

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010819\
 Data File : VX006949.D
 Acq On : 08 Jan 2019 11:58
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 12 01:00:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	576782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	865972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	744577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	367195	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	32249	5.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.70%	
35) Dibromofluoromethane	5.50	113	28313	5.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.22%	
50) Toluene-d8	8.71	98	102583	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	
62) 4-Bromofluorobenzene	11.14	95	34312	4.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	19915	4.205 ug/l	99
3) Chloromethane	1.33	50	26845	4.869 ug/l	100
4) Vinyl Chloride	1.41	62	27758	4.680 ug/l	97
5) Bromomethane	1.64	94	37474	5.913 ug/l	99
6) Chloroethane	1.71	64	20378	4.920 ug/l	98
7) Trichlorofluoromethane	1.92	101	48066	5.015 ug/l	98
8) Diethyl Ether	2.19	74	20097	5.271 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30105	5.247 ug/l	97
10) Methyl Iodide	2.51	142	31516	4.072 ug/l	95
11) Tert butyl alcohol	3.08	59	41045	28.866 ug/l	97
12) 1,1-Dichloroethene	2.37	96	27824	5.249 ug/l	95
13) Acrolein	2.30	56	21258	37.321 ug/l	96
14) Allyl chloride	2.73	41	45066	4.960 ug/l	100
15) Acrylonitrile	3.15	53	85530	26.202 ug/l	98
16) Acetone	2.45	43	79347	26.627 ug/l	95
17) Carbon Disulfide	2.57	76	60927	4.464 ug/l	100
18) Methyl Acetate	2.78	43	48729	5.647 ug/l	99
19) Methyl tert-butyl Ether	3.21	73	99975	5.434 ug/l	99
20) Methylene Chloride	2.86	84	34080	5.509 ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	30256	5.122 ug/l	95
22) Diisopropyl ether	3.87	45	92983	5.444 ug/l	95
23) Vinyl Acetate	3.82	43	373660	25.942 ug/l	99
24) 1,1-Dichloroethane	3.70	63	52040	5.449 ug/l	99
25) 2-Butanone	4.70	43	115823	27.163 ug/l	97
26) 2,2-Dichloropropane	4.58	77	37195	5.065 ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	34608	5.311 ug/l	96
28) Bromochloromethane	5.02	49	20020	4.785 ug/l	94
29) Tetrahydrofuran	5.16	42	72595	26.198 ug/l	98
30) Chloroform	5.21	83	53182	5.319 ug/l	97
31) Cyclohexane	5.57	56	45048	5.300 ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	43094	5.085 ug/l	98
36) 1,1-Dichloropropene	5.80	75	38672	5.136 ug/l	97
37) Ethyl Acetate	4.86	43	43153	5.346 ug/l	98
38) Carbon Tetrachloride	5.78	117	36118	4.768 ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010819\
 Data File : VX006949.D
 Acq On : 08 Jan 2019 11:58
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Quant Time: Jan 12 01:00:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	49053	5.111	ug/l	97
40) Benzene	6.14	78	121923	5.307	ug/l	94
41) Methacrylonitrile	5.05	41	23535	5.061	ug/l	97
42) 1,2-Dichloroethane	6.20	62	42049	5.297	ug/l	98
43) Isopropyl Acetate	6.46	43	64365	5.055	ug/l	100
44) Trichloroethene	7.21	130	35703	5.186	ug/l	93
45) 1,2-Dichloropropane	7.52	63	31554	5.463	ug/l #	87
46) Dibromomethane	7.66	93	20072	4.945	ug/l	94
47) Bromodichloromethane	7.90	83	32454	4.697	ug/l	96
48) Methyl methacrylate	7.77	41	32928	5.036	ug/l	100
49) 1,4-Dioxane	7.76	88	16920	105.643	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	208292	25.456	ug/l	98
52) Toluene	8.78	92	78214	5.297	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	34241	4.469	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	39030	4.613	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	30009	5.078	ug/l	93
56) Ethyl methacrylate	9.18	69	42421	4.917	ug/l	96
57) 1,3-Dichloropropane	9.37	76	51385	5.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	111309	25.091	ug/l	98
59) 2-Hexanone	9.49	43	159019	25.503	ug/l	98
60) Dibromochloromethane	9.58	129	25034	4.362	ug/l	97
61) 1,2-Dibromoethane	9.67	107	33175	5.099	ug/l	100
64) Tetrachloroethene	9.33	164	34949	5.422	ug/l	92
65) Chlorobenzene	10.14	112	87261	5.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	27306	4.998	ug/l	98
67) Ethyl Benzene	10.25	91	141158	5.265	ug/l	100
68) m/p-Xylenes	10.36	106	109980	10.412	ug/l	100
69) o-Xylene	10.70	106	52710	5.117	ug/l	95
70) Styrene	10.71	104	82781	5.074	ug/l	98
71) Bromoform	10.86	173	17288	7.930	ug/l #	93
73) Isopropylbenzene	11.02	105	142886	5.518	ug/l	100
74) N-amyl acetate	10.90	43	52620	5.048	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	45316	5.513	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	45414	6.103	ug/l	93
77) Bromobenzene	11.26	156	37247	5.221	ug/l	96
78) n-propylbenzene	11.36	91	154830	5.447	ug/l	96
79) 2-Chlorotoluene	11.42	91	91821	5.366	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	116275	5.374	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	8457	6.953	ug/l #	77
82) 4-Chlorotoluene	11.51	91	105385	5.320	ug/l	98
83) tert-Butylbenzene	11.77	119	112225	5.199	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	118389	5.442	ug/l	99
85) sec-Butylbenzene	11.94	105	138679	5.379	ug/l	99
86) p-Isopropyltoluene	12.06	119	122298	5.304	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	66964	5.193	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	70138	5.869	ug/l	97
89) n-Butylbenzene	12.39	91	99370	5.055	ug/l	98
90) Hexachloroethane	12.60	117	14233	6.550	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	69298	5.446	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7605	4.678	ug/l	93

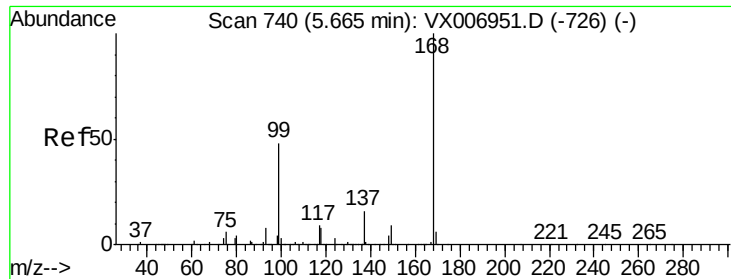
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX010819\
Data File : VX006949.D
Acq On : 08 Jan 2019 11:58
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jan 12 01:00:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	43637	4.998	ug/l	99
94) Hexachlorobutadiene	13.78	225	19590	5.056	ug/l	99
95) Naphthalene	13.83	128	135325	5.115	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	43877	5.059	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

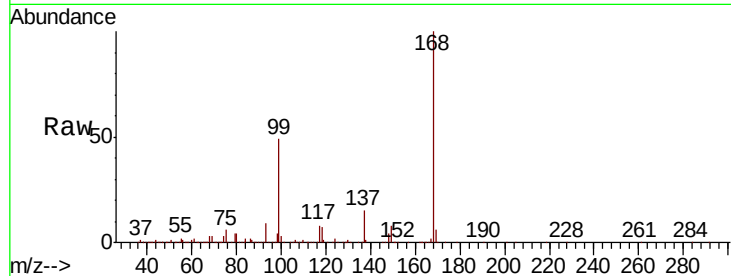
VSTDIC005

Tgt Ion:168 Resp: 576782

Ion Ratio Lower Upper

168 100

99 48.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

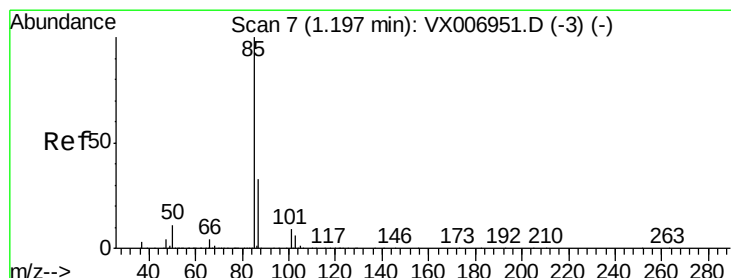
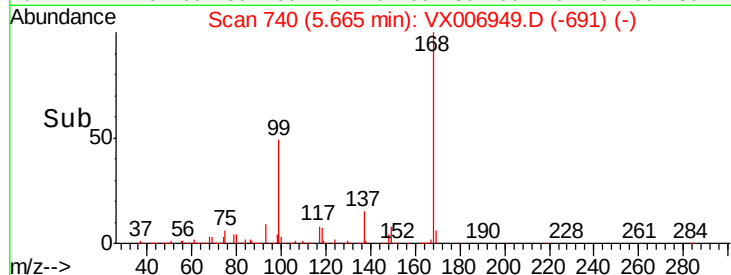
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 4.205 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006949.D

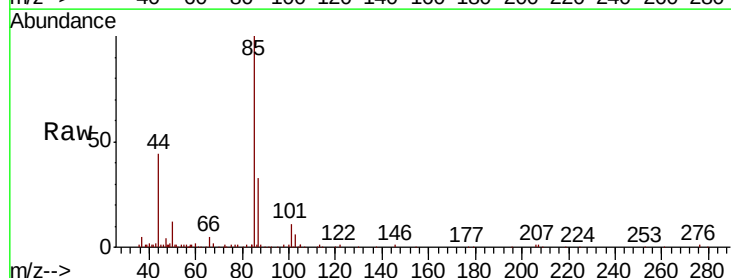
Acq: 08 Jan 2019 11:58

Tgt Ion: 85 Resp: 19915

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

15000

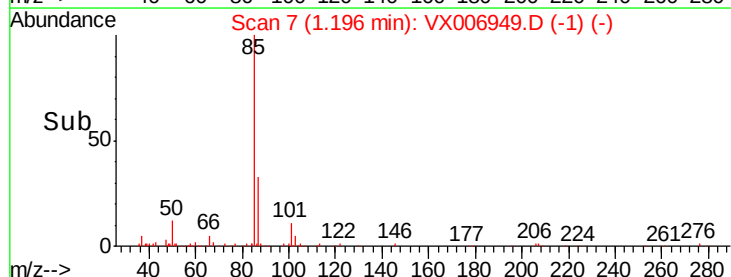
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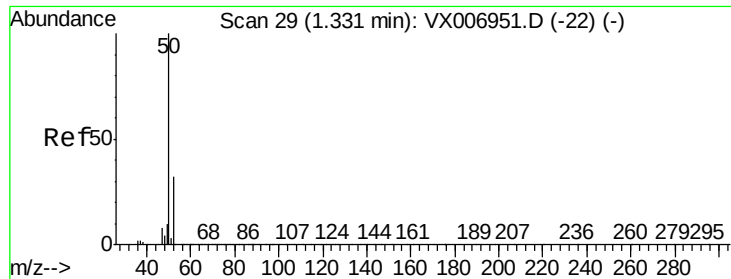
5000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 4.869 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

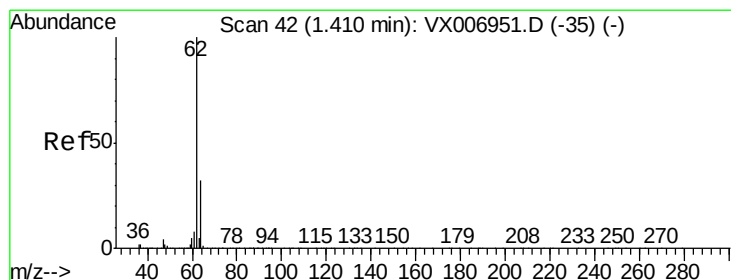
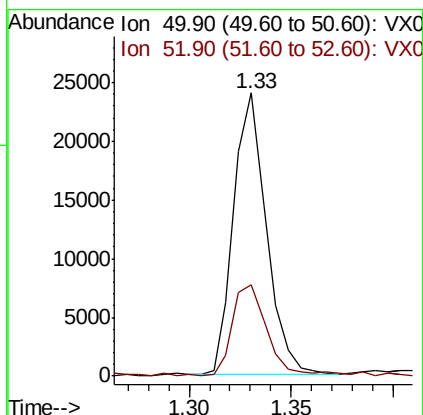
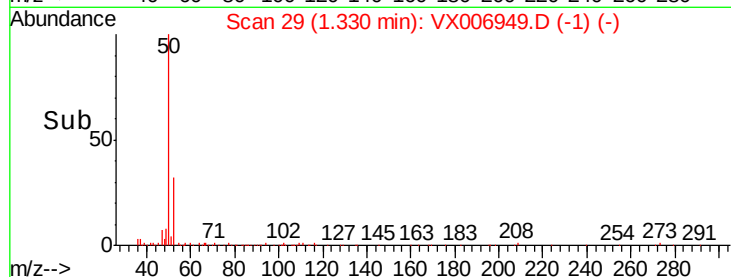
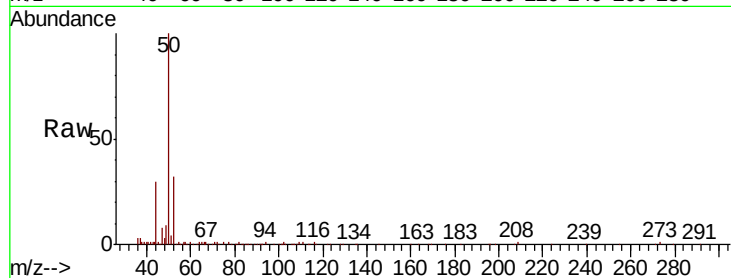
VSTDIC005

Tgt Ion: 50 Resp: 26845

Ion Ratio Lower Upper

50 100

52 32.0 25.4 38.2



#4

Vinyl Chloride

Concen: 4.680 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006949.D

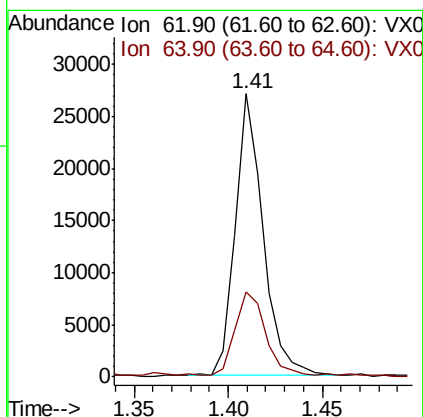
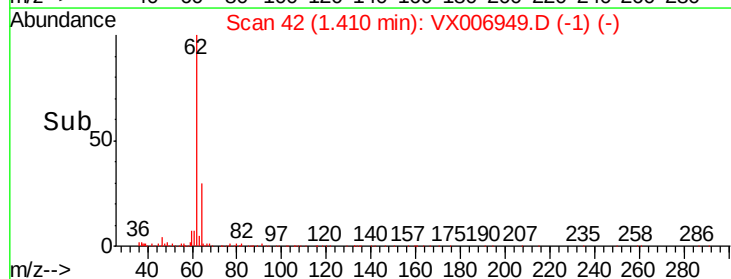
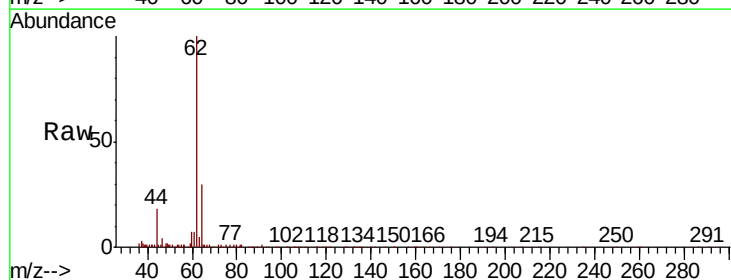
Acq: 08 Jan 2019 11:58

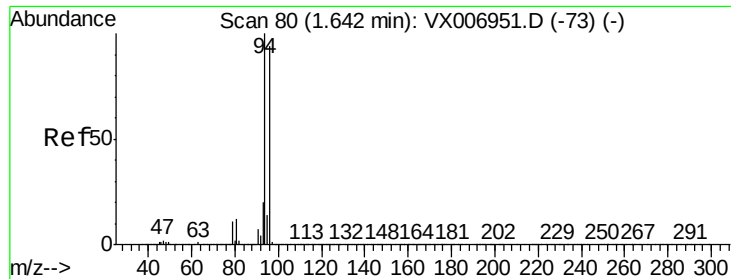
Tgt Ion: 62 Resp: 27758

Ion Ratio Lower Upper

62 100

64 29.7 25.1 37.7





#5

Bromomethane

Concen: 5.913 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

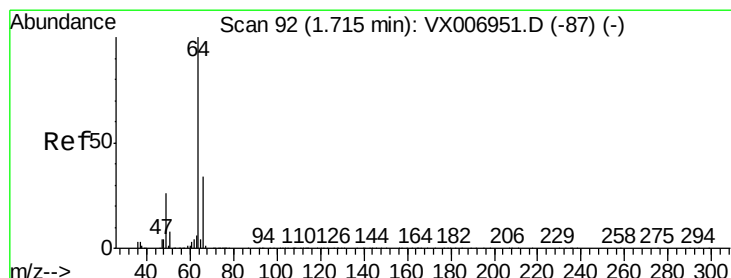
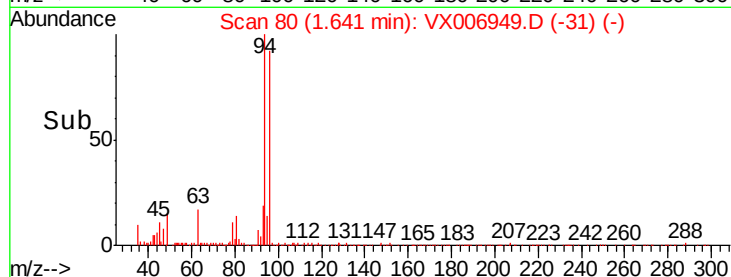
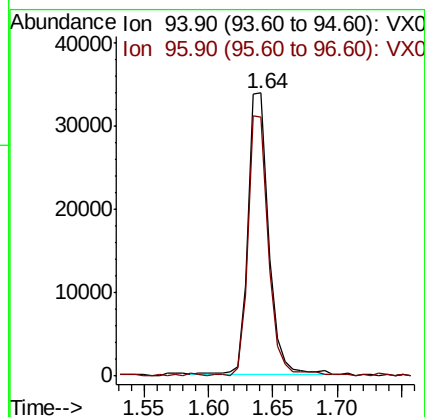
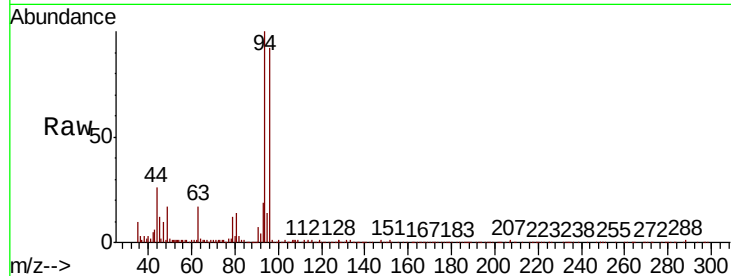
VSTDIC005

Tgt Ion: 94 Resp: 37474

Ion Ratio Lower Upper

94 100

96 91.3 73.4 110.2



#6

Chloroethane

Concen: 4.920 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006949.D

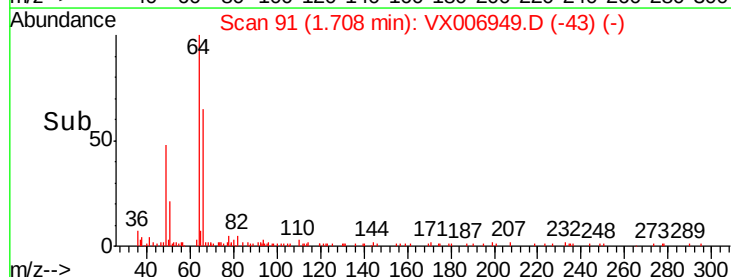
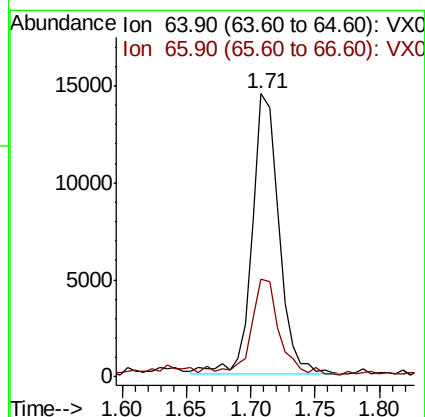
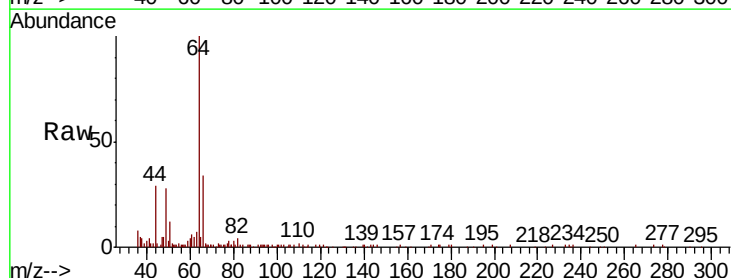
Acq: 08 Jan 2019 11:58

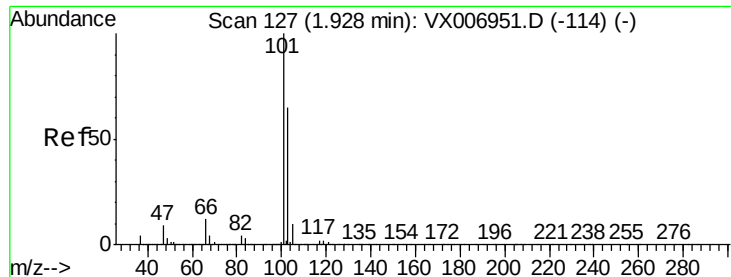
Tgt Ion: 64 Resp: 20378

Ion Ratio Lower Upper

64 100

66 34.3 26.4 39.6





#7

Trichlorofluoromethane

Concen: 5.015 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.01 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

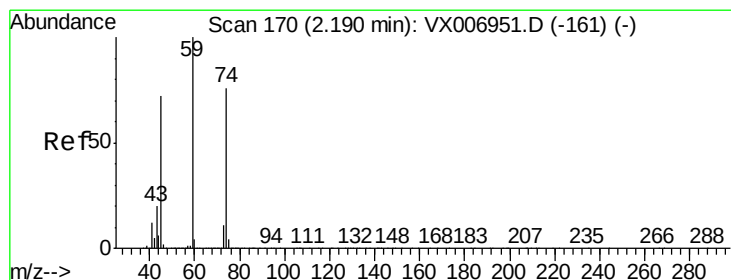
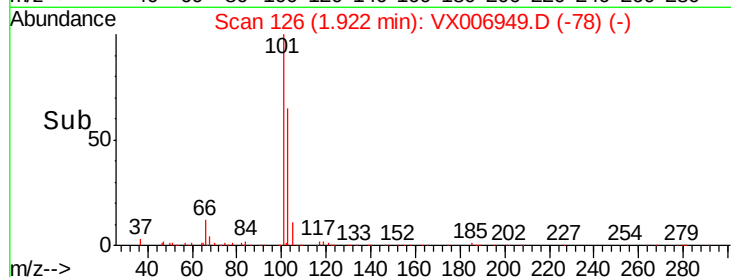
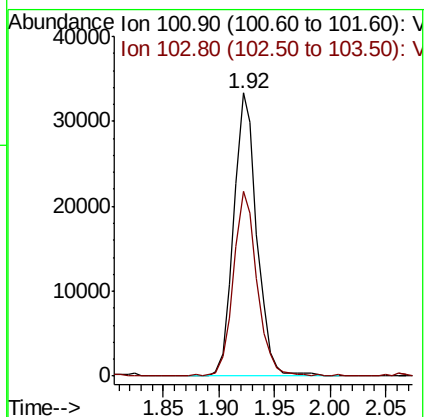
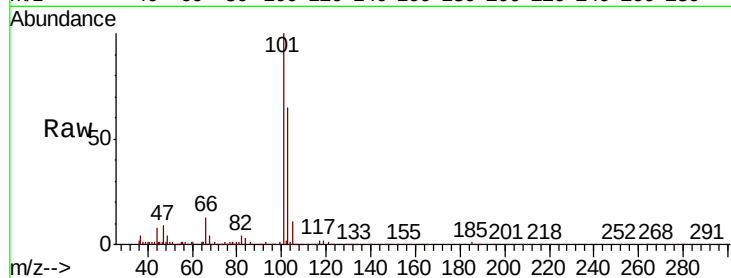
VSTDIC005

Tgt Ion:101 Resp: 48066

Ion Ratio Lower Upper

101 100

103 65.0 53.2 79.8



#8

Diethyl Ether

Concen: 5.271 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX006949.D

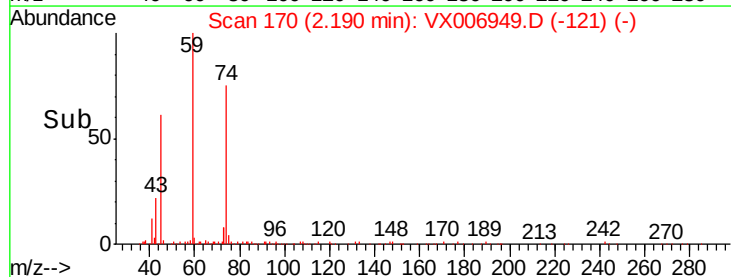
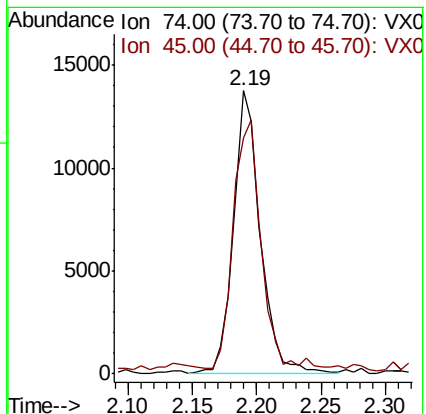
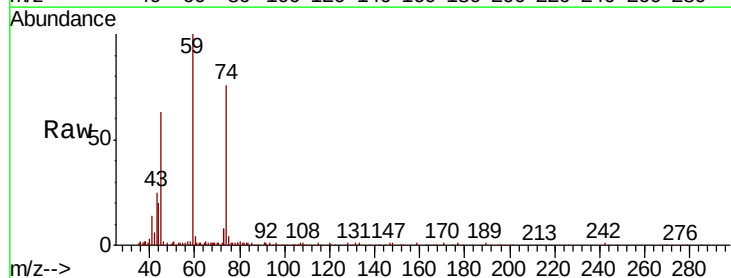
Acq: 08 Jan 2019 11:58

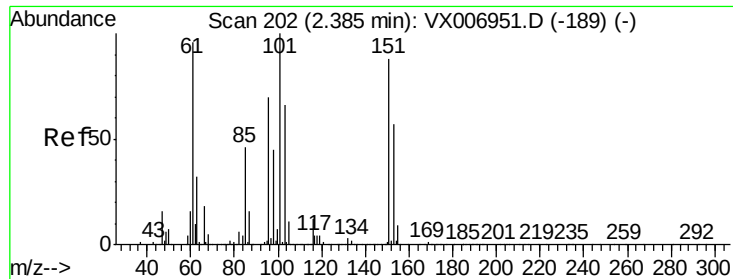
Tgt Ion: 74 Resp: 20097

Ion Ratio Lower Upper

74 100

45 88.4 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.247 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

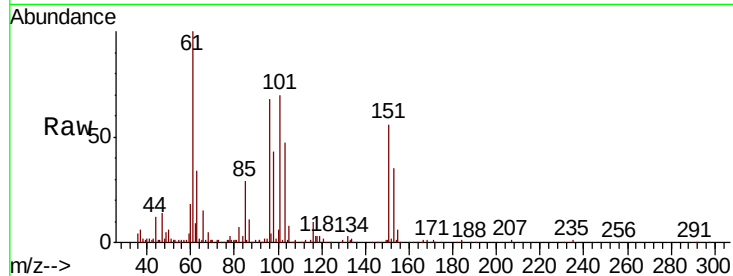
Tgt Ion:101 Resp: 30105

Ion Ratio Lower Upper

101 100

85 42.2 35.1 52.7

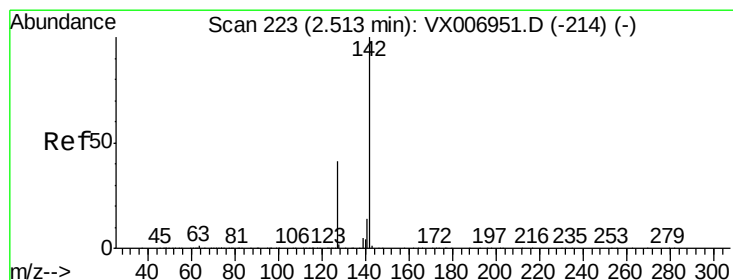
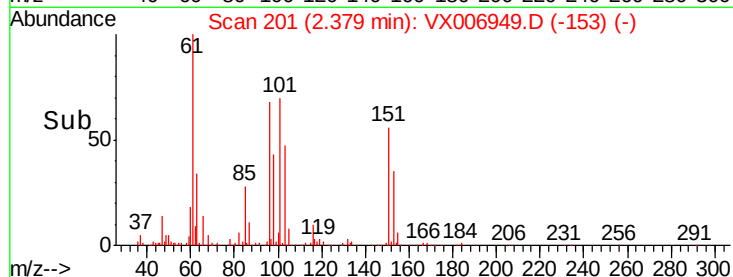
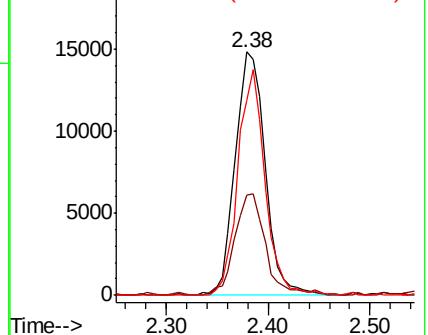
151 83.8 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.072 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

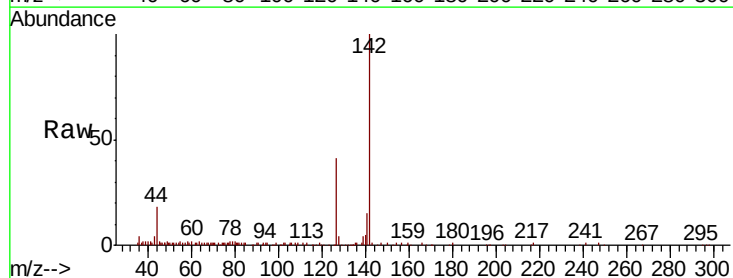
Tgt Ion:142 Resp: 31516

Ion Ratio Lower Upper

142 100

127 45.2 33.9 50.9

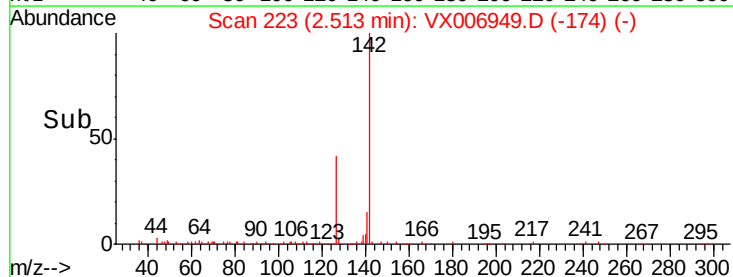
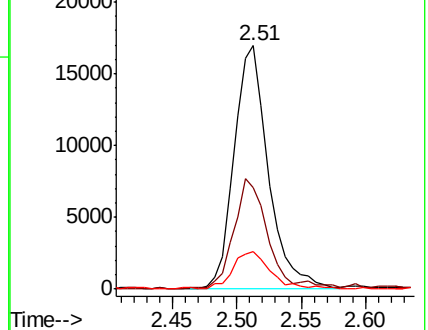
141 16.9 11.4 17.0

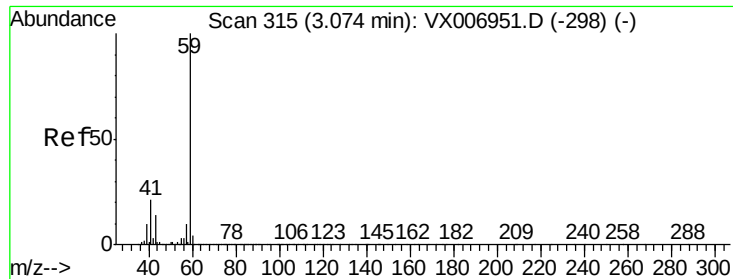


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



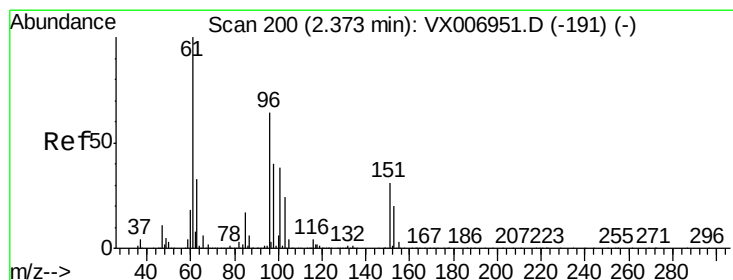
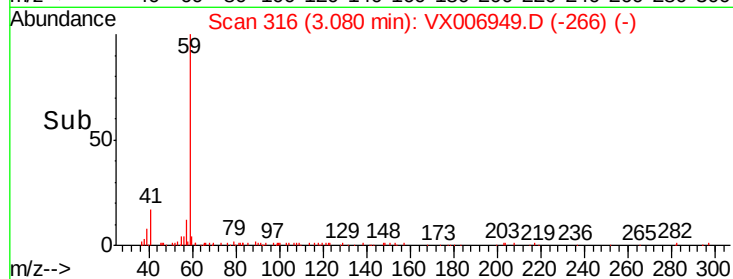
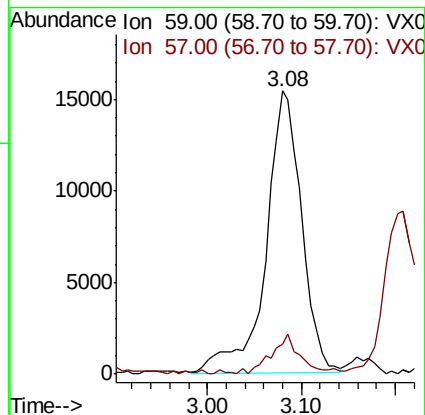
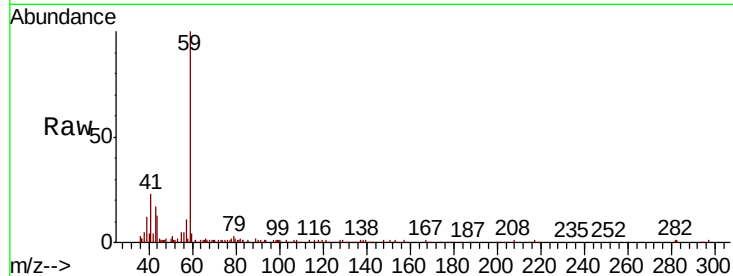


#11

Tert butyl alcohol
 Concen: 28.866 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

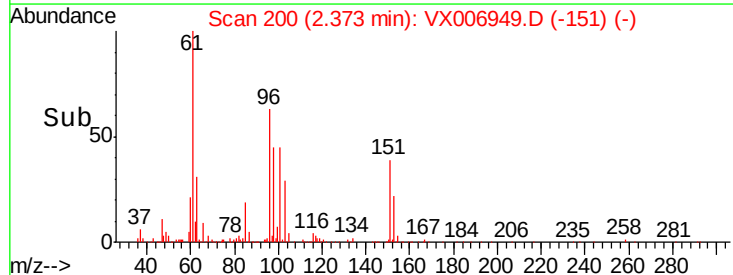
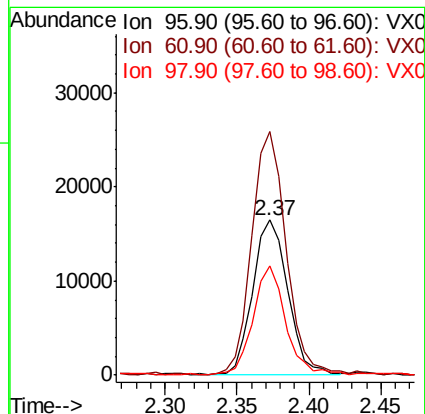
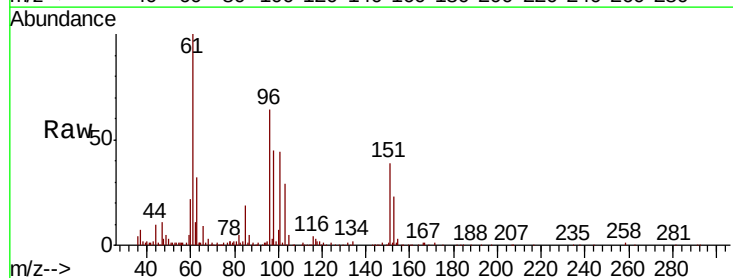
Tgt Ion: 59 Resp: 41045
 Ion Ratio Lower Upper
 59 100
 57 11.7 8.5 12.7

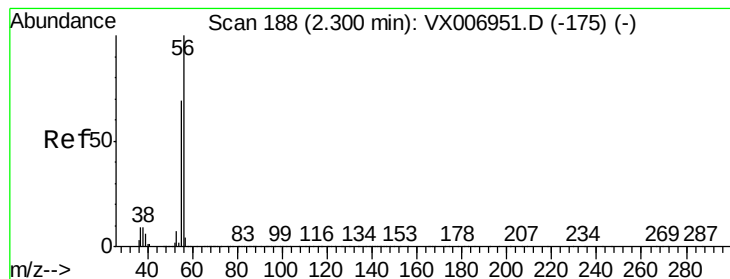


#12

1,1-Dichloroethene
 Concen: 5.249 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Tgt Ion: 96 Resp: 27824
 Ion Ratio Lower Upper
 96 100
 61 156.8 121.4 182.2
 98 69.6 51.9 77.9





#13

Acrolein

Concen: 37.321 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

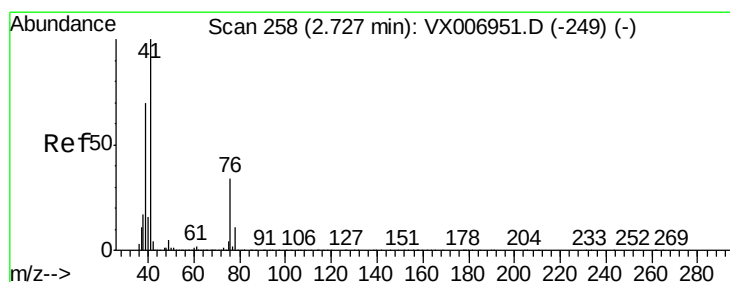
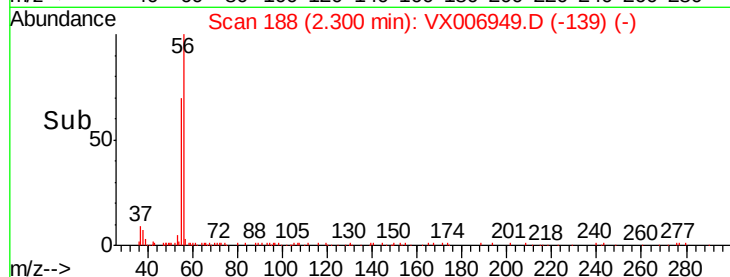
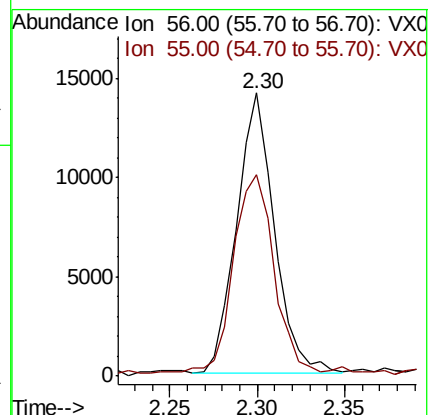
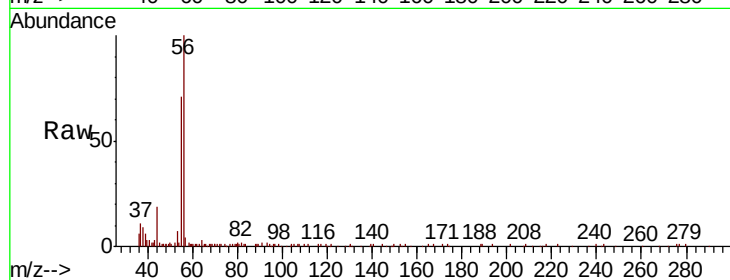
VSTDIC005

Tgt Ion: 56 Resp: 21258

Ion Ratio Lower Upper

56 100

55 75.8 58.2 87.4



#14

Allyl chloride

Concen: 4.960 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

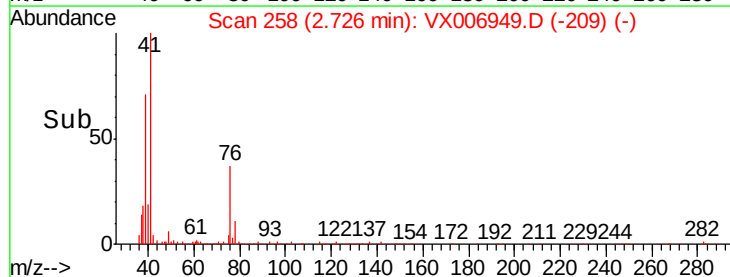
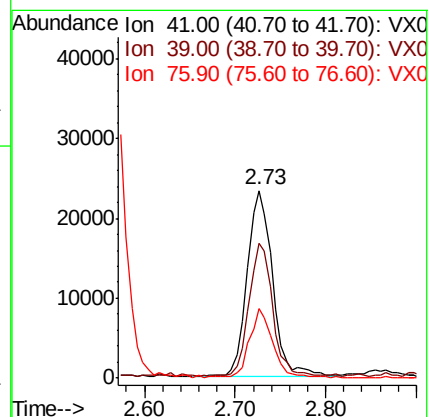
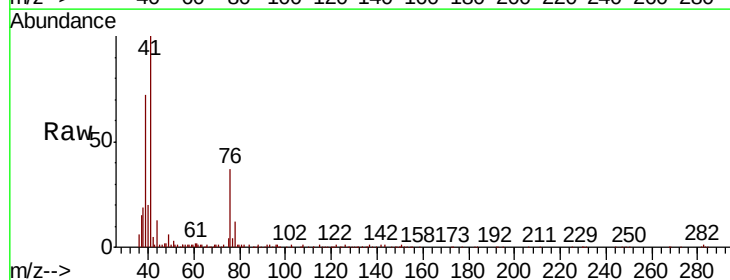
Tgt Ion: 41 Resp: 45066

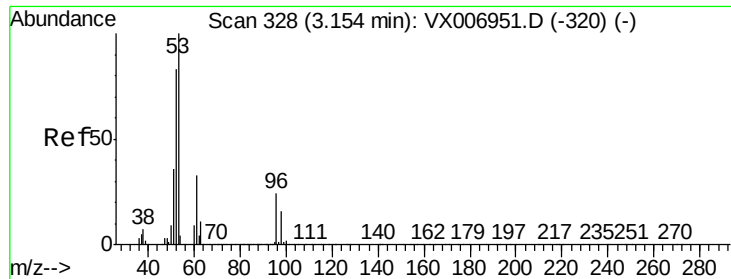
Ion Ratio Lower Upper

41 100

39 67.1 53.6 80.4

76 34.8 27.4 41.2





#15

Acrylonitrile

Concen: 26.202 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

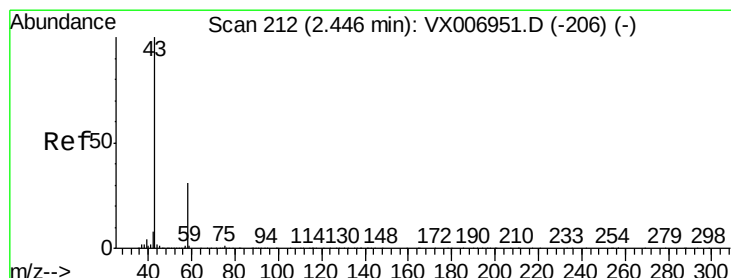
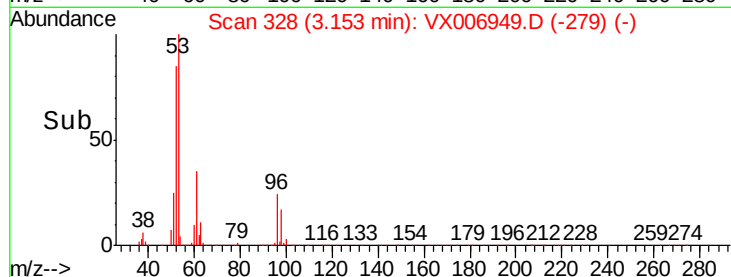
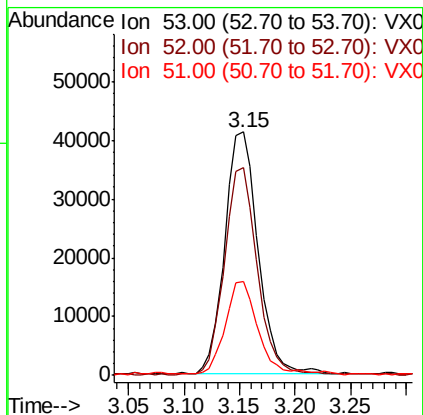
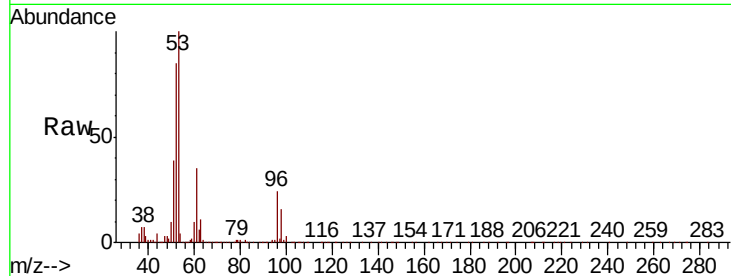
Tgt Ion: 53 Resp: 85530

Ion Ratio Lower Upper

53 100

52 84.2 66.0 99.0

51 37.0 28.6 42.8



#16

Acetone

Concen: 26.627 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006949.D

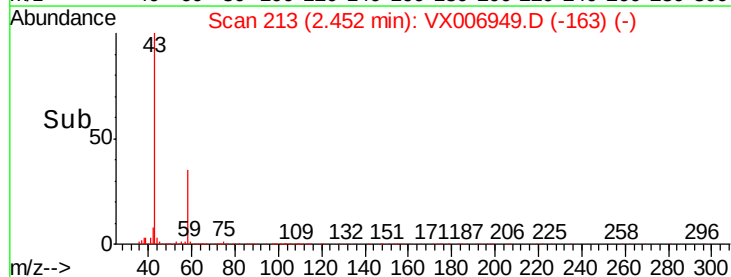
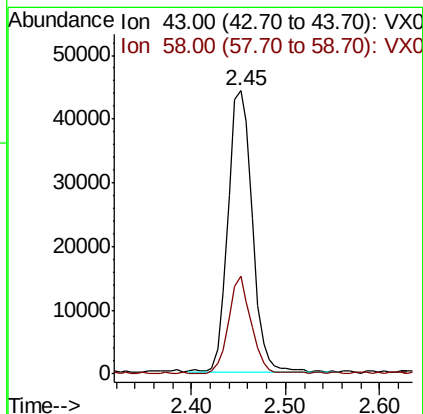
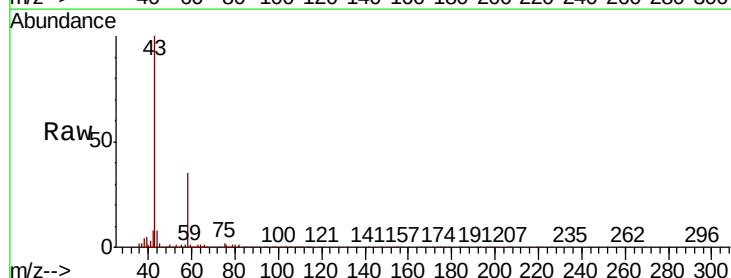
Acq: 08 Jan 2019 11:58

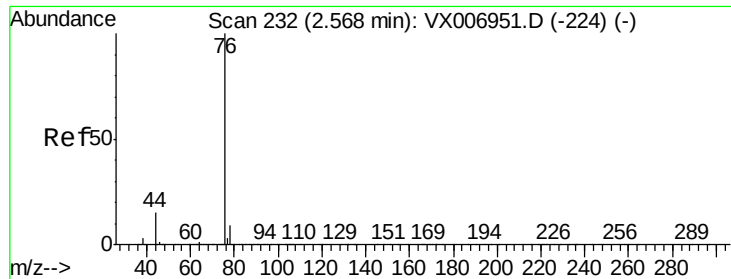
Tgt Ion: 43 Resp: 79347

Ion Ratio Lower Upper

43 100

58 34.3 25.0 37.6

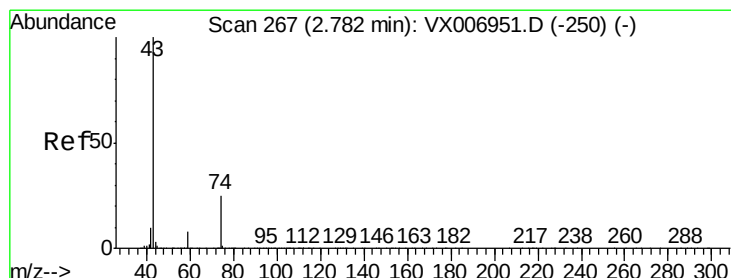
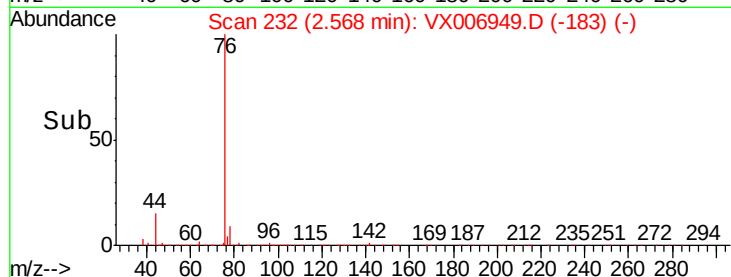
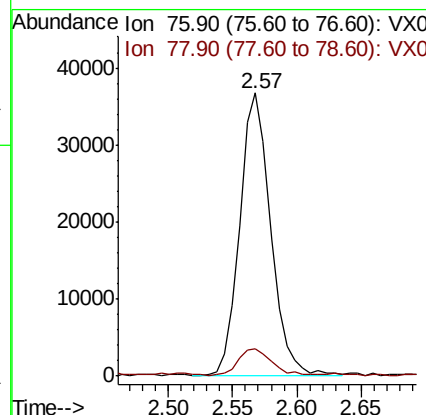
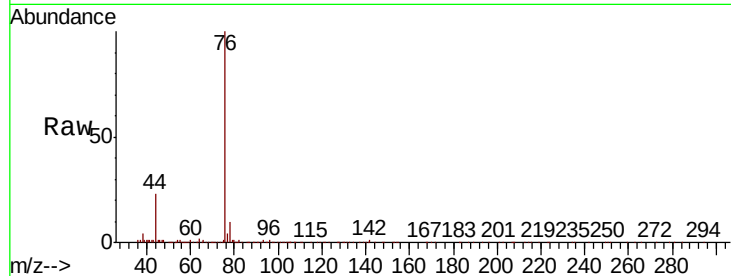




#17
Carbon Disulfide
Concen: 4.464 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

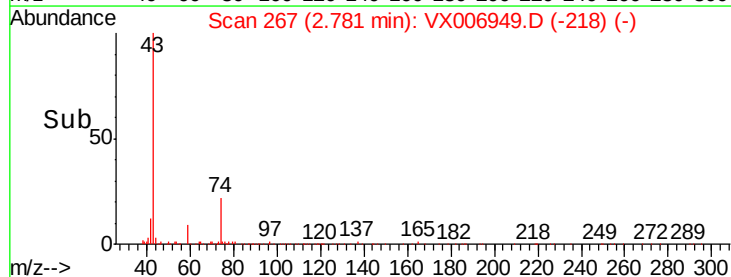
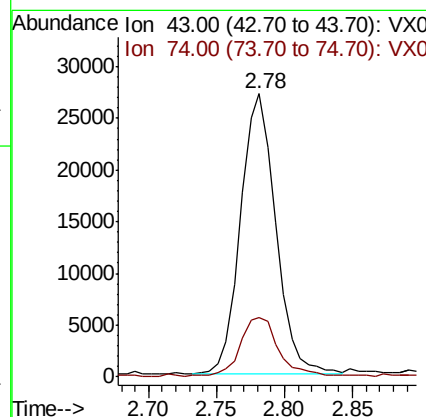
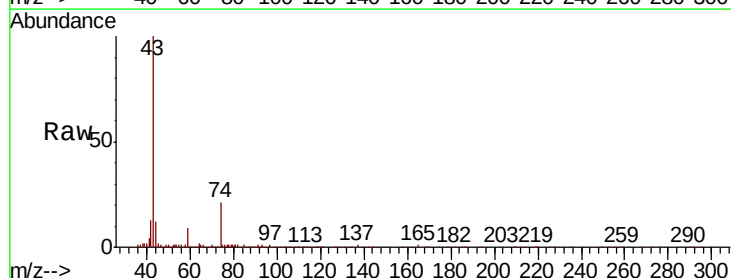
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

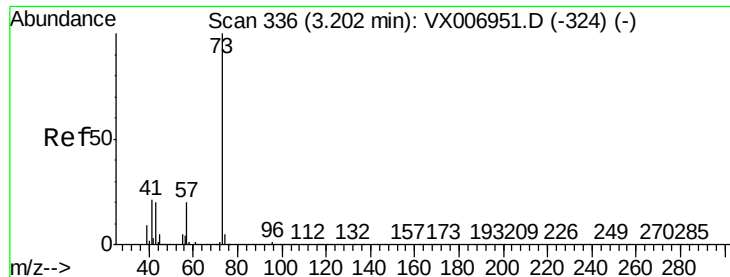
Tgt Ion: 76 Resp: 60927
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 5.647 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion: 43 Resp: 48729
Ion Ratio Lower Upper
43 100
74 23.7 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 5.434 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

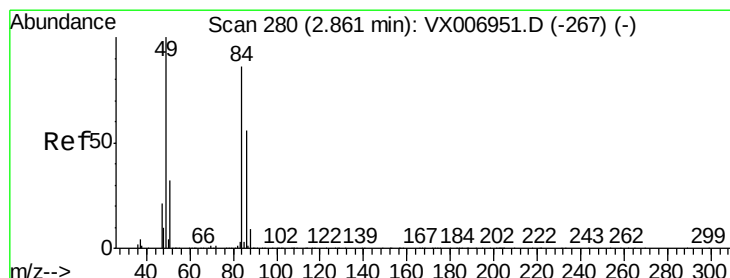
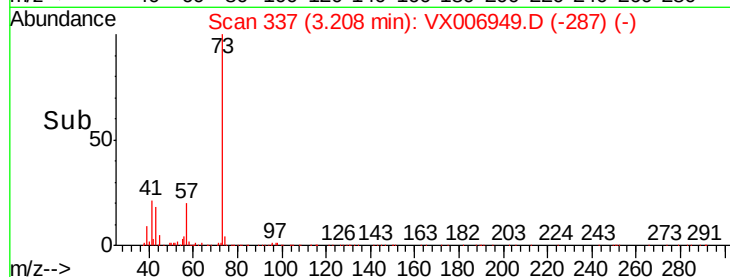
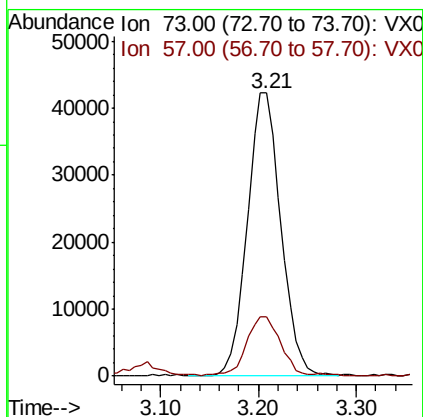
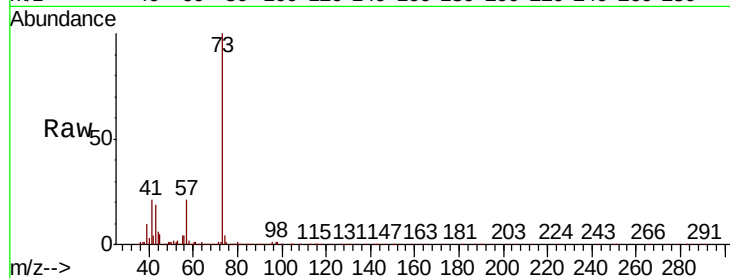
VSTDIC005

Tgt Ion: 73 Resp: 99975

Ion Ratio Lower Upper

73 100

57 20.6 16.8 25.2



#20

Methylene Chloride

Concen: 5.509 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Tgt Ion: 84 Resp: 34080

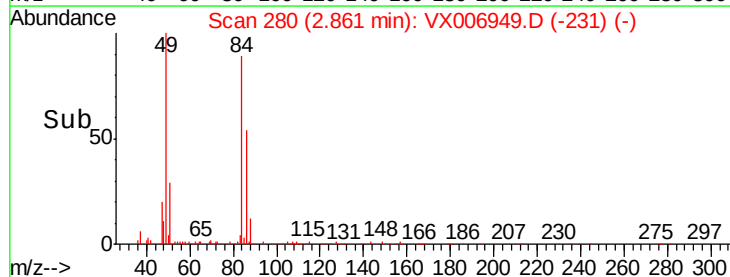
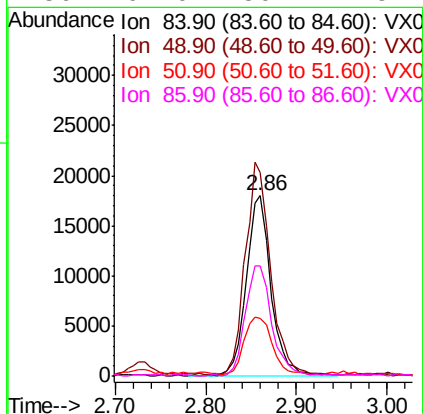
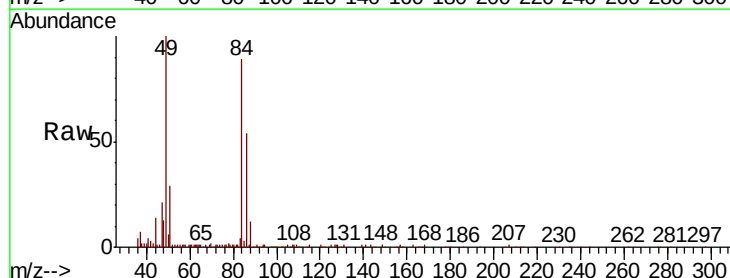
Ion Ratio Lower Upper

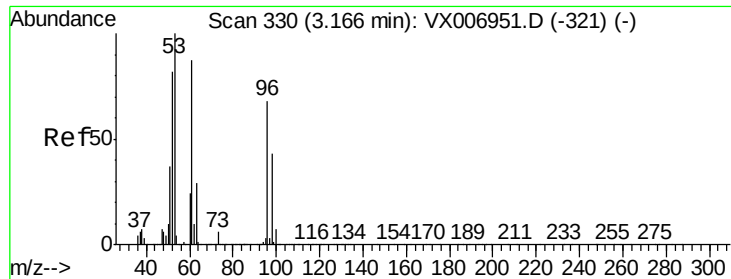
84 100

49 112.3 91.8 137.6

51 31.1 28.5 42.7

86 61.0 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 5.122 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

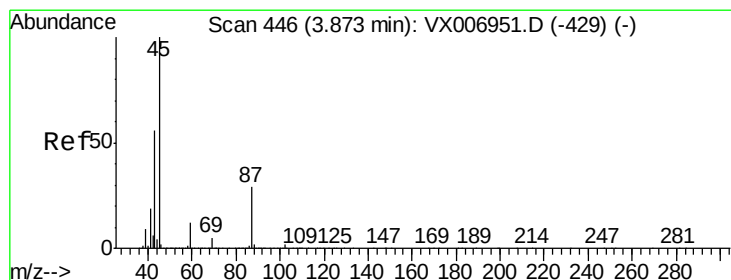
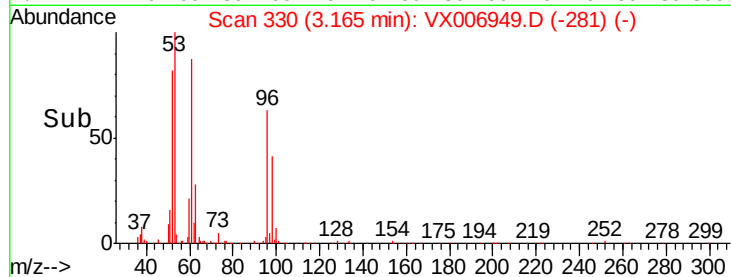
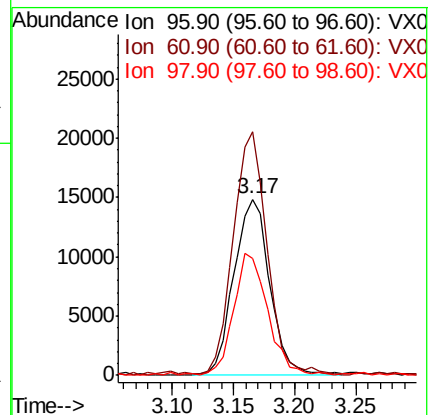
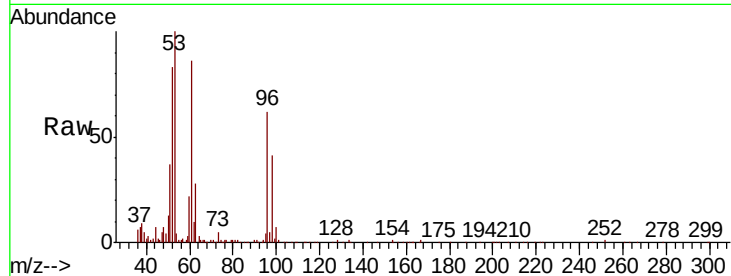
Tgt Ion: 96 Resp: 30256

Ion Ratio Lower Upper

96 100

61 137.8 103.7 155.5

98 65.2 51.0 76.6



#22

Diisopropyl ether

Concen: 5.444 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Tgt Ion: 45 Resp: 92983

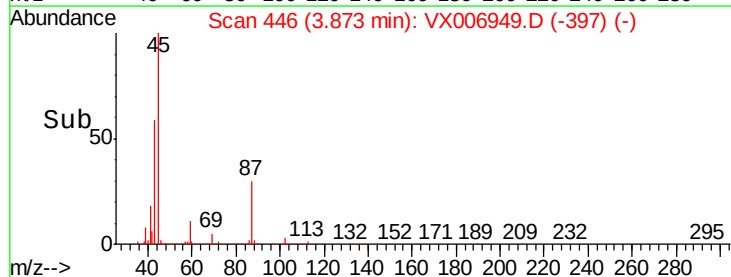
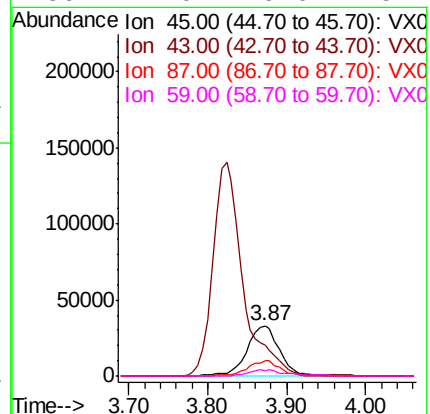
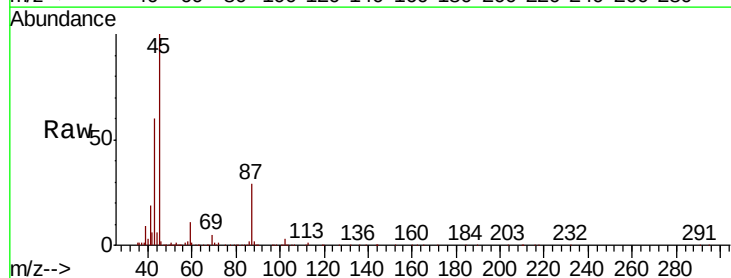
Ion Ratio Lower Upper

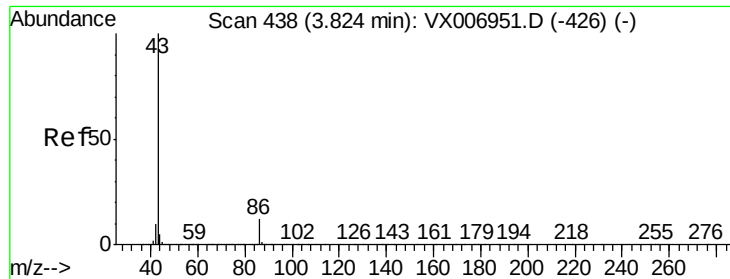
45 100

43 59.1 51.2 76.8

87 29.4 25.8 38.6

59 11.0 9.0 13.4





#23

Vinyl Acetate

Concen: 25.942 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

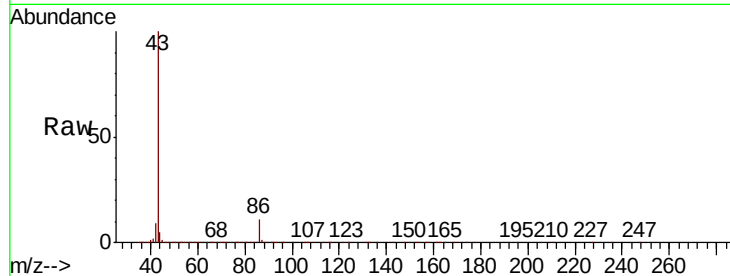
VSTDIC005

Tgt Ion: 43 Resp: 373660

Ion Ratio Lower Upper

43 100

86 11.2 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

150000

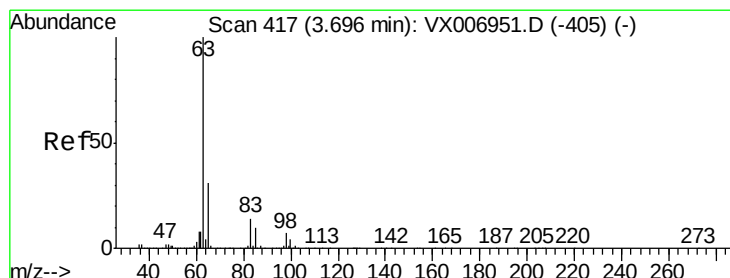
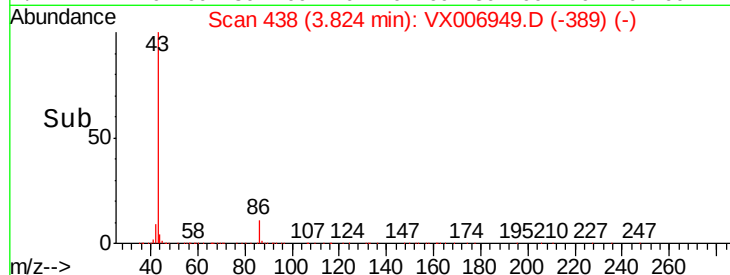
100000

50000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 5.449 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

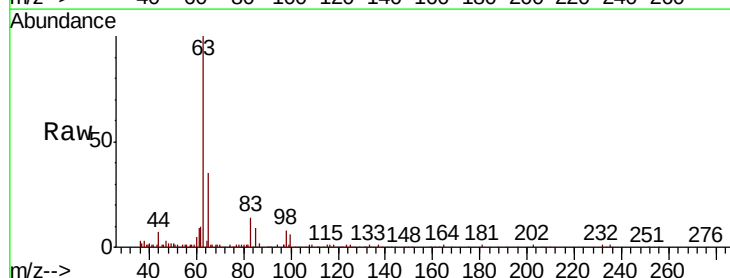
Tgt Ion: 63 Resp: 52040

Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.5

100 5.5 2.4 7.2



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

30000

25000

20000

15000

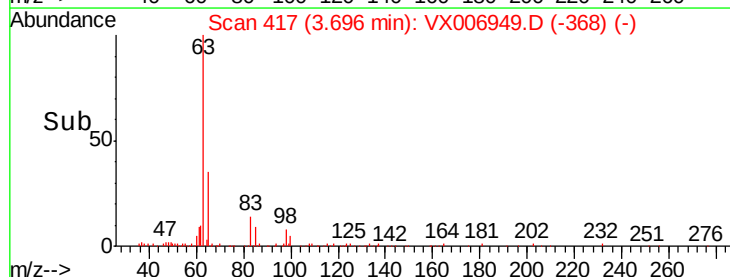
10000

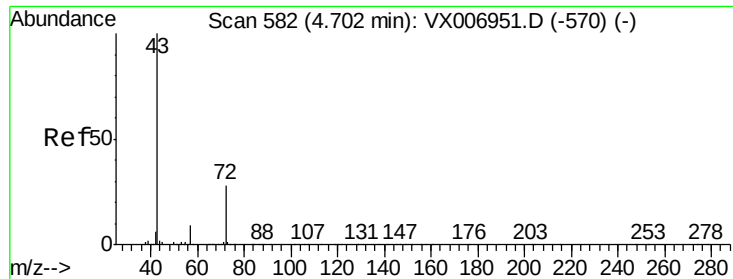
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 27.163 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

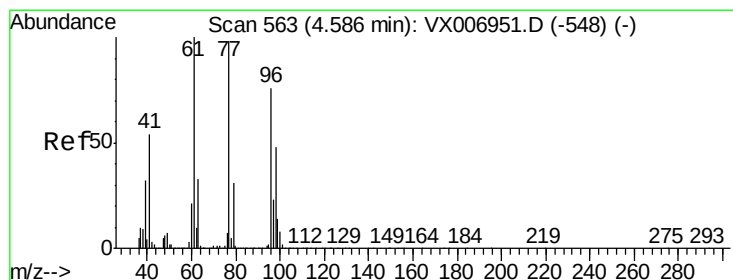
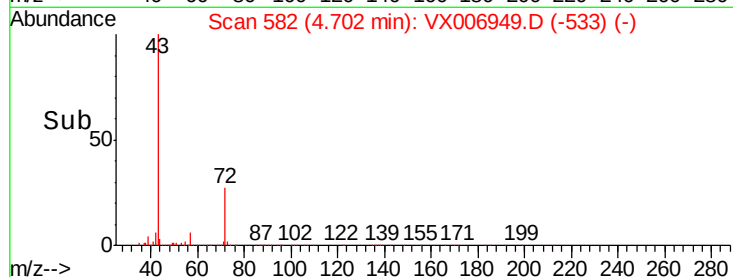
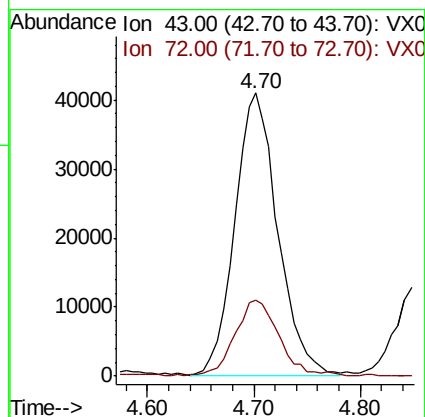
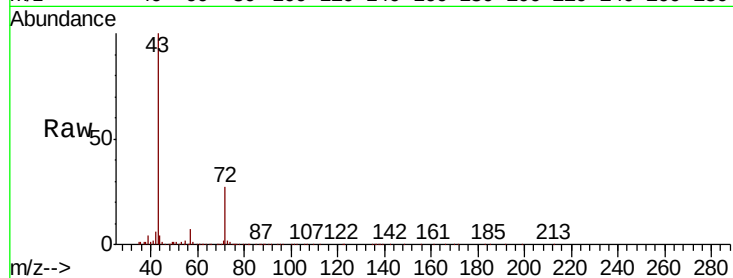
VSTDIC005

Tgt Ion: 43 Resp: 115823

Ion Ratio Lower Upper

43 100

72 26.6 22.4 33.6



#26

2,2-Dichloropropane

Concen: 5.065 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006949.D

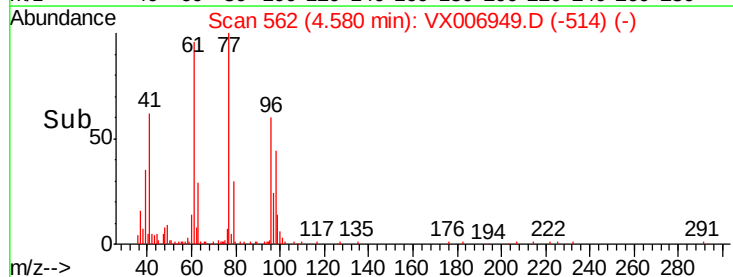
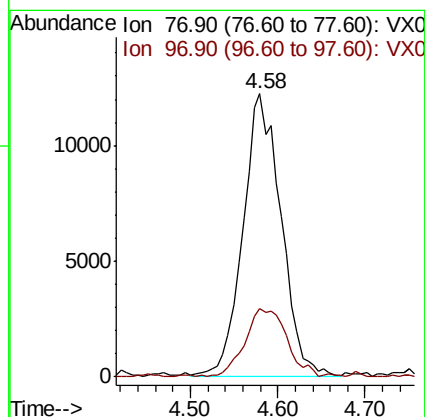
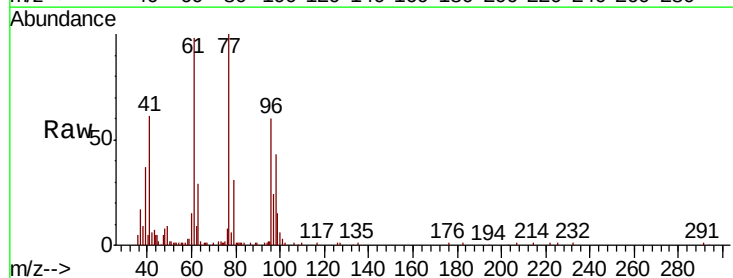
Acq: 08 Jan 2019 11:58

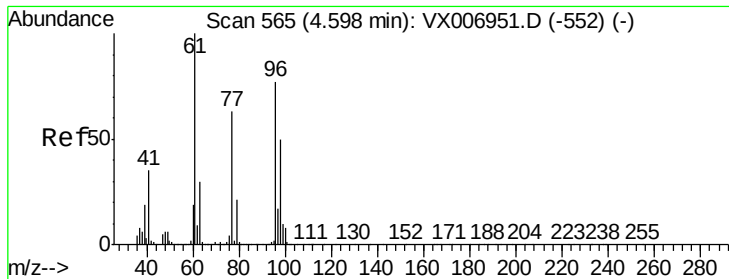
Tgt Ion: 77 Resp: 37195

Ion Ratio Lower Upper

77 100

97 26.6 12.4 37.4



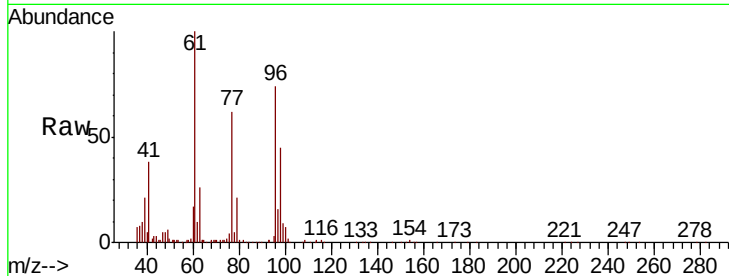


#27

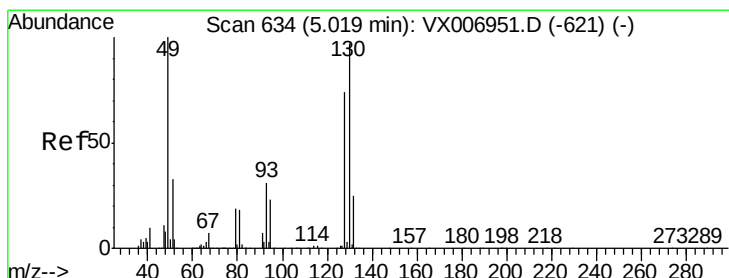
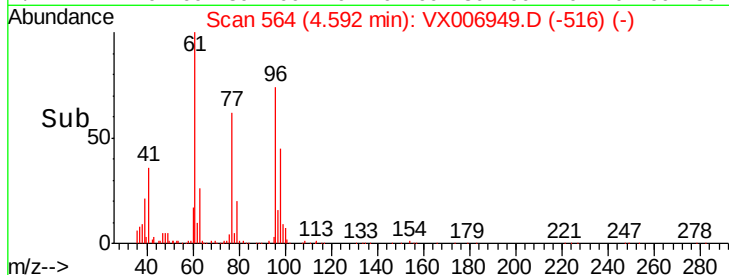
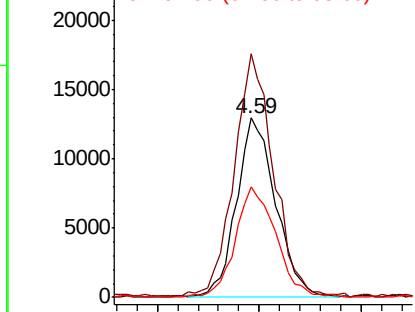
cis-1,2-Dichloroethene
Concen: 5.311 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 34608
Ion Ratio Lower Upper
96 100
61 135.0 0.0 258.6
98 63.8 0.0 132.0



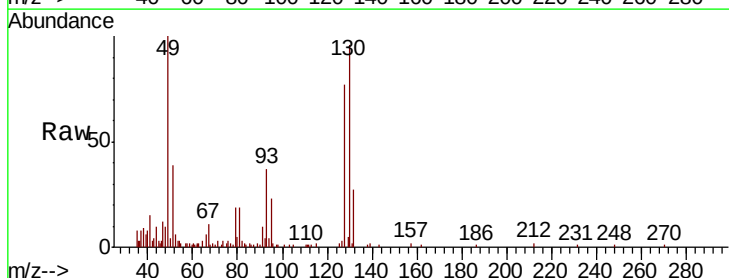
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



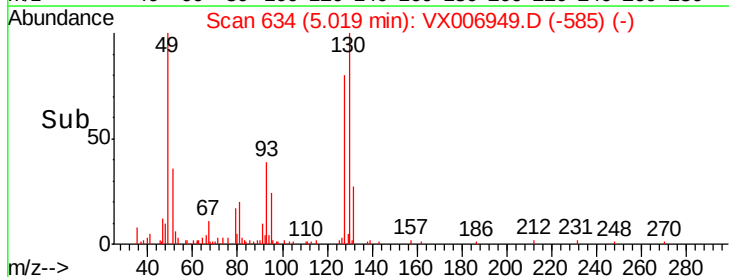
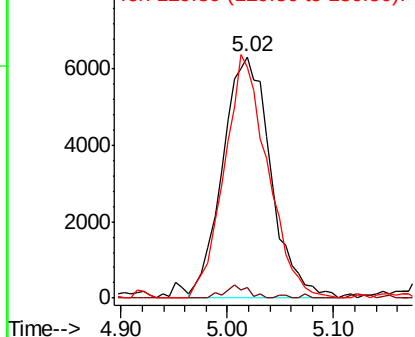
#28

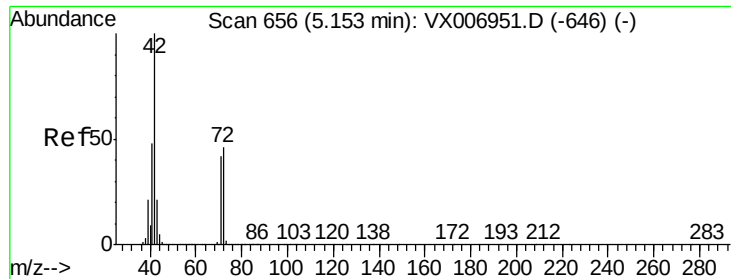
Bromochloromethane
Concen: 4.785 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion: 49 Resp: 20020
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.4
130 91.0 77.7 116.5



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

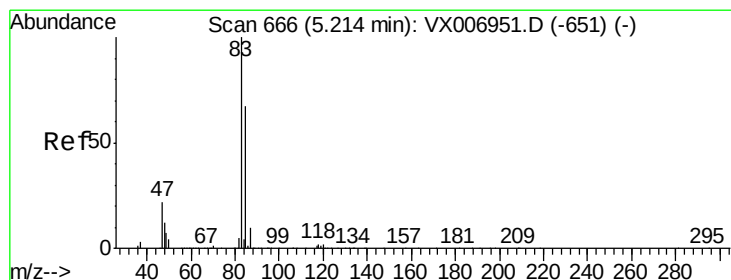
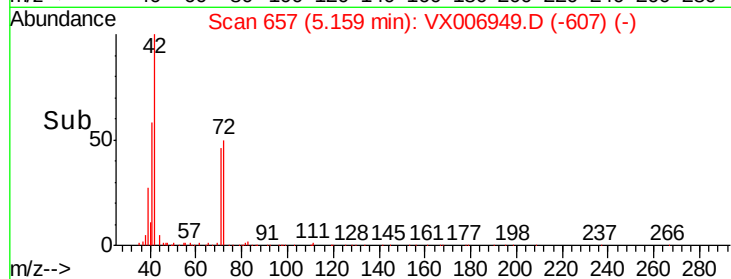
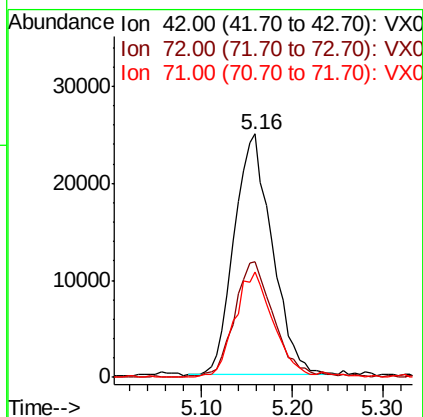
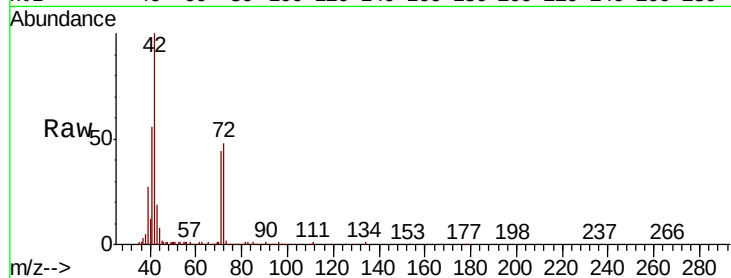




#29
Tetrahydrofuran
Concen: 26.198 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

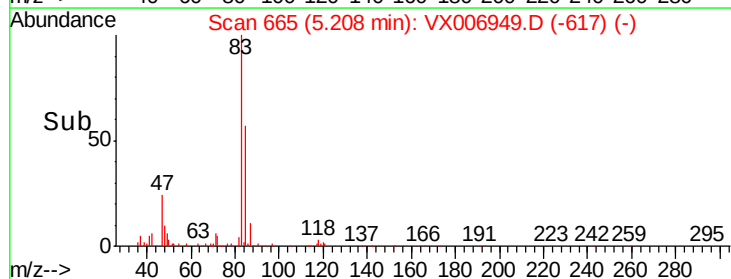
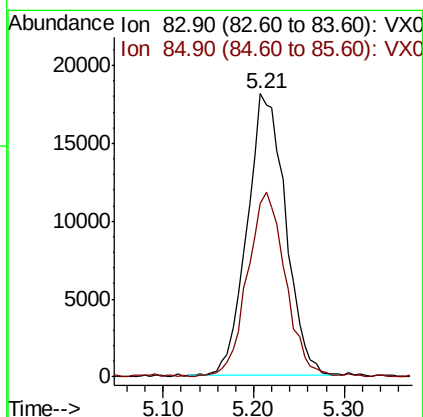
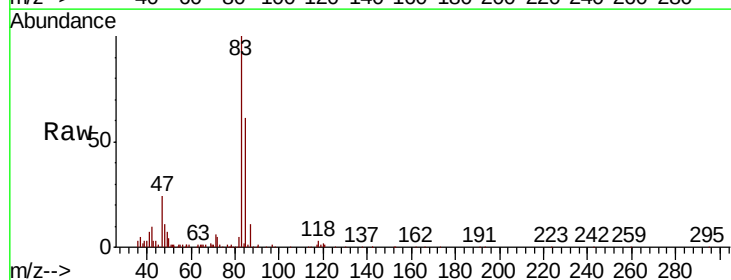
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

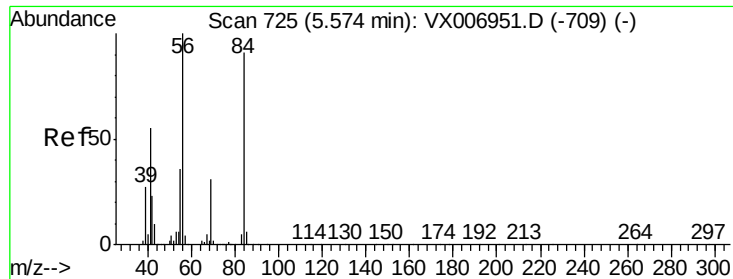
Tgt Ion:	42	Resp:	72595
Ion	Ratio	Lower	Upper
42	100		
72	49.6	38.9	58.3
71	44.0	36.2	54.4



#30
Chloroform
Concen: 5.319 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion:	83	Resp:	53182
Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.2	76.8

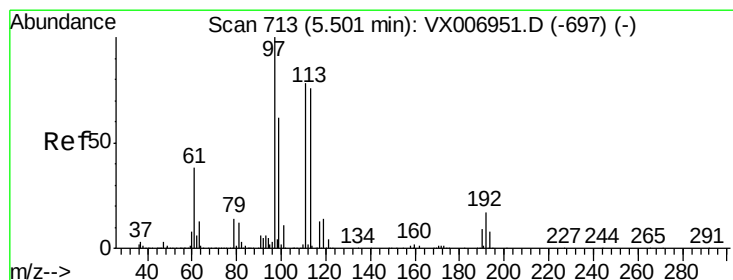
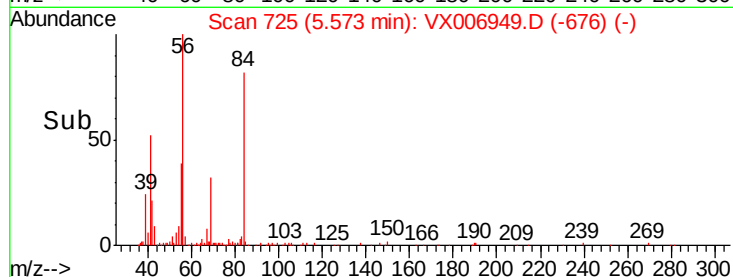
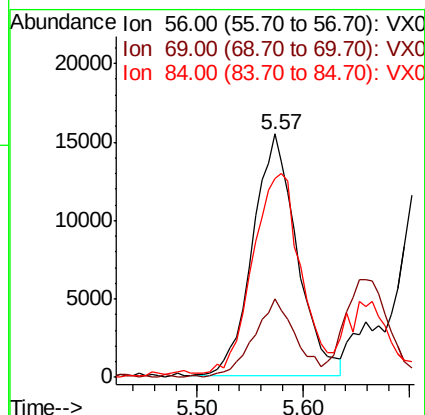
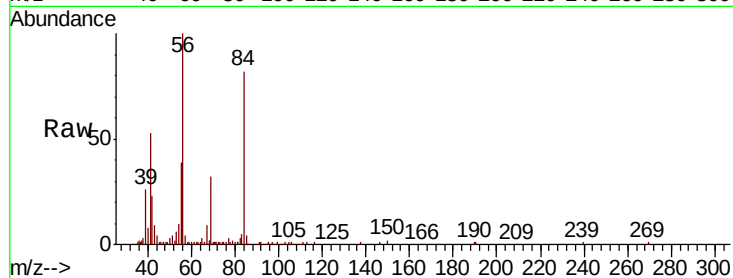




#31
Cyclohexane
Concen: 5.300 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

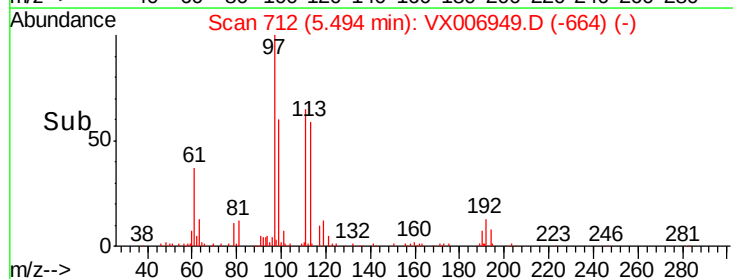
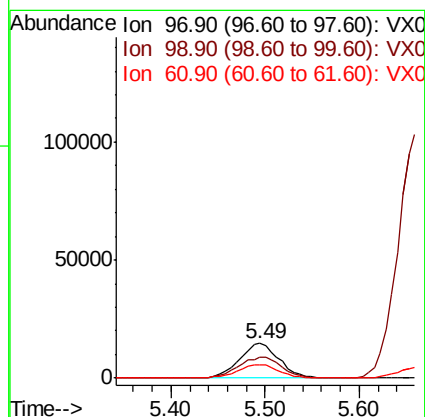
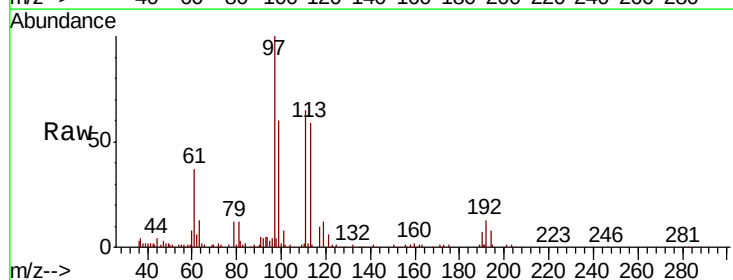
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

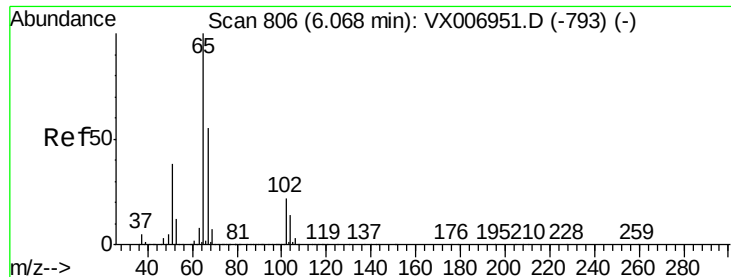
Tgt Ion: 56 Resp: 45048
Ion Ratio Lower Upper
56 100
69 30.8 24.4 36.6
84 80.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 5.085 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion: 97 Resp: 43094
Ion Ratio Lower Upper
97 100
99 66.0 51.7 77.5
61 41.0 31.3 46.9

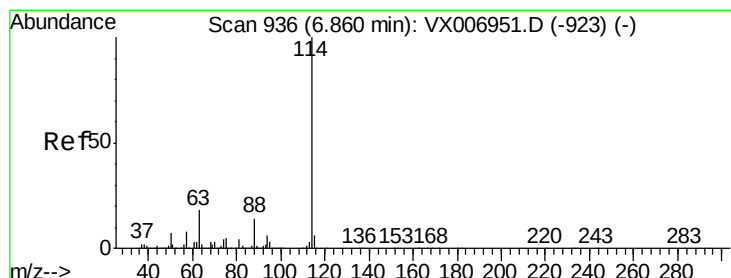
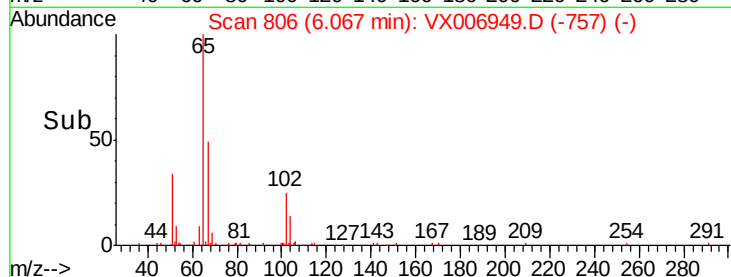
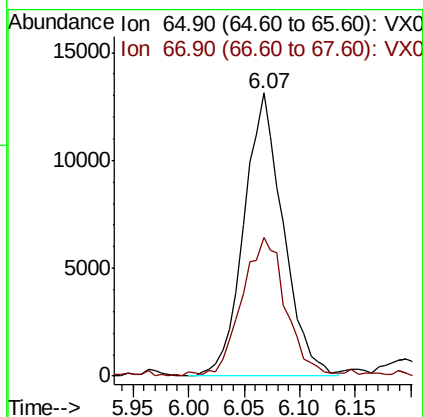
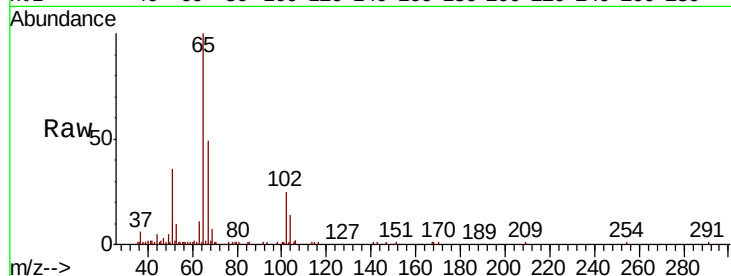




#33
 1,2-Dichloroethane-d4
 Concen: 5.350 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

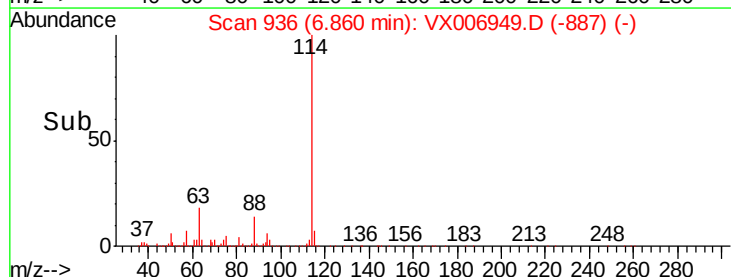
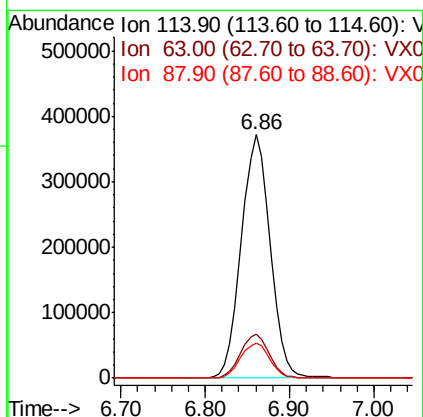
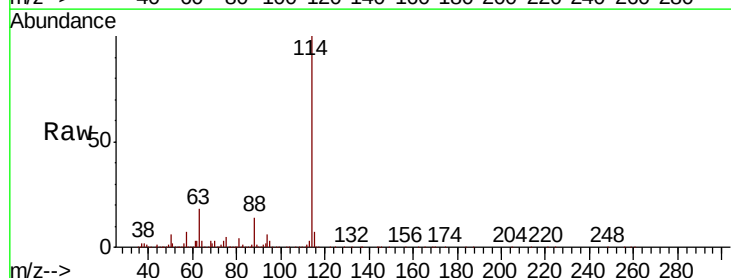
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

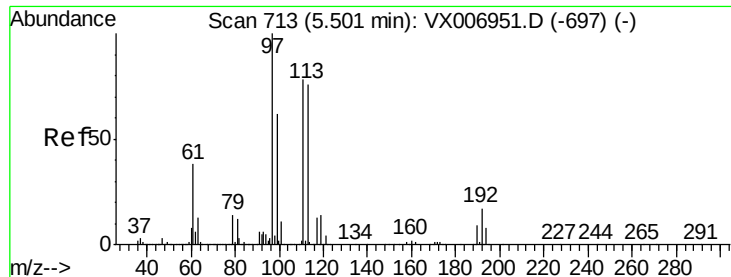
Tgt Ion: 65 Resp: 32249
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Tgt Ion: 114 Resp: 865972
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.8
 88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 5.105 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

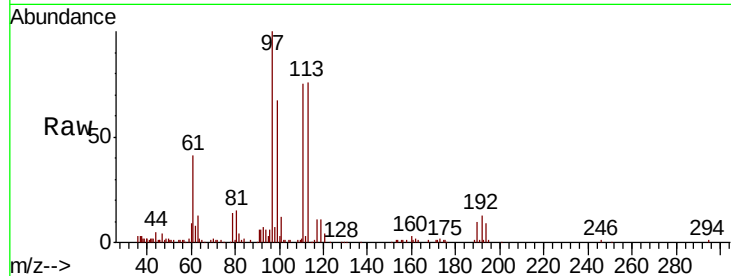
Tgt Ion:113 Resp: 28313

Ion Ratio Lower Upper

113 100

111 100.8 81.6 122.4

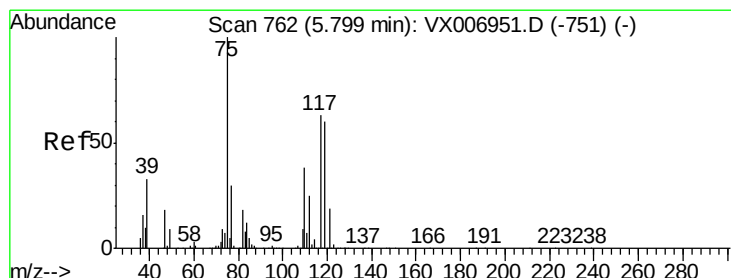
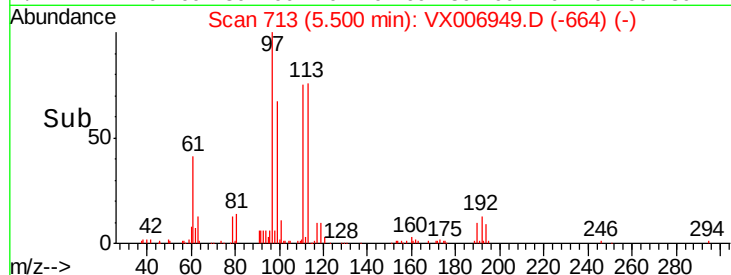
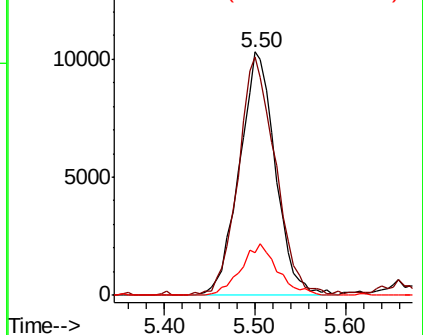
192 21.3 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.136 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

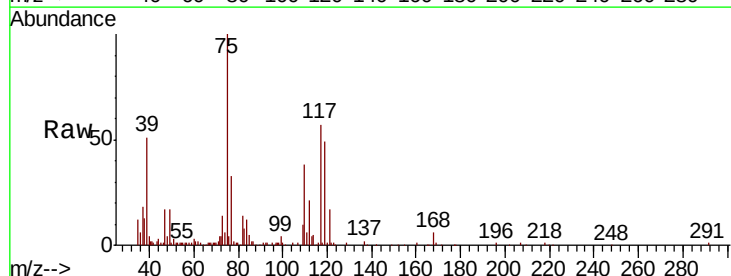
Tgt Ion: 75 Resp: 38672

Ion Ratio Lower Upper

75 100

110 41.6 20.2 60.5

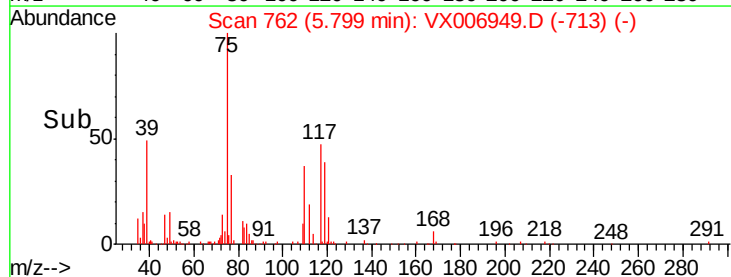
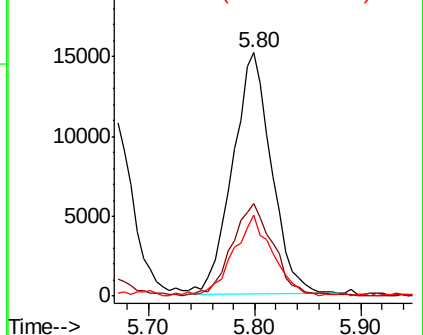
77 33.5 24.8 37.2

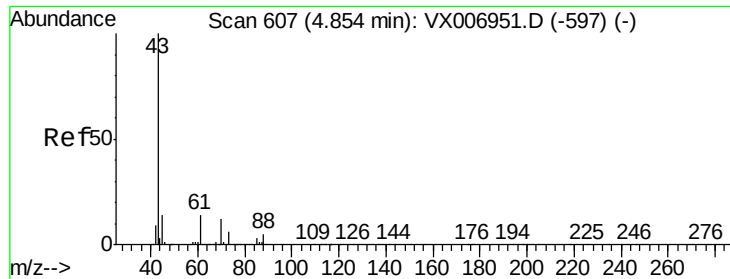


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

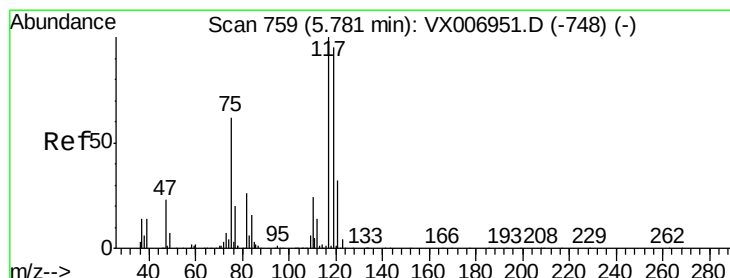
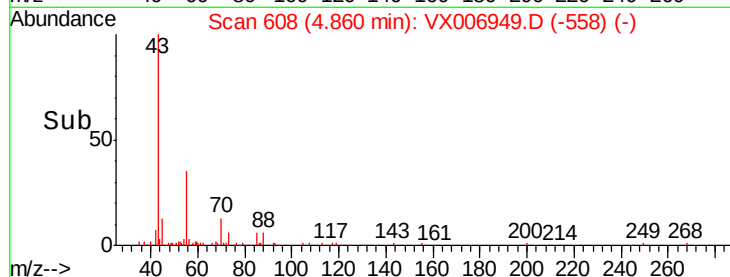
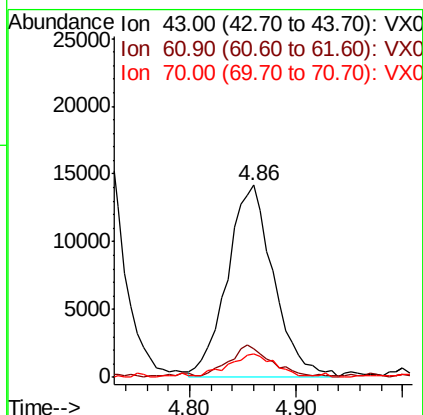
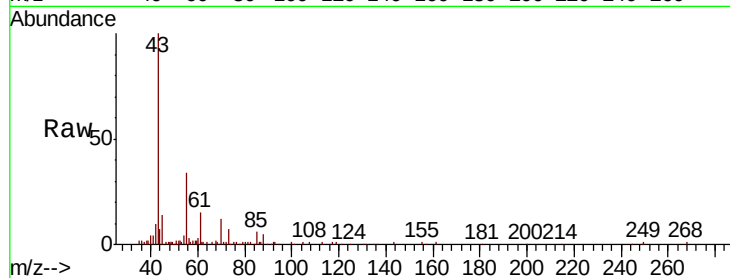




#37
Ethyl Acetate
Concen: 5.346 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

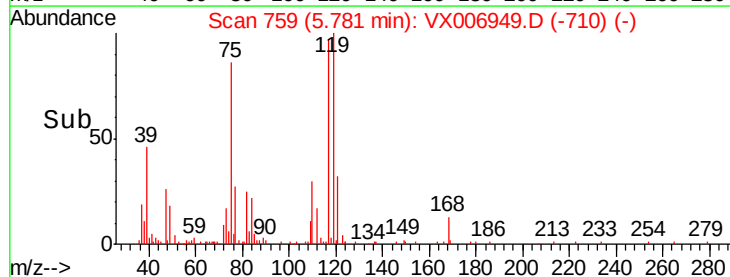
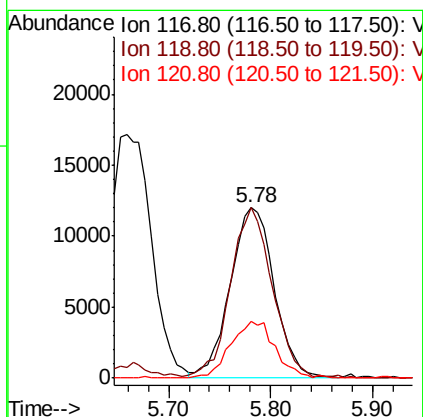
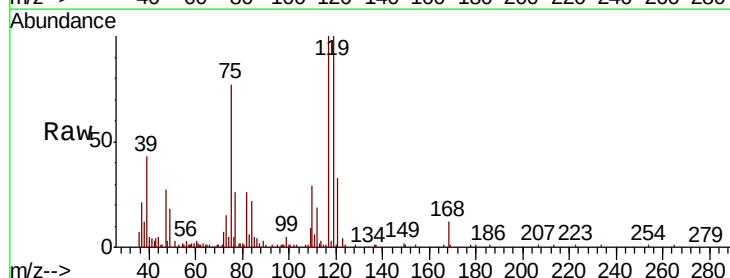
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

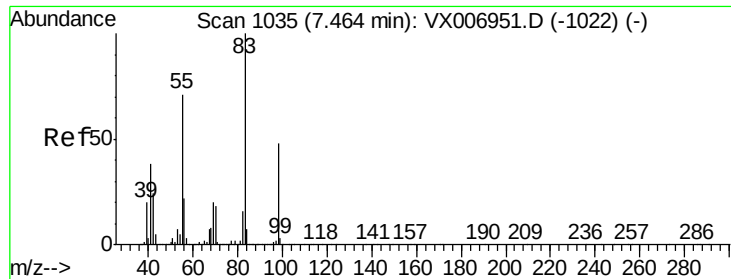
Tgt Ion:	43	Resp:	43153
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.9	17.9
70	11.4	9.7	14.5



#38
Carbon Tetrachloride
Concen: 4.768 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion:	117	Resp:	36118
Ion	Ratio	Lower	Upper
117	100		
119	98.9	79.4	119.2
121	33.0	24.0	36.0

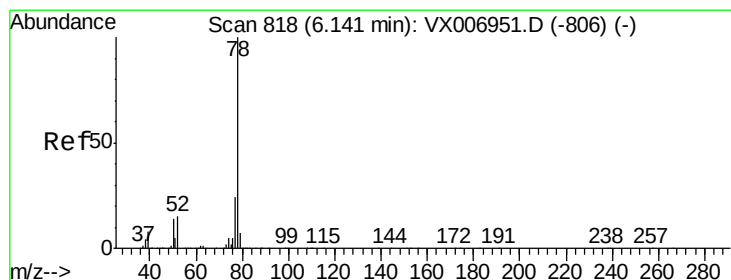
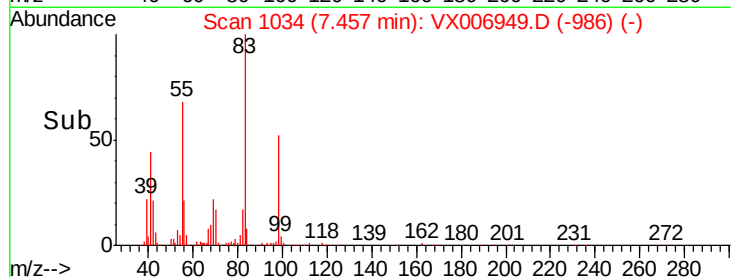
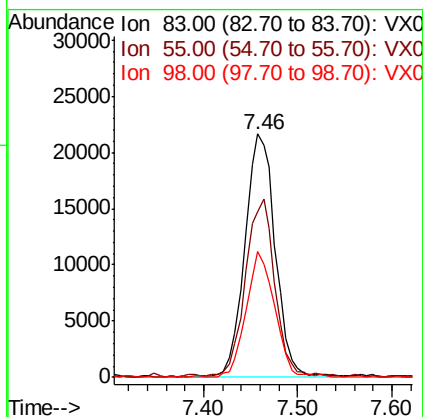
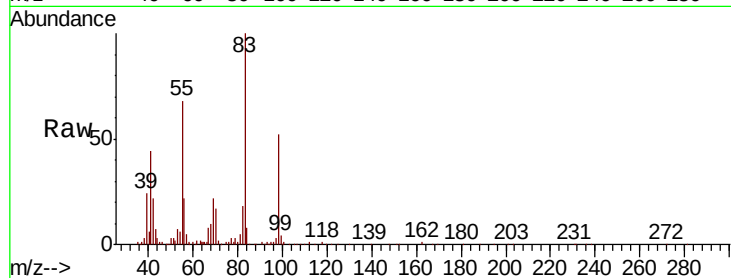




#39
Methylcyclohexane
Concen: 5.111 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

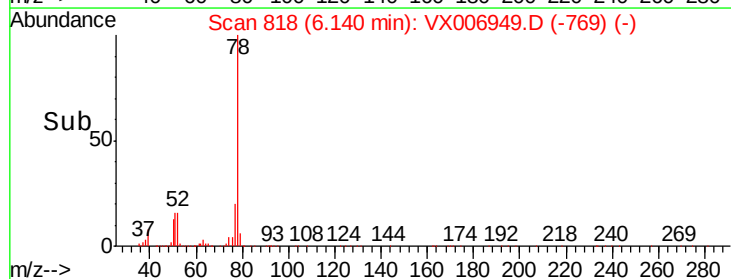
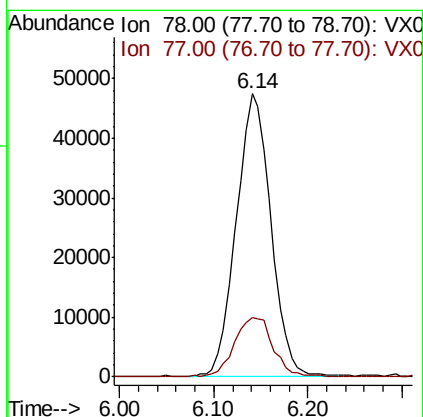
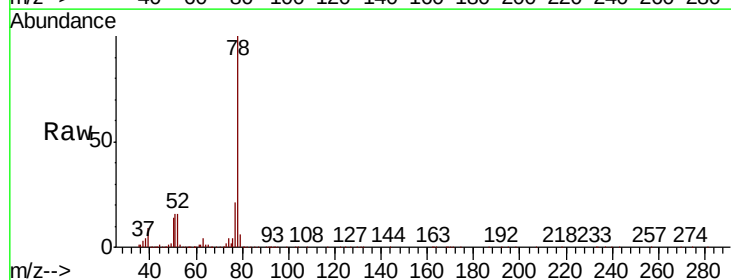
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

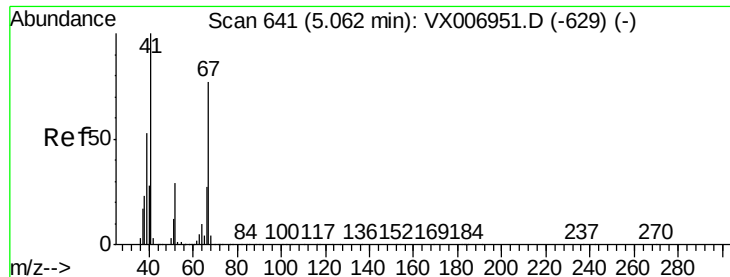
Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.3	54.9	82.3
98	51.5	37.9	56.9



#40
Benzene
Concen: 5.307 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.1	19.2	28.8

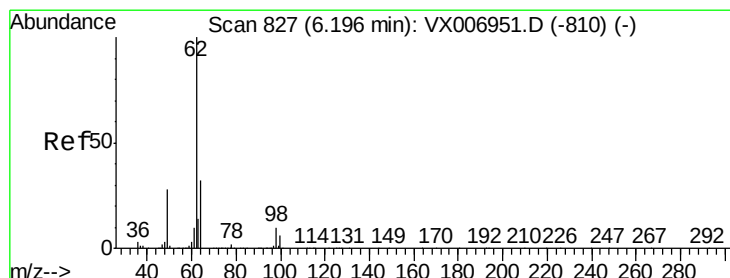
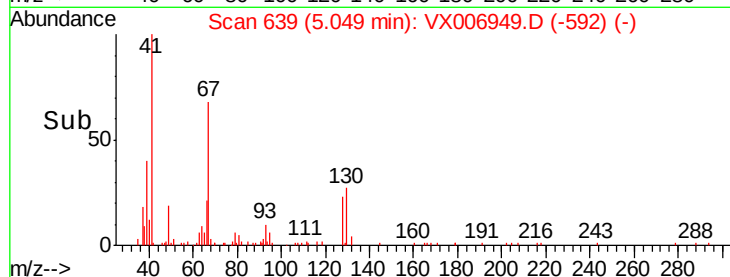
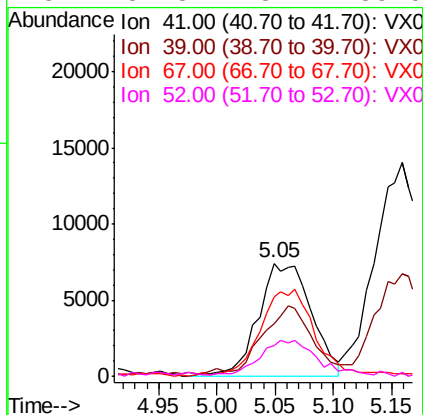
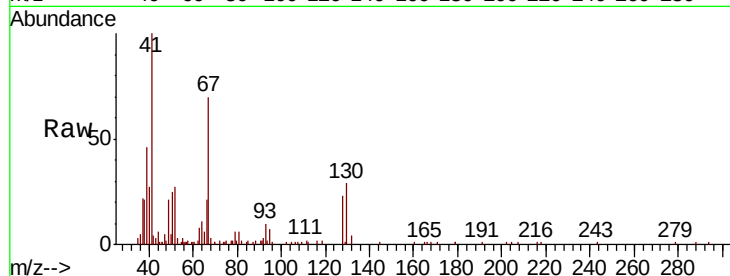




#41
Methacrylonitrile
Concen: 5.061 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

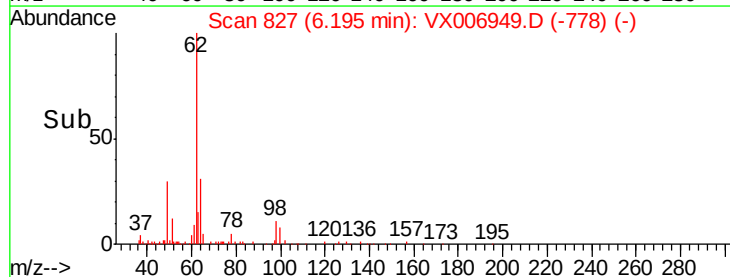
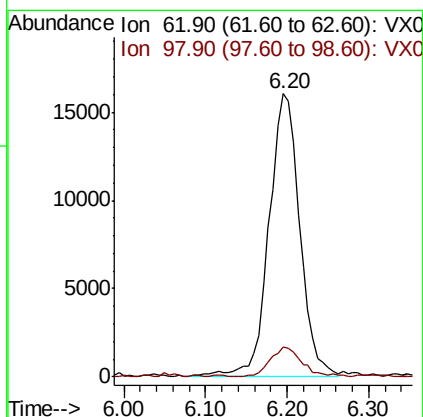
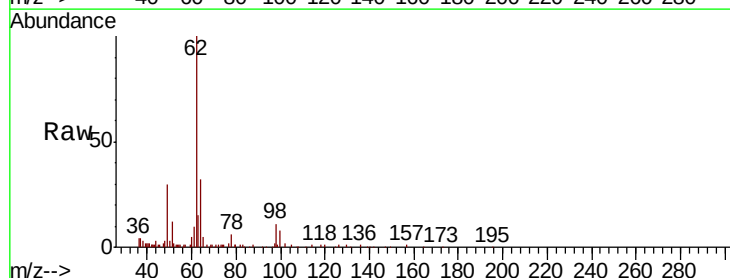
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

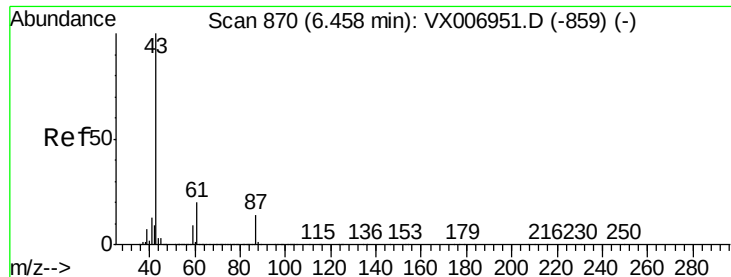
Tgt Ion:	41	Resp:	23535
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.8	64.2
67	74.5	62.1	93.1
52	32.8	23.4	35.0



#42
1,2-Dichloroethane
Concen: 5.297 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion:	62	Resp:	42049
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.2





#43

Isopropyl Acetate

Concen: 5.055 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

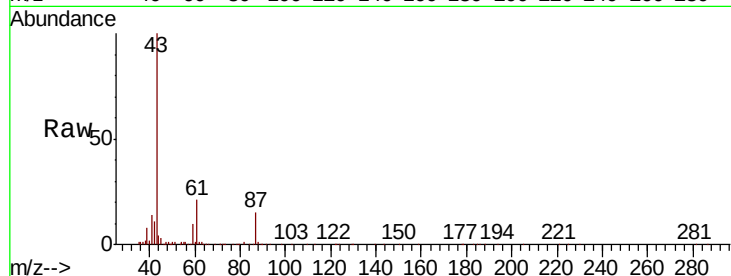
Tgt Ion: 43 Resp: 64365

Ion Ratio Lower Upper

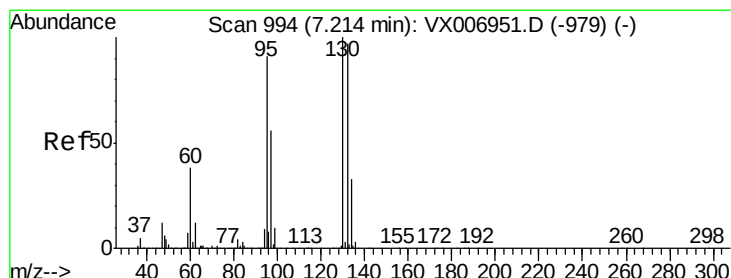
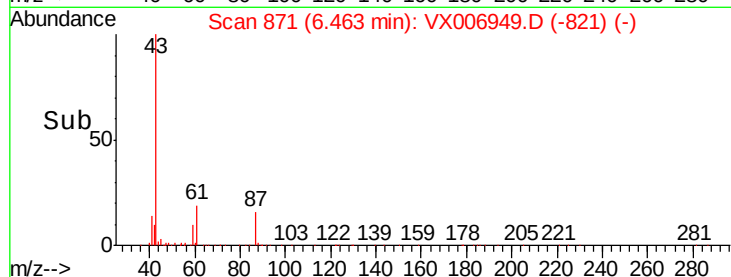
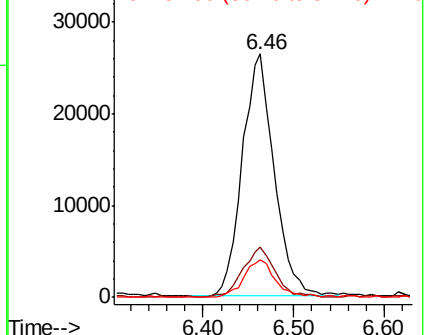
43 100

61 21.0 16.8 25.2

87 15.2 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.186 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX006949.D

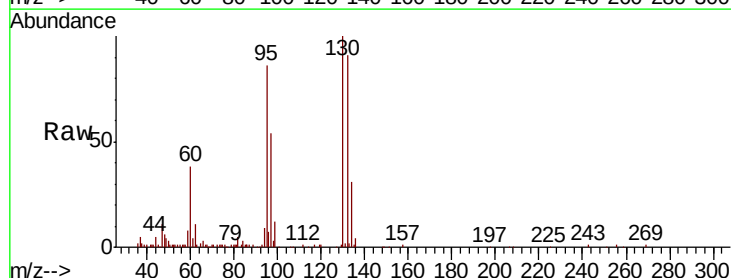
Acq: 08 Jan 2019 11:58

Tgt Ion: 130 Resp: 35703

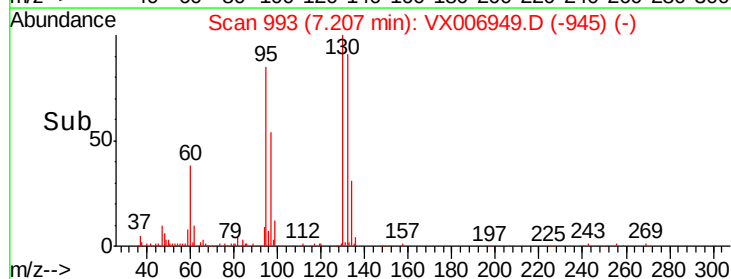
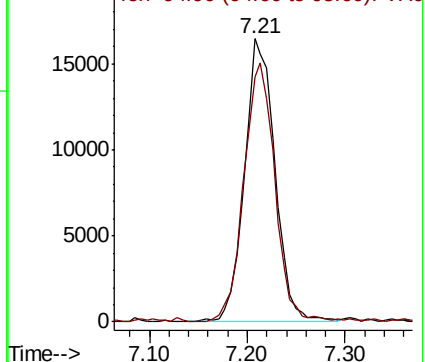
Ion Ratio Lower Upper

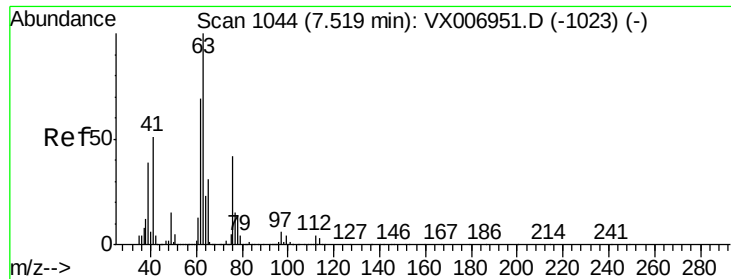
130 100

95 86.4 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 5.463 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

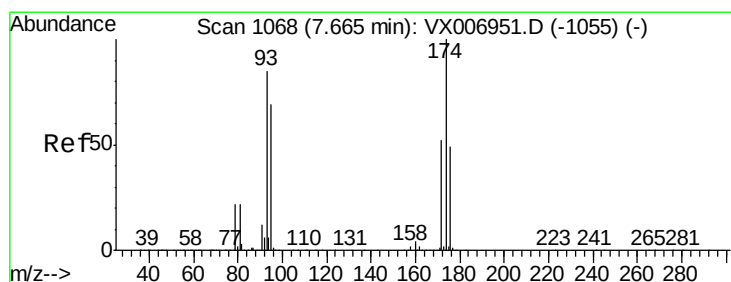
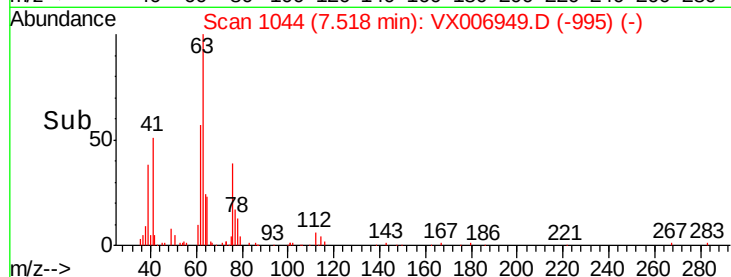
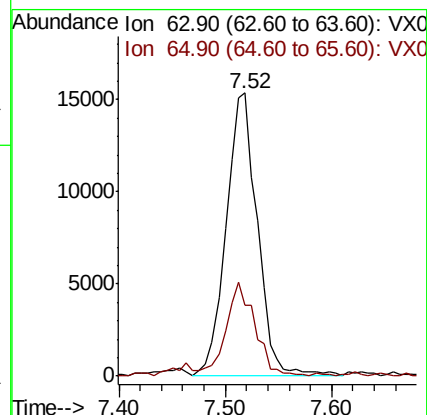
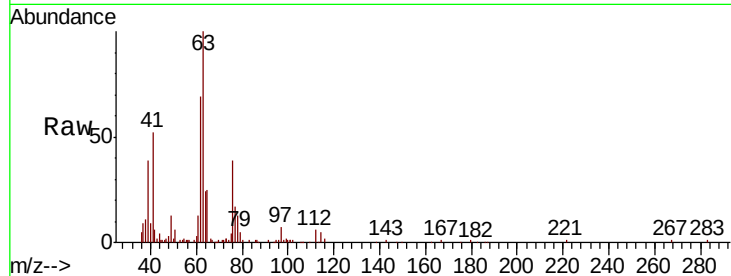
VSTDIC005

Tgt Ion: 63 Resp: 31554

Ion Ratio Lower Upper

63 100

65 24.3 25.4 38.0#



#46

Dibromomethane

Concen: 4.945 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

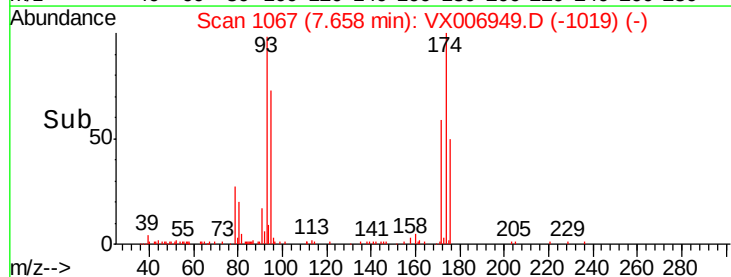
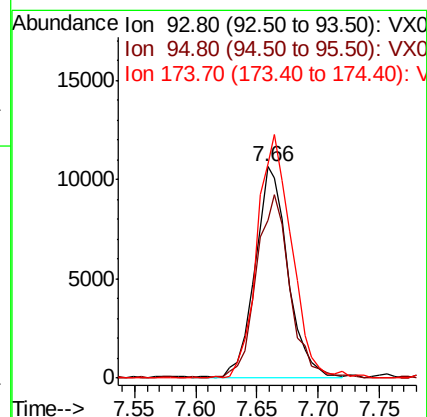
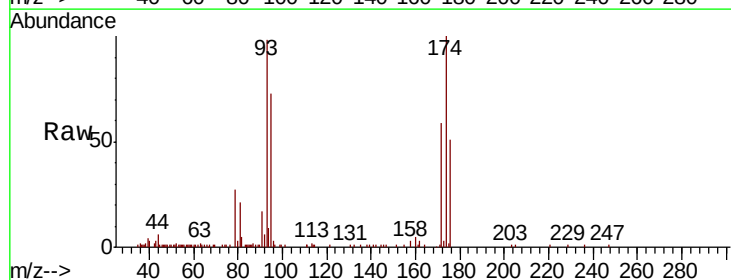
Tgt Ion: 93 Resp: 20072

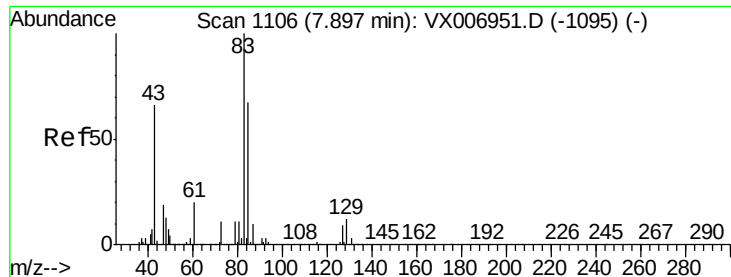
Ion Ratio Lower Upper

93 100

95 88.5 66.2 99.4

174 120.8 91.0 136.4





#47

Bromodichloromethane

Concen: 4.697 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

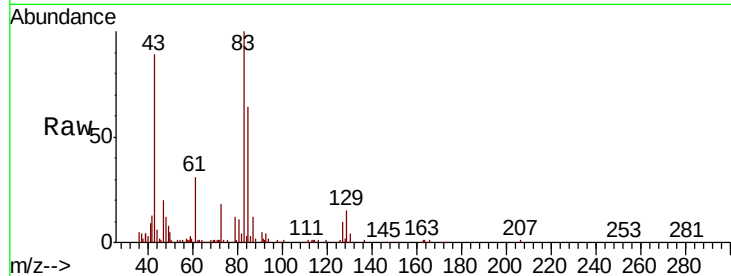
Tgt Ion: 83 Resp: 32454

Ion Ratio Lower Upper

83 100

85 63.1 53.2 79.8

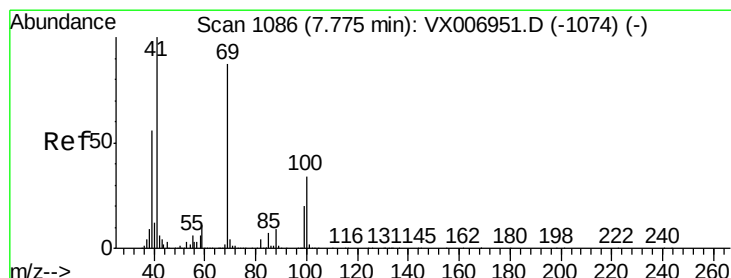
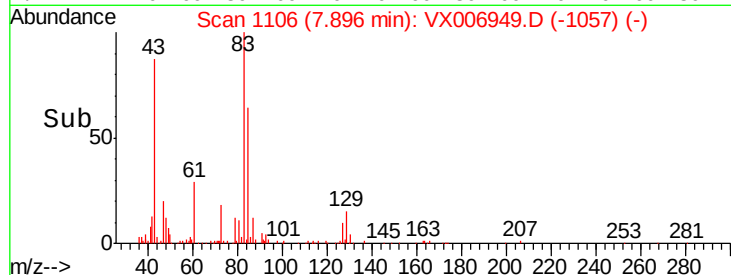
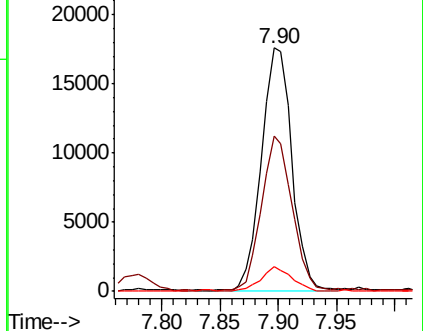
127 10.1 7.8 11.6



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: 5.036 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

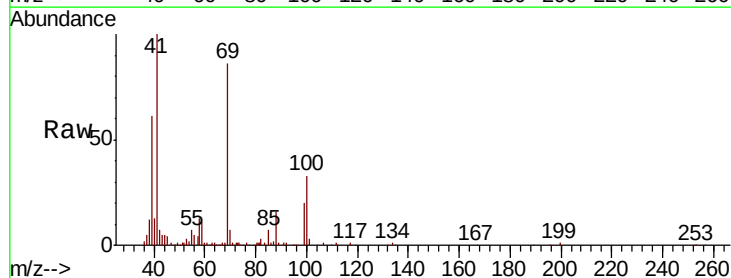
Tgt Ion: 41 Resp: 32928

Ion Ratio Lower Upper

41 100

69 90.7 72.4 108.6

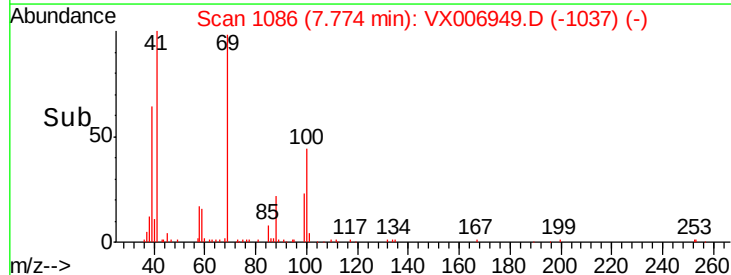
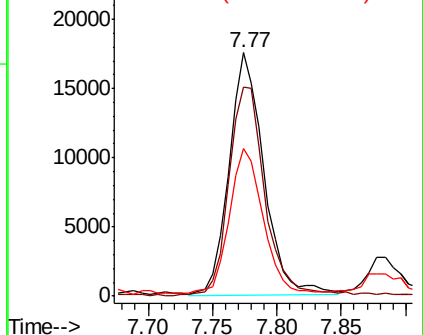
39 57.8 45.8 68.8

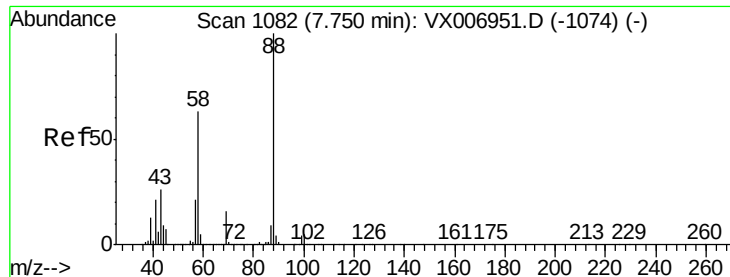


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 105.643 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

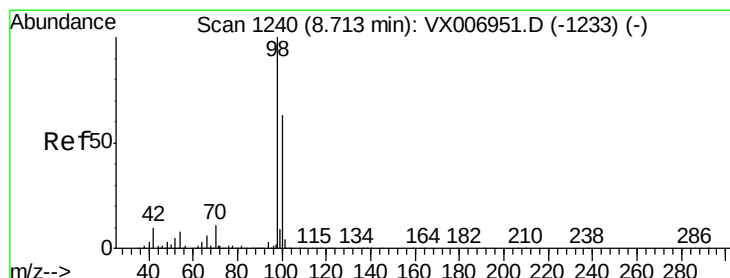
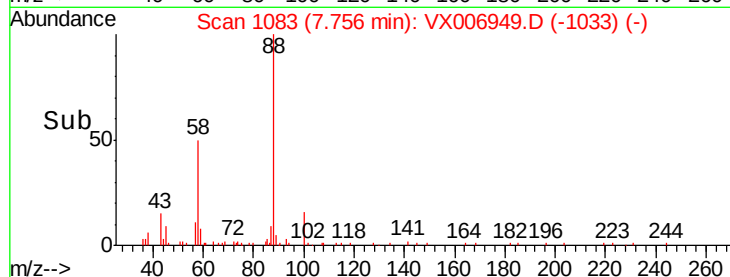
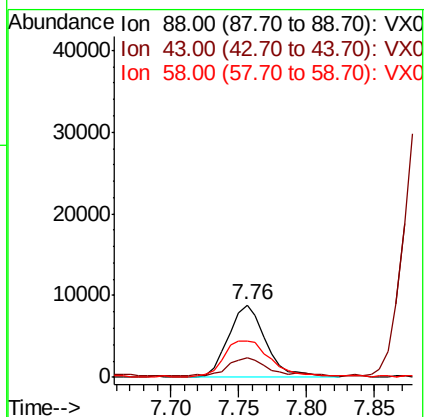
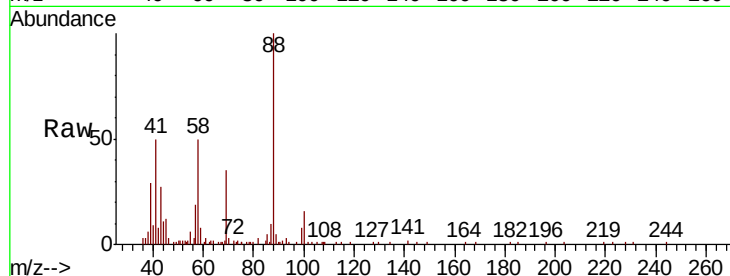
Tgt Ion: 88 Resp: 16920

Ion Ratio Lower Upper

88 100

43 28.0 22.2 33.4

58 66.3 51.0 76.4



#50

Toluene-d8

Concen: 5.054 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006949.D

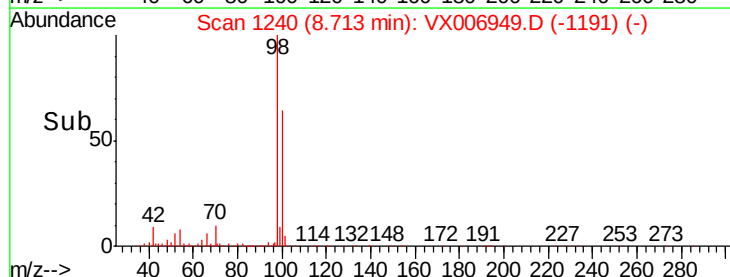
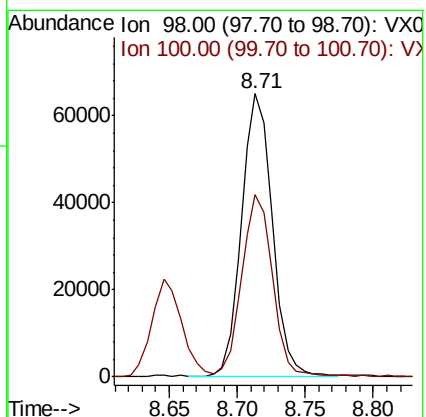
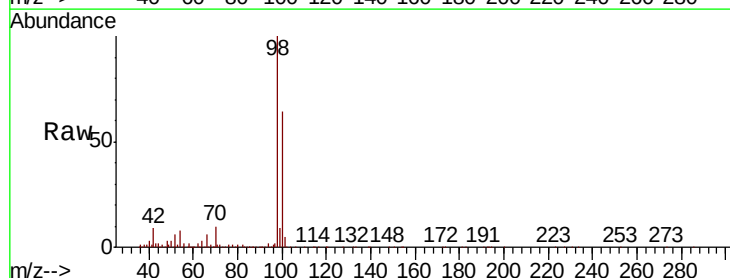
Acq: 08 Jan 2019 11:58

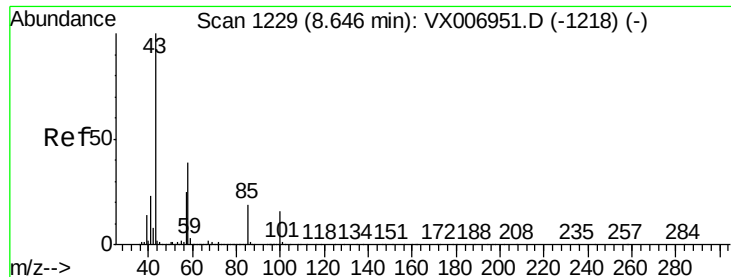
Tgt Ion: 98 Resp: 102583

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 25.456 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

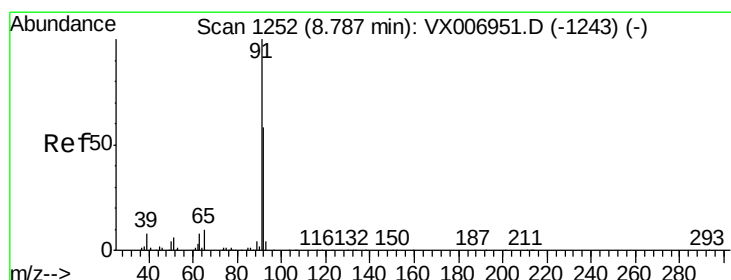
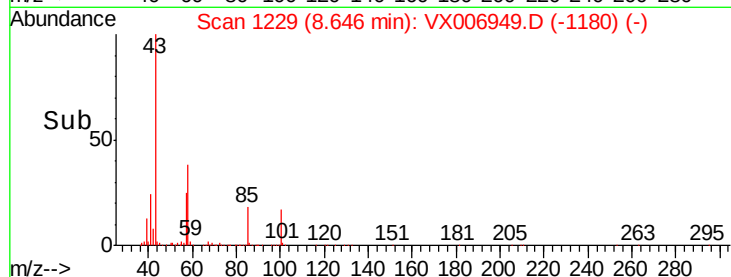
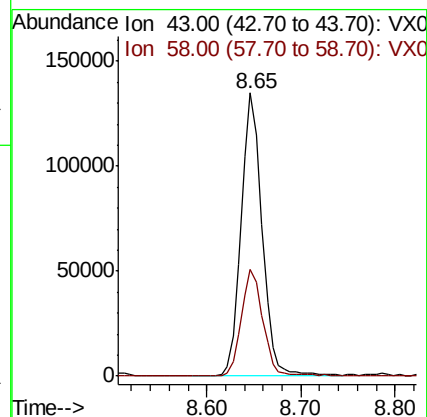
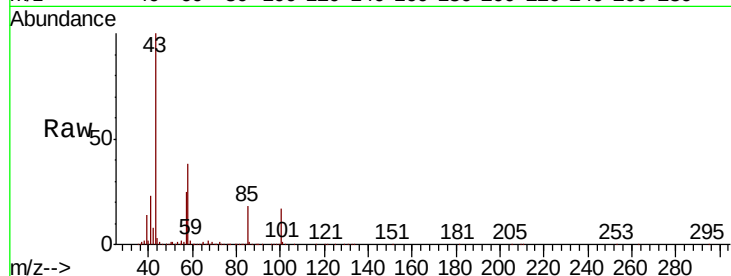
VSTDIC005

Tgt Ion: 43 Resp: 208292

Ion Ratio Lower Upper

43 100

58 38.3 31.8 47.6



#52

Toluene

Concen: 5.297 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006949.D

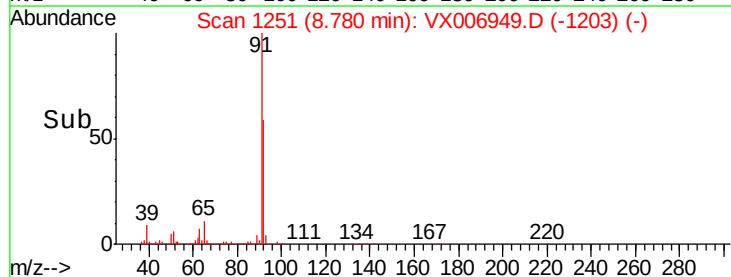
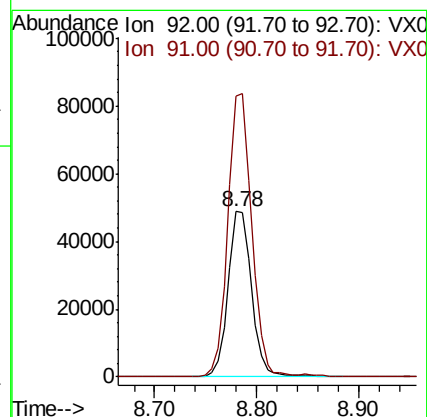
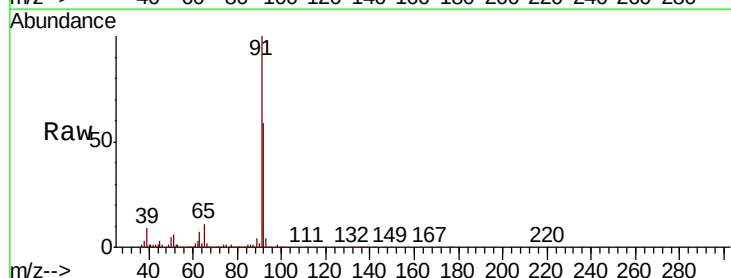
Acq: 08 Jan 2019 11:58

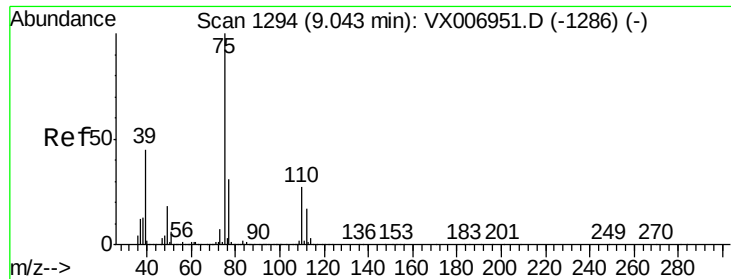
Tgt Ion: 92 Resp: 78214

Ion Ratio Lower Upper

92 100

91 173.9 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 4.469 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

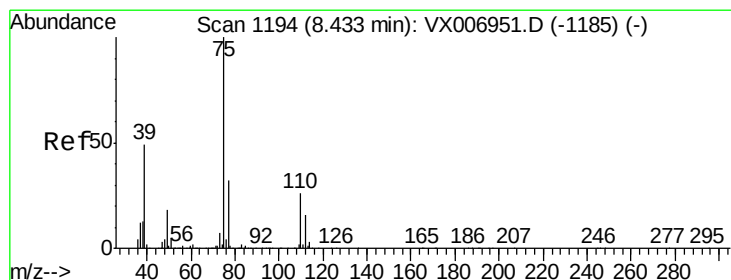
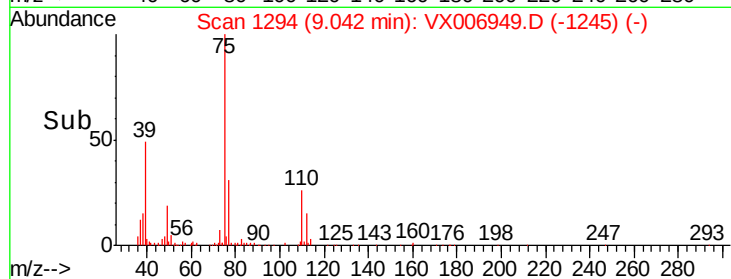
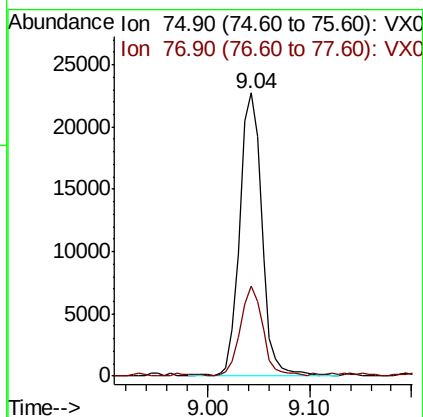
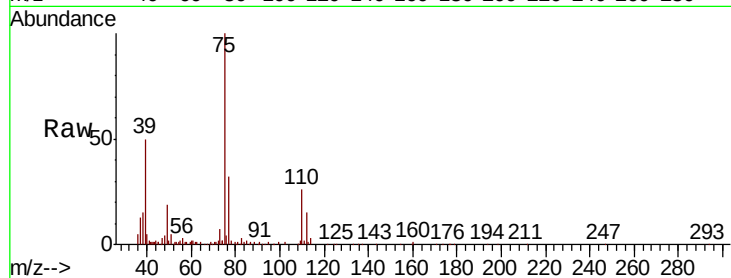
VSTDIC005

Tgt Ion: 75 Resp: 34241

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 4.613 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

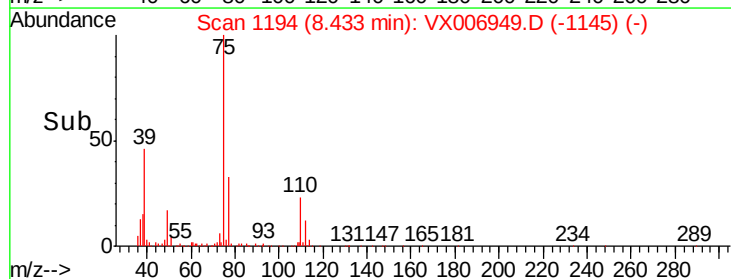
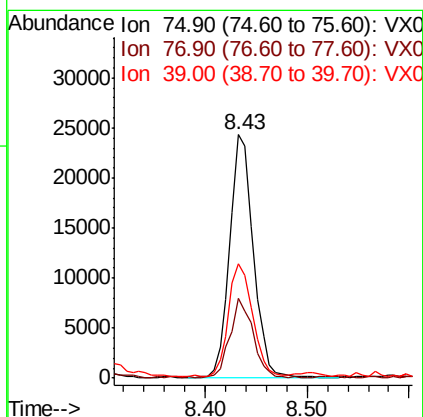
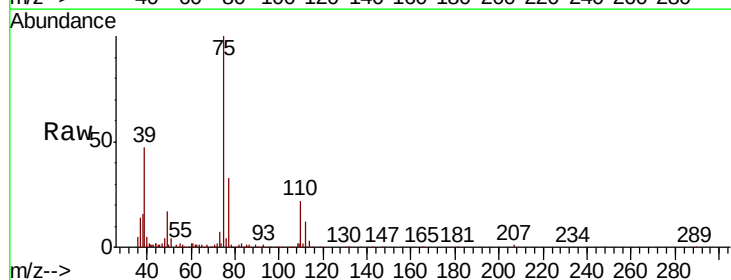
Tgt Ion: 75 Resp: 39030

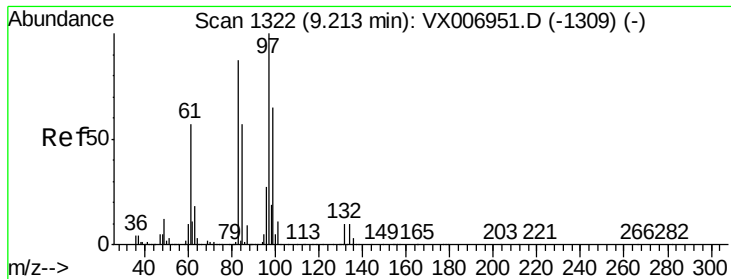
Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

39 46.4 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 5.078 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 30009

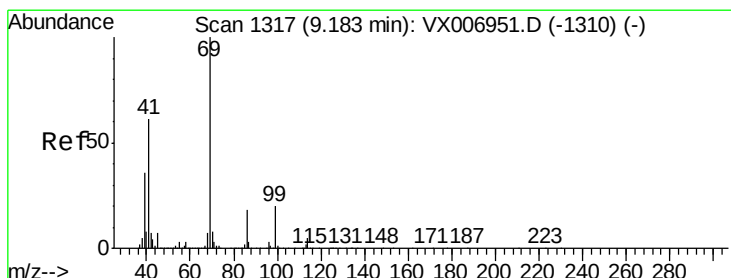
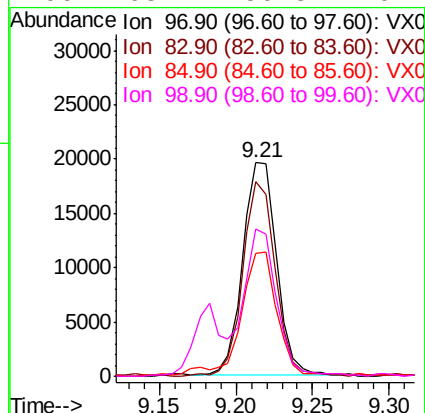
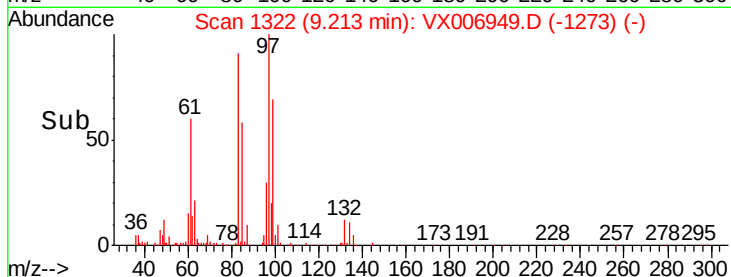
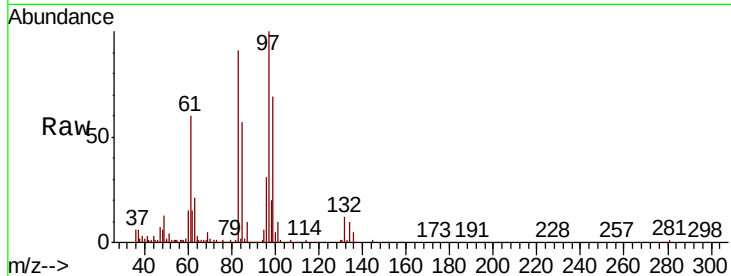
Ion Ratio Lower Upper

97 100

83 91.5 66.6 99.8

85 56.9 42.7 64.1

99 68.2 50.8 76.2



#56

Ethyl methacrylate

Concen: 4.917 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

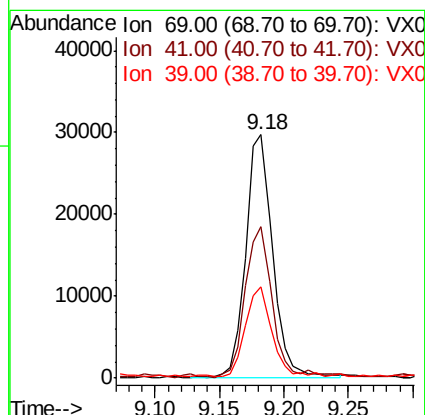
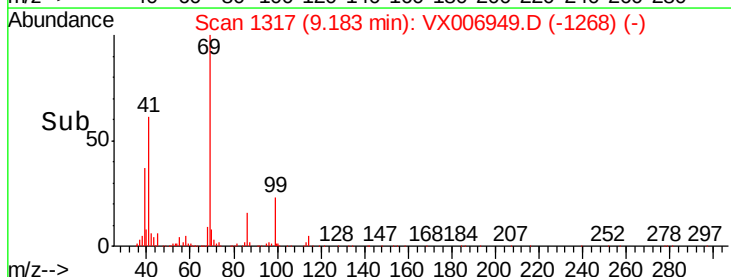
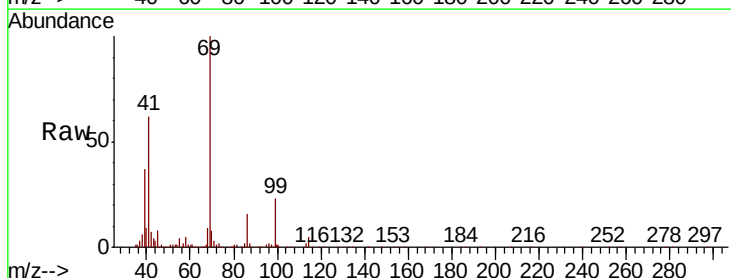
Tgt Ion: 69 Resp: 42421

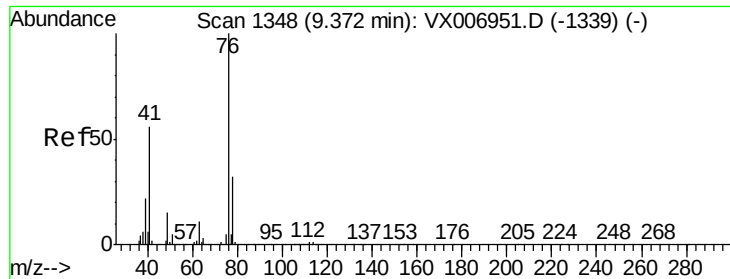
Ion Ratio Lower Upper

69 100

41 63.4 48.7 73.1

39 36.6 27.0 40.6





#57

1,3-Dichloropropane

Concen: 5.307 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

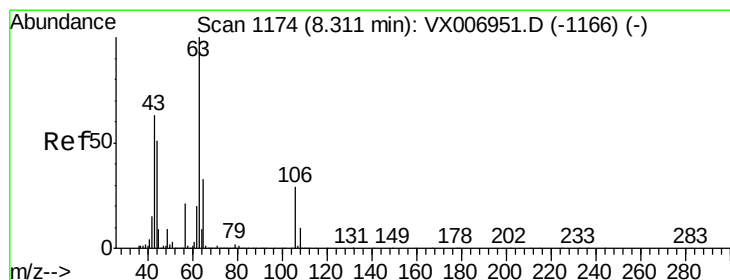
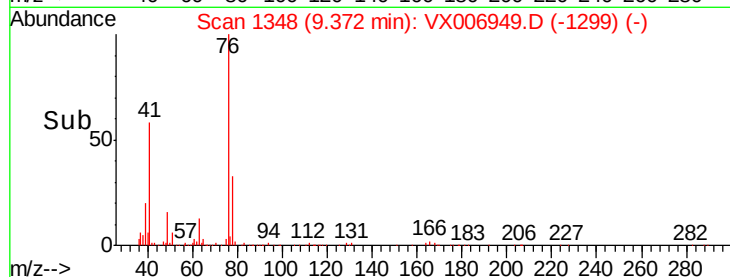
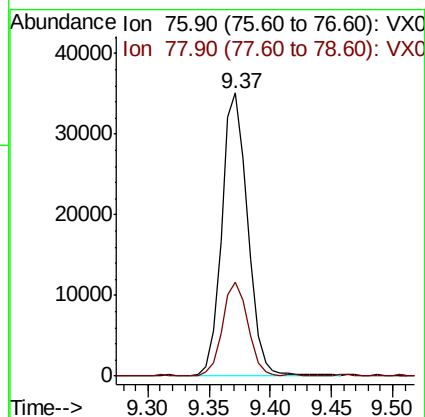
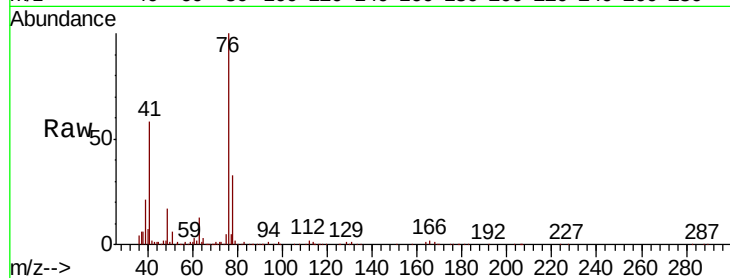
VSTDIC005

Tgt Ion: 76 Resp: 51385

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 25.091 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006949.D

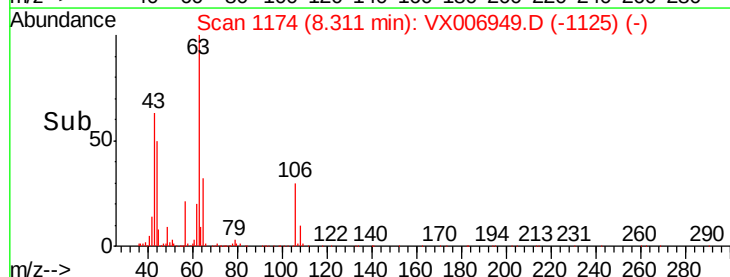
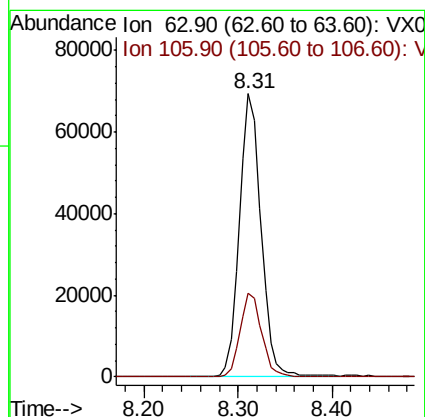
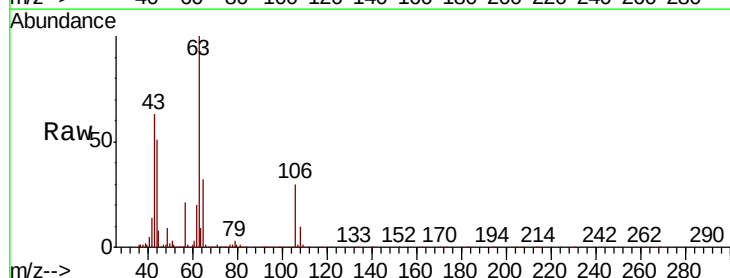
Acq: 08 Jan 2019 11:58

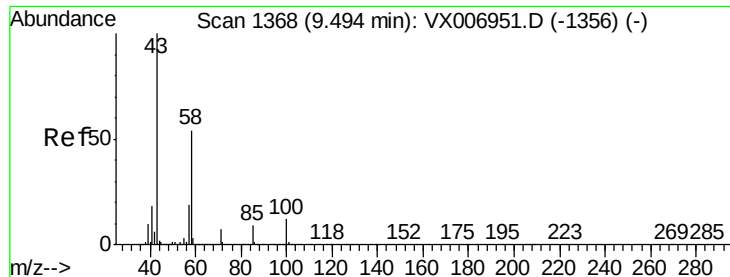
Tgt Ion: 63 Resp: 111309

Ion Ratio Lower Upper

63 100

106 29.6 24.6 36.8

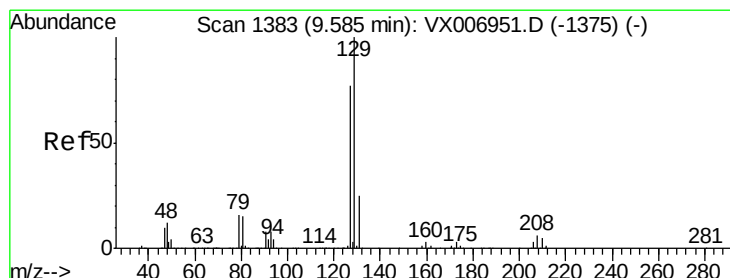
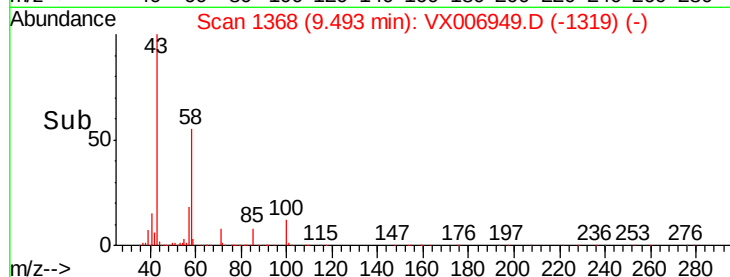
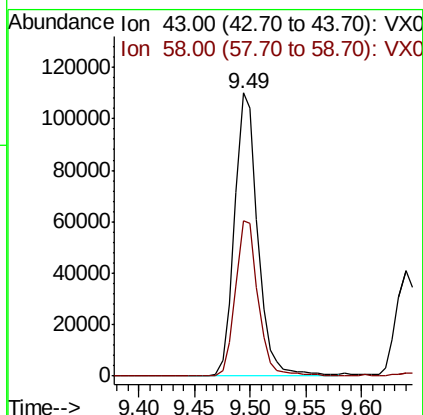
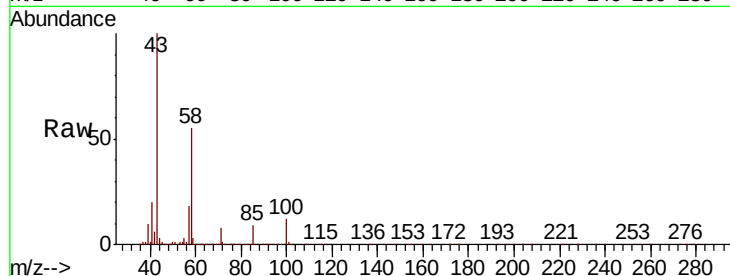




#59
2-Hexanone
Concen: 25.503 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

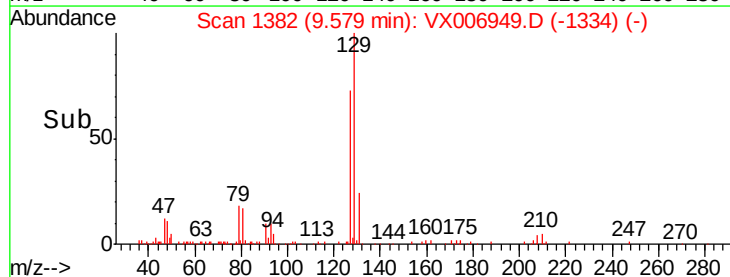
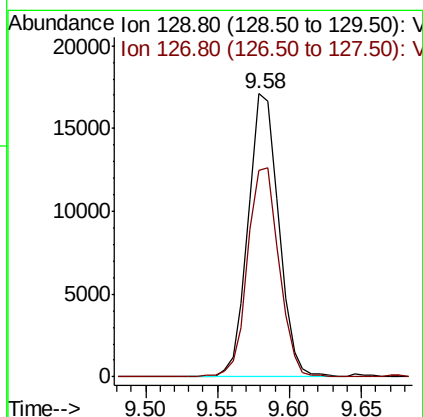
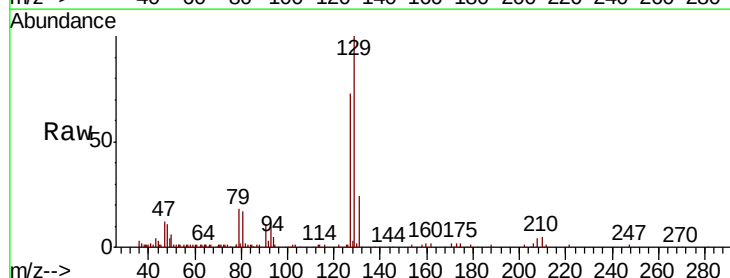
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

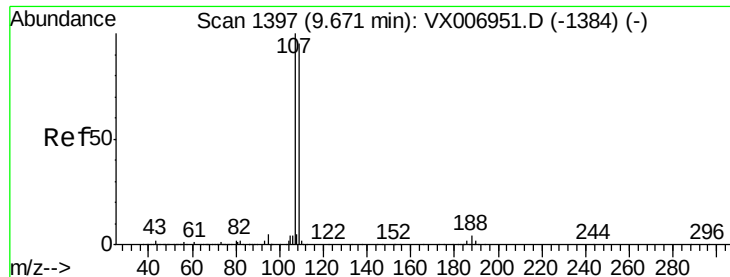
Tgt Ion: 43 Resp: 159019
Ion Ratio Lower Upper
43 100
58 53.9 27.7 83.1



#60
Dibromochloromethane
Concen: 4.362 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion: 129 Resp: 25034
Ion Ratio Lower Upper
129 100
127 75.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 5.099 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

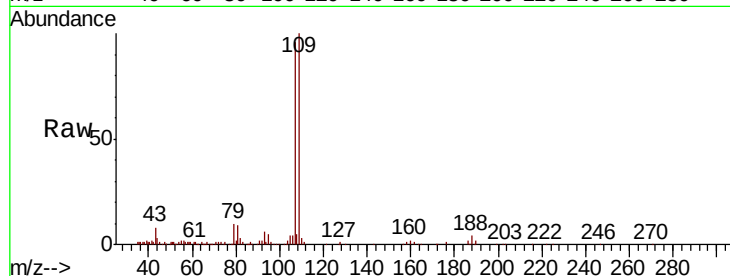
VSTDIC005

Tgt Ion: 107 Resp: 33175

Ion Ratio Lower Upper

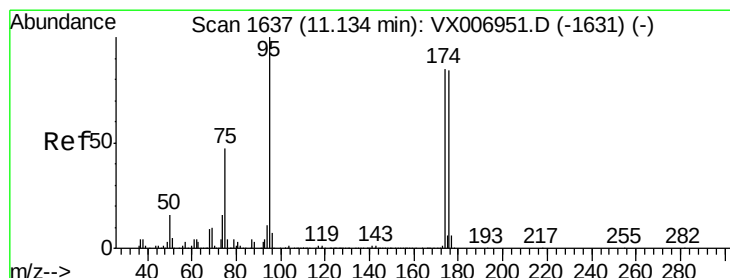
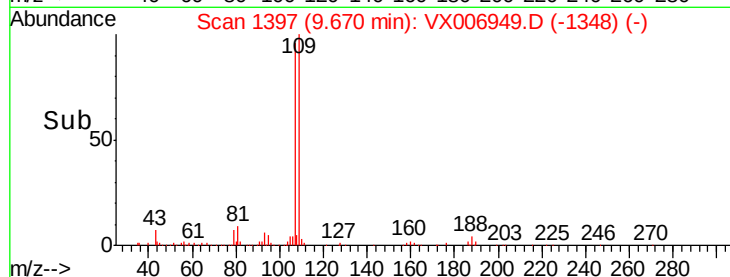
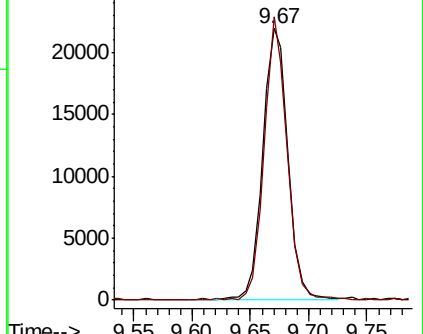
107 100

109 94.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.849 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

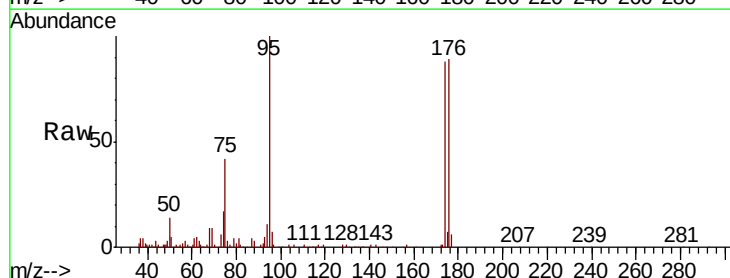
Tgt Ion: 95 Resp: 34312

Ion Ratio Lower Upper

95 100

174 91.2 0.0 182.2

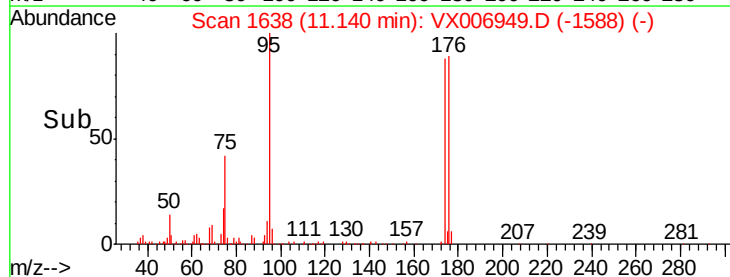
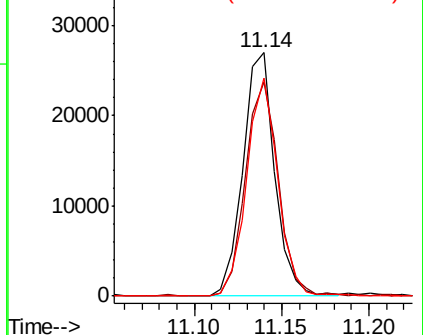
176 87.7 0.0 178.8

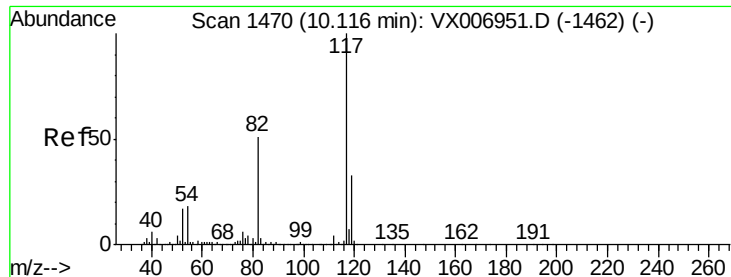


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

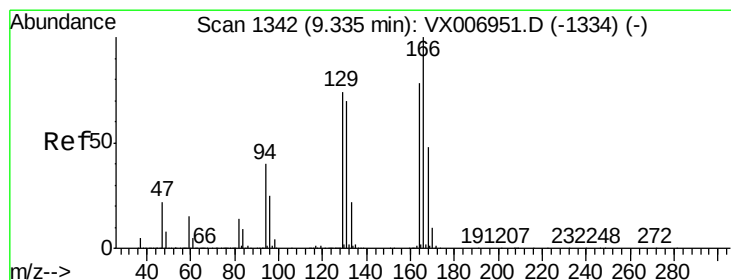
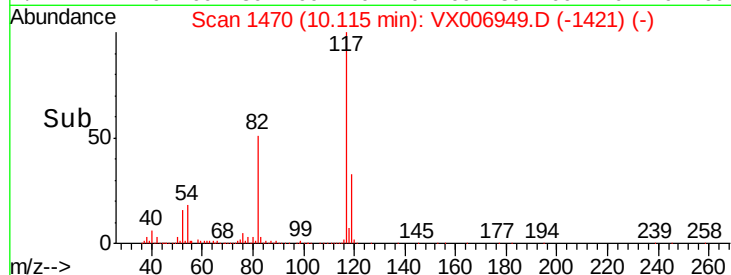
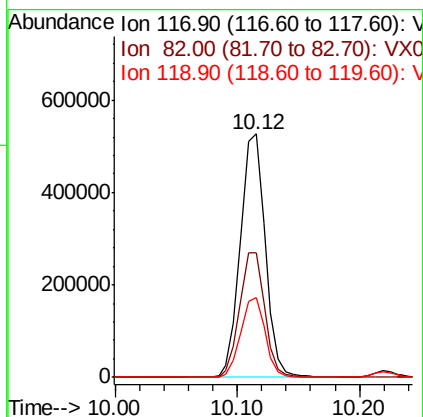
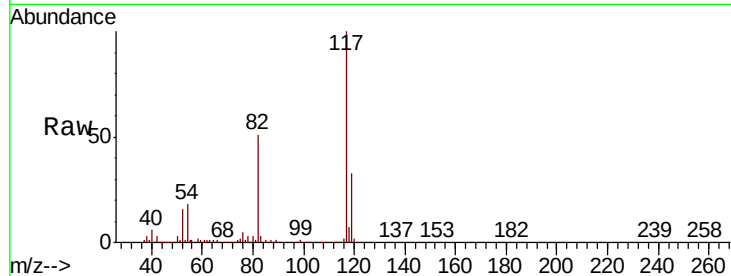




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

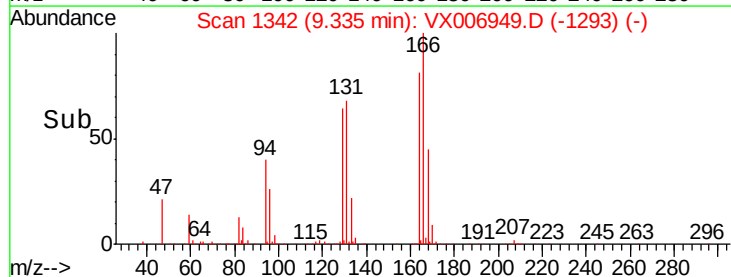
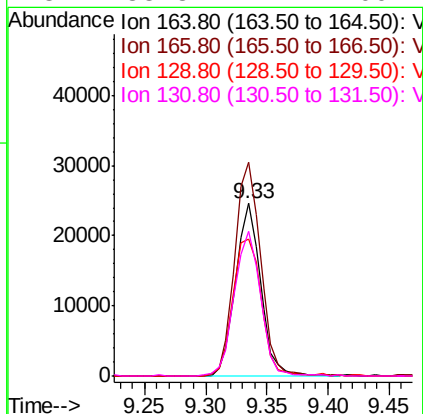
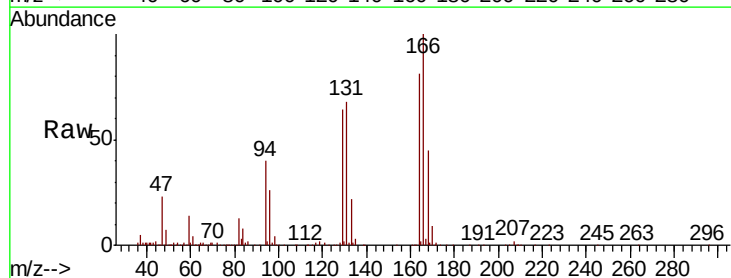
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

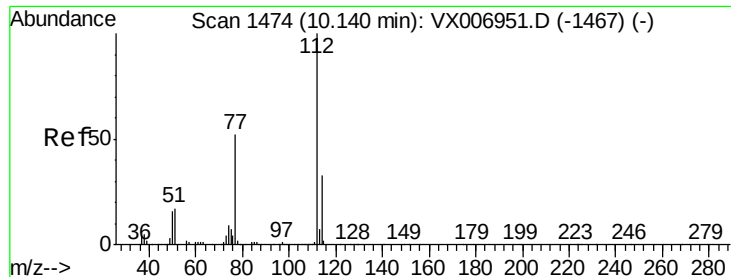
Tgt Ion:117 Resp: 744577
Ion Ratio Lower Upper
117 100
82 50.9 41.0 61.6
119 32.9 25.4 38.0



#64
Tetrachloroethene
Concen: 5.422 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion:164 Resp: 34949
Ion Ratio Lower Upper
164 100
166 124.0 102.5 153.7
129 79.2 75.1 112.7
131 83.8 72.7 109.1





#65

Chlorobenzene

Concen: 5.373 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

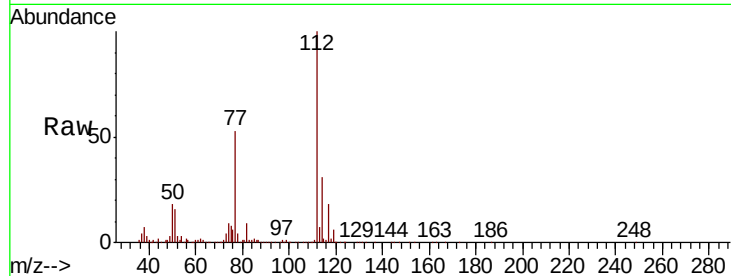
VSTDIC005

Tgt Ion:112 Resp: 87261

Ion Ratio Lower Upper

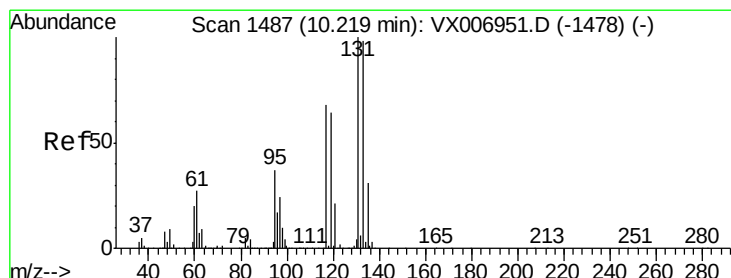
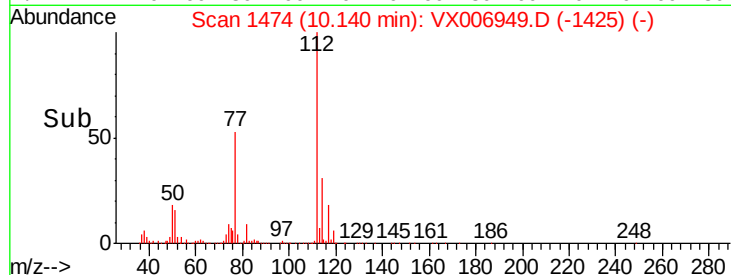
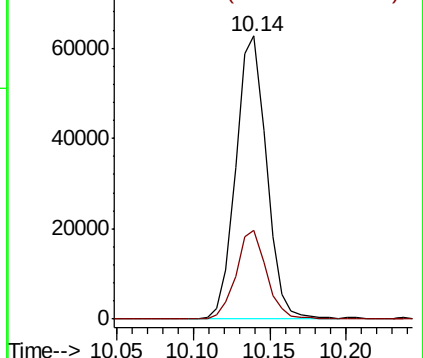
112 100

114 31.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.998 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

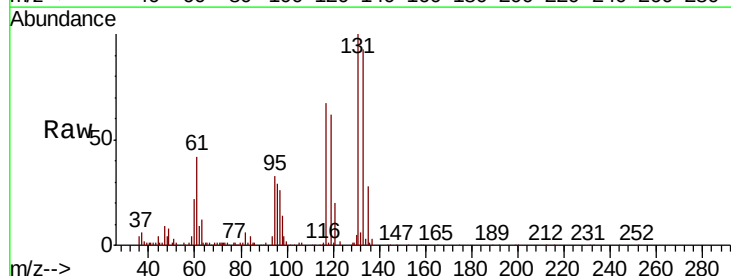
Tgt Ion:131 Resp: 27306

Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.2

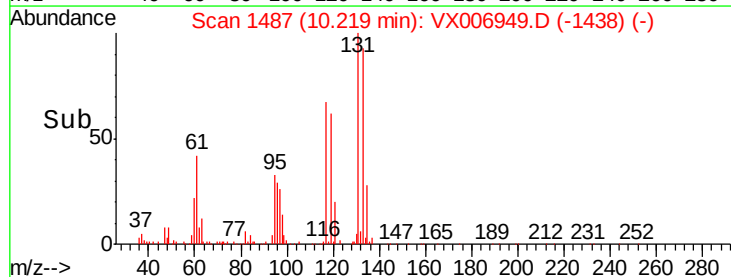
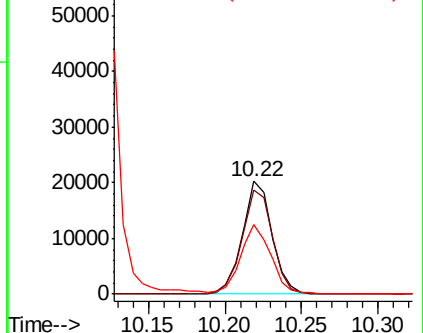
119 62.6 32.6 97.8

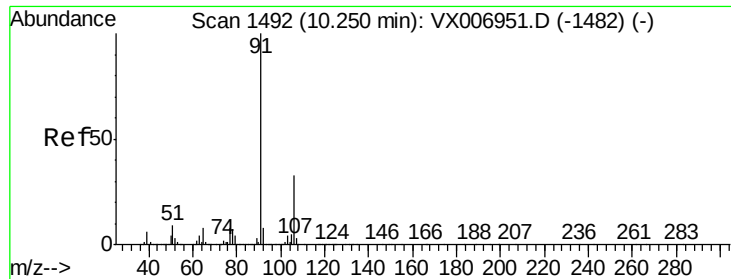


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

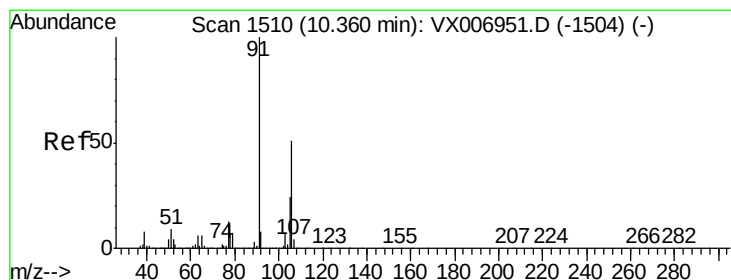
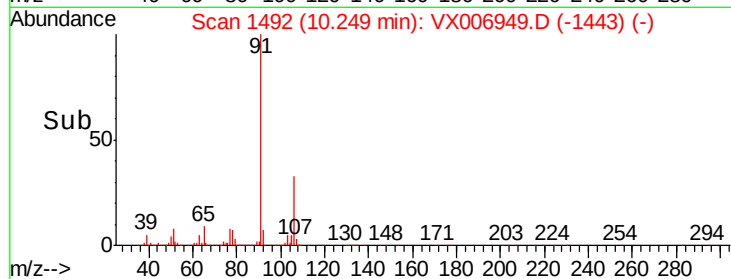
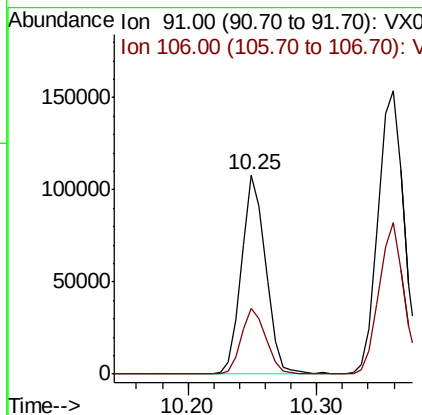
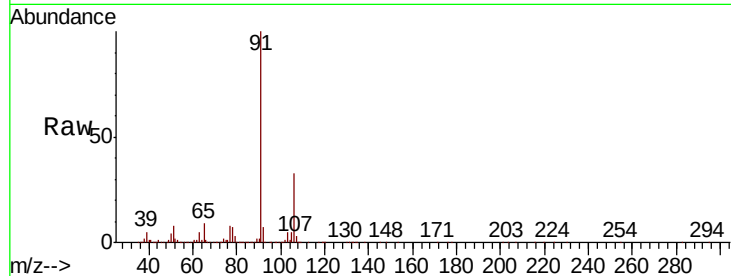




#67
Ethyl Benzene
Concen: 5.265 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

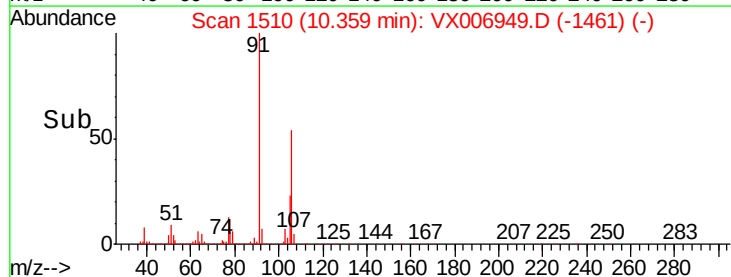
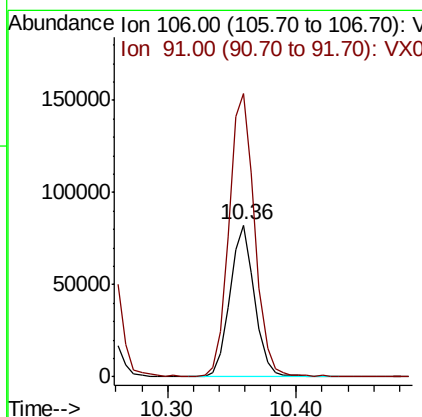
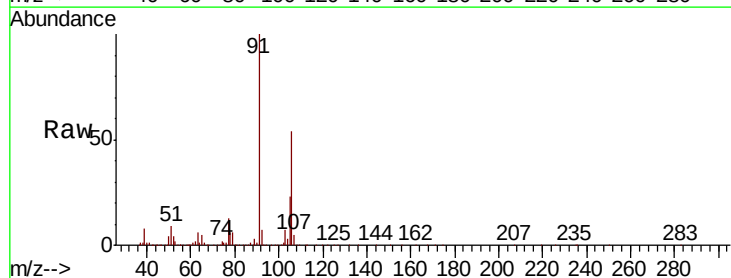
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

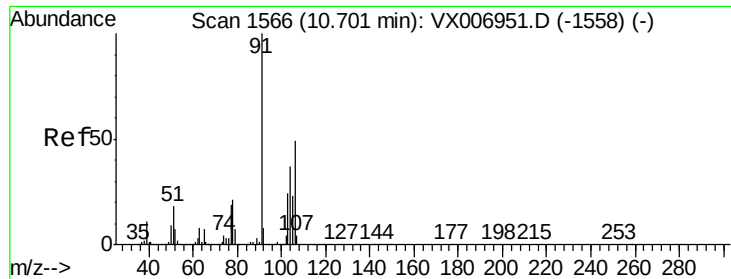
Tgt Ion: 91 Resp: 141158
Ion Ratio Lower Upper
91 100
106 32.8 26.4 39.6



#68
m/p-Xylenes
Concen: 10.412 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion: 106 Resp: 109980
Ion Ratio Lower Upper
106 100
91 194.5 155.8 233.6

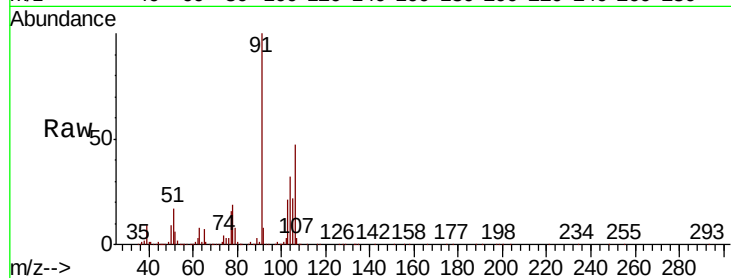




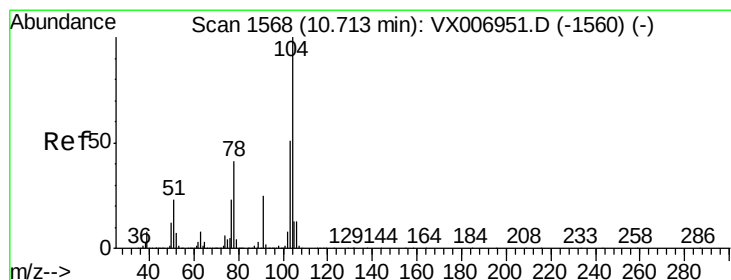
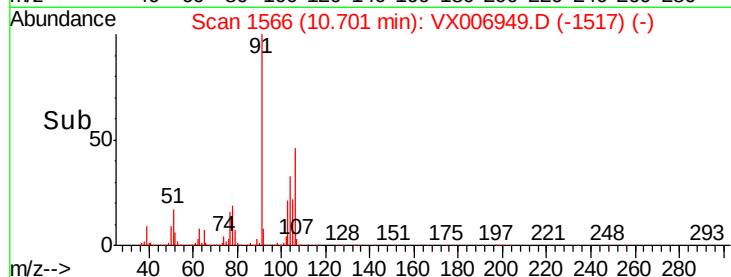
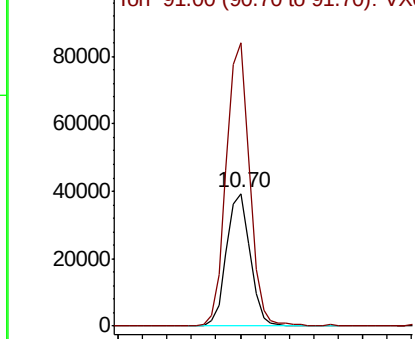
#69
o-Xylene
Concen: 5.117 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 52710
Ion Ratio Lower Upper
106 100
91 210.0 101.3 303.7

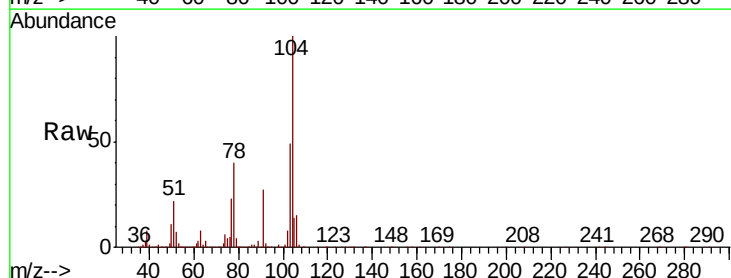


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

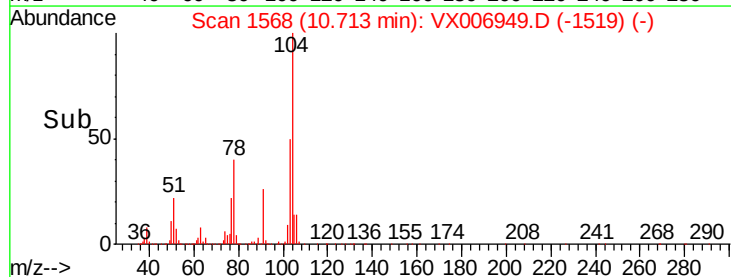
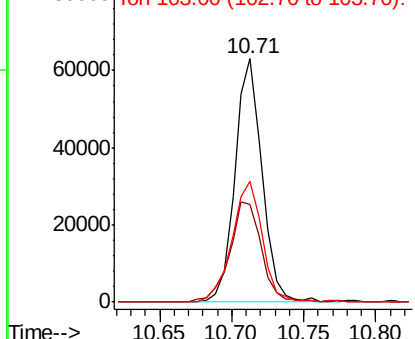


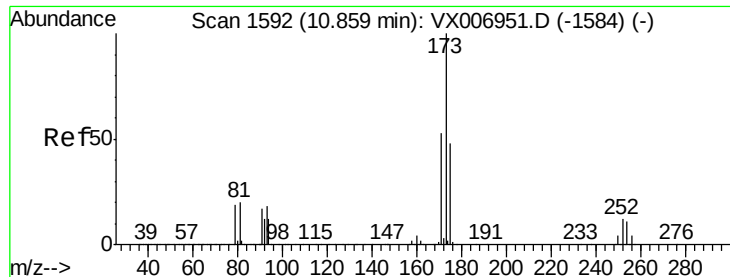
#70
Styrene
Concen: 5.074 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006949.D
Acq: 08 Jan 2019 11:58

Tgt Ion:104 Resp: 82781
Ion Ratio Lower Upper
104 100
78 48.4 37.7 56.5
103 56.0 43.8 65.8



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





#71

Bromoform

Concen: 7.930 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

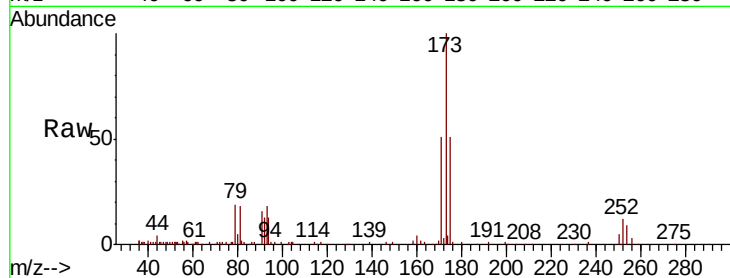
Tgt Ion:173 Resp: 17288

Ion Ratio Lower Upper

173 100

175 54.4 24.7 74.1

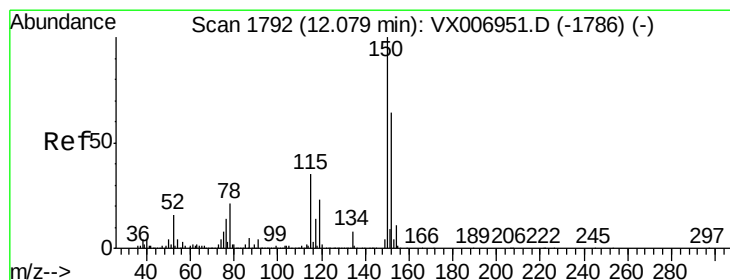
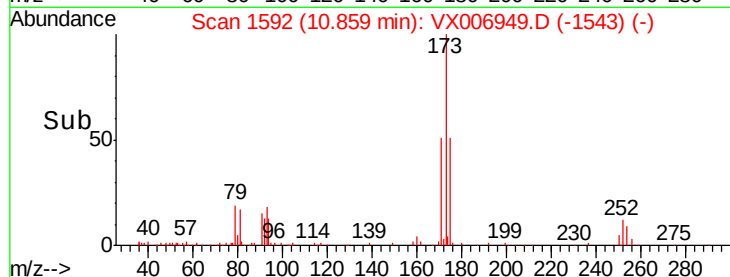
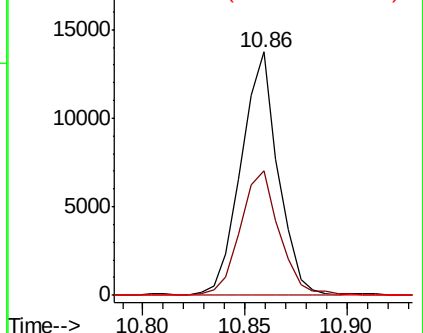
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

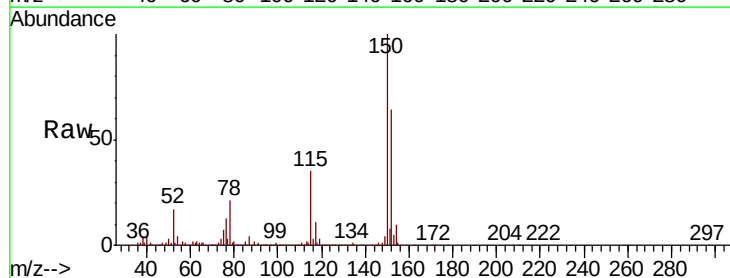
Tgt Ion:152 Resp: 367195

Ion Ratio Lower Upper

152 100

115 57.2 39.1 117.2

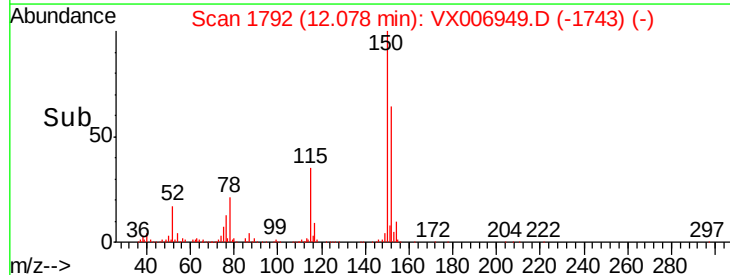
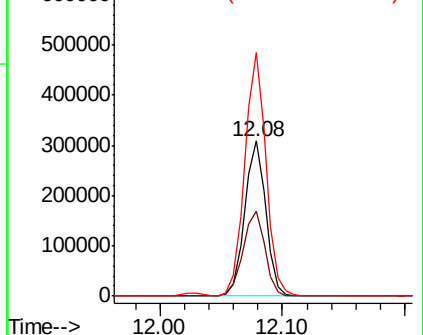
150 157.9 0.0 344.8

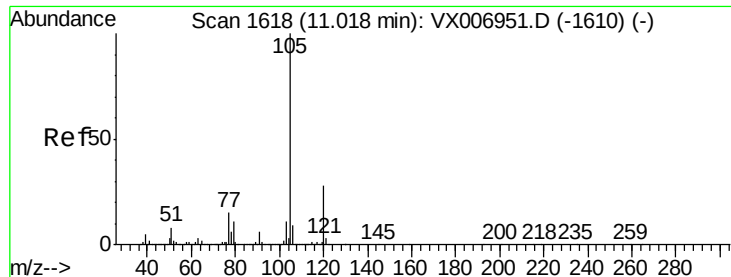


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.518 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

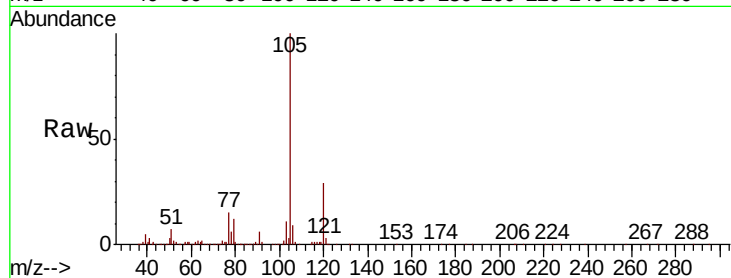
VSTDIC005

Tgt Ion: 105 Resp: 142886

Ion Ratio Lower Upper

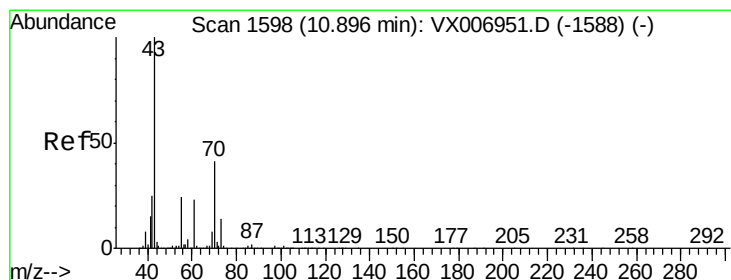
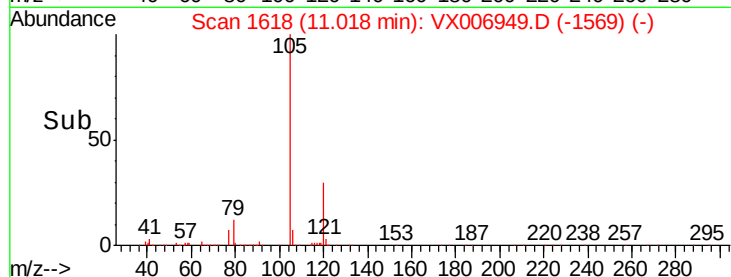
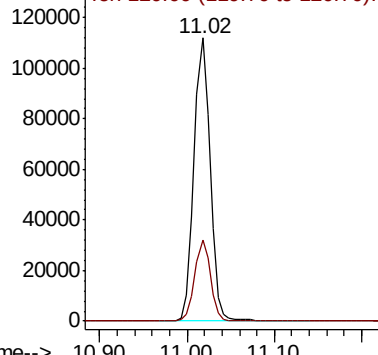
105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.048 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Tgt Ion: 43 Resp: 52620

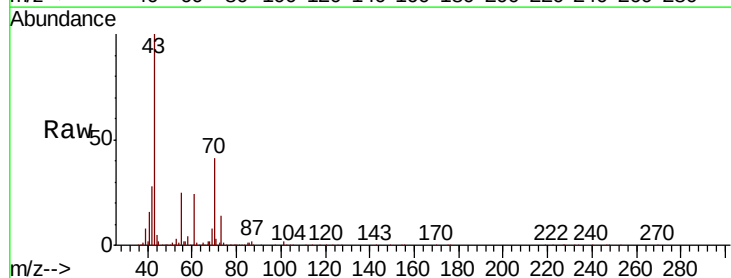
Ion Ratio Lower Upper

43 100

70 44.7 35.8 53.8

55 25.7 19.4 29.0

61 25.8 20.1 30.1

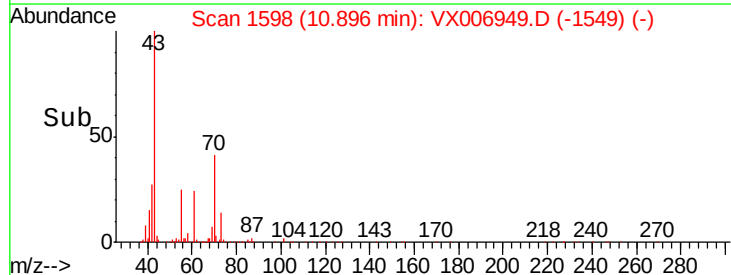
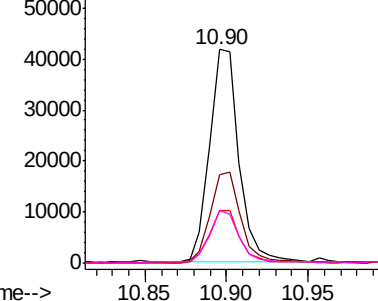


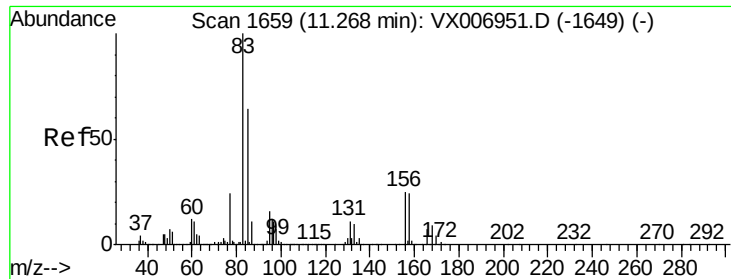
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 5.513 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

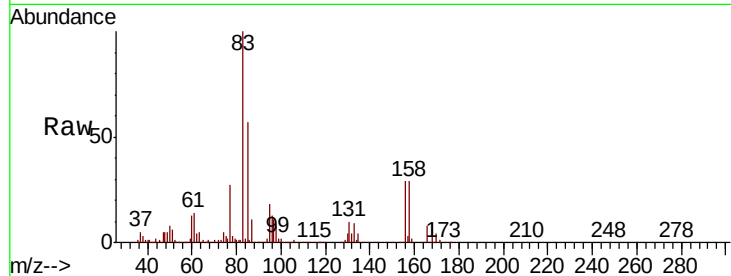
Tgt Ion: 83 Resp: 45316

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

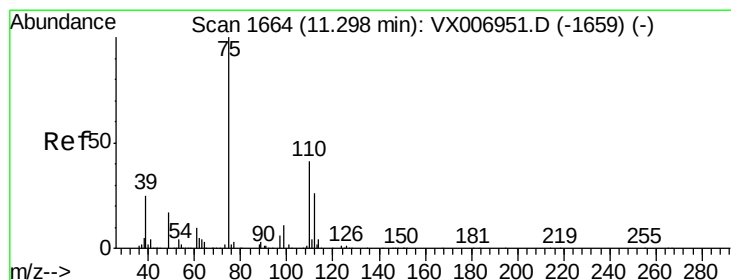
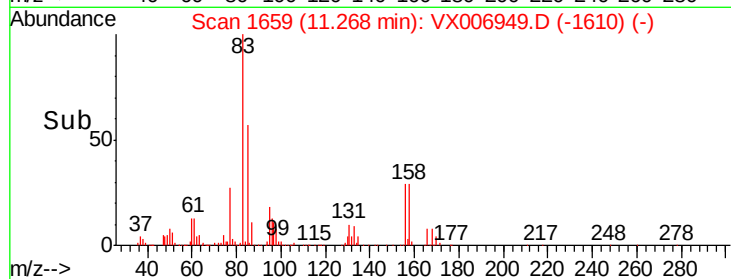
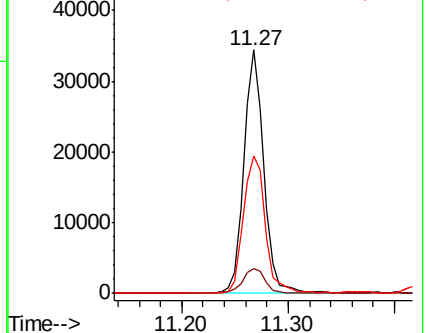
85 62.4 32.2 96.6



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: 6.103 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006949.D

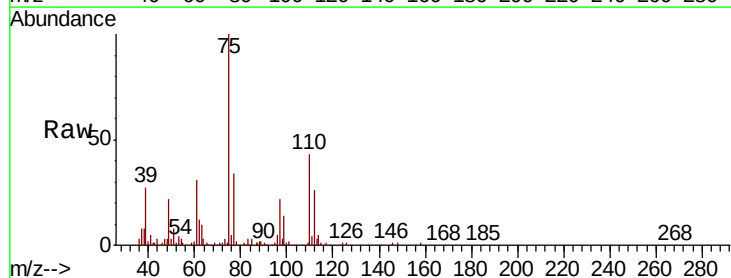
Acq: 08 Jan 2019 11:58

Tgt Ion: 75 Resp: 45414

Ion Ratio Lower Upper

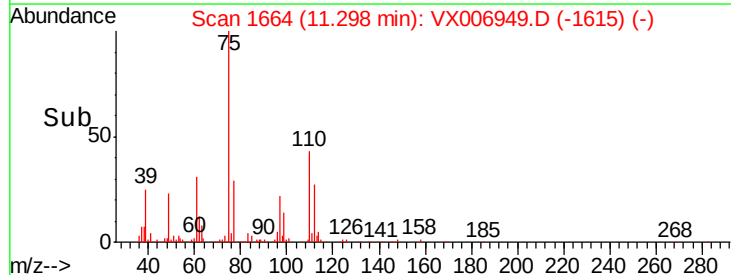
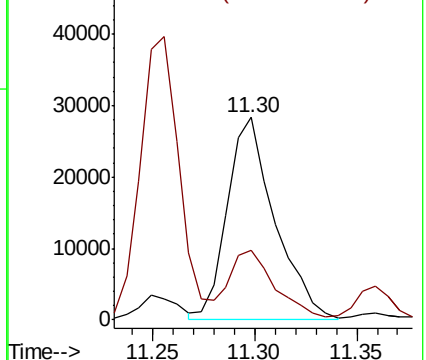
75 100

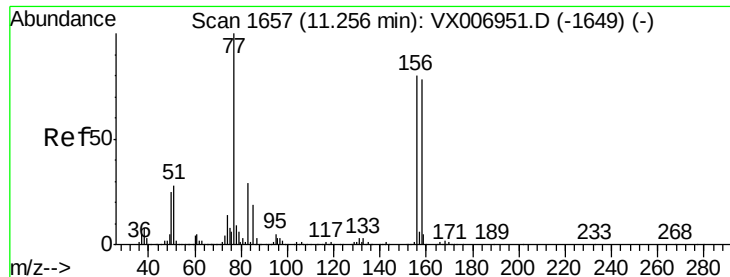
77 32.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.221 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

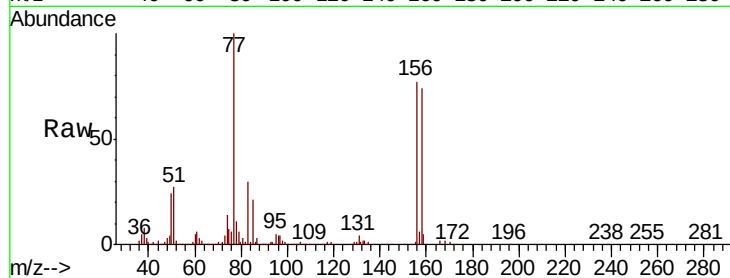
Tgt Ion:156 Resp: 37247

Ion Ratio Lower Upper

156 100

77 141.0 68.0 204.0

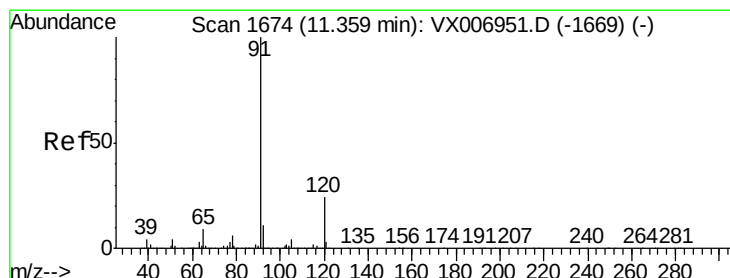
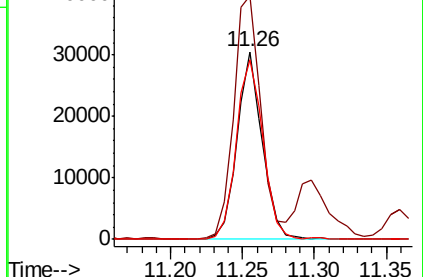
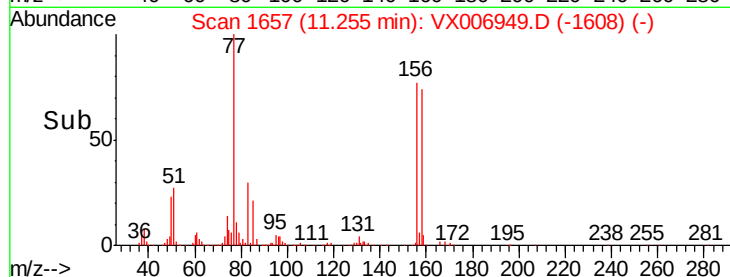
158 101.1 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.447 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006949.D

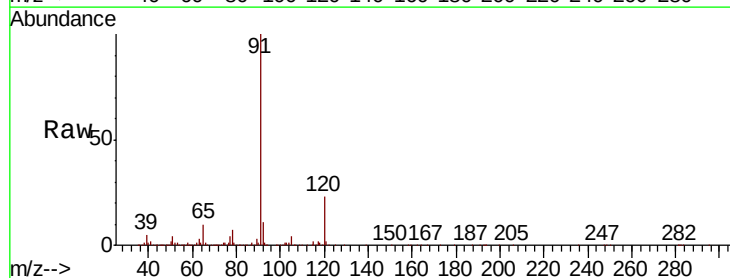
Acq: 08 Jan 2019 11:58

Tgt Ion: 91 Resp: 154830

Ion Ratio Lower Upper

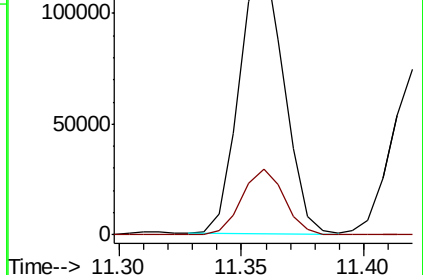
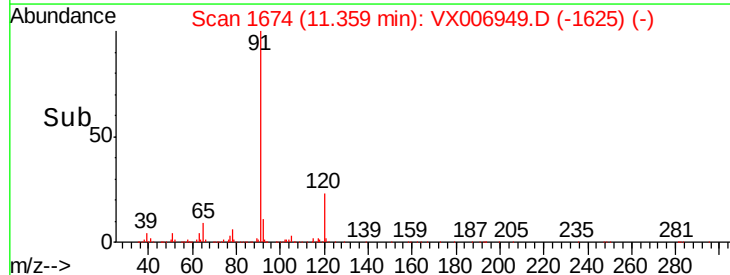
91 100

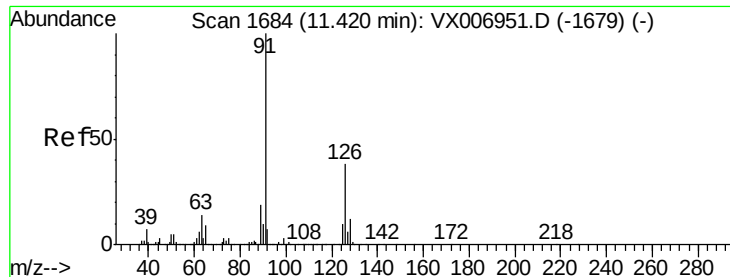
120 23.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.366 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

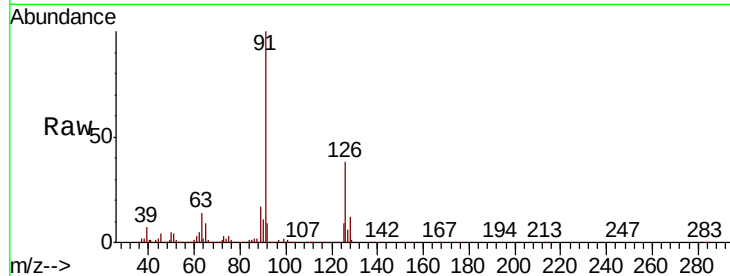
VSTDIC005

Tgt Ion: 91 Resp: 91821

Ion Ratio Lower Upper

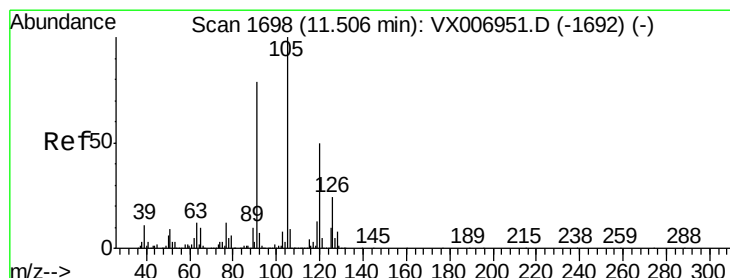
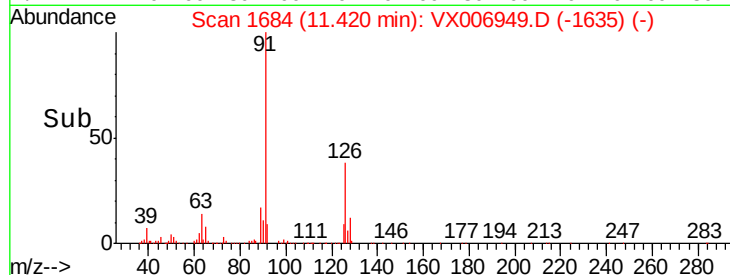
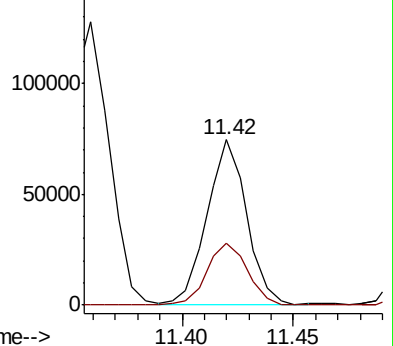
91 100

126 39.0 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006949.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX006949.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.374 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006949.D

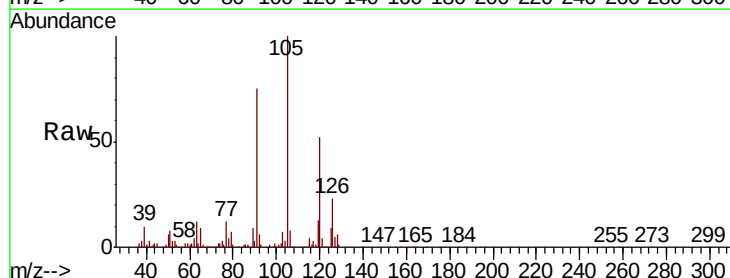
Acq: 08 Jan 2019 11:58

Tgt Ion: 105 Resp: 116275

Ion Ratio Lower Upper

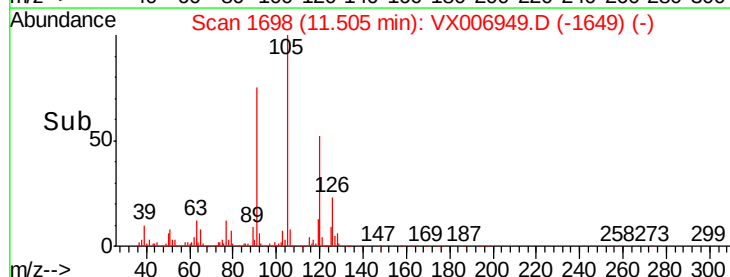
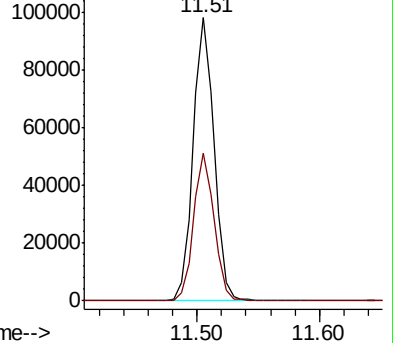
105 100

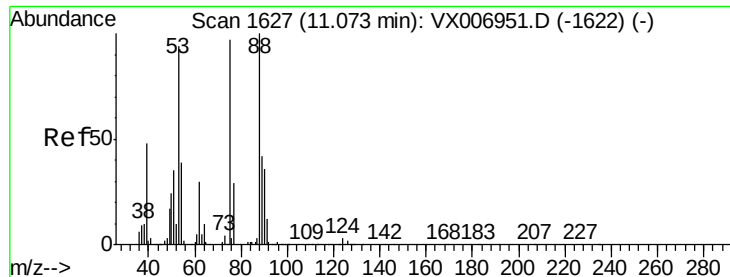
120 51.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006949.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX006949.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 6.953 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

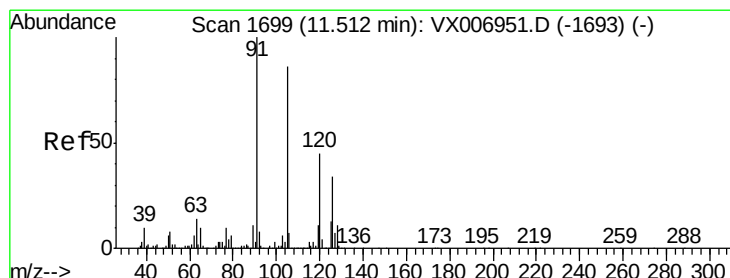
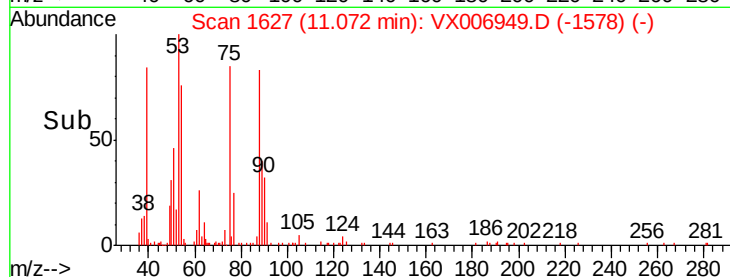
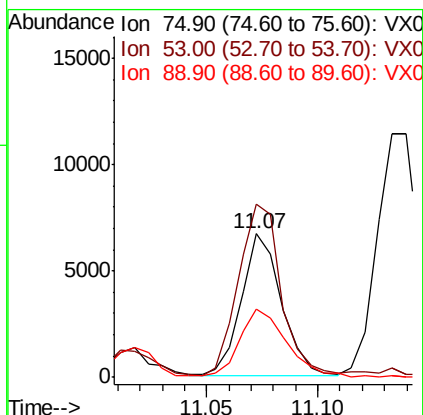
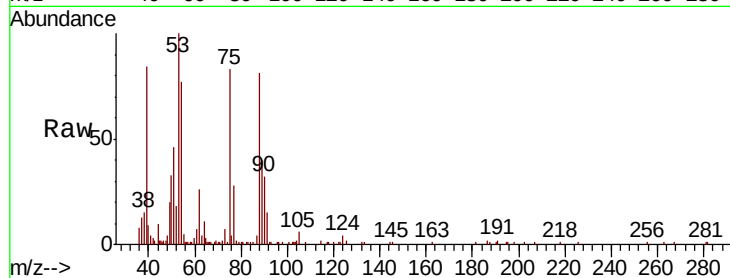
Tgt Ion: 75 Resp: 8457

Ion Ratio Lower Upper

75 100

53 127.5 79.7 119.5#

89 56.3 38.0 57.0



#82

4-Chlorotoluene

Concen: 5.320 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006949.D

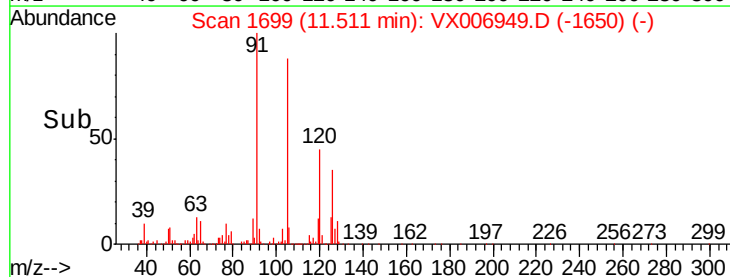
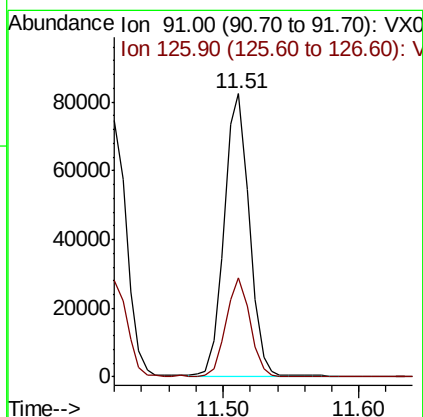
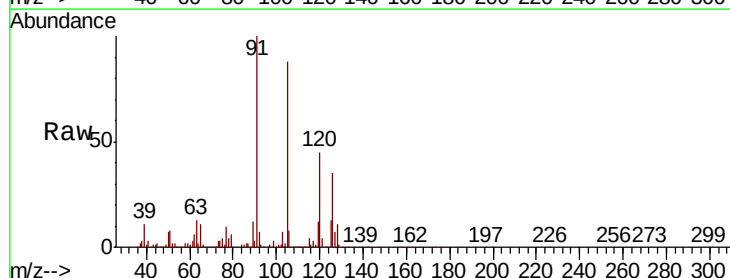
Acq: 08 Jan 2019 11:58

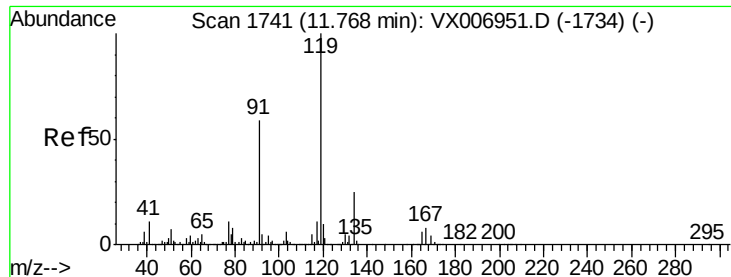
Tgt Ion: 91 Resp: 105385

Ion Ratio Lower Upper

91 100

126 33.7 16.3 48.9

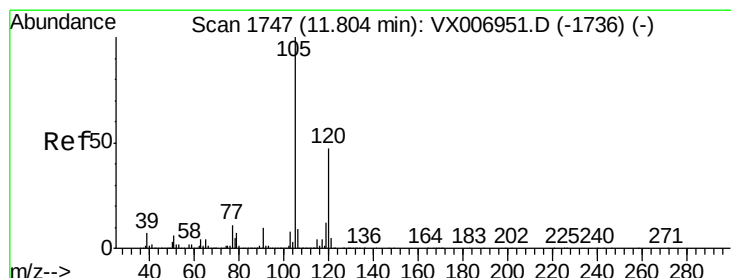
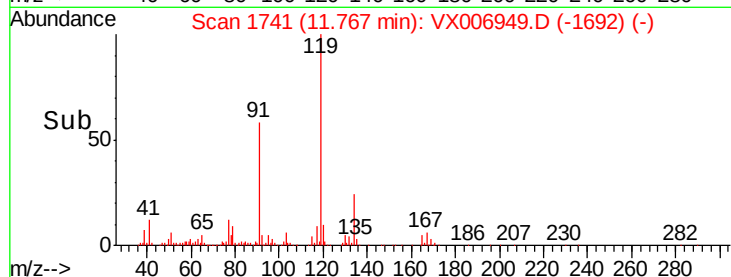
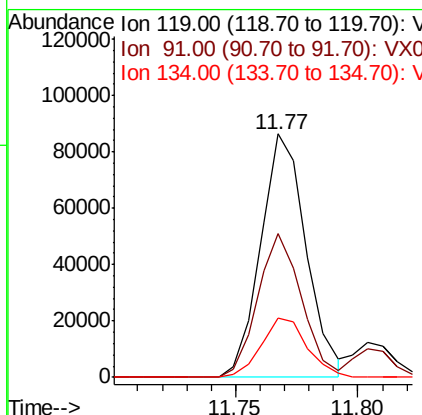
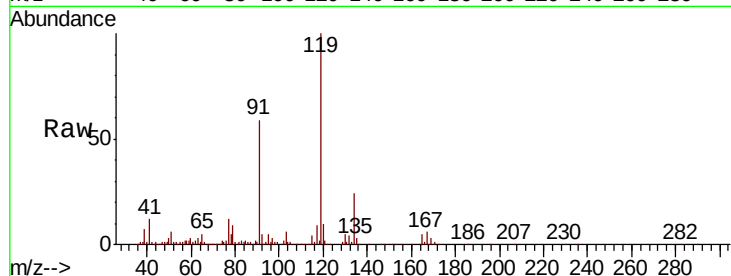




#83
 tert-Butylbenzene
 Concen: 5.199 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

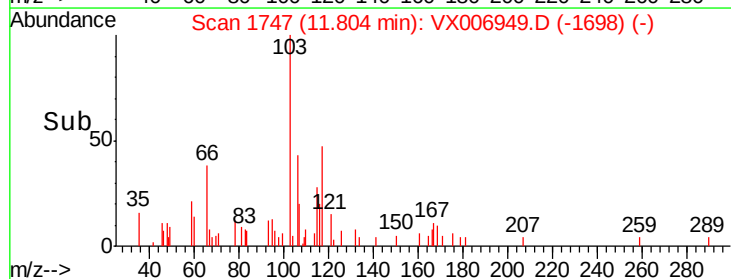
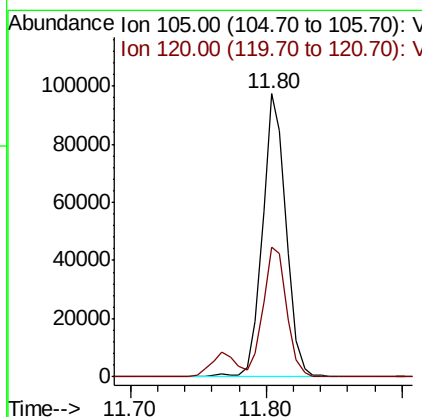
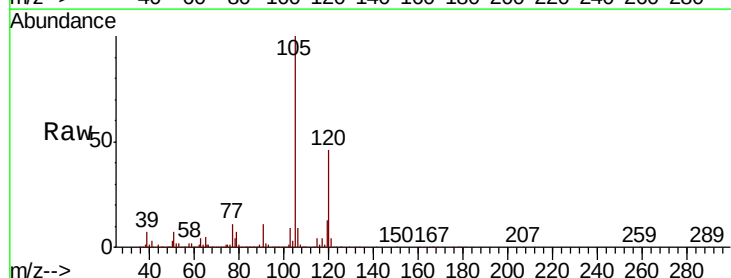
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

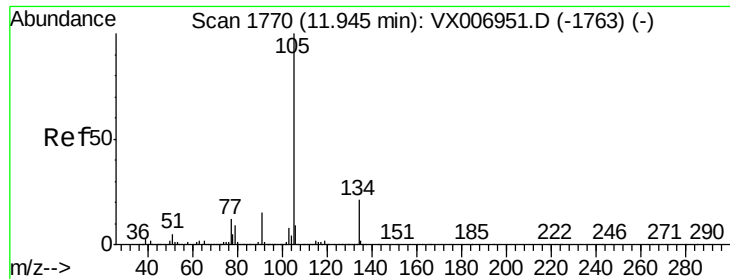
Tgt Ion:119 Resp: 112225
 Ion Ratio Lower Upper
 119 100
 91 57.1 27.7 83.1
 134 24.7 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 5.442 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Tgt Ion:105 Resp: 118389
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 5.379 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

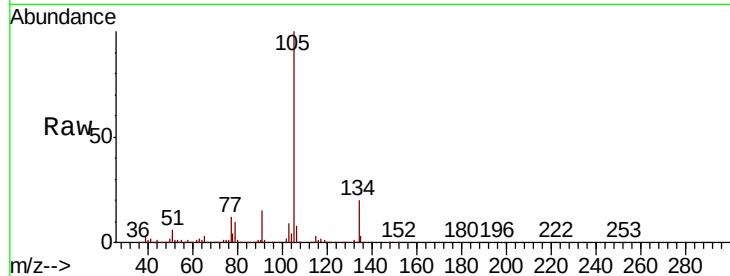
VSTDIC005

Tgt Ion:105 Resp: 138679

Ion Ratio Lower Upper

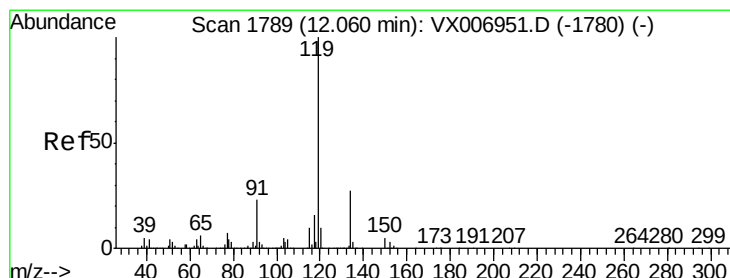
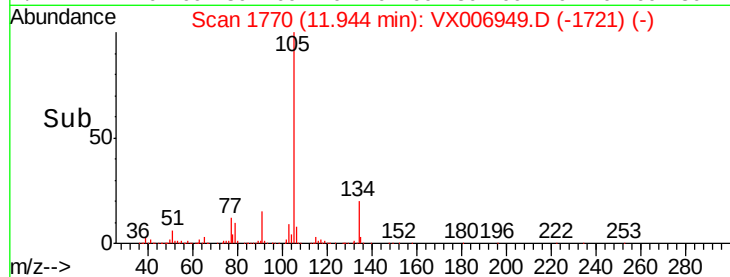
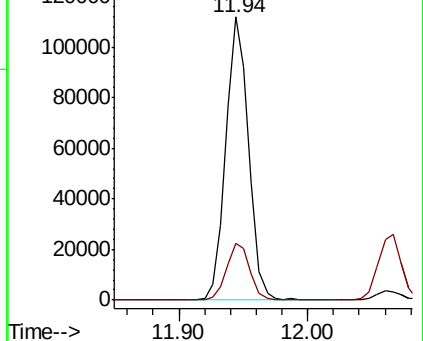
105 100

134 20.6 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.304 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

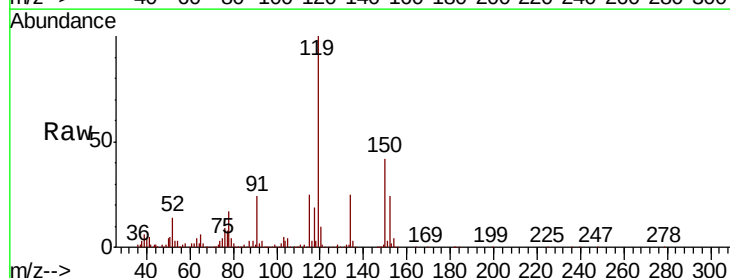
Tgt Ion:119 Resp: 122298

Ion Ratio Lower Upper

119 100

134 26.5 14.0 41.9

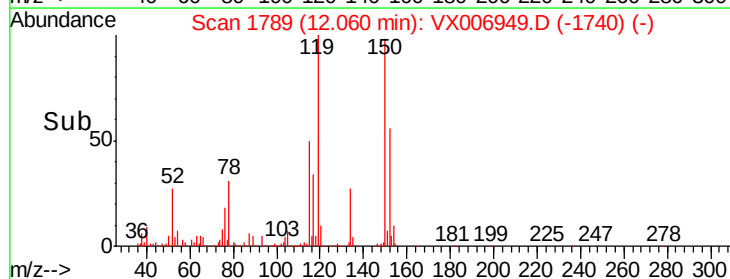
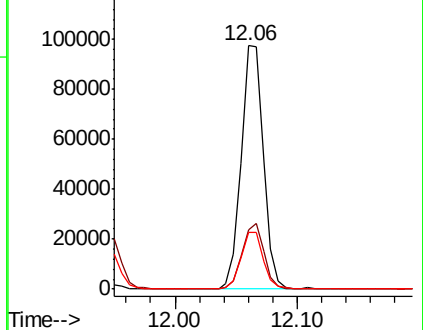
91 23.8 11.3 33.9

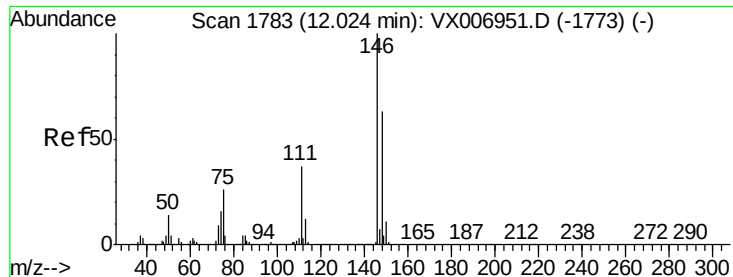


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

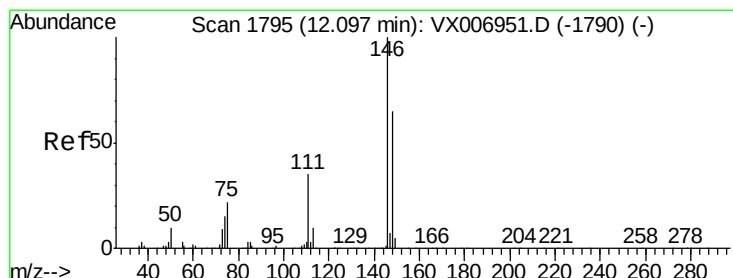
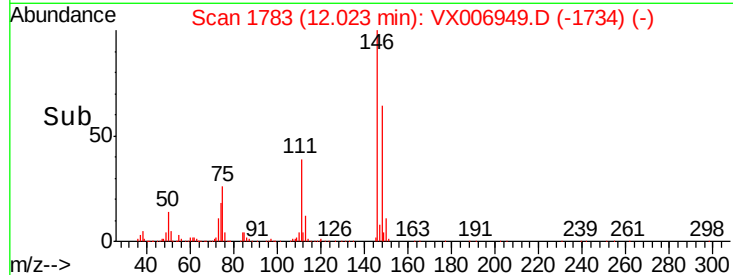
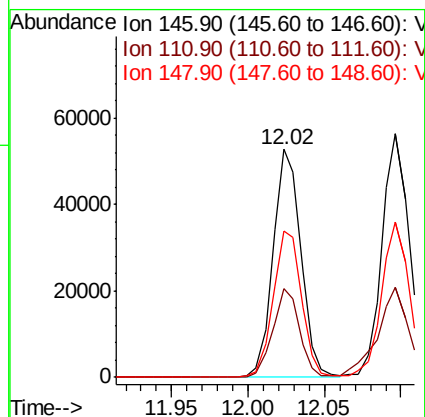
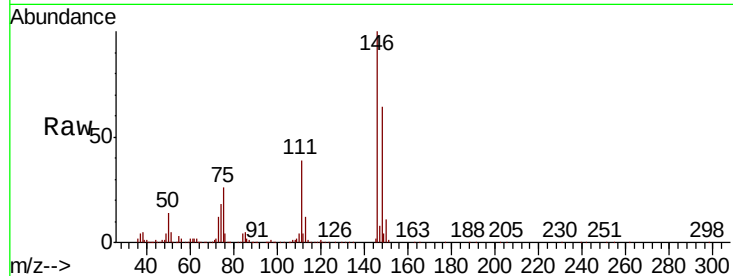




#87
 1,3-Dichlorobenzene
 Concen: 5.193 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

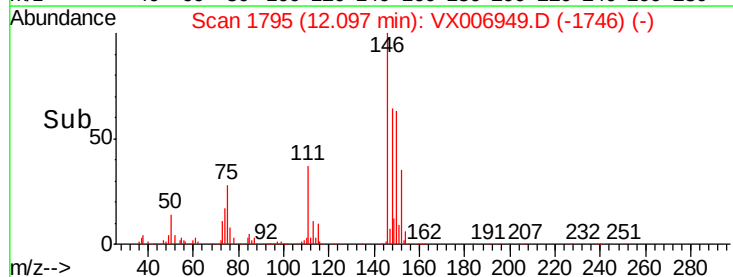
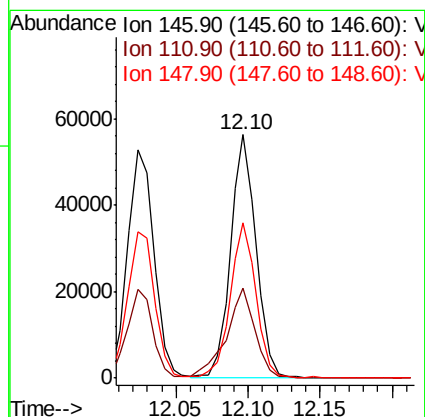
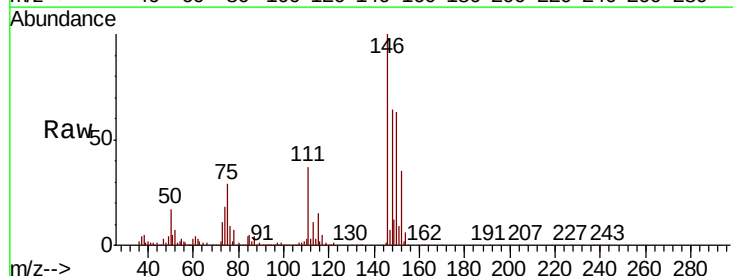
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

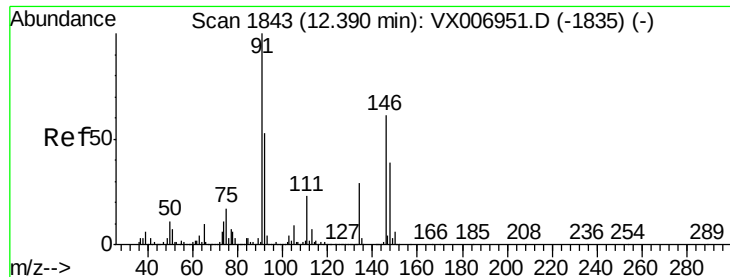
Tgt Ion:146 Resp: 66964
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 55.8
 148 65.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 5.869 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Tgt Ion:146 Resp: 70138
 Ion Ratio Lower Upper
 146 100
 111 41.7 18.1 54.1
 148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 5.055 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

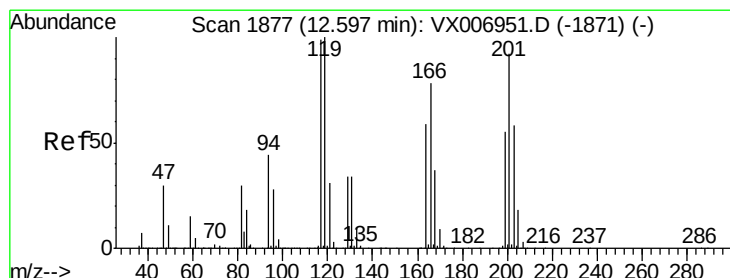
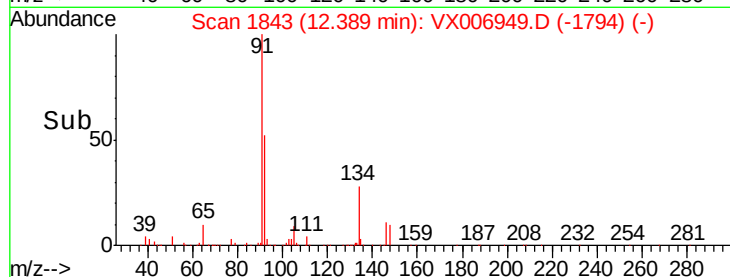
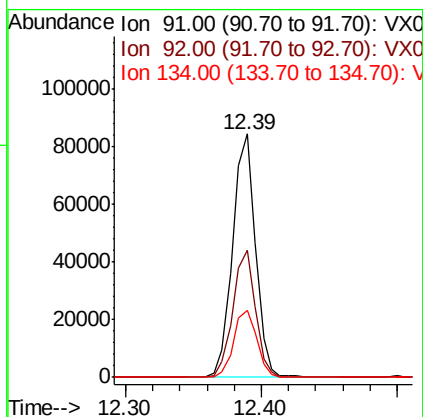
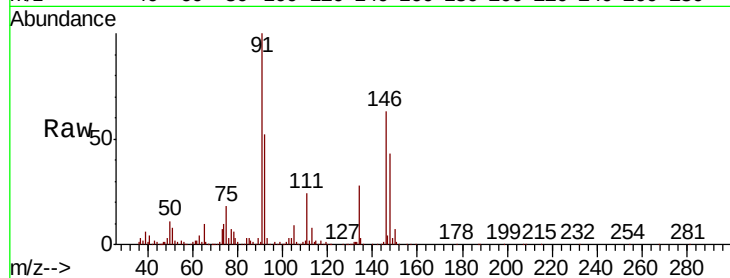
Tgt Ion: 91 Resp: 99370

Ion Ratio Lower Upper

91 100

92 51.4 26.8 80.4

134 28.3 14.4 43.2



#90

Hexachloroethane

Concen: 6.550 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006949.D

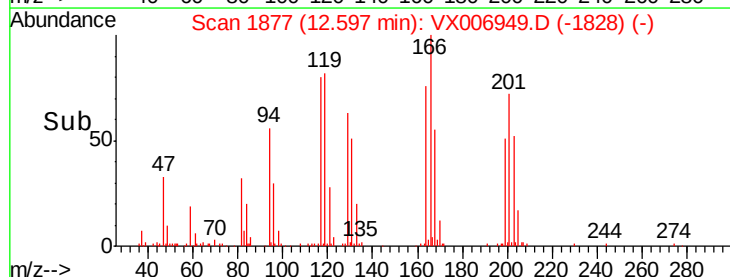
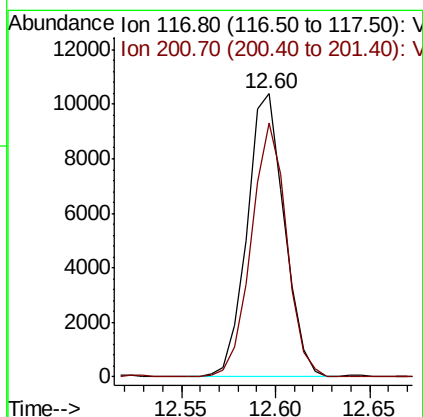
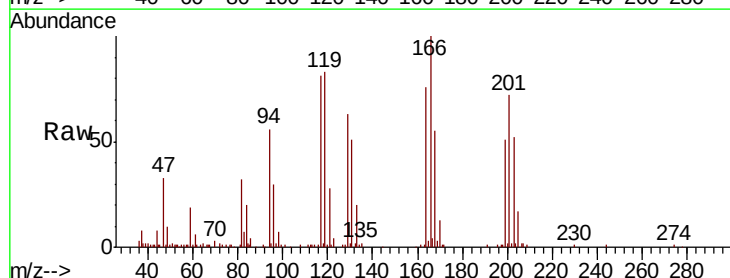
Acq: 08 Jan 2019 11:58

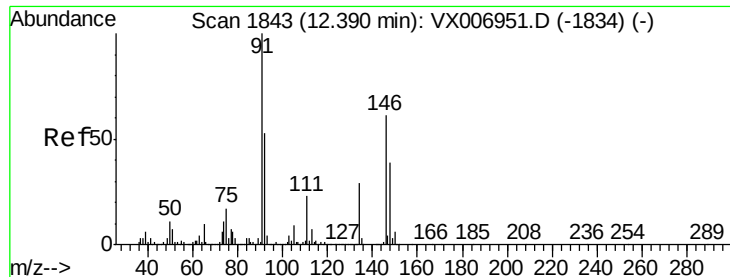
Tgt Ion: 117 Resp: 14233

Ion Ratio Lower Upper

117 100

201 85.2 42.9 128.7

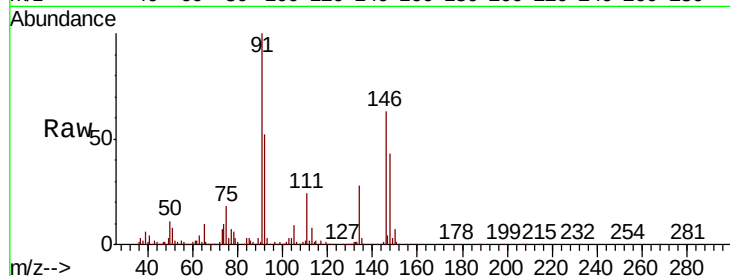




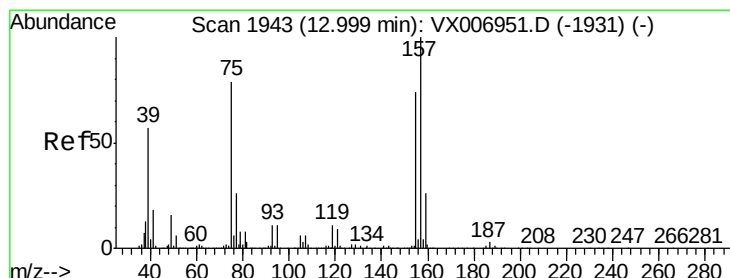
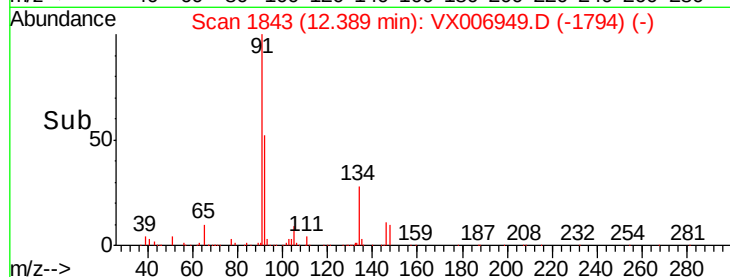
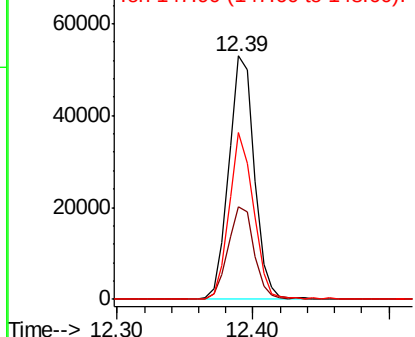
#91
 1,2-Dichlorobenzene
 Concen: 5.446 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.2
148	65.5	32.3	96.9

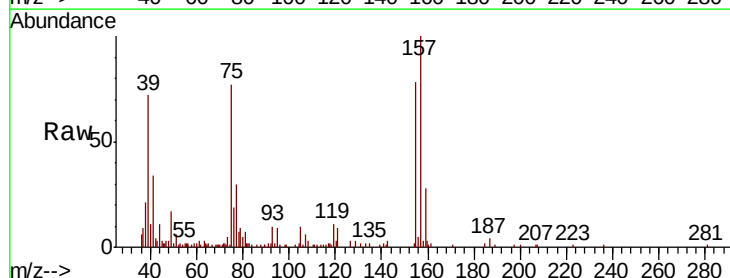


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

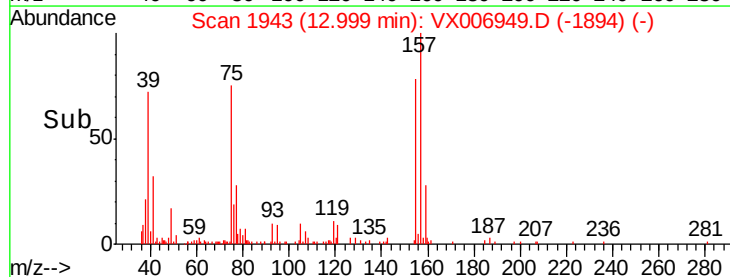
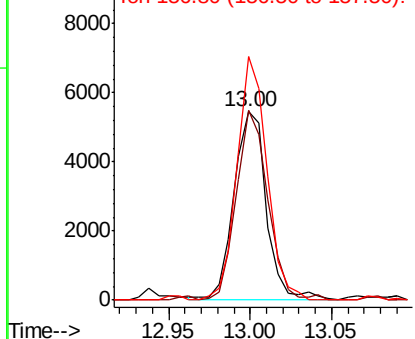


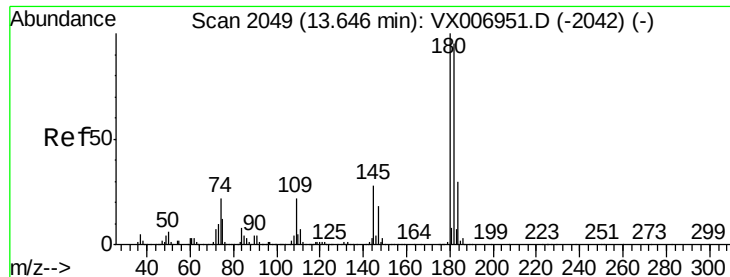
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.678 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	50.6	151.8
157	118.7	64.6	193.8



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

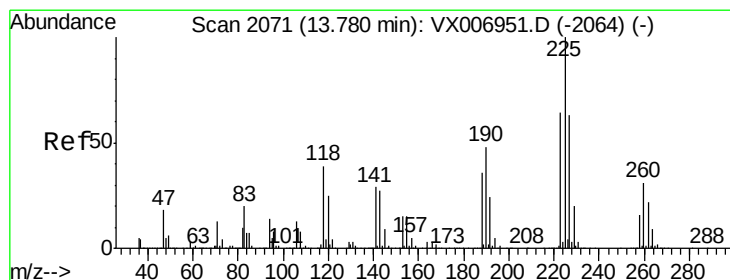
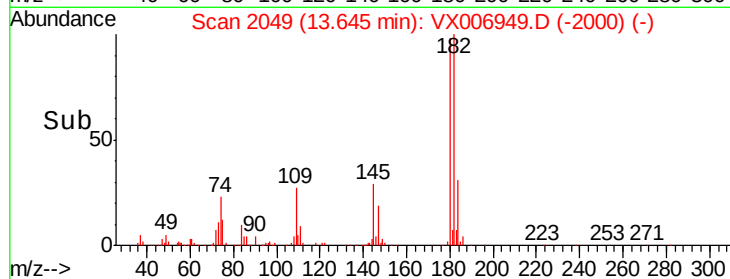
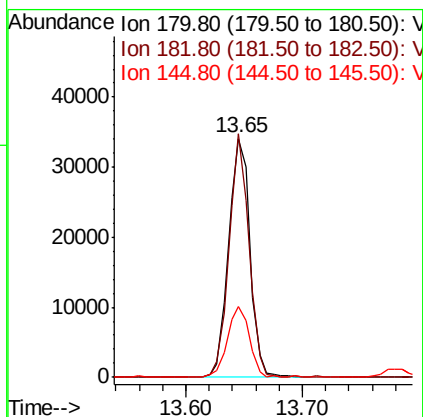
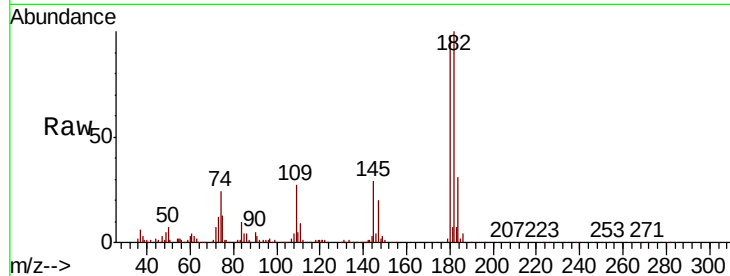




#93
 1,2,4-Trichlorobenzene
 Concen: 4.998 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

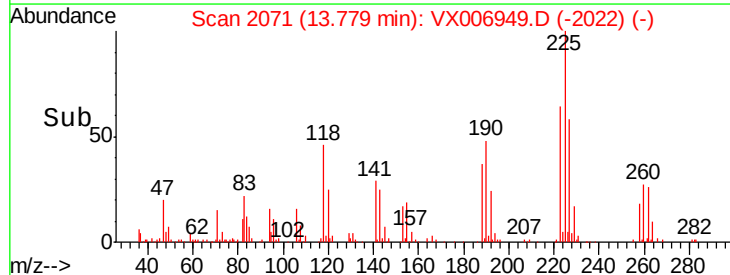
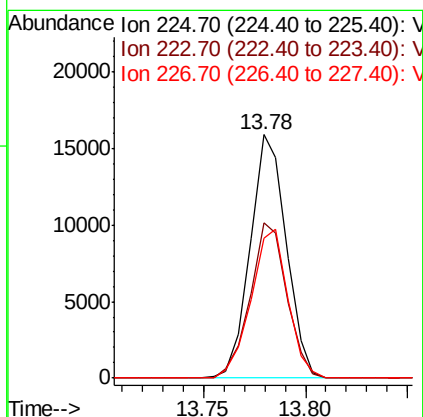
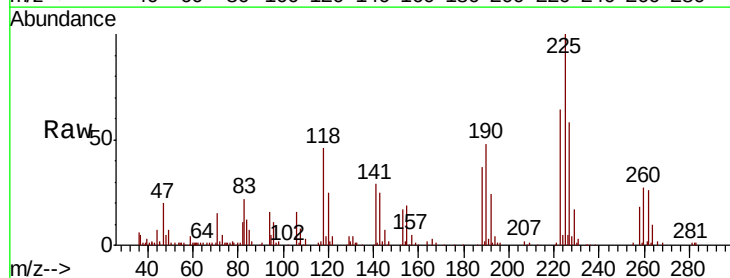
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

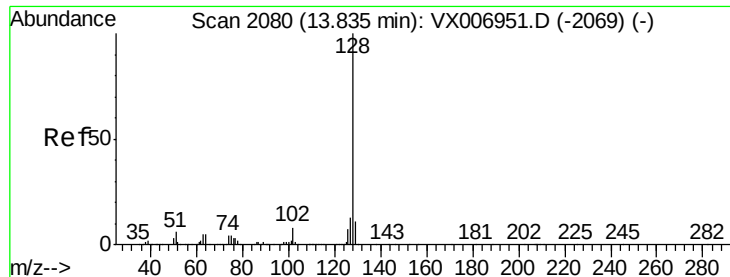
Tgt Ion:180 Resp: 43637
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.3 142.0
 145 30.5 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 5.056 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006949.D
 Acq: 08 Jan 2019 11:58

Tgt Ion:225 Resp: 19590
 Ion Ratio Lower Upper
 225 100
 223 65.0 32.1 96.3
 227 62.9 32.3 96.8





#95

Naphthalene

Concen: 5.115 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

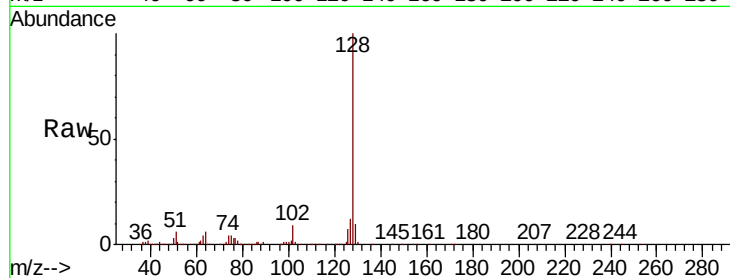
Tgt Ion:128 Resp: 135325

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 10.6 8.6 13.0

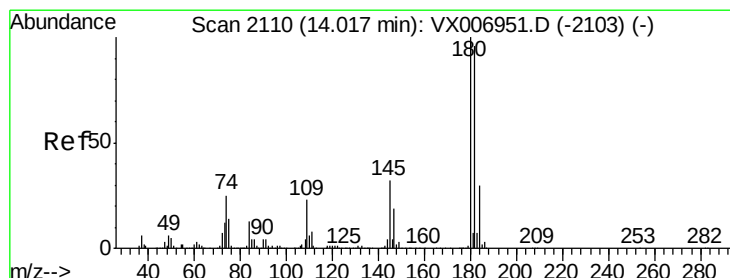
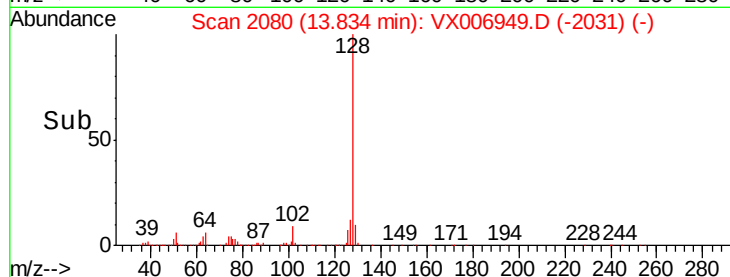
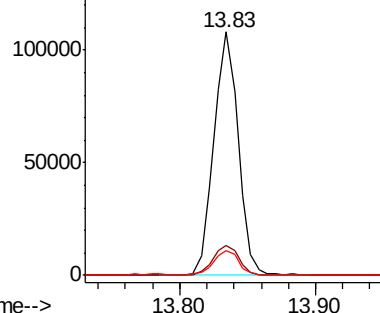


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 5.059 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006949.D

Acq: 08 Jan 2019 11:58

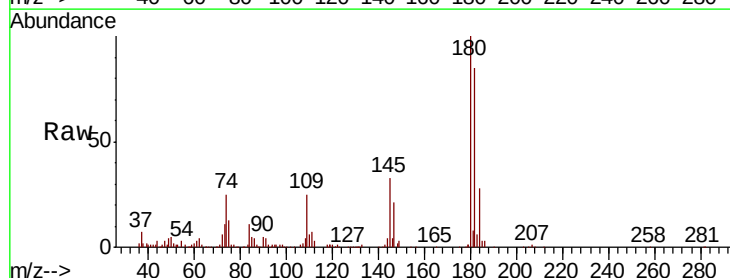
Tgt Ion:180 Resp: 43877

Ion Ratio Lower Upper

180 100

182 95.7 48.5 145.5

145 31.6 16.0 47.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

