

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060719\
 Data File : VX010104.D
 Acq On : 07 Jun 2019 12:41
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 07 13:05:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 13:02:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	489425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	446367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223347	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	152890	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	148020	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.71	98	562893	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.13	95	210675	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	160689	50.000	ug/l	97
3) Chloromethane	1.32	50	147085	50.000	ug/l	99
4) Vinyl Chloride	1.41	62	138235	50.000	ug/l	100
5) Bromomethane	1.64	94	51579	50.000	ug/l	97
6) Chloroethane	1.71	64	77184	50.000	ug/l	100
7) Trichlorofluoromethane	1.92	101	202209	50.000	ug/l	98
8) Diethyl Ether	2.19	74	67121	50.000	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.38	101	136283	50.000	ug/l	91
10) Methyl Iodide	2.51	142	224814	50.000	ug/l	96
11) Tert butyl alcohol	3.05	59	191192	250.000	ug/l	99
12) 1,1-Dichloroethene	2.37	96	140524	50.000	ug/l #	79
13) Acrolein	2.29	56	38439	250.000	ug/l	99
14) Allyl chloride	2.73	41	210770	50.000	ug/l #	87
15) Acrylonitrile	3.14	53	387718	250.000	ug/l	99
16) Acetone	2.45	43	357178	250.000	ug/l #	89
17) Carbon Disulfide	2.57	76	395622	50.000	ug/l	99
18) Methyl Acetate	2.78	43	153611	50.000	ug/l #	83
19) Methyl tert-butyl Ether	3.20	73	449614	50.000	ug/l	93
20) Methylene Chloride	2.85	84	154659	50.000	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	151883	50.000	ug/l #	79
22) Diisopropyl ether	3.85	45	413519	50.000	ug/l #	89
23) Vinyl Acetate	3.81	43	1863379	250.000	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	243265	50.000	ug/l	96
25) 2-Butanone	4.67	43	546610	250.000	ug/l #	82
26) 2,2-Dichloropropane	4.58	77	223929	50.000	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	173271	50.000	ug/l	80
28) Bromochloromethane	5.01	49	109911	50.000	ug/l #	48
29) Tetrahydrofuran	5.13	42	337741	250.000	ug/l #	74
30) Chloroform	5.21	83	257584	50.000	ug/l	97
31) Cyclohexane	5.58	56	227046	50.000	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	234778	50.000	ug/l	94
36) 1,1-Dichloropropene	5.80	75	191159	50.000	ug/l	92
37) Ethyl Acetate	4.84	43	201236	50.000	ug/l #	91
38) Carbon Tetrachloride	5.78	117	216553	50.000	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	258758	50.000	ug/l #	85
40) Benzene	6.14	78	601492	50.000	ug/l	98
41) Methacrylonitrile	5.04	41	109919	50.000	ug/l #	85
42) 1,2-Dichloroethane	6.20	62	191176	50.000	ug/l	95
43) Isopropyl Acetate	6.45	43	335272	50.000	ug/l #	89
44) Trichloroethene	7.21	130	177476	50.000	ug/l	89
45) 1,2-Dichloropropane	7.51	63	150359	50.000	ug/l	99
46) Dibromomethane	7.66	93	108272	50.000	ug/l	92
47) Bromodichloromethane	7.90	83	211150	50.000	ug/l	100
48) Methyl methacrylate	7.77	41	162485	50.000	ug/l #	79
49) 1,4-Dioxane	7.74	88	89368	1000.000	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	1047102	250.000	ug/l	89
52) Toluene	8.78	92	389904	50.000	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	245237	50.000	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	260095	50.000	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	163204	50.000	ug/l	96
56) Ethyl methacrylate	9.18	69	261454	50.000	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	253370	50.000	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	623933	250.000	ug/l #	86
59) 2-Hexanone	9.49	43	828571	250.000	ug/l	88
60) Dibromochloromethane	9.58	129	193004	50.000	ug/l	100
61) 1,2-Dibromoethane	9.67	107	179025	50.000	ug/l	100
64) Tetrachloroethene	9.34	164	155284	50.000	ug/l	97
65) Chlorobenzene	10.13	112	444694	50.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	171360	50.000	ug/l	100
67) Ethyl Benzene	10.25	91	758030	50.000	ug/l	94
68) m/p-Xylenes	10.36	106	586760	100.000	ug/l	91
69) o-Xylene	10.69	106	288506	50.000	ug/l	91
70) Styrene	10.71	104	501406	50.000	ug/l	95
71) Bromoform	10.85	173	158985	50.000	ug/l #	98
73) Isopropylbenzene	11.02	105	755560	50.000	ug/l	95
74) N-amyl acetate	10.90	43	301468	50.000	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	255781	50.000	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	302198	70.738	ug/l	82
77) Bromobenzene	11.26	156	206666	50.000	ug/l	84
78) n-propylbenzene	11.36	91	848658	50.000	ug/l	95
79) 2-Chlorotoluene	11.42	91	504732	50.000	ug/l	92
80) 1,3,5-Trimethylbenzene	11.51	105	632148	50.000	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	99585	50.000	ug/l #	83
82) 4-Chlorotoluene	11.51	91	583630	50.000	ug/l	93
83) tert-Butylbenzene	11.77	119	639394	50.000	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	640712	50.000	ug/l	95
85) sec-Butylbenzene	11.94	105	747866	50.000	ug/l	96
86) p-Isopropyltoluene	12.06	119	688151	50.000	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	365183	50.000	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	359681	50.000	ug/l	98
89) n-Butylbenzene	12.38	91	596253	50.000	ug/l	97
90) Hexachloroethane	12.59	117	135877	50.000	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	353563	50.000	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58714	50.000	ug/l	68

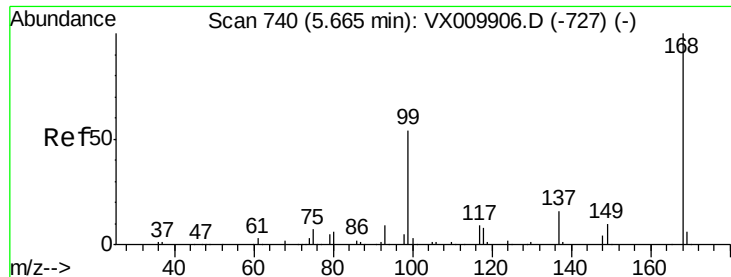
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	252308	50.000	ug/l	100
94) Hexachlorobutadiene	13.78	225	112222	50.000	ug/l	99
95) Naphthalene	13.83	128	813826	50.000	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	250064	50.000	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

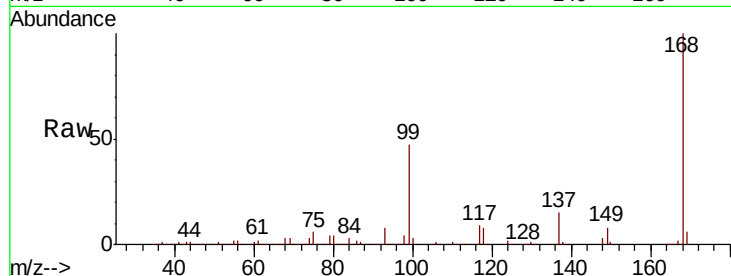
VSTDICCC050

Tgt Ion:168 Resp: 323669

Ion Ratio Lower Upper

168 100

99 46.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

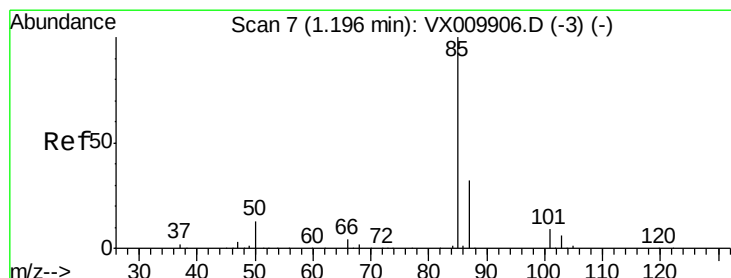
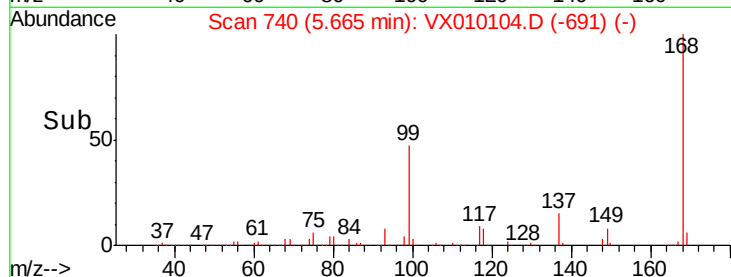
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.000 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010104.D

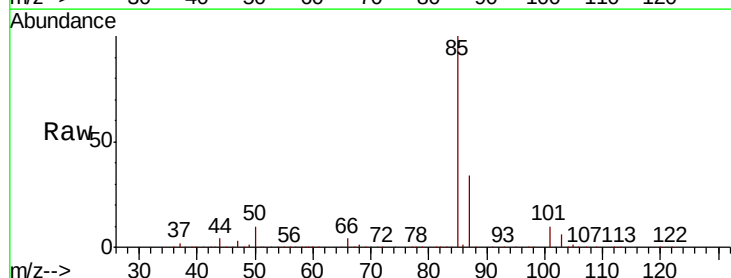
Acq: 07 Jun 2019 12:41

Tgt Ion: 85 Resp: 160689

Ion Ratio Lower Upper

85 100

87 33.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

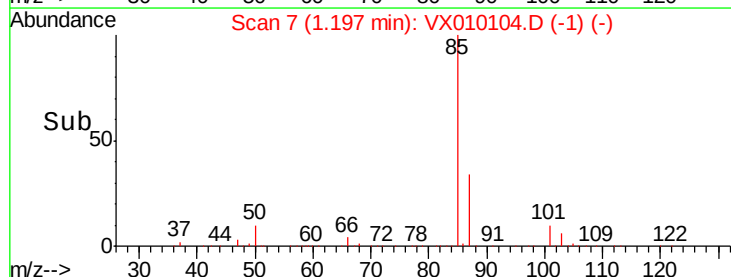
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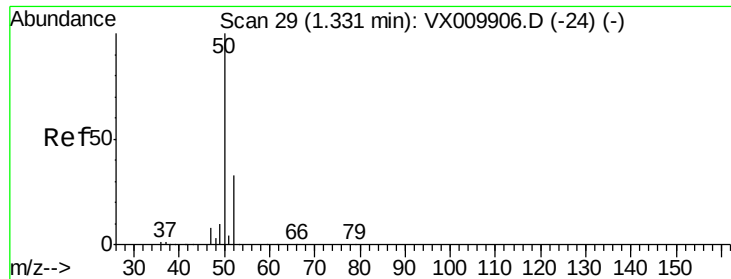
100000

50000

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Time-->





#3

Chloromethane

Concen: 50.000 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

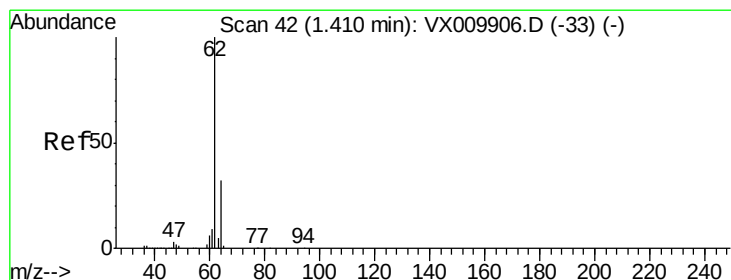
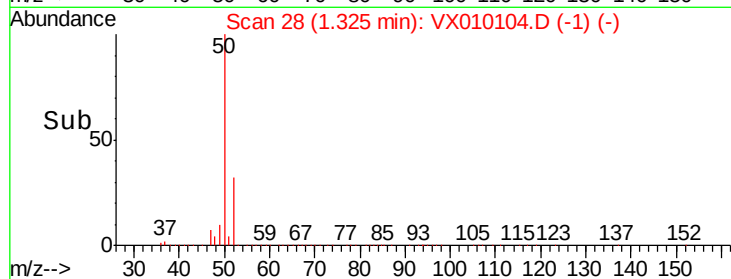
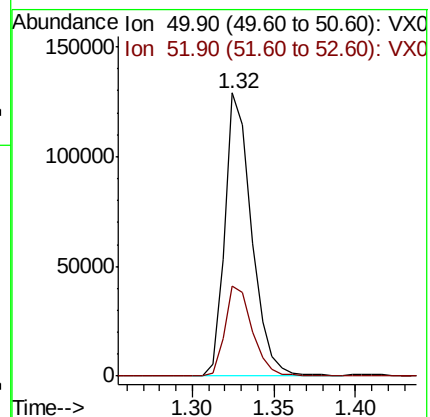
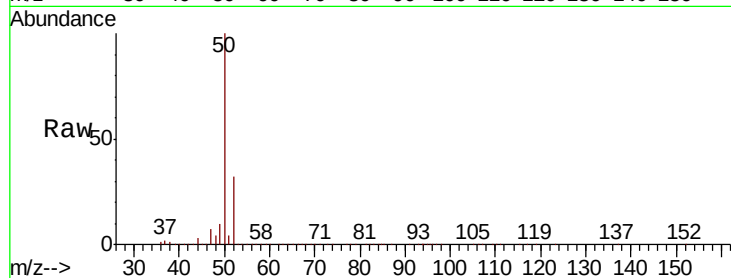
VSTDICCC050

Tgt Ion: 50 Resp: 147085

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



#4

Vinyl Chloride

Concen: 50.000 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010104.D

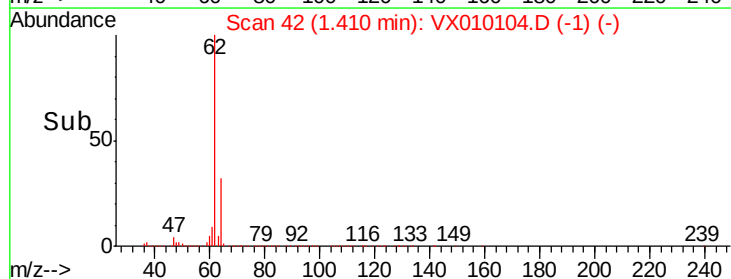
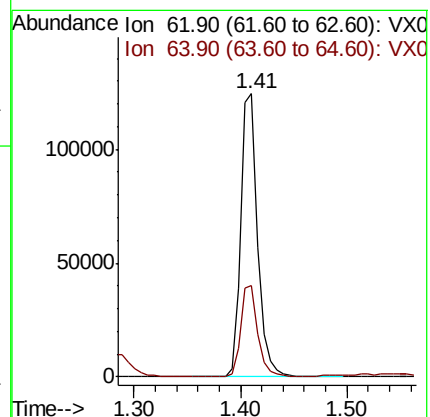
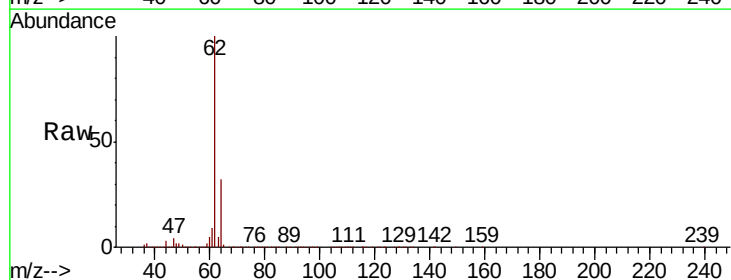
Acq: 07 Jun 2019 12:41

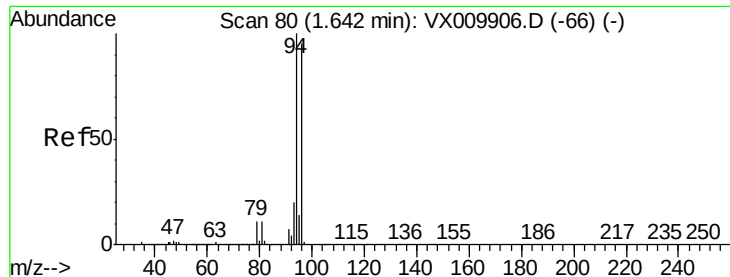
Tgt Ion: 62 Resp: 138235

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 50.000 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

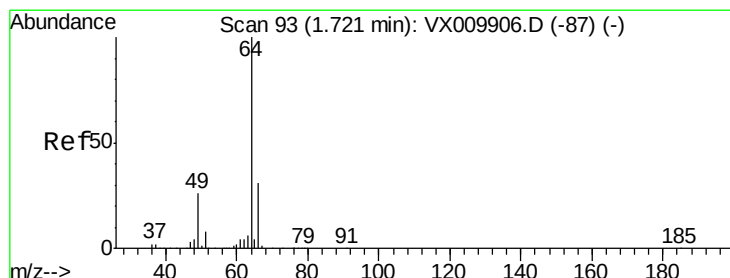
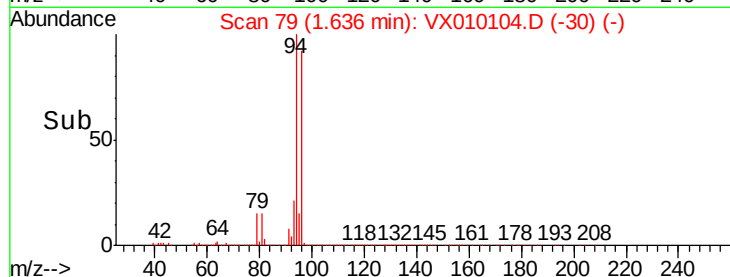
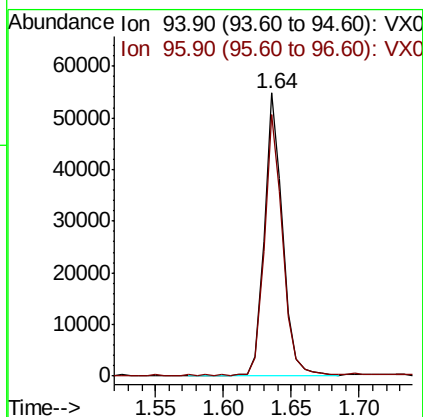
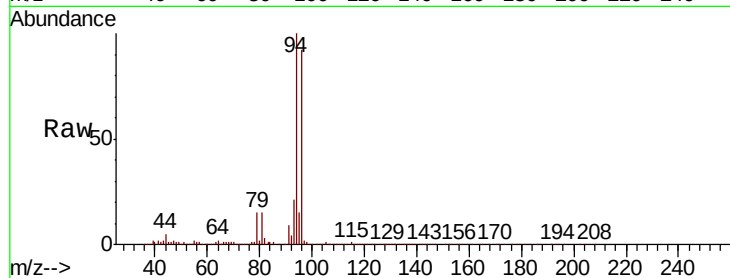
VSTDICCC050

Tgt Ion: 94 Resp: 51579

Ion Ratio Lower Upper

94 100

96 92.2 76.2 114.4



#6

Chloroethane

Concen: 50.000 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010104.D

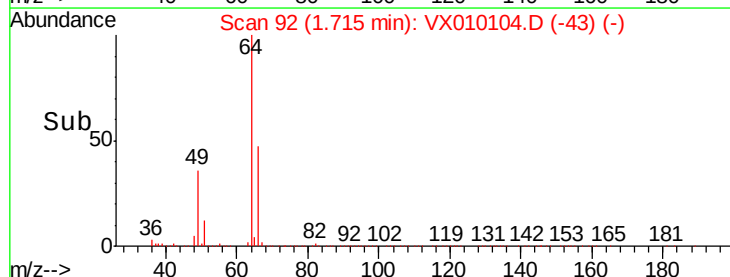
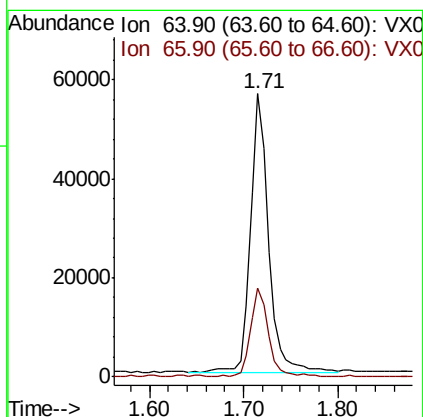
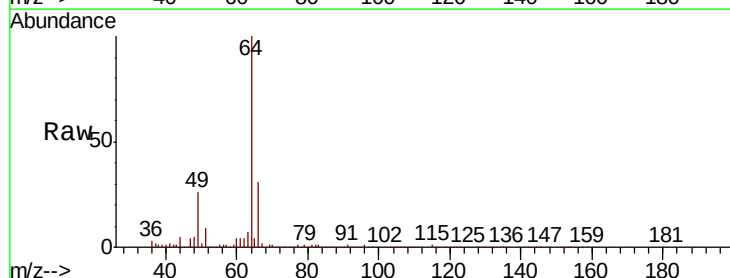
Acq: 07 Jun 2019 12:41

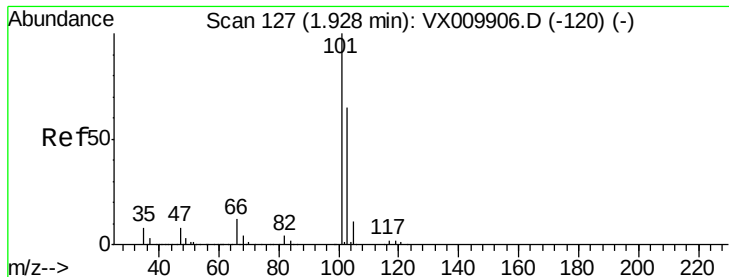
Tgt Ion: 64 Resp: 77184

Ion Ratio Lower Upper

64 100

66 31.7 25.1 37.7



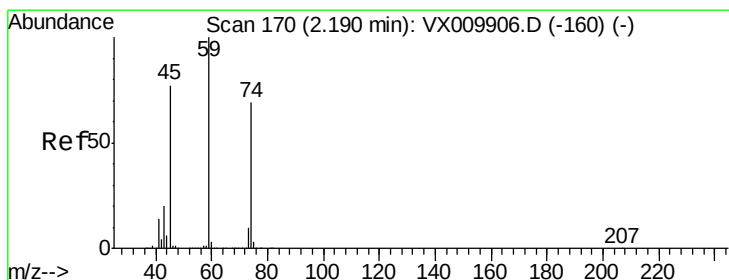
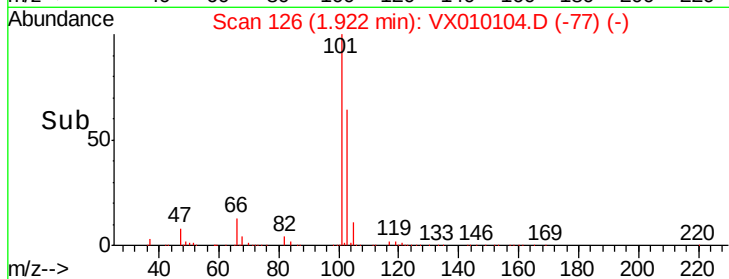
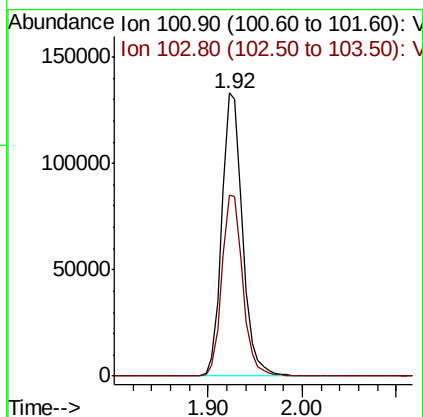
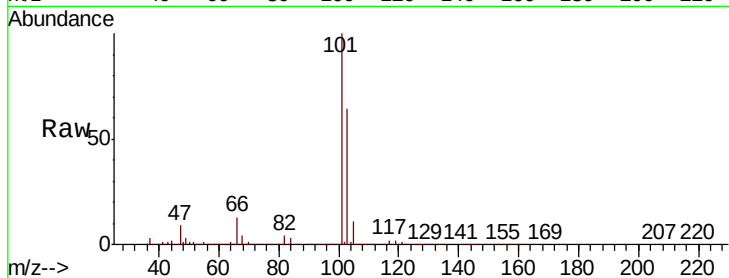


#7

Trichlorofluoromethane
Concen: 50.000 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Instrument :
MSVOA_X
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VSTDICCC050

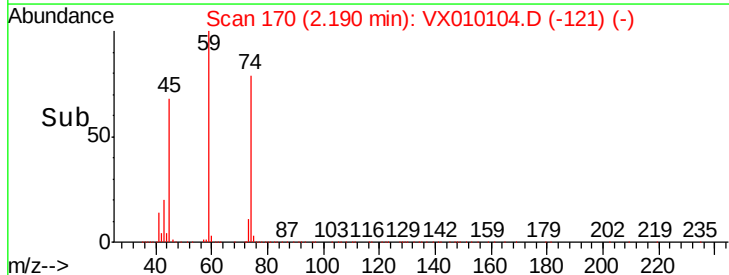
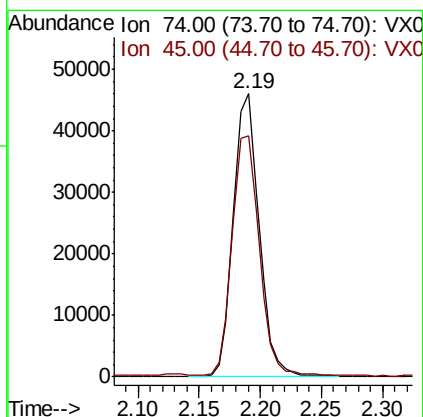
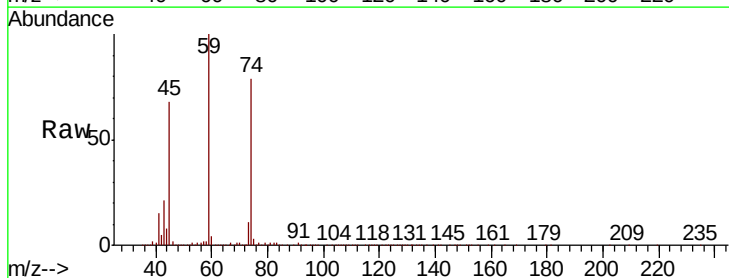
Tgt Ion: 101 Resp: 202209
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.4

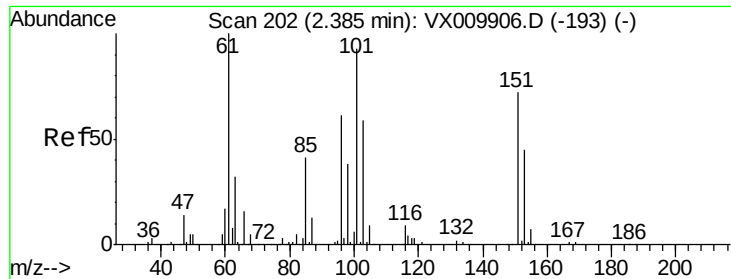


#8

Diethyl Ether
Concen: 50.000 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 74 Resp: 67121
Ion Ratio Lower Upper
74 100
45 89.7 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.000 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

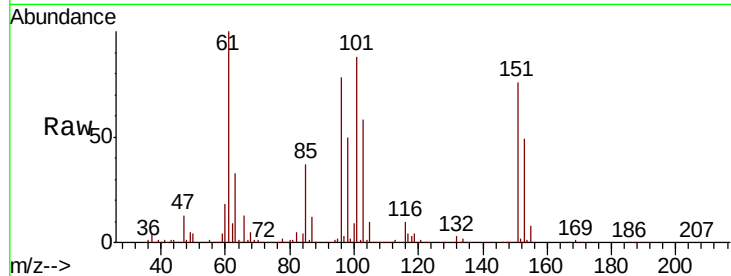
Tgt Ion:101 Resp: 136283

Ion Ratio Lower Upper

101 100

85 41.6 35.2 52.8

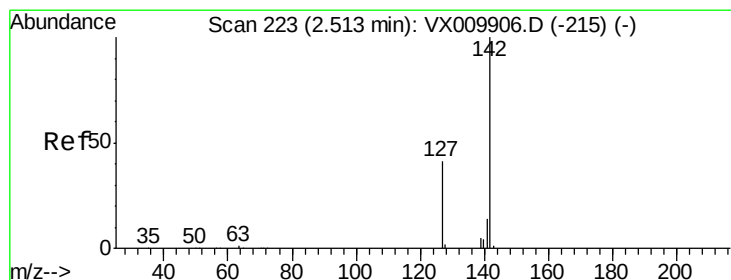
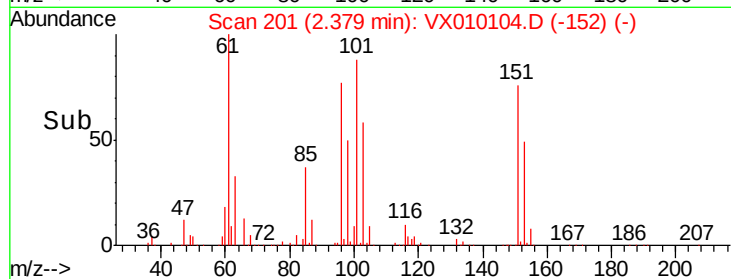
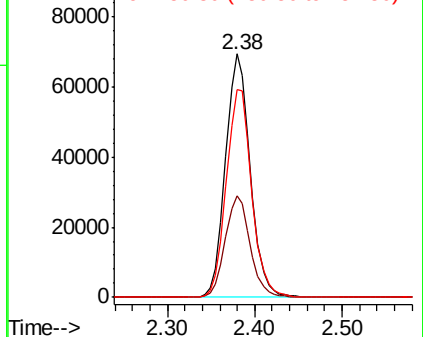
151 87.6 61.9 92.9



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: 50.000 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

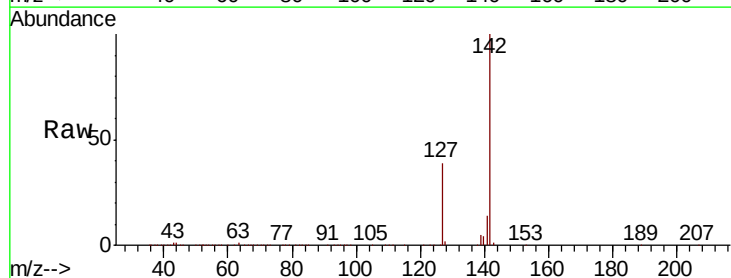
Tgt Ion:142 Resp: 224814

Ion Ratio Lower Upper

142 100

127 38.1 33.0 49.4

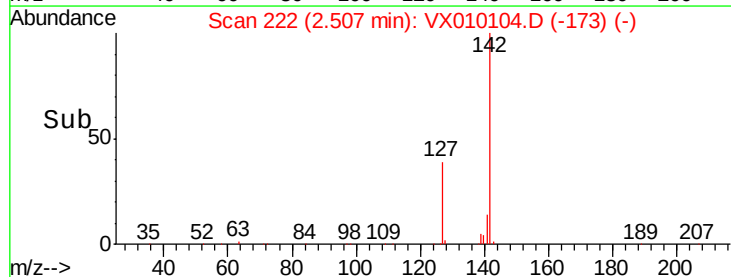
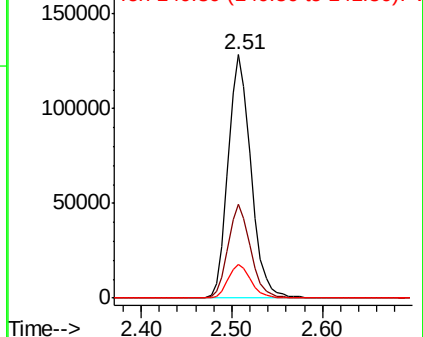
141 14.1 11.4 17.0

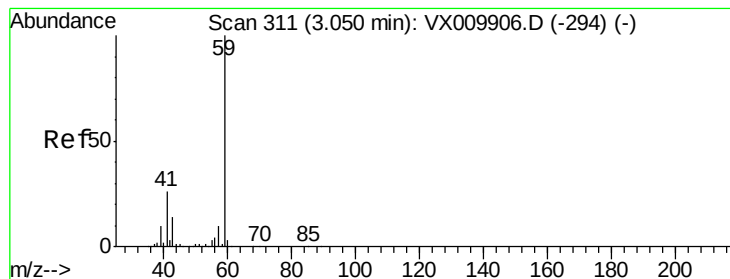


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



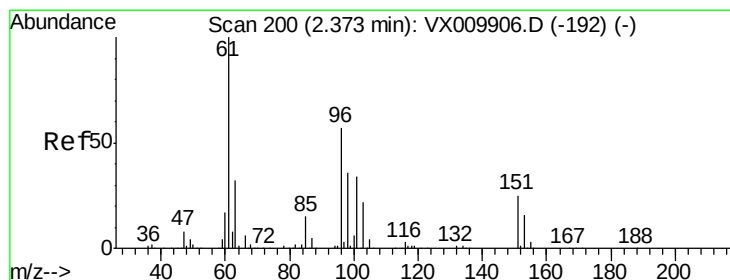
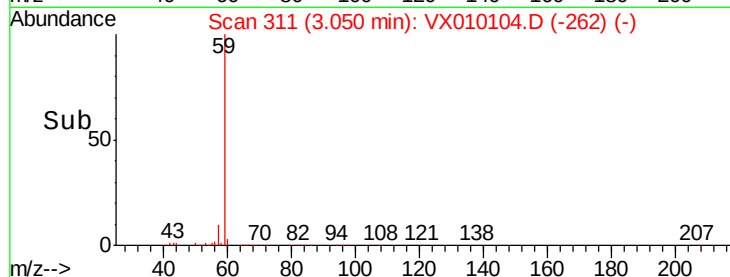
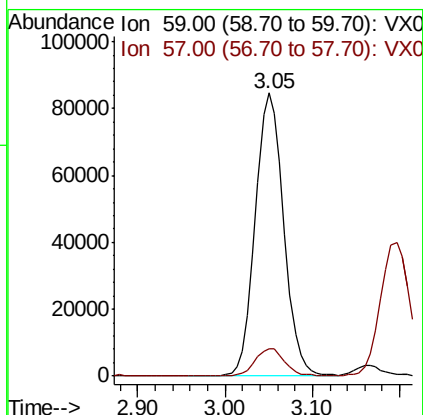
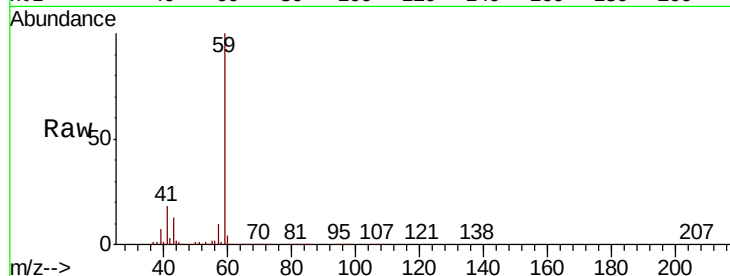


#11

Tert butyl alcohol
Concen: 250.000 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

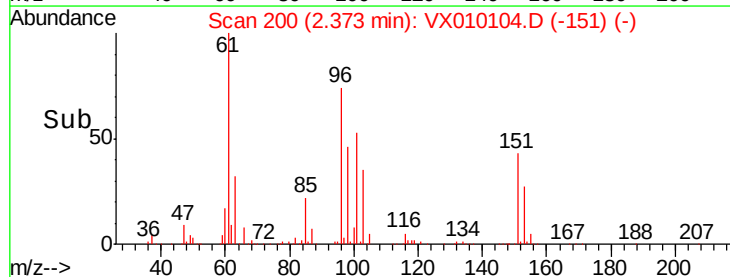
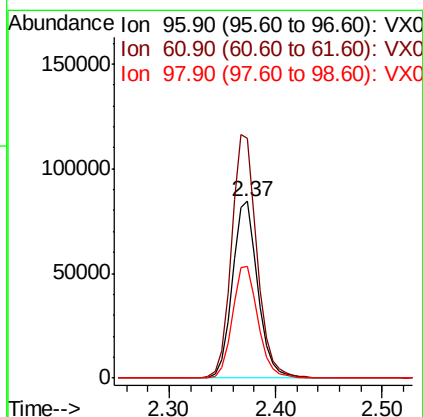
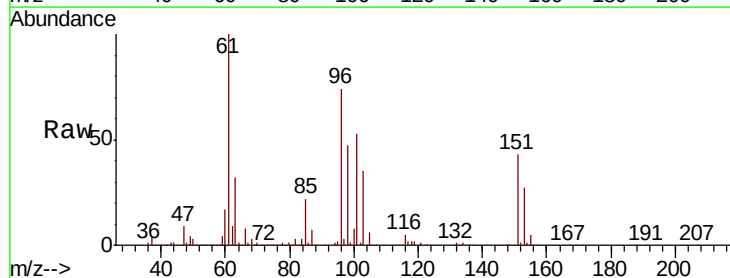
Tgt Ion: 59 Resp: 191192
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

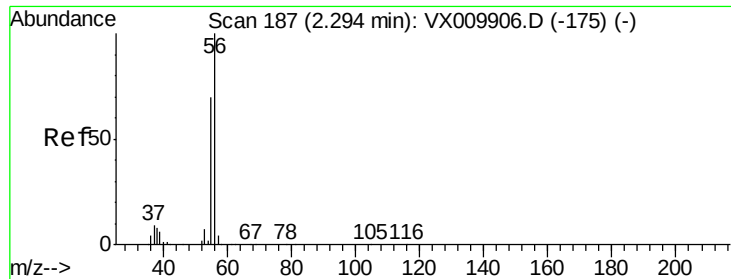


#12

1,1-Dichloroethene
Concen: 50.000 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 96 Resp: 140524
Ion Ratio Lower Upper
96 100
61 135.8 140.7 211.1#
98 63.2 50.1 75.1

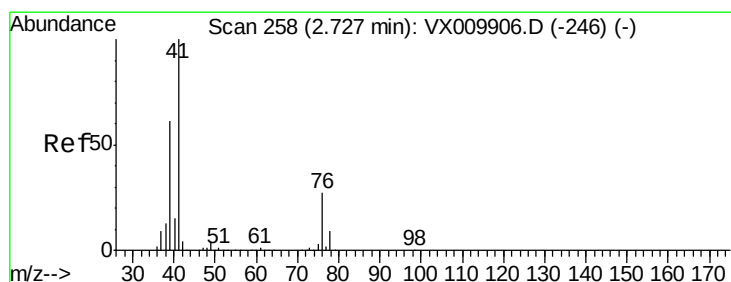
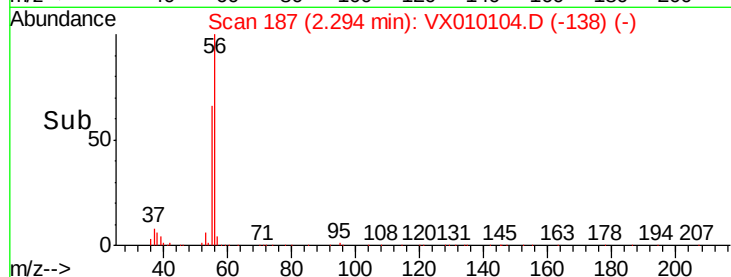
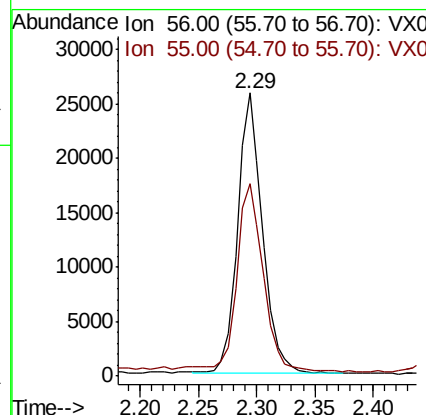
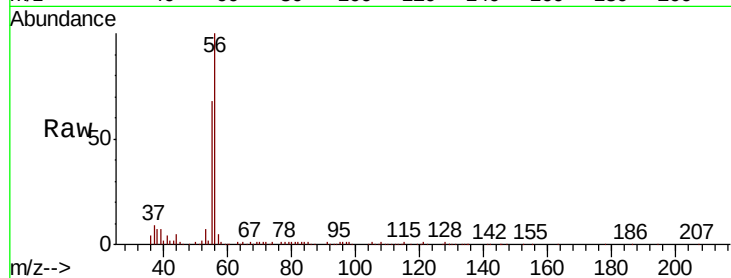




#13
Acrolein
Concen: 250.000 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

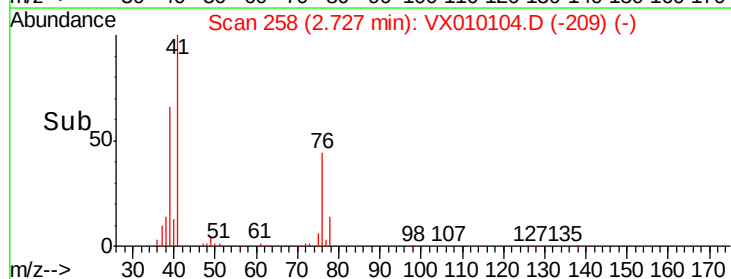
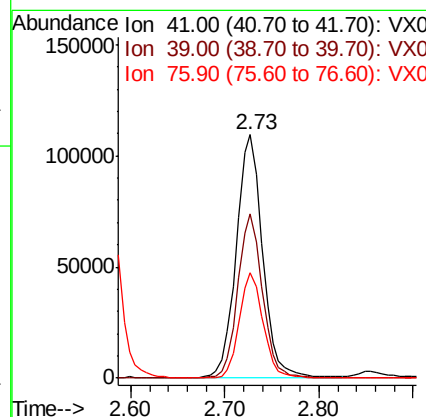
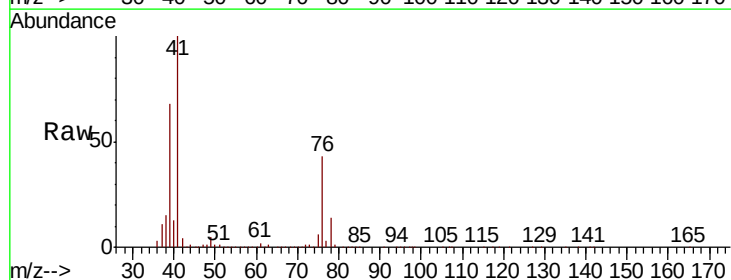
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

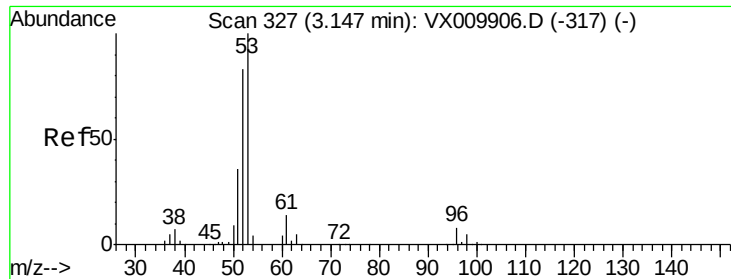
Tgt Ion: 56 Resp: 38439
Ion Ratio Lower Upper
56 100
55 71.8 57.0 85.4



#14
Allyl chloride
Concen: 50.000 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 41 Resp: 210770
Ion Ratio Lower Upper
41 100
39 63.2 46.7 70.1
76 39.7 21.0 31.4#





#15

Acrylonitrile

Concen: 250.000 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

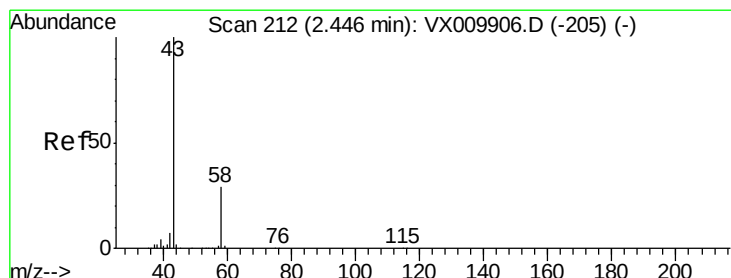
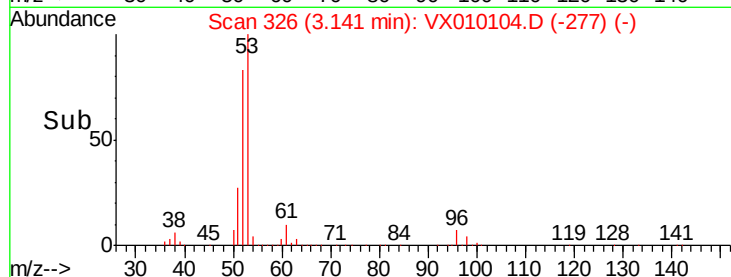
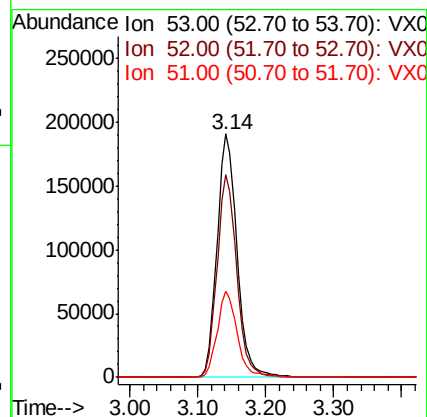
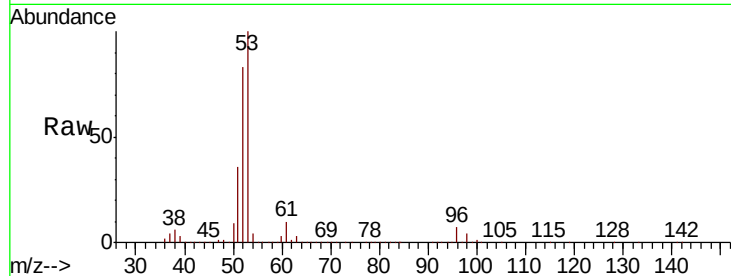
Tgt Ion: 53 Resp: 387718

Ion Ratio Lower Upper

53 100

52 82.1 66.7 100.1

51 35.4 28.8 43.2



#16

Acetone

Concen: 250.000 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010104.D

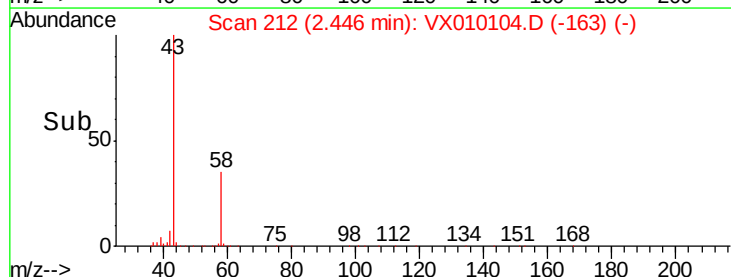
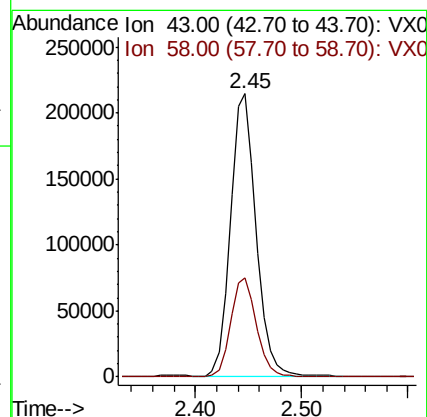
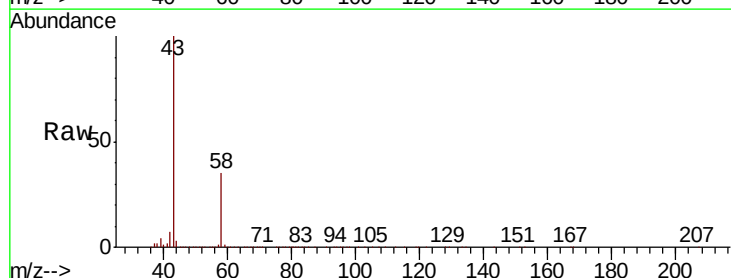
Acq: 07 Jun 2019 12:41

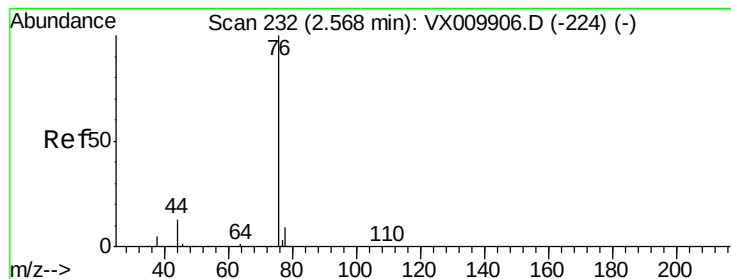
Tgt Ion: 43 Resp: 357178

Ion Ratio Lower Upper

43 100

58 34.9 23.2 34.8#





#17

Carbon Disulfide

Concen: 50.000 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

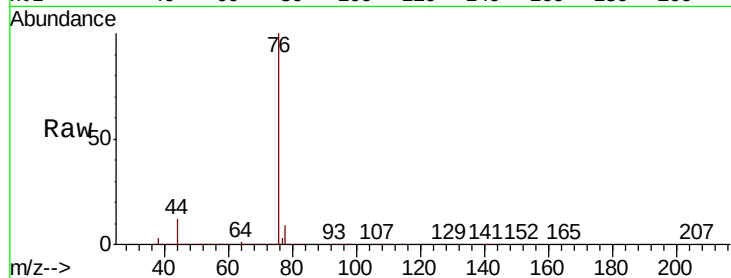
VSTDICCC050

Tgt Ion: 76 Resp: 395622

Ion Ratio Lower Upper

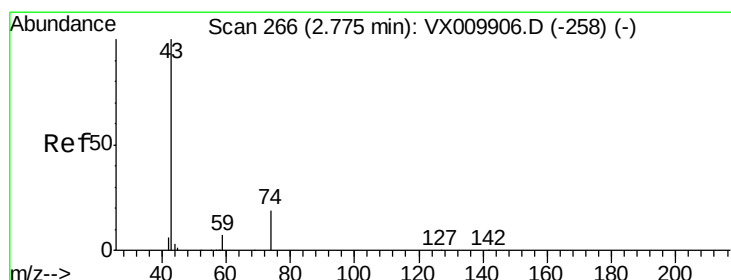
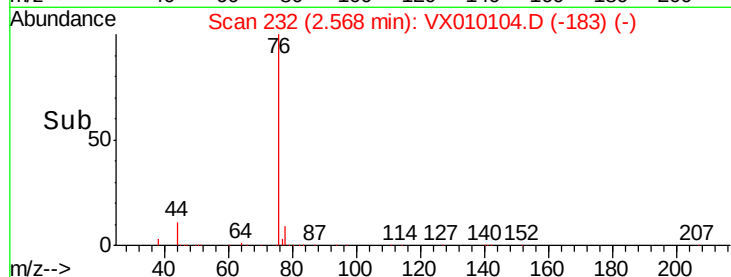
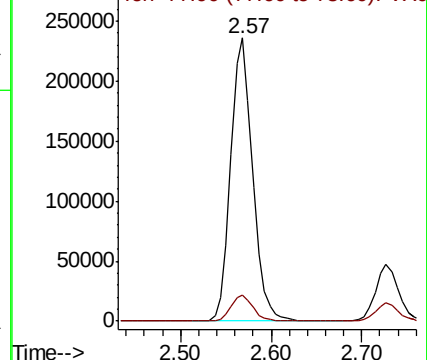
76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.000 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010104.D

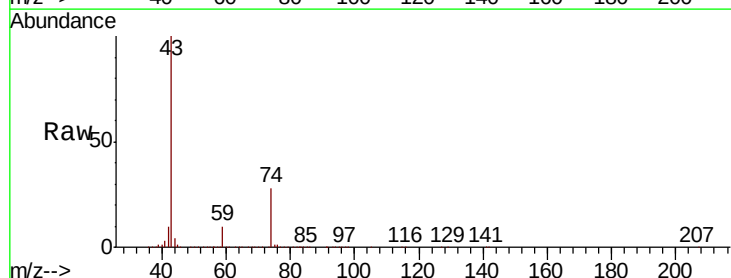
Acq: 07 Jun 2019 12:41

Tgt Ion: 43 Resp: 153611

Ion Ratio Lower Upper

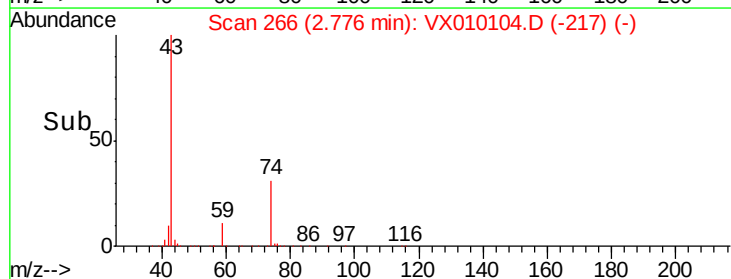
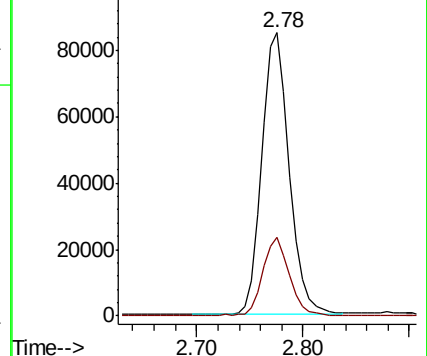
43 100

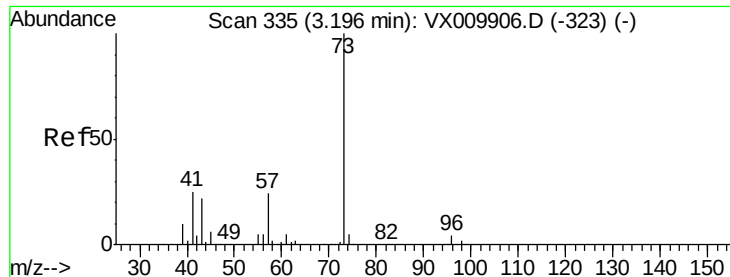
74 27.4 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

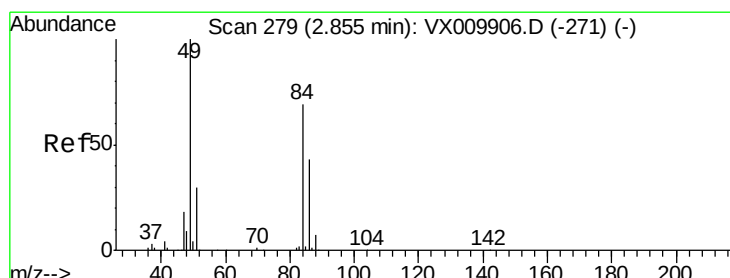
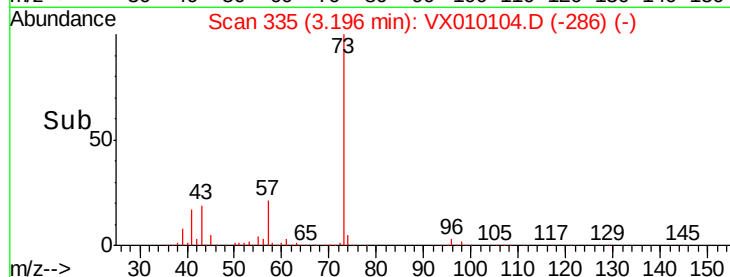
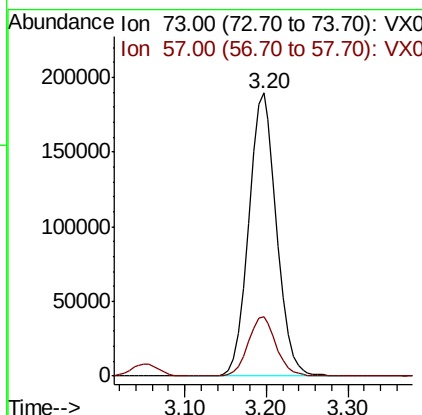
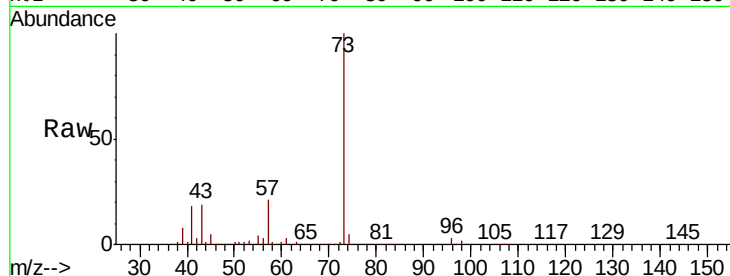




#19
Methyl tert-butyl Ether
Concen: 50.000 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

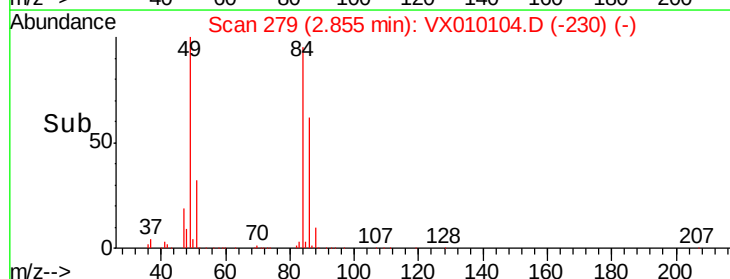
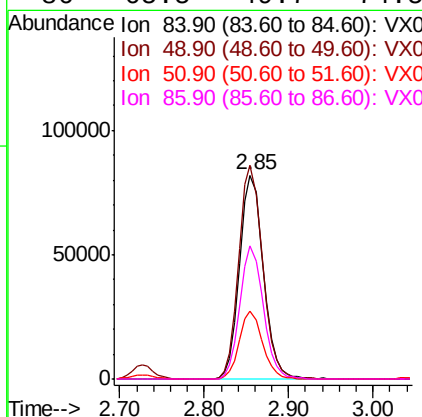
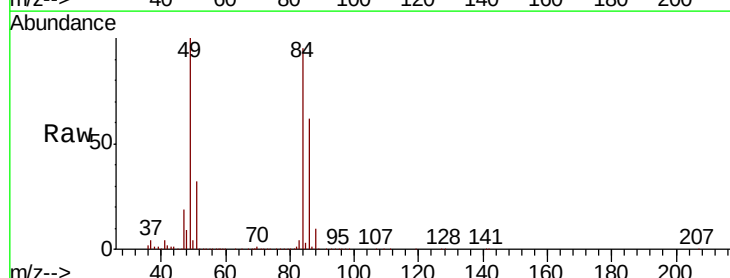
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

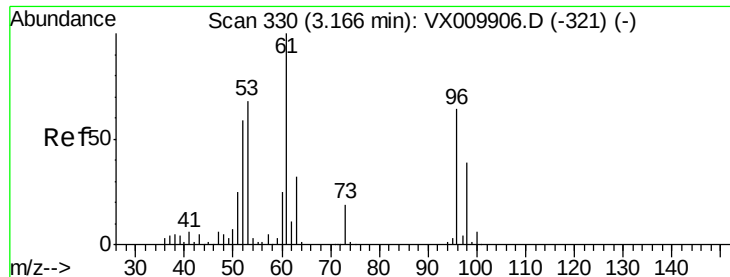
Tgt Ion: 73 Resp: 449614
Ion Ratio Lower Upper
73 100
57 21.0 19.4 29.2



#20
Methylene Chloride
Concen: 50.000 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 84 Resp: 154659
Ion Ratio Lower Upper
84 100
49 104.8 115.8 173.6#
51 33.2 34.4 51.6#
86 65.5 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 50.000 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

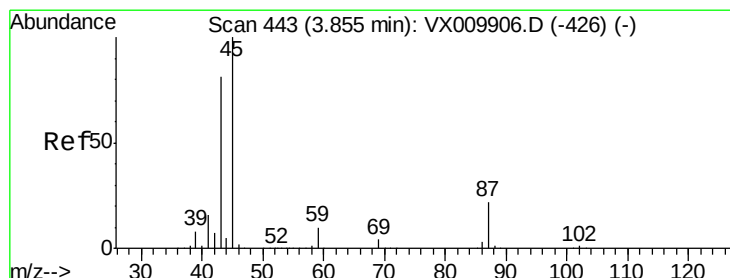
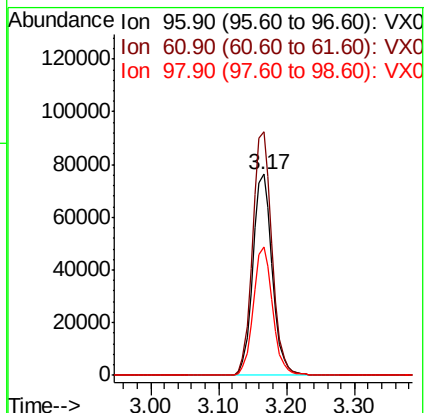
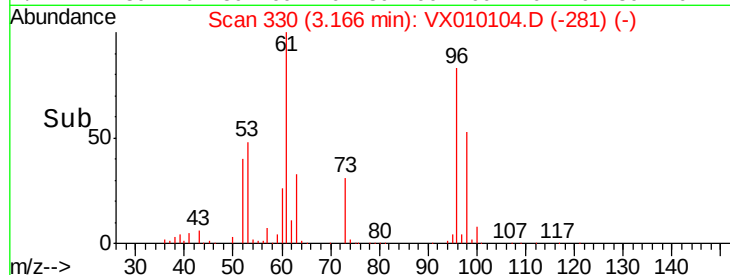
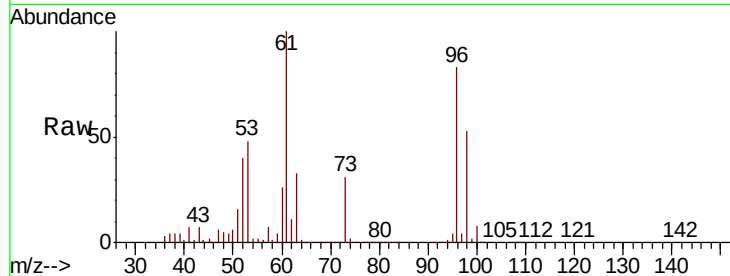
Tgt Ion: 96 Resp: 151883

Ion Ratio Lower Upper

96 100

61 121.0 125.7 188.5#

98 63.6 49.0 73.6



#22

Diisopropyl ether

Concen: 50.000 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Tgt Ion: 45 Resp: 413519

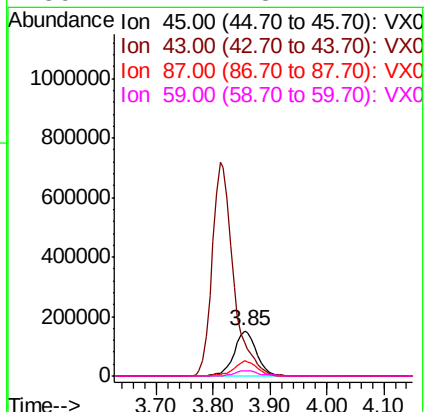
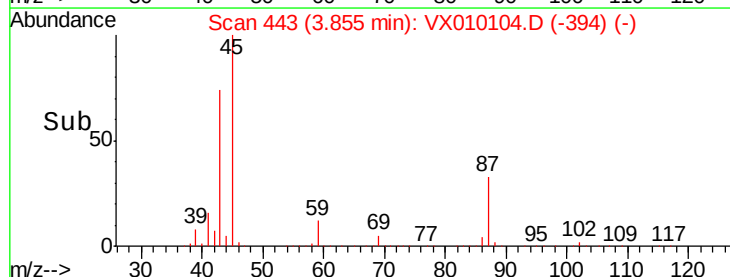
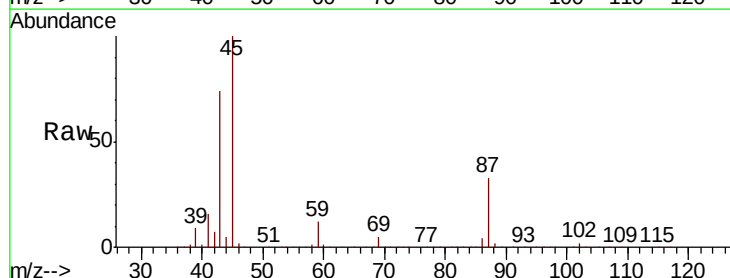
Ion Ratio Lower Upper

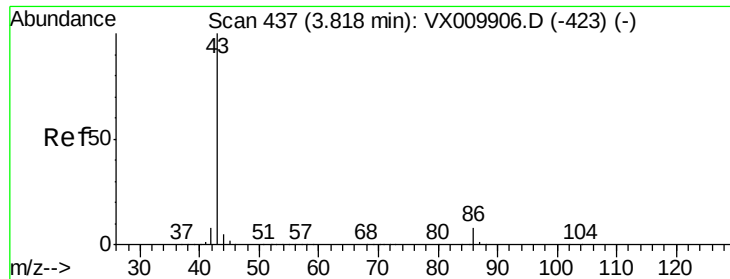
45 100

43 73.8 65.0 97.4

87 33.5 17.3 25.9#

59 12.4 8.1 12.1#





#23

Vinyl Acetate

Concen: 250.000 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

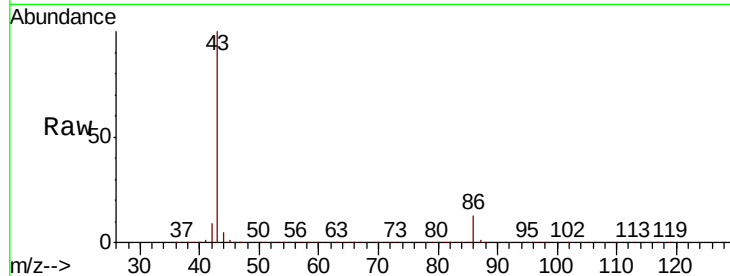
VSTDICCC050

Tgt Ion: 43 Resp: 1863379

Ion Ratio Lower Upper

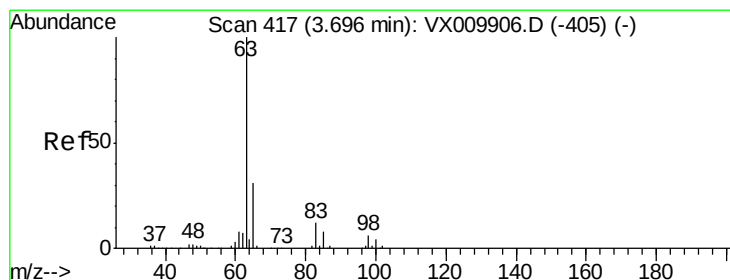
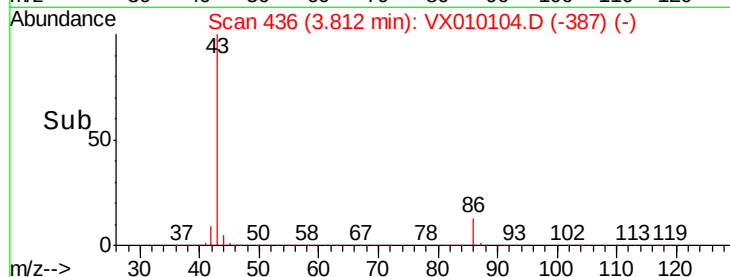
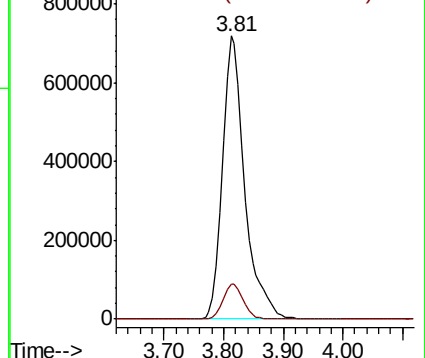
43 100

86 12.6 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.000 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

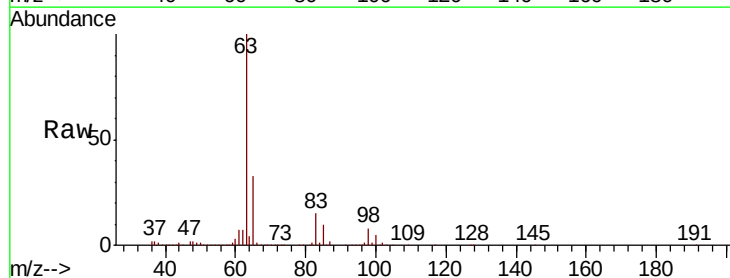
Tgt Ion: 63 Resp: 243265

Ion Ratio Lower Upper

63 100

98 7.5 2.9 8.8

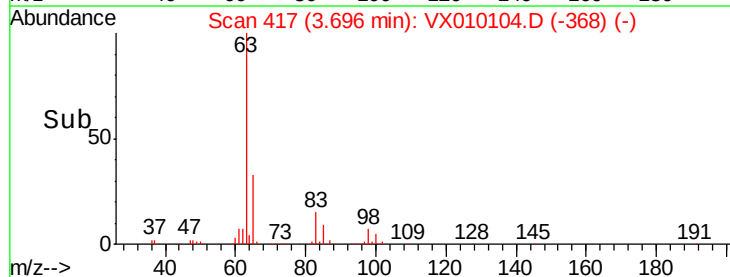
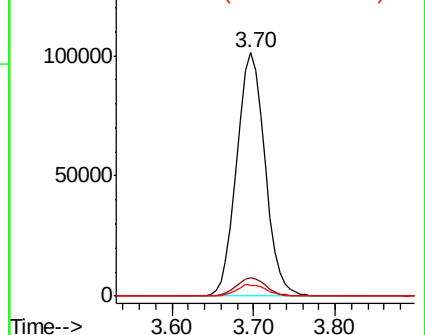
100 4.6 1.8 5.4

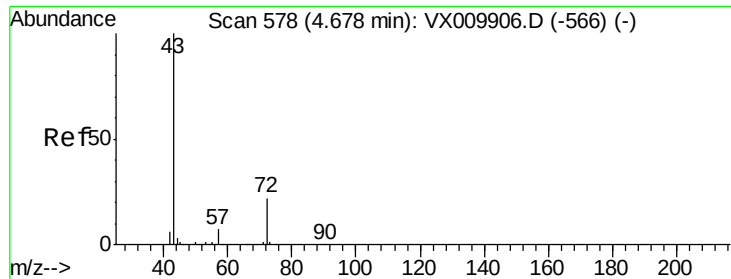


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 250.000 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

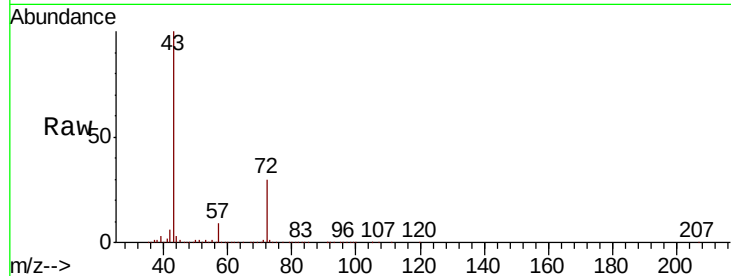
VSTDICCC050

Tgt Ion: 43 Resp: 546610

Ion Ratio Lower Upper

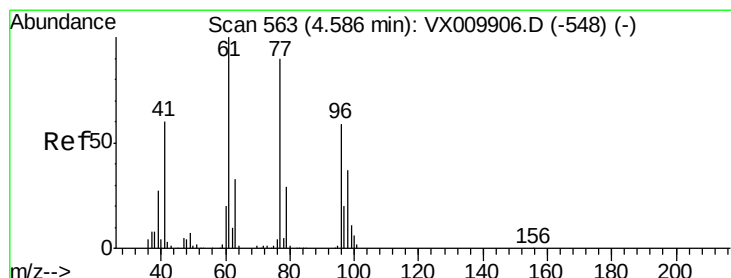
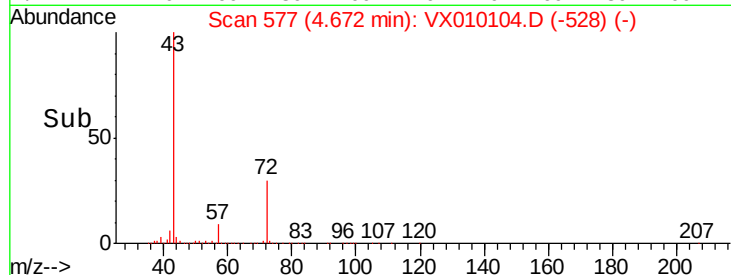
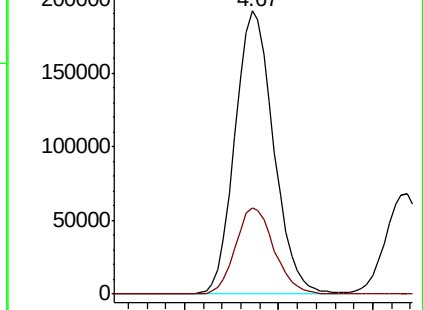
43 100

72 30.3 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.000 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010104.D

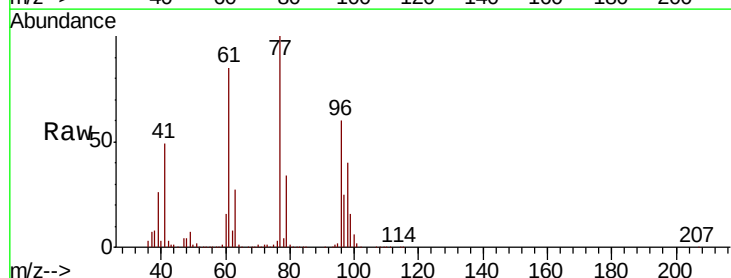
Acq: 07 Jun 2019 12:41

Tgt Ion: 77 Resp: 223929

Ion Ratio Lower Upper

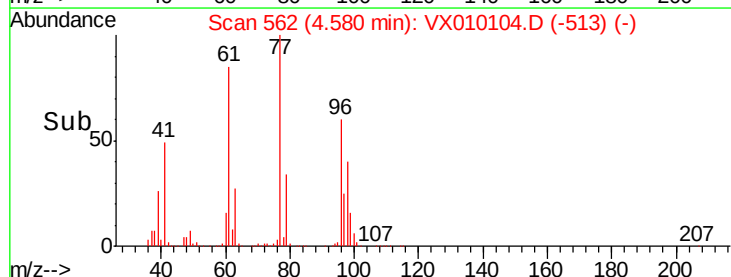
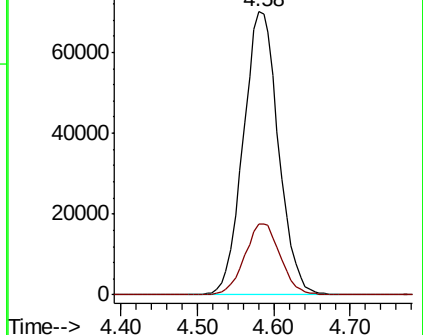
77 100

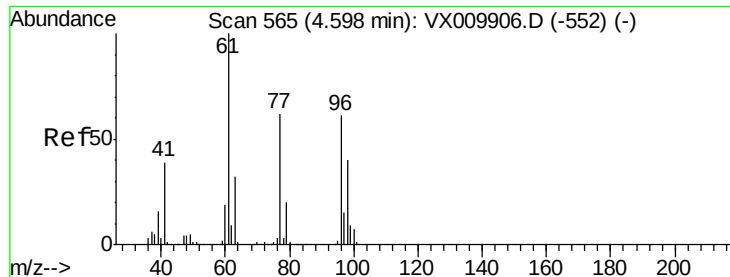
97 25.1 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



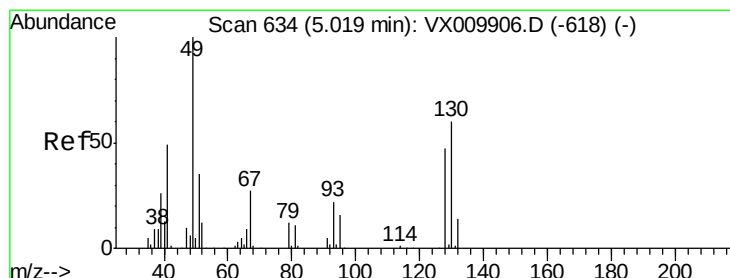
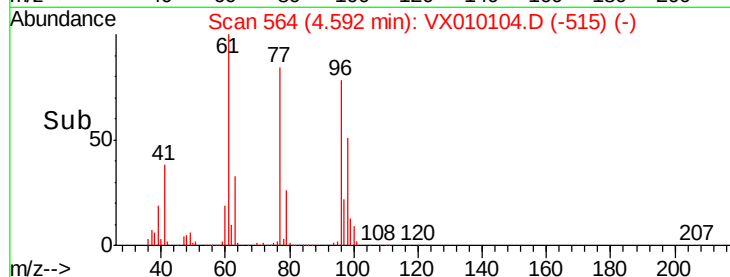
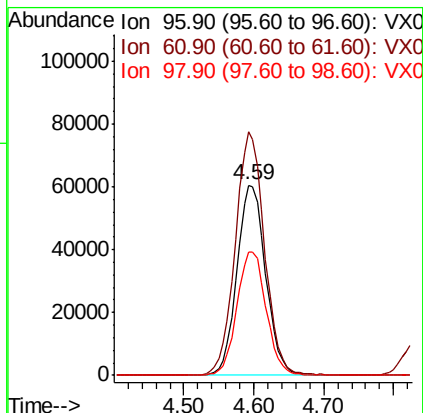
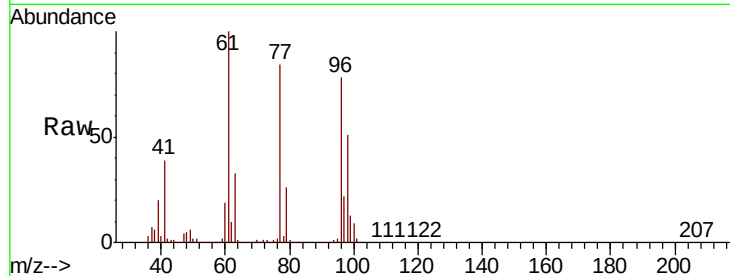


#27

cis-1,2-Dichloroethene
 Concen: 50.000 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

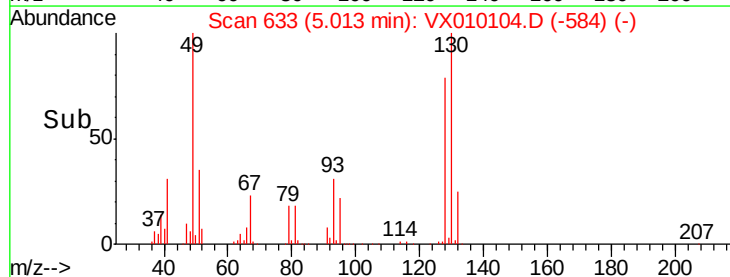
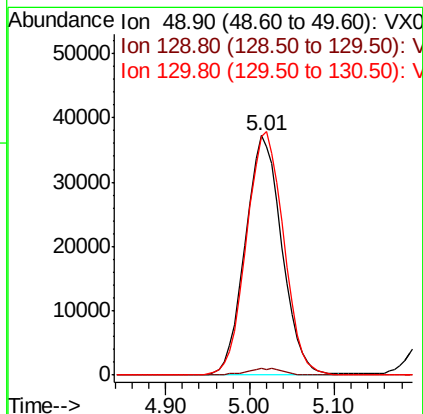
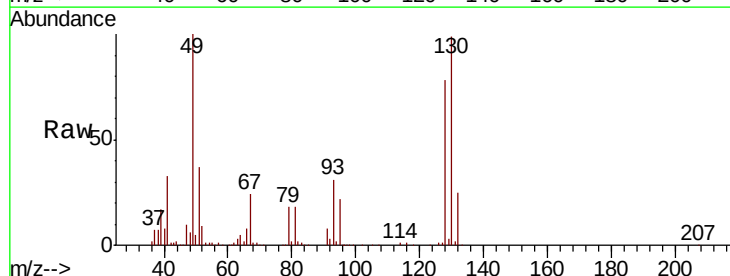
Tgt Ion: 96 Resp: 173271
 Ion Ratio Lower Upper
 96 100
 61 129.8 0.0 334.0
 98 65.6 0.0 131.6

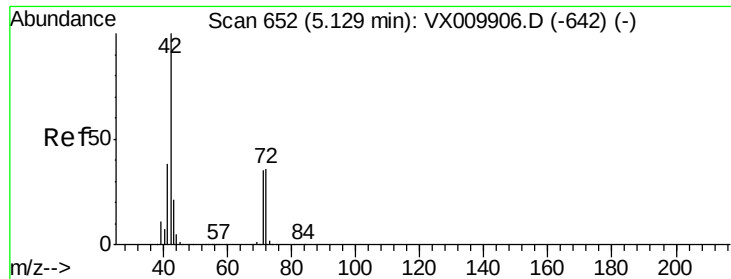


#28

Bromochloromethane
 Concen: 50.000 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

Tgt Ion: 49 Resp: 109911
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 3.4
 130 103.1 49.4 74.2#

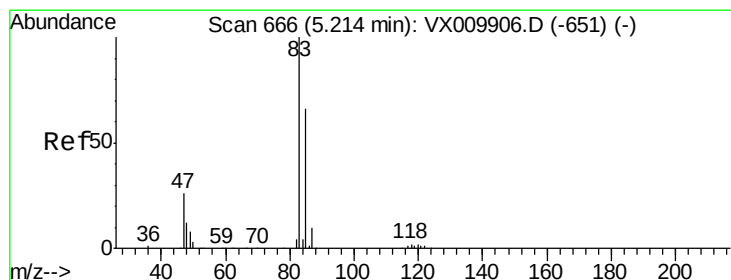
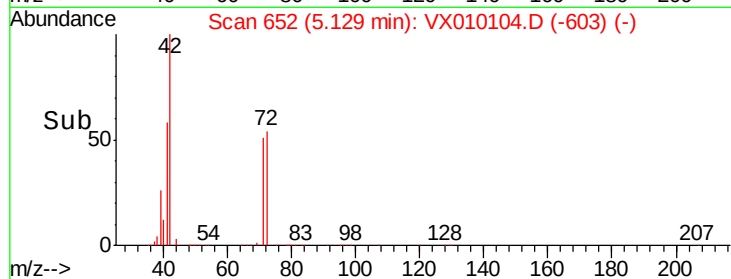
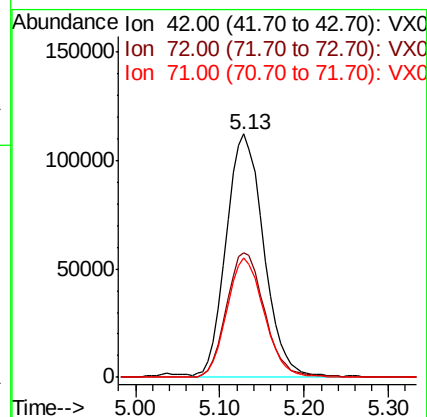
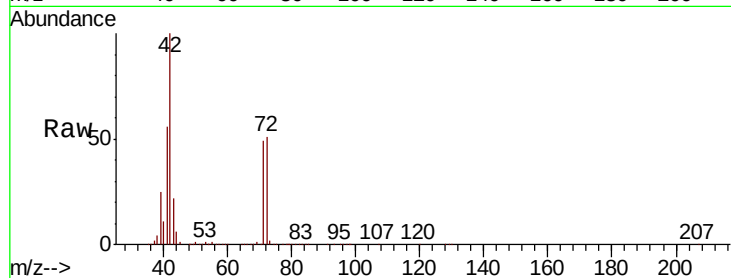




#29
Tetrahydrofuran
Concen: 250.000 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

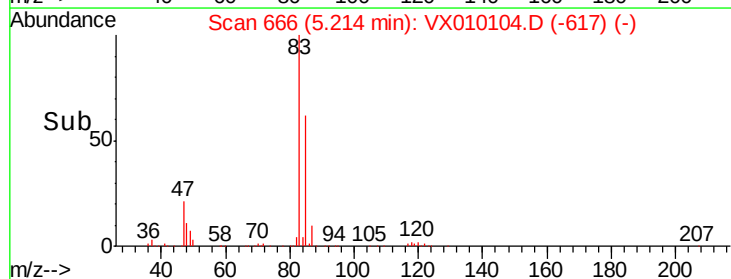
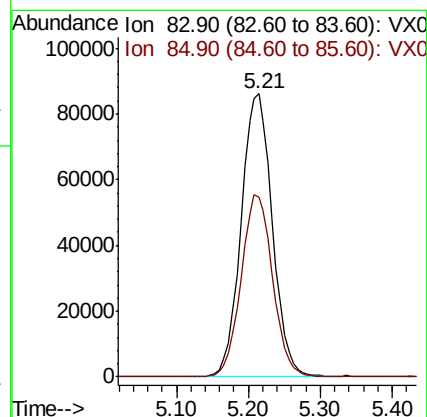
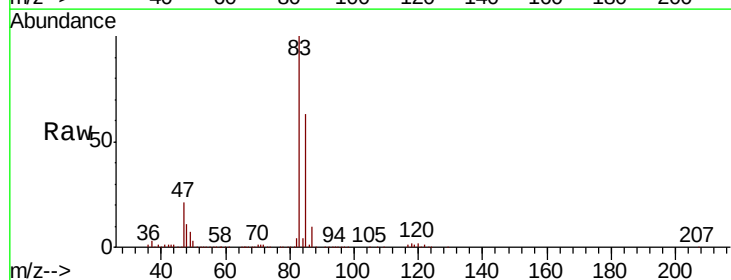
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

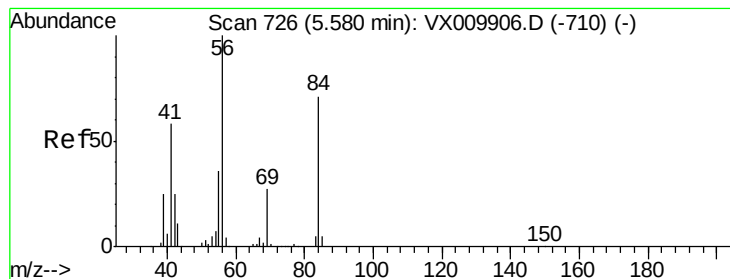
Tgt Ion: 42 Resp: 337741
Ion Ratio Lower Upper
42 100
72 52.5 29.2 43.8#
71 48.7 27.6 41.4#



#30
Chloroform
Concen: 50.000 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 83 Resp: 257584
Ion Ratio Lower Upper
83 100
85 63.2 52.6 78.8





#31

Cyclohexane

Concen: 50.000 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

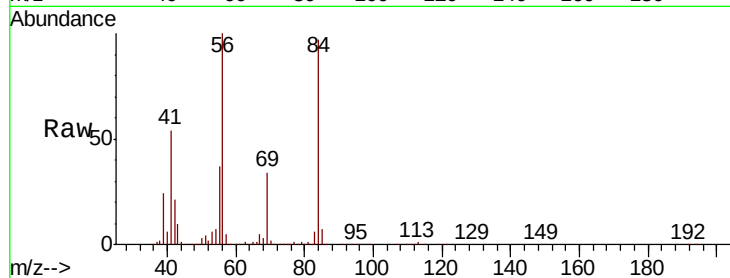
Tgt Ion: 56 Resp: 227046

Ion Ratio Lower Upper

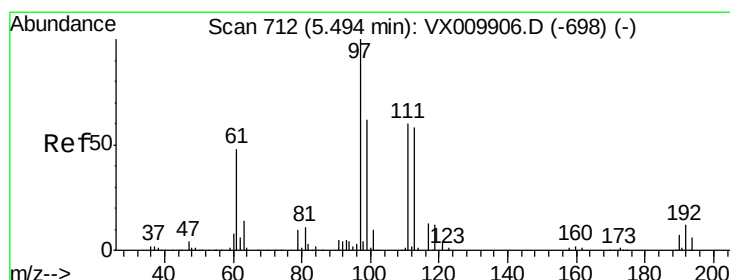
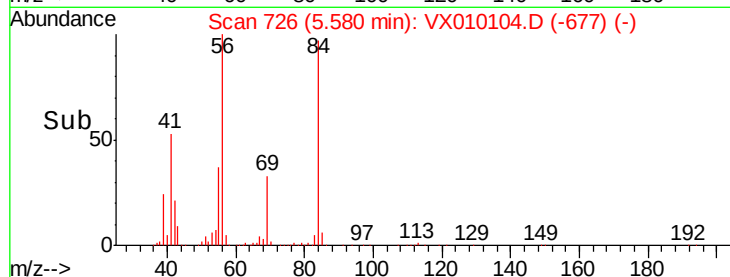
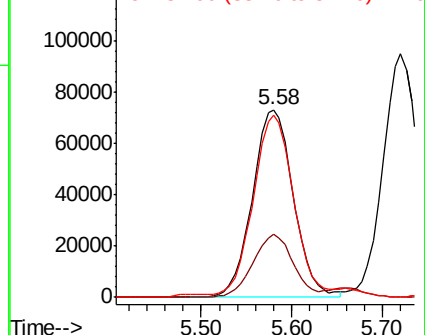
56 100

69 33.6 21.6 32.4#

84 95.4 56.8 85.2#



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: 50.000 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

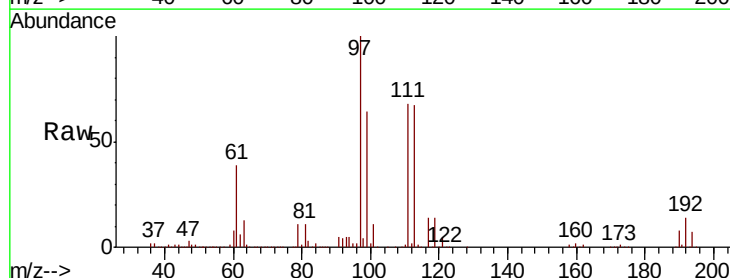
Tgt Ion: 97 Resp: 234778

Ion Ratio Lower Upper

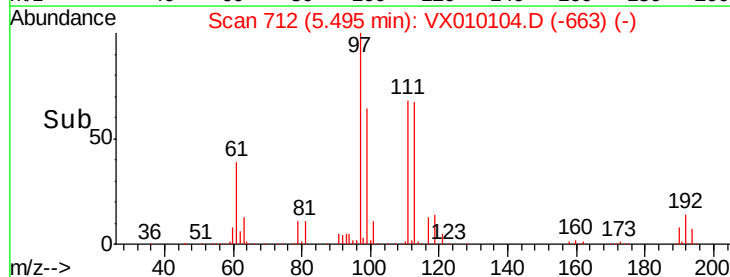
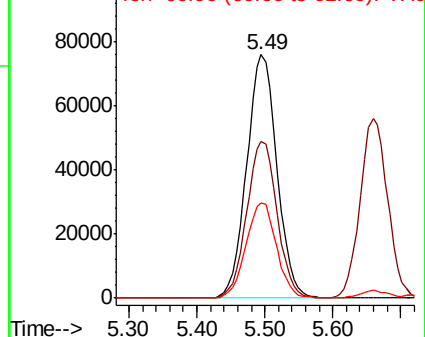
97 100

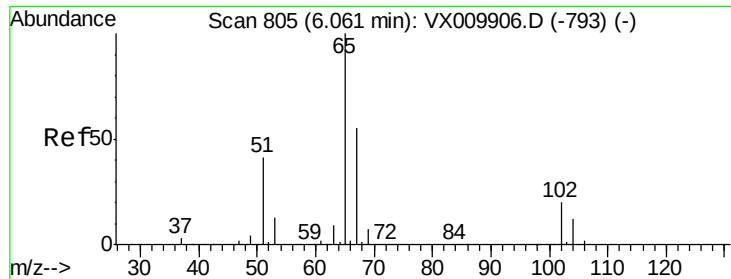
99 64.8 51.0 76.4

61 39.5 38.7 58.1



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

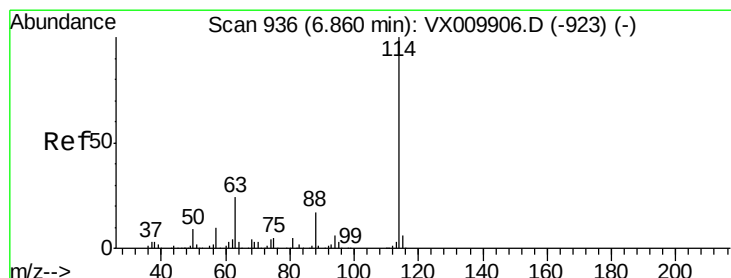
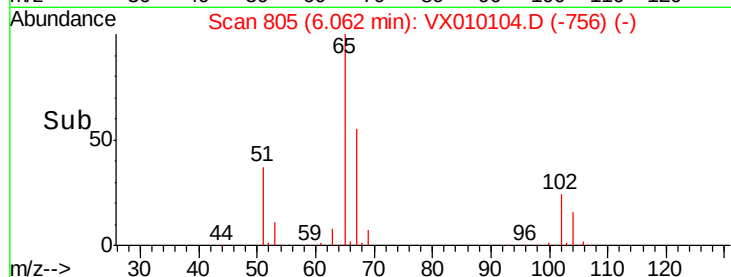
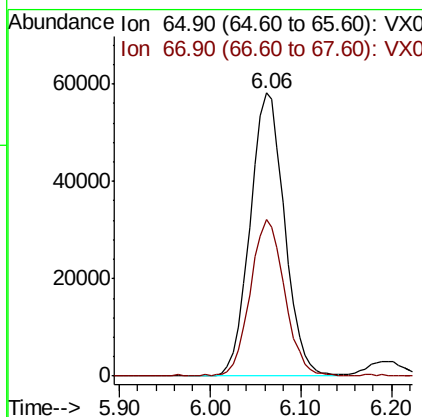
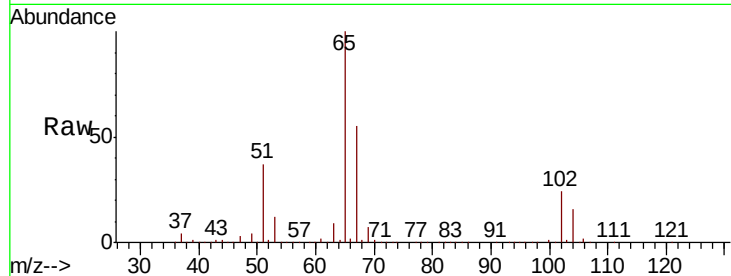




#33
 1,2-Dichloroethane-d4
 Concen: 50.000 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

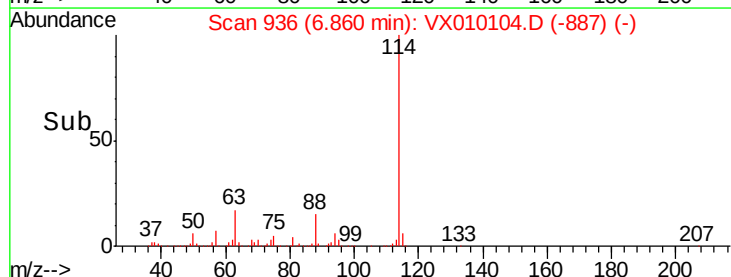
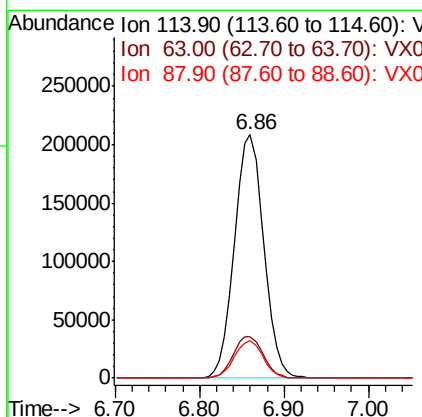
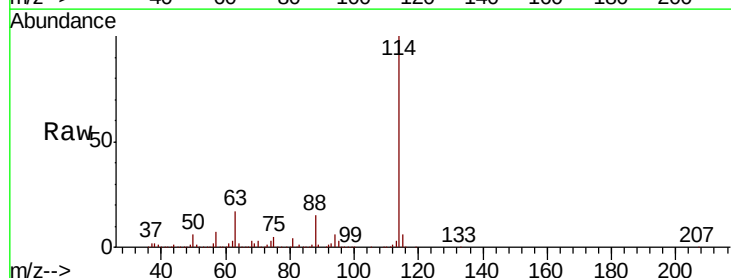
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

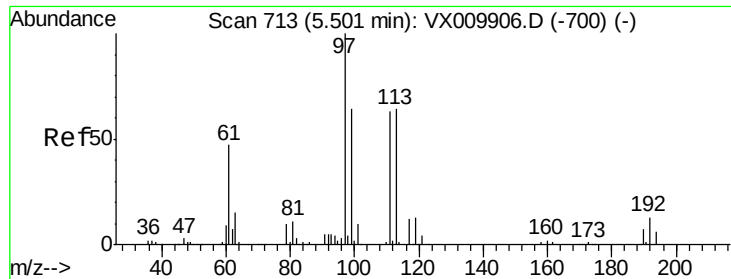
Tgt Ion: 65 Resp: 152890
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

Tgt Ion: 114 Resp: 489425
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 47.4
 88 15.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

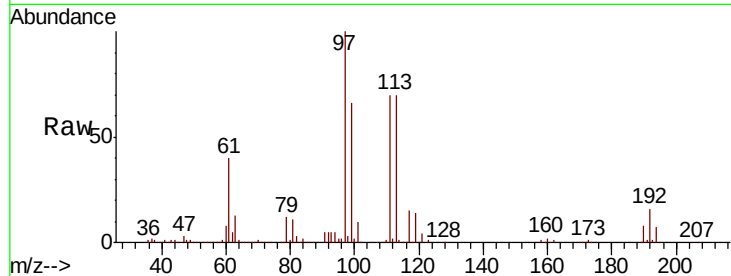
Tgt Ion:113 Resp: 148020

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

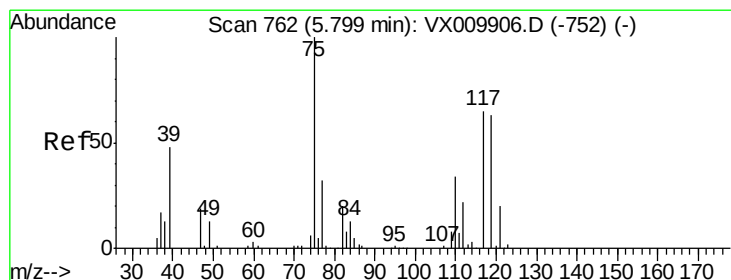
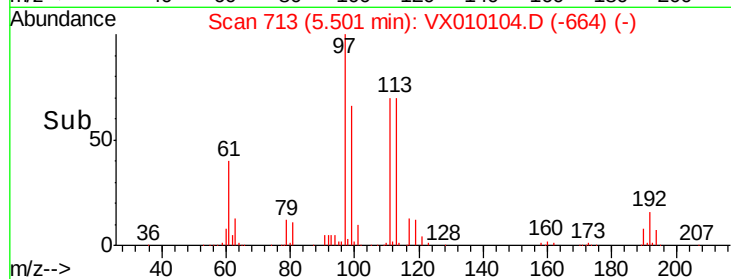
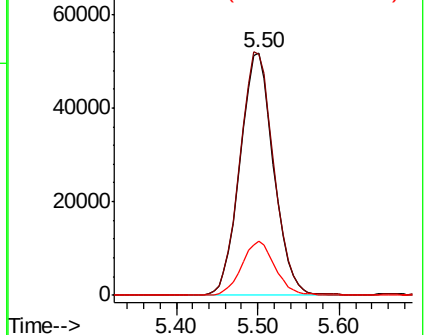
192 22.2 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

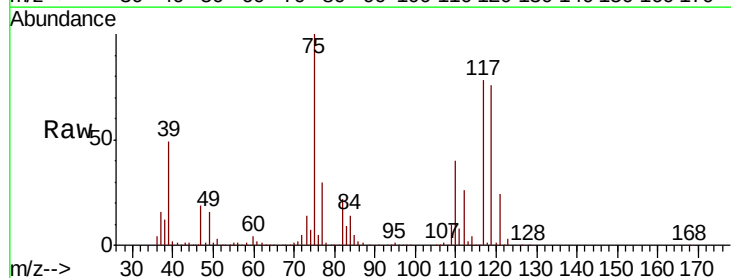
Tgt Ion: 75 Resp: 191159

Ion Ratio Lower Upper

75 100

110 41.9 16.7 50.1

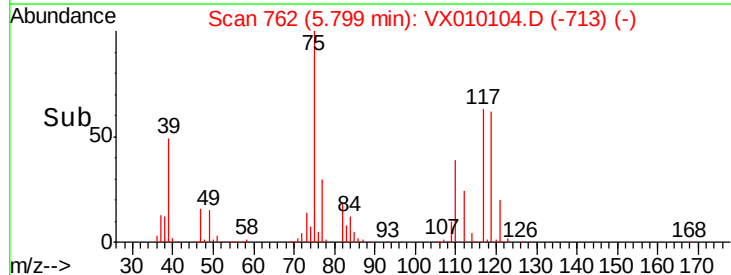
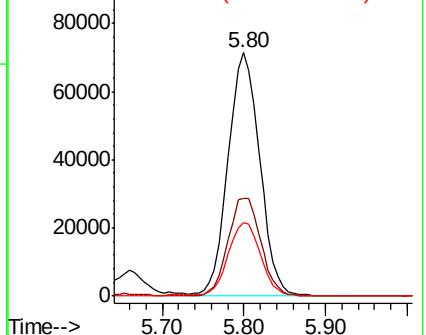
77 30.8 25.0 37.4

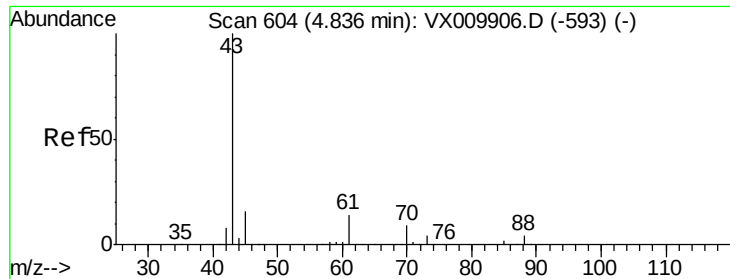


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

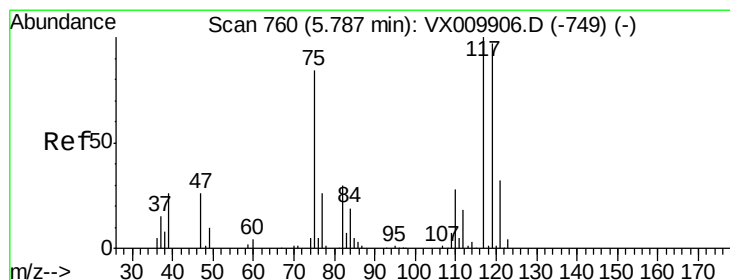
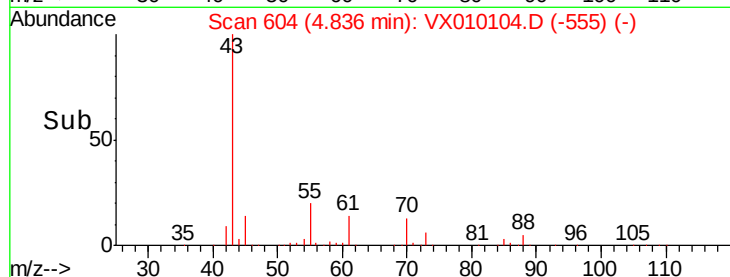
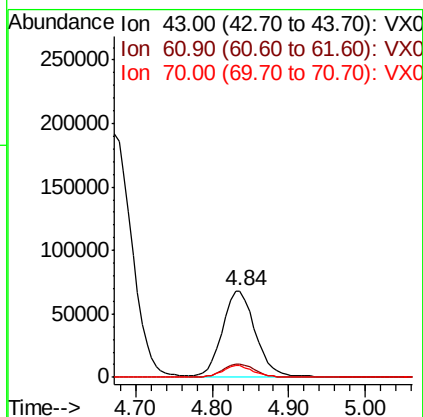
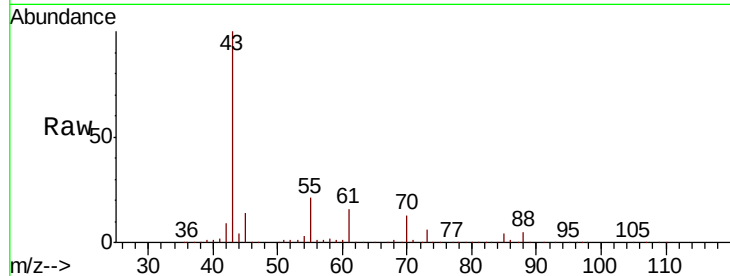




#37
Ethyl Acetate
Concen: 50.000 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

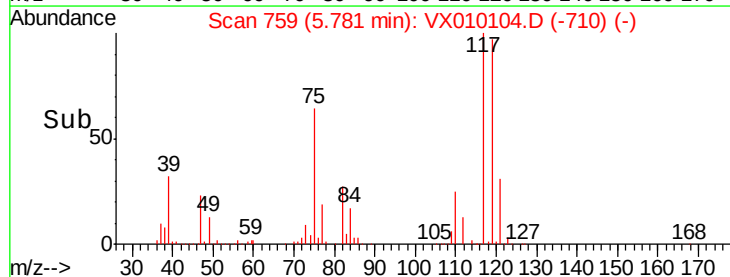
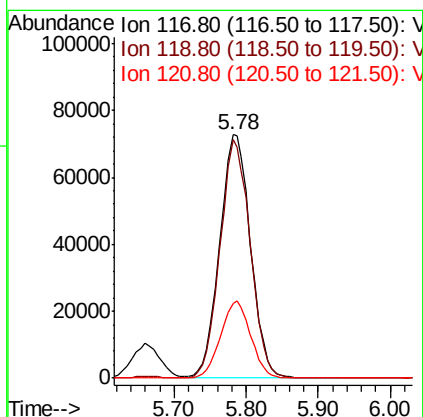
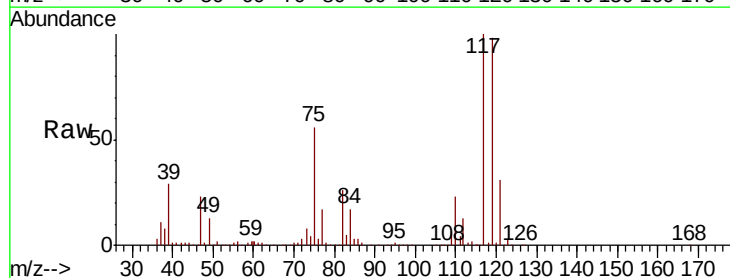
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

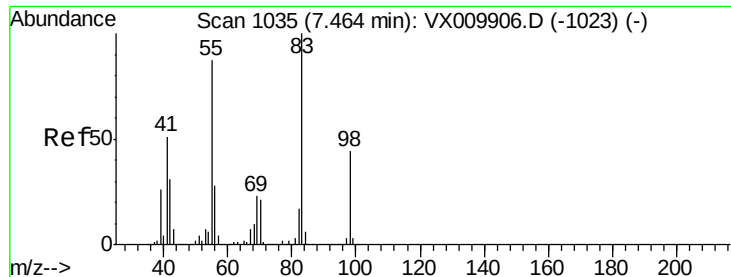
Tgt Ion: 43 Resp: 201236
Ion Ratio Lower Upper
43 100
61 15.7 10.2 15.2#
70 13.0 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 50.000 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 117 Resp: 216553
Ion Ratio Lower Upper
117 100
119 98.0 77.3 115.9
121 30.7 25.4 38.0

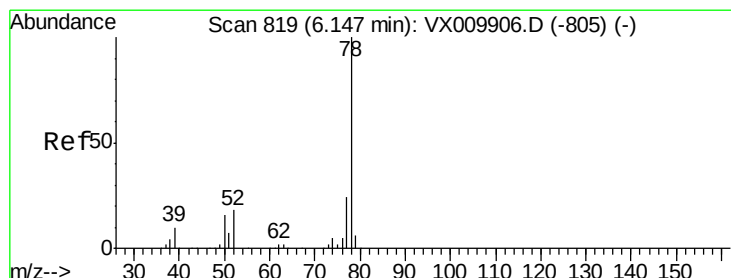
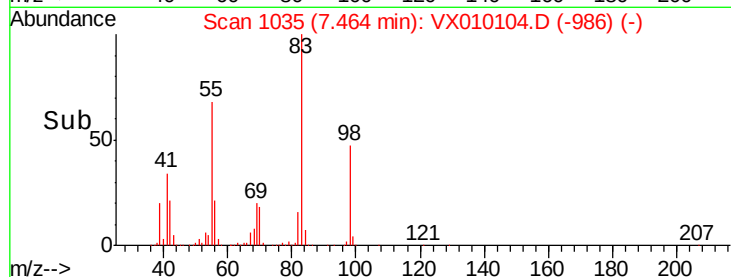
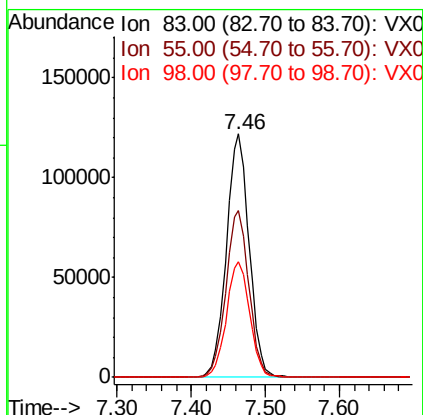
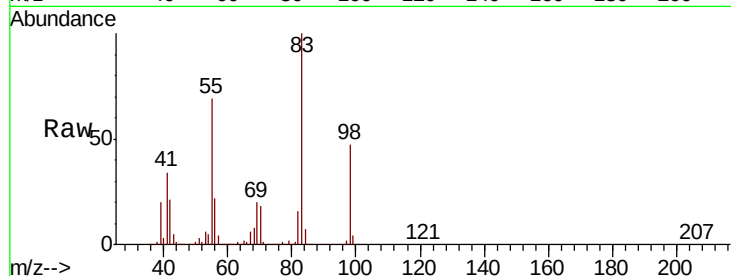




#39
Methylcyclohexane
Concen: 50.000 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

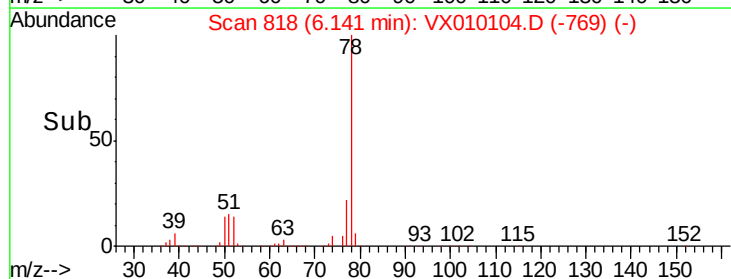
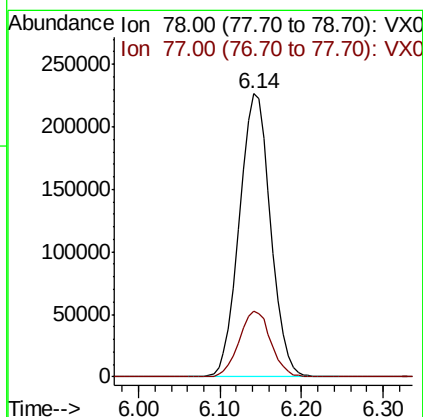
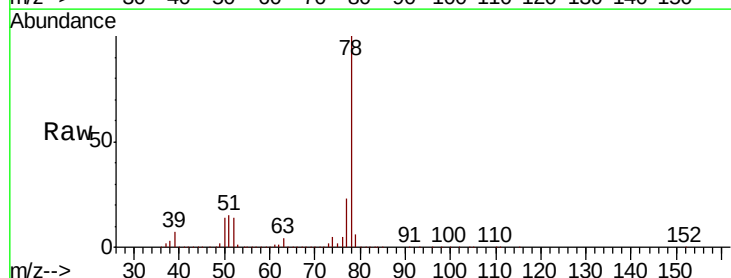
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

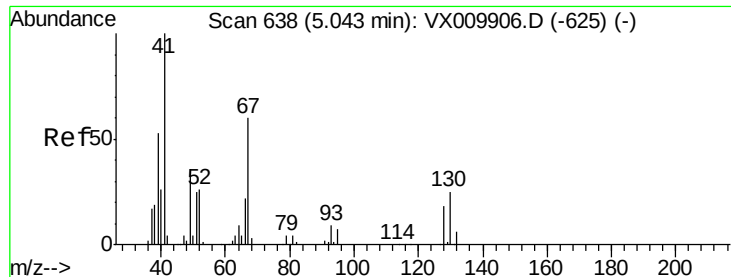
Tgt Ion: 83 Resp: 258758
Ion Ratio Lower Upper
83 100
55 68.4 69.9 104.9#
98 47.4 35.1 52.7



#40
Benzene
Concen: 50.000 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 78 Resp: 601492
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8





#41

Methacrylonitrile

Concen: 50.000 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 109919

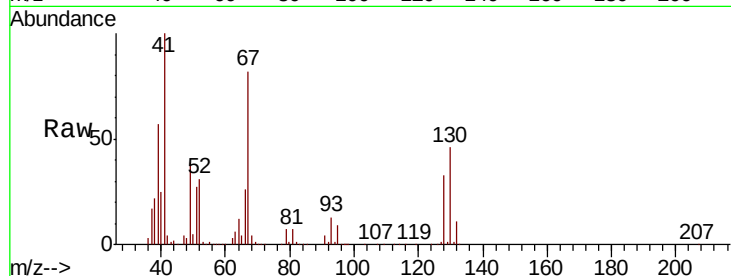
Ion Ratio Lower Upper

41 100

39 54.2 42.2 63.4

67 82.9 48.9 73.3#

52 30.8 20.1 30.1#



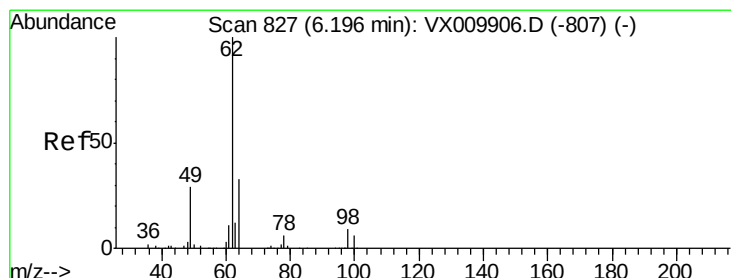
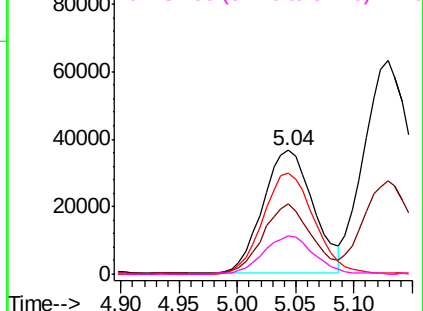
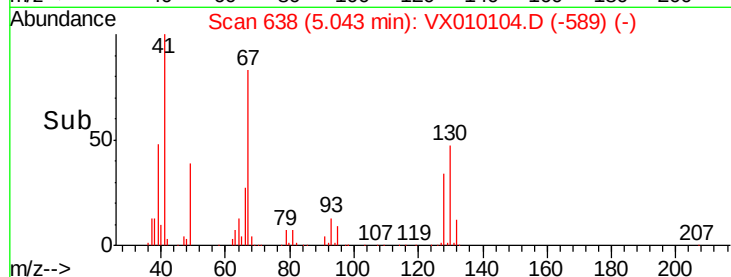
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.000 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX010104.D

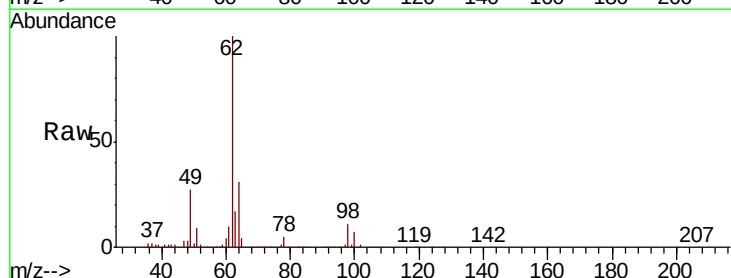
Acq: 07 Jun 2019 12:41

Tgt Ion: 62 Resp: 191176

Ion Ratio Lower Upper

62 100

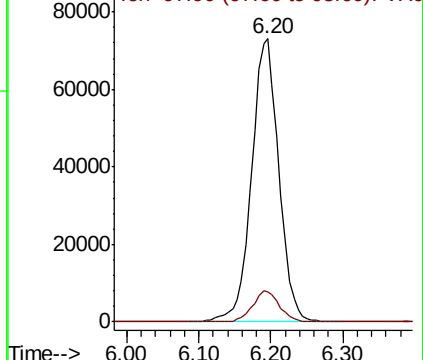
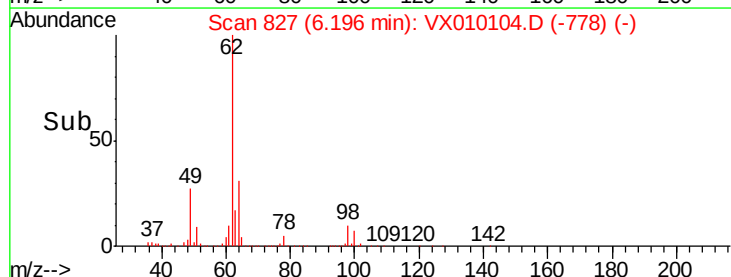
98 10.5 0.0 17.2

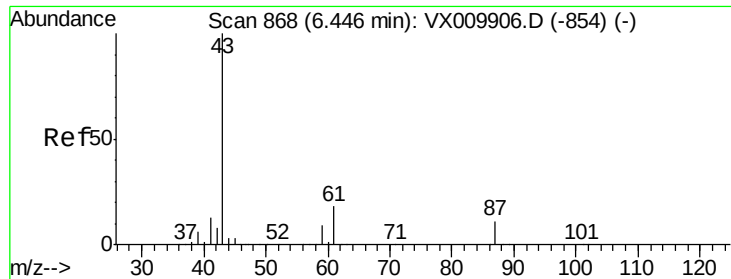


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.000 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

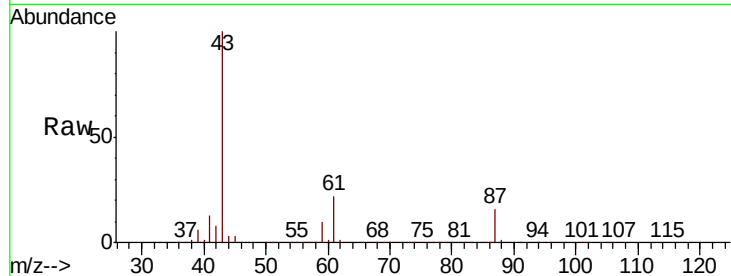
Tgt Ion: 43 Resp: 335272

Ion Ratio Lower Upper

43 100

61 22.5 14.6 21.8#

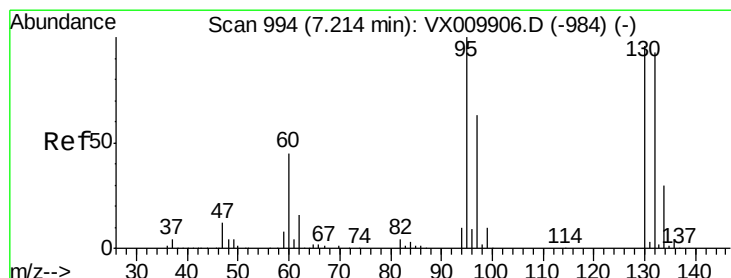
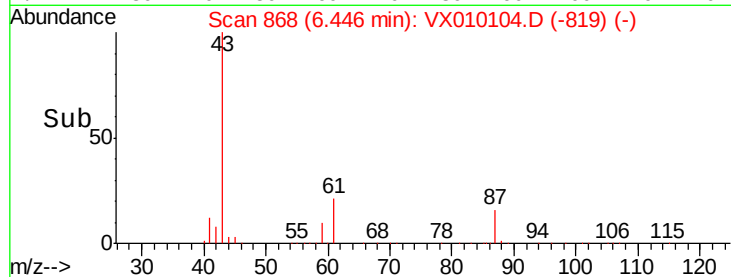
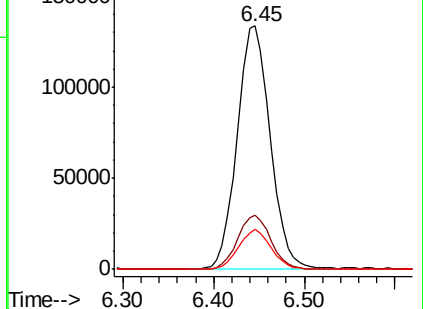
87 16.2 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.000 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010104.D

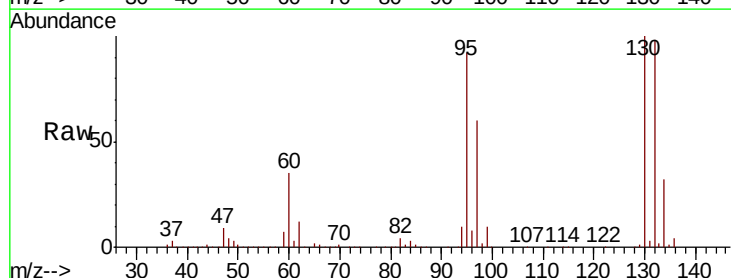
Acq: 07 Jun 2019 12:41

Tgt Ion: 130 Resp: 177476

Ion Ratio Lower Upper

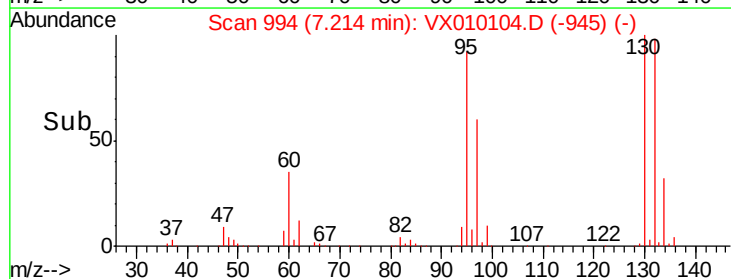
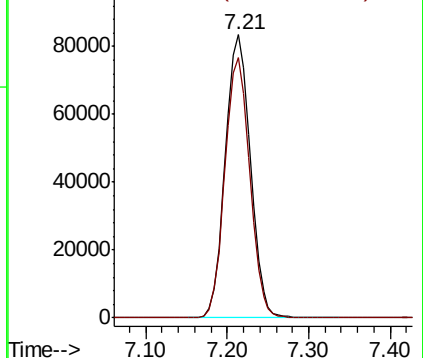
130 100

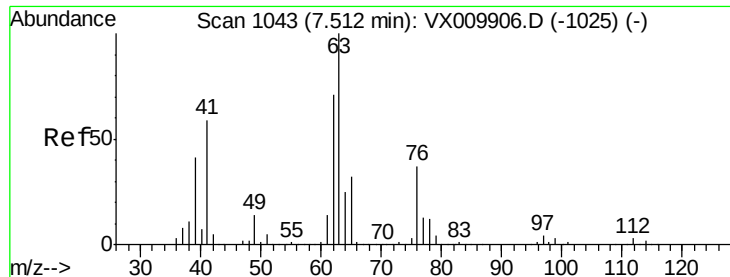
95 92.0 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

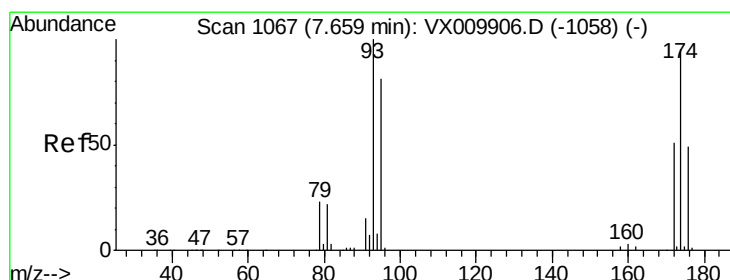
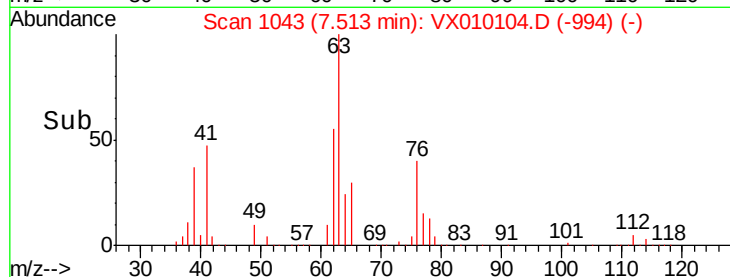
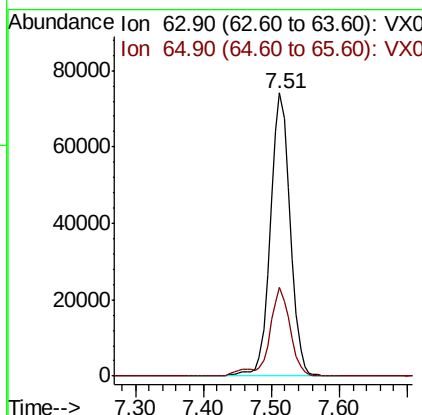
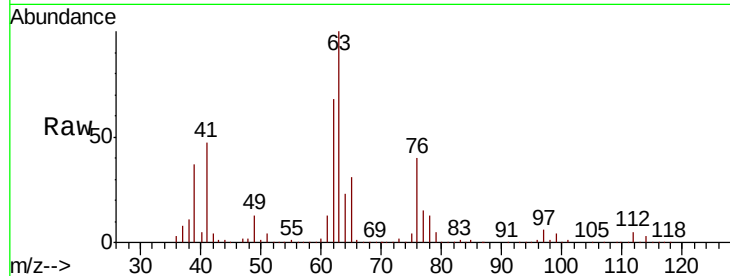




#45
 1,2-Dichloropropane
 Concen: 50.000 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

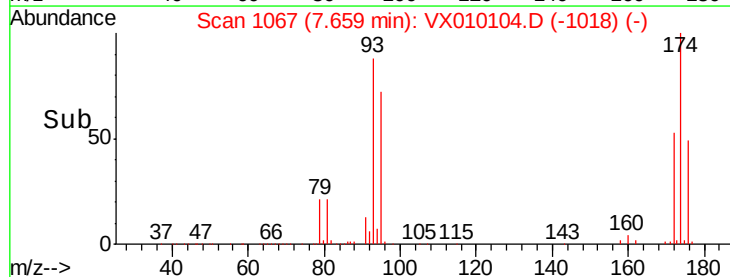
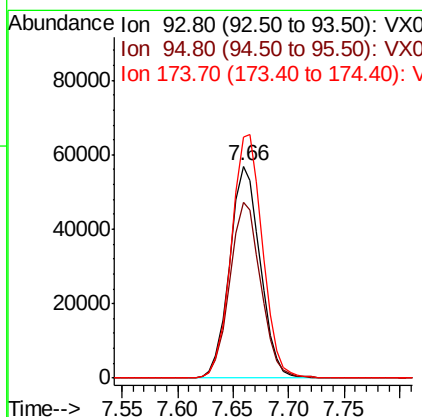
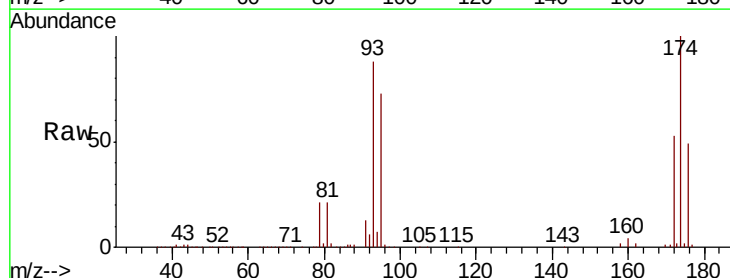
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

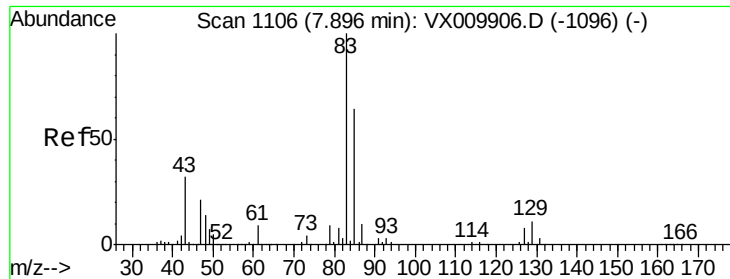
Tgt Ion: 63 Resp: 150359
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.7 38.5



#46
 Dibromomethane
 Concen: 50.000 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

Tgt Ion: 93 Resp: 108272
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.8 100.2
 174 117.1 81.9 122.9





#47

Bromodichloromethane

Concen: 50.000 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

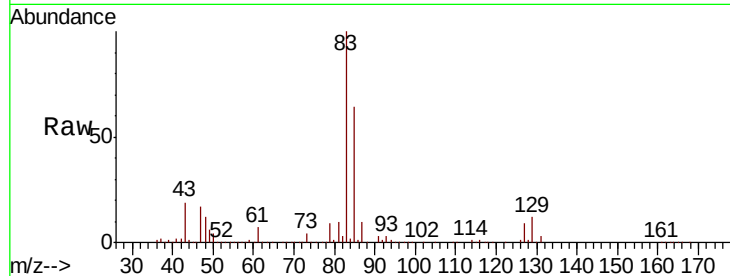
Tgt Ion: 83 Resp: 211150

Ion Ratio Lower Upper

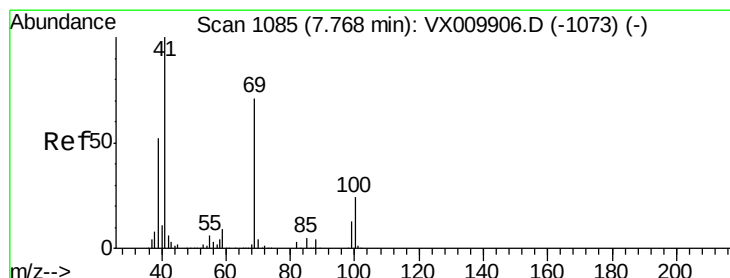
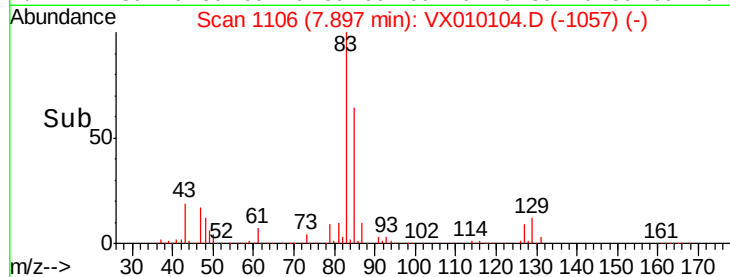
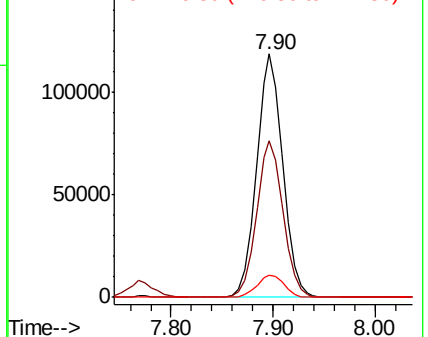
83 100

85 64.3 51.4 77.2

127 9.1 6.4 9.6



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: 50.000 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

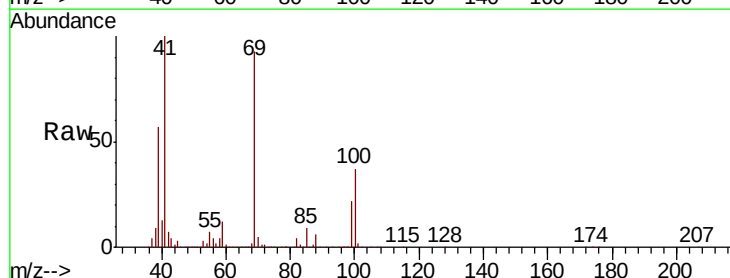
Tgt Ion: 41 Resp: 162485

Ion Ratio Lower Upper

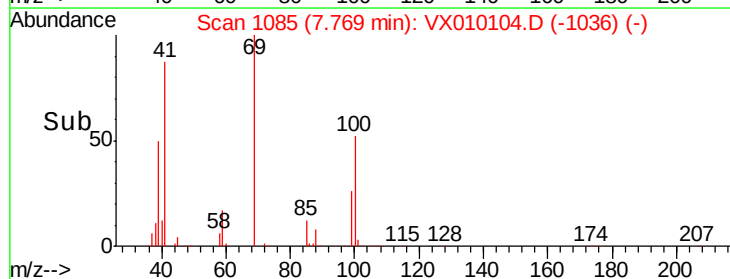
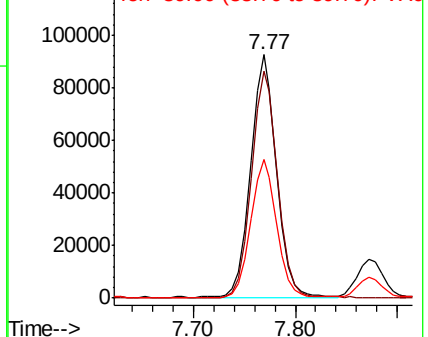
41 100

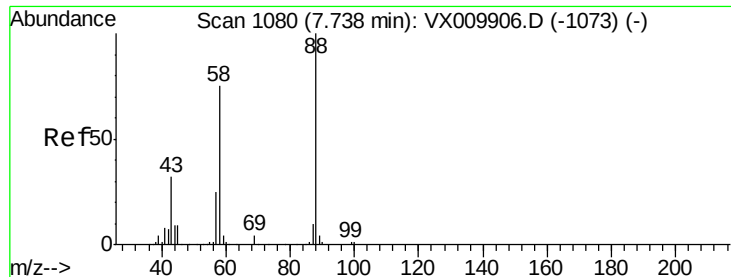
69 94.7 56.4 84.6#

39 57.4 40.6 60.8



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

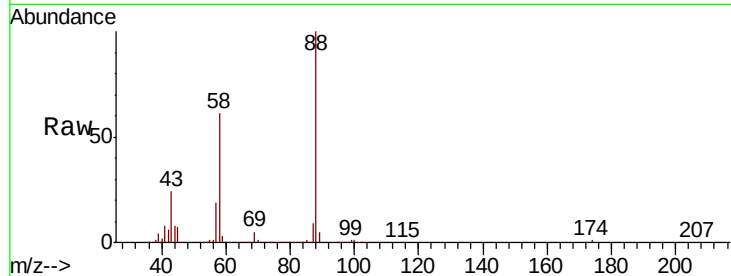




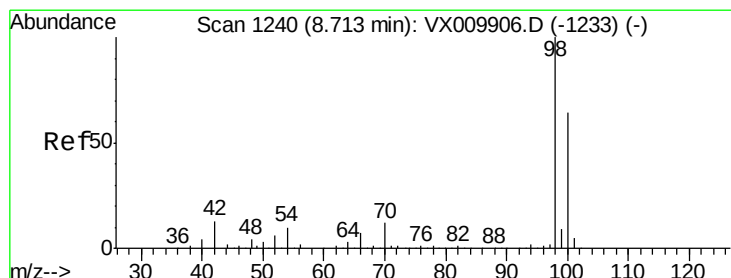
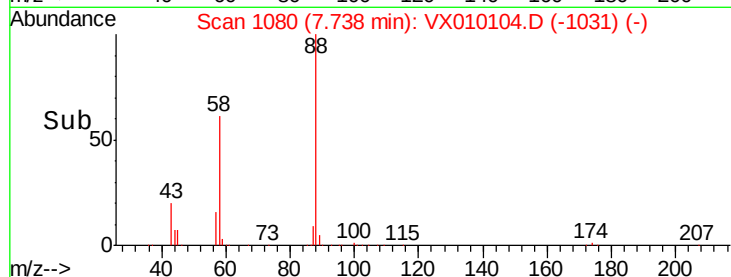
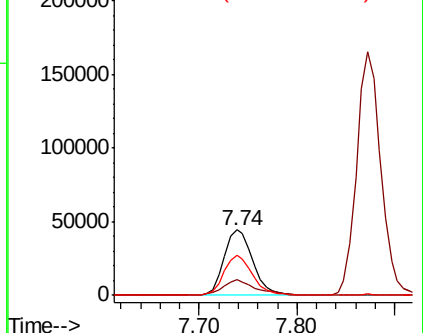
#49
1,4-Dioxane
Concen: 1000.000 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 89368
Ion Ratio Lower Upper
88 100
43 26.4 30.2 45.4#
58 62.5 64.0 96.0#

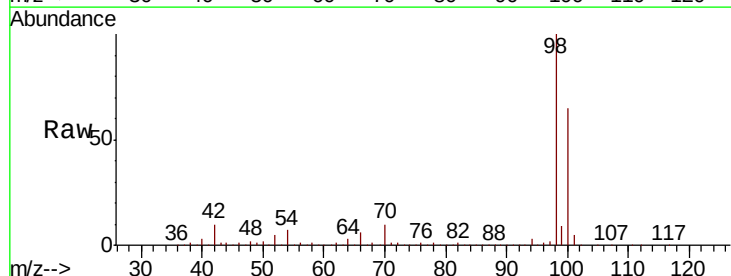


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

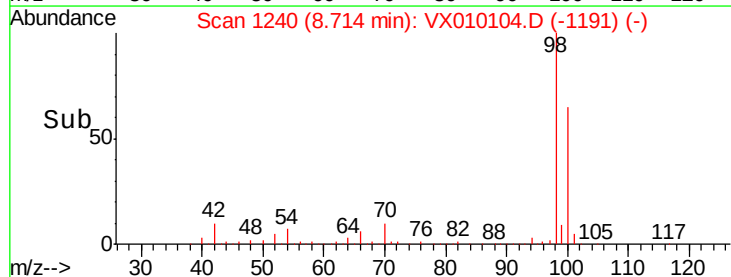
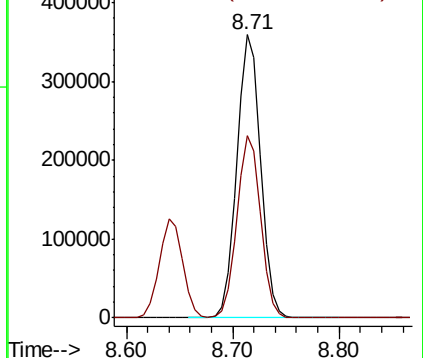


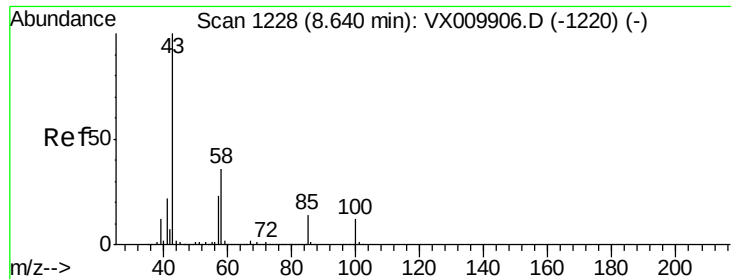
#50
Toluene-d8
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 98 Resp: 562893
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

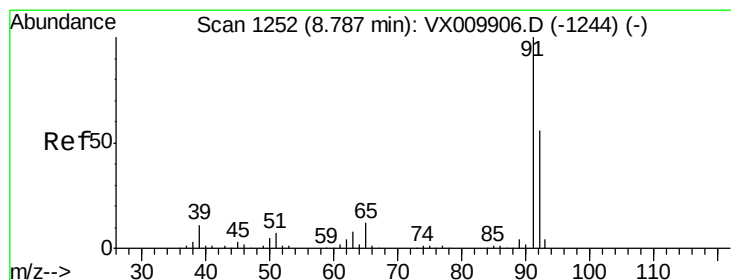
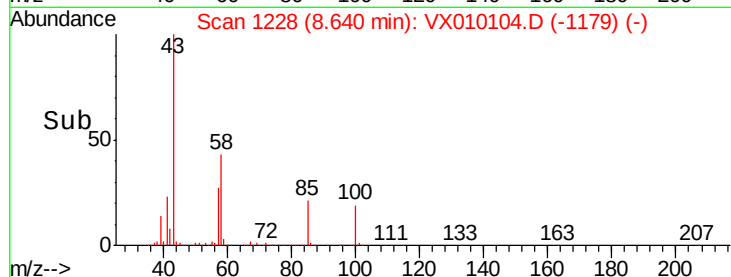
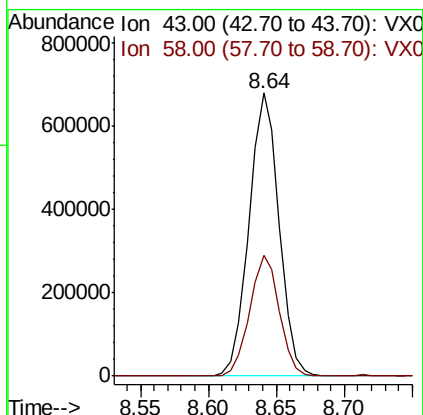
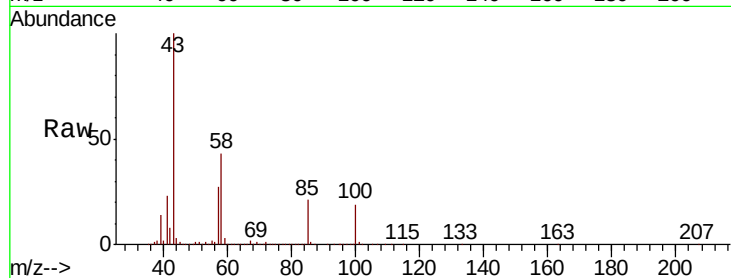




#51
4-Methyl-2-Pentanone
Concen: 250.000 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

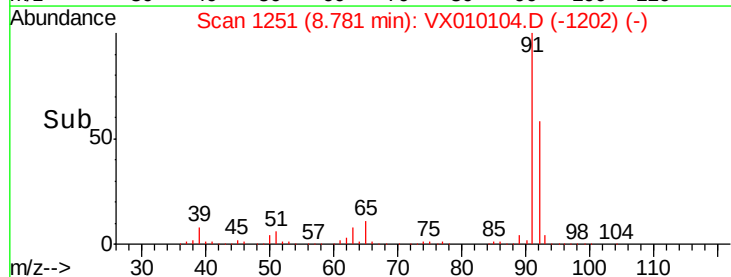
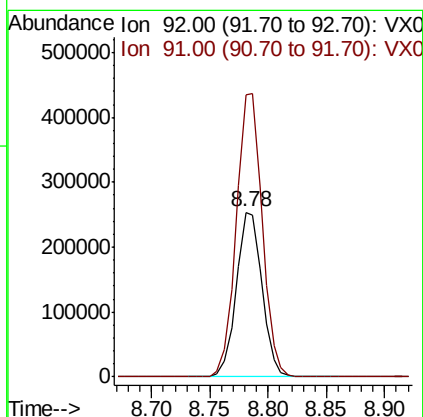
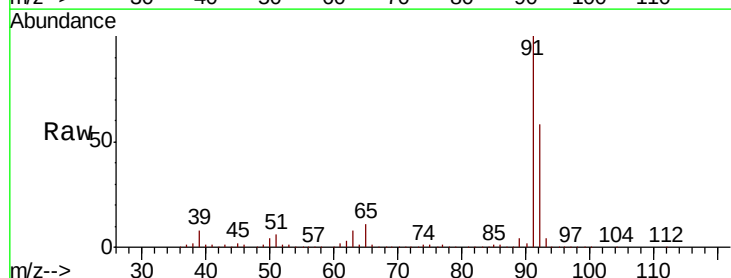
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

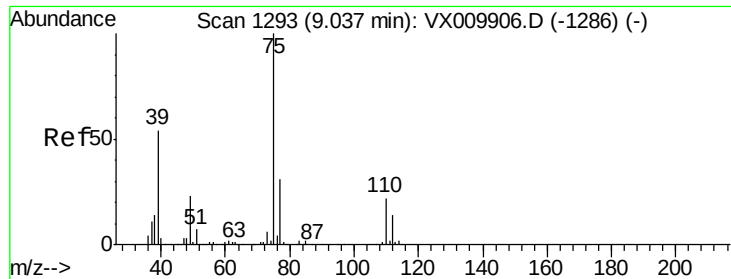
Tgt Ion: 43 Resp: 1047102
Ion Ratio Lower Upper
43 100
58 42.3 28.8 43.2



#52
Toluene
Concen: 50.000 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 92 Resp: 389904
Ion Ratio Lower Upper
92 100
91 174.5 139.9 209.9

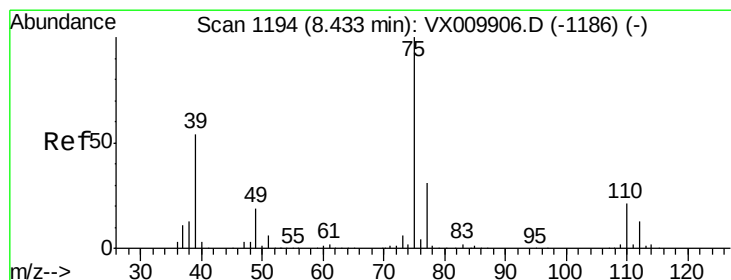
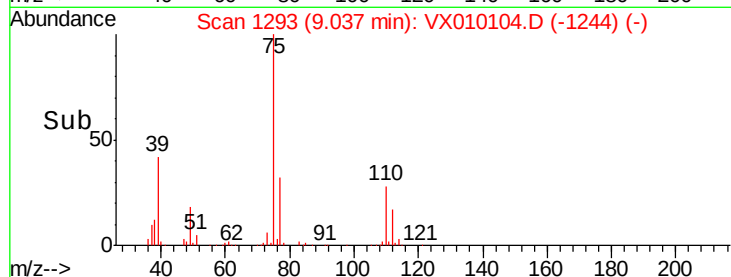
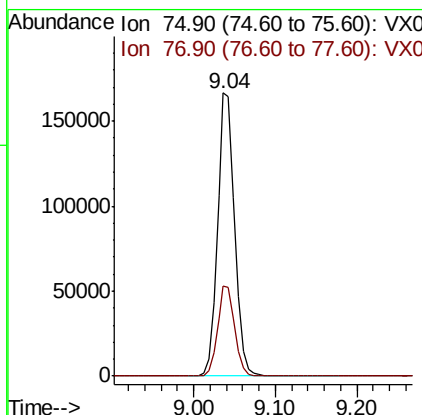
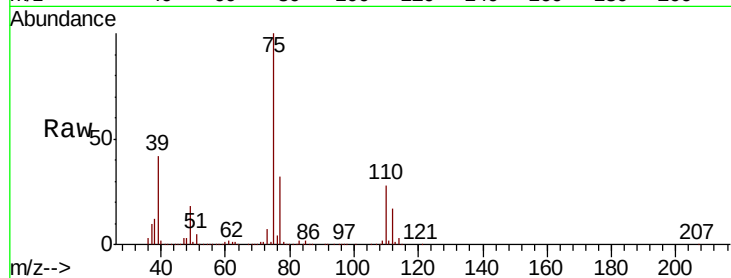




#53
t-1,3-Dichloropropene
Concen: 50.000 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

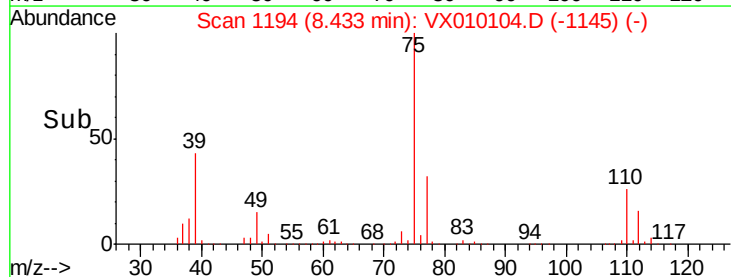
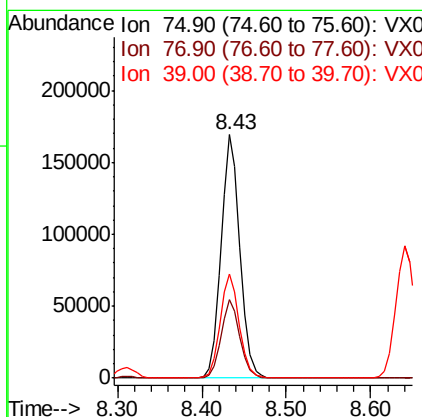
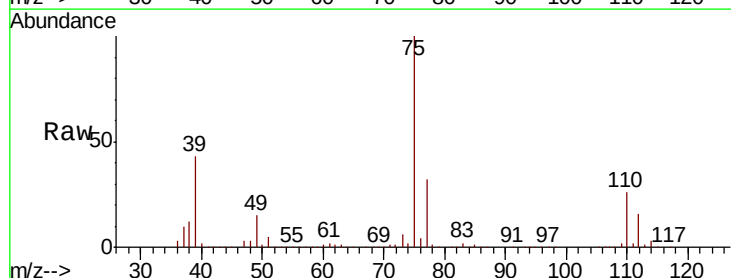
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

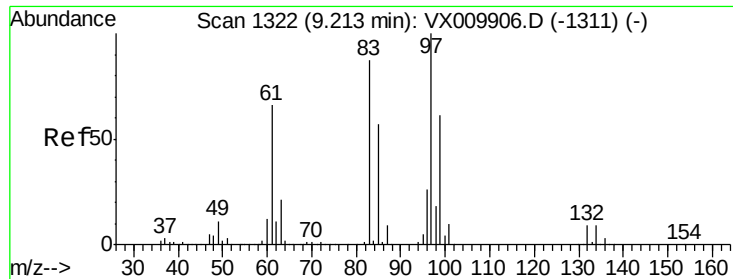
Tgt Ion: 75 Resp: 245237
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 50.000 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 75 Resp: 260095
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 42.7 43.4 65.0#

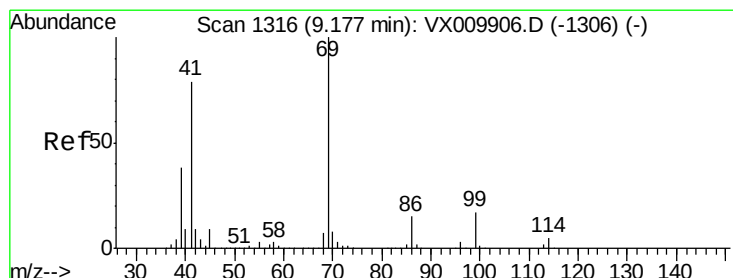
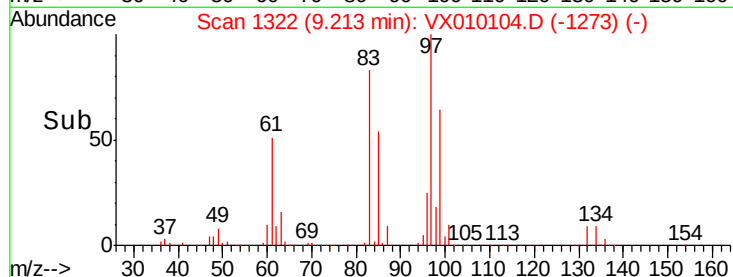
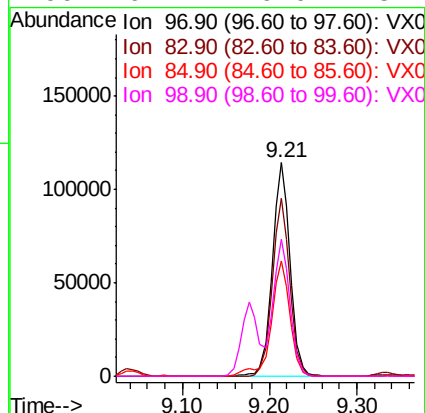
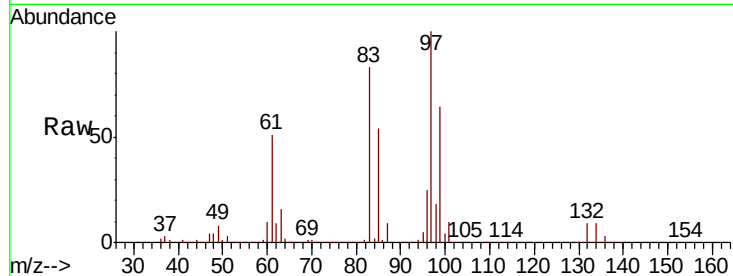




#55
 1,1,2-Trichloroethane
 Concen: 50.000 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

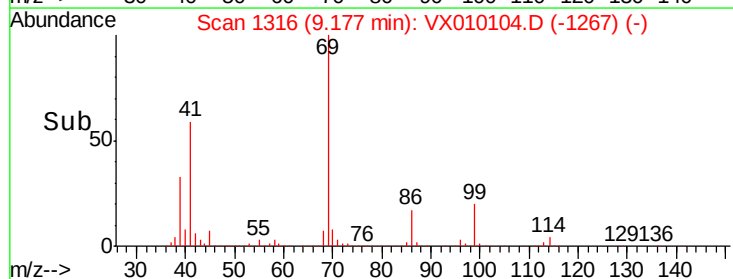
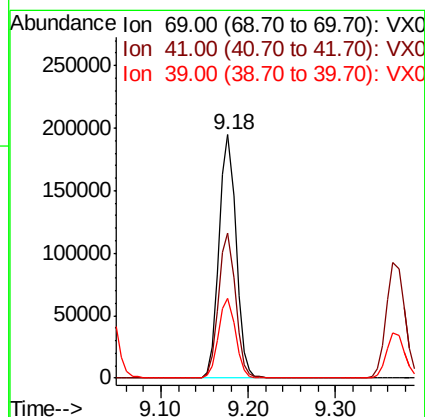
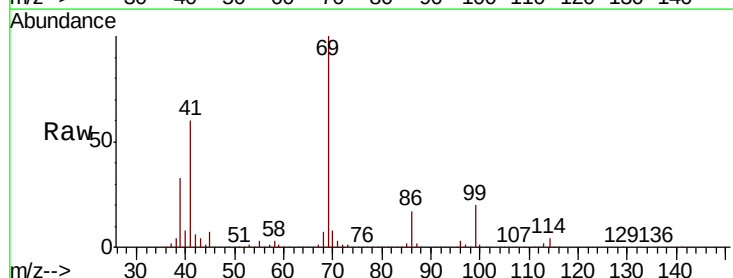
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

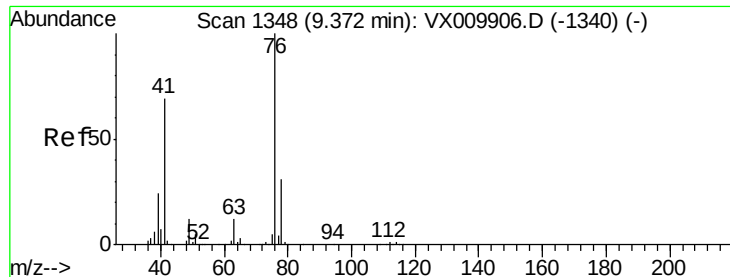
Tgt Ion:	97	Resp:	163204
Ion	Ratio	Lower	Upper
97	100		
83	83.1	69.8	104.8
85	53.9	45.3	67.9
99	64.2	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 50.000 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

Tgt Ion:	69	Resp:	261454
Ion	Ratio	Lower	Upper
69	100		
41	59.1	62.7	94.1#
39	32.4	29.5	44.3





#57

1,3-Dichloropropane

Concen: 50.000 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

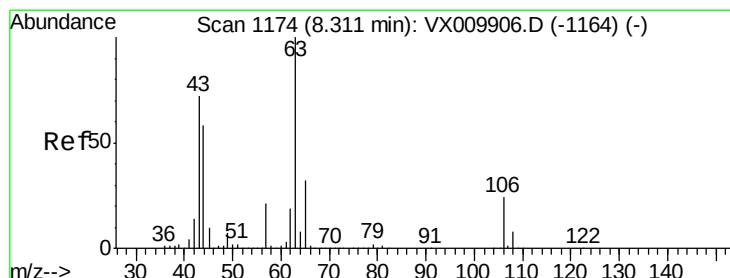
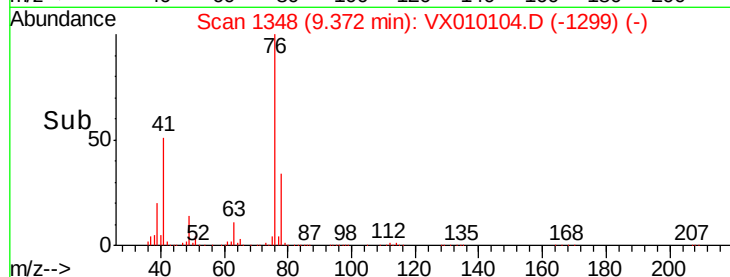
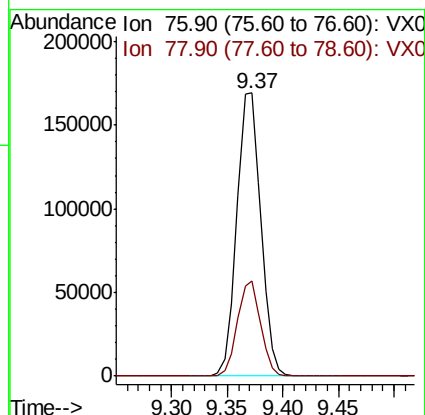
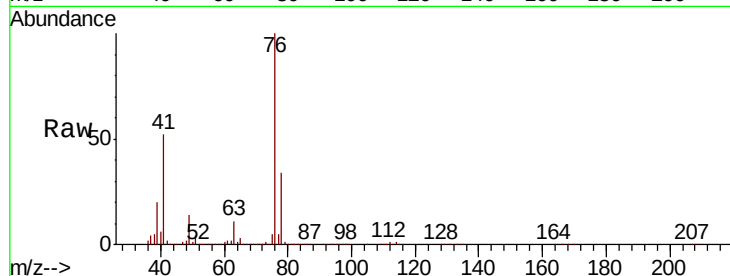
VSTDICCC050

Tgt Ion: 76 Resp: 253370

Ion Ratio Lower Upper

76 100

78 32.7 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 250.000 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010104.D

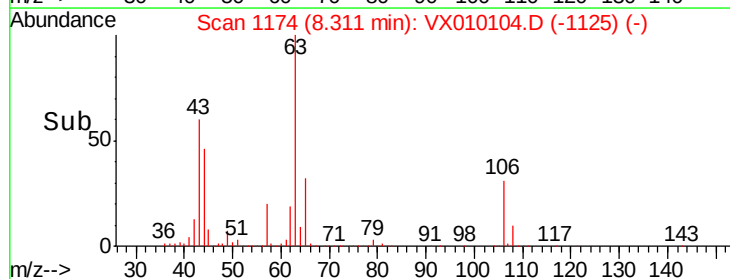
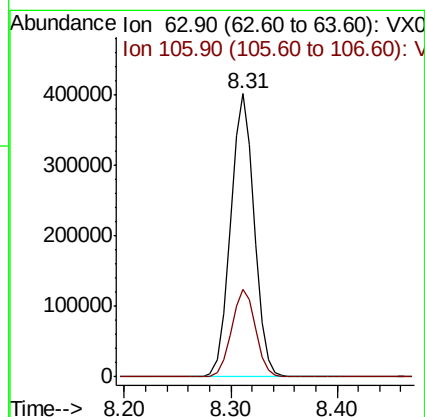
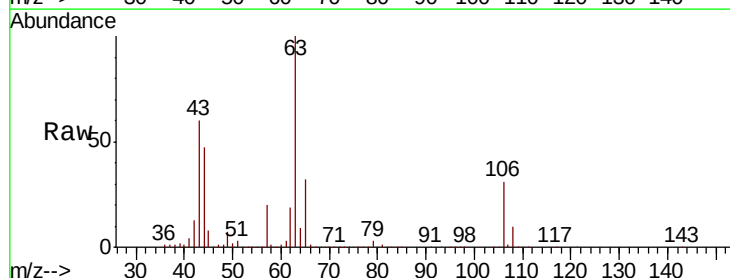
Acq: 07 Jun 2019 12:41

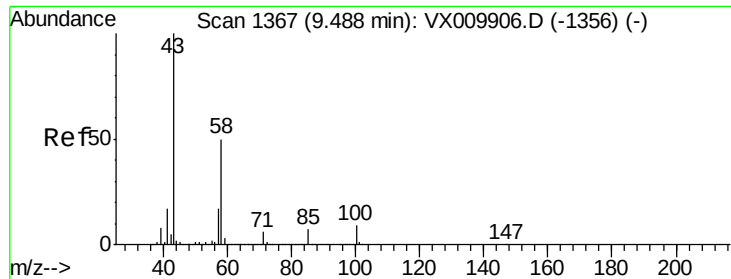
Tgt Ion: 63 Resp: 623933

Ion Ratio Lower Upper

63 100

106 31.2 19.4 29.2#

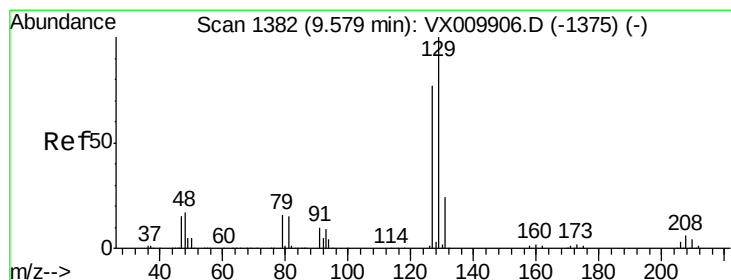
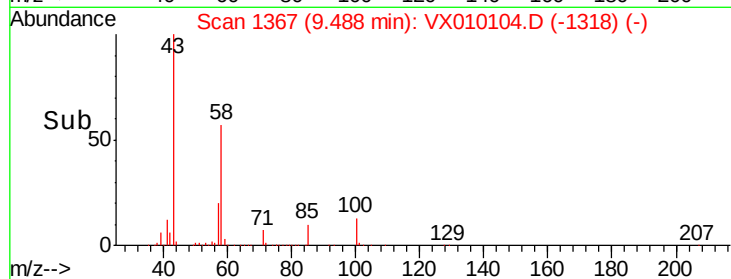
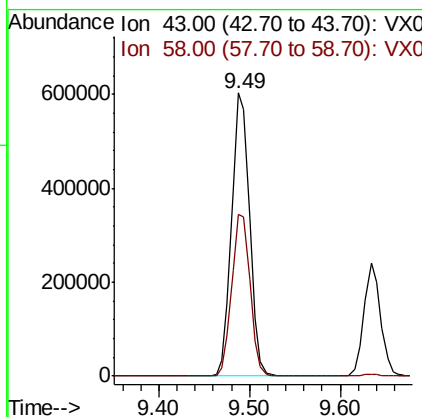
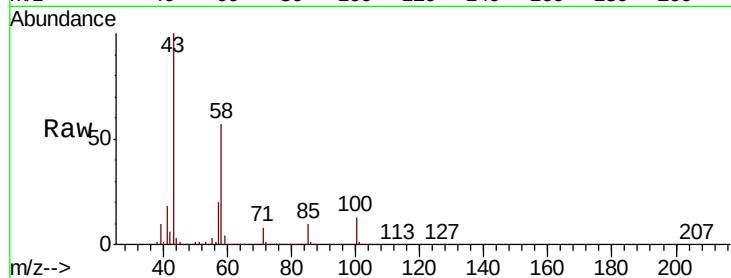




#59
2-Hexanone
Concen: 250.000 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

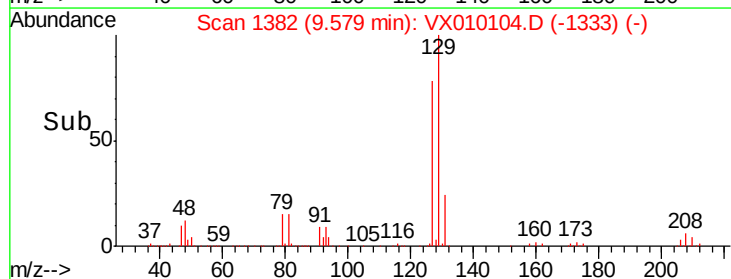
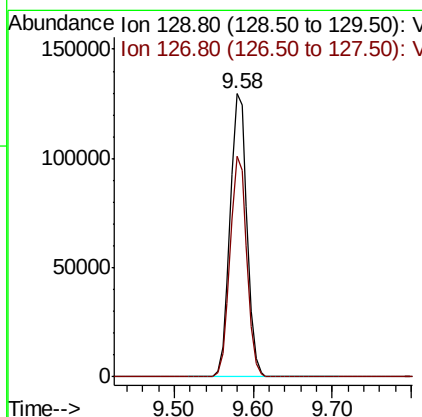
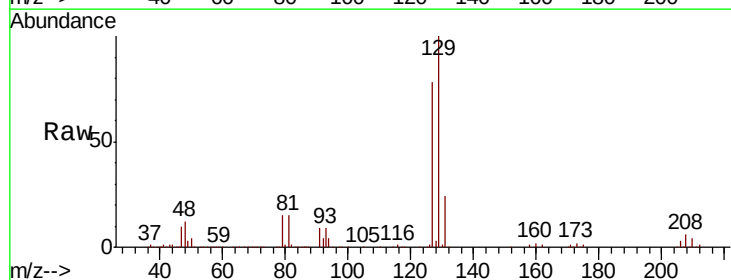
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

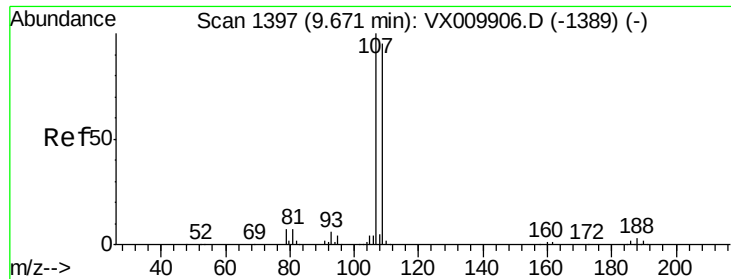
Tgt Ion: 43 Resp: 828571
Ion Ratio Lower Upper
43 100
58 58.5 25.1 75.3



#60
Dibromochloromethane
Concen: 50.000 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 129 Resp: 193004
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.000 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

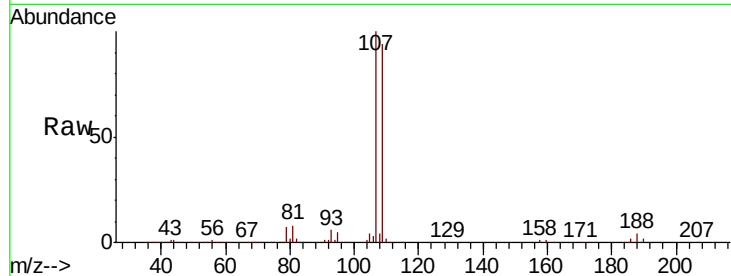
VSTDICCC050

Tgt Ion: 107 Resp: 179025

Ion Ratio Lower Upper

107 100

109 94.1 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

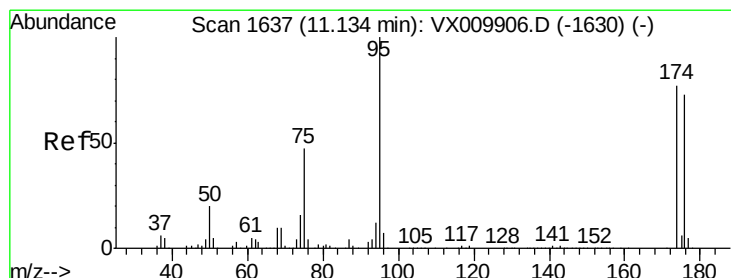
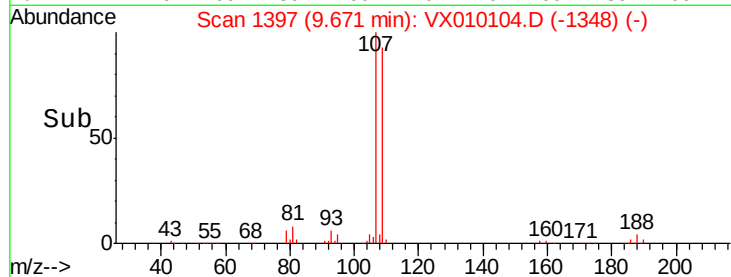
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.000 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

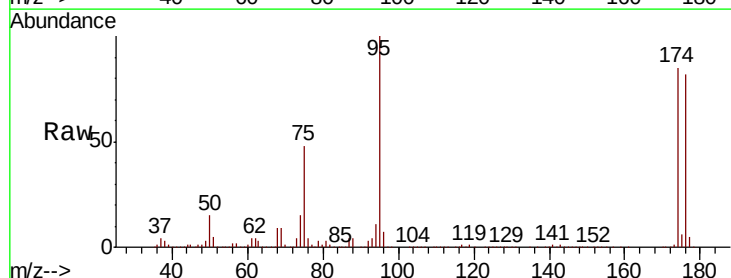
Tgt Ion: 95 Resp: 210675

Ion Ratio Lower Upper

95 100

174 88.0 0.0 160.4

176 85.2 0.0 154.6



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

11.13

200000

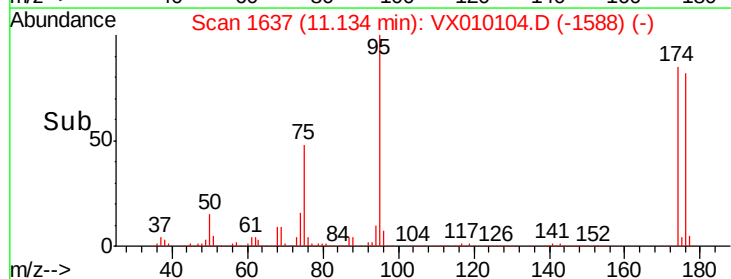
150000

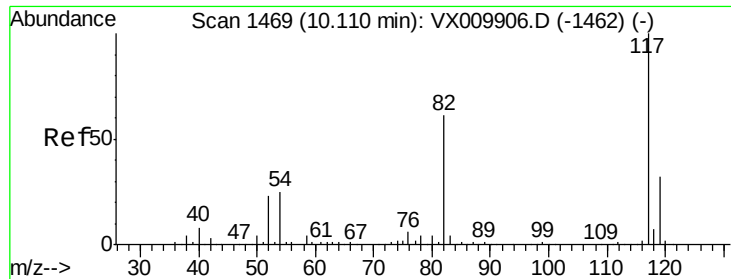
100000

50000

0

Time-->

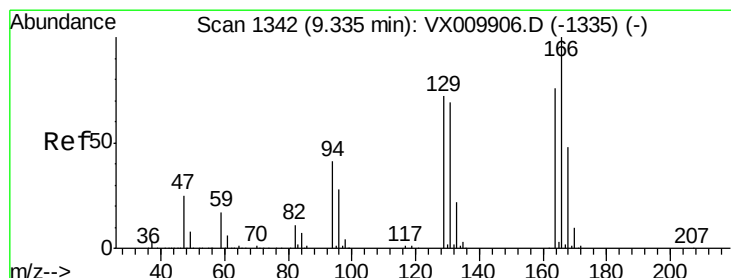
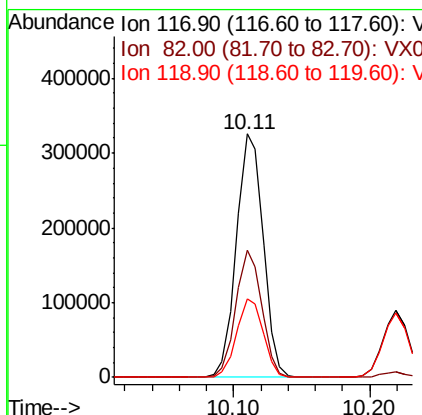
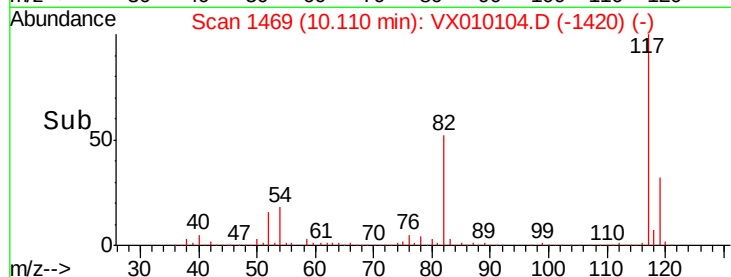
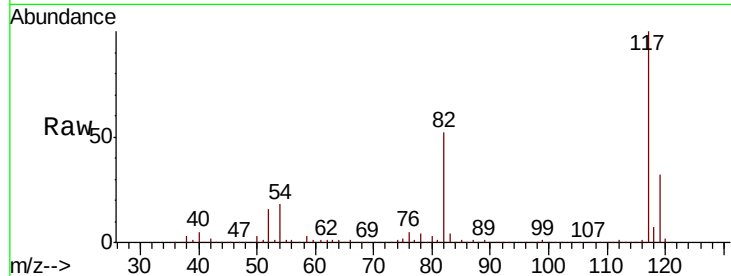




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

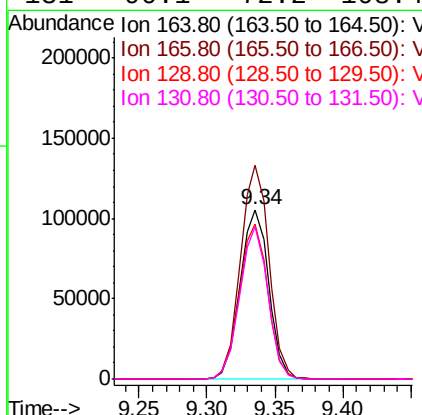
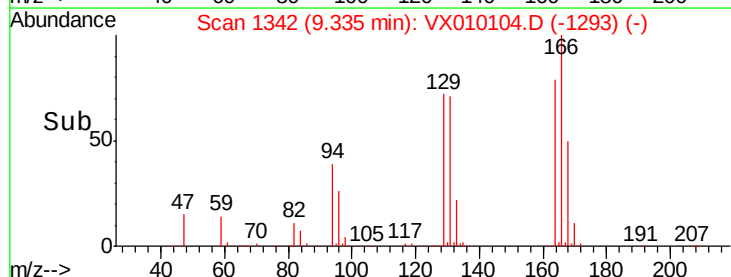
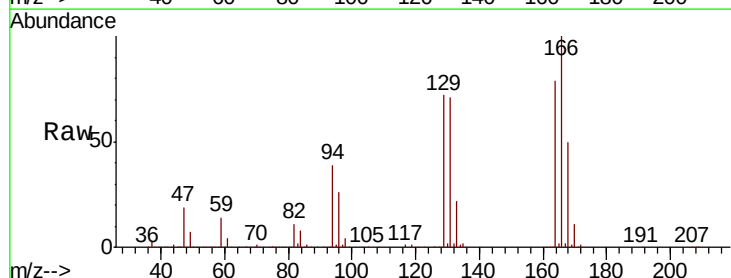
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

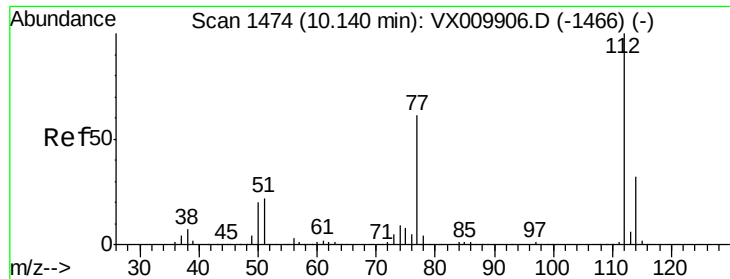
Tgt Ion:117 Resp: 446367
Ion Ratio Lower Upper
117 100
82 52.3 49.2 73.8
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 50.000 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion:164 Resp: 155284
Ion Ratio Lower Upper
164 100
166 126.4 105.0 157.4
129 91.4 75.1 112.7
131 90.1 72.2 108.4

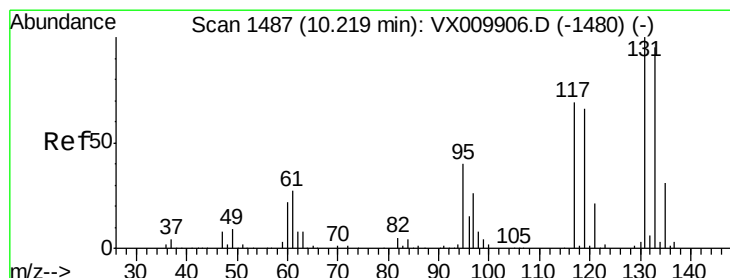
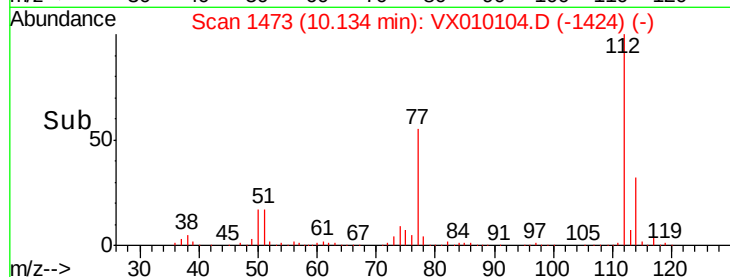
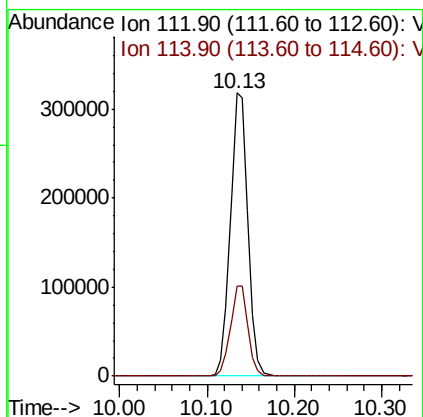
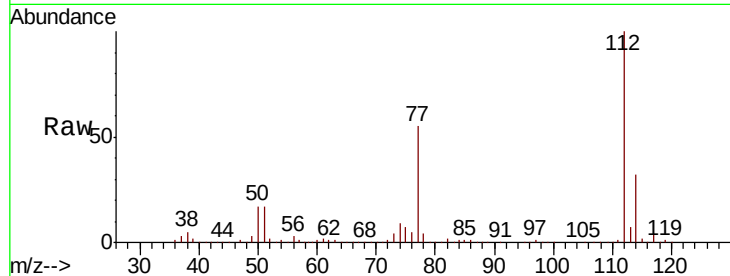




#65
Chlorobenzene
Concen: 50.000 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

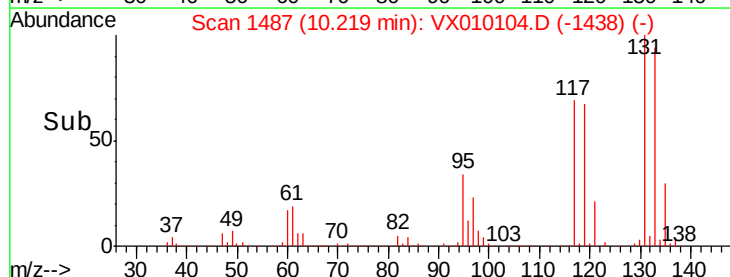
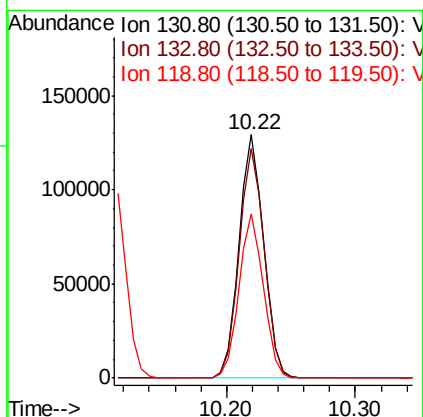
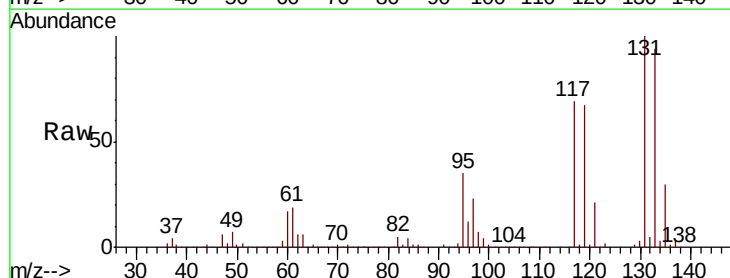
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

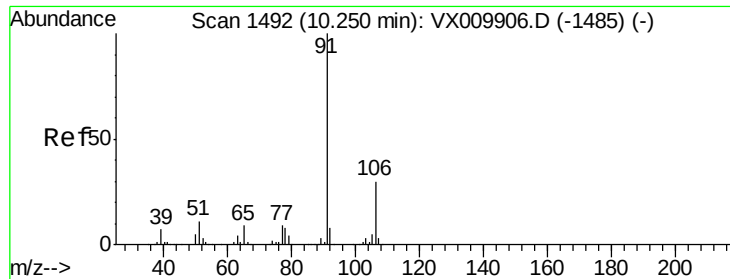
Tgt Ion:112 Resp: 444694
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.000 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion:131 Resp: 171360
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 67.0 33.4 100.1





#67

Ethyl Benzene

Concen: 50.000 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

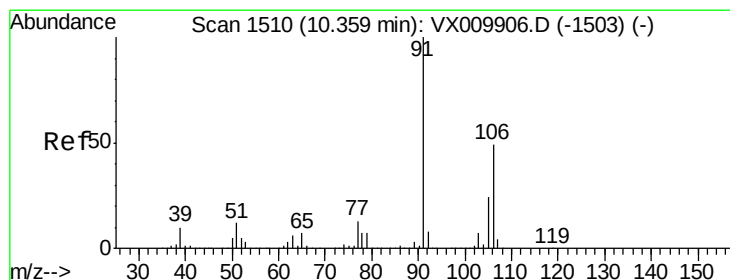
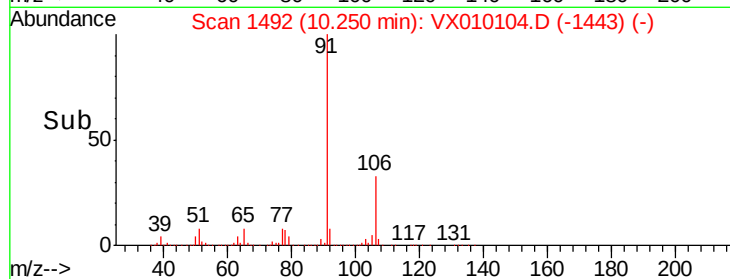
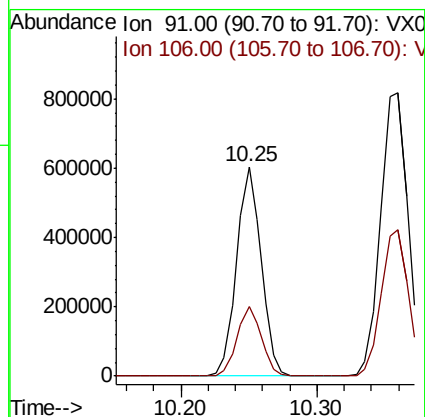
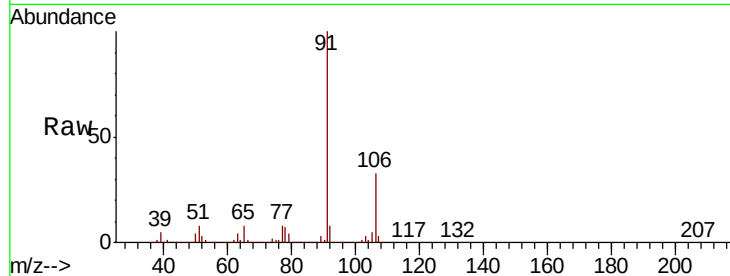
VSTDICCC050

Tgt Ion: 91 Resp: 758030

Ion Ratio Lower Upper

91 100

106 33.1 23.9 35.9



#68

m/p-Xylenes

Concen: 100.000 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010104.D

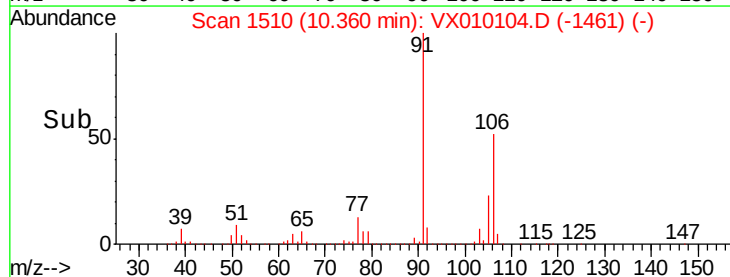
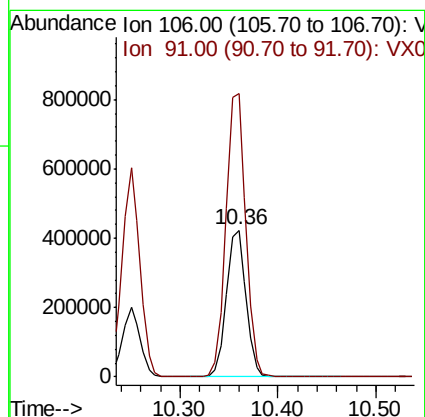
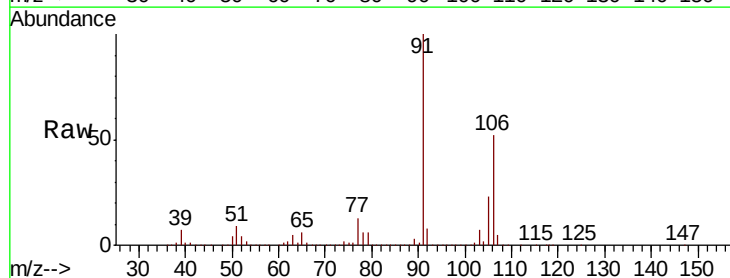
Acq: 07 Jun 2019 12:41

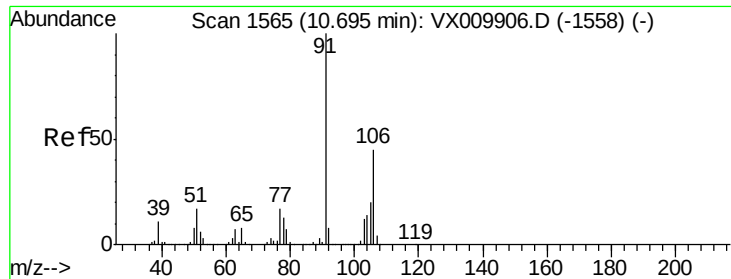
Tgt Ion: 106 Resp: 586760

Ion Ratio Lower Upper

106 100

91 195.4 167.3 250.9

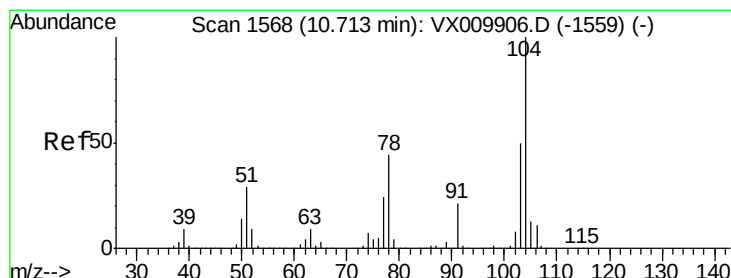
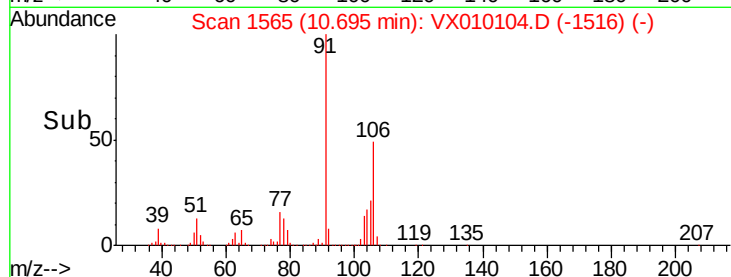
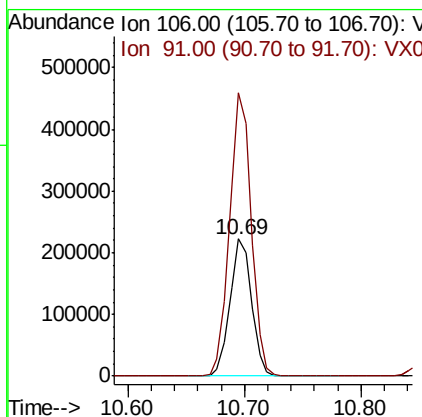
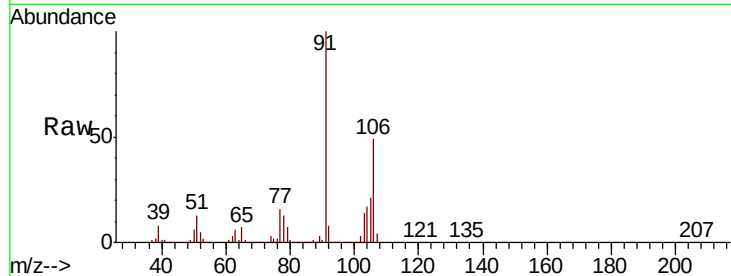




#69
o-Xylene
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

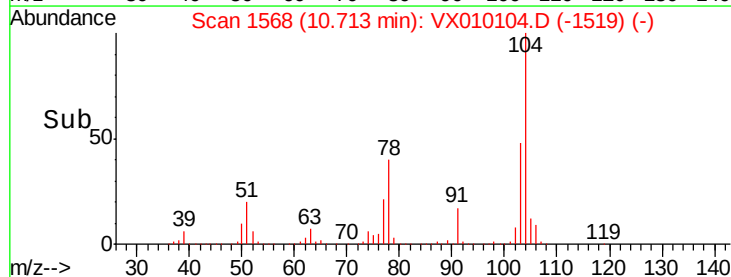
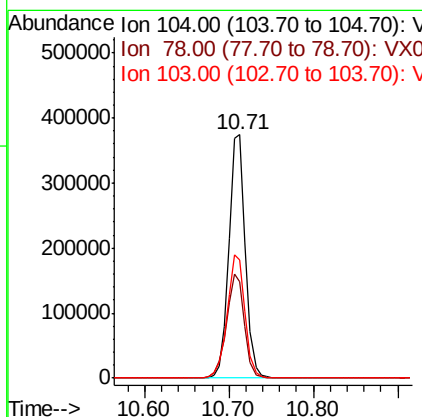
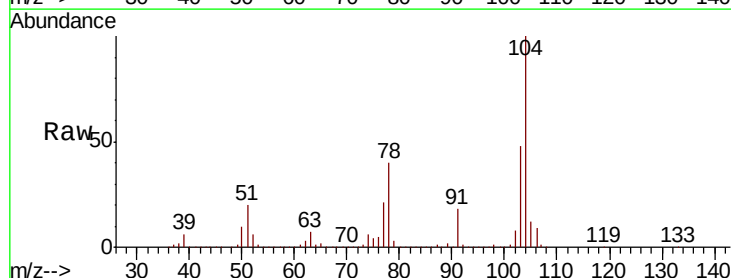
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

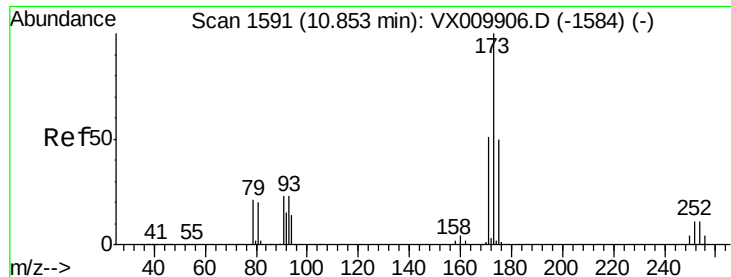
Tgt Ion:106 Resp: 288506
Ion Ratio Lower Upper
106 100
91 206.3 110.4 331.2



#70
Styrene
Concen: 50.000 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion:104 Resp: 501406
Ion Ratio Lower Upper
104 100
78 46.6 42.1 63.1
103 54.5 44.1 66.1





#71

Bromoform

Concen: 50.000 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

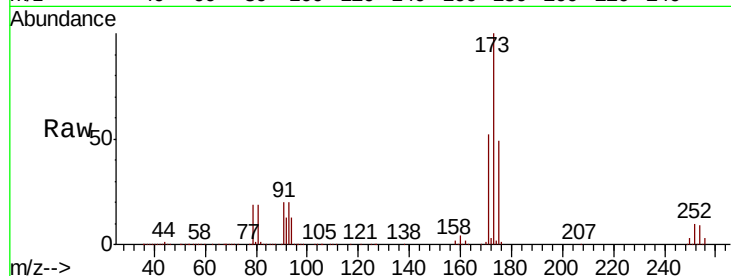
Tgt Ion:173 Resp: 158985

Ion Ratio Lower Upper

173 100

175 49.0 25.0 75.0

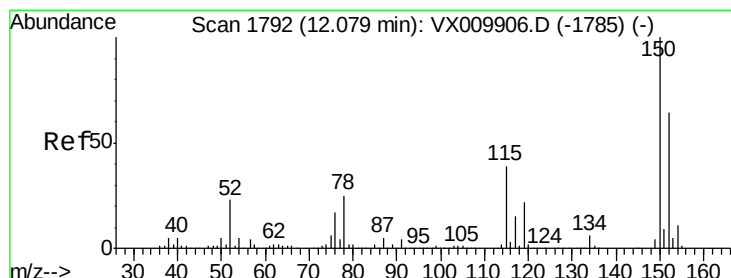
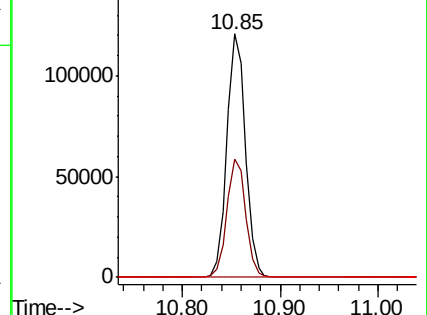
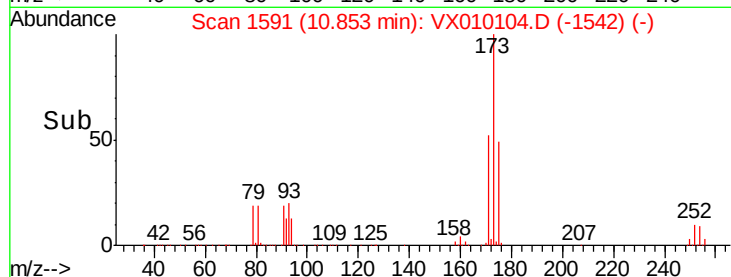
254 0.1 0.2 0.2#



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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

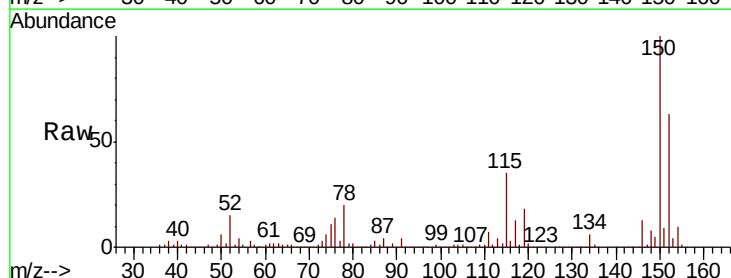
Tgt Ion:152 Resp: 223347

Ion Ratio Lower Upper

152 100

115 78.1 41.4 124.2

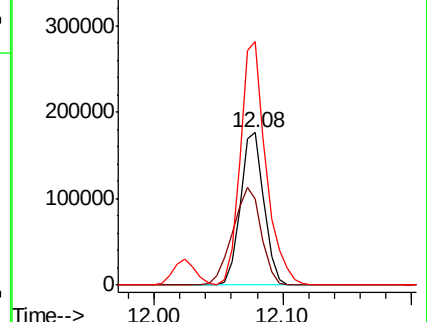
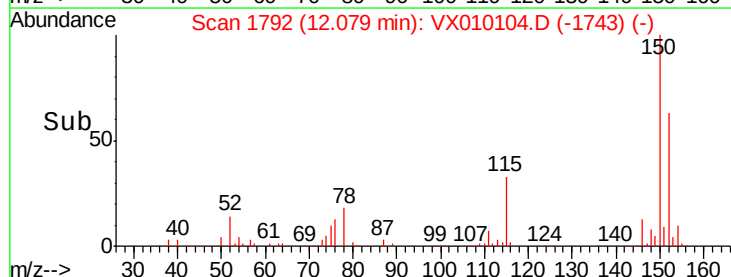
150 173.2 0.0 345.2

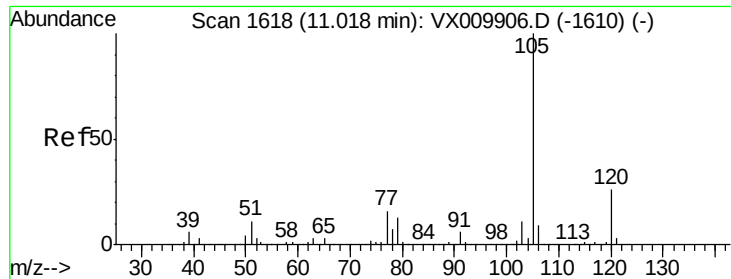


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.000 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

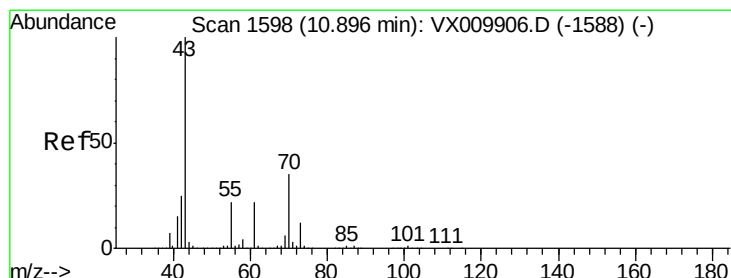
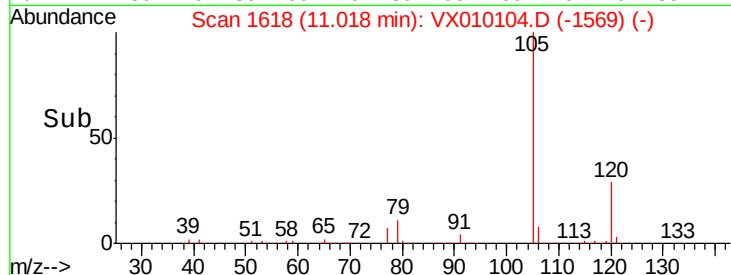
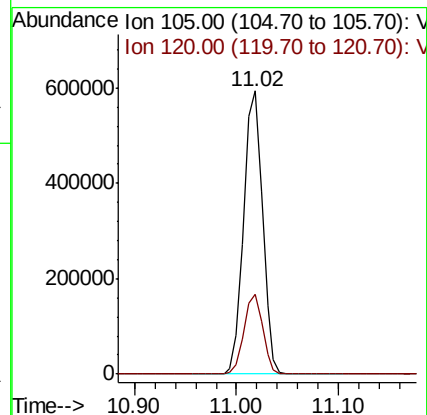
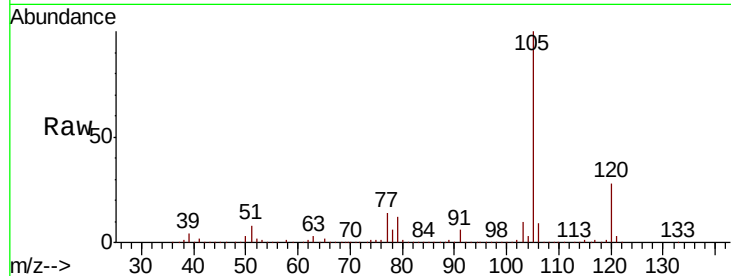
VSTDICCC050

Tgt Ion: 105 Resp: 755560

Ion Ratio Lower Upper

105 100

120 28.0 12.8 38.4



#74

N-ethyl acetate

Concen: 50.000 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Tgt Ion: 43 Resp: 301468

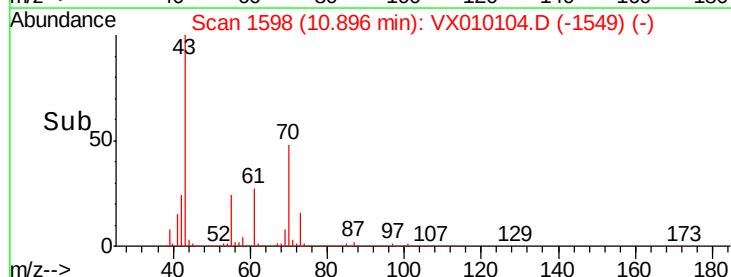
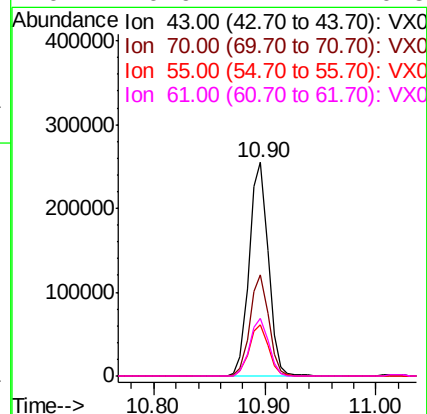
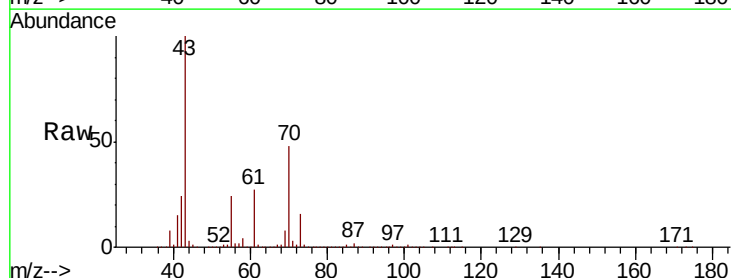
Ion Ratio Lower Upper

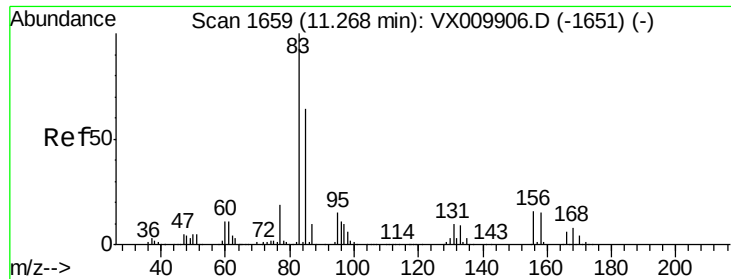
43 100

70 46.5 28.6 43.0#

55 24.0 17.8 26.8

61 26.9 17.7 26.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 50.000 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

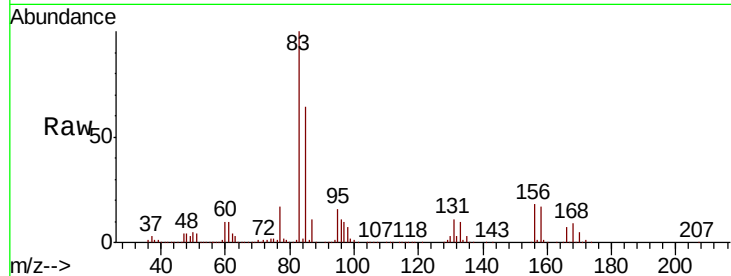
Tgt Ion: 83 Resp: 255781

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

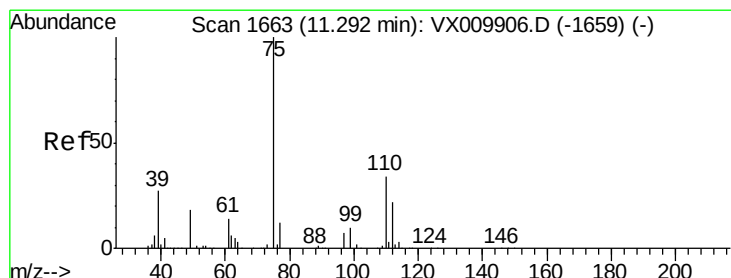
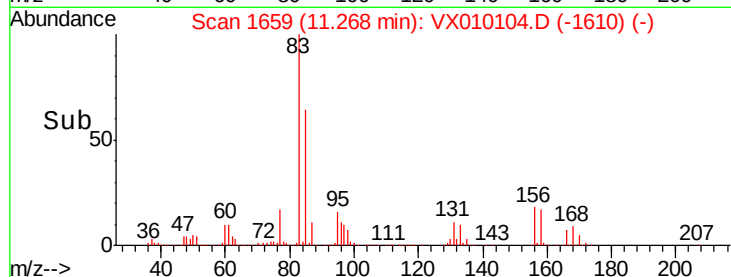
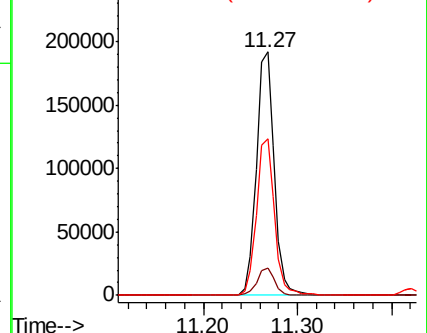
85 64.9 31.9 95.9



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: 70.738 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010104.D

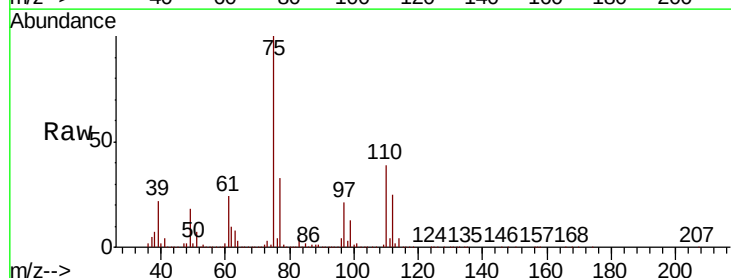
Acq: 07 Jun 2019 12:41

Tgt Ion: 75 Resp: 302198

Ion Ratio Lower Upper

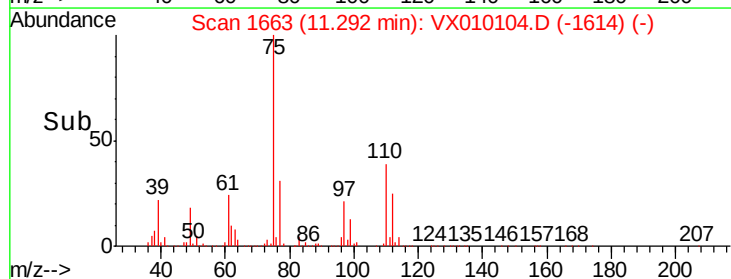
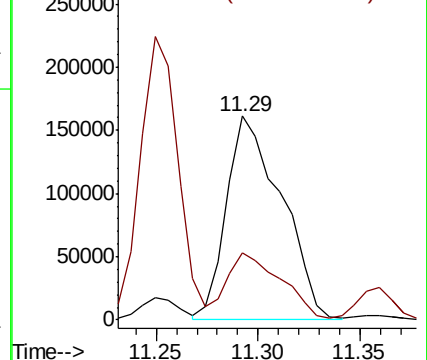
75 100

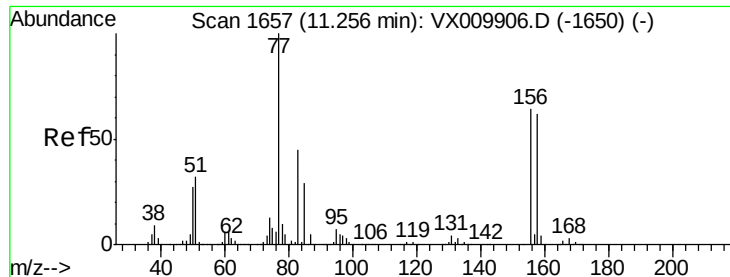
77 32.4 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.000 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

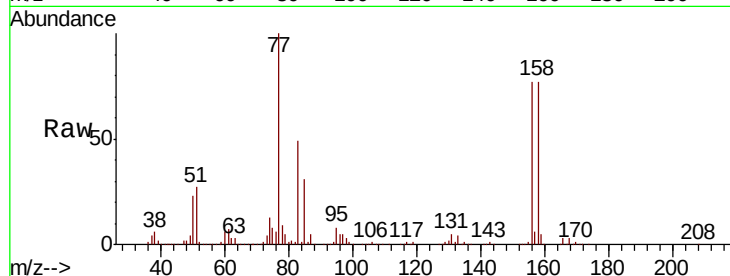
Tgt Ion:156 Resp: 206666

Ion Ratio Lower Upper

156 100

77 139.7 86.8 260.3

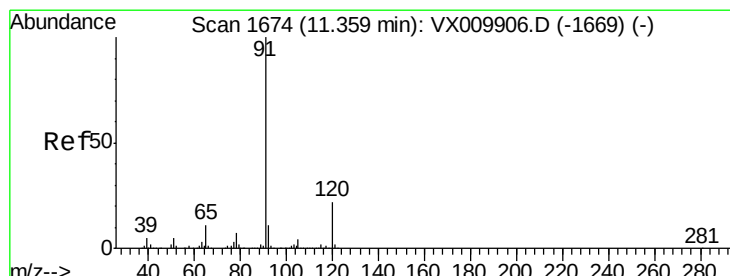
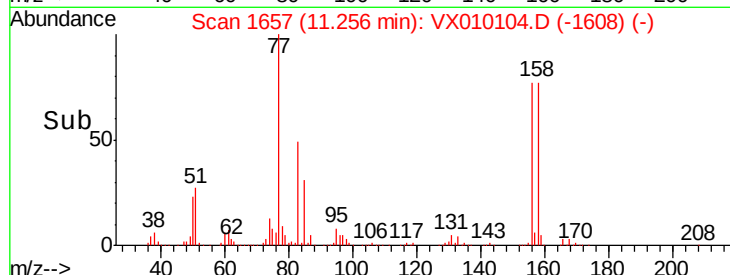
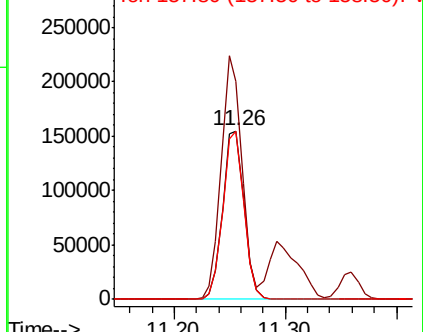
158 97.6 49.6 148.8



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: 50.000 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010104.D

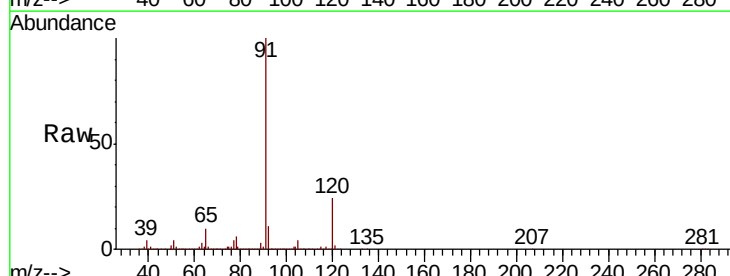
Acq: 07 Jun 2019 12:41

Tgt Ion: 91 Resp: 848658

Ion Ratio Lower Upper

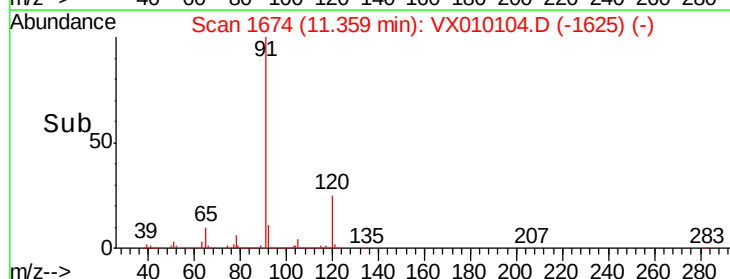
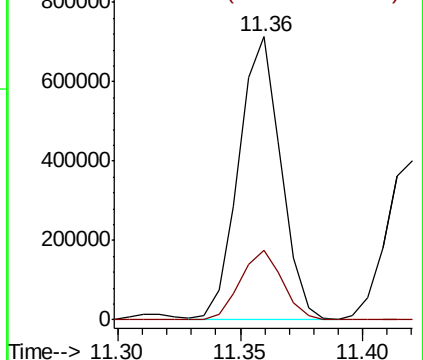
91 100

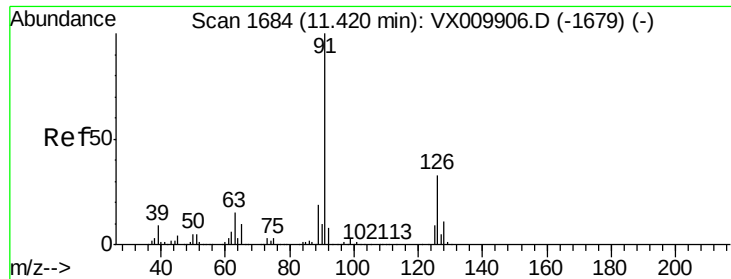
120 24.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.000 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

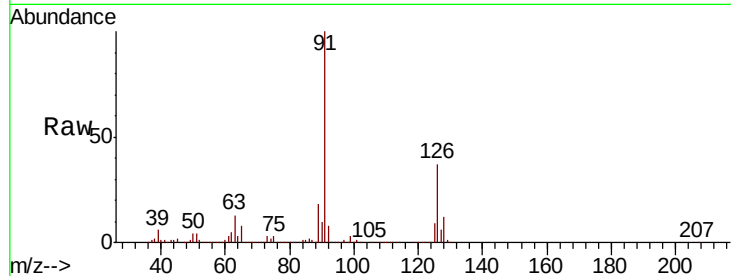
VSTDICCC050

Tgt Ion: 91 Resp: 504732

Ion Ratio Lower Upper

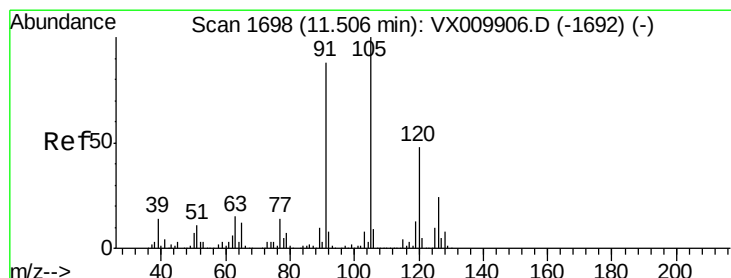
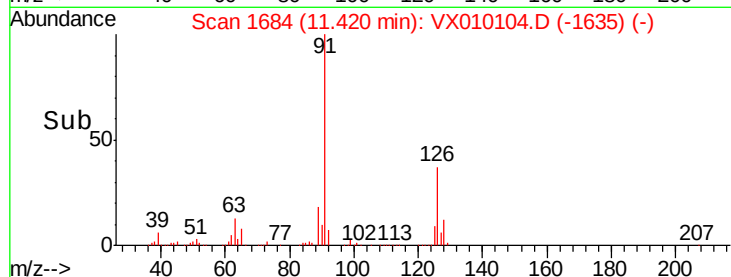
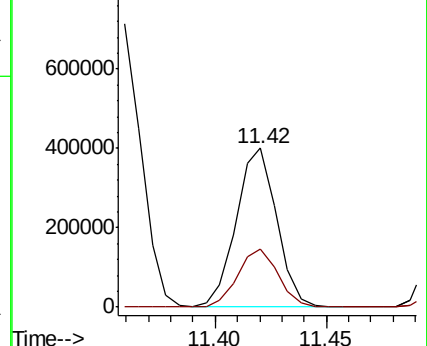
91 100

126 36.7 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.000 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010104.D

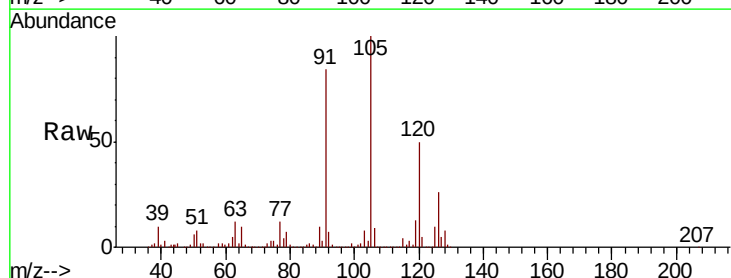
Acq: 07 Jun 2019 12:41

Tgt Ion: 105 Resp: 632148

Ion Ratio Lower Upper

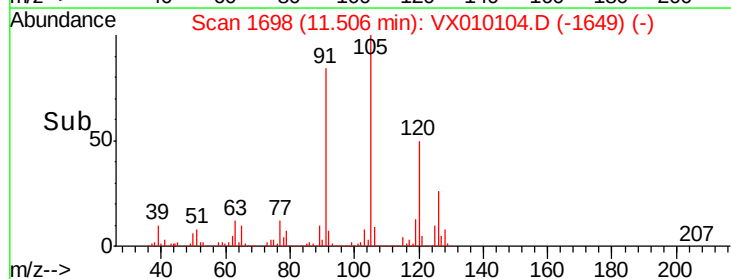
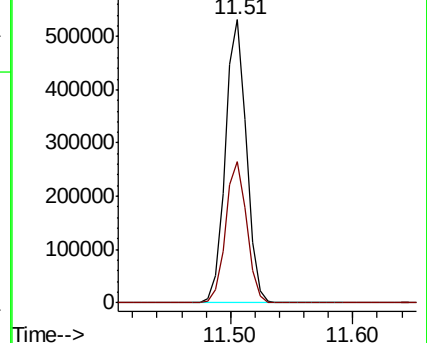
105 100

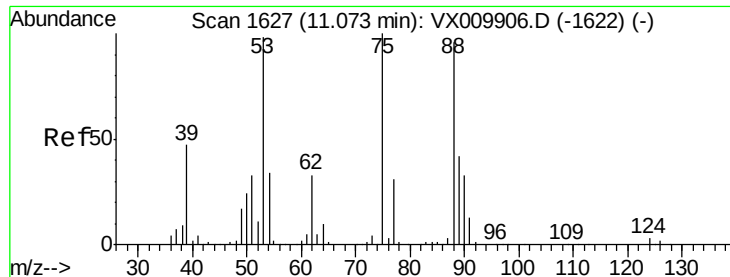
120 50.3 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.000 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

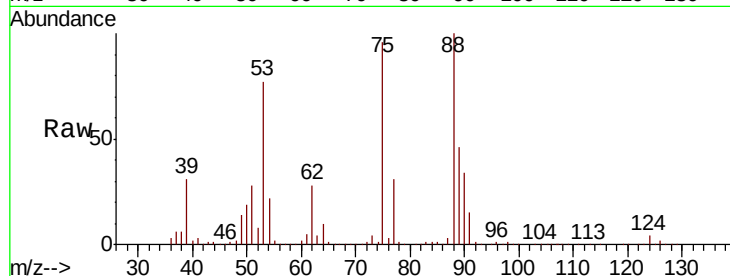
Tgt Ion: 75 Resp: 99585

Ion Ratio Lower Upper

75 100

53 79.7 79.8 119.6#

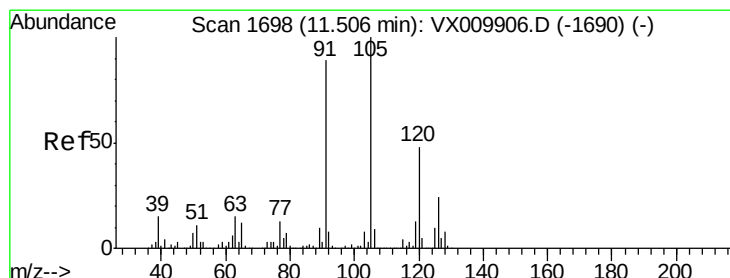
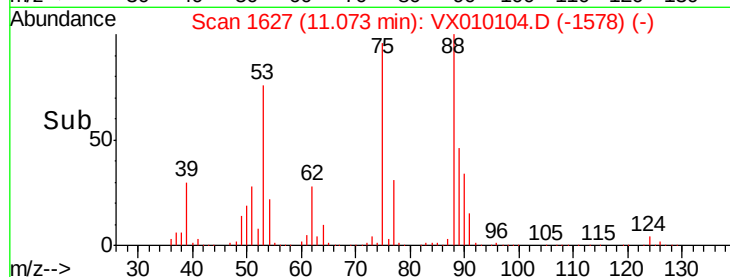
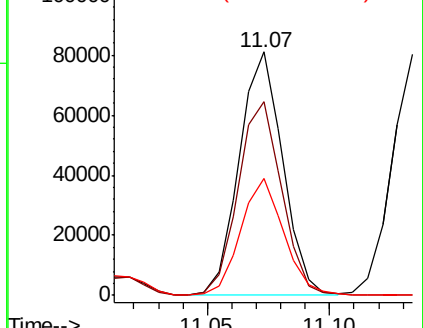
89 48.3 34.2 51.4



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: 50.000 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010104.D

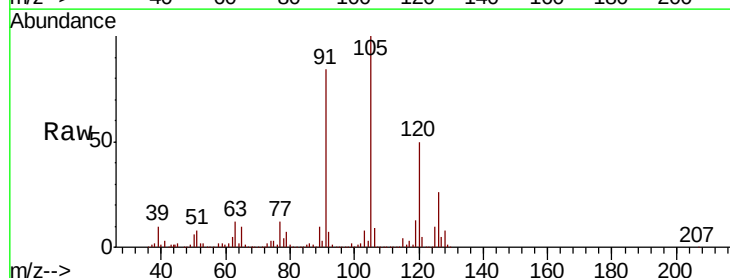
Acq: 07 Jun 2019 12:41

Tgt Ion: 91 Resp: 583630

Ion Ratio Lower Upper

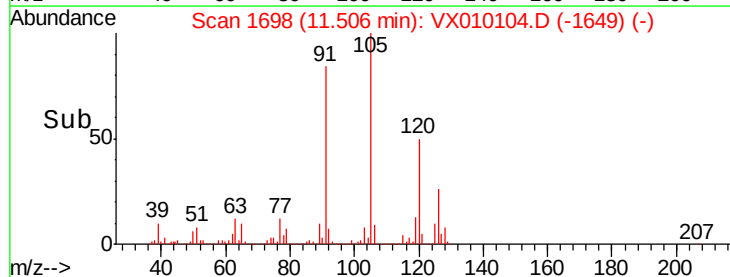
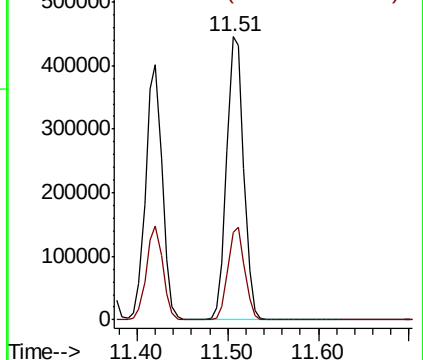
91 100

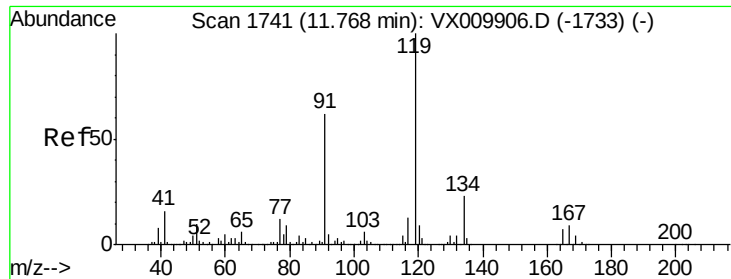
126 32.0 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

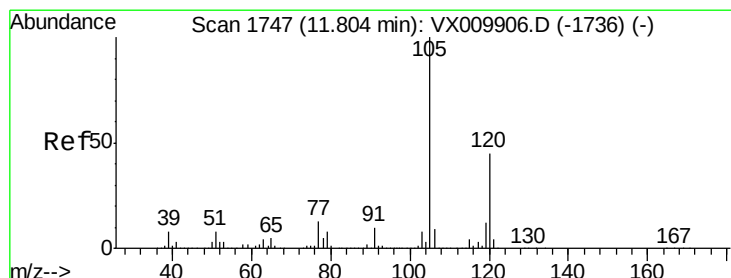
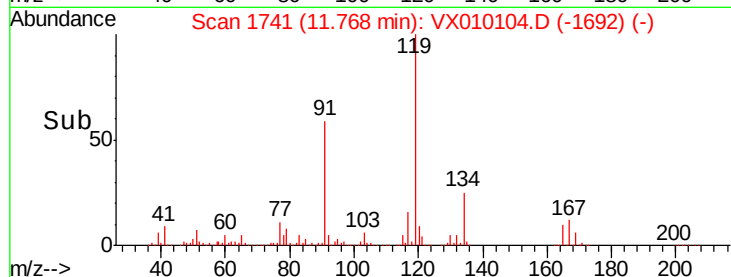
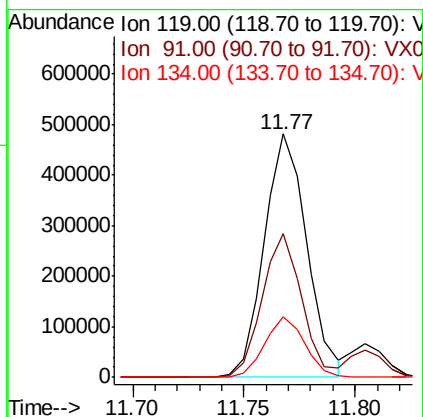
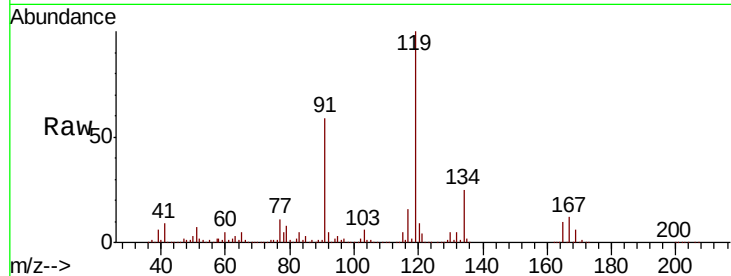




#83
 tert-Butylbenzene
 Concen: 50.000 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

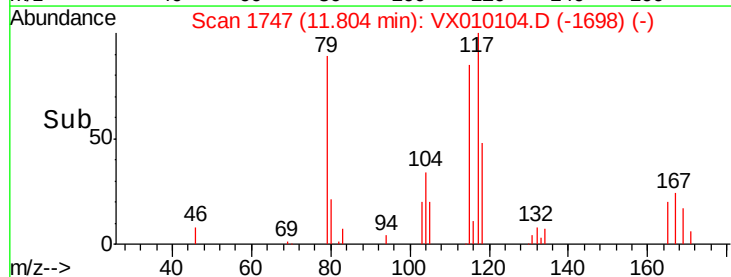
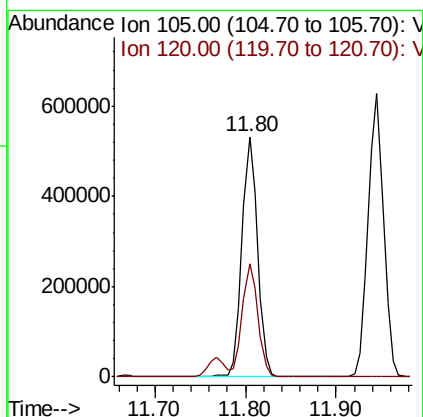
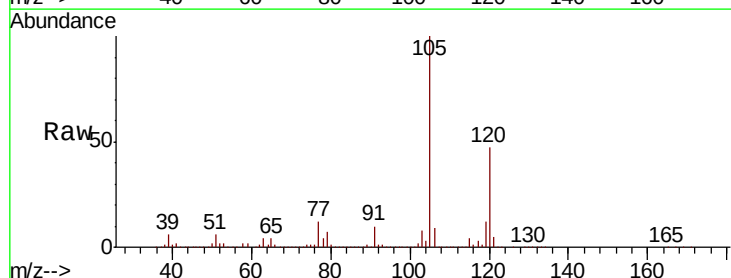
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

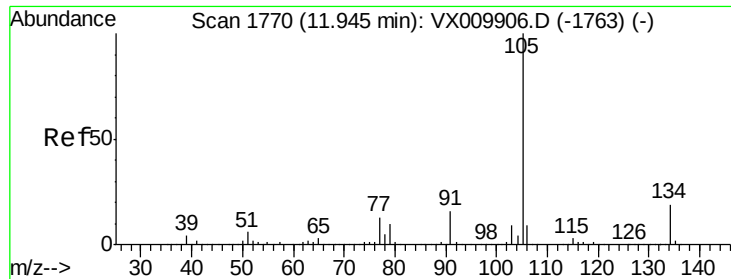
Tgt Ion:119 Resp: 639394
 Ion Ratio Lower Upper
 119 100
 91 55.2 30.0 90.0
 134 23.2 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 50.000 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

Tgt Ion:105 Resp: 640712
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.1 66.1





#85

sec-Butylbenzene

Concen: 50.000 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

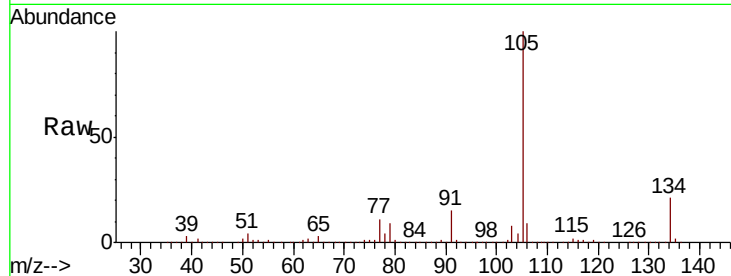
VSTDICCC050

Tgt Ion:105 Resp: 747866

Ion Ratio Lower Upper

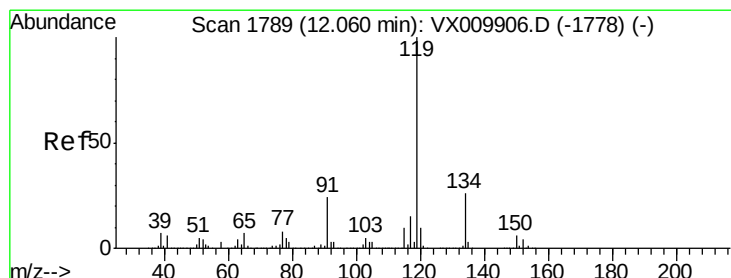
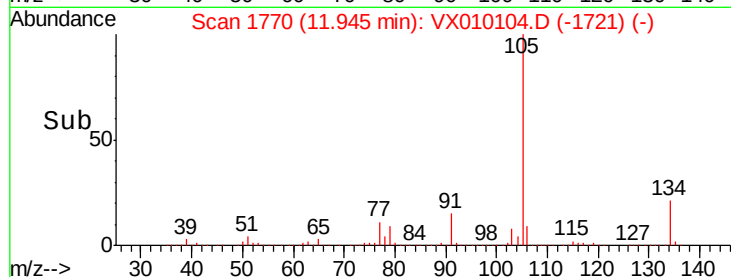
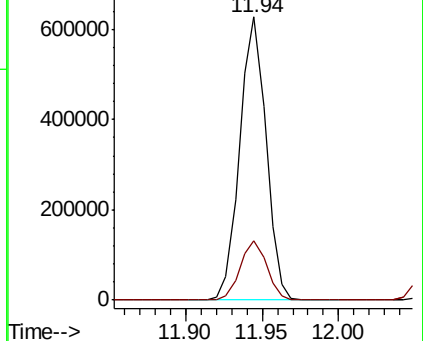
105 100

134 21.1 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010104.D

Acq: 07 Jun 2019 12:41

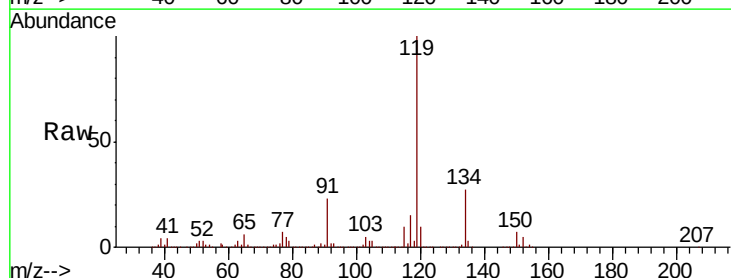
Tgt Ion:119 Resp: 688151

Ion Ratio Lower Upper

119 100

134 27.4 12.9 38.6

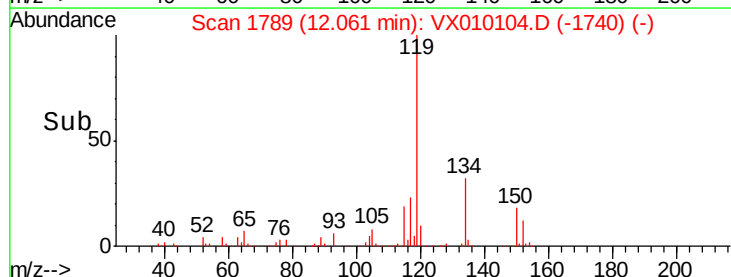
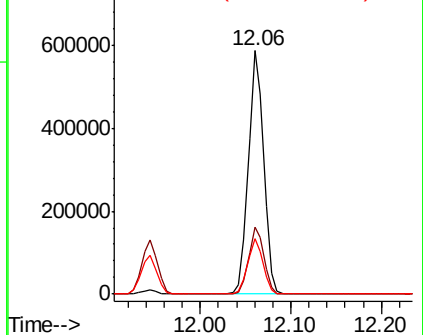
91 22.7 11.9 35.9

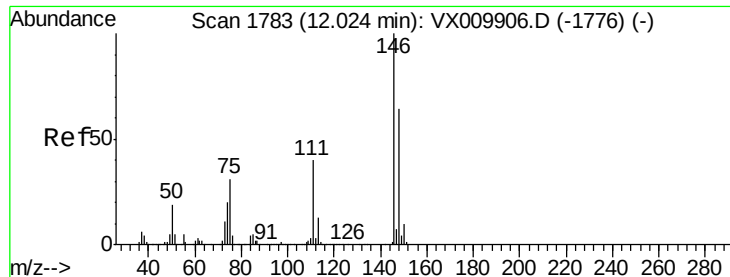


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

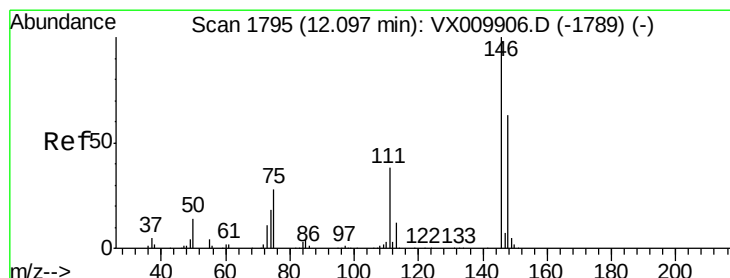
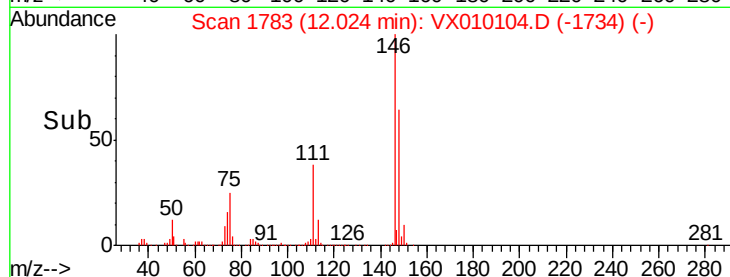
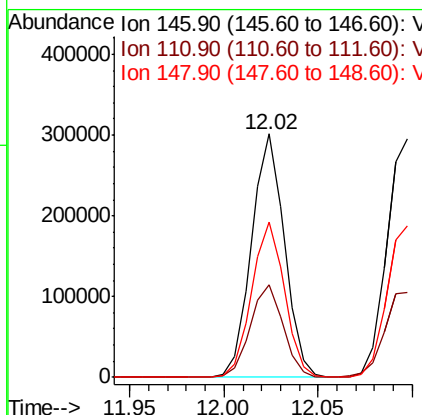
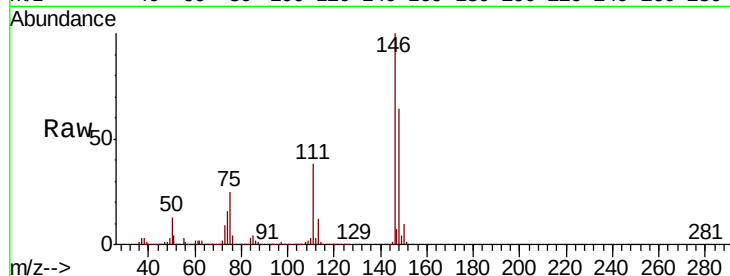




#87
 1,3-Dichlorobenzene
 Concen: 50.000 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

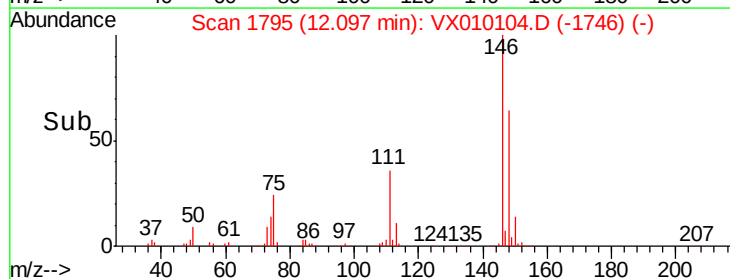
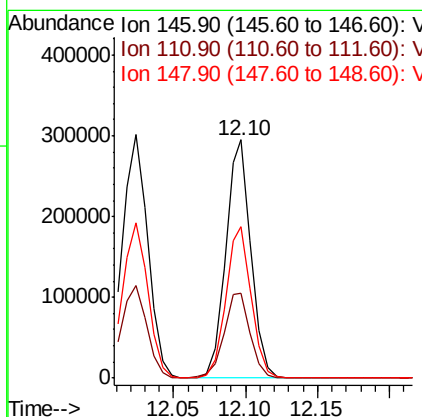
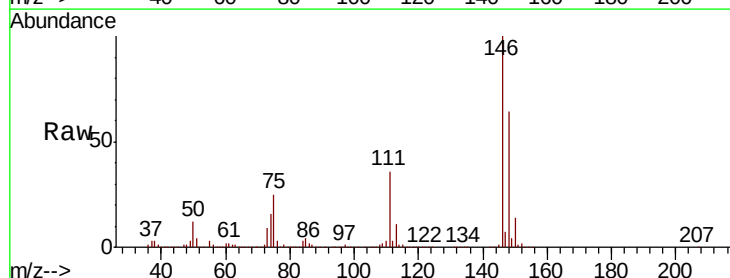
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

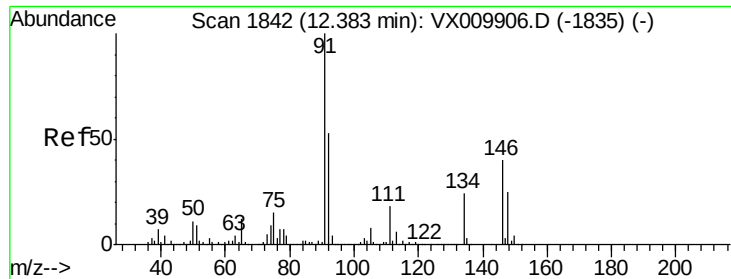
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	20.1	60.2
148	63.5	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.000 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	20.0	59.9
148	64.2	32.3	96.9

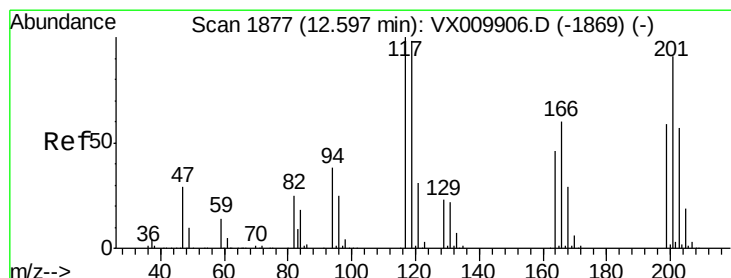
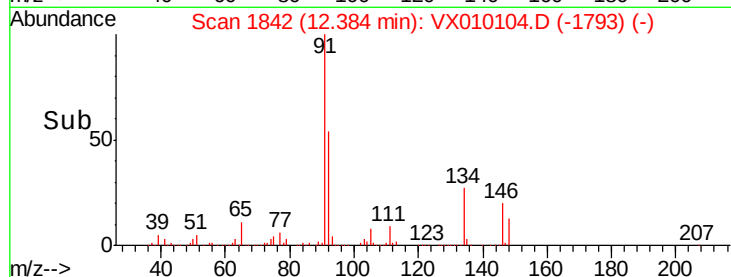
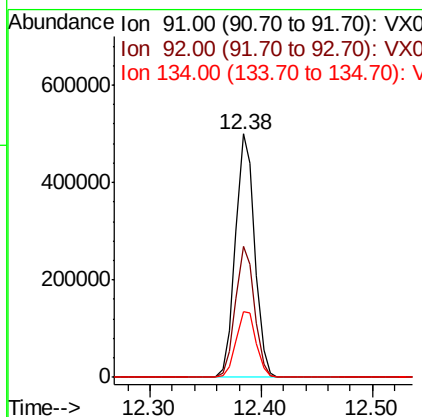
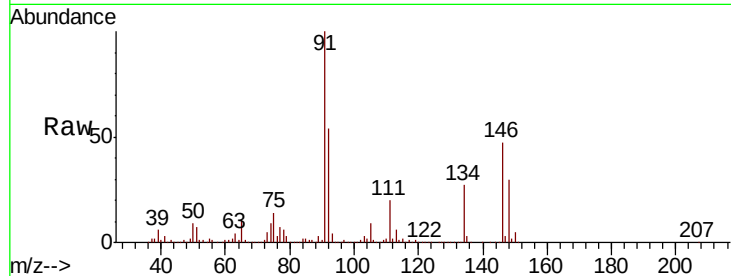




#89
n-Butylbenzene
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

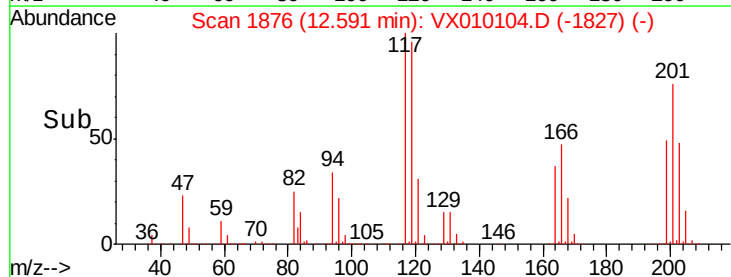
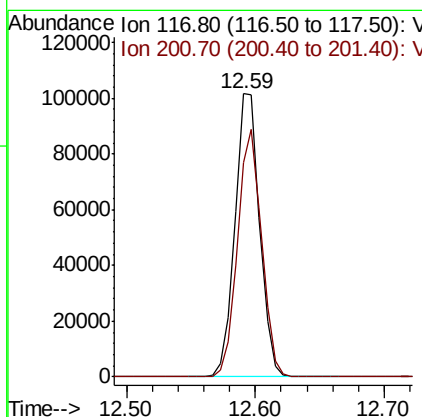
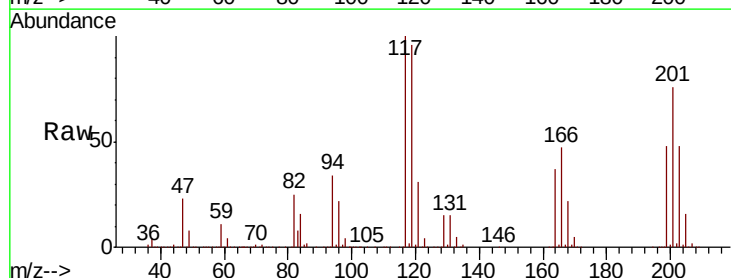
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

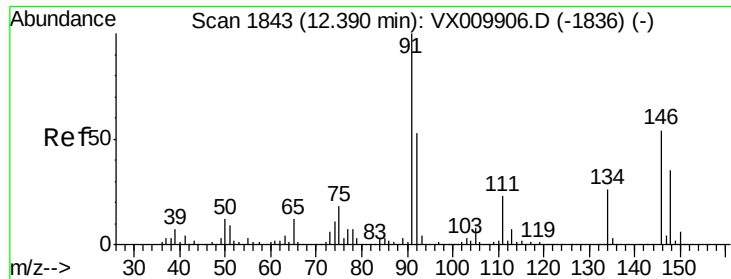
Tgt Ion: 91 Resp: 596253
Ion Ratio Lower Upper
91 100
92 53.4 26.3 78.8
134 28.5 12.3 36.8



#90
Hexachloroethane
Concen: 50.000 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 117 Resp: 135877
Ion Ratio Lower Upper
117 100
201 84.6 43.6 130.9

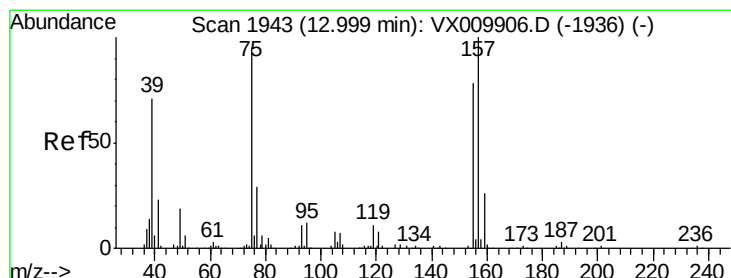
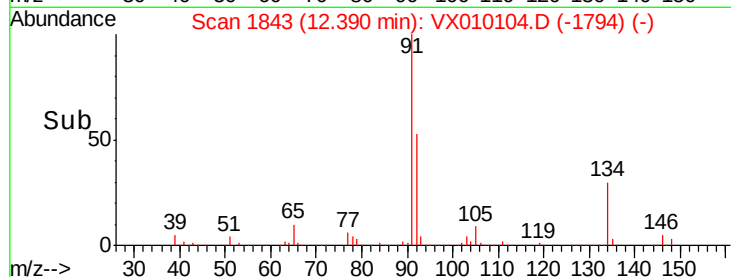
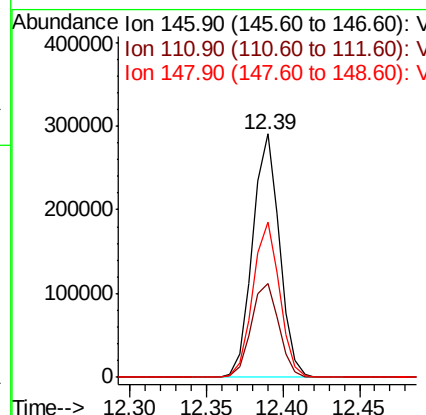
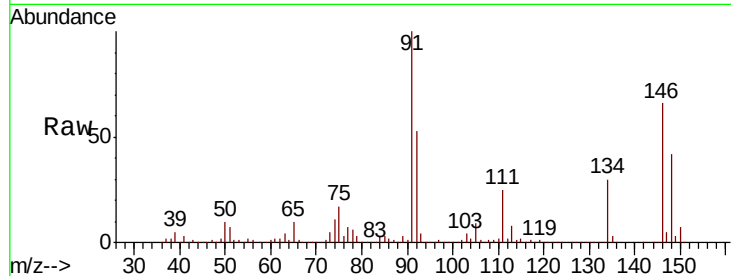




#91
 1,2-Dichlorobenzene
 Concen: 50.000 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

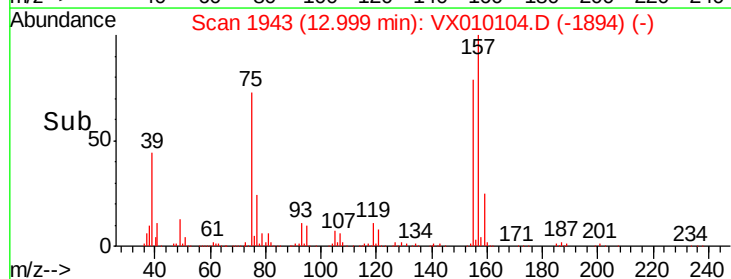
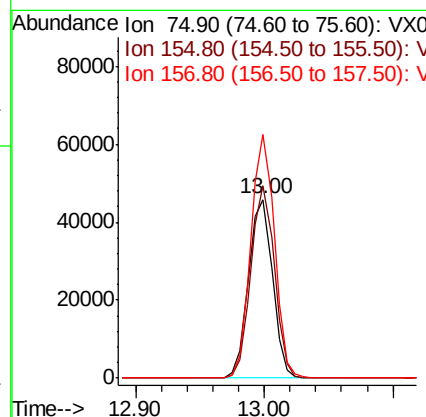
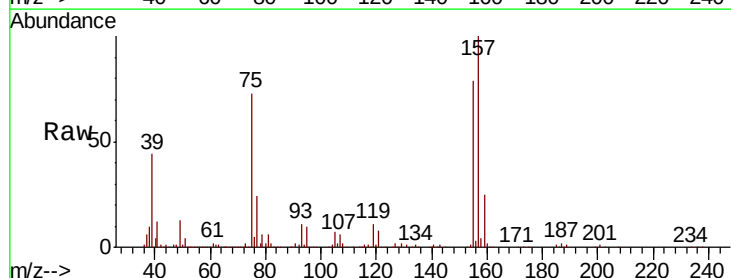
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

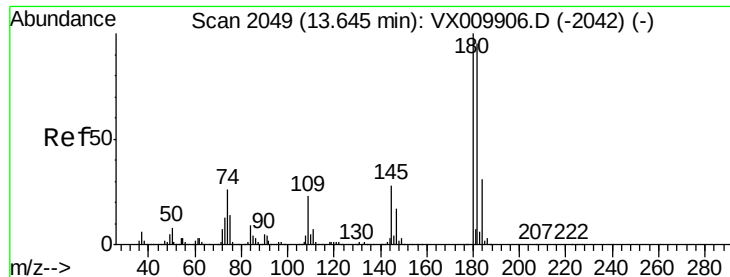
Tgt Ion:146 Resp: 353563
 Ion Ratio Lower Upper
 146 100
 111 39.8 21.1 63.1
 148 63.8 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.000 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

Tgt Ion: 75 Resp: 58714
 Ion Ratio Lower Upper
 75 100
 155 105.2 39.3 117.8
 157 133.9 50.6 151.8

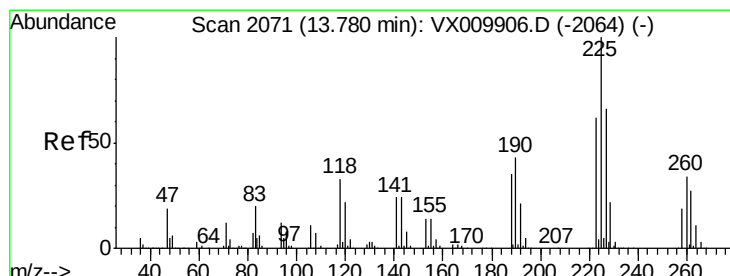
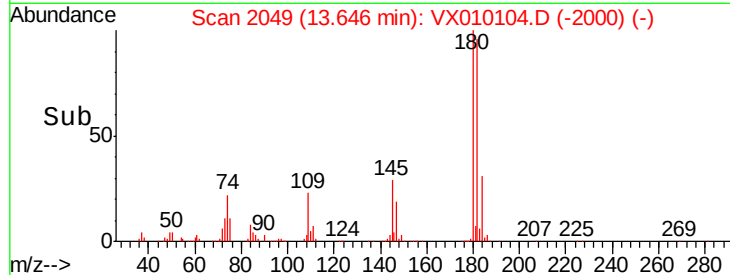
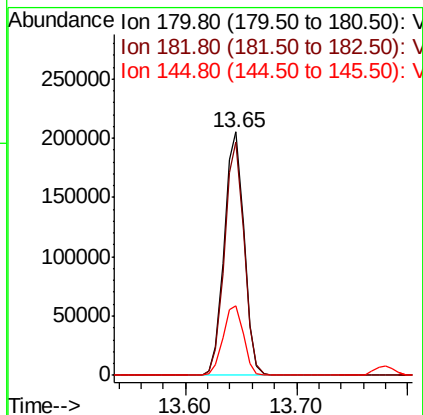
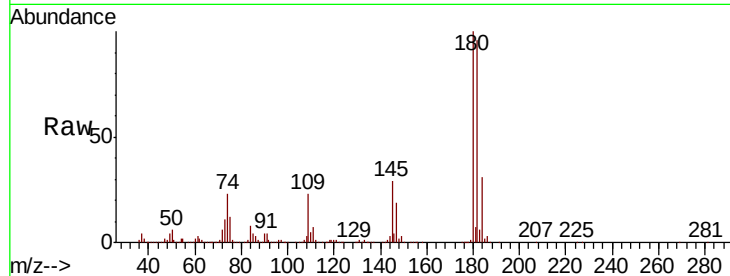




#93
 1,2,4-Trichlorobenzene
 Concen: 50.000 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

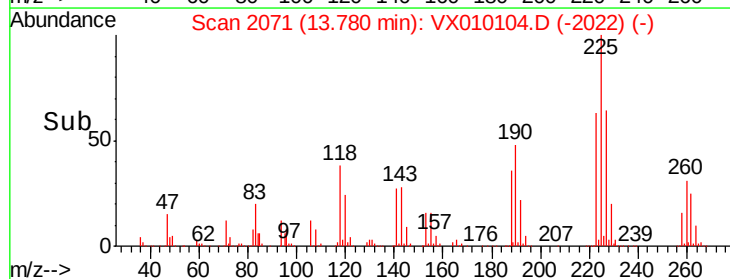
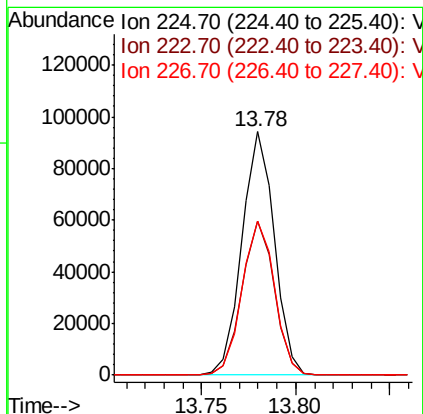
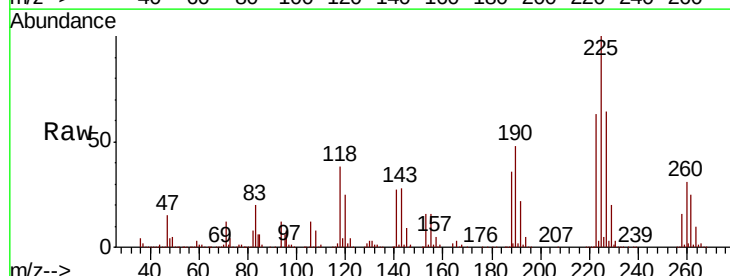
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

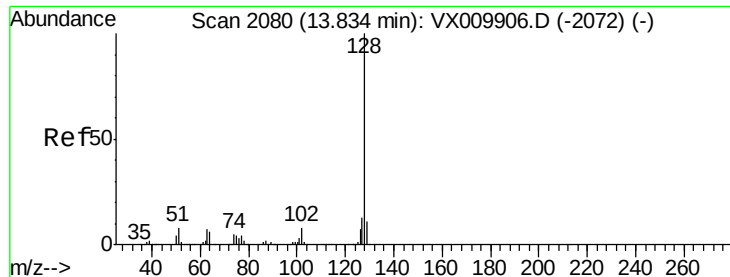
Tgt Ion:180 Resp: 252308
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.4 142.2
 145 29.6 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 50.000 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010104.D
 Acq: 07 Jun 2019 12:41

Tgt Ion:225 Resp: 112222
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.8
 227 63.5 32.3 96.8

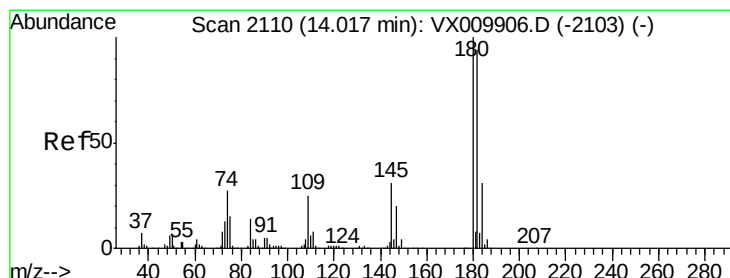
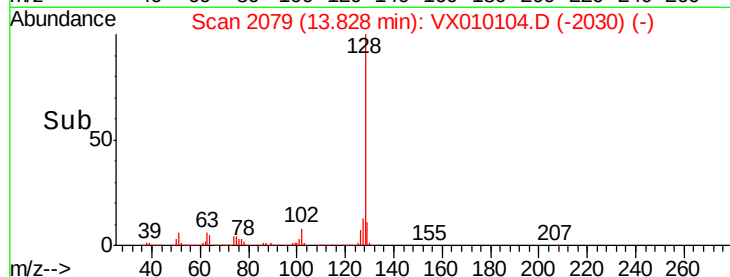
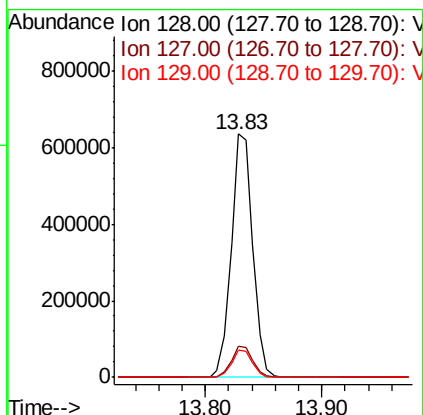
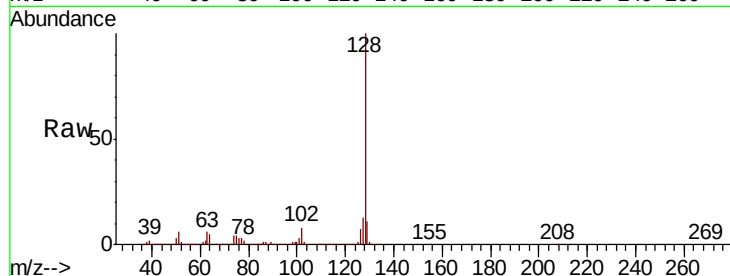




#95
Naphthalene
Concen: 50.000 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 813826
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.000 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010104.D
Acq: 07 Jun 2019 12:41

Tgt Ion:180 Resp: 250064
Ion Ratio Lower Upper
180 100
182 96.4 47.3 142.0
145 31.9 15.6 46.7

