

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060719\
 Data File : VX010101.D
 Acq On : 07 Jun 2019 11:29
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 07 13:05:09 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	389441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	583746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	520780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259295	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	4306	1.17	ug/l	0.00
Spiked Amount			Recovery	=	2.34%	
35) Dibromofluoromethane	5.51	113	4569	1.29	ug/l	0.00
Spiked Amount			Recovery	=	2.58%	
50) Toluene-d8	8.71	98	15595	1.16	ug/l	0.00
Spiked Amount			Recovery	=	2.32%	
62) 4-Bromofluorobenzene	11.13	95	6071	1.21	ug/l	0.00
Spiked Amount			Recovery	=	2.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	3056	0.790	ug/l	100
3) Chloromethane	1.33	50	4159	1.175	ug/l	92
4) Vinyl Chloride	1.41	62	3366	1.012	ug/l	94
5) Bromomethane	1.64	94	2794	2.251	ug/l	90
6) Chloroethane	1.72	64	1953	1.051	ug/l #	79
7) Trichlorofluoromethane	1.93	101	5459	1.122	ug/l	85
8) Diethyl Ether	2.18	74	2033	1.259	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3726	1.136	ug/l #	86
10) Methyl Iodide	2.51	142	6247	1.155	ug/l	98
11) Tert butyl alcohol	3.04	59	5642	6.131	ug/l #	90
12) 1,1-Dichloroethene	2.37	96	3898	1.153	ug/l #	78
13) Acrolein	2.29	56	1282	6.930	ug/l #	38
14) Allyl chloride	2.73	41	6013	1.186	ug/l #	87
15) Acrylonitrile	3.14	53	10269	5.503	ug/l	99
16) Acetone	2.44	43	10446	6.077	ug/l	92
17) Carbon Disulfide	2.57	76	12509	1.314	ug/l #	90
18) Methyl Acetate	2.77	43	4596	1.243	ug/l #	75
19) Methyl tert-butyl Ether	3.19	73	12340	1.141	ug/l #	89
20) Methylene Chloride	2.85	84	4649	1.249	ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	4910	1.343	ug/l #	71
22) Diisopropyl ether	3.85	45	10616	1.067	ug/l #	83
23) Vinyl Acetate	3.81	43	46480	5.183	ug/l #	87
24) 1,1-Dichloroethane	3.69	63	6914	1.181	ug/l	97
25) 2-Butanone	4.68	43	13662	5.193	ug/l #	80
26) 2,2-Dichloropropane	4.58	77	6065	1.126	ug/l #	75
27) cis-1,2-Dichloroethene	4.59	96	4679	1.122	ug/l	85
28) Bromochloromethane	5.02	49	3249	1.228	ug/l #	59
29) Tetrahydrofuran	5.13	42	9125	5.614	ug/l #	77
30) Chloroform	5.21	83	6835	1.103	ug/l #	81
31) Cyclohexane	5.58	56	5999	1.098	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	7092	1.255	ug/l #	47
36) 1,1-Dichloropropene	5.79	75	5211	1.143	ug/l #	66
37) Ethyl Acetate	4.84	43	5417	1.128	ug/l #	76
38) Carbon Tetrachloride	5.79	117	6159	1.192	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	7251	1.175	ug/l #	80
40) Benzene	6.14	78	15873	1.106	ug/l	97
41) Methacrylonitrile	5.05	41	2921	1.114	ug/l #	78
42) 1,2-Dichloroethane	6.20	62	5074	1.113	ug/l #	70
43) Isopropyl Acetate	6.45	43	9120	1.140	ug/l #	87
44) Trichloroethene	7.21	130	5189	1.226	ug/l	68
45) 1,2-Dichloropropane	7.52	63	4051	1.129	ug/l	100
46) Dibromomethane	7.66	93	3290	1.274	ug/l	94
47) Bromodichloromethane	7.90	83	5405	1.073	ug/l #	93
48) Methyl methacrylate	7.77	41	4010	1.035	ug/l #	70
49) 1,4-Dioxane	7.75	88	2513	23.576	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	26224	5.249	ug/l #	83
52) Toluene	8.78	92	10838	1.165	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	6418	1.097	ug/l #	88
54) cis-1,3-Dichloropropene	8.44	75	7069	1.139	ug/l	88
55) 1,1,2-Trichloroethane	9.21	97	4130	1.061	ug/l	97
56) Ethyl methacrylate	9.18	69	6550	1.050	ug/l #	87
57) 1,3-Dichloropropane	9.37	76	7038	1.164	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	16103	5.410	ug/l #	81
59) 2-Hexanone	9.49	43	20961	5.303	ug/l	88
60) Dibromochloromethane	9.58	129	4999	1.086	ug/l	97
61) 1,2-Dibromoethane	9.67	107	4968	1.163	ug/l	94
64) Tetrachloroethene	9.34	164	4546	1.255	ug/l	93
65) Chlorobenzene	10.13	112	11980	1.155	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	4335	1.084	ug/l #	60
67) Ethyl Benzene	10.25	91	20017	1.132	ug/l	94
68) m/p-Xylenes	10.36	106	15787	2.306	ug/l	91
69) o-Xylene	10.69	106	8080	1.200	ug/l	83
70) Styrene	10.71	104	13399	1.145	ug/l	94
71) Bromoform	10.85	173	4018	1.083	ug/l #	99
73) Isopropylbenzene	11.02	105	19446	1.108	ug/l	93
74) N-amyl acetate	10.90	43	7507	1.072	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	11.26	83	7024	1.183	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	7335	1.479	ug/l	86
77) Bromobenzene	11.25	156	5608	1.169	ug/l	80
78) n-propylbenzene	11.36	91	21384	1.085	ug/l	93
79) 2-Chlorotoluene	11.42	91	13462	1.149	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	17347	1.182	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	2502	1.082	ug/l #	80
82) 4-Chlorotoluene	11.51	91	14883	1.098	ug/l	88
83) tert-Butylbenzene	11.77	119	17019	1.146	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	16920	1.137	ug/l	97
85) sec-Butylbenzene	11.94	105	19951	1.149	ug/l	95
86) p-Isopropyltoluene	12.06	119	17961	1.124	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	9851	1.162	ug/l	97
88) 1,4-Dichlorobenzene	12.02	146	9851	1.180	ug/l	98
89) n-Butylbenzene	12.38	91	15331	1.107	ug/l	95
90) Hexachloroethane	12.59	117	3619	1.147	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	9641	1.174	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1594	1.169	ug/l	80

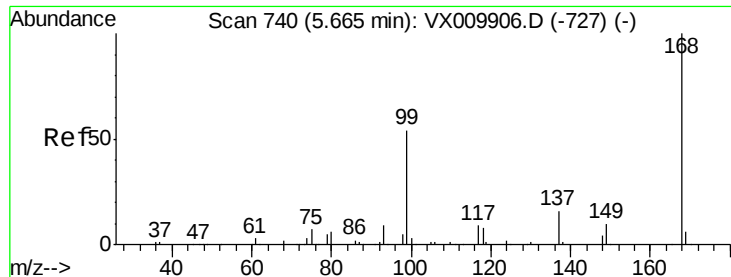
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060719\
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Quant Title : SW846 8260
QLast Update : Fri Jun 07 13:02:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	7462	1.274	ug/l	97
94) Hexachlorobutadiene	13.78	225	3265	1.253	ug/l	98
95) Naphthalene	13.83	128	21506	1.138	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	7029	1.211	ug/l	97

(#) = 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: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

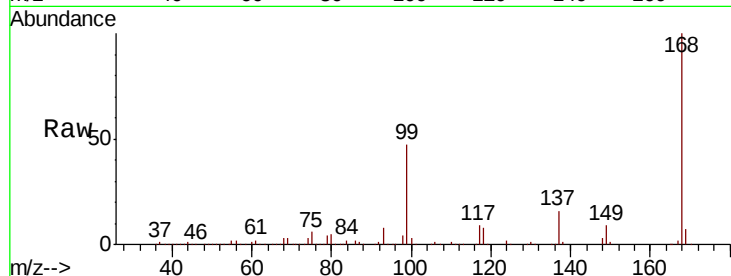
VSTDIC001

Tgt Ion:168 Resp: 389441

Ion Ratio Lower Upper

168 100

99 46.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

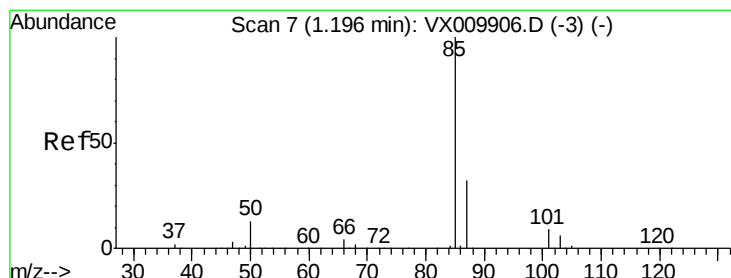
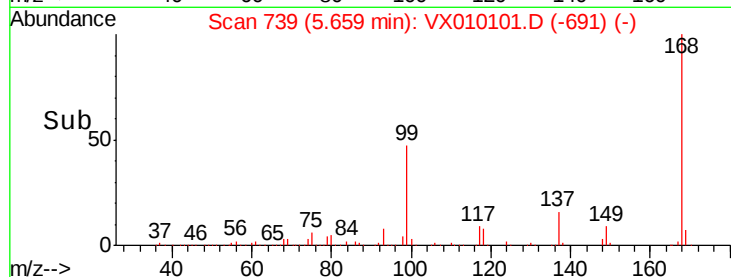
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.790 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010101.D

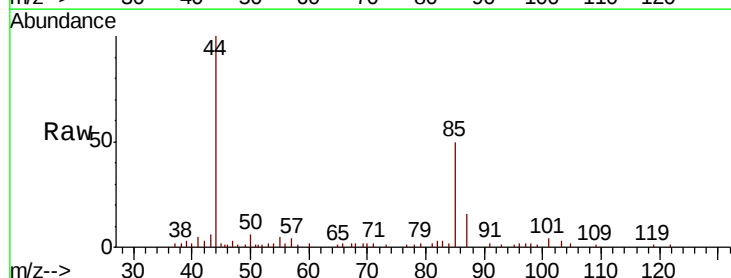
Acq: 07 Jun 2019 11:29

Tgt Ion: 85 Resp: 3056

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

3000

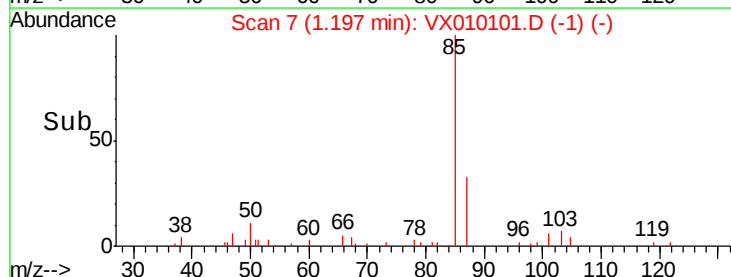
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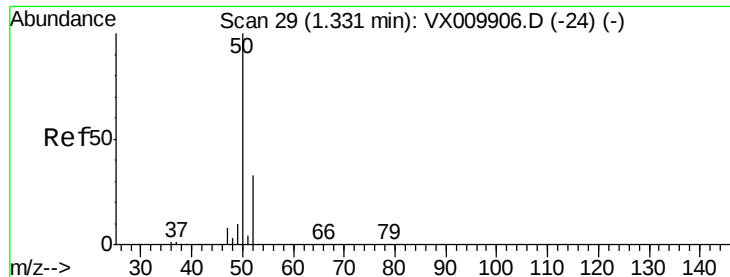
1000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 1.175 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

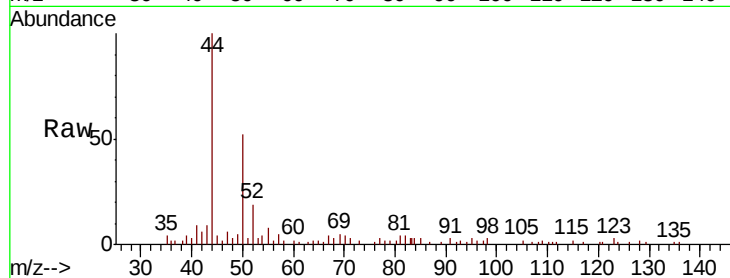
VSTDIC001

Tgt Ion: 50 Resp: 4159

Ion Ratio Lower Upper

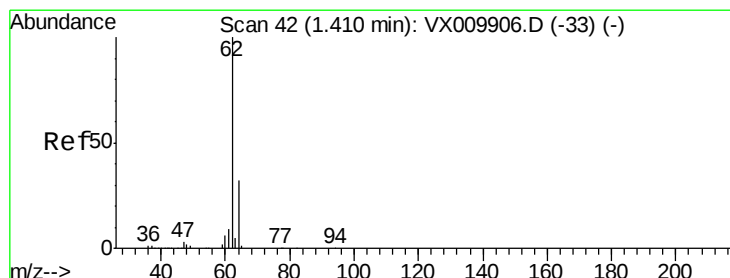
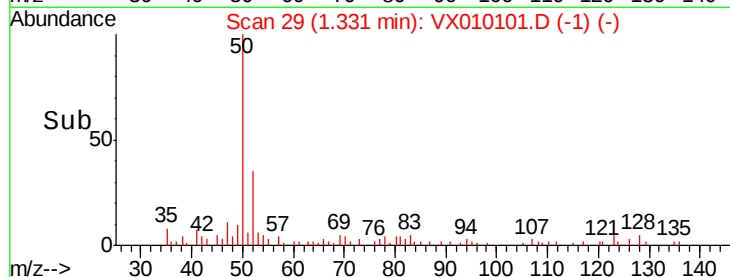
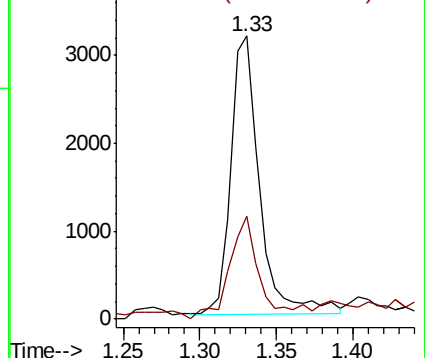
50 100

52 37.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.012 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010101.D

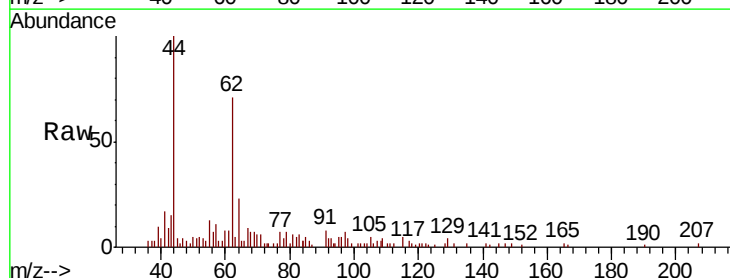
Acq: 07 Jun 2019 11:29

Tgt Ion: 62 Resp: 3366

Ion Ratio Lower Upper

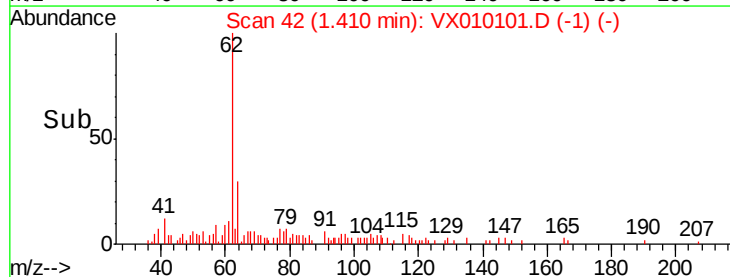
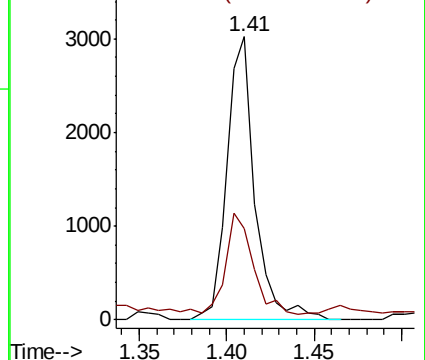
62 100

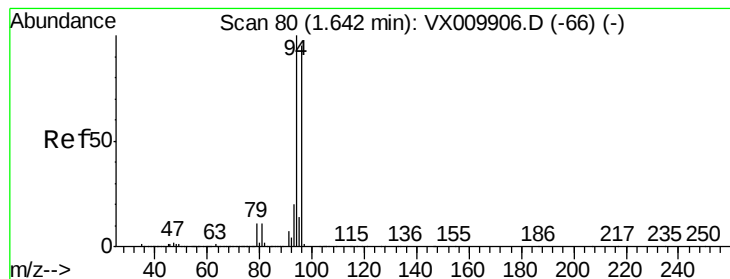
64 28.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 2.251 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

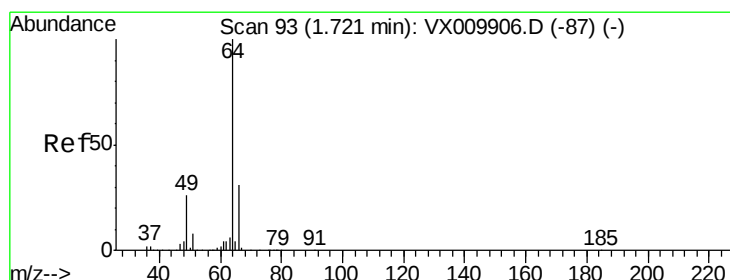
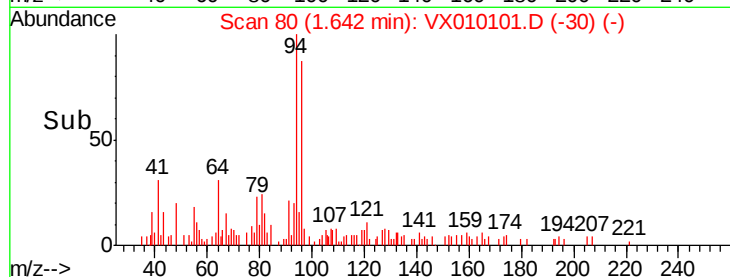
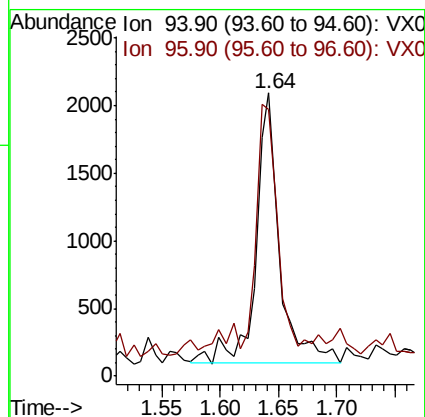
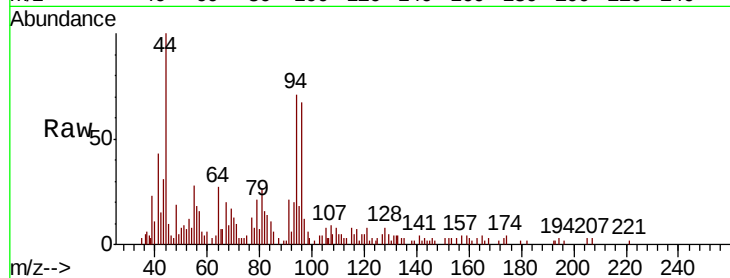
VSTDIC001

Tgt Ion: 94 Resp: 2794

Ion Ratio Lower Upper

94 100

96 85.7 76.2 114.4



#6

Chloroethane

Concen: 1.051 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010101.D

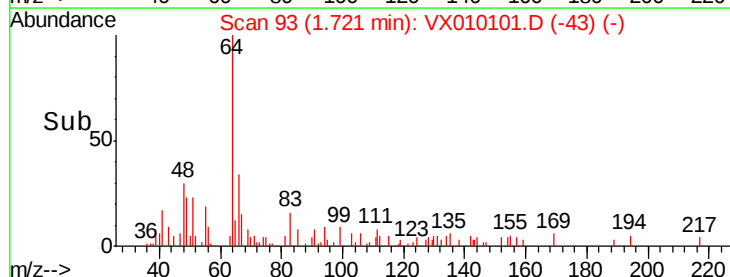
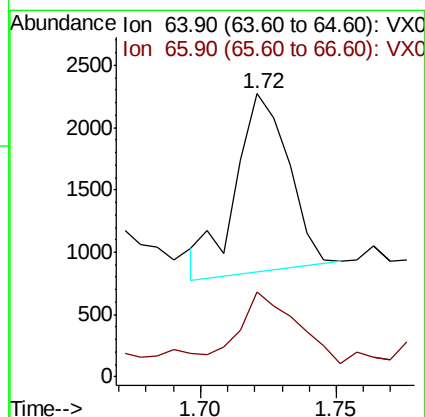
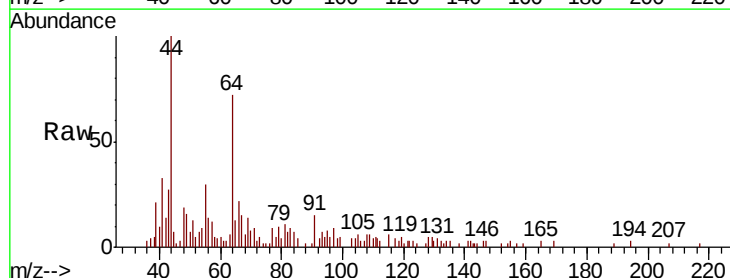
Acq: 07 Jun 2019 11:29

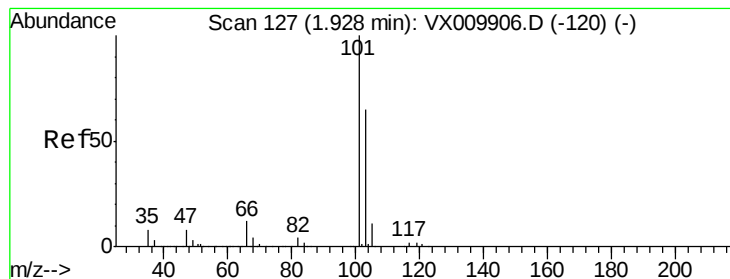
Tgt Ion: 64 Resp: 1953

Ion Ratio Lower Upper

64 100

66 43.0 25.1 37.7#



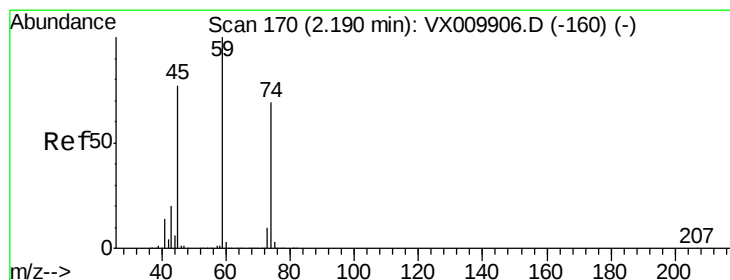
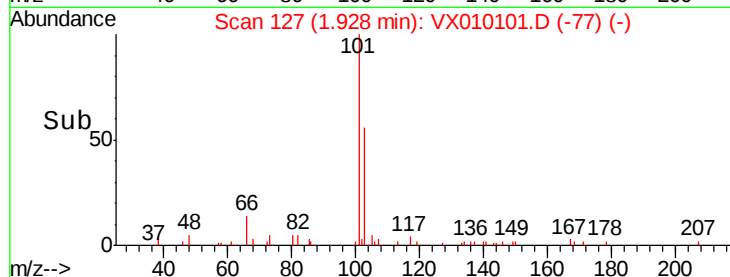
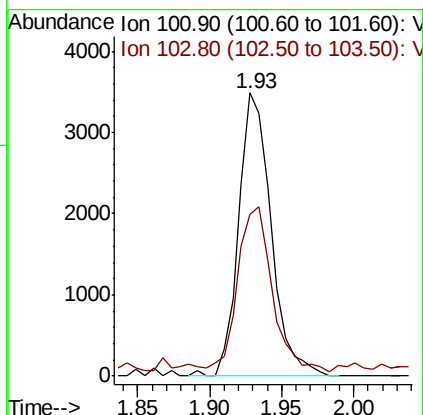
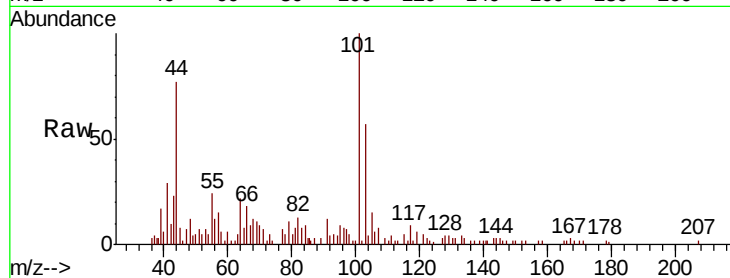


#7

Trichlorofluoromethane
 Concen: 1.122 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

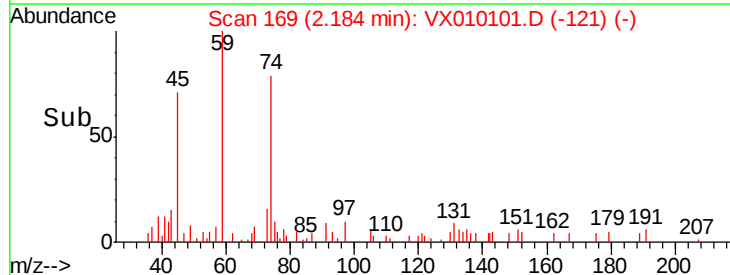
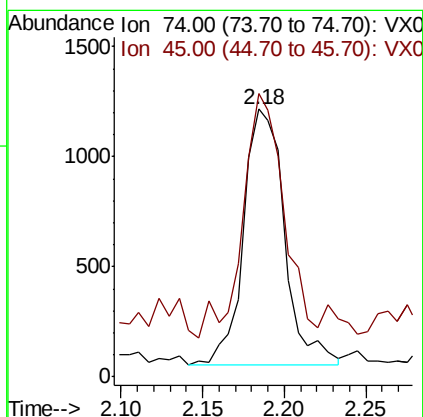
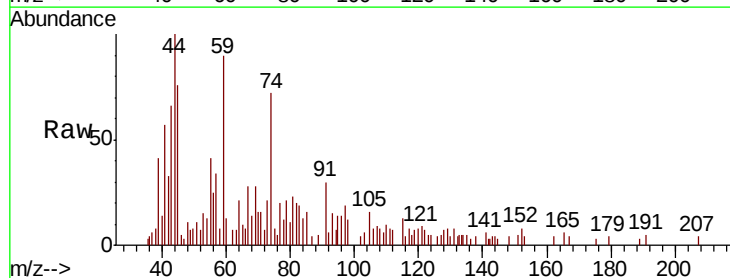
Tgt Ion: 101 Resp: 5459
 Ion Ratio Lower Upper
 101 100
 103 53.3 52.2 78.4

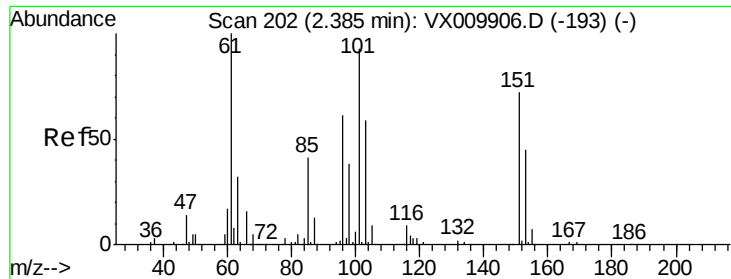


#8

Diethyl Ether
 Concen: 1.259 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Tgt Ion: 74 Resp: 2033
 Ion Ratio Lower Upper
 74 100
 45 95.2 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.136 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

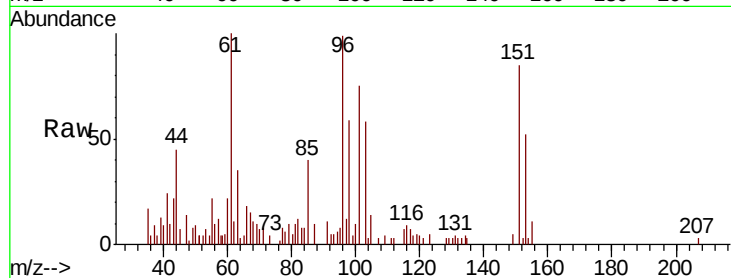
Tgt Ion:101 Resp: 3726

Ion Ratio Lower Upper

101 100

85 42.4 35.2 52.8

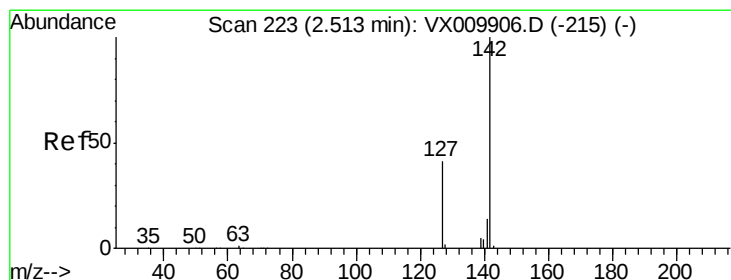
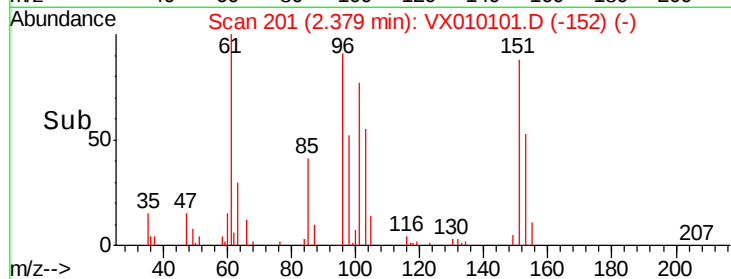
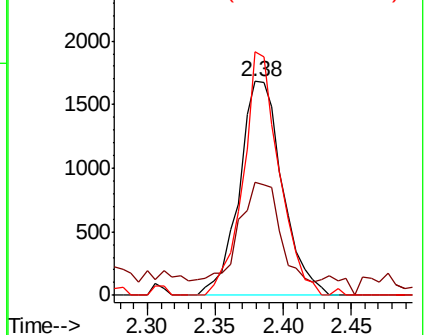
151 95.1 61.9 92.9#



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: 1.155 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

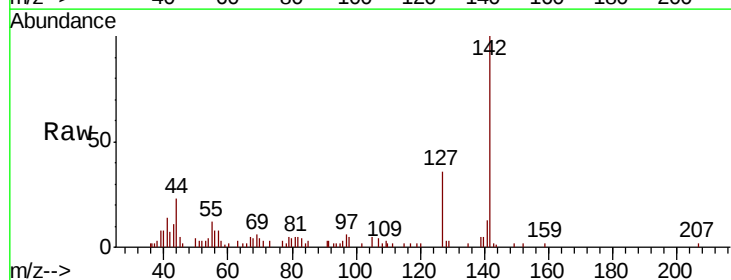
Tgt Ion:142 Resp: 6247

Ion Ratio Lower Upper

142 100

127 40.4 33.0 49.4

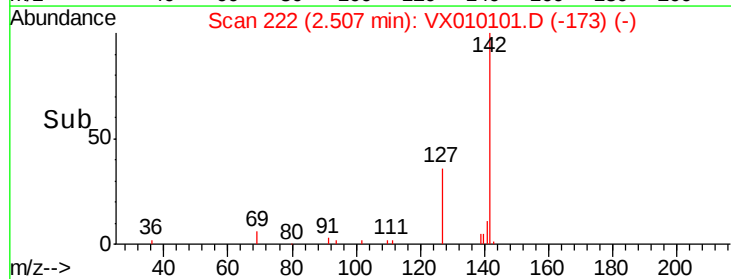
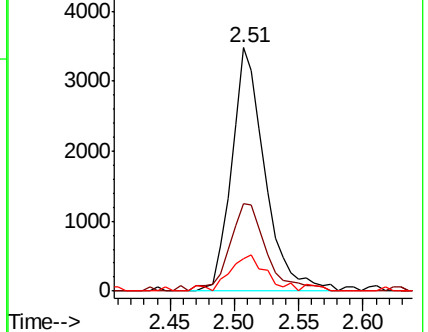
141 16.6 11.4 17.0

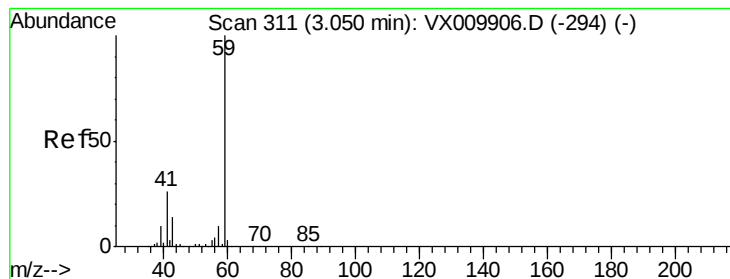


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 6.131 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

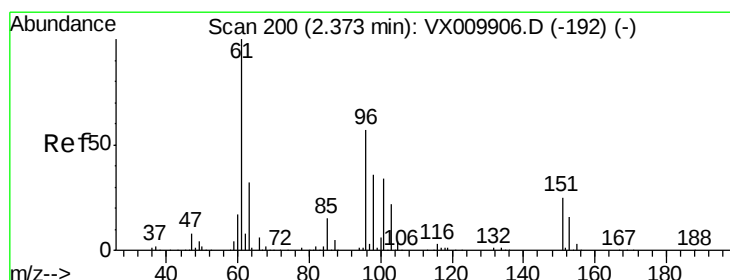
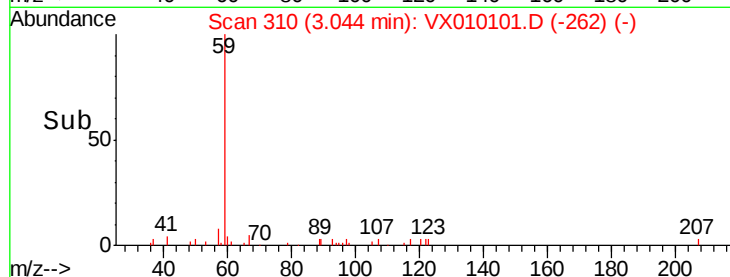
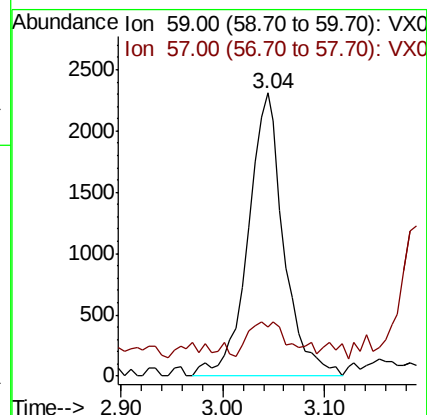
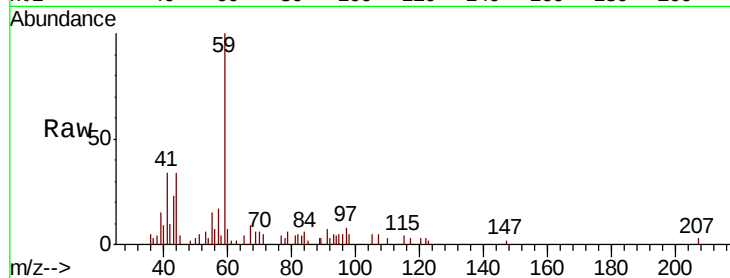
VSTDIC001

Tgt Ion: 59 Resp: 5642

Ion Ratio Lower Upper

59 100

57 13.9 8.2 12.2#



#12

1,1-Dichloroethene

Concen: 1.153 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

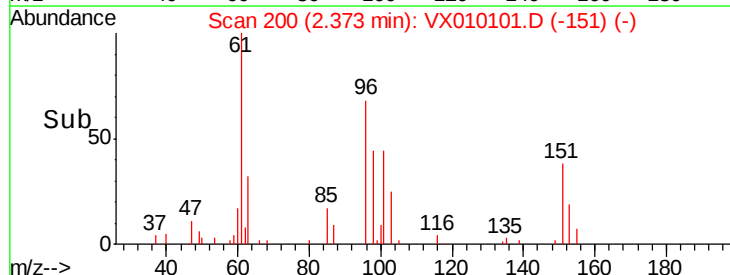
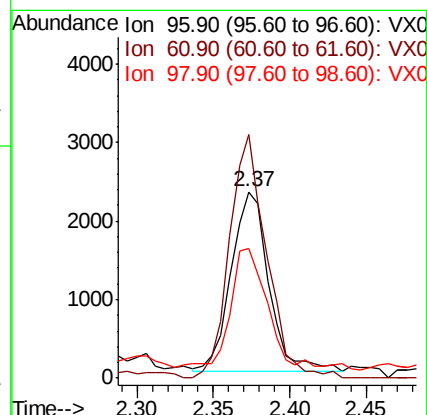
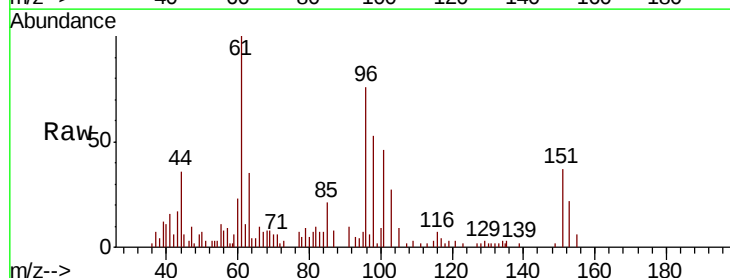
Tgt Ion: 96 Resp: 3898

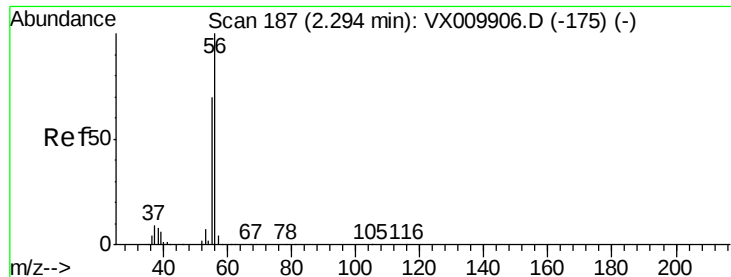
Ion Ratio Lower Upper

96 100

61 135.8 140.7 211.1#

98 64.2 50.1 75.1





#13

Acrolein

Concen: 6.930 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

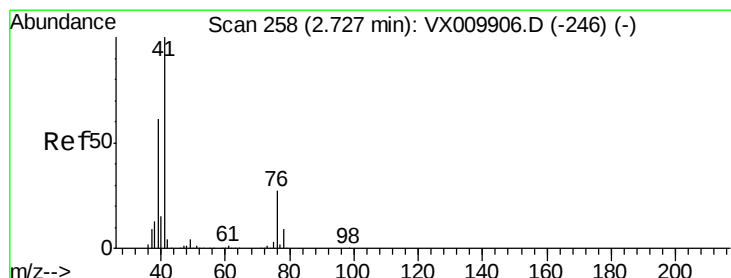
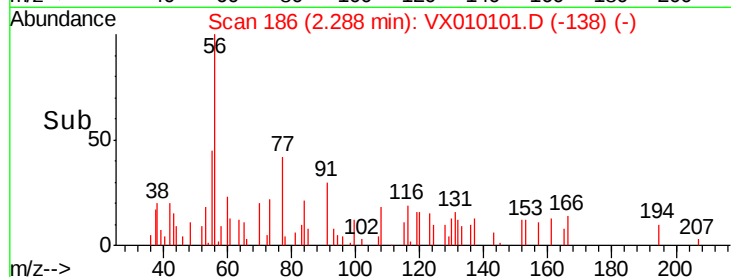
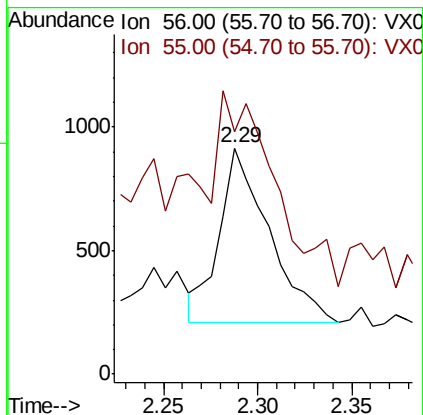
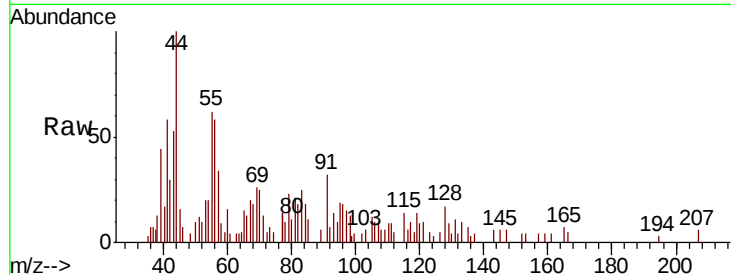
VSTDIC001

Tgt Ion: 56 Resp: 1282

Ion Ratio Lower Upper

56 100

55 122.9 57.0 85.4#



#14

Allyl chloride

Concen: 1.186 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

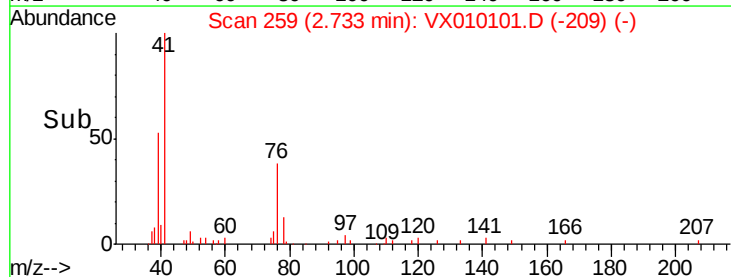
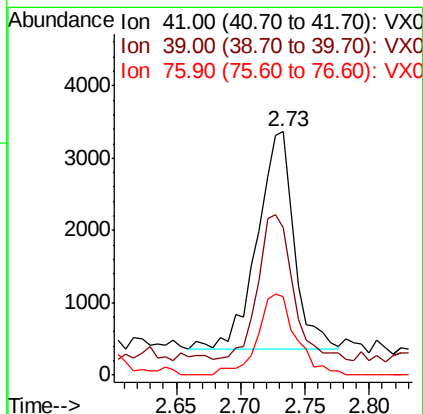
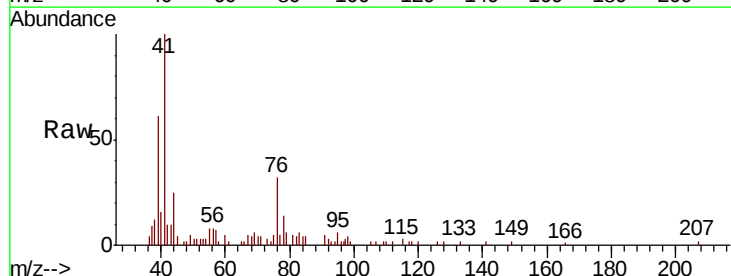
Tgt Ion: 41 Resp: 6013

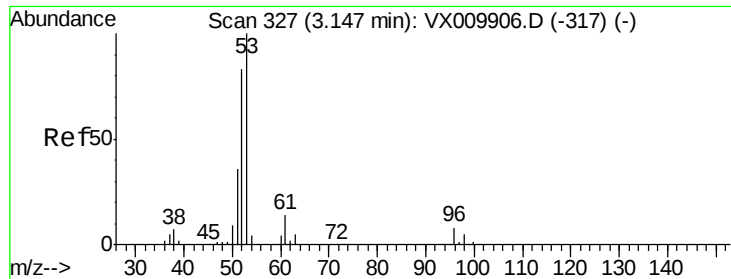
Ion Ratio Lower Upper

41 100

39 63.8 46.7 70.1

76 38.7 21.0 31.4#





#15

Acrylonitrile

Concen: 5.503 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

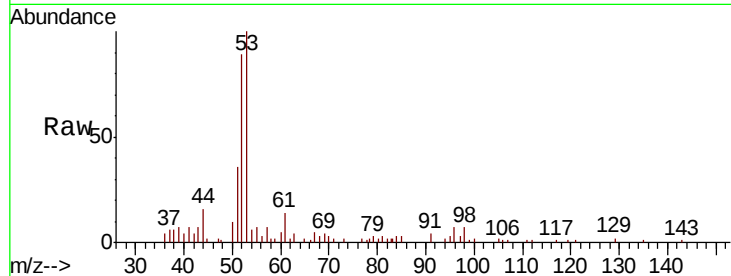
Tgt Ion: 53 Resp: 10269

Ion Ratio Lower Upper

53 100

52 84.3 66.7 100.1

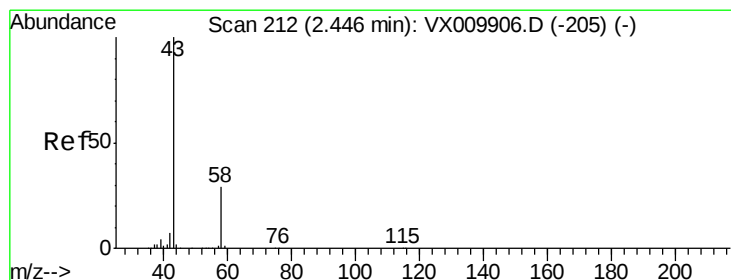
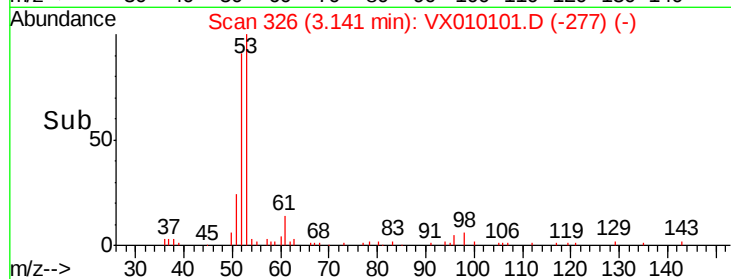
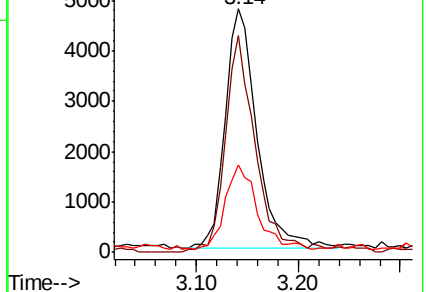
51 36.9 28.8 43.2



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: 6.077 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010101.D

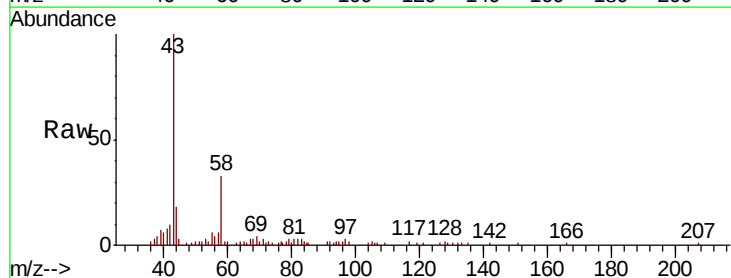
Acq: 07 Jun 2019 11:29

Tgt Ion: 43 Resp: 10446

Ion Ratio Lower Upper

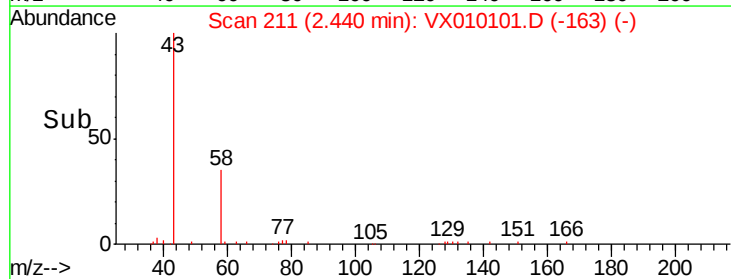
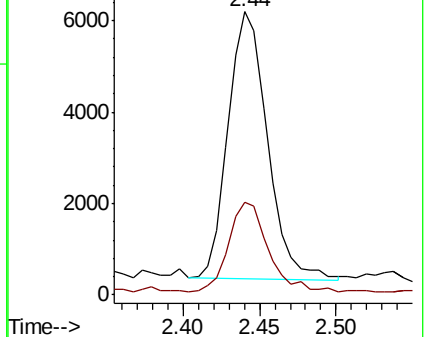
43 100

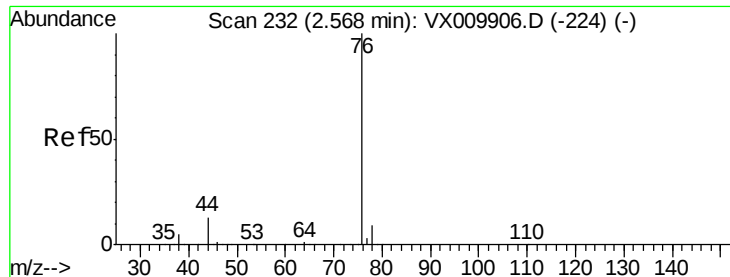
58 33.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

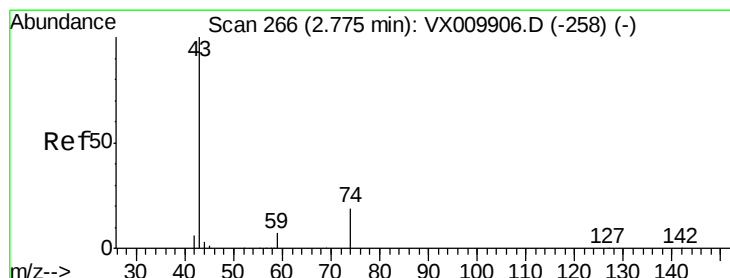
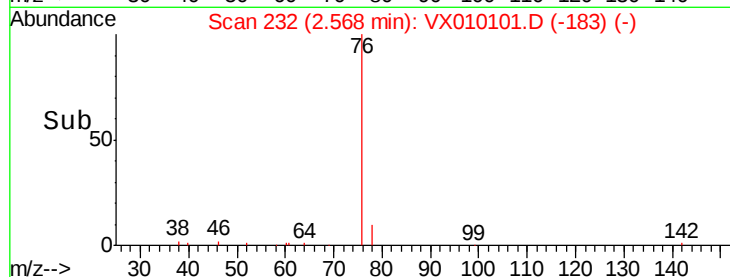
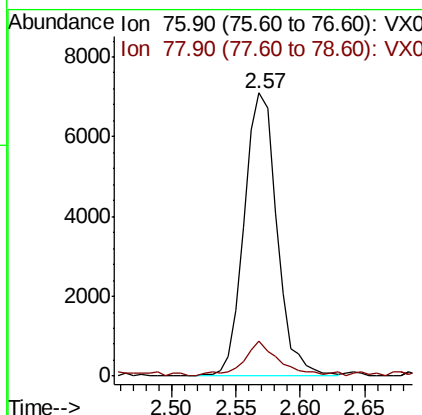
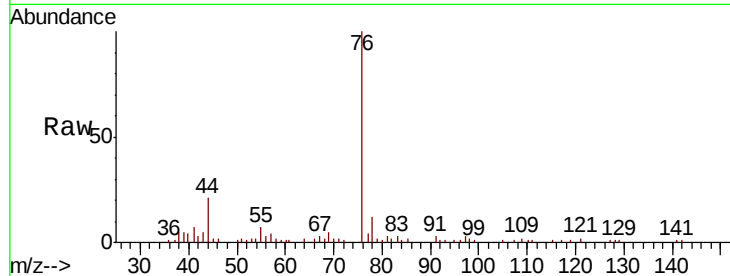




#17
Carbon Disulfide
Concen: 1.314 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

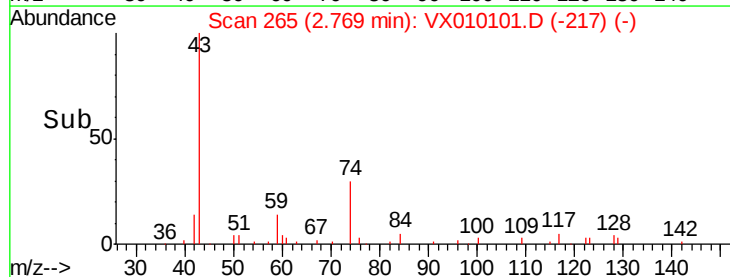
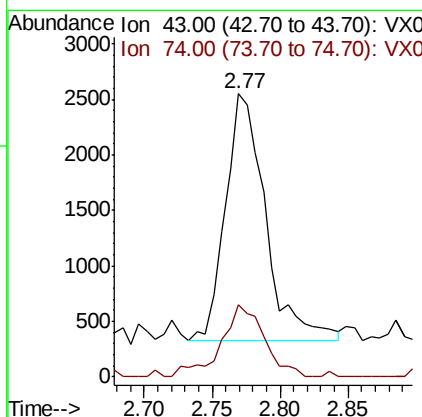
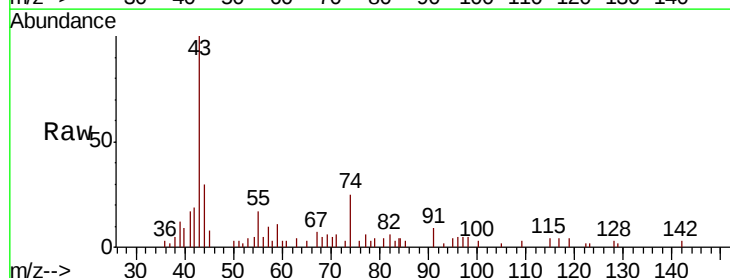
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

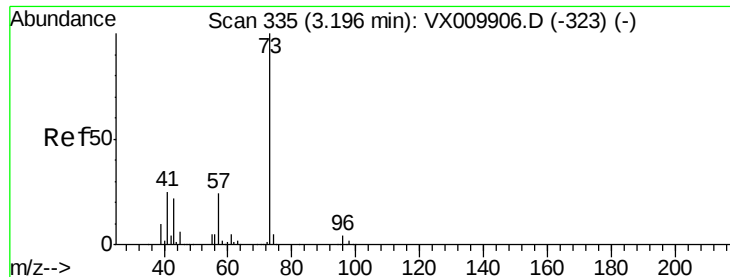
Tgt Ion: 76 Resp: 12509
Ion Ratio Lower Upper
76 100
78 12.3 7.0 10.6#



#18
Methyl Acetate
Concen: 1.243 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion: 43 Resp: 4596
Ion Ratio Lower Upper
43 100
74 31.2 15.8 23.6#



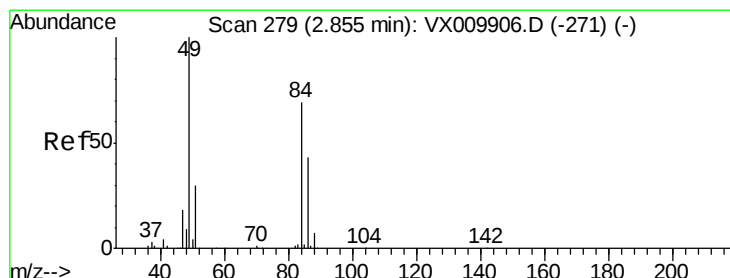
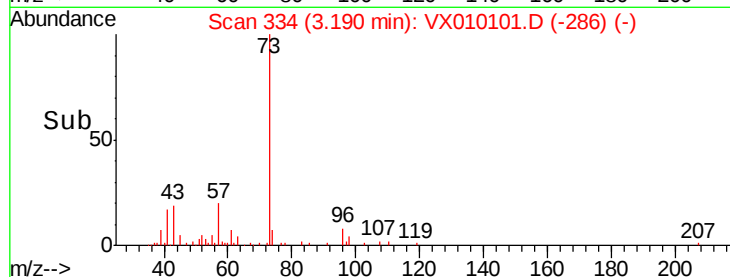
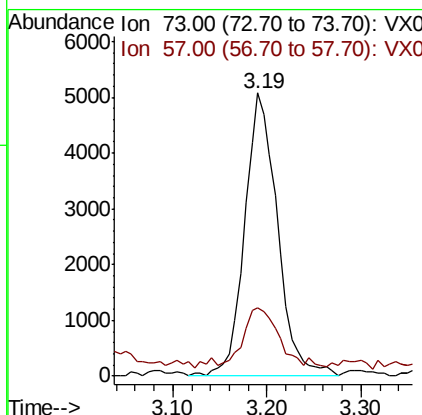
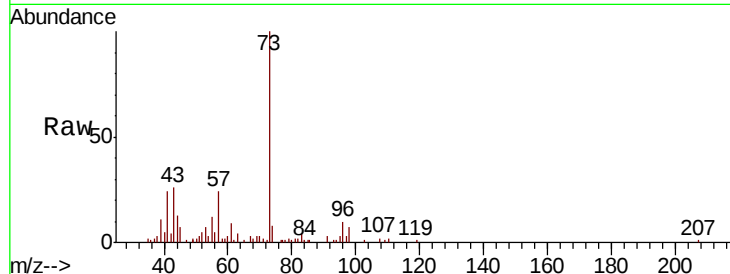


#19

Methyl tert-butyl Ether
Concen: 1.141 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

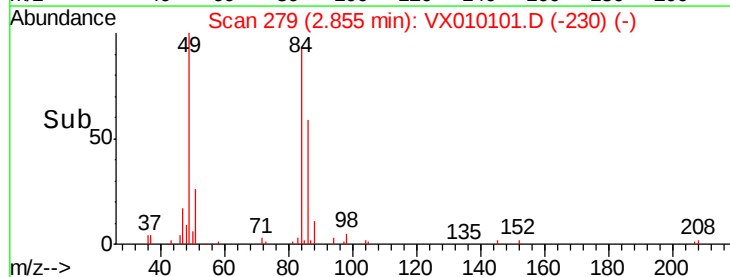
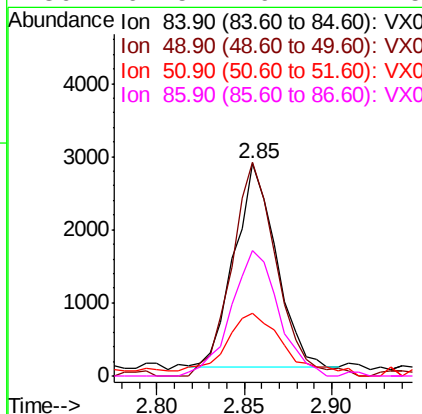
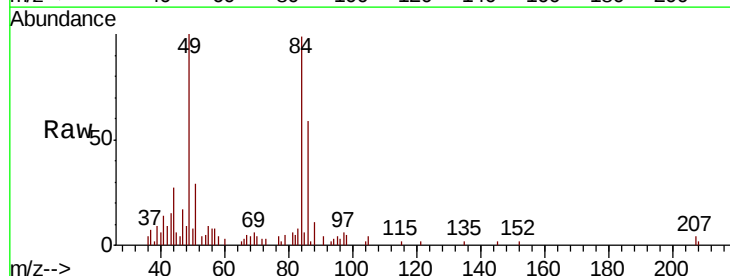
Tgt Ion: 73 Resp: 12340
Ion Ratio Lower Upper
73 100
57 19.1 19.4 29.2#

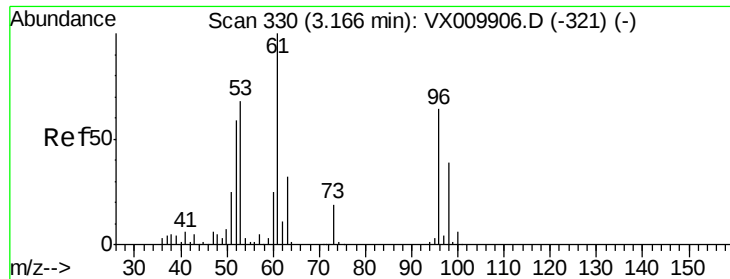


#20

Methylene Chloride
Concen: 1.249 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion: 84 Resp: 4649
Ion Ratio Lower Upper
84 100
49 104.8 115.8 173.6#
51 28.1 34.4 51.6#
86 61.5 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 1.343 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

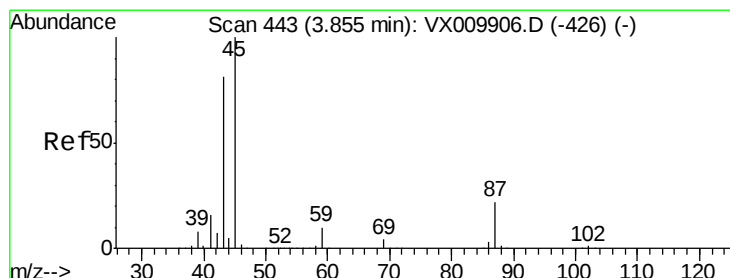
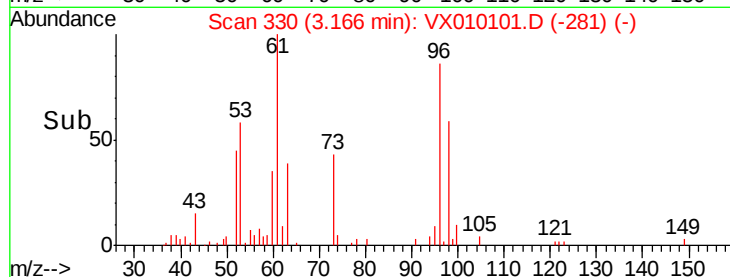
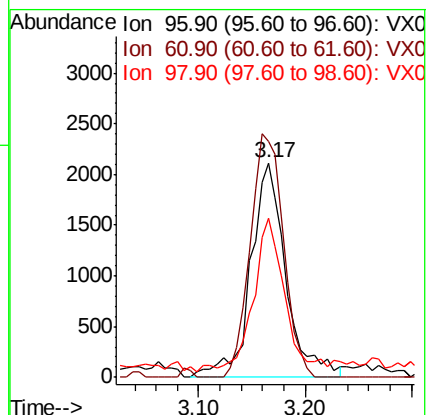
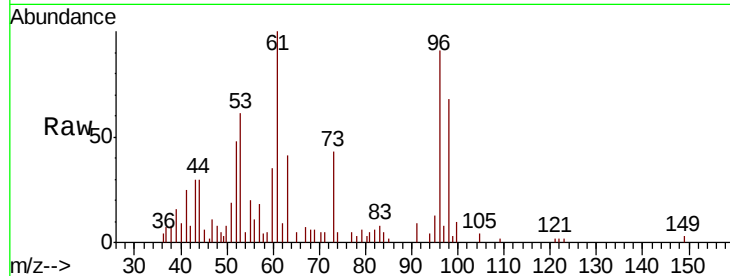
Tgt Ion: 96 Resp: 4910

Ion Ratio Lower Upper

96 100

61 109.8 125.7 188.5#

98 69.5 49.0 73.6



#22

Diisopropyl ether

Concen: 1.067 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tgt Ion: 45 Resp: 10616

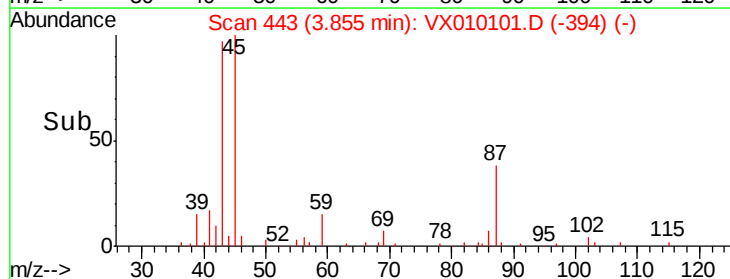
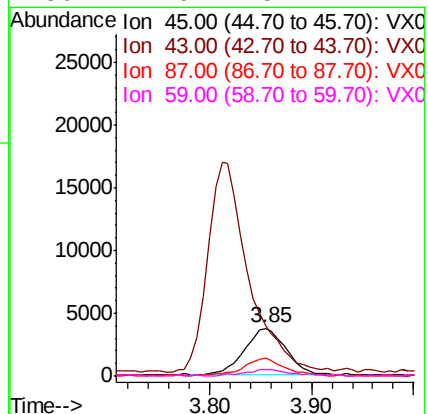
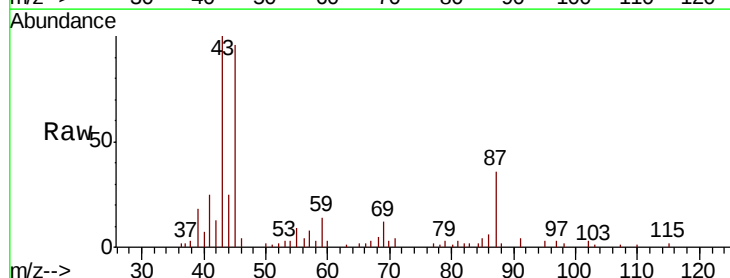
Ion Ratio Lower Upper

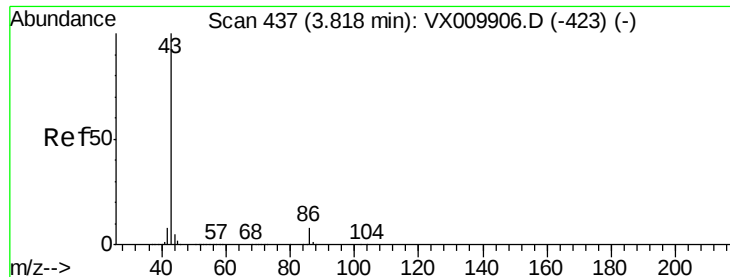
45 100

43 92.3 65.0 97.4

87 38.1 17.3 25.9#

59 14.9 8.1 12.1#





#23

Vinyl Acetate

Concen: 5.183 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

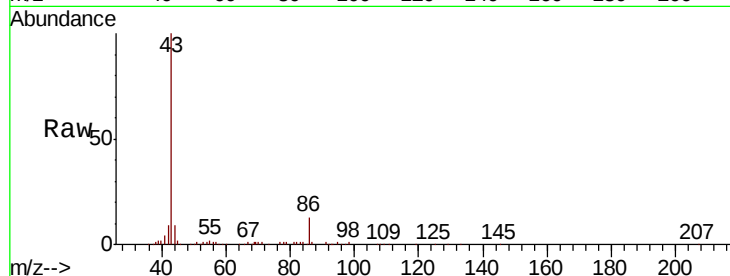
VSTDIC001

Tgt Ion: 43 Resp: 46480

Ion Ratio Lower Upper

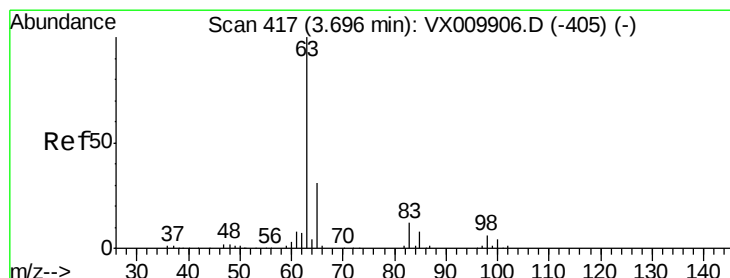
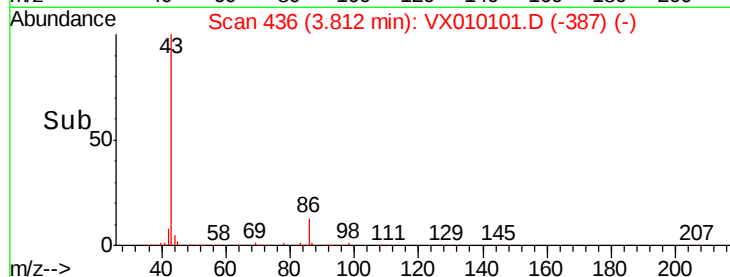
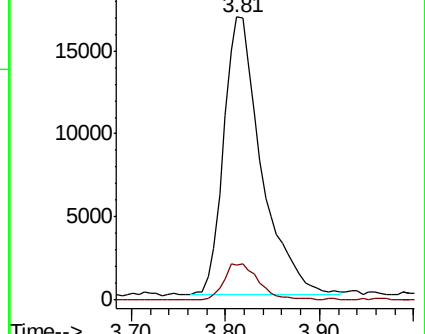
43 100

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



#24

1,1-Dichloroethane

Concen: 1.181 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

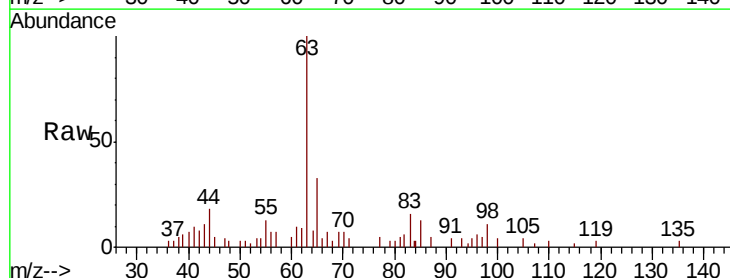
Tgt Ion: 63 Resp: 6914

Ion Ratio Lower Upper

63 100

98 7.6 2.9 8.8

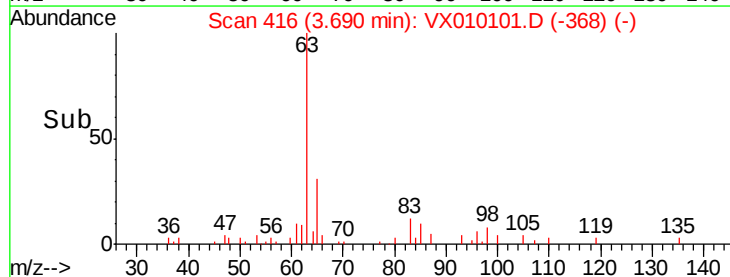
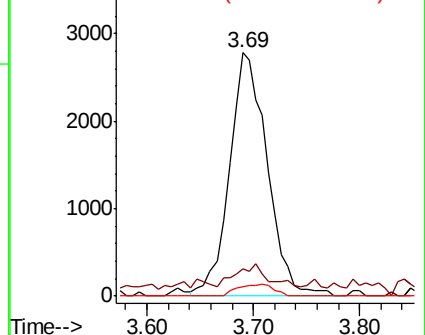
100 3.8 1.8 5.4

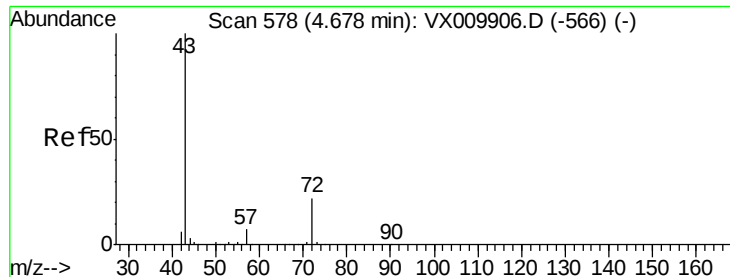


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.193 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

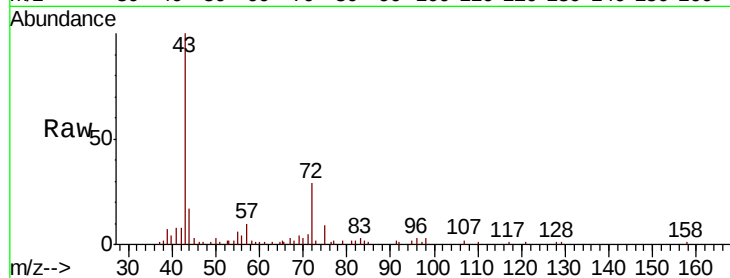
VSTDIC001

Tgt Ion: 43 Resp: 13662

Ion Ratio Lower Upper

43 100

72 31.2 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

5000

4000

3000

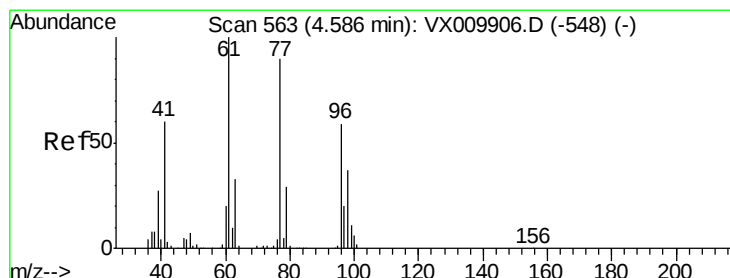
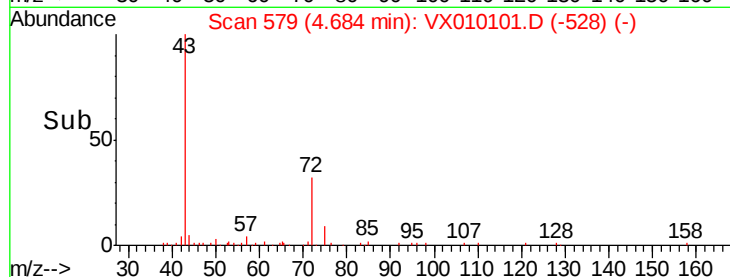
2000

1000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 1.126 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010101.D

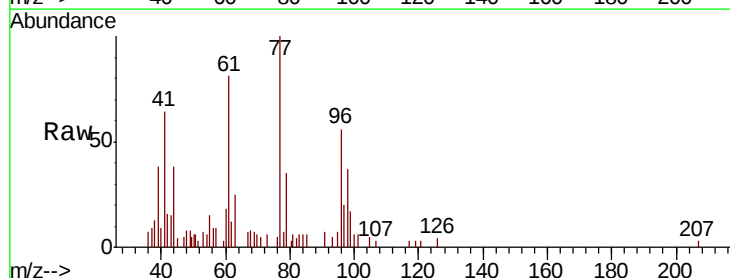
Acq: 07 Jun 2019 11:29

Tgt Ion: 77 Resp: 6065

Ion Ratio Lower Upper

77 100

97 10.9 11.4 34.2#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

2000

1500

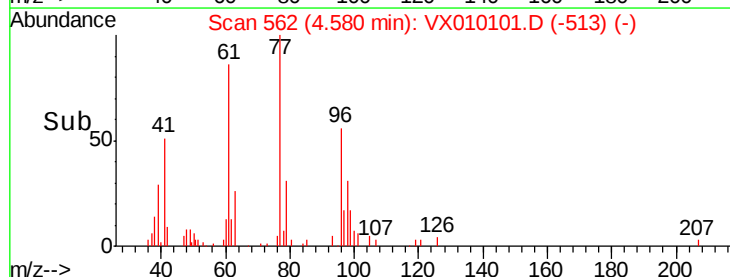
1000

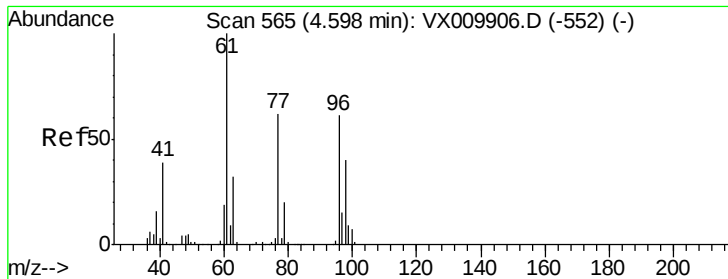
500

0

4.50 4.60 4.70

Time-->



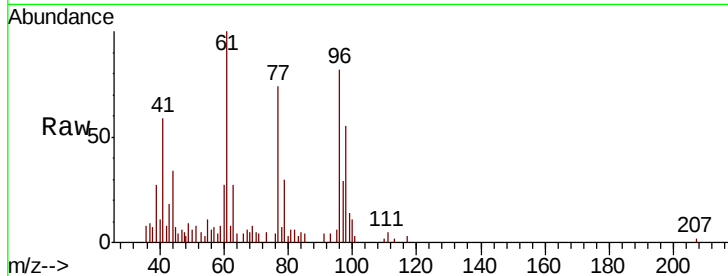


#27

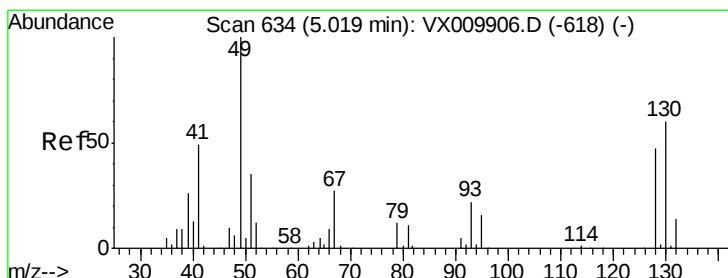
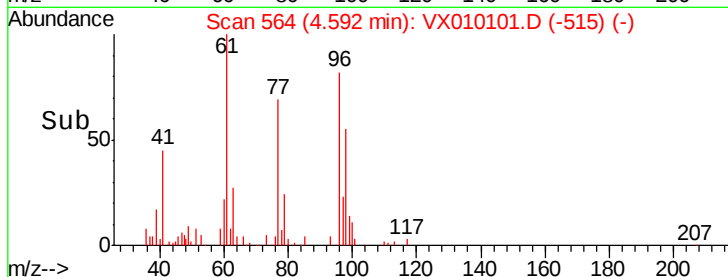
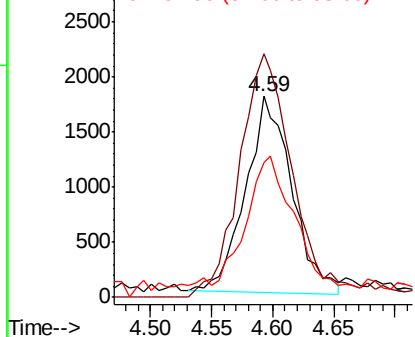
cis-1,2-Dichloroethene
Concen: 1.122 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 4679
Ion Ratio Lower Upper
96 100
61 141.7 0.0 334.0
98 69.6 0.0 131.6



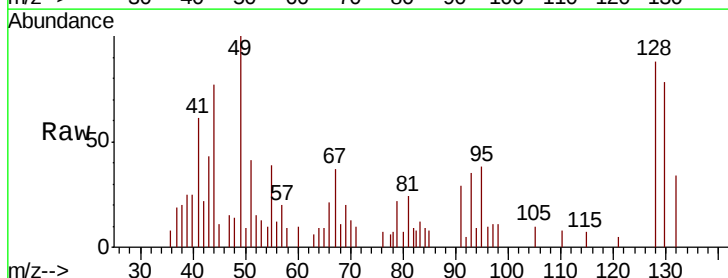
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



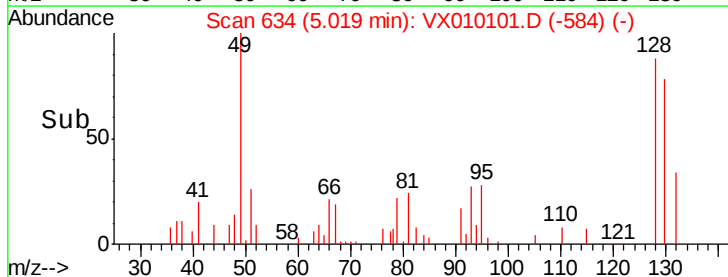
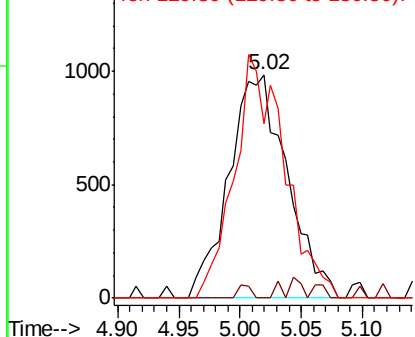
#28

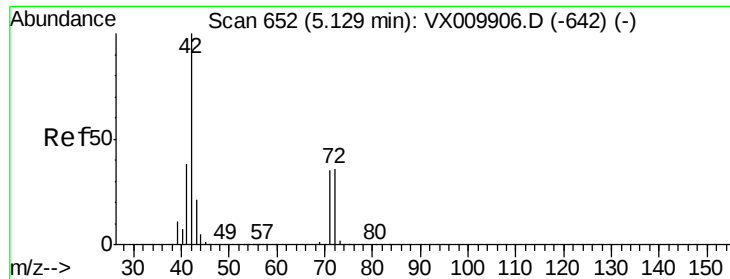
Bromochloromethane
Concen: 1.228 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion: 49 Resp: 3249
Ion Ratio Lower Upper
49 100
129 1.2 0.0 3.4
130 94.1 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

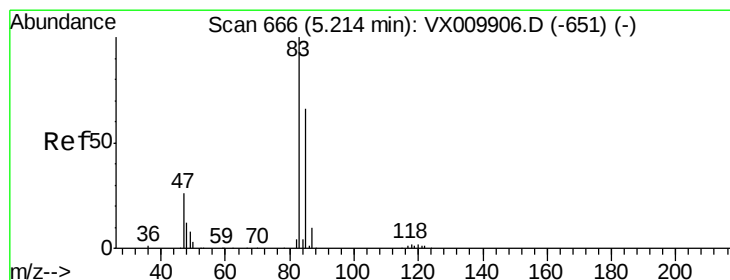
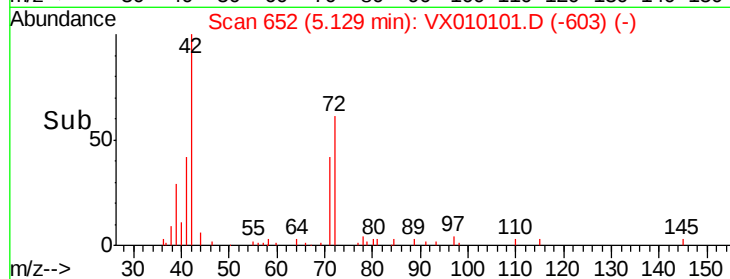
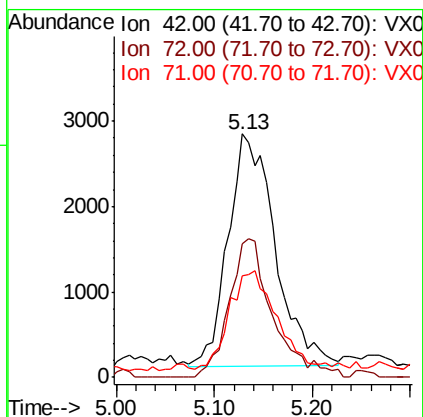
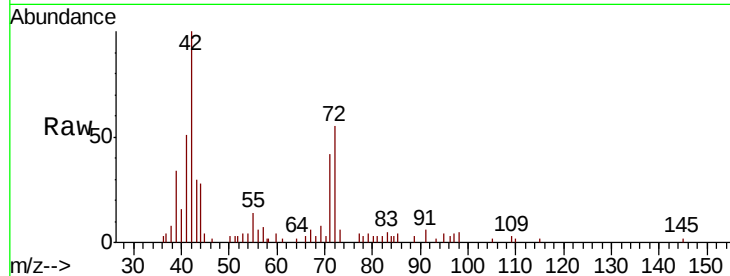




#29
Tetrahydrofuran
Concen: 5.614 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

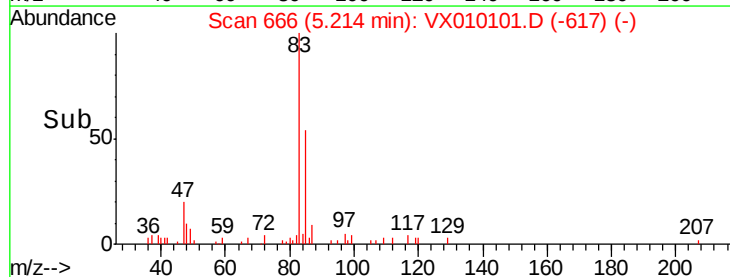
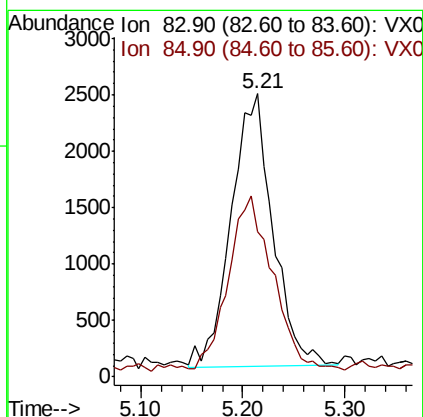
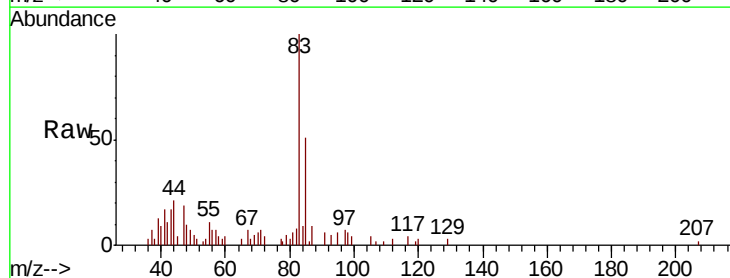
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

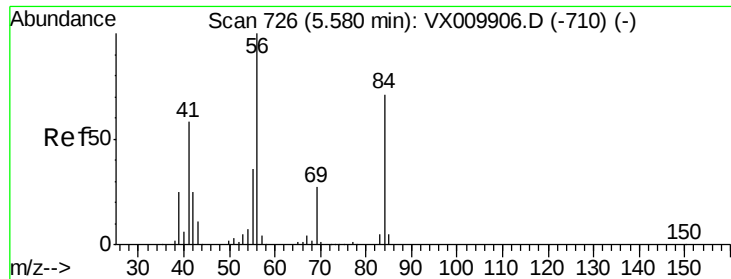
Tgt Ion: 42 Resp: 9125
Ion Ratio Lower Upper
42 100
72 54.8 29.2 43.8#
71 42.8 27.6 41.4#



#30
Chloroform
Concen: 1.103 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion: 83 Resp: 6835
Ion Ratio Lower Upper
83 100
85 50.9 52.6 78.8#

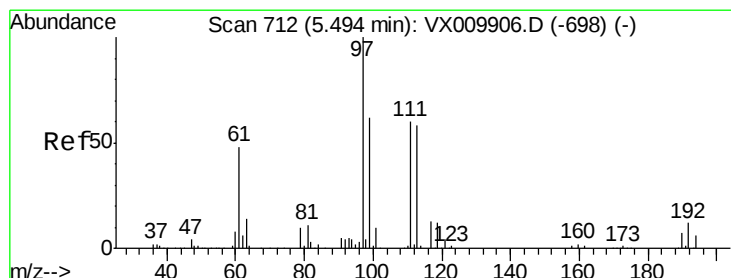
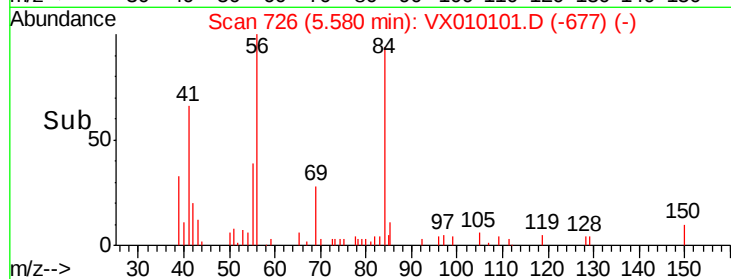
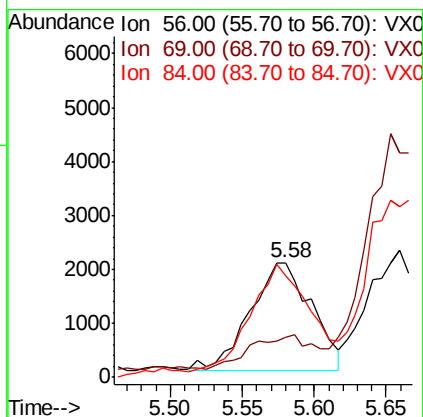
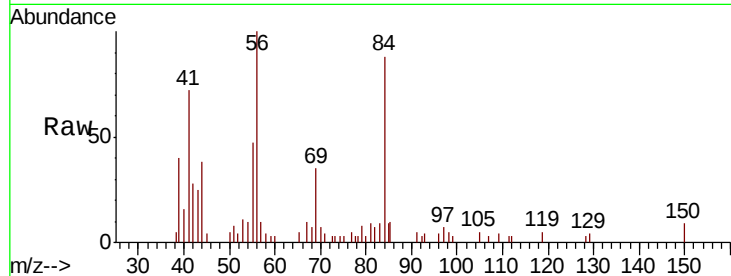




#31
Cyclohexane
Concen: 1.098 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

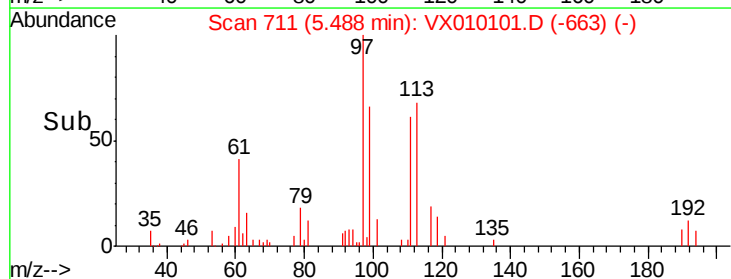
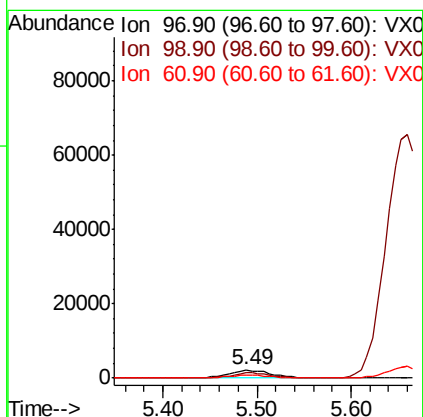
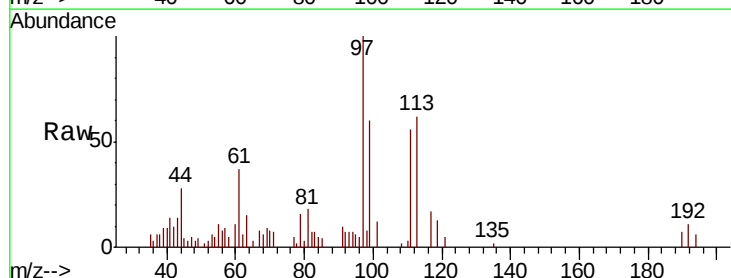
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

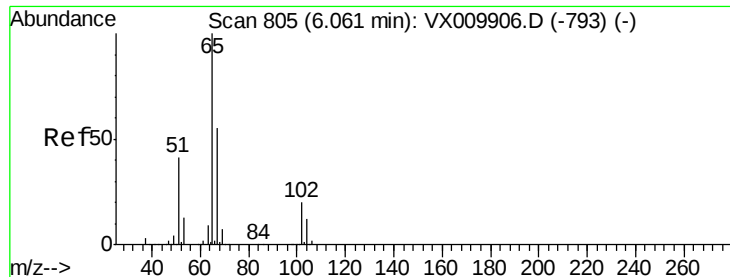
Tgt Ion: 56 Resp: 5999
Ion Ratio Lower Upper
56 100
69 28.9 21.6 32.4
84 90.3 56.8 85.2#



#32
1,1,1-Trichloroethane
Concen: 1.255 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion: 97 Resp: 7092
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.4#
61 37.9 38.7 58.1#





#33

1,2-Dichloroethane-d4

Concen: 1.170 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

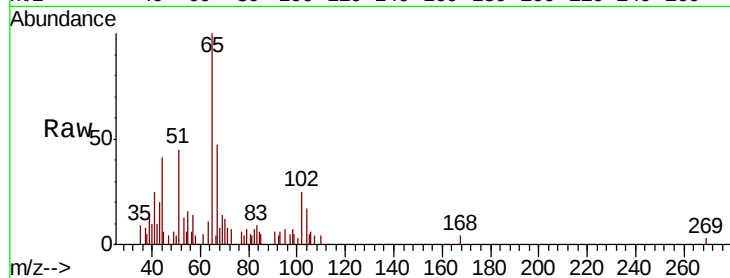
VSTDIC001

Tgt Ion: 65 Resp: 4306

Ion Ratio Lower Upper

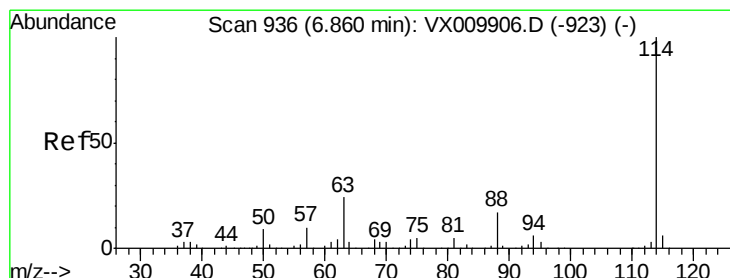
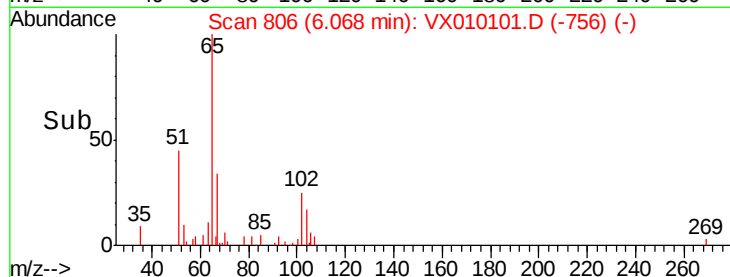
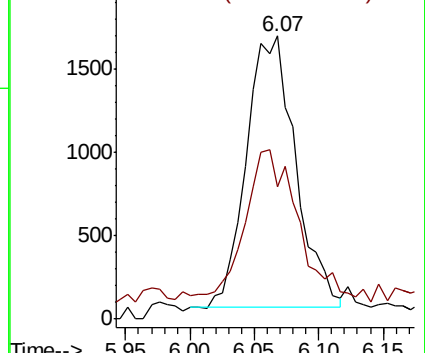
65 100

67 62.8 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: VX010101.D

Acq: 07 Jun 2019 11:29

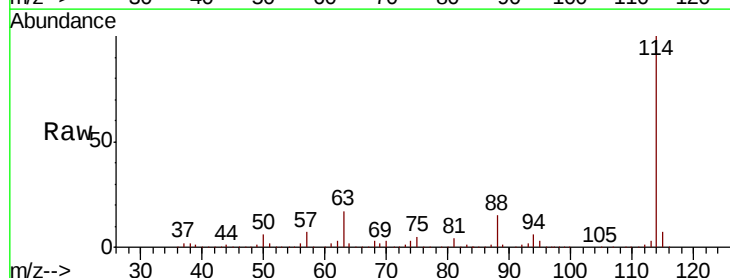
Tgt Ion: 114 Resp: 583746

Ion Ratio Lower Upper

114 100

63 17.2 0.0 47.4

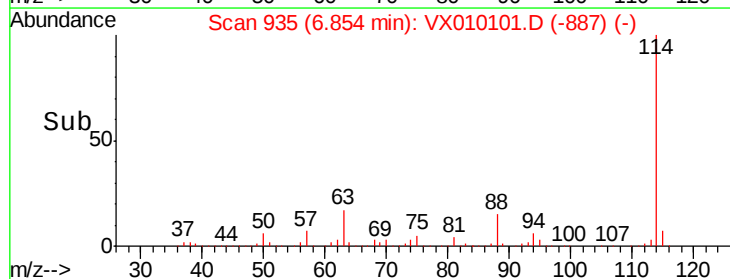
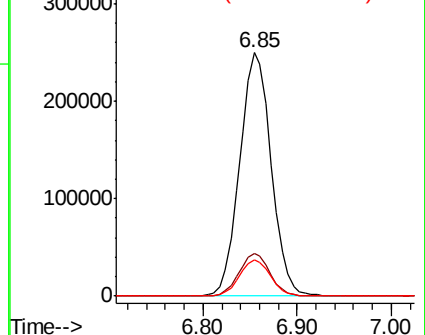
88 15.1 0.0 33.0

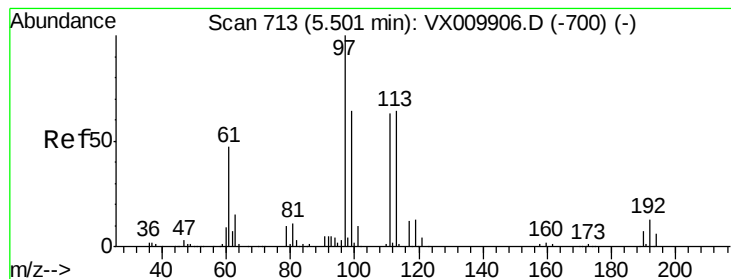


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1.294 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

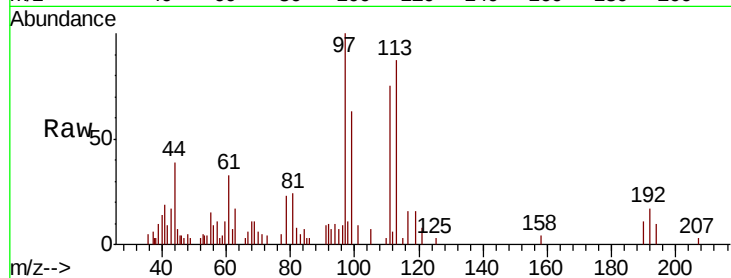
Tgt Ion:113 Resp: 4569

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

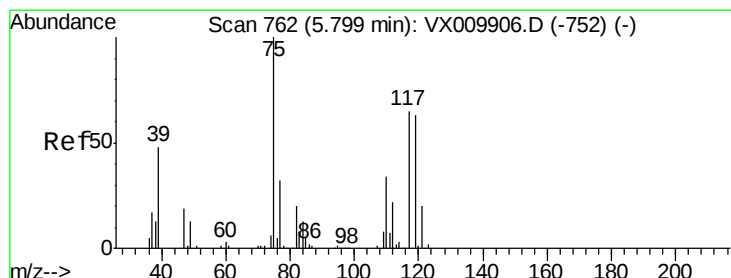
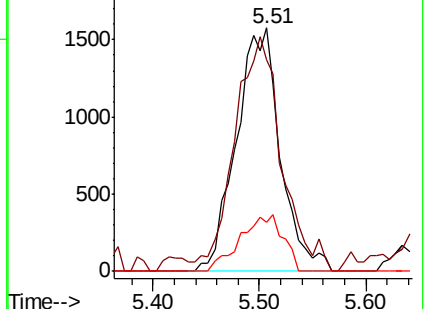
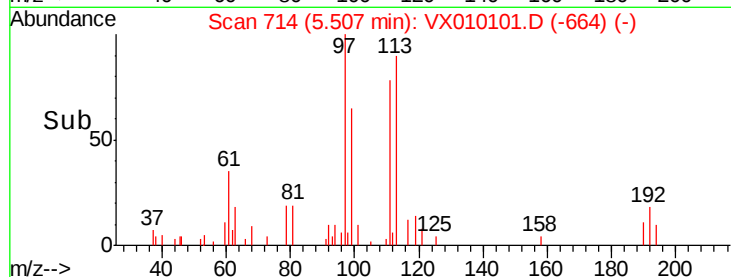
192 22.6 17.1 25.7



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: 1.143 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

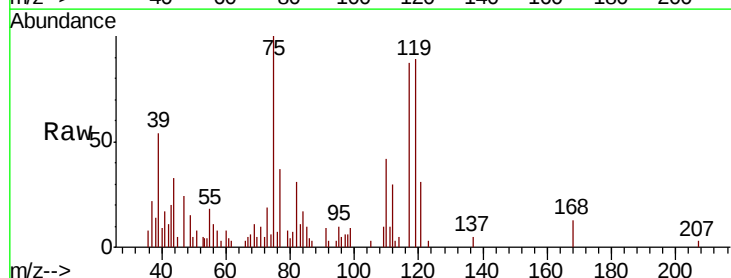
Tgt Ion: 75 Resp: 5211

Ion Ratio Lower Upper

75 100

110 51.8 16.7 50.1#

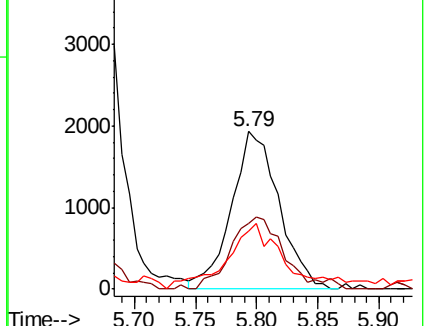
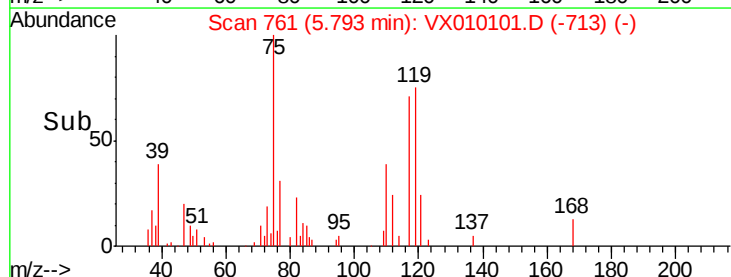
77 50.6 25.0 37.4#

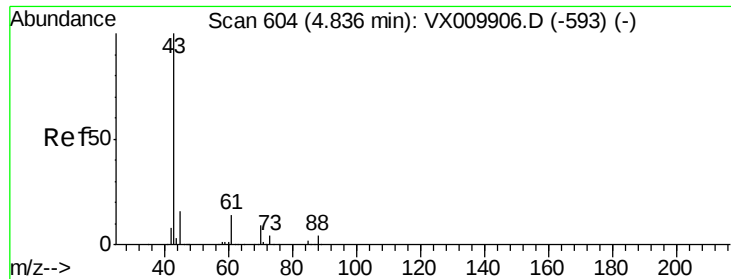


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

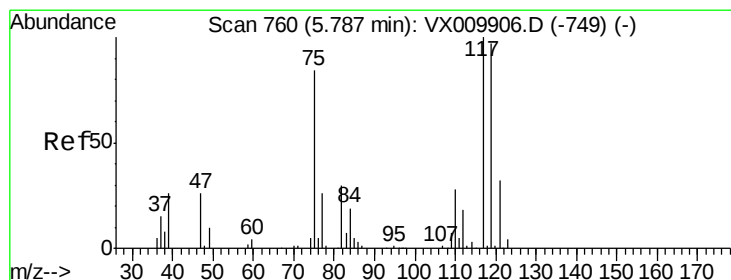
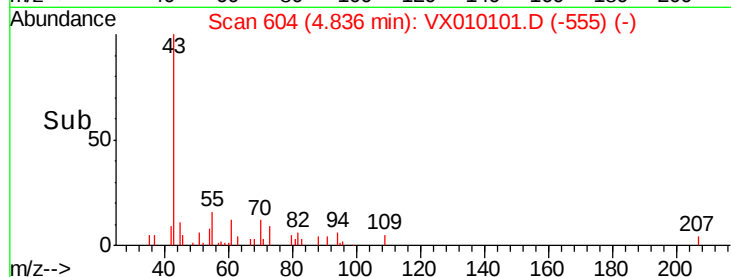
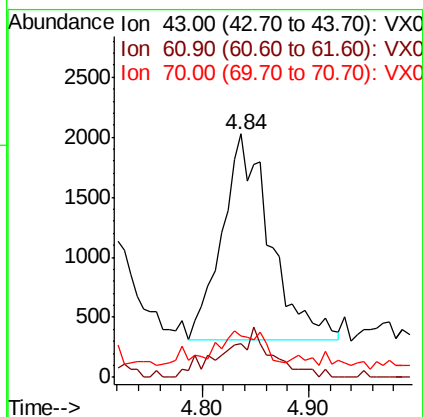
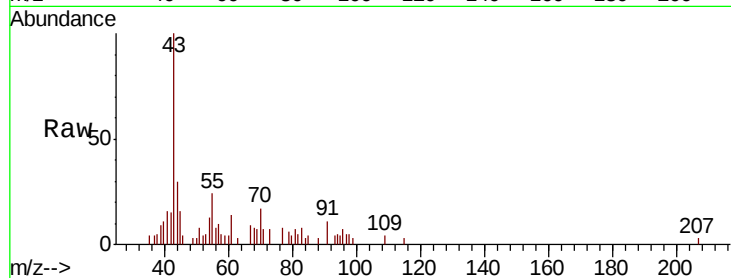




#37
Ethyl Acetate
Concen: 1.128 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

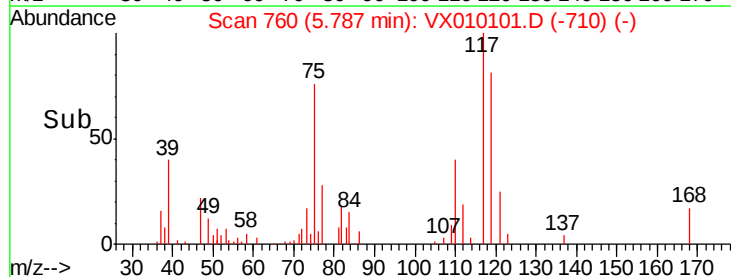
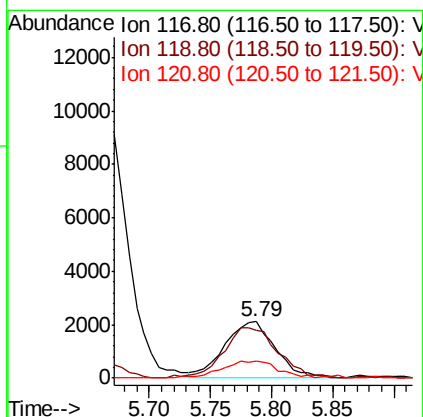
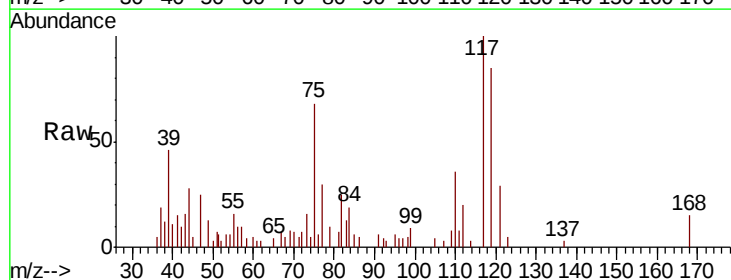
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

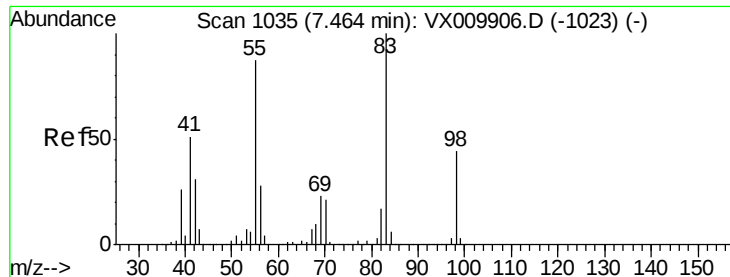
Tgt Ion: 43 Resp: 5417
Ion Ratio Lower Upper
43 100
61 24.0 10.2 15.2#
70 15.3 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 1.192 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion: 117 Resp: 6159
Ion Ratio Lower Upper
117 100
119 84.7 77.3 115.9
121 26.1 25.4 38.0

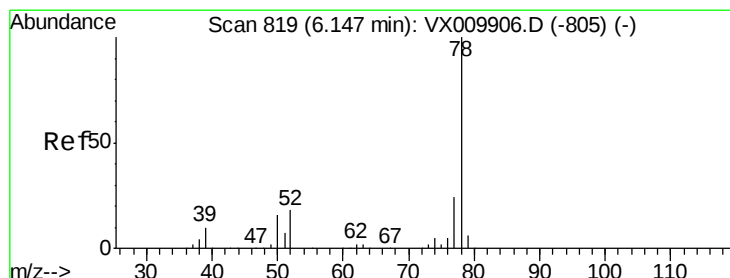
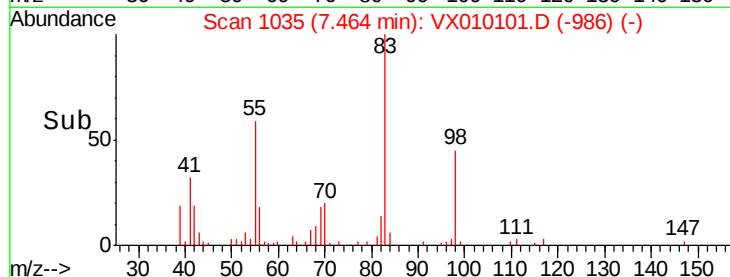
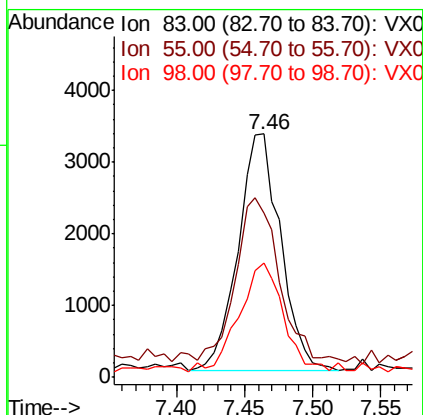
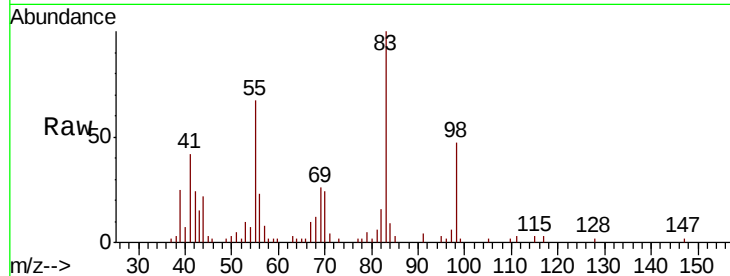




#39
Methylcyclohexane
Concen: 1.175 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

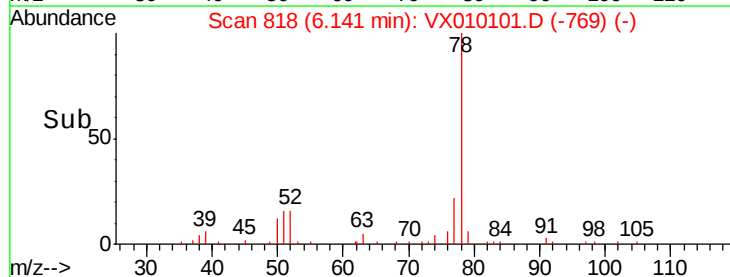
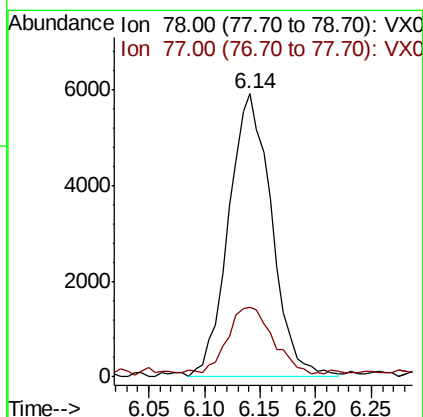
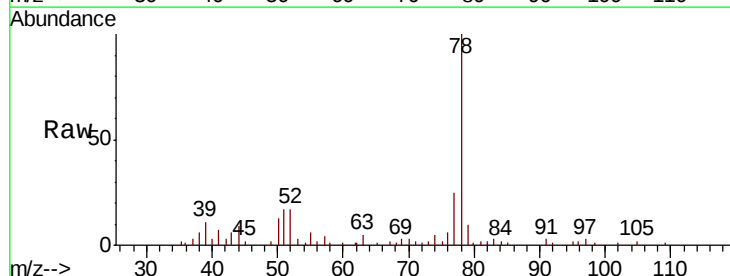
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

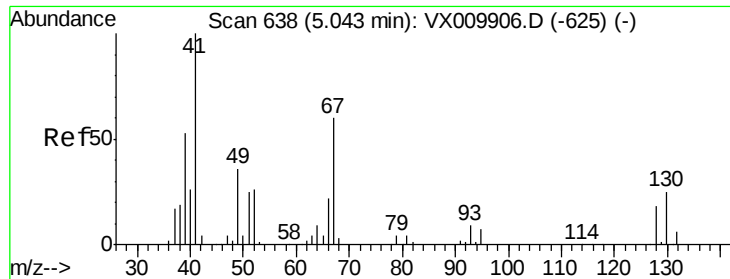
Tgt Ion: 83 Resp: 7251
Ion Ratio Lower Upper
83 100
55 61.0 69.9 104.9#
98 45.8 35.1 52.7



#40
Benzene
Concen: 1.106 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion: 78 Resp: 15873
Ion Ratio Lower Upper
78 100
77 22.7 19.2 28.8





#41

Methacrylonitrile

Concen: 1.114 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 2921

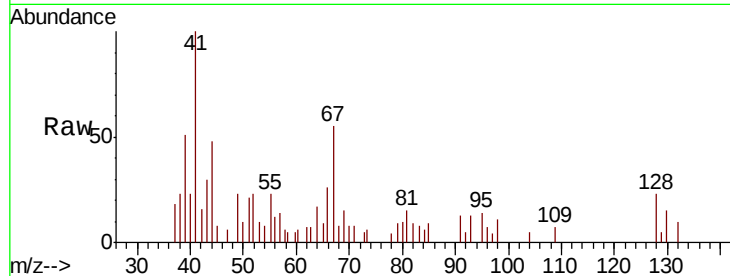
Ion Ratio Lower Upper

41 100

39 63.8 42.2 63.4#

67 79.7 48.9 73.3#

52 40.7 20.1 30.1#

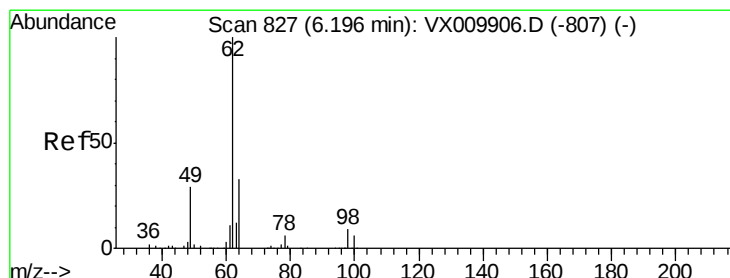
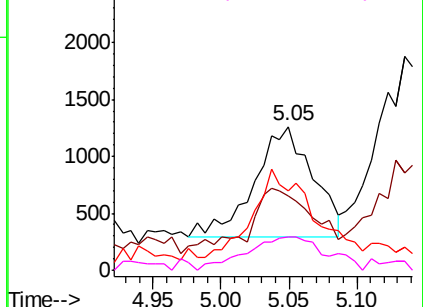
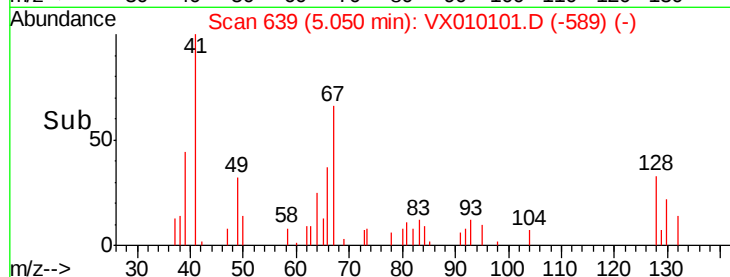


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 1.113 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX010101.D

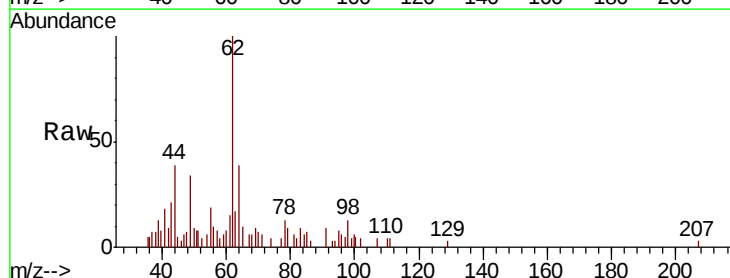
Acq: 07 Jun 2019 11:29

Tgt Ion: 62 Resp: 5074

Ion Ratio Lower Upper

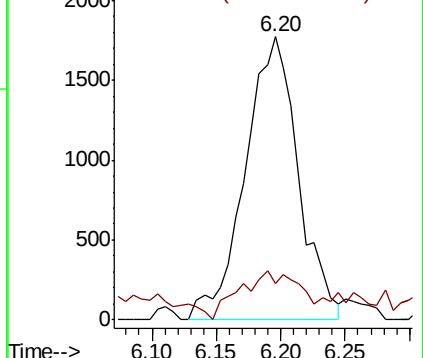
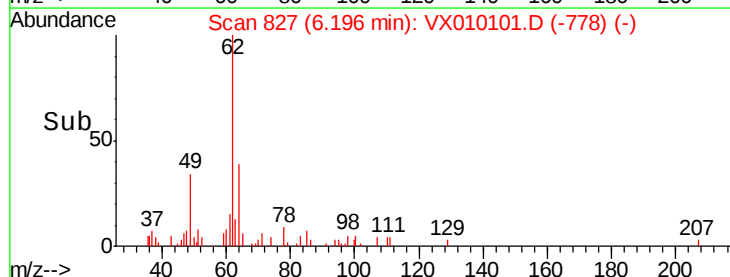
62 100

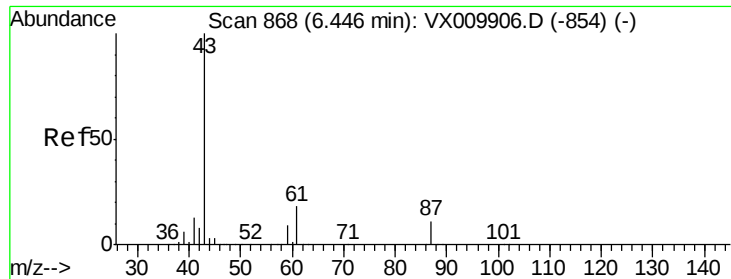
98 19.3 0.0 17.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 1.140 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

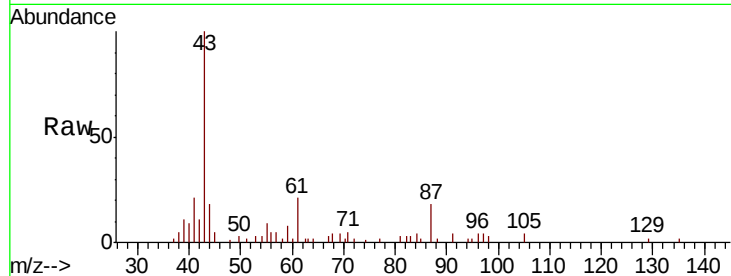
Tgt Ion: 43 Resp: 9120

Ion Ratio Lower Upper

43 100

61 23.5 14.6 21.8#

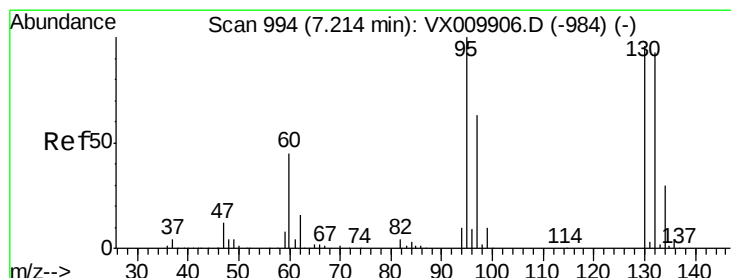
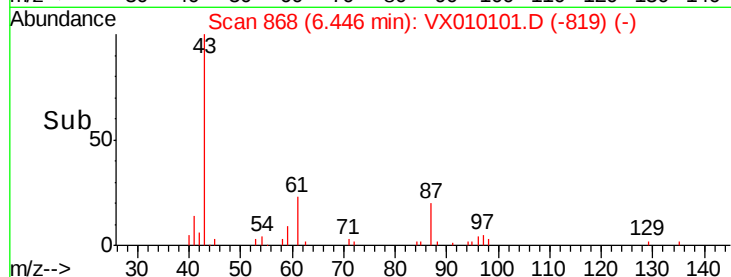
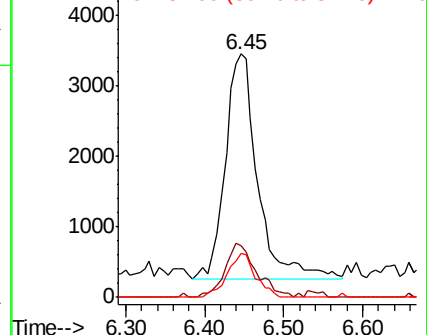
87 17.0 8.7 13.1#



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: 1.226 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010101.D

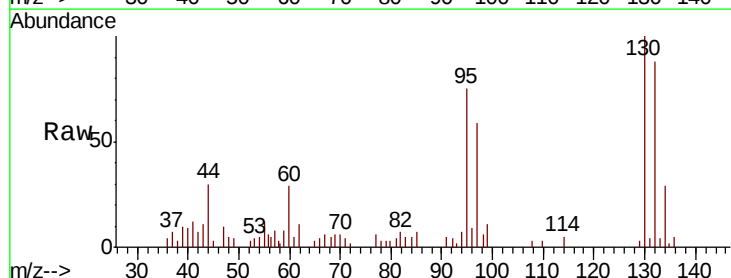
Acq: 07 Jun 2019 11:29

Tgt Ion:130 Resp: 5189

Ion Ratio Lower Upper

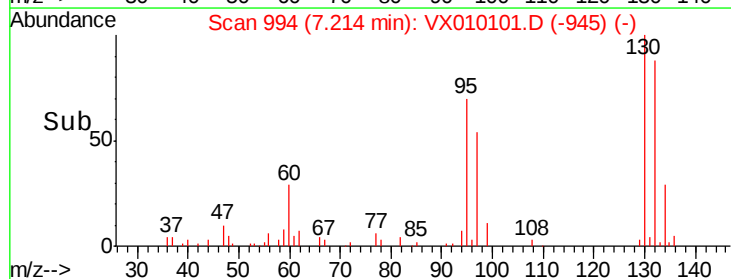
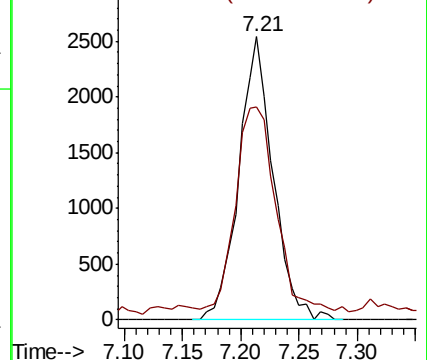
130 100

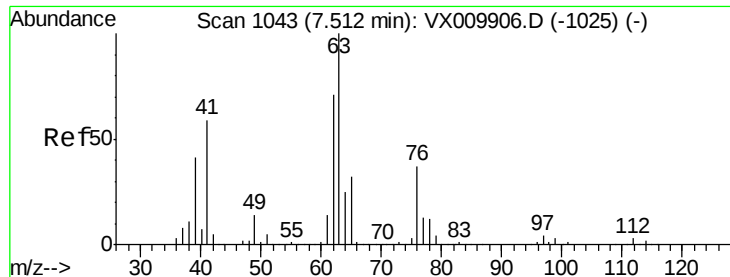
95 71.1 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

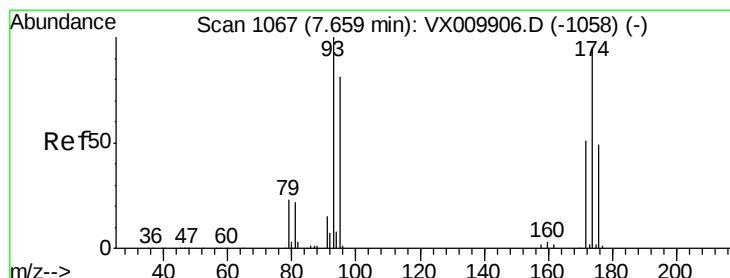
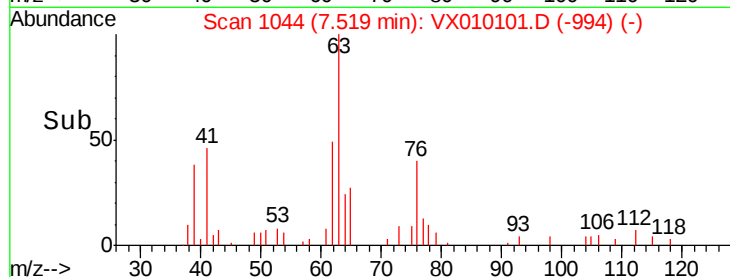
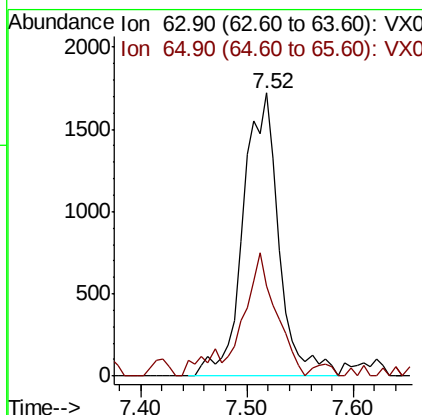
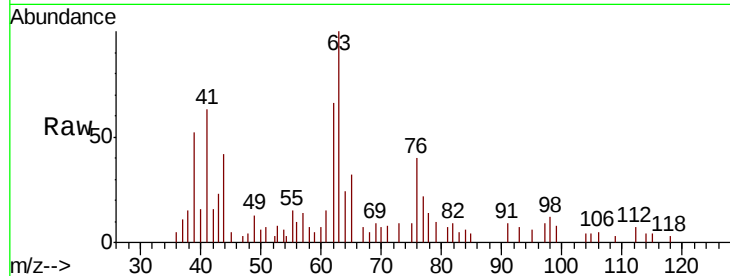




#45
 1,2-Dichloropropane
 Concen: 1.129 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

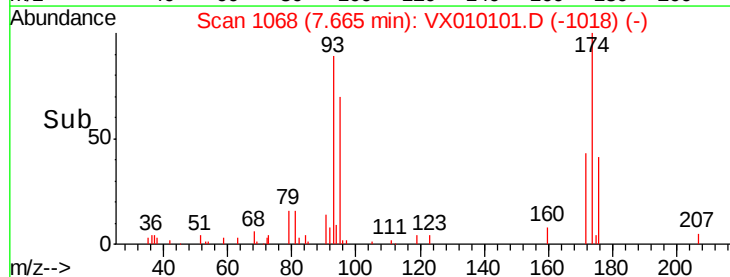
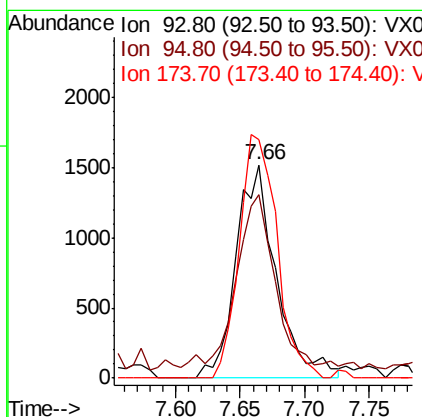
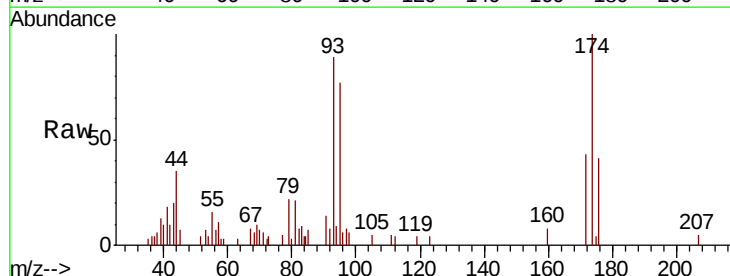
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

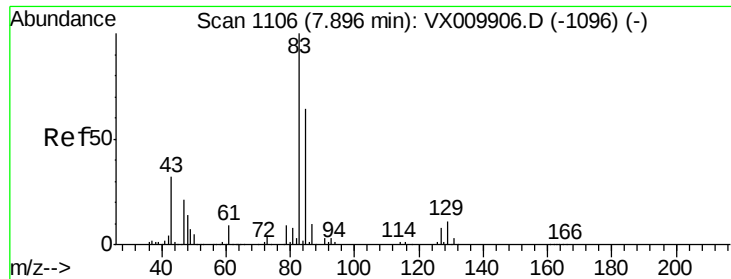
Tgt Ion: 63 Resp: 4051
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.7 38.5



#46
 Dibromomethane
 Concen: 1.274 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Tgt Ion: 93 Resp: 3290
 Ion Ratio Lower Upper
 93 100
 95 77.1 66.8 100.2
 174 106.8 81.9 122.9

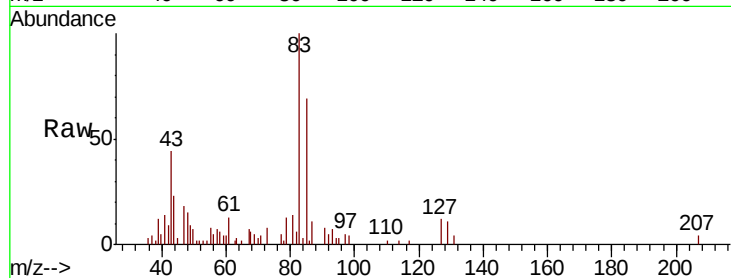




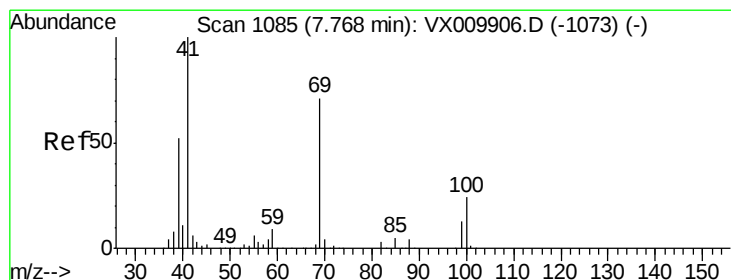
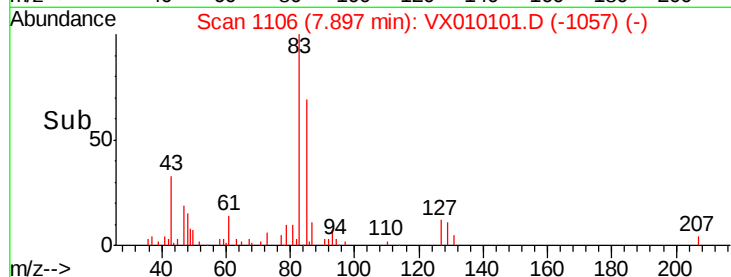
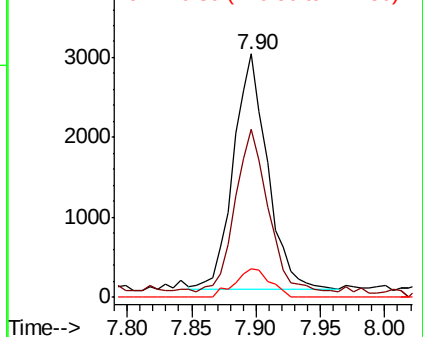
#47
Bromodichloromethane
Concen: 1.073 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 5405
Ion Ratio Lower Upper
83 100
85 69.6 51.4 77.2
127 12.1 6.4 9.6#

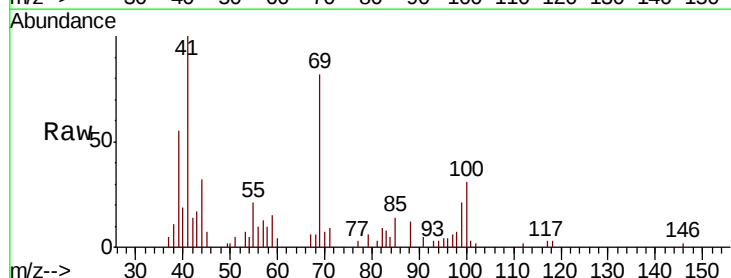


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

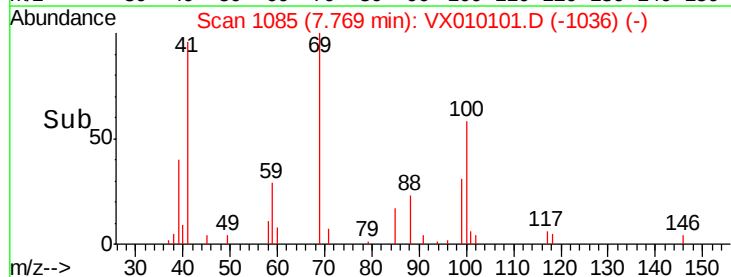
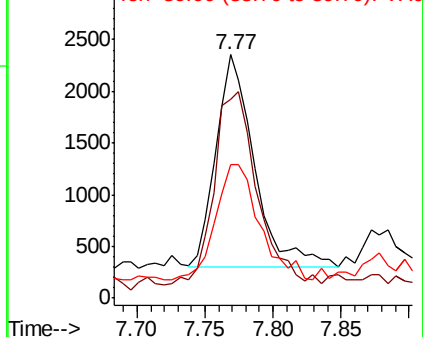


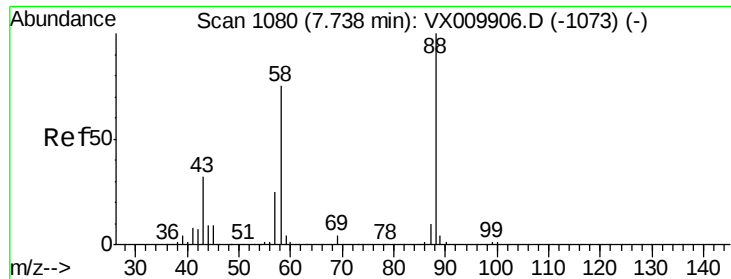
#48
Methyl methacrylate
Concen: 1.035 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion: 41 Resp: 4010
Ion Ratio Lower Upper
41 100
69 102.8 56.4 84.6#
39 62.0 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

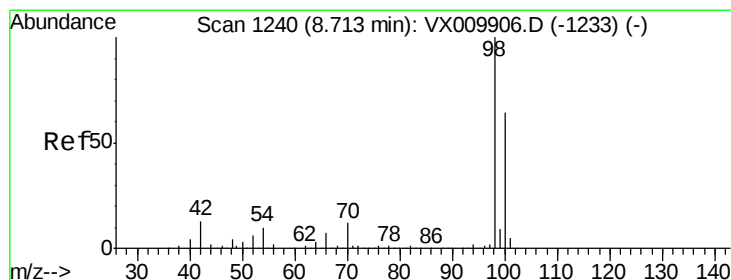
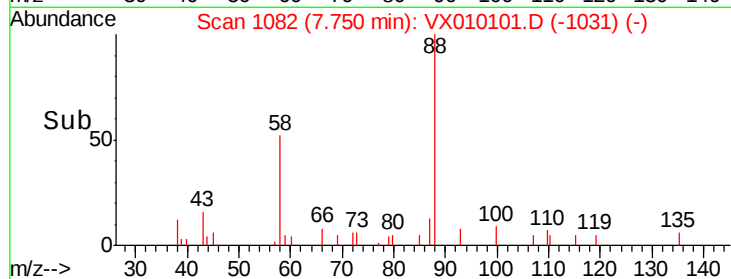
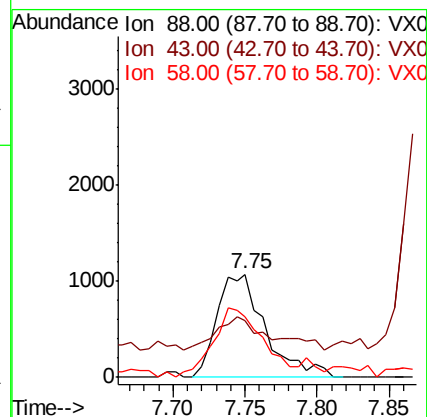
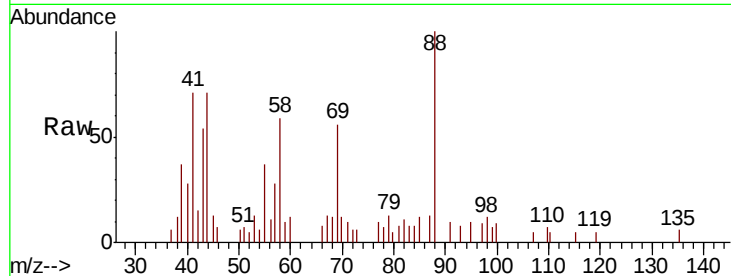




#49
1,4-Dioxane
Concen: 23.576 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

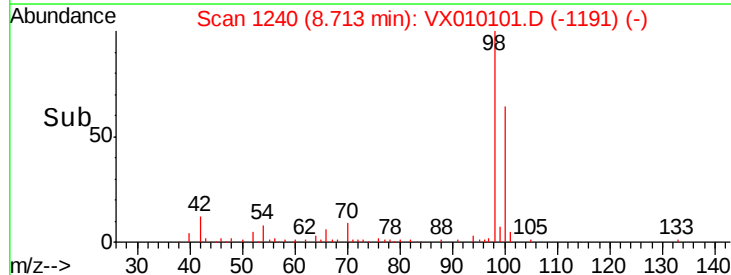
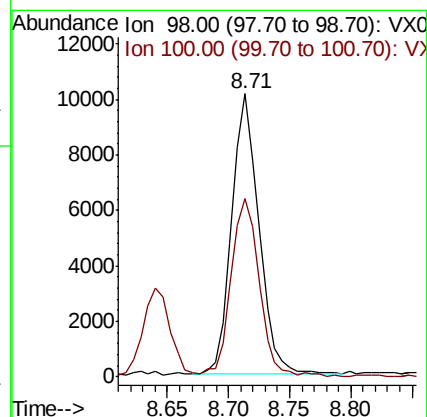
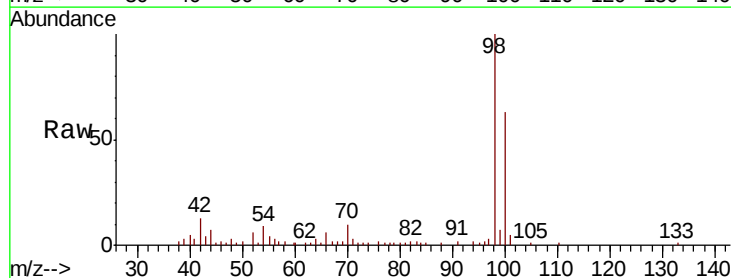
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

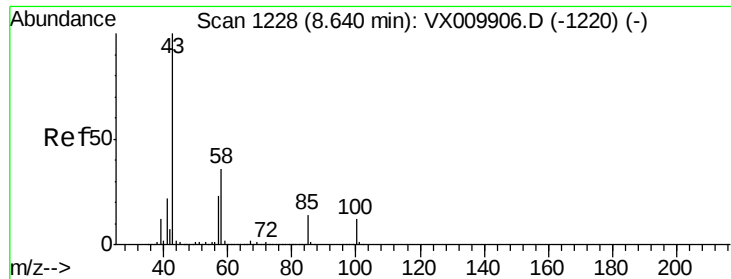
Tgt Ion: 88 Resp: 2513
Ion Ratio Lower Upper
88 100
43 35.3 30.2 45.4
58 69.5 64.0 96.0



#50
Toluene-d8
Concen: 1.161 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion: 98 Resp: 15595
Ion Ratio Lower Upper
98 100
100 66.0 51.5 77.3

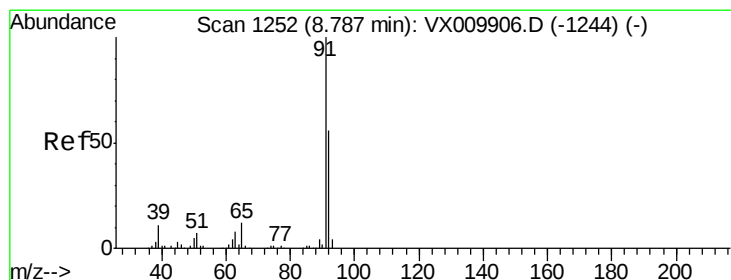
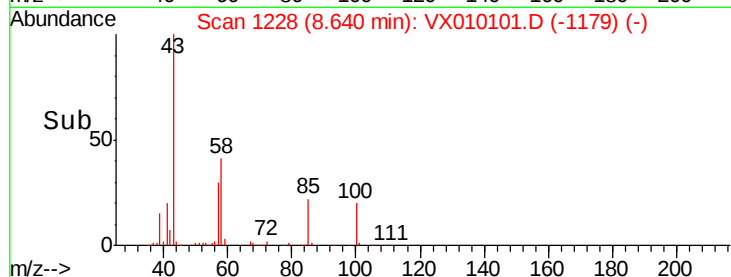
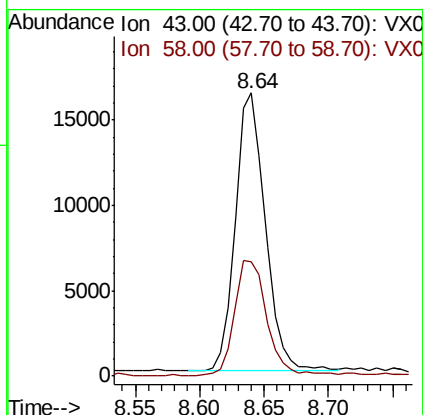
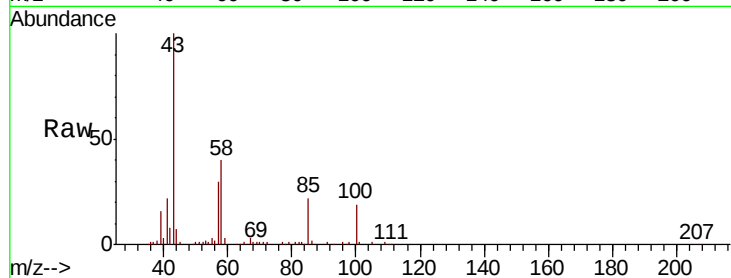




#51
 4-Methyl-2-Pentanone
 Concen: 5.249 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

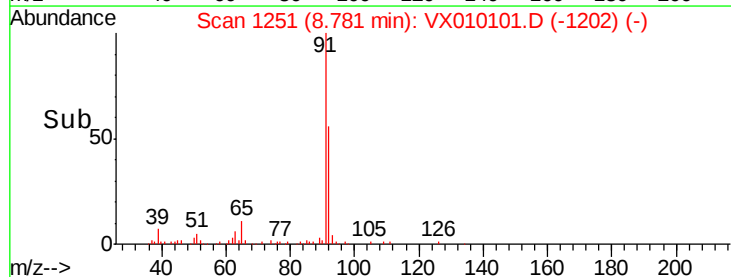
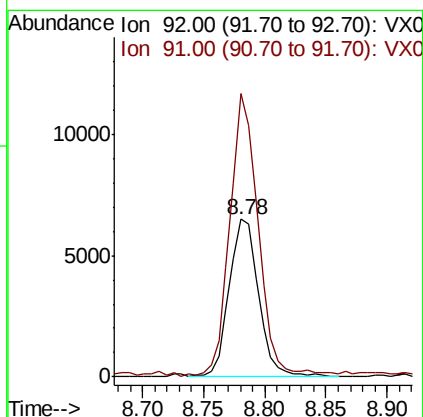
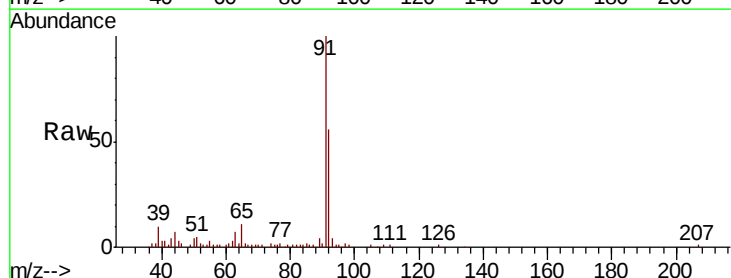
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

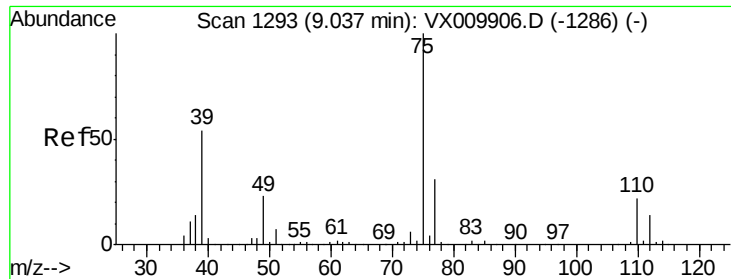
Tgt Ion: 43 Resp: 26224
 Ion Ratio Lower Upper
 43 100
 58 45.7 28.8 43.2#



#52
 Toluene
 Concen: 1.165 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Tgt Ion: 92 Resp: 10838
 Ion Ratio Lower Upper
 92 100
 91 174.9 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 1.097 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

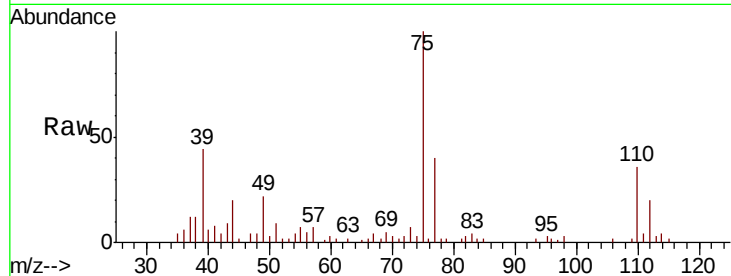
VSTDIC001

Tgt Ion: 75 Resp: 6418

Ion Ratio Lower Upper

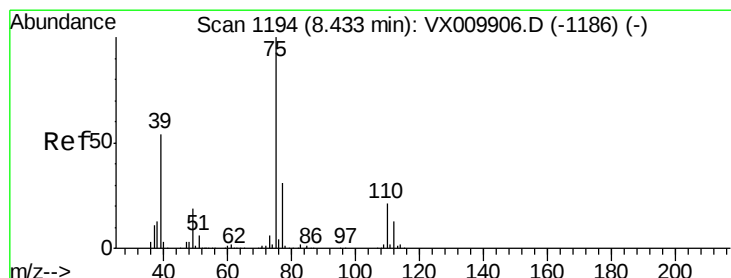
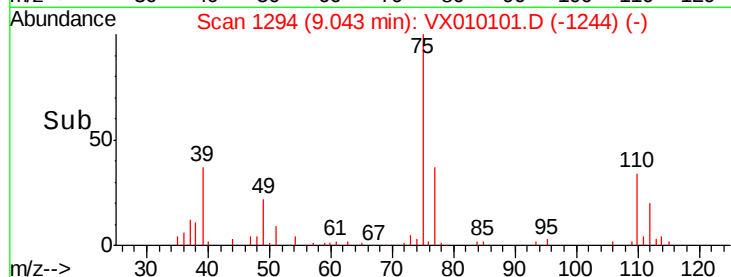
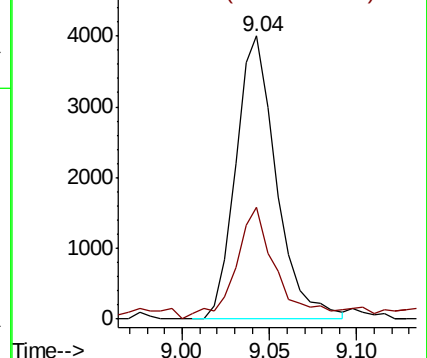
75 100

77 37.4 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 1.139 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

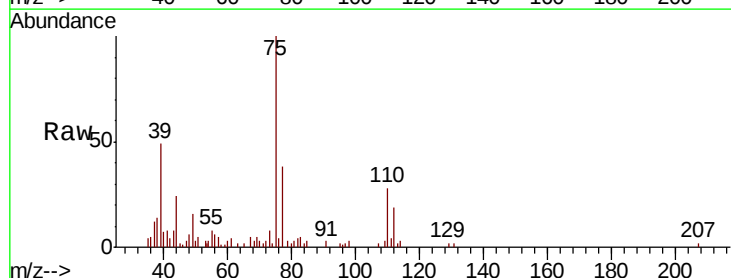
Tgt Ion: 75 Resp: 7069

Ion Ratio Lower Upper

75 100

77 35.8 24.8 37.2

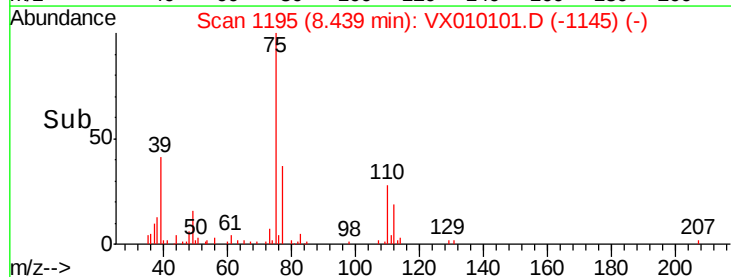
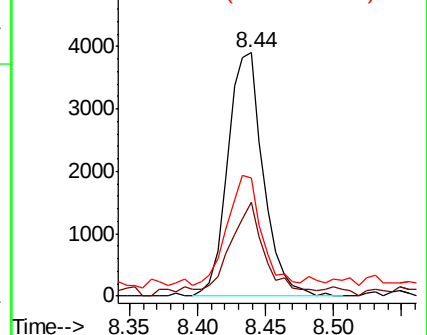
39 44.0 43.4 65.0

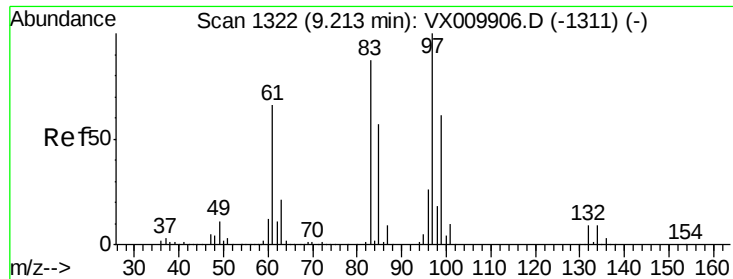


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

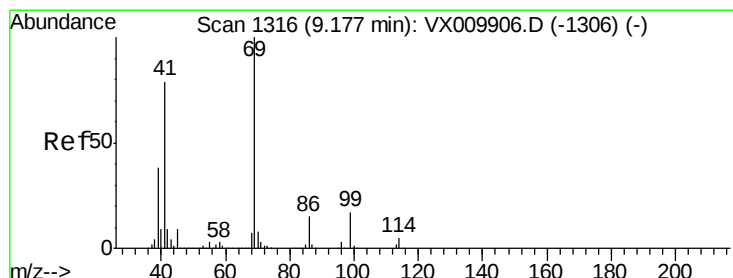
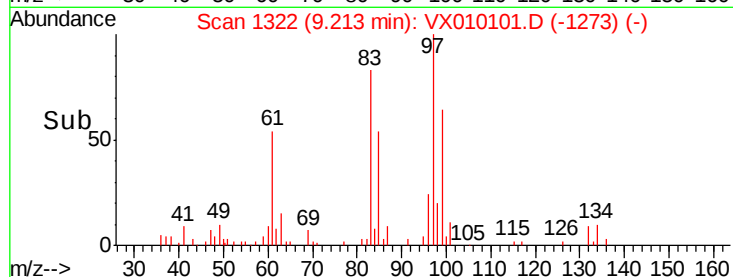
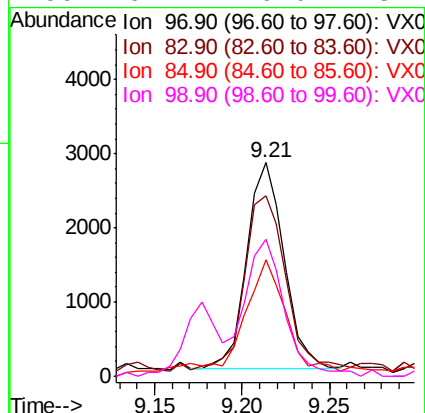
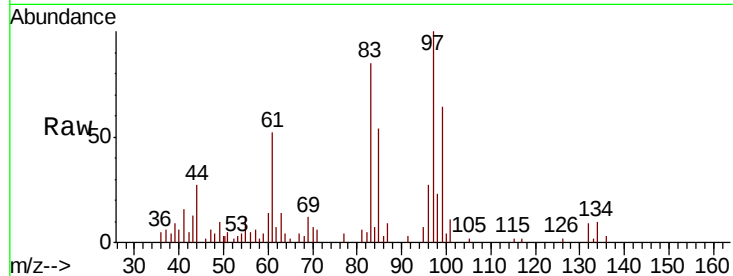




#55
 1,1,2-Trichloroethane
 Concen: 1.061 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

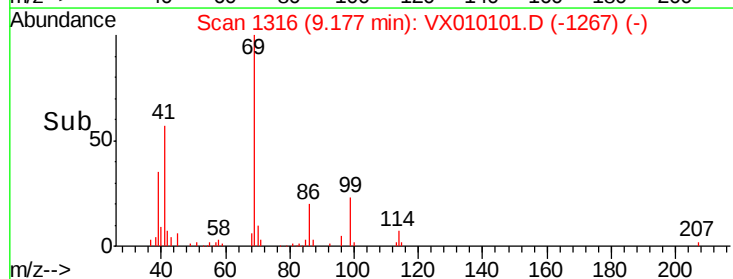
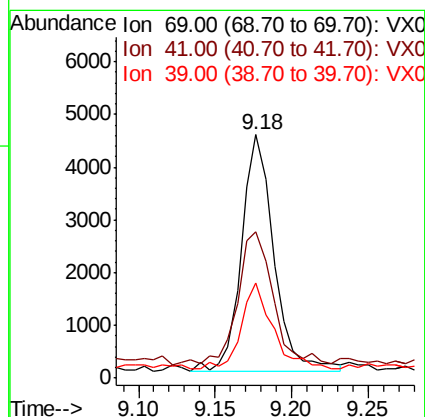
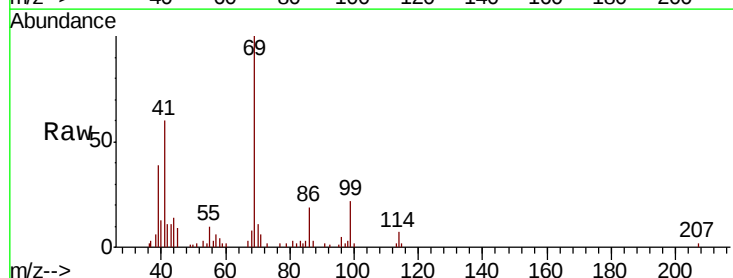
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

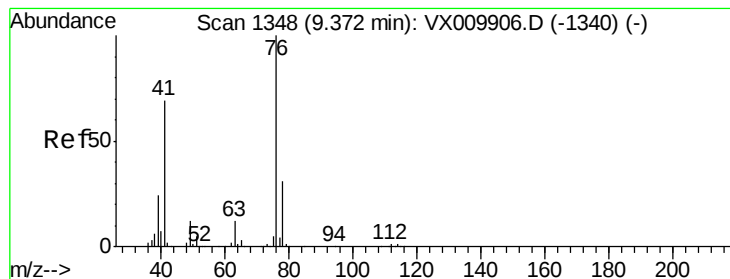
Tgt Ion:	97	Resp:	4130
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.8	104.8
85	53.6	45.3	67.9
99	64.1	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 1.050 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Tgt Ion:	69	Resp:	6550
Ion	Ratio	Lower	Upper
69	100		
41	62.0	62.7	94.1#
39	36.0	29.5	44.3





#57

1,3-Dichloropropane

Concen: 1.164 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

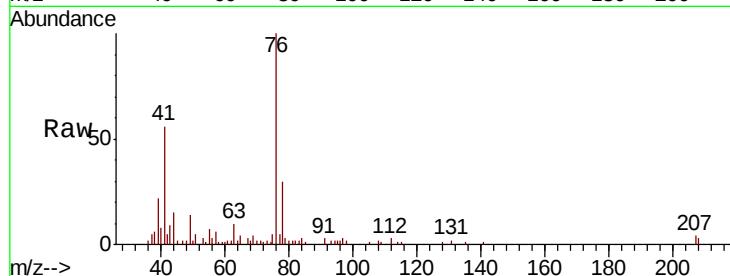
VSTDIC001

Tgt Ion: 76 Resp: 7038

Ion Ratio Lower Upper

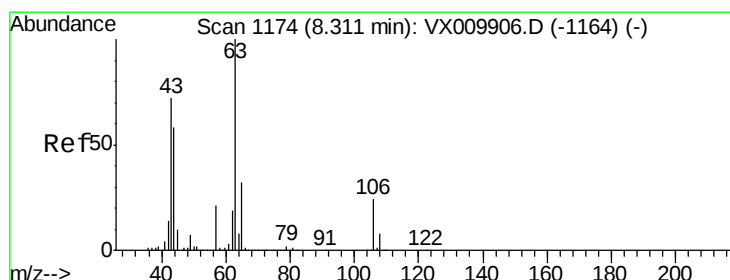
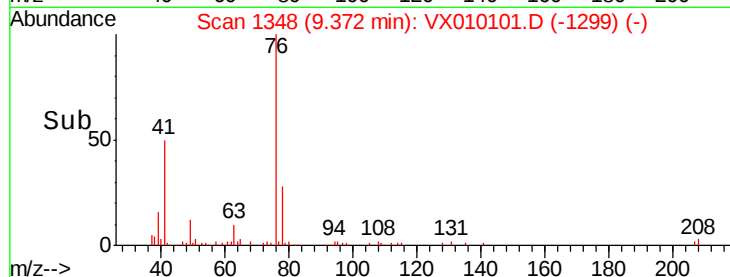
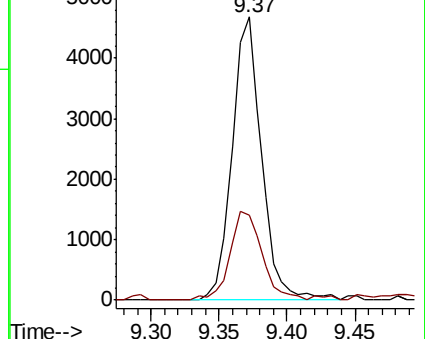
76 100

78 34.3 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 5.410 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010101.D

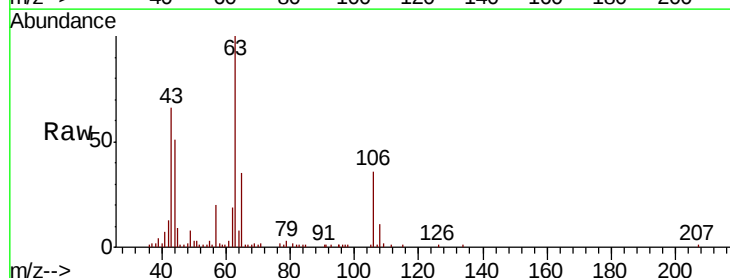
Acq: 07 Jun 2019 11:29

Tgt Ion: 63 Resp: 16103

Ion Ratio Lower Upper

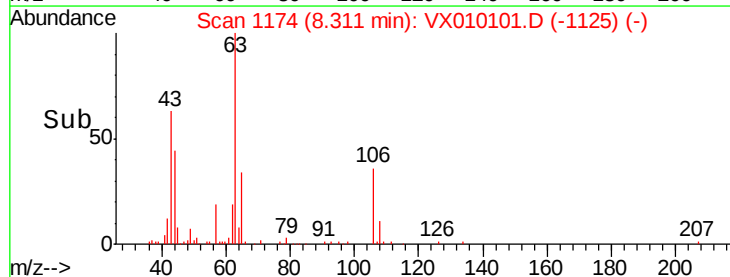
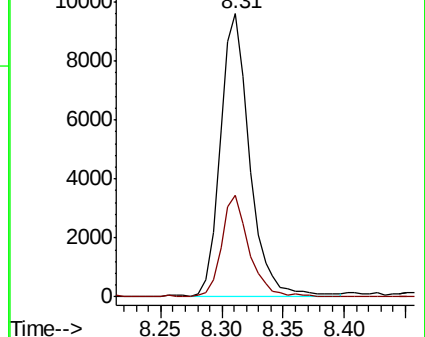
63 100

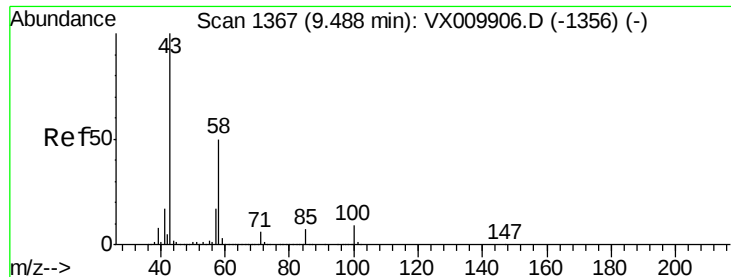
106 33.6 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

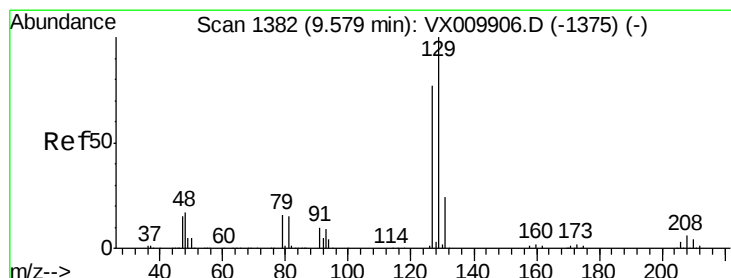
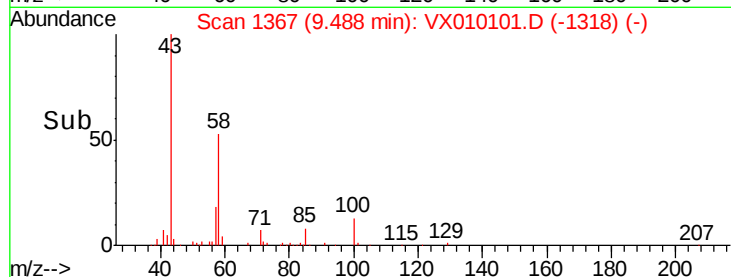
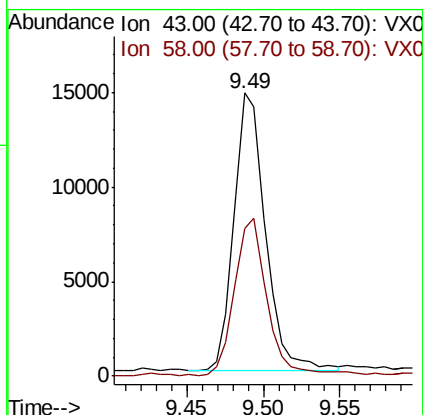
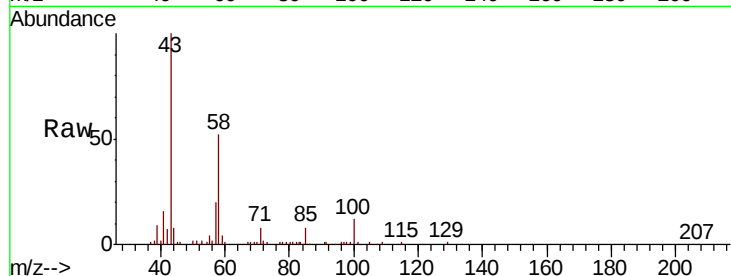




#59
2-Hexanone
Concen: 5.303 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

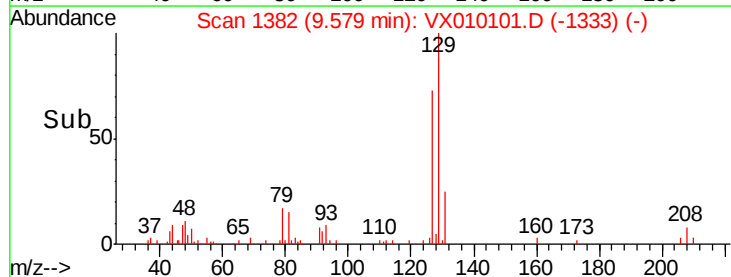
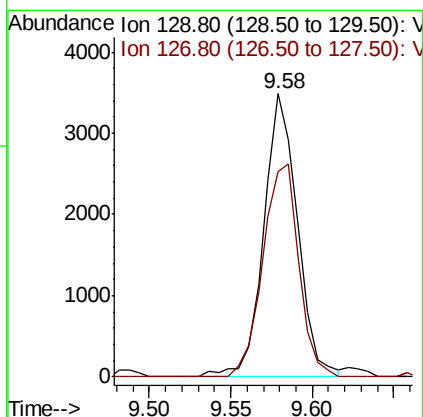
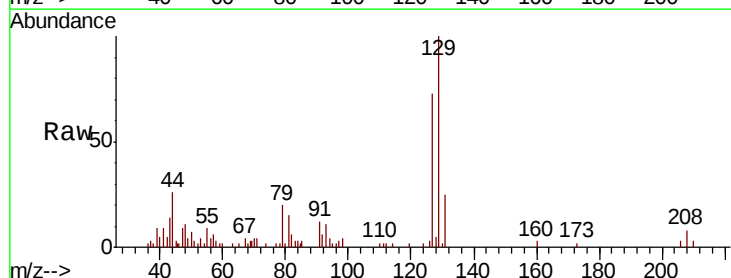
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

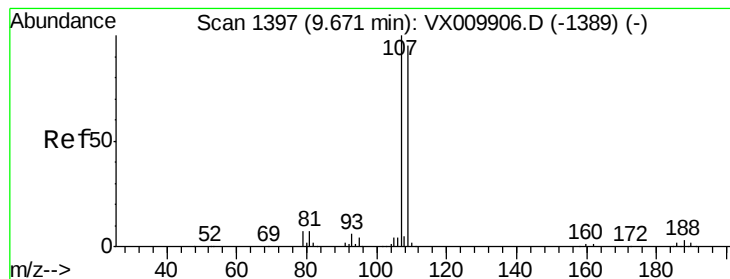
Tgt Ion: 43 Resp: 20961
Ion Ratio Lower Upper
43 100
58 58.7 25.1 75.3



#60
Dibromochloromethane
Concen: 1.086 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion: 129 Resp: 4999
Ion Ratio Lower Upper
129 100
127 79.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 1.163 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

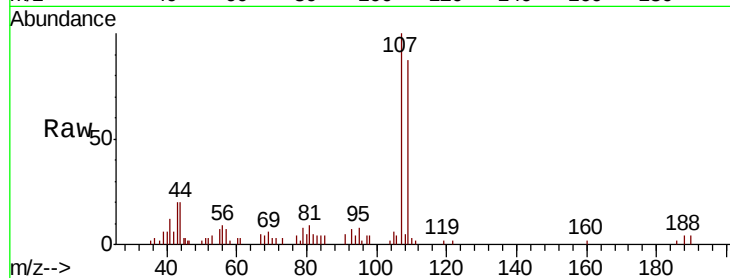
VSTDIC001

Tgt Ion:107 Resp: 4968

Ion Ratio Lower Upper

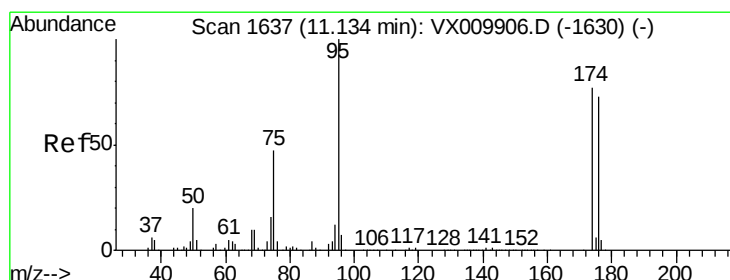
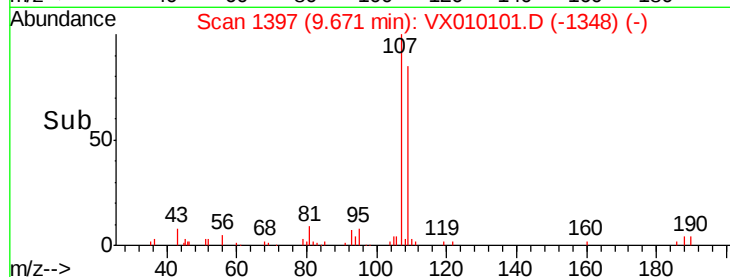
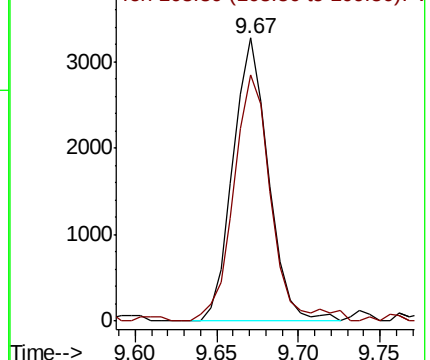
107 100

109 88.9 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: 1.208 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

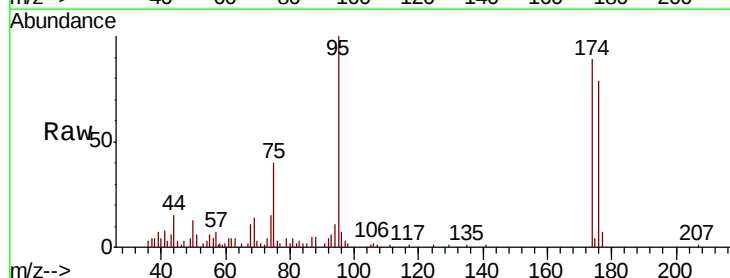
Tgt Ion: 95 Resp: 6071

Ion Ratio Lower Upper

95 100

174 87.1 0.0 160.4

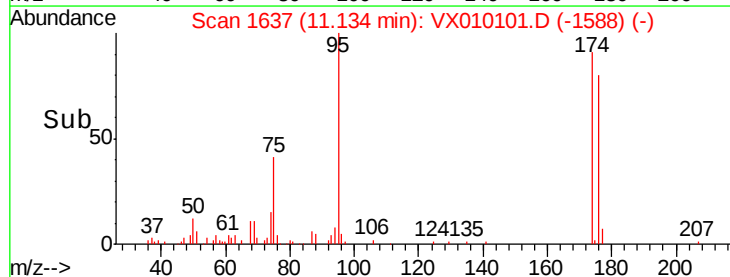
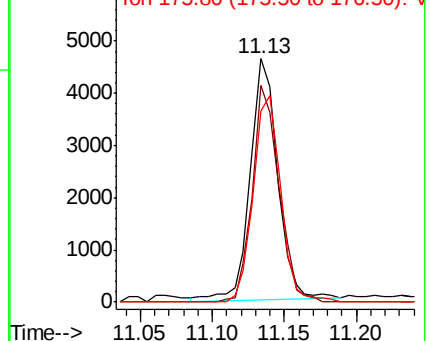
176 85.7 0.0 154.6

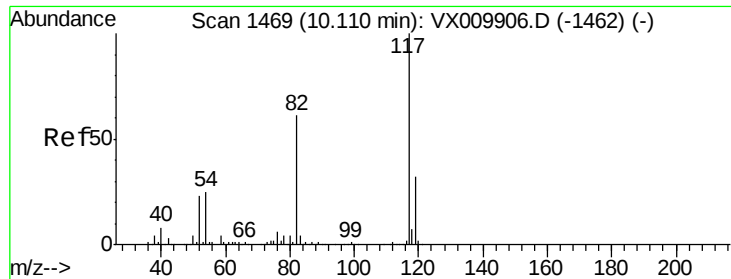


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

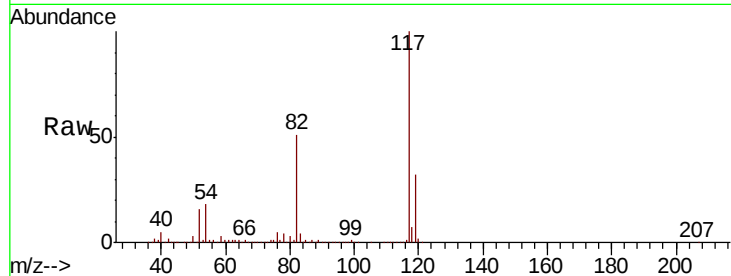




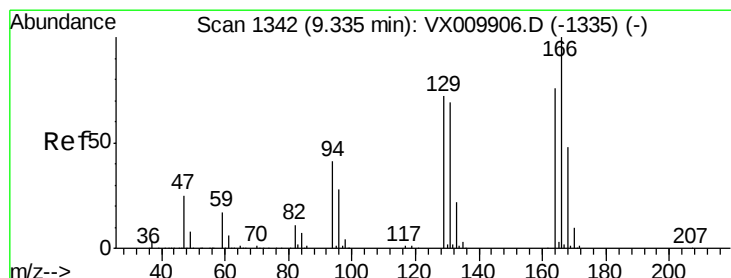
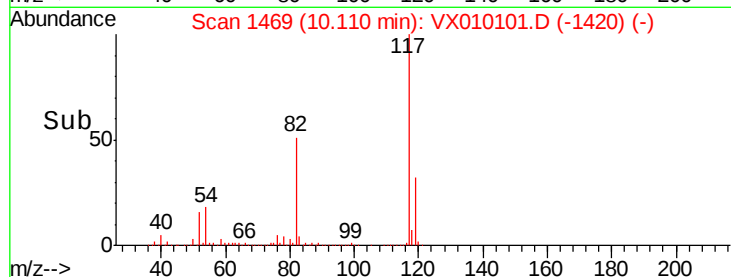
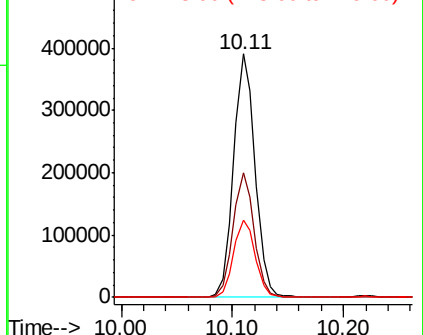
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion:117 Resp: 520780
Ion Ratio Lower Upper
117 100
82 51.2 49.2 73.8
119 31.9 25.2 37.8

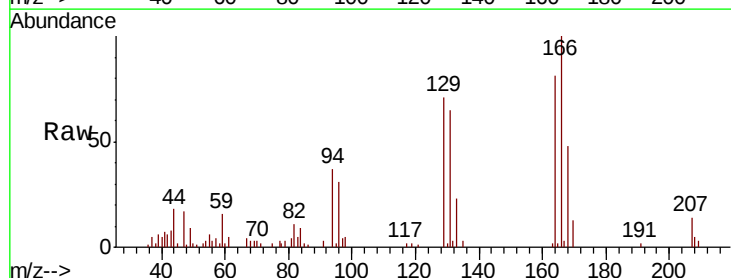


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

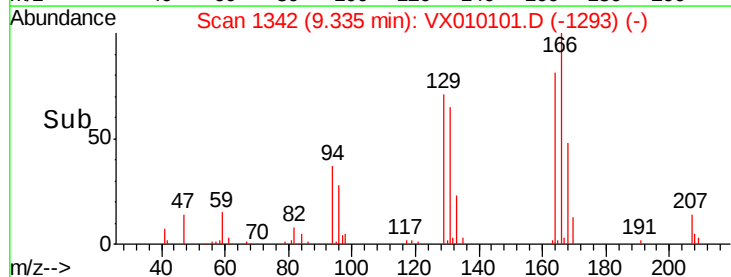
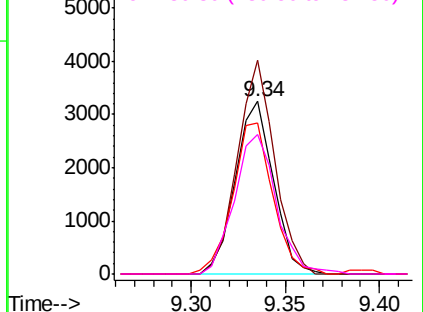


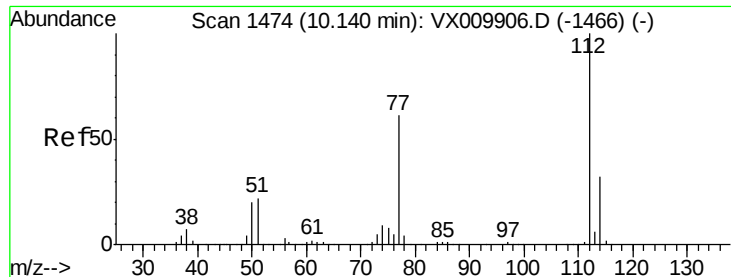
#64
Tetrachloroethene
Concen: 1.255 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion:164 Resp: 4546
Ion Ratio Lower Upper
164 100
166 123.8 105.0 157.4
129 87.6 75.1 112.7
131 81.0 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

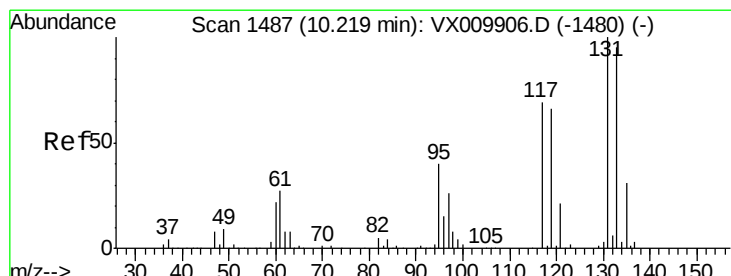
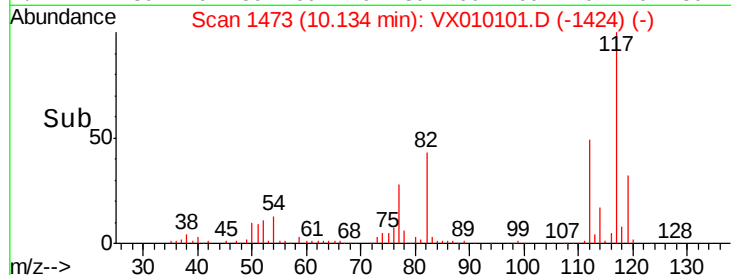
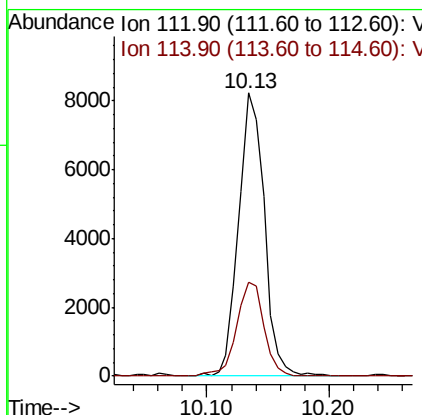
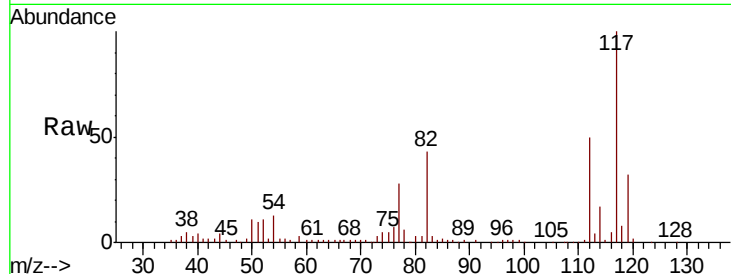




#65
Chlorobenzene
Concen: 1.155 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

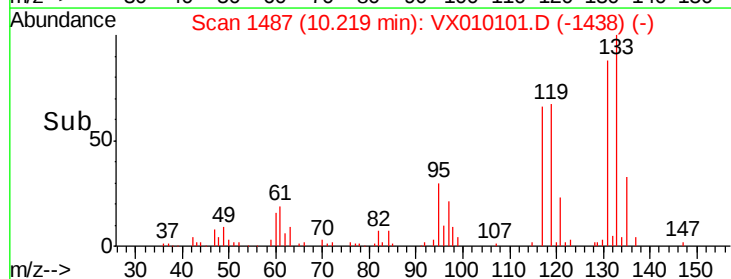
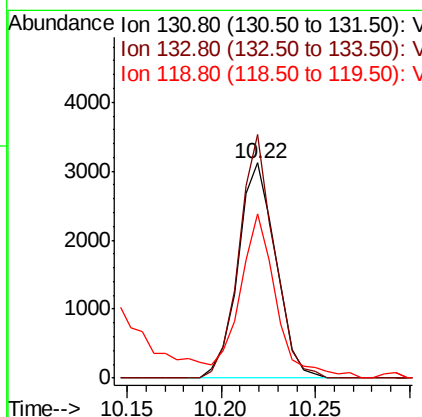
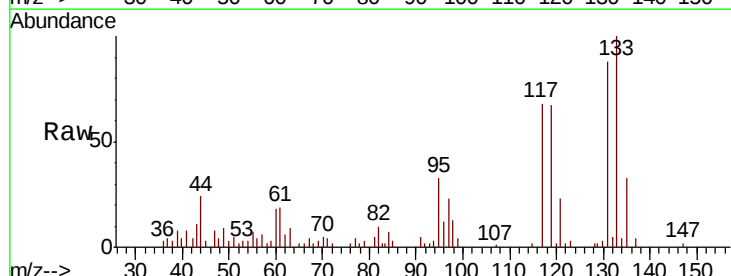
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

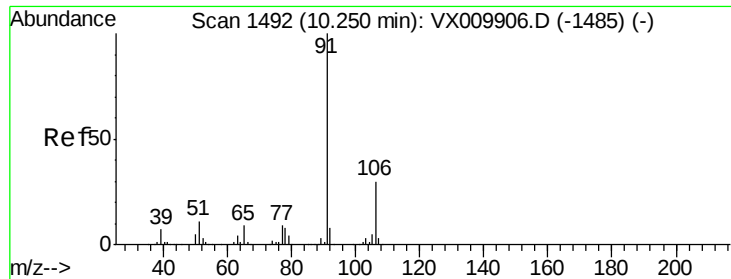
Tgt Ion:112 Resp: 11980
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 1.084 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion:131 Resp: 4335
Ion Ratio Lower Upper
131 100
133 104.8 47.5 142.6
119 0.0 33.4 100.1#

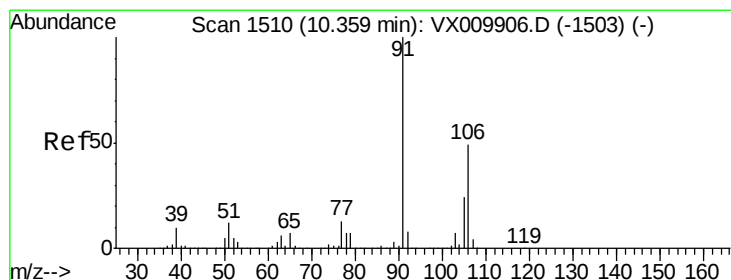
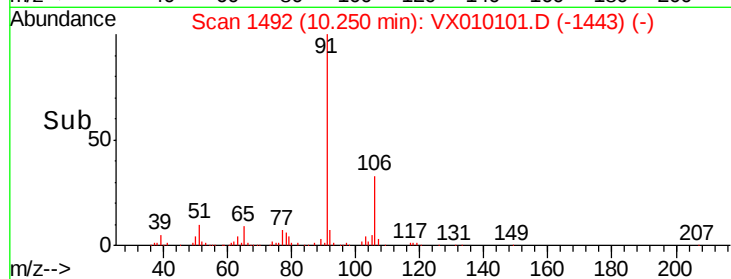
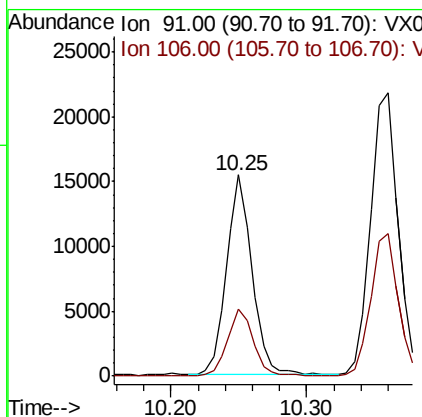
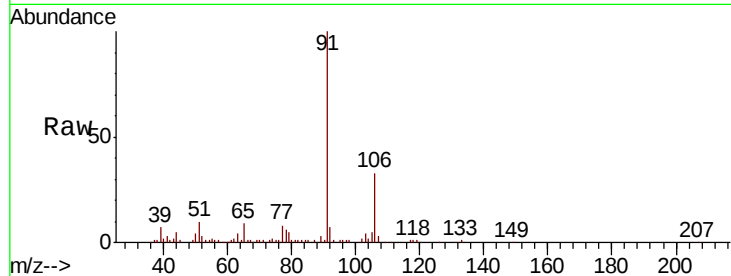




#67
Ethyl Benzene
Concen: 1.132 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

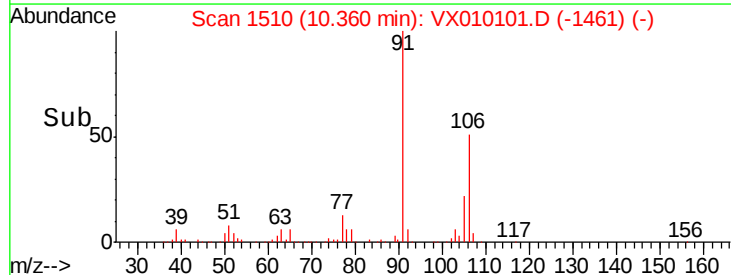
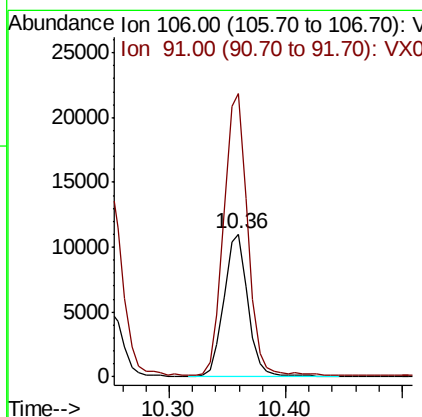
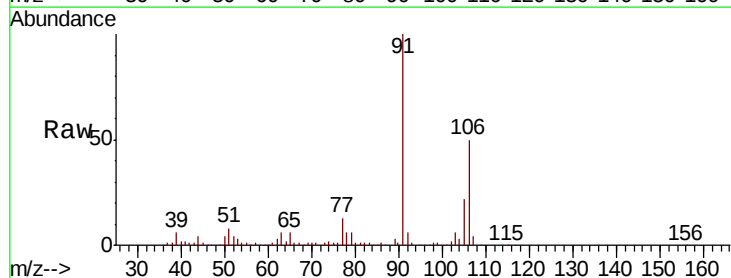
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

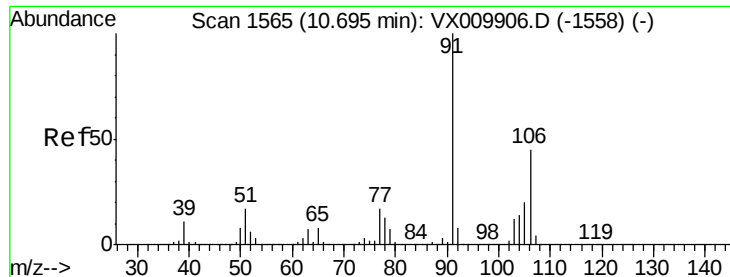
Tgt Ion: 91 Resp: 20017
Ion Ratio Lower Upper
91 100
106 33.3 23.9 35.9



#68
m/p-Xylenes
Concen: 2.306 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion: 106 Resp: 15787
Ion Ratio Lower Upper
106 100
91 194.9 167.3 250.9

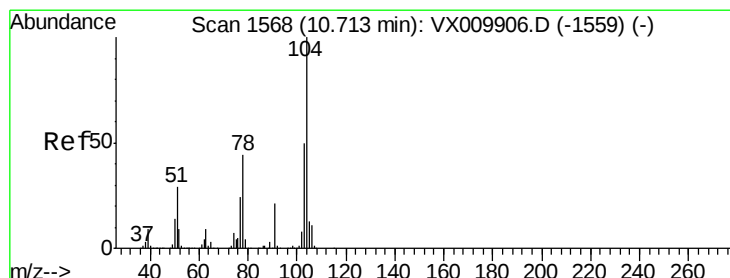
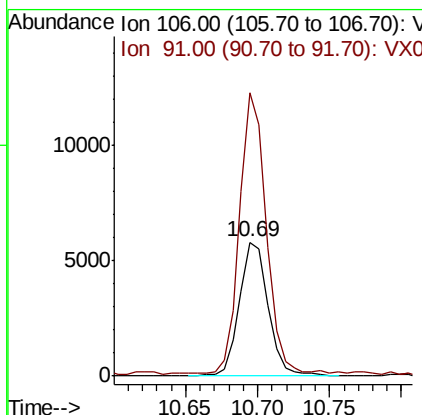
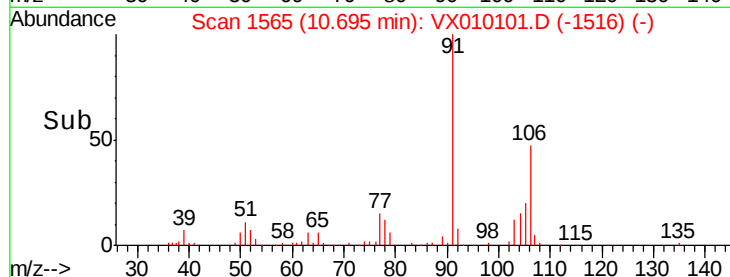
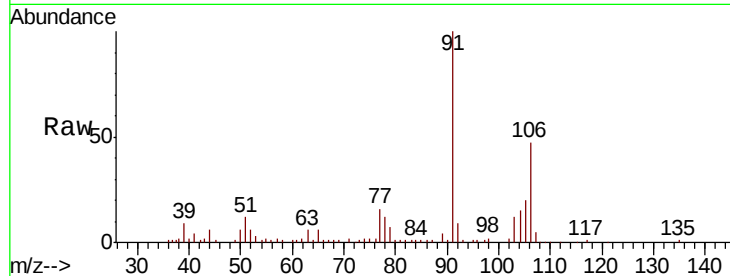




#69
o-Xylene
Concen: 1.200 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

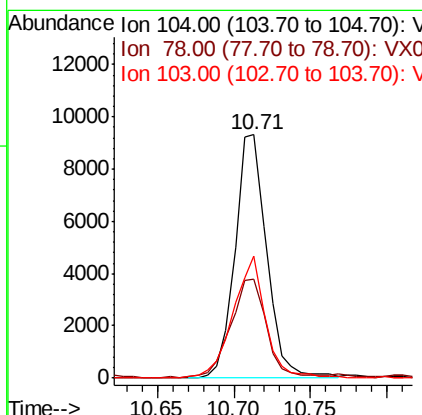
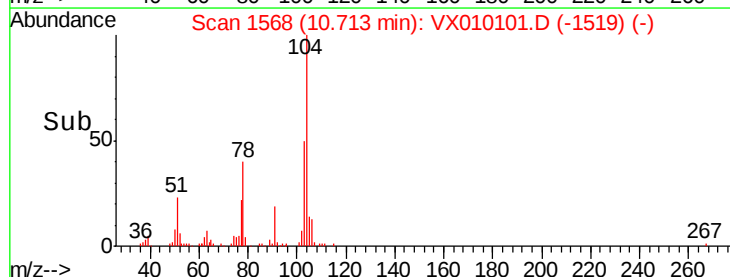
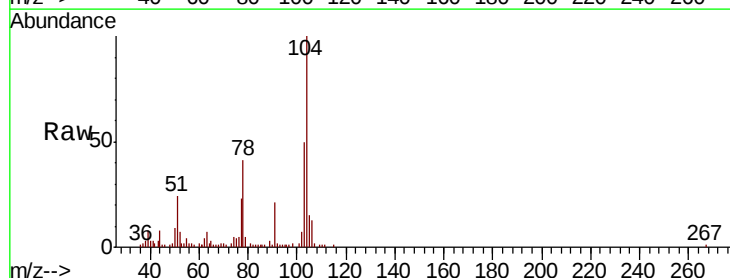
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

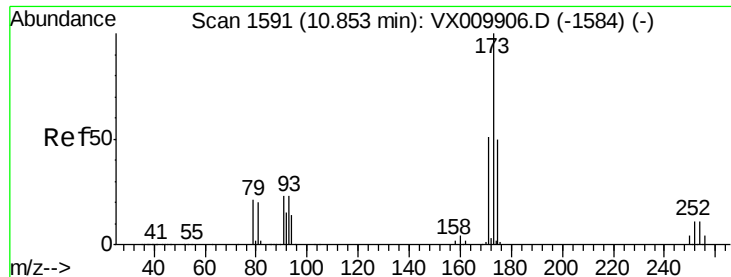
Tgt Ion:106 Resp: 8080
Ion Ratio Lower Upper
106 100
91 193.8 110.4 331.2



#70
Styrene
Concen: 1.145 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion:104 Resp: 13399
Ion Ratio Lower Upper
104 100
78 47.9 42.1 63.1
103 51.2 44.1 66.1





#71

Bromoform

Concen: 1.083 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

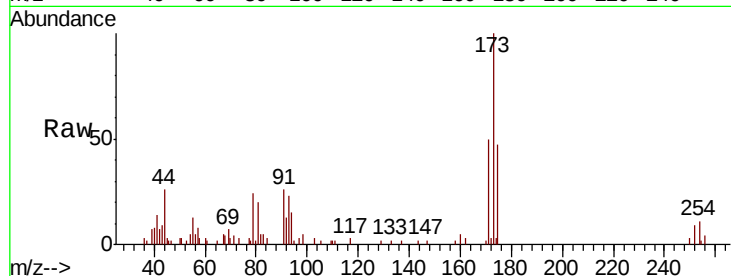
Tgt Ion:173 Resp: 4018

Ion Ratio Lower Upper

173 100

175 50.6 25.0 75.0

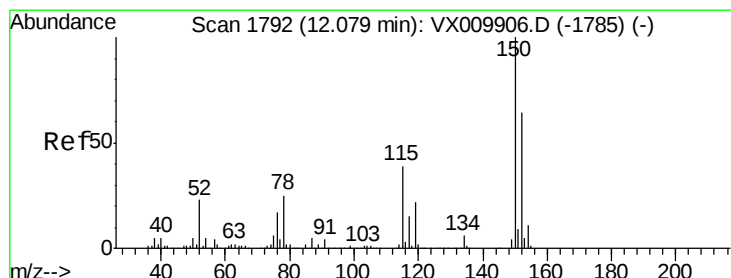
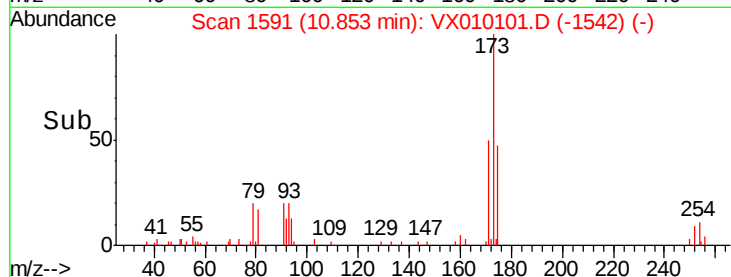
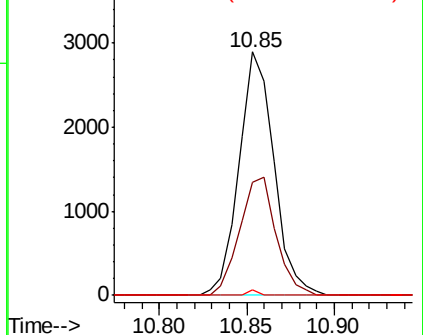
254 0.5 0.2 0.2#



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: VX010101.D

Acq: 07 Jun 2019 11:29

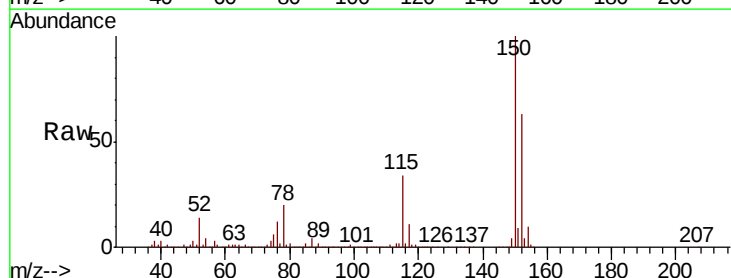
Tgt Ion:152 Resp: 259295

Ion Ratio Lower Upper

152 100

115 55.5 41.4 124.2

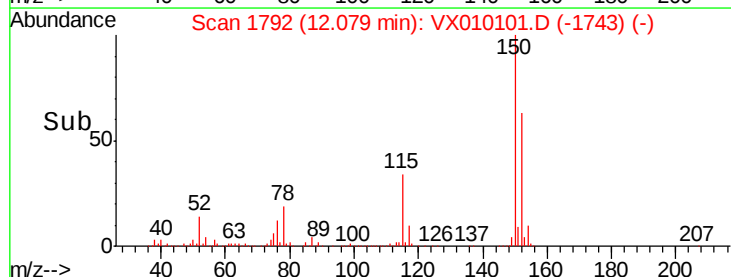
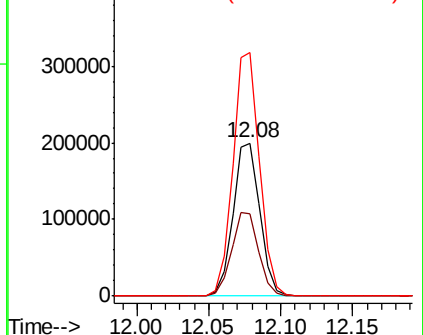
150 158.6 0.0 345.2

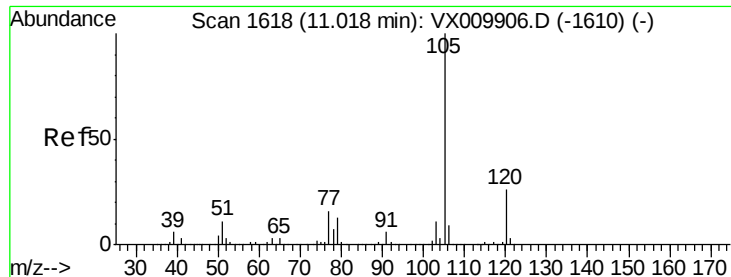


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.108 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

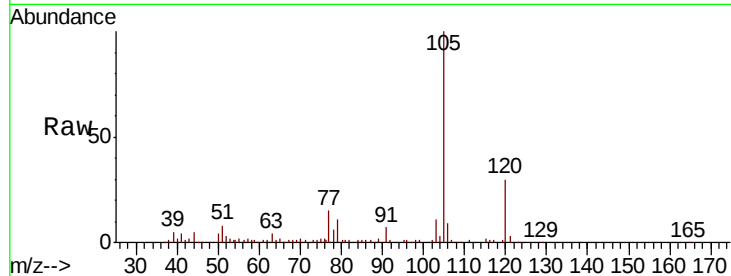
VSTDIC001

Tgt Ion: 105 Resp: 19446

Ion Ratio Lower Upper

105 100

120 29.0 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

15000

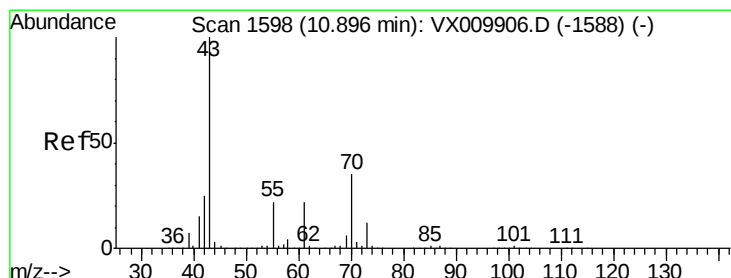
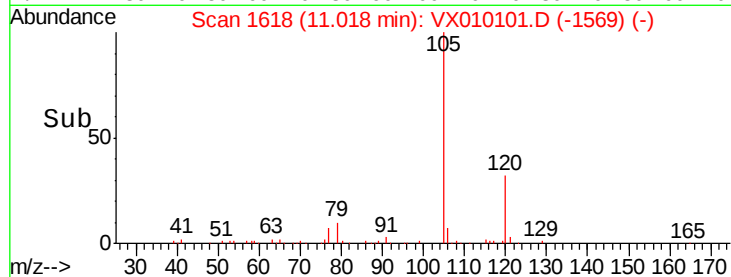
10000

5000

0

Time-->

10.95 11.00 11.05 11.10



#74

N-ethyl acetate

Concen: 1.072 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Tgt Ion: 43 Resp: 7507

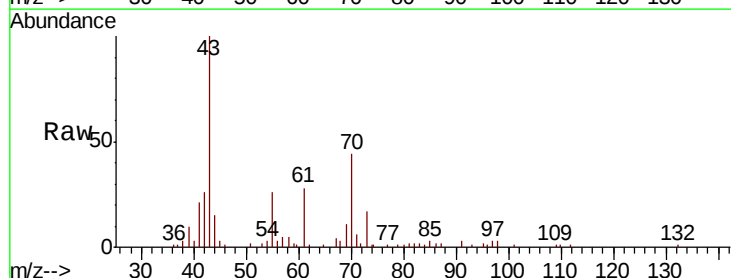
Ion Ratio Lower Upper

43 100

70 50.4 28.6 43.0#

55 26.2 17.8 26.8

61 30.1 17.7 26.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10000

8000

6000

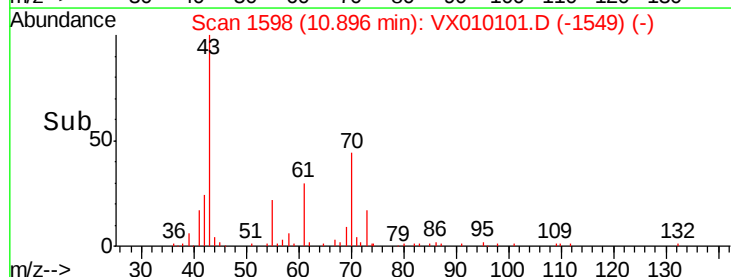
4000

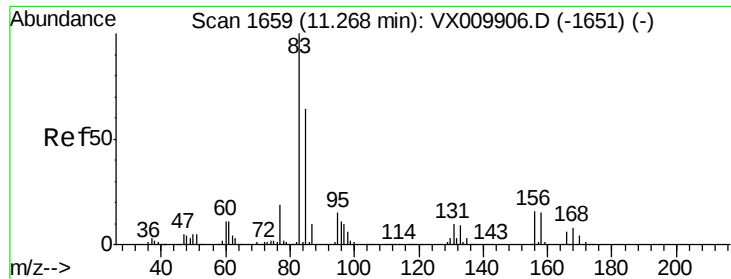
2000

0

Time-->

10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 1.183 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

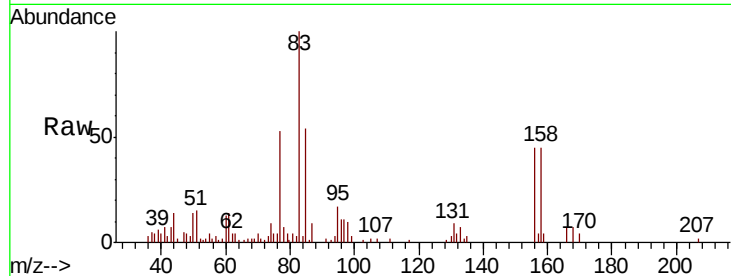
Tgt Ion: 83 Resp: 7024

Ion Ratio Lower Upper

83 100

131 12.0 4.7 14.1

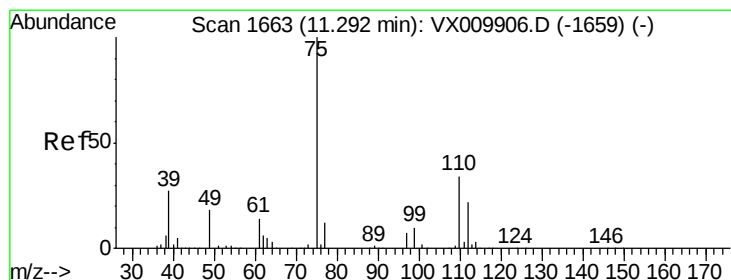
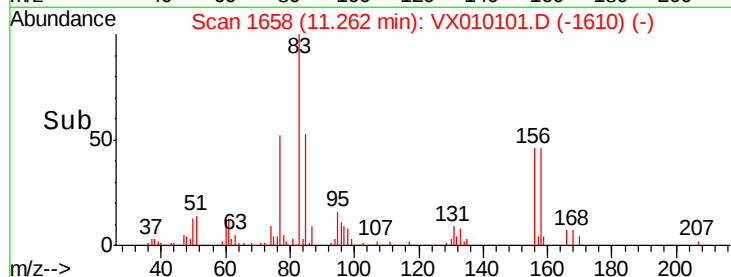
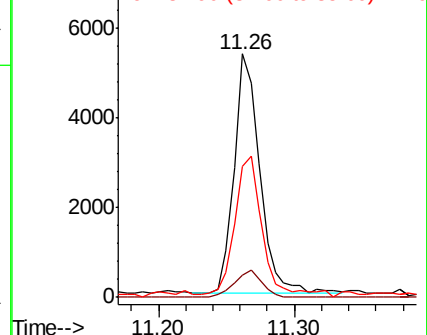
85 64.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.479 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010101.D

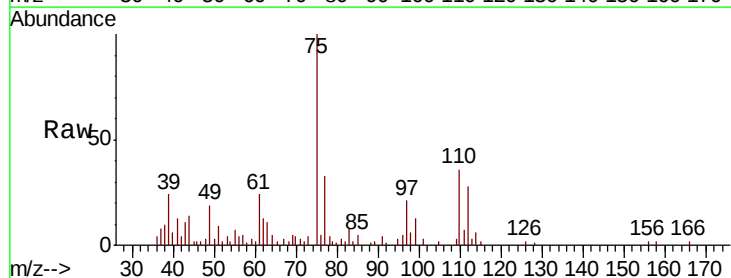
Acq: 07 Jun 2019 11:29

Tgt Ion: 75 Resp: 7335

Ion Ratio Lower Upper

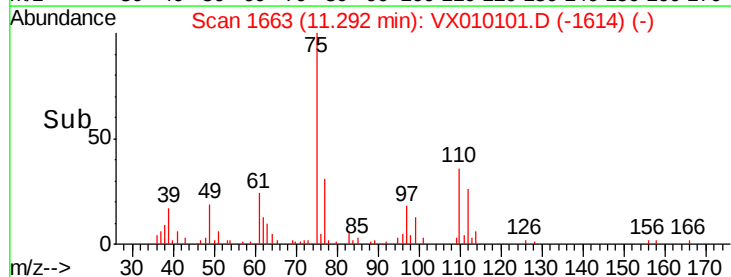
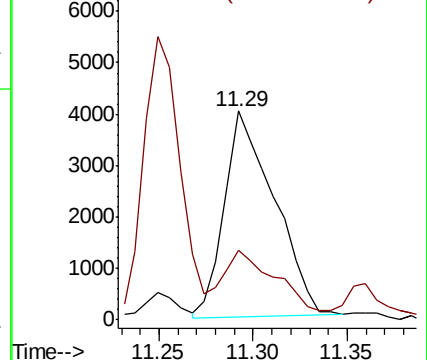
75 100

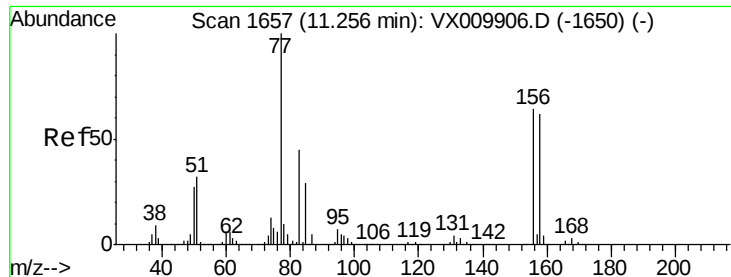
77 35.3 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.169 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

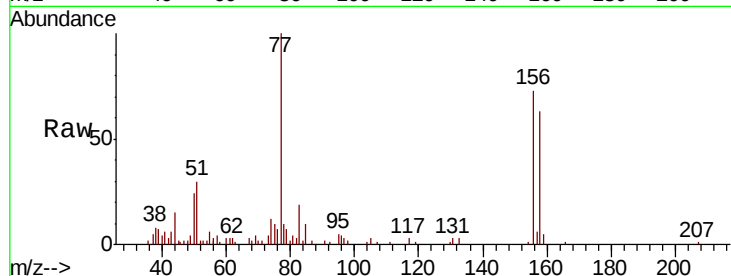
Tgt Ion:156 Resp: 5608

Ion Ratio Lower Upper

156 100

77 132.4 86.8 260.3

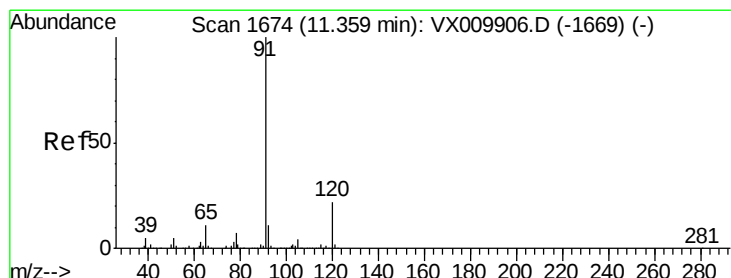
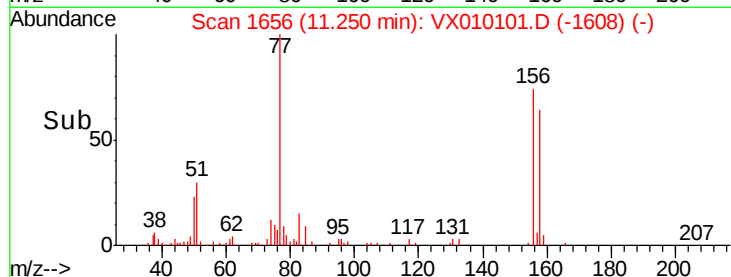
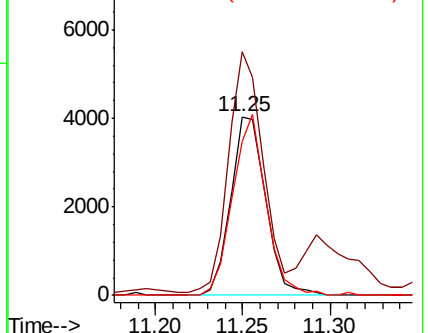
158 96.5 49.6 148.8



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: 1.085 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010101.D

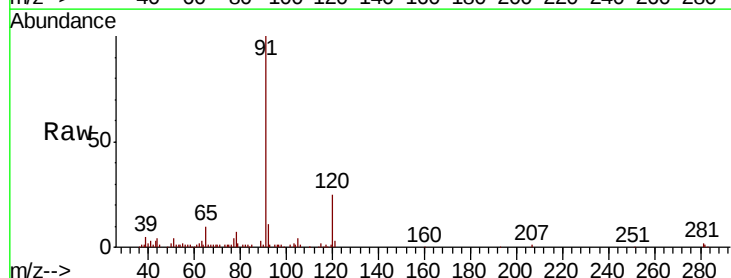
Acq: 07 Jun 2019 11:29

Tgt Ion: 91 Resp: 21384

Ion Ratio Lower Upper

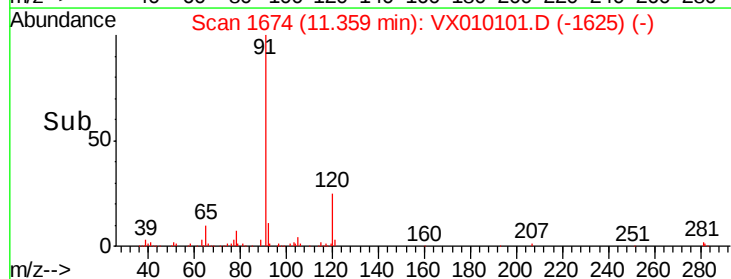
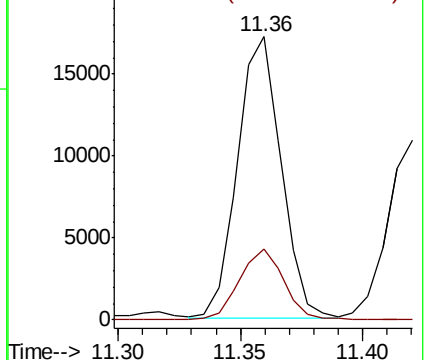
91 100

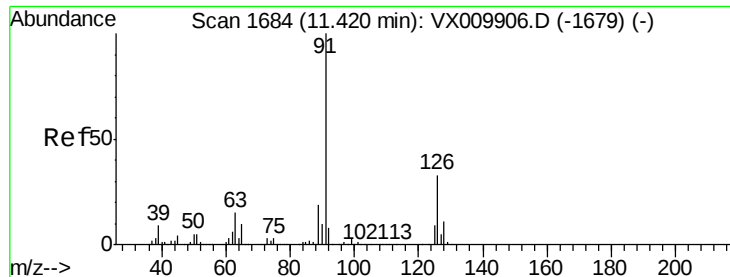
120 25.6 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

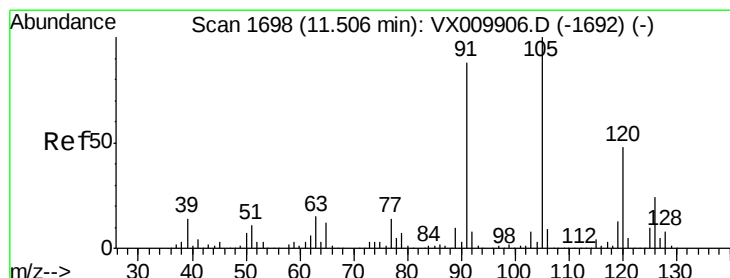
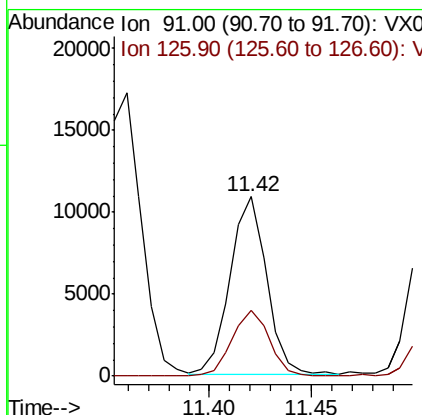
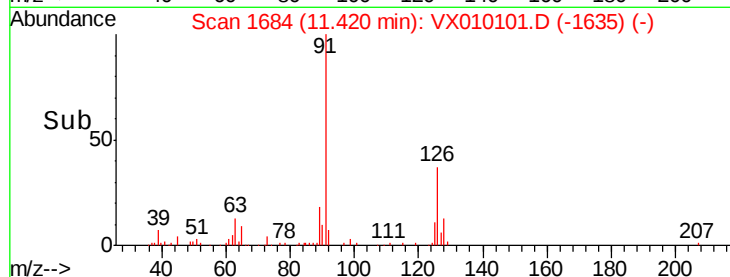
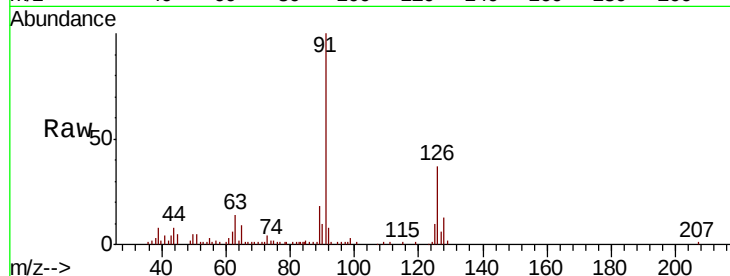




#79
 2-Chlorotoluene
 Concen: 1.149 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

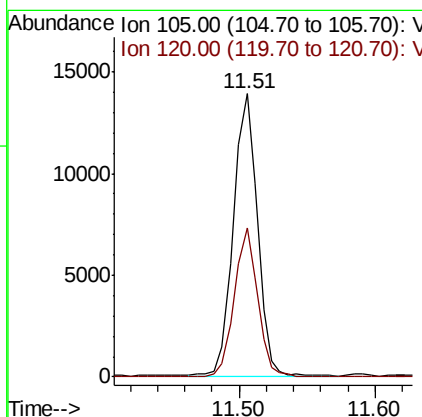
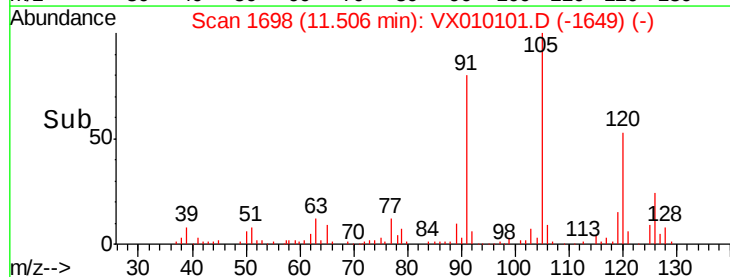
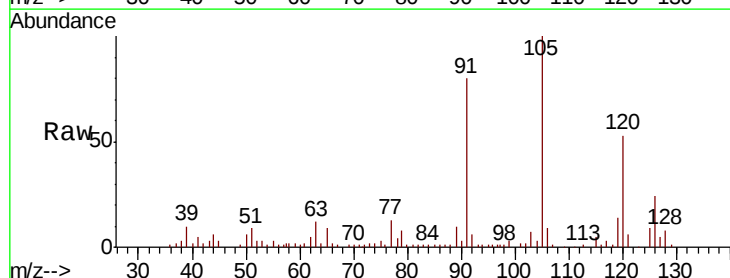
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

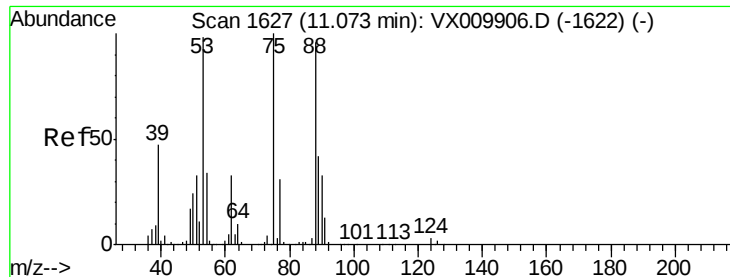
Tgt Ion: 91 Resp: 13462
 Ion Ratio Lower Upper
 91 100
 126 38.2 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 1.182 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Tgt Ion: 105 Resp: 17347
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 1.082 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

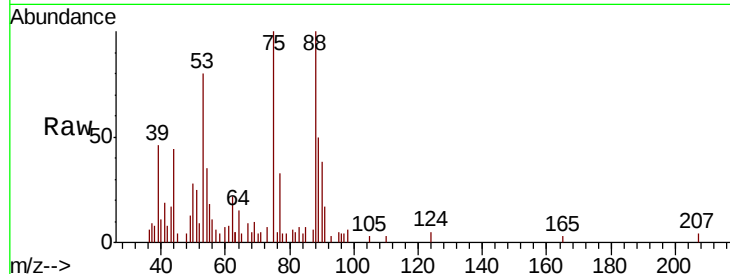
Tgt Ion: 75 Resp: 2502

Ion Ratio Lower Upper

75 100

53 79.5 79.8 119.6#

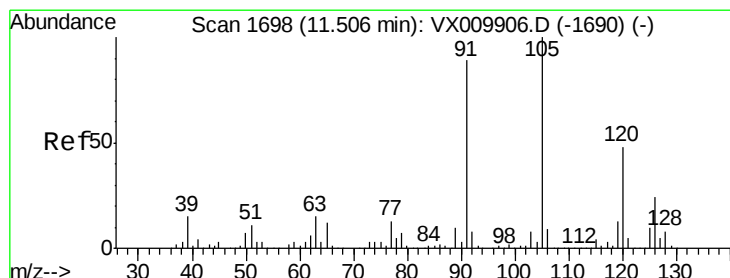
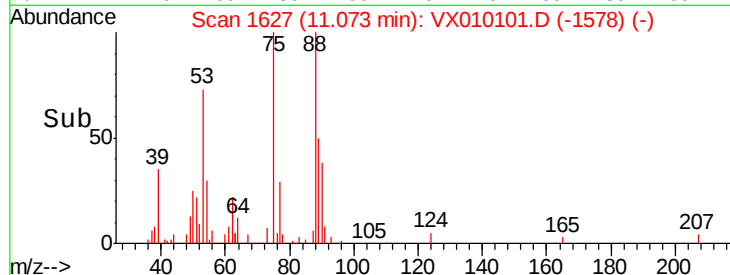
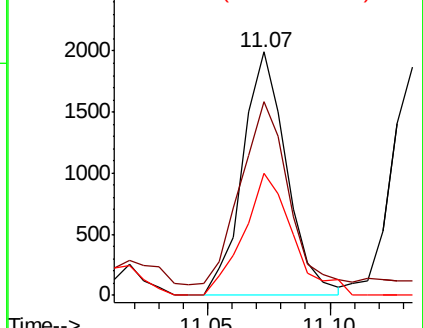
89 55.9 34.2 51.4#



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: 1.098 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010101.D

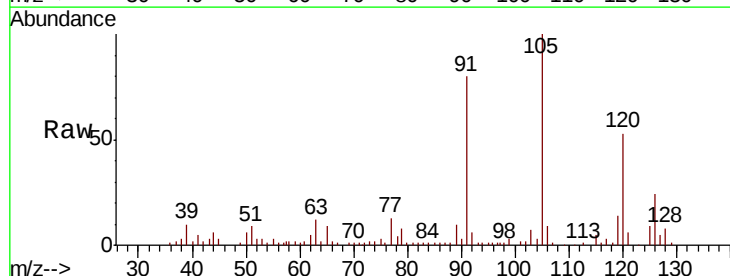
Acq: 07 Jun 2019 11:29

Tgt Ion: 91 Resp: 14883

Ion Ratio Lower Upper

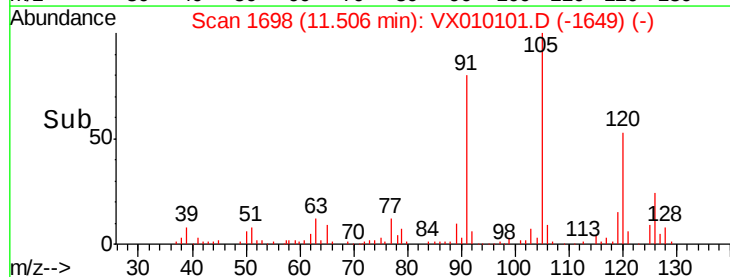
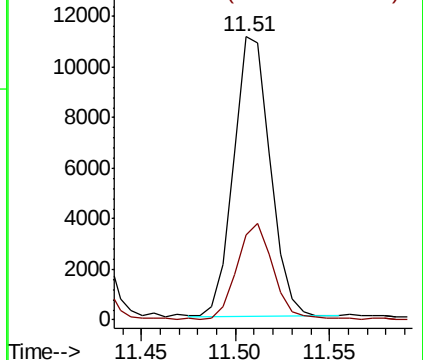
91 100

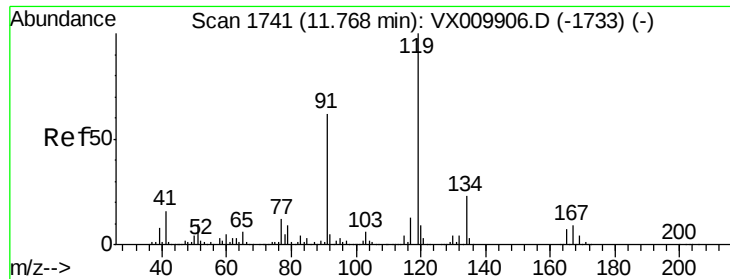
126 34.9 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

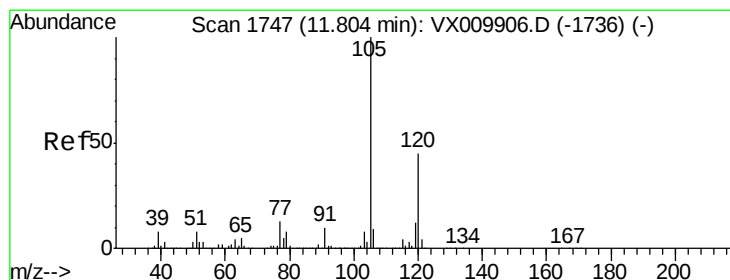
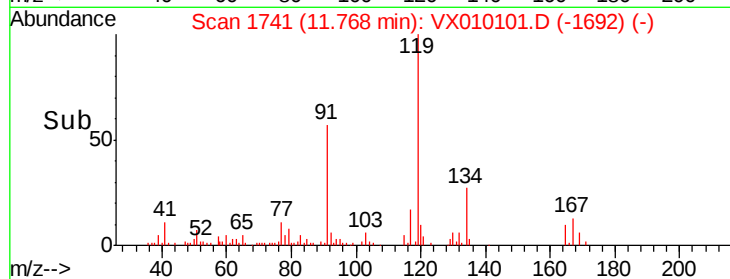
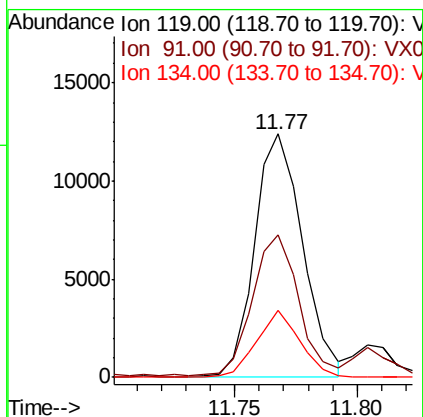
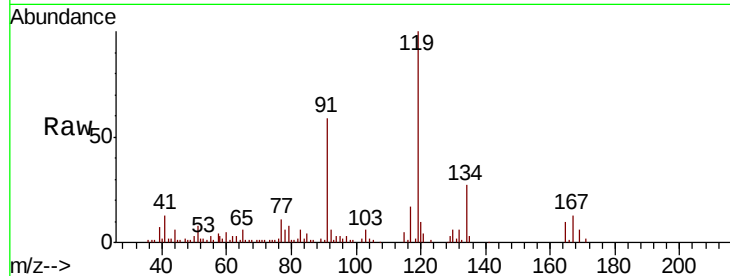




#83
 tert-Butylbenzene
 Concen: 1.146 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

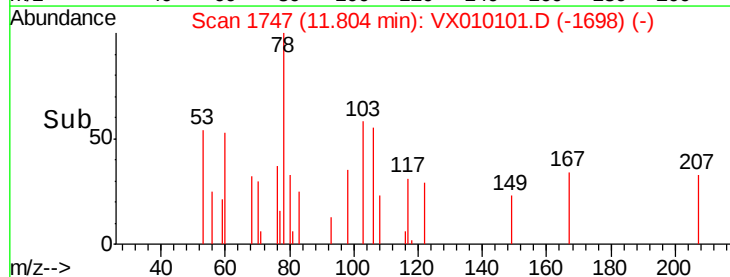
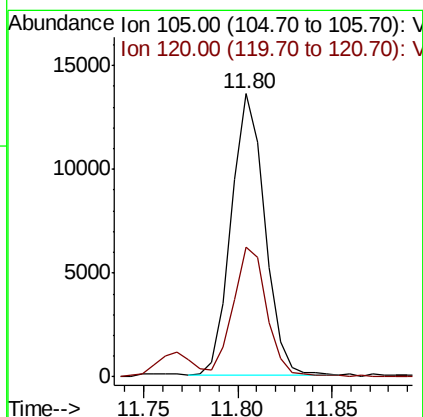
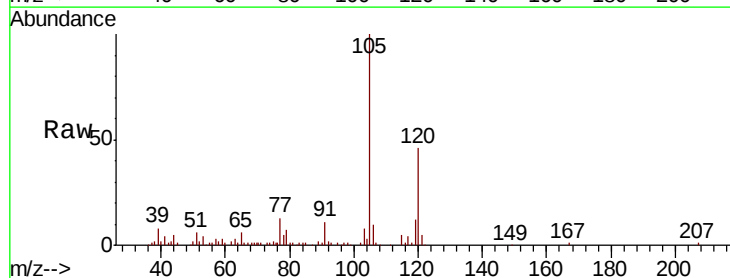
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

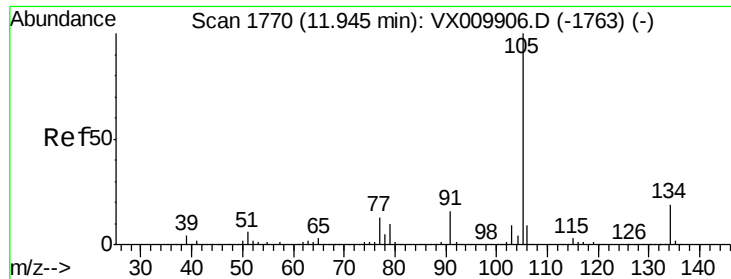
Tgt Ion:119 Resp: 17019
 Ion Ratio Lower Upper
 119 100
 91 55.0 30.0 90.0
 134 24.7 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 1.137 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Tgt Ion:105 Resp: 16920
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.1 66.1

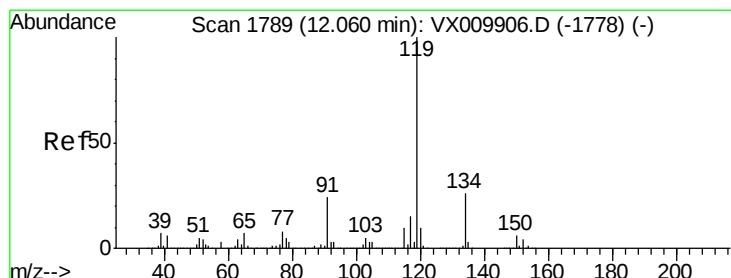
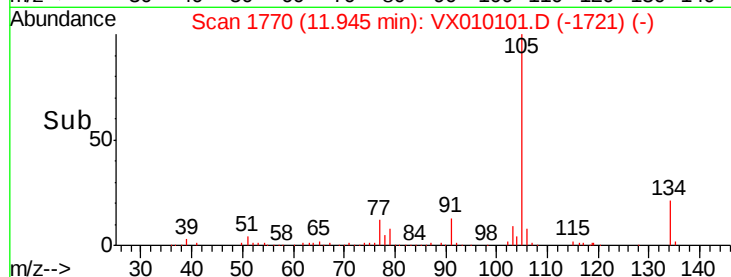
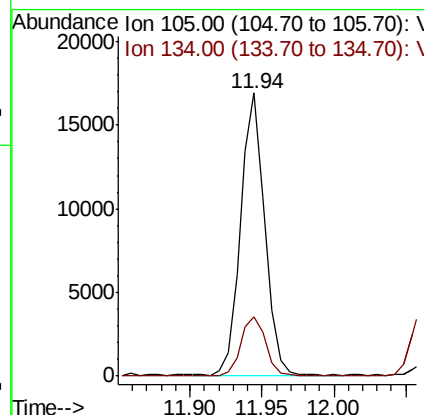
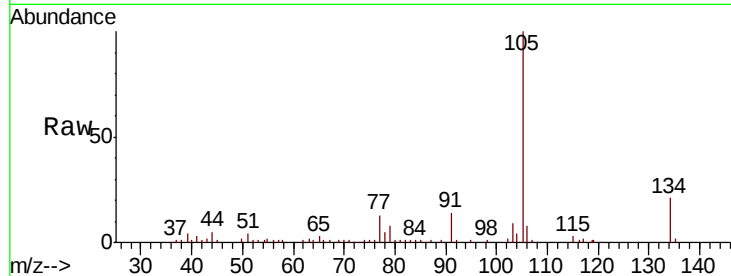




#85
 sec-Butylbenzene
 Concen: 1.149 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

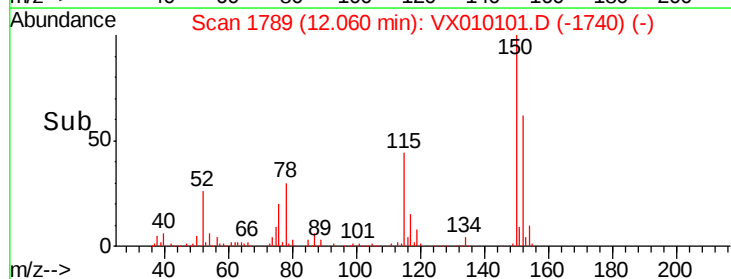
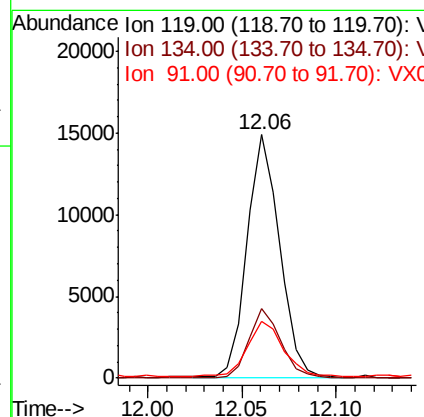
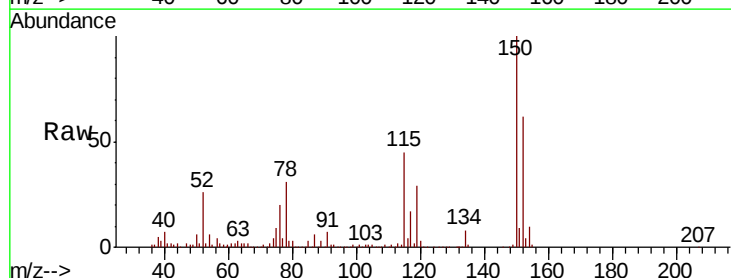
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

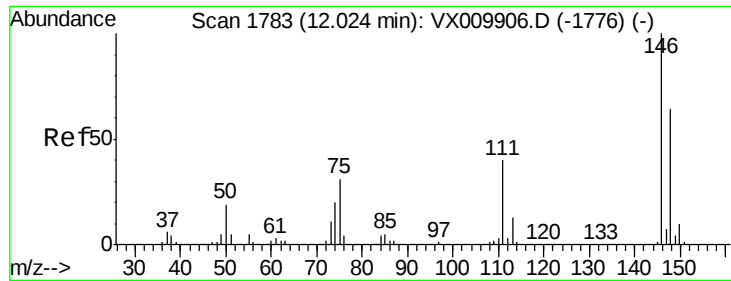
Tgt Ion:105 Resp: 19951
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 1.124 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Tgt Ion:119 Resp: 17961
 Ion Ratio Lower Upper
 119 100
 134 28.0 12.9 38.6
 91 24.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 1.162 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

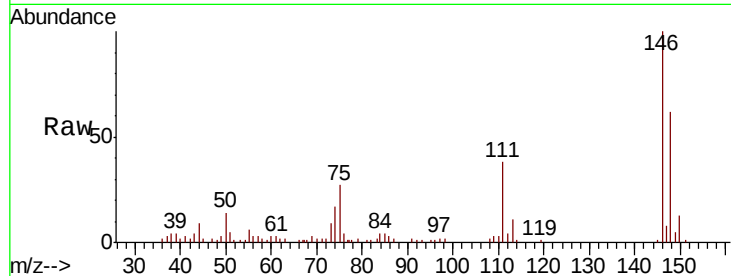
Tgt Ion:146 Resp: 9851

Ion Ratio Lower Upper

146 100

111 37.6 20.1 60.2

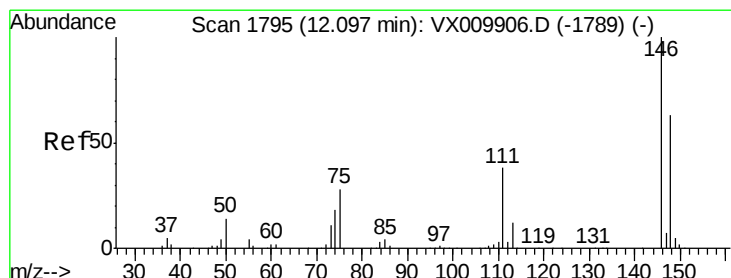
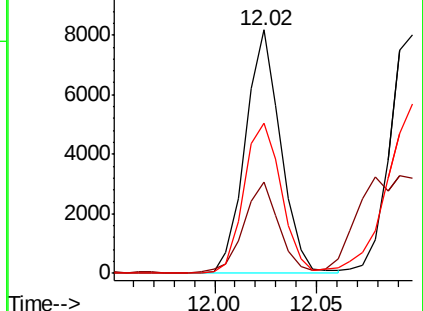
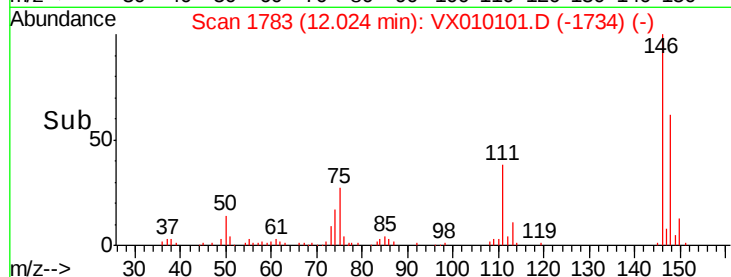
148 65.9 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.180 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX010101.D

Acq: 07 Jun 2019 11:29

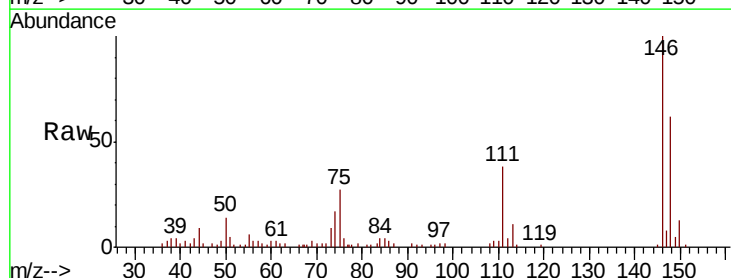
Tgt Ion:146 Resp: 9851

Ion Ratio Lower Upper

146 100

111 37.6 20.0 59.9

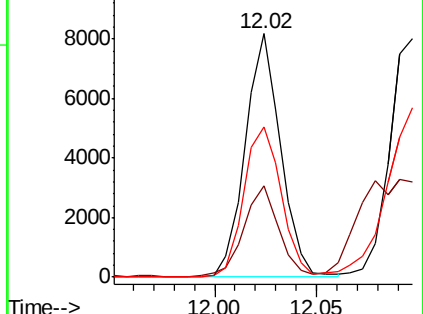
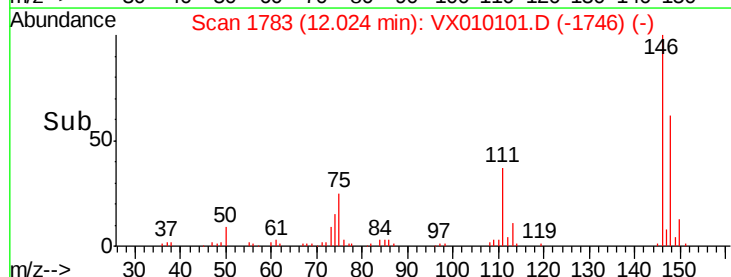
148 65.9 32.3 96.9

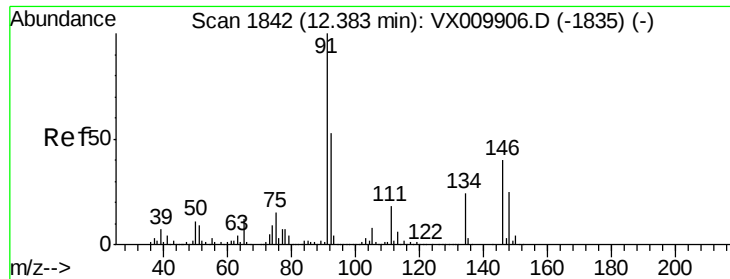


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

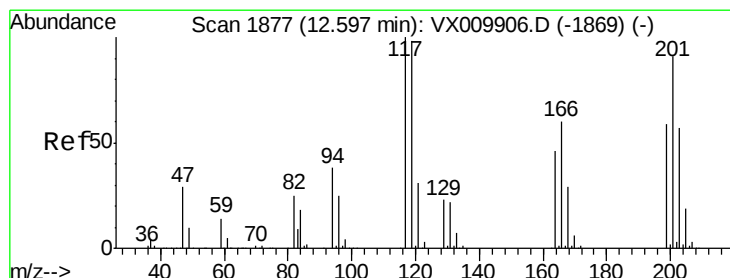
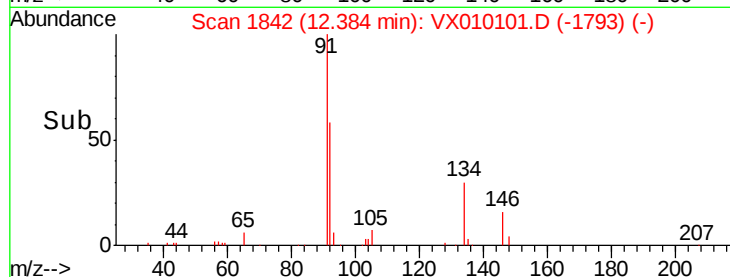
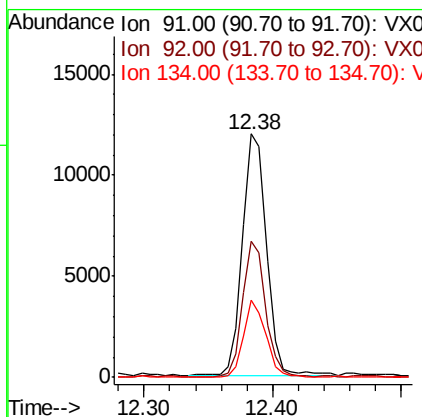
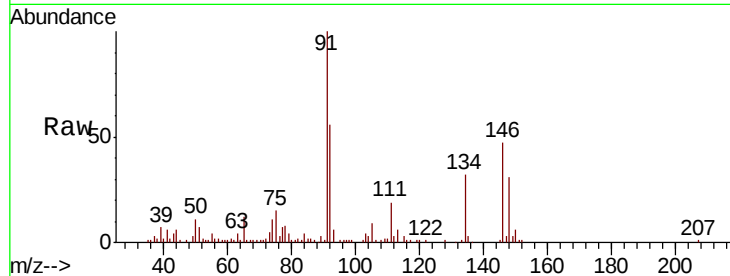




#89
n-Butylbenzene
Concen: 1.107 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

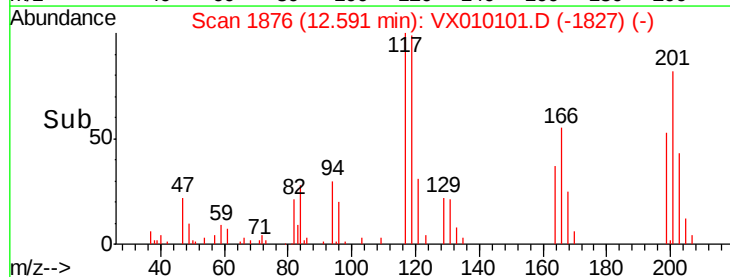
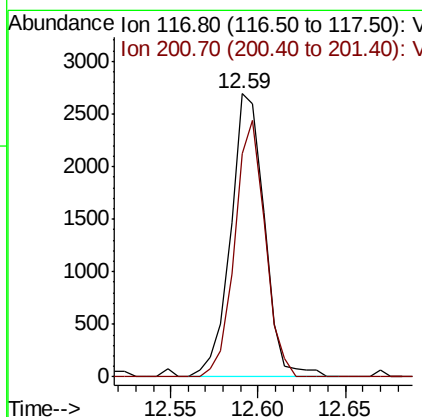
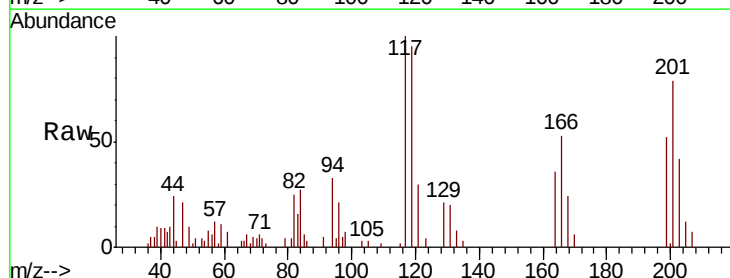
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

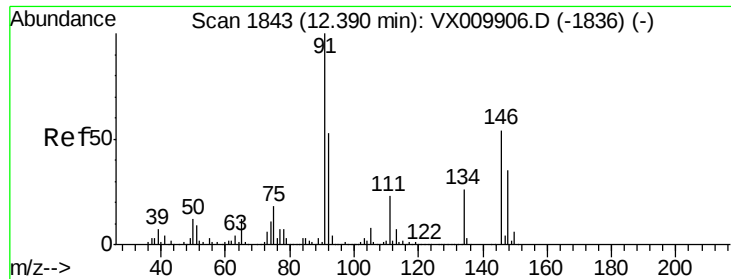
Tgt Ion: 91 Resp: 15331
Ion Ratio Lower Upper
91 100
92 54.5 26.3 78.8
134 29.5 12.3 36.8



#90
Hexachloroethane
Concen: 1.147 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion: 117 Resp: 3619
Ion Ratio Lower Upper
117 100
201 81.2 43.6 130.9

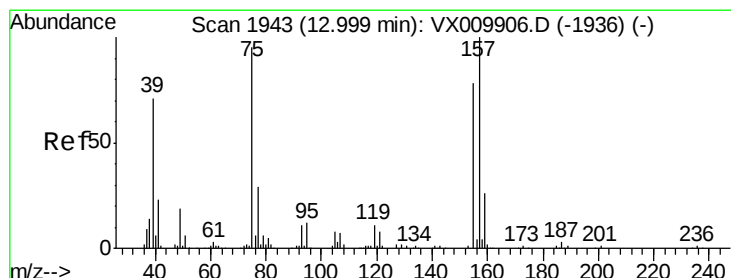
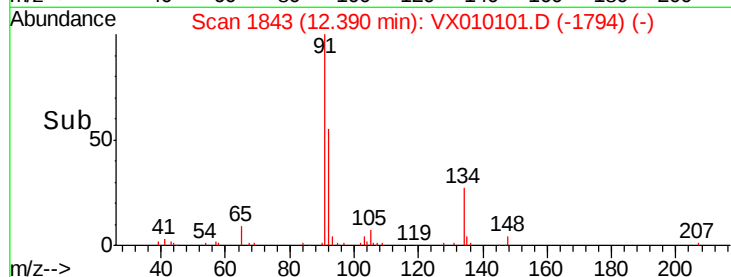
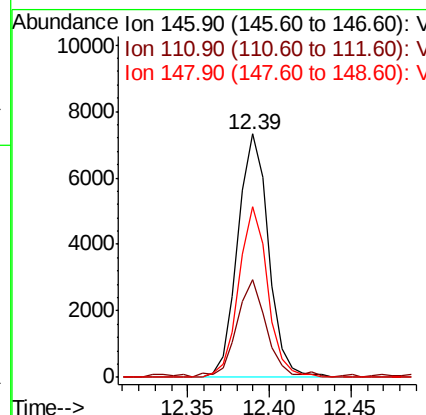
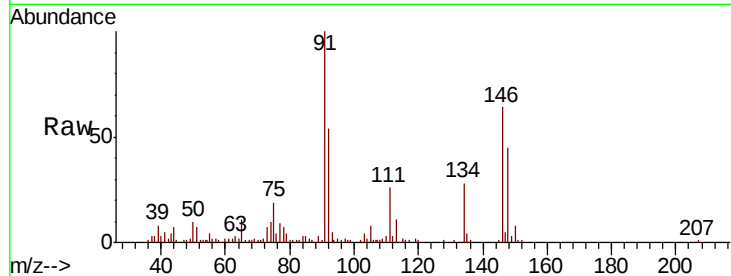




#91
 1,2-Dichlorobenzene
 Concen: 1.174 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

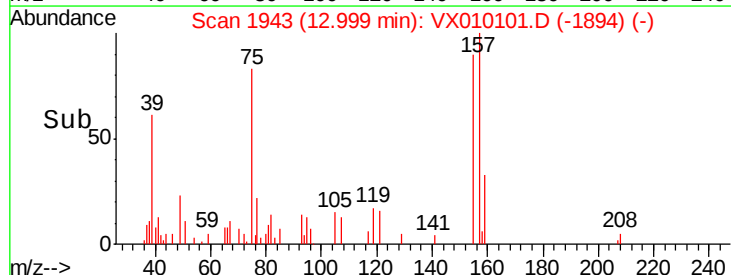
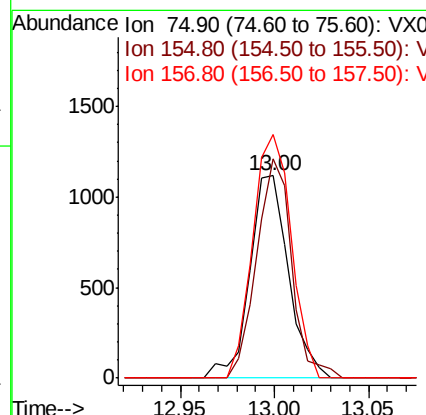
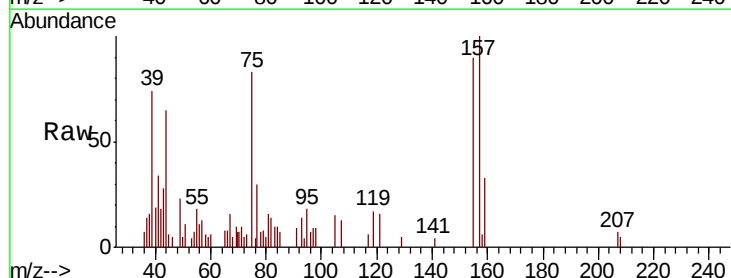
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

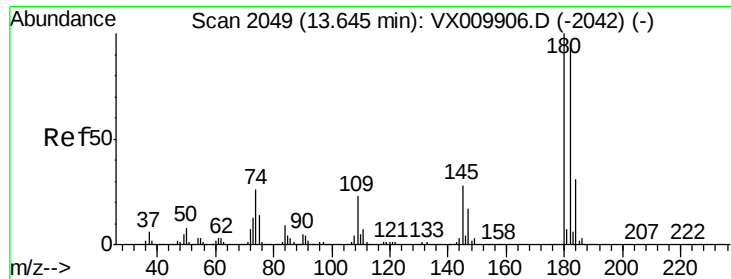
Tgt Ion:146 Resp: 9641
 Ion Ratio Lower Upper
 146 100
 111 38.3 21.1 63.1
 148 65.9 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.169 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Tgt Ion: 75 Resp: 1594
 Ion Ratio Lower Upper
 75 100
 155 97.9 39.3 117.8
 157 119.1 50.6 151.8

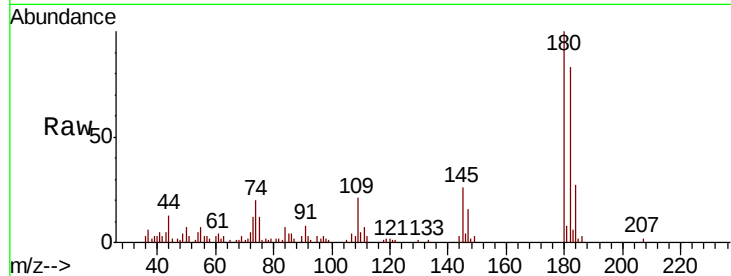




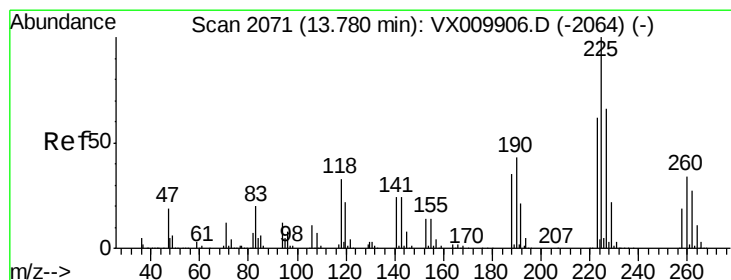
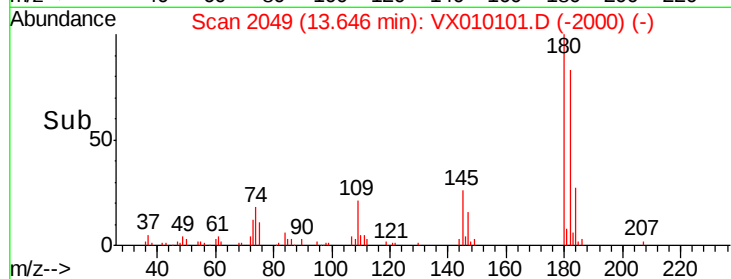
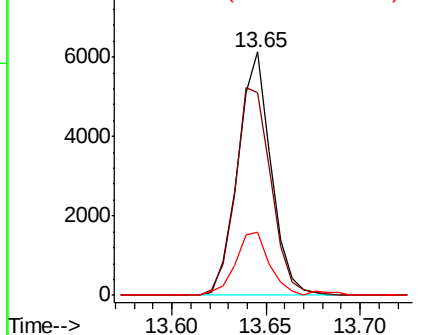
#93
 1,2,4-Trichlorobenzene
 Concen: 1.274 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:	180	Resp:	7462
Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.4	142.2
145	26.6	14.5	43.5

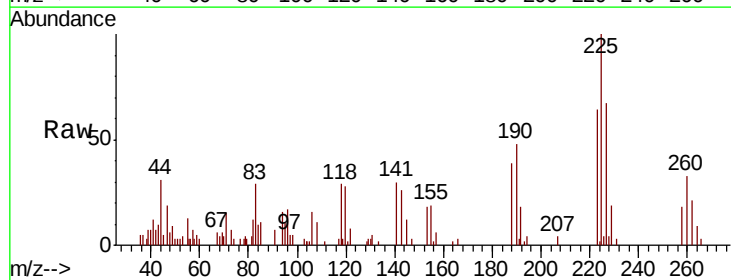


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

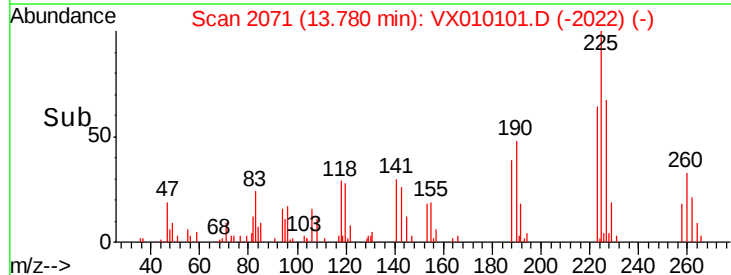
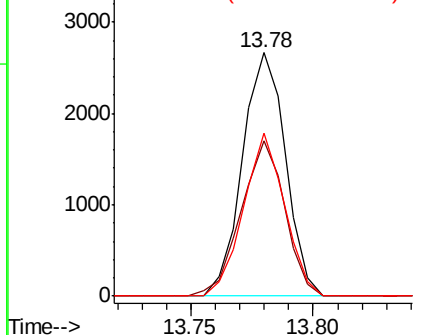


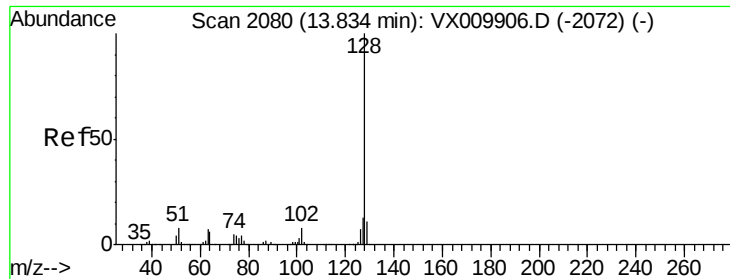
#94
 Hexachlorobutadiene
 Concen: 1.253 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010101.D
 Acq: 07 Jun 2019 11:29

Tgt Ion:	225	Resp:	3265
Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.3	93.8
227	63.8	32.3	96.8



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

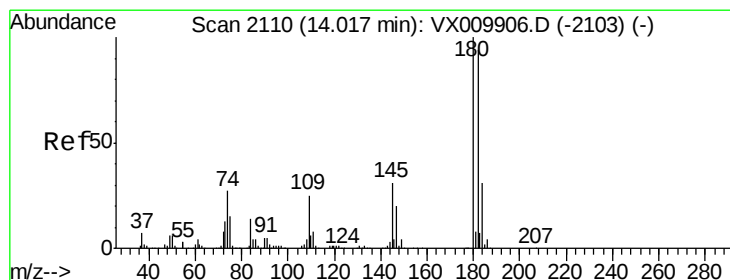
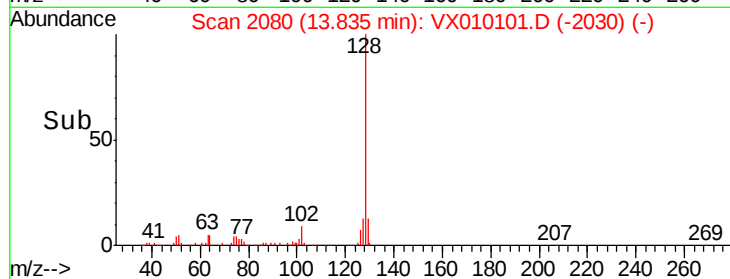
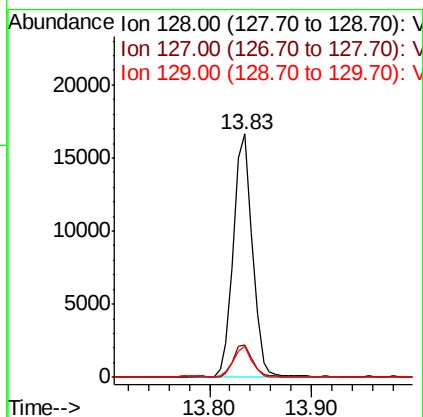
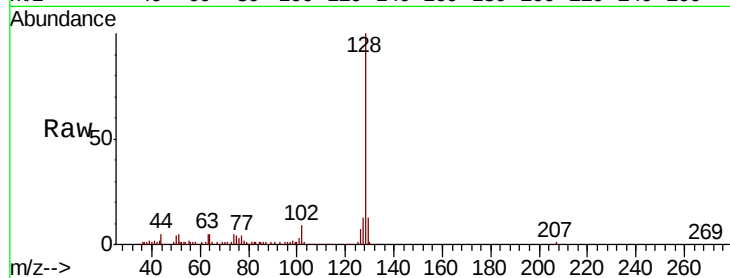




#95
Naphthalene
Concen: 1.138 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 21506
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 12.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.211 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010101.D
Acq: 07 Jun 2019 11:29

Tgt Ion:180 Resp: 7029
Ion Ratio Lower Upper
180 100
182 90.4 47.3 142.0
145 31.2 15.6 46.7

