.6 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.798 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014373.D

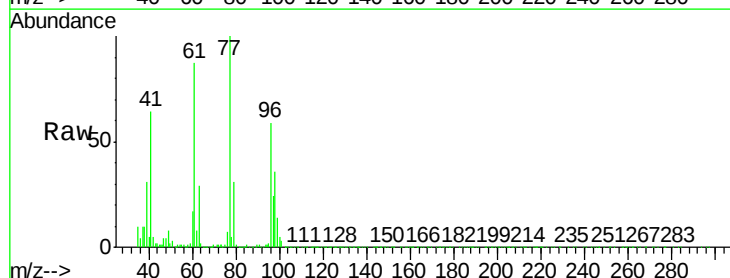
Acq: 31 Dec 2019 12:24

Tgt Ion: 77 Resp: 133729

Ion Ratio Lower Upper

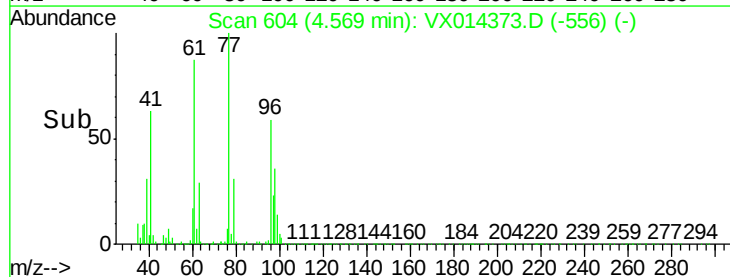
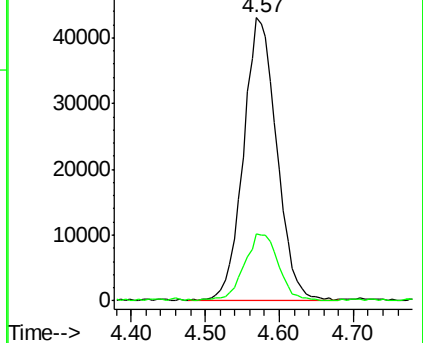
77 100

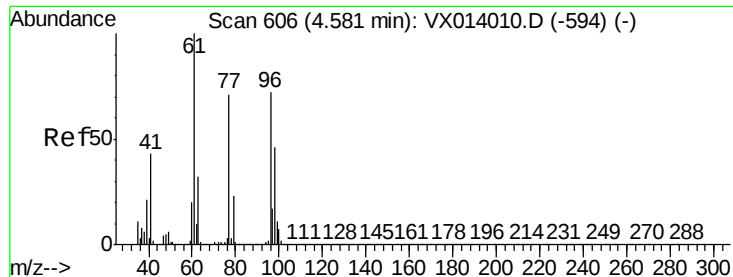
97 24.5 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



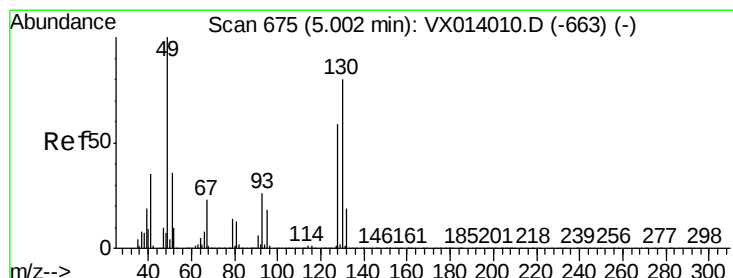
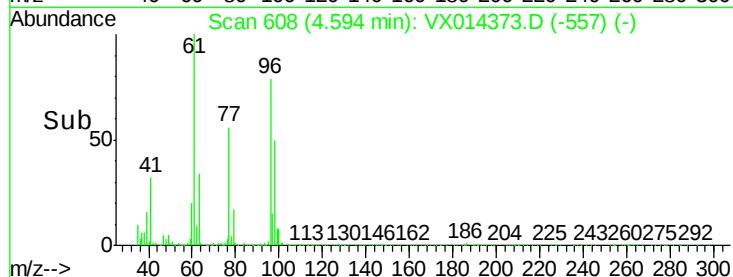
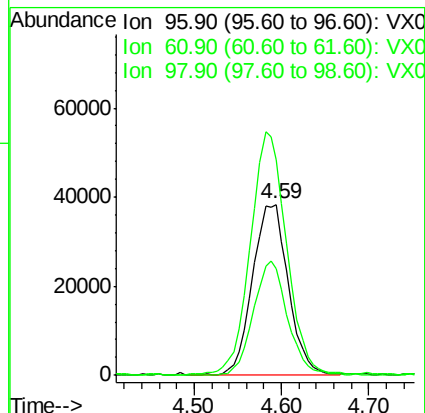
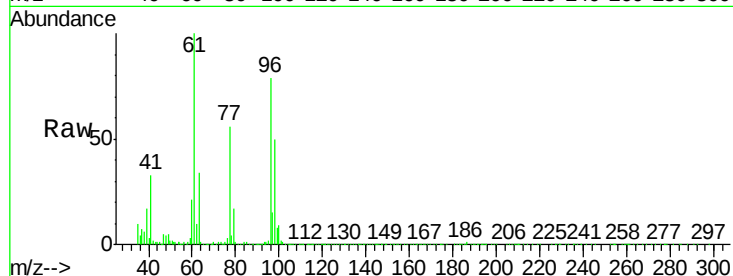


#27

cis-1,2-Dichloroethene
Concen: 19.810 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

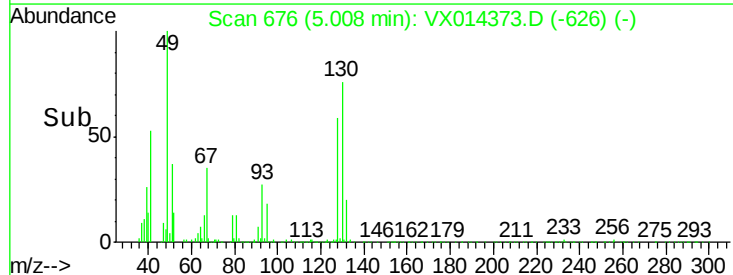
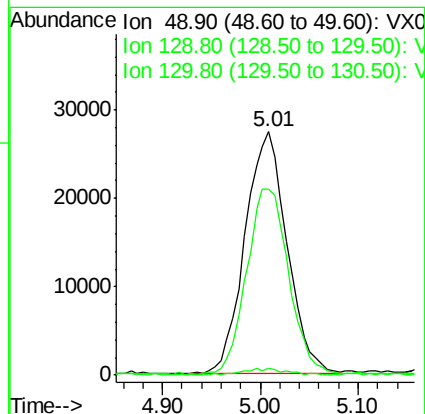
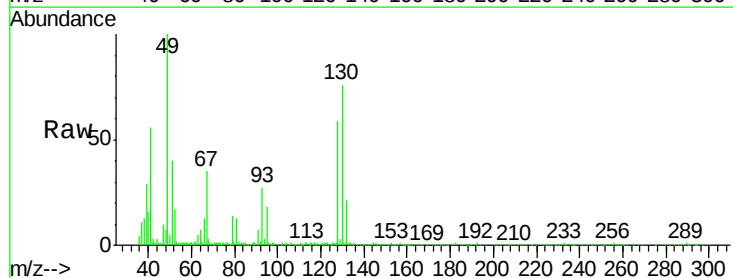
Tgt Ion: 96 Resp: 108476
Ion Ratio Lower Upper
96 100
61 146.2 0.0 288.4
98 65.0 0.0 129.6

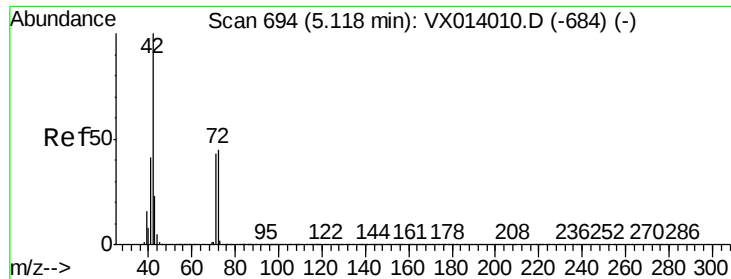


#28

Bromochloromethane
Concen: 24.614 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion: 49 Resp: 81575
Ion Ratio Lower Upper
49 100
129 1.0 0.0 5.0
130 78.3 64.6 97.0

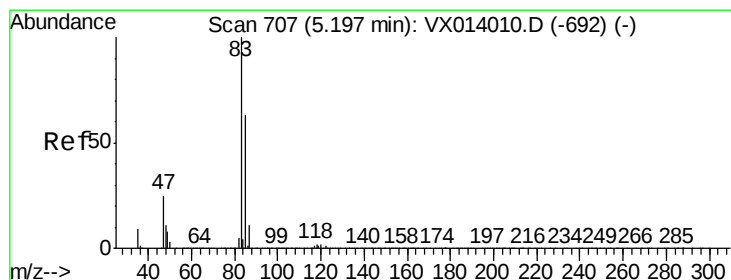
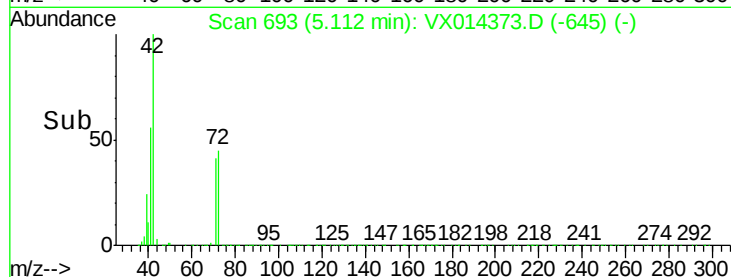
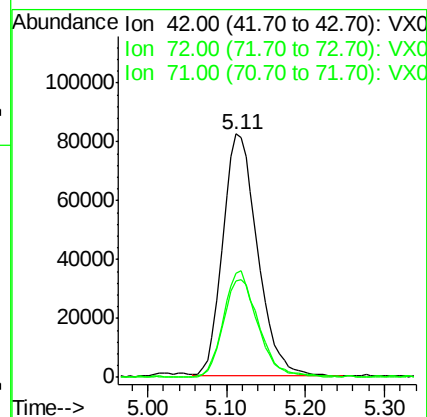
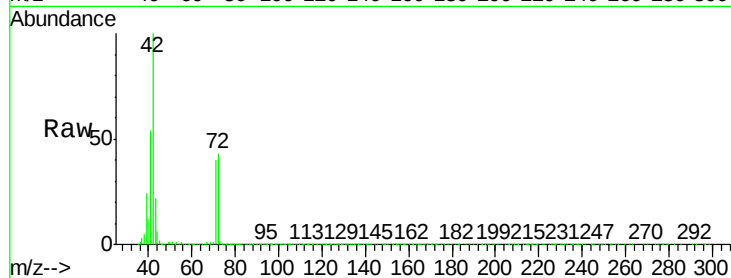




#29
Tetrahydrofuran
Concen: 109.034 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

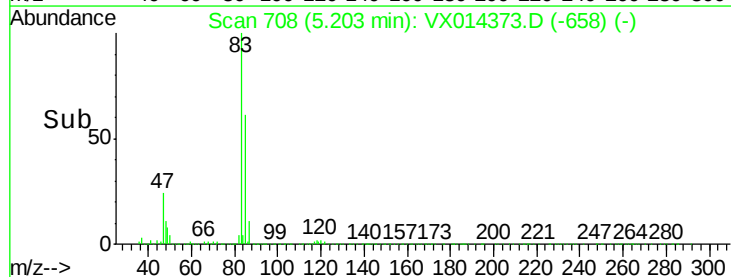
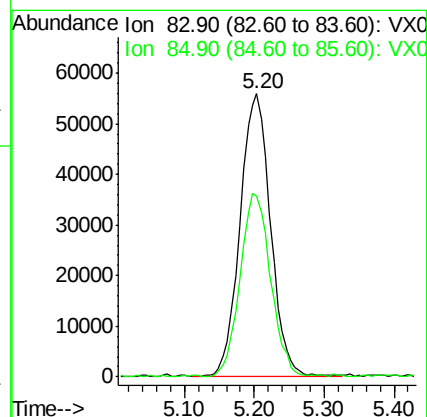
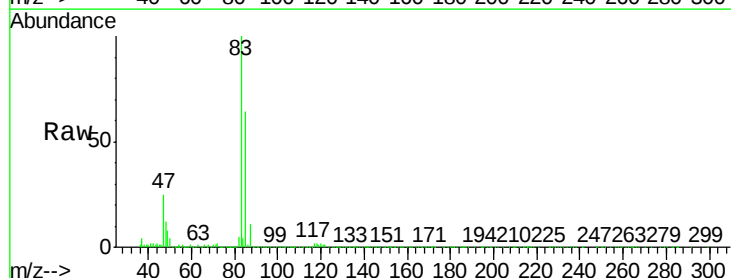
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

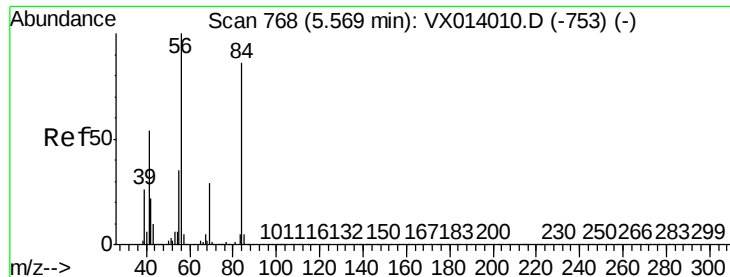
Tgt Ion: 42 Resp: 252758
Ion Ratio Lower Upper
42 100
72 43.0 35.8 53.8
71 40.4 33.6 50.4



#30
Chloroform
Concen: 20.430 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion: 83 Resp: 168490
Ion Ratio Lower Upper
83 100
85 63.5 50.8 76.2

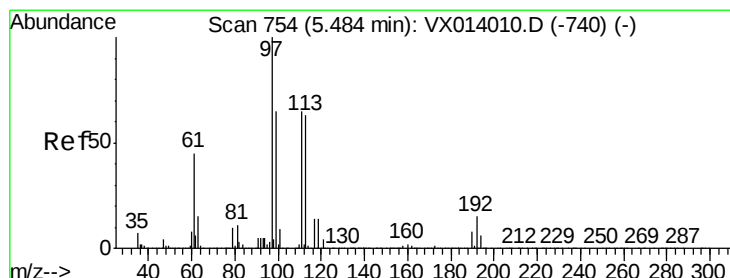
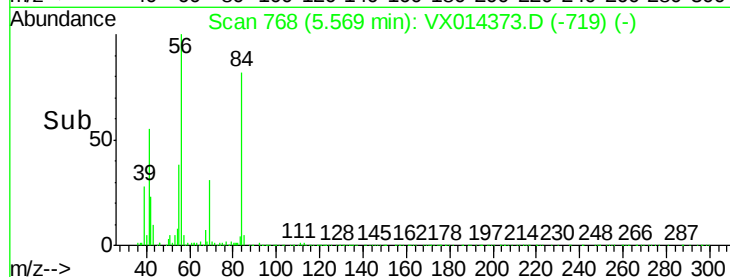
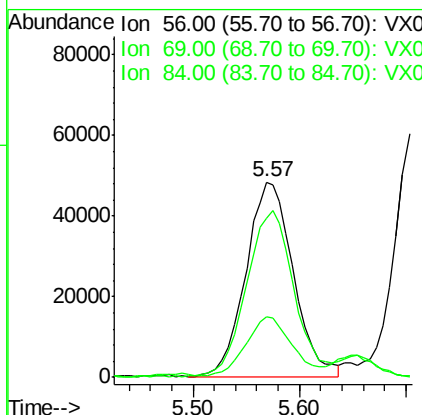
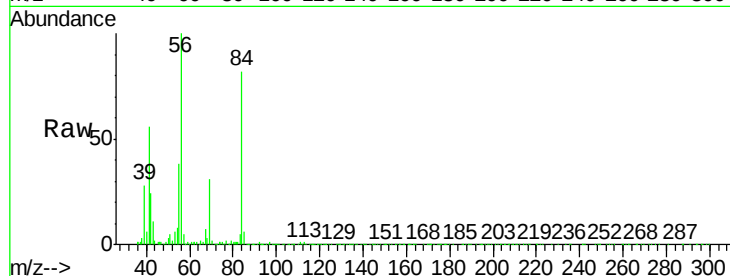




#31
Cyclohexane
Concen: 19.559 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

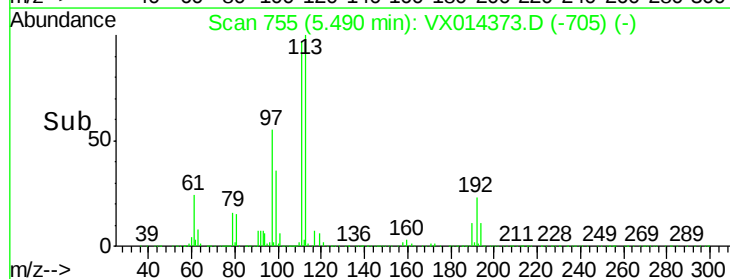
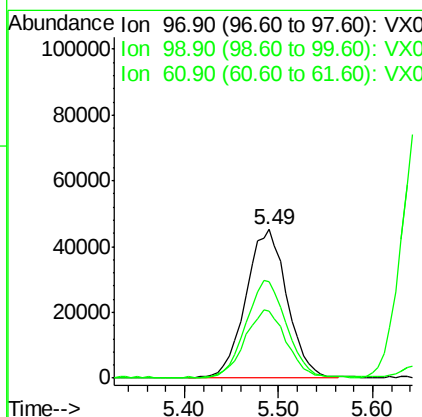
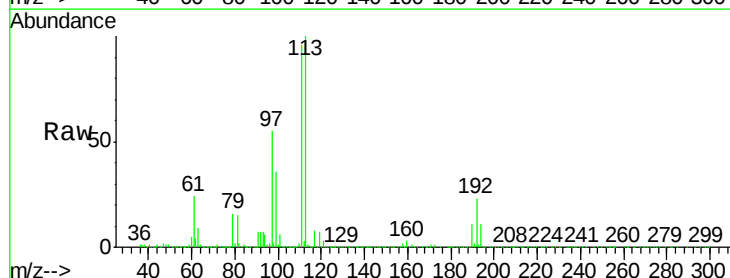
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tgt Ion: 56 Resp: 151343
Ion Ratio Lower Upper
56 100
69 30.1 23.2 34.8
84 79.9 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 19.524 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion: 97 Resp: 137230
Ion Ratio Lower Upper
97 100
99 65.4 52.0 78.0
61 46.3 36.7 55.1

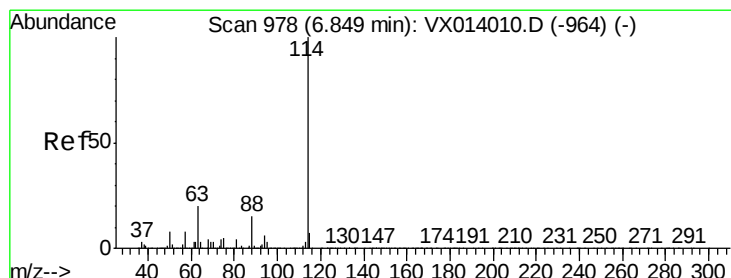
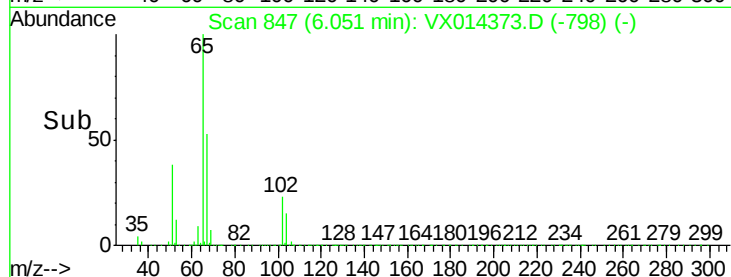
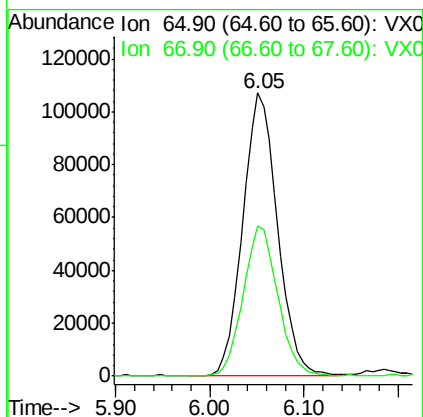
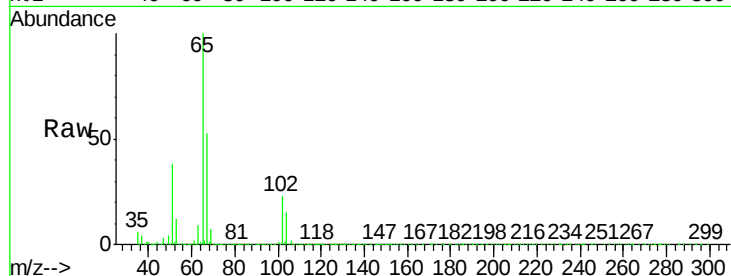




#33
 1,2-Dichloroethane-d4
 Concen: 53.123 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

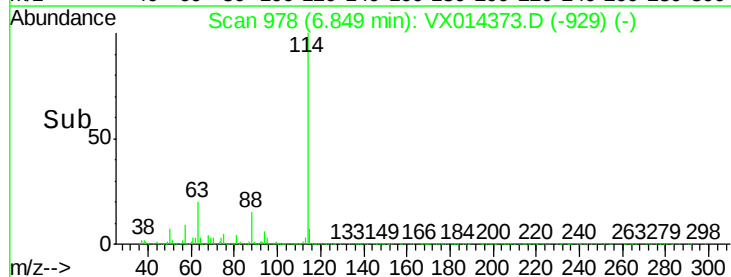
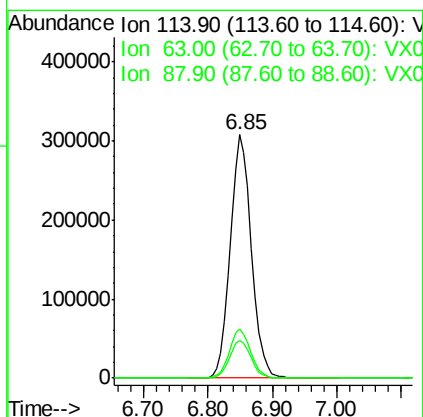
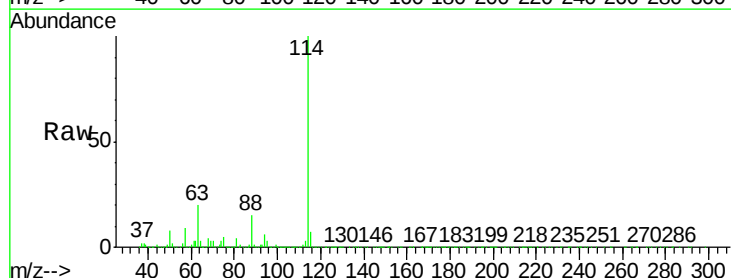
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

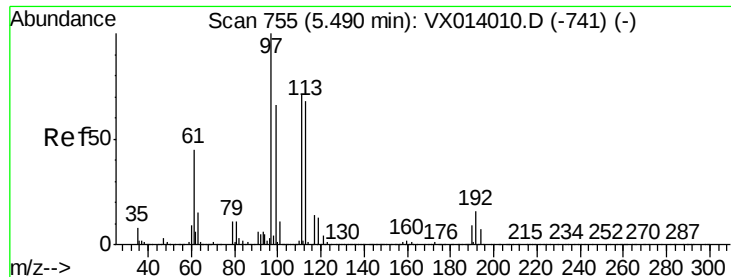
Tgt Ion: 65 Resp: 275073
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion: 114 Resp: 711016
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 53.171 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

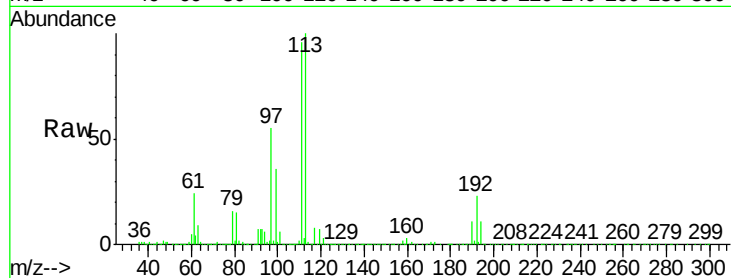
Tgt Ion: 113 Resp: 229814

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

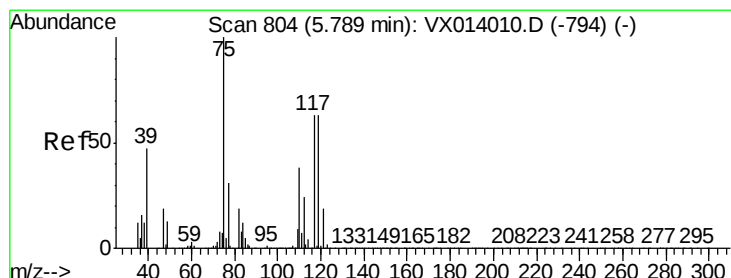
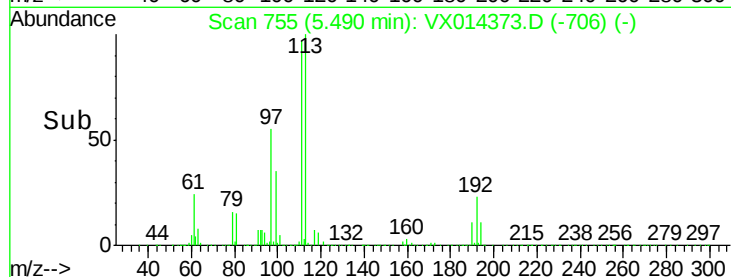
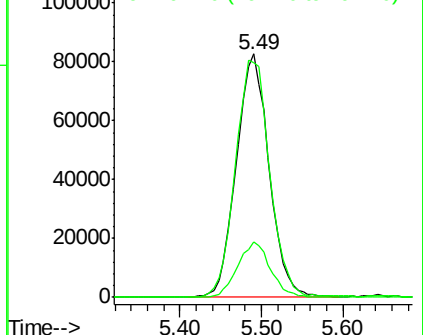
192 22.8 19.3 28.9



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: 18.445 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

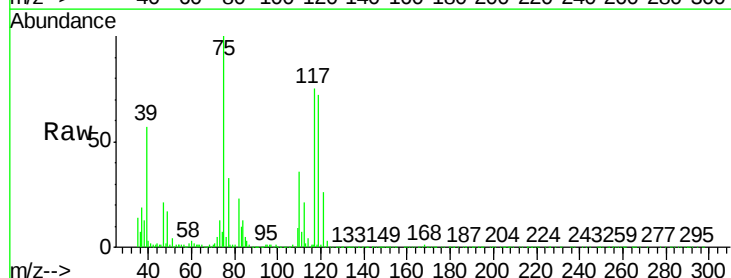
Tgt Ion: 75 Resp: 120337

Ion Ratio Lower Upper

75 100

110 36.7 18.3 54.9

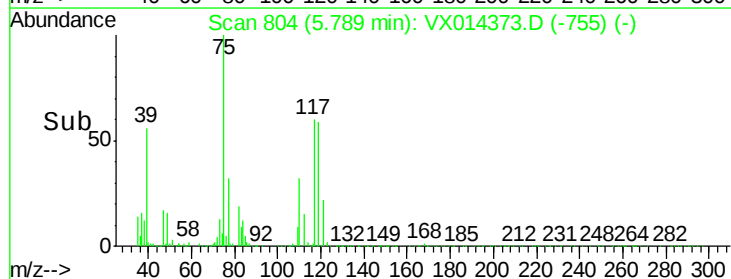
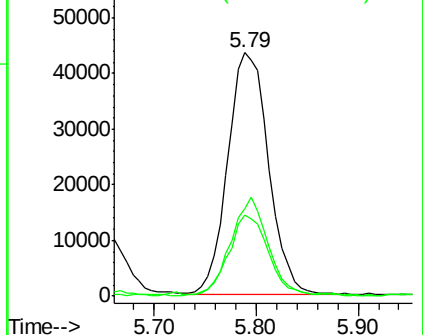
77 30.9 24.8 37.2

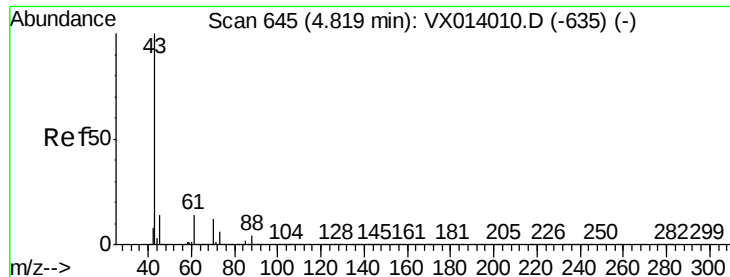


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

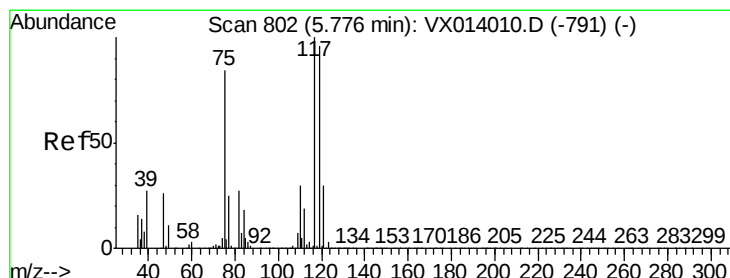
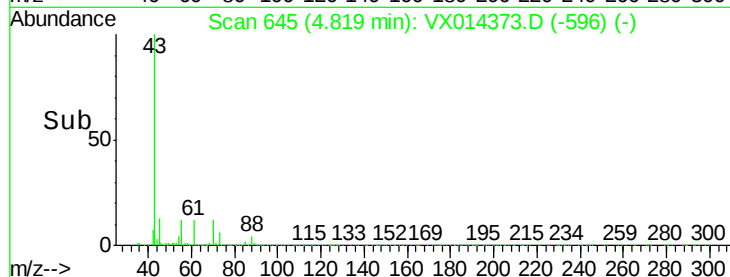
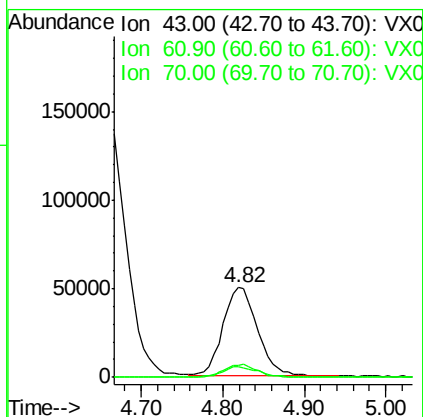
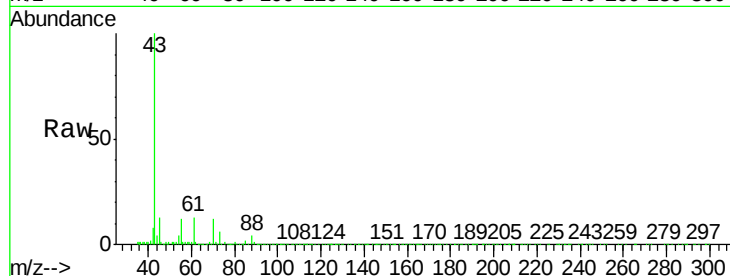




#37
 Ethyl Acetate
 Concen: 20.683 ug/l
 RT: 4.82 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

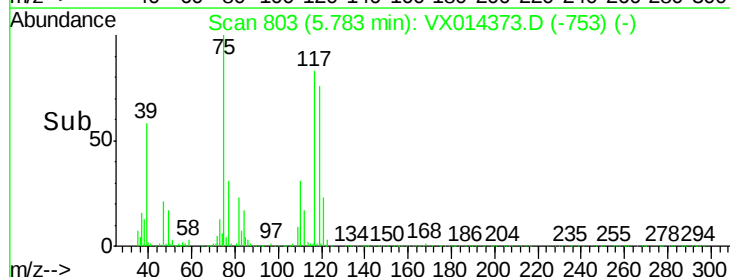
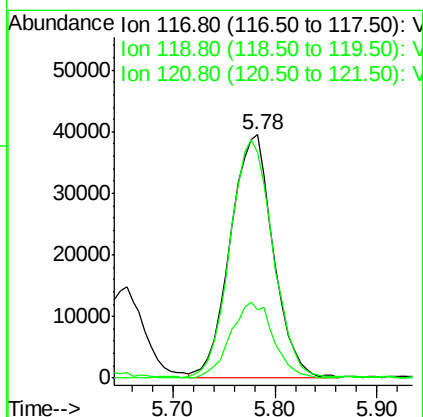
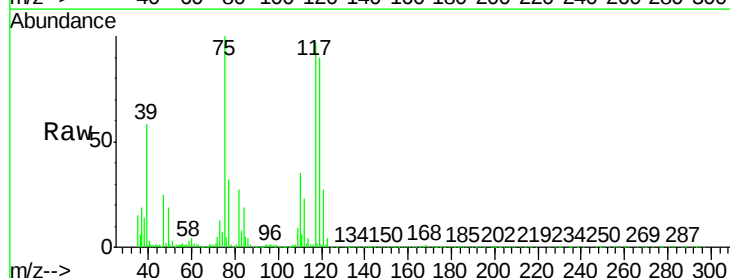
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

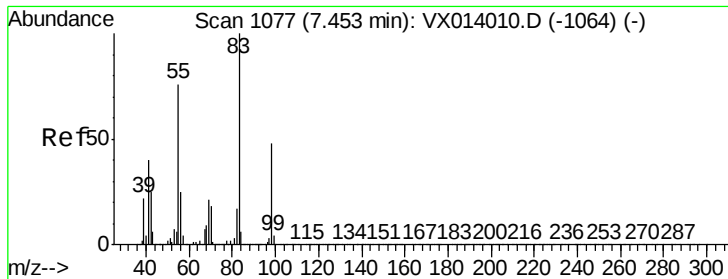
Tgt Ion: 43 Resp: 149010
 Ion Ratio Lower Upper
 43 100
 61 13.3 10.8 16.2
 70 11.7 8.6 12.8



#38
 Carbon Tetrachloride
 Concen: 19.223 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion: 117 Resp: 114248
 Ion Ratio Lower Upper
 117 100
 119 92.7 76.2 114.4
 121 27.7 23.6 35.4

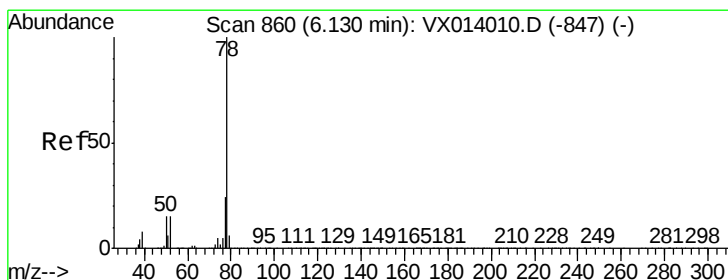
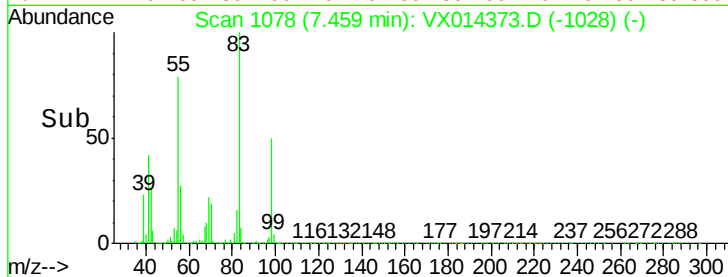
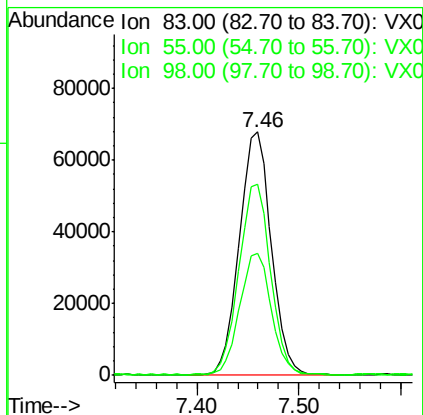
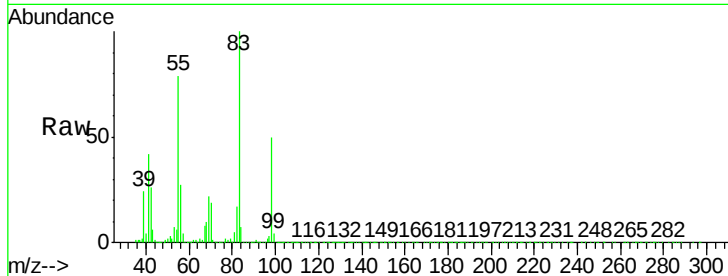




#39
Methylcyclohexane
Concen: 18.311 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

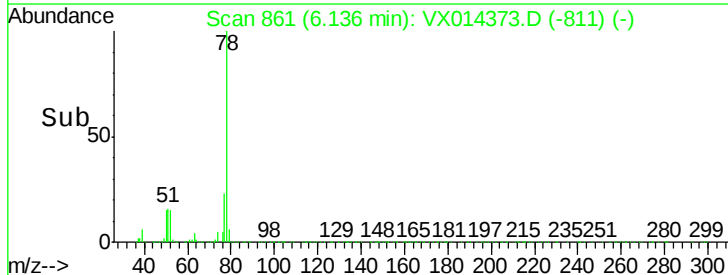
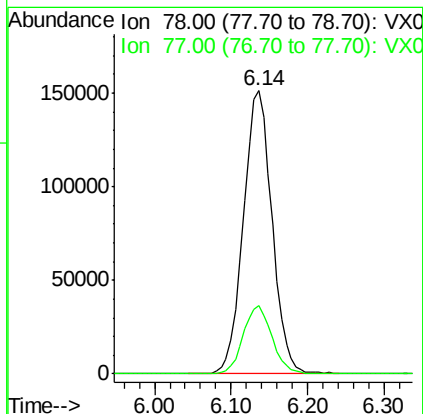
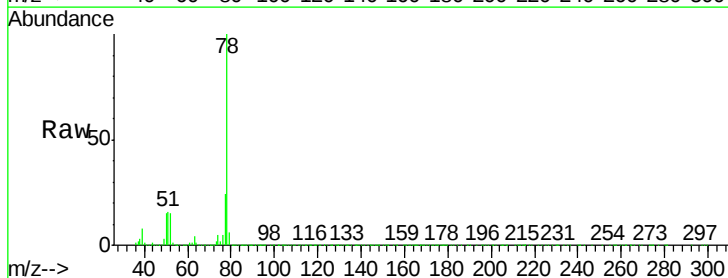
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

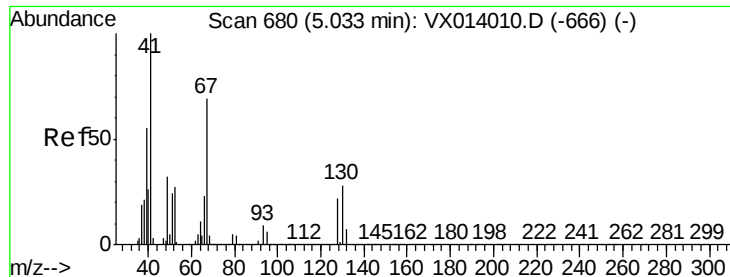
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.6	61.0	91.6
98	50.0	38.6	57.8



#40
Benzene
Concen: 19.605 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





#41

Methacrylonitrile

Concen: 20.533 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

Tgt Ion: 41 Resp: 82076

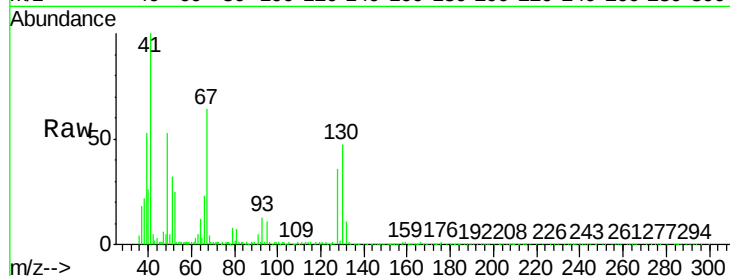
Ion Ratio Lower Upper

41 100

39 54.7 44.5 66.7

67 73.5 57.4 86.0

52 27.5 23.0 34.4

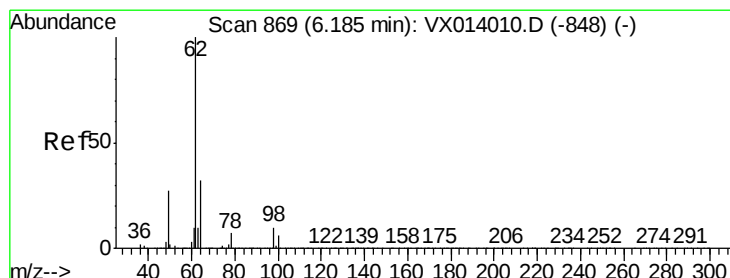
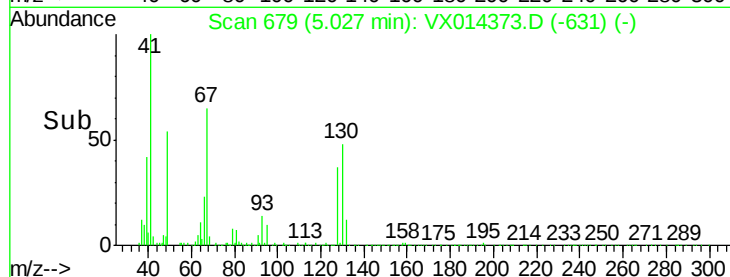
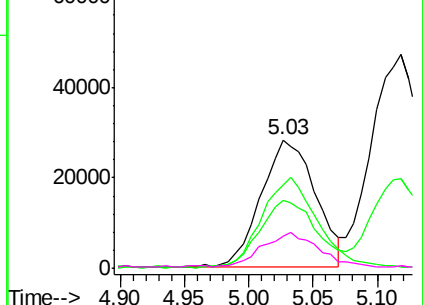


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.735 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014373.D

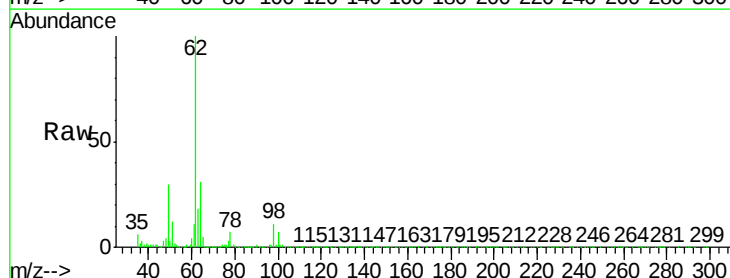
Acq: 31 Dec 2019 12:24

Tgt Ion: 62 Resp: 134284

Ion Ratio Lower Upper

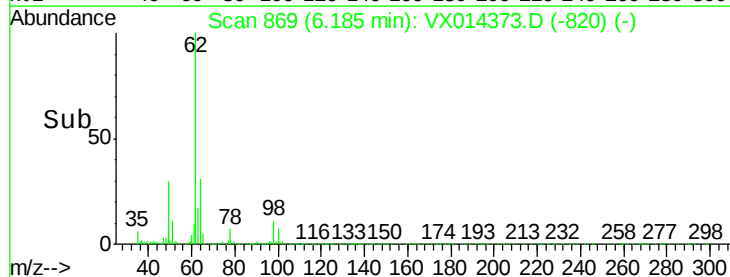
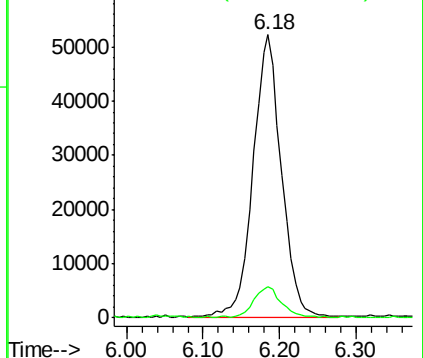
62 100

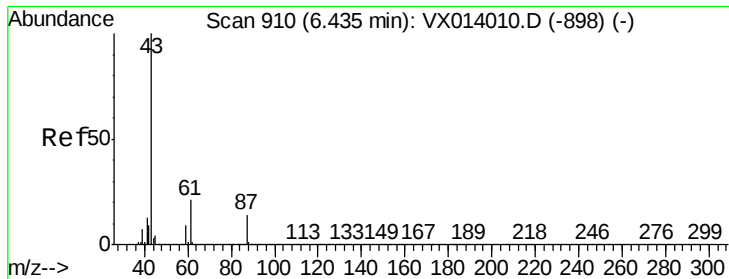
98 11.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.332 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

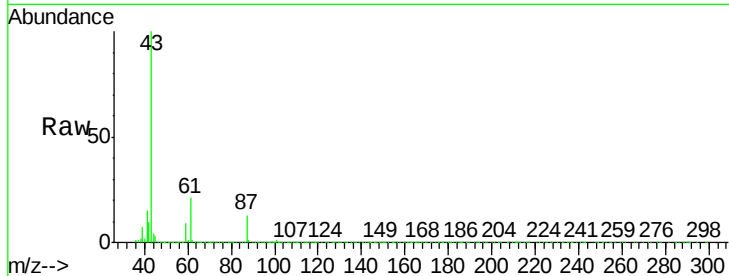
Tgt Ion: 43 Resp: 242415

Ion Ratio Lower Upper

43 100

61 20.0 16.4 24.6

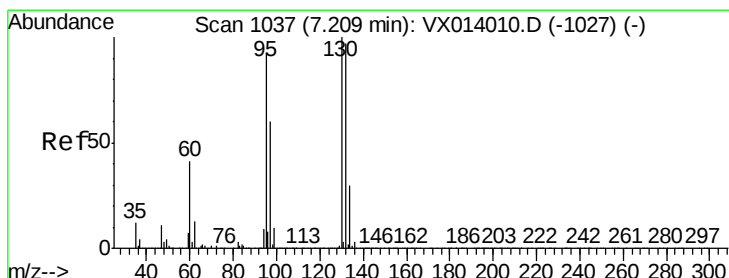
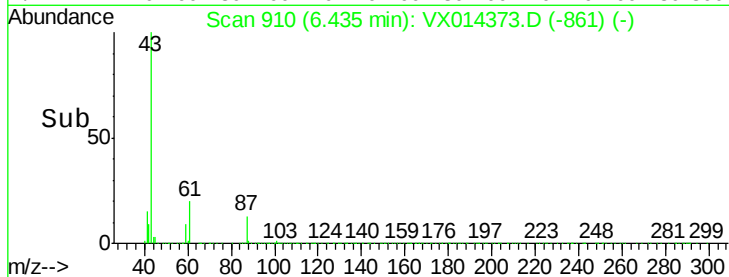
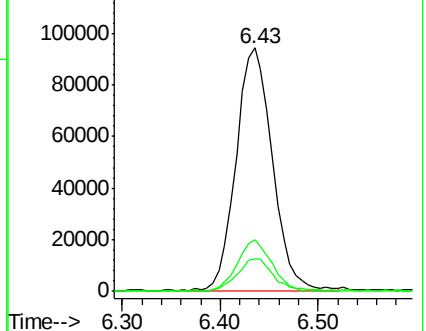
87 13.0 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.887 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014373.D

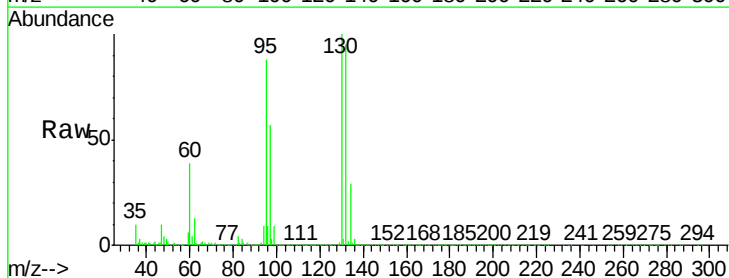
Acq: 31 Dec 2019 12:24

Tgt Ion: 130 Resp: 104716

Ion Ratio Lower Upper

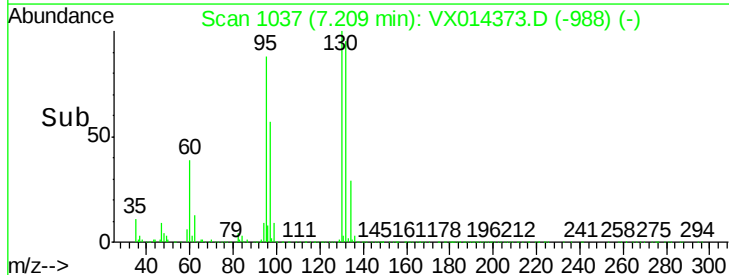
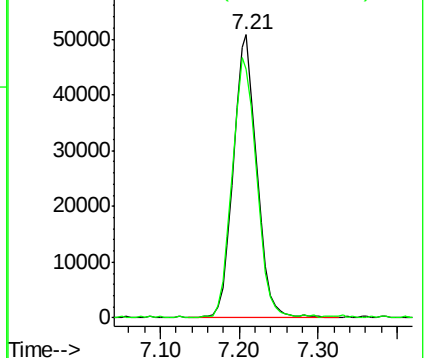
130 100

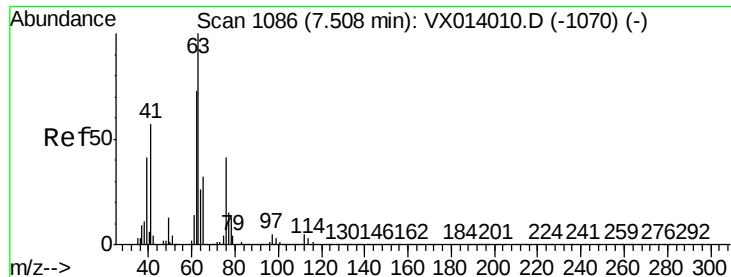
95 87.8 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

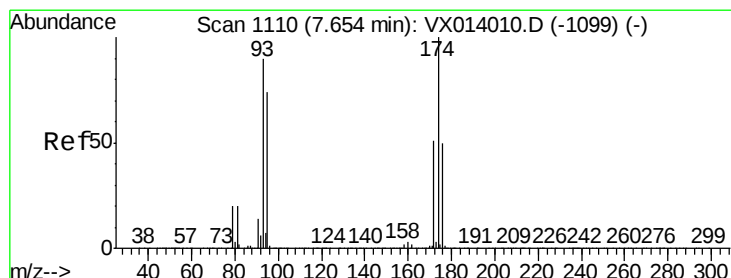
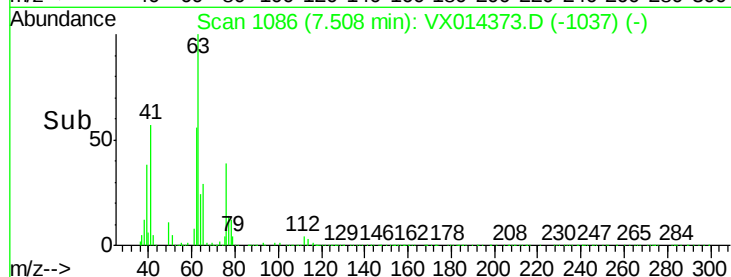
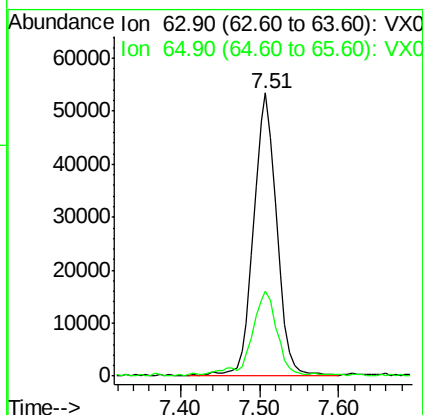
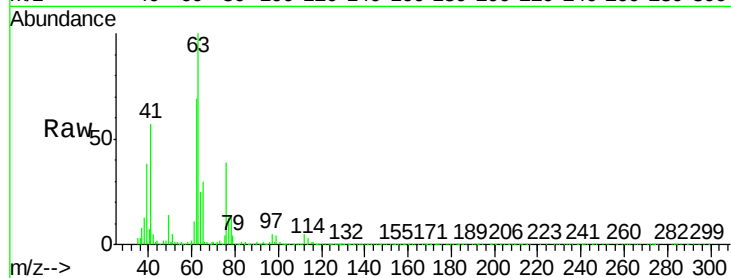




#45
 1,2-Dichloropropane
 Concen: 21.237 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

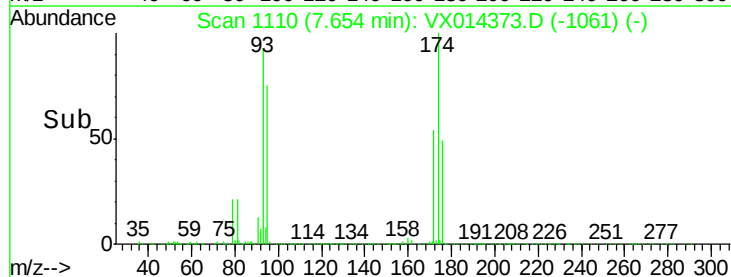
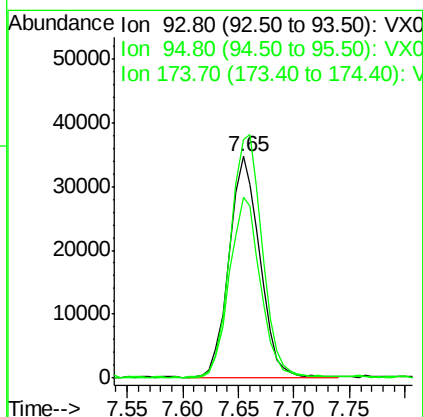
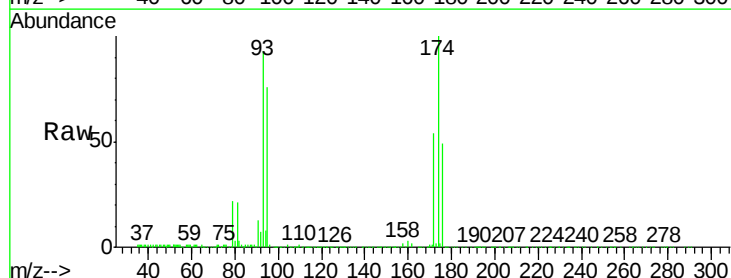
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

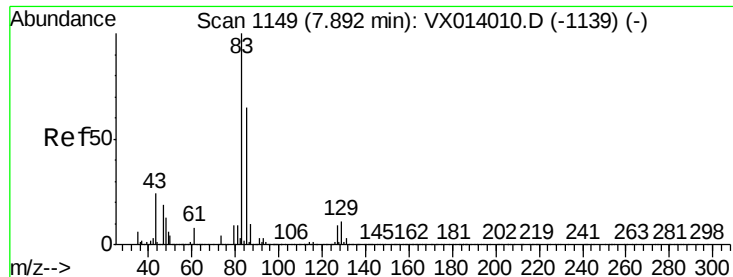
Tgt Ion: 63 Resp: 109263
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.8 38.8



#46
 Dibromomethane
 Concen: 19.658 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion: 93 Resp: 66869
 Ion Ratio Lower Upper
 93 100
 95 81.8 67.3 100.9
 174 112.7 91.6 137.4





#47

Bromodichloromethane

Concen: 19.794 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

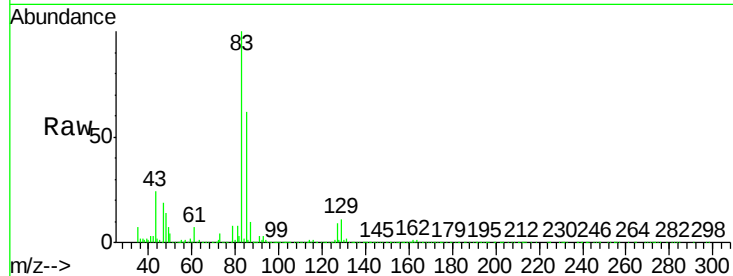
Tgt Ion: 83 Resp: 126808

Ion Ratio Lower Upper

83 100

85 61.6 51.8 77.8

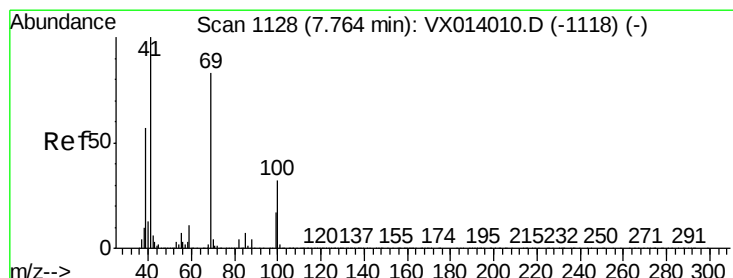
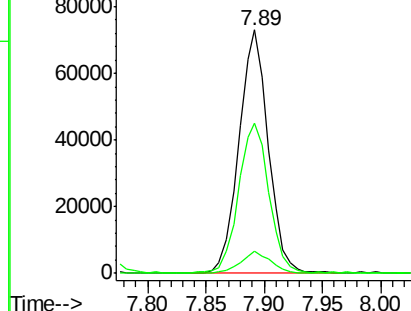
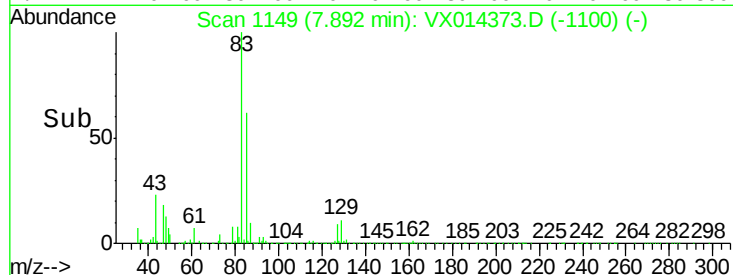
127 9.3 7.0 10.4



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: 19.757 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

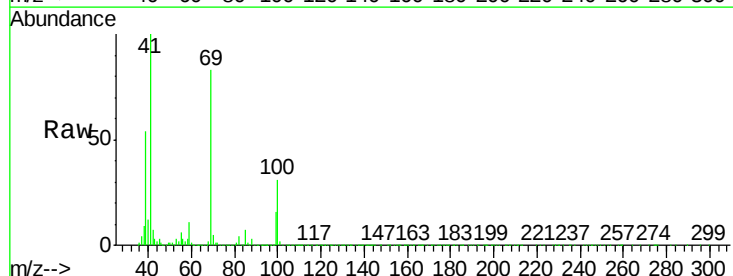
Tgt Ion: 41 Resp: 115345

Ion Ratio Lower Upper

41 100

69 84.3 65.8 98.6

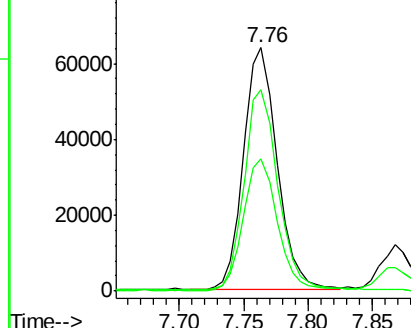
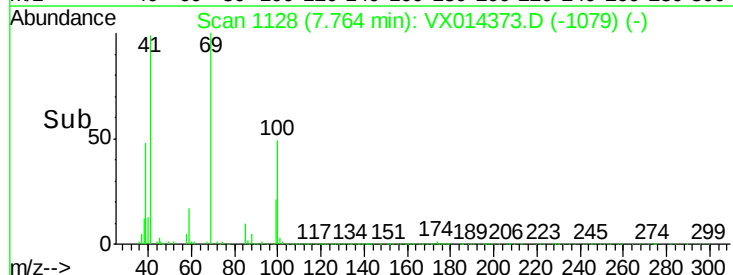
39 55.7 44.6 67.0

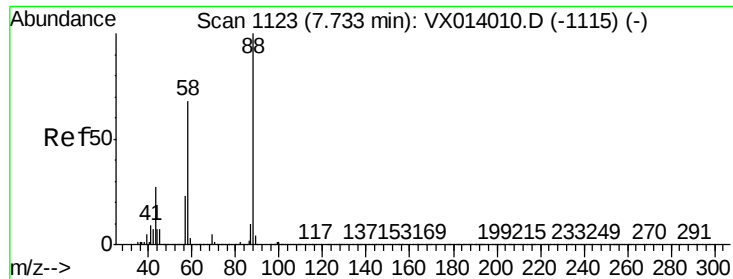


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

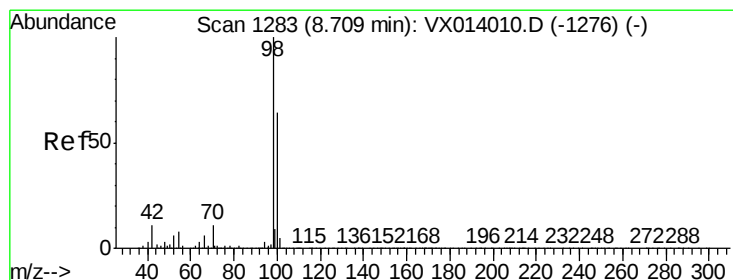
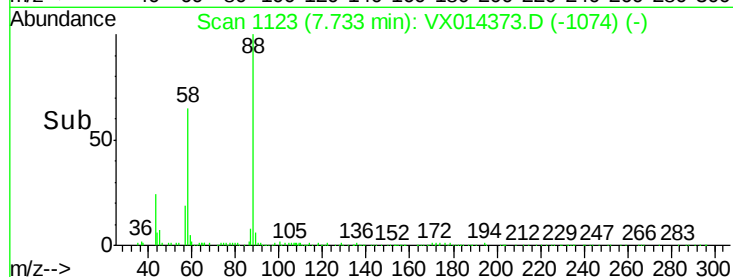
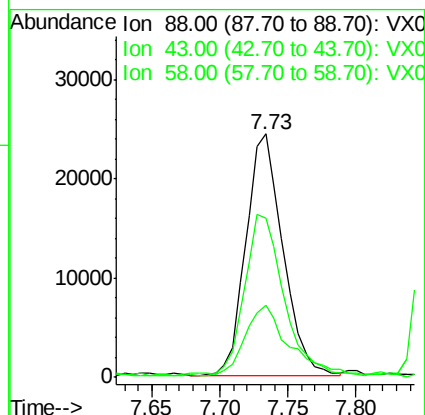
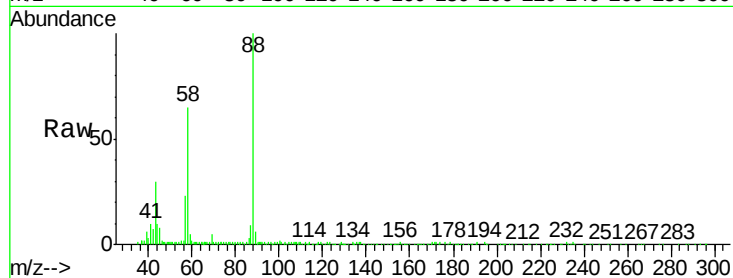




#49
1,4-Dioxane
Concen: 392.981 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

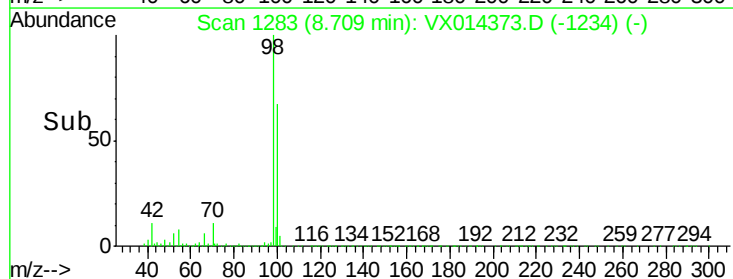
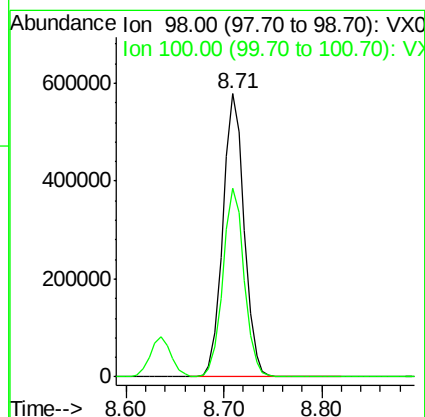
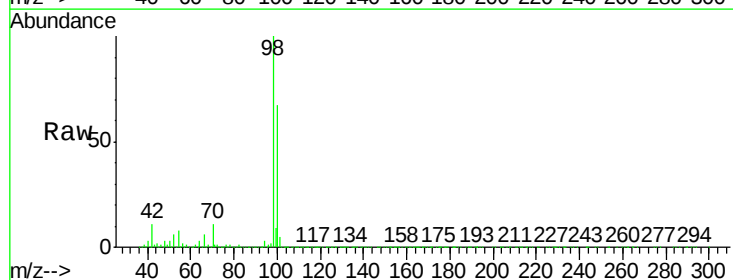
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

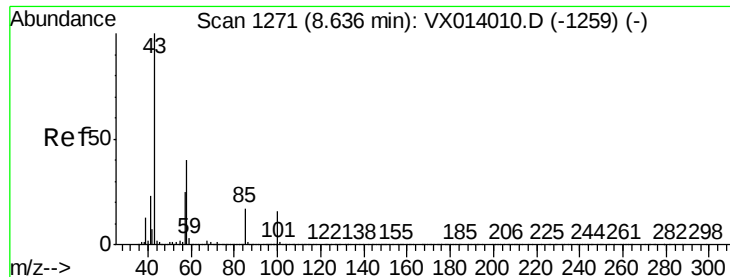
Tgt Ion: 88 Resp: 46690
Ion Ratio Lower Upper
88 100
43 33.9 26.5 39.7
58 70.4 56.8 85.2



#50
Toluene-d8
Concen: 51.876 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion: 98 Resp: 872929
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3

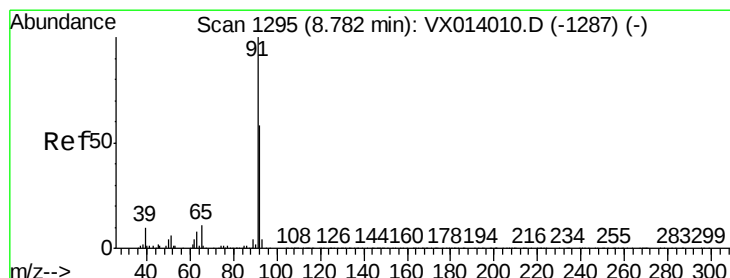
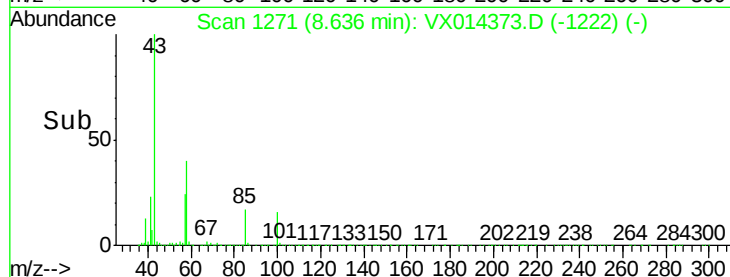
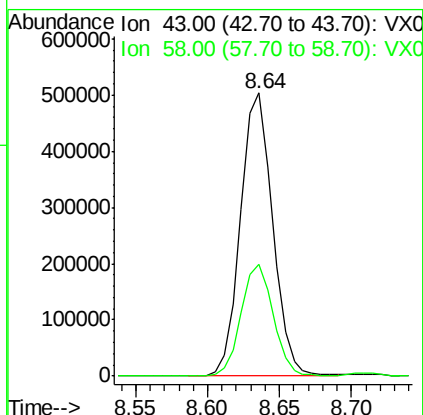
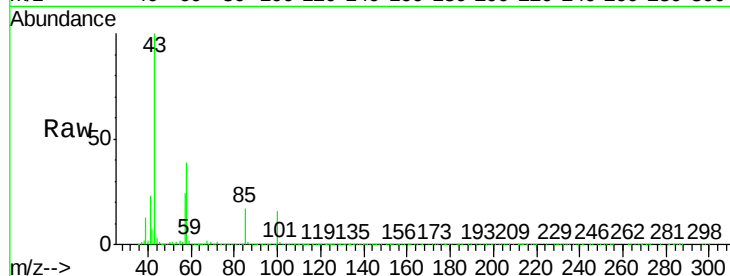




#51
 4-Methyl-2-Pentanone
 Concen: 104.295 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

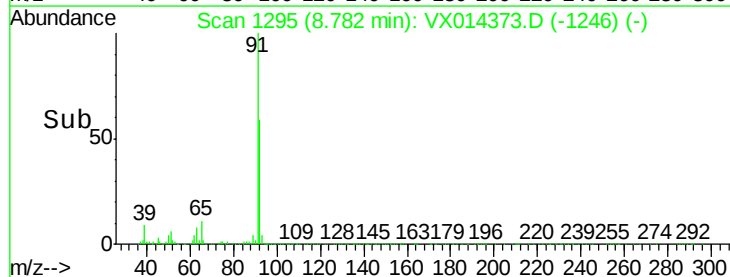
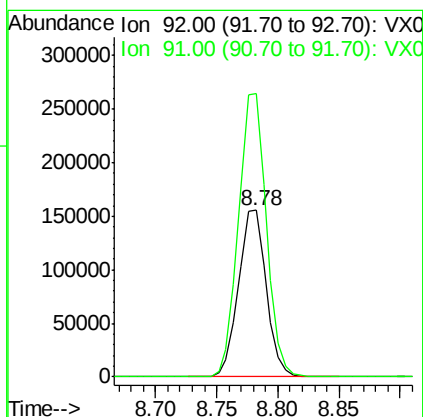
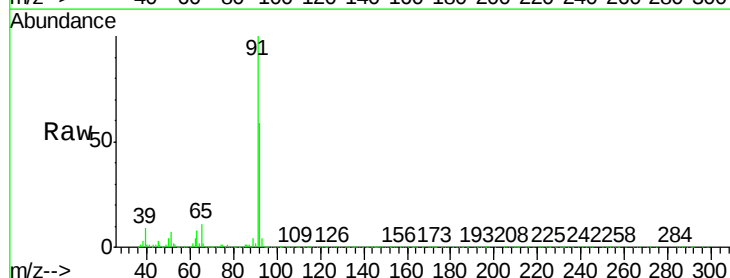
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

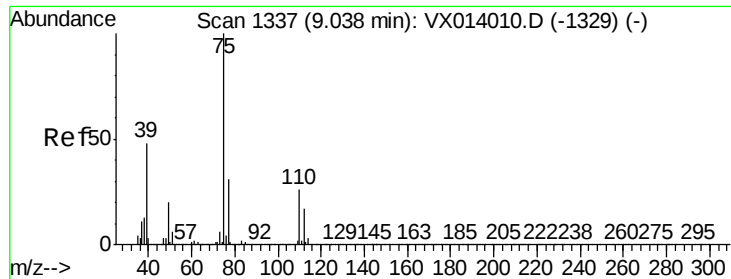
Tgt Ion: 43 Resp: 780928
 Ion Ratio Lower Upper
 43 100
 58 39.2 32.2 48.2



#52
 Toluene
 Concen: 19.264 ug/l
 RT: 8.78 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion: 92 Resp: 244413
 Ion Ratio Lower Upper
 92 100
 91 170.6 136.2 204.4

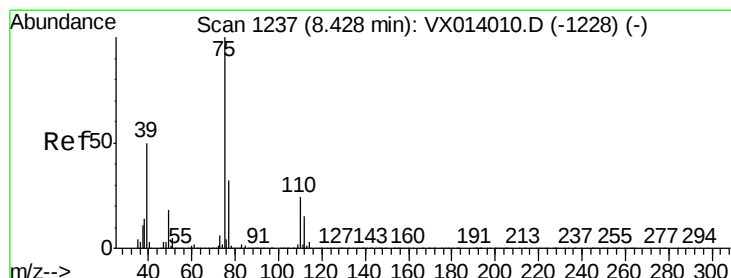
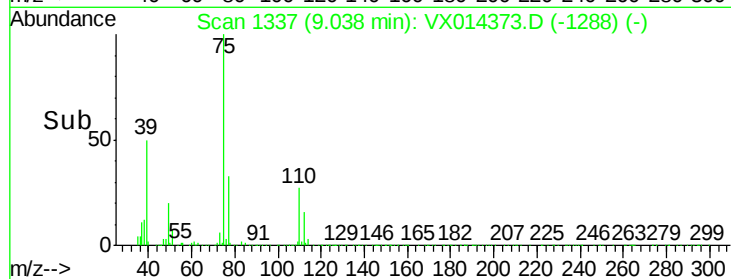
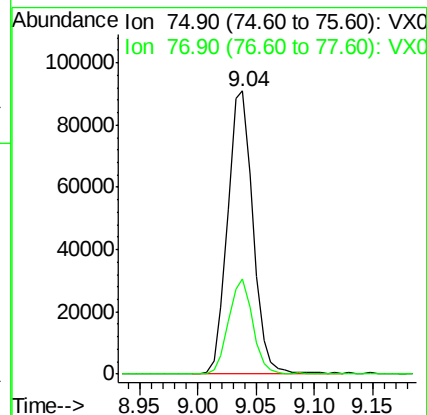
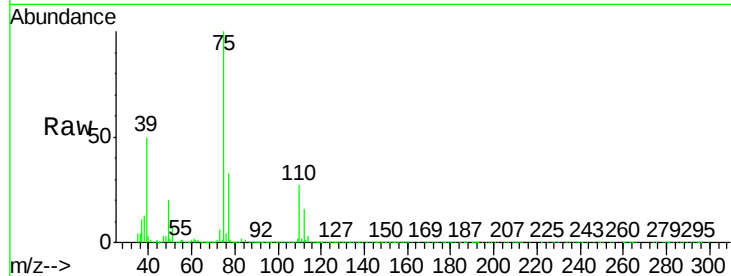




#53
t-1,3-Dichloropropene
Concen: 19.379 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

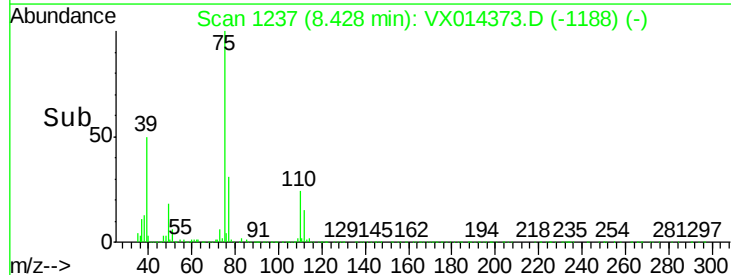
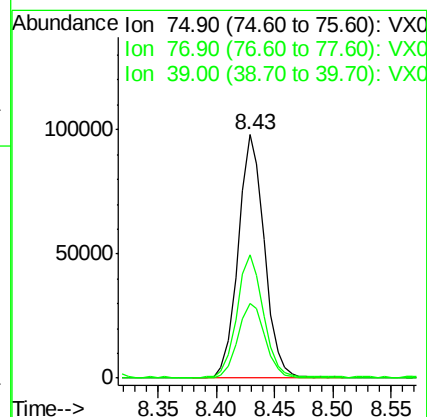
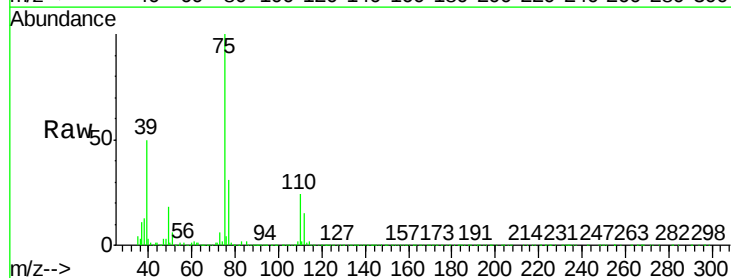
Instrument :
MSVOA_X
ClientSampled :
VX1231WBS01

Tgt Ion: 75 Resp: 136130
Ion Ratio Lower Upper
75 100
77 33.4 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.750 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion: 75 Resp: 154565
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9
39 50.1 39.9 59.9

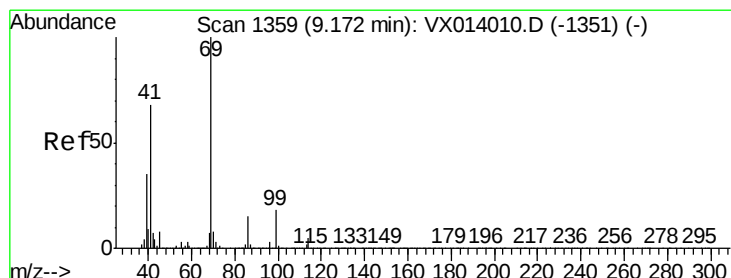
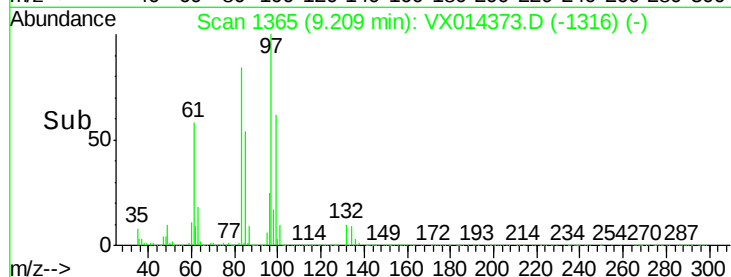
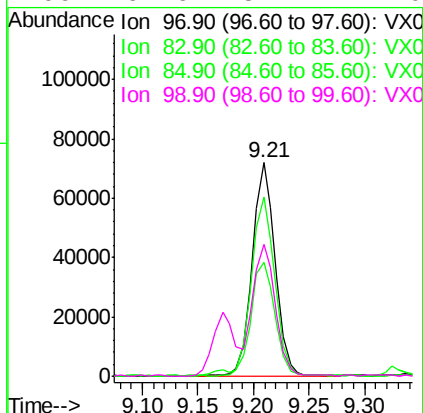
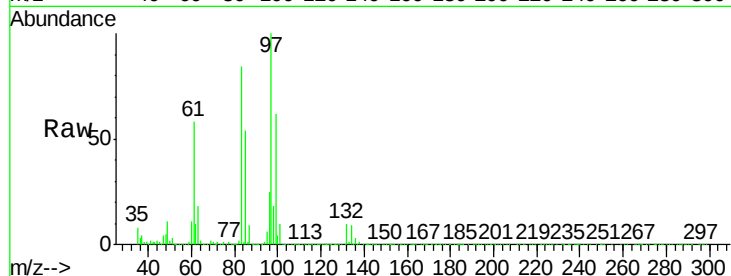




#55
 1,1,2-Trichloroethane
 Concen: 20.240 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

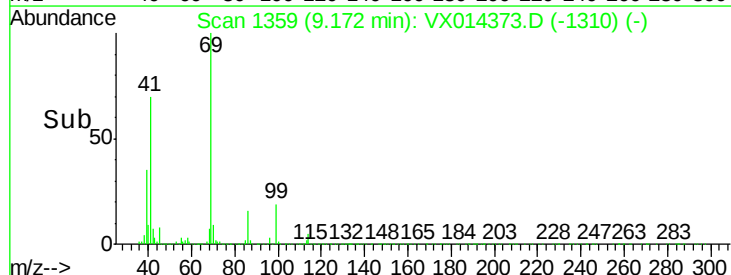
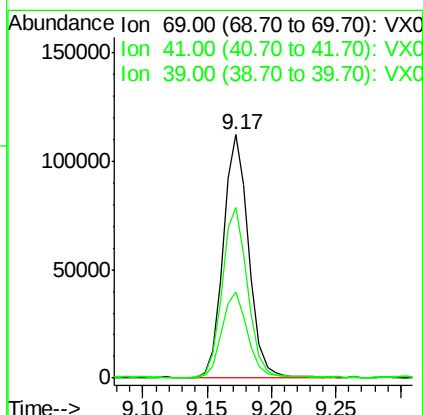
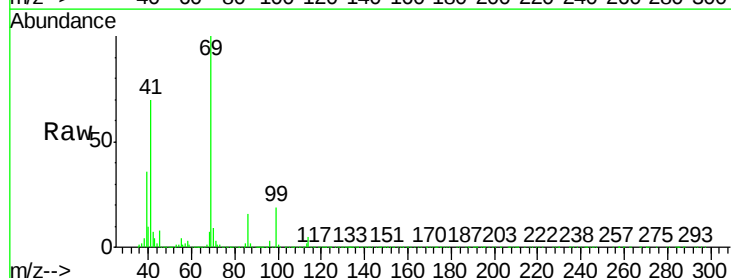
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

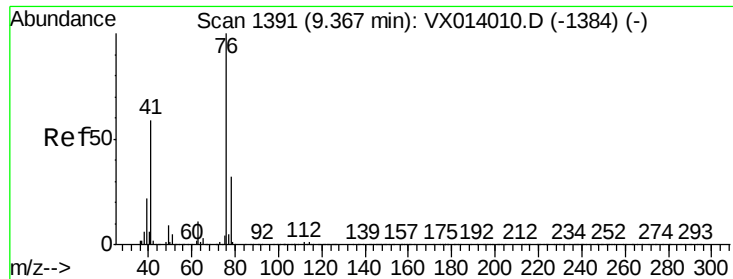
Tgt Ion:	97	Resp:	102926
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.2	102.4
85	53.5	44.6	66.8
99	61.6	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 19.467 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion:	69	Resp:	155500
Ion	Ratio	Lower	Upper
69	100		
41	70.6	54.8	82.2
39	35.7	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.014 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampled :

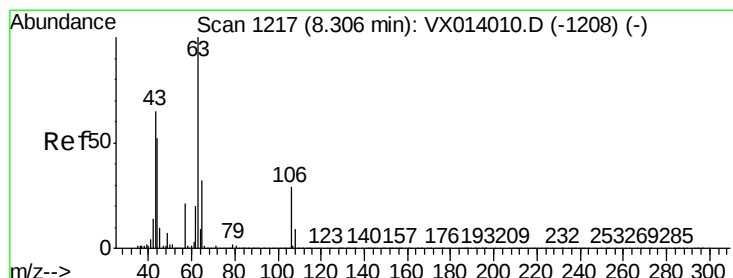
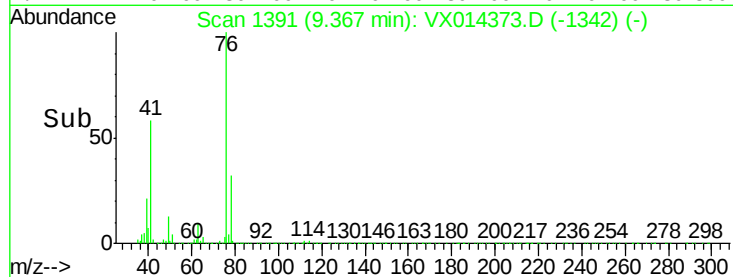
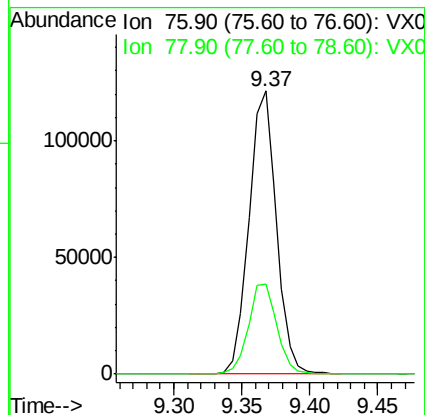
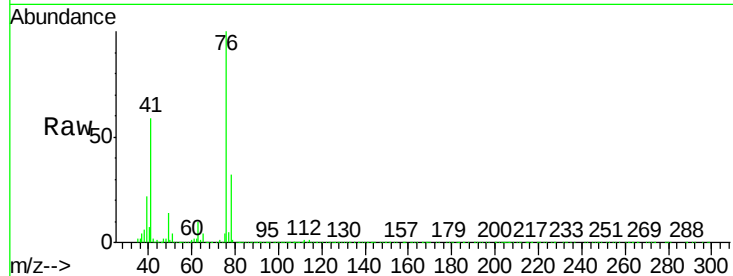
VX1231WBS01

Tgt Ion: 76 Resp: 171232

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.429 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014373.D

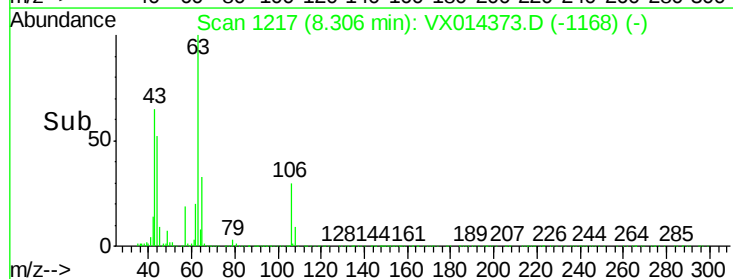
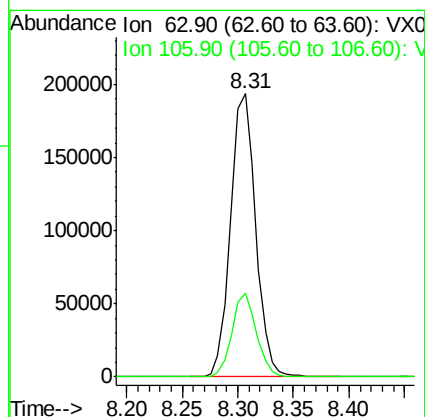
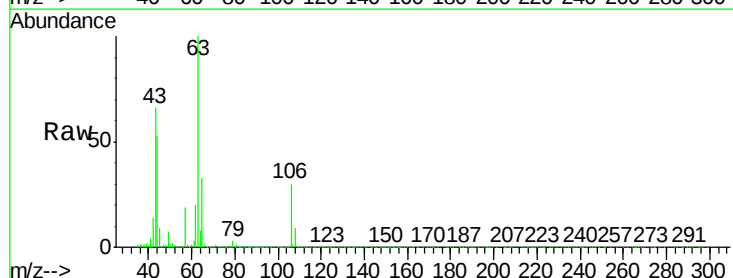
Acq: 31 Dec 2019 12:24

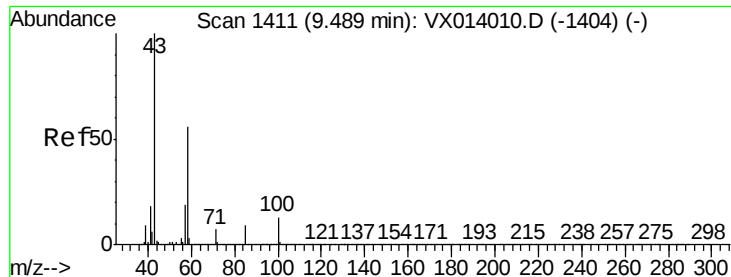
Tgt Ion: 63 Resp: 303589

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.6

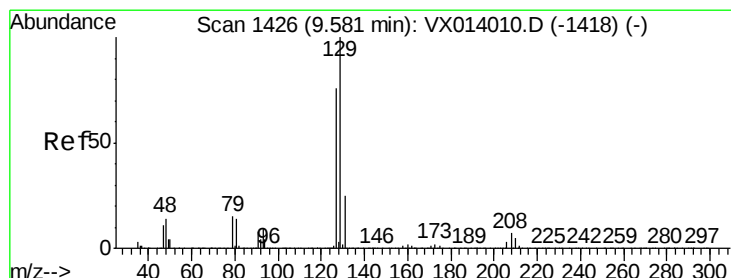
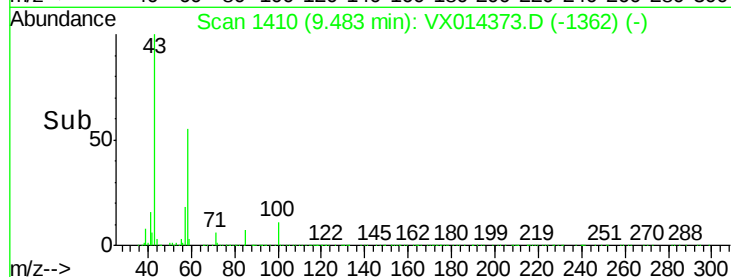
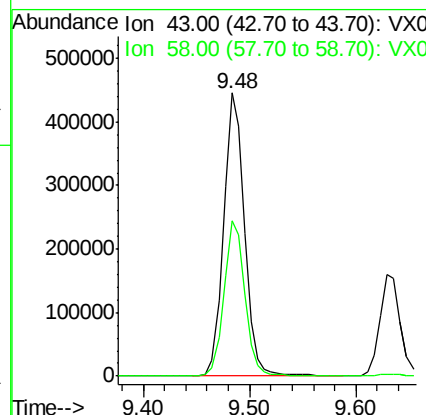
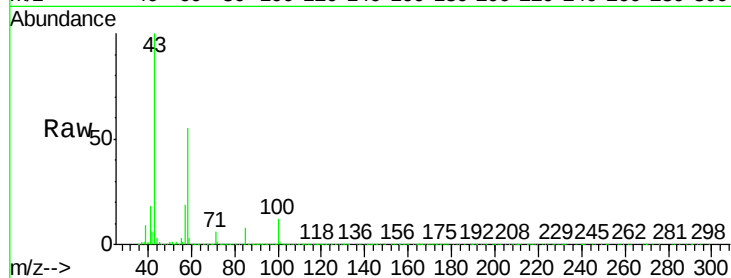




#59
2-Hexanone
Concen: 100.372 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

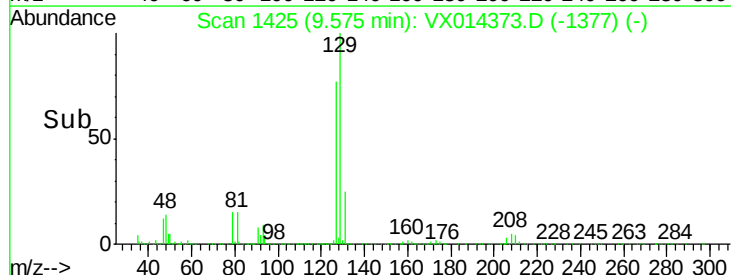
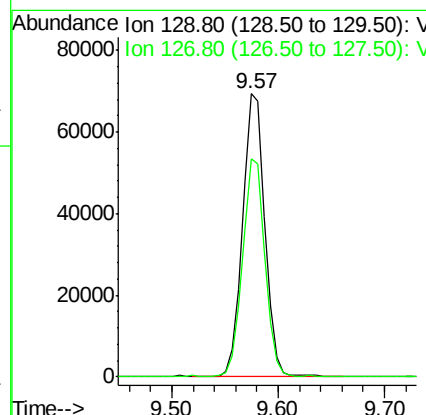
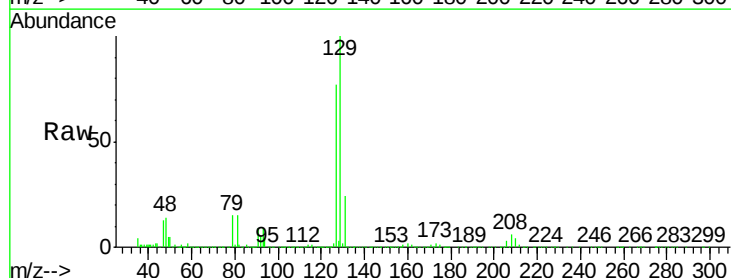
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

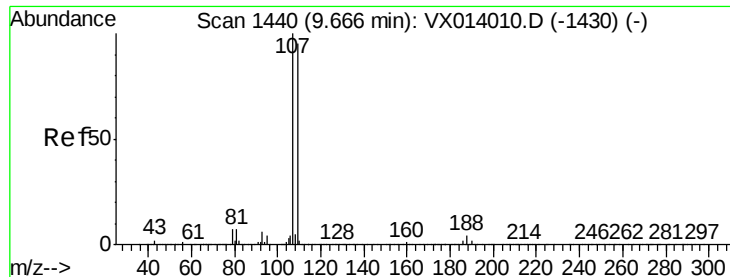
Tgt Ion: 43 Resp: 605005
Ion Ratio Lower Upper
43 100
58 55.4 28.0 84.0



#60
Dibromochloromethane
Concen: 20.254 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion: 129 Resp: 102376
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.039 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

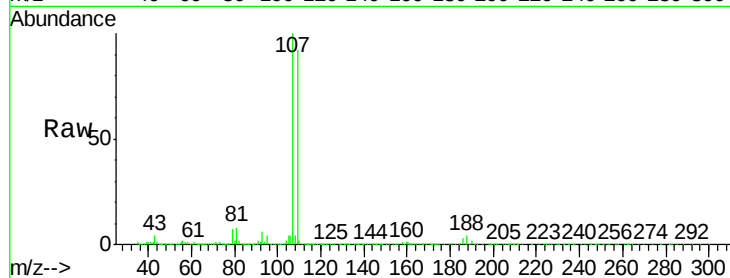
VX1231WBS01

Tgt Ion: 107 Resp: 104260

Ion Ratio Lower Upper

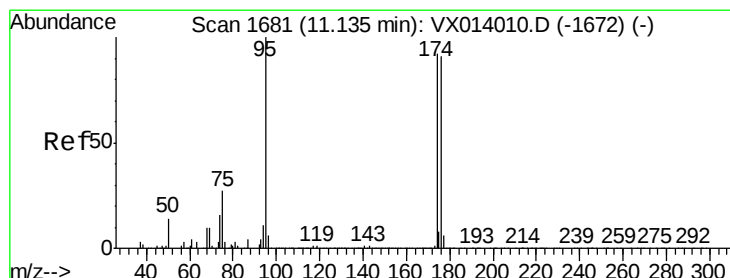
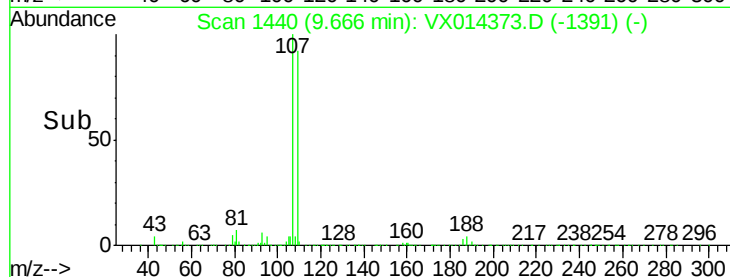
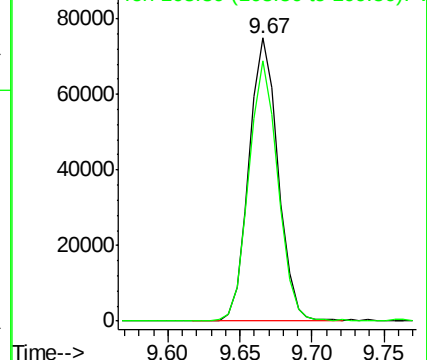
107 100

109 92.8 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.586 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

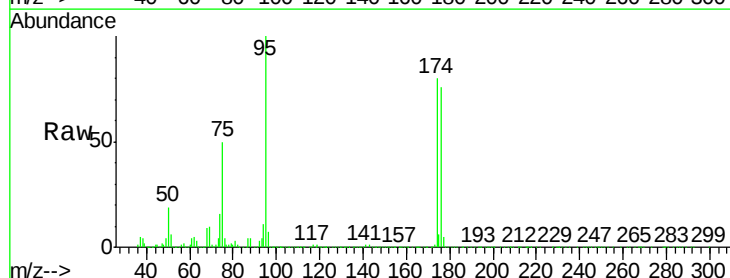
Tgt Ion: 95 Resp: 311161

Ion Ratio Lower Upper

95 100

174 86.8 0.0 175.8

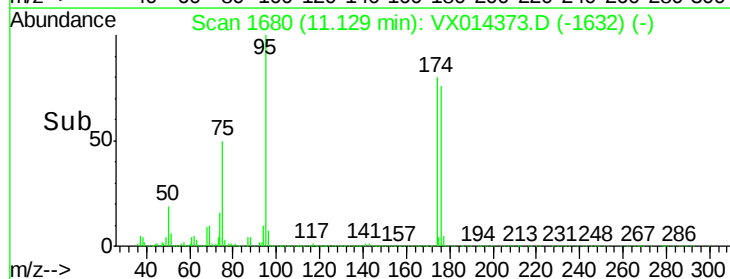
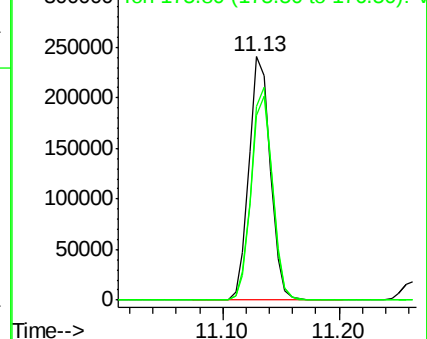
176 83.7 0.0 173.0

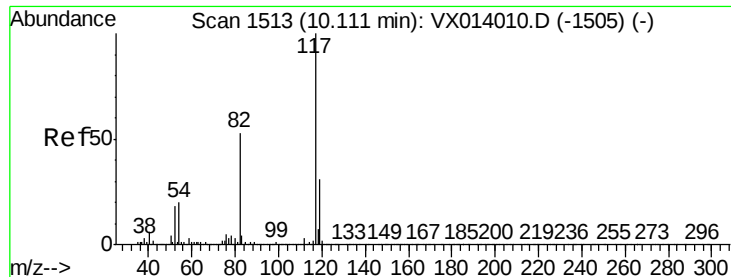


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

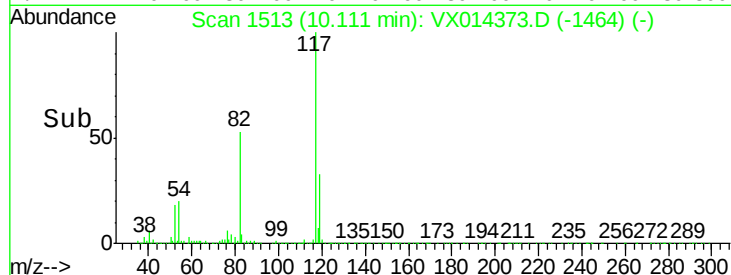
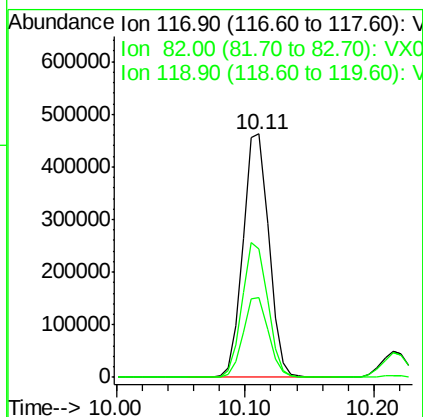
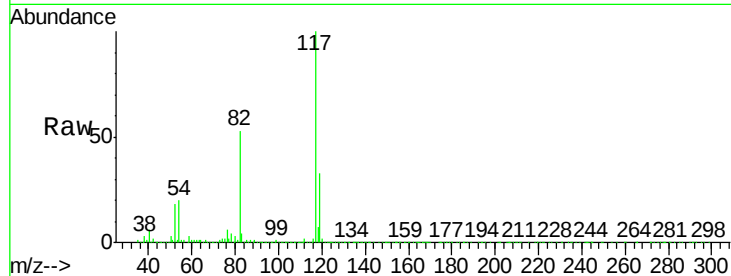




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

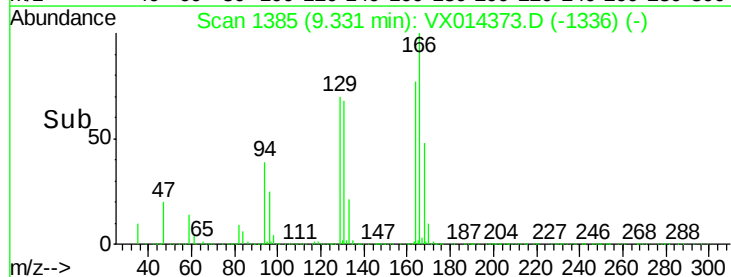
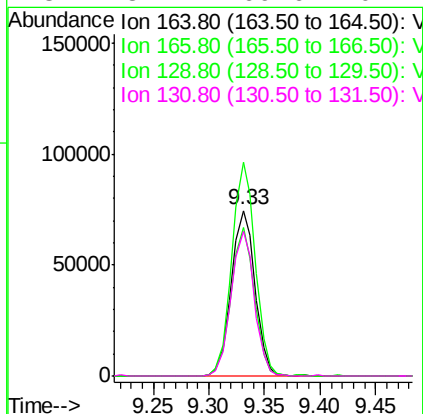
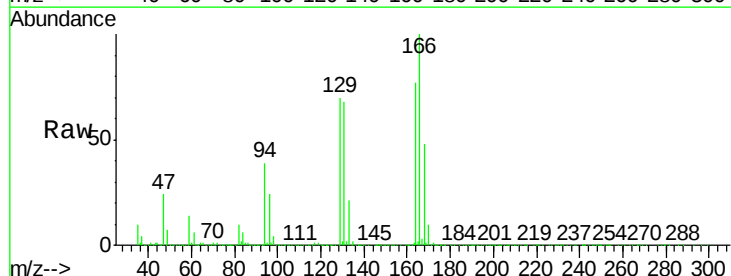
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tgt Ion:117 Resp: 638024
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.4
119 32.9 25.1 37.7



#64
Tetrachloroethene
Concen: 19.609 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion:164 Resp: 110706
Ion Ratio Lower Upper
164 100
166 129.0 104.0 156.0
129 89.7 72.2 108.4
131 87.7 69.6 104.4





#65

Chlorobenzene

Concen: 19.380 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

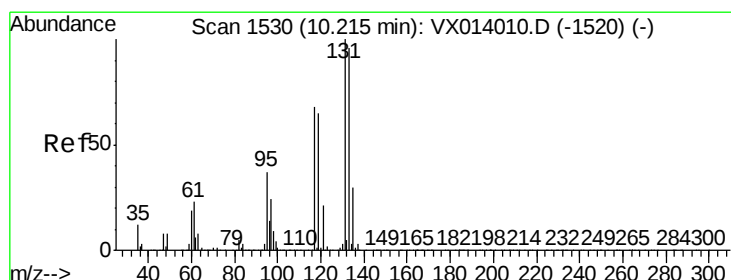
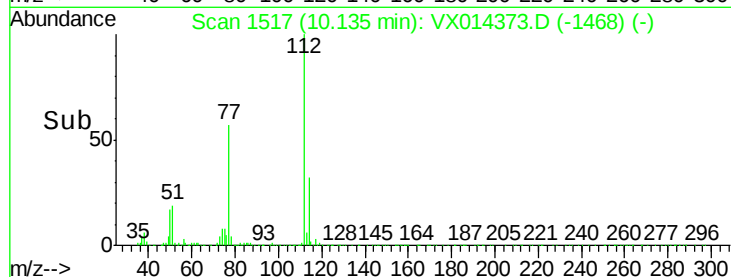
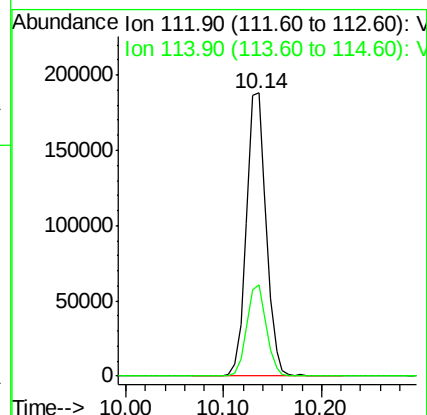
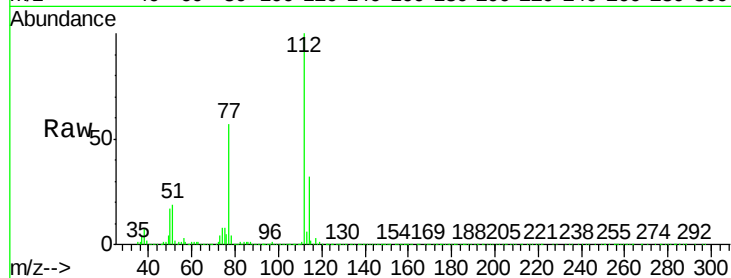
VX1231WBS01

Tgt Ion:112 Resp: 262914

Ion Ratio Lower Upper

112 100

114 32.3 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.621 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

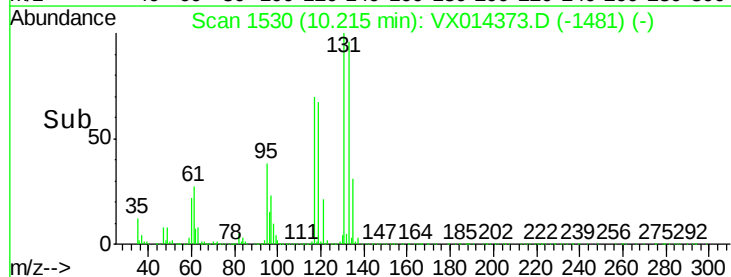
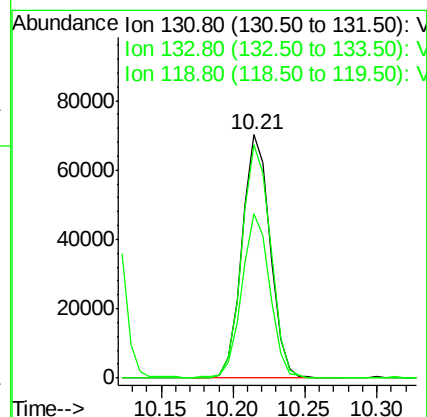
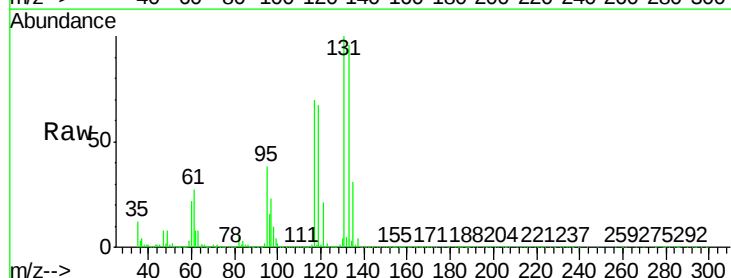
Tgt Ion:131 Resp: 95039

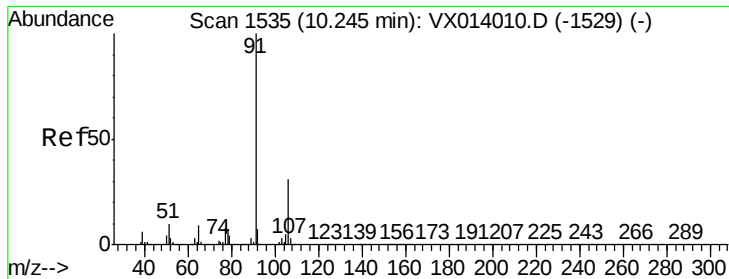
Ion Ratio Lower Upper

131 100

133 98.2 48.0 144.0

119 66.6 33.4 100.2





#67

Ethyl Benzene

Concen: 19.466 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

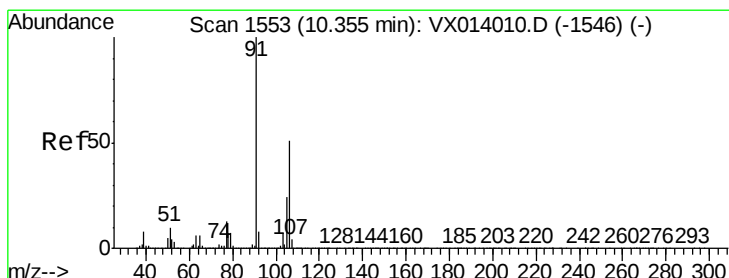
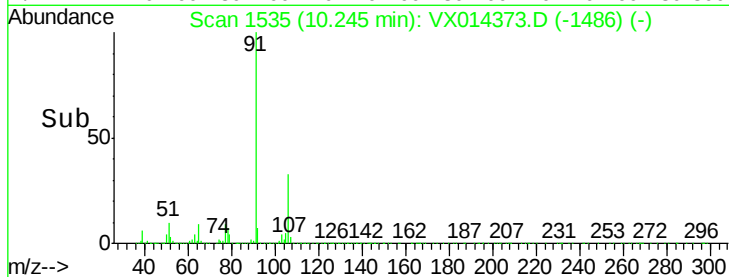
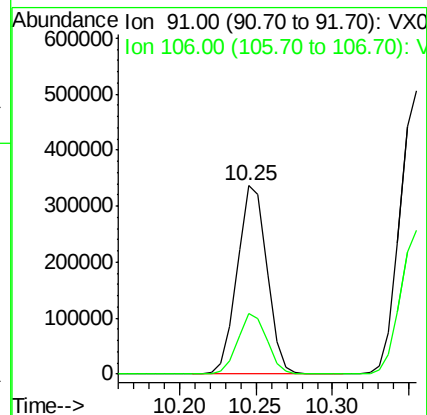
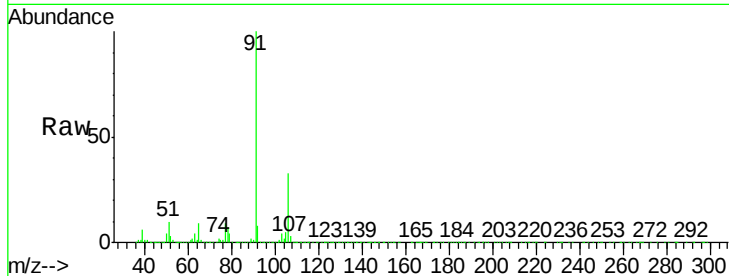
VX1231WBS01

Tgt Ion: 91 Resp: 453995

Ion Ratio Lower Upper

91 100

106 32.5 25.0 37.6



#68

m/p-Xylenes

Concen: 38.704 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014373.D

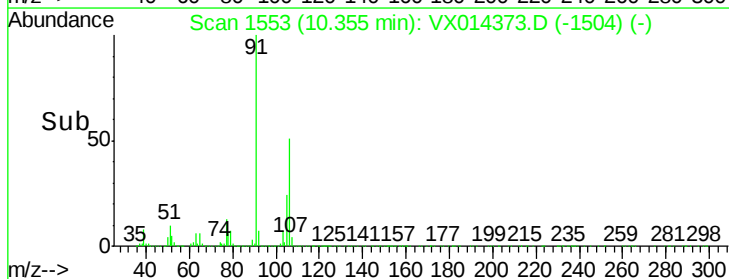
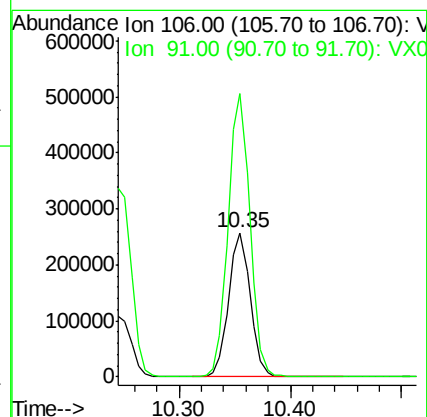
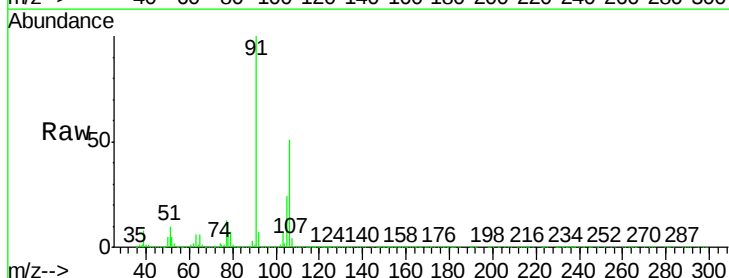
Acq: 31 Dec 2019 12:24

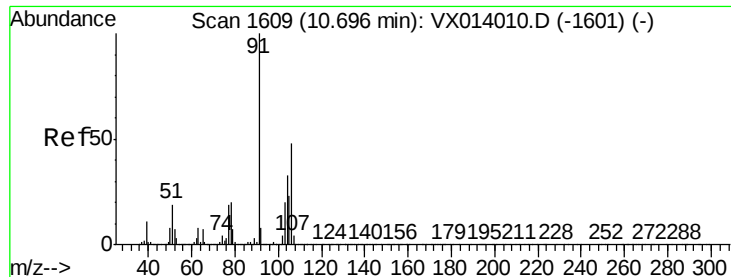
Tgt Ion: 106 Resp: 347186

Ion Ratio Lower Upper

106 100

91 197.3 158.6 238.0

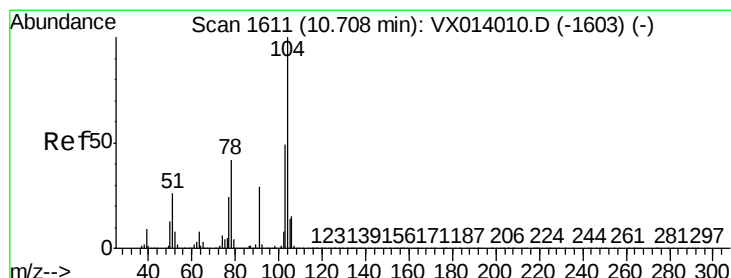
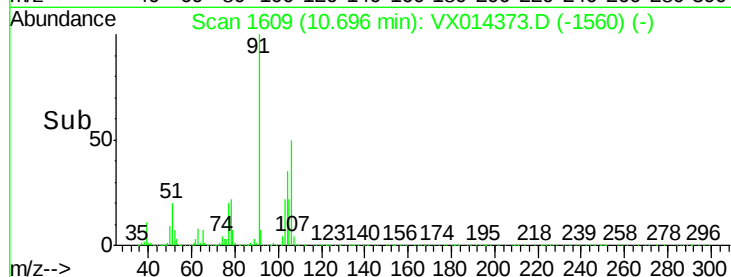
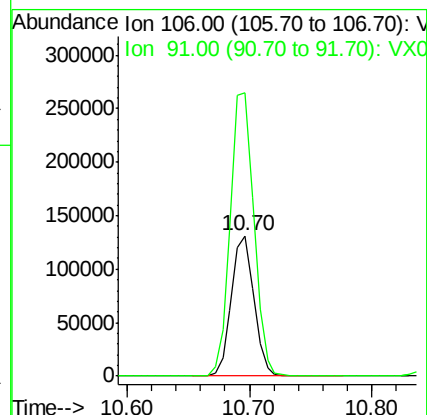
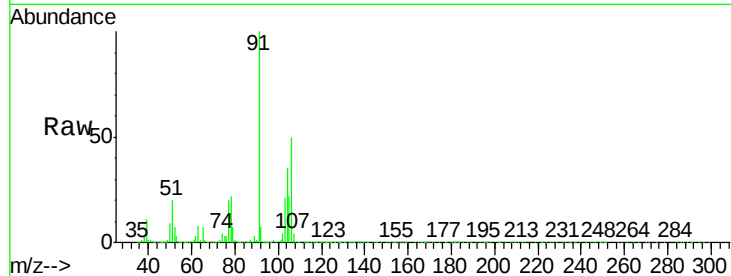




#69
o-Xylene
Concen: 19.023 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

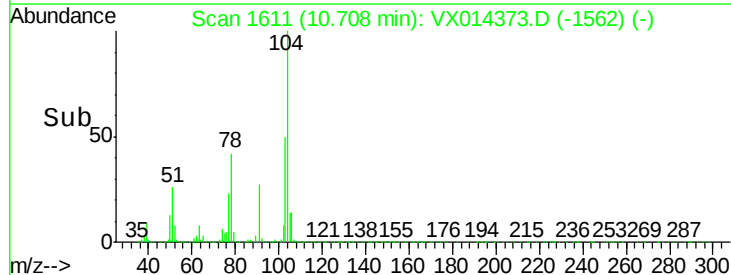
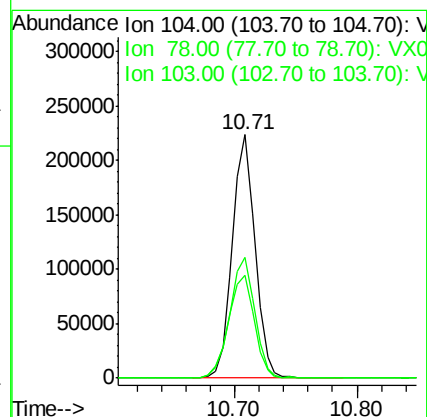
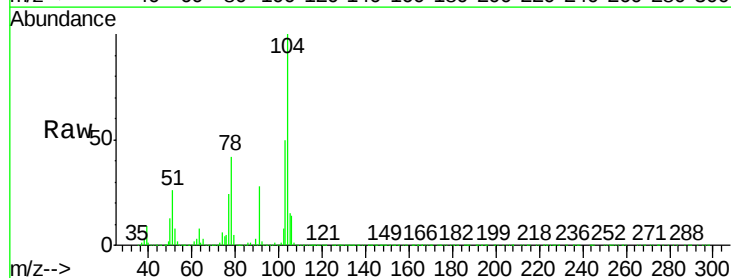
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

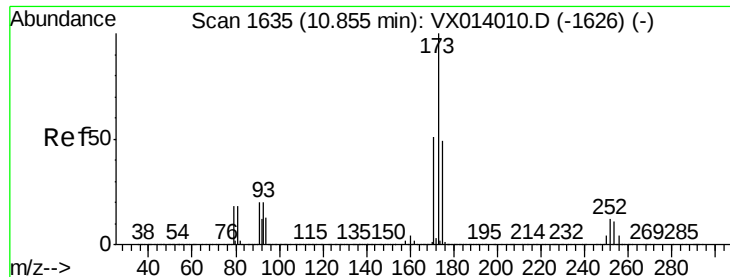
Tgt Ion:106 Resp: 167357
Ion Ratio Lower Upper
106 100
91 210.8 104.2 312.6



#70
Styrene
Concen: 19.227 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion:104 Resp: 286038
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 54.3 42.9 64.3





#71

Bromoform

Concen: 18.683 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

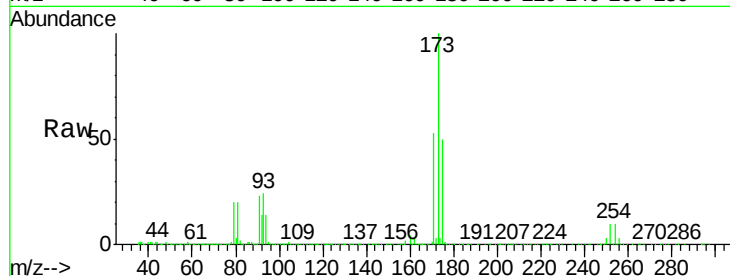
Tgt Ion:173 Resp: 72743

Ion Ratio Lower Upper

173 100

175 49.9 24.4 73.4

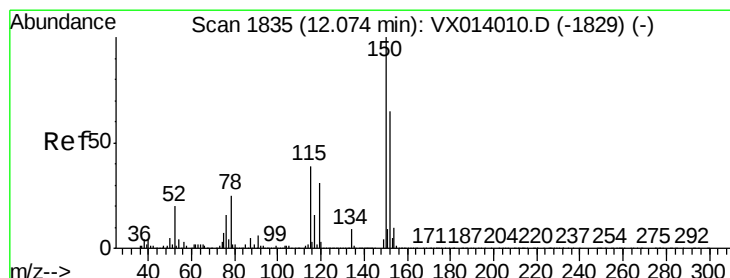
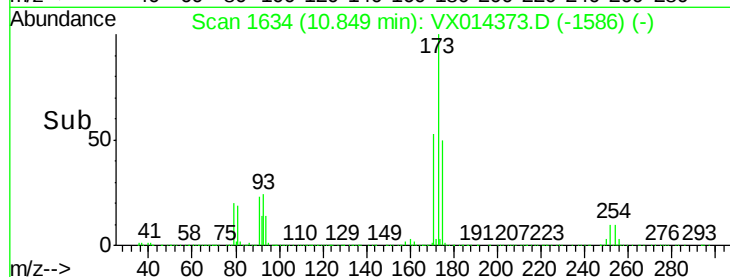
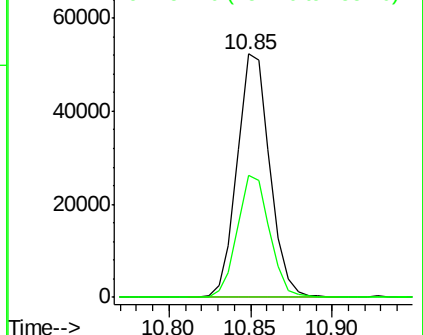
254 0.4 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

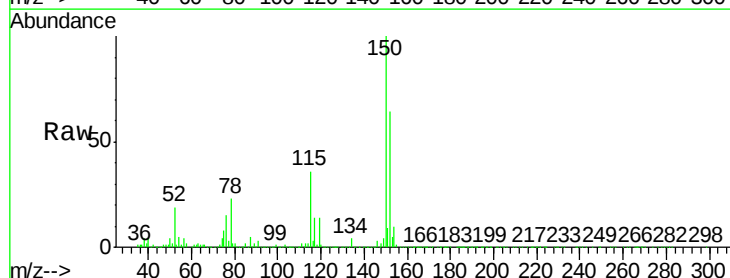
Tgt Ion:152 Resp: 314308

Ion Ratio Lower Upper

152 100

115 63.7 38.3 114.9

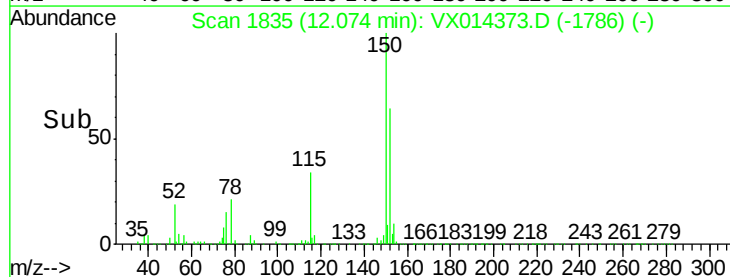
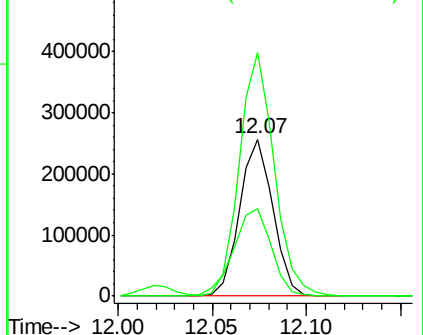
150 161.8 0.0 345.4

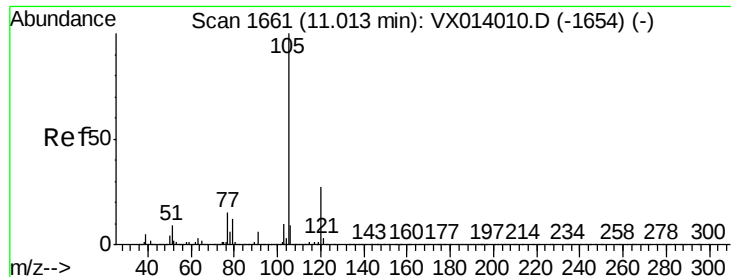


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.274 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

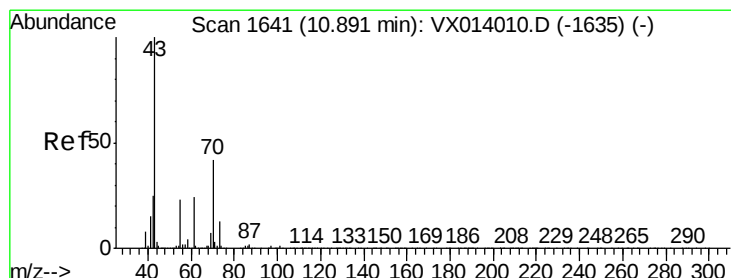
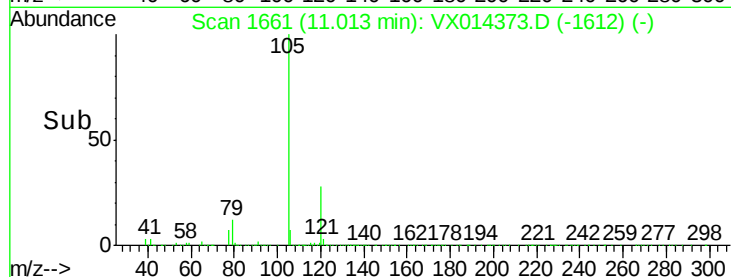
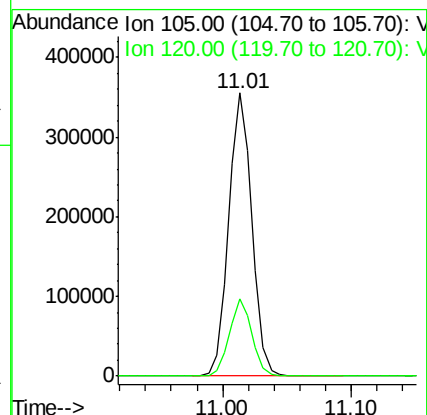
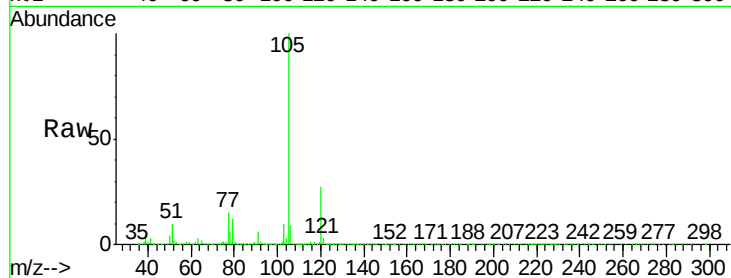
VX1231WBS01

Tgt Ion:105 Resp: 448667

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



#74

N-ethyl acetate

Concen: 19.311 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Tgt Ion: 43 Resp: 200314

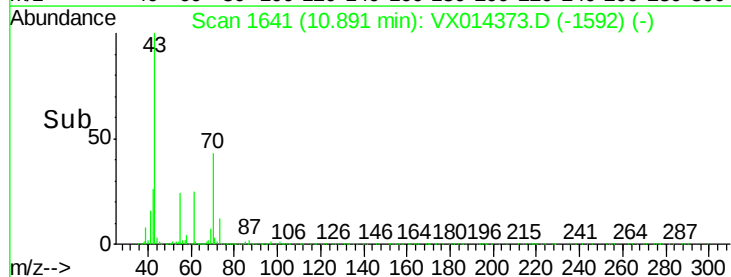
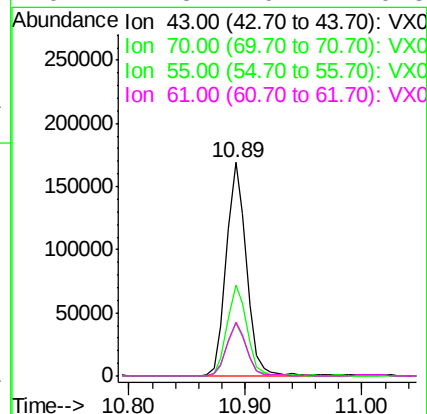
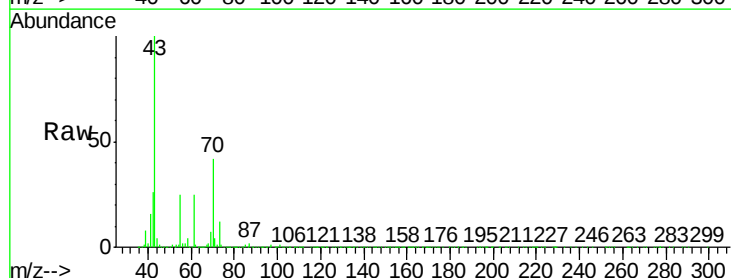
Ion Ratio Lower Upper

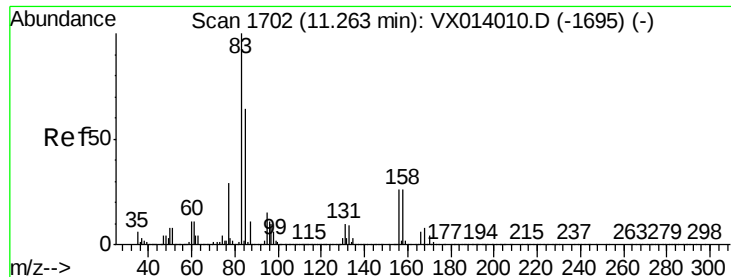
43 100

70 42.8 34.4 51.6

55 23.9 19.1 28.7

61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.553 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

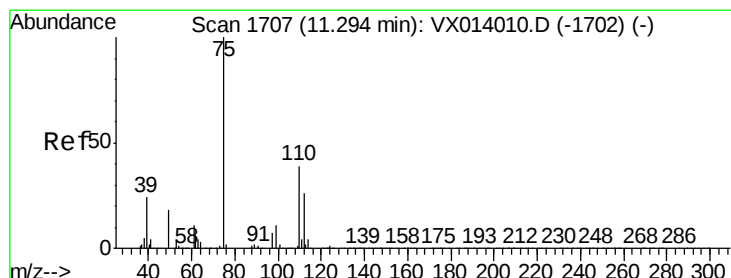
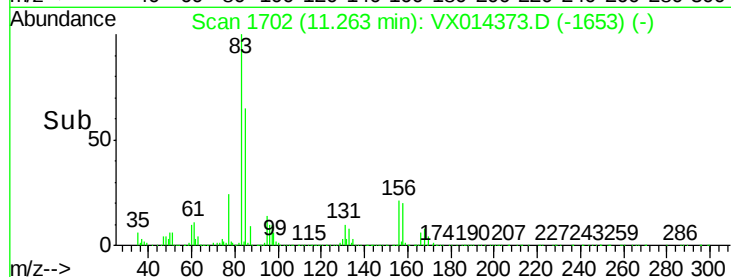
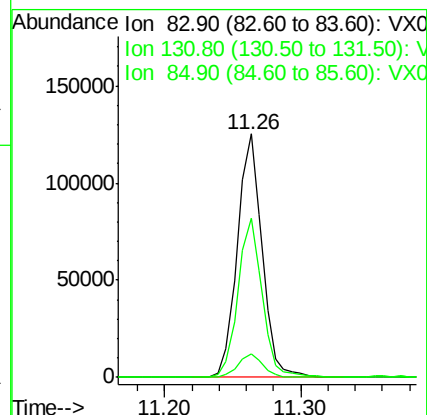
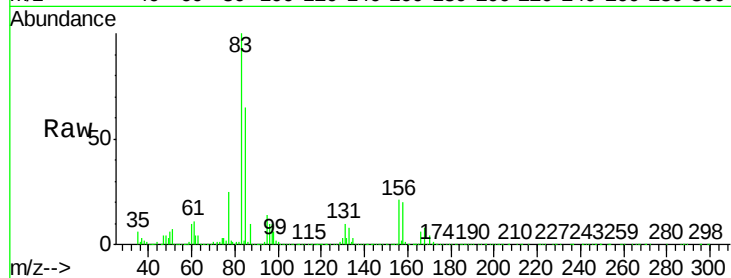
Tgt Ion: 83 Resp: 157689

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

85 63.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 25.247 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014373.D

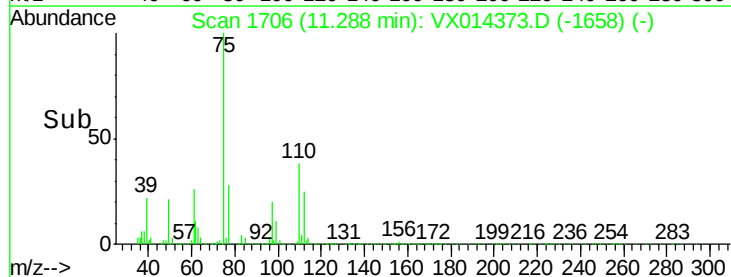
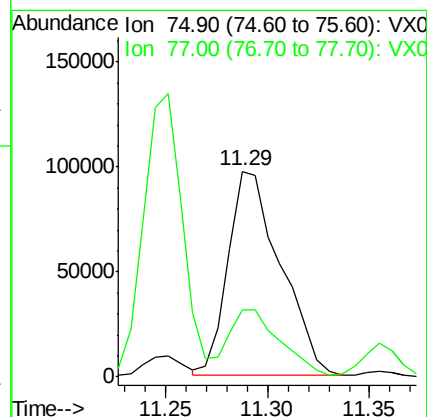
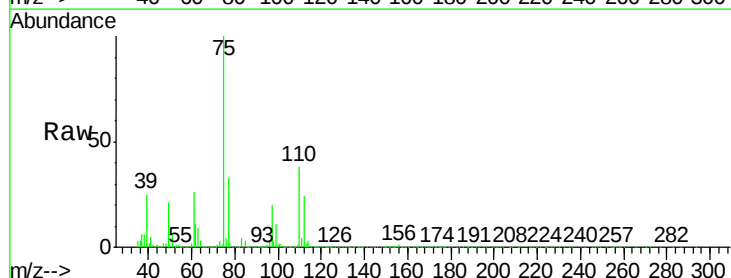
Acq: 31 Dec 2019 12:24

Tgt Ion: 75 Resp: 172277

Ion Ratio Lower Upper

75 100

77 31.3 19.3 57.8

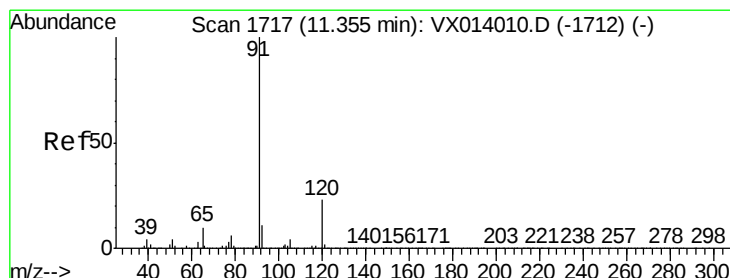
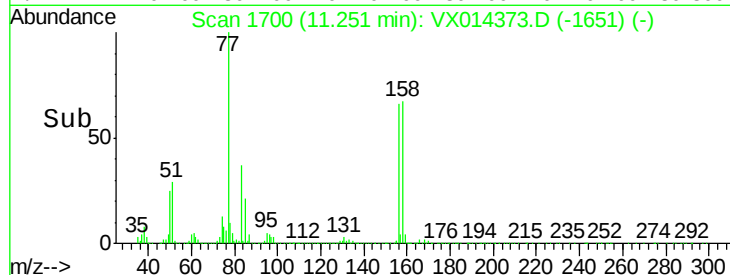
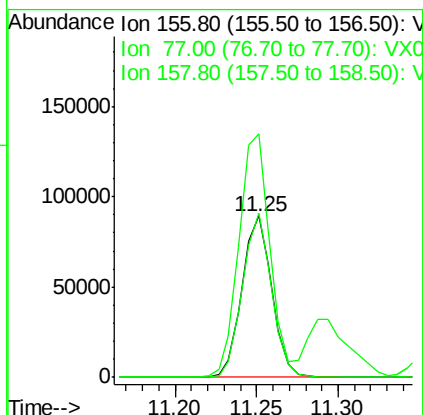
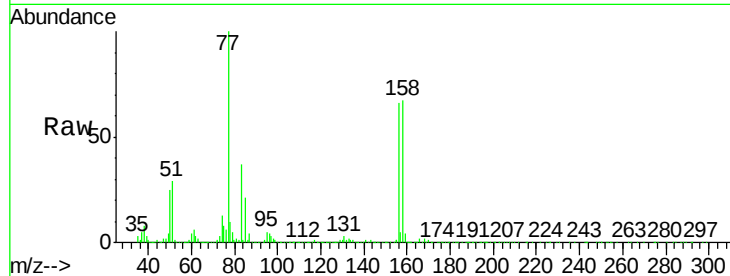




#77
Bromobenzene
Concen: 18.758 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

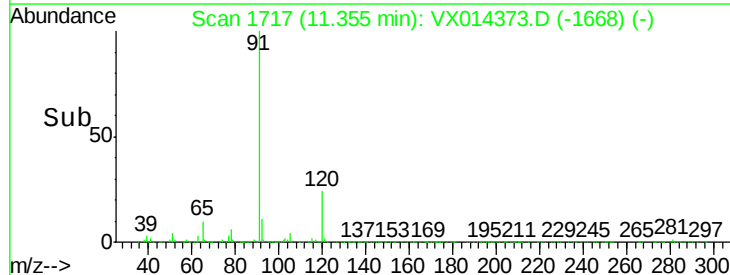
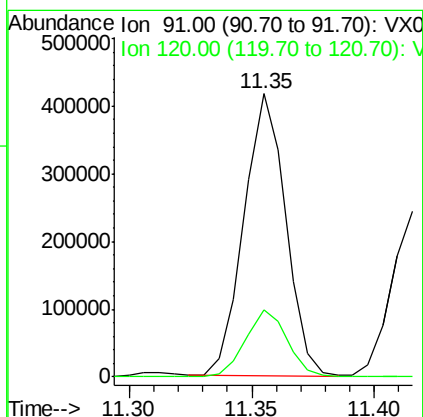
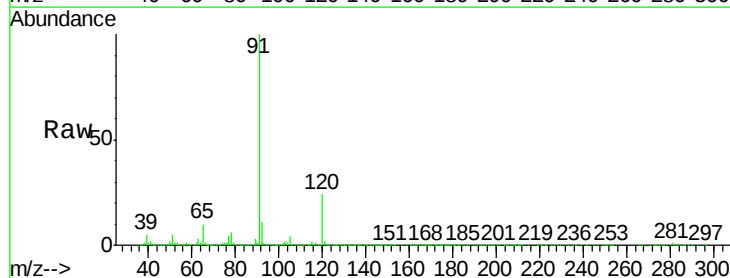
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

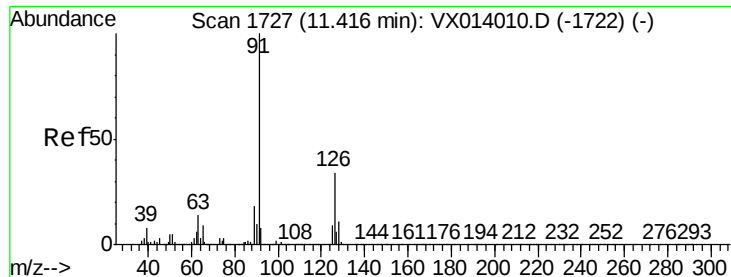
Tgt Ion: 156 Resp: 114212
Ion Ratio Lower Upper
156 100
77 154.9 76.5 229.5
158 99.2 49.3 147.9



#78
n-propylbenzene
Concen: 20.017 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion: 91 Resp: 496859
Ion Ratio Lower Upper
91 100
120 23.7 11.7 35.0

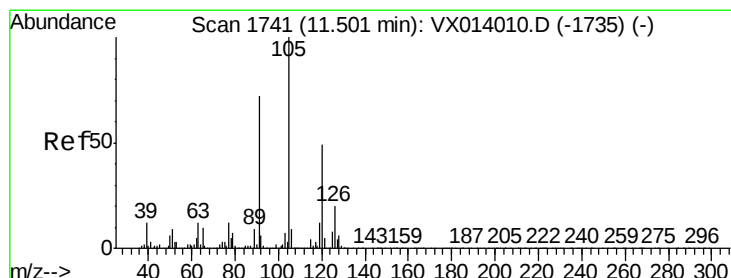
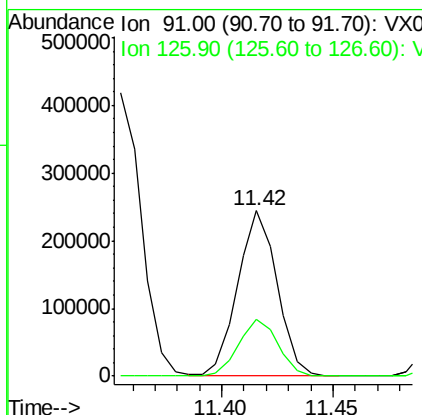
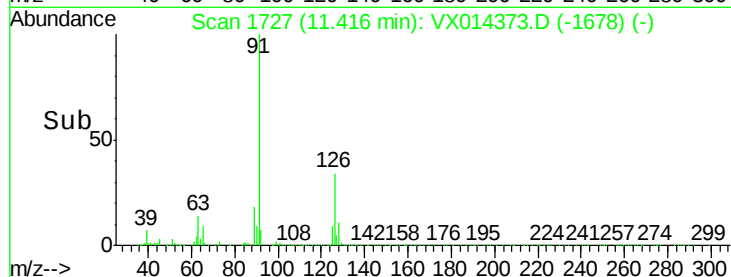
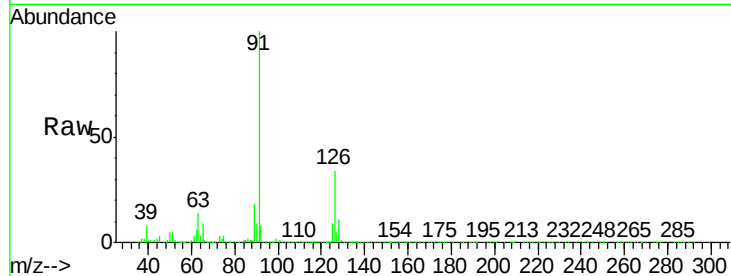




#79
 2-Chlorotoluene
 Concen: 19.913 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

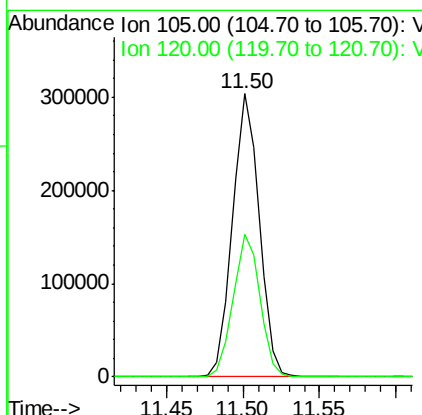
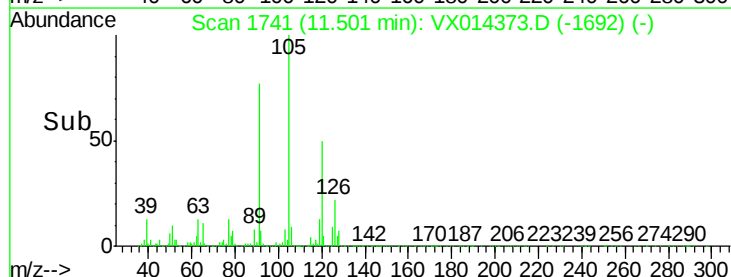
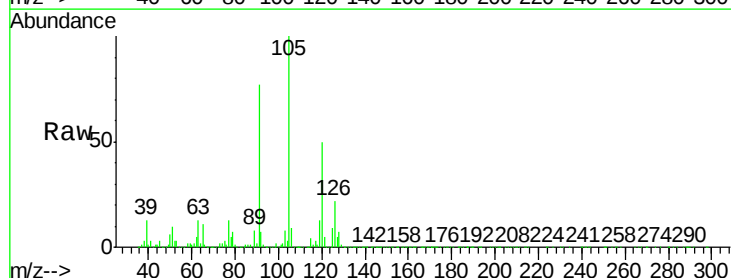
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

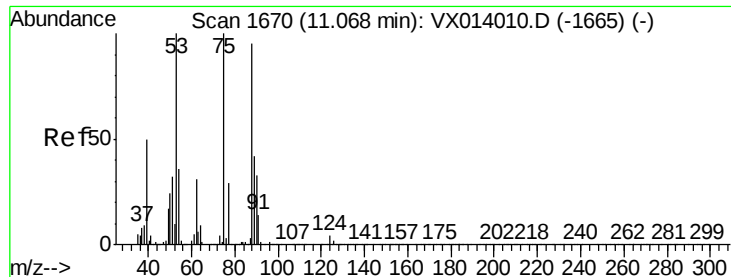
Tgt Ion: 91 Resp: 300471
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.683 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion: 105 Resp: 366591
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.621 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

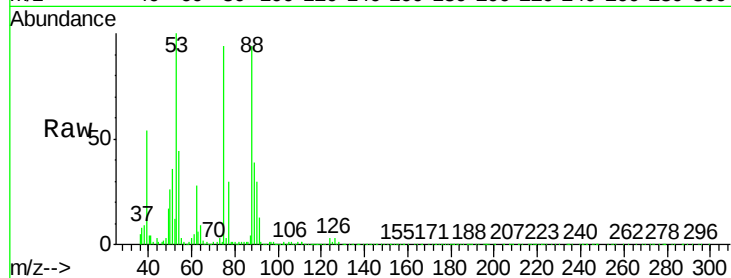
Tgt Ion: 75 Resp: 45016

Ion Ratio Lower Upper

75 100

53 106.3 76.7 115.1

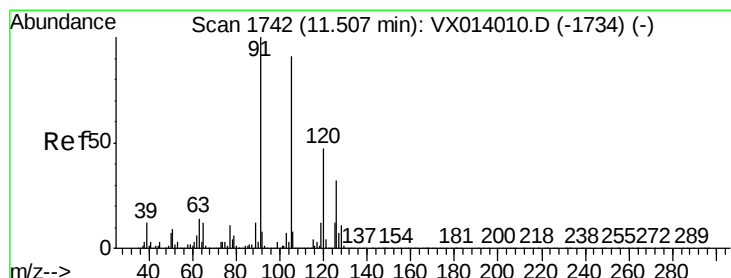
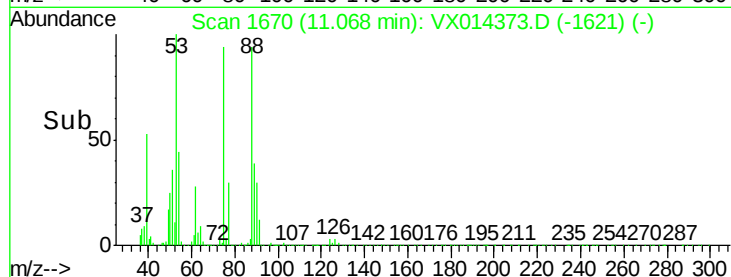
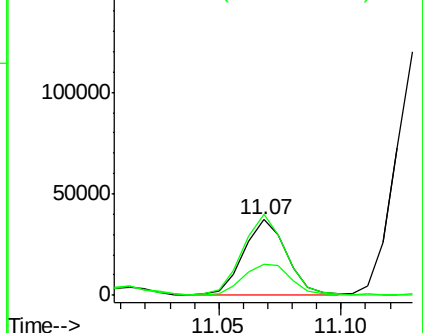
89 47.6 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.314 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014373.D

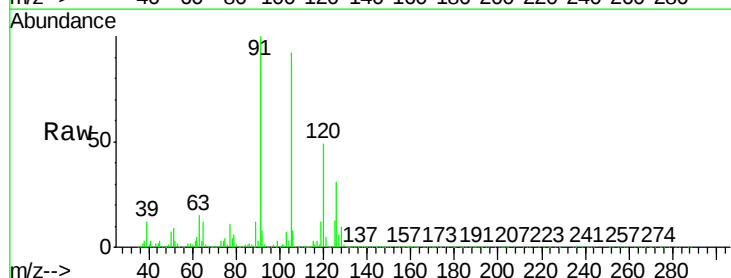
Acq: 31 Dec 2019 12:24

Tgt Ion: 91 Resp: 338041

Ion Ratio Lower Upper

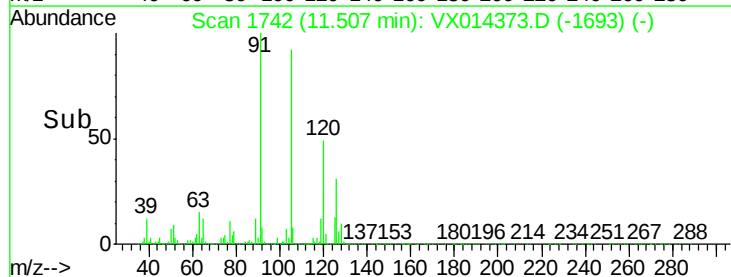
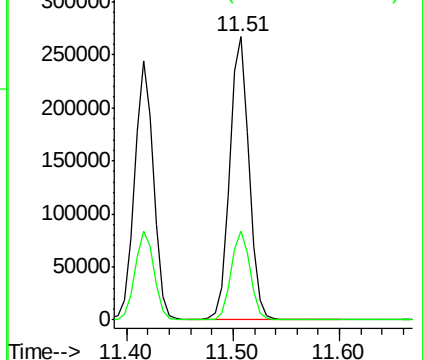
91 100

126 31.1 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

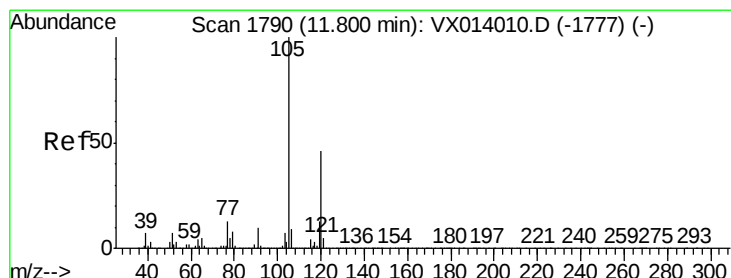
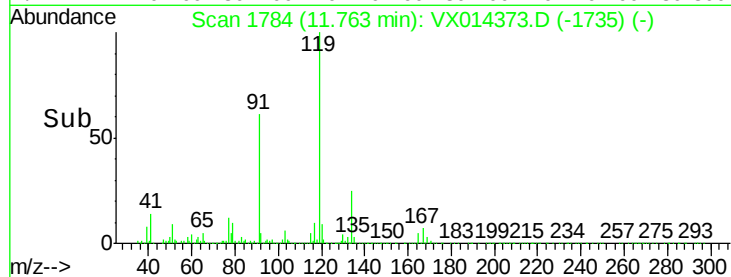
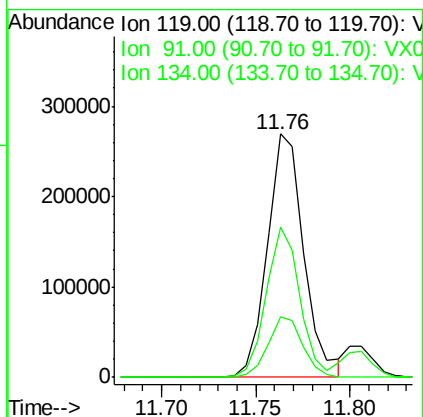
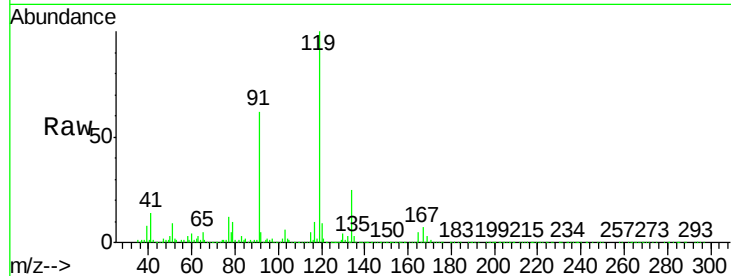




#83
 tert-Butylbenzene
 Concen: 19.895 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

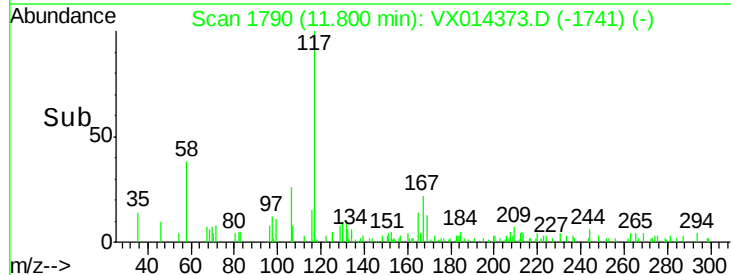
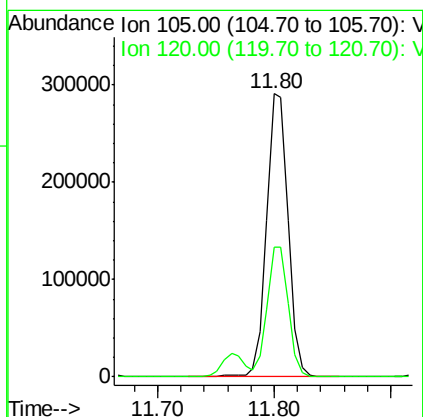
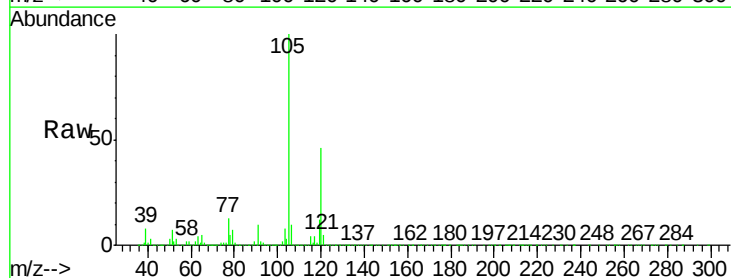
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

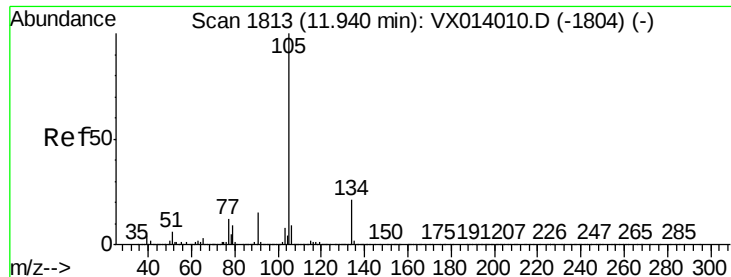
Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.7	28.5	85.6
134	23.9	12.2	36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.118 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 20.007 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

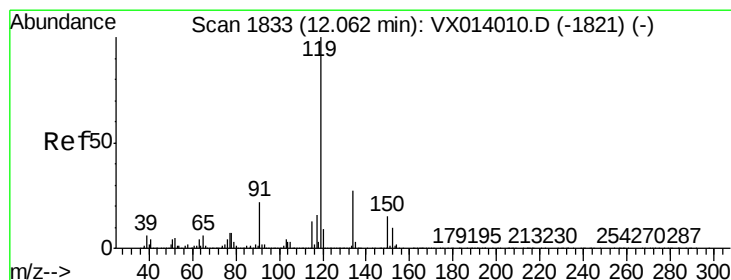
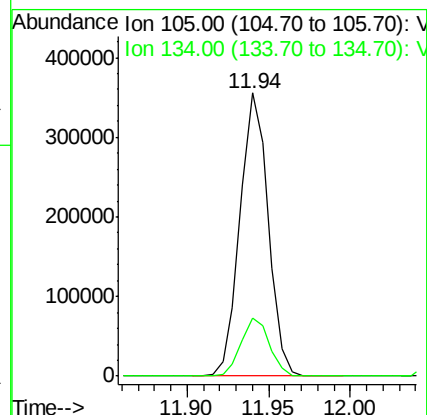
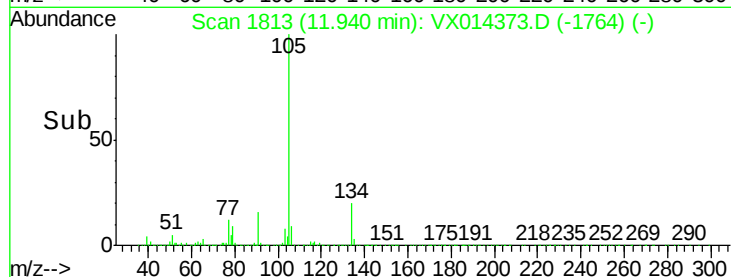
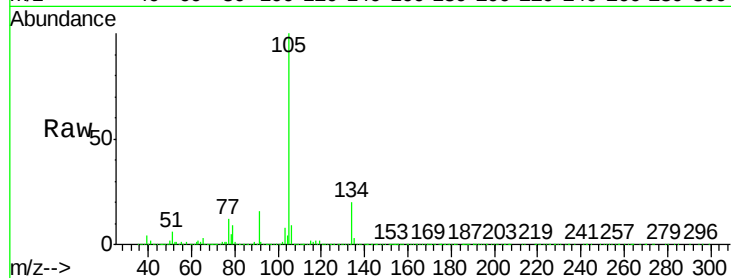
VX1231WBS01

Tgt Ion:105 Resp: 428088

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1



#86

p-Isopropyltoluene

Concen: 19.881 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

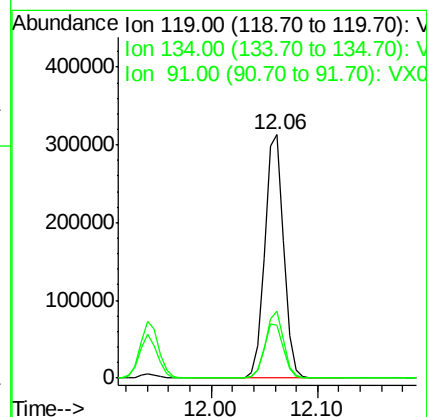
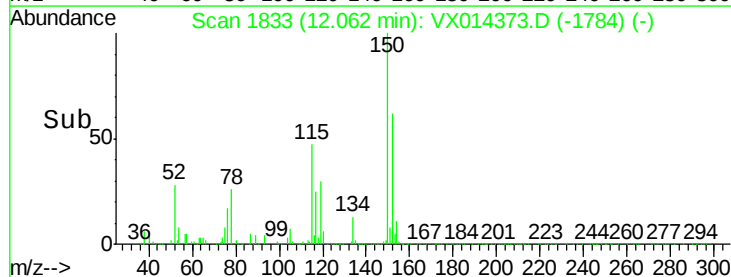
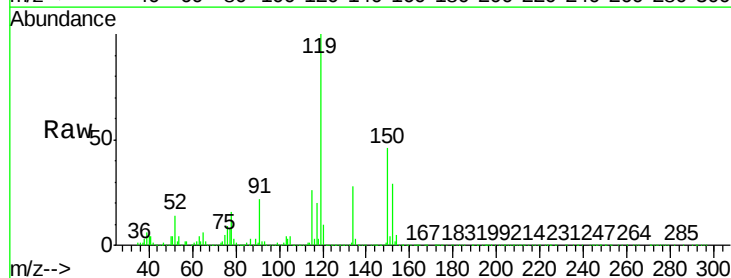
Tgt Ion:119 Resp: 389112

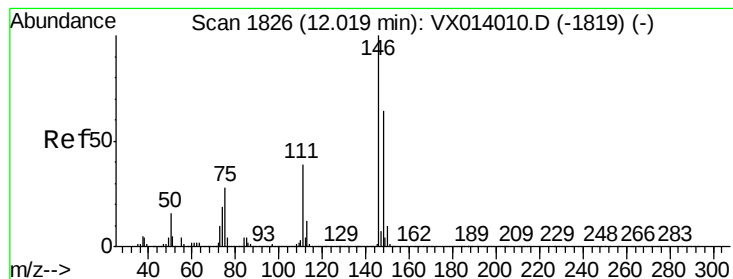
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.542 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

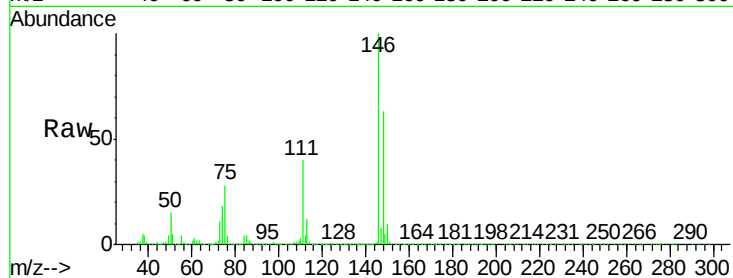
Tgt Ion:146 Resp: 197860

Ion Ratio Lower Upper

146 100

111 39.7 19.1 57.1

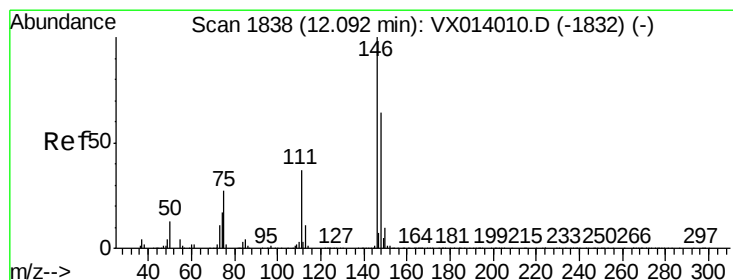
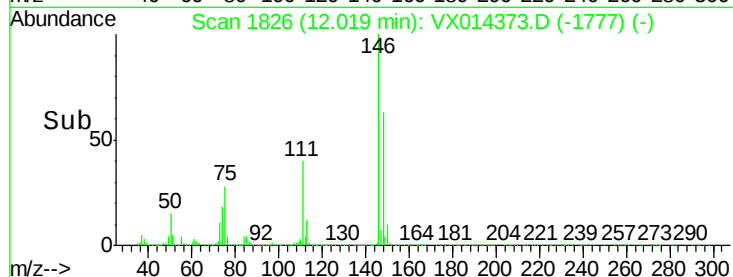
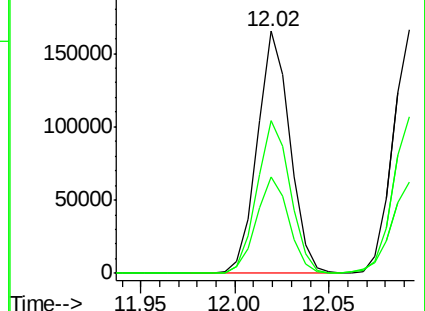
148 64.5 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.423 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

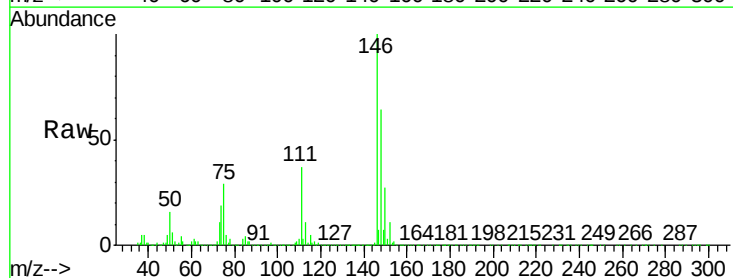
Tgt Ion:146 Resp: 199892

Ion Ratio Lower Upper

146 100

111 38.2 18.7 56.1

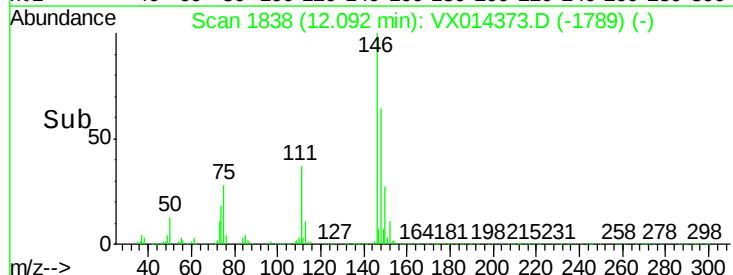
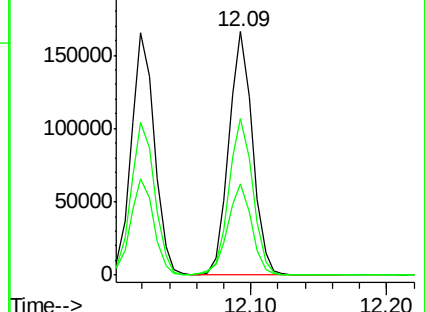
148 64.7 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

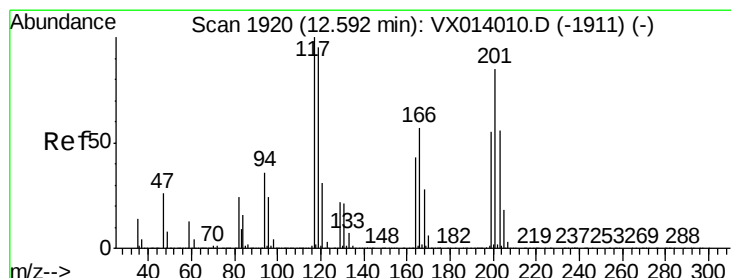
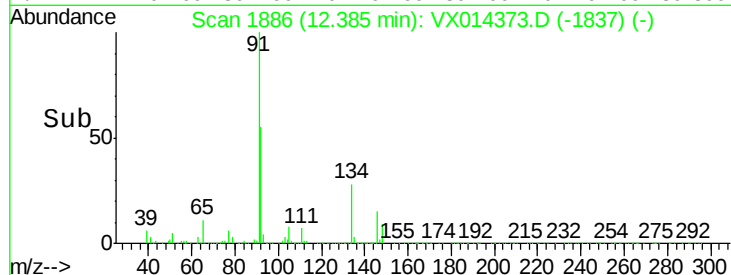
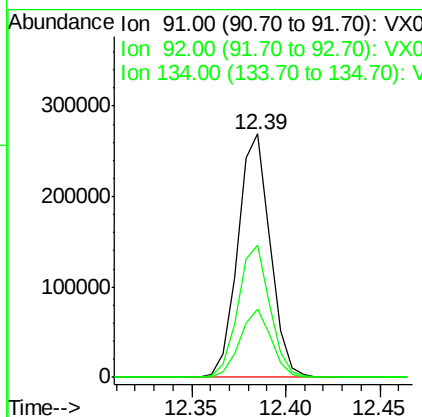
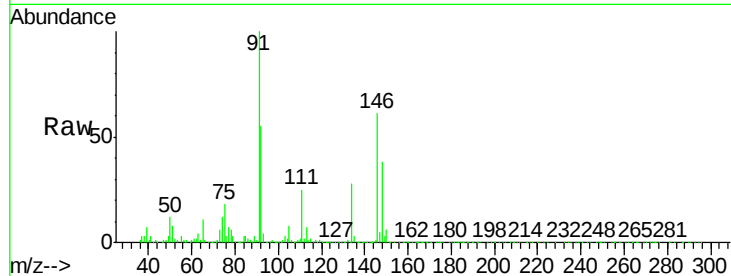




#89
n-Butylbenzene
Concen: 19.155 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

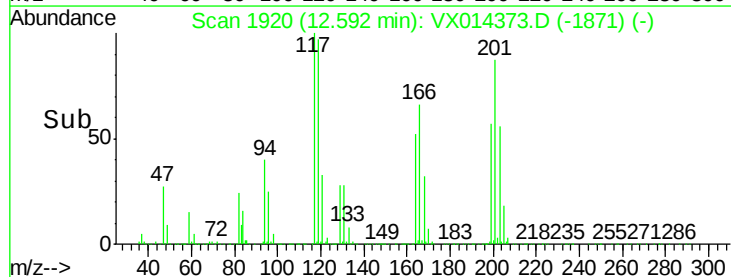
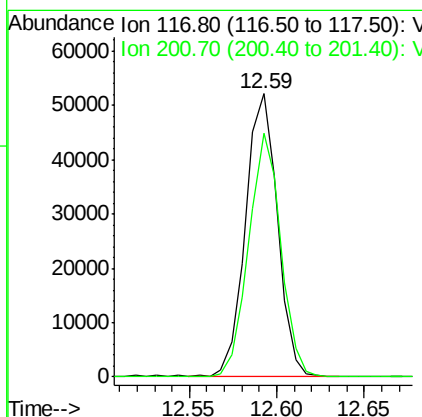
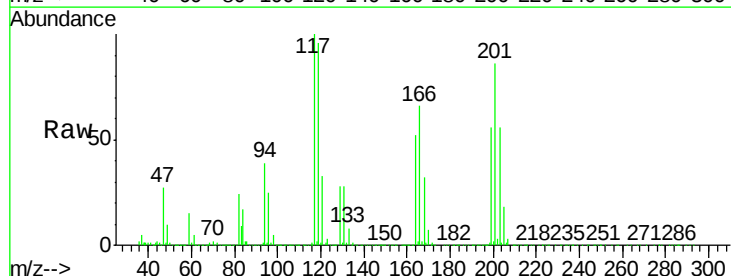
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tgt Ion: 91 Resp: 319892
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 27.1 13.4 40.1



#90
Hexachloroethane
Concen: 18.836 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion: 117 Resp: 66218
Ion Ratio Lower Upper
117 100
201 86.3 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 18.847 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

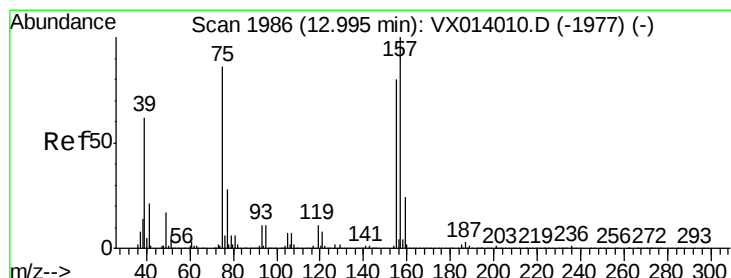
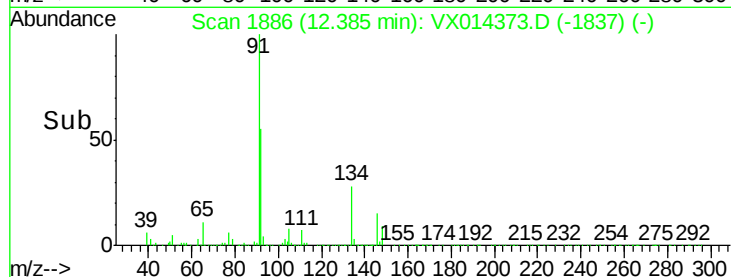
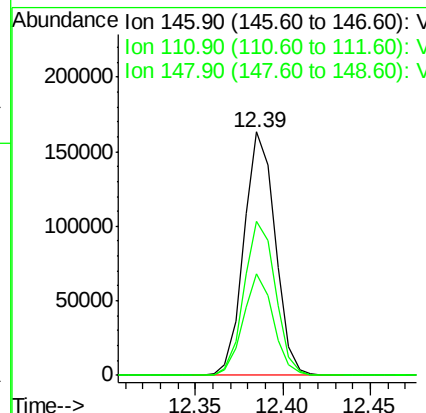
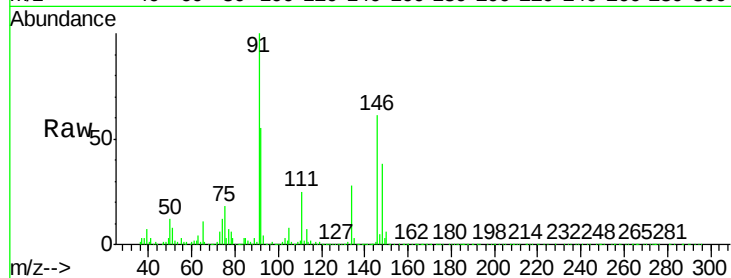
Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

Tgt Ion:	146	Resp:	202460
Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.7	59.1
148	63.9	32.1	96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.744 ug/l

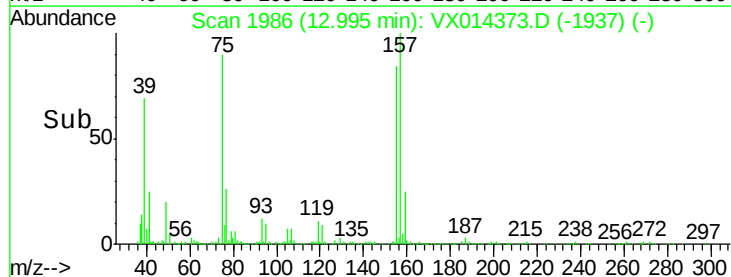
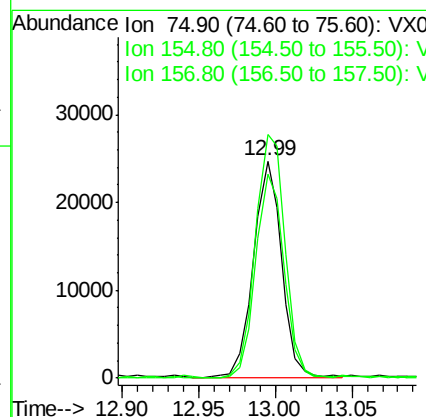
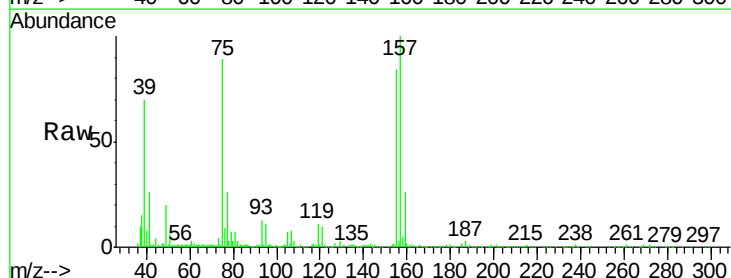
RT: 12.99 min Scan# 1986

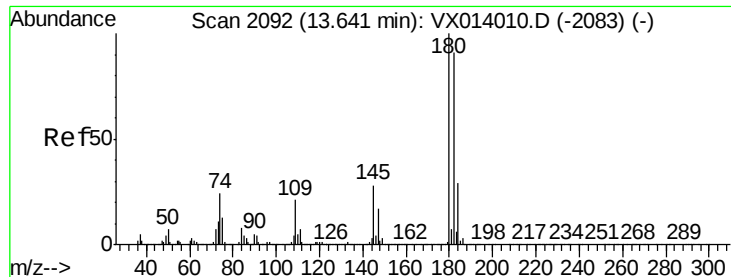
Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Tgt Ion:	75	Resp:	31824
Ion	Ratio	Lower	Upper
75	100		
155	93.4	46.9	140.6
157	119.2	60.8	182.4

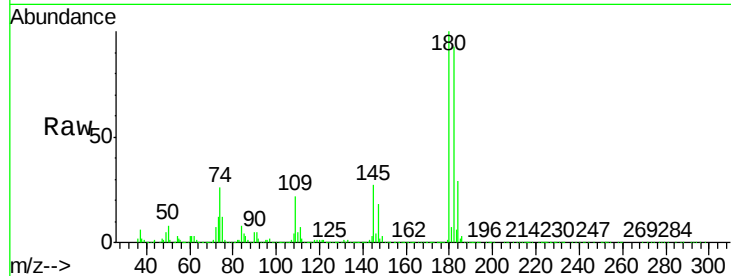




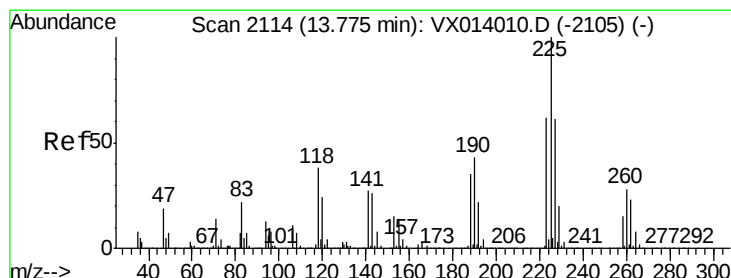
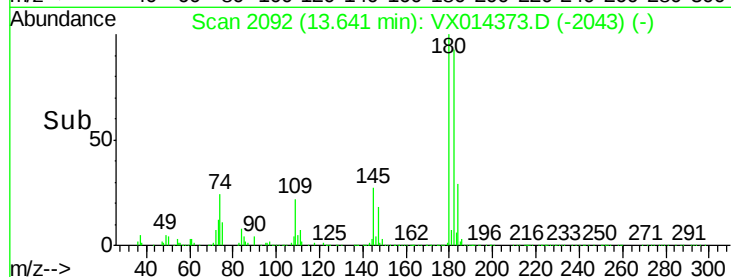
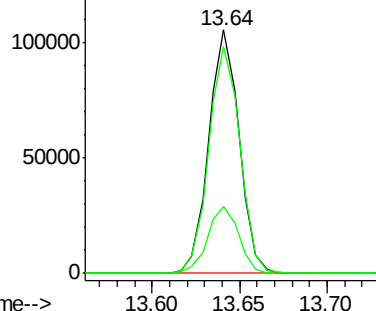
#93
 1,2,4-Trichlorobenzene
 Concen: 18.229 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.6	139.8
145	28.4	14.2	42.6

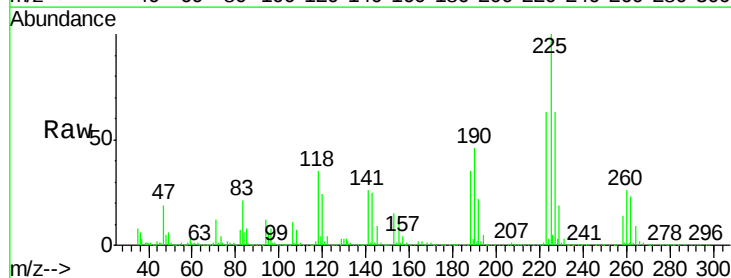


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

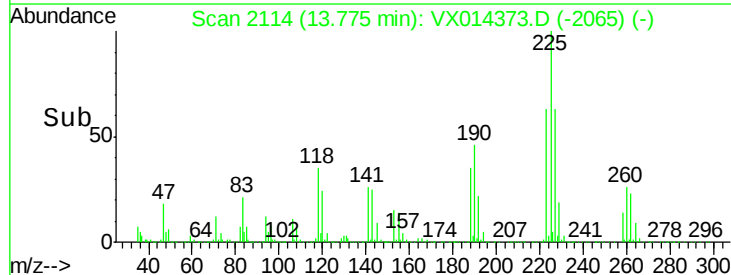
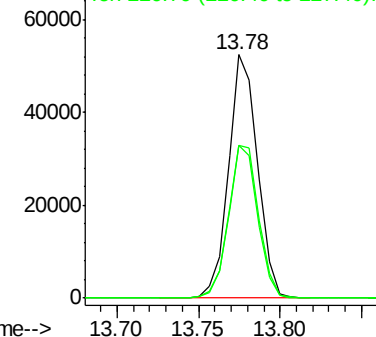


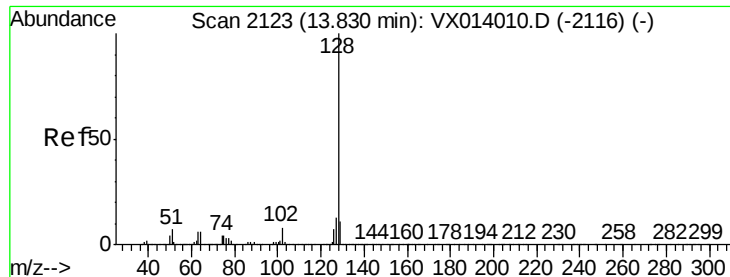
#94
 Hexachlorobutadiene
 Concen: 19.309 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.9	92.5
227	65.3	30.9	92.7



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





#95

Naphthalene

Concen: 19.390 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

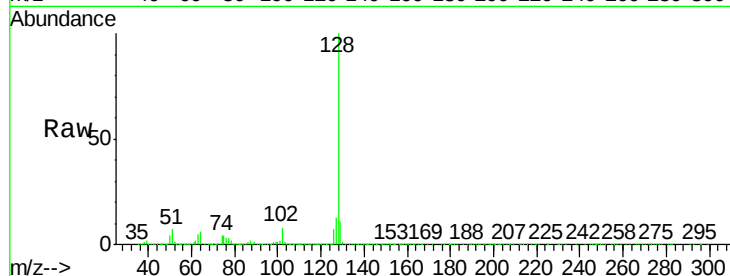
Tgt Ion:128 Resp: 397762

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

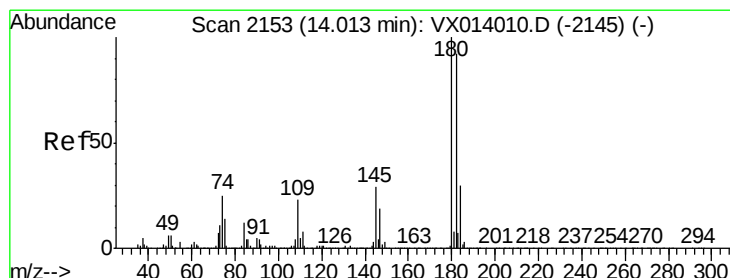
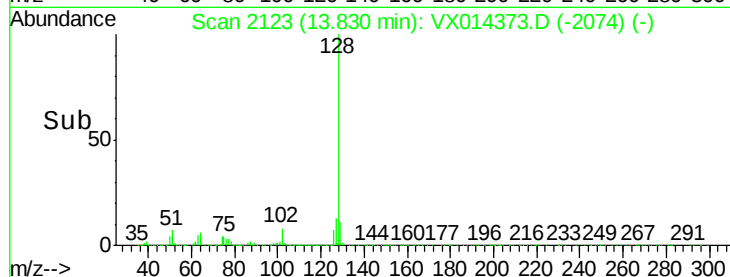
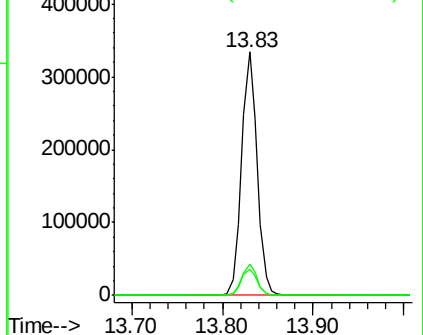
129 11.1 8.7 13.1



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: 18.726 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

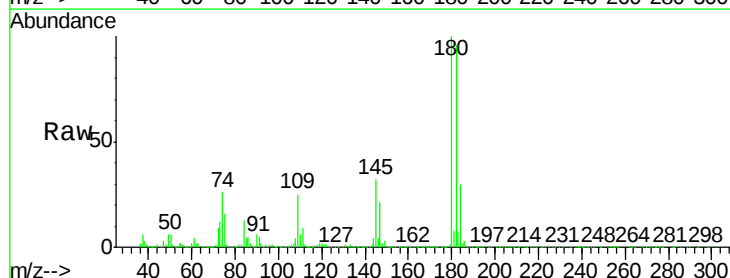
Tgt Ion:180 Resp: 129064

Ion Ratio Lower Upper

180 100

182 98.8 46.8 140.3

145 31.3 14.8 44.4



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

