

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010376.D
 Acq On : 21 Jun 2019 11:54
 Operator : JC/SP
 Sample : VX0621WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Quant Time: Jun 21 23:09:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	295815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	432038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	382856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	197081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	129417	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
35) Dibromofluoromethane	5.49	113	127141	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	8.71	98	489372	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
62) 4-Bromofluorobenzene	11.13	95	170938	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36864	17.925	ug/l	99
3) Chloromethane	1.33	50	41635	17.386	ug/l	100
4) Vinyl Chloride	1.41	62	46106	17.578	ug/l	97
5) Bromomethane	1.64	94	26547	20.774	ug/l	99
6) Chloroethane	1.73	64	28271	18.269	ug/l	94
7) Trichlorofluoromethane	1.93	101	75708	18.207	ug/l	97
8) Diethyl Ether	2.18	74	27648	18.541	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47085	18.686	ug/l	99
10) Methyl Iodide	2.51	142	49843	13.860	ug/l	100
11) Tert butyl alcohol	3.04	59	59932	82.579	ug/l	98
12) 1,1-Dichloroethene	2.37	96	45176	17.619	ug/l	98
13) Acrolein	2.29	56	33399	69.372	ug/l	97
14) Allyl chloride	2.73	41	66707	18.325	ug/l	99
15) Acrylonitrile	3.14	53	126905	88.318	ug/l	100
16) Acetone	2.44	43	123515	88.858	ug/l	98
17) Carbon Disulfide	2.57	76	117845	17.131	ug/l	100
18) Methyl Acetate	2.77	43	47963	17.313	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	144965	17.972	ug/l	99
20) Methylene Chloride	2.85	84	51942	18.158	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	49671	18.012	ug/l	98
22) Diisopropyl ether	3.85	45	137310	18.041	ug/l	94
23) Vinyl Acetate	3.81	43	607330	92.370	ug/l	100
24) 1,1-Dichloroethane	3.70	63	80756	18.356	ug/l	99
25) 2-Butanone	4.67	43	179199	87.886	ug/l	97
26) 2,2-Dichloropropane	4.57	77	70178	18.363	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	57212	17.953	ug/l	99
28) Bromochloromethane	5.01	49	40881	19.436	ug/l	96
29) Tetrahydrofuran	5.12	42	108038	85.543	ug/l	98
30) Chloroform	5.21	83	85063	17.970	ug/l	95
31) Cyclohexane	5.58	56	72499	18.097	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	76009	18.186	ug/l	99
36) 1,1-Dichloropropene	5.80	75	62409	18.178	ug/l	99
37) Ethyl Acetate	4.83	43	63289	17.919	ug/l	98
38) Carbon Tetrachloride	5.78	117	68189	18.342	ug/l	98

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Instrument :
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 ClientSampleId :
 VX0621WBS01

Quant Time: Jun 21 23:09:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85619	18.972	ug/l	98
40) Benzene	6.14	78	197648	18.479	ug/l	100
41) Methacrylonitrile	5.04	41	33812	17.448	ug/l	97
42) 1,2-Dichloroethane	6.18	62	61887	19.008	ug/l	99
43) Isopropyl Acetate	6.44	43	105135	17.992	ug/l	99
44) Trichloroethene	7.21	130	58771	18.363	ug/l	99
45) 1,2-Dichloropropane	7.51	63	49655	18.383	ug/l	97
46) Dibromomethane	7.66	93	35989	18.571	ug/l	99
47) Bromodichloromethane	7.90	83	64814	18.250	ug/l	97
48) Methyl methacrylate	7.77	41	49693	18.295	ug/l	99
49) 1,4-Dioxane	7.74	88	28587	365.349	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	339114	90.737	ug/l	99
52) Toluene	8.78	92	130313	18.500	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	71189	17.879	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	79319	18.331	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	52737	18.154	ug/l	97
56) Ethyl methacrylate	9.18	69	78841	17.916	ug/l	99
57) 1,3-Dichloropropane	9.37	76	82938	18.392	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	190907	91.343	ug/l	100
59) 2-Hexanone	9.49	43	263178	89.474	ug/l	100
60) Dibromochloromethane	9.58	129	58095	17.861	ug/l	100
61) 1,2-Dibromoethane	9.67	107	55843	17.809	ug/l	98
64) Tetrachloroethene	9.34	164	59293	19.147	ug/l	97
65) Chlorobenzene	10.13	112	146339	18.827	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	53058	18.740	ug/l	99
67) Ethyl Benzene	10.25	91	245935	18.742	ug/l	99
68) m/p-Xylenes	10.35	106	194149	38.185	ug/l	98
69) o-Xylene	10.69	106	93444	18.688	ug/l	99
70) Styrene	10.71	104	158919	18.952	ug/l	100
71) Bromoform	10.85	173	44396	18.032	ug/l #	99
73) Isopropylbenzene	11.02	105	249361	18.665	ug/l	100
74) N-amyl acetate	10.90	43	93521	18.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	80279	18.145	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	88655	24.686	ug/l	81
77) Bromobenzene	11.26	156	69027	18.504	ug/l	99
78) n-propylbenzene	11.36	91	279494	19.035	ug/l	100
79) 2-Chlorotoluene	11.42	91	160604	18.369	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	209213	18.996	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25472	16.546	ug/l	97
82) 4-Chlorotoluene	11.51	91	184423	18.537	ug/l	98
83) tert-Butylbenzene	11.77	119	207548	18.776	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	208875	18.877	ug/l	98
85) sec-Butylbenzene	11.94	105	251324	19.364	ug/l	100
86) p-Isopropyltoluene	12.06	119	230440	19.195	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	121670	18.685	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121410	18.314	ug/l	99
89) n-Butylbenzene	12.38	91	197641	19.374	ug/l	99
90) Hexachloroethane	12.59	117	38635	18.612	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	122495	18.928	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16006	16.779	ug/l	97

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ALS Vial : 4 Sample Multiplier: 1

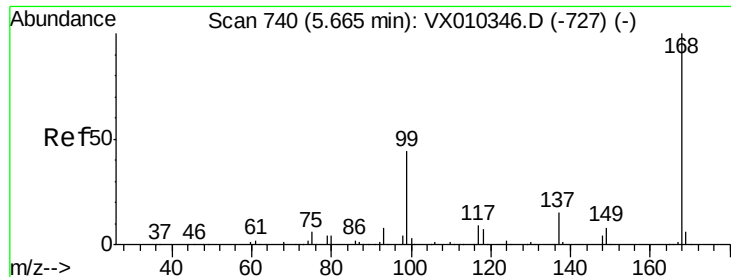
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Quant Time: Jun 21 23:09:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	87517	19.500	ug/l	98
94) Hexachlorobutadiene	13.78	225	42367	19.315	ug/l	98
95) Naphthalene	13.83	128	260018	18.853	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	87116	19.523	ug/l	98

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

[illegible]



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

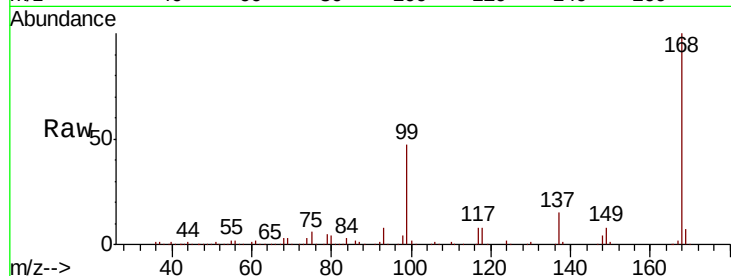
VX0621WBS01

Tot Ion:168 Resp: 295815

Ion Ratio Lower Upper

168 100

99 46.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

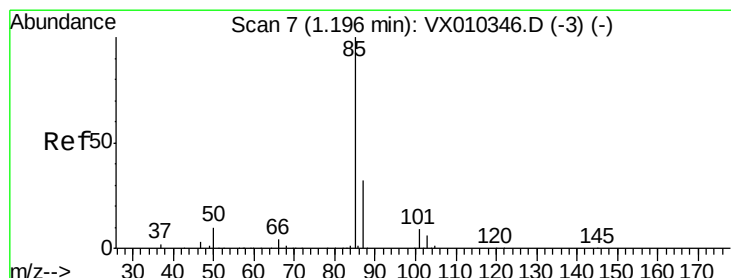
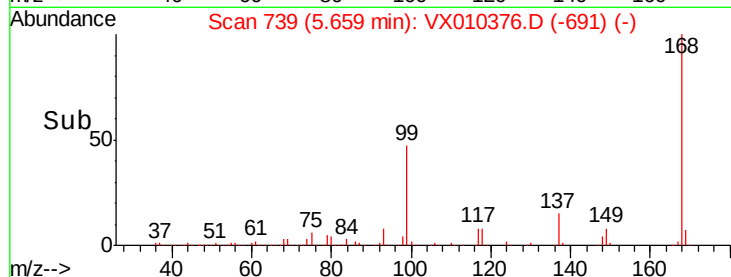
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.925 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010376.D

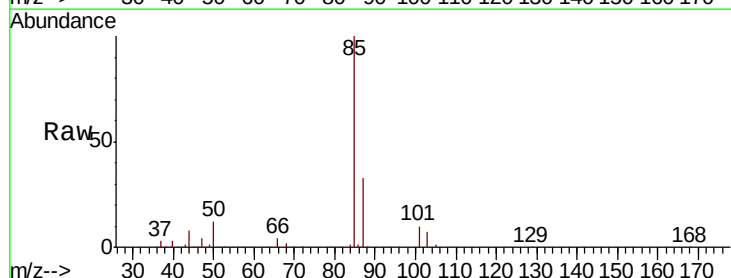
Acq: 21 Jun 2019 11:54

Tgt Ion: 85 Resp: 36864

Ion Ratio Lower Upper

85 100

87 33.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

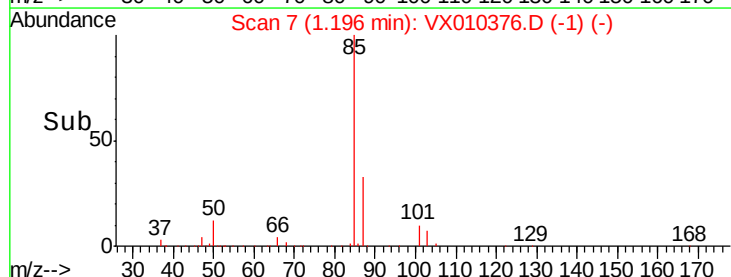
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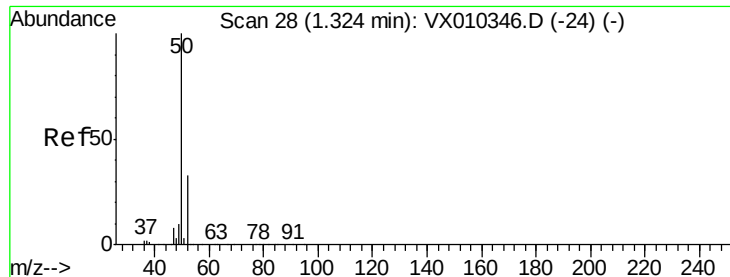
20000

10000

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Time-->





#3

Chloromethane

Concen: 17.386 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

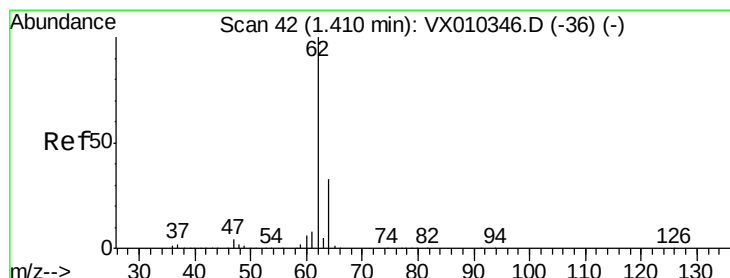
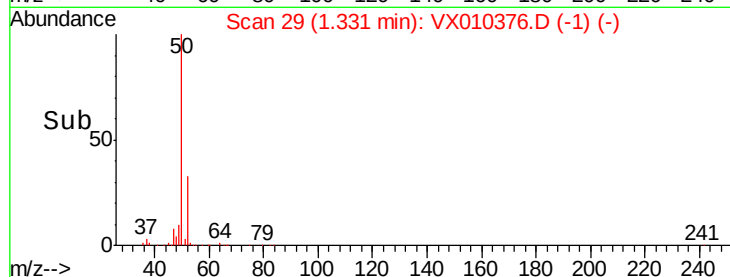
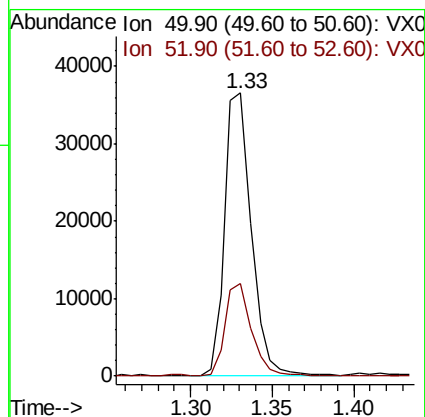
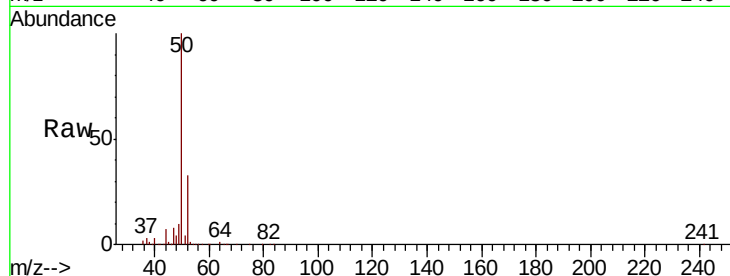
VX0621WBS01

Tot Ion: 50 Resp: 41635

Ion Ratio Lower Upper

50 100

52 32.9 26.5 39.7



#4

Vinyl Chloride

Concen: 17.578 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010376.D

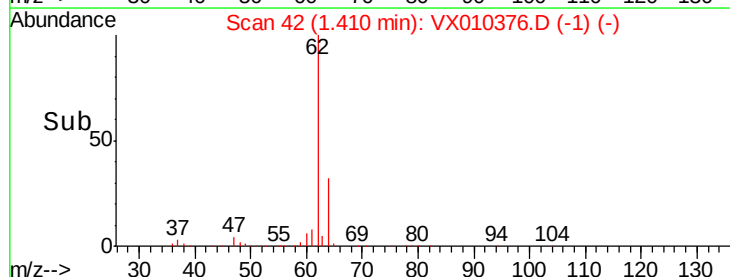
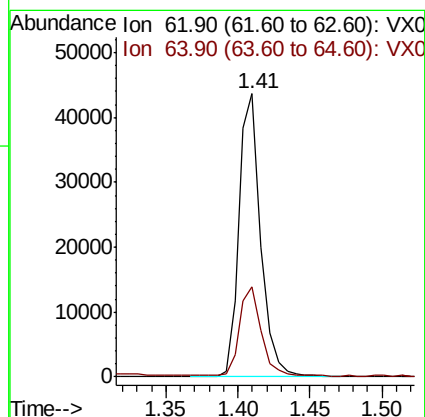
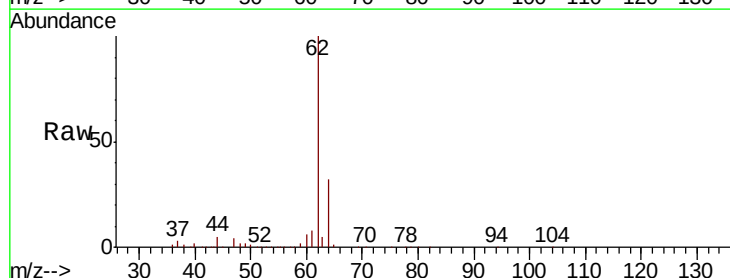
Acq: 21 Jun 2019 11:54

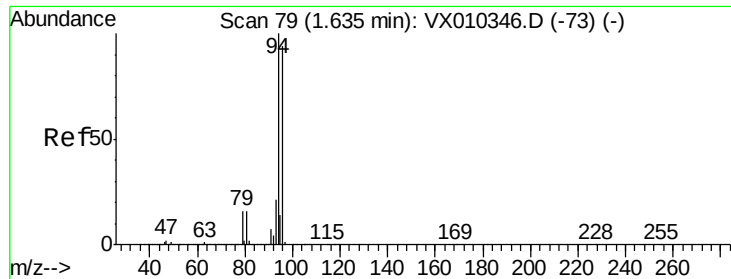
Tgt Ion: 62 Resp: 46106

Ion Ratio Lower Upper

62 100

64 31.4 26.2 39.4





#5

Bromomethane

Concen: 20.774 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

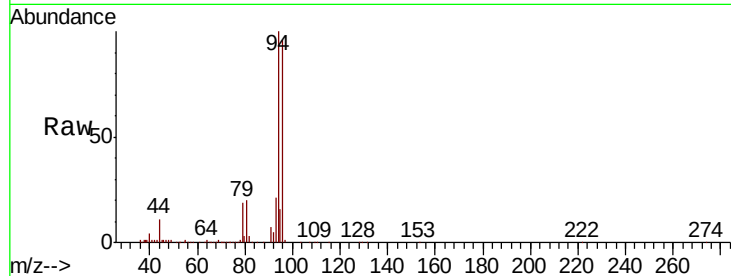
VX0621WBS01

Tot Ion: 94 Resp: 26547

Ion Ratio Lower Upper

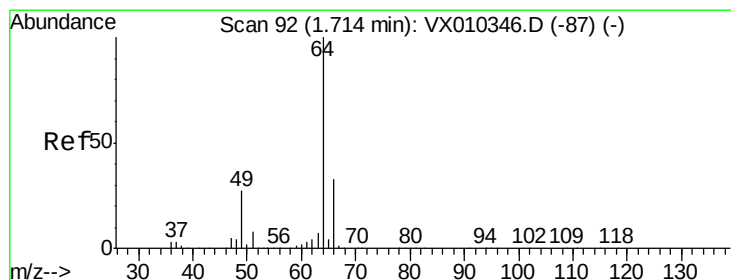
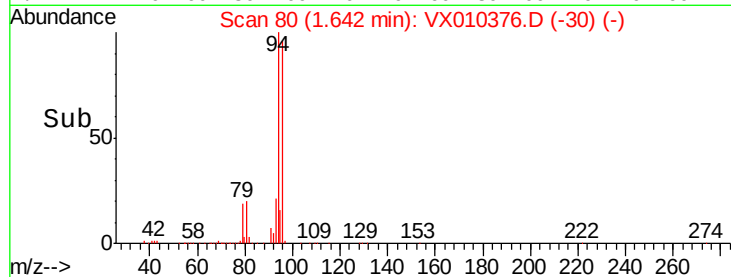
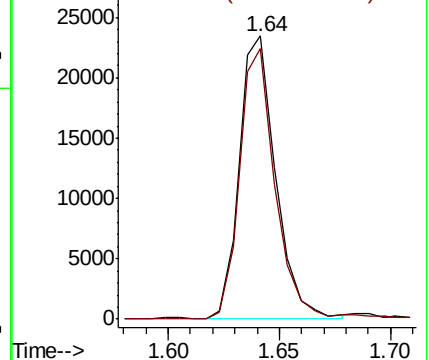
94 100

96 95.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.269 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010376.D

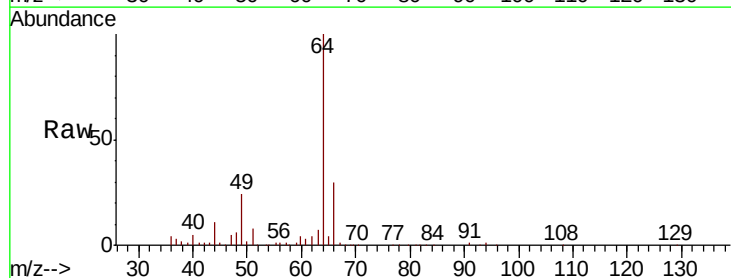
Acq: 21 Jun 2019 11:54

Tgt Ion: 64 Resp: 28271

Ion Ratio Lower Upper

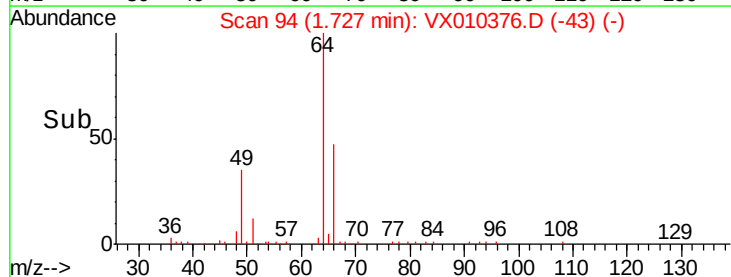
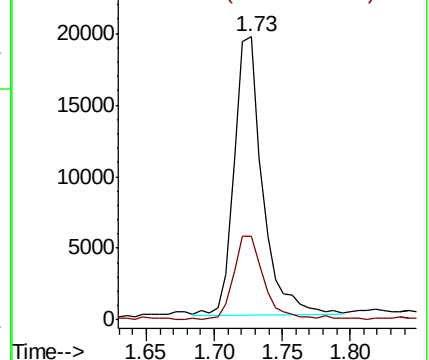
64 100

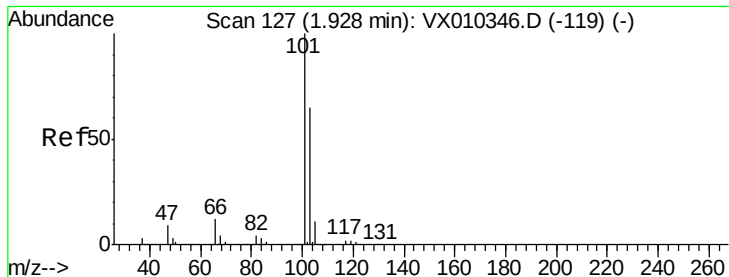
66 29.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



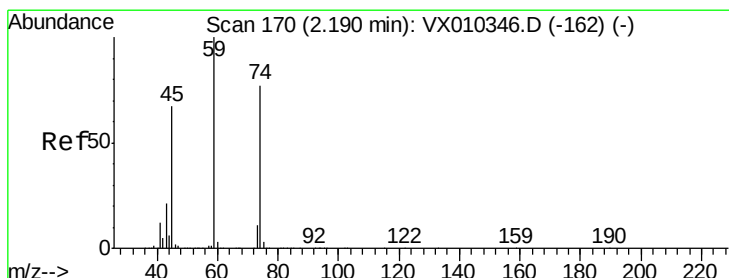
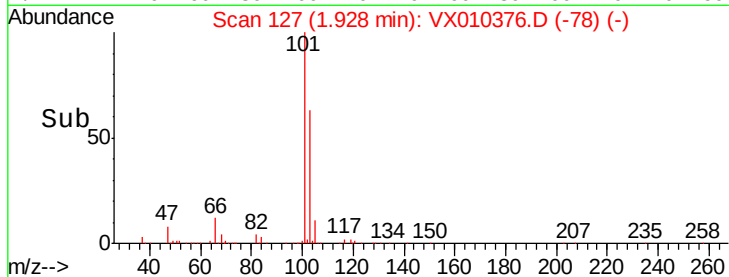
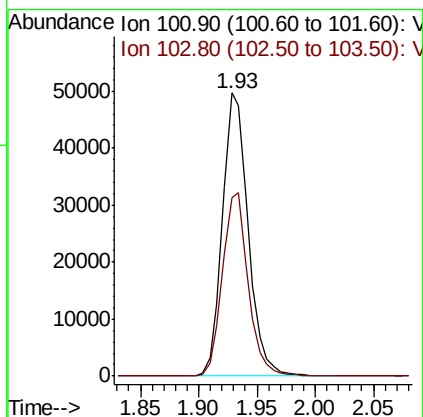
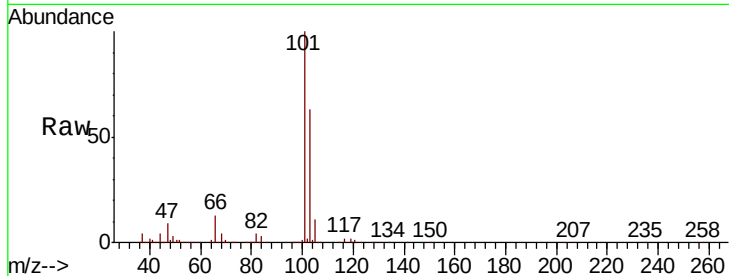


#7

Trichlorofluoromethane
Concen: 18.207 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VX0621WBS01

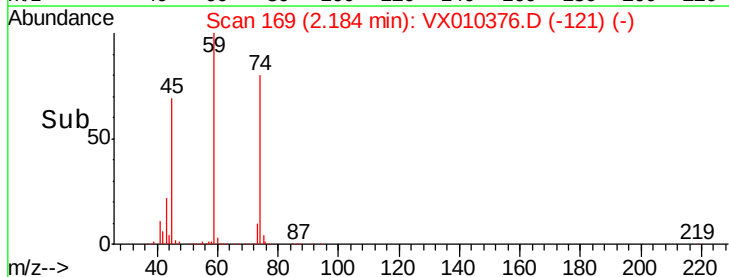
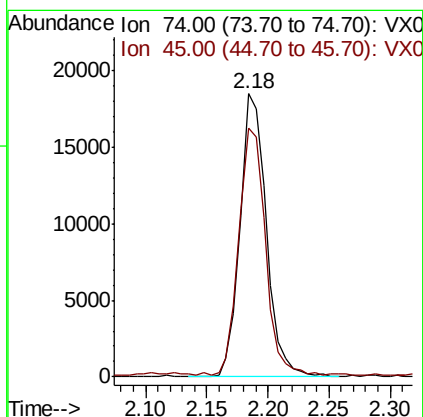
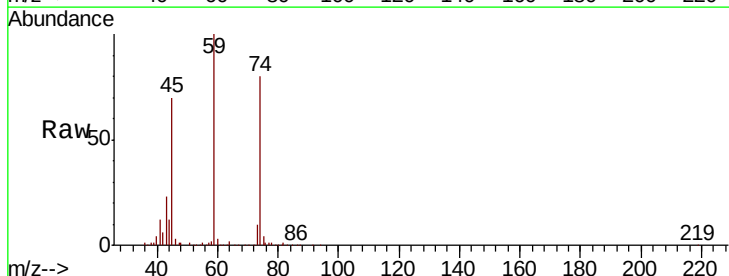
Tot Ion:101 Resp: 75708
Ion Ratio Lower Upper
101 100
103 62.9 52.3 78.5

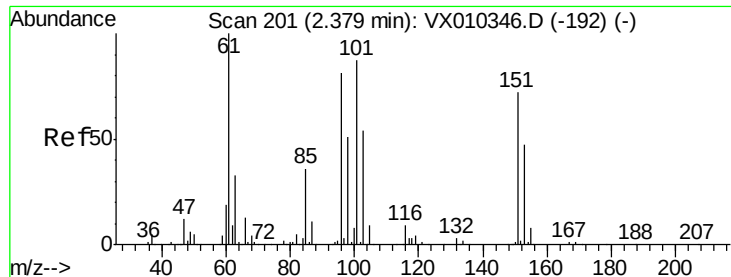


#8

Diethyl Ether
Concen: 18.541 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion: 74 Resp: 27648
Ion Ratio Lower Upper
74 100
45 87.2 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.686 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

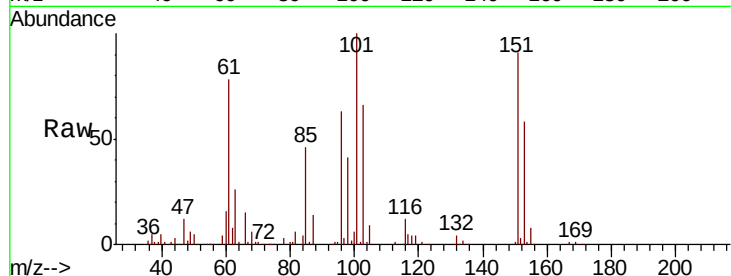
Tot Ion:101 Resp: 47085

Ion Ratio Lower Upper

101 100

85 40.9 33.7 50.5

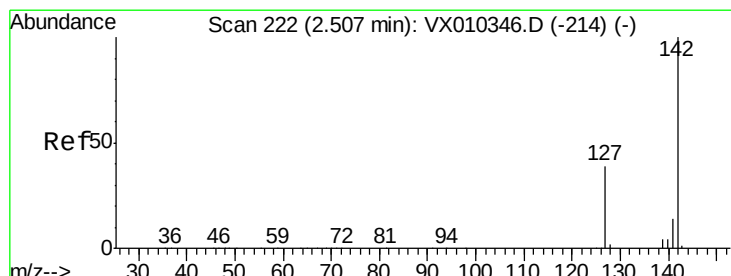
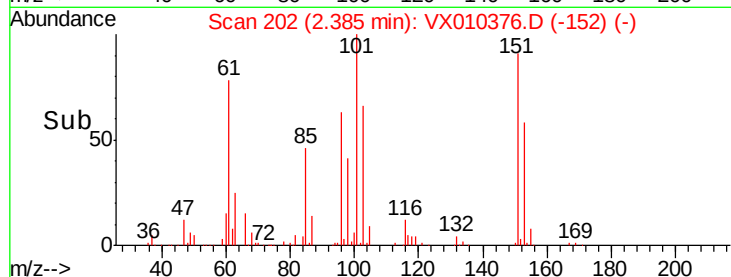
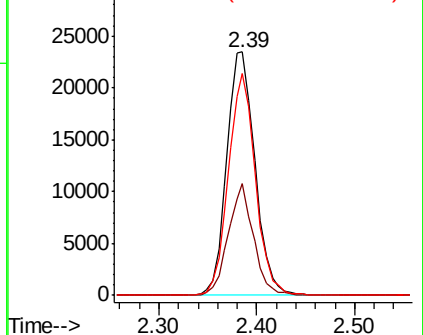
151 87.2 70.1 105.1



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: 13.860 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

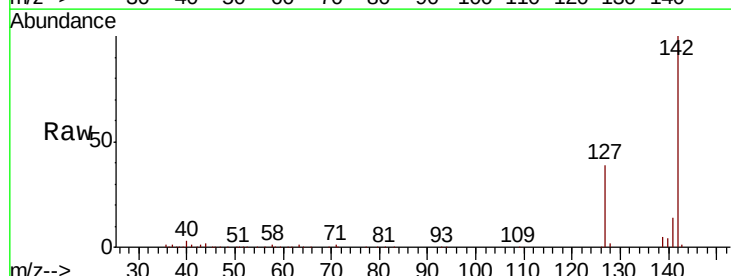
Tgt Ion:142 Resp: 49843

Ion Ratio Lower Upper

142 100

127 39.0 31.1 46.7

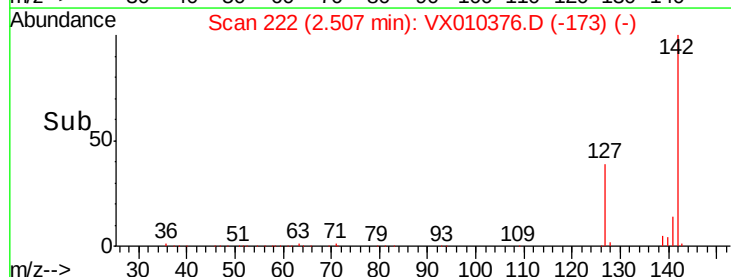
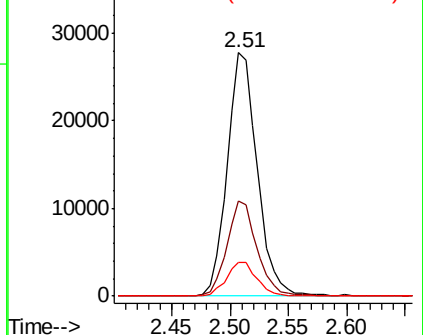
141 14.1 11.2 16.8

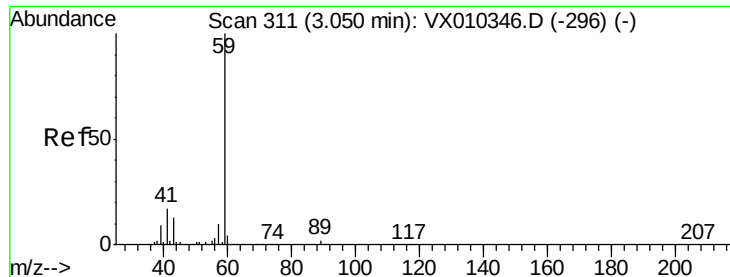


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



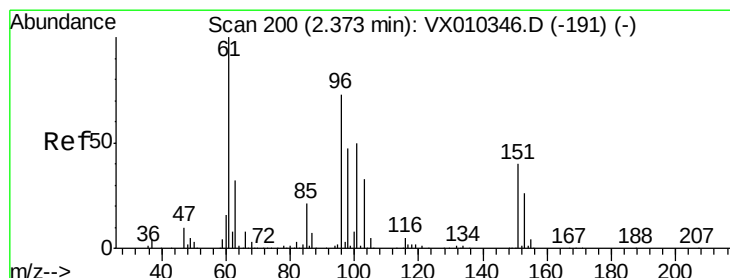
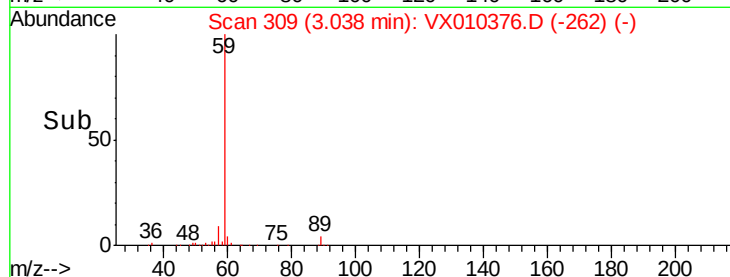
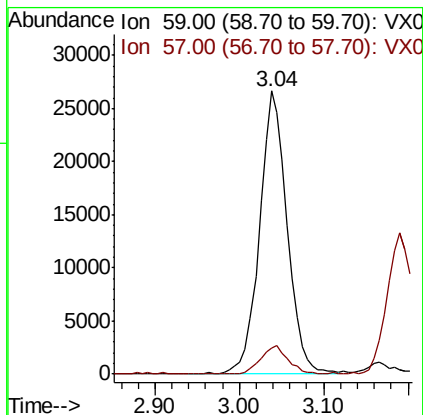
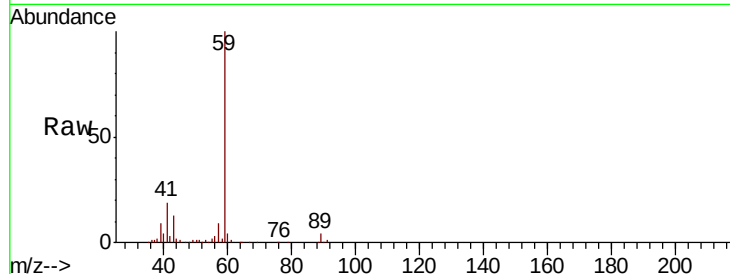


#11

Tert butyl alcohol
Concen: 82.579 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

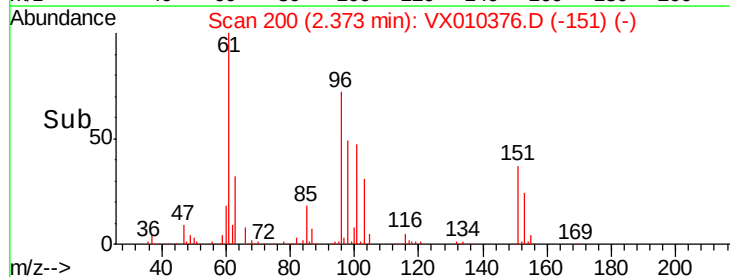
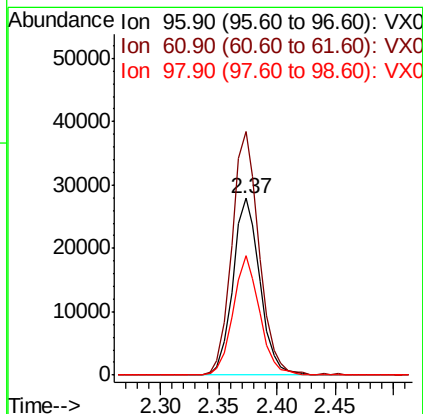
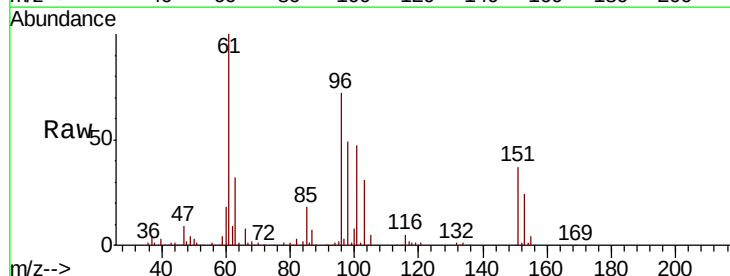
Tot Ion: 59 Resp: 59932
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5

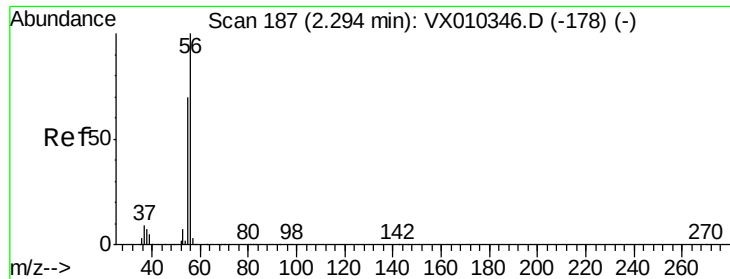


#12

1,1-Dichloroethene
Concen: 17.619 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion: 96 Resp: 45176
Ion Ratio Lower Upper
96 100
61 138.0 109.2 163.8
98 67.4 51.1 76.7





#13

Acrolein

Concen: 69.372 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

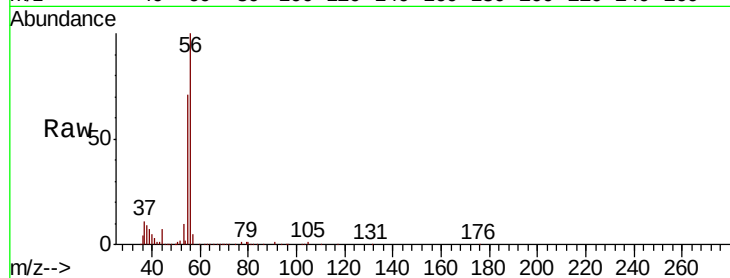
VX0621WBS01

Tot Ion: 56 Resp: 33399

Ion Ratio Lower Upper

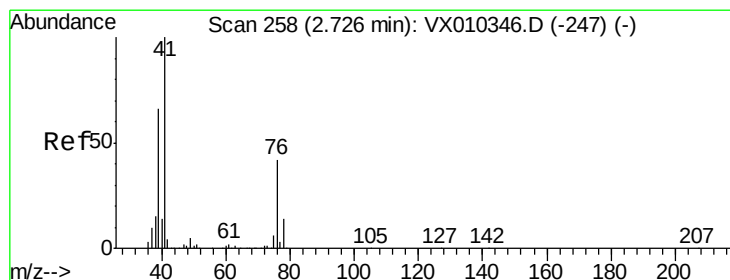
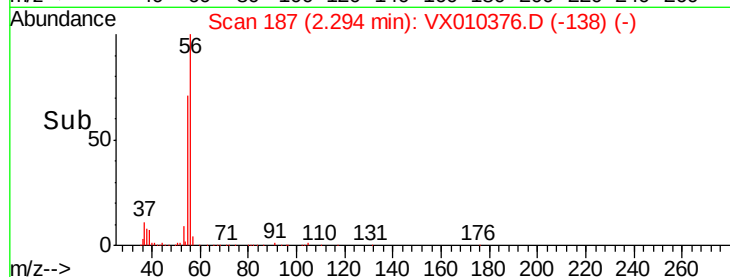
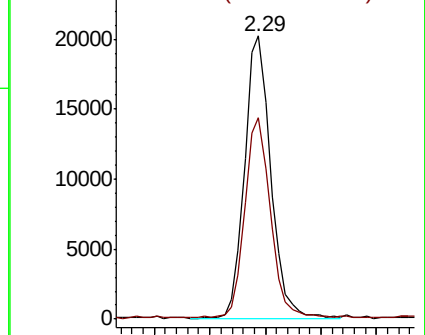
56 100

55 68.7 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.325 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

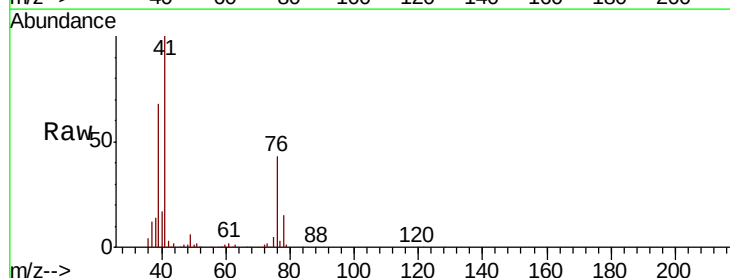
Tgt Ion: 41 Resp: 66707

Ion Ratio Lower Upper

41 100

39 62.9 50.3 75.5

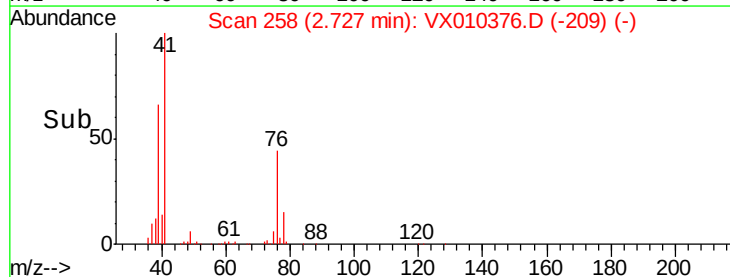
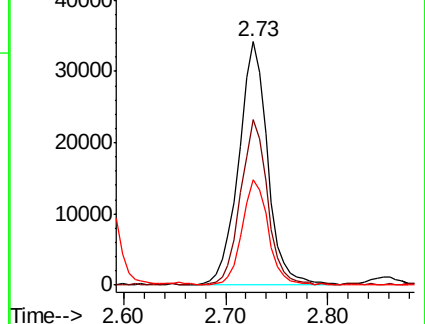
76 38.3 31.3 46.9

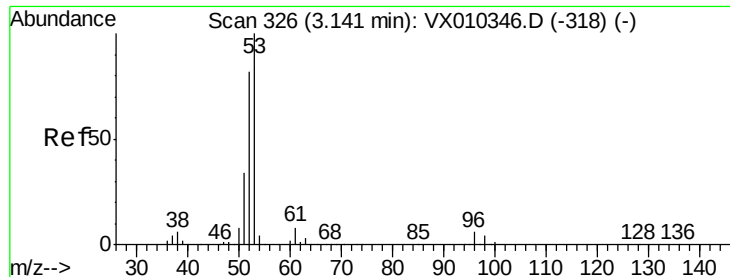


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 88.318 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

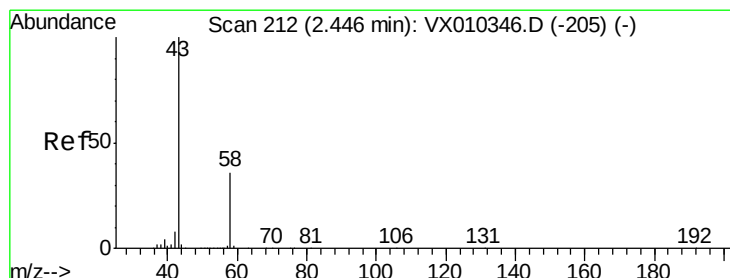
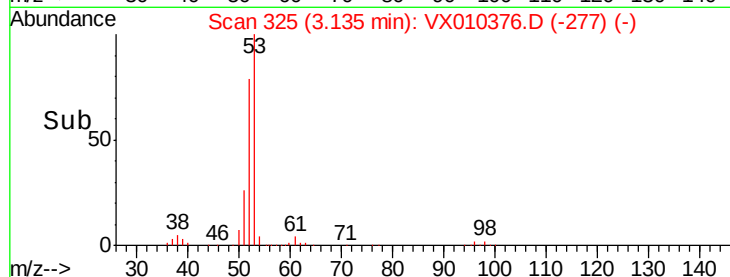
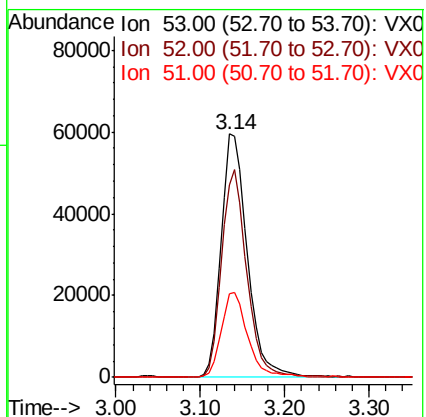
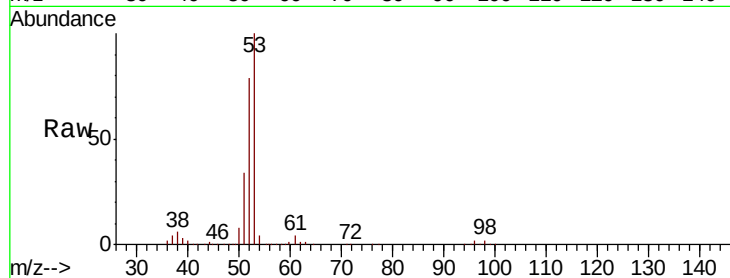
Tot Ion: 53 Resp: 126905

Ion Ratio Lower Upper

53 100

52 81.9 65.5 98.3

51 34.7 28.2 42.4



#16

Acetone

Concen: 88.858 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010376.D

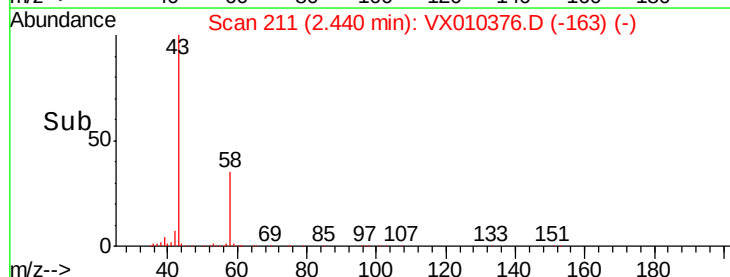
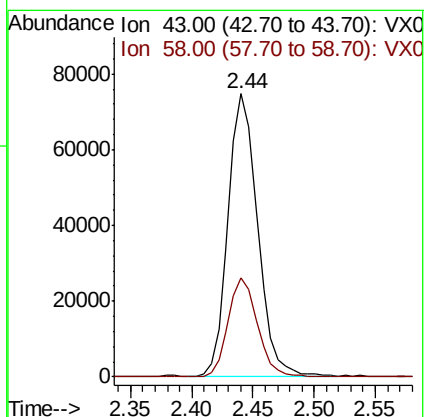
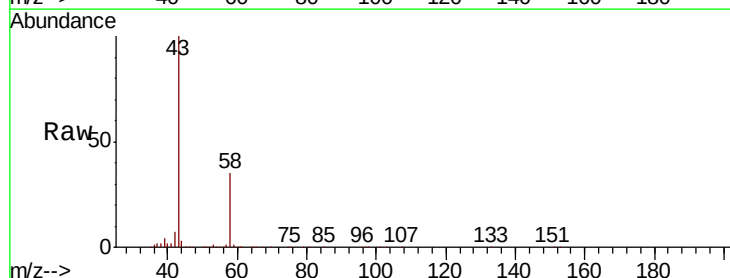
Acq: 21 Jun 2019 11:54

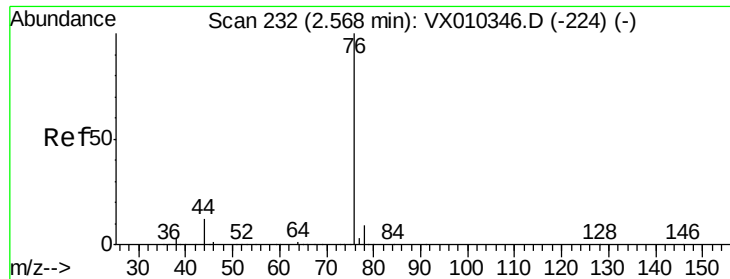
Tgt Ion: 43 Resp: 123515

Ion Ratio Lower Upper

43 100

58 34.8 28.9 43.3

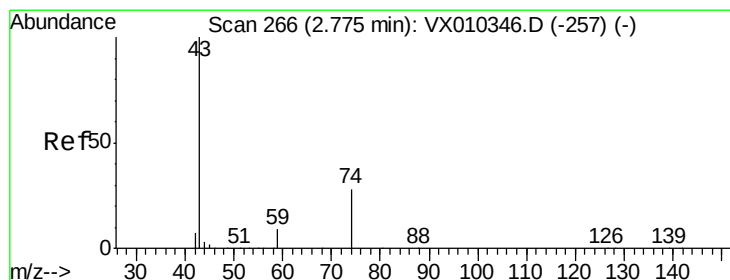
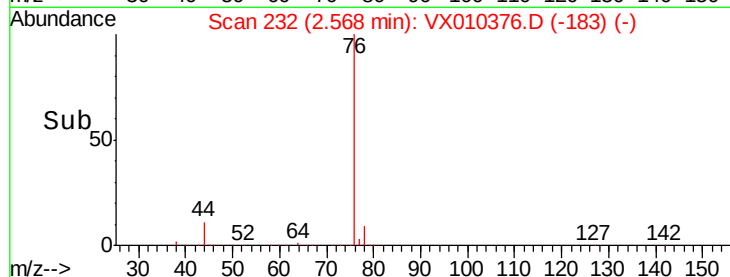
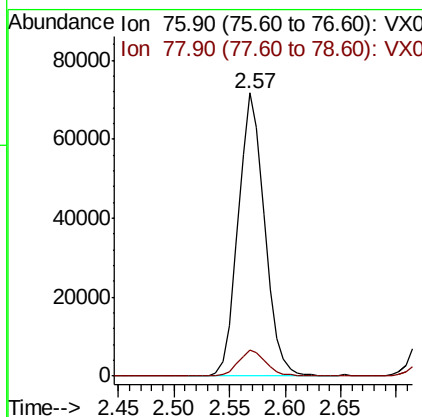
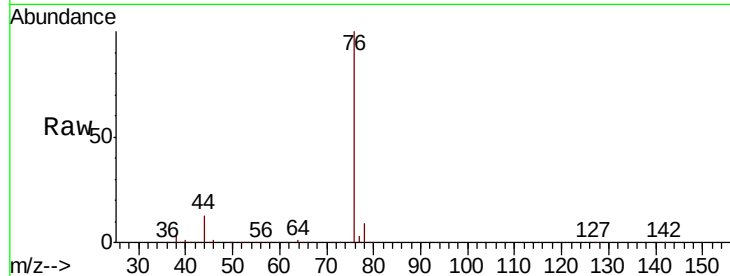




#17
Carbon Disulfide
Concen: 17.131 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

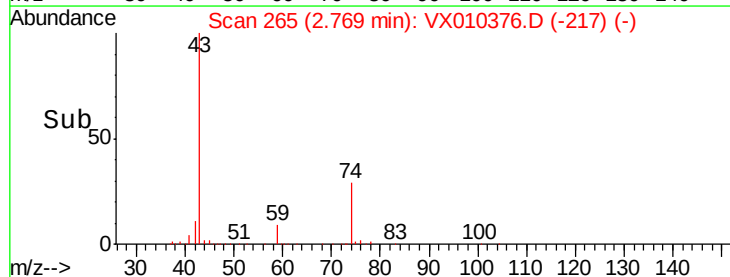
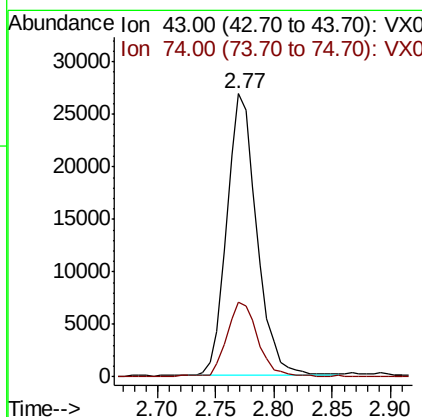
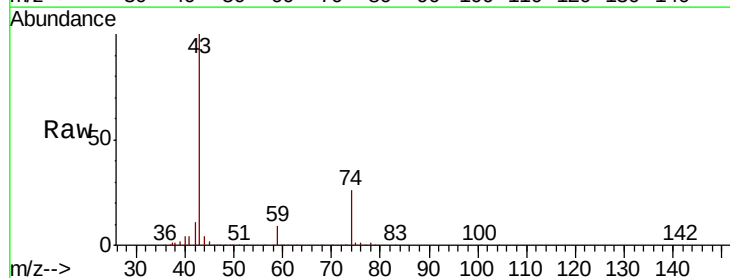
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

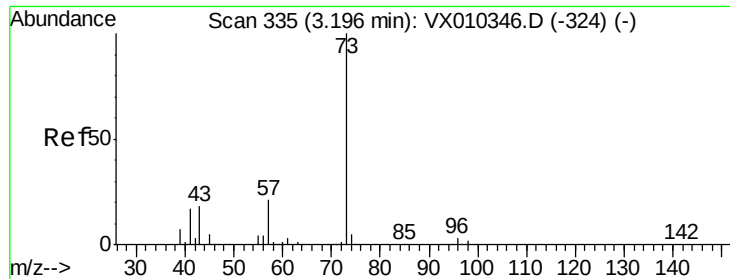
Tot Ion: 76 Resp: 117845
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 17.313 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion: 43 Resp: 47963
Ion Ratio Lower Upper
43 100
74 27.9 21.3 31.9

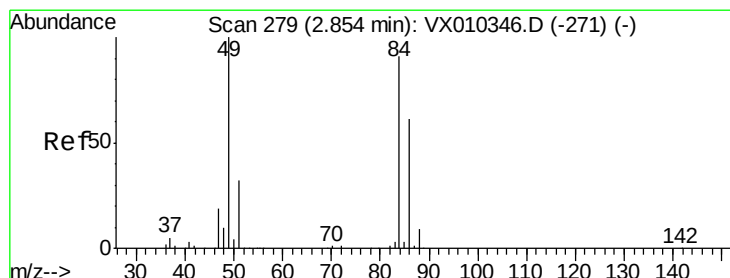
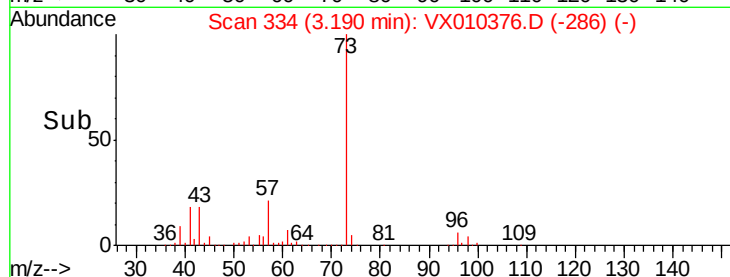
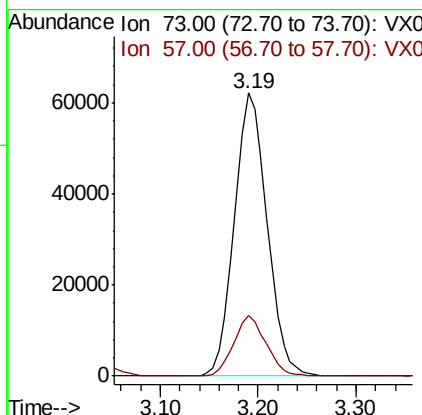
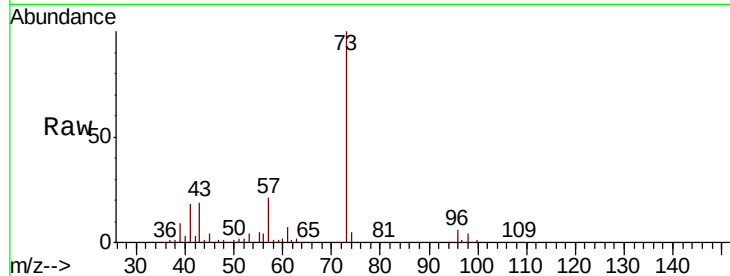




#19
Methyl tert-butyl Ether
Concen: 17.972 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

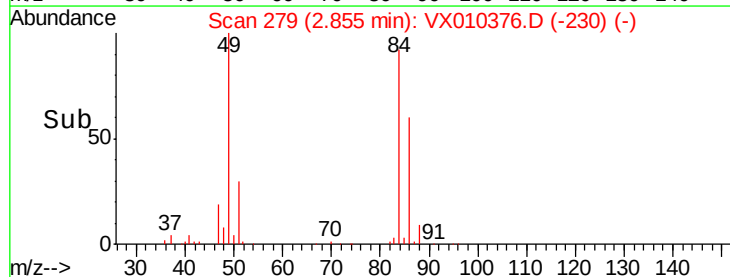
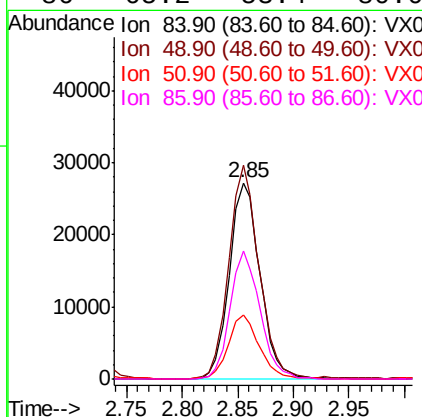
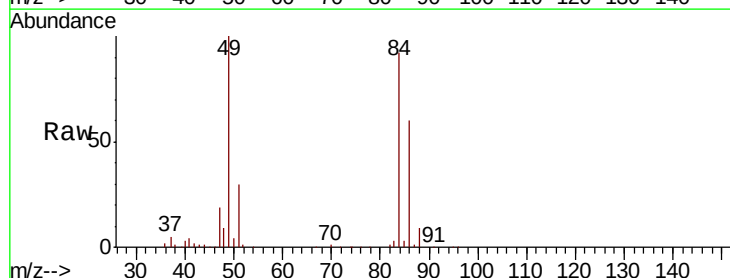
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

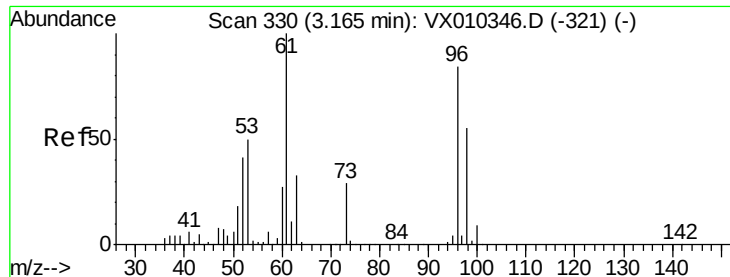
Tot Ion: 73 Resp: 144965
Ion Ratio Lower Upper
73 100
57 21.1 16.4 24.6



#20
Methylene Chloride
Concen: 18.158 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion: 84 Resp: 51942
Ion Ratio Lower Upper
84 100
49 108.6 87.5 131.3
51 32.7 27.7 41.5
86 65.2 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 18.012 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

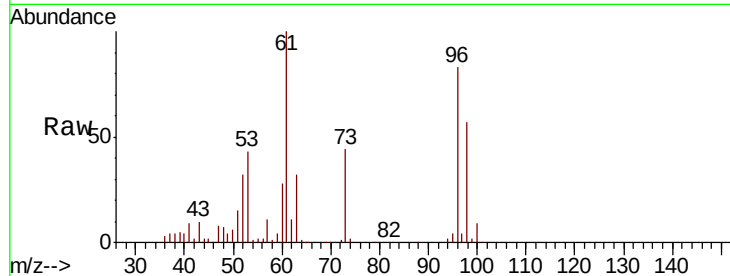
Tot Ion: 96 Resp: 49671

Ion Ratio Lower Upper

96 100

61 120.6 95.6 143.4

98 69.3 52.5 78.7

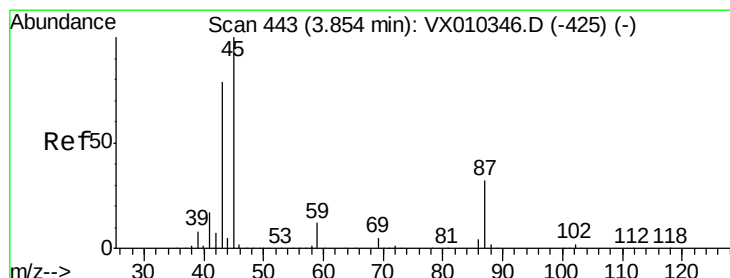
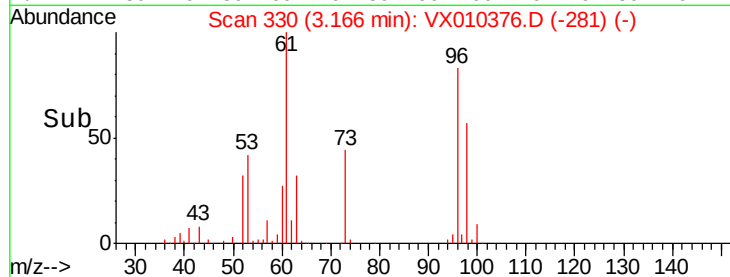
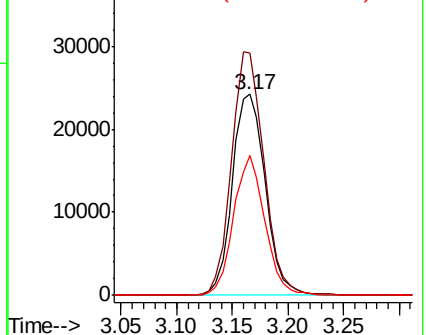


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.041 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Tgt Ion: 45 Resp: 137310

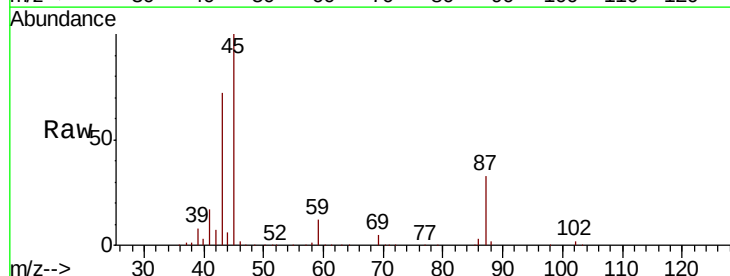
Ion Ratio Lower Upper

45 100

43 71.1 63.3 94.9

87 32.9 25.8 38.8

59 12.0 9.6 14.4



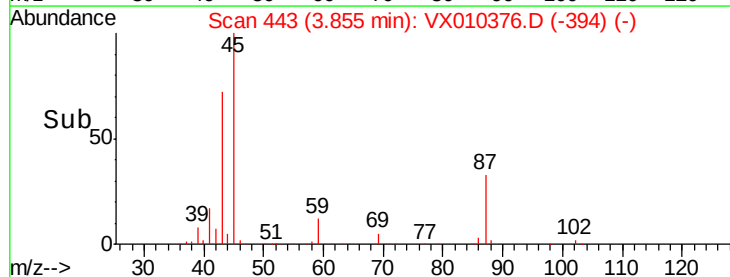
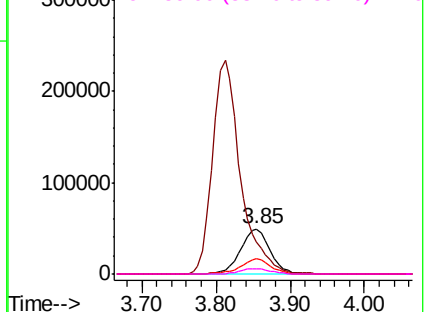
Abundance

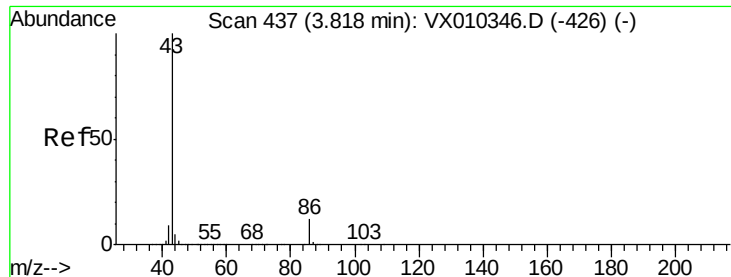
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 92.370 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

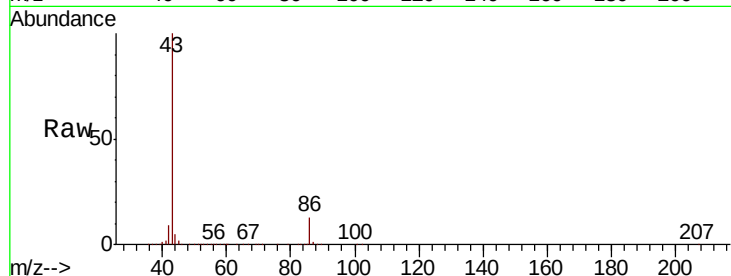
VX0621WBS01

Tot Ion: 43 Resp: 607330

Ion Ratio Lower Upper

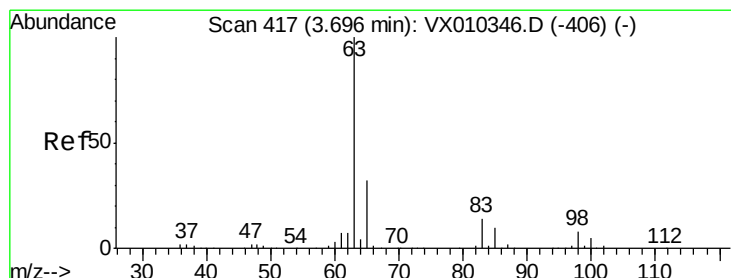
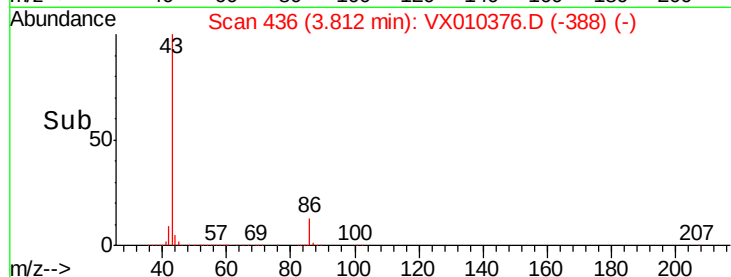
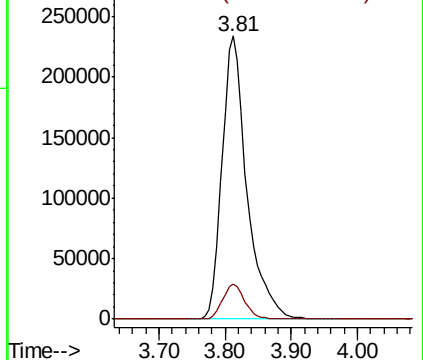
43 100

86 12.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.356 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

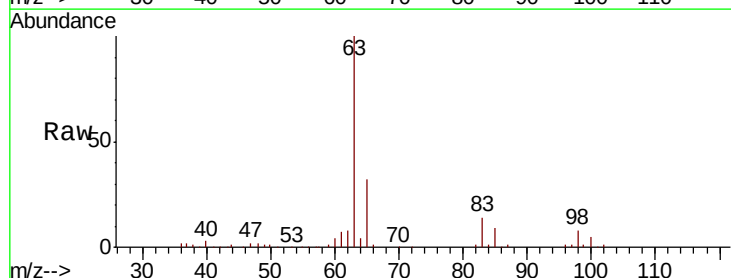
Tgt Ion: 63 Resp: 80756

Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.7

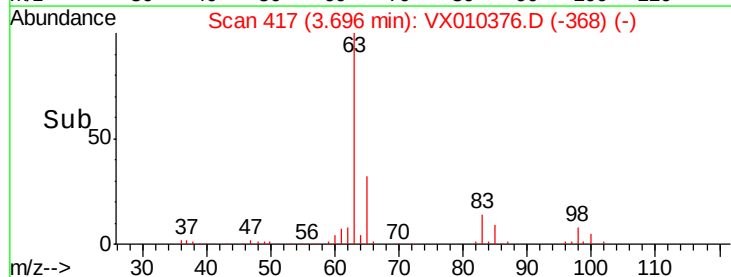
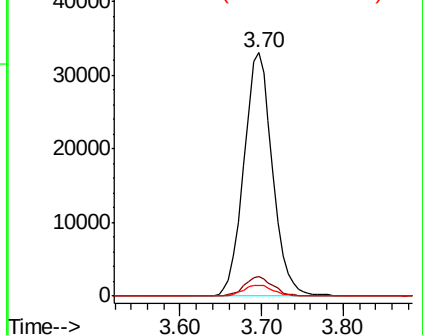
100 4.6 2.4 7.1

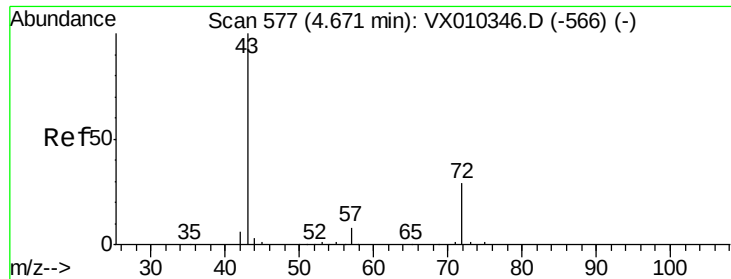


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 87.886 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

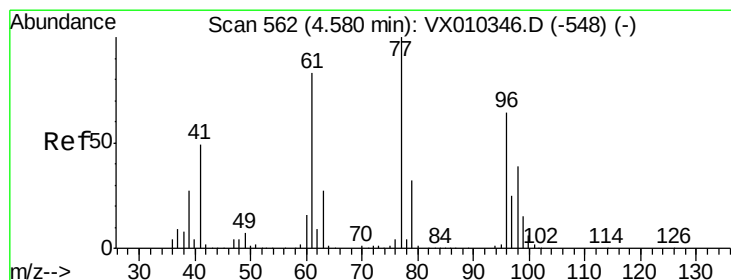
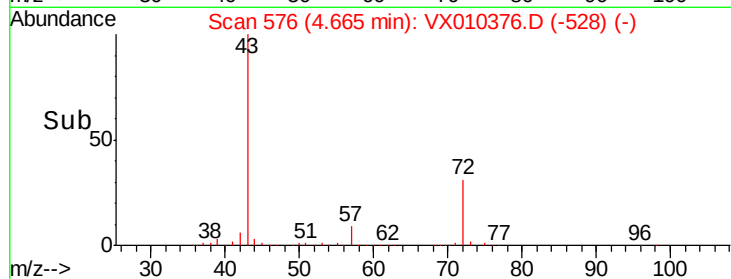
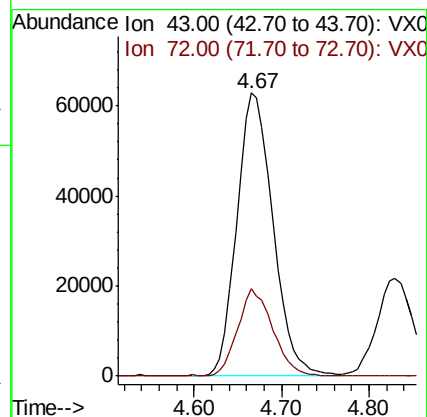
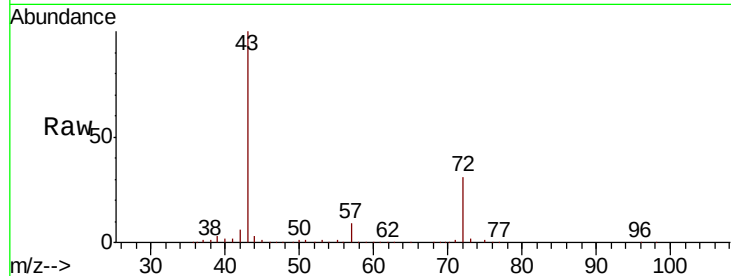
VX0621WBS01

Tot Ion: 43 Resp: 179199

Ion Ratio Lower Upper

43 100

72 30.7 23.3 34.9



#26

2,2-Dichloropropane

Concen: 18.363 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010376.D

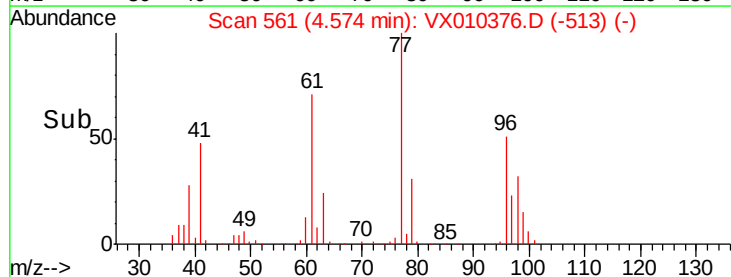
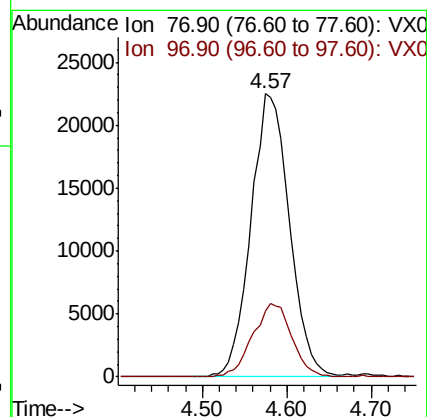
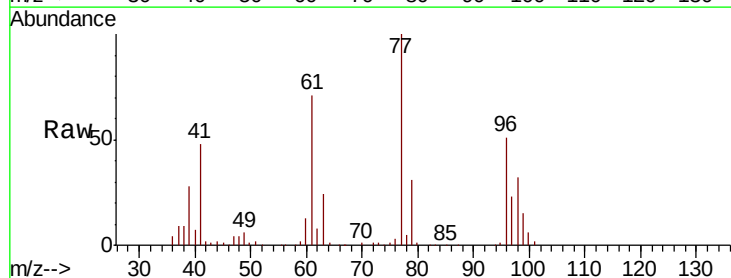
Acq: 21 Jun 2019 11:54

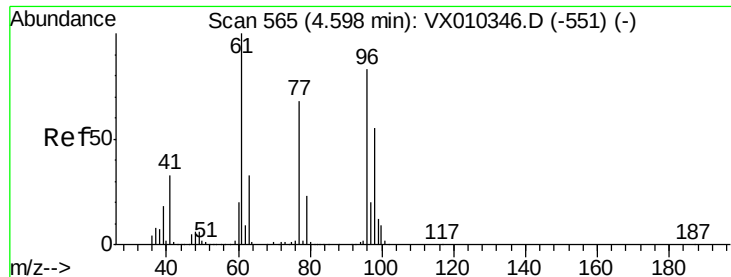
Tgt Ion: 77 Resp: 70178

Ion Ratio Lower Upper

77 100

97 26.2 13.1 39.3



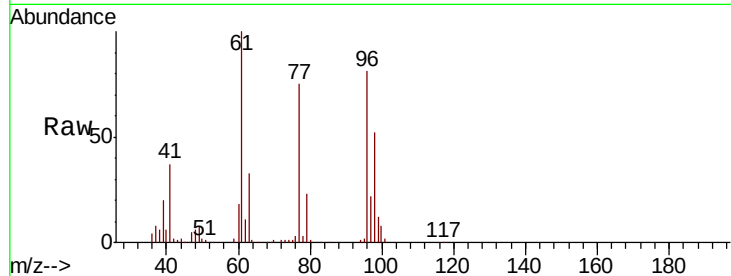


#27

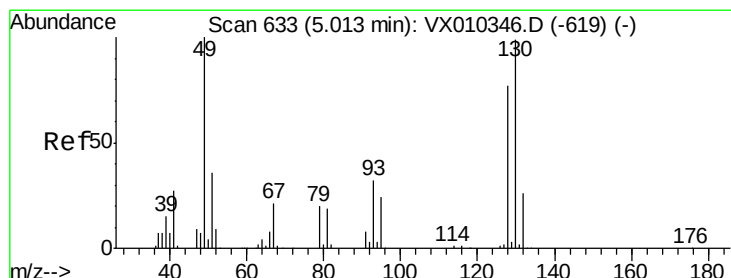
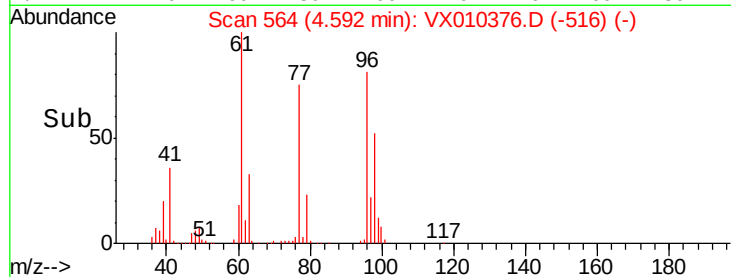
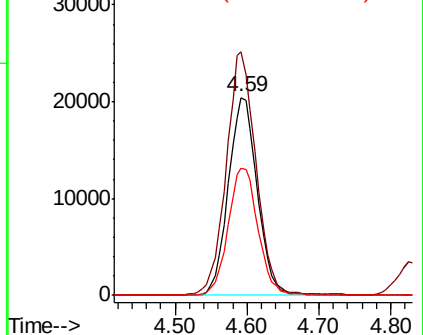
cis-1,2-Dichloroethene
 Concen: 17.953 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Tot Ion: 96 Resp: 57212
 Ion Ratio Lower Upper
 96 100
 61 125.7 0.0 251.8
 98 66.0 0.0 129.4



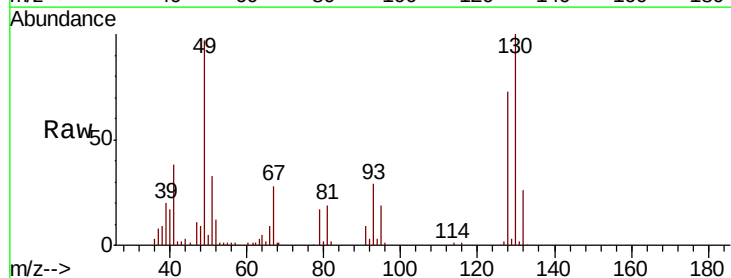
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



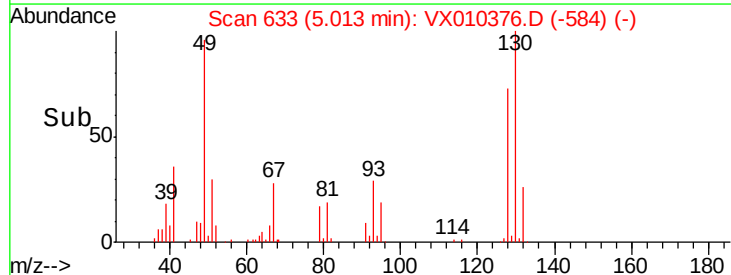
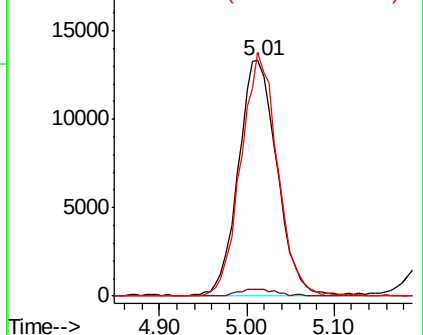
#28

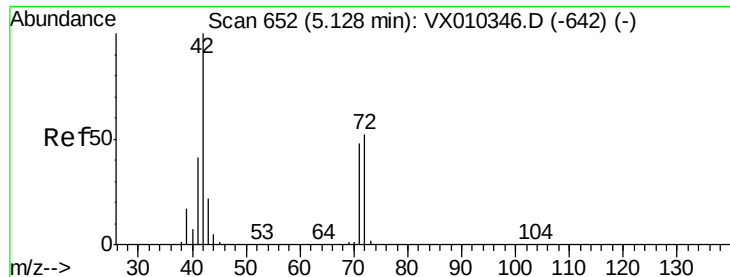
Bromochloromethane
 Concen: 19.436 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Tgt Ion: 49 Resp: 40881
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 97.6 81.4 122.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

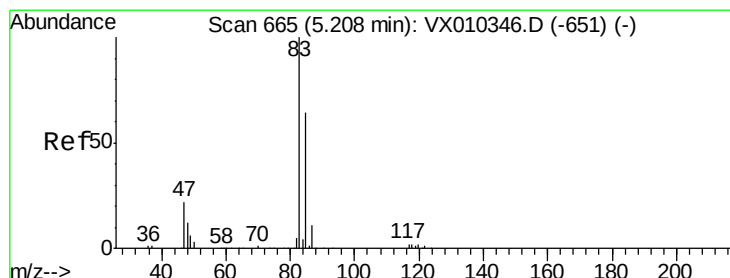
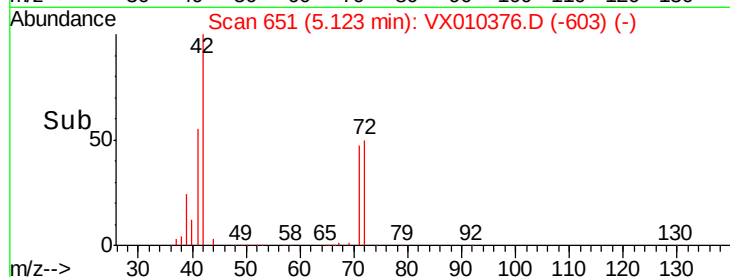
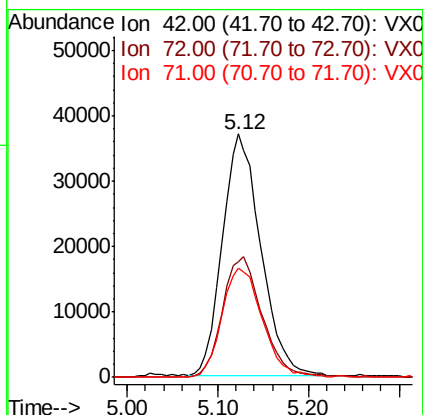
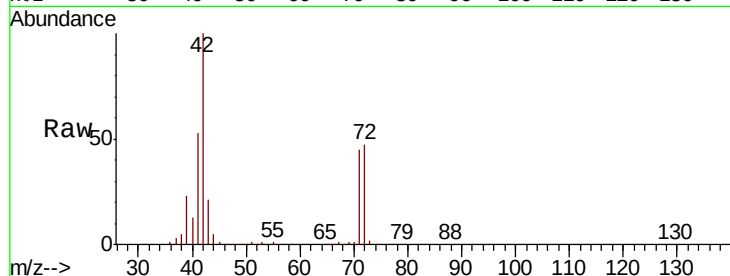




#29
Tetrahydrofuran
Concen: 85.543 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

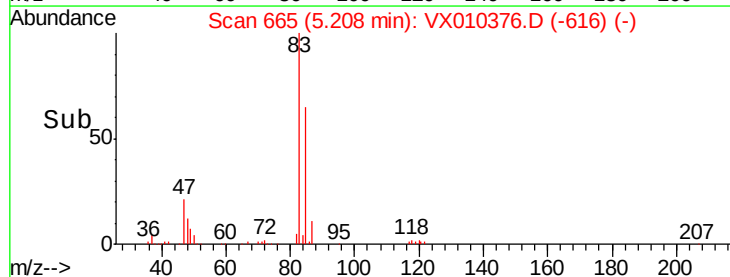
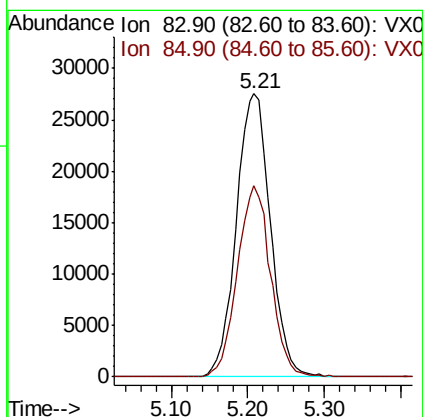
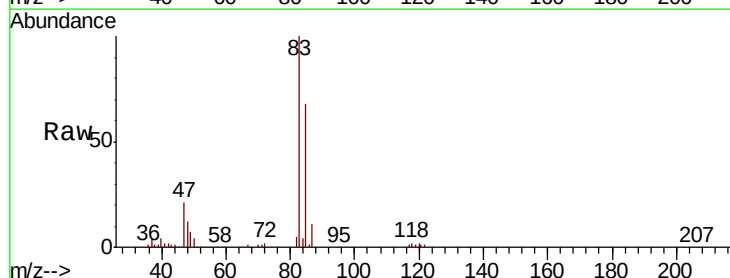
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

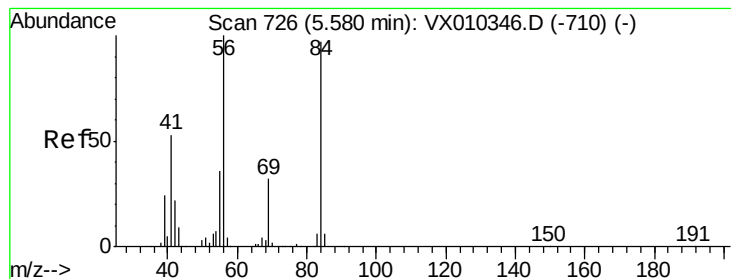
Tot Ion: 42 Resp: 108038
Ion Ratio Lower Upper
42 100
72 52.5 40.6 60.8
71 47.8 37.8 56.8



#30
Chloroform
Concen: 17.970 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion: 83 Resp: 85063
Ion Ratio Lower Upper
83 100
85 67.5 50.9 76.3





#31

Cyclohexane

Concen: 18.097 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

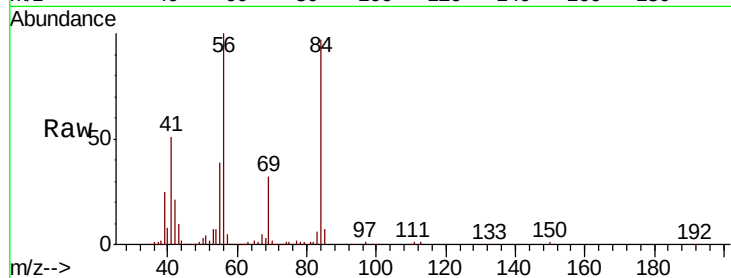
Tot Ion: 56 Resp: 72499

Ion Ratio Lower Upper

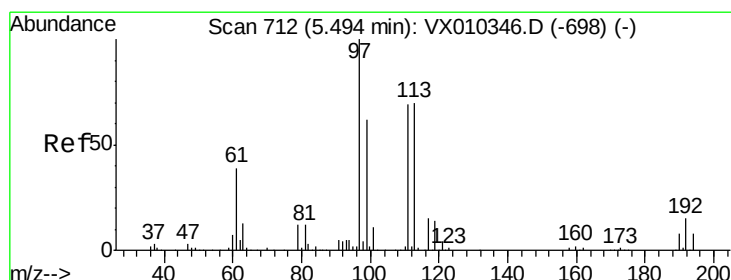
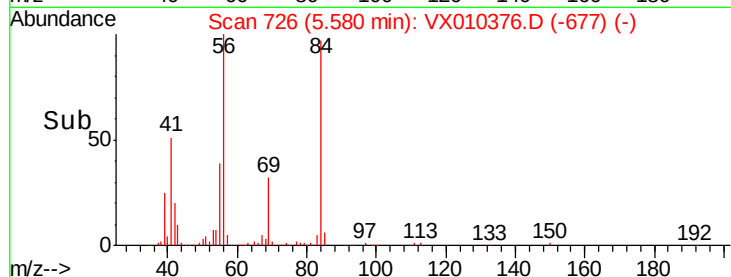
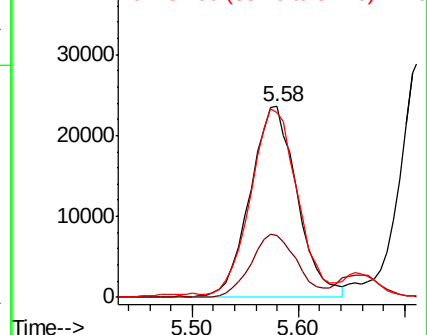
56 100

69 32.0 25.9 38.9

84 94.5 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.186 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

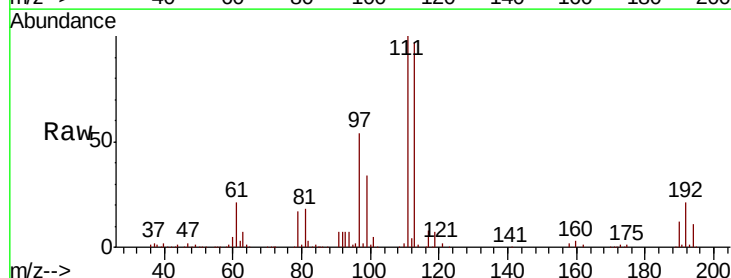
Tgt Ion: 97 Resp: 76009

Ion Ratio Lower Upper

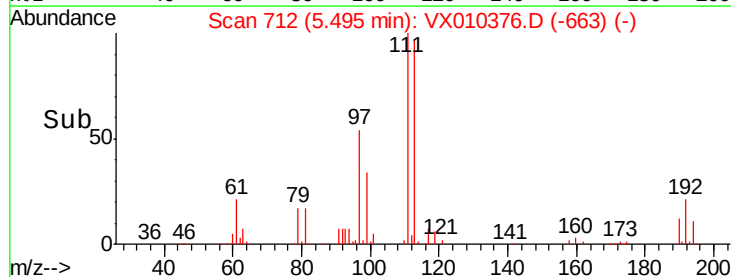
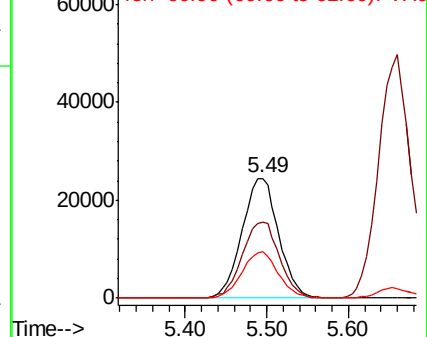
97 100

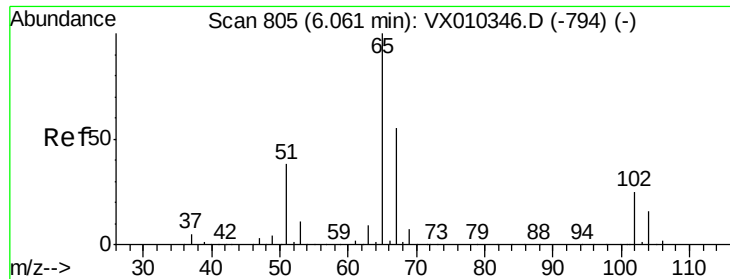
99 64.9 51.8 77.8

61 38.9 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

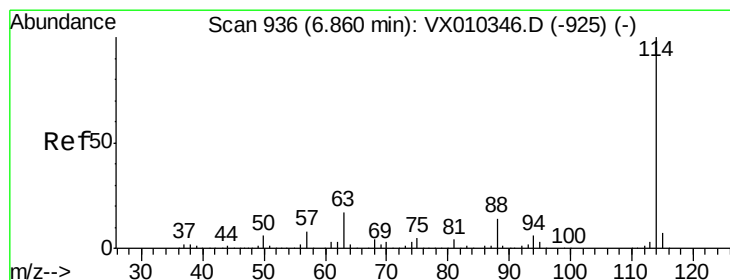
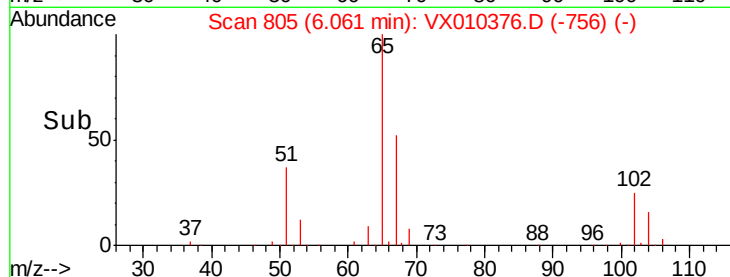
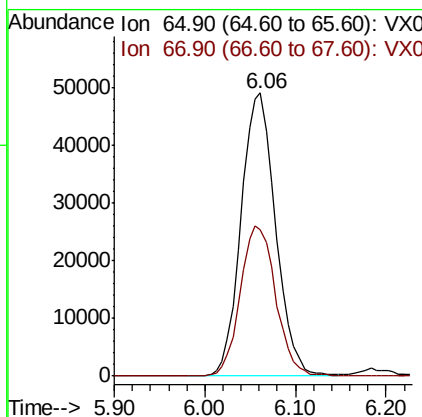
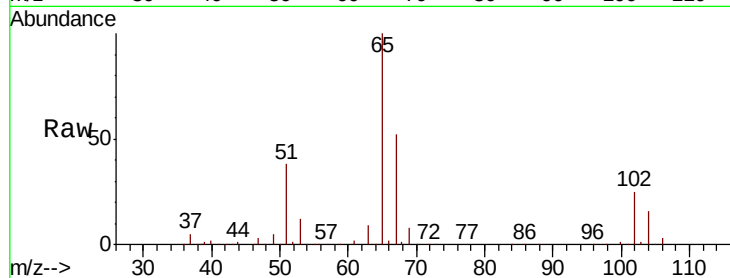




#33
 1,2-Dichloroethane-d4
 Concen: 46.661 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

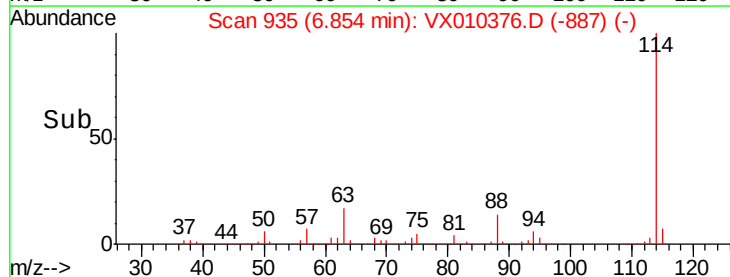
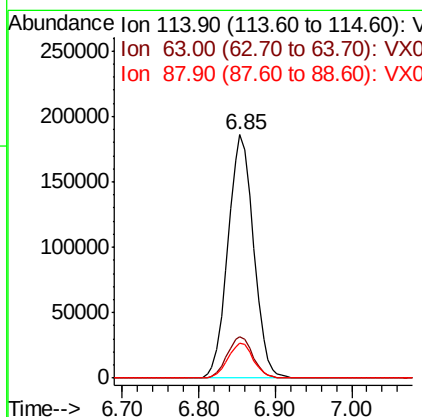
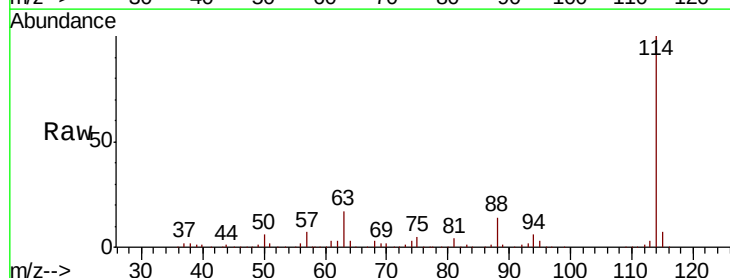
Instrument :
 MSVOA_X
 ClientSampled :
 VX0621WBS01

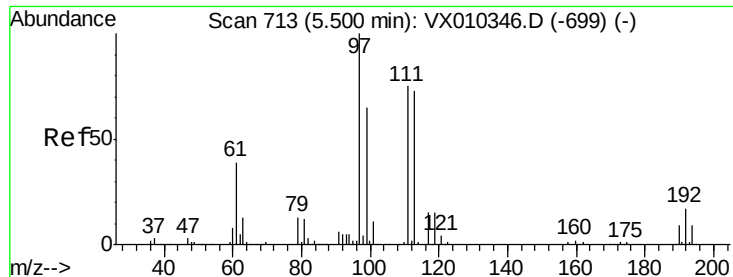
Tot Ion: 65 Resp: 129417
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Tgt Ion: 114 Resp: 432038
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 33.8
 88 14.3 0.0 27.6

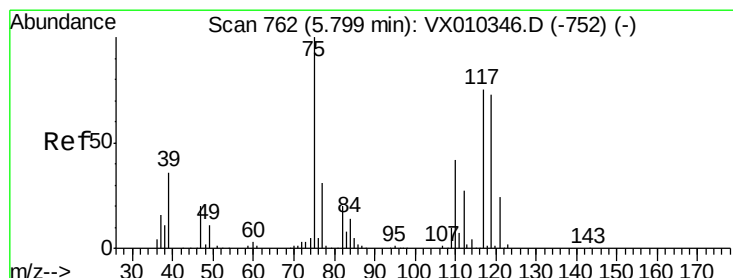
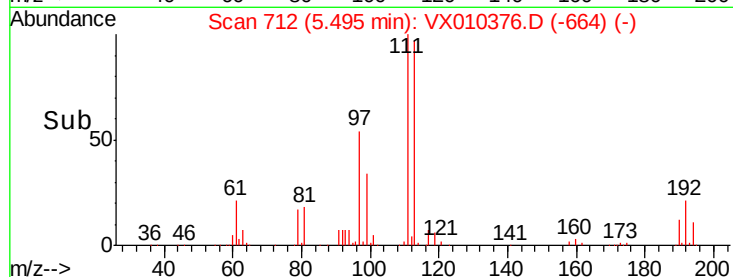
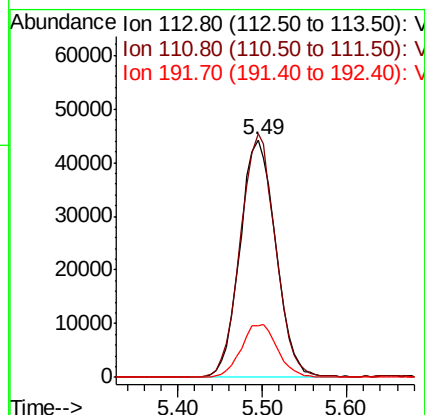
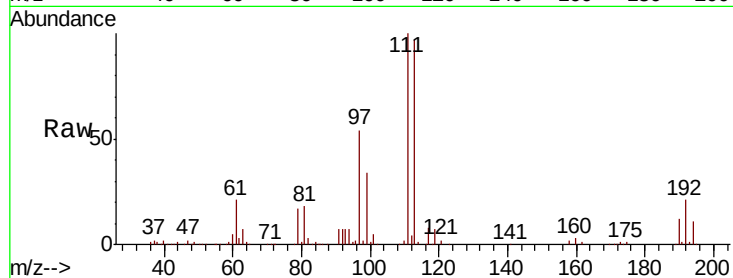




#35
 Dibromofluoromethane
 Concen: 48.098 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

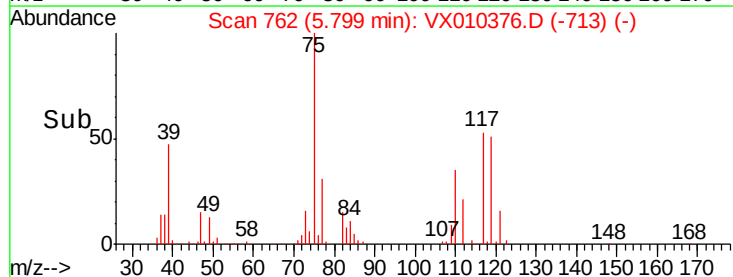
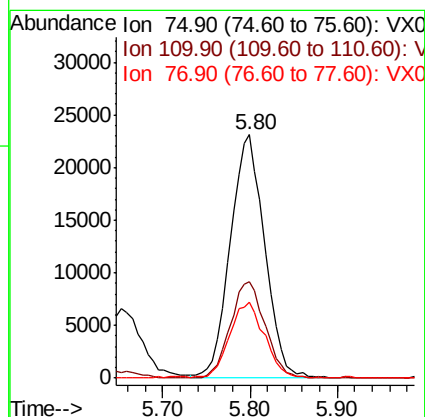
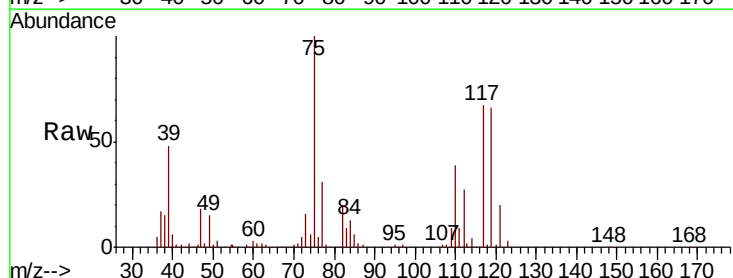
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

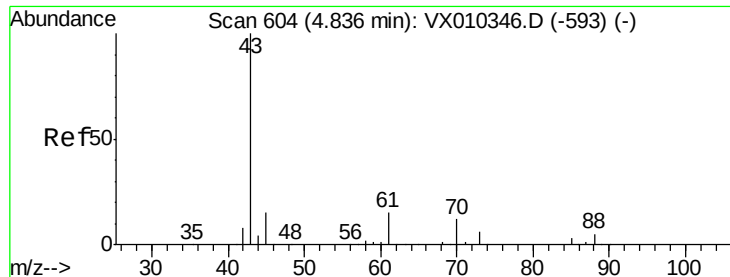
Tot Ion:113 Resp: 127141
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.2 121.8
 192 22.7 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 18.178 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Tgt Ion: 75 Resp: 62409
 Ion Ratio Lower Upper
 75 100
 110 40.9 20.8 62.2
 77 32.2 25.4 38.0

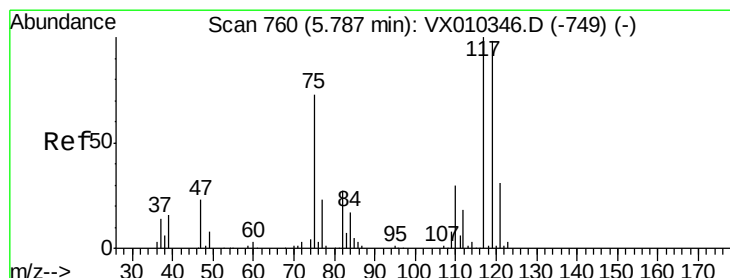
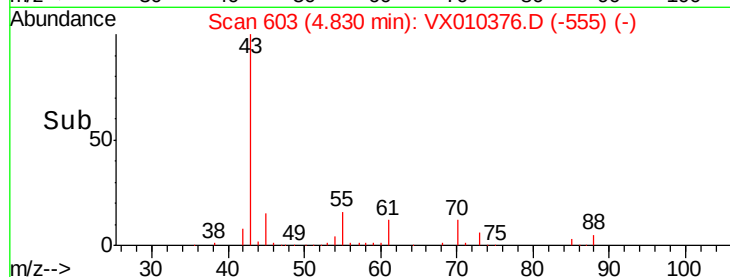
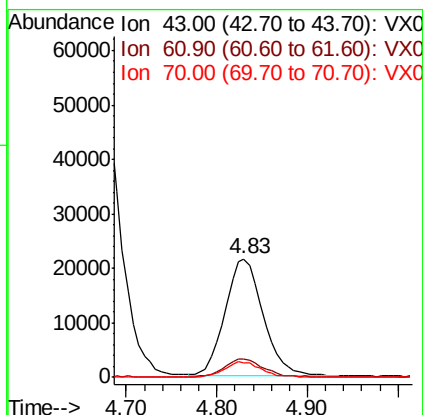
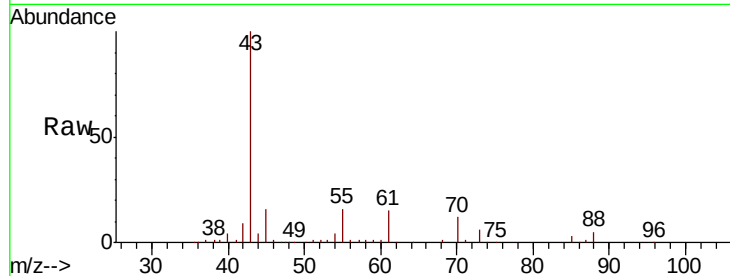




#37
Ethyl Acetate
Concen: 17.919 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

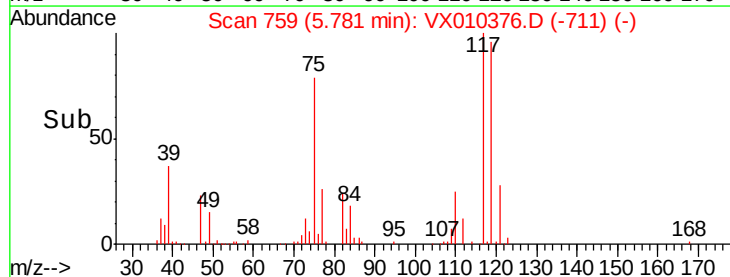
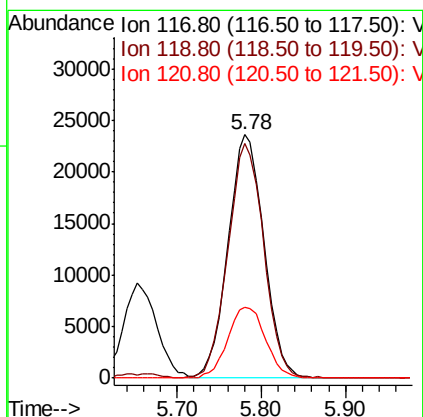
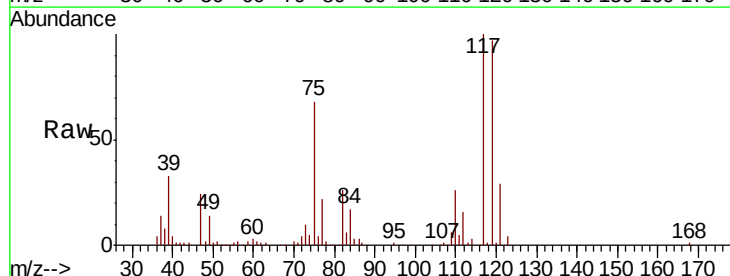
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

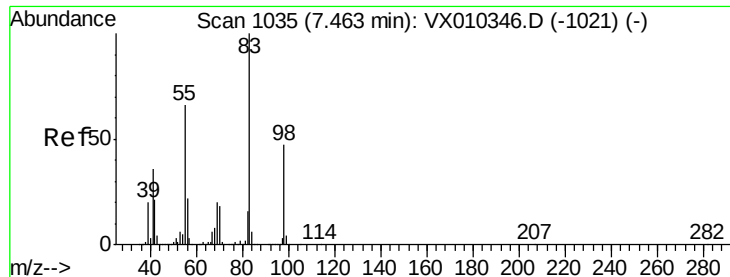
Tot Ion: 43 Resp: 63289
Ion Ratio Lower Upper
43 100
61 16.5 12.4 18.6
70 12.8 9.8 14.8



#38
Carbon Tetrachloride
Concen: 18.342 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion: 117 Resp: 68189
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.4
121 29.3 24.7 37.1

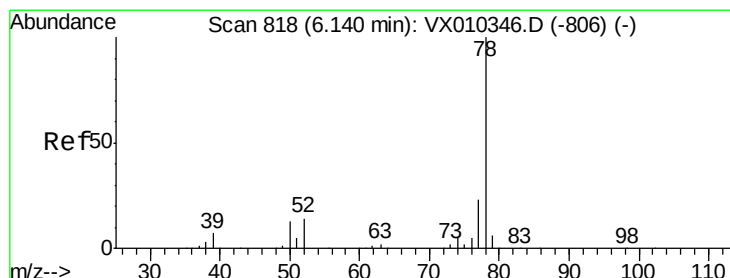
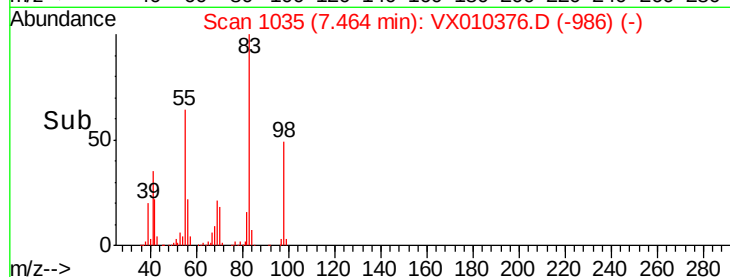
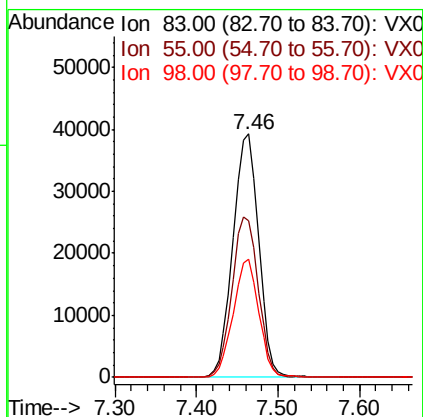
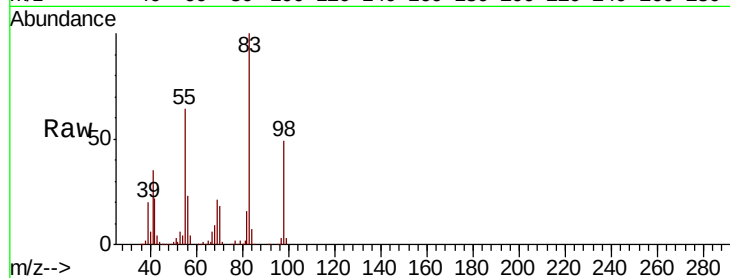




#39
Methylvlcyclohexane
Concen: 18.972 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

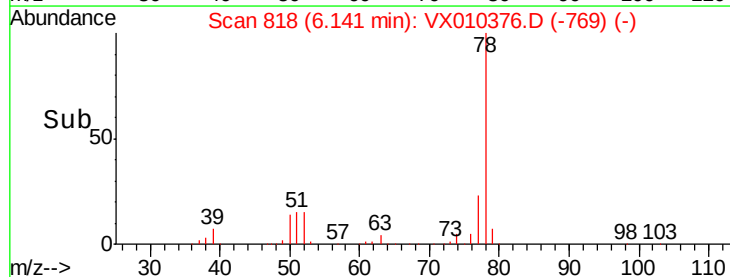
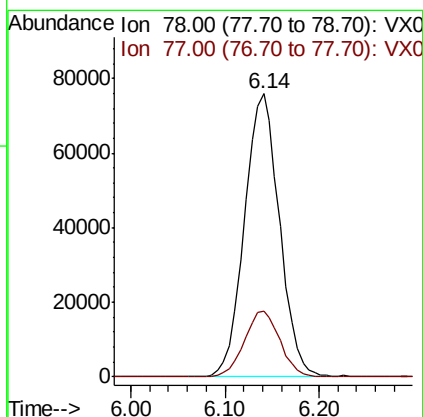
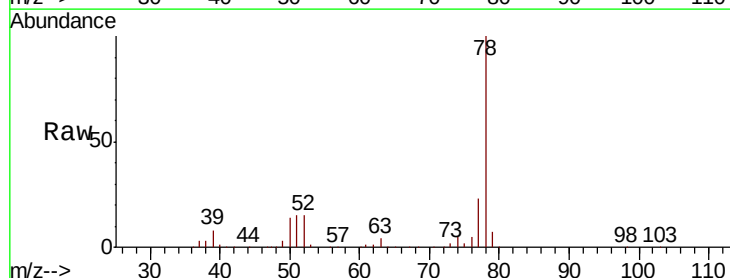
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

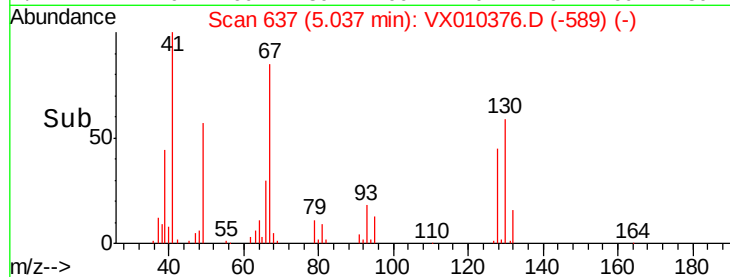
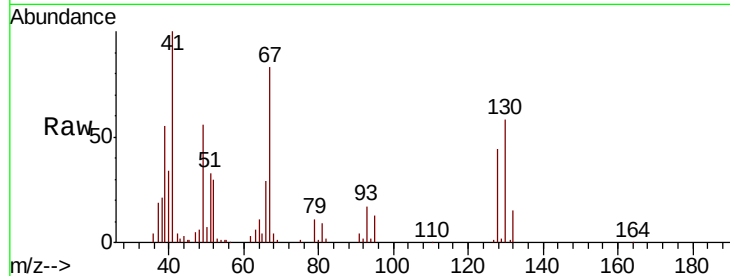
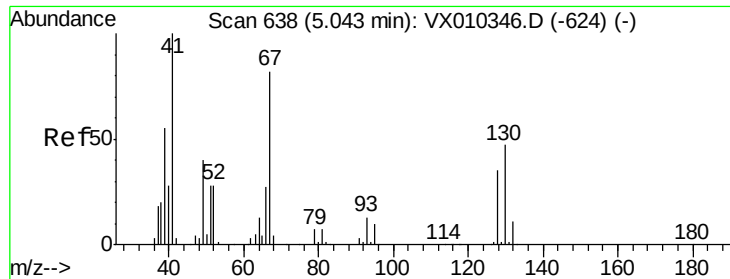
Tot Ion: 83 Resp: 85619
Ion Ratio Lower Upper
83 100
55 64.4 53.0 79.6
98 48.5 37.8 56.8



#40
Benzene
Concen: 18.479 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion: 78 Resp: 197648
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0

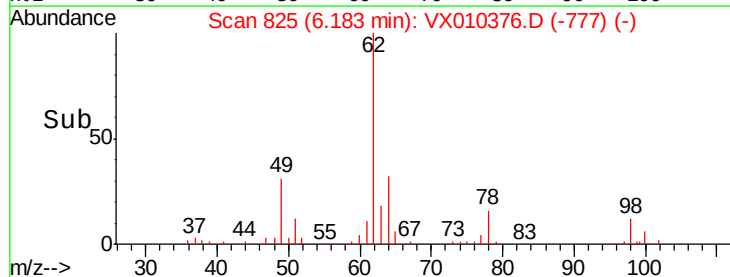
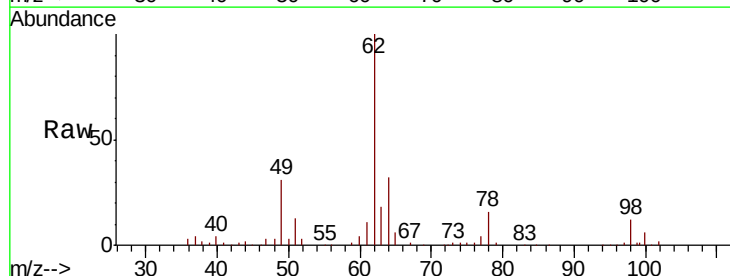
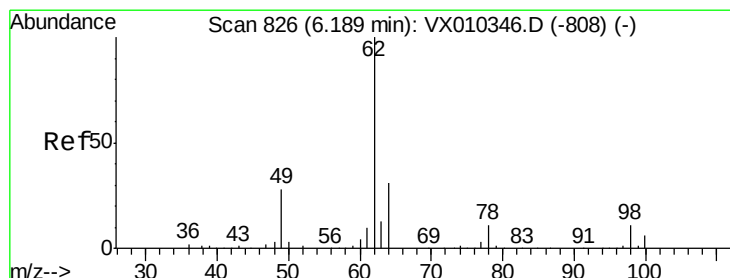
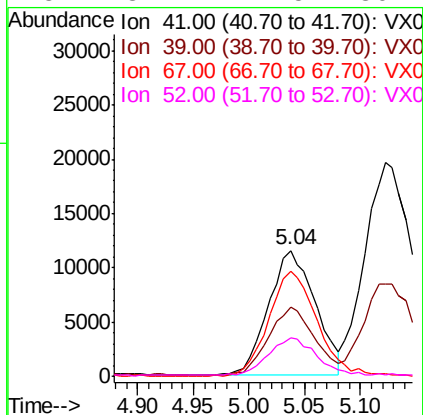




#41
Methacrylonitrile
Concen: 17.448 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

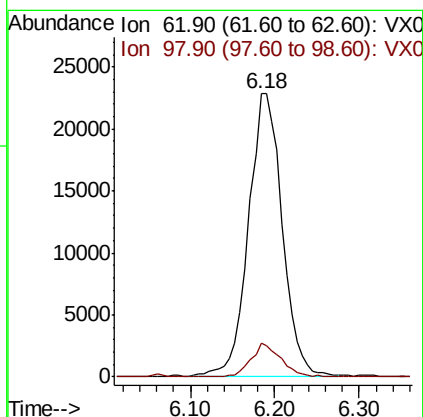
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

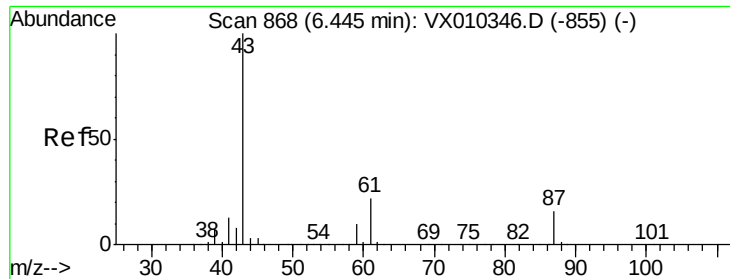
Tot Ion: 41 Resp: 33812
Ion Ratio Lower Upper
41 100
39 53.7 43.8 65.8
67 87.0 66.6 100.0
52 31.4 24.5 36.7



#42
1,2-Dichloroethane
Concen: 19.008 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion: 62 Resp: 61887
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.2

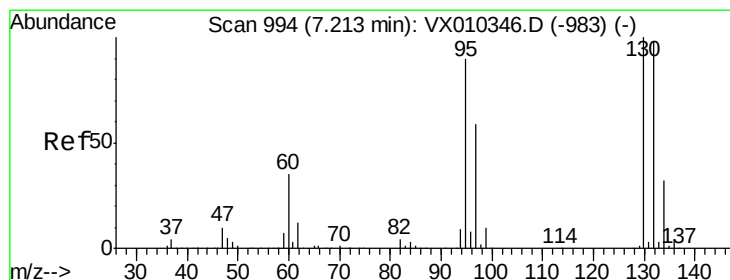
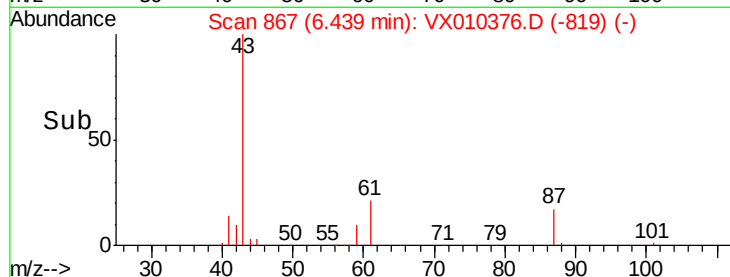
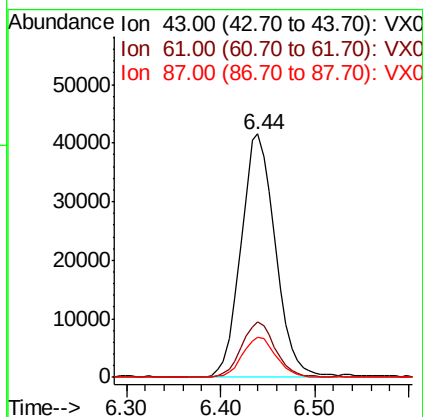
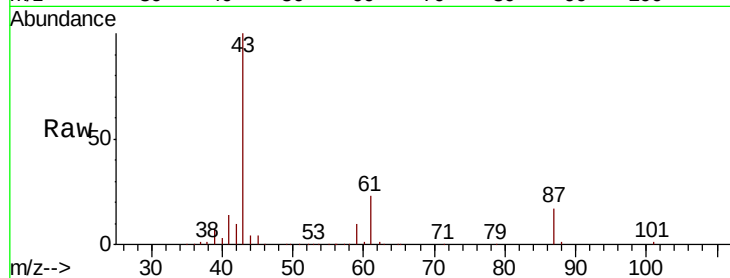




#43
Isopropyl Acetate
Concen: 17.992 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

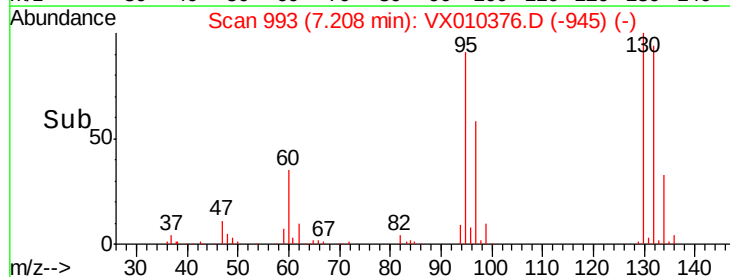
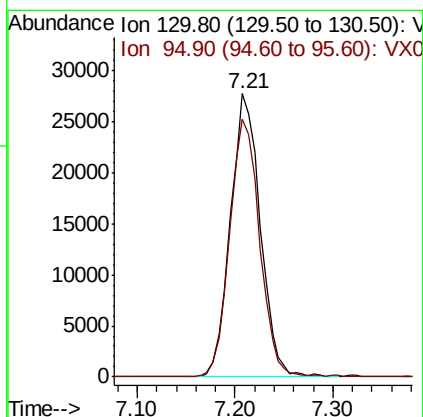
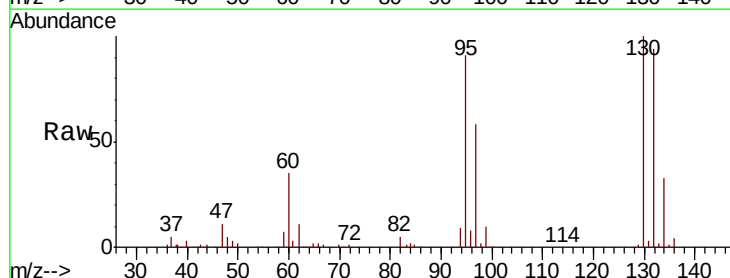
Instrument :
MSVOA_X
ClientSampled :
VX0621WBS01

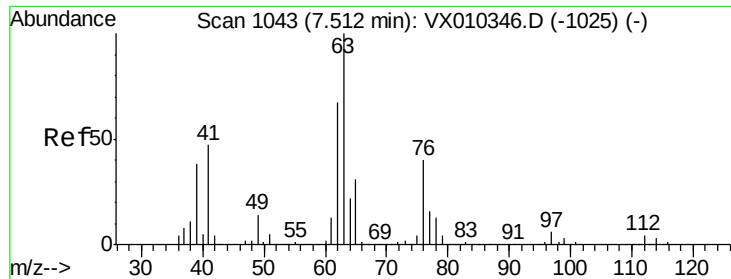
Tot Ion: 43 Resp: 105135
Ion Ratio Lower Upper
43 100
61 22.8 17.8 26.6
87 16.5 13.0 19.4



#44
Trichloroethene
Concen: 18.363 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion:130 Resp: 58771
Ion Ratio Lower Upper
130 100
95 91.3 0.0 180.8

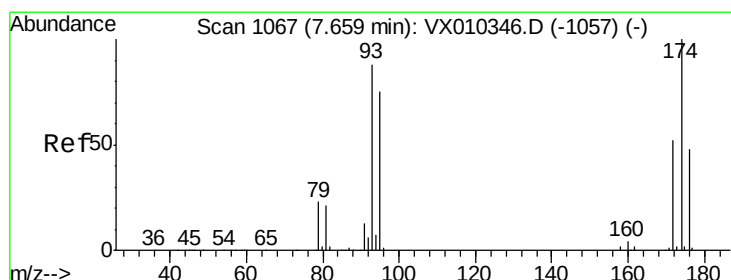
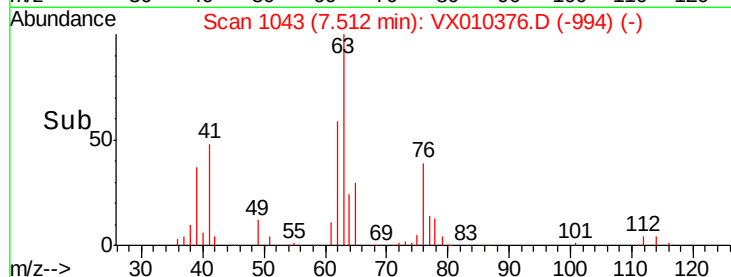
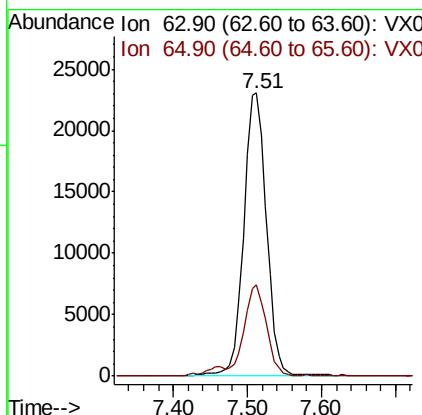
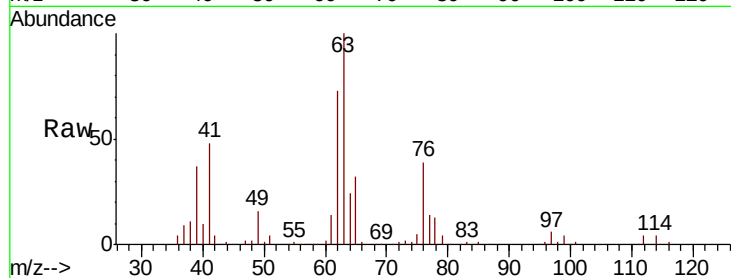




#45
 1,2-Dichloropropane
 Concen: 18.383 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

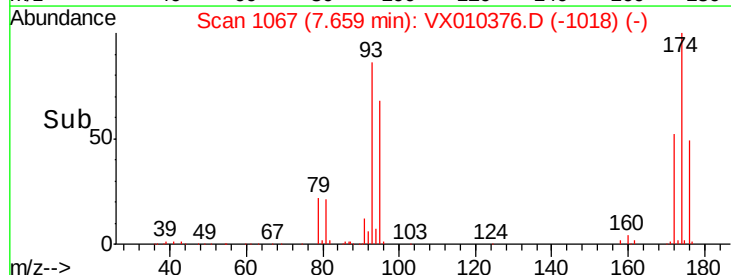
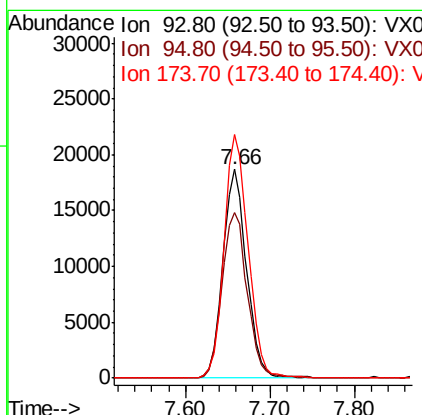
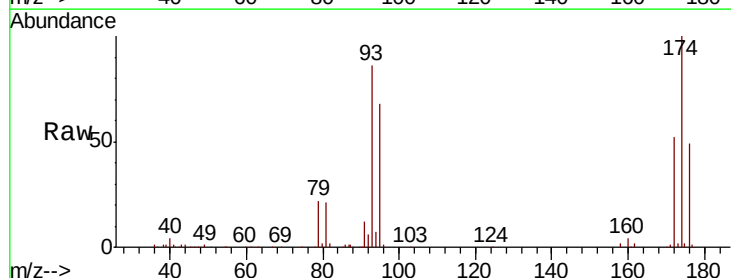
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

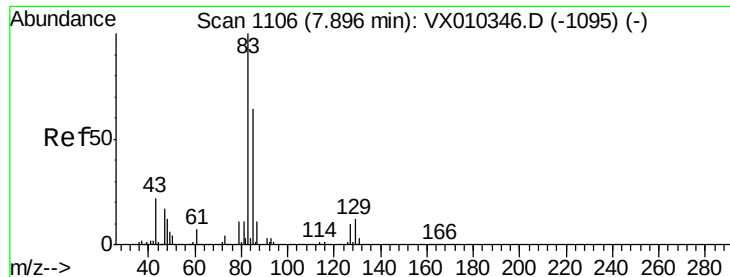
Tot Ion: 63 Resp: 49655
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.8 37.2



#46
 Dibromomethane
 Concen: 18.571 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Tgt Ion: 93 Resp: 35989
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.5 101.3
 174 117.5 95.8 143.6





#47

Bromodichloromethane

Concen: 18.250 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

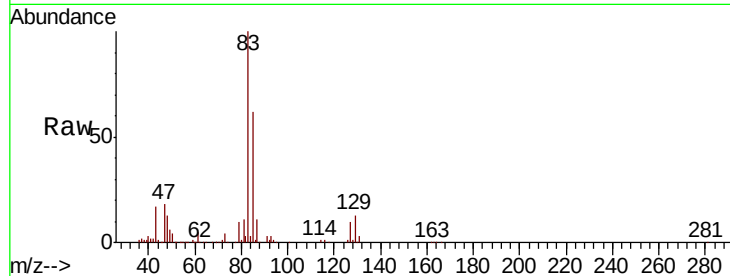
Tot Ion: 83 Resp: 64814

Ion Ratio Lower Upper

83 100

85 61.6 51.5 77.3

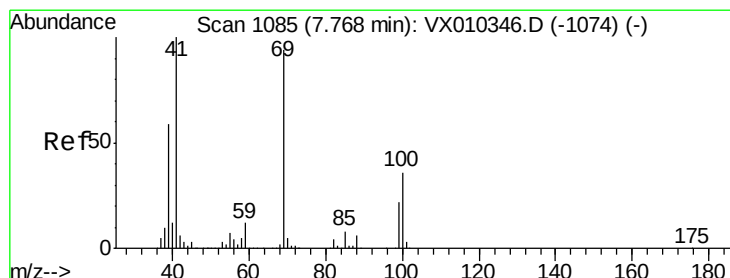
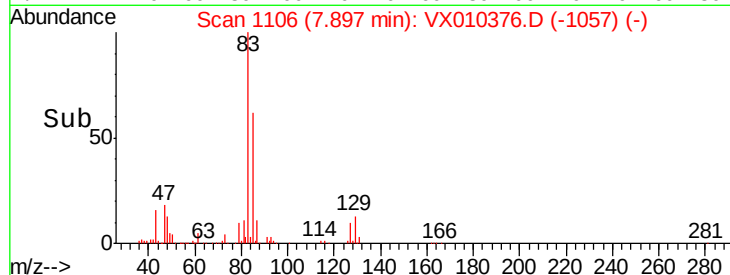
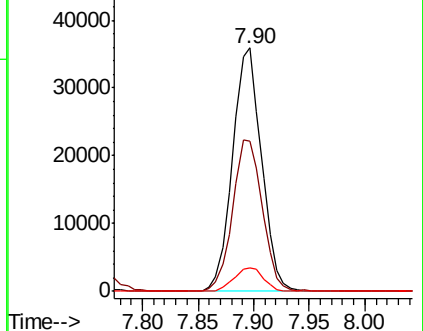
127 9.6 7.8 11.8



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: 18.295 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

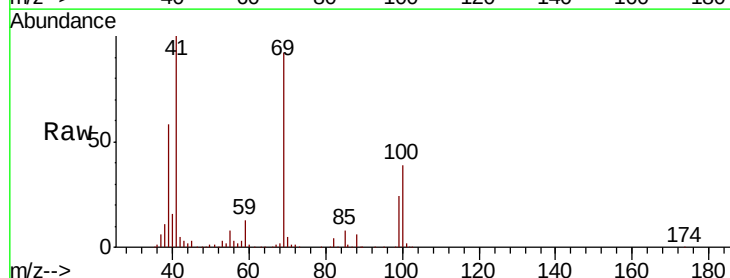
Tgt Ion: 41 Resp: 49693

Ion Ratio Lower Upper

41 100

69 95.5 76.1 114.1

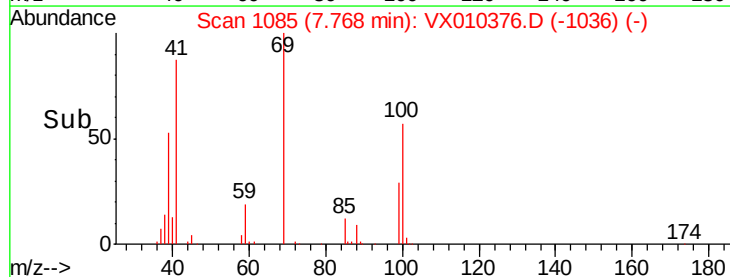
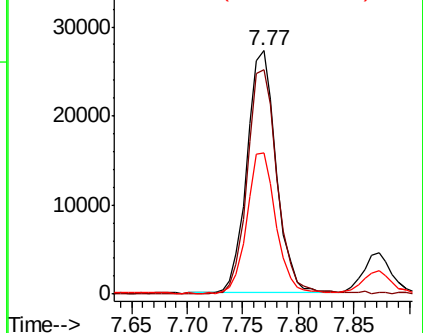
39 58.7 47.6 71.4

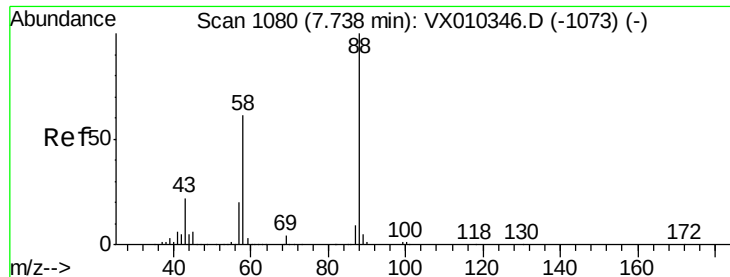


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 365.349 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

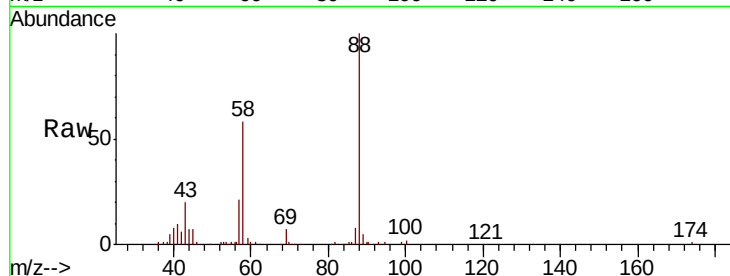
MSVOA_X

ClientSampleId :

VX0621WBS01

Tot Ion: 88 Resp: 28587

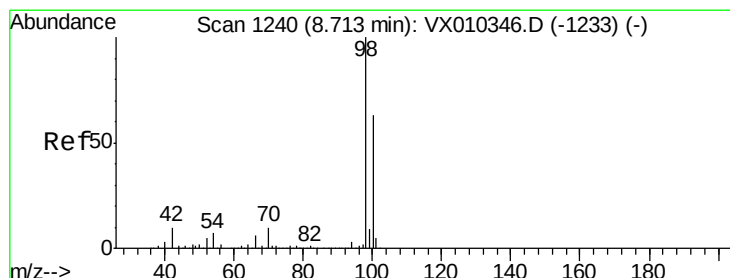
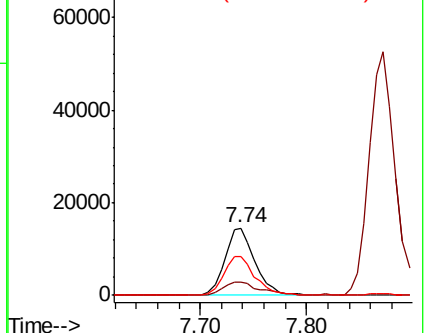
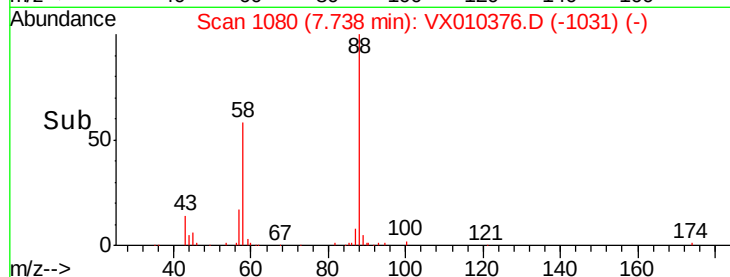
Ion	Ratio	Lower	Upper
88	100		
43	23.4	20.2	30.2
58	60.8	49.5	74.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.390 ug/l

RT: 8.71 min Scan# 1240

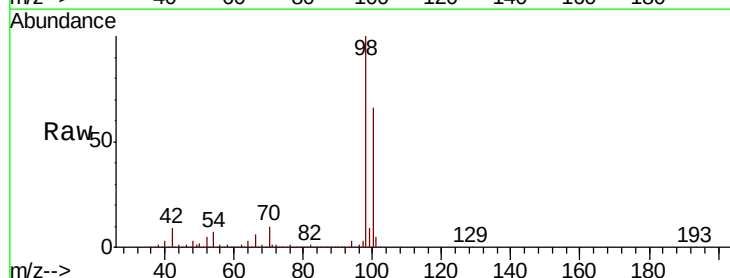
Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

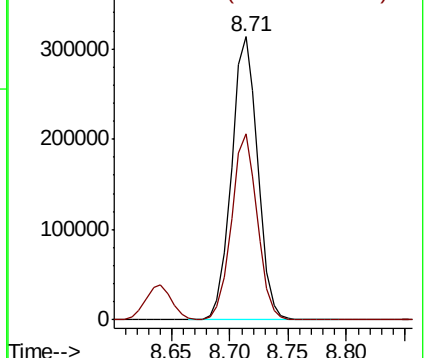
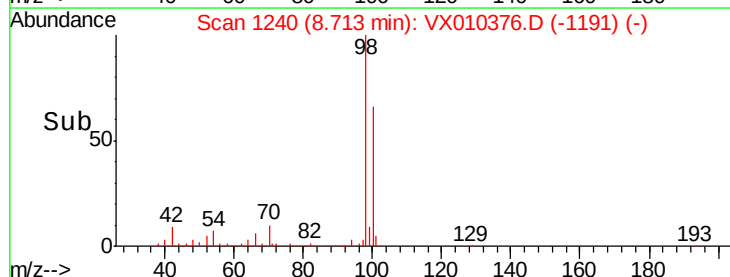
Tgt Ion: 98 Resp: 489372

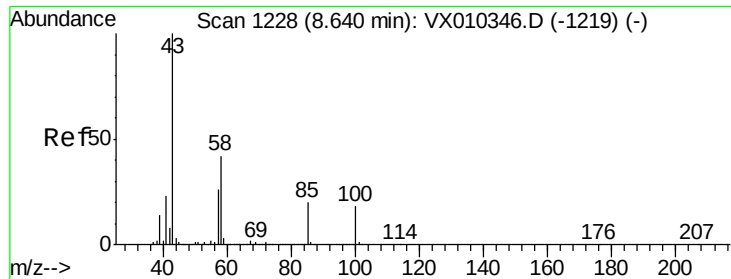
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

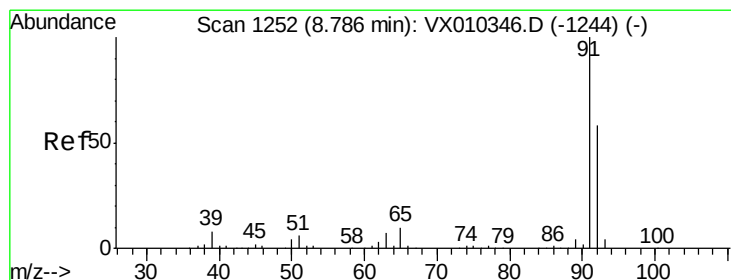
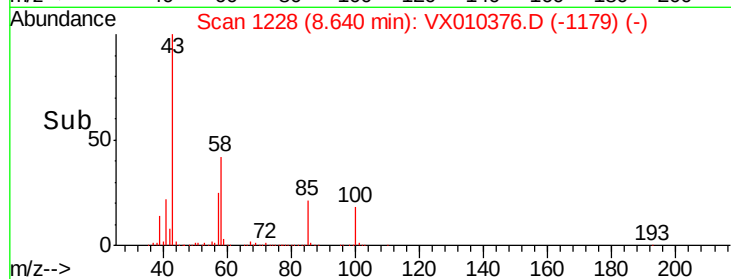
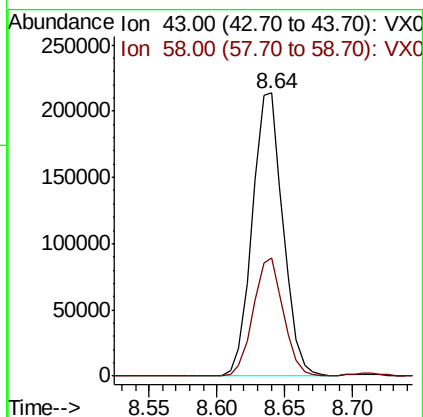
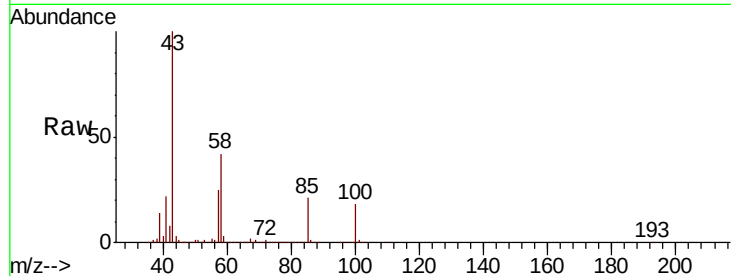




#51
 4-Methyl-2-Pentanone
 Concen: 90.737 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

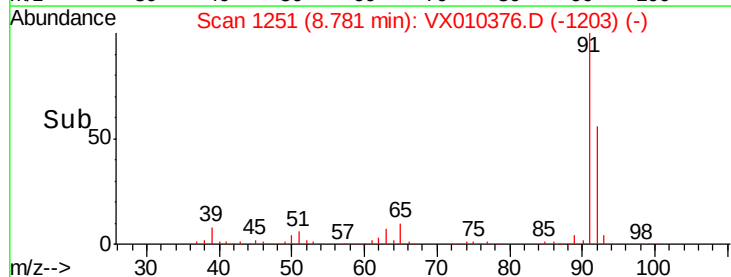
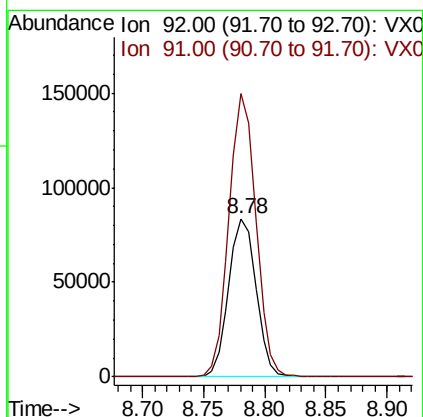
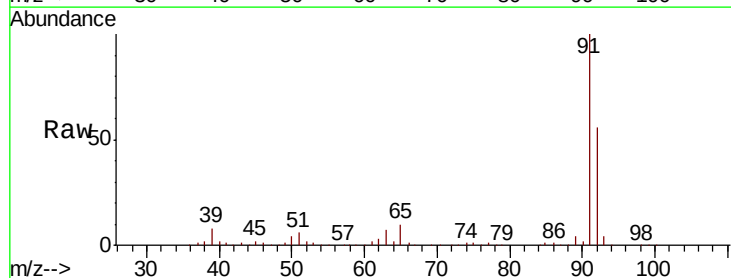
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

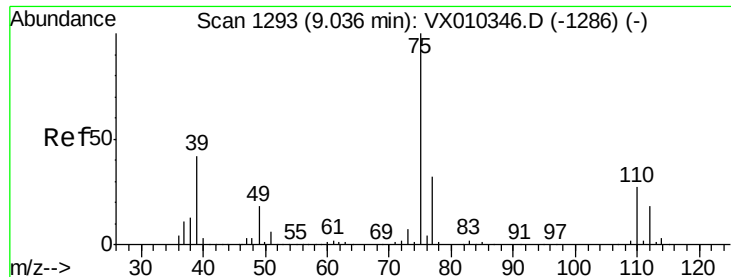
Tot Ion: 43 Resp: 339114
 Ion Ratio Lower Upper
 43 100
 58 41.0 33.5 50.3



#52
 Toluene
 Concen: 18.500 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Tgt Ion: 92 Resp: 130313
 Ion Ratio Lower Upper
 92 100
 91 175.5 139.8 209.6

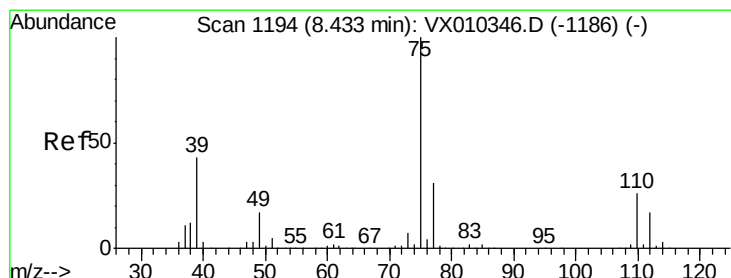
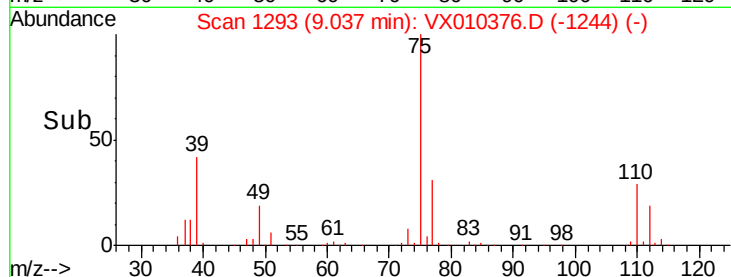
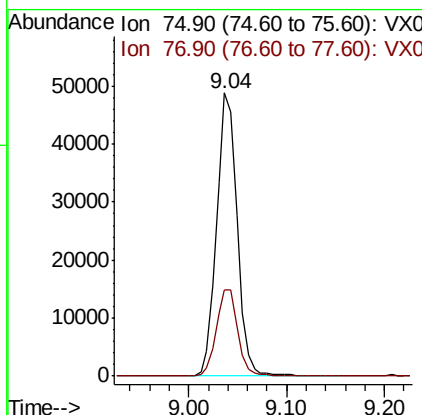
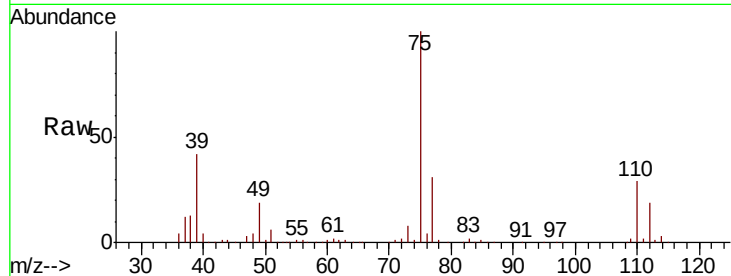




#53
 t-1,3-Dichloropropene
 Concen: 17.879 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

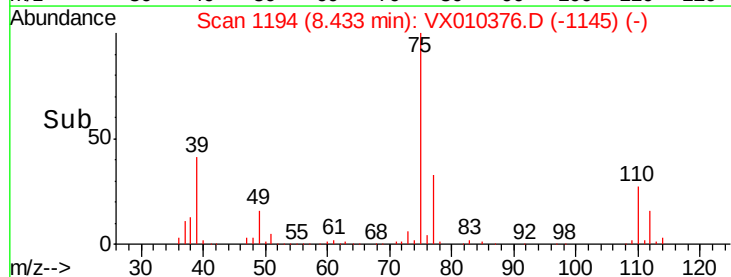
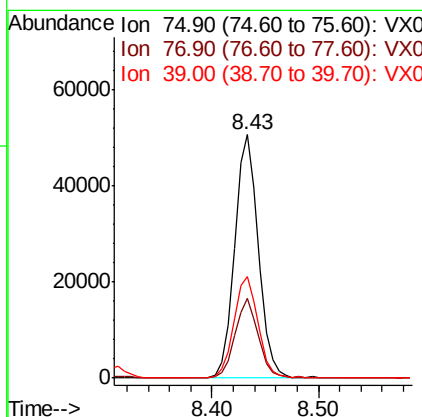
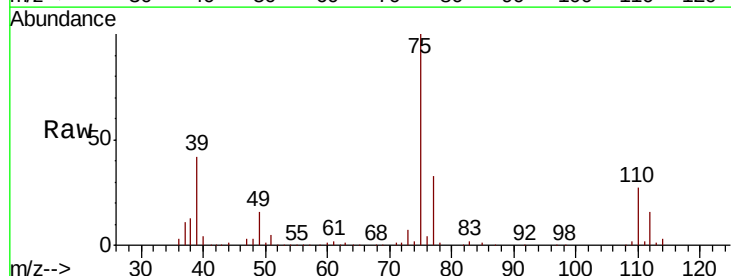
Instrument :
 MSVOA_X
 ClientSampled :
 VX0621WBS01

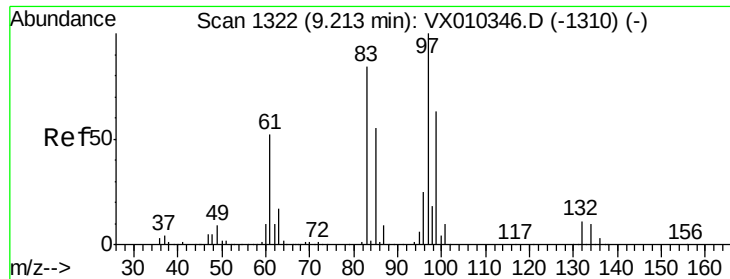
Tot Ion: 75 Resp: 71189
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 18.331 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Tgt Ion: 75 Resp: 79319
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.2 37.8
 39 41.3 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 18.154 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

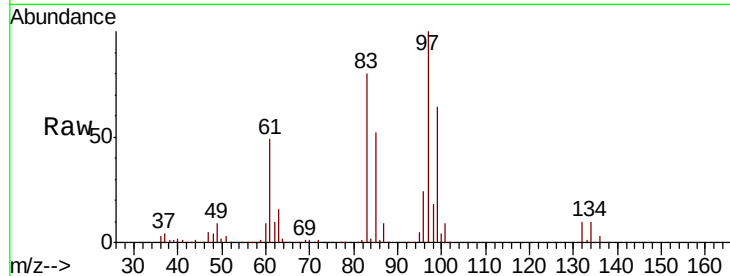
MSVOA_X

ClientSampled :

VX0621WBS01

Tot Ion: 97 Resp: 52737

Ion	Ratio	Lower	Upper
97	100		
83	80.1	67.4	101.0
85	52.4	43.8	65.8
99	63.5	50.3	75.5

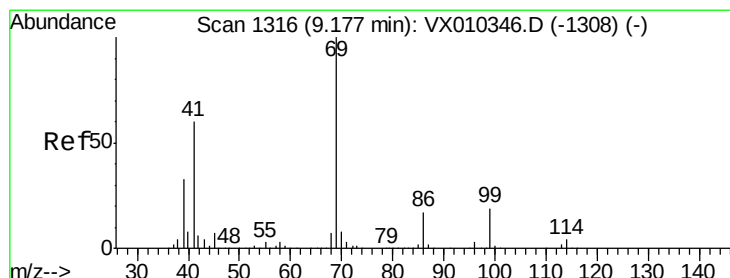
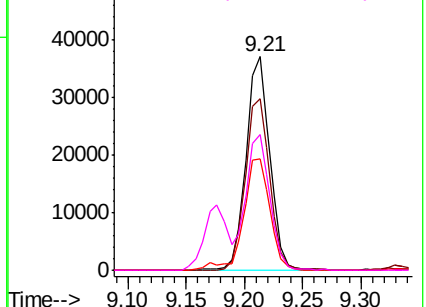
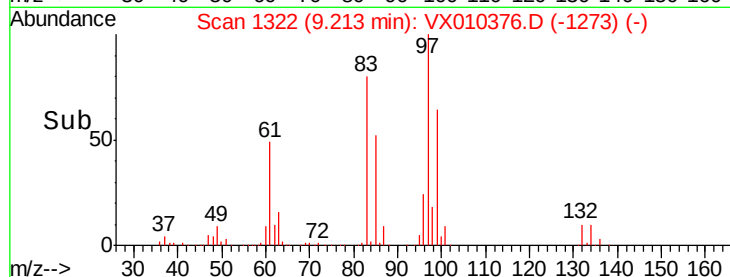


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.916 ug/l

RT: 9.18 min Scan# 1316

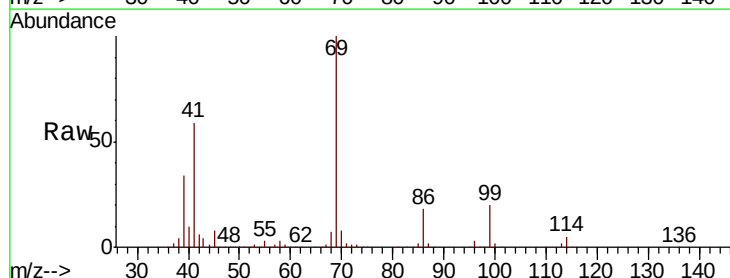
Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Tgt Ion: 69 Resp: 78841

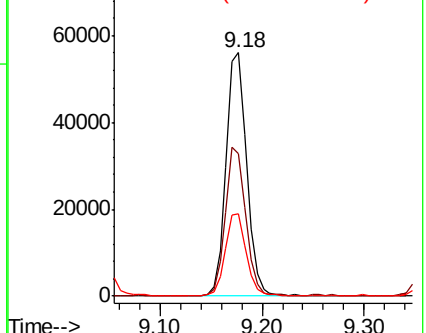
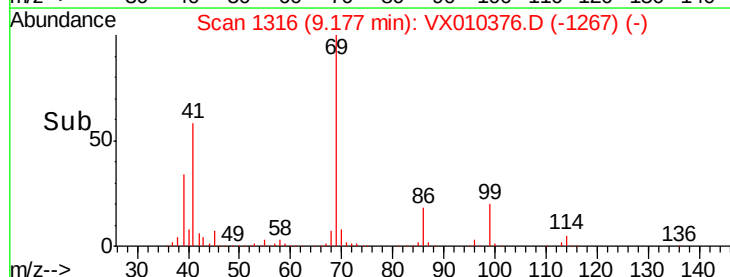
Ion	Ratio	Lower	Upper
69	100		
41	60.0	47.1	70.7
39	33.9	26.6	40.0

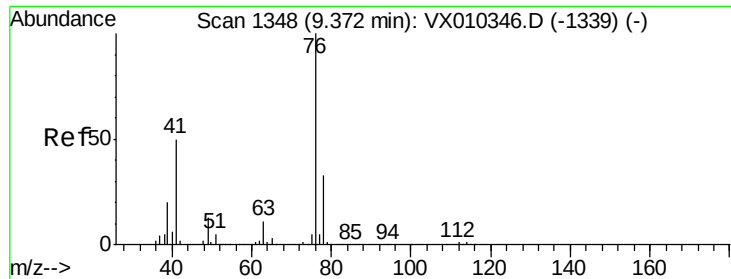


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

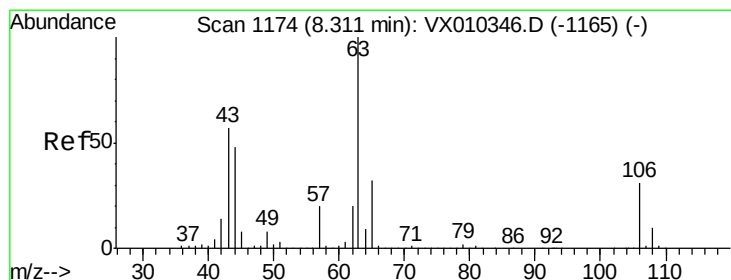
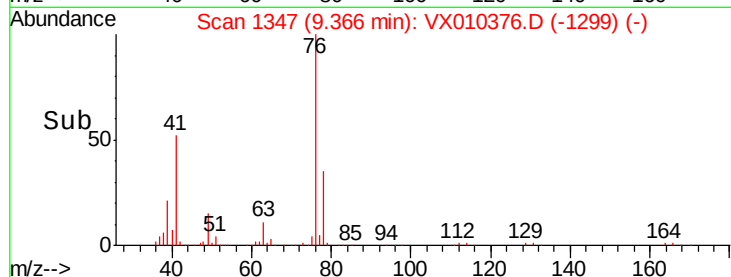
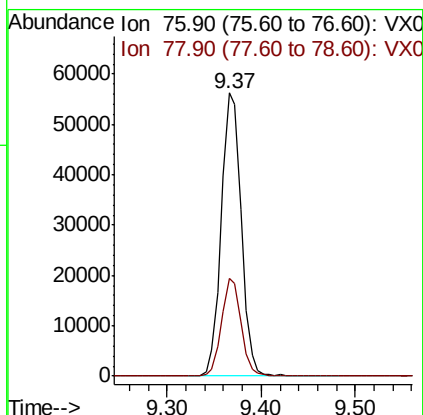
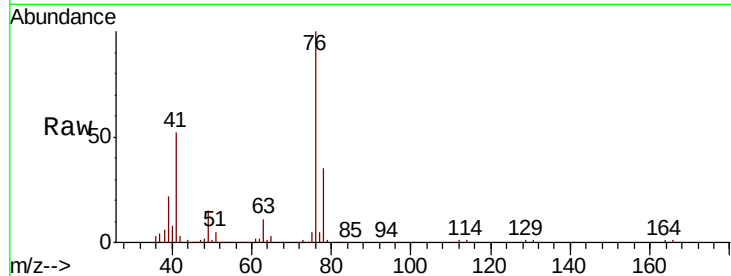




#57
 1,3-Dichloropropane
 Concen: 18.392 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

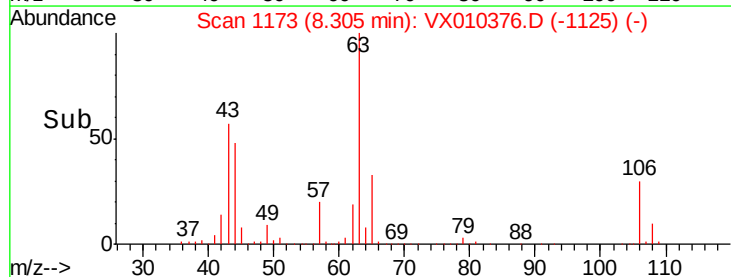
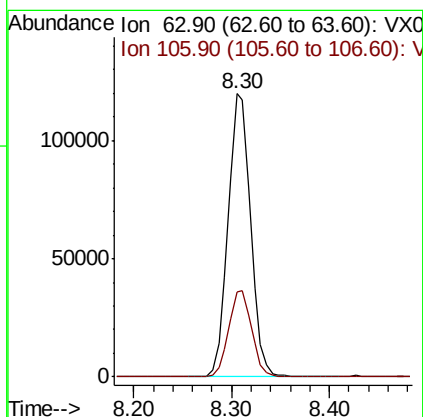
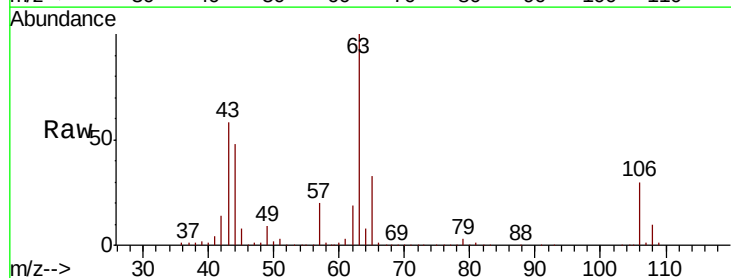
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

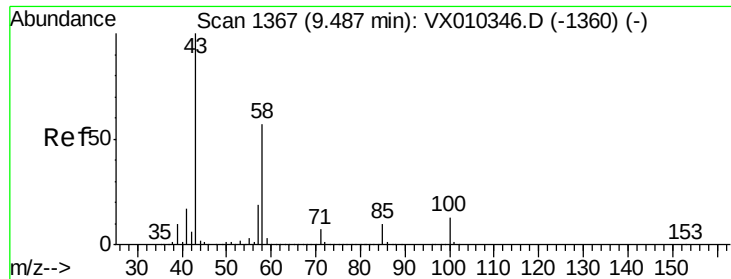
Tot Ion: 76 Resp: 82938
 Ion Ratio Lower Upper
 76 100
 78 33.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.343 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Tgt Ion: 63 Resp: 190907
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.7 37.1

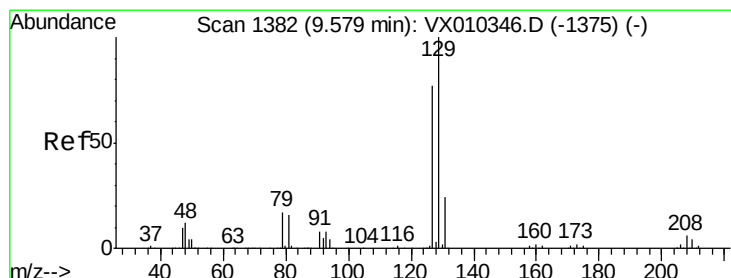
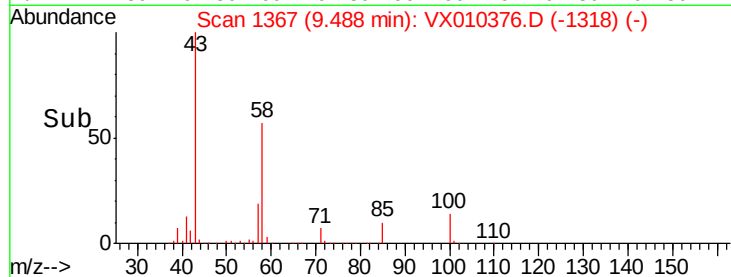
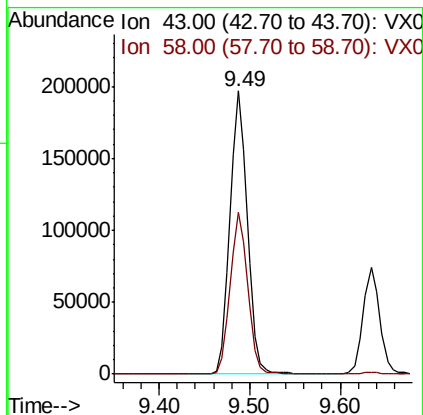
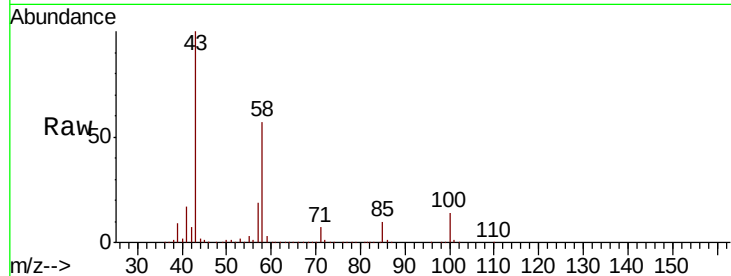




#59
2-Hexanone
Concen: 89.474 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

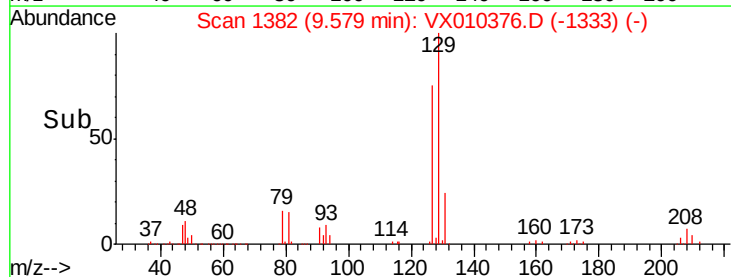
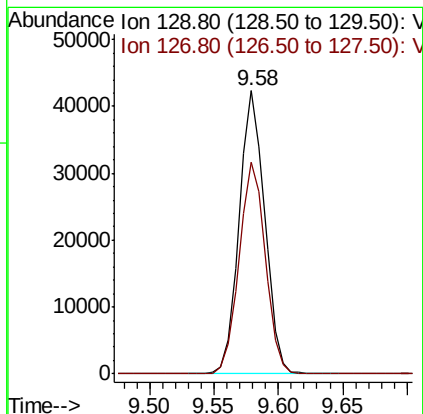
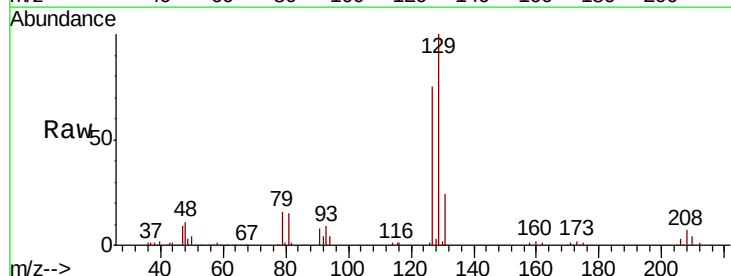
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

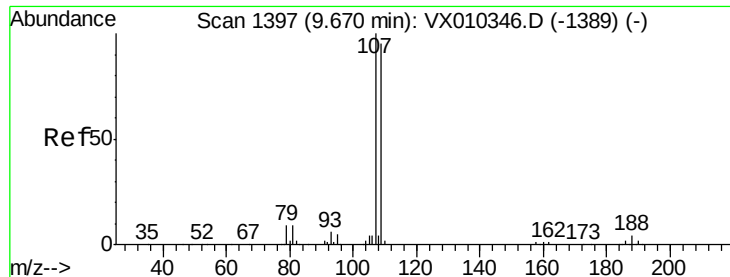
Tot Ion: 43 Resp: 263178
Ion Ratio Lower Upper
43 100
58 57.8 29.0 87.1



#60
Dibromochloromethane
Concen: 17.861 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion: 129 Resp: 58095
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 17.809 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

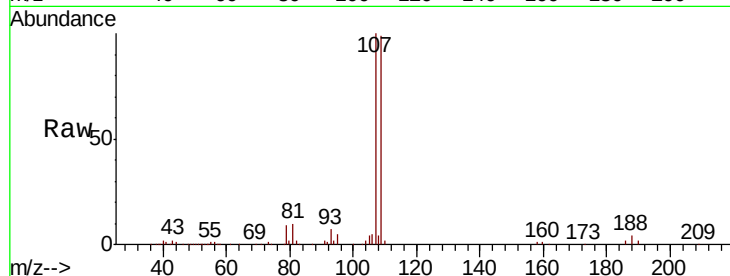
VX0621WBS01

Tot Ion:107 Resp: 55843

Ion Ratio Lower Upper

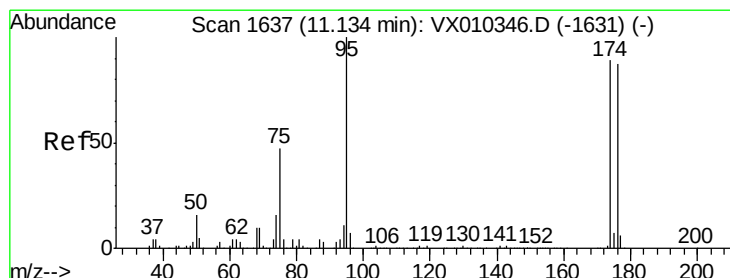
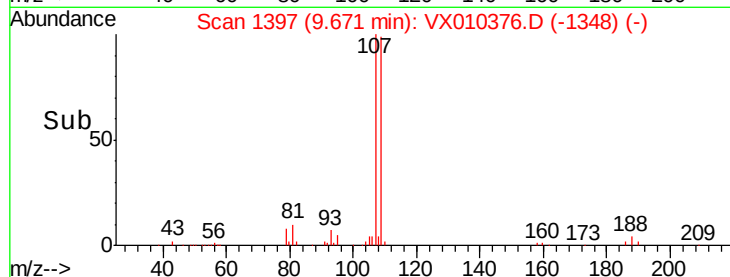
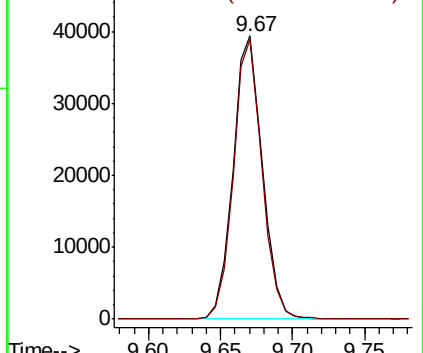
107 100

109 96.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.819 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

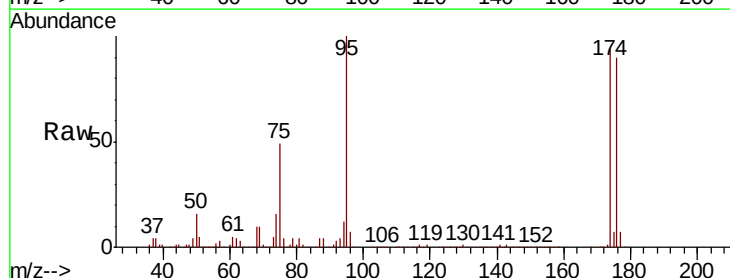
Tgt Ion: 95 Resp: 170938

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.6

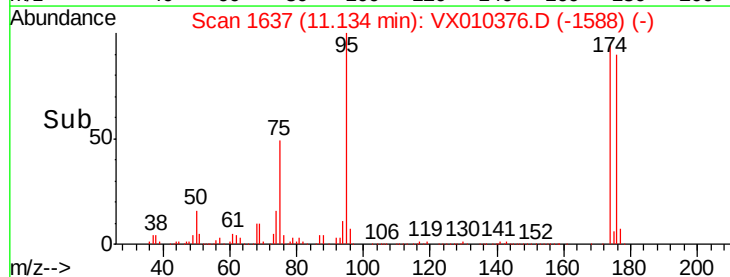
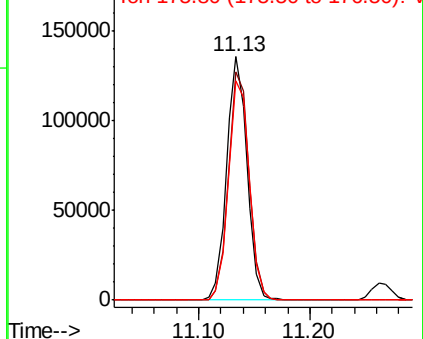
176 92.6 0.0 184.0

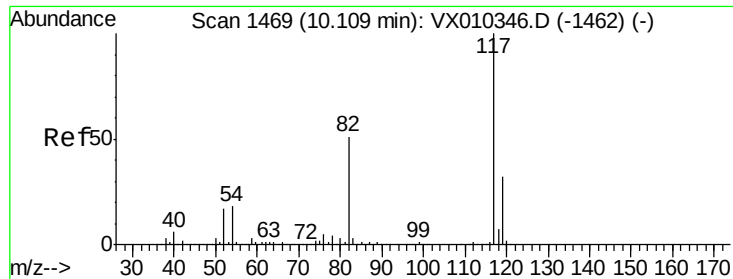


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

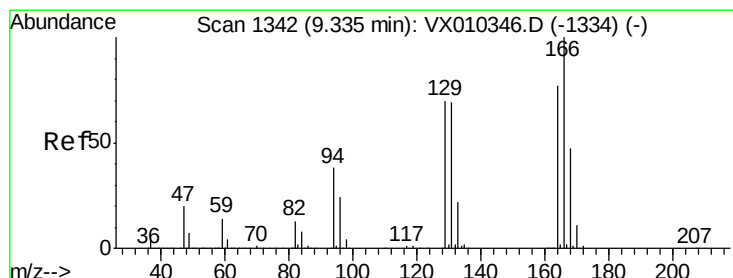
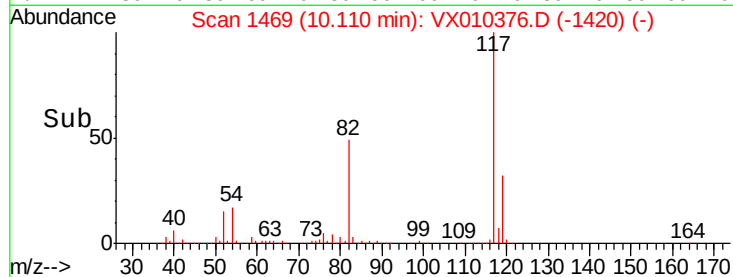
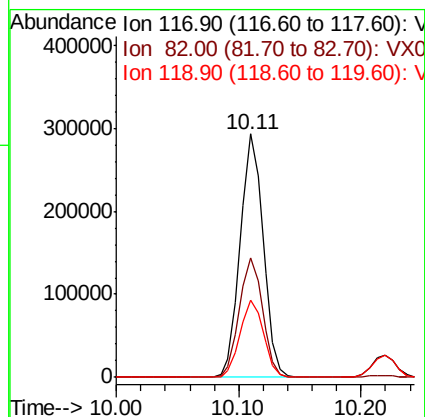
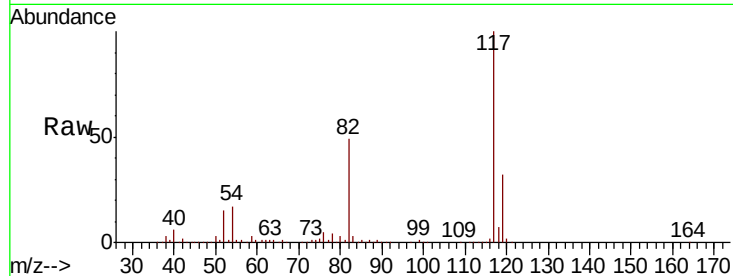




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

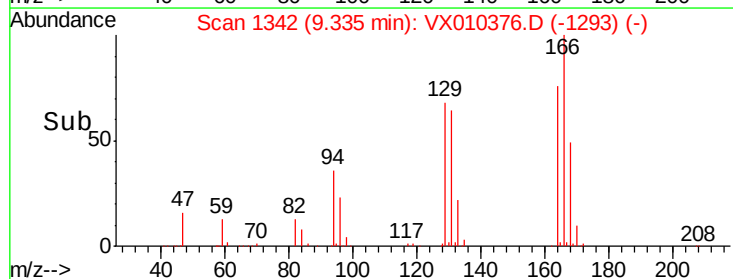
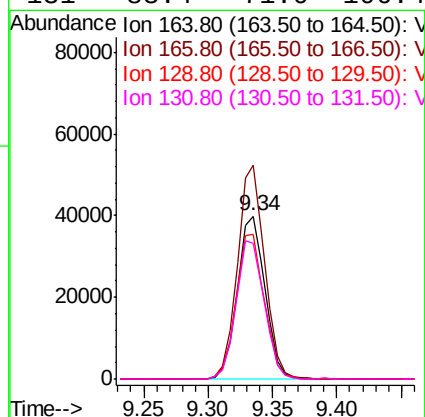
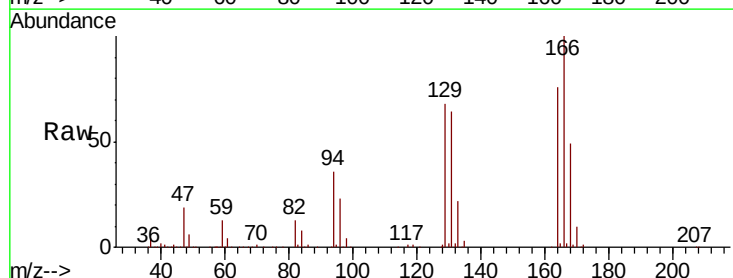
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

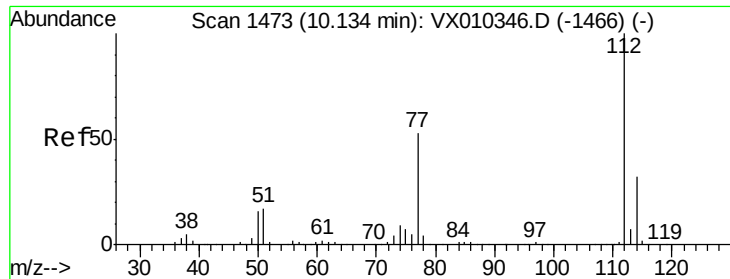
Tot Ion:117 Resp: 382856
Ion Ratio Lower Upper
117 100
82 49.0 41.2 61.8
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 19.147 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion:164 Resp: 59293
Ion Ratio Lower Upper
164 100
166 131.2 103.6 155.4
129 88.9 73.0 109.4
131 83.4 71.0 106.4

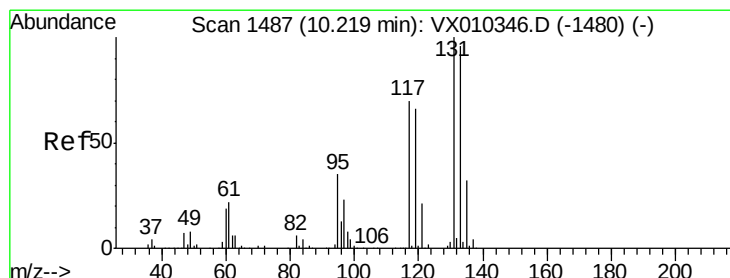
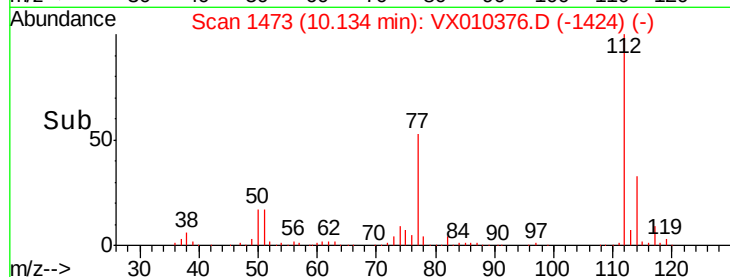
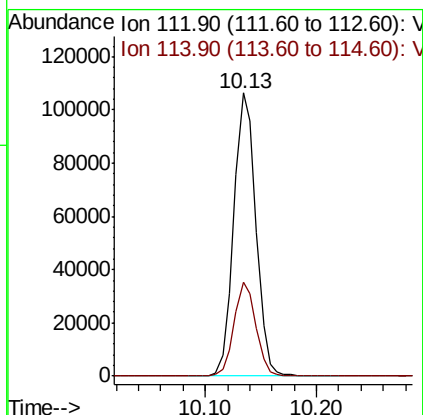
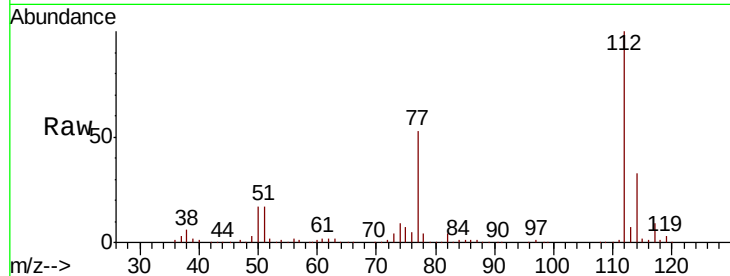




#65
Chlorobenzene
Concen: 18.827 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

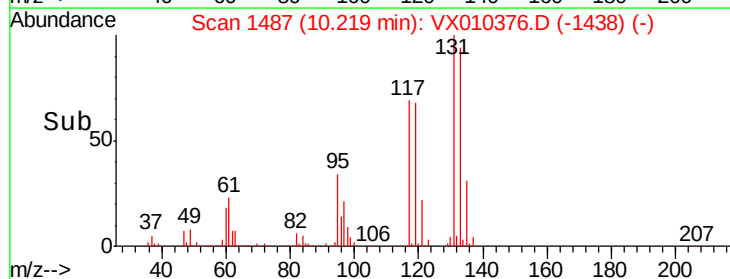
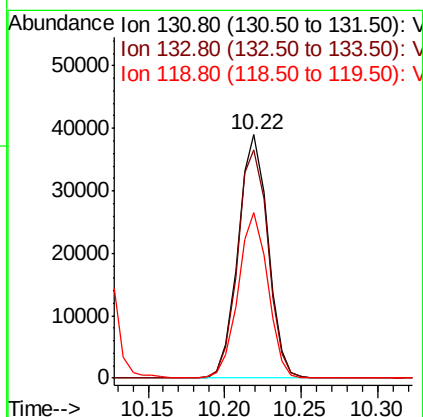
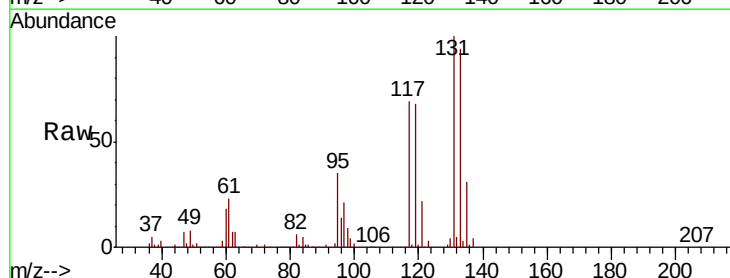
Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

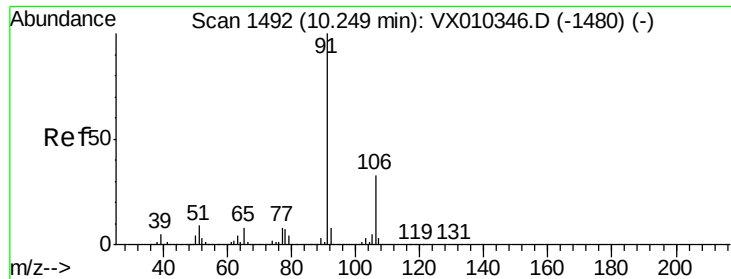
Tot Ion:112 Resp: 146339
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.740 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion:131 Resp: 53058
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 67.6 32.6 97.7





#67

Ethyl Benzene

Concen: 18.742 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

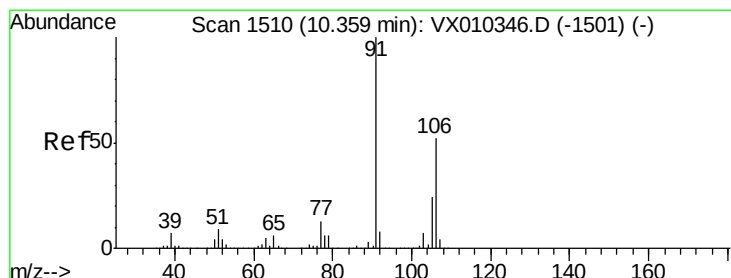
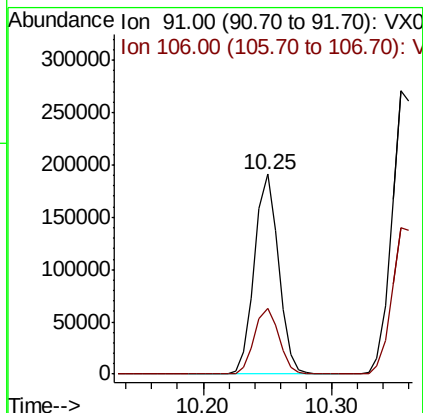
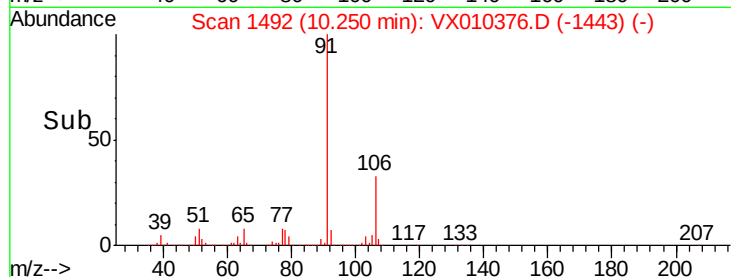
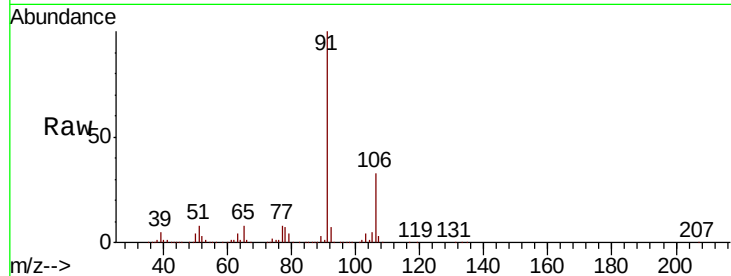
VX0621WBS01

Tot Ion: 91 Resp: 245935

Ion Ratio Lower Upper

91 100

106 33.1 26.2 39.2



#68

m/p-Xylenes

Concen: 38.185 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010376.D

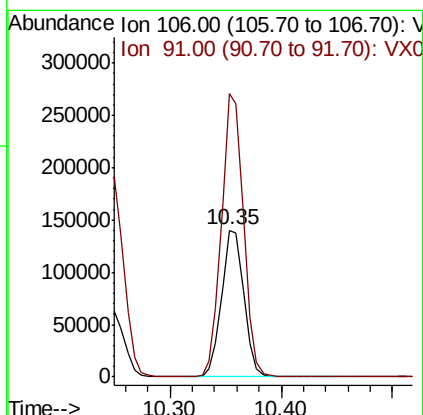
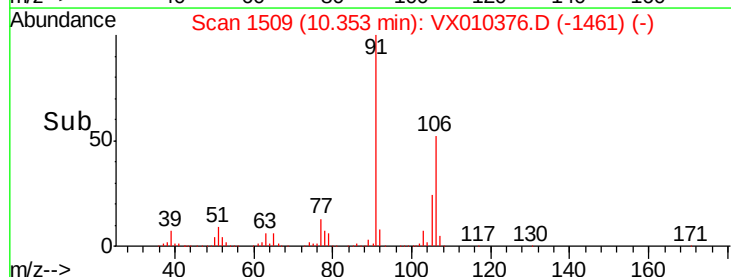
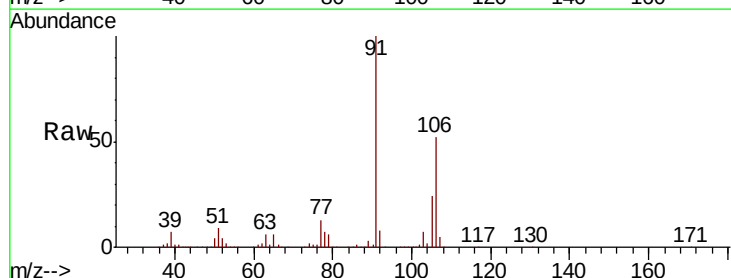
Acq: 21 Jun 2019 11:54

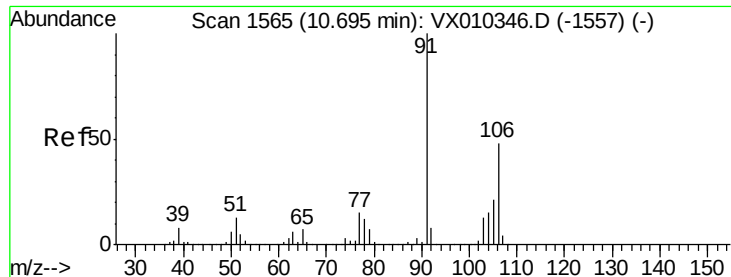
Tgt Ion: 106 Resp: 194149

Ion Ratio Lower Upper

106 100

91 191.1 155.3 232.9

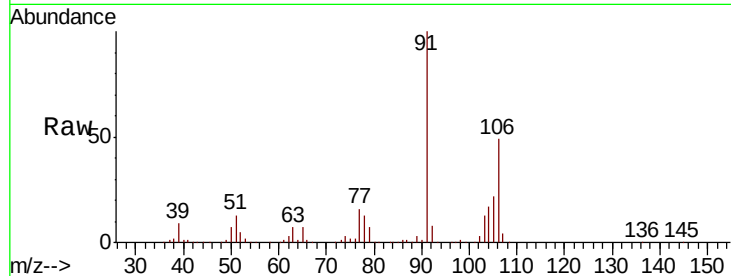




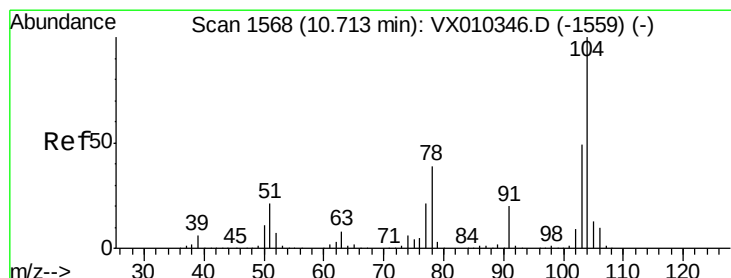
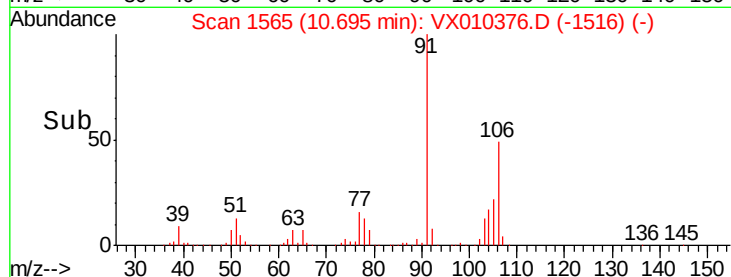
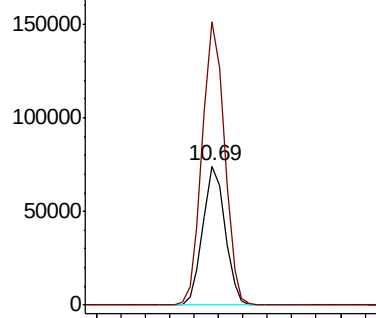
#69
o-Xylene
Concen: 18.688 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VX0621WBS01

Tot Ion:106 Resp: 93444
Ion Ratio Lower Upper
106 100
91 204.2 102.7 308.1

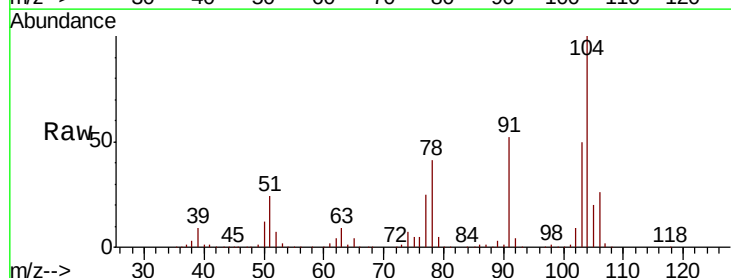


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

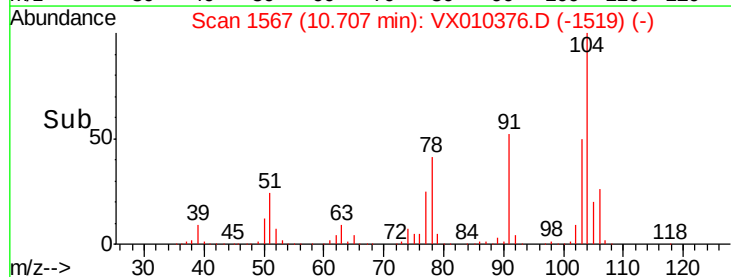
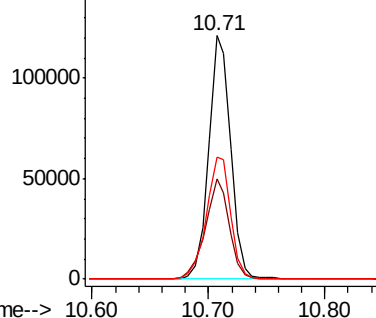


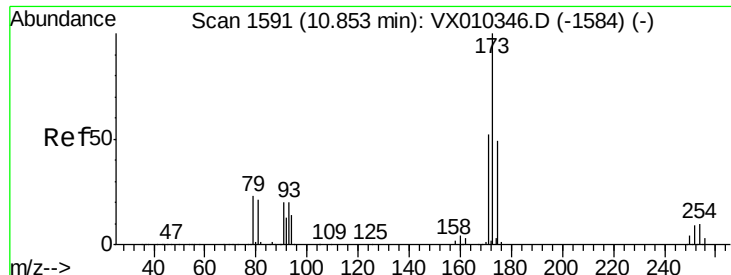
#70
Styrene
Concen: 18.952 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion:104 Resp: 158919
Ion Ratio Lower Upper
104 100
78 44.9 36.2 54.2
103 55.5 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.032 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

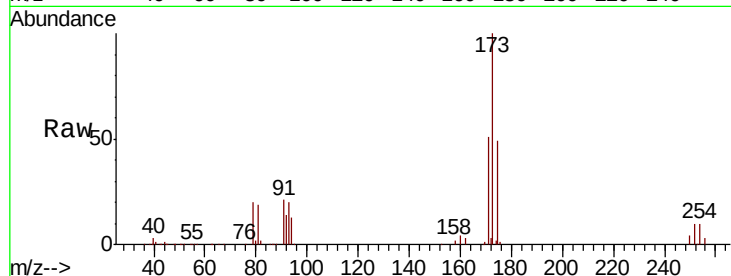
Tot Ion:173 Resp: 44396

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.3

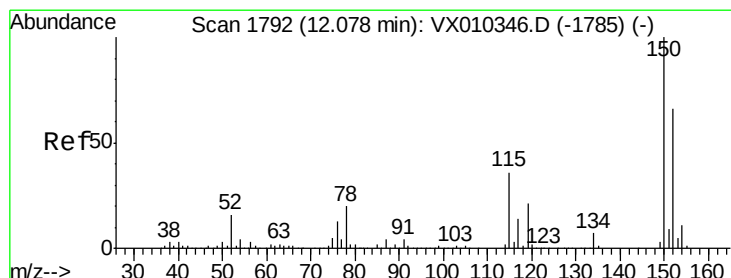
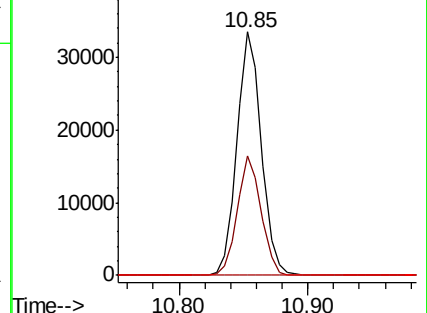
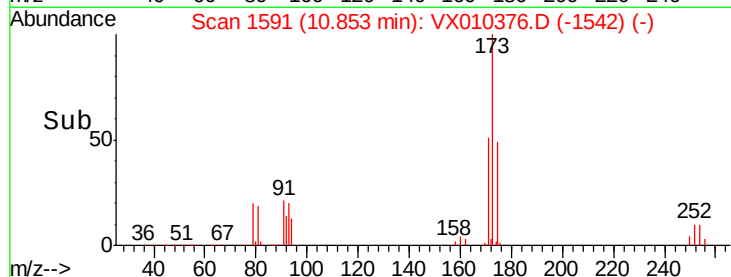
254 0.0 0.2 0.2#



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# 1791

Delta R.T. -0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

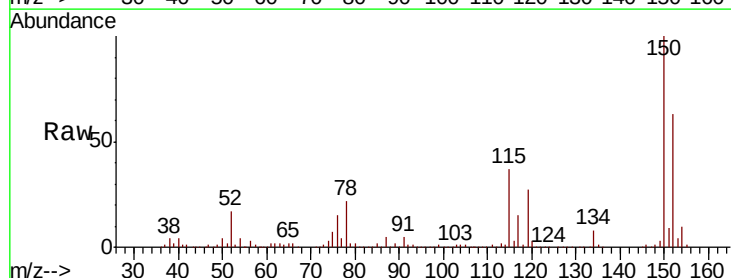
Tgt Ion:152 Resp: 197081

Ion Ratio Lower Upper

152 100

115 63.4 38.6 115.7

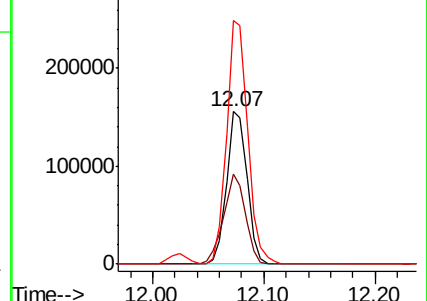
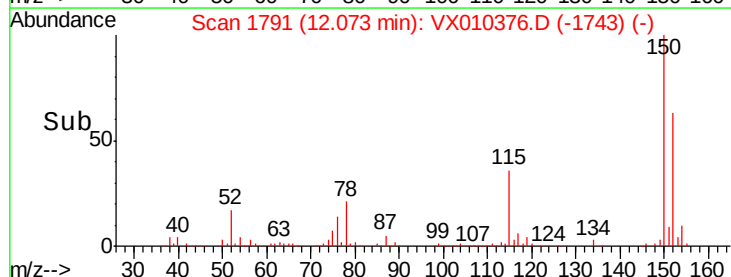
150 165.6 0.0 347.4

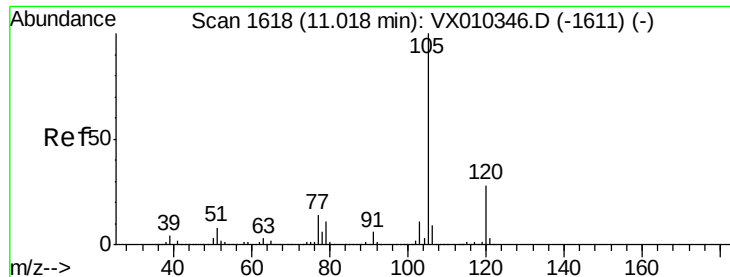


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.665 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

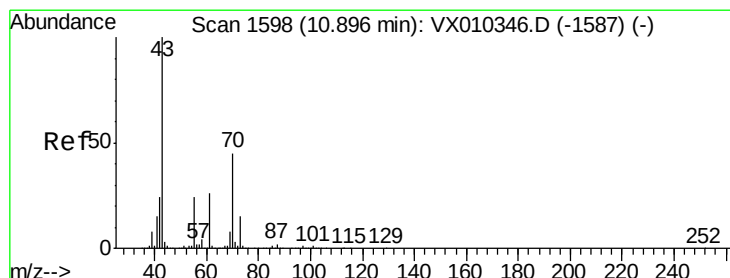
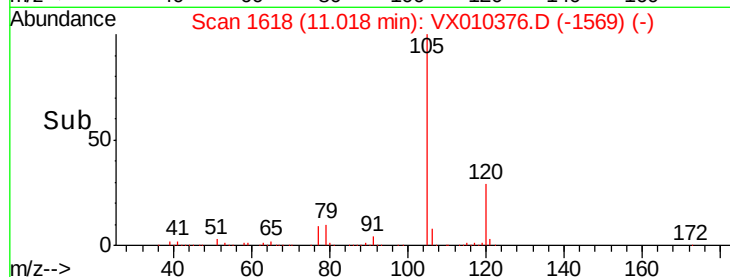
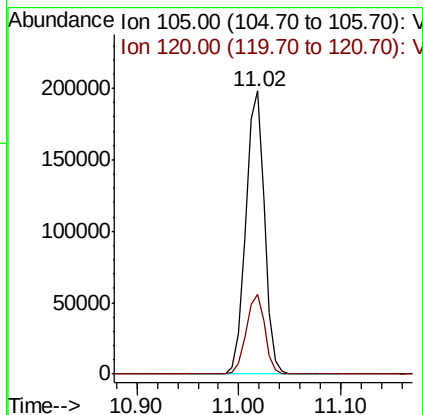
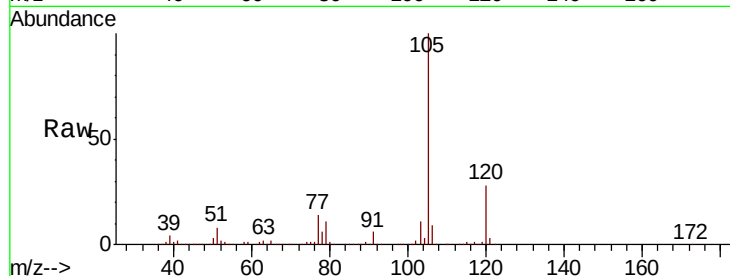
VX0621WBS01

Tot Ion:105 Resp: 249361

Ion Ratio Lower Upper

105 100

120 28.4 14.1 42.4



#74

N-ethyl acetate

Concen: 18.523 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Tgt Ion: 43 Resp: 93521

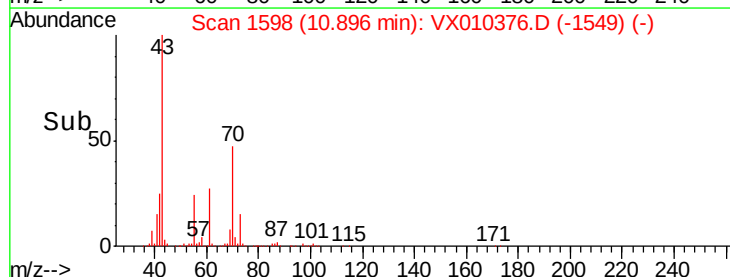
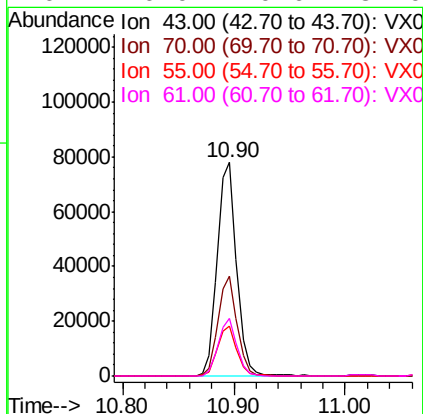
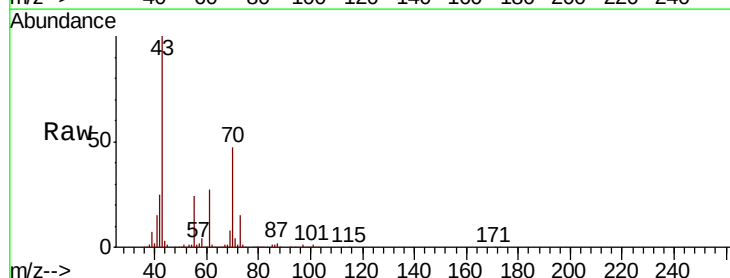
Ion Ratio Lower Upper

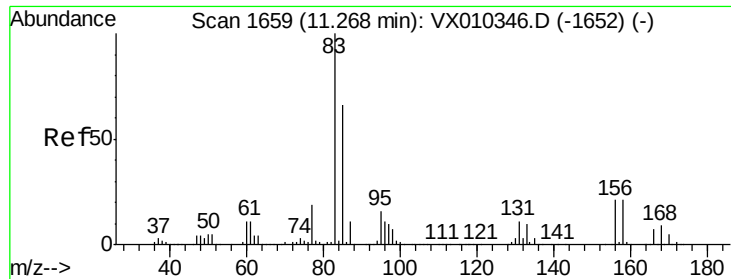
43 100

70 46.0 36.6 54.8

55 23.9 18.7 28.1

61 26.0 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.145 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

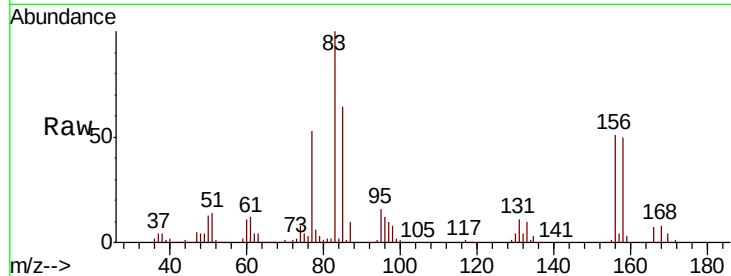
Tot Ion: 83 Resp: 80279

Ion Ratio Lower Upper

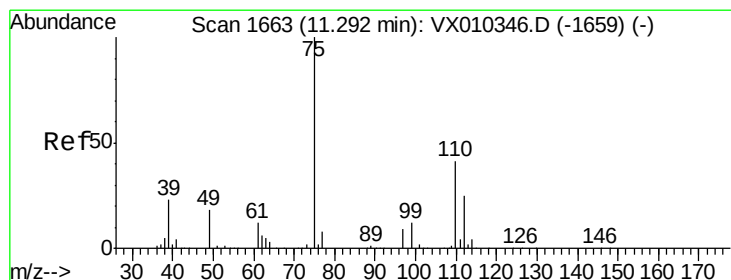
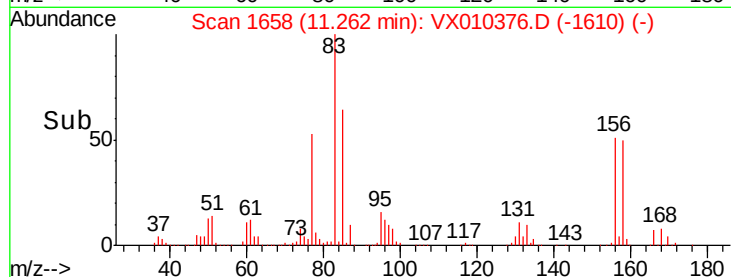
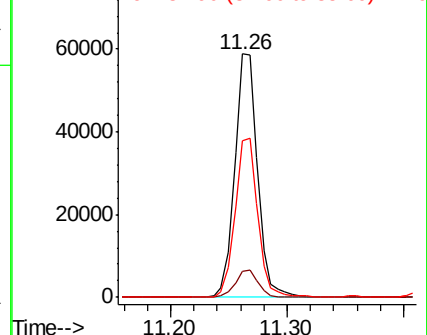
83 100

131 11.0 5.5 16.4

85 65.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.686 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010376.D

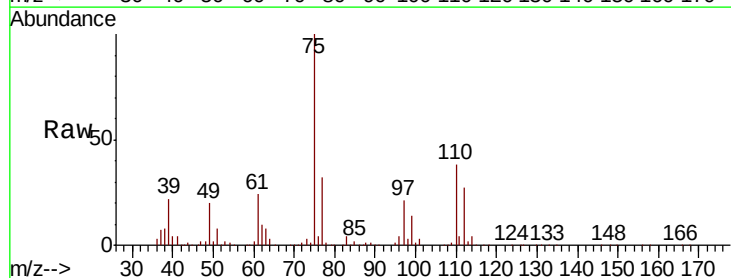
Acq: 21 Jun 2019 11:54

Tgt Ion: 75 Resp: 88655

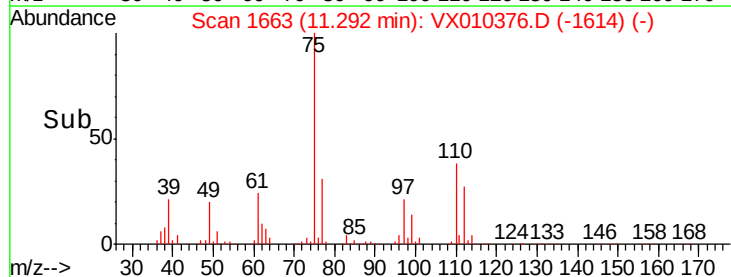
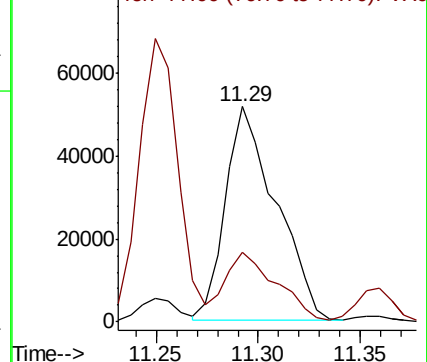
Ion Ratio Lower Upper

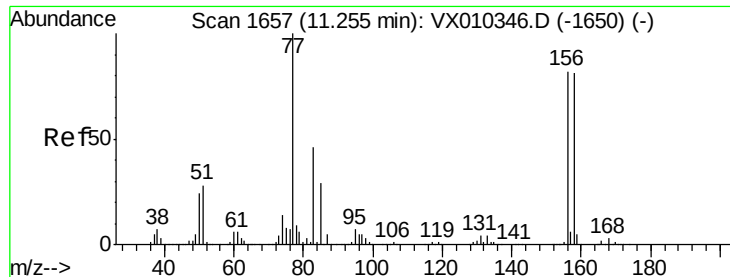
75 100

77 33.0 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.504 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

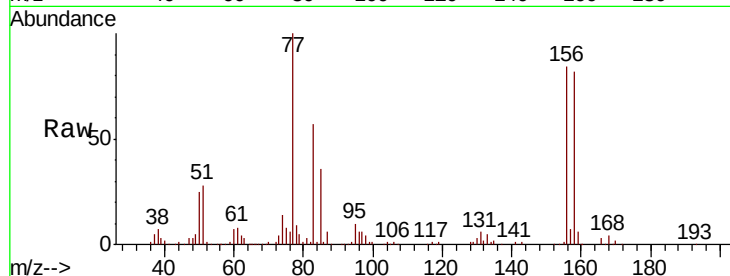
Tot Ion:156 Resp: 69027

Ion Ratio Lower Upper

156 100

77 130.8 66.3 198.7

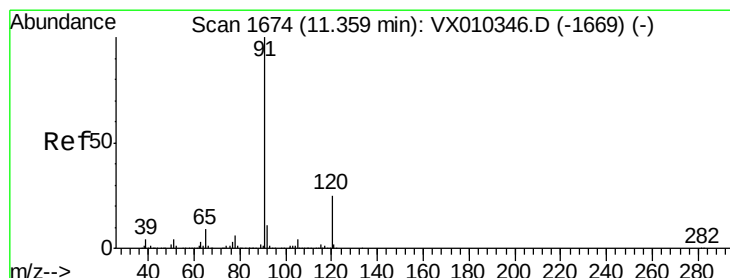
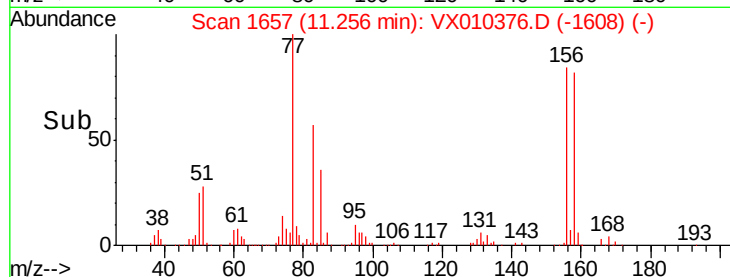
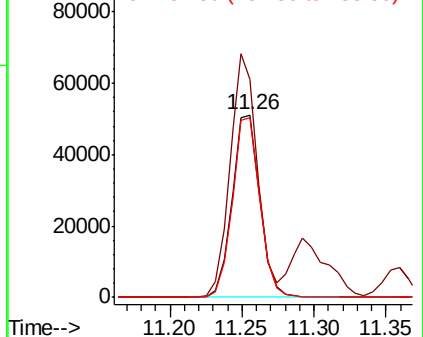
158 97.8 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.035 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010376.D

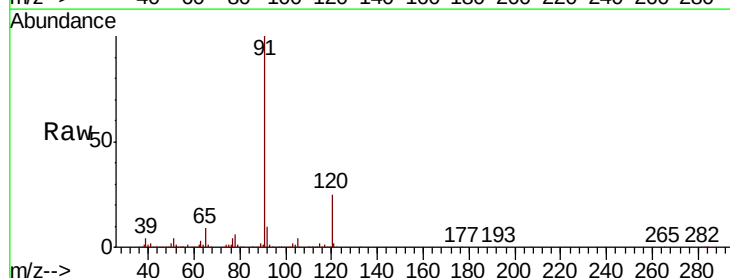
Acq: 21 Jun 2019 11:54

Tgt Ion: 91 Resp: 279494

Ion Ratio Lower Upper

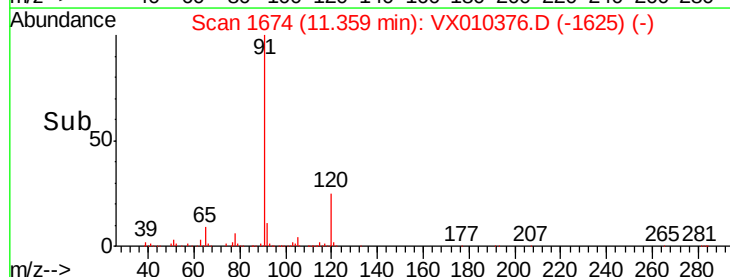
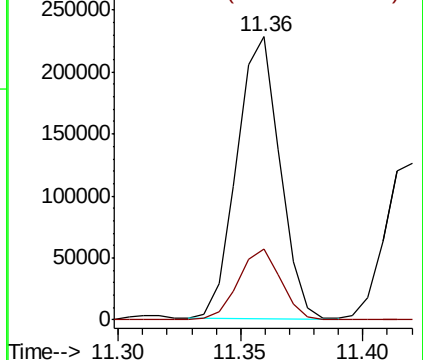
91 100

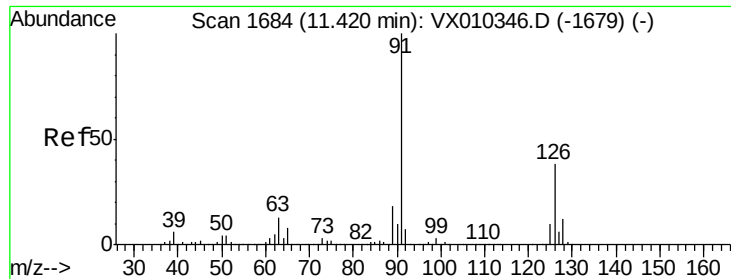
120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

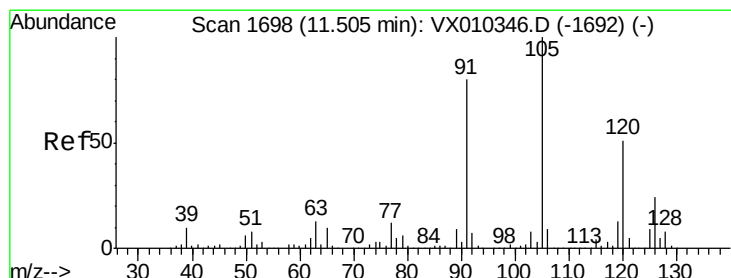
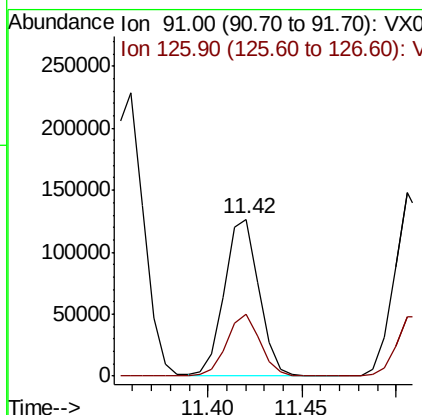
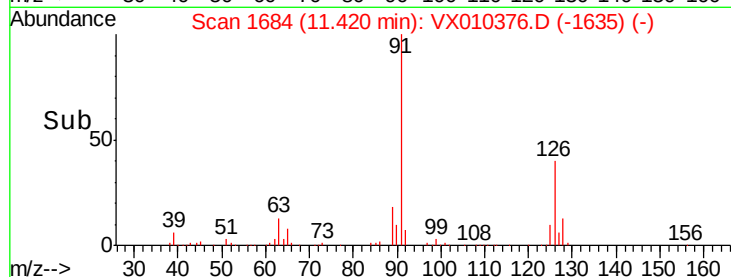
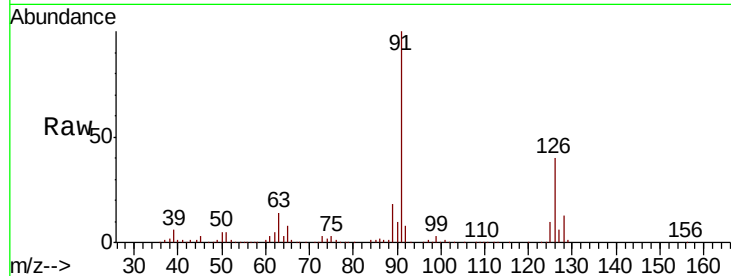




#79
2-Chlorotoluene
Concen: 18.369 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

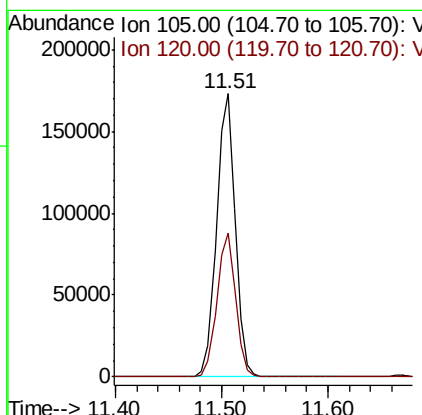
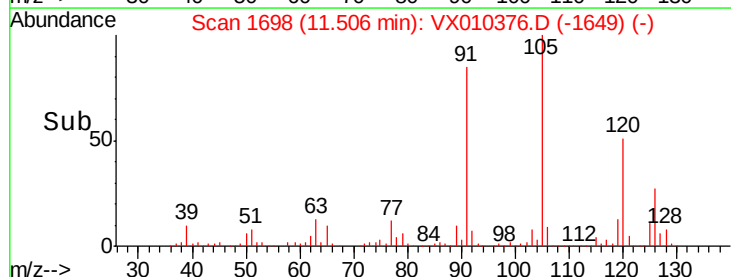
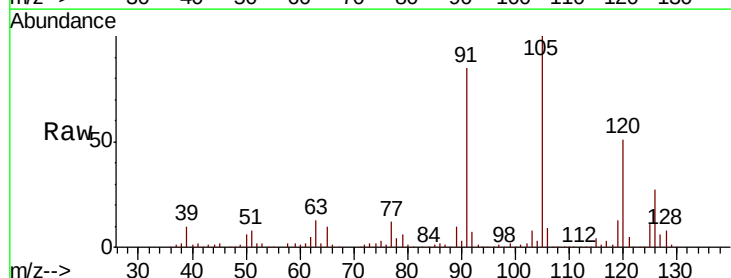
Instrument :
MSVOA_X
ClientSampled :
VX0621WBS01

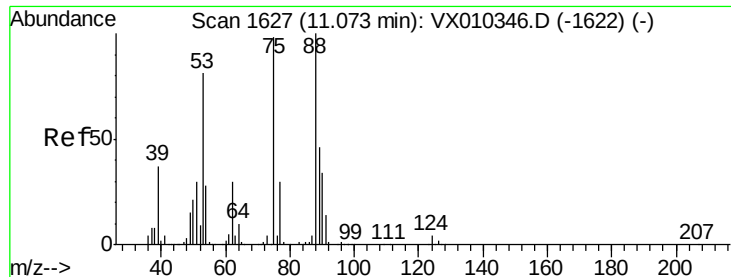
Tot Ion: 91 Resp: 160604
Ion Ratio Lower Upper
91 100
126 38.1 18.7 56.1



#80
1,3,5-Trimethylbenzene
Concen: 18.996 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010376.D
Acq: 21 Jun 2019 11:54

Tgt Ion:105 Resp: 209213
Ion Ratio Lower Upper
105 100
120 50.9 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.546 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

VX0621WBS01

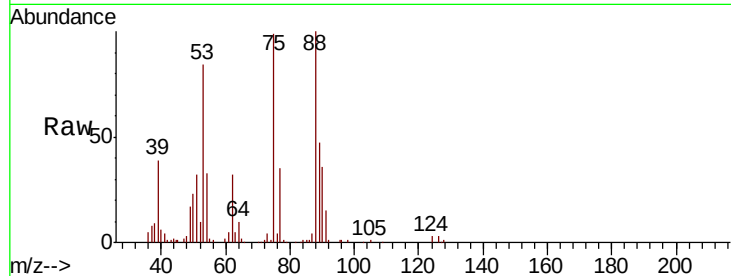
Tot Ion: 75 Resp: 25472

Ion Ratio Lower Upper

75 100

53 86.0 66.1 99.1

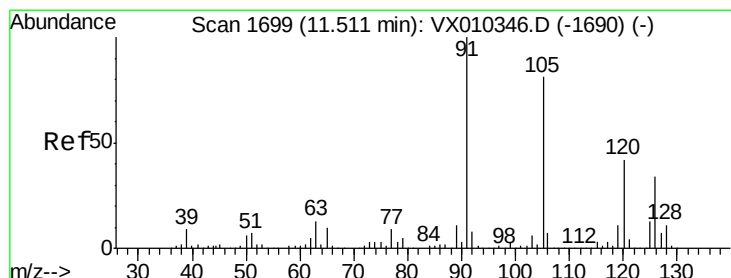
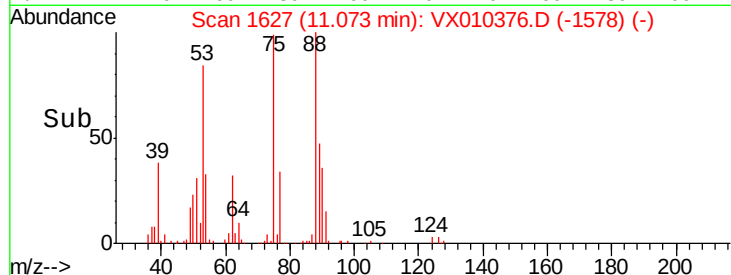
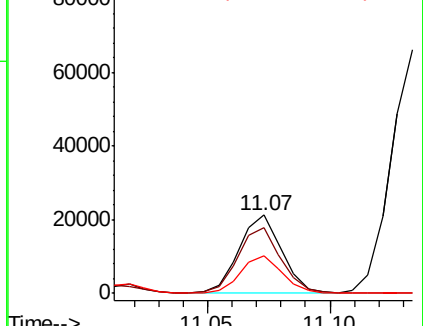
89 47.6 37.8 56.6



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: 18.537 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010376.D

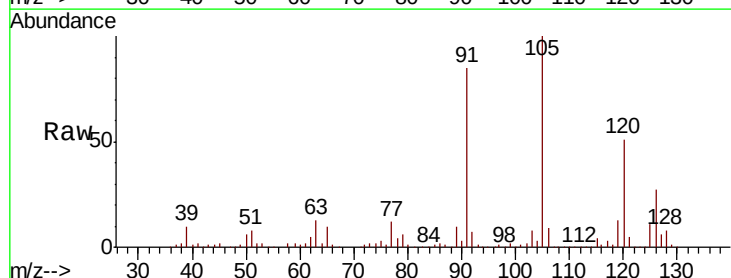
Acq: 21 Jun 2019 11:54

Tgt Ion: 91 Resp: 184423

Ion Ratio Lower Upper

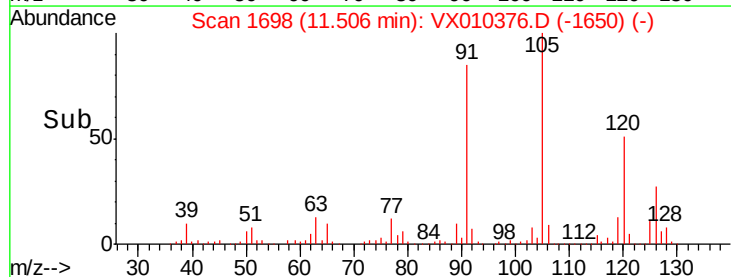
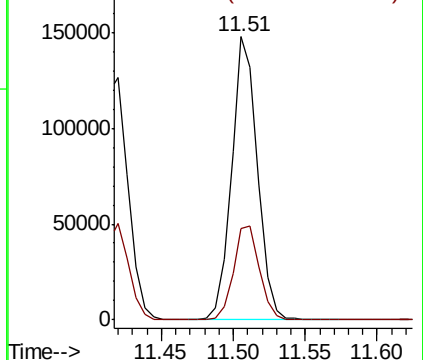
91 100

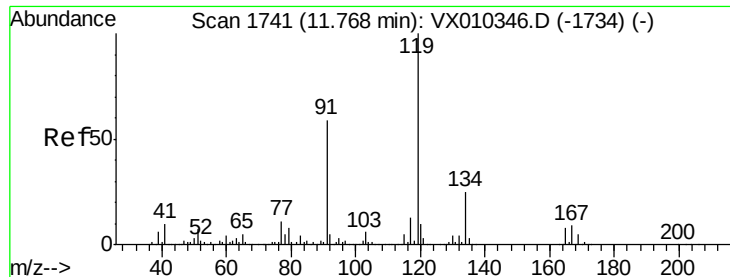
126 33.7 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.776 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

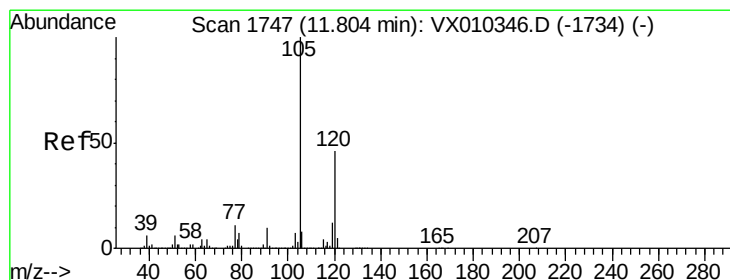
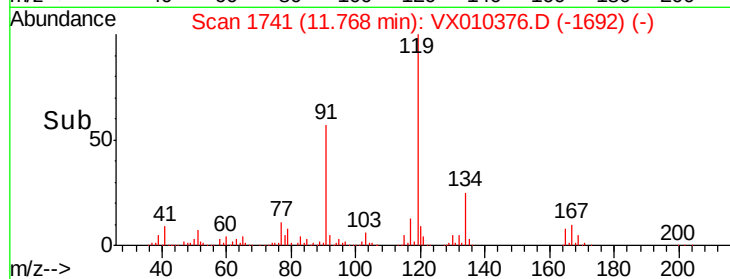
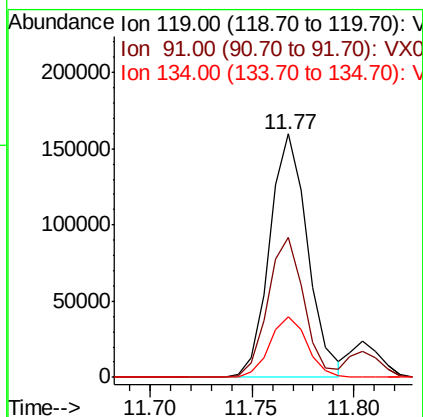
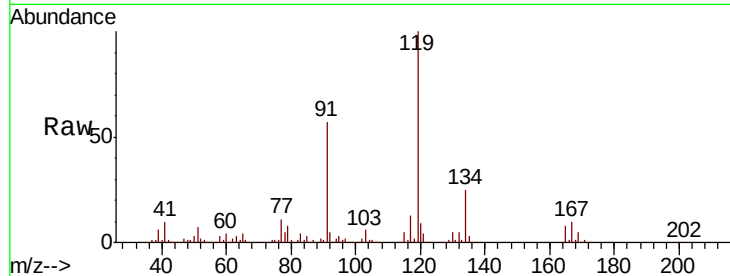
Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampled :
VX0621WBS01

Tot Ion:119 Resp: 207548

Ion	Ratio	Lower	Upper
119	100		
91	55.1	27.6	82.7
134	24.4	11.8	35.4



#84

1,2,4-Trimethylbenzene

Concen: 18.877 ug/l

RT: 11.80 min Scan# 1747

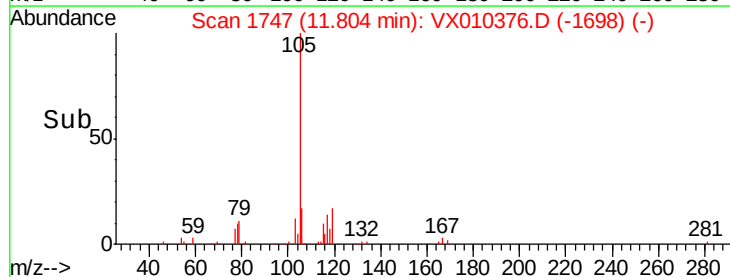
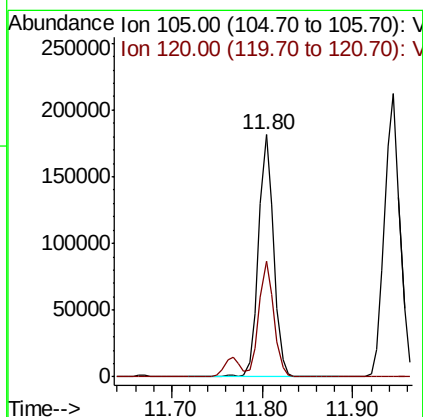
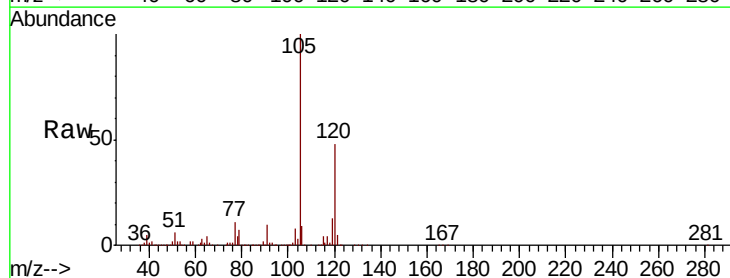
Delta R.T. 0.00 min

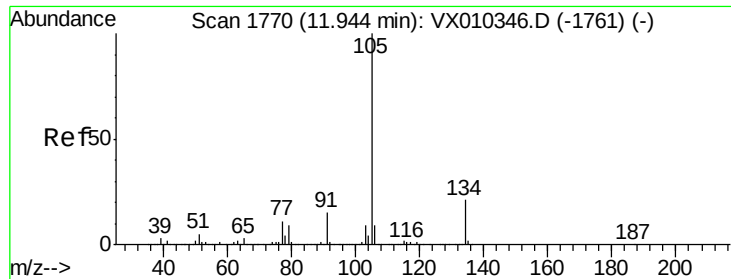
Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Tgt Ion:105 Resp: 208875

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.364 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

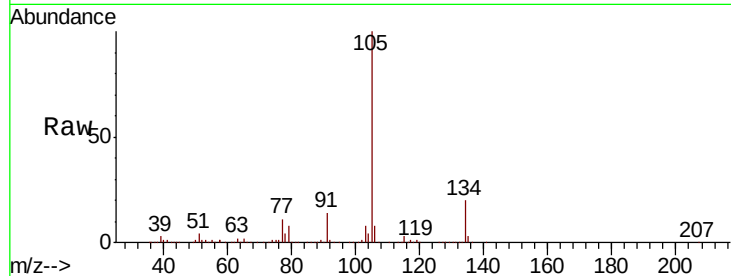
VX0621WBS01

Tot Ion:105 Resp: 251324

Ion Ratio Lower Upper

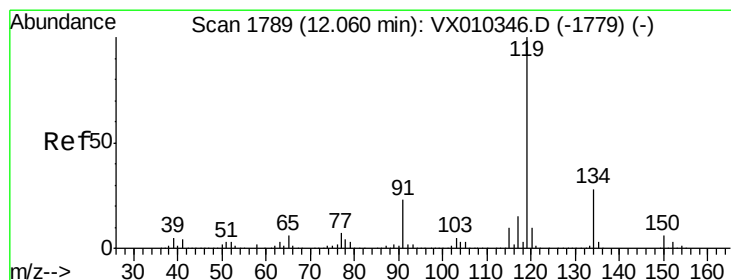
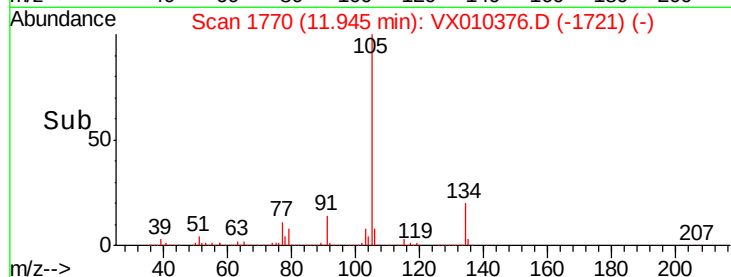
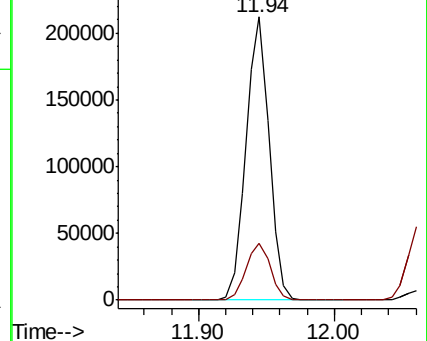
105 100

134 21.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.195 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

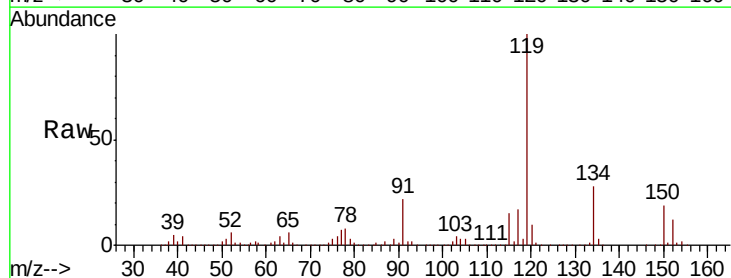
Tgt Ion:119 Resp: 230440

Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.1

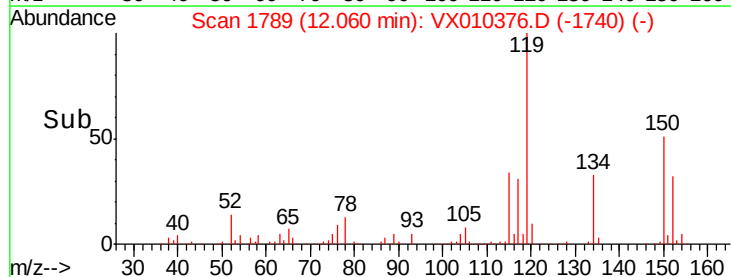
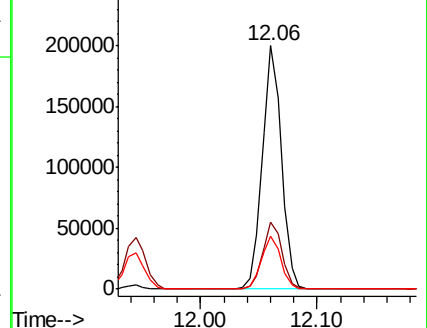
91 22.2 11.3 33.8

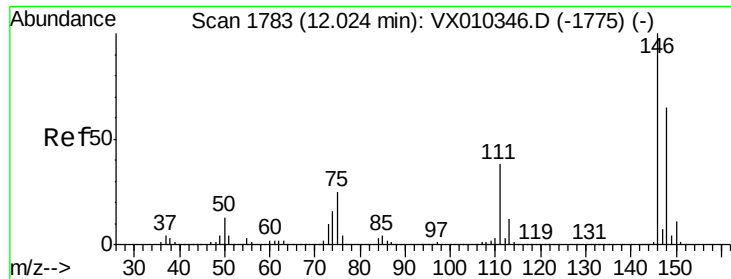


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

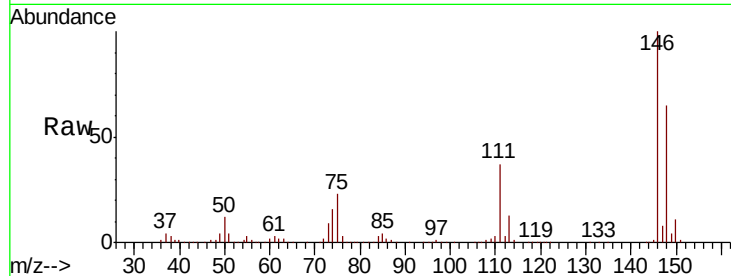




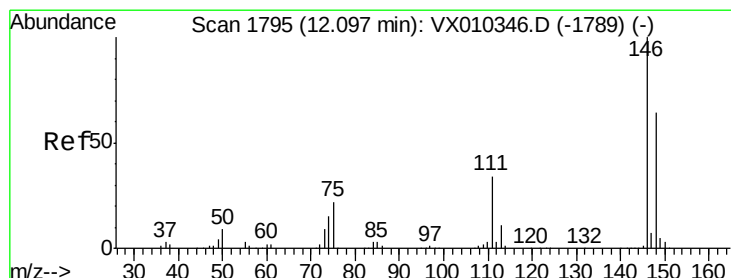
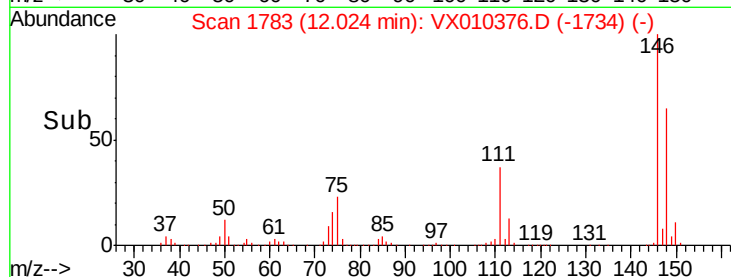
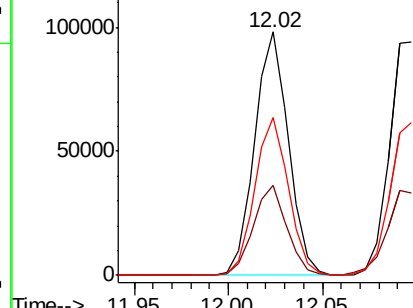
#87
 1,3-Dichlorobenzene
 Concen: 18.685 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX0621WBS01

Tot Ion:146 Resp: 121670
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.1 57.1
 148 64.9 32.5 97.4

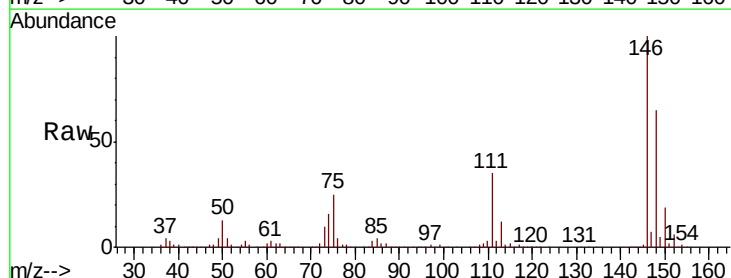


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

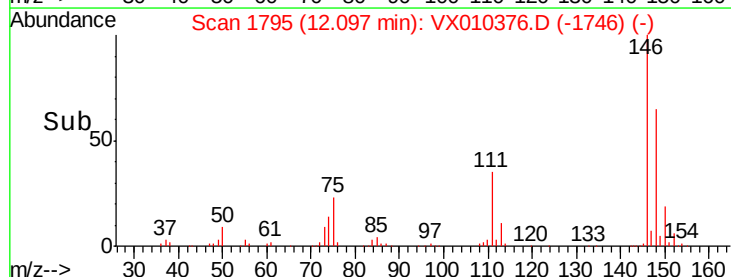
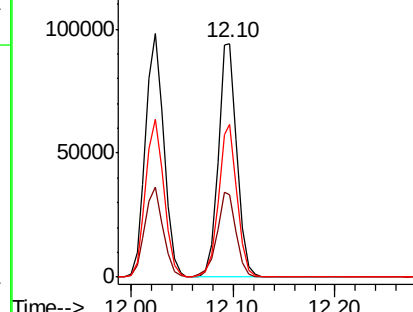


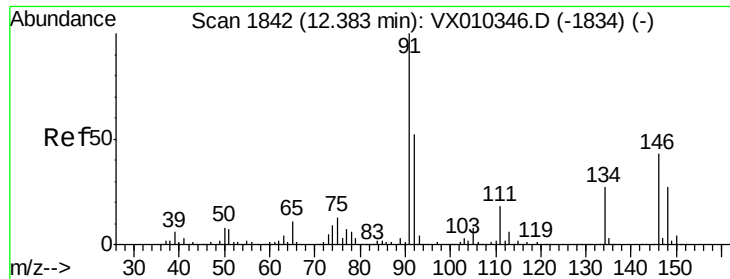
#88
 1,4-Dichlorobenzene
 Concen: 18.314 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Tgt Ion:146 Resp: 121410
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.1 54.3
 148 64.6 32.1 96.3



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: 19.374 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampled :

VX0621WBS01

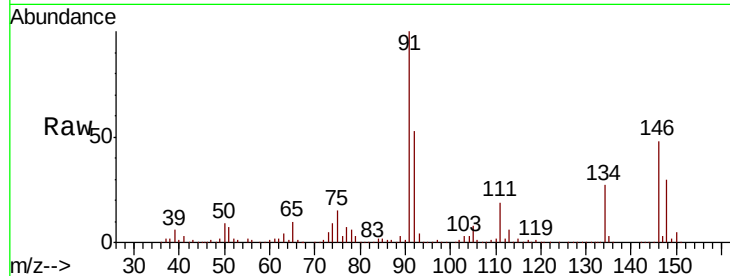
Tot Ion: 91 Resp: 197641

Ion Ratio Lower Upper

91 100

92 52.7 26.2 78.5

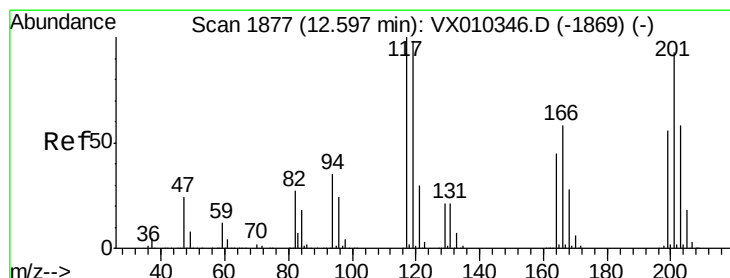
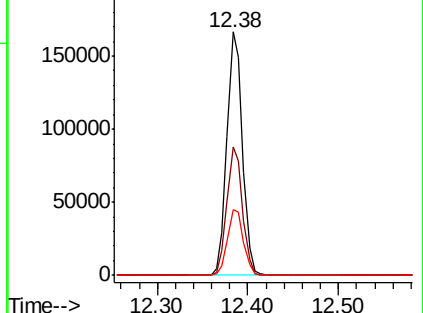
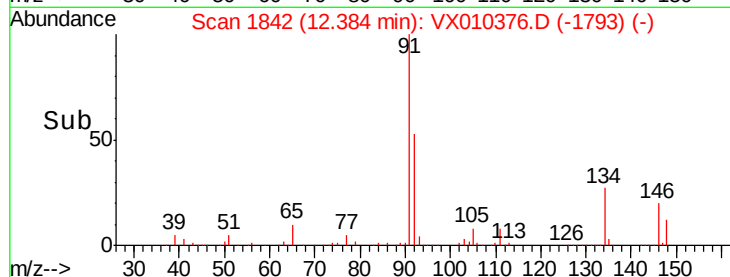
134 27.6 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.612 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX010376.D

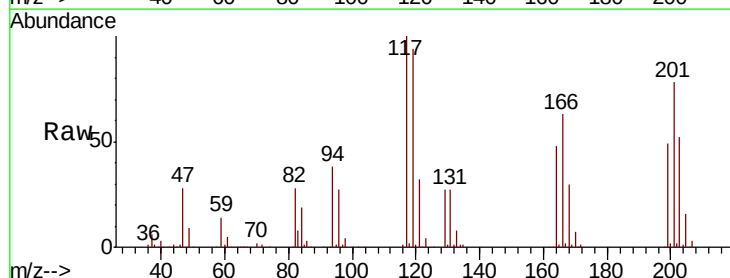
Acq: 21 Jun 2019 11:54

Tgt Ion: 117 Resp: 38635

Ion Ratio Lower Upper

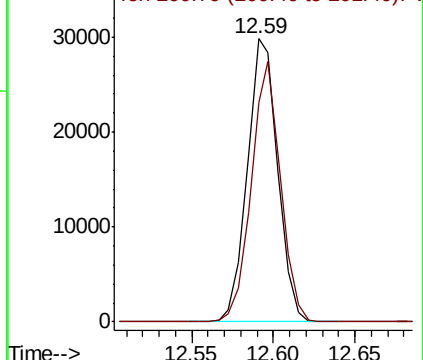
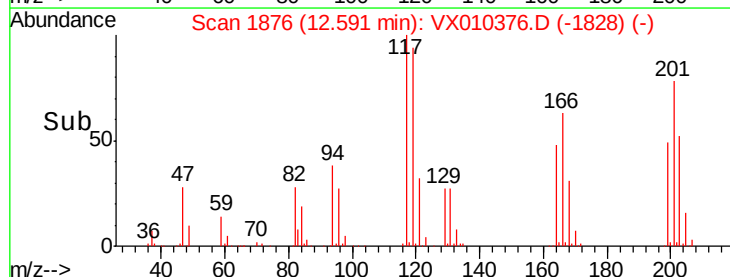
117 100

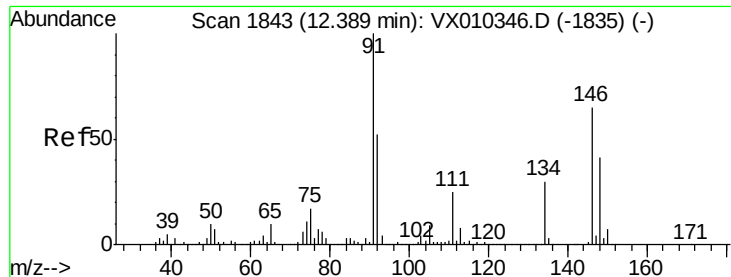
201 88.3 44.0 131.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

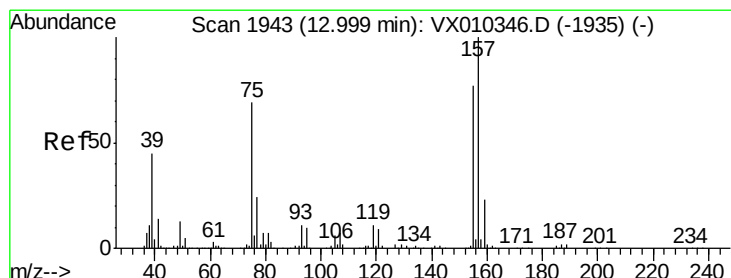
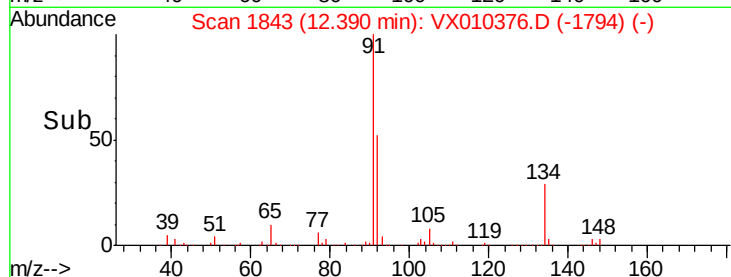
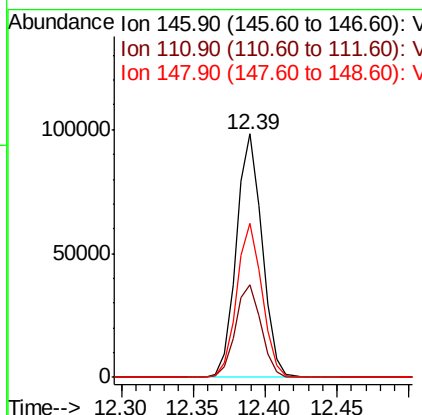
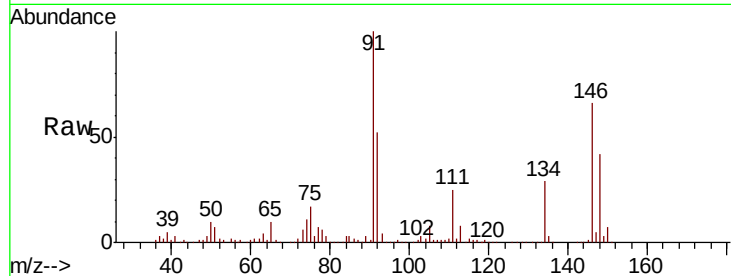




#91
 1,2-Dichlorobenzene
 Concen: 18.928 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

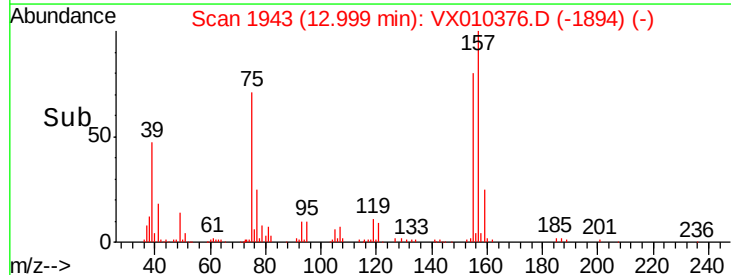
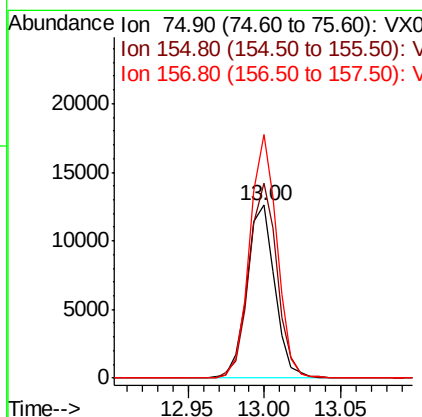
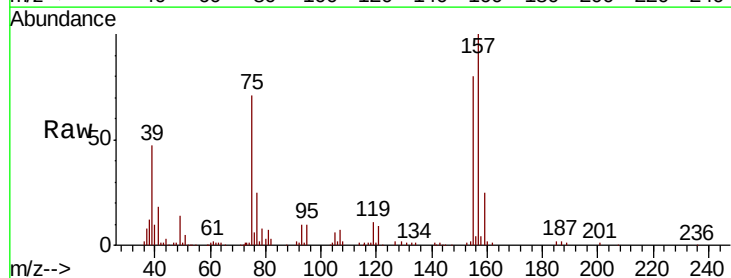
Instrument :
 MSVOA_X
 ClientSampled :
 VX0621WBS01

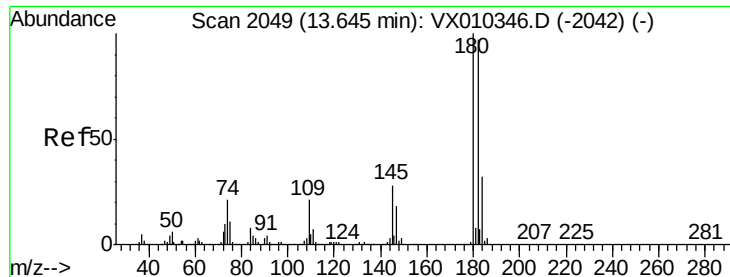
Tot Ion:146 Resp: 122495
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.2 57.6
 148 62.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.779 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Tgt Ion: 75 Resp: 16006
 Ion Ratio Lower Upper
 75 100
 155 113.2 54.4 163.1
 157 137.0 69.5 208.3

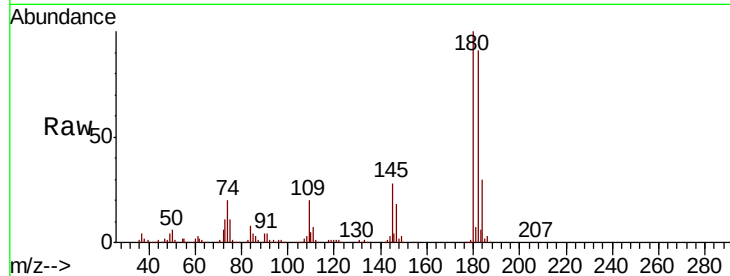




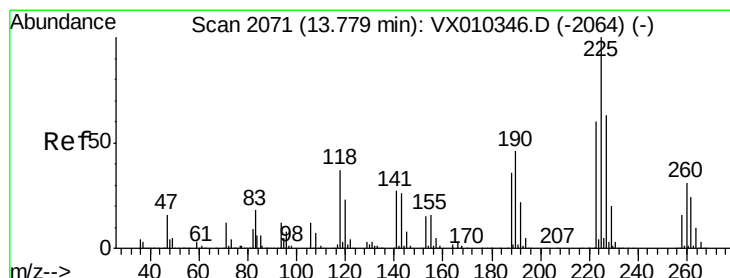
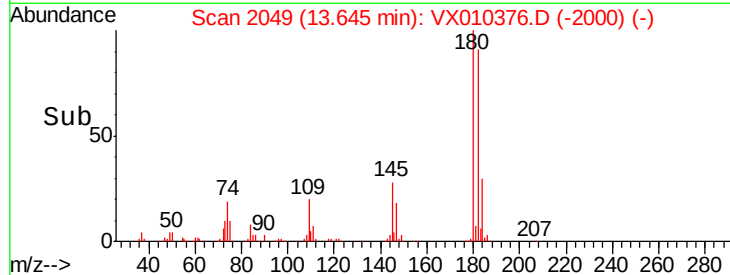
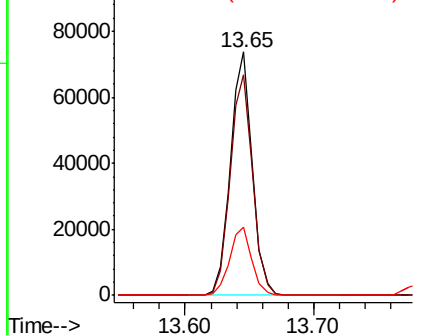
#93
 1,2,4-Trichlorobenzene
 Concen: 19.500 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Tot Ion:180 Resp: 87517
 Ion Ratio Lower Upper
 180 100
 182 93.4 48.0 144.0
 145 28.4 14.4 43.4

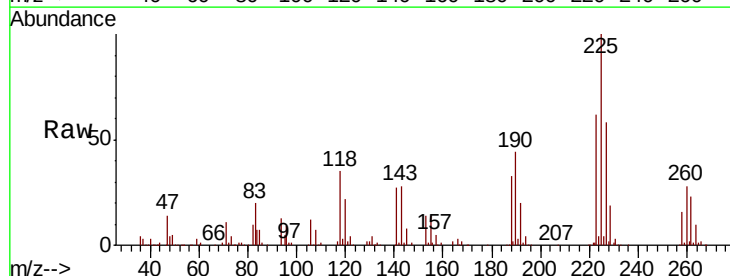


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

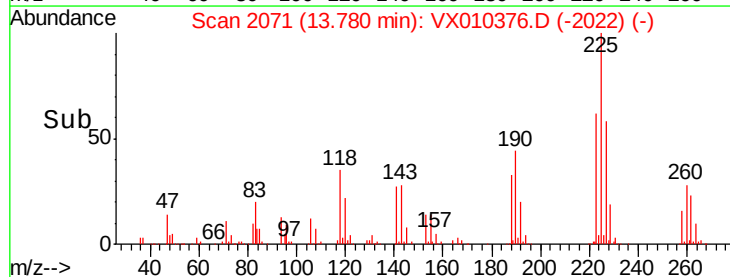
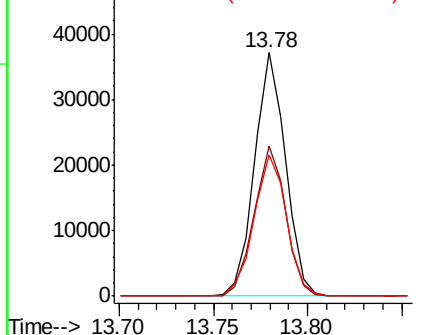


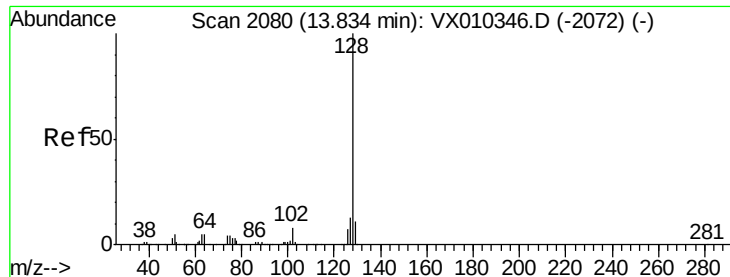
#94
 Hexachlorobutadiene
 Concen: 19.315 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010376.D
 Acq: 21 Jun 2019 11:54

Tgt Ion:225 Resp: 42367
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.9 92.7
 227 60.8 31.9 95.5



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: 18.853 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBS01

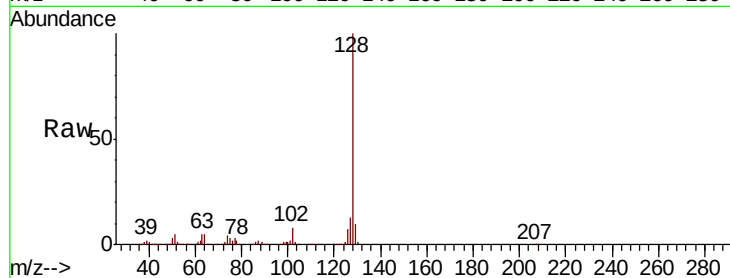
Tot Ion:128 Resp: 260018

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.9 8.9 13.3

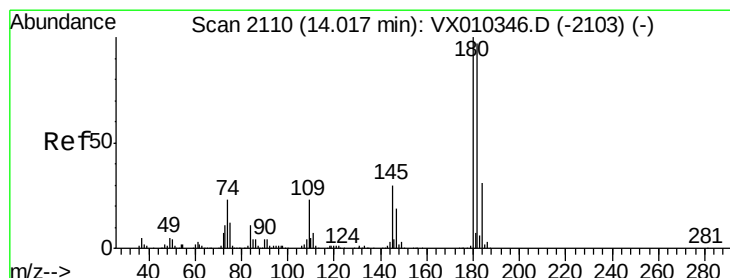
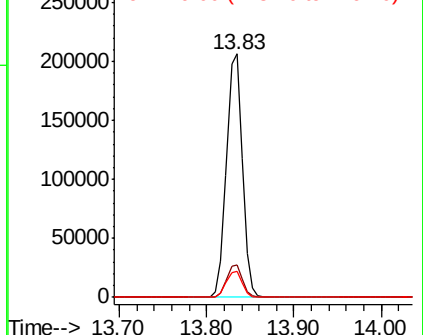
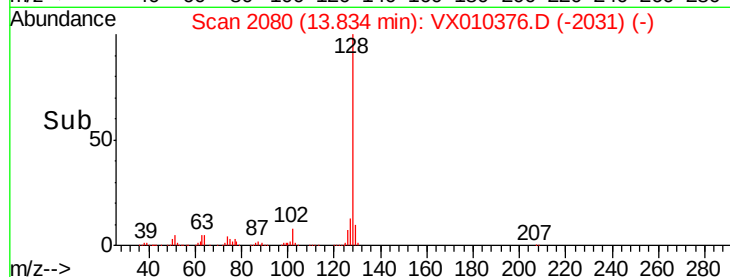


Abundance

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: 19.523 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010376.D

Acq: 21 Jun 2019 11:54

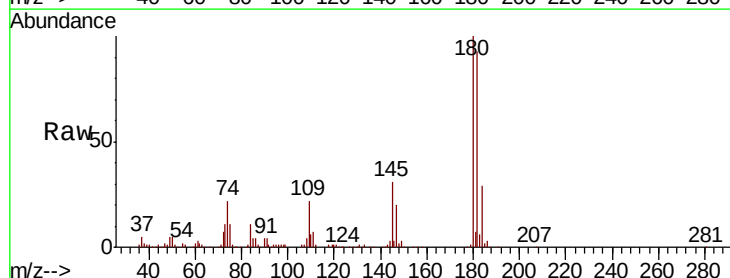
Tgt Ion:180 Resp: 87116

Ion Ratio Lower Upper

180 100

182 93.5 47.8 143.3

145 30.7 15.2 45.6



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

