

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060719\
 Data File : VX010102.D
 Acq On : 07 Jun 2019 11:54
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 07 13:05:16 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	5.66	168	326543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	479814	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	431316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220489	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	16021	5.19	ug/l	0.00
Spiked Amount			Recovery	=	10.38%	
35) Dibromofluoromethane	5.49	113	14799	5.10	ug/l	0.00
Spiked Amount			Recovery	=	10.20%	
50) Toluene-d8	8.71	98	55751	5.05	ug/l	0.00
Spiked Amount			Recovery	=	10.10%	
62) 4-Bromofluorobenzene	11.13	95	20787	5.03	ug/l	0.00
Spiked Amount			Recovery	=	10.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	11679	3.602	ug/l	94
3) Chloromethane	1.32	50	13435	4.527	ug/l	100
4) Vinyl Chloride	1.41	62	12686	4.548	ug/l	99
5) Bromomethane	1.64	94	5368	5.158	ug/l	97
6) Chloroethane	1.71	64	9037	5.803	ug/l	92
7) Trichlorofluoromethane	1.92	101	19842	4.863	ug/l	97
8) Diethyl Ether	2.19	74	7057	5.211	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.38	101	14536	5.286	ug/l	92
10) Methyl Iodide	2.51	142	19922	4.392	ug/l	98
11) Tert butyl alcohol	3.05	59	20391	26.428	ug/l	100
12) 1,1-Dichloroethene	2.37	96	14520	5.121	ug/l #	74
13) Acrolein	2.29	56	3106	20.023	ug/l	96
14) Allyl chloride	2.73	41	21479	5.051	ug/l #	88
15) Acrylonitrile	3.14	53	39055	24.961	ug/l	99
16) Acetone	2.45	43	36695	25.458	ug/l	90
17) Carbon Disulfide	2.57	76	39985	5.009	ug/l	99
18) Methyl Acetate	2.78	43	16155	5.212	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	47321	5.216	ug/l	91
20) Methylene Chloride	2.85	84	16104	5.160	ug/l #	80
21) trans-1,2-Dichloroethene	3.16	96	15867	5.177	ug/l #	78
22) Diisopropyl ether	3.85	45	41526	4.977	ug/l #	93
23) Vinyl Acetate	3.81	43	183314	24.378	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	25393	5.173	ug/l	94
25) 2-Butanone	4.67	43	54934	24.904	ug/l #	85
26) 2,2-Dichloropropane	4.58	77	24492	5.421	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	17705	5.064	ug/l	82
28) Bromochloromethane	5.01	49	11197	5.049	ug/l #	51
29) Tetrahydrofuran	5.13	42	33908	24.878	ug/l #	74
30) Chloroform	5.21	83	26069	5.016	ug/l	98
31) Cyclohexane	5.58	56	23029	5.027	ug/l #	78
32) 1,1,1-Trichloroethane	5.49	97	24096	5.086	ug/l	94
36) 1,1-Dichloropropene	5.79	75	19913	5.313	ug/l	91
37) Ethyl Acetate	4.83	43	20342	5.156	ug/l #	86
38) Carbon Tetrachloride	5.78	117	22487	5.296	ug/l	99

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 Data File : VX010102.D
 Acq On : 07 Jun 2019 11:54
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 07 13:05:16 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)
39) Methylcyclohexane	7.46	83	27551	5.430	ug/l #	82
40) Benzene	6.14	78	60872	5.161	ug/l	100
41) Methacrylonitrile	5.04	41	10937	5.075	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	19607	5.231	ug/l	93
43) Isopropyl Acetate	6.45	43	34231	5.207	ug/l #	89
44) Trichloroethene	7.21	130	18037	5.183	ug/l	81
45) 1,2-Dichloropropane	7.51	63	15049	5.105	ug/l	95
46) Dibromomethane	7.66	93	11428	5.383	ug/l	93
47) Bromodichloromethane	7.90	83	21425	5.175	ug/l #	97
48) Methyl methacrylate	7.77	41	15582	4.891	ug/l #	77
49) 1,4-Dioxane	7.74	88	9300	106.149	ug/l #	85
51) 4-Methyl-2-Pentanone	8.64	43	105581	25.713	ug/l	89
52) Toluene	8.78	92	40930	5.354	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	24113	5.015	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	25881	5.075	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	16922	5.288	ug/l	96
56) Ethyl methacrylate	9.18	69	26235	5.118	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	25590	5.151	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	62021	25.349	ug/l #	86
59) 2-Hexanone	9.49	43	84506	26.008	ug/l	90
60) Dibromochloromethane	9.58	129	19405	5.128	ug/l	98
61) 1,2-Dibromoethane	9.67	107	18362	5.231	ug/l	100
64) Tetrachloroethene	9.34	164	16729	5.575	ug/l	95
65) Chlorobenzene	10.13	112	44902	5.225	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	17536	5.295	ug/l	99
67) Ethyl Benzene	10.25	91	77303	5.277	ug/l	95
68) m/p-Xylenes	10.36	106	61034	10.765	ug/l	90
69) o-Xylene	10.69	106	30328	5.439	ug/l	88
70) Styrene	10.71	104	50537	5.215	ug/l	96
71) Bromoform	10.85	173	15810	5.146	ug/l #	99
73) Isopropylbenzene	11.02	105	78089	5.235	ug/l	95
74) N-amyl acetate	10.90	43	30040	5.047	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.27	83	26108	5.170	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	29413	6.974	ug/l	84
77) Bromobenzene	11.26	156	21571	5.286	ug/l	80
78) n-propylbenzene	11.36	91	86168	5.143	ug/l	93
79) 2-Chlorotoluene	11.42	91	51954	5.213	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	66281	5.310	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	9887	5.028	ug/l	85
82) 4-Chlorotoluene	11.51	91	59603	5.172	ug/l	93
83) tert-Butylbenzene	11.77	119	67584	5.354	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	66450	5.253	ug/l	96
85) sec-Butylbenzene	11.94	105	77533	5.251	ug/l	94
86) p-Isopropyltoluene	12.06	119	70534	5.191	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	37351	5.180	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	38080	5.362	ug/l	99
89) n-Butylbenzene	12.38	91	59888	5.087	ug/l	95
90) Hexachloroethane	12.59	117	13716	5.113	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	37213	5.331	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	6009	5.184	ug/l	73

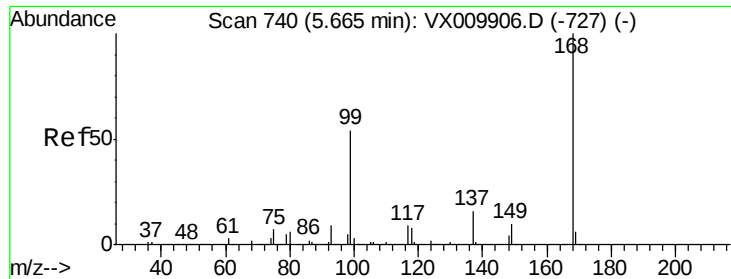
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060719\
Data File : VX010102.D
Acq On : 07 Jun 2019 11:54
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jun 07 13:05:16 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)
93) 1,2,4-Trichlorobenzene	13.65	180	25286	5.076	ug/l	99
94) Hexachlorobutadiene	13.78	225	12351	5.574	ug/l	97
95) Naphthalene	13.83	128	81432	5.068	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	26101	5.287	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

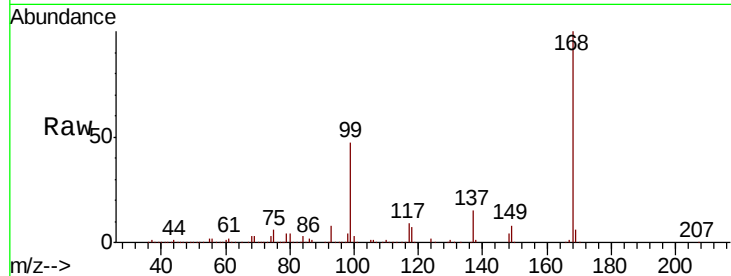
VSTDIC005

Tgt Ion:168 Resp: 326543

Ion Ratio Lower Upper

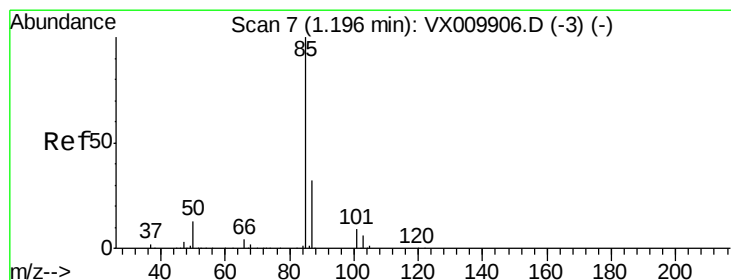
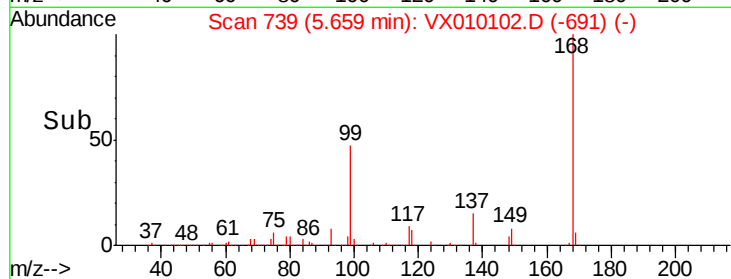
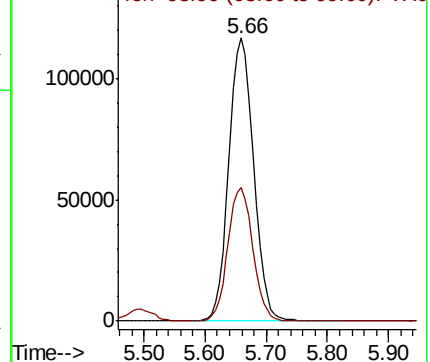
168 100

99 47.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 3.602 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010102.D

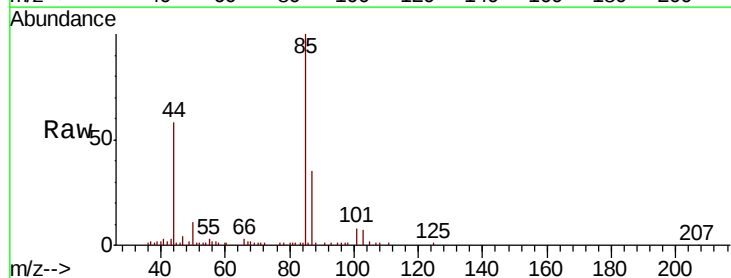
Acq: 07 Jun 2019 11:54

Tgt Ion: 85 Resp: 11679

Ion Ratio Lower Upper

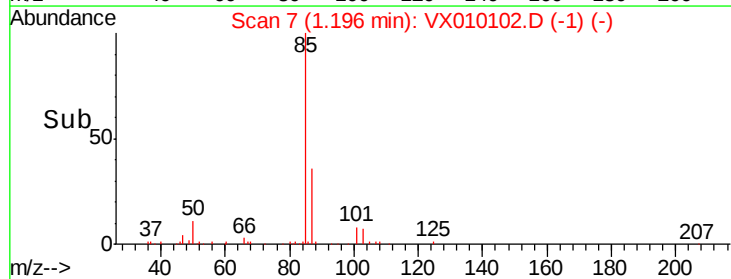
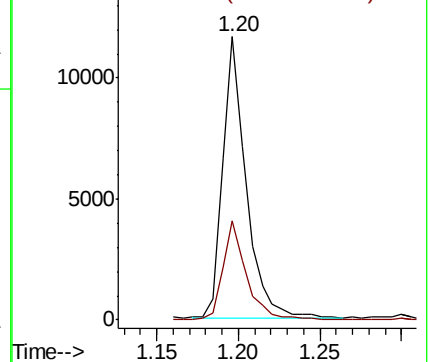
85 100

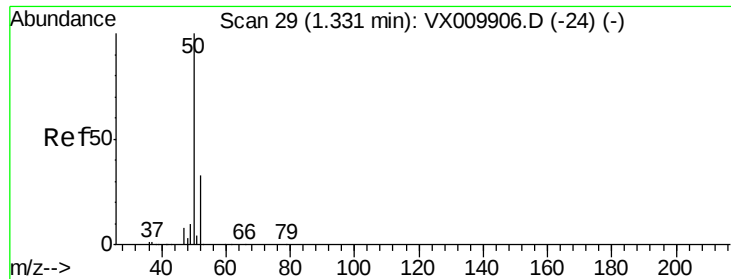
87 35.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 4.527 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

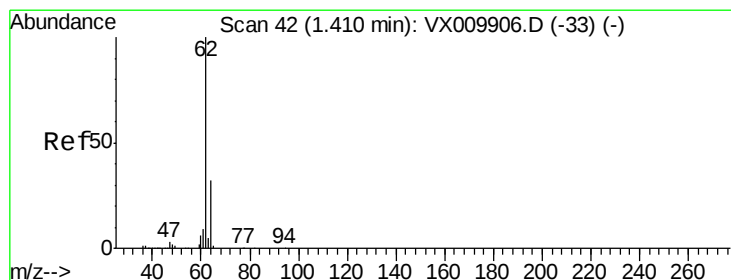
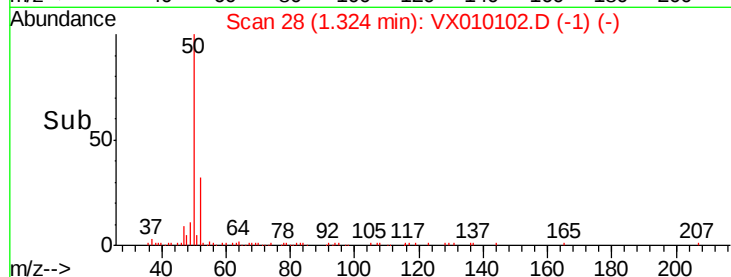
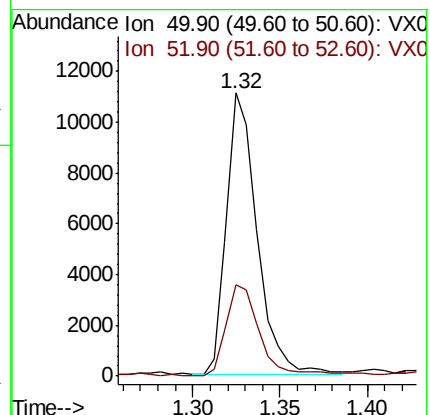
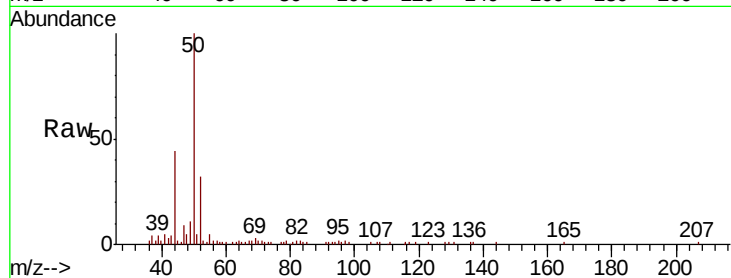
VSTDIC005

Tgt Ion: 50 Resp: 13435

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 4.548 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010102.D

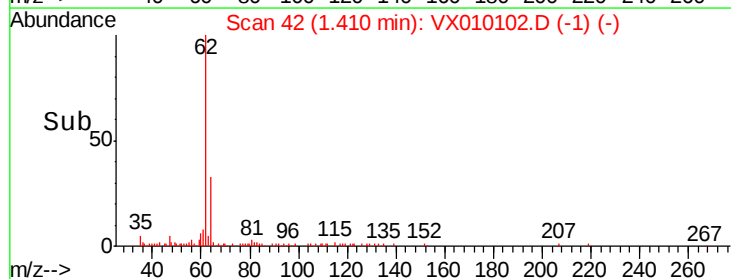
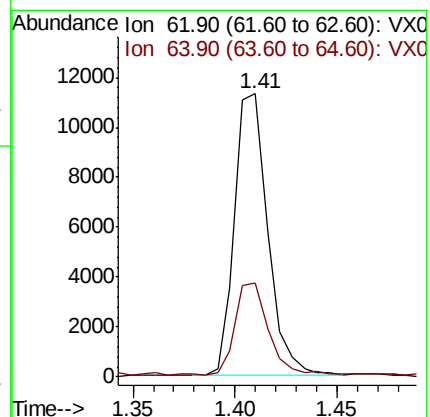
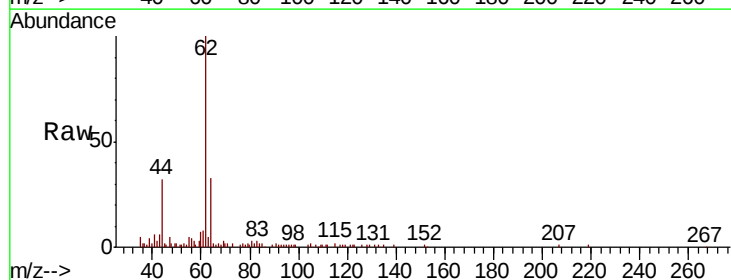
Acq: 07 Jun 2019 11:54

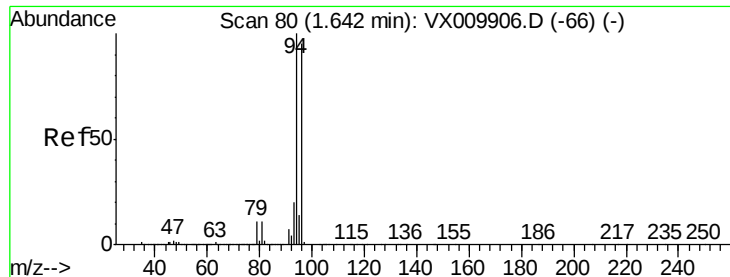
Tgt Ion: 62 Resp: 12686

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5





#5

Bromomethane

Concen: 5.158 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

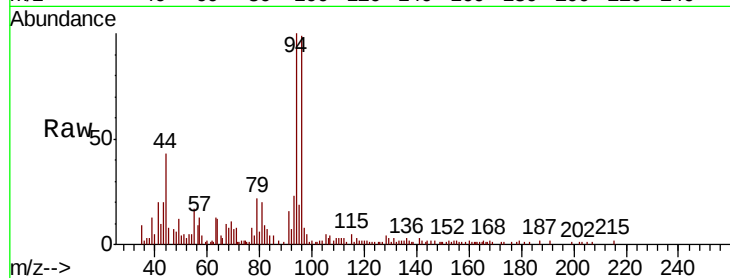
VSTDIC005

Tgt Ion: 94 Resp: 5368

Ion Ratio Lower Upper

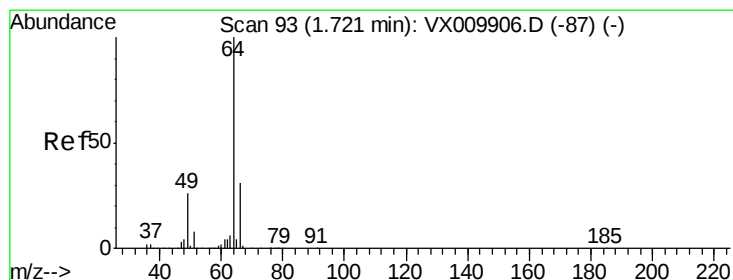
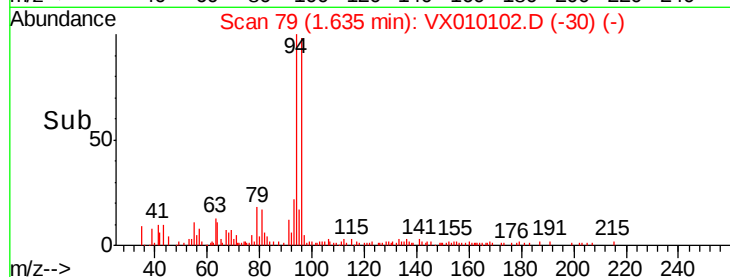
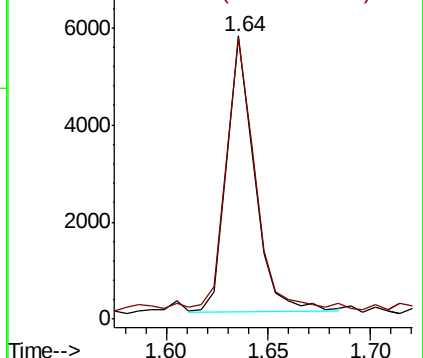
94 100

96 98.0 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 5.803 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX010102.D

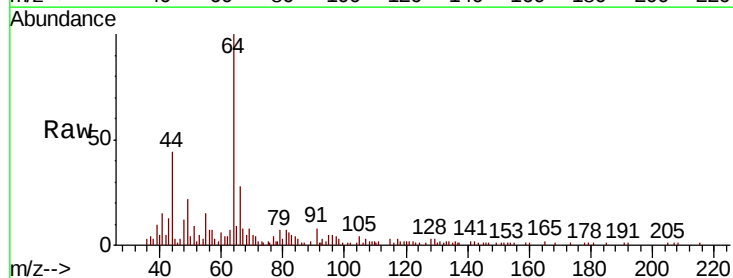
Acq: 07 Jun 2019 11:54

Tgt Ion: 64 Resp: 9037

Ion Ratio Lower Upper

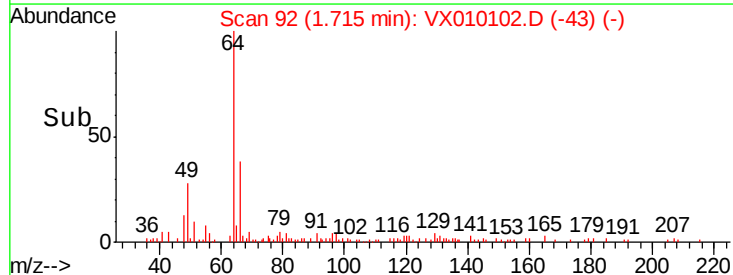
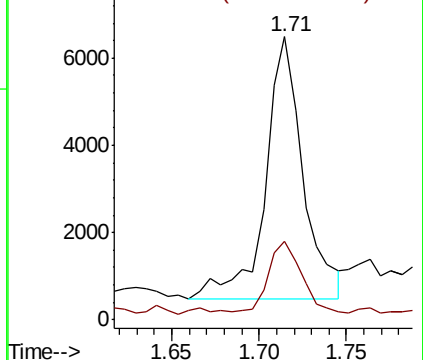
64 100

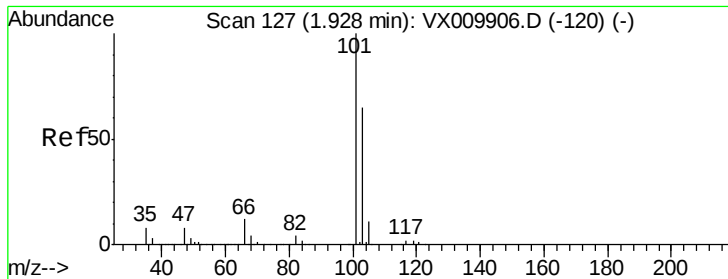
66 27.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 4.863 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

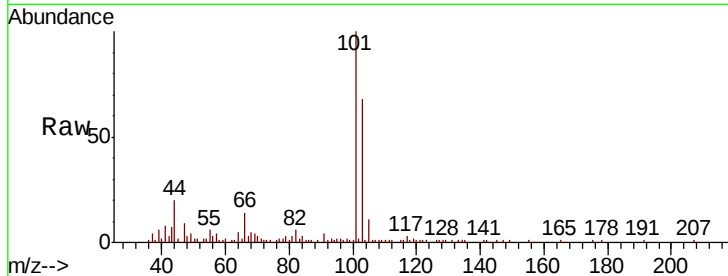
VSTDIC005

Tgt Ion:101 Resp: 19842

Ion Ratio Lower Upper

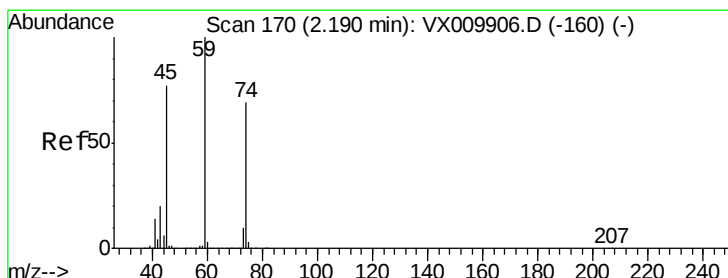
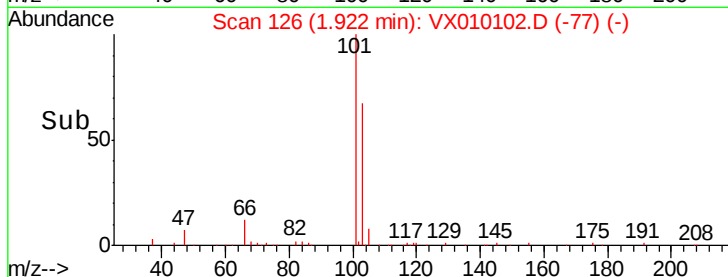
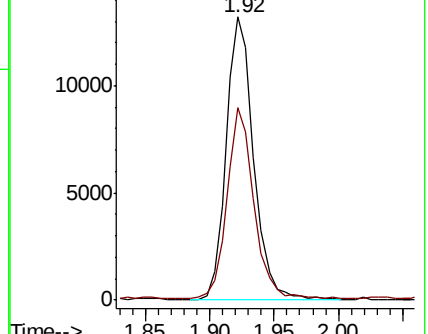
101 100

103 67.6 52.2 78.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.211 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX010102.D

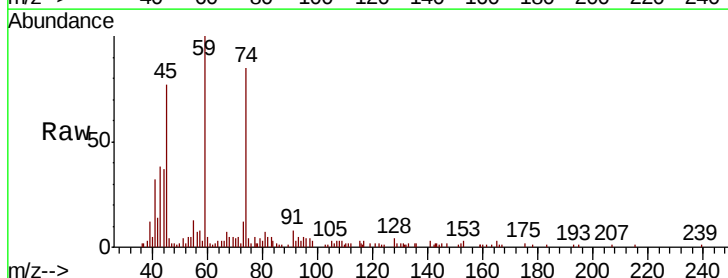
Acq: 07 Jun 2019 11:54

Tgt Ion: 74 Resp: 7057

Ion Ratio Lower Upper

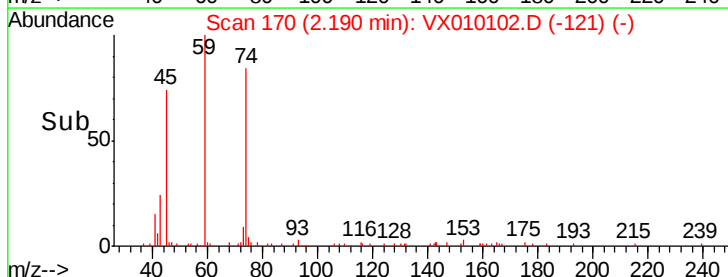
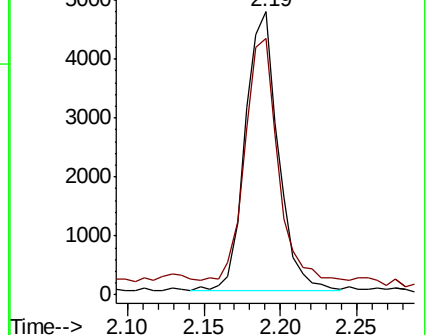
74 100

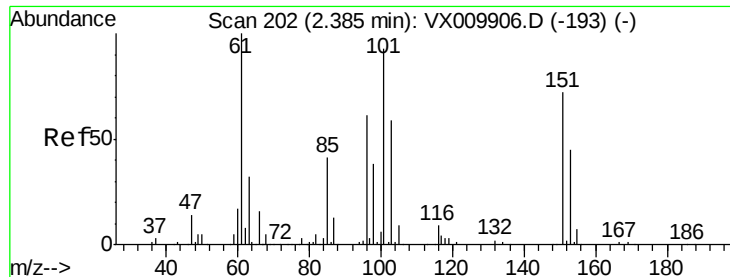
45 86.6 56.1 168.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.286 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

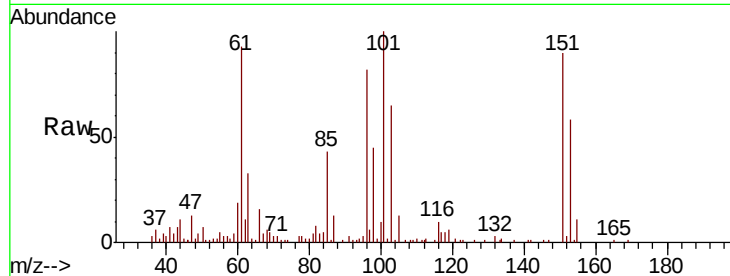
Tgt Ion:101 Resp: 14536

Ion Ratio Lower Upper

101 100

85 42.3 35.2 52.8

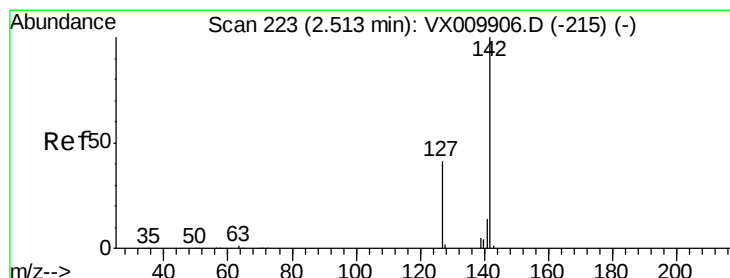
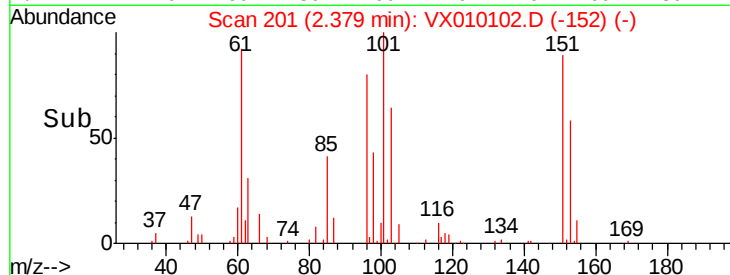
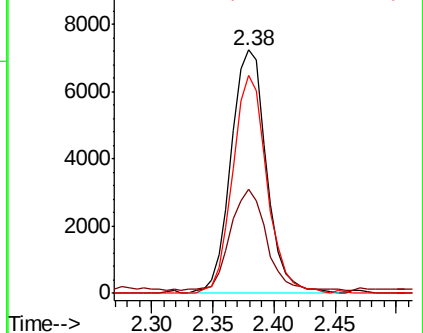
151 86.8 61.9 92.9



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: 4.392 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

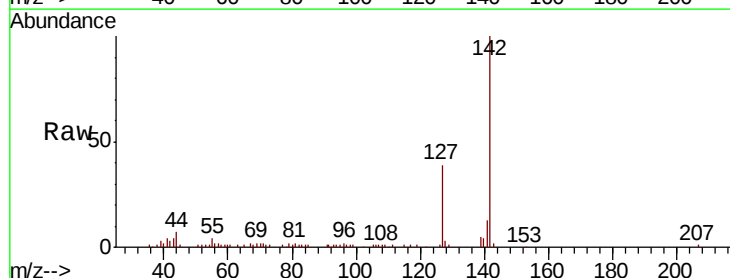
Tgt Ion:142 Resp: 19922

Ion Ratio Lower Upper

142 100

127 39.6 33.0 49.4

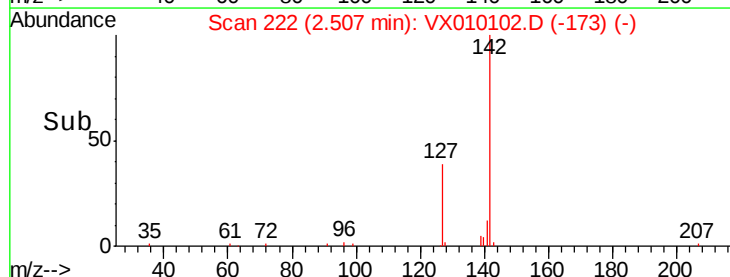
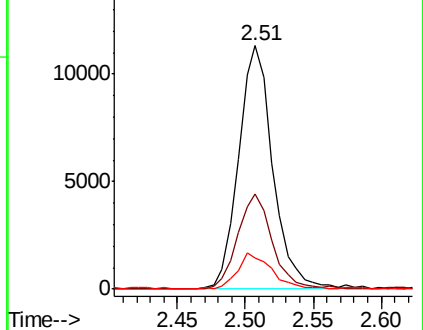
141 14.9 11.4 17.0

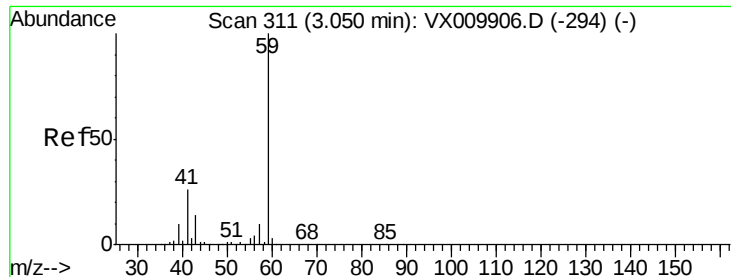


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

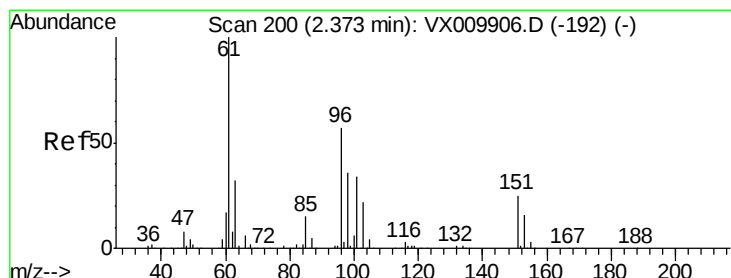
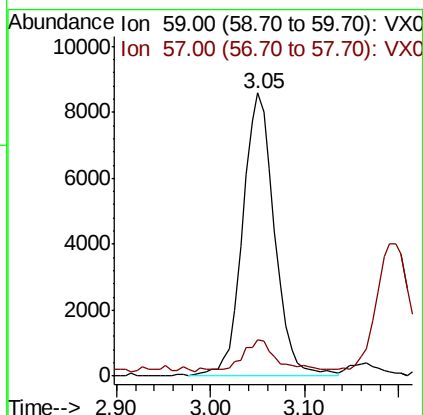
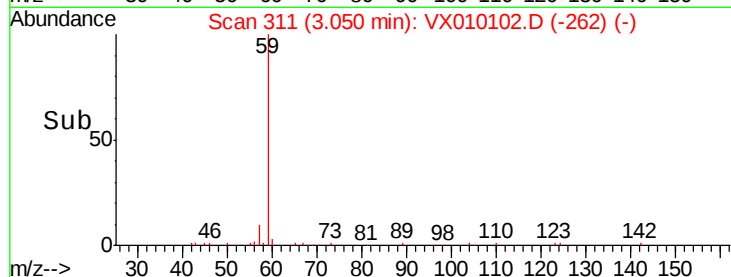
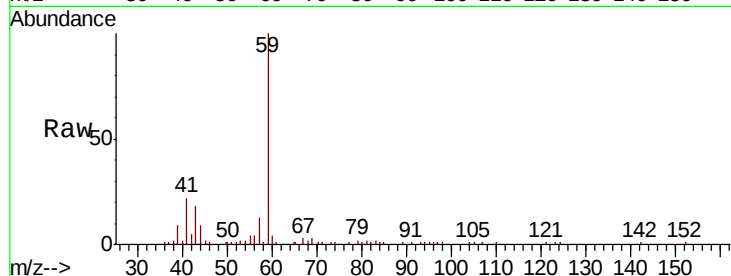




#11
Tert butyl alcohol
Concen: 26.428 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

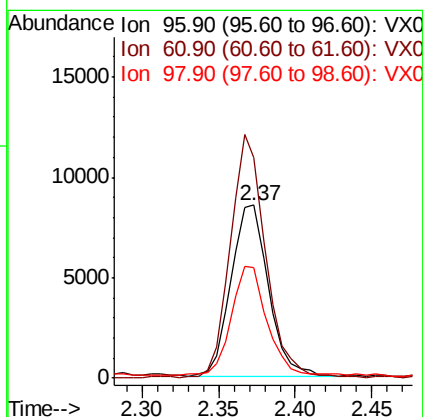
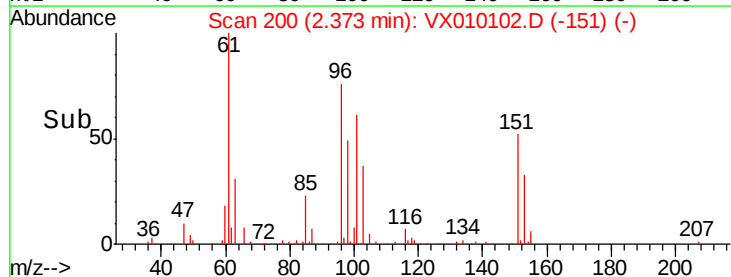
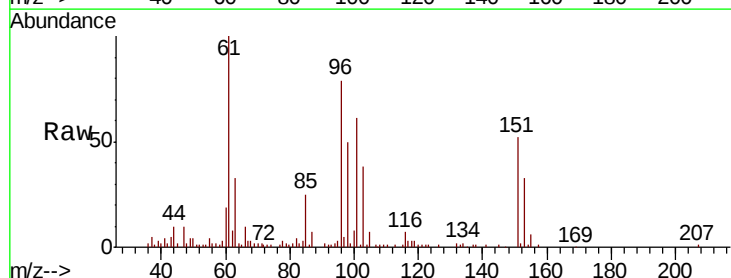
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

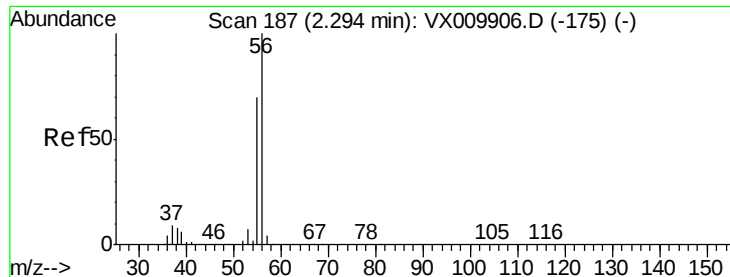
Tgt Ion: 59 Resp: 20391
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 5.121 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion: 96 Resp: 14520
Ion Ratio Lower Upper
96 100
61 127.7 140.7 211.1#
98 62.2 50.1 75.1





#13

Acrolein

Concen: 20.023 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

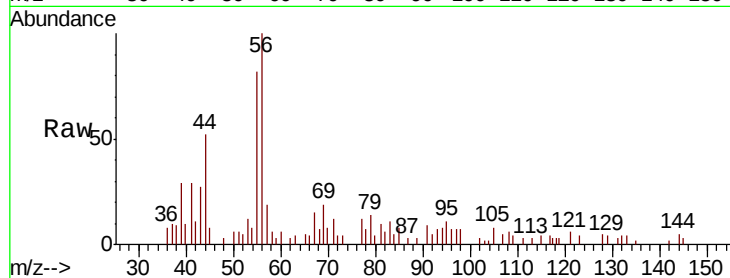
VSTDIC005

Tgt Ion: 56 Resp: 3106

Ion Ratio Lower Upper

56 100

55 74.1 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2500

2000

1500

1000

500

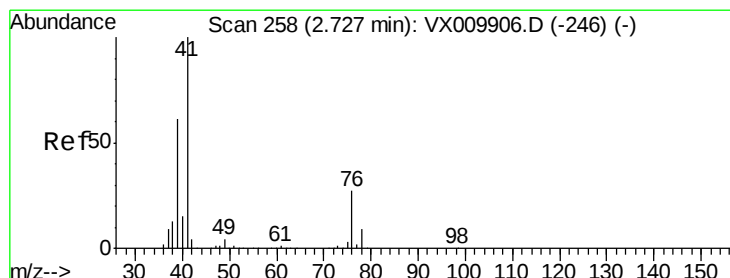
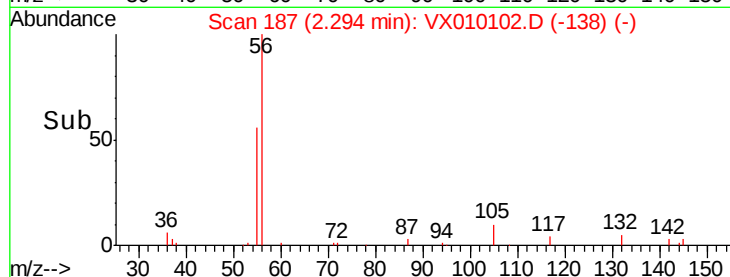
0

2.25

2.30

2.35

Time-->



#14

Allyl chloride

Concen: 5.051 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

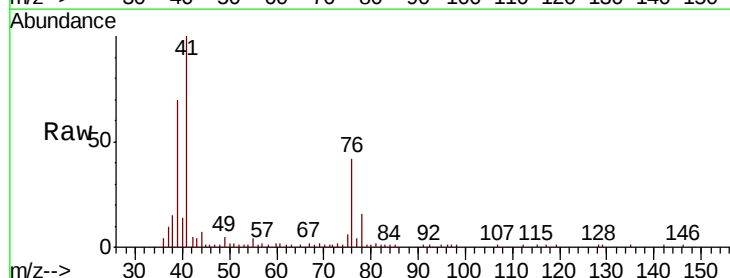
Tgt Ion: 41 Resp: 21479

Ion Ratio Lower Upper

41 100

39 62.5 46.7 70.1

76 39.9 21.0 31.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

20000

15000

10000

5000

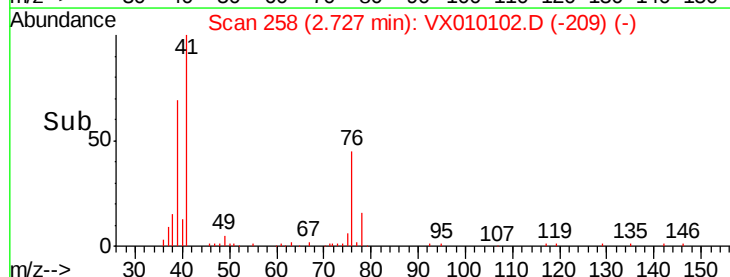
0

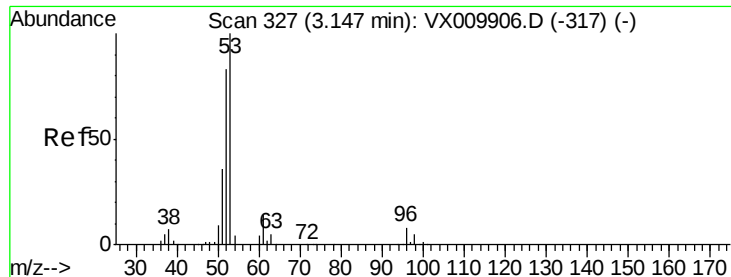
2.60

2.70

2.80

Time-->





#15

Acrylonitrile

Concen: 24.961 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

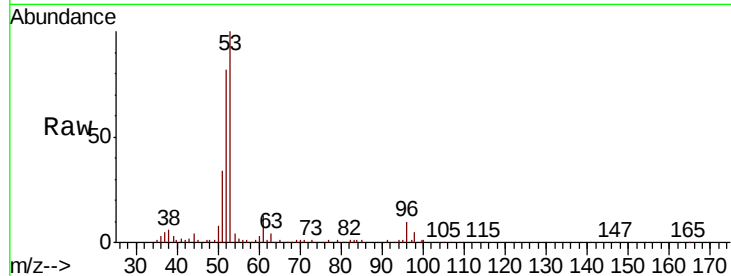
Tgt Ion: 53 Resp: 39055

Ion Ratio Lower Upper

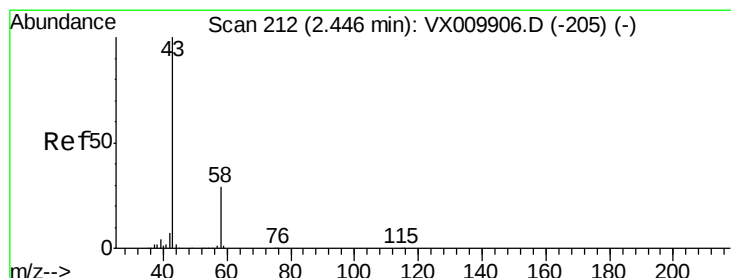
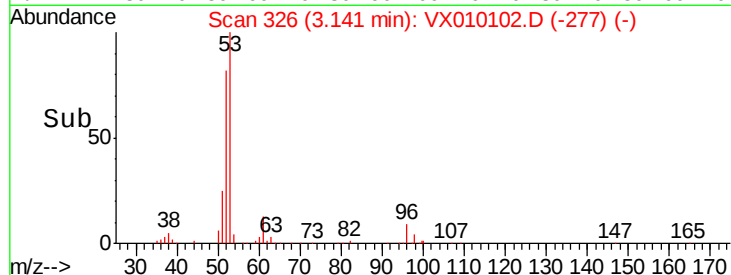
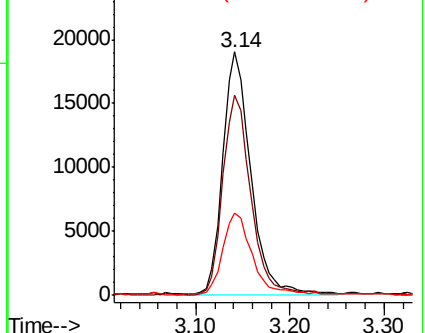
53 100

52 82.5 66.7 100.1

51 35.1 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 25.458 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010102.D

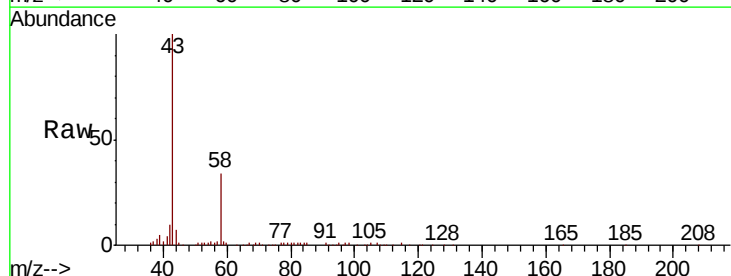
Acq: 07 Jun 2019 11:54

Tgt Ion: 43 Resp: 36695

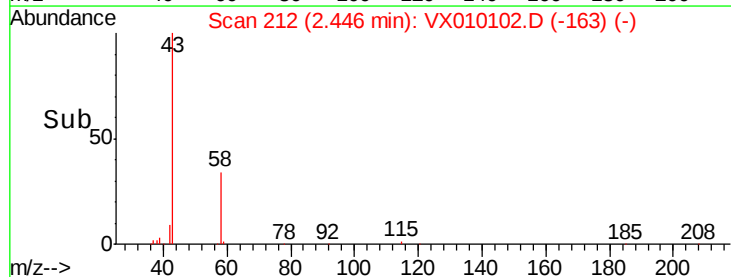
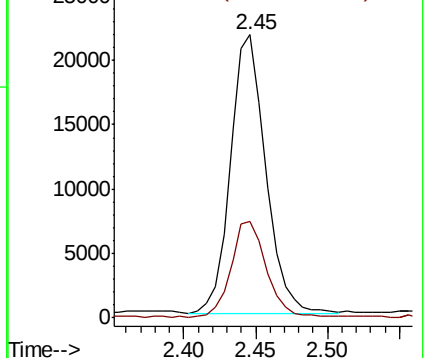
Ion Ratio Lower Upper

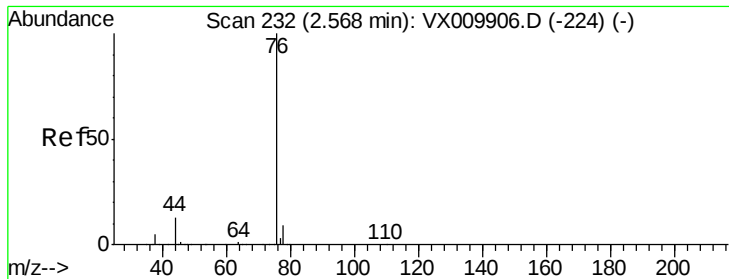
43 100

58 34.4 23.2 34.8



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

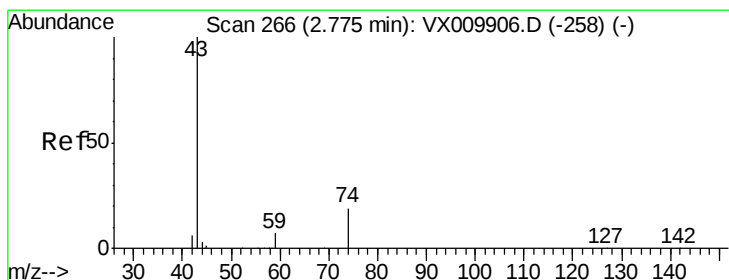
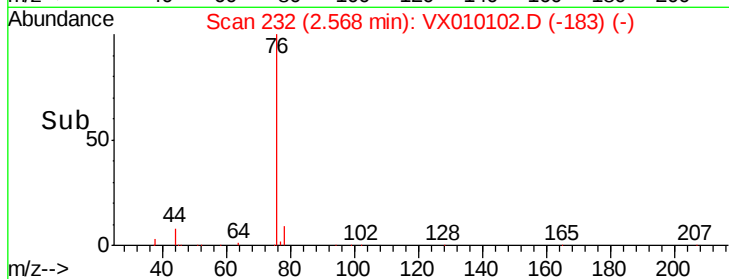
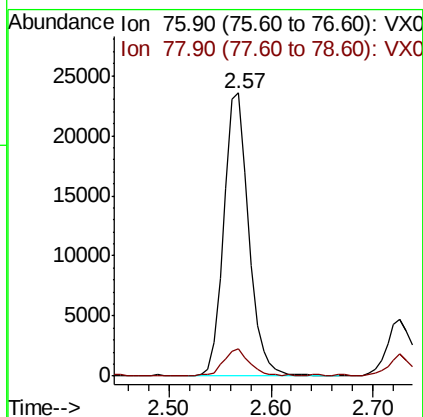
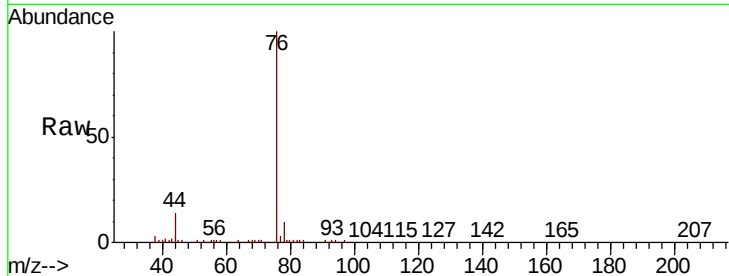




#17
Carbon Disulfide
Concen: 5.009 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

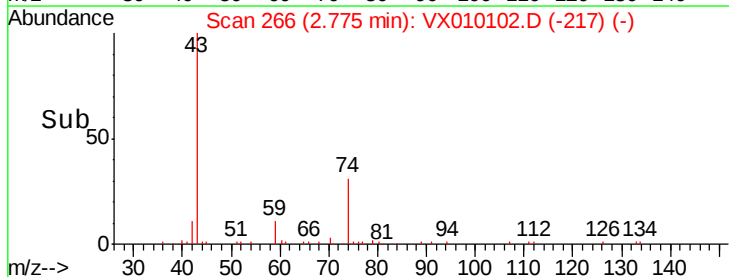
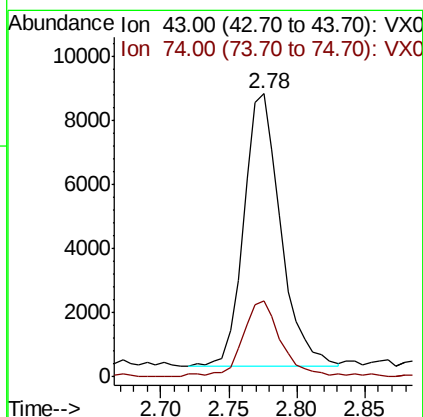
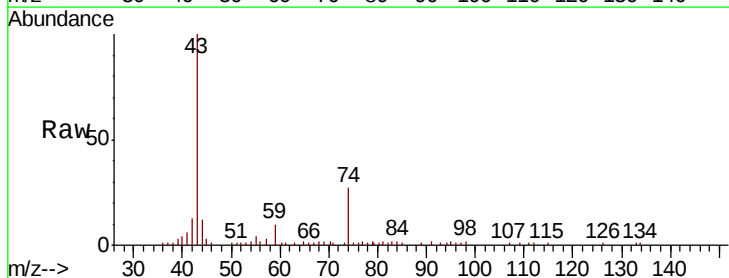
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

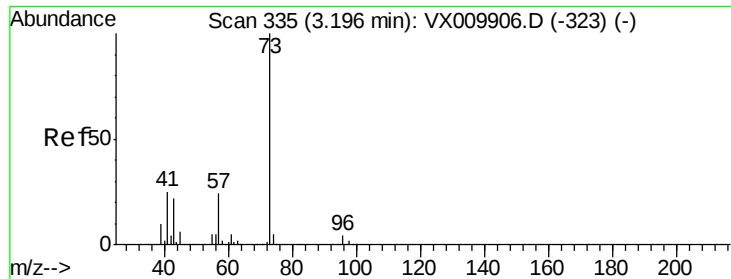
Tgt Ion: 76 Resp: 39985
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 5.212 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion: 43 Resp: 16155
Ion Ratio Lower Upper
43 100
74 27.1 15.8 23.6#

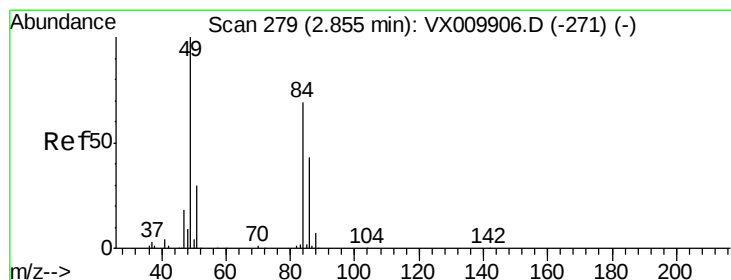
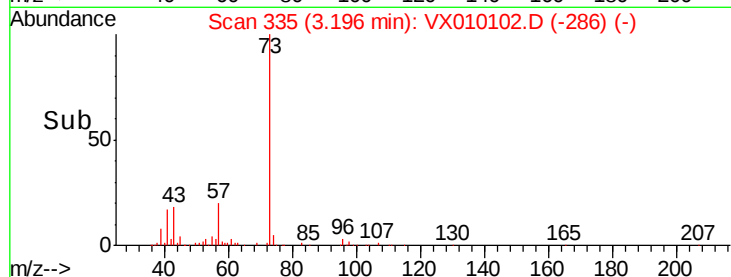
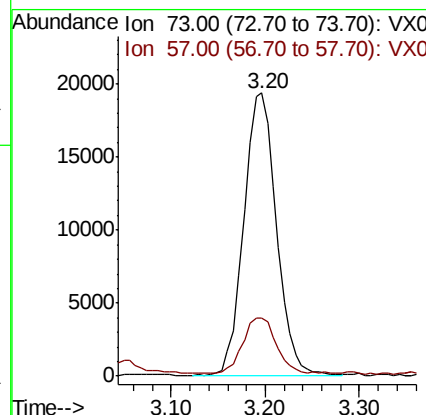
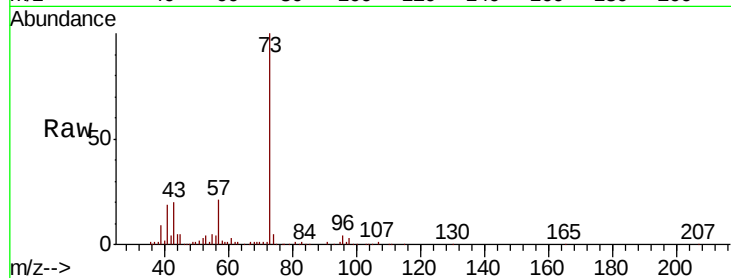




#19
Methyl tert-butyl Ether
Concen: 5.216 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

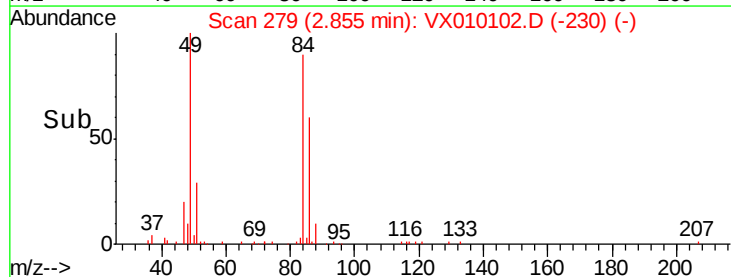
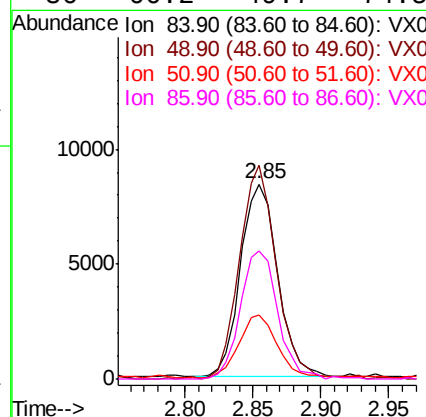
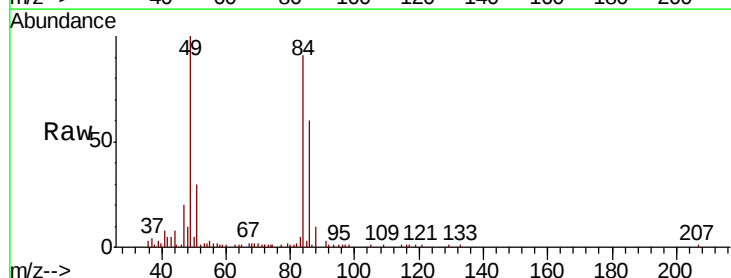
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

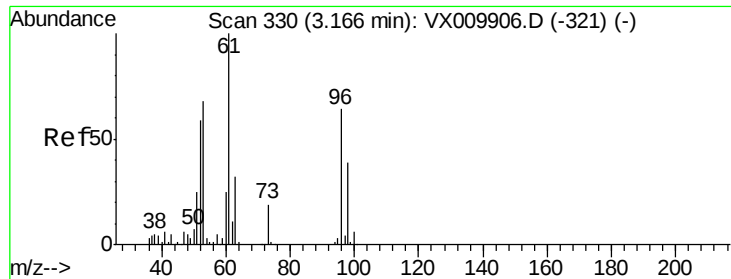
Tgt Ion: 73 Resp: 47321
Ion Ratio Lower Upper
73 100
57 19.6 19.4 29.2



#20
Methylene Chloride
Concen: 5.160 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion: 84 Resp: 16104
Ion Ratio Lower Upper
84 100
49 109.9 115.8 173.6#
51 32.5 34.4 51.6#
86 66.2 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 5.177 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

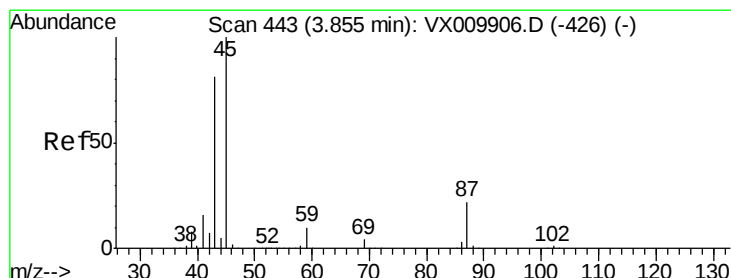
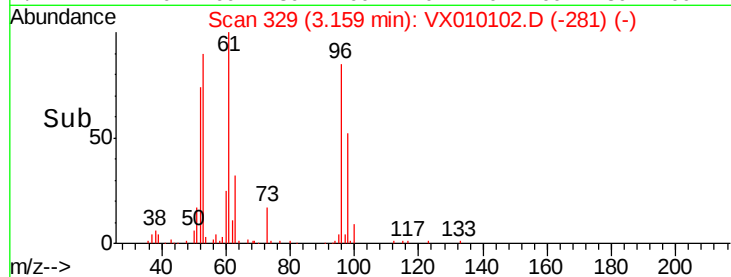
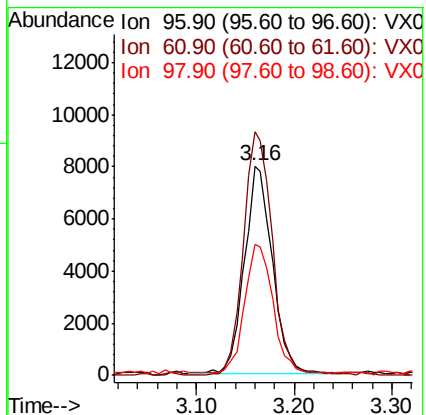
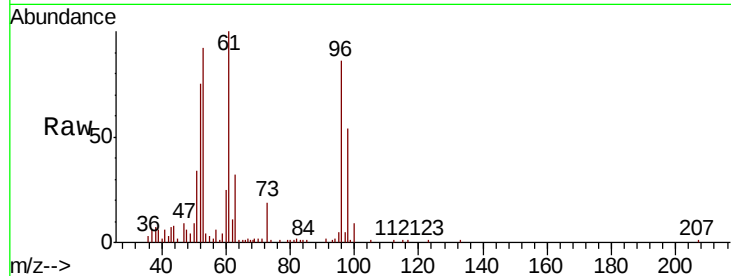
Tgt Ion: 96 Resp: 15867

Ion Ratio Lower Upper

96 100

61 117.2 125.7 188.5#

98 61.6 49.0 73.6



#22

Diisopropyl ether

Concen: 4.977 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Tgt Ion: 45 Resp: 41526

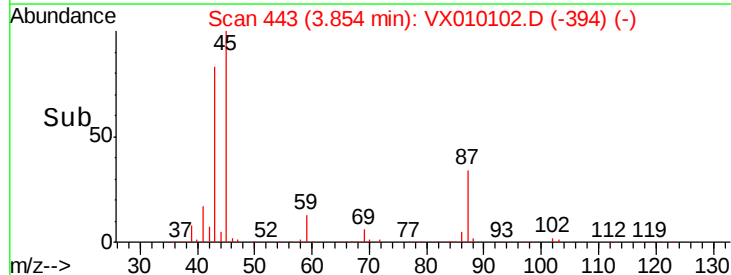
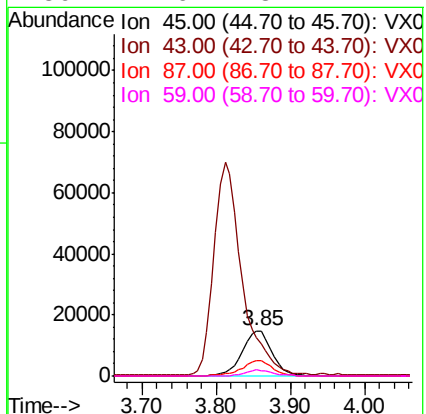
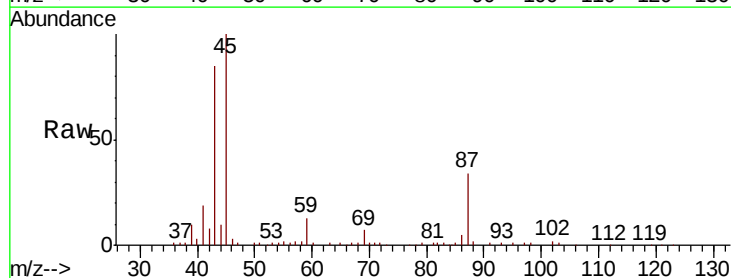
Ion Ratio Lower Upper

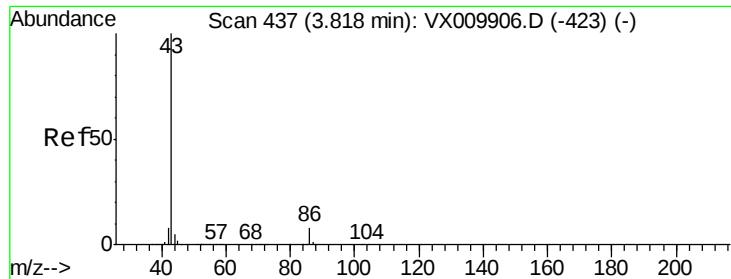
45 100

43 83.3 65.0 97.4

87 33.9 17.3 25.9#

59 12.6 8.1 12.1#





#23

Vinyl Acetate

Concen: 24.378 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

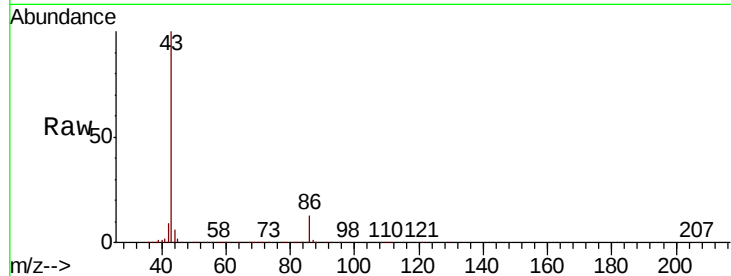
VSTDIC005

Tgt Ion: 43 Resp: 183314

Ion Ratio Lower Upper

43 100

86 12.8 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

80000

60000

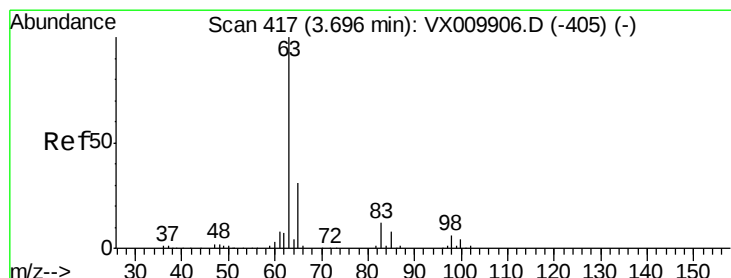
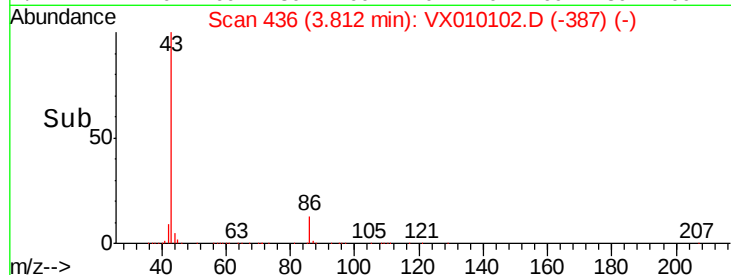
40000

20000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 5.173 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

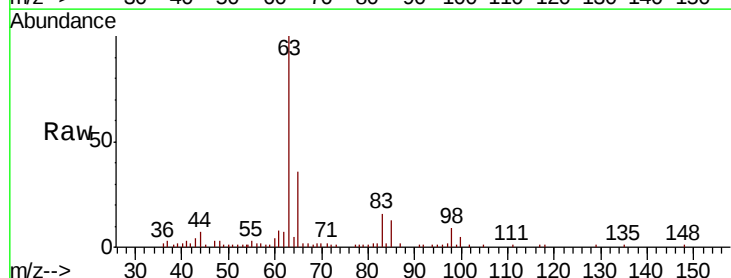
Tgt Ion: 63 Resp: 25393

Ion Ratio Lower Upper

63 100

98 8.5 2.9 8.8

100 4.8 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

3.70

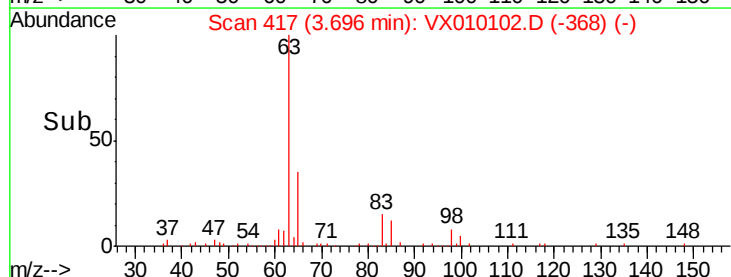
10000

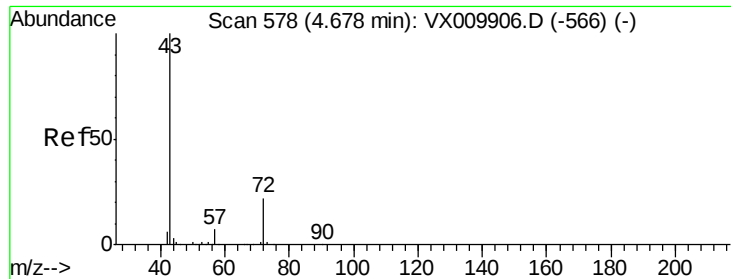
5000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 24.904 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

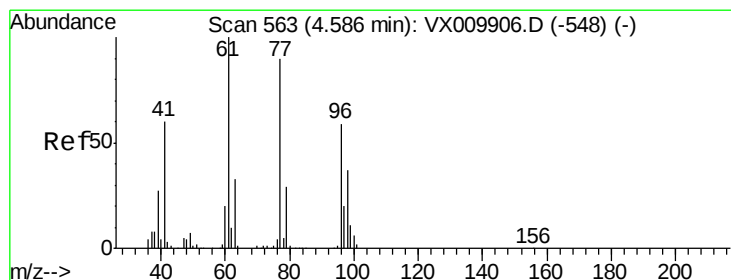
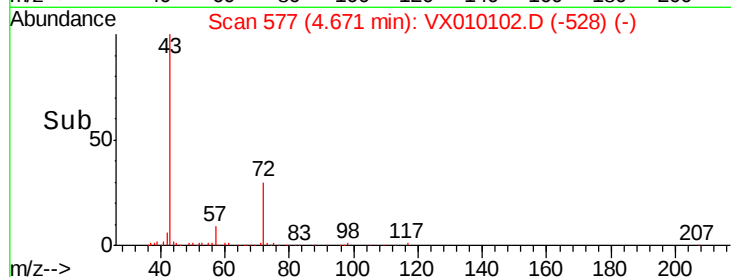
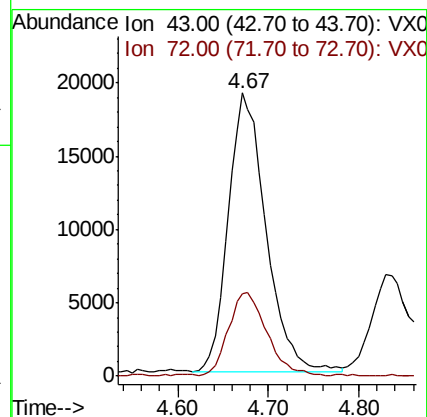
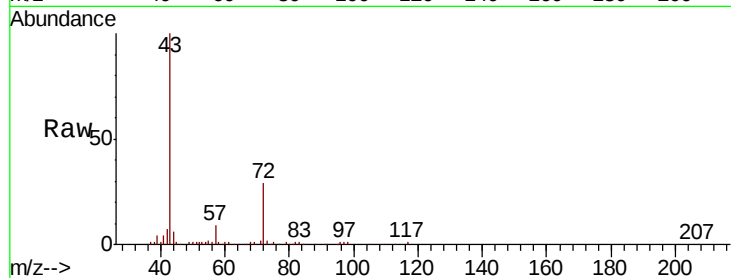
VSTDIC005

Tgt Ion: 43 Resp: 54934

Ion Ratio Lower Upper

43 100

72 29.1 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 5.421 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010102.D

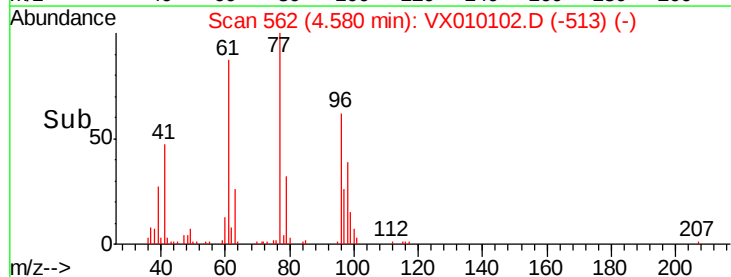
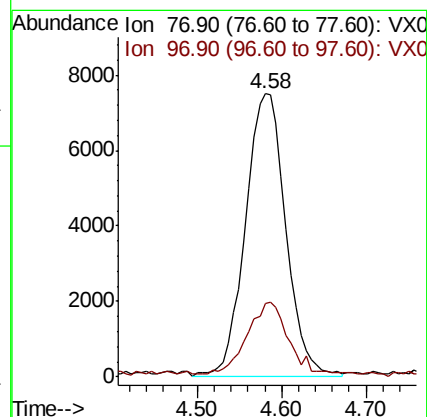
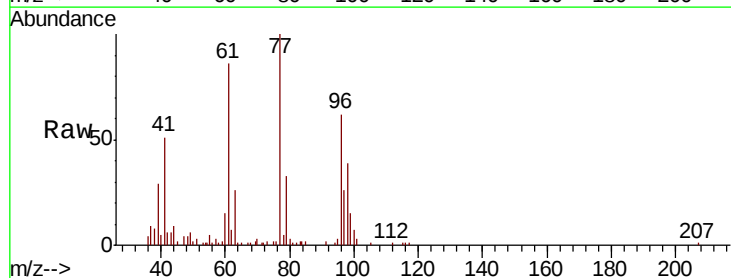
Acq: 07 Jun 2019 11:54

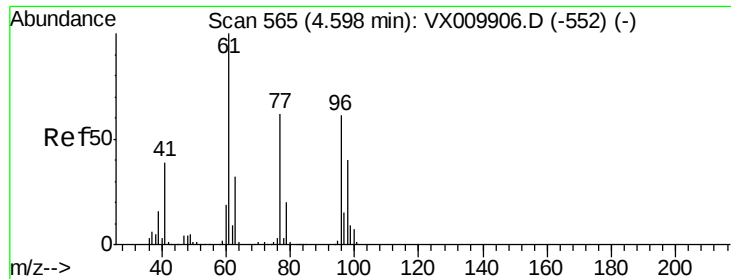
Tgt Ion: 77 Resp: 24492

Ion Ratio Lower Upper

77 100

97 25.4 11.4 34.2



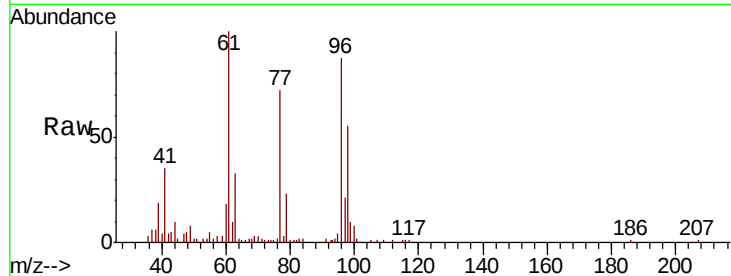


#27

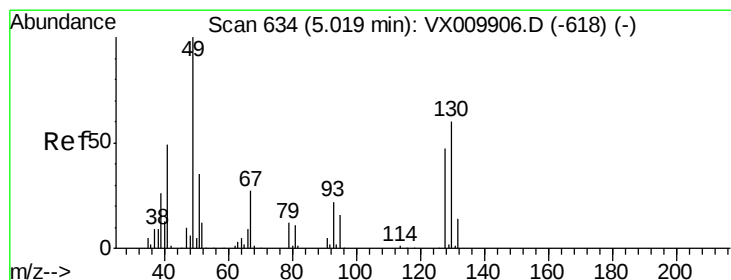
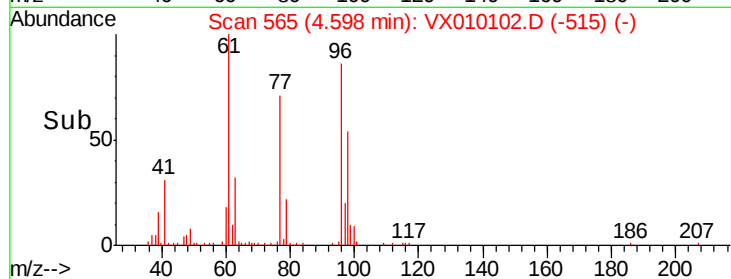
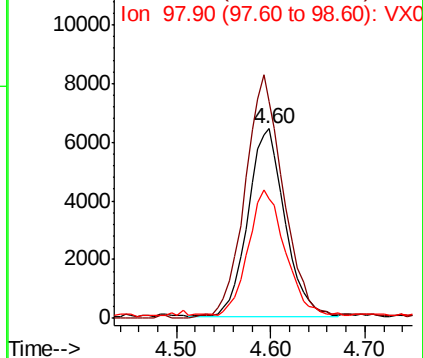
cis-1,2-Dichloroethene
Concen: 5.064 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 17705
Ion Ratio Lower Upper
96 100
61 134.0 0.0 334.0
98 64.9 0.0 131.6



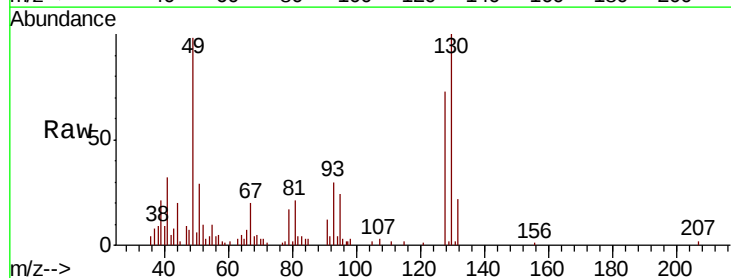
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



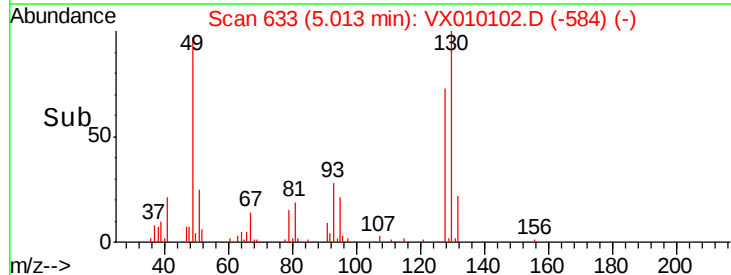
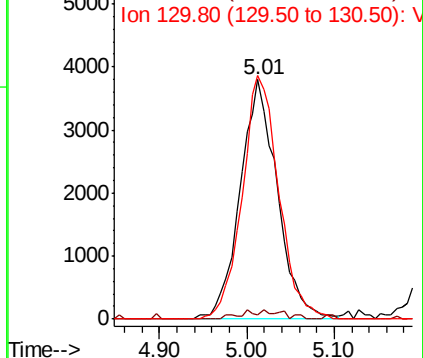
#28

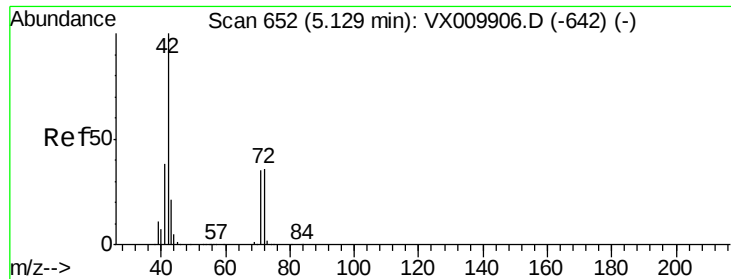
Bromochloromethane
Concen: 5.049 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion: 49 Resp: 11197
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.4
130 100.2 49.4 74.2#



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





#29

Tetrahydrofuran

Concen: 24.878 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

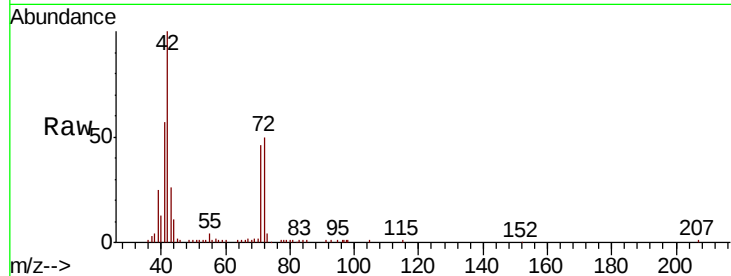
Tgt Ion: 42 Resp: 33908

Ion Ratio Lower Upper

42 100

72 53.1 29.2 43.8#

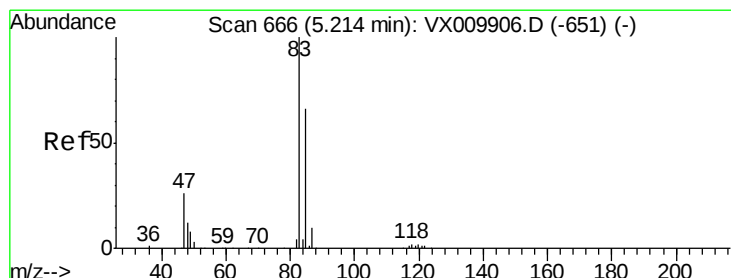
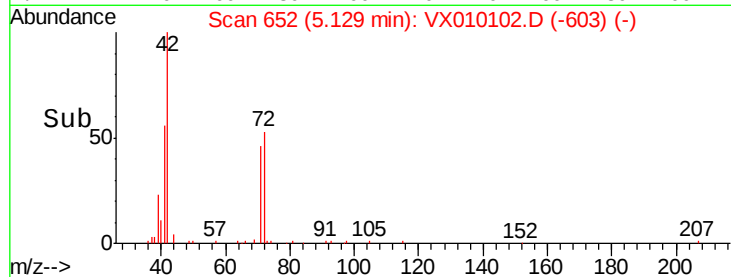
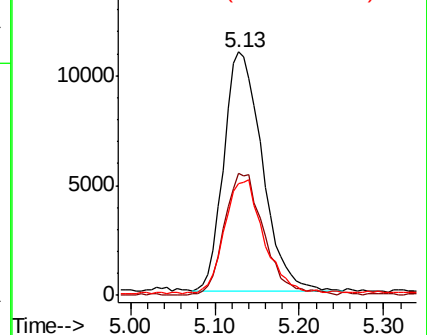
71 48.2 27.6 41.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 5.016 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010102.D

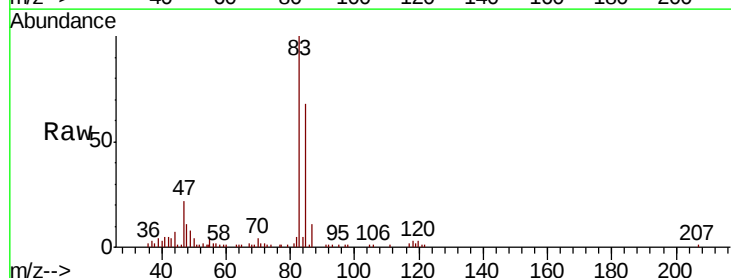
Acq: 07 Jun 2019 11:54

Tgt Ion: 83 Resp: 26069

Ion Ratio Lower Upper

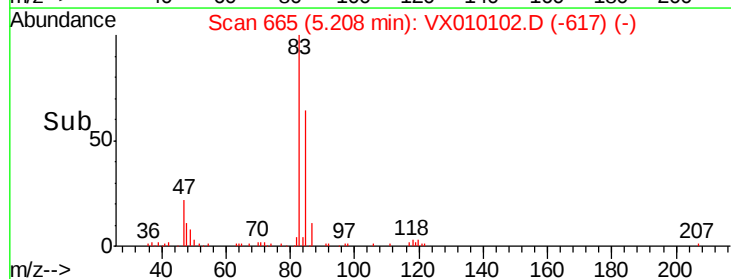
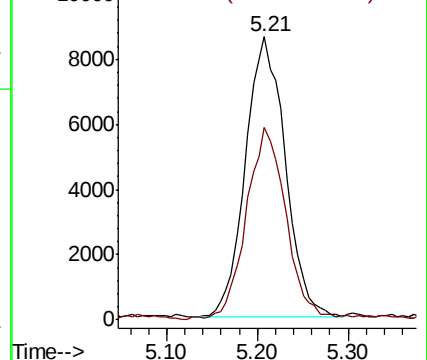
83 100

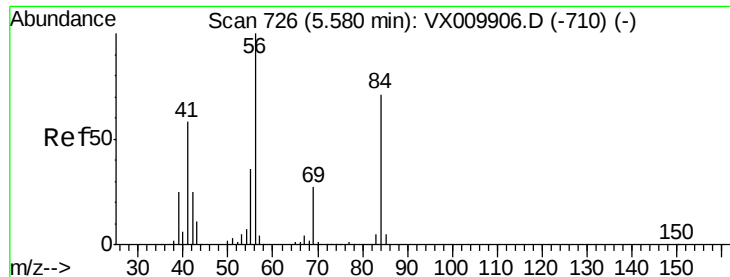
85 67.4 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

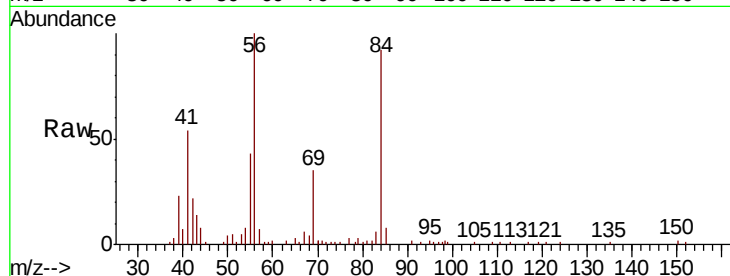




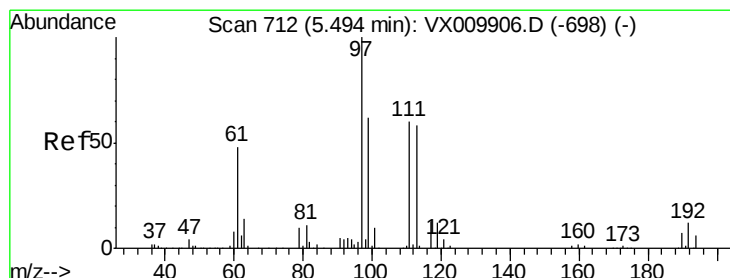
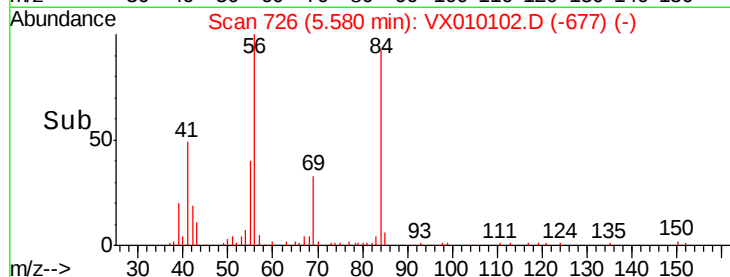
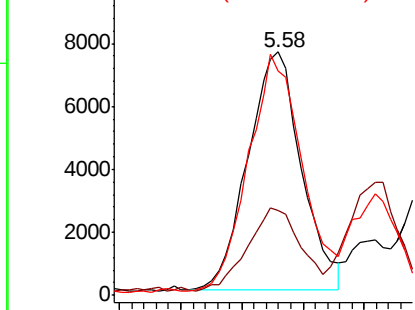
#31
Cyclohexane
Concen: 5.027 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 23029
Ion Ratio Lower Upper
56 100
69 33.7 21.6 32.4#
84 92.0 56.8 85.2#

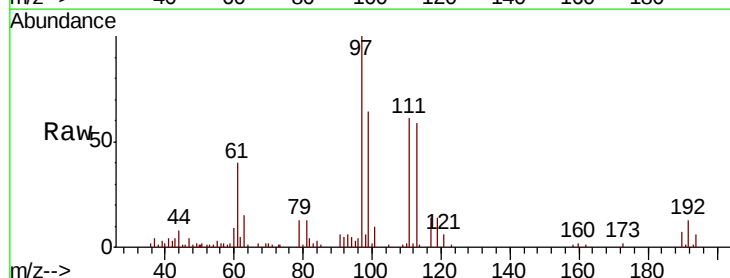


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

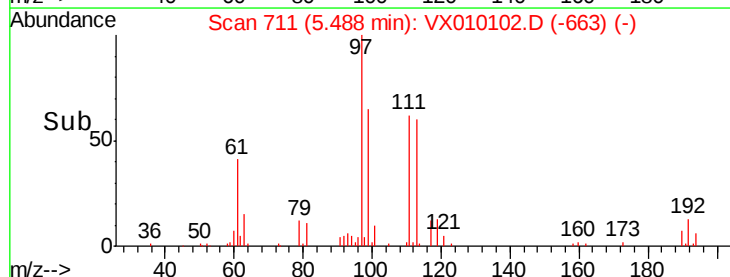
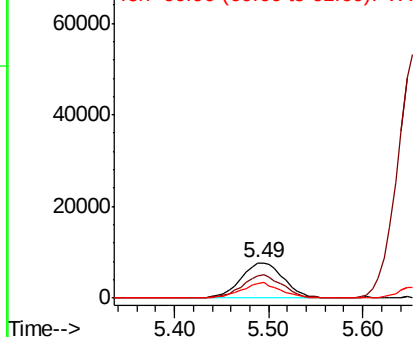


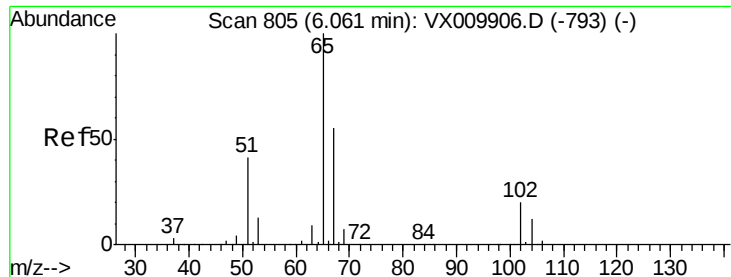
#32
1,1,1-Trichloroethane
Concen: 5.086 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion: 97 Resp: 24096
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 40.2 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: 5.193 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

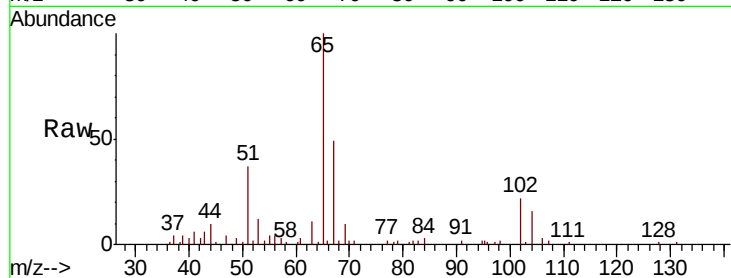
VSTDIC005

Tgt Ion: 65 Resp: 16021

Ion Ratio Lower Upper

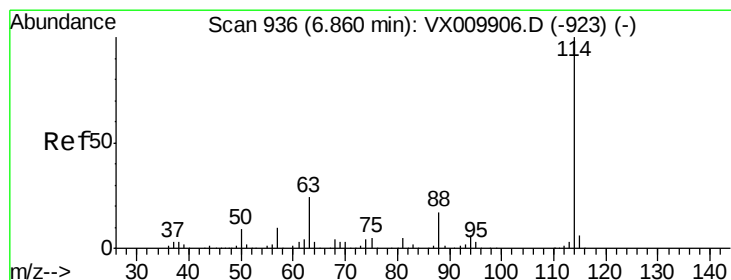
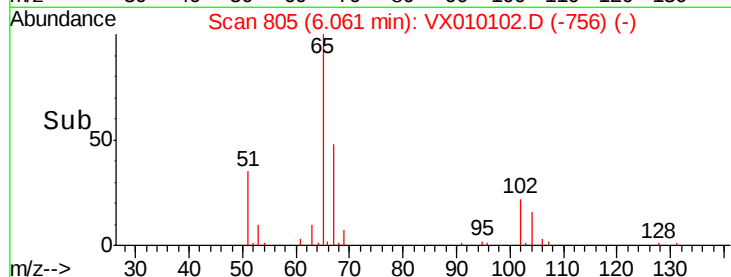
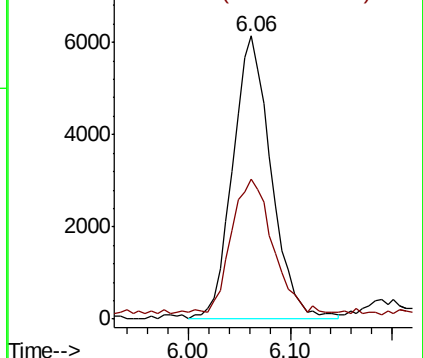
65 100

67 50.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

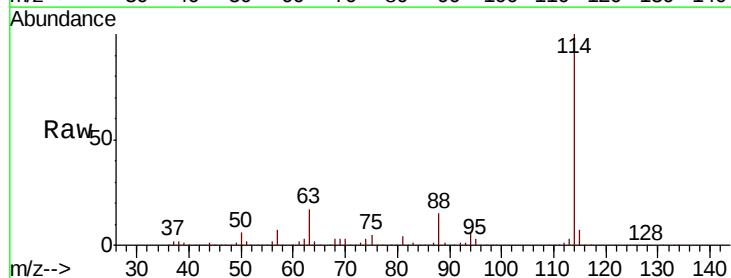
Tgt Ion: 114 Resp: 479814

Ion Ratio Lower Upper

114 100

63 17.1 0.0 47.4

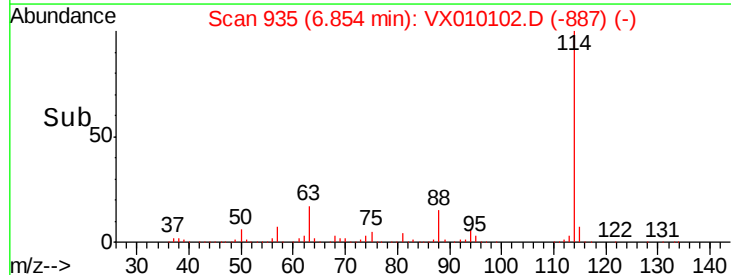
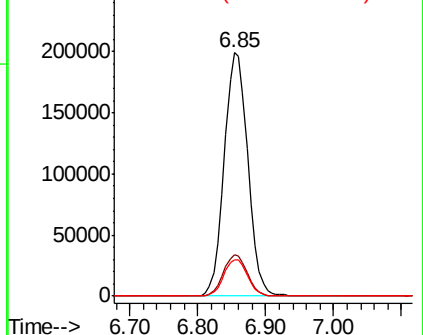
88 14.7 0.0 33.0

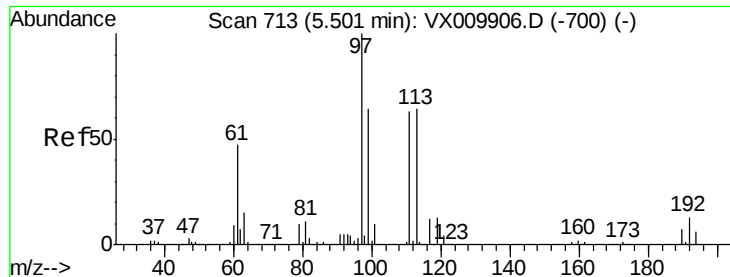


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 5.099 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

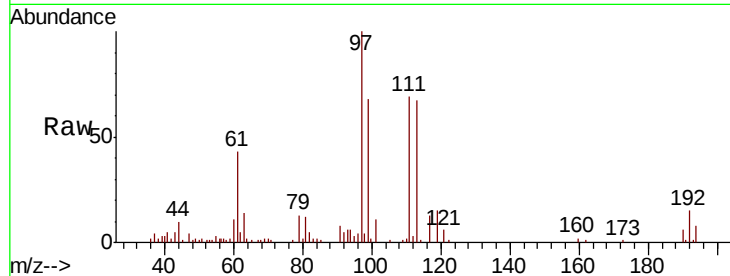
Tgt Ion:113 Resp: 14799

Ion Ratio Lower Upper

113 100

111 106.1 82.2 123.2

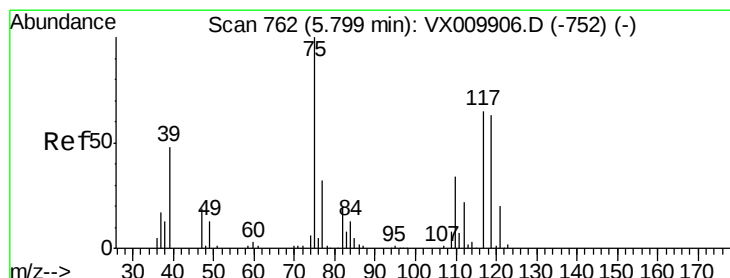
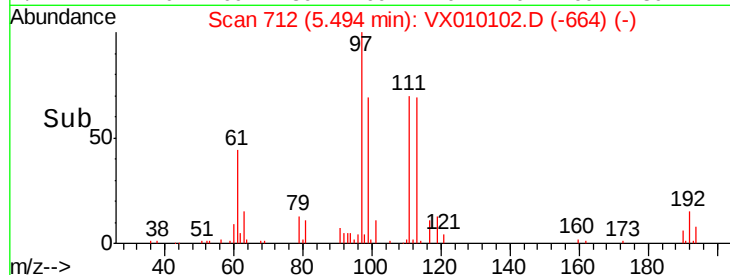
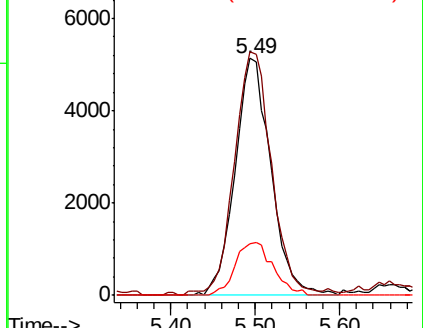
192 23.4 17.1 25.7



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: 5.313 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

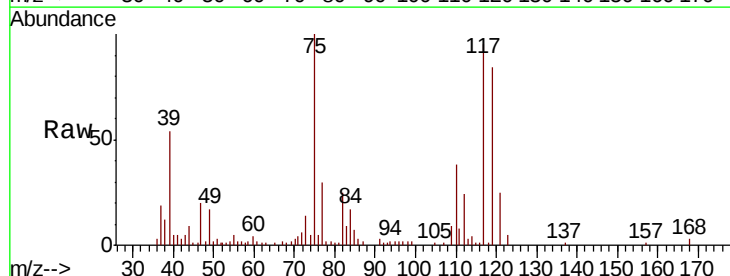
Tgt Ion: 75 Resp: 19913

Ion Ratio Lower Upper

75 100

110 41.7 16.7 50.1

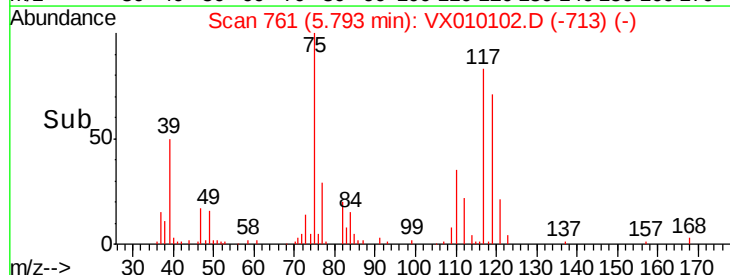
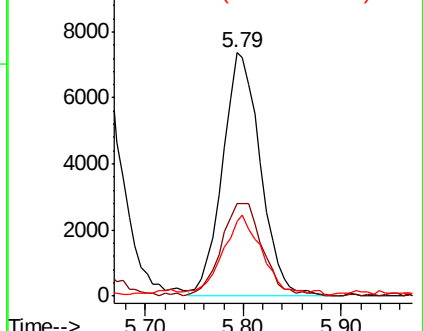
77 32.8 25.0 37.4

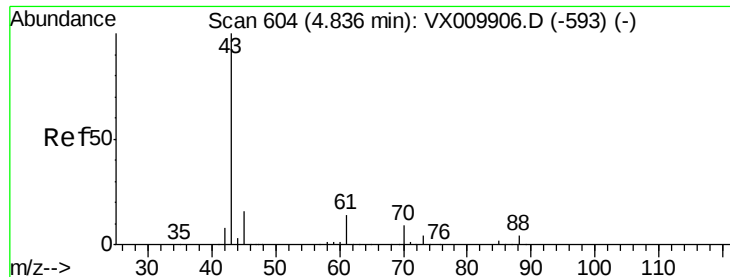


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 5.156 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

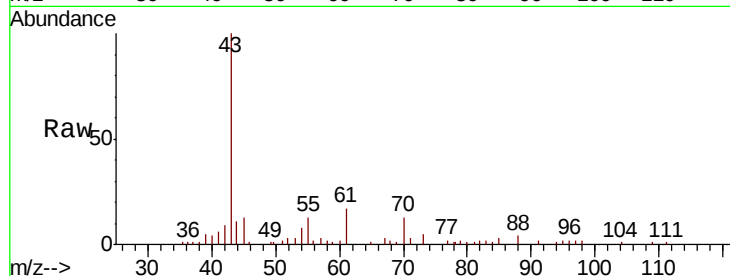
Tgt Ion: 43 Resp: 20342

Ion Ratio Lower Upper

43 100

61 16.3 10.2 15.2#

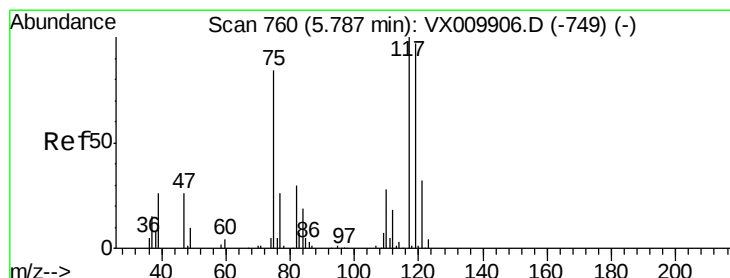
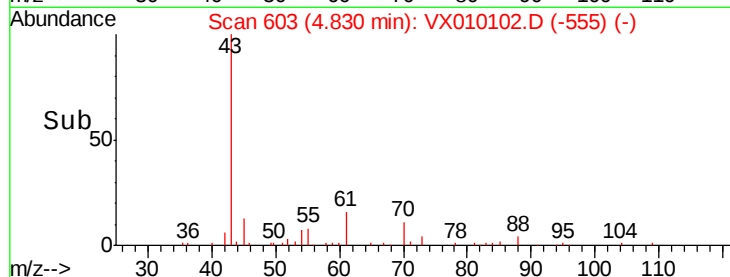
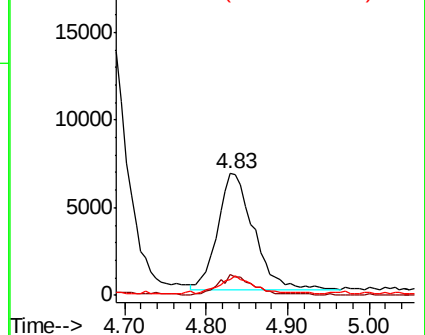
70 16.7 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 5.296 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

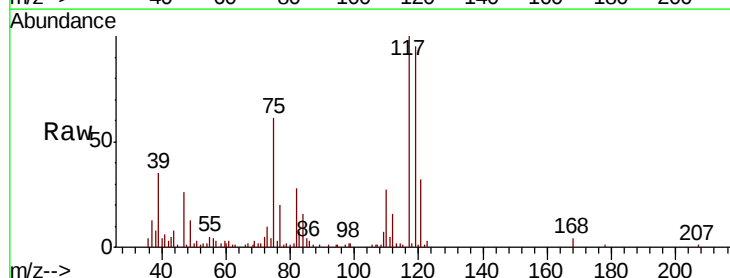
Tgt Ion: 117 Resp: 22487

Ion Ratio Lower Upper

117 100

119 95.2 77.3 115.9

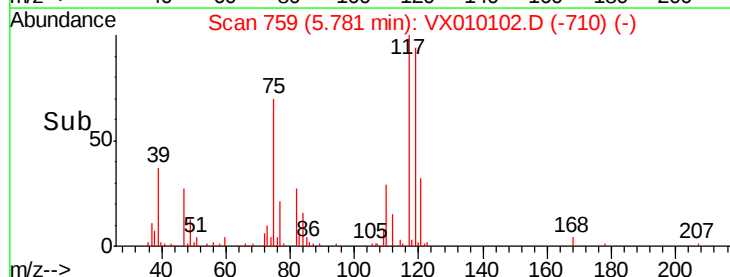
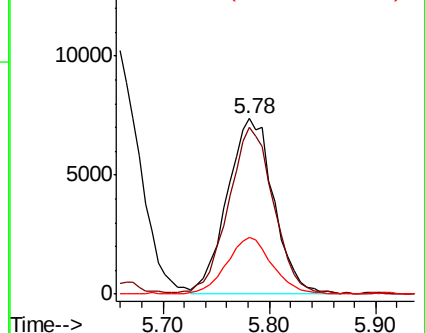
121 32.2 25.4 38.0

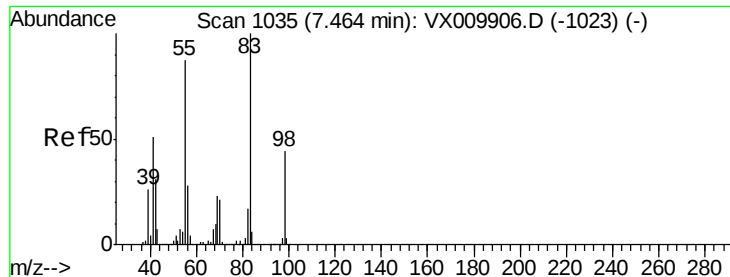


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

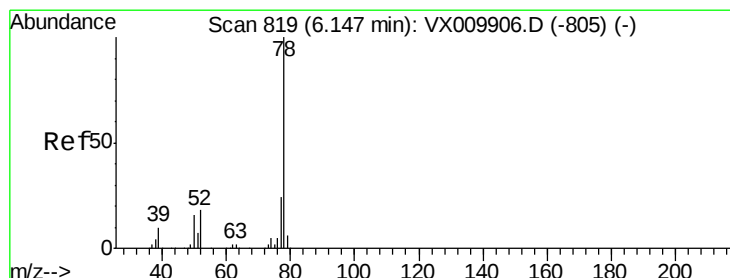
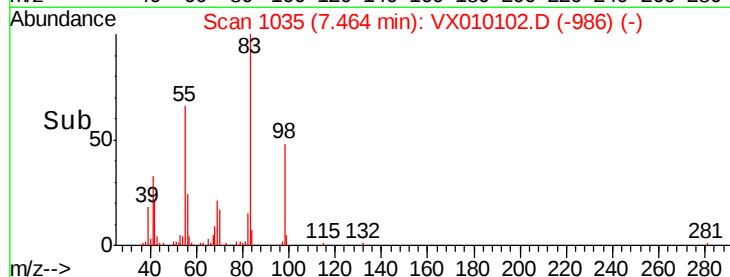
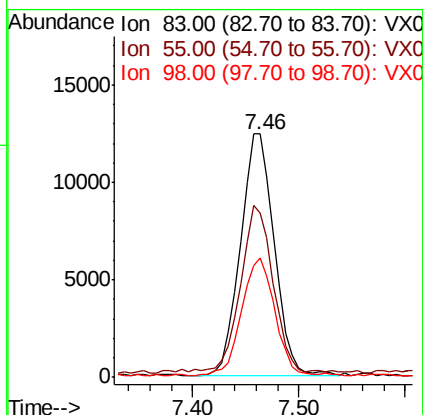
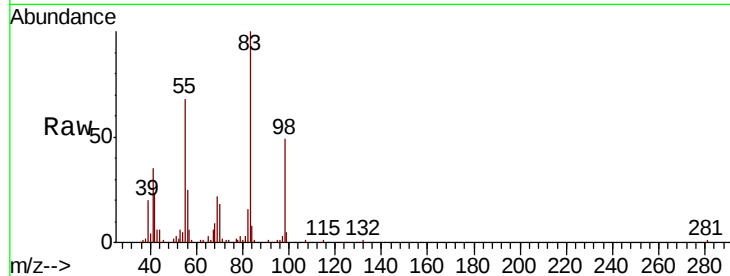




#39
Methylcyclohexane
Concen: 5.430 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

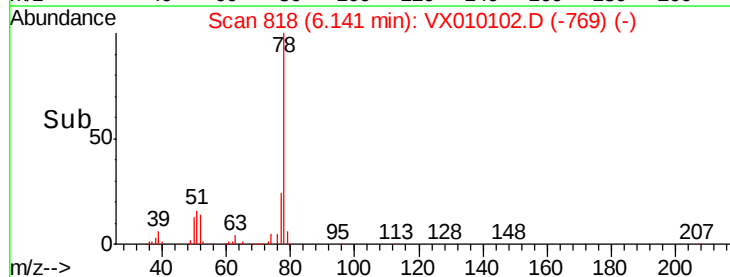
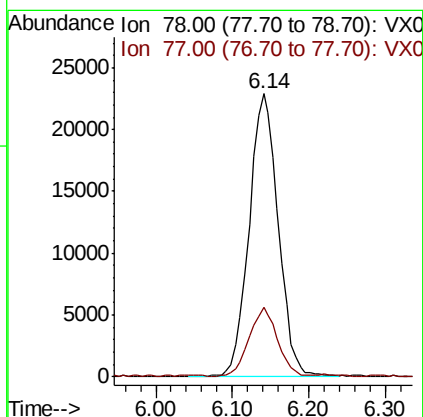
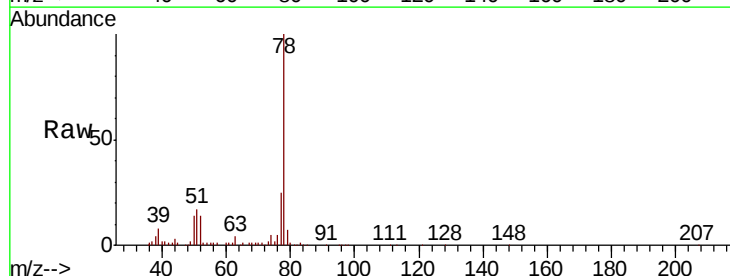
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

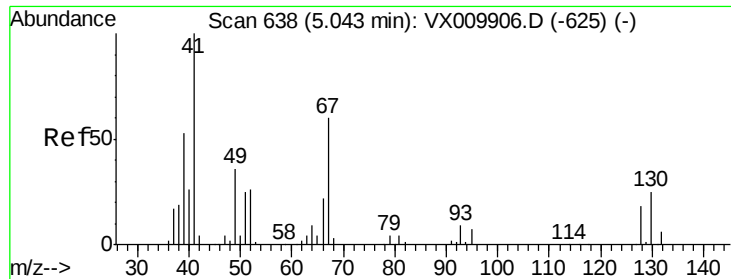
Tgt Ion: 83 Resp: 27551
Ion Ratio Lower Upper
83 100
55 66.2 69.9 104.9#
98 48.9 35.1 52.7



#40
Benzene
Concen: 5.161 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion: 78 Resp: 60872
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8





#41

Methacrylonitrile

Concen: 5.075 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 10937

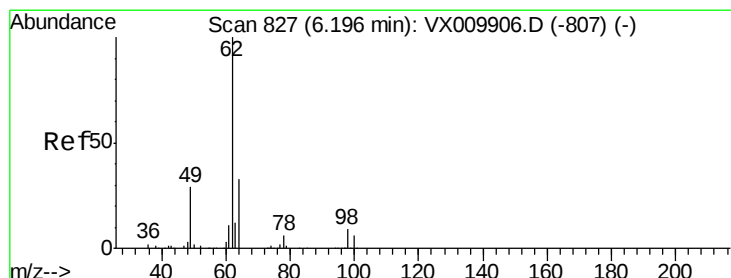
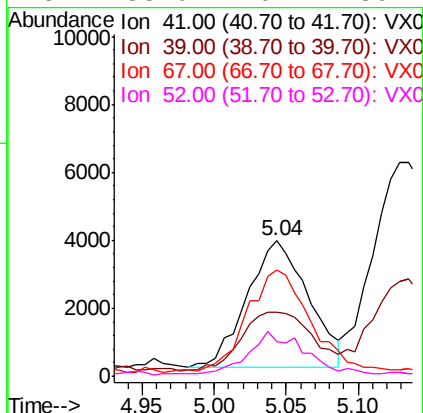
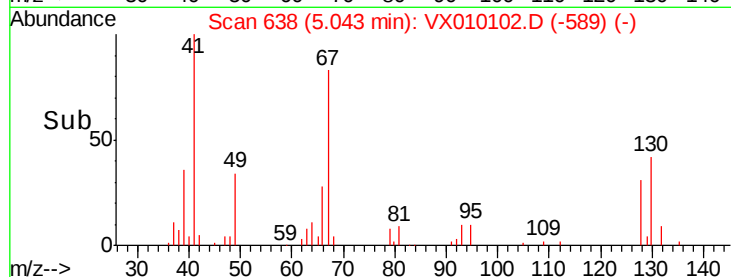
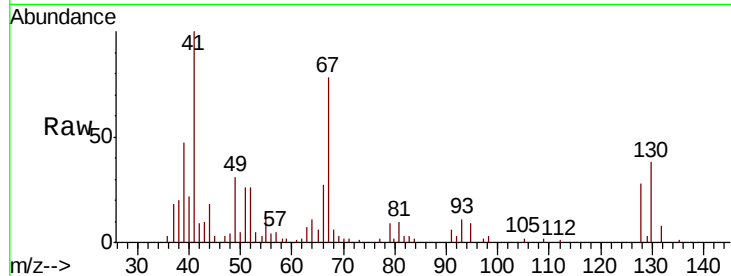
Ion Ratio Lower Upper

41 100

39 54.7 42.2 63.4

67 84.4 48.9 73.3#

52 33.0 20.1 30.1#



#42

1,2-Dichloroethane

Concen: 5.231 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010102.D

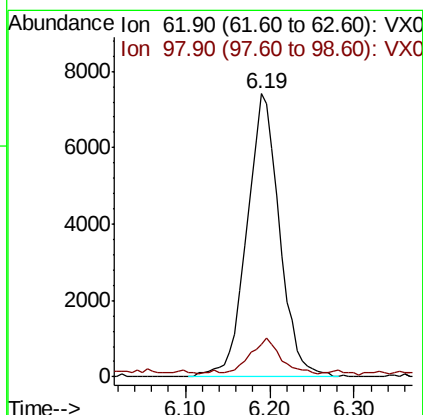
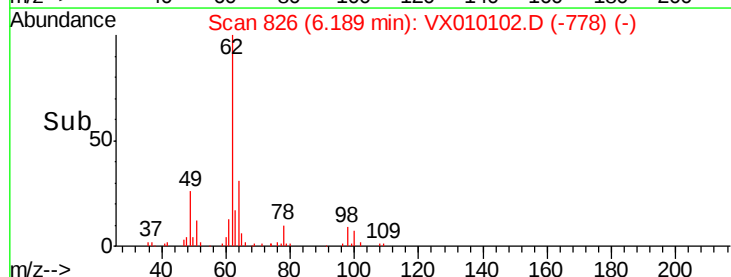
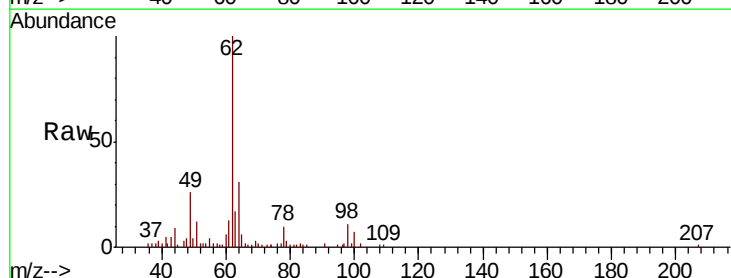
Acq: 07 Jun 2019 11:54

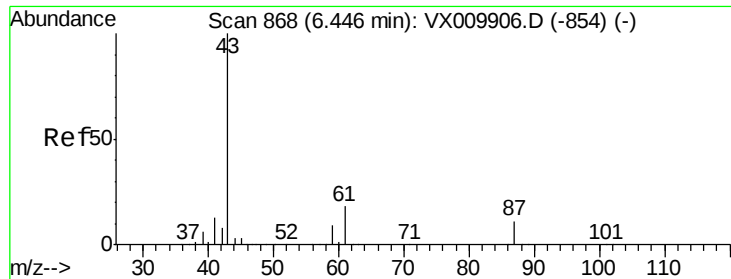
Tgt Ion: 62 Resp: 19607

Ion Ratio Lower Upper

62 100

98 11.2 0.0 17.2





#43

Isopropyl Acetate

Concen: 5.207 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

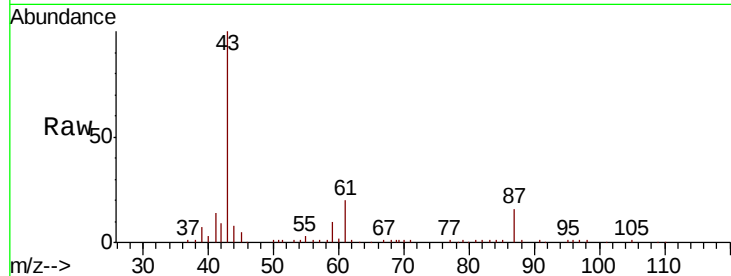
Tgt Ion: 43 Resp: 34231

Ion Ratio Lower Upper

43 100

61 22.4 14.6 21.8#

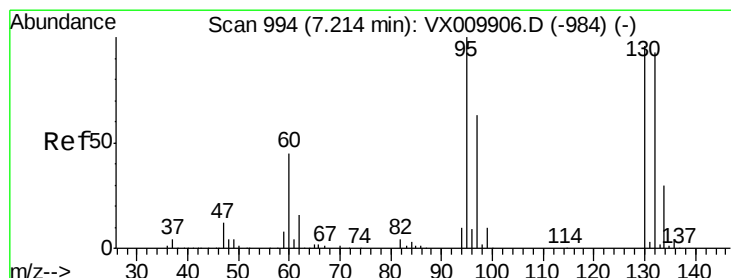
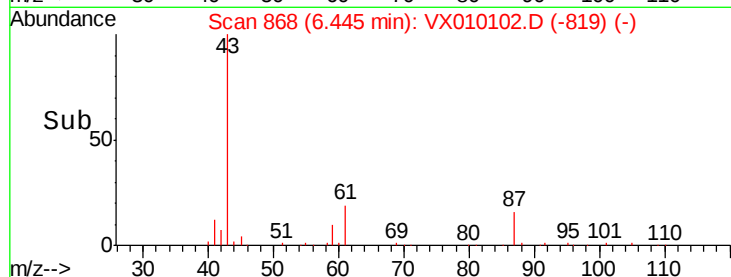
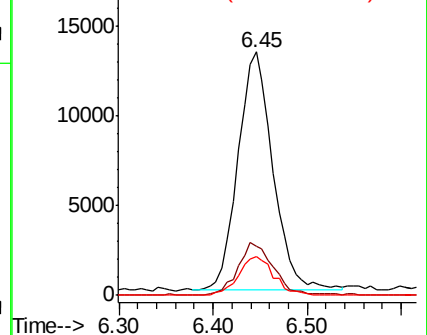
87 16.4 8.7 13.1#



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: 5.183 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010102.D

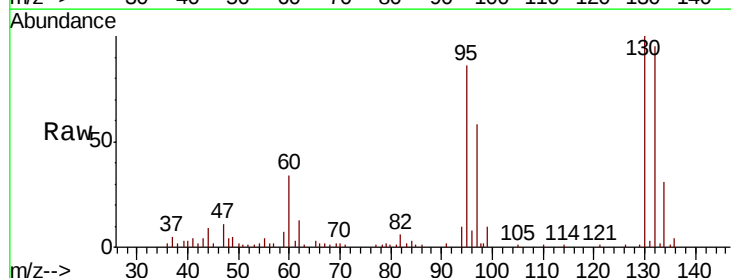
Acq: 07 Jun 2019 11:54

Tgt Ion: 130 Resp: 18037

Ion Ratio Lower Upper

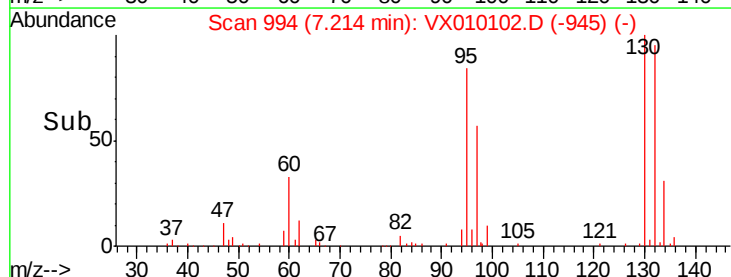
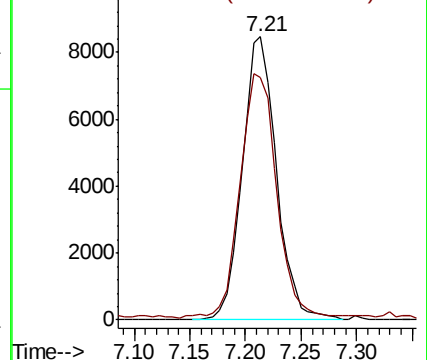
130 100

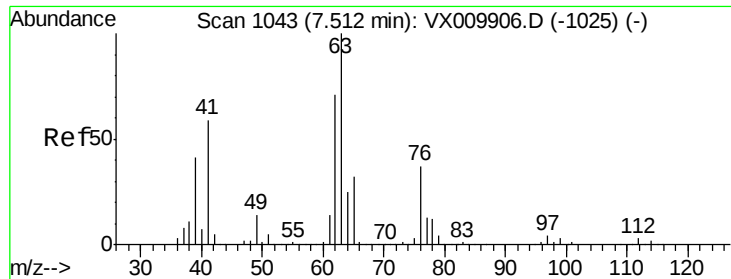
95 84.3 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 5.105 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

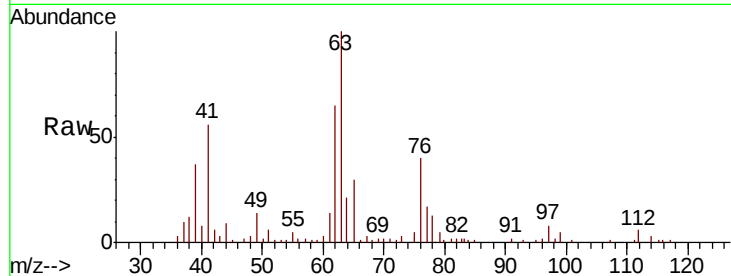
VSTDIC005

Tgt Ion: 63 Resp: 15049

Ion Ratio Lower Upper

63 100

65 29.4 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

8000

6000

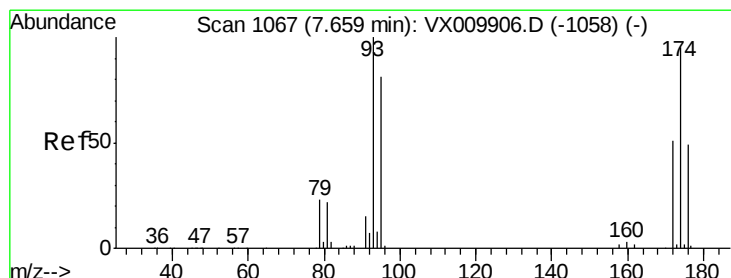
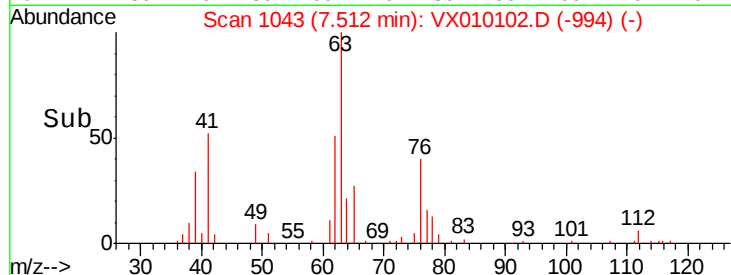
4000

2000

0

7.45 7.50 7.55 7.60

Time-->



#46

Dibromomethane

Concen: 5.383 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

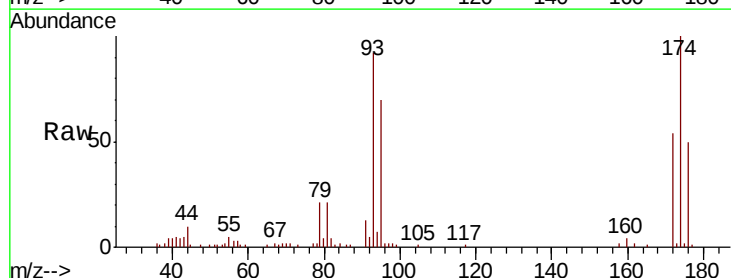
Tgt Ion: 93 Resp: 11428

Ion Ratio Lower Upper

93 100

95 81.5 66.8 100.2

174 112.6 81.9 122.9



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

8000

6000

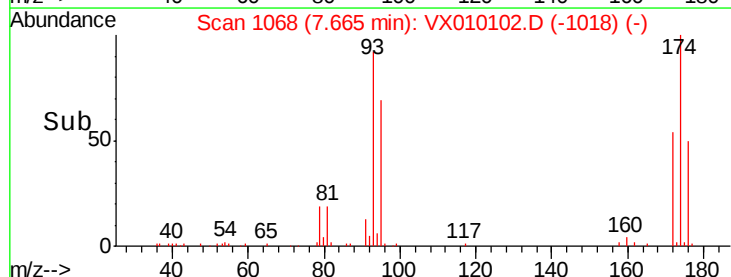
4000

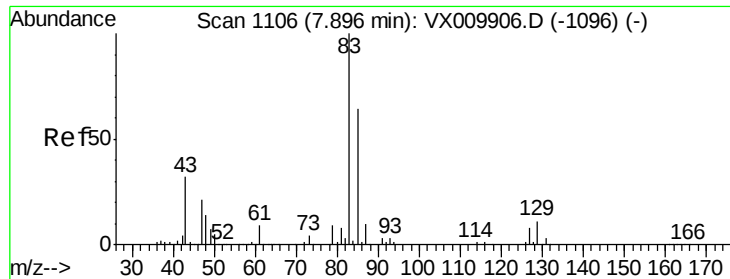
2000

0

7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 5.175 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

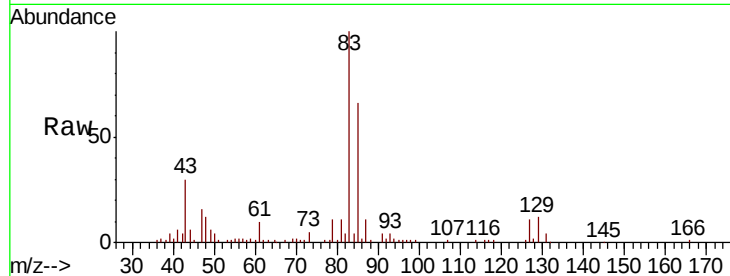
Tgt Ion: 83 Resp: 21425

Ion Ratio Lower Upper

83 100

85 66.1 51.4 77.2

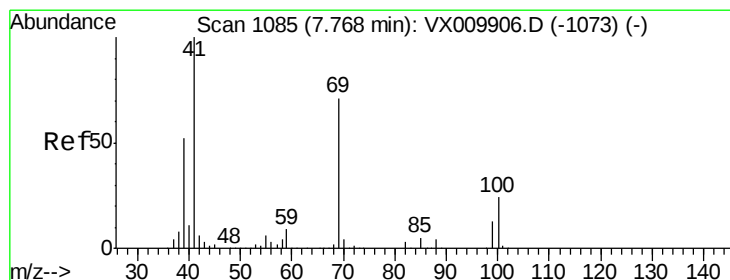
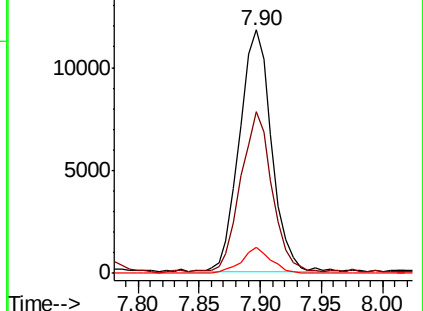
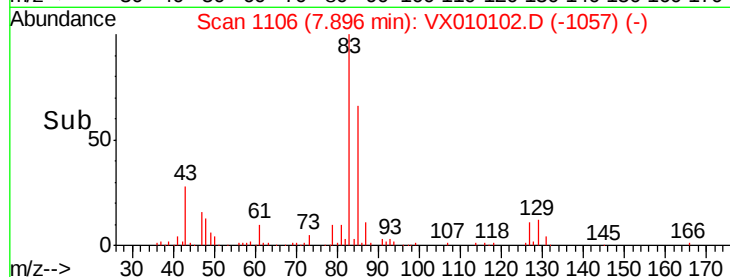
127 10.9 6.4 9.6#



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: 4.891 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

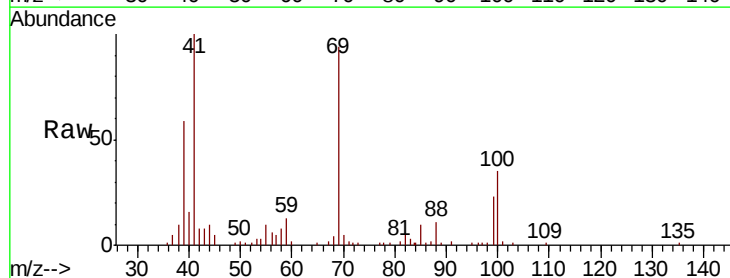
Tgt Ion: 41 Resp: 15582

Ion Ratio Lower Upper

41 100

69 95.3 56.4 84.6#

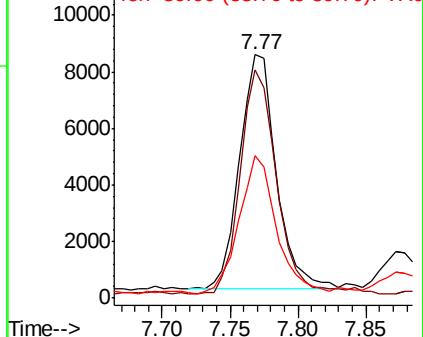
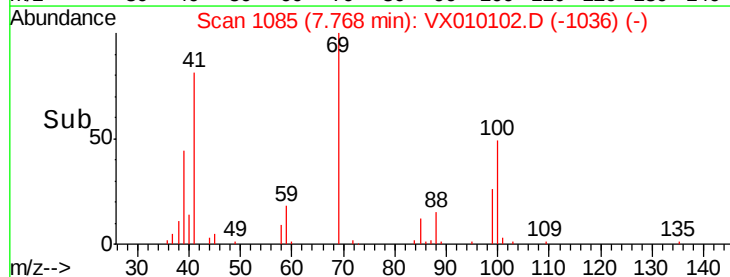
39 60.0 40.6 60.8

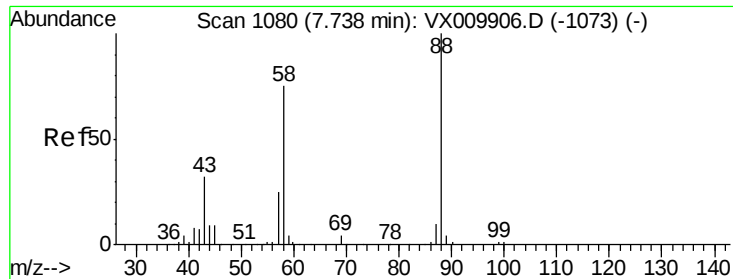


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

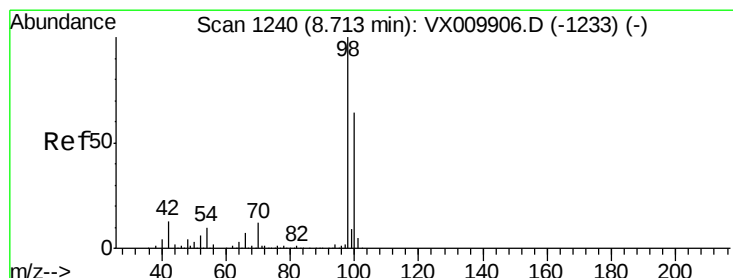
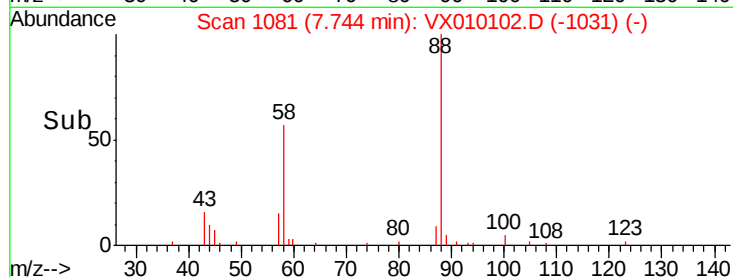
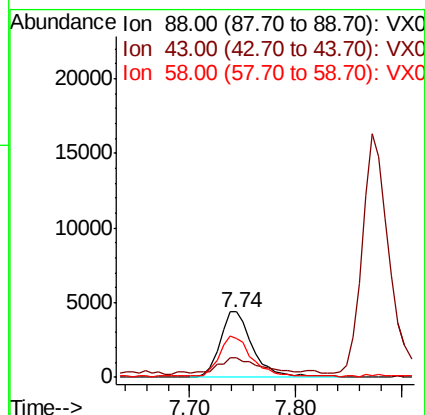
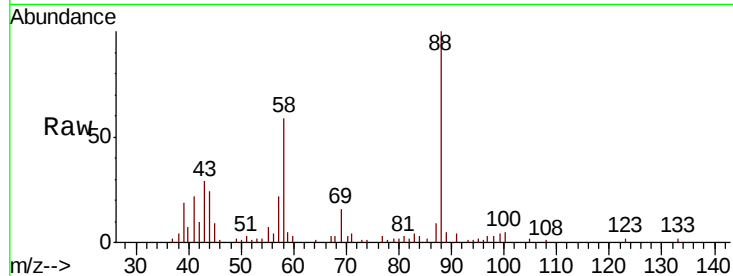




#49
1,4-Dioxane
Concen: 106.149 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

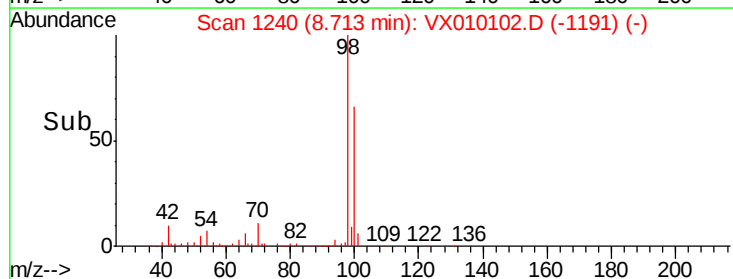
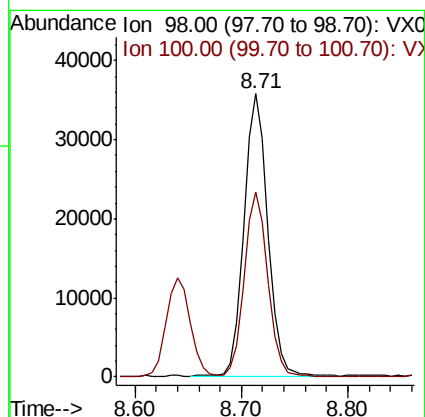
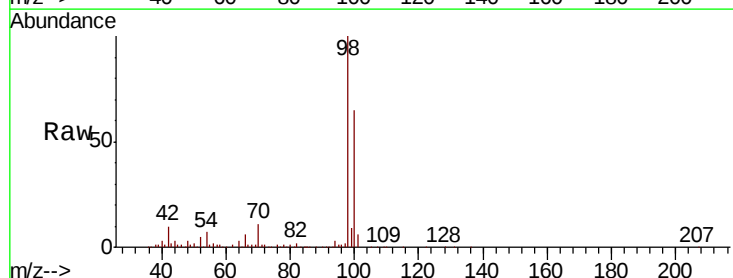
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

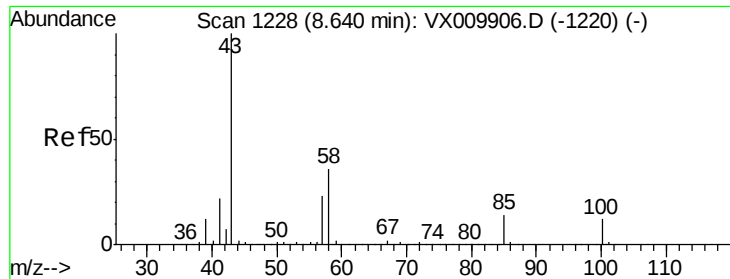
Tgt Ion: 88 Resp: 9300
Ion Ratio Lower Upper
88 100
43 27.0 30.2 45.4#
58 68.3 64.0 96.0



#50
Toluene-d8
Concen: 5.051 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion: 98 Resp: 55751
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 25.713 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

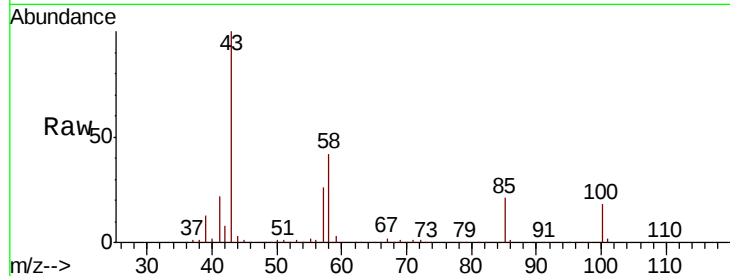
VSTDIC005

Tgt Ion: 43 Resp: 105581

Ion Ratio Lower Upper

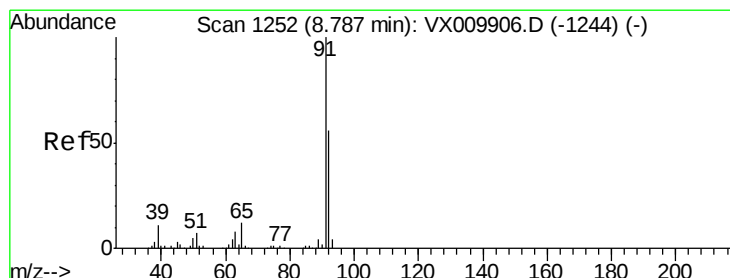
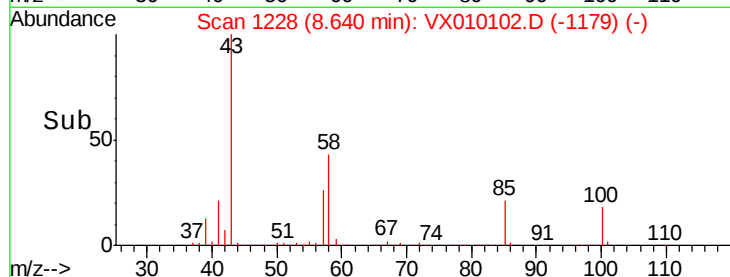
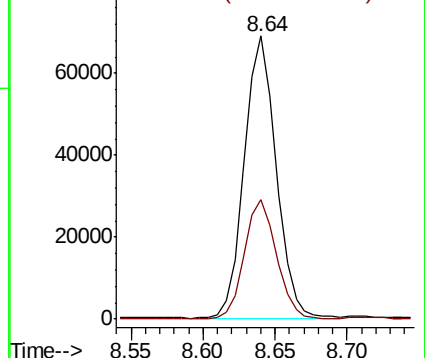
43 100

58 42.6 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 5.354 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010102.D

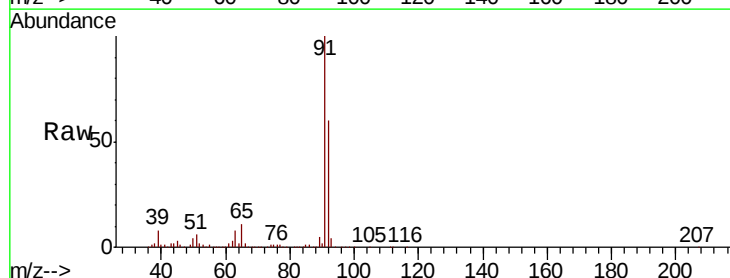
Acq: 07 Jun 2019 11:54

Tgt Ion: 92 Resp: 40930

Ion Ratio Lower Upper

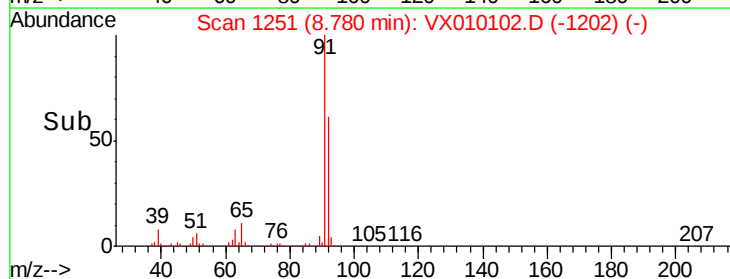
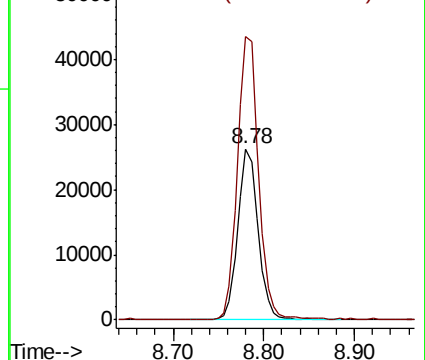
92 100

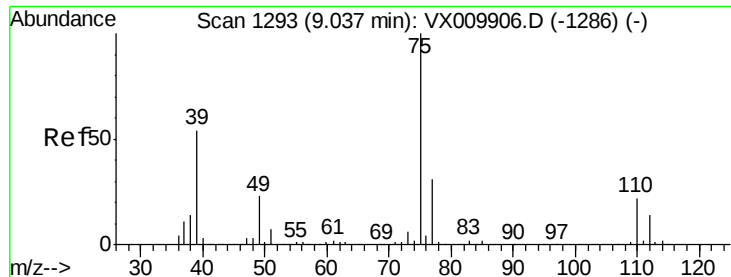
91 169.7 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

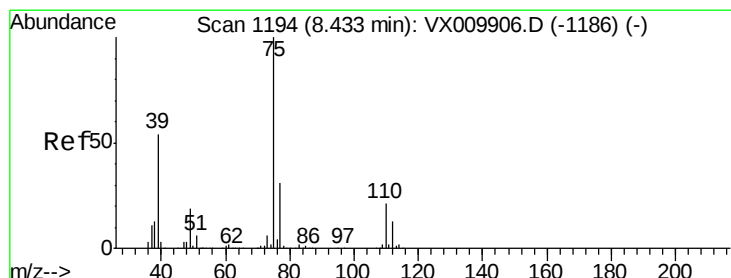
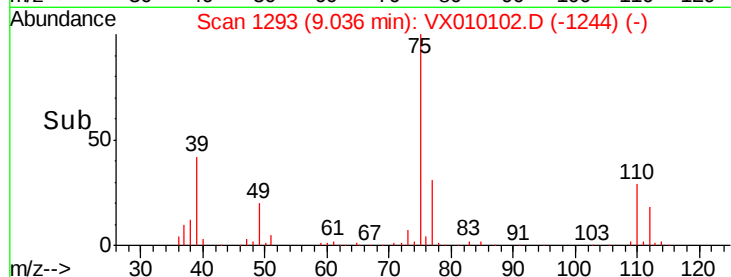
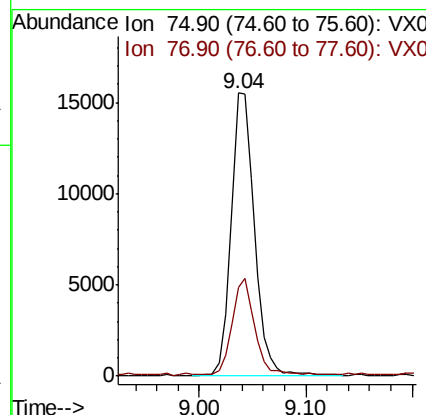
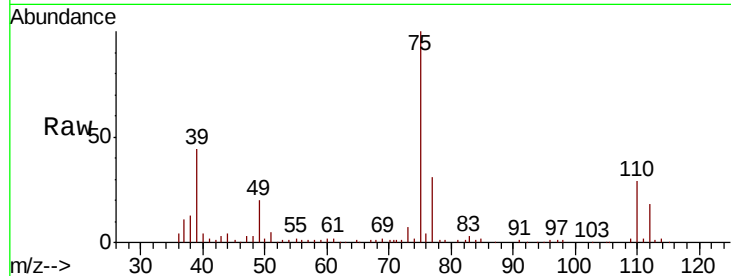




#53
t-1,3-Dichloropropene
Concen: 5.015 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

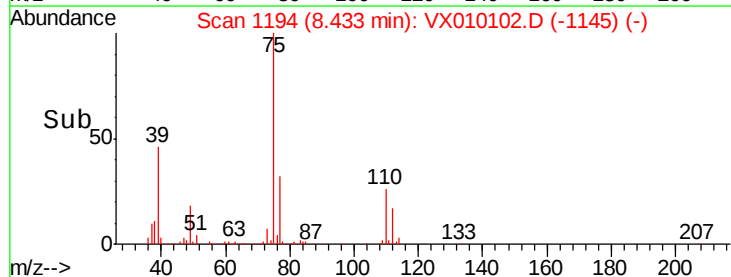
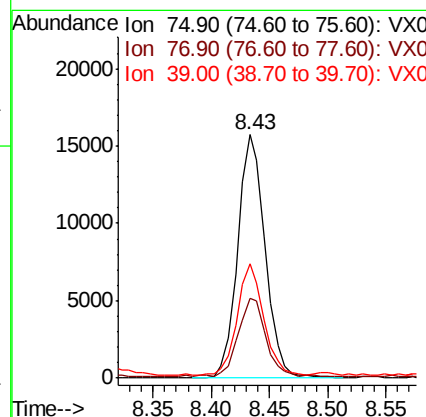
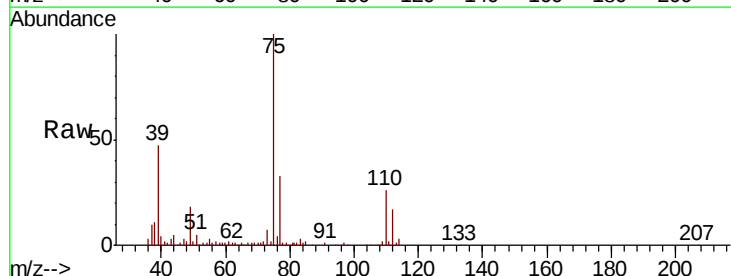
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

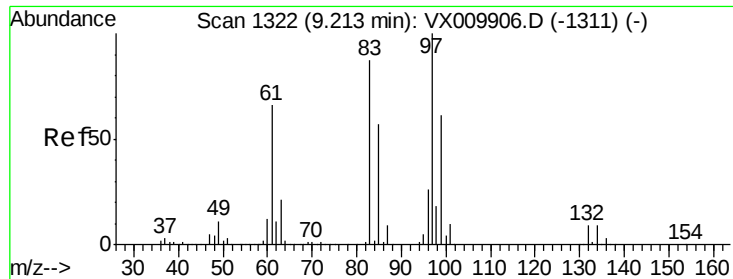
Tgt Ion: 75 Resp: 24113
Ion Ratio Lower Upper
75 100
77 30.8 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 5.075 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion: 75 Resp: 25881
Ion Ratio Lower Upper
75 100
77 32.3 24.8 37.2
39 45.4 43.4 65.0

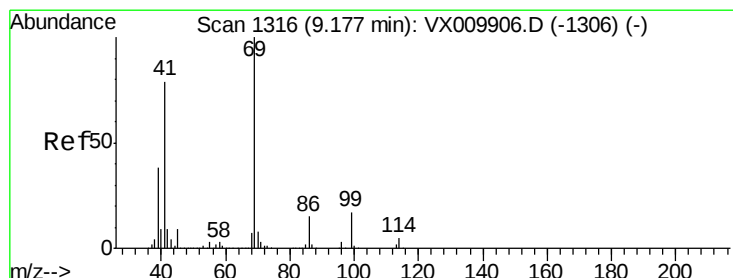
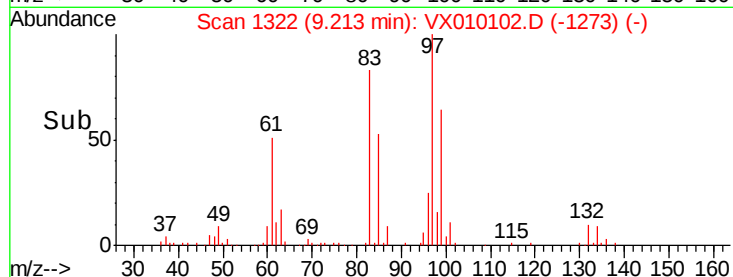
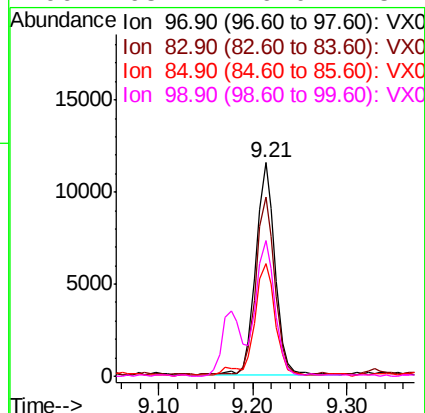
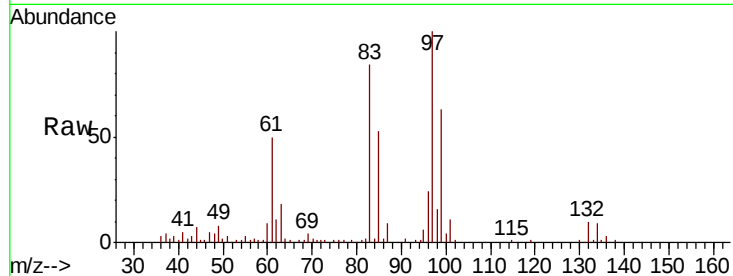




#55
 1,1,2-Trichloroethane
 Concen: 5.288 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

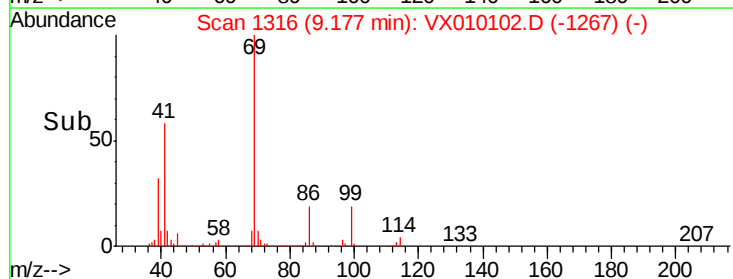
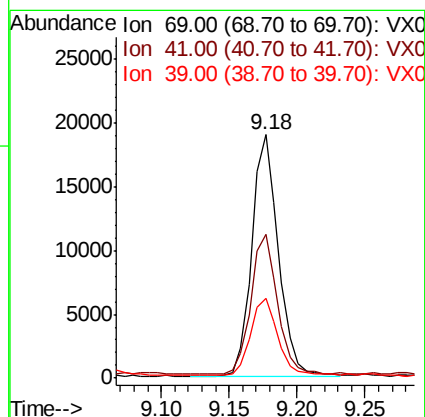
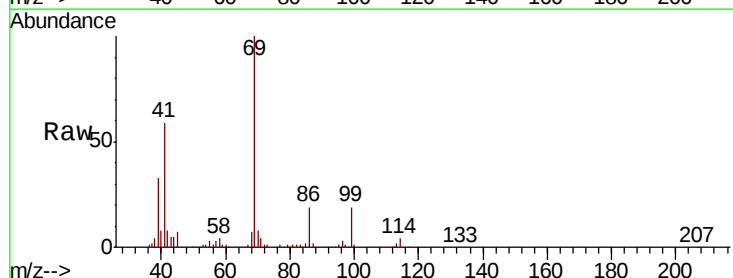
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

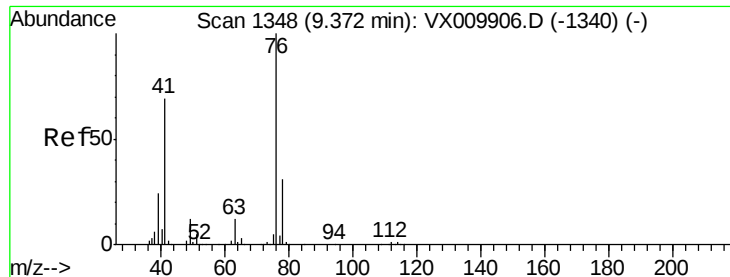
Tgt Ion: 97 Resp: 16922
 Ion Ratio Lower Upper
 97 100
 83 83.5 69.8 104.8
 85 52.3 45.3 67.9
 99 63.7 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 5.118 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion: 69 Resp: 26235
 Ion Ratio Lower Upper
 69 100
 41 57.3 62.7 94.1#
 39 32.3 29.5 44.3

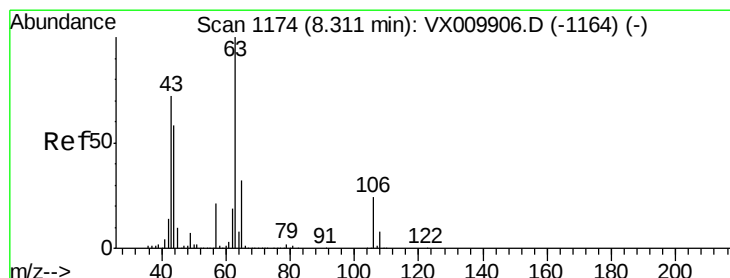
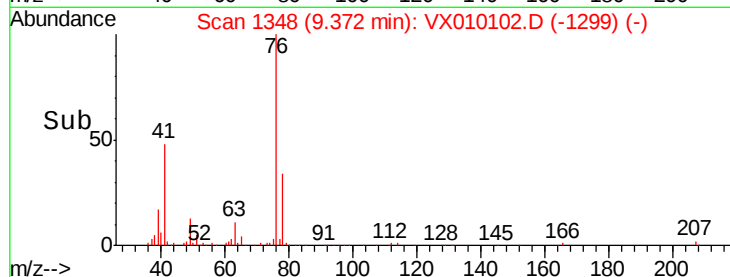
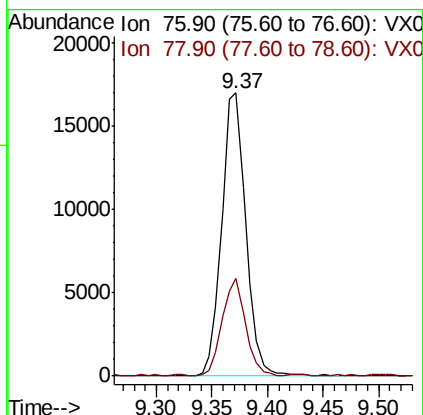
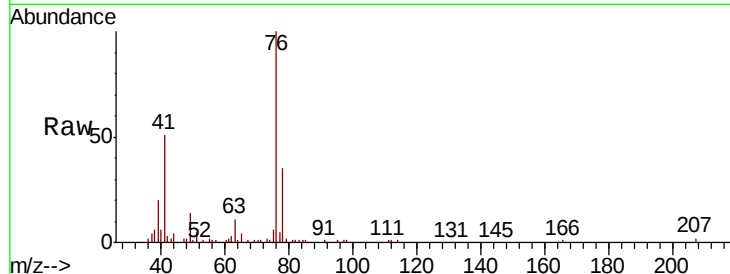




#57
 1,3-Dichloropropane
 Concen: 5.151 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

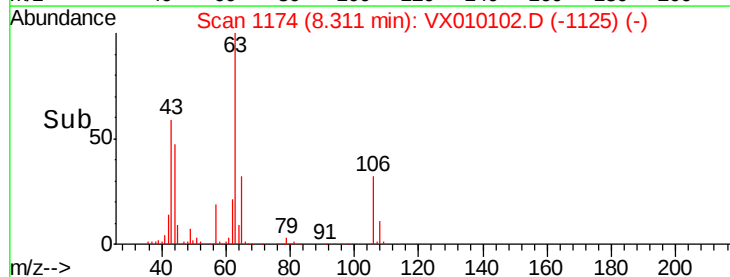
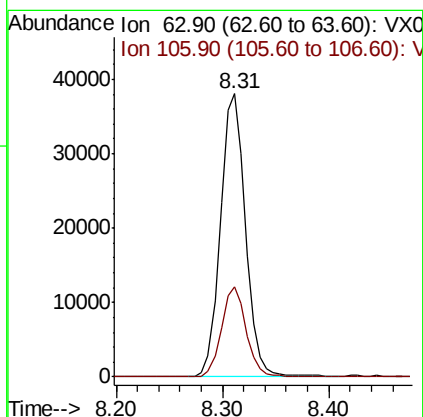
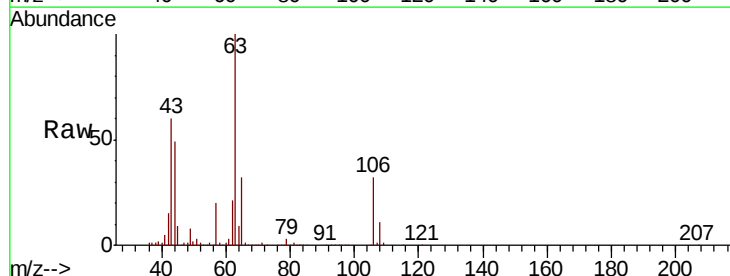
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

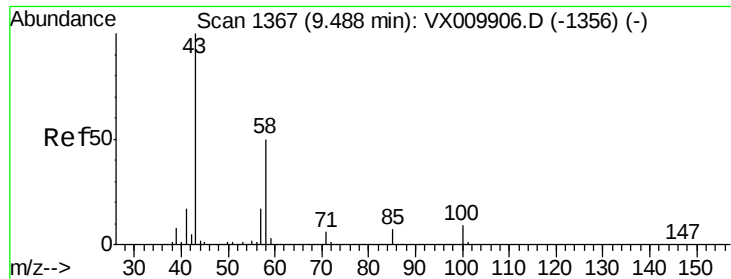
Tgt Ion: 76 Resp: 25590
 Ion Ratio Lower Upper
 76 100
 78 33.4 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.349 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion: 63 Resp: 62021
 Ion Ratio Lower Upper
 63 100
 106 31.5 19.4 29.2#

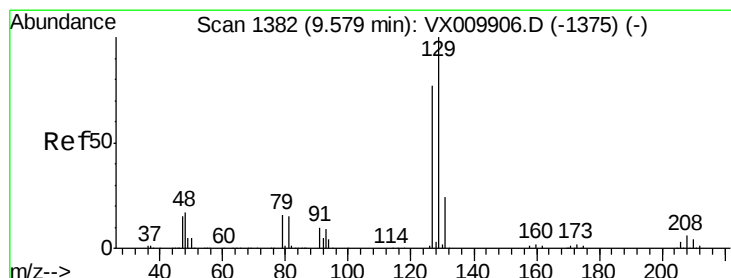
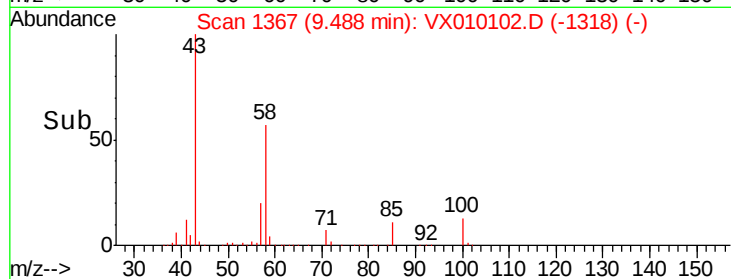
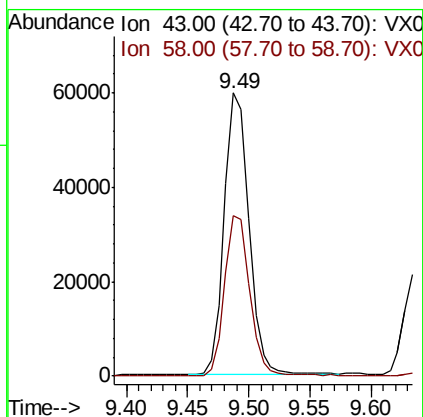
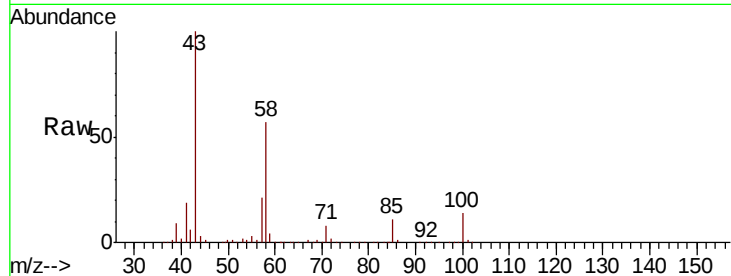




#59
2-Hexanone
Concen: 26.008 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

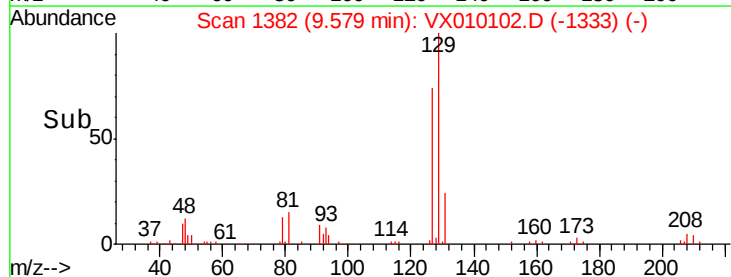
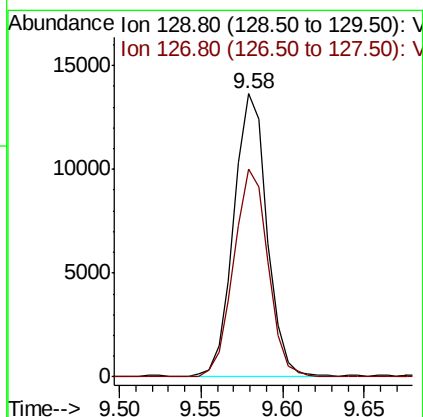
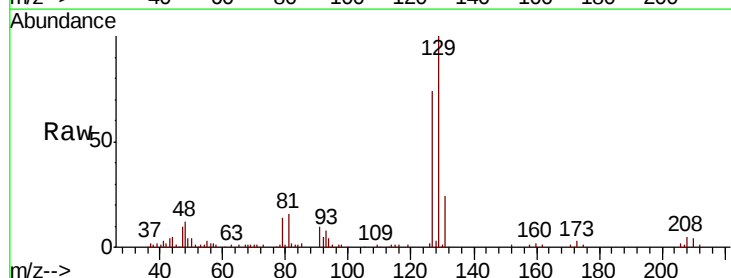
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

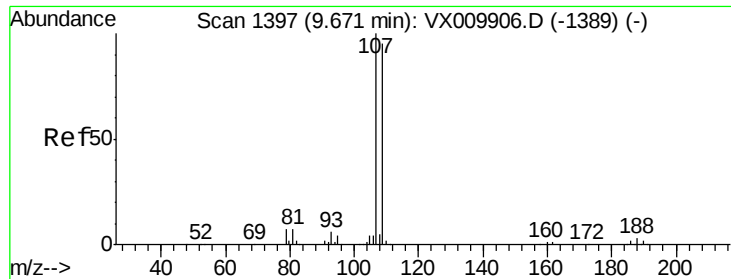
Tgt Ion: 43 Resp: 84506
Ion Ratio Lower Upper
43 100
58 57.1 25.1 75.3



#60
Dibromochloromethane
Concen: 5.128 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion: 129 Resp: 19405
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.5

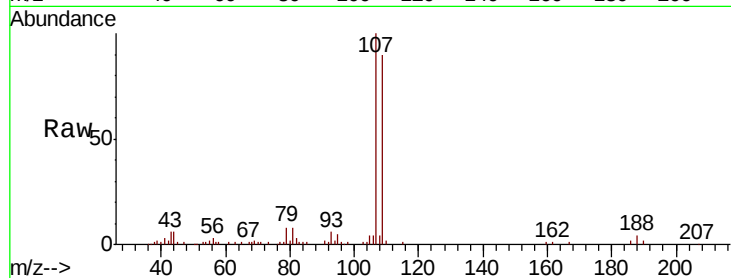




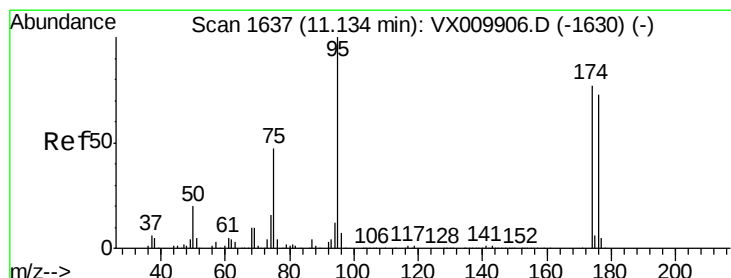
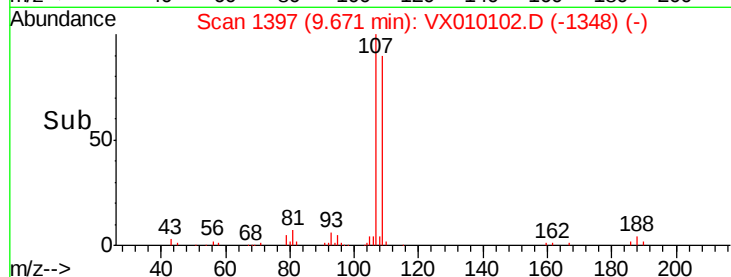
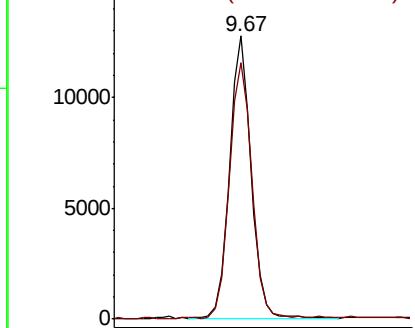
#61
 1,2-Dibromoethane
 Concen: 5.231 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 107 Resp: 18362
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.4 113.2

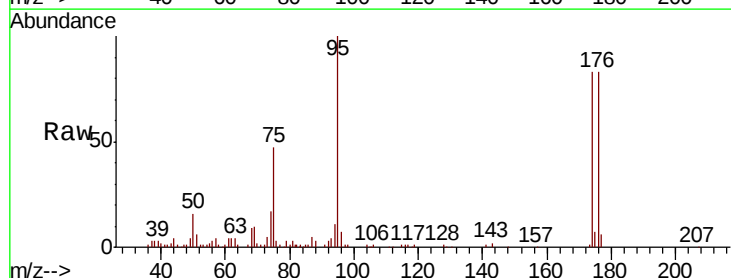


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

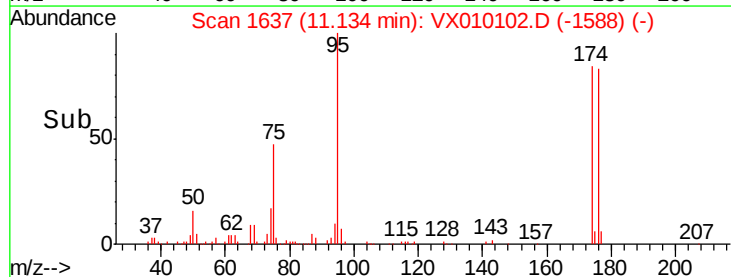
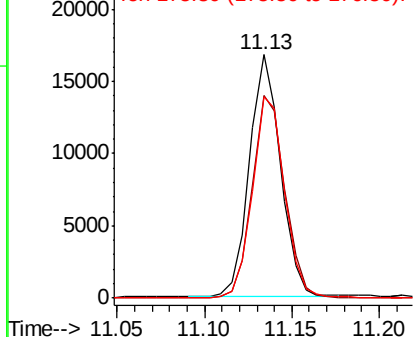


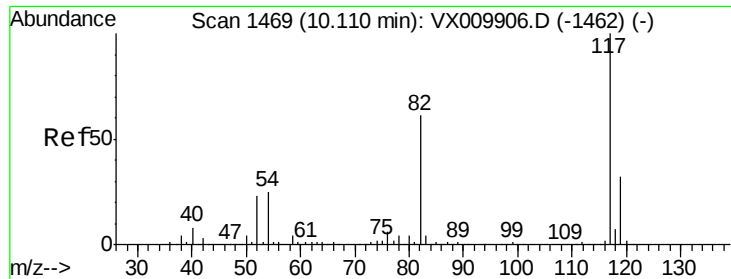
#62
 4-Bromofluorobenzene
 Concen: 5.032 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion: 95 Resp: 20787
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 160.4
 176 85.8 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

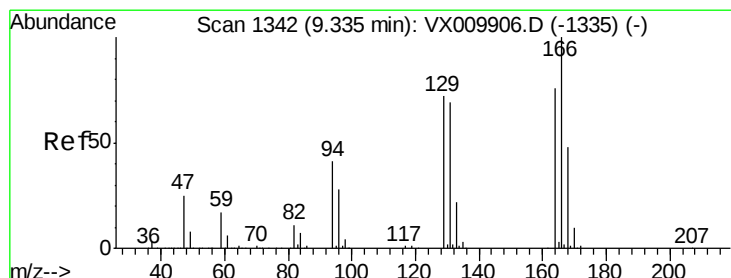
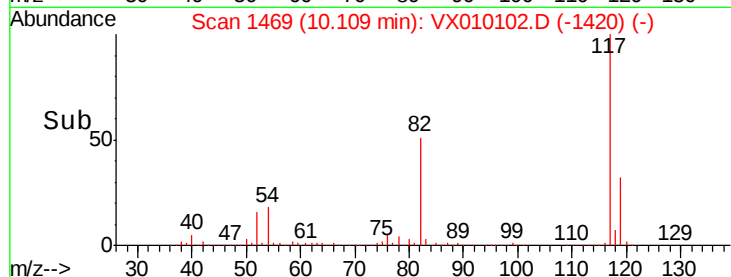
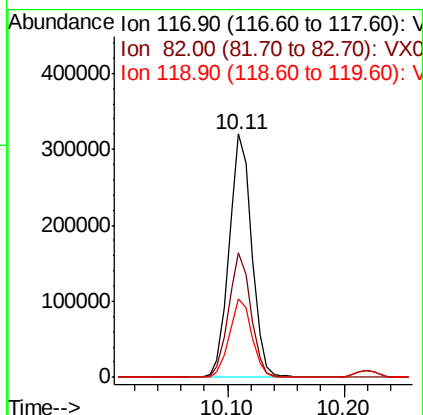
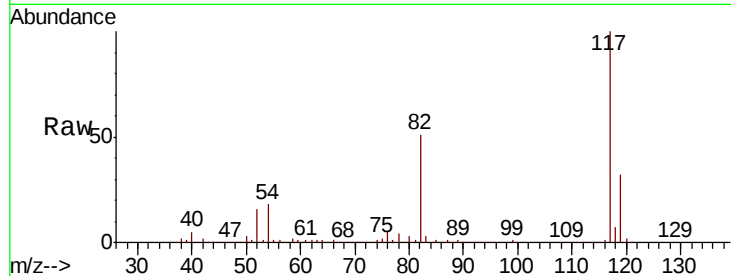




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

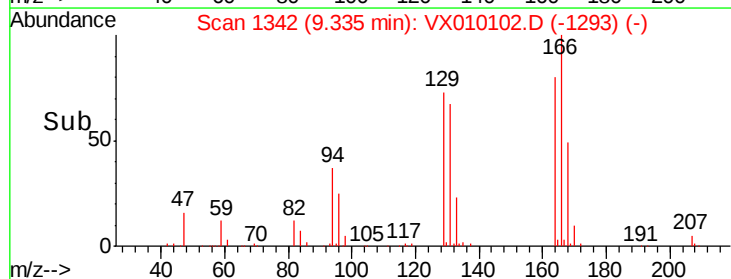
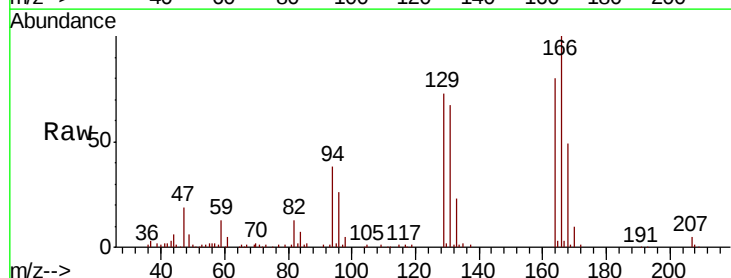
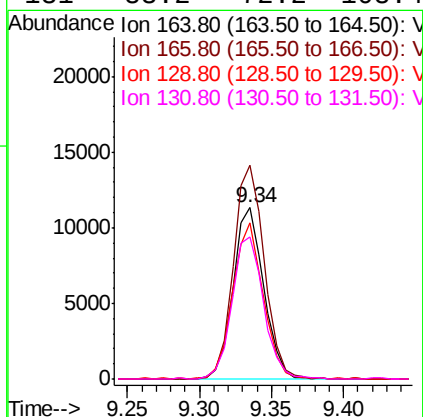
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

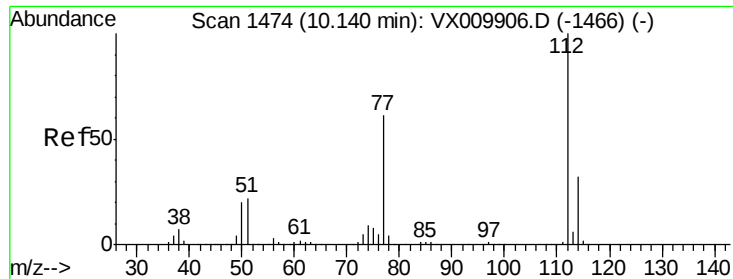
Tgt Ion:117 Resp: 431316
Ion Ratio Lower Upper
117 100
82 51.2 49.2 73.8
119 32.4 25.2 37.8



#64
Tetrachloroethene
Concen: 5.575 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion:164 Resp: 16729
Ion Ratio Lower Upper
164 100
166 124.8 105.0 157.4
129 91.2 75.1 112.7
131 83.2 72.2 108.4

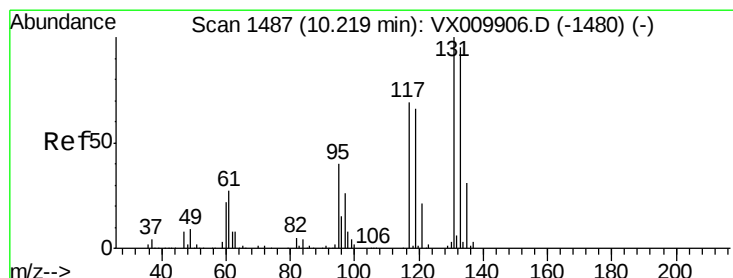
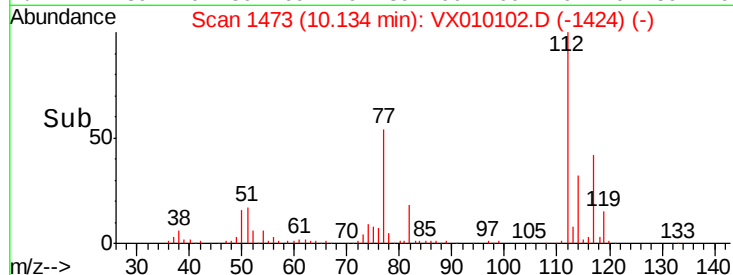
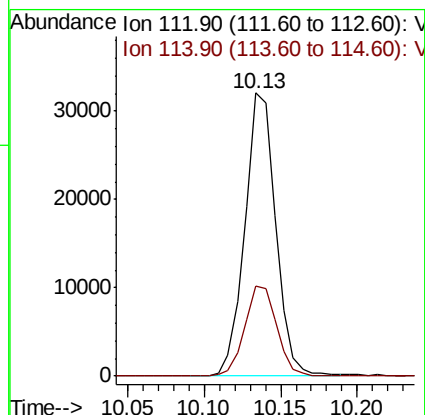
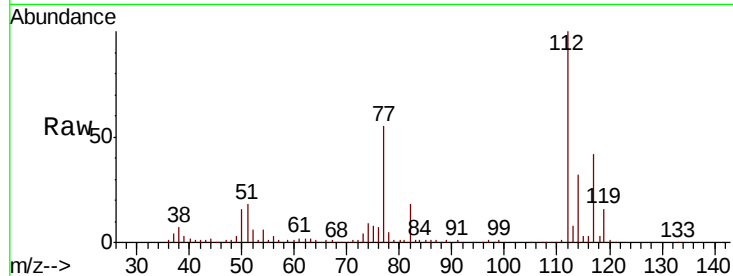




#65
Chlorobenzene
Concen: 5.225 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

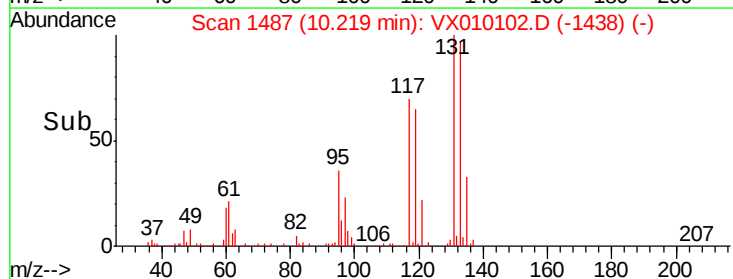
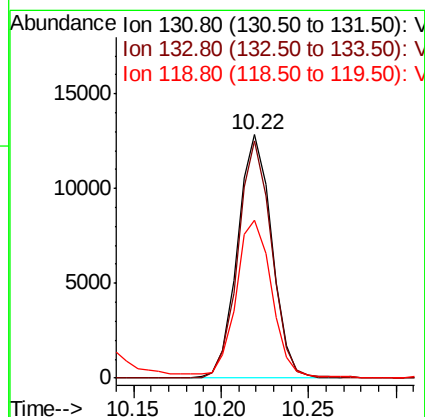
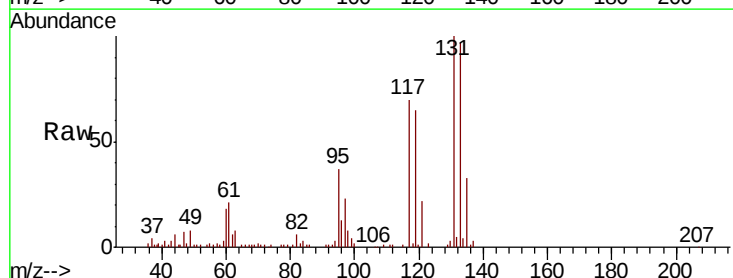
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

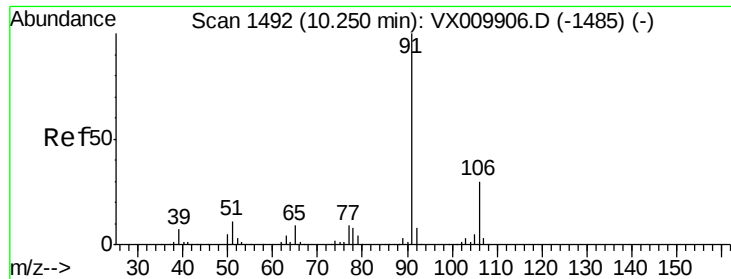
Tgt Ion:112 Resp: 44902
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.295 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion:131 Resp: 17536
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 68.2 33.4 100.1





#67

Ethyl Benzene

Concen: 5.277 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

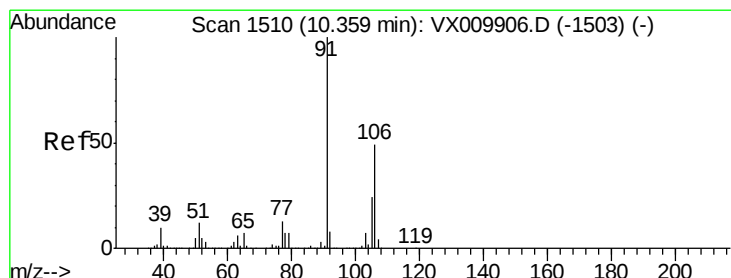
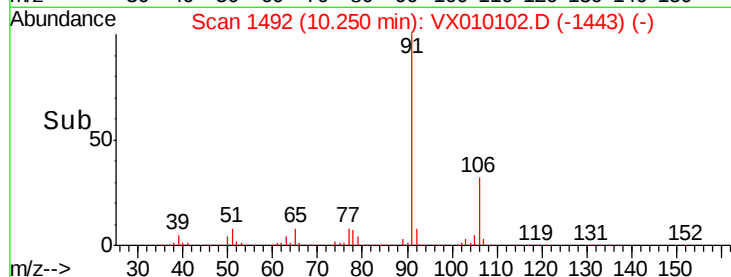
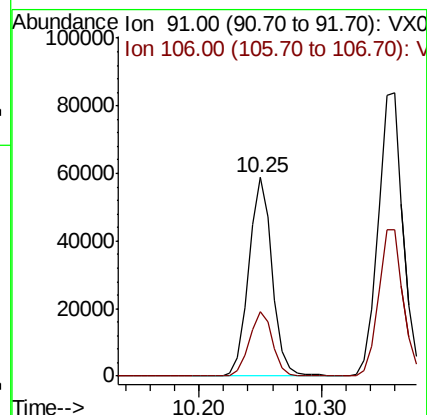
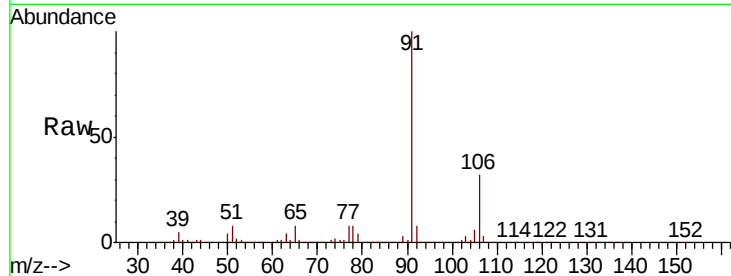
VSTDIC005

Tgt Ion: 91 Resp: 77303

Ion Ratio Lower Upper

91 100

106 32.5 23.9 35.9



#68

m/p-Xylenes

Concen: 10.765 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010102.D

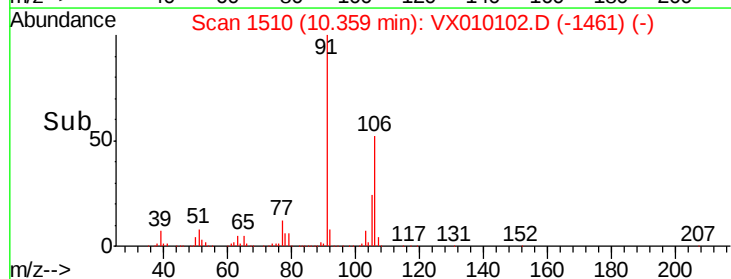
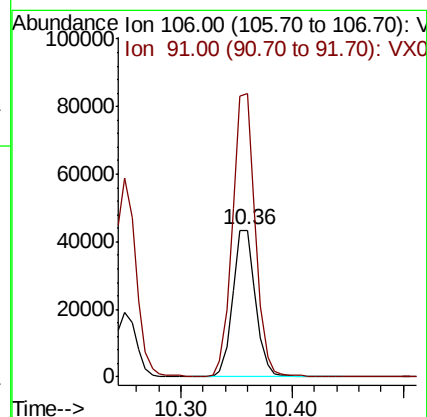
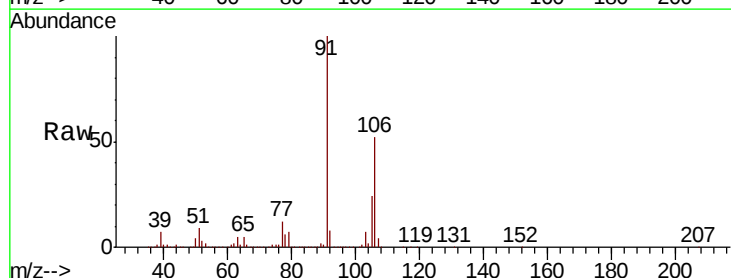
Acq: 07 Jun 2019 11:54

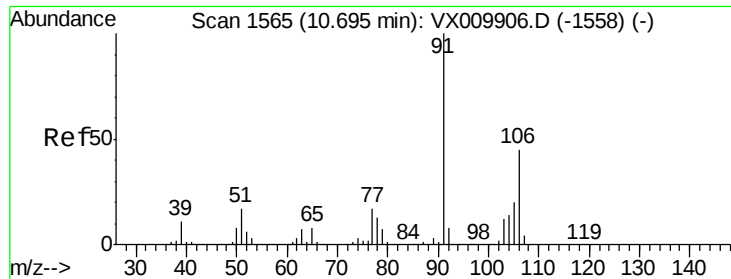
Tgt Ion: 106 Resp: 61034

Ion Ratio Lower Upper

106 100

91 193.2 167.3 250.9

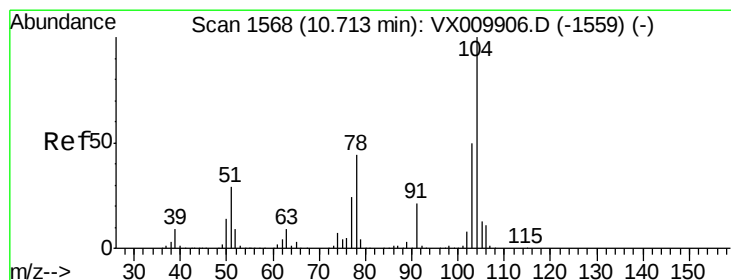
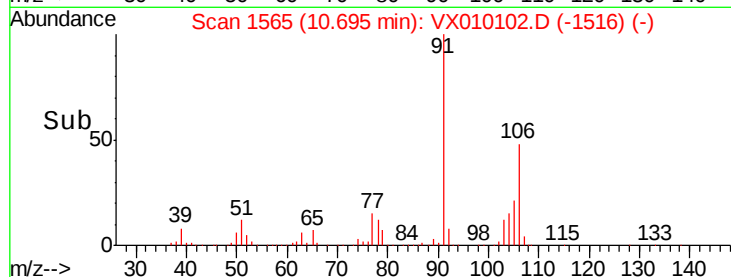
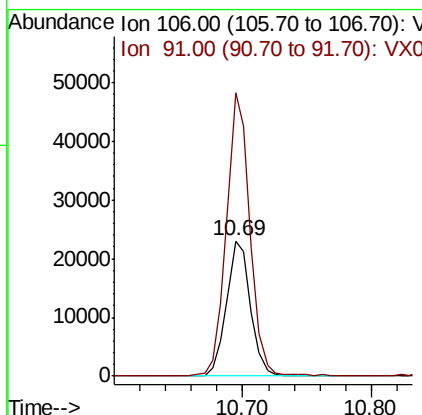
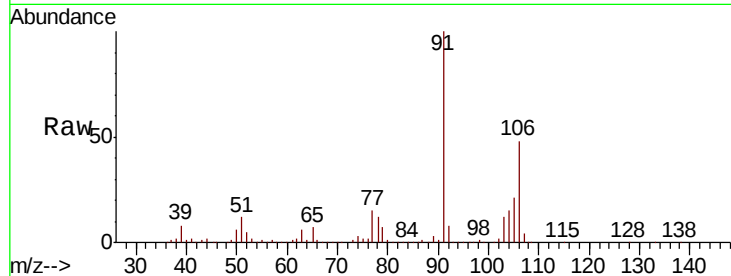




#69
o-Xylene
Concen: 5.439 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

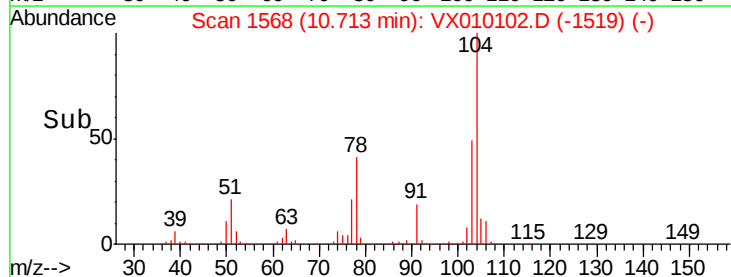
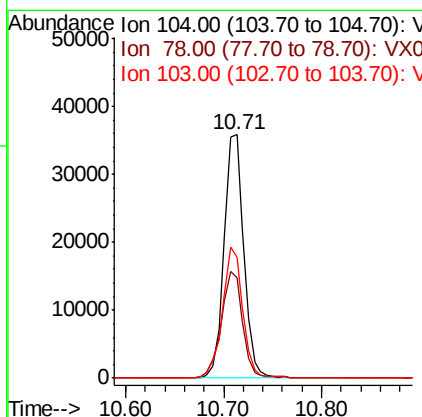
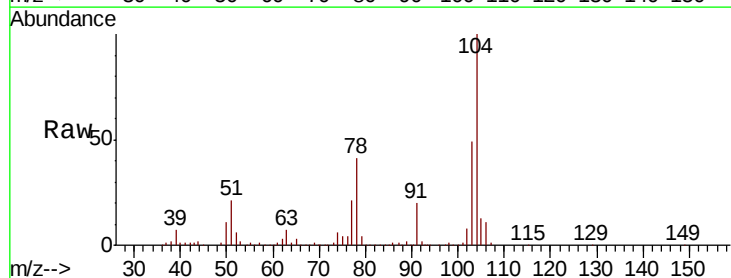
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

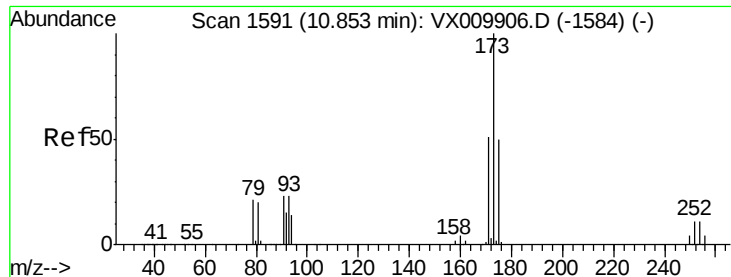
Tgt Ion:106 Resp: 30328
Ion Ratio Lower Upper
106 100
91 202.1 110.4 331.2



#70
Styrene
Concen: 5.215 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion:104 Resp: 50537
Ion Ratio Lower Upper
104 100
78 47.4 42.1 63.1
103 54.7 44.1 66.1





#71

Bromoform

Concen: 5.146 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

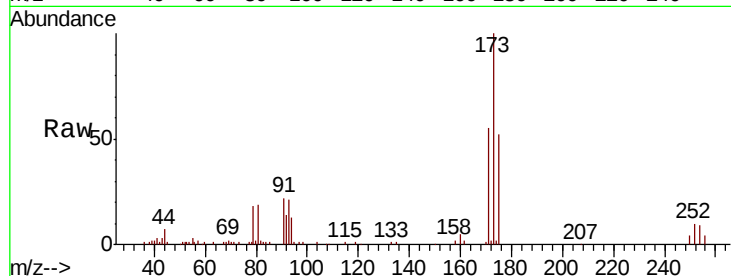
Tgt Ion:173 Resp: 15810

Ion Ratio Lower Upper

173 100

175 49.2 25.0 75.0

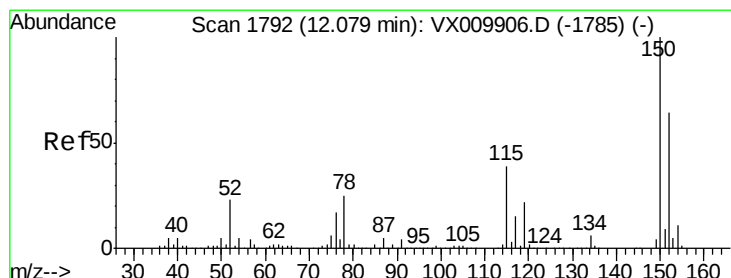
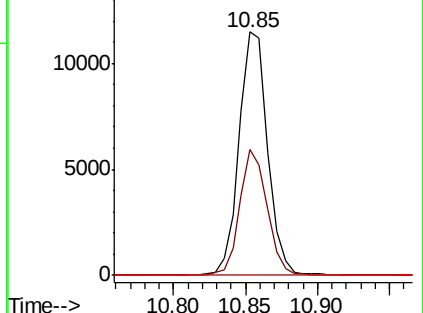
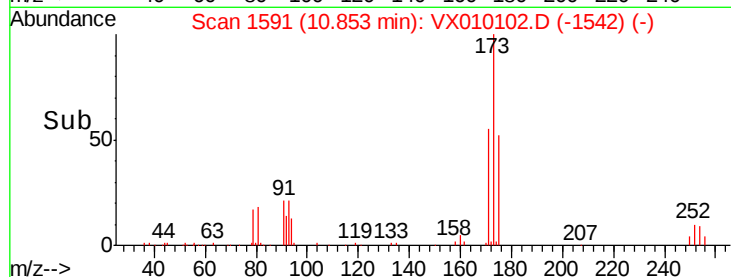
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

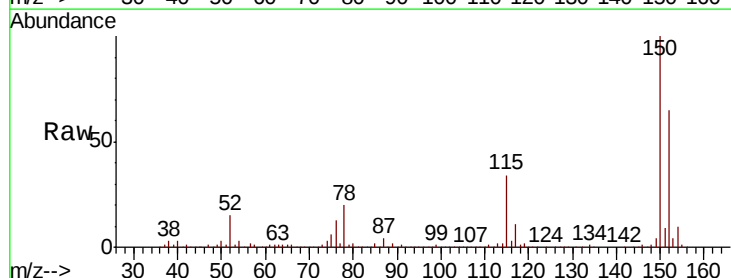
Tgt Ion:152 Resp: 220489

Ion Ratio Lower Upper

152 100

115 57.1 41.4 124.2

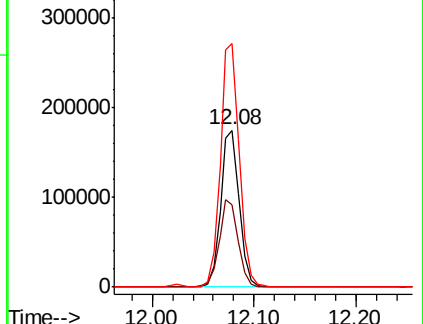
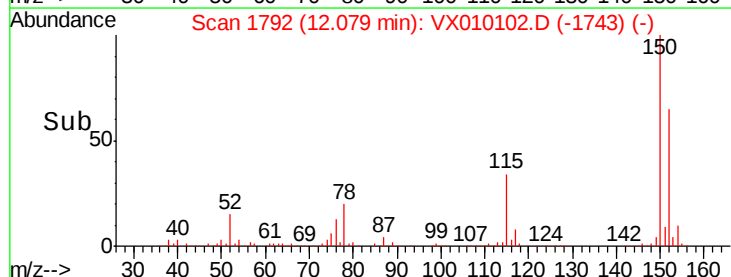
150 159.0 0.0 345.2

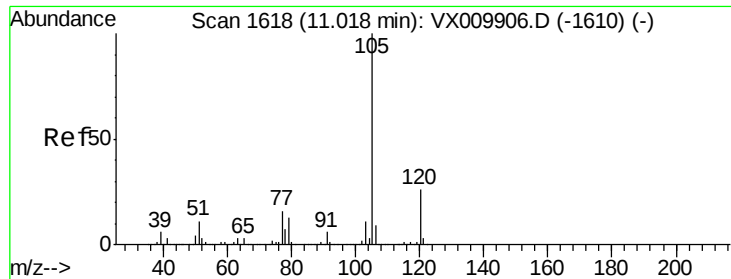


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.235 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

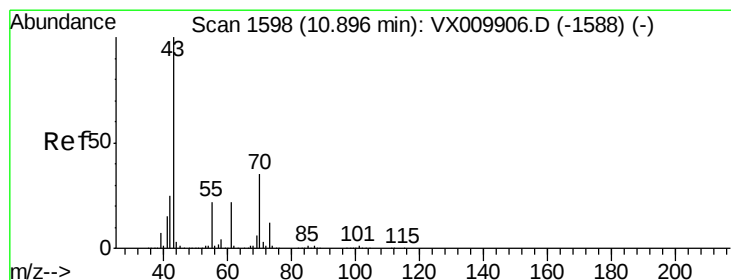
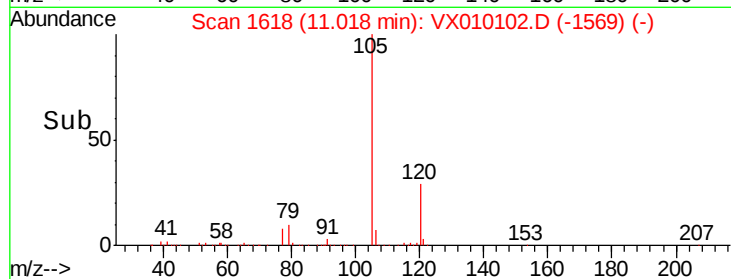
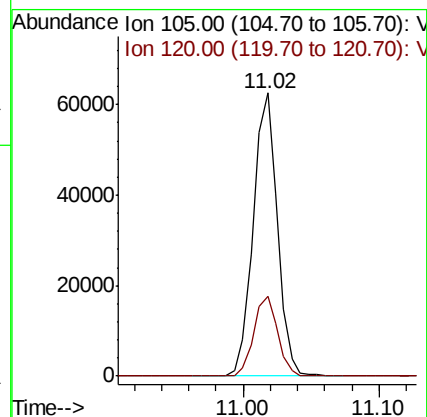
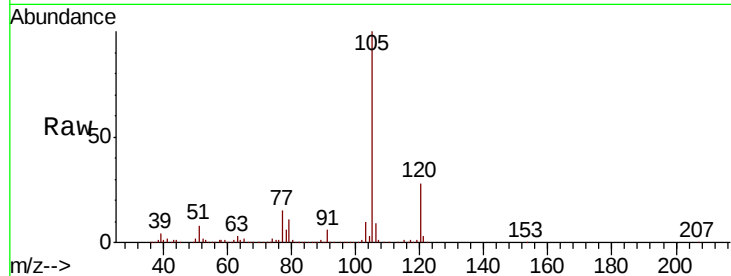
VSTDIC005

Tgt Ion: 105 Resp: 78089

Ion Ratio Lower Upper

105 100

120 28.0 12.8 38.4



#74

N-ethyl acetate

Concen: 5.047 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Tgt Ion: 43 Resp: 30040

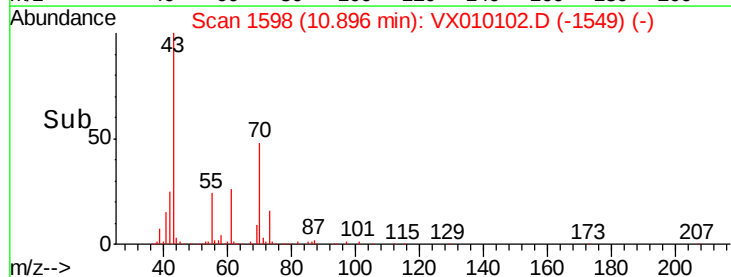
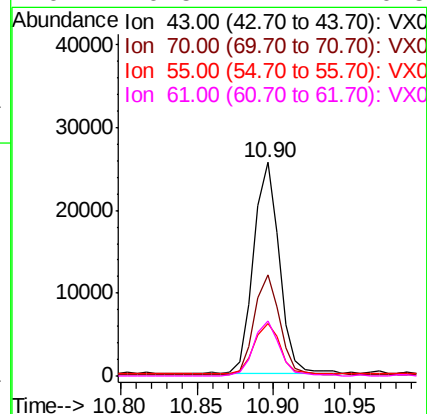
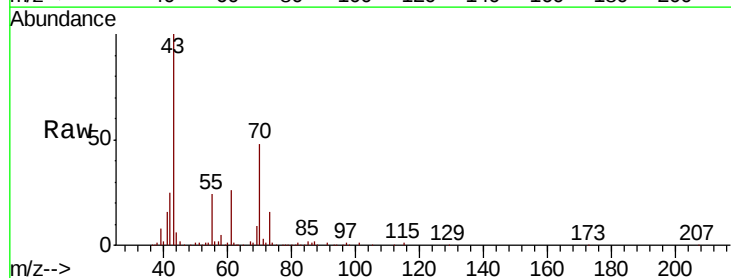
Ion Ratio Lower Upper

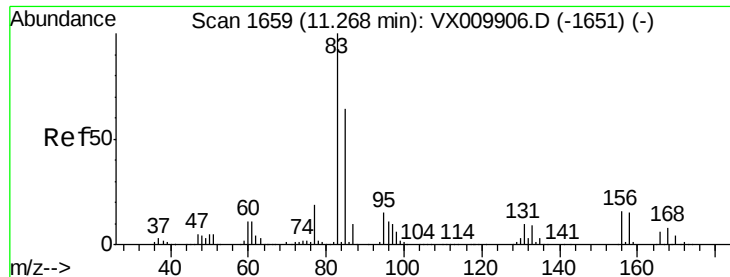
43 100

70 47.8 28.6 43.0#

55 24.0 17.8 26.8

61 26.5 17.7 26.5

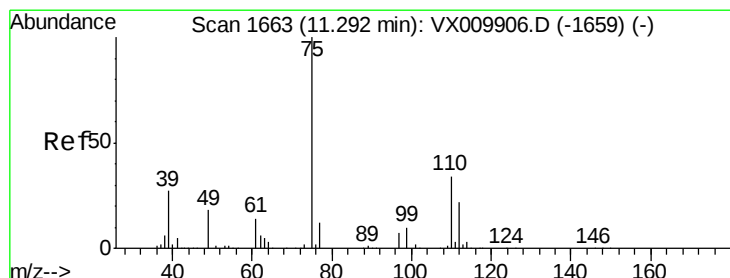
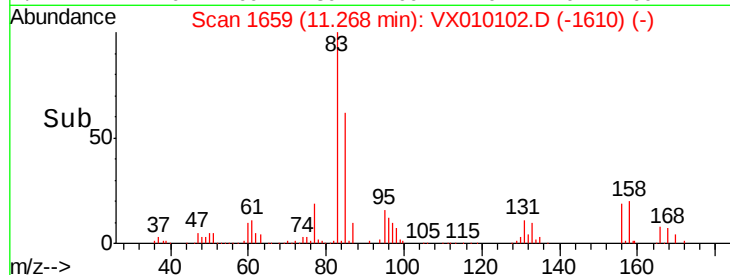
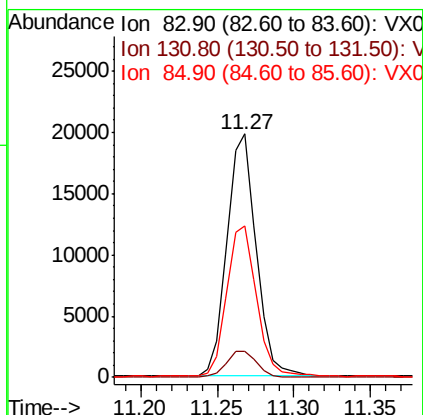
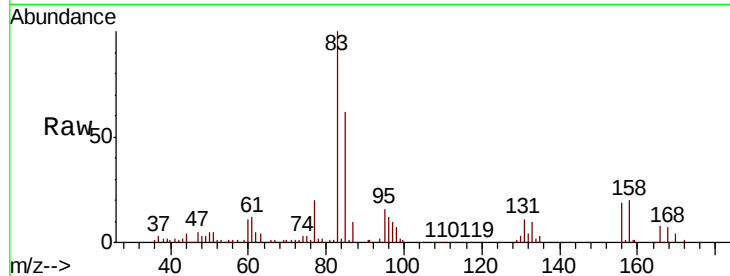




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.170 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

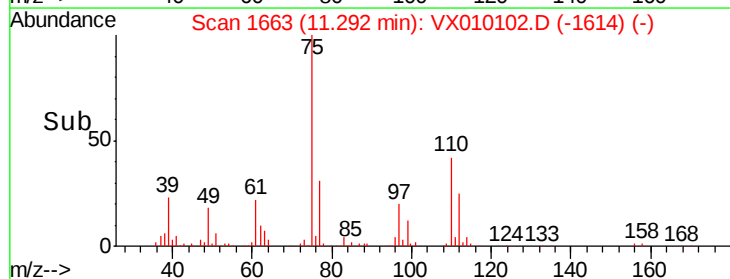
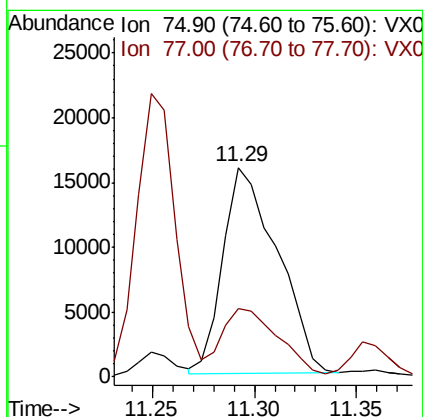
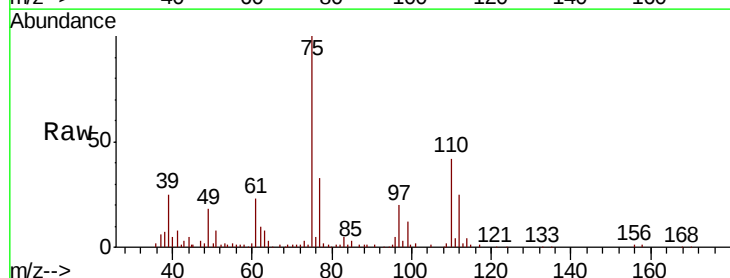
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

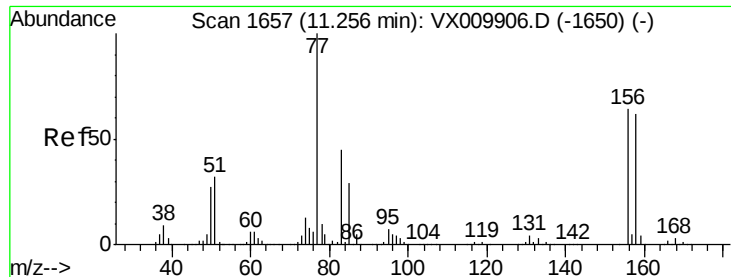
Tgt Ion: 83 Resp: 26108
 Ion Ratio Lower Upper
 83 100
 131 11.4 4.7 14.1
 85 66.3 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 6.974 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion: 75 Resp: 29413
 Ion Ratio Lower Upper
 75 100
 77 34.0 22.1 66.1





#77

Bromobenzene

Concen: 5.286 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

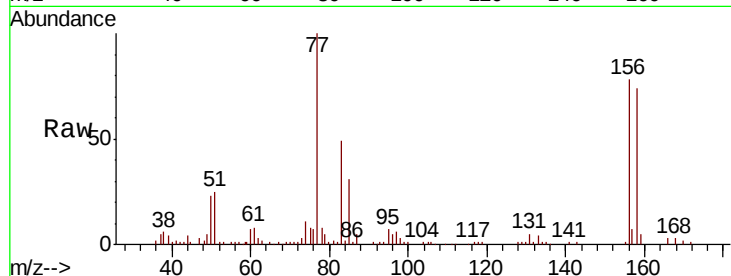
Tgt Ion:156 Resp: 21571

Ion Ratio Lower Upper

156 100

77 133.0 86.8 260.3

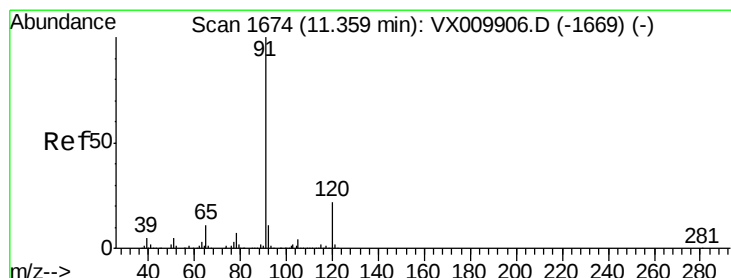
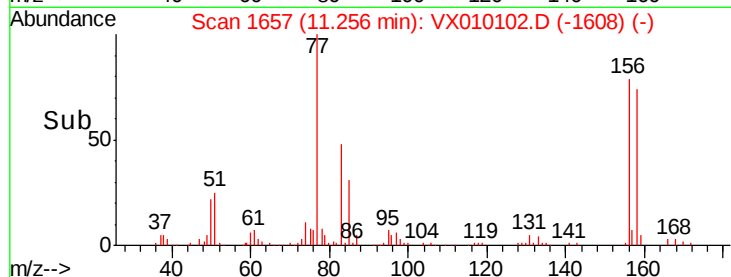
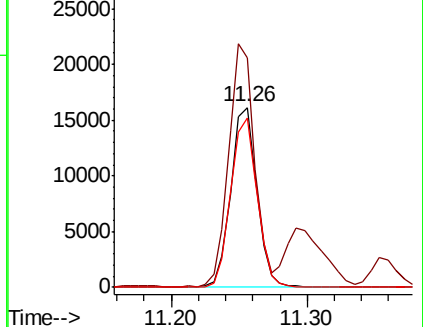
158 95.2 49.6 148.8



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: 5.143 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010102.D

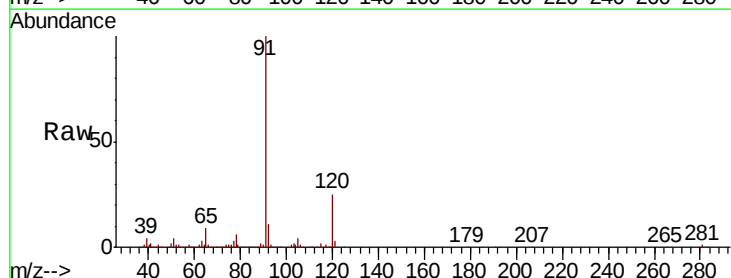
Acq: 07 Jun 2019 11:54

Tgt Ion: 91 Resp: 86168

Ion Ratio Lower Upper

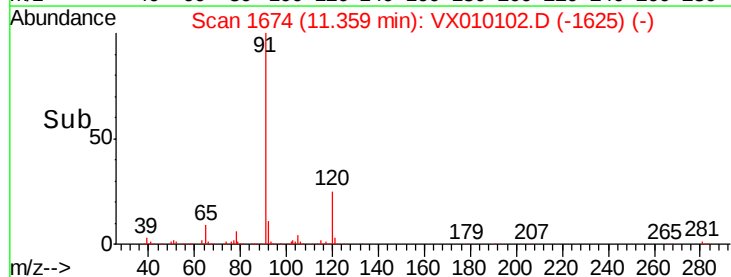
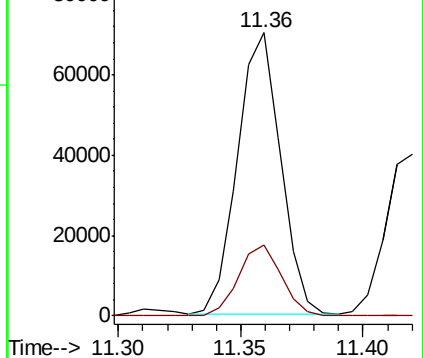
91 100

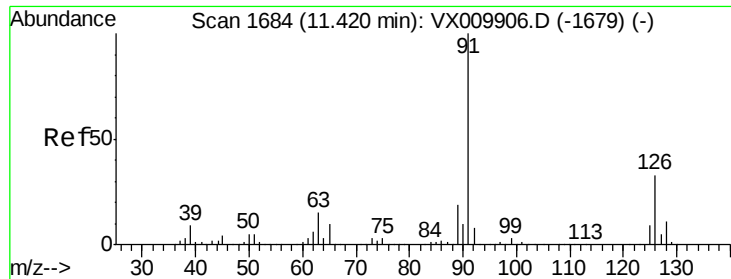
120 25.3 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.213 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

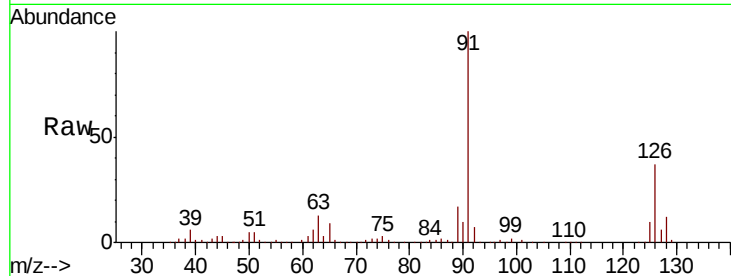
VSTDIC005

Tgt Ion: 91 Resp: 51954

Ion Ratio Lower Upper

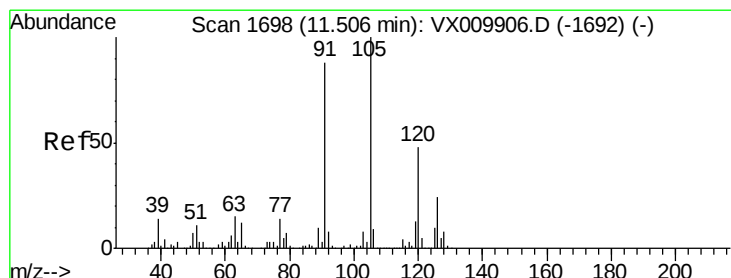
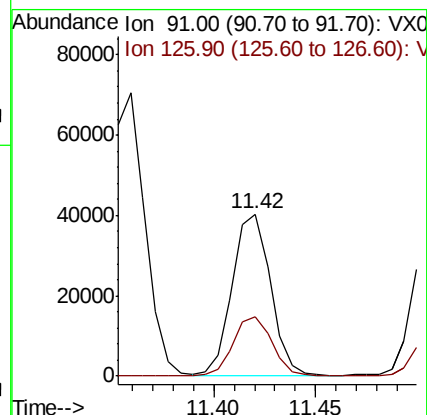
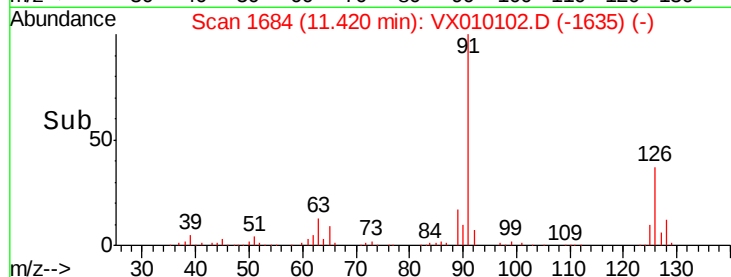
91 100

126 37.7 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: 5.310 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010102.D

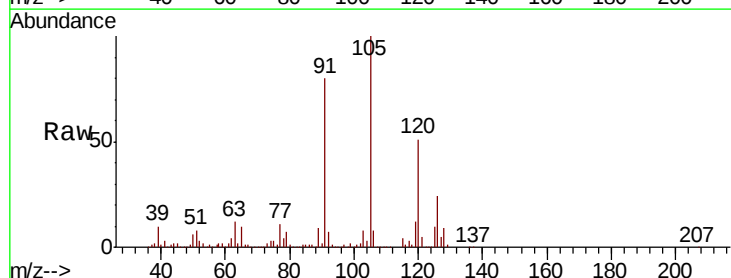
Acq: 07 Jun 2019 11:54

Tgt Ion: 105 Resp: 66281

Ion Ratio Lower Upper

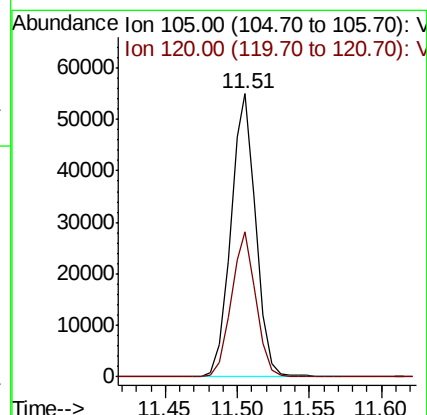
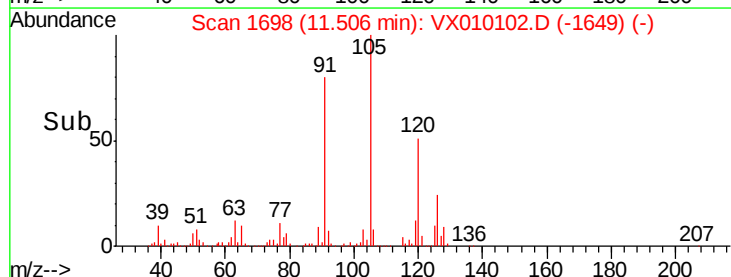
105 100

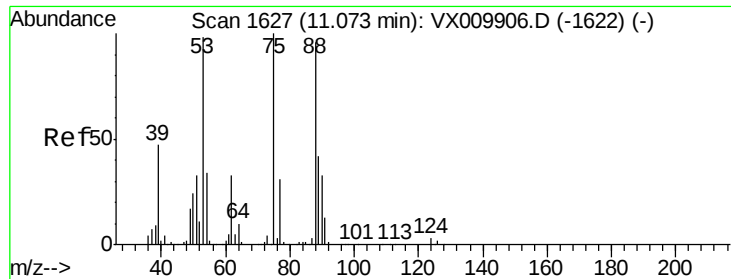
120 50.9 24.1 72.3



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: 5.028 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

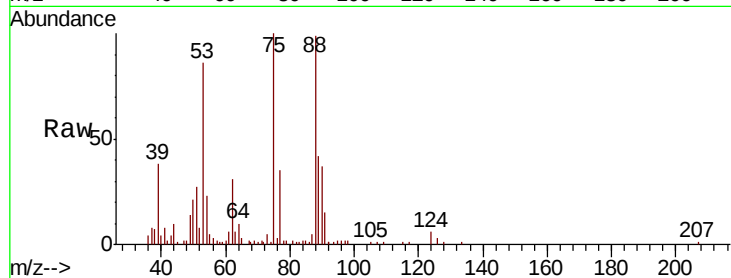
Tgt Ion: 75 Resp: 9887

Ion Ratio Lower Upper

75 100

53 81.3 79.8 119.6

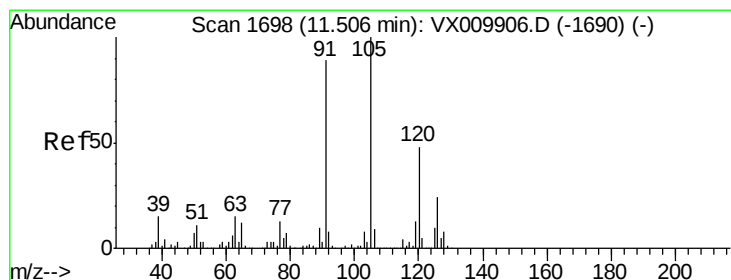
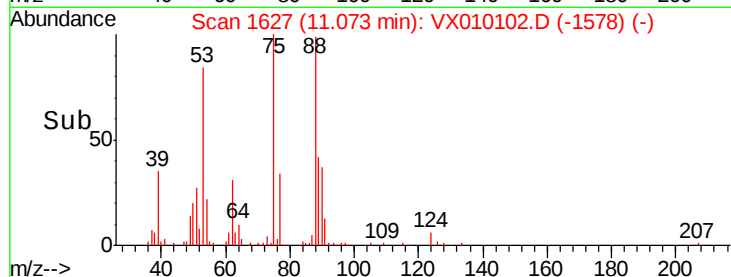
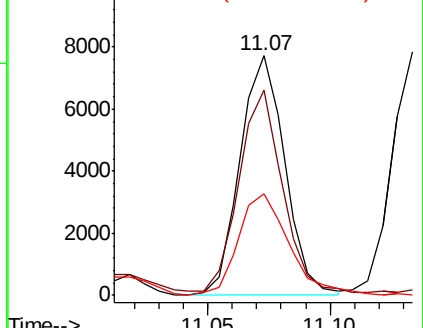
89 48.1 34.2 51.4



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: 5.172 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010102.D

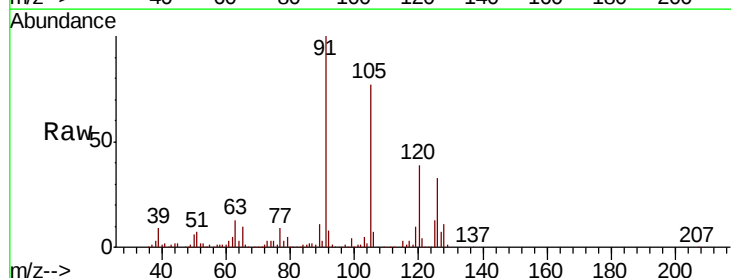
Acq: 07 Jun 2019 11:54

Tgt Ion: 91 Resp: 59603

Ion Ratio Lower Upper

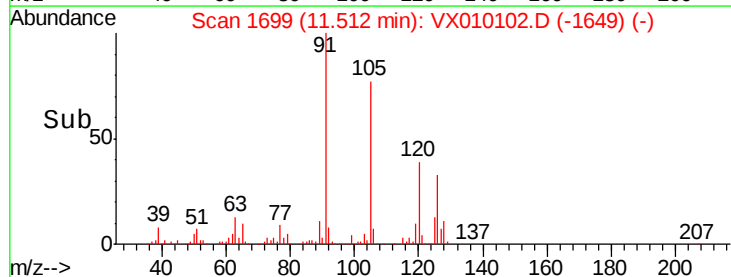
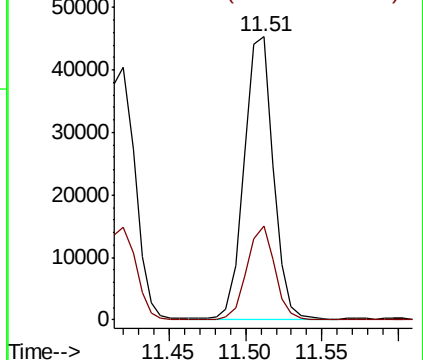
91 100

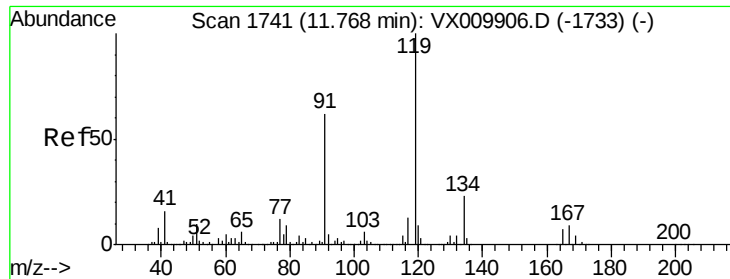
126 32.3 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

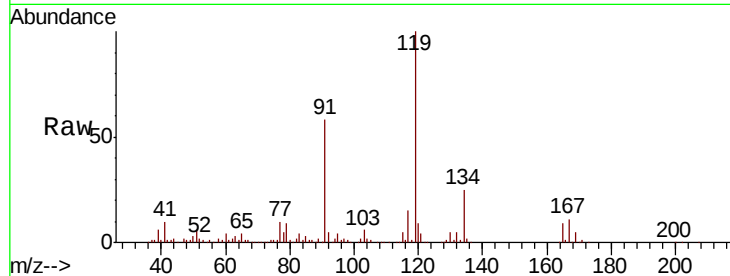




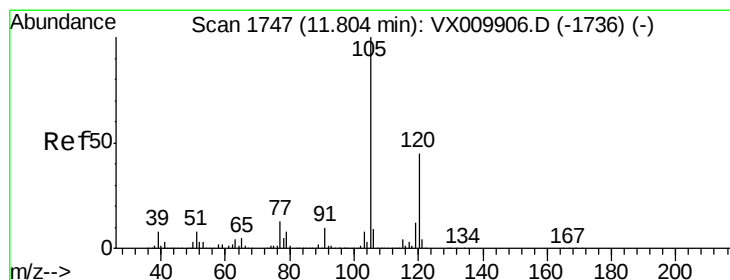
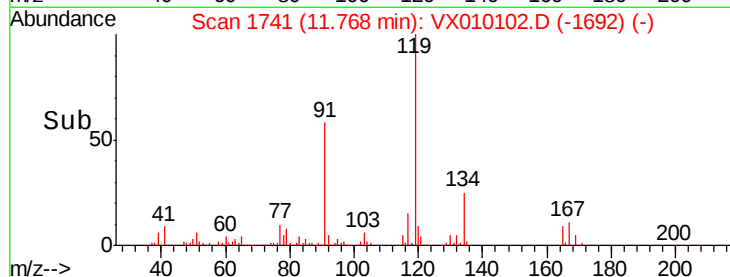
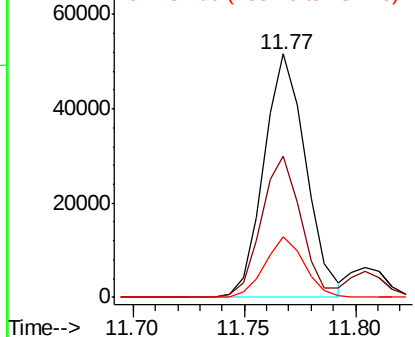
#83
 tert-Butylbenzene
 Concen: 5.354 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:119 Resp: 67584
 Ion Ratio Lower Upper
 119 100
 91 55.5 30.0 90.0
 134 23.3 11.2 33.5

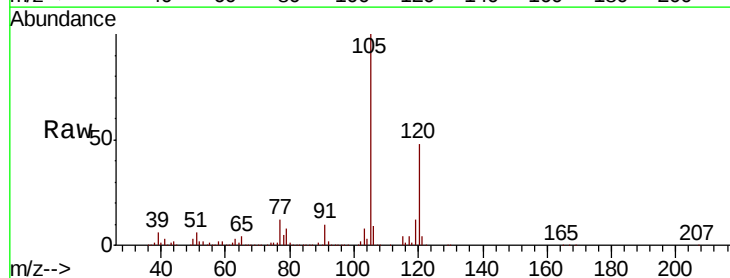


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

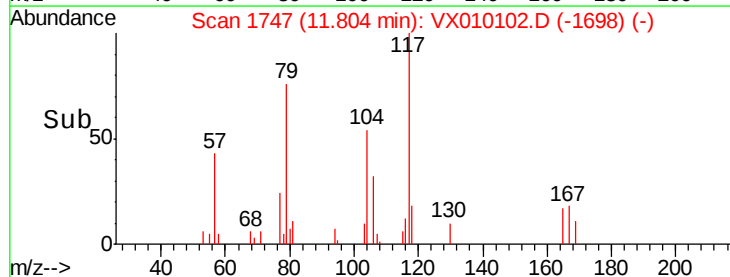
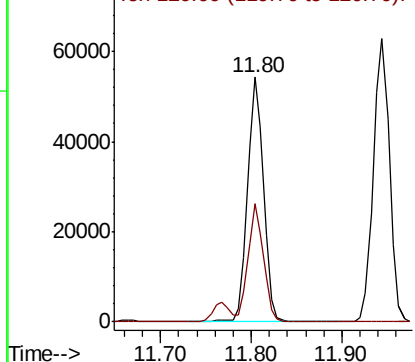


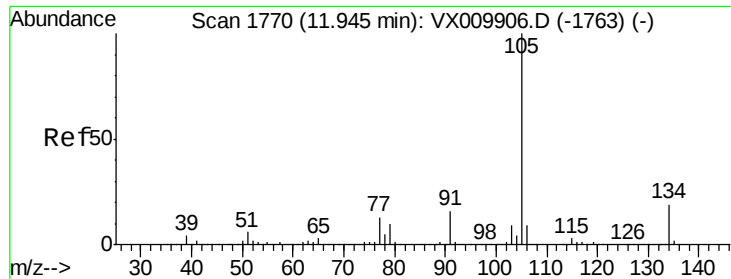
#84
 1,2,4-Trimethylbenzene
 Concen: 5.253 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion:105 Resp: 66450
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

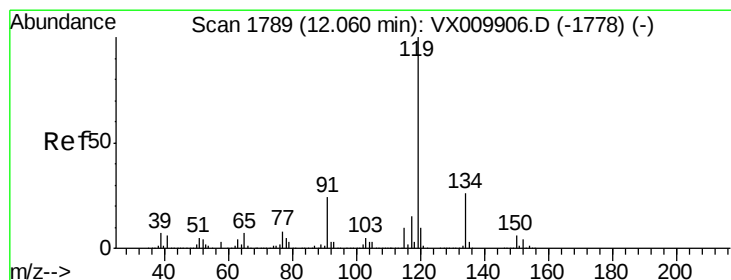
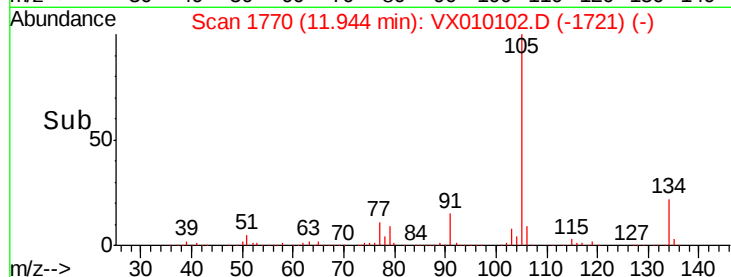
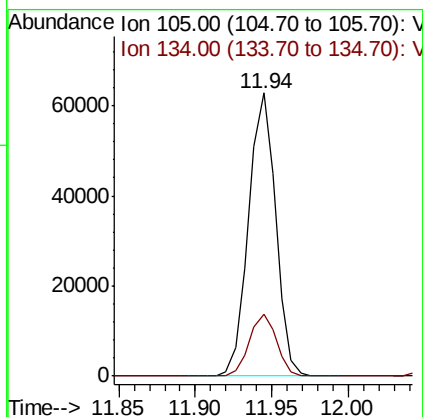
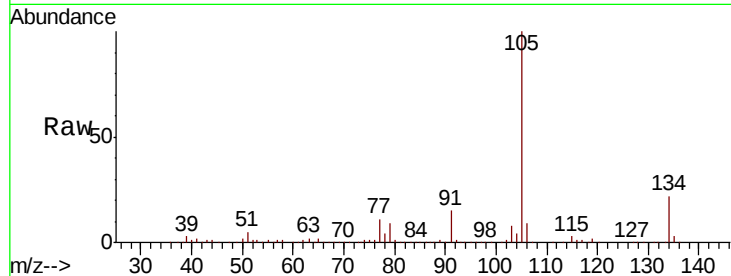




#85
 sec-Butylbenzene
 Concen: 5.251 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

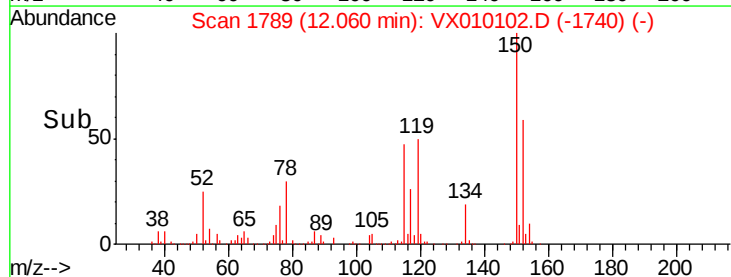
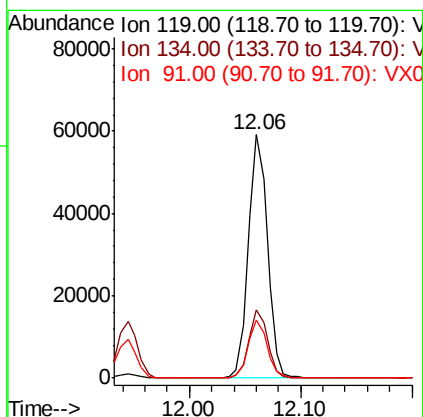
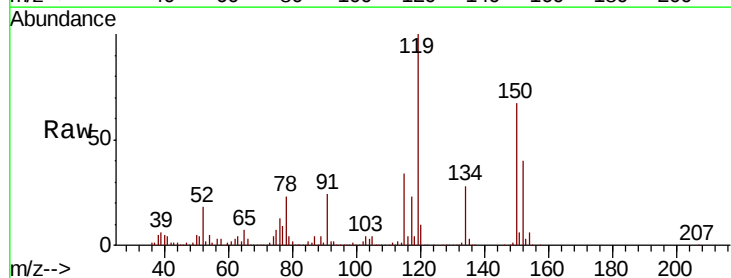
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

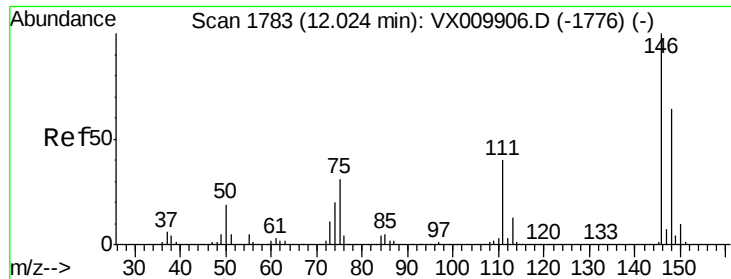
Tgt Ion:105 Resp: 77533
 Ion Ratio Lower Upper
 105 100
 134 22.0 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 5.191 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion:119 Resp: 70534
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.9 38.6
 91 23.8 11.9 35.9

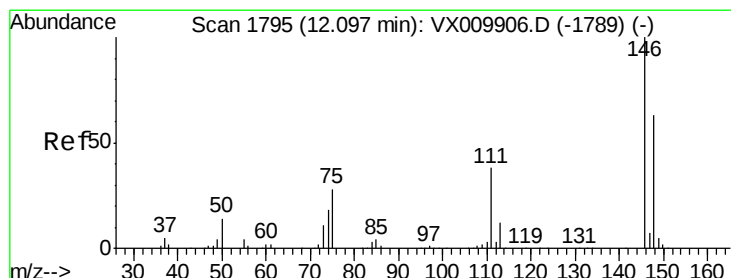
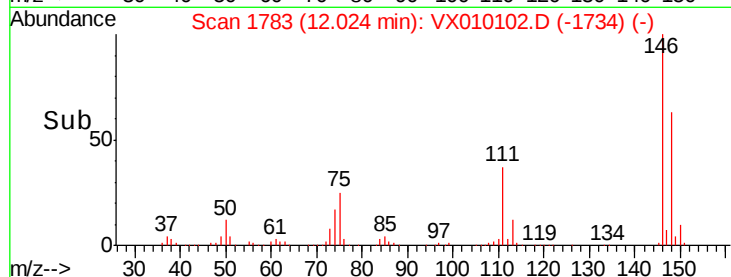
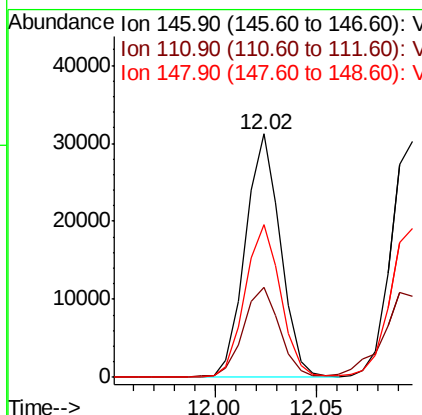
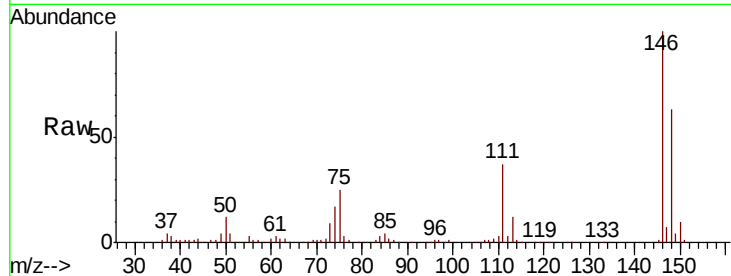




#87
 1,3-Dichlorobenzene
 Concen: 5.180 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

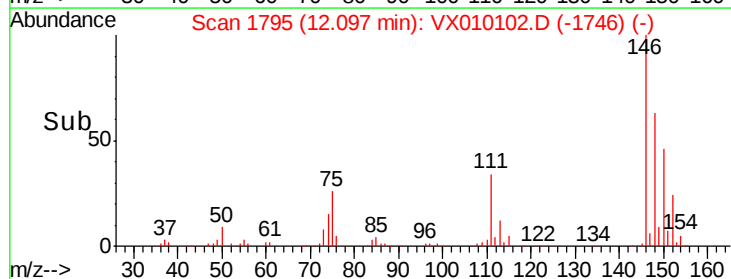
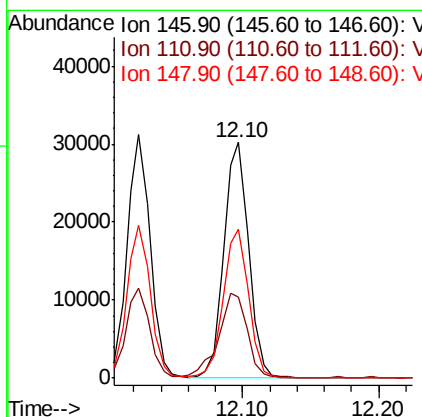
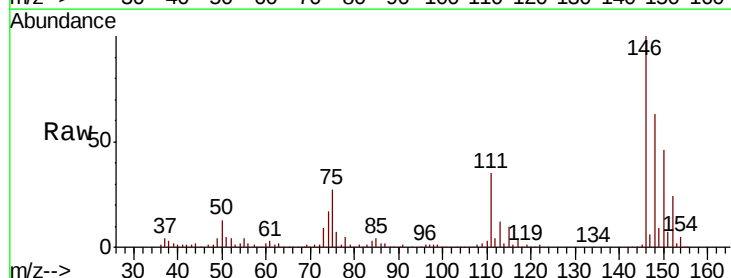
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

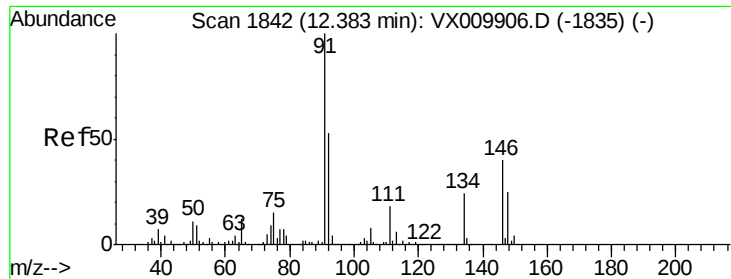
Tgt Ion:146 Resp: 37351
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.1 60.2
 148 63.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 5.362 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion:146 Resp: 38080
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.0 59.9
 148 64.7 32.3 96.9

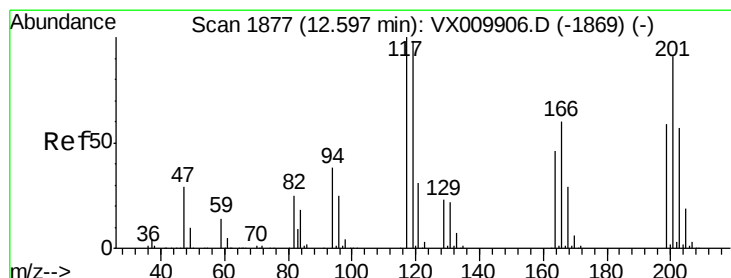
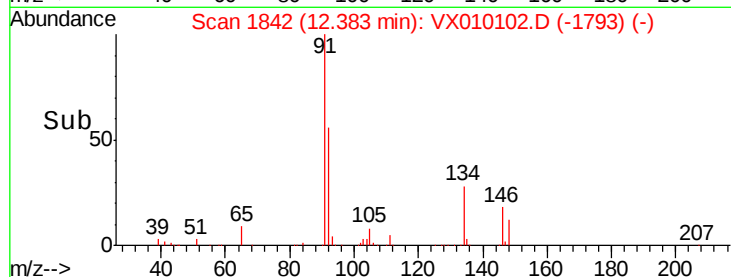
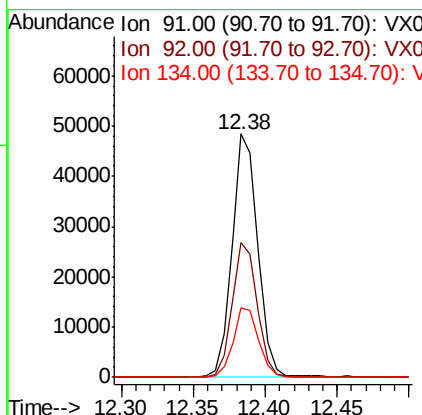
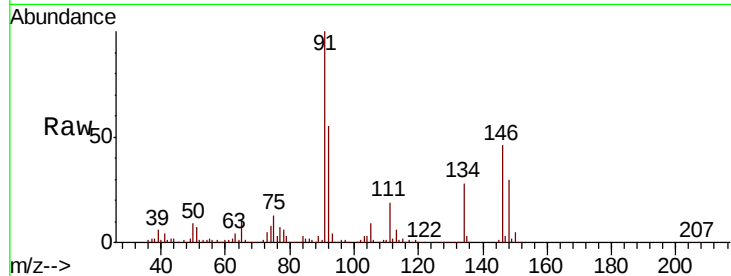




#89
n-Butylbenzene
Concen: 5.087 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

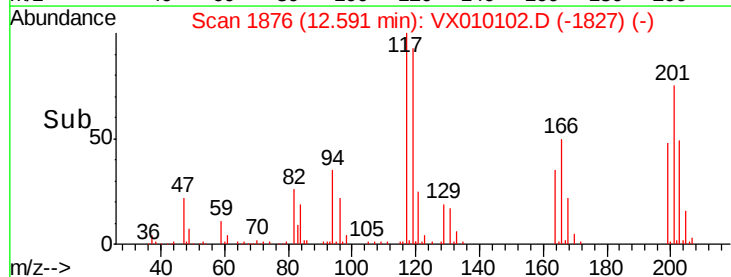
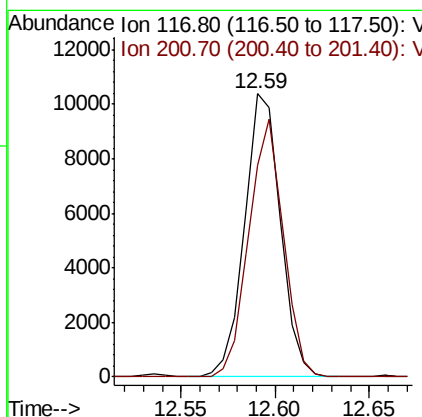
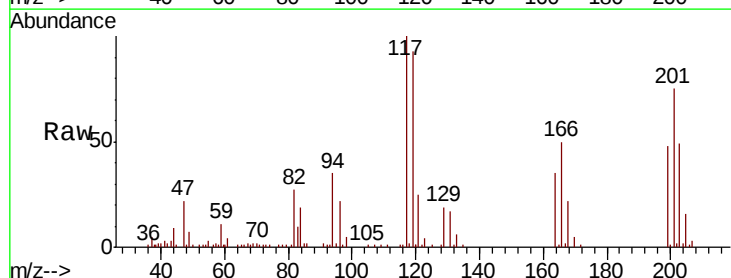
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

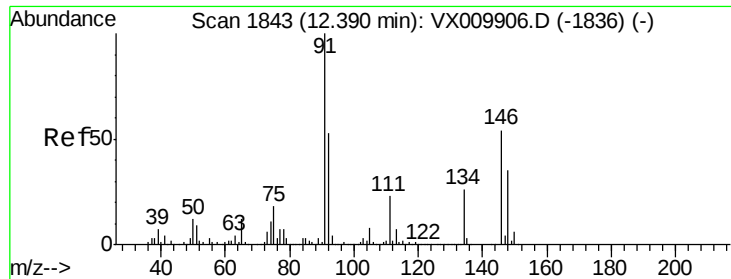
Tgt Ion: 91 Resp: 59888
Ion Ratio Lower Upper
91 100
92 54.7 26.3 78.8
134 28.6 12.3 36.8



#90
Hexachloroethane
Concen: 5.113 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010102.D
Acq: 07 Jun 2019 11:54

Tgt Ion: 117 Resp: 13716
Ion Ratio Lower Upper
117 100
201 87.3 43.6 130.9

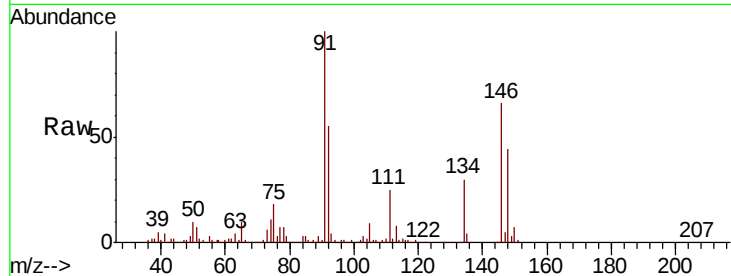




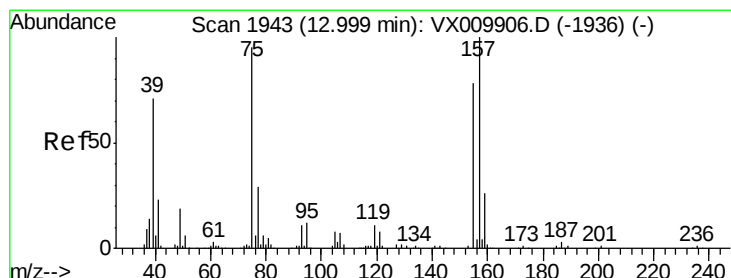
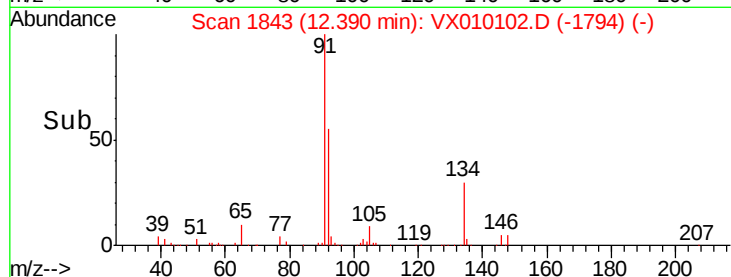
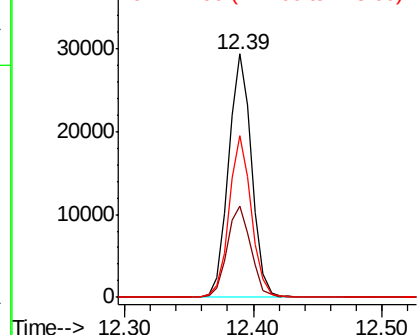
#91
 1,2-Dichlorobenzene
 Concen: 5.331 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 37213
 Ion Ratio Lower Upper
 146 100
 111 38.8 21.1 63.1
 148 63.9 32.3 96.8

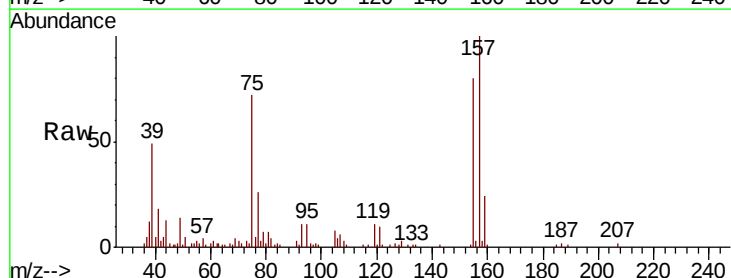


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

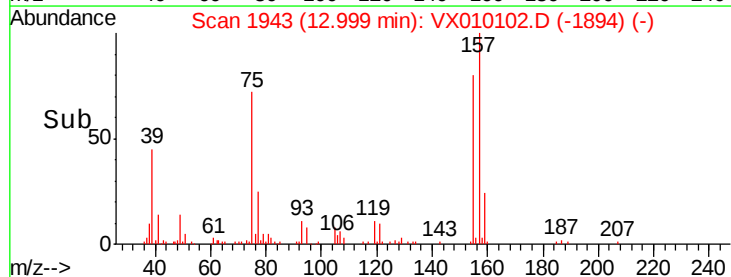
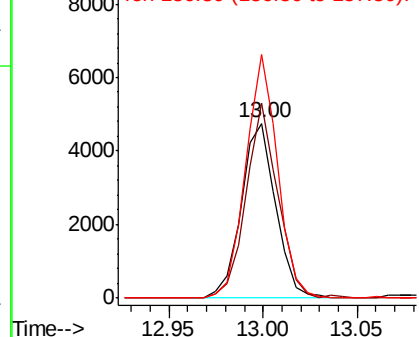


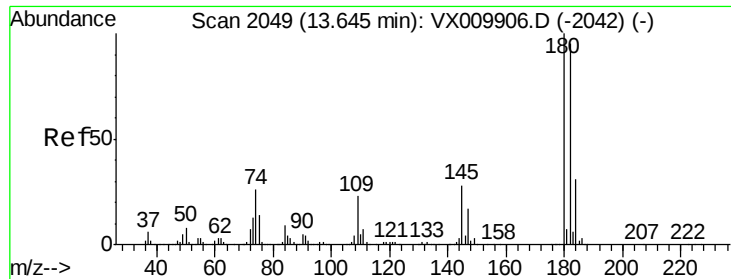
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.184 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion: 75 Resp: 6009
 Ion Ratio Lower Upper
 75 100
 155 102.4 39.3 117.8
 157 128.8 50.6 151.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

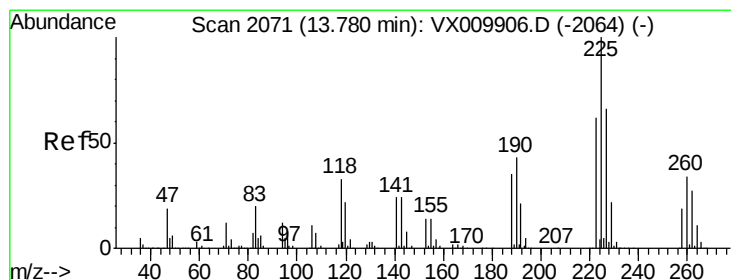
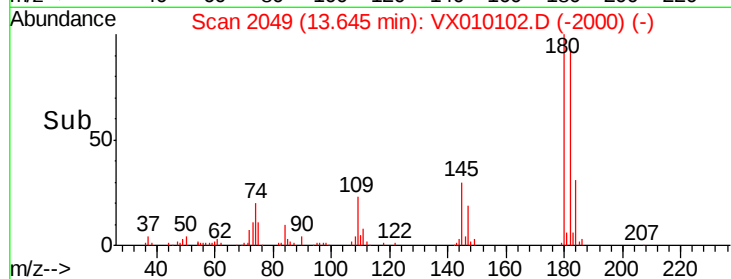
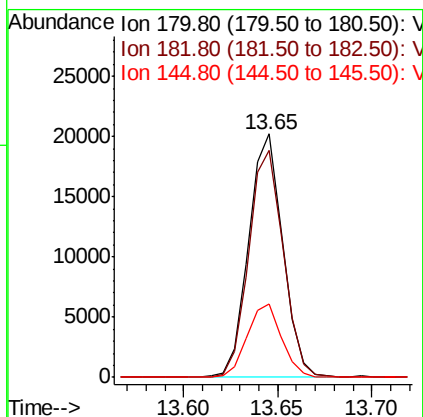
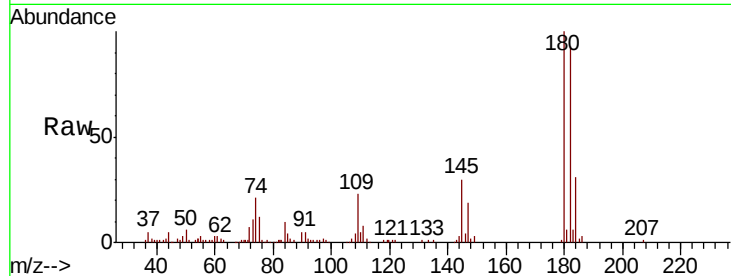




#93
 1,2,4-Trichlorobenzene
 Concen: 5.076 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

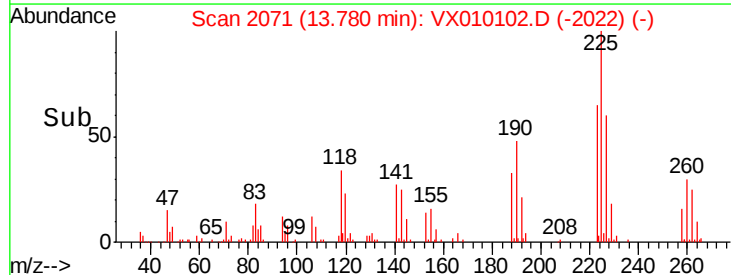
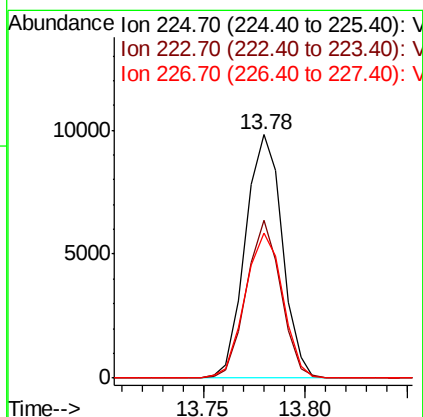
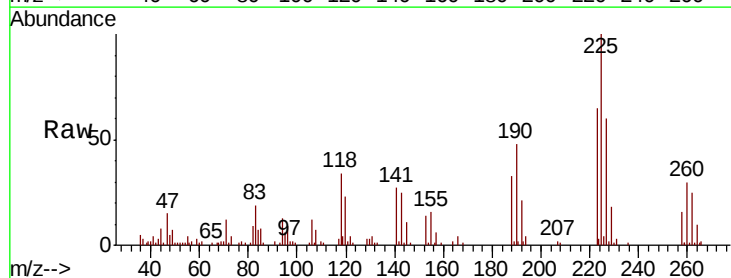
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

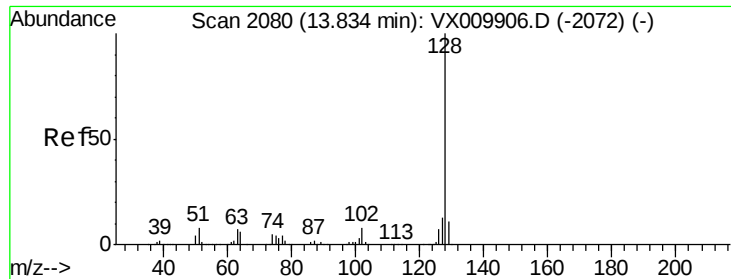
Tgt Ion:180 Resp: 25286
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.4 142.2
 145 30.4 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 5.574 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010102.D
 Acq: 07 Jun 2019 11:54

Tgt Ion:225 Resp: 12351
 Ion Ratio Lower Upper
 225 100
 223 60.8 31.3 93.8
 227 60.8 32.3 96.8





#95

Naphthalene

Concen: 5.068 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

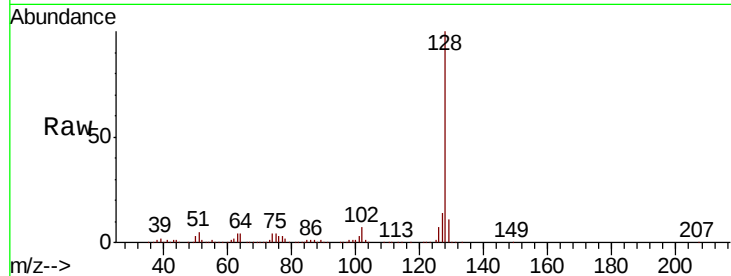
Tgt Ion:128 Resp: 81432

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

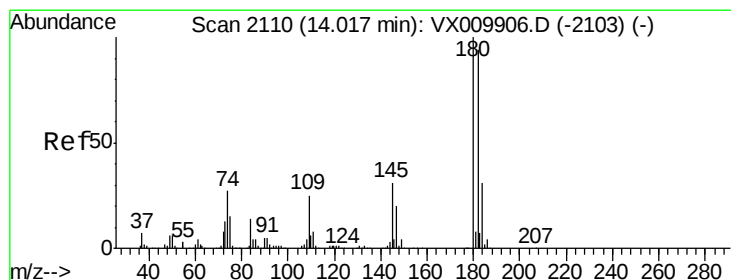
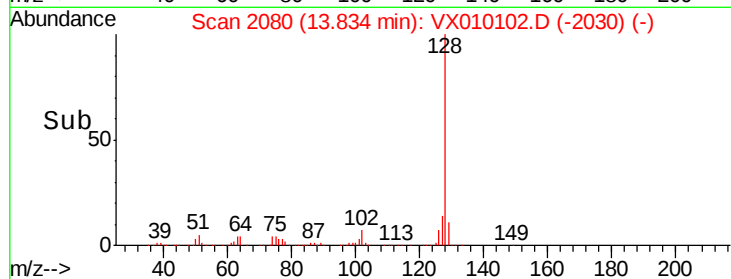
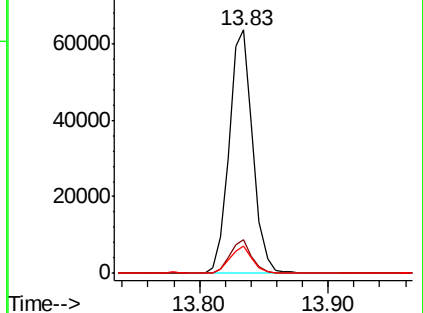
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 5.287 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010102.D

Acq: 07 Jun 2019 11:54

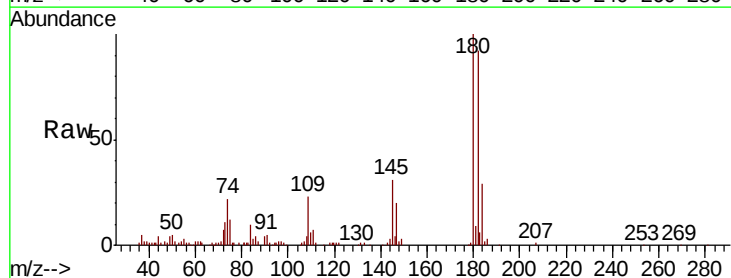
Tgt Ion:180 Resp: 26101

Ion Ratio Lower Upper

180 100

182 92.9 47.3 142.0

145 31.3 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

