

Data File : VX000045.D

Acq On : 09 Feb 2018 16:04

Operator : JC/MD

Sample : VSTDIC020

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
ClientSampled :
VSTDIC020

Quant Time: Feb 09 22:31:35 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M

Quant Title : SW846 8260

QLast Update : Fri Feb 09 22:29:37 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	145611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	226436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	211993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	122101	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	29924	19.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.52%	
35) Dibromofluoromethane	5.52	113	26701	20.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.72%	
50) Toluene-d8	8.73	98	97677	19.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.64%	
62) 4-Bromofluorobenzene	11.15	95	40290	20.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	27077	20.46	ug/l	99
3) Chloromethane	1.32	50	26967	19.63	ug/l	95
4) Vinyl Chloride	1.41	62	31562	20.42	ug/l	98
5) Bromomethane	1.64	94	16539	14.02	ug/l	97
6) Chloroethane	1.73	64	18603	20.37	ug/l	100
7) Trichlorofluoromethane	1.93	101	54469	20.36	ug/l	98
8) Diethyl Ether	2.20	74	18950	20.34	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31067	20.83	ug/l	99
10) Methyl Iodide	2.52	142	33933	19.52	ug/l	99
11) Tert butyl alcohol	3.09	59	64508	95.77	ug/l	99
12) 1,1-Dichloroethene	2.38	96	28063	19.46	ug/l	96
13) Acrolein	2.30	56	29271	71.20	ug/l	100
14) Allyl chloride	2.73	41	49233	19.58	ug/l	98
15) Acrylonitrile	3.16	53	107980	99.23	ug/l	99
16) Acetone	2.45	43	85802	67.88	ug/l	100
17) Carbon Disulfide	2.57	76	84062	20.58	ug/l	97
18) Methyl Acetate	2.79	43	47508	19.38	ug/l	100
19) Methyl tert-butyl Ether	3.22	73	96462	20.00	ug/l	97
20) Methylene Chloride	2.86	84	30055	19.70	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	30402	19.85	ug/l	96
22) Diisopropyl ether	3.89	45	77061	17.41	ug/l	97
23) Vinyl Acetate	3.84	43	374259	97.91	ug/l	99
24) 1,1-Dichloroethane	3.71	63	51476	19.75	ug/l	98
25) 2-Butanone	4.73	43	138974	89.07	ug/l	99
26) 2,2-Dichloropropane	4.60	77	43819	19.82	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	30147	20.17	ug/l	98
28) Bromochloromethane	5.03	49	16906	19.57	ug/l	96
29) Tetrahydrofuran	5.19	42	95011	98.14	ug/l	99
30) Chloroform	5.23	83	50364	20.14	ug/l	97
31) Cyclohexane	5.59	56	42135	20.56	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	47744	19.93	ug/l	98
36) 1,1-Dichloropropene	5.81	75	39520	21.21	ug/l	99
37) Ethyl Acetate	4.88	43	50483	19.59	ug/l	100
38) Carbon Tetrachloride	5.80	117	44506	22.66	ug/l	94

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
ClientSampleId :
VSTDIC020

Quant Time: Feb 09 22:31:35 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M

Quant Title : SW846 8260

QLast Update : Fri Feb 09 22:29:37 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	49732	20.96	ug/l	97
40) Benzene	6.16	78	111045	20.32	ug/l	99
41) Methacrylonitrile	5.08	41	26679	19.88	ug/l	99
42) 1,2-Dichloroethane	6.21	62	40343	20.64	ug/l	99
43) Isopropyl Acetate	6.48	43	75932	20.03	ug/l	99
44) Trichloroethene	7.22	130	34650	20.09	ug/l	92
45) 1,2-Dichloropropane	7.52	63	28044	20.60	ug/l	99
46) Dibromomethane	7.68	93	21270	20.07	ug/l	97
47) Bromodichloromethane	7.91	83	40978	20.69	ug/l	93
48) Methyl methacrylate	7.79	41	36864	19.70	ug/l	99
49) 1,4-Dioxane	7.77	88	21486	399.67	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	272992	100.81	ug/l	99
52) Toluene	8.79	92	75995	20.75	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	48040	20.79	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	46511	20.64	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	31421	20.49	ug/l	96
56) Ethyl methacrylate	9.20	69	48838	20.49	ug/l	98
57) 1,3-Dichloropropane	9.38	76	48598	19.97	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	121219	114.30	ug/l	99
59) 2-Hexanone	9.51	43	224374	96.81	ug/l	100
60) Dibromochloromethane	9.59	129	36198	20.90	ug/l	98
61) 1,2-Dibromoethane	9.68	107	35326	20.90	ug/l	99
64) Tetrachloroethene	9.34	164	33230	20.66	ug/l	98
65) Chlorobenzene	10.15	112	90246	21.04	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	32654	20.87	ug/l	97
67) Ethyl Benzene	10.26	91	149503	20.84	ug/l	99
68) m/p-Xylenes	10.37	106	118024	41.57	ug/l	99
69) o-Xylene	10.71	106	57564	20.86	ug/l	98
70) Styrene	10.72	104	95702	20.88	ug/l	99
71) Bromoform	10.87	173	30247	20.53	ug/l	# 100
73) Isopropylbenzene	11.03	105	154237	20.50	ug/l	99
74) N-amyl acetate	6.48	43	75932	20.19	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.28	83	51778	20.11	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	66317	28.43	ug/l	77
77) Bromobenzene	11.26	156	41653	20.77	ug/l	99
78) n-propylbenzene	11.37	91	181949	20.83	ug/l	100
79) 2-Chlorotoluene	11.43	91	103583	20.87	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	131079	20.68	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	18468	21.92	ug/l	98
82) 4-Chlorotoluene	11.52	91	125201	20.82	ug/l	99
83) tert-Butylbenzene	11.78	119	133108	20.79	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	135769	20.79	ug/l	99
85) sec-Butylbenzene	11.96	105	165066	20.99	ug/l	99
86) p-Isopropyltoluene	12.07	119	147495	20.81	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	80566	20.70	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	80577	20.40	ug/l	98
89) n-Butylbenzene	12.40	91	136412	20.61	ug/l	99
90) Hexachloroethane	12.61	117	24964	21.89	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	77447	20.40	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15149	20.01	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
Quantitation Report (Not Reviewed)

Data File : VX000045.D
Acq On : 09 Feb 2018 16:04
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ClientSampleId :
VSTDICC020

Quant Time: Feb 09 22:31:35 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 09 22:29:37 2018
Response via : Initial Calibration

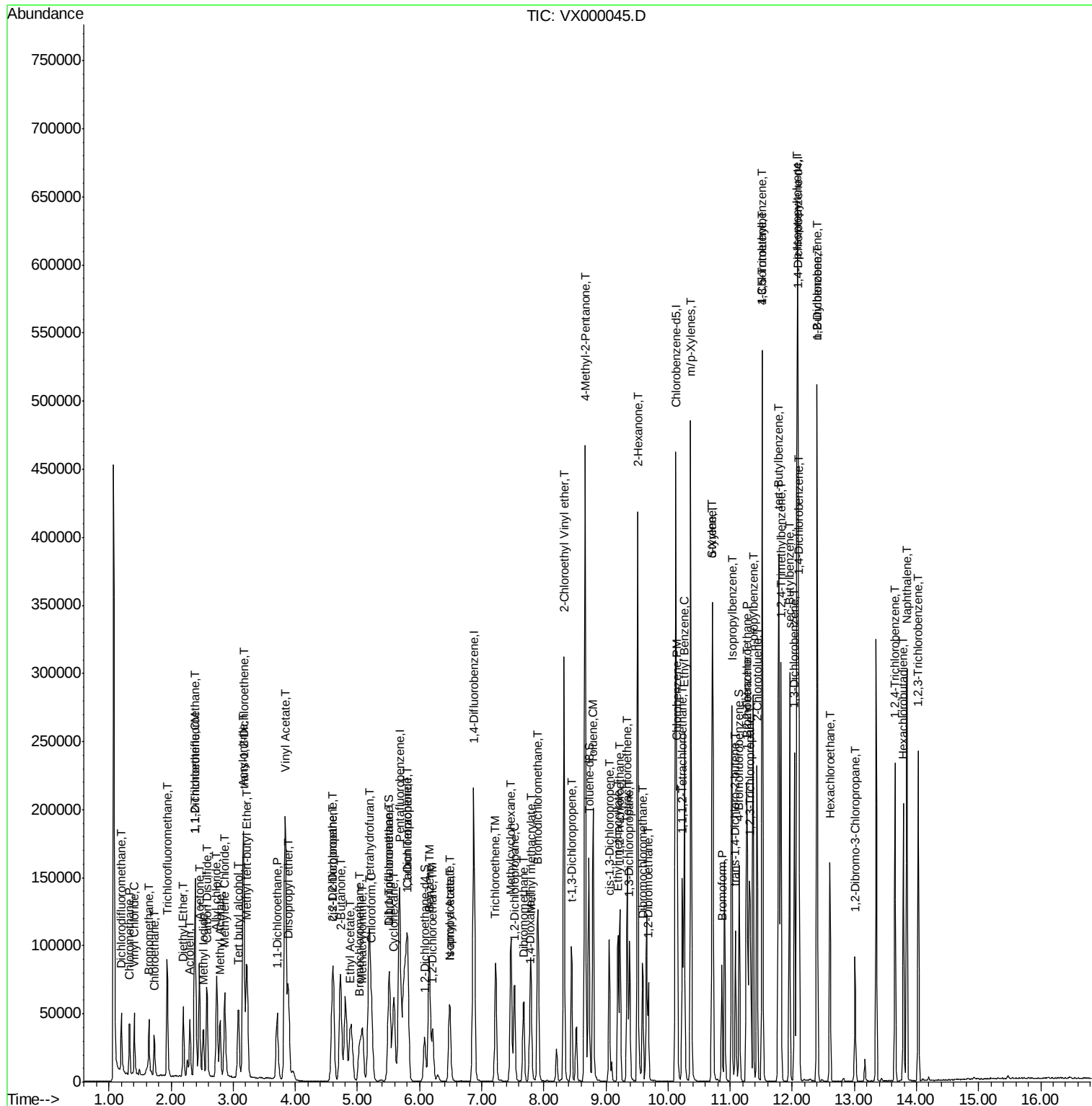
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	59649	20.36	ug/l	99
94) Hexachlorobutadiene	13.79	225	28531	21.27	ug/l	98
95) Naphthalene	13.85	128	194648	19.78	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	58605	20.42	ug/l	100

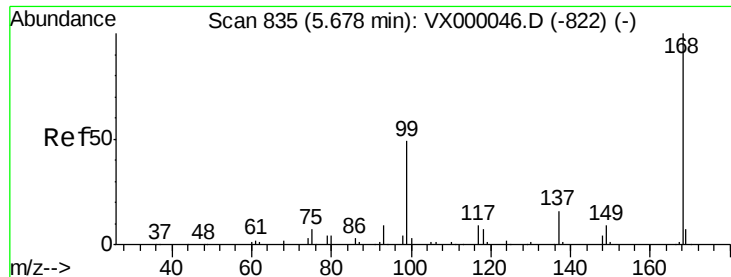
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 4      Sample Multiplier: 1
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ClientSampleId :
VSTDICC020

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

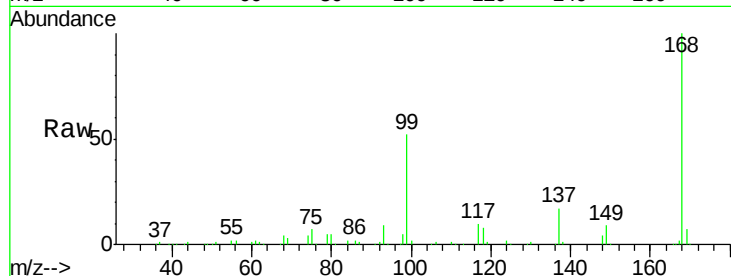
Instrument :
ClientSampled :
VSTDIC020

Tgt Ion: 168 Resp: 145611

Ion Ratio Lower Upper

168 100

99 51.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

60000

50000

40000

30000

20000

10000

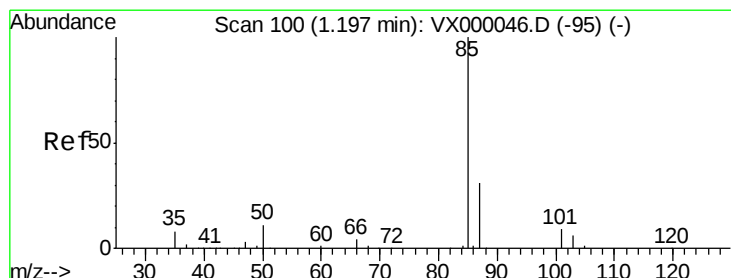
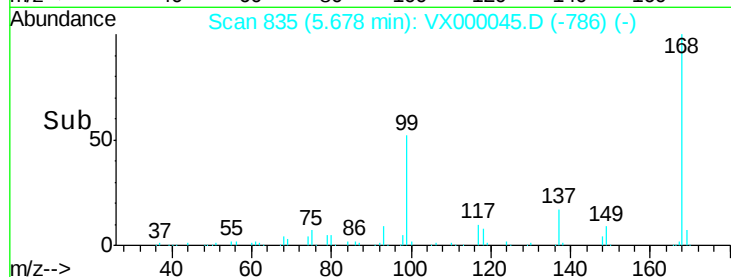
0

Time-->

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 20.46 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000045.D

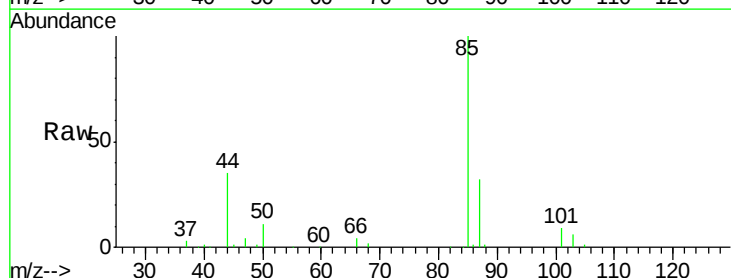
Acq: 09 Feb 2018 16:04

Tgt Ion: 85 Resp: 27077

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

15000

10000

5000

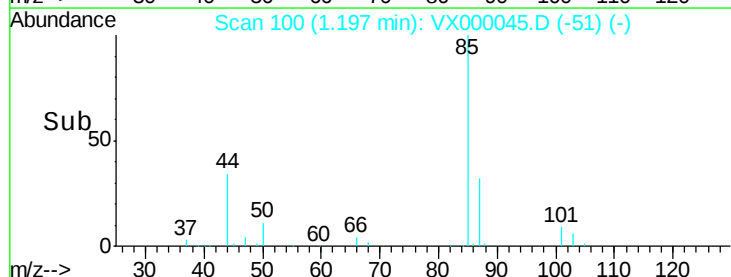
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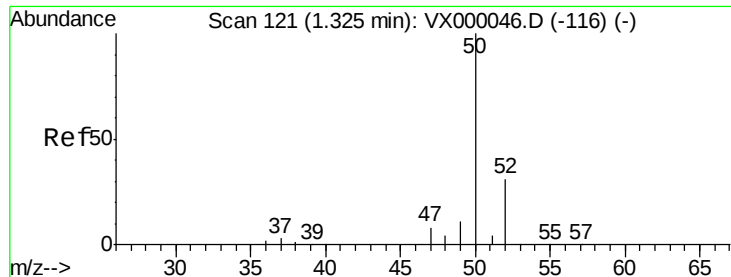
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 19.63 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

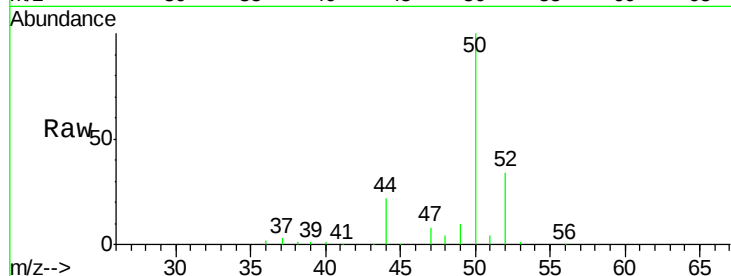
Instrument :
ClientSampled :
VSTDIC020

Tgt Ion: 50 Resp: 26967

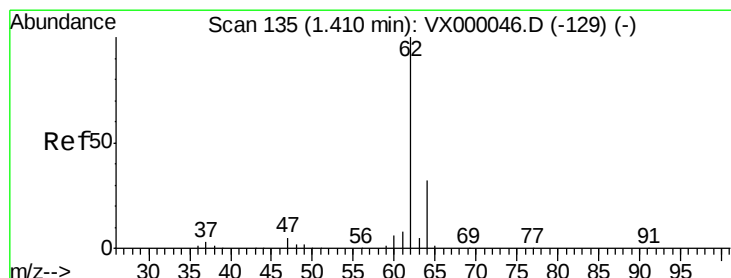
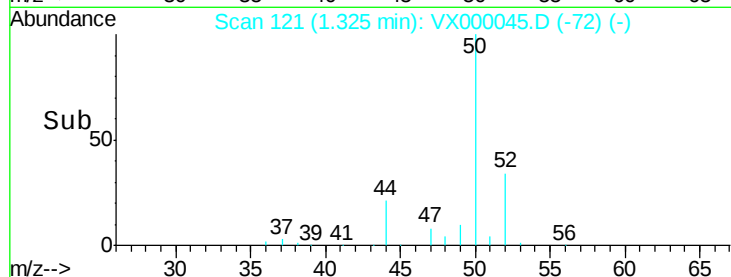
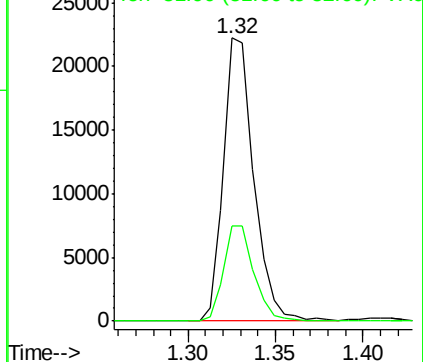
Ion Ratio Lower Upper

50 100

52 33.8 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.42 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000045.D

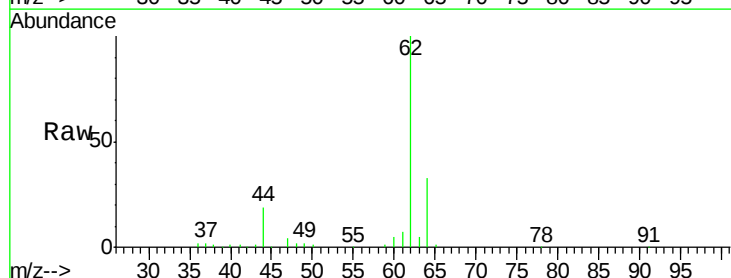
Acq: 09 Feb 2018 16:04

Tgt Ion: 62 Resp: 31562

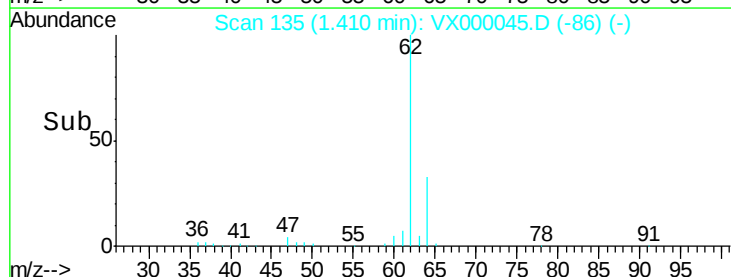
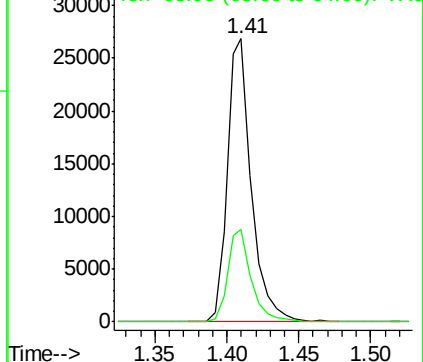
Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.02 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

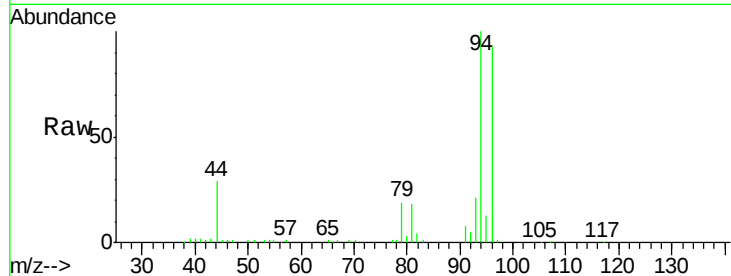
Instrument :
ClientSampleId :
VSTDIC020

Tgt Ion: 94 Resp: 16539

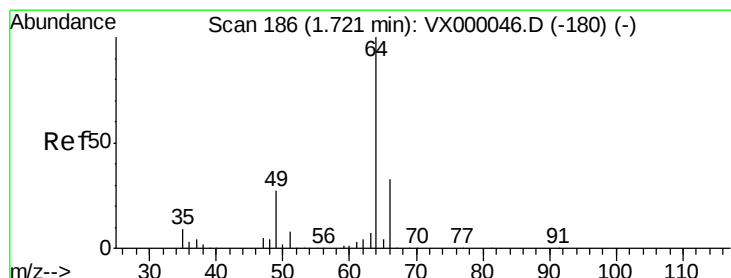
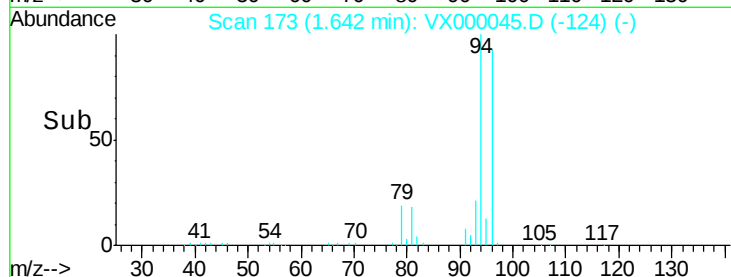
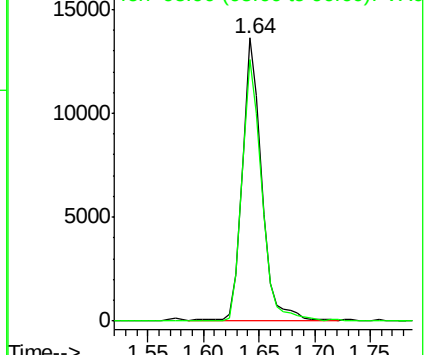
Ion Ratio Lower Upper

94 100

96 92.6 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.37 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000045.D

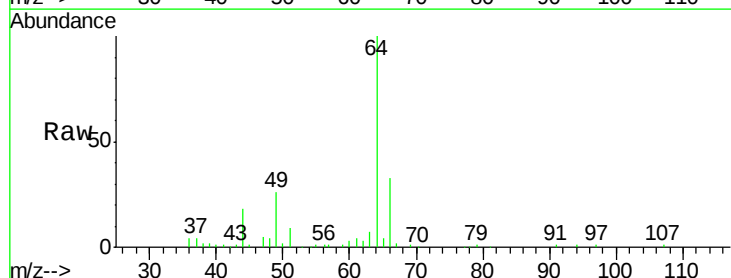
Acq: 09 Feb 2018 16:04

Tgt Ion: 64 Resp: 18603

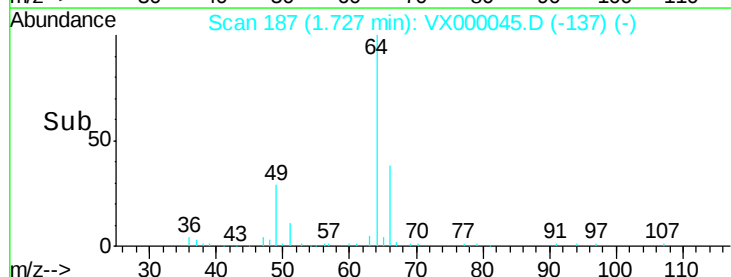
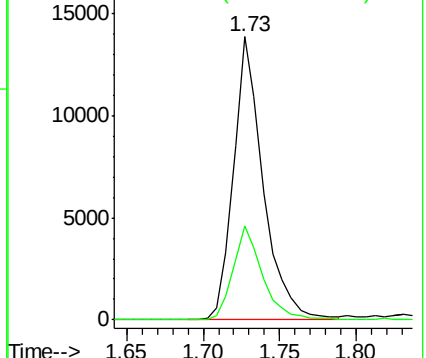
Ion Ratio Lower Upper

64 100

66 33.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



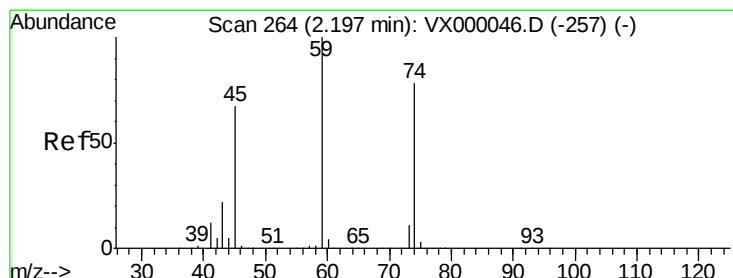
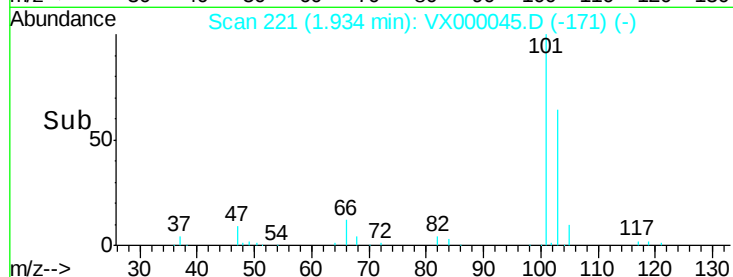
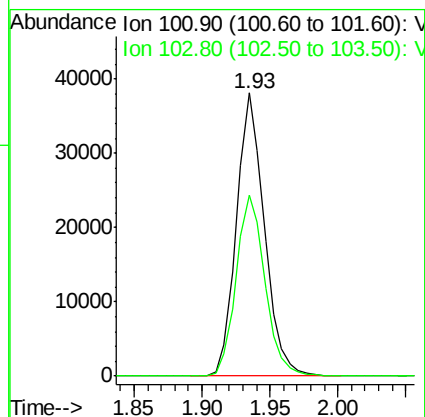
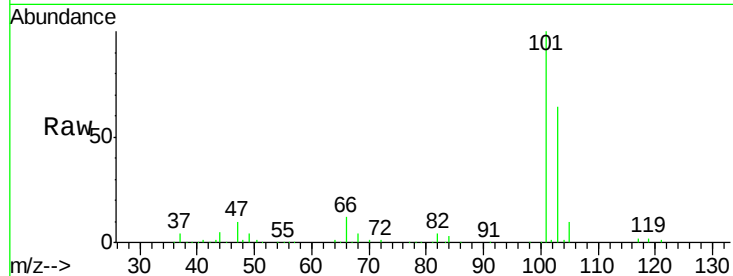


#7

Trichlorofluoromethane
Concen: 20.36 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampled :
VSTDIC020

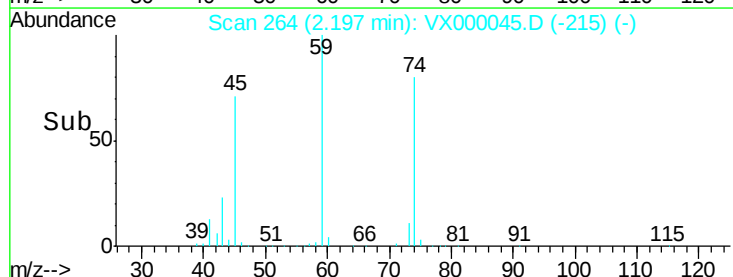
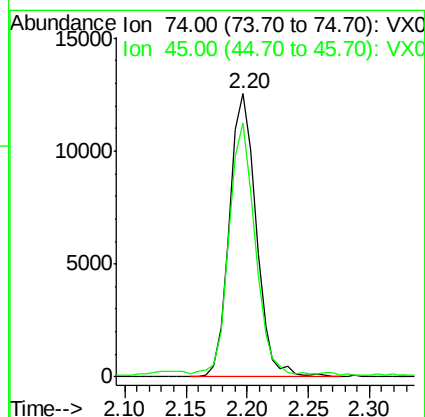
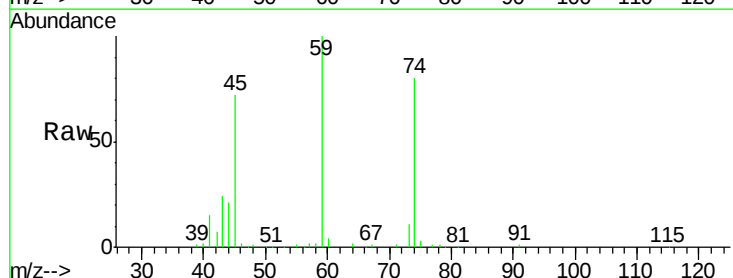
Tgt Ion:101 Resp: 54469
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5

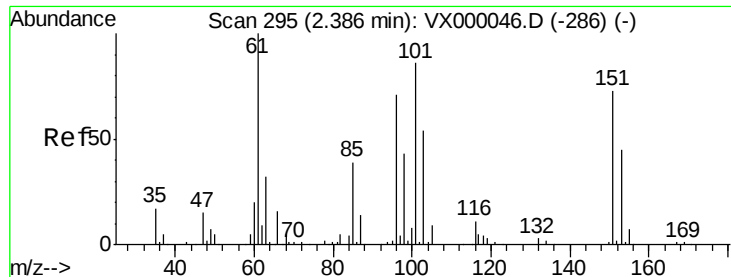


#8

Diethyl Ether
Concen: 20.34 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 74 Resp: 18950
Ion Ratio Lower Upper
74 100
45 86.8 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.83 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :

VSTDIC020

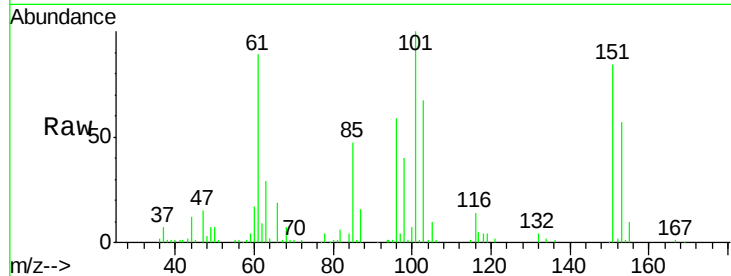
Tgt Ion:101 Resp: 31067

Ion Ratio Lower Upper

101 100

85 45.3 36.6 54.8

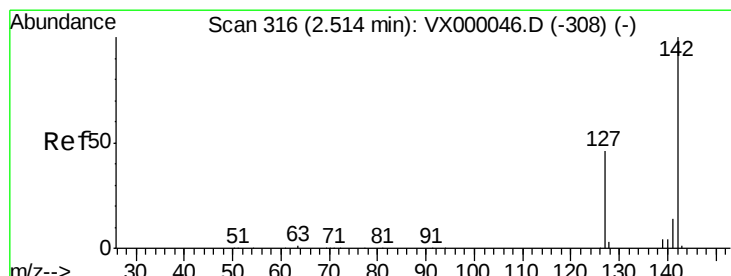
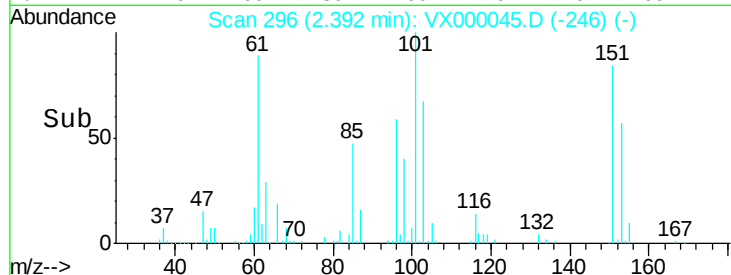
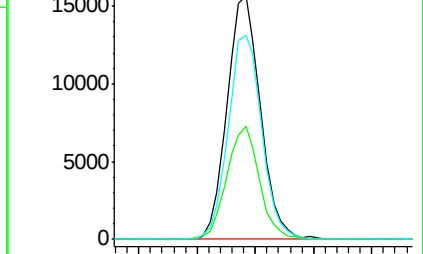
151 84.7 68.8 103.2



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: 19.52 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

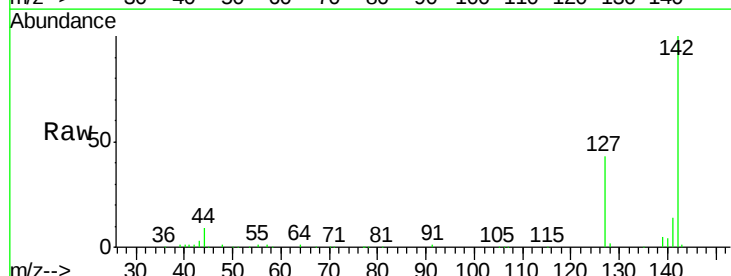
Tgt Ion:142 Resp: 33933

Ion Ratio Lower Upper

142 100

127 45.0 36.8 55.2

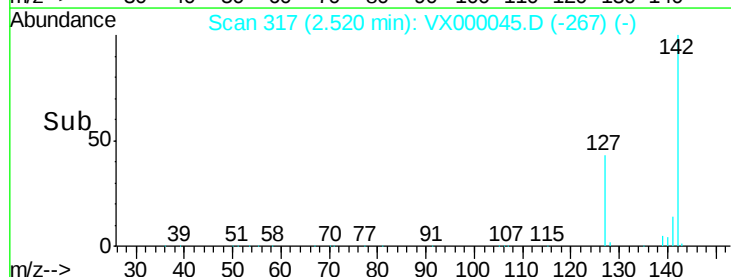
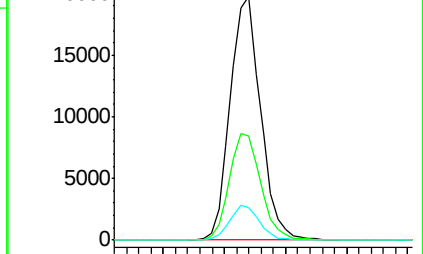
141 14.3 11.4 17.0

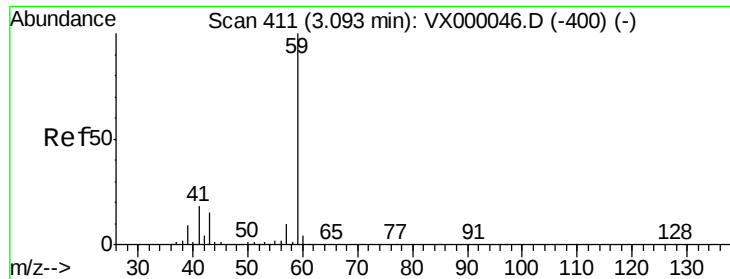


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



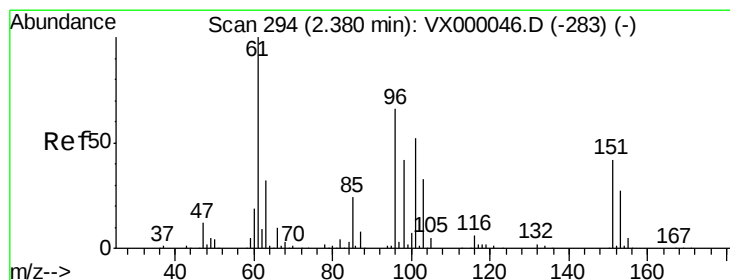
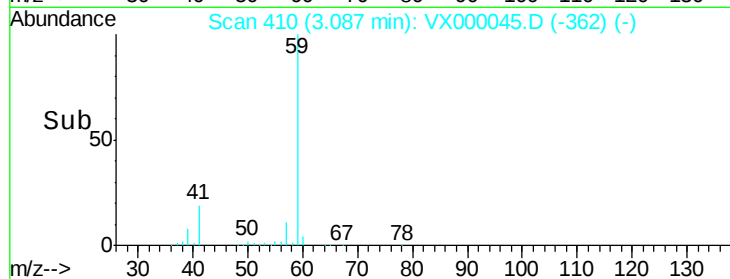
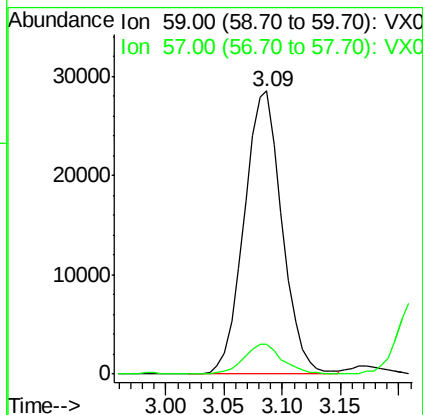
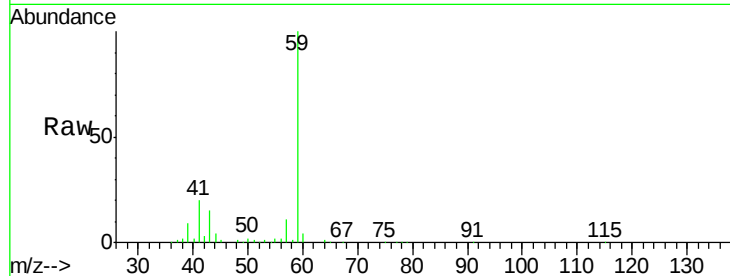


#11

Tert butyl alcohol
Concen: 95.77 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampleId :
VSTDIC020

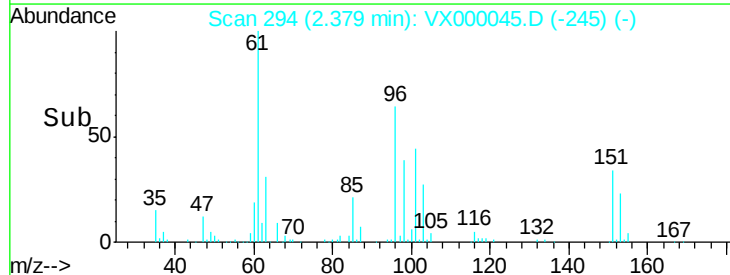
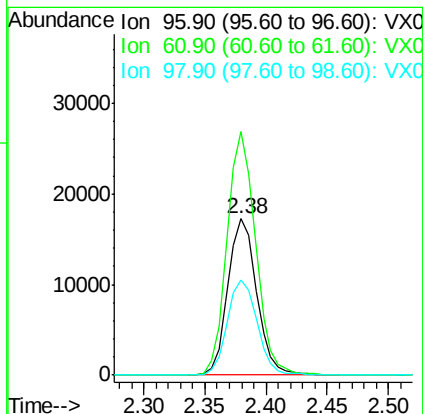
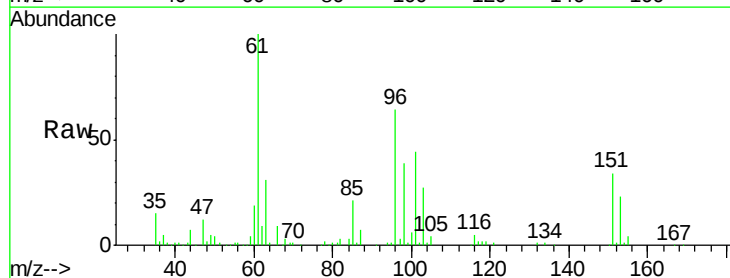
Tgt Ion: 59 Resp: 64508
Ion Ratio Lower Upper
59 100
57 11.0 8.4 12.6

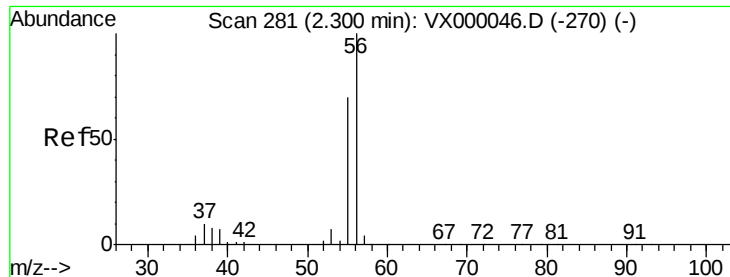


#12

1,1-Dichloroethene
Concen: 19.46 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 96 Resp: 28063
Ion Ratio Lower Upper
96 100
61 155.6 120.3 180.5
98 61.2 51.0 76.4





#13

Acrolein

Concen: 71.20 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

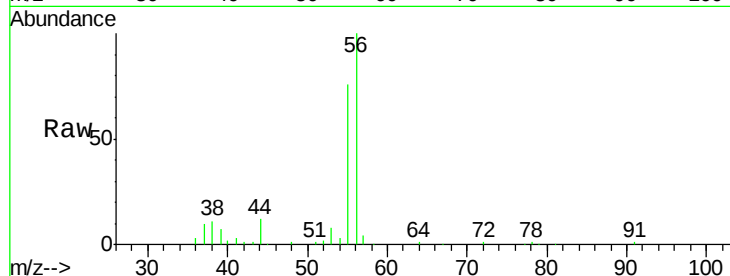
Instrument :
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 29271

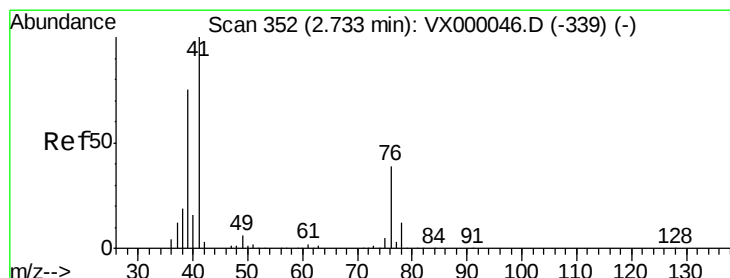
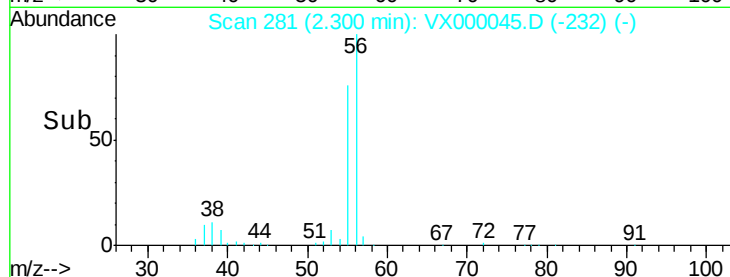
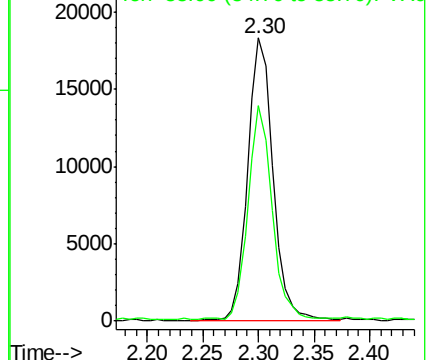
Ion Ratio Lower Upper

56 100

55 70.4 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.58 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

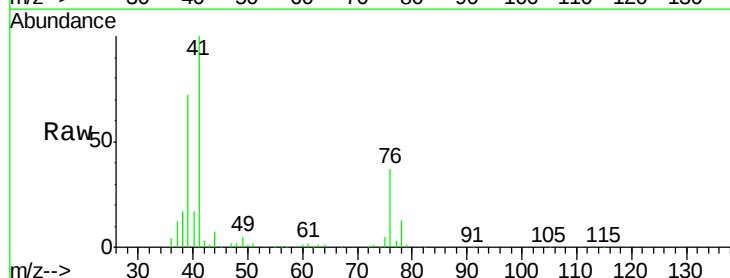
Tgt Ion: 41 Resp: 49233

Ion Ratio Lower Upper

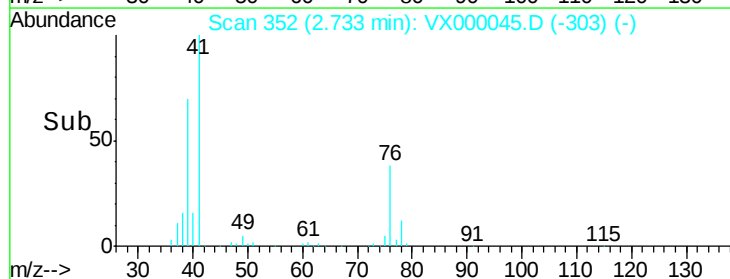
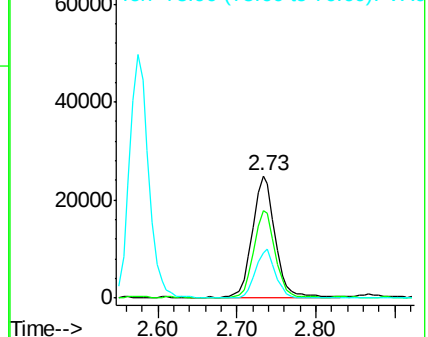
41 100

39 67.4 55.8 83.6

76 35.5 28.7 43.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 99.23 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampleId :

VSTDIC020

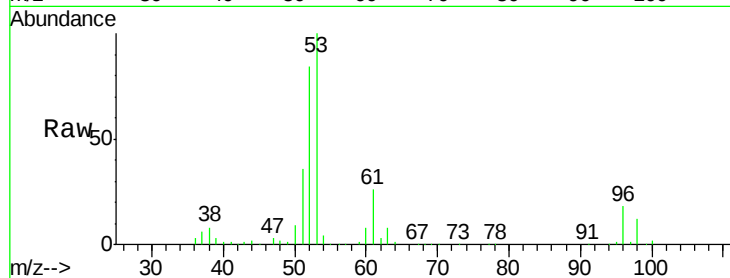
Tgt Ion: 53 Resp: 107980

Ion Ratio Lower Upper

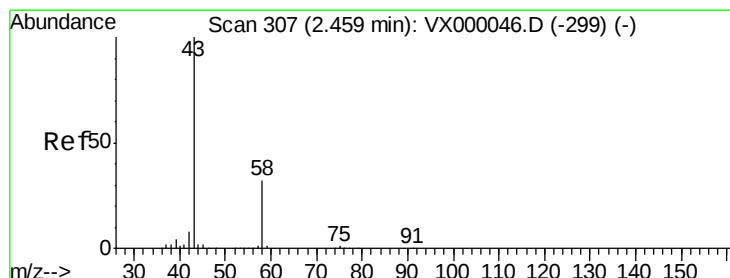
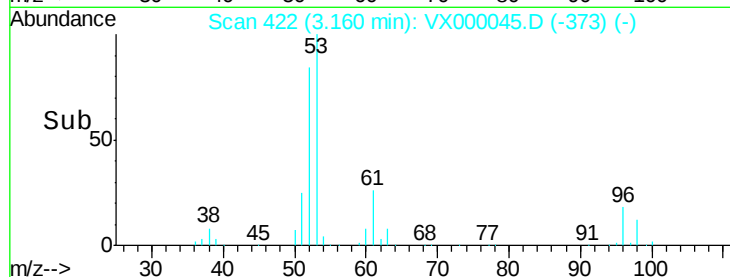
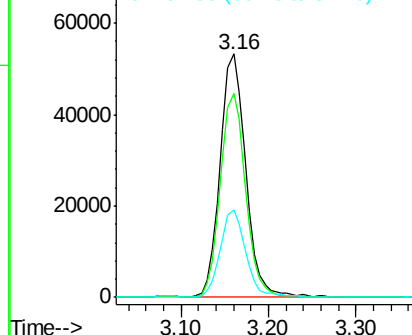
53 100

52 83.7 66.5 99.7

51 36.0 29.1 43.7



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



#16

Acetone

Concen: 67.88 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX000045.D

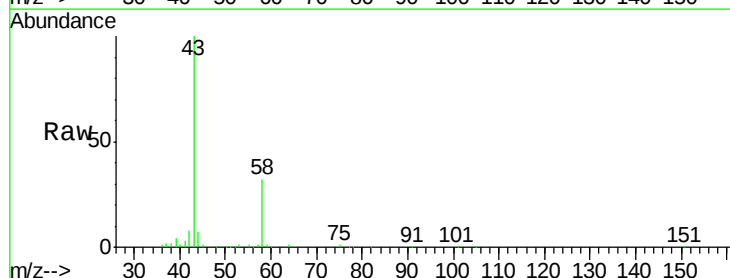
Acq: 09 Feb 2018 16:04

Tgt Ion: 43 Resp: 85802

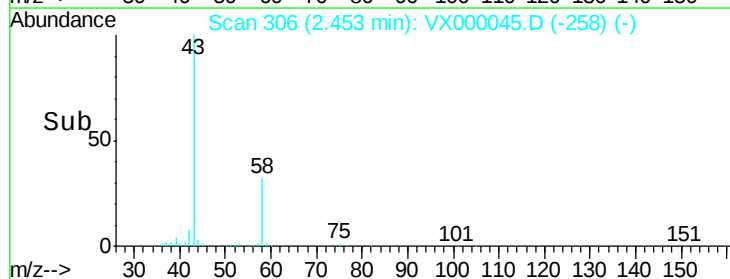
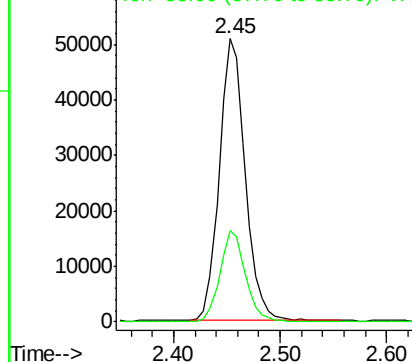
Ion Ratio Lower Upper

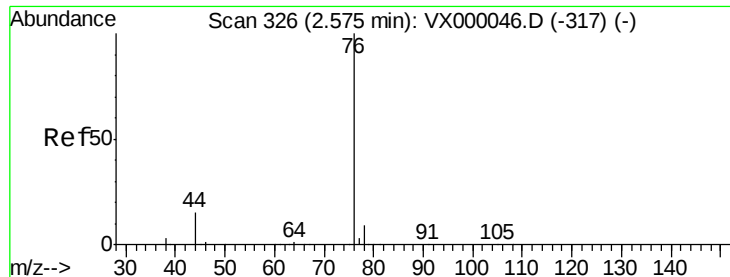
43 100

58 32.3 25.9 38.9



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

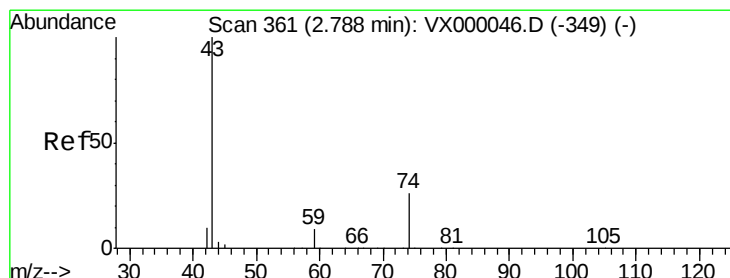
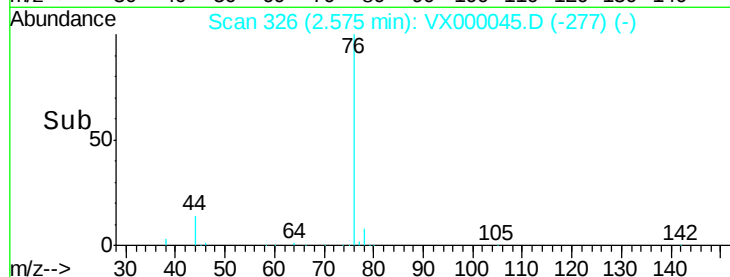
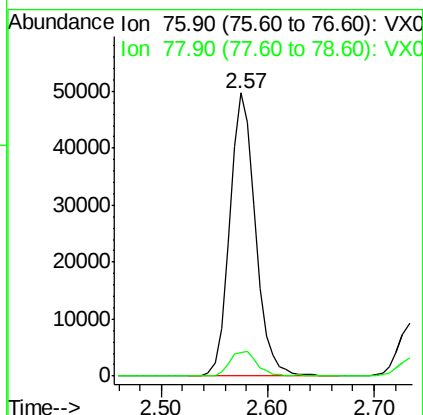
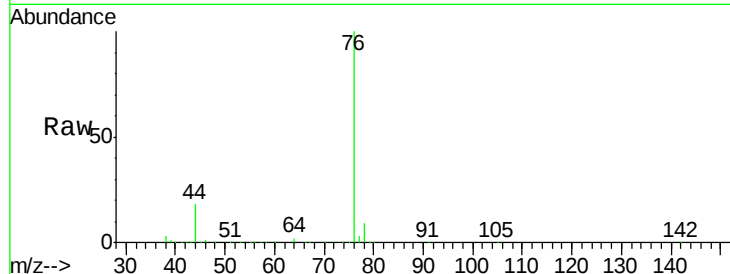




#17
Carbon Disulfide
Concen: 20.58 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

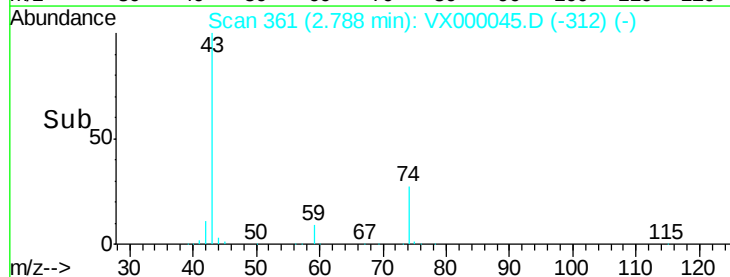
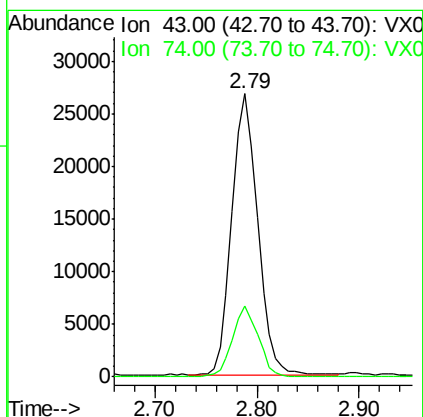
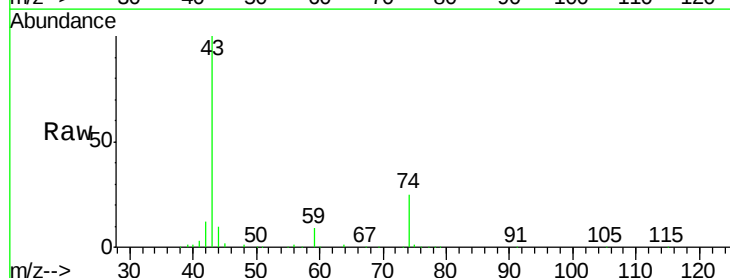
Instrument :
ClientSampleId :
VSTDIC020

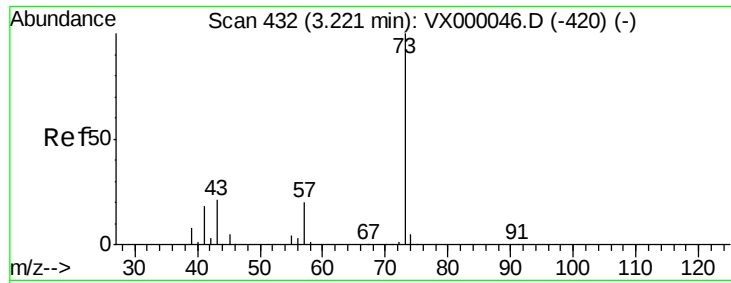
Tgt Ion: 76 Resp: 84062
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 19.38 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 43 Resp: 47508
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.4

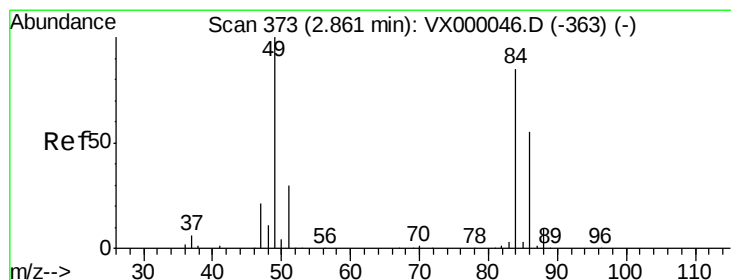
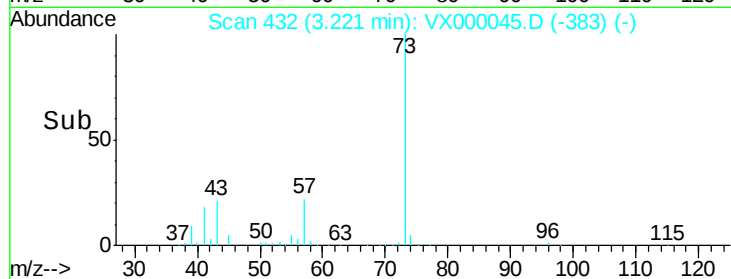
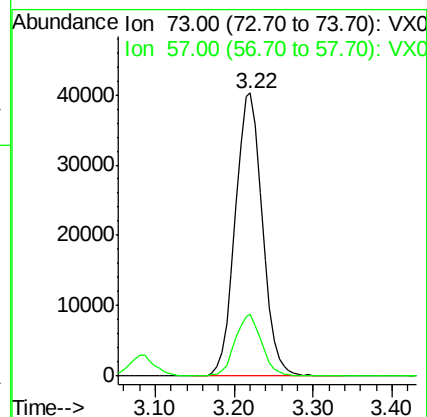
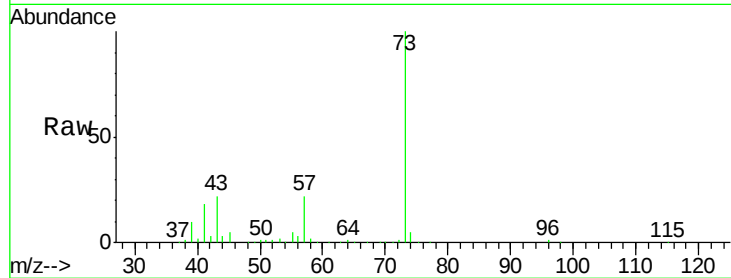




#19
Methyl tert-butyl Ether
Concen: 20.00 ug/l
RT: 3.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

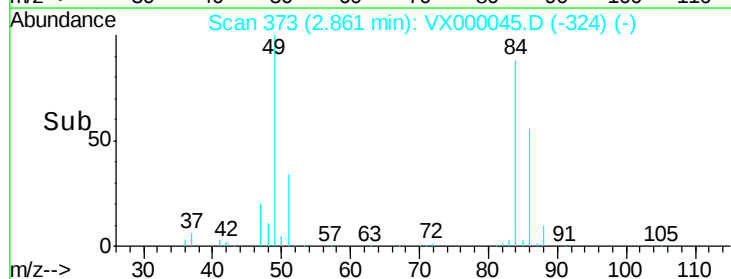
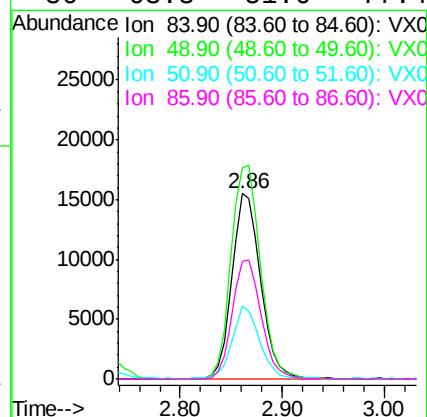
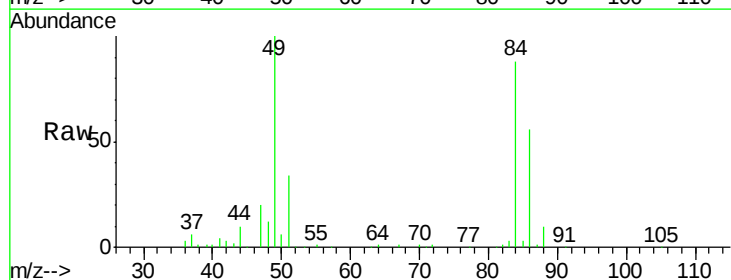
Instrument :
ClientSampled :
VSTDIC020

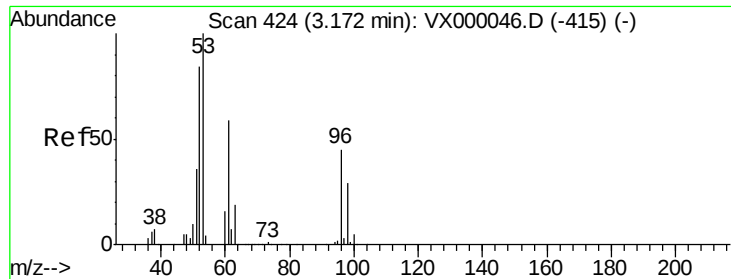
Tgt Ion: 73 Resp: 96462
Ion Ratio Lower Upper
73 100
57 21.6 16.2 24.4



#20
Methylene Chloride
Concen: 19.70 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 84 Resp: 30055
Ion Ratio Lower Upper
84 100
49 113.7 94.4 141.6
51 39.0 28.3 42.5
86 63.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.85 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :
ClientSampled :
VSTDIC020

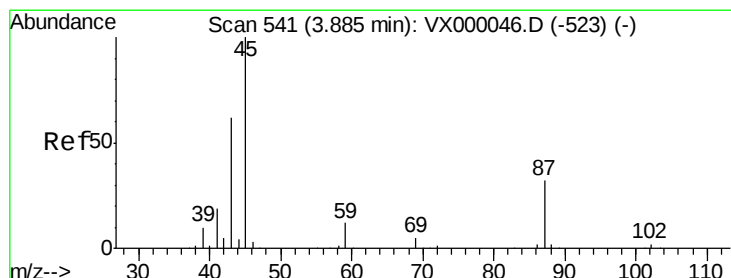
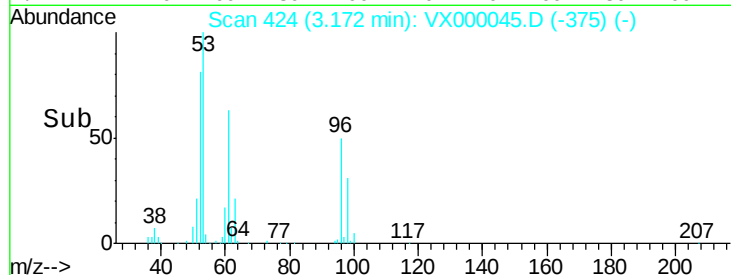
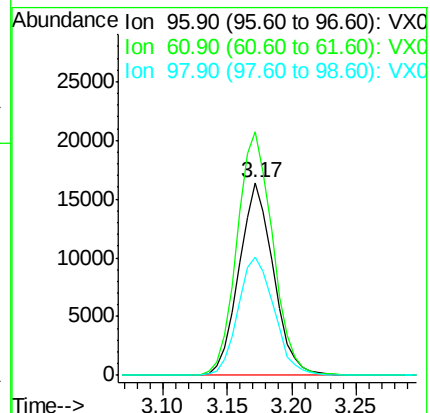
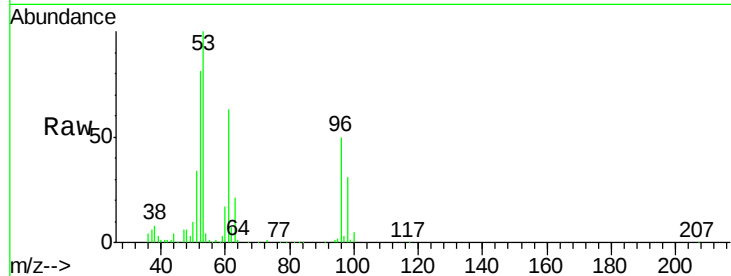
Tgt Ion: 96 Resp: 30402

Ion Ratio Lower Upper

96 100

61 126.4 104.9 157.3

98 61.4 52.4 78.6



#22

Diisopropyl ether

Concen: 17.41 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Tgt Ion: 45 Resp: 77061

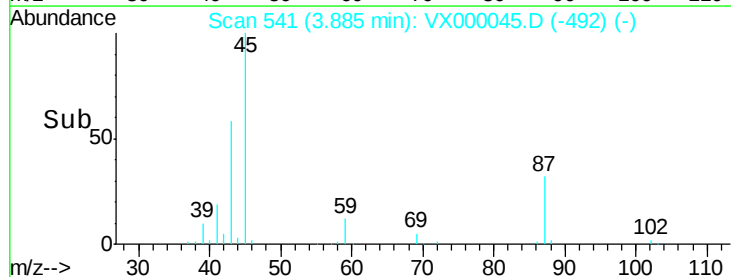
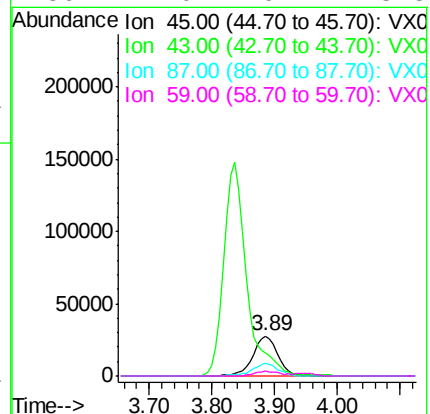
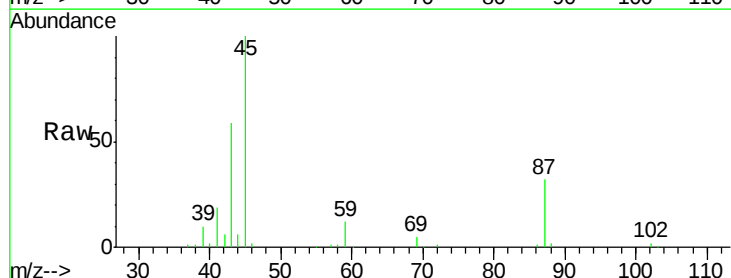
Ion Ratio Lower Upper

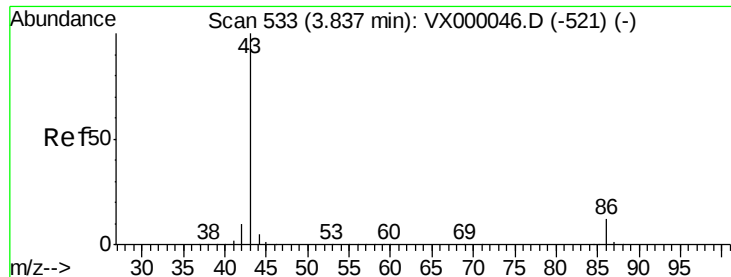
45 100

43 58.4 49.6 74.4

87 31.6 25.9 38.9

59 12.0 9.2 13.8





#23

Vinyl Acetate

Concen: 97.91 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :

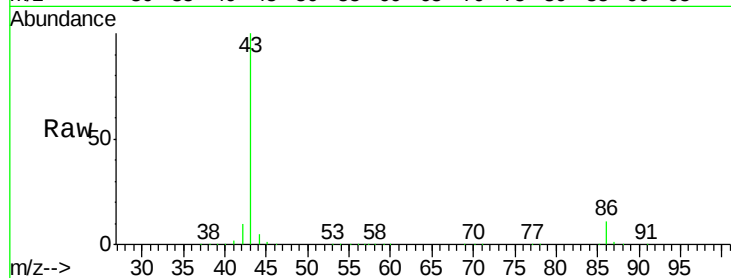
VSTDIC020

Tgt Ion: 43 Resp: 374259

Ion Ratio Lower Upper

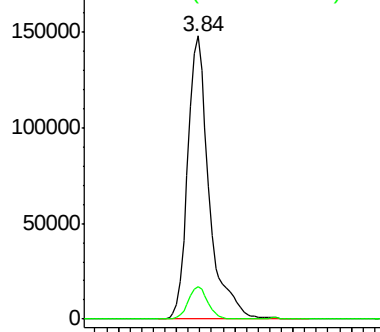
43 100

86 11.4 9.3 13.9

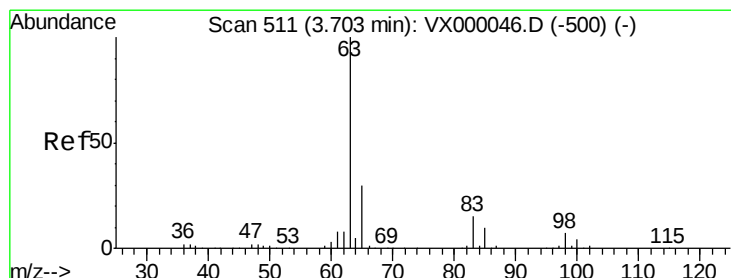
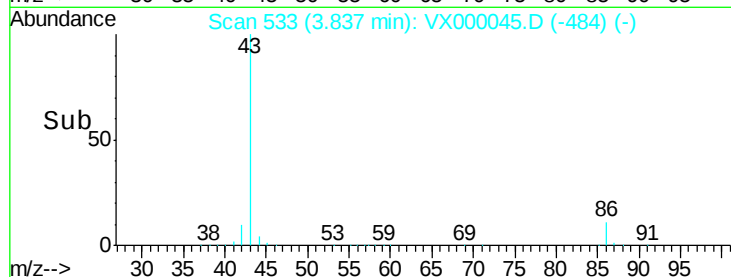


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 19.75 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

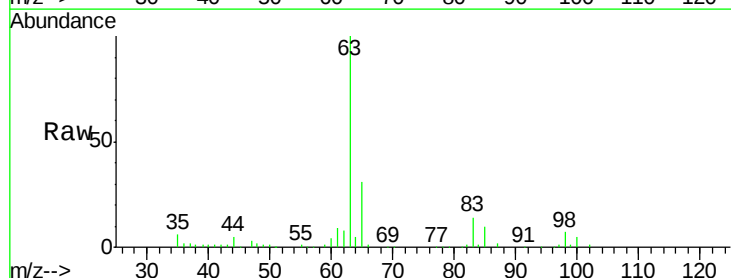
Tgt Ion: 63 Resp: 51476

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

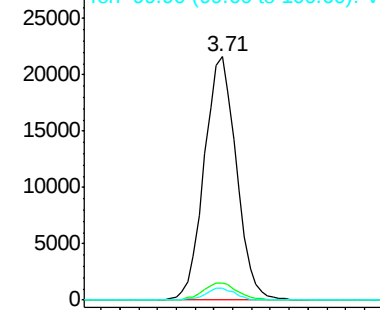
100 5.1 2.1 6.2



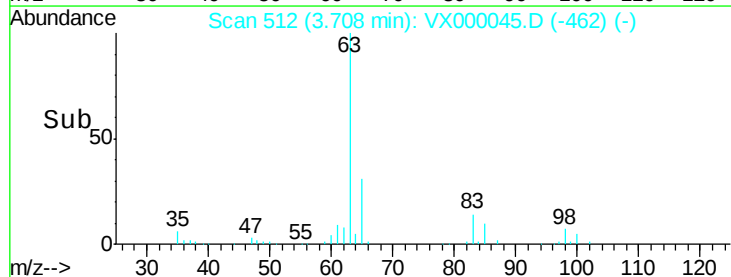
Abundance Ion 62.90 (62.60 to 63.60): VX0

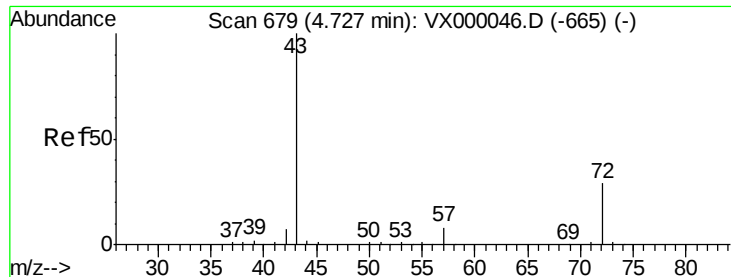
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 89.07 ug/l

RT: 4.73 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampleId :

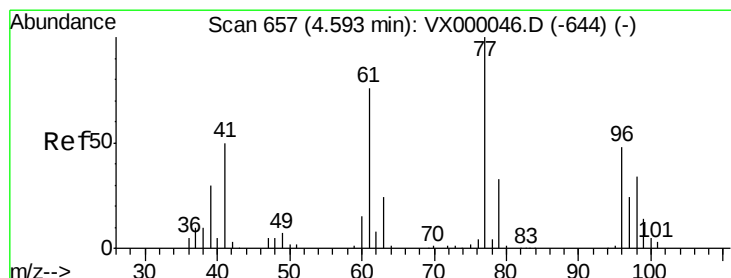
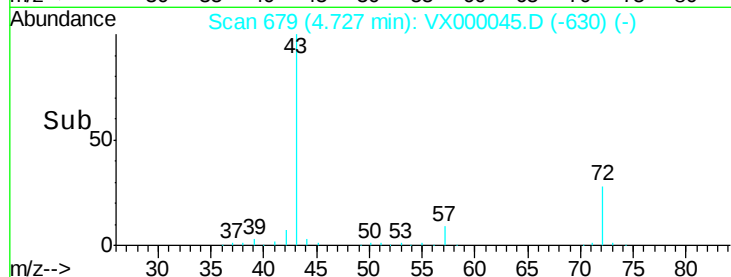
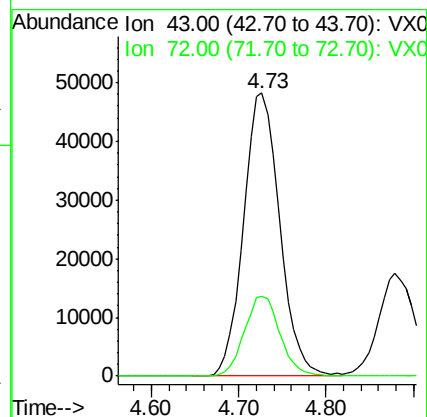
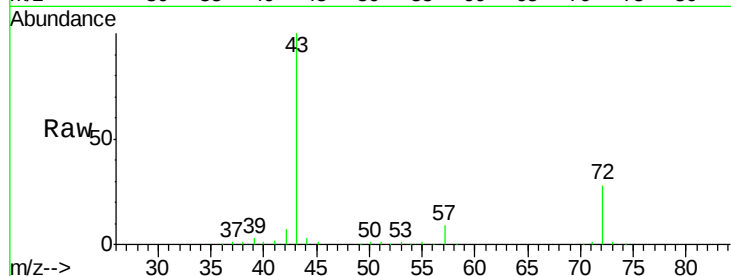
VSTDIC020

Tgt Ion: 43 Resp: 138974

Ion Ratio Lower Upper

43 100

72 28.1 23.0 34.6



#26

2,2-Dichloropropane

Concen: 19.82 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000045.D

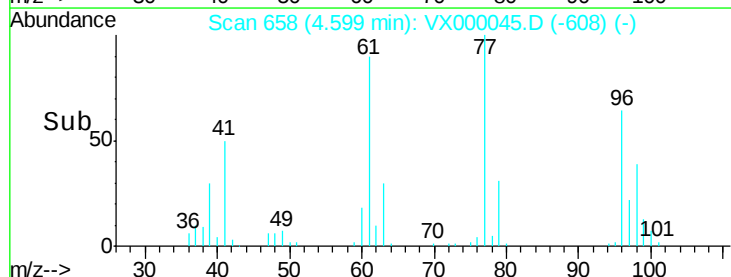
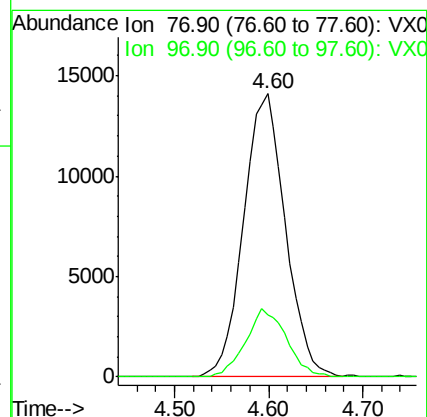
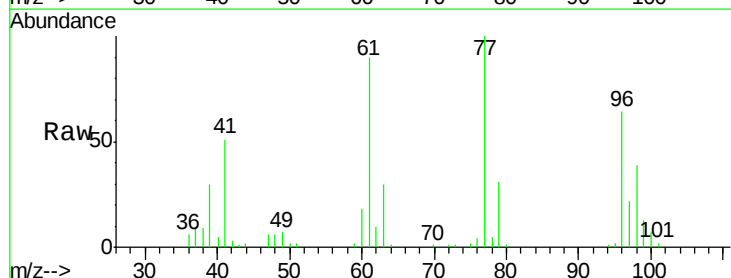
Acq: 09 Feb 2018 16:04

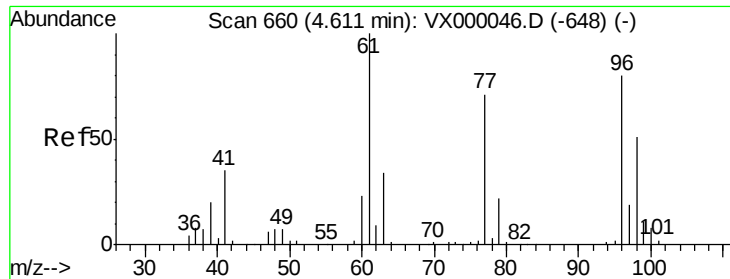
Tgt Ion: 77 Resp: 43819

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.4



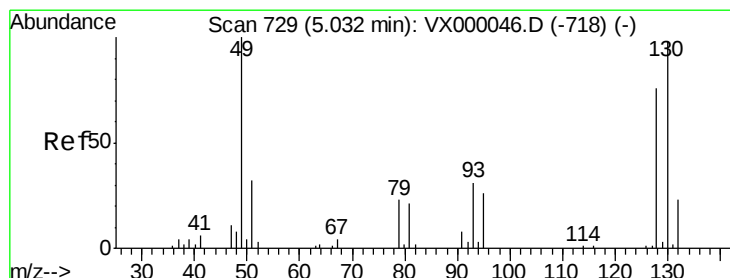
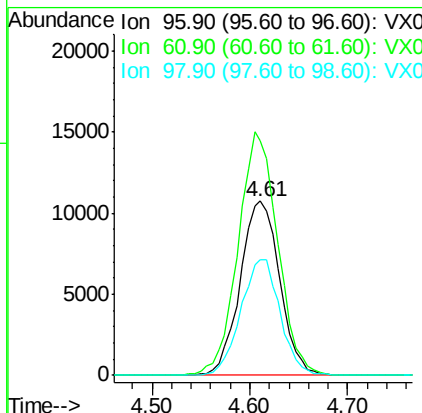
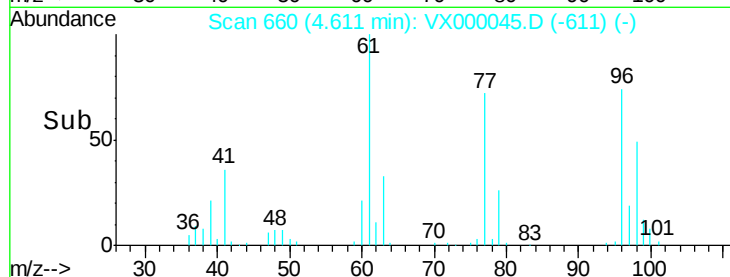
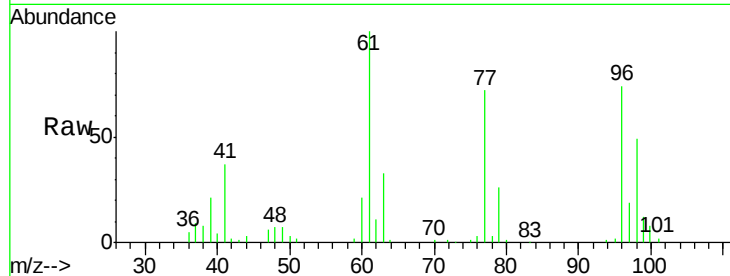


#27

cis-1,2-Dichloroethene
Concen: 20.17 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampled :
VSTDIC020

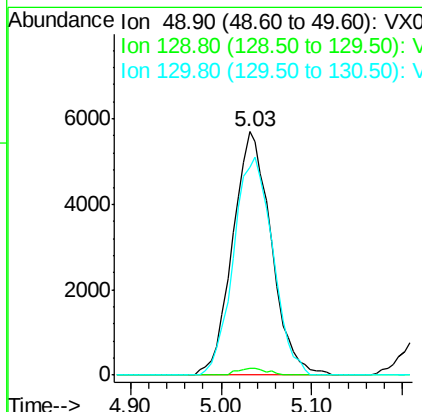
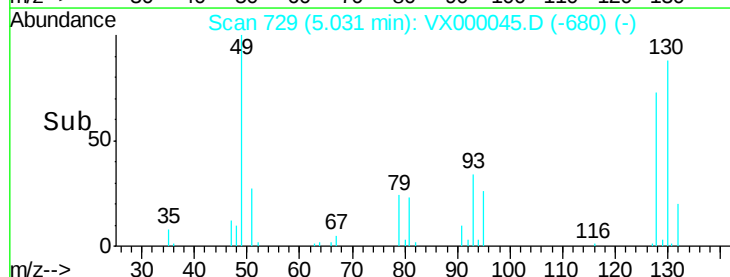
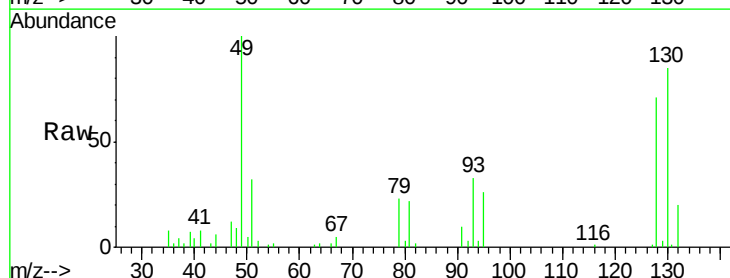
Tgt Ion: 96 Resp: 30147
Ion Ratio Lower Upper
96 100
61 139.9 0.0 274.4
98 66.1 0.0 132.4

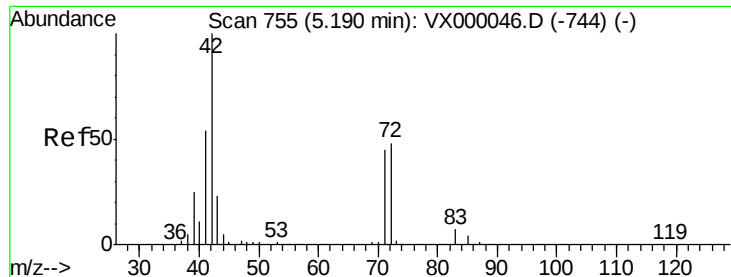


#28

Bromochloromethane
Concen: 19.57 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 49 Resp: 16906
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.0
130 90.8 75.6 113.4

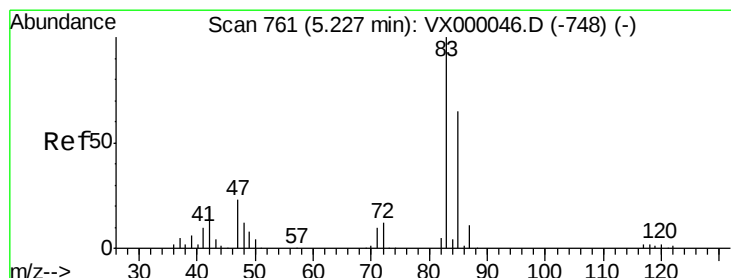
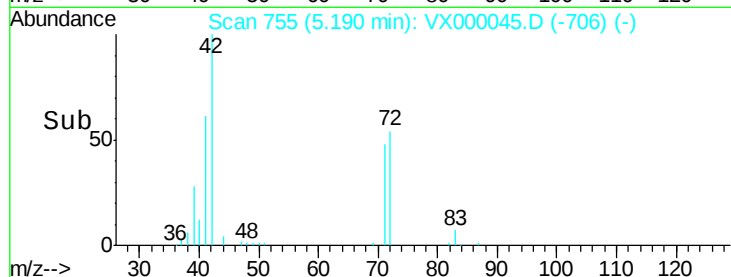
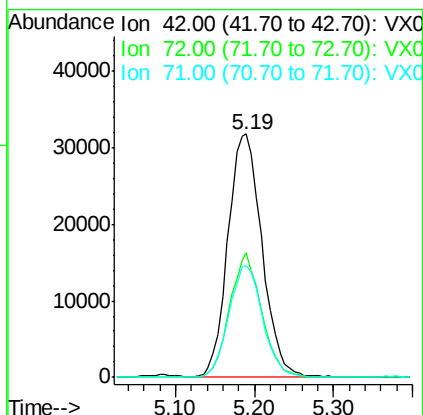
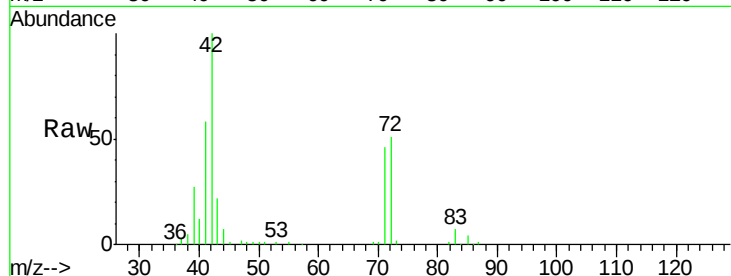




#29
Tetrahydrofuran
Concen: 98.14 ug/l
RT: 5.19 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

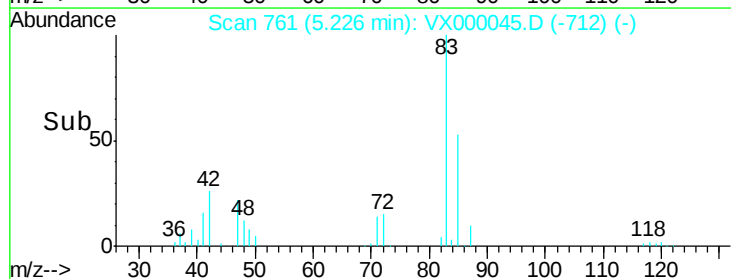
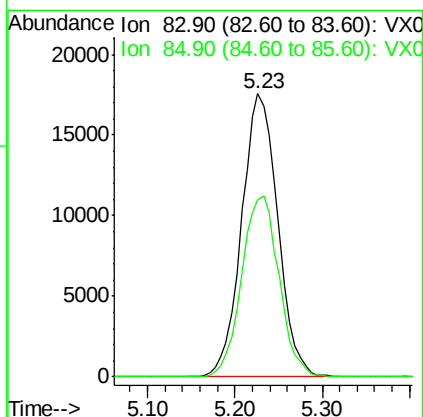
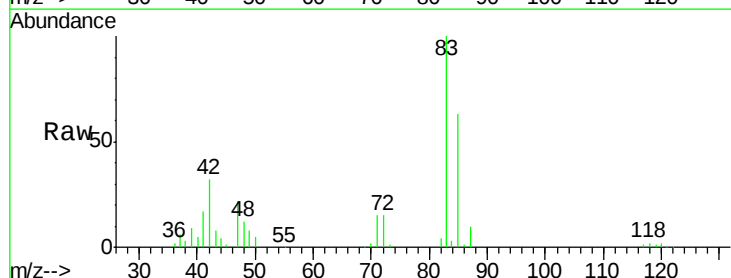
Instrument :
ClientSampleId :
VSTDIC020

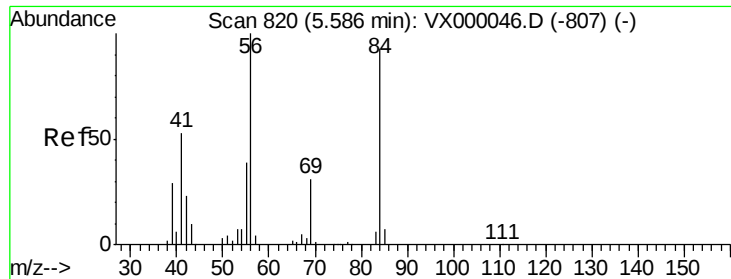
Tgt Ion: 42 Resp: 95011
Ion Ratio Lower Upper
42 100
72 48.0 39.0 58.6
71 45.8 36.7 55.1



#30
Chloroform
Concen: 20.14 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 83 Resp: 50364
Ion Ratio Lower Upper
83 100
85 62.6 51.9 77.9

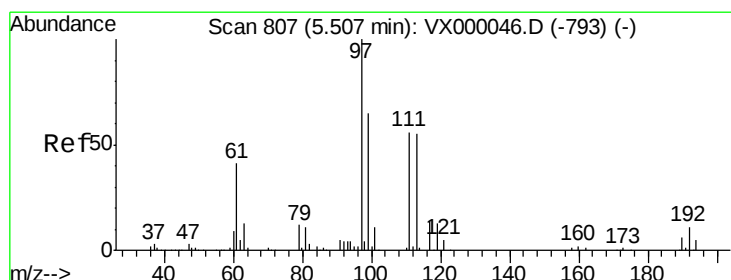
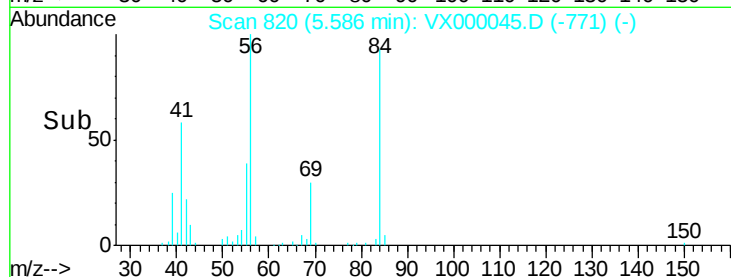
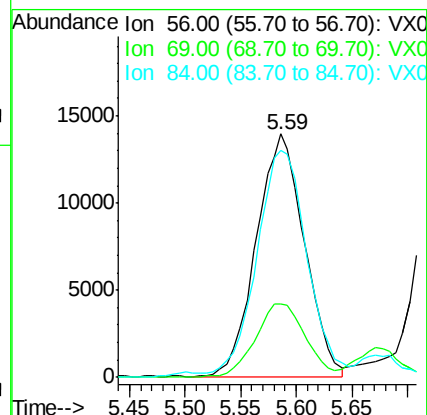
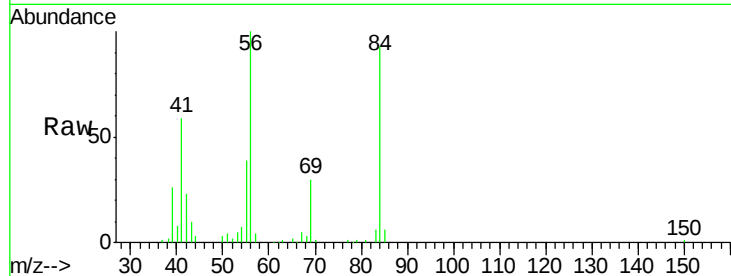




#31
Cyclohexane
Concen: 20.56 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

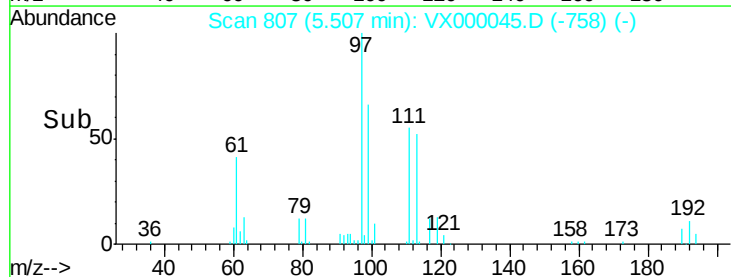
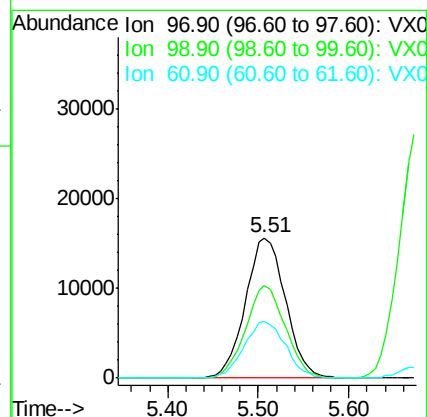
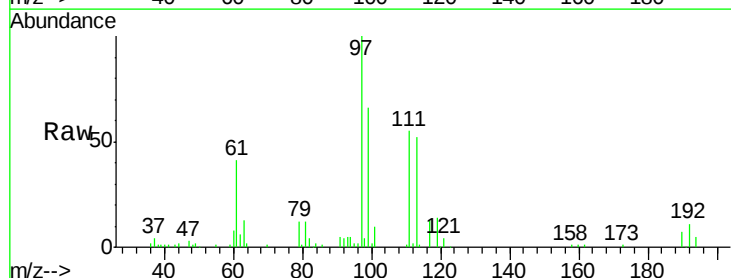
Instrument :
ClientSampleId :
VSTDIC020

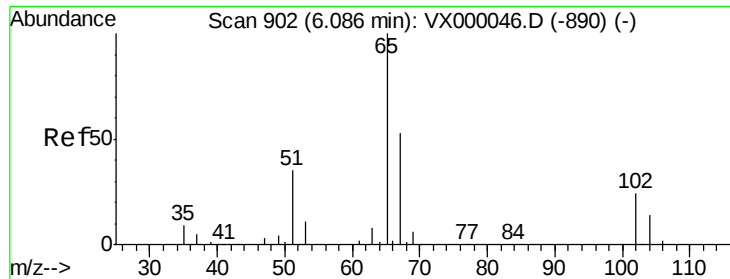
Tgt Ion: 56 Resp: 42135
Ion Ratio Lower Upper
56 100
69 30.1 24.5 36.7
84 91.4 74.8 112.2



#32
1,1,1-Trichloroethane
Concen: 19.93 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 97 Resp: 47744
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 41.8 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 19.26 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

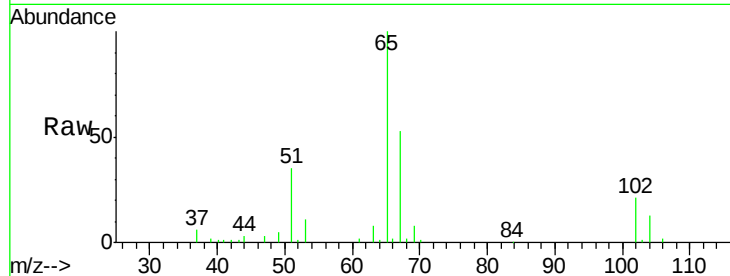
Instrument :
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 29924

Ion Ratio Lower Upper

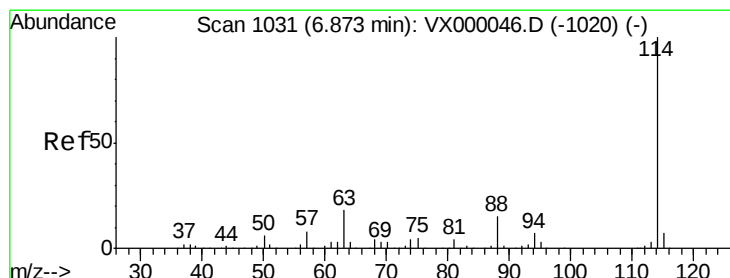
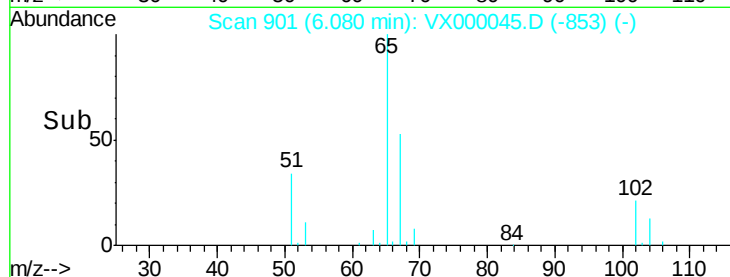
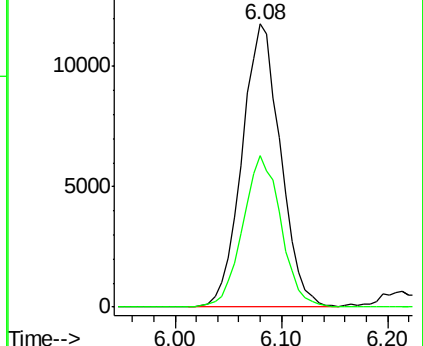
65 100

67 52.9 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

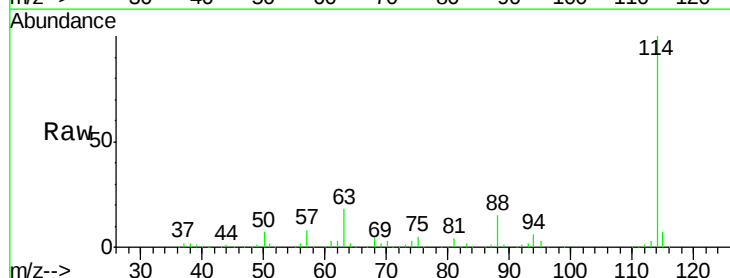
Tgt Ion: 114 Resp: 226436

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.0

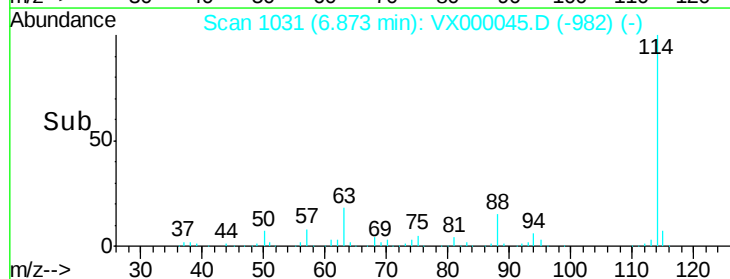
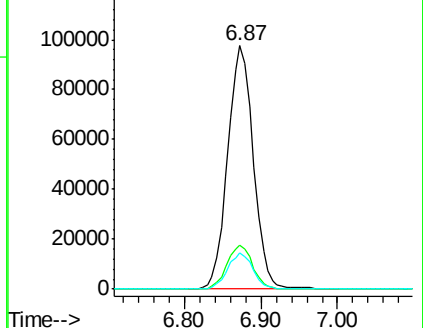
88 14.8 0.0 30.4

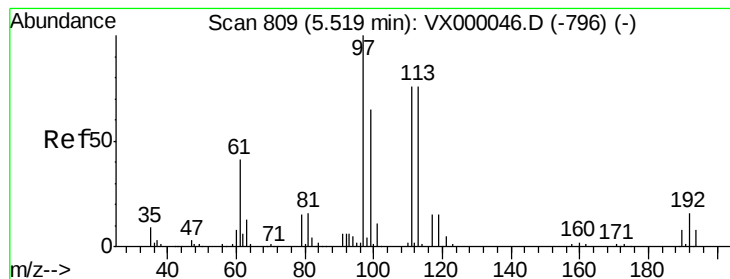


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 20.36 ug/l

RT: 5.52 min Scan# 809

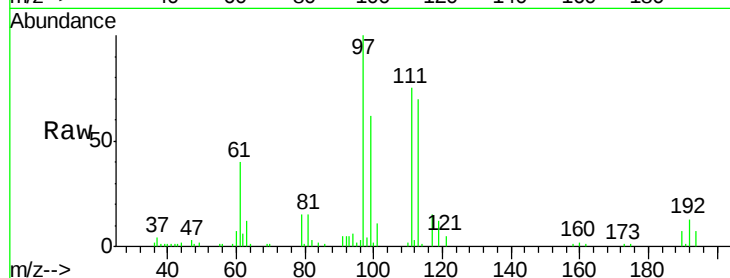
Delta R.T. -0.00 min

Lab File: VX000045.D

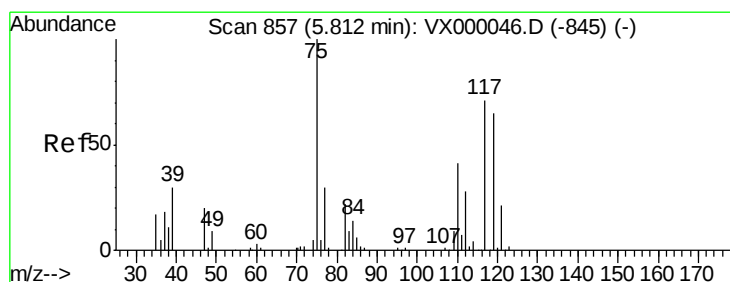
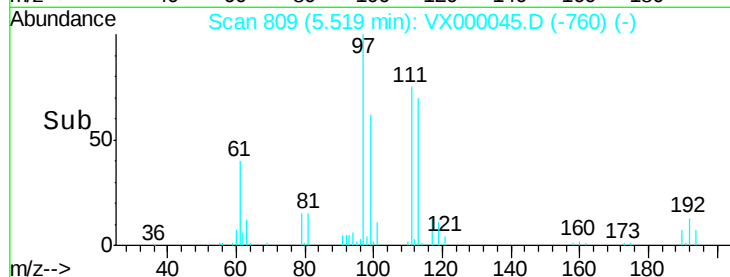
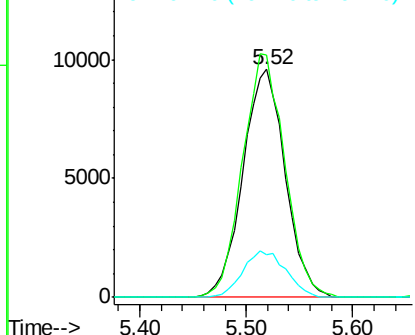
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampleId :
VSTDIC020

Tgt Ion:	113	Resp:	26701
Ion	Ratio	Lower	Upper
113	100		
111	106.3	80.5	120.7
192	20.7	16.9	25.3



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: 21.21 ug/l

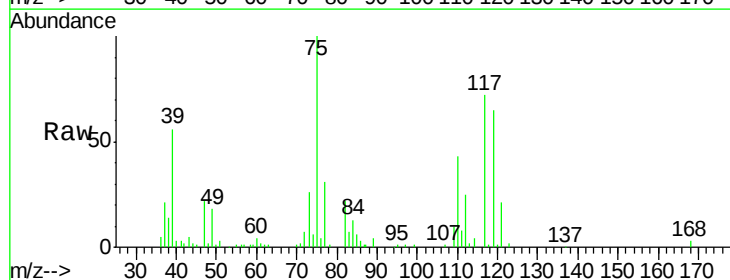
RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

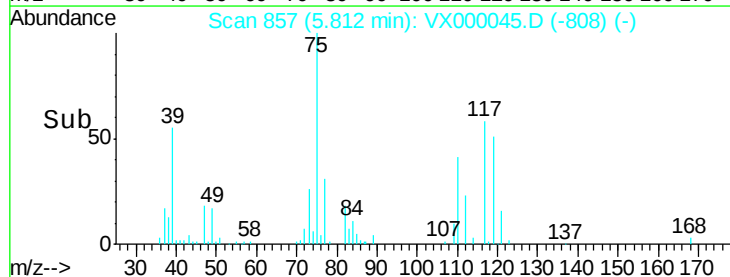
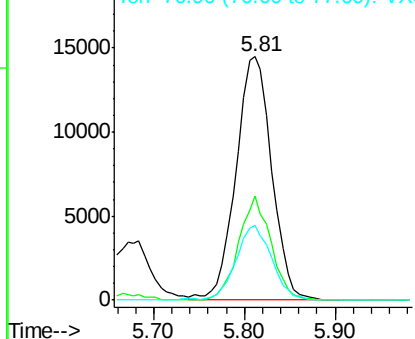
Lab File: VX000045.D

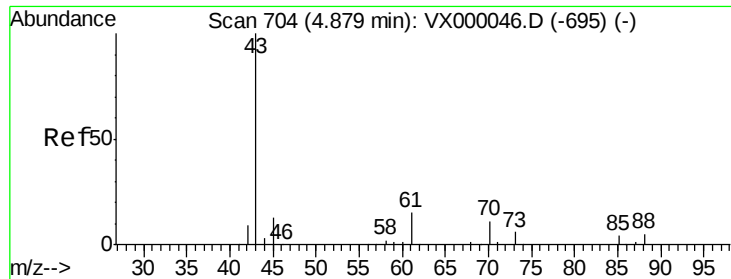
Acq: 09 Feb 2018 16:04

Tgt Ion:	75	Resp:	39520
Ion	Ratio	Lower	Upper
75	100		
110	38.4	19.4	58.4
77	30.6	24.2	36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

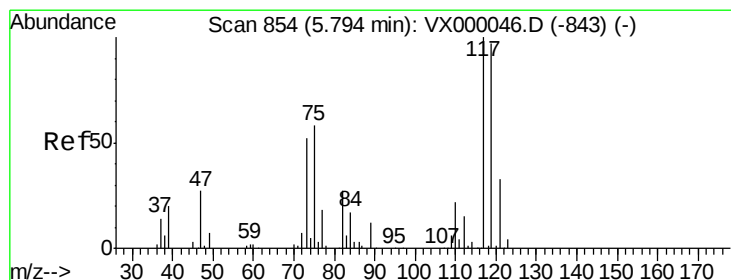
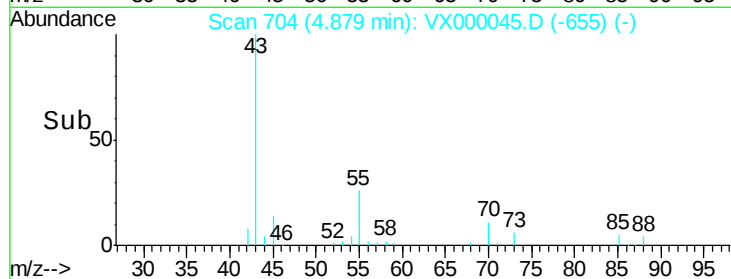
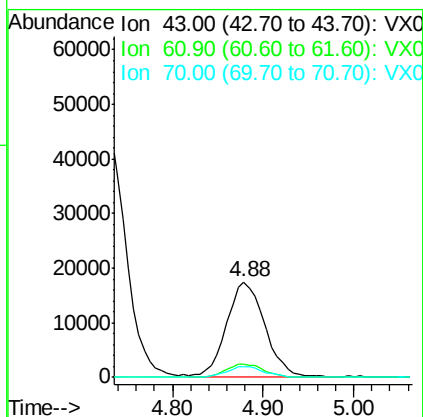
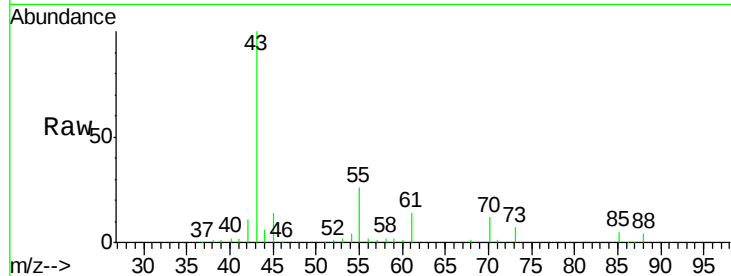




#37
Ethyl Acetate
Concen: 19.59 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

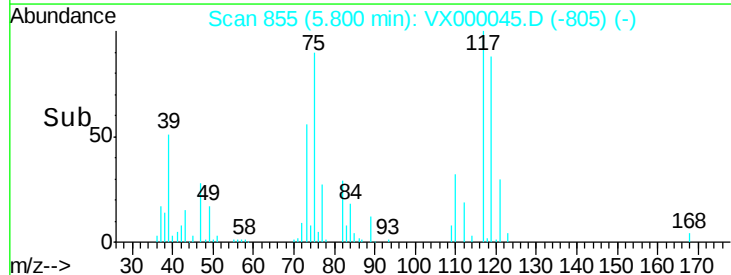
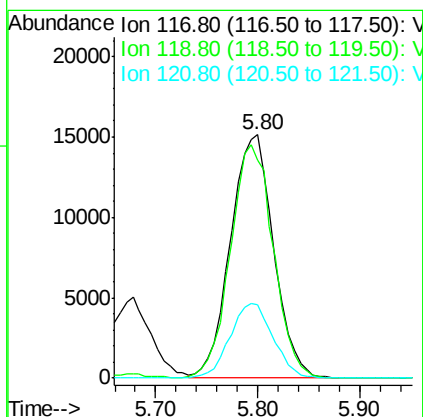
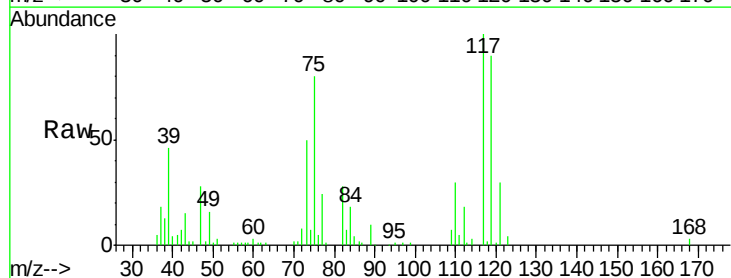
Instrument :
ClientSampleId :
VSTDIC020

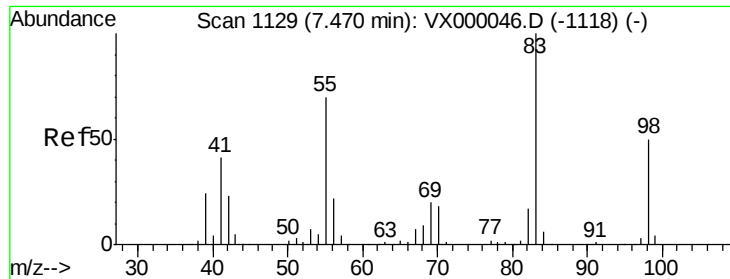
Tgt Ion: 43 Resp: 50483
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.2
70 11.2 9.0 13.6



#38
Carbon Tetrachloride
Concen: 22.66 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 117 Resp: 44506
Ion Ratio Lower Upper
117 100
119 89.8 76.9 115.3
121 29.9 25.8 38.8

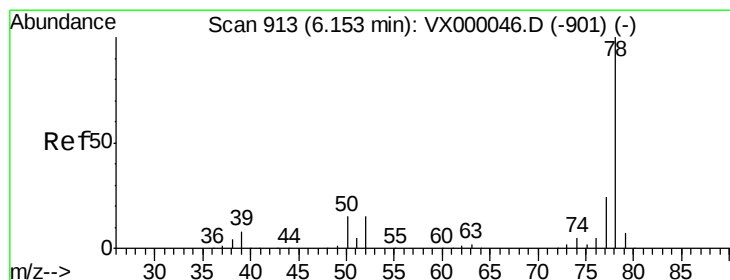
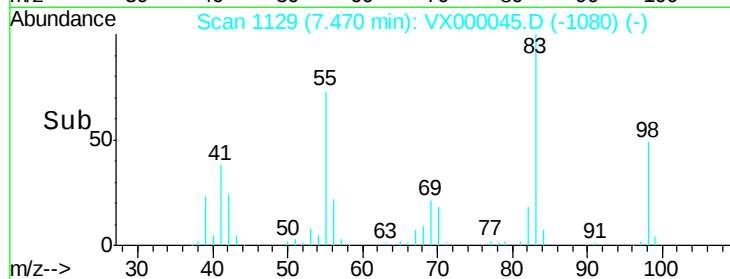
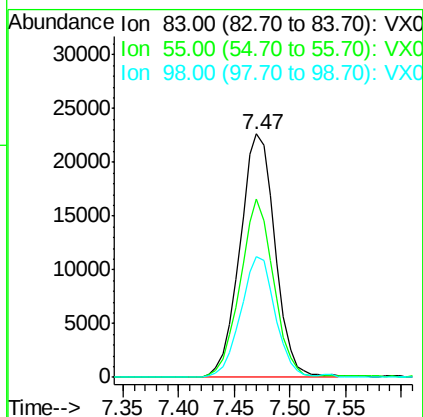
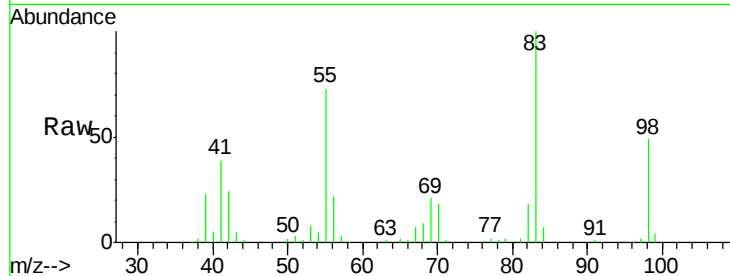




#39
Methylcyclohexane
Concen: 20.96 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

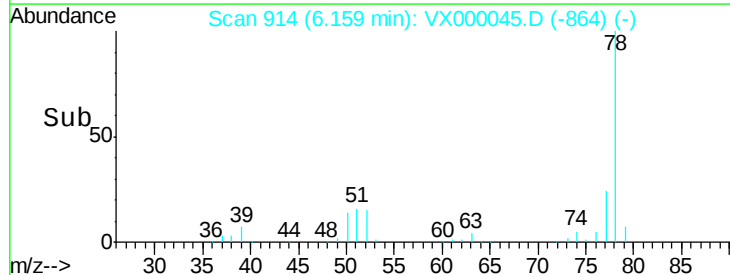
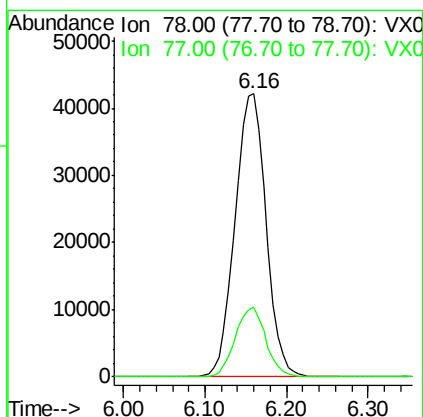
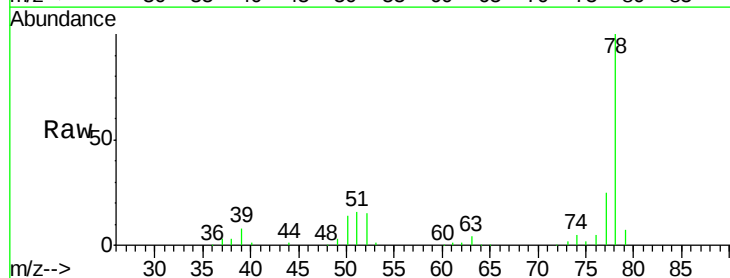
Instrument :
ClientSampleId :
VSTDIC020

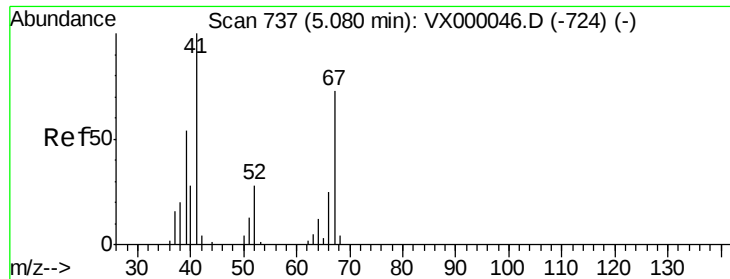
Tgt Ion: 83 Resp: 49732
Ion Ratio Lower Upper
83 100
55 73.2 55.7 83.5
98 49.5 39.7 59.5



#40
Benzene
Concen: 20.32 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 78 Resp: 111045
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.2





#41

Methacrylonitrile

Concen: 19.88 ug/l

RT: 5.08 min Scan# 737

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :
ClientSampled :
VSTDIC020

Tgt Ion: 41 Resp: 26679

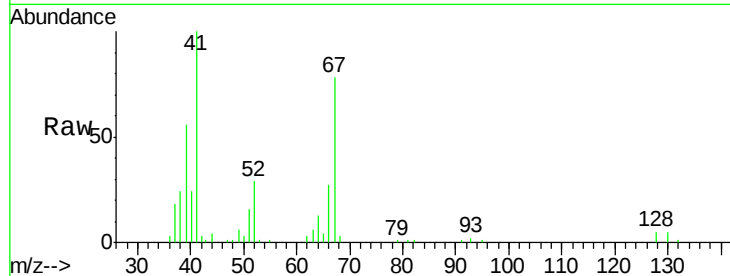
Ion Ratio Lower Upper

41 100

39 56.1 45.8 68.8

67 75.6 60.6 91.0

52 31.4 25.4 38.2

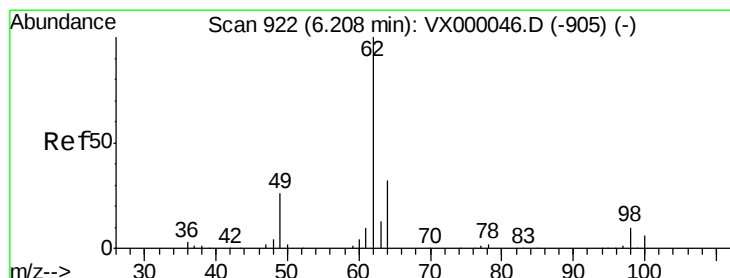
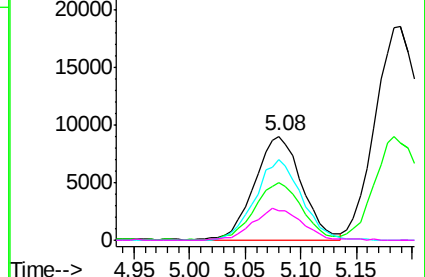
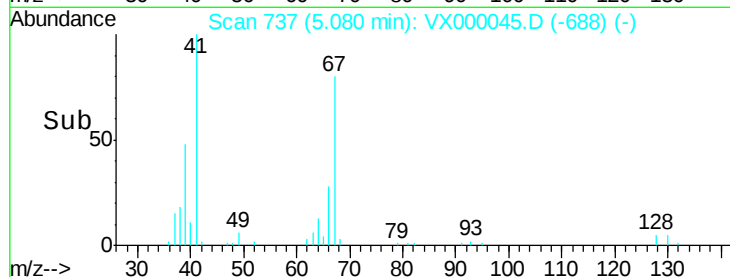


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.64 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.00 min

Lab File: VX000045.D

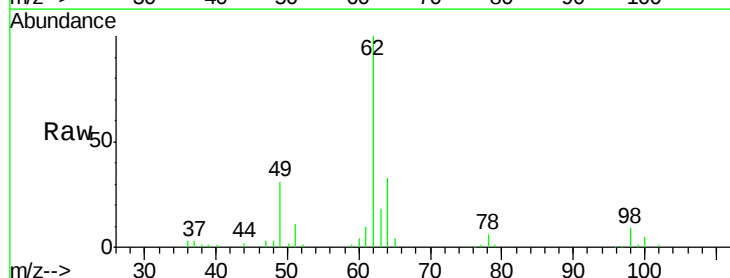
Acq: 09 Feb 2018 16:04

Tgt Ion: 62 Resp: 40343

Ion Ratio Lower Upper

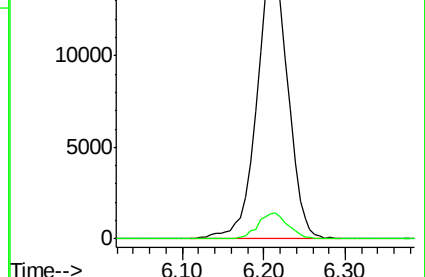
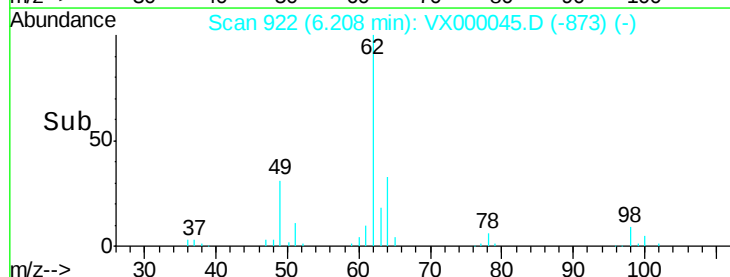
62 100

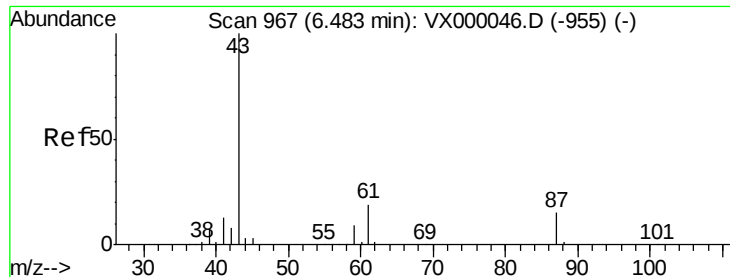
98 9.1 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.03 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :

VSTDIC020

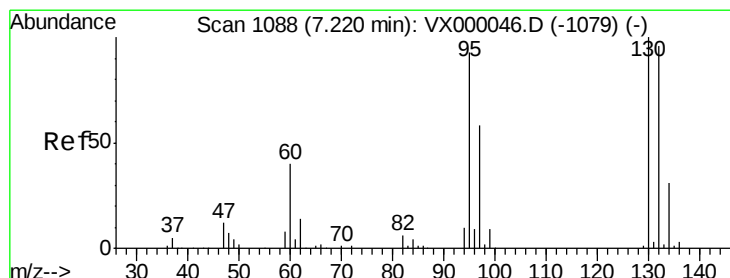
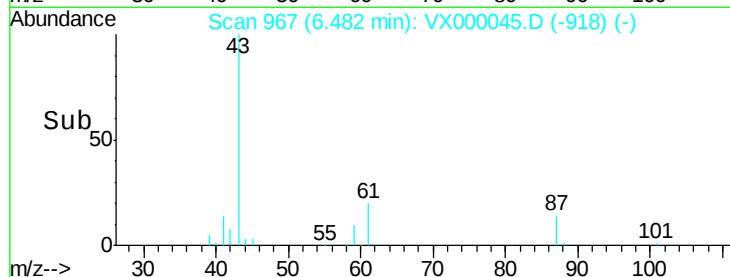
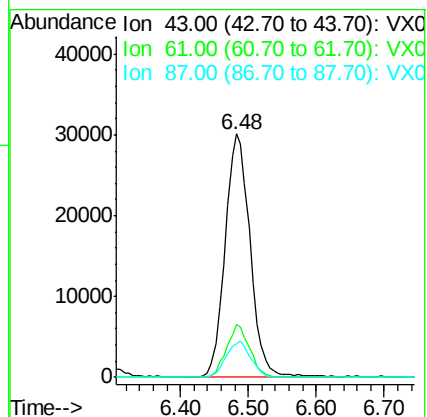
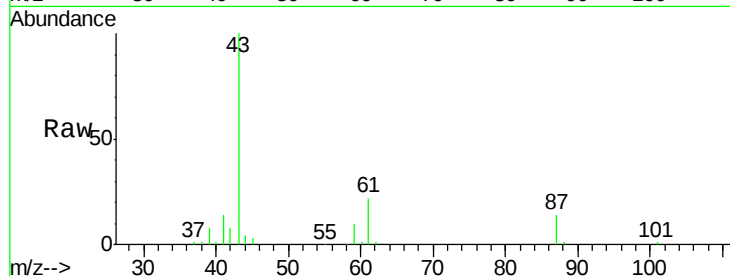
Tgt Ion: 43 Resp: 75932

Ion Ratio Lower Upper

43 100

61 20.3 15.9 23.9

87 14.6 11.8 17.6



#44

Trichloroethene

Concen: 20.09 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000045.D

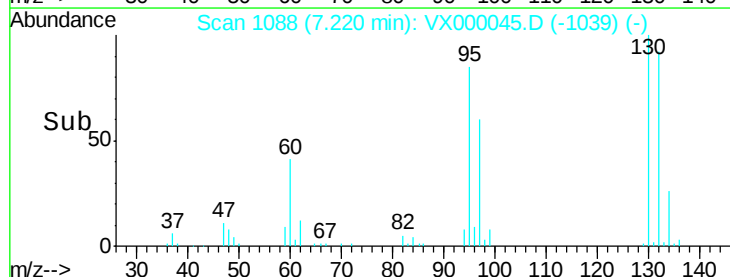
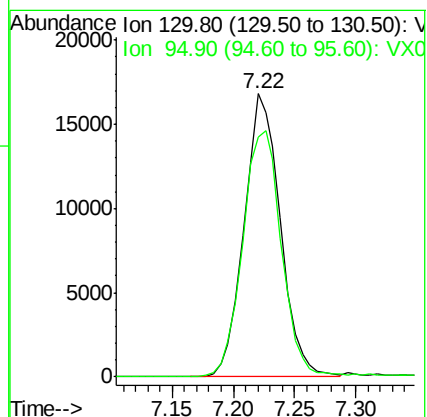
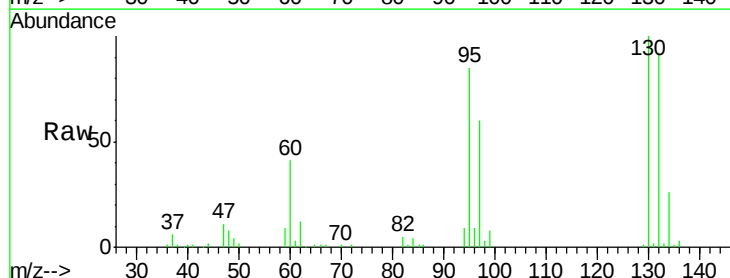
Acq: 09 Feb 2018 16:04

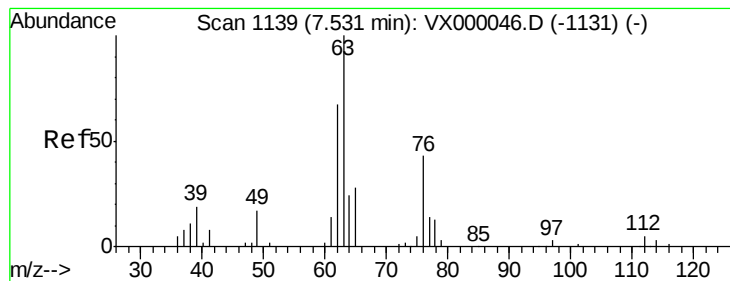
Tgt Ion: 130 Resp: 34650

Ion Ratio Lower Upper

130 100

95 84.7 0.0 185.2





#45

1,2-Dichloropropane

Concen: 20.60 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampleId :

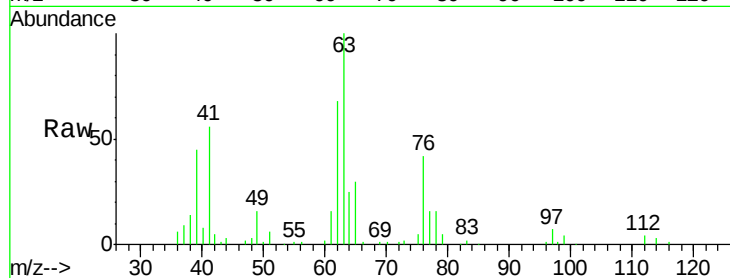
VSTDIC020

Tgt Ion: 63 Resp: 28044

Ion Ratio Lower Upper

63 100

65 30.0 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

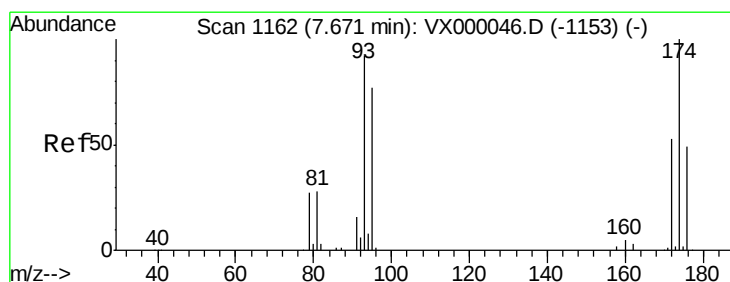
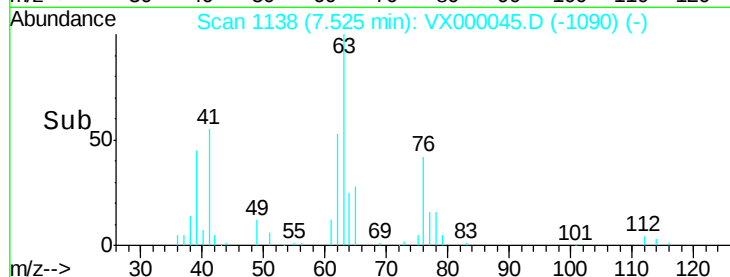
15000

10000

5000

0

Time-->



#46

Dibromomethane

Concen: 20.07 ug/l

RT: 7.68 min Scan# 1163

Delta R.T. 0.01 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

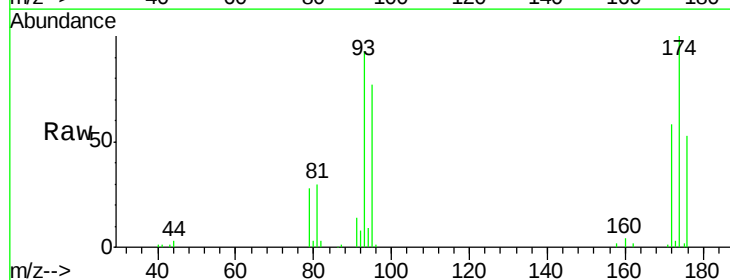
Tgt Ion: 93 Resp: 21270

Ion Ratio Lower Upper

93 100

95 83.9 66.3 99.5

174 109.2 90.4 135.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

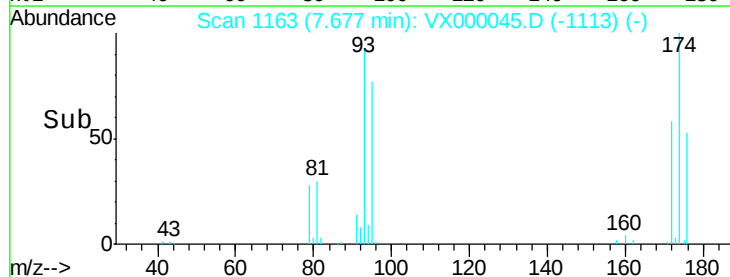
15000

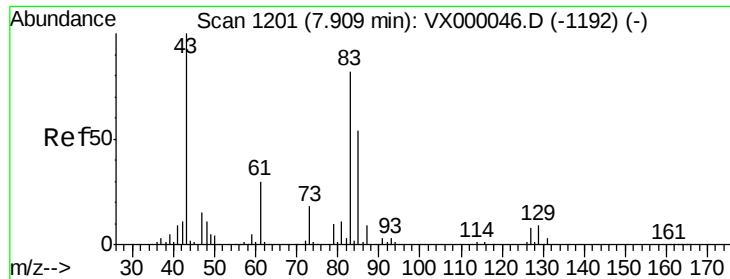
10000

5000

0

Time-->





#47

Bromodichloromethane

Concen: 20.69 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :
ClientSampled :
VSTDIC020

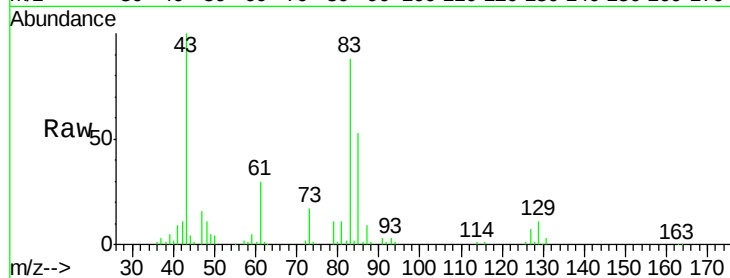
Tgt Ion: 83 Resp: 40978

Ion Ratio Lower Upper

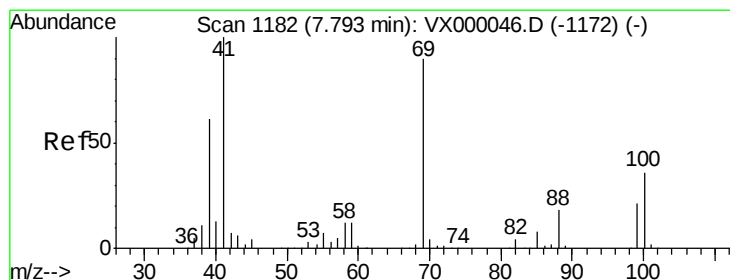
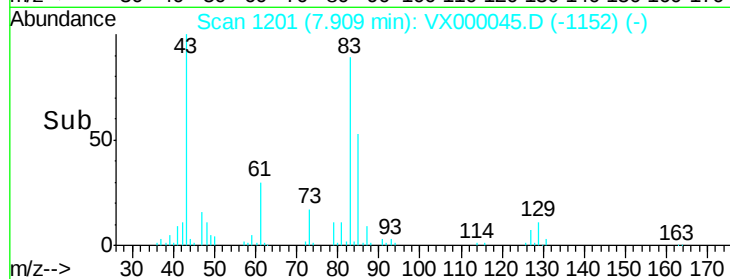
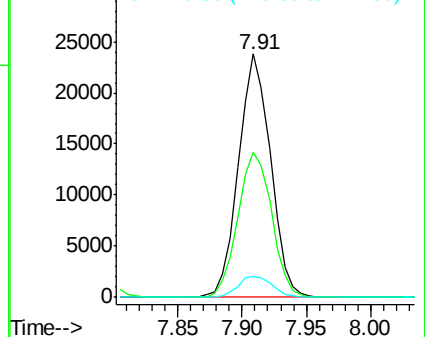
83 100

85 59.5 52.3 78.5

127 8.4 7.4 11.0



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: 19.70 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

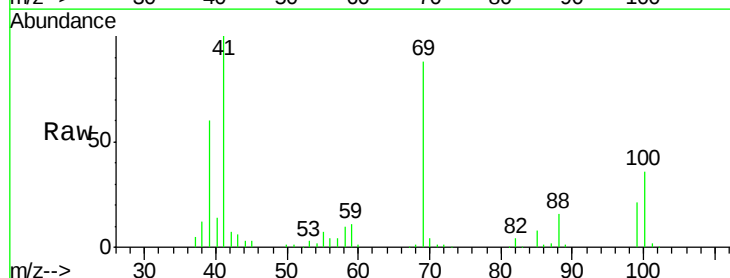
Tgt Ion: 41 Resp: 36864

Ion Ratio Lower Upper

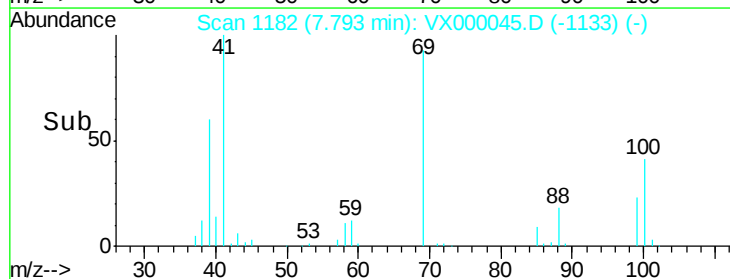
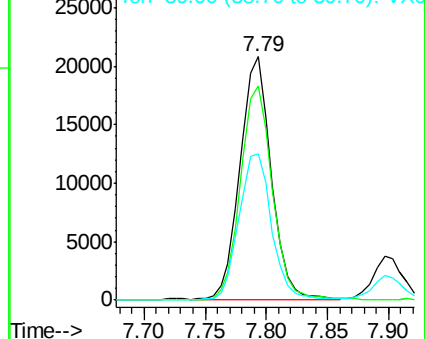
41 100

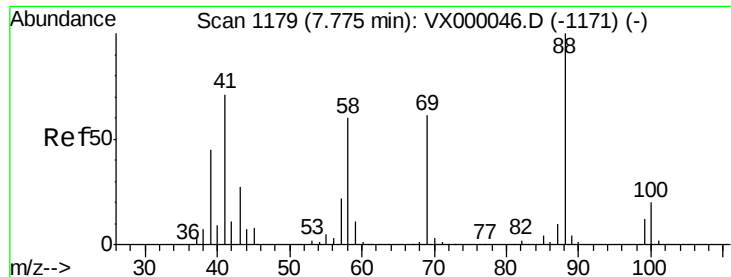
69 90.1 72.1 108.1

39 63.3 49.6 74.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

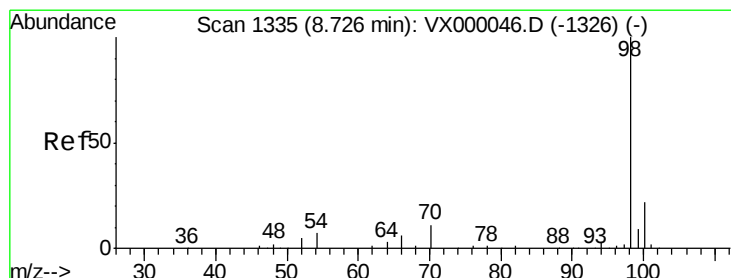
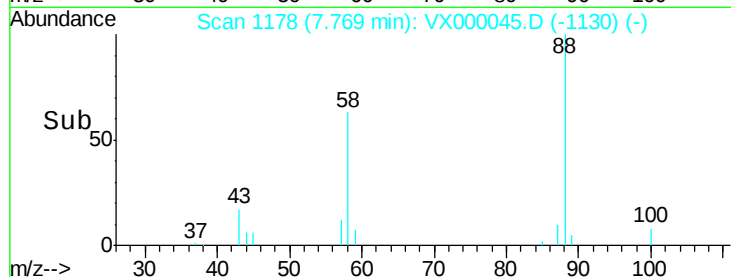
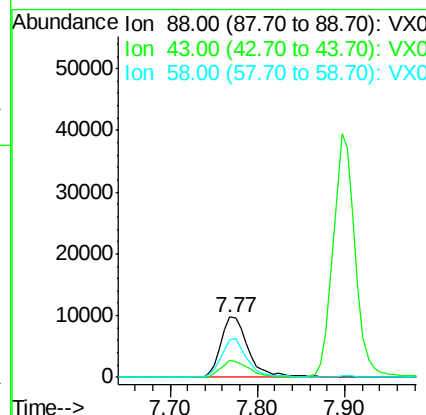
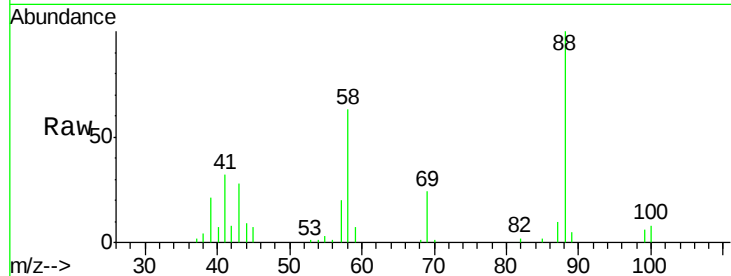




#49
1,4-Dioxane
Concen: 399.67 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

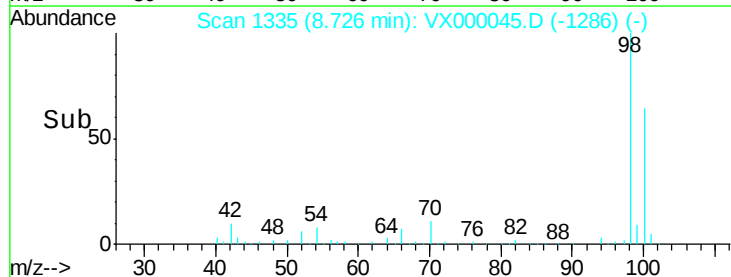
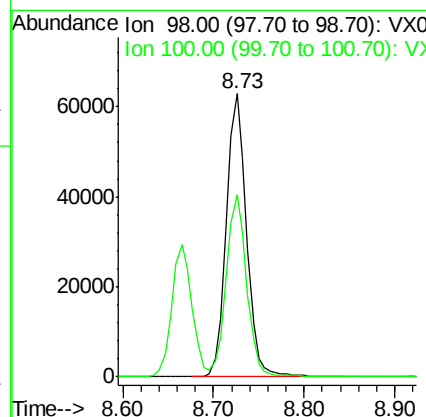
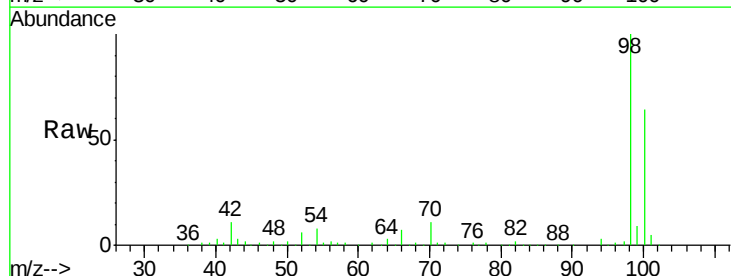
Instrument :
ClientSampled :
VSTDIC020

Tgt Ion: 88 Resp: 21486
Ion Ratio Lower Upper
88 100
43 28.6 22.6 33.8
58 61.5 49.4 74.2



#50
Toluene-d8
Concen: 19.82 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 98 Resp: 97677
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

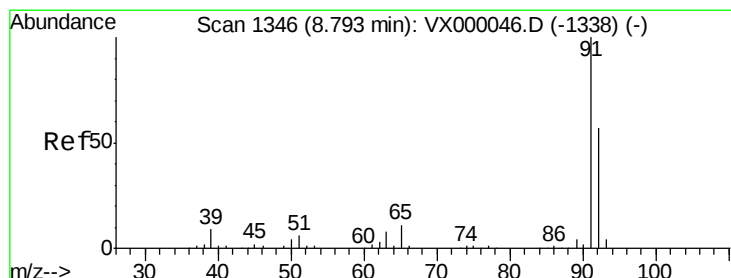
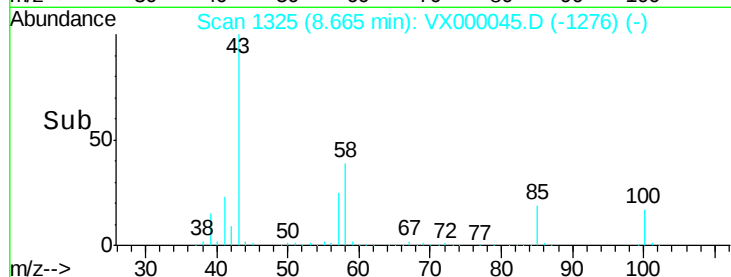
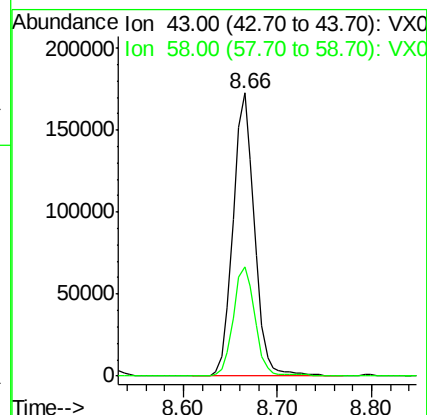
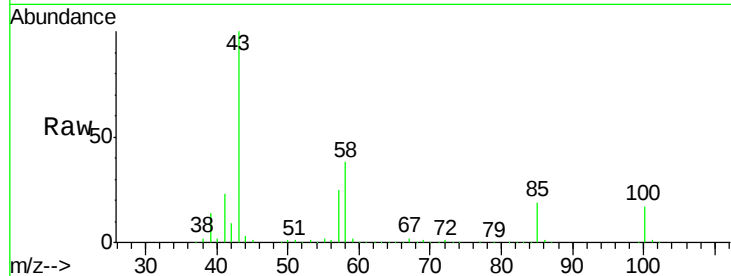




#51
 4-Methyl-2-Pentanone
 Concen: 100.81 ug/l
 RT: 8.66 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

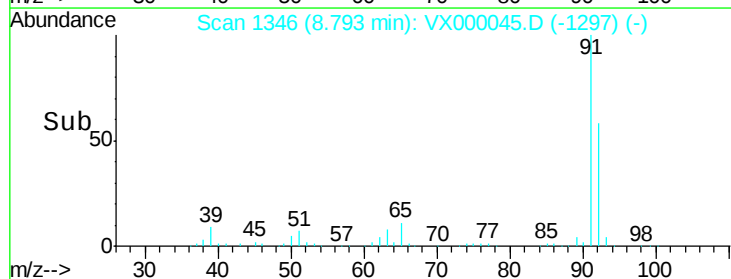
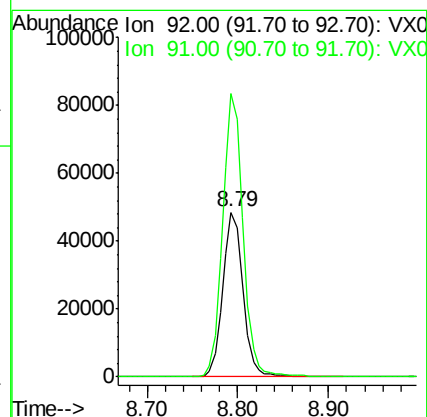
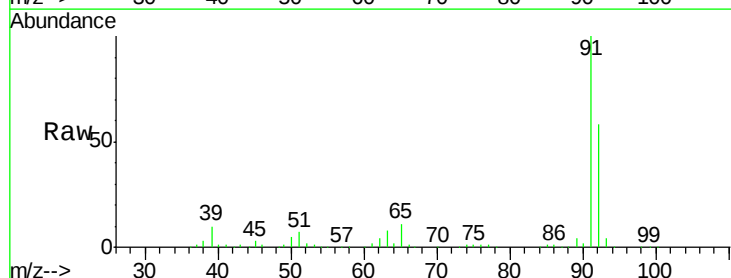
Instrument :
 ClientSampleId :
 VSTDIC020

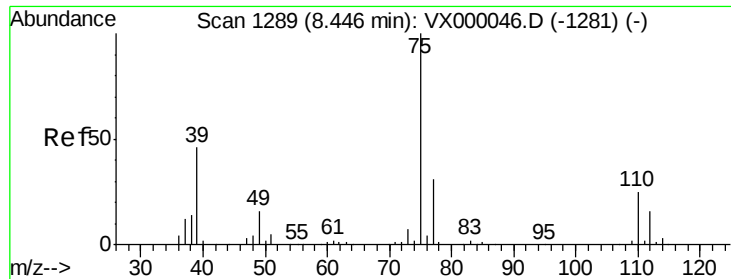
Tgt Ion: 43 Resp: 272992
 Ion Ratio Lower Upper
 43 100
 58 39.4 32.1 48.1



#52
 Toluene
 Concen: 20.75 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion: 92 Resp: 75995
 Ion Ratio Lower Upper
 92 100
 91 172.6 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 20.79 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

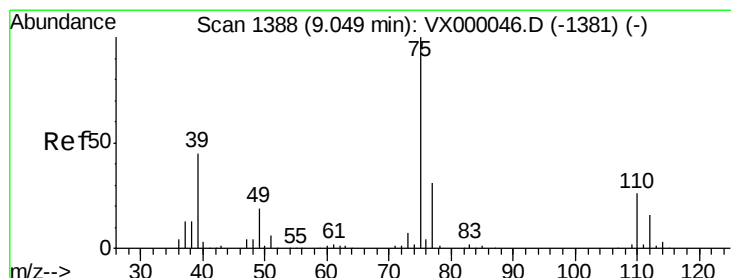
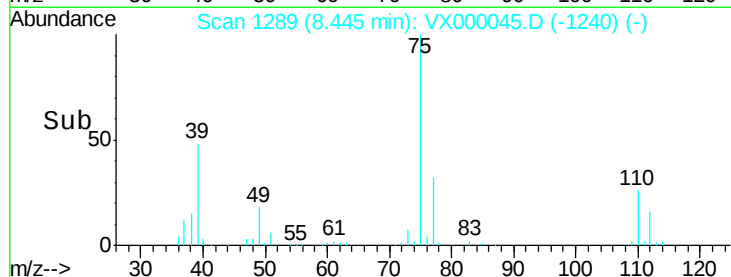
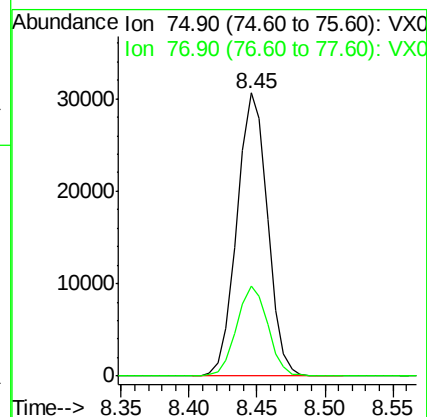
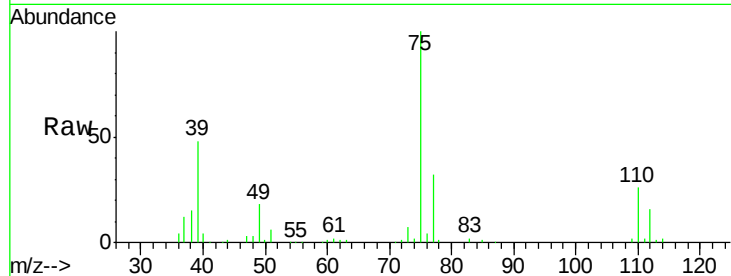
Instrument :
ClientSampled :
VSTDIC020

Tgt Ion: 75 Resp: 48040

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.64 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

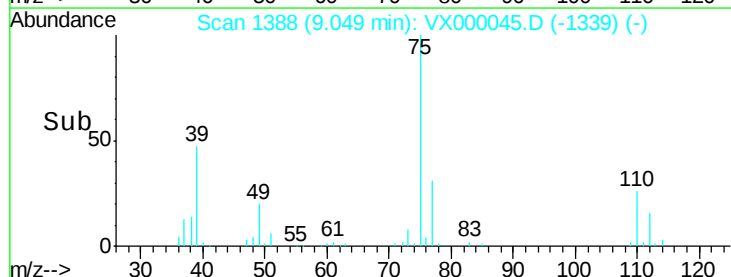
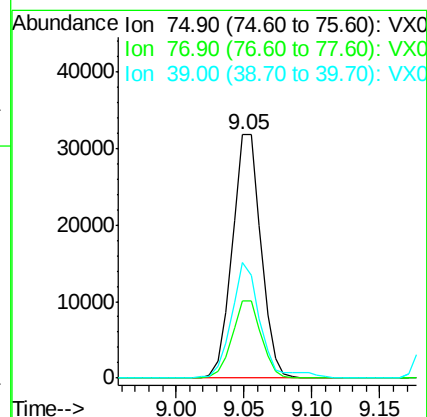
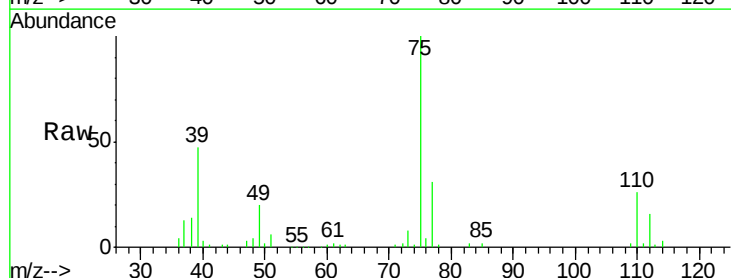
Tgt Ion: 75 Resp: 46511

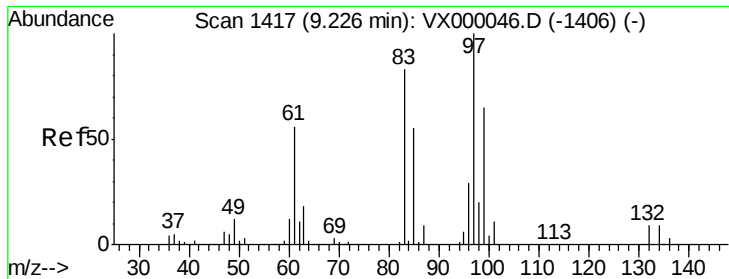
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 47.4 36.1 54.1

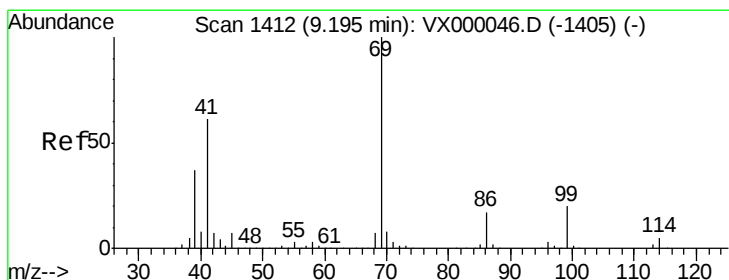
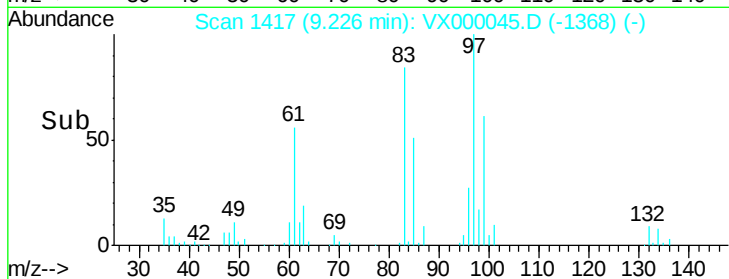
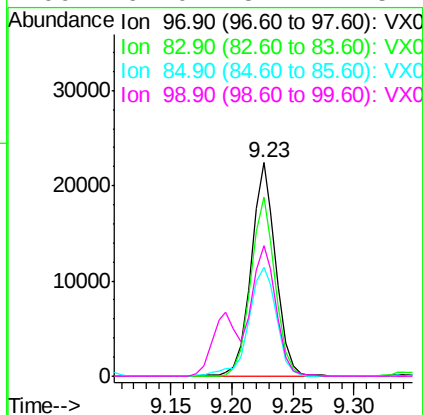
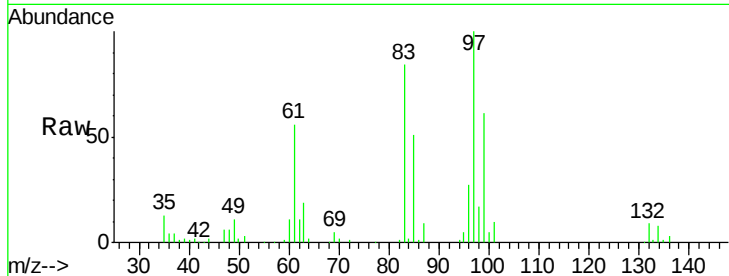




#55
 1,1,2-Trichloroethane
 Concen: 20.49 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

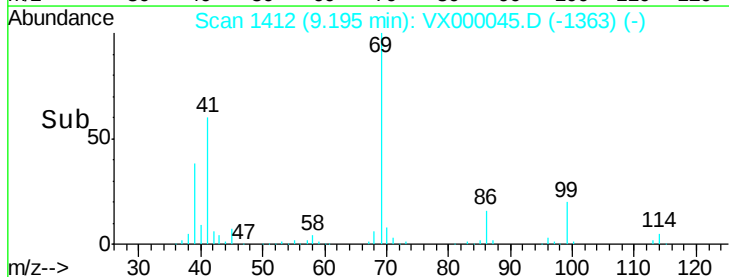
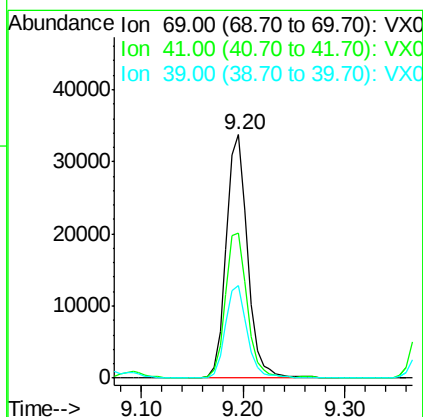
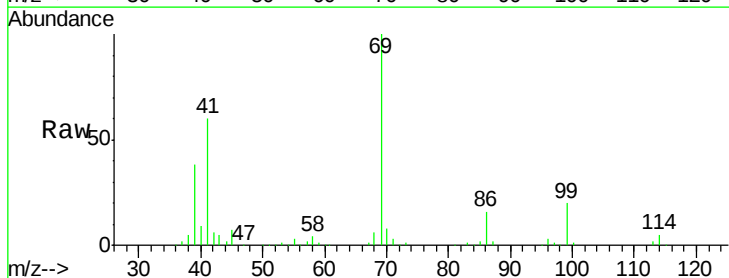
Instrument :
 ClientSampled :
 VSTDIC020

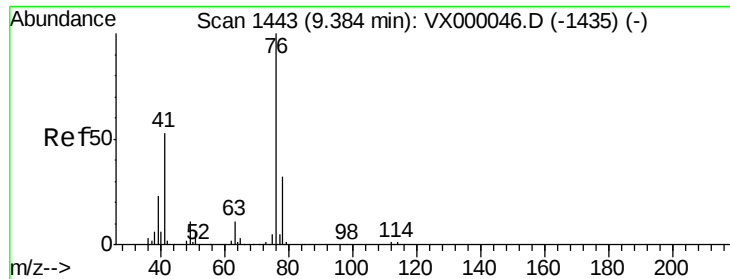
Tgt Ion:	97	Resp:	31421
Ion	Ratio	Lower	Upper
97	100		
83	84.1	66.5	99.7
85	50.8	43.8	65.6
99	61.0	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 20.49 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion:	69	Resp:	48838
Ion	Ratio	Lower	Upper
69	100		
41	60.6	49.5	74.3
39	39.0	29.9	44.9

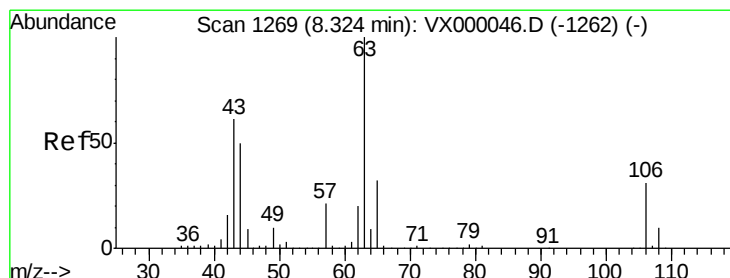
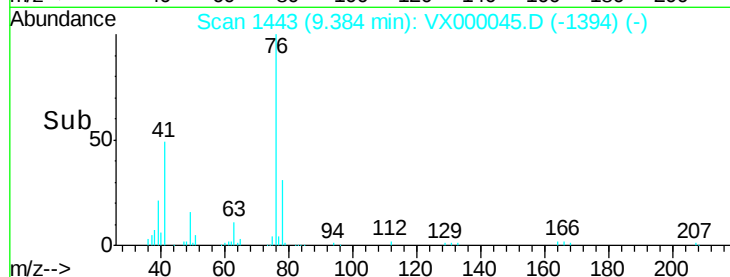
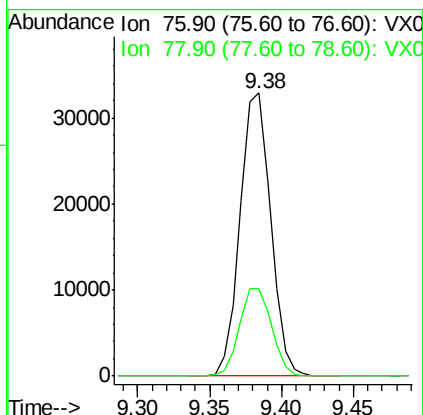
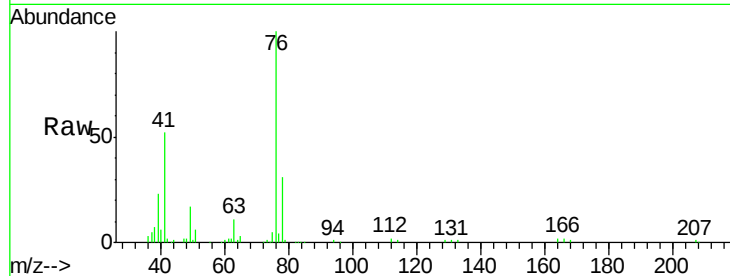




#57
 1,3-Dichloropropane
 Concen: 19.97 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

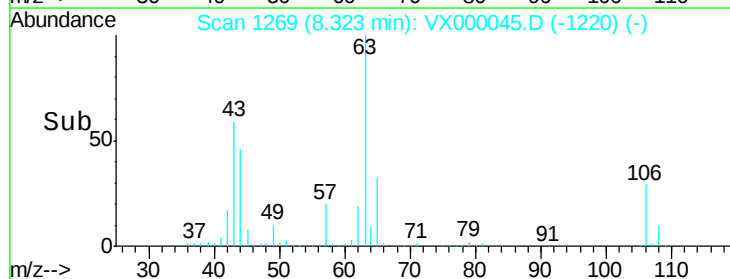
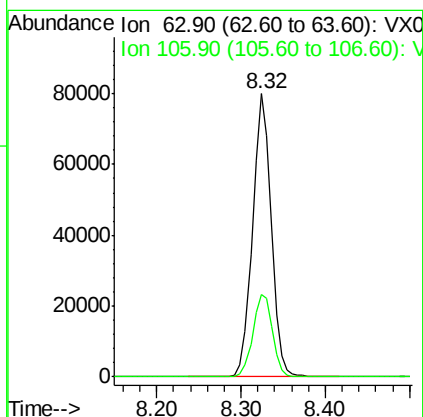
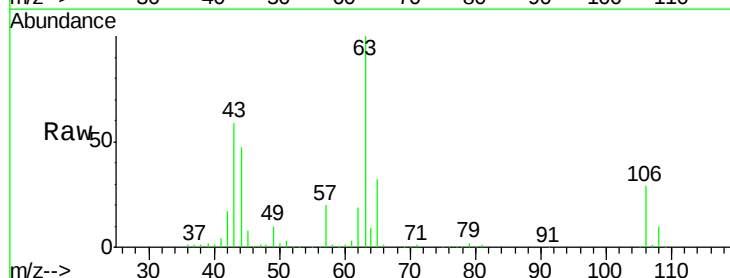
Instrument :
 ClientSampleId :
 VSTDIC020

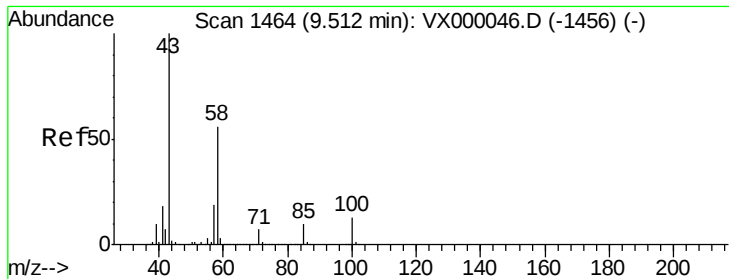
Tgt Ion: 76 Resp: 48598
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.30 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion: 63 Resp: 121219
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.7 37.1

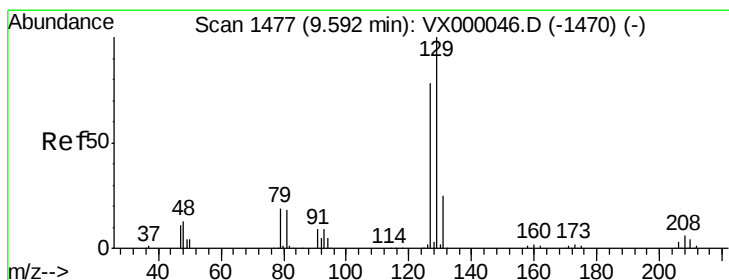
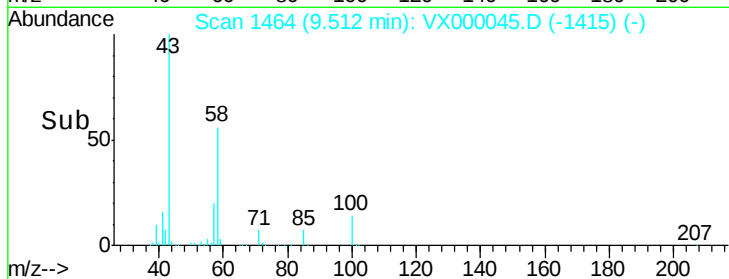
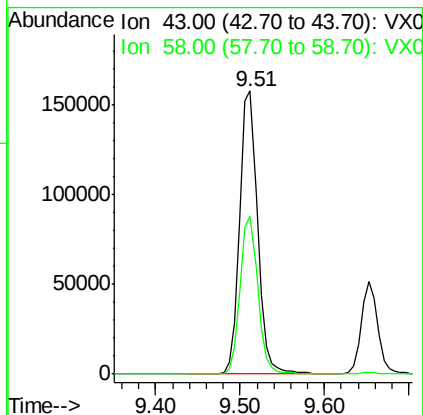
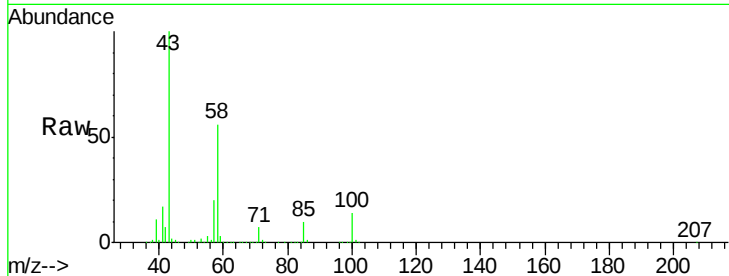




#59
2-Hexanone
Concen: 96.81 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

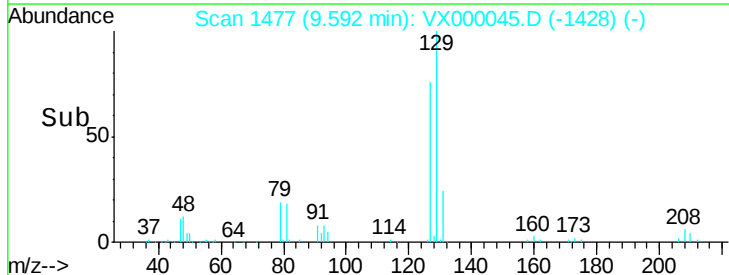
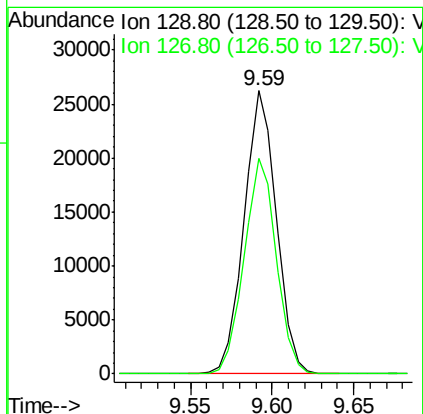
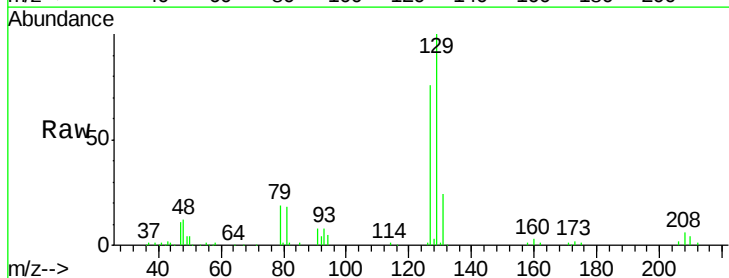
Instrument :
ClientSampleId :
VSTDIC020

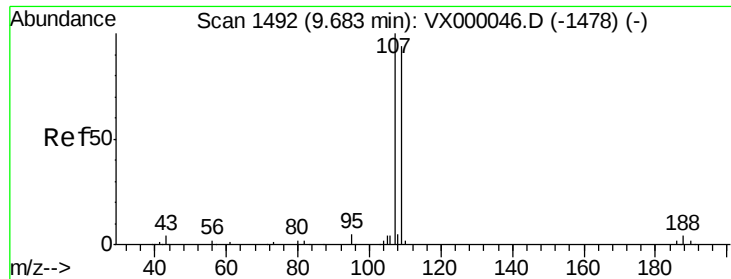
Tgt Ion: 43 Resp: 224374
Ion Ratio Lower Upper
43 100
58 54.9 27.6 82.7



#60
Dibromochloromethane
Concen: 20.90 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion: 129 Resp: 36198
Ion Ratio Lower Upper
129 100
127 75.8 38.6 115.8

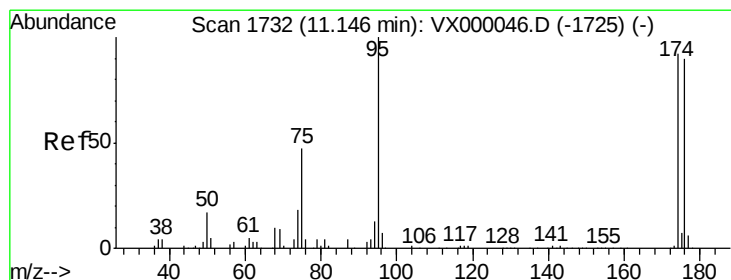
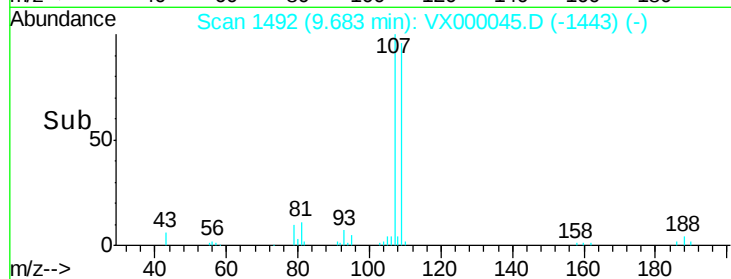
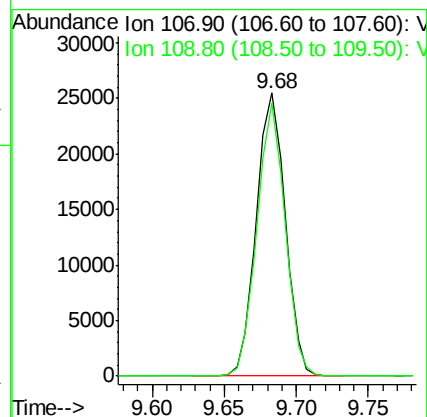
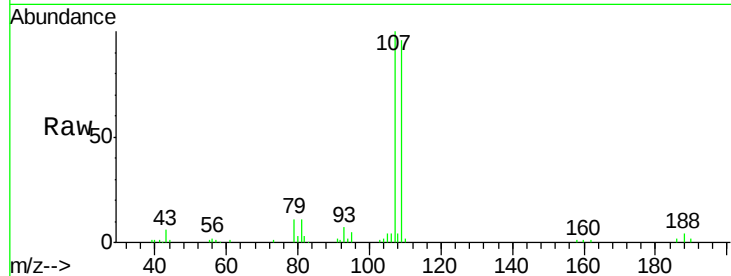




#61
 1,2-Dibromoethane
 Concen: 20.90 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

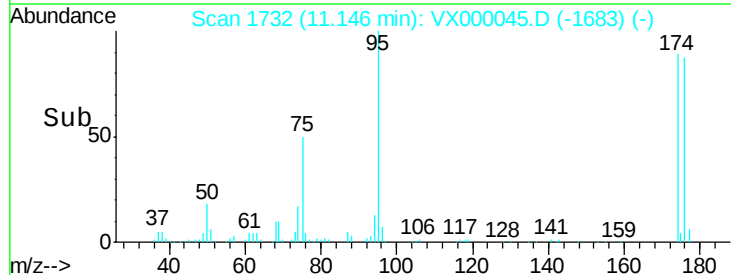
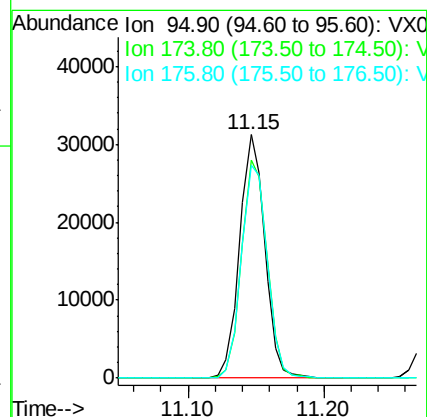
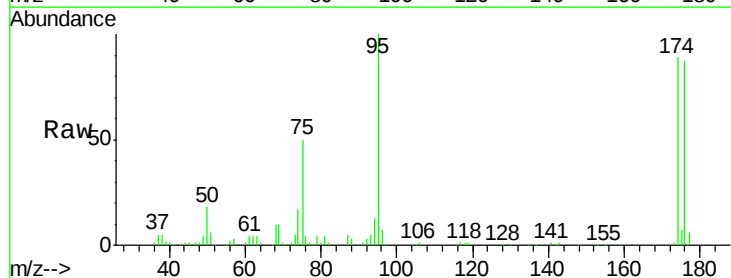
Instrument :
 ClientSampled :
 VSTDIC020

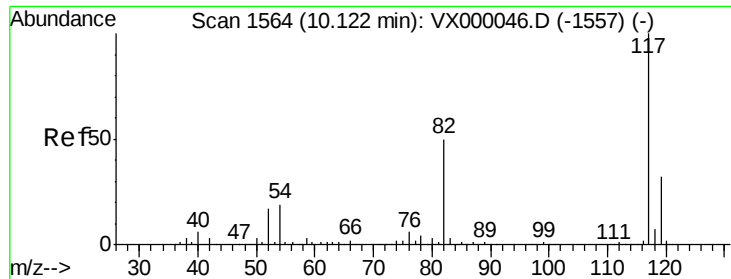
Tgt Ion: 107 Resp: 35326
 Ion Ratio Lower Upper
 107 100
 109 93.7 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 20.02 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion: 95 Resp: 40290
 Ion Ratio Lower Upper
 95 100
 174 91.1 0.0 185.6
 176 90.4 0.0 181.8

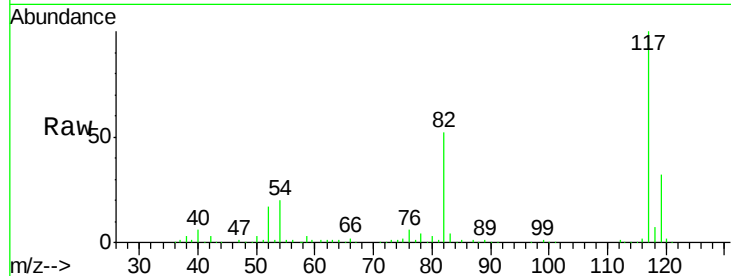




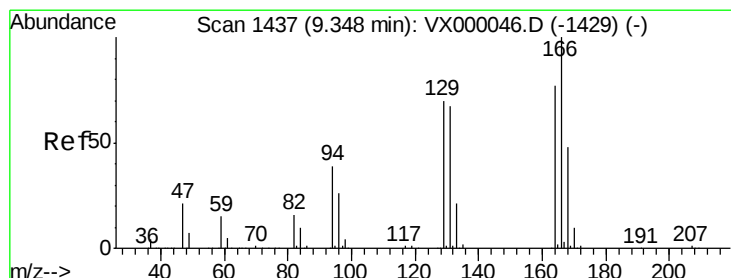
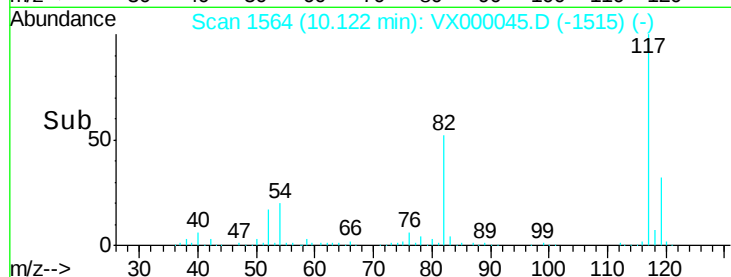
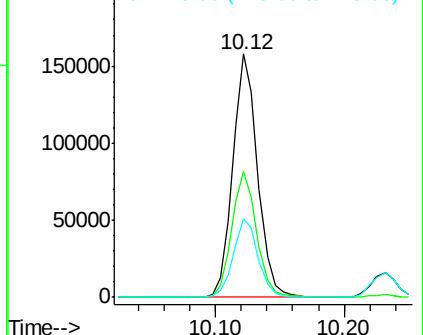
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 211993
Ion Ratio Lower Upper
117 100
82 51.7 40.3 60.5
119 32.3 25.3 37.9

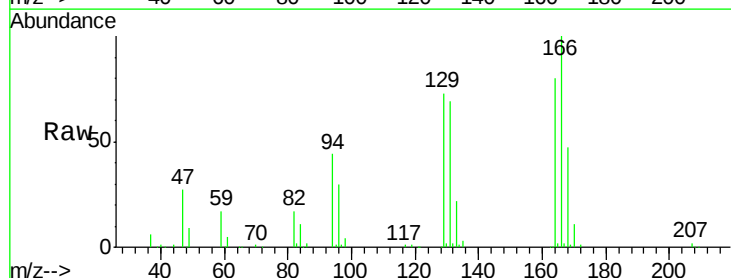


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

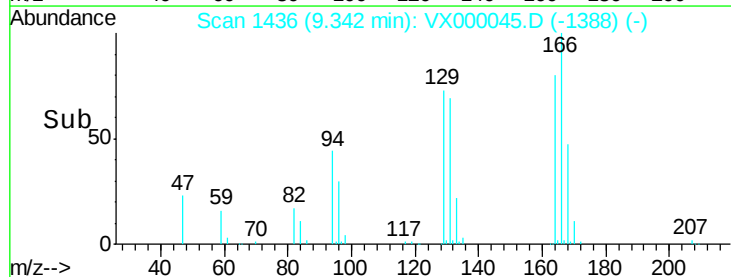
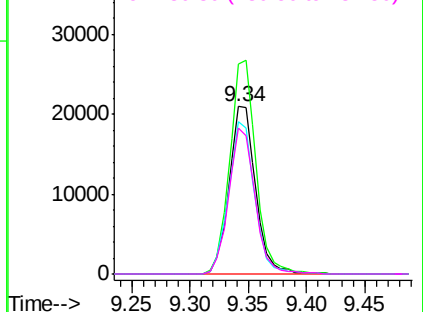


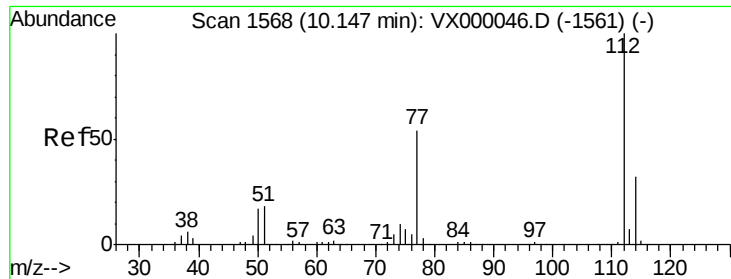
#64
Tetrachloroethene
Concen: 20.66 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion:164 Resp: 33230
Ion Ratio Lower Upper
164 100
166 125.4 103.7 155.5
129 91.2 72.2 108.4
131 87.1 69.1 103.7



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

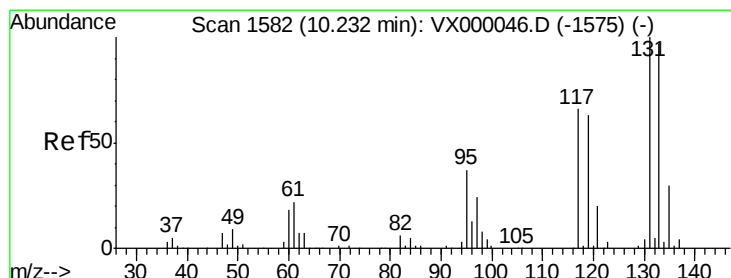
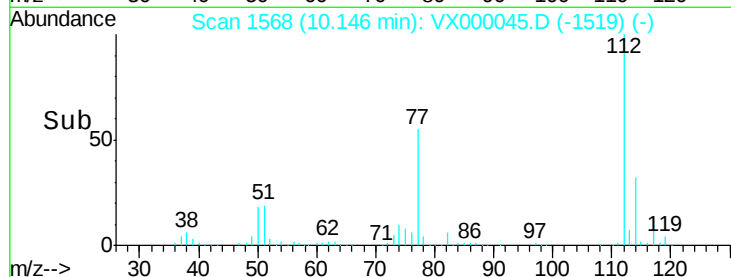
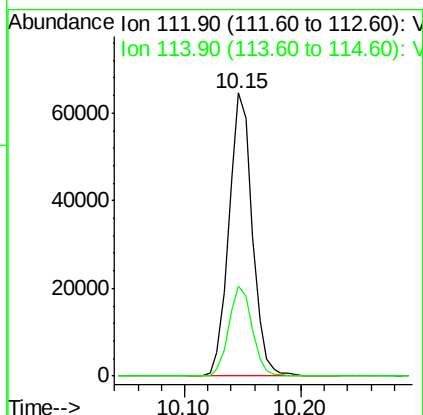
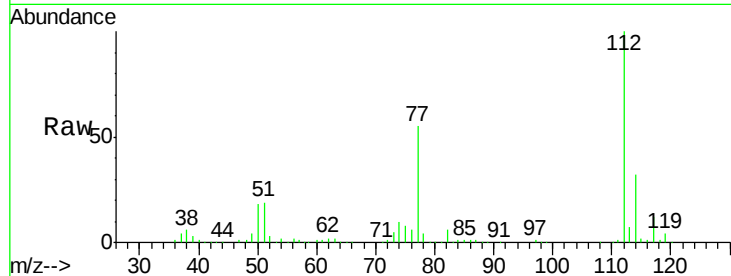




#65
Chlorobenzene
Concen: 21.04 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

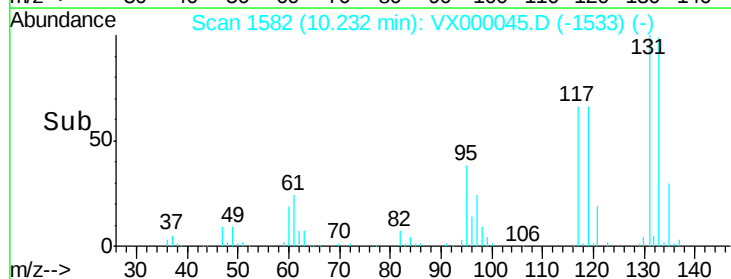
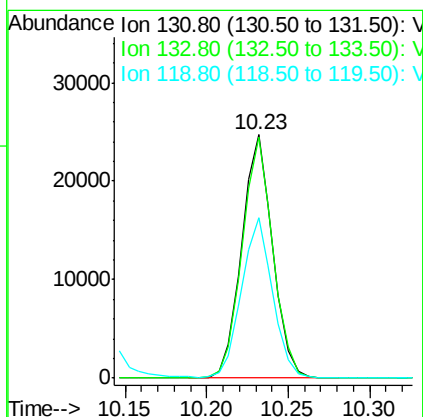
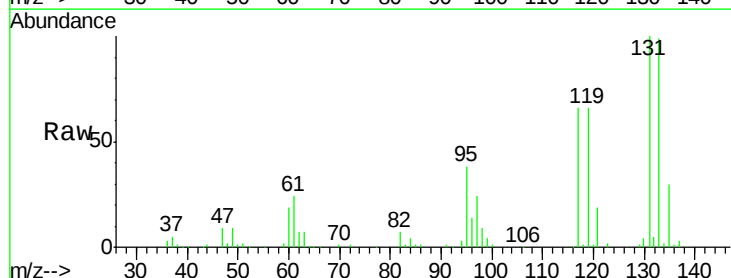
Instrument :
ClientSampled :
VSTDIC020

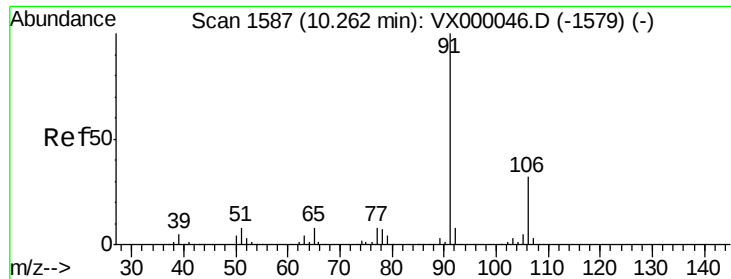
Tgt Ion:112 Resp: 90246
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.87 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion:131 Resp: 32654
Ion Ratio Lower Upper
131 100
133 98.3 47.6 142.9
119 66.3 31.7 95.1

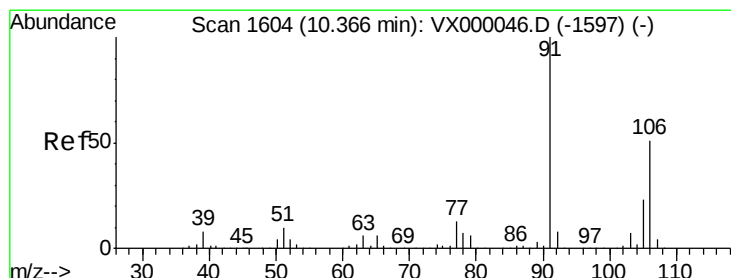
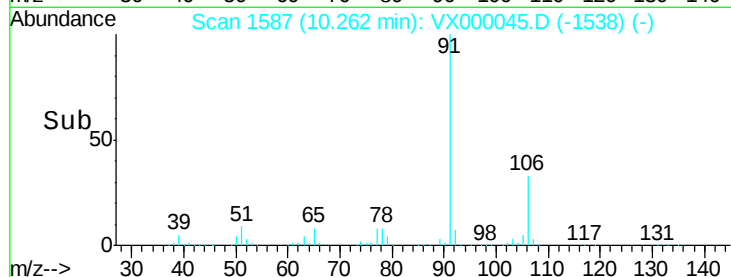
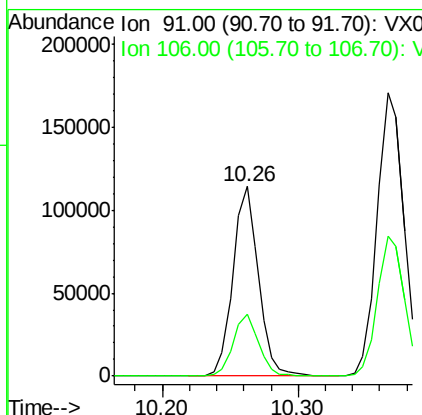
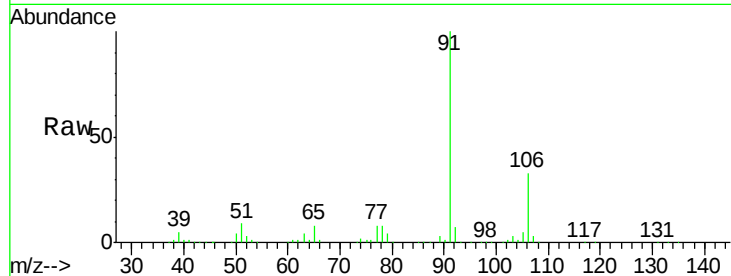




#67
 Ethyl Benzene
 Concen: 20.84 ug/l
 RT: 10.26 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

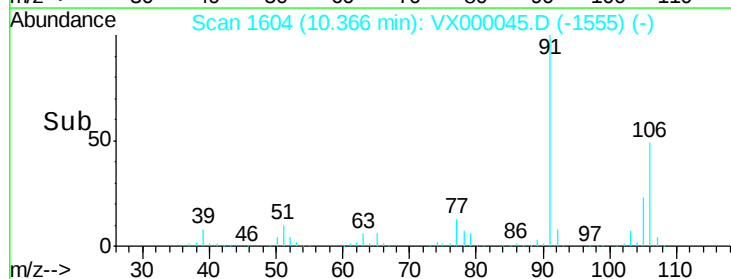
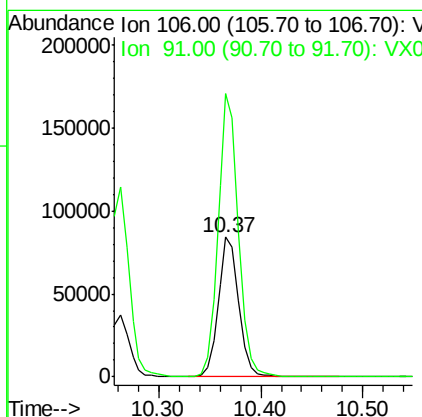
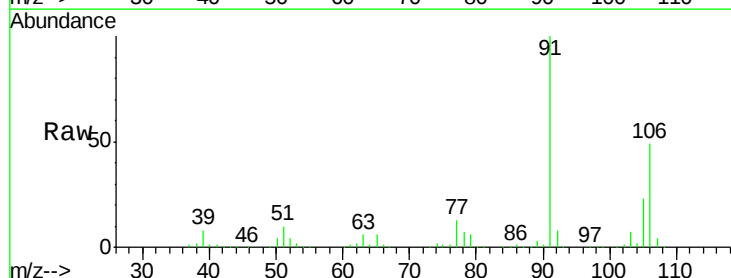
Instrument :
 ClientSampled :
 VSTDIC020

Tgt Ion: 91 Resp: 149503
 Ion Ratio Lower Upper
 91 100
 106 33.0 25.9 38.9



#68
 m/p-Xylenes
 Concen: 41.57 ug/l
 RT: 10.37 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion: 106 Resp: 118024
 Ion Ratio Lower Upper
 106 100
 91 199.9 158.3 237.5

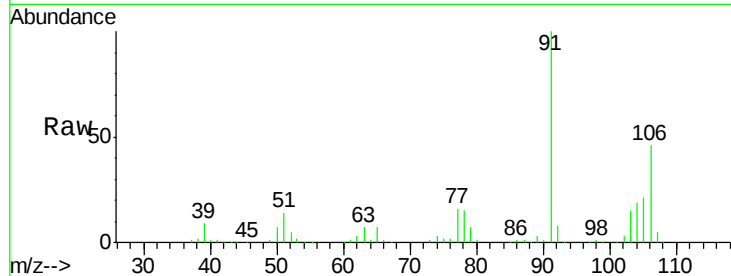




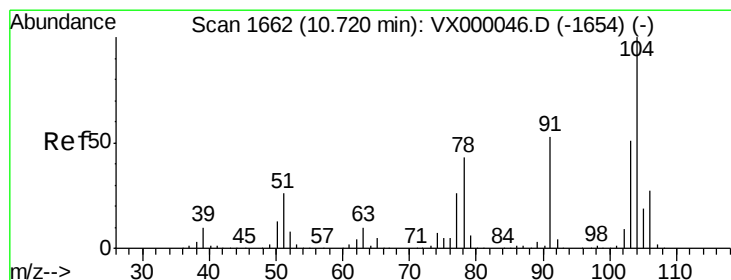
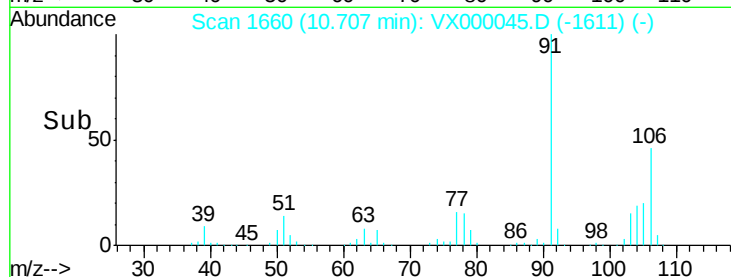
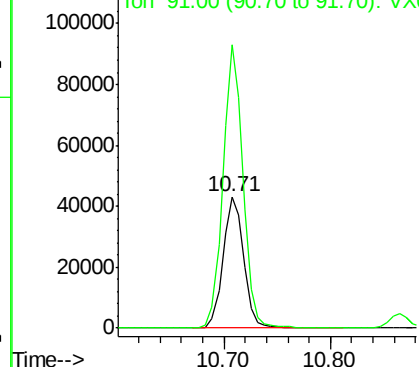
#69
o-Xylene
Concen: 20.86 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 57564
Ion Ratio Lower Upper
106 100
91 210.7 104.0 312.0

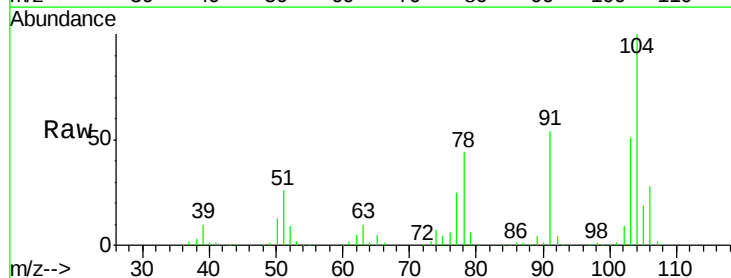


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

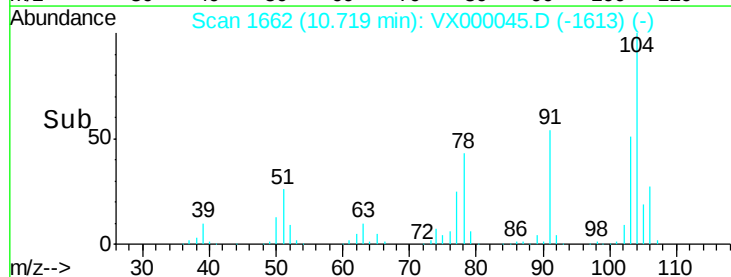
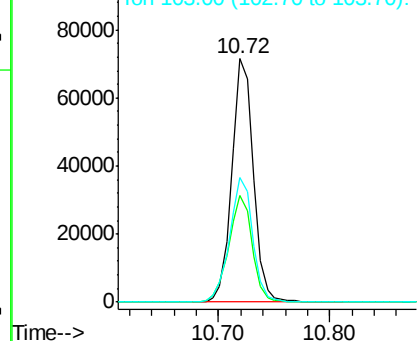


#70
Styrene
Concen: 20.88 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000045.D
Acq: 09 Feb 2018 16:04

Tgt Ion:104 Resp: 95702
Ion Ratio Lower Upper
104 100
78 47.8 37.7 56.5
103 54.8 44.0 66.0



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: 20.53 ug/l

RT: 10.87 min Scan# 1686

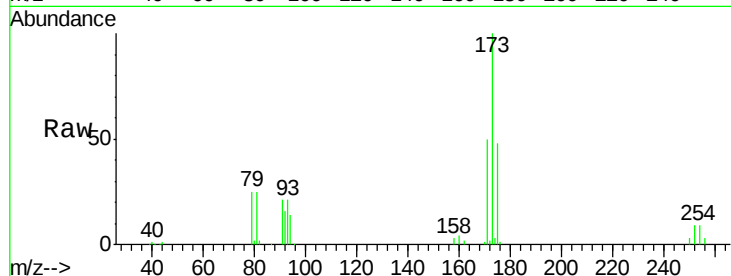
Delta R.T. -0.00 min

Lab File: VX000045.D

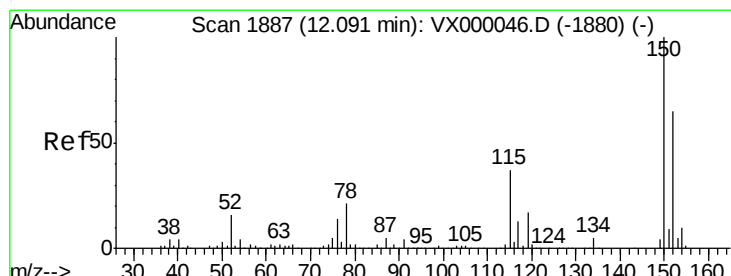
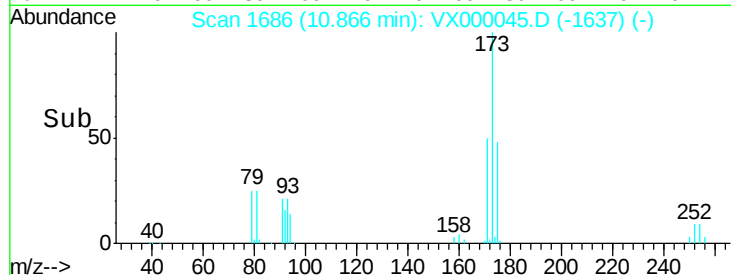
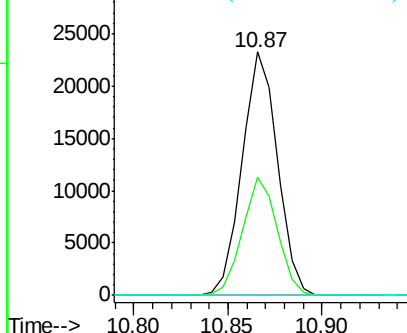
Acq: 09 Feb 2018 16:04

Instrument :
ClientSampled :
VSTDIC020

Tgt Ion:173 Resp: 30247
Ion Ratio Lower Upper
173 100
175 47.6 23.9 71.8
254 0.0 0.1 0.1#



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: 50.00 ug/l

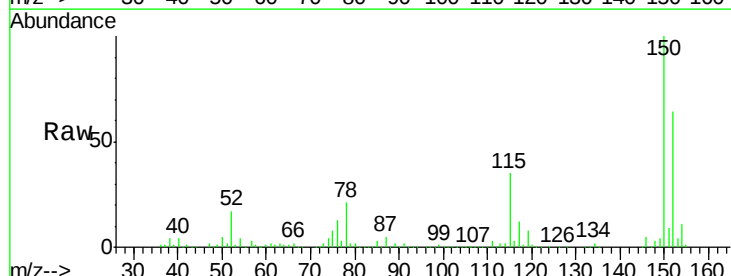
RT: 12.09 min Scan# 1887

Delta R.T. -0.00 min

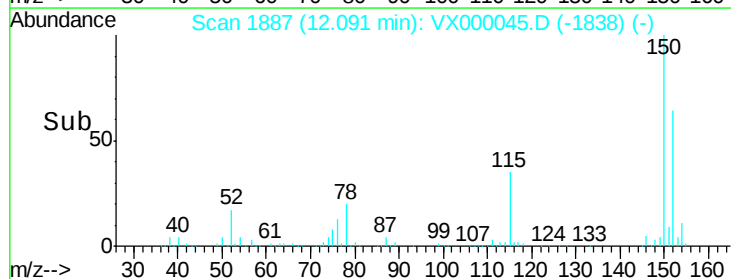
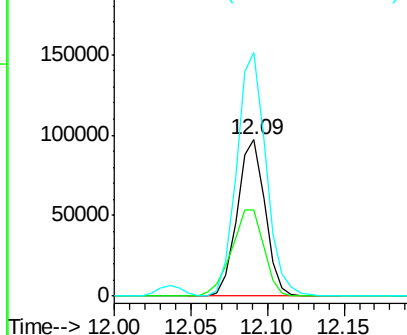
Lab File: VX000045.D

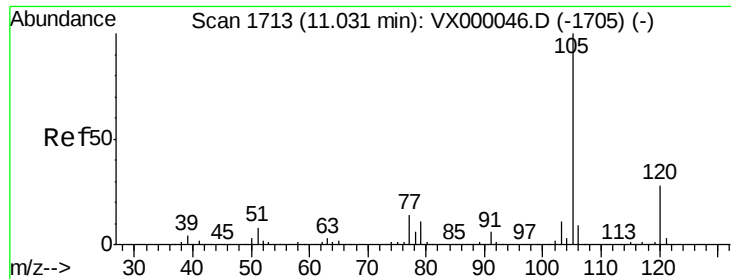
Acq: 09 Feb 2018 16:04

Tgt Ion:152 Resp: 122101
Ion Ratio Lower Upper
152 100
115 64.8 39.3 117.8
150 164.4 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.50 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :

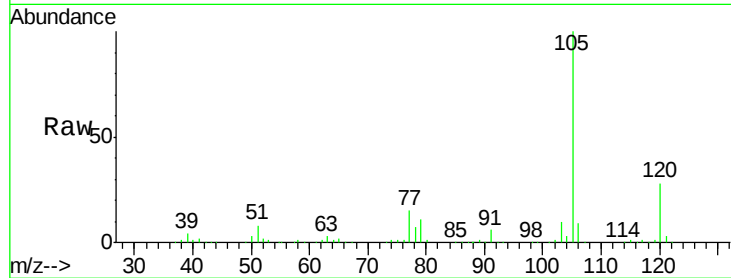
VSTDIC020

Tgt Ion:105 Resp: 154237

Ion Ratio Lower Upper

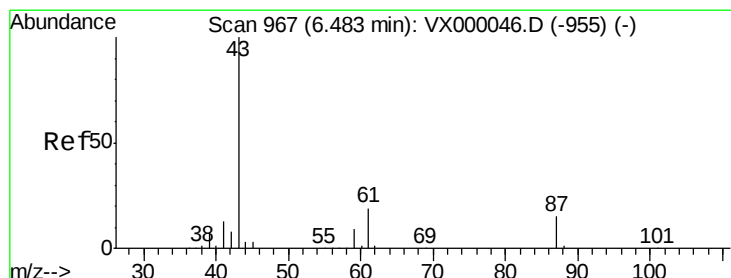
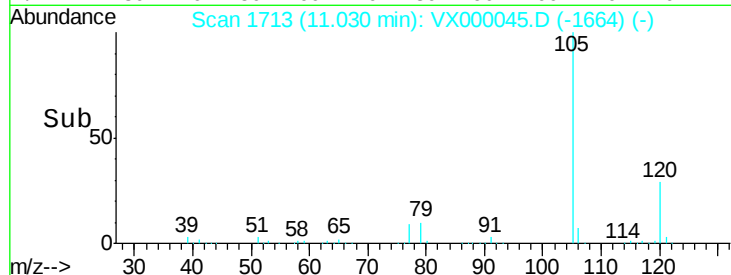
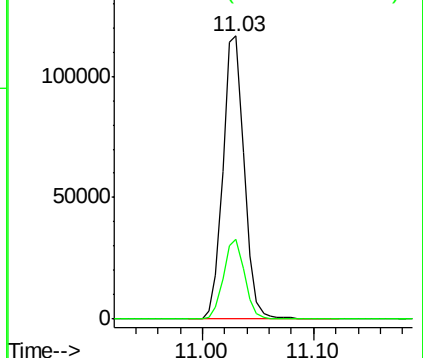
105 100

120 28.1 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.19 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Tgt Ion: 43 Resp: 75932

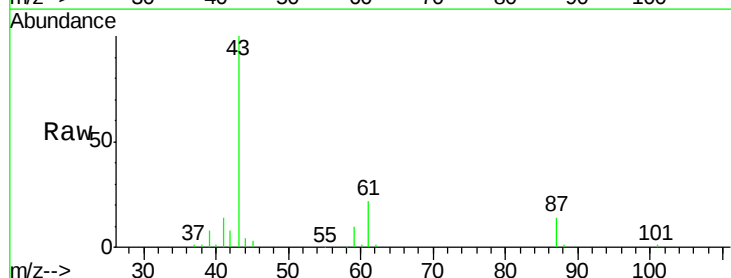
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.1 0.1#

61 20.3 15.9 23.9

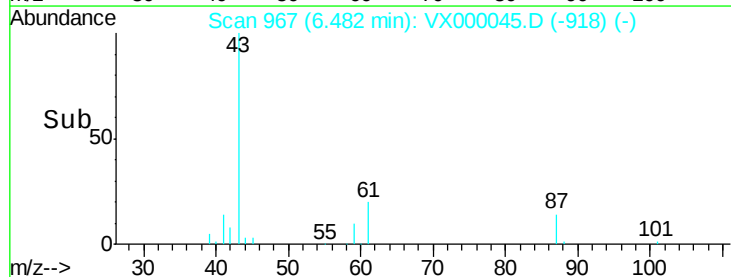
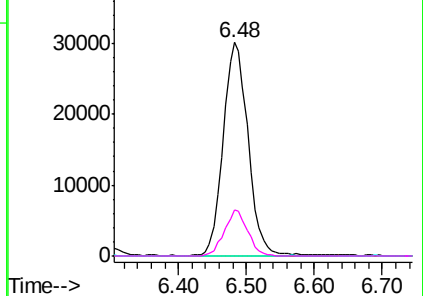


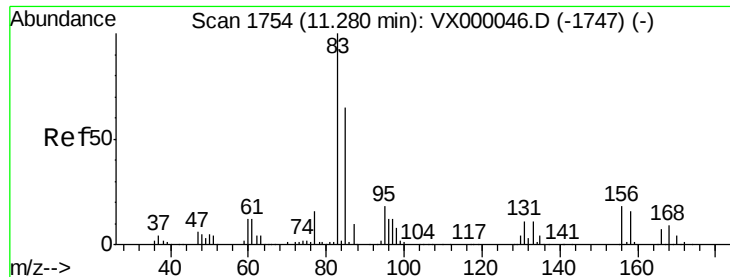
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.11 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :

VSTDIC020

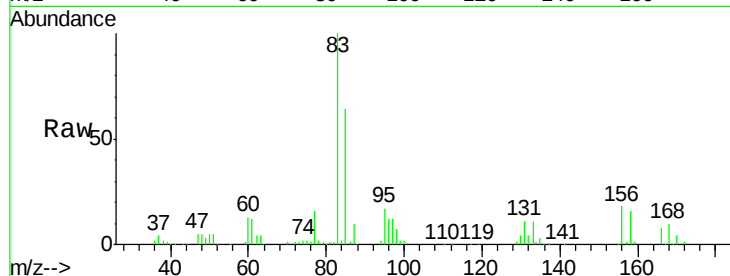
Tgt Ion: 83 Resp: 51778

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.7

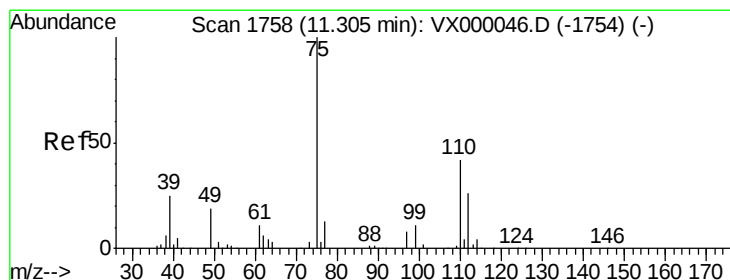
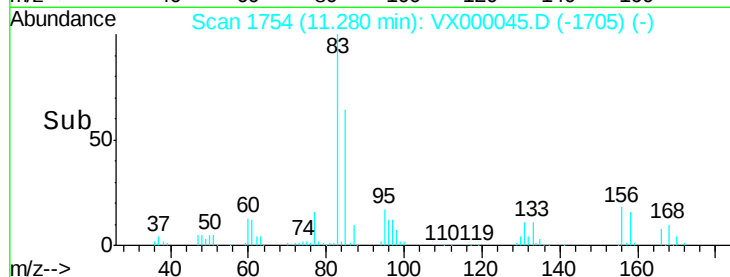
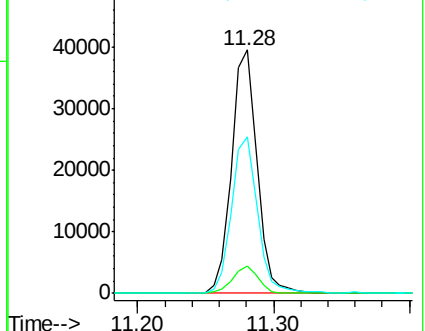
85 65.3 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 28.43 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000045.D

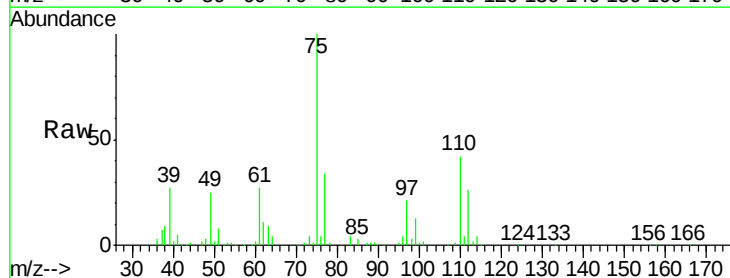
Acq: 09 Feb 2018 16:04

Tgt Ion: 75 Resp: 66317

Ion Ratio Lower Upper

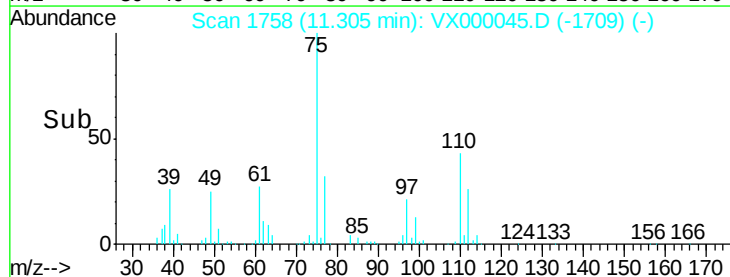
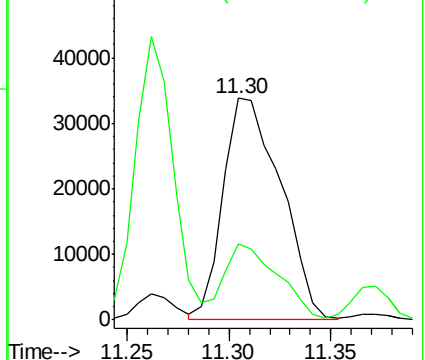
75 100

77 32.1 23.7 71.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.77 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :

VSTDIC020

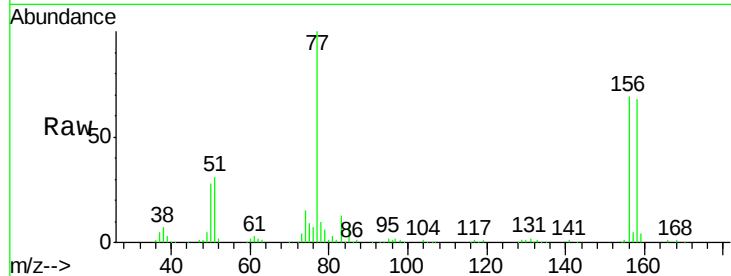
Tgt Ion:156 Resp: 41653

Ion Ratio Lower Upper

156 100

77 134.3 66.2 198.6

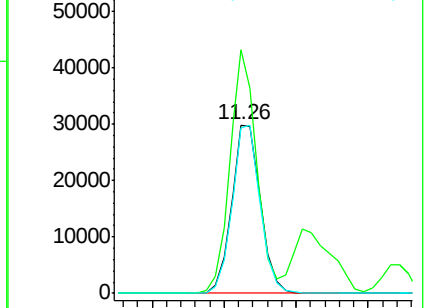
158 97.0 48.6 145.9



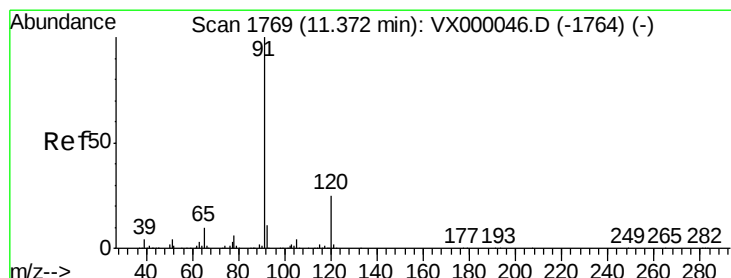
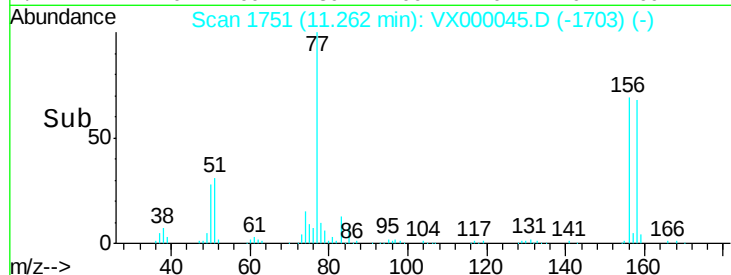
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 20.83 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. -0.00 min

Lab File: VX000045.D

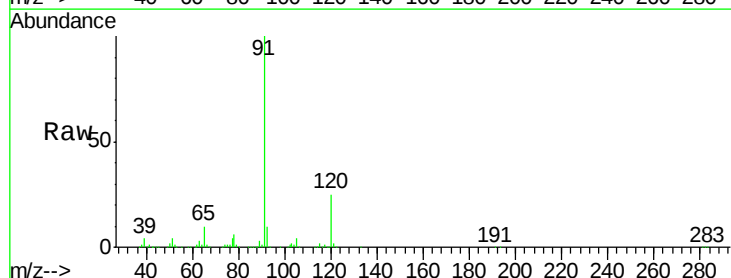
Acq: 09 Feb 2018 16:04

Tgt Ion: 91 Resp: 181949

Ion Ratio Lower Upper

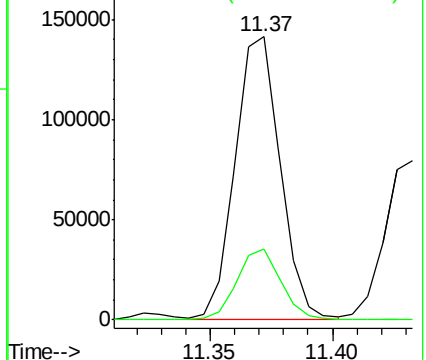
91 100

120 24.6 12.2 36.6

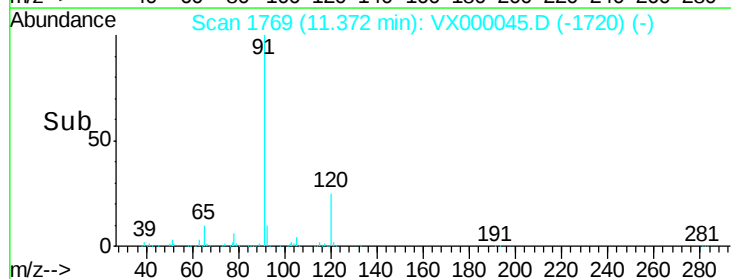


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 20.87 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :

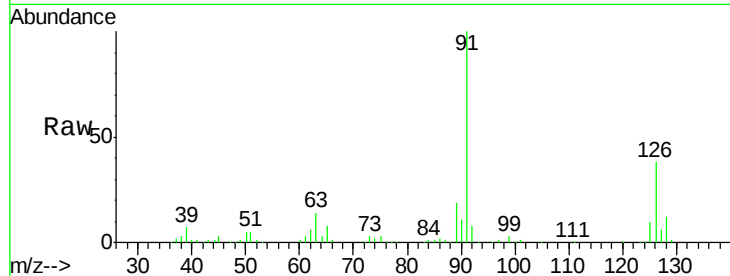
VSTDIC020

Tgt Ion: 91 Resp: 103583

Ion Ratio Lower Upper

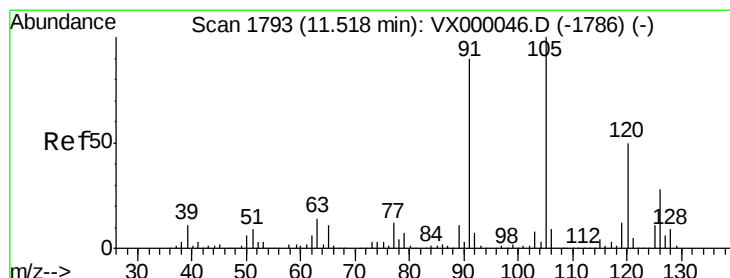
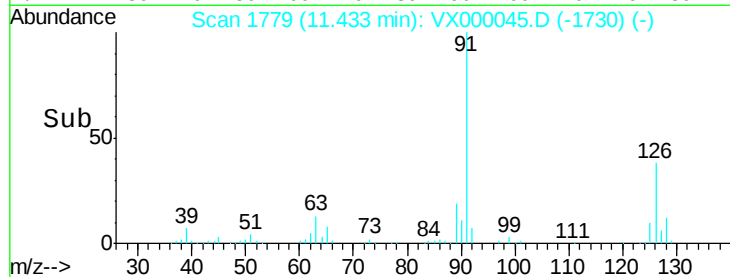
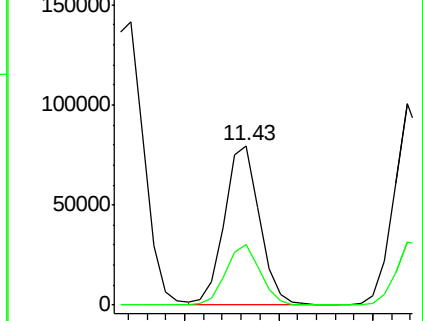
91 100

126 37.1 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VX000046.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000046.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.68 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000045.D

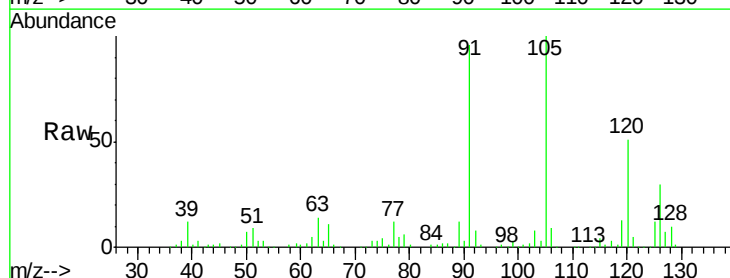
Acq: 09 Feb 2018 16:04

Tgt Ion: 105 Resp: 131079

Ion Ratio Lower Upper

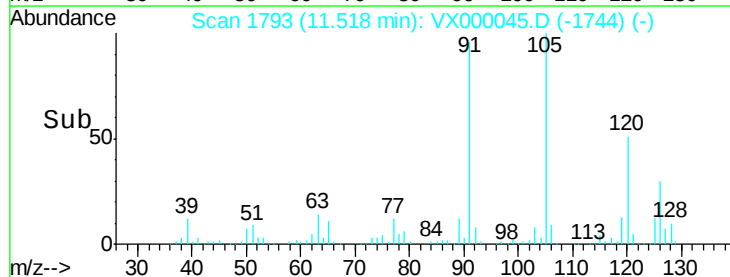
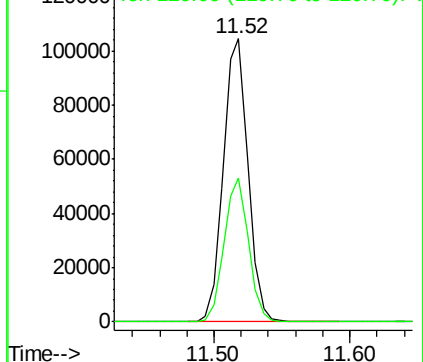
105 100

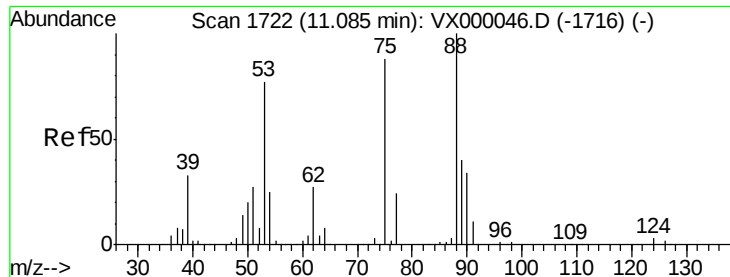
120 49.9 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VX000046.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000046.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.92 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampleId :

VSTDIC020

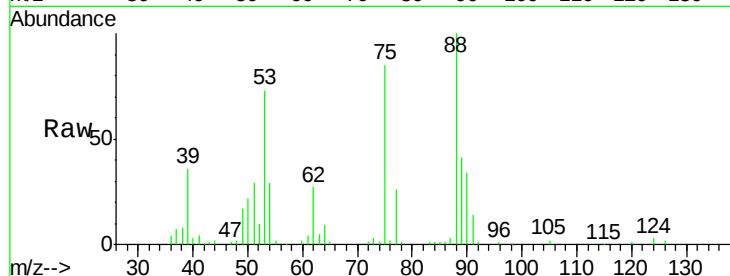
Tgt Ion: 75 Resp: 18468

Ion Ratio Lower Upper

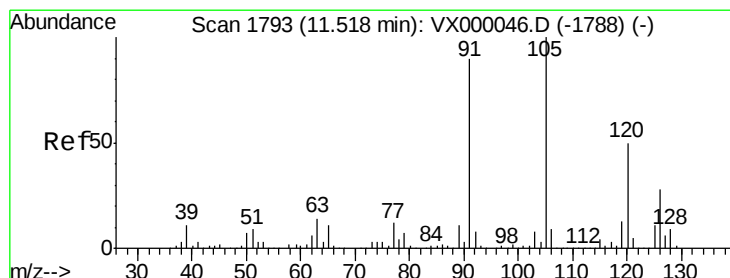
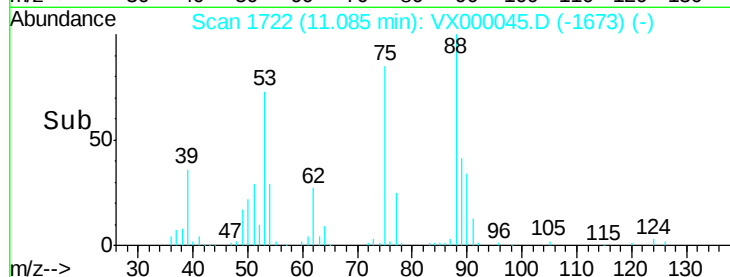
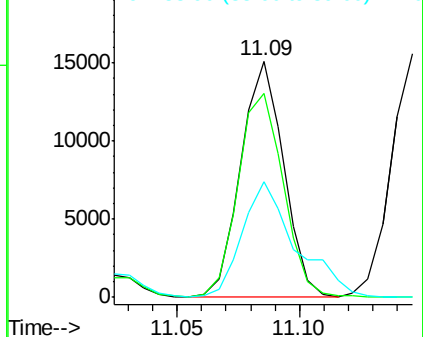
75 100

53 91.4 70.3 105.5

89 61.2 48.6 72.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.82 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000045.D

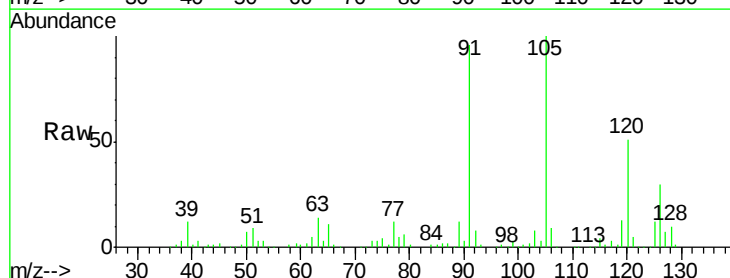
Acq: 09 Feb 2018 16:04

Tgt Ion: 91 Resp: 125201

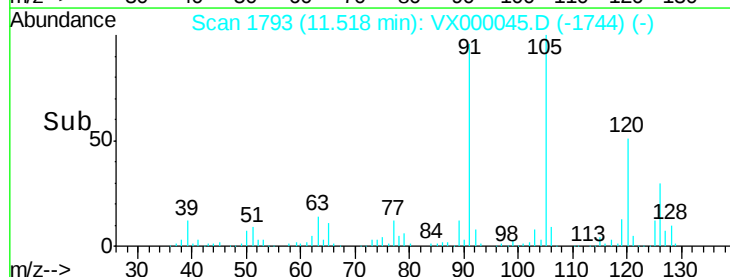
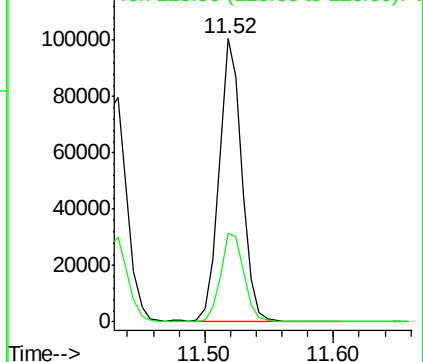
Ion Ratio Lower Upper

91 100

126 32.1 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

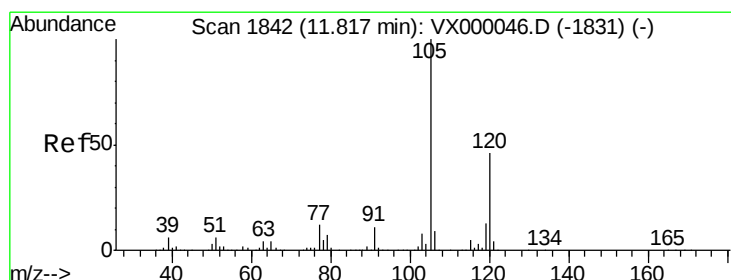
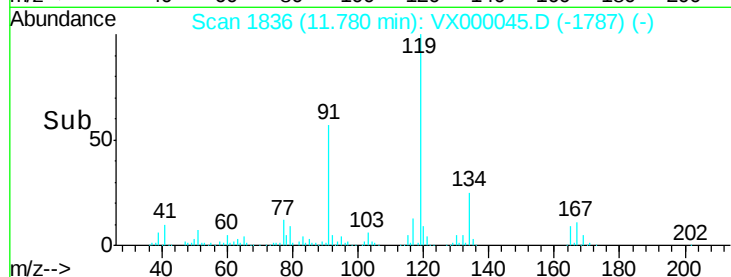
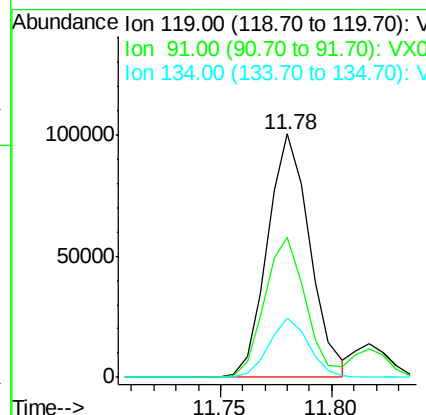
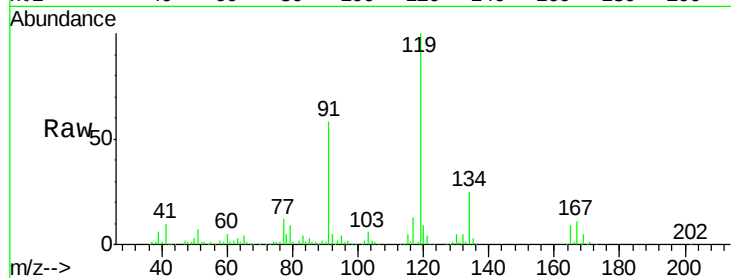




#83
 tert-Butylbenzene
 Concen: 20.79 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

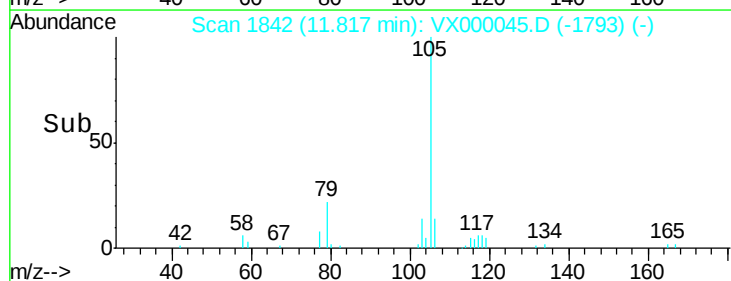
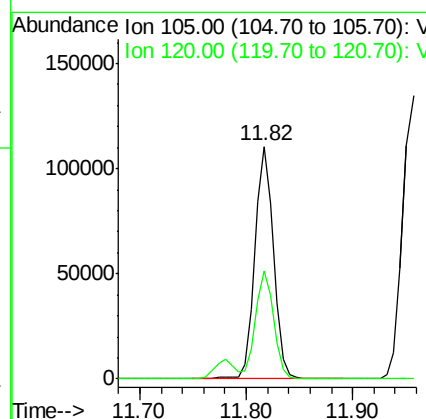
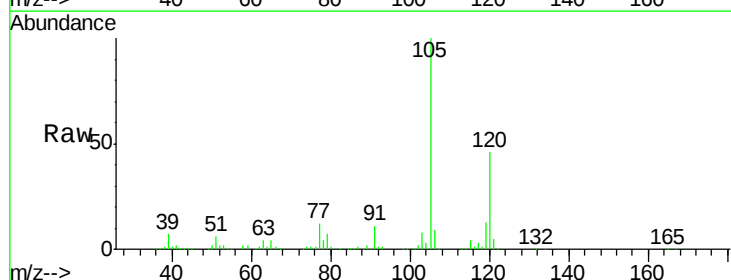
Instrument :
 ClientSampled :
 VSTDIC020

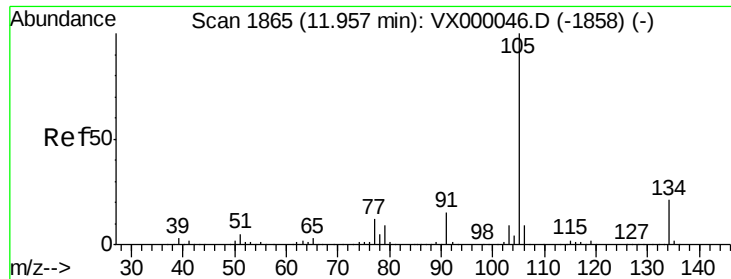
Tgt Ion:119 Resp: 133108
 Ion Ratio Lower Upper
 119 100
 91 56.1 27.9 83.7
 134 22.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.79 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion:105 Resp: 135769
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.4 70.2





#85

sec-Butylbenzene

Concen: 20.99 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :

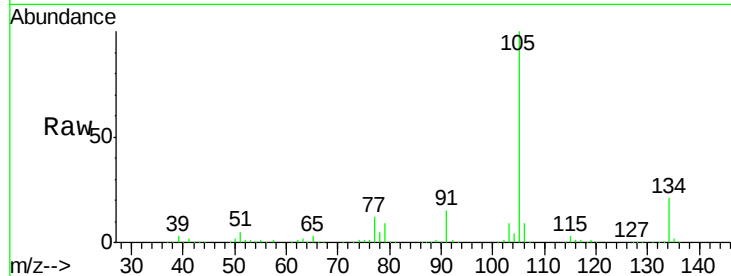
VSTDIC020

Tgt Ion:105 Resp: 165066

Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.96

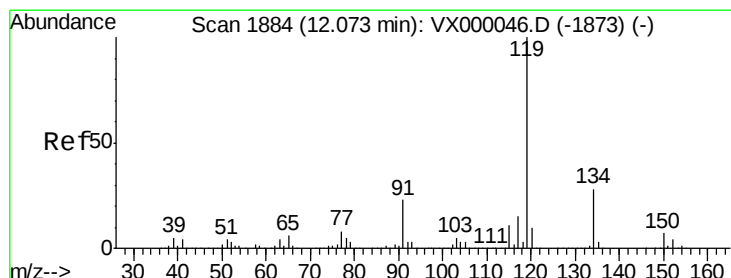
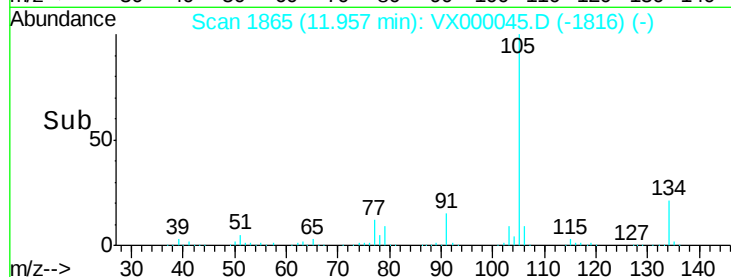
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.81 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

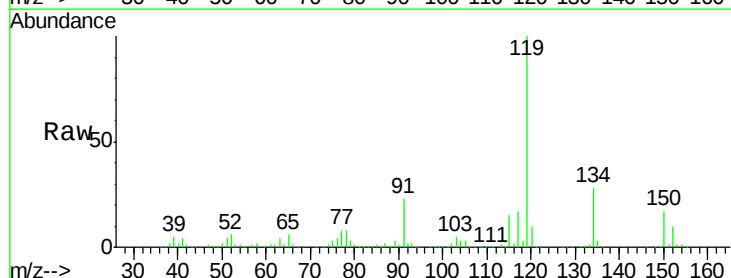
Tgt Ion:119 Resp: 147495

Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

91 23.7 11.6 34.7



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): V

12.07

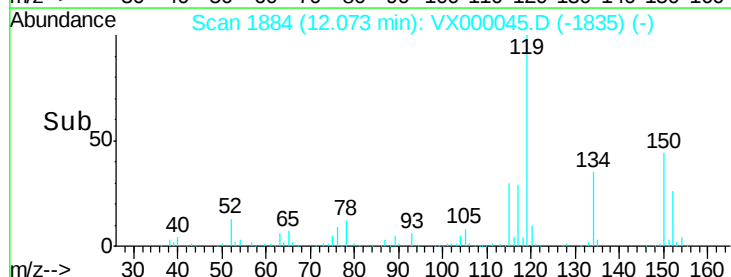
150000

100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.70 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampleId :

VSTDIC020

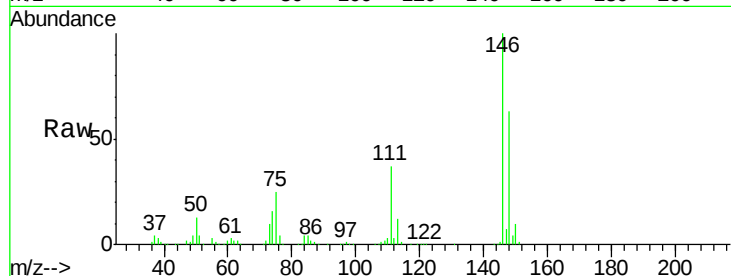
Tgt Ion:146 Resp: 80566

Ion Ratio Lower Upper

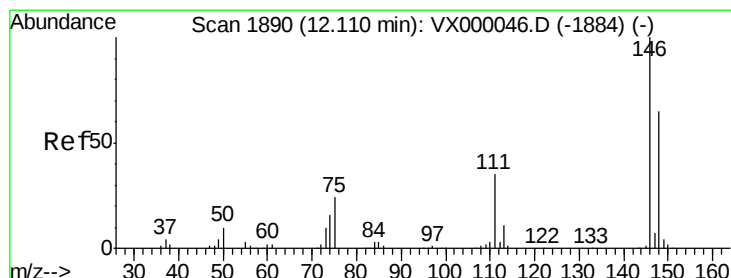
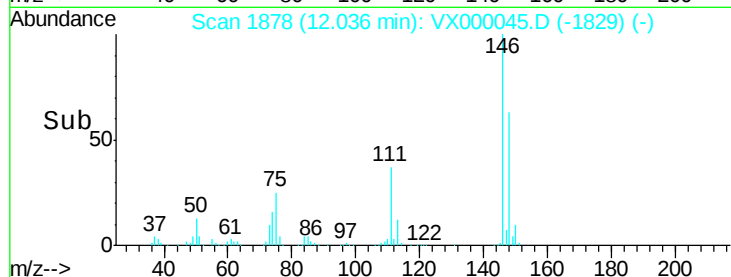
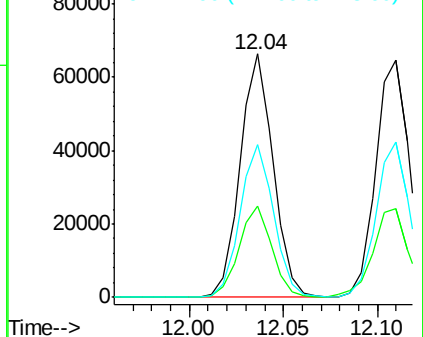
146 100

111 37.3 18.9 56.9

148 63.7 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 20.40 ug/l

RT: 12.11 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

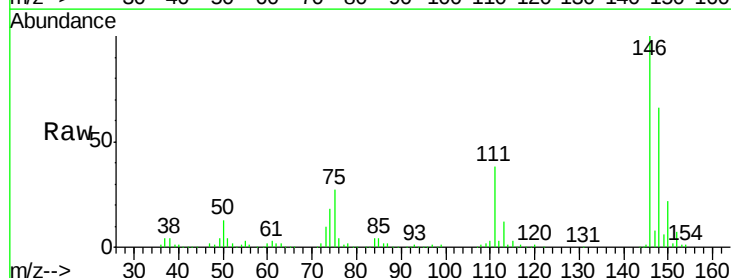
Tgt Ion:146 Resp: 80577

Ion Ratio Lower Upper

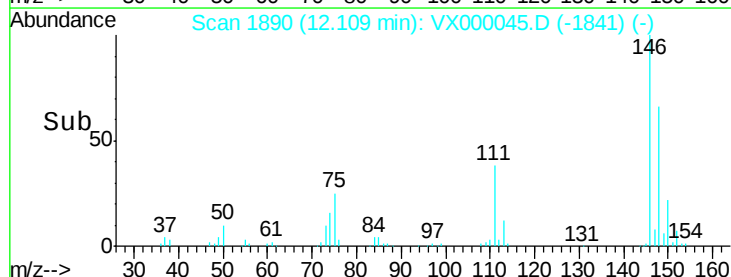
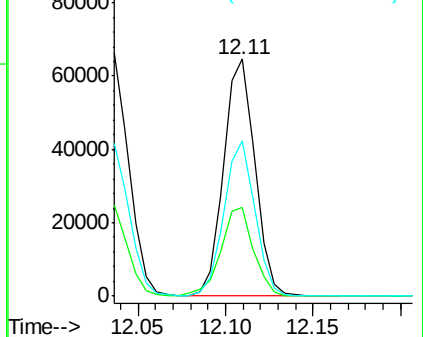
146 100

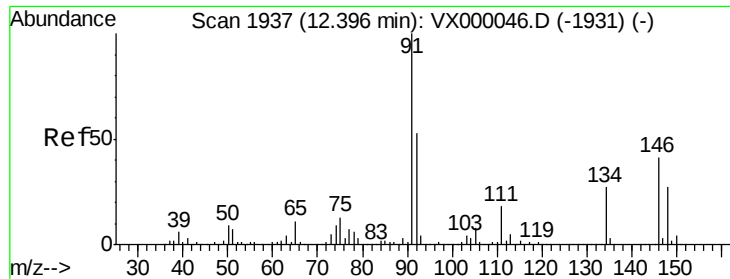
111 39.2 18.7 56.1

148 64.9 32.1 96.5



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





#89

n-Butylbenzene

Concen: 20.61 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampleId :

VSTDIC020

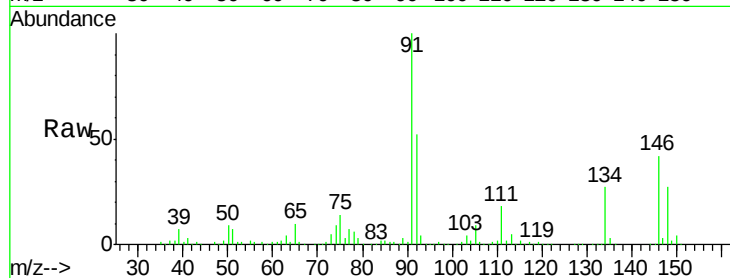
Tgt Ion: 91 Resp: 136412

Ion Ratio Lower Upper

91 100

92 52.9 26.1 78.2

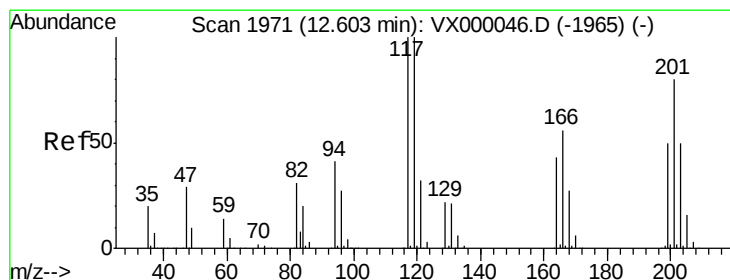
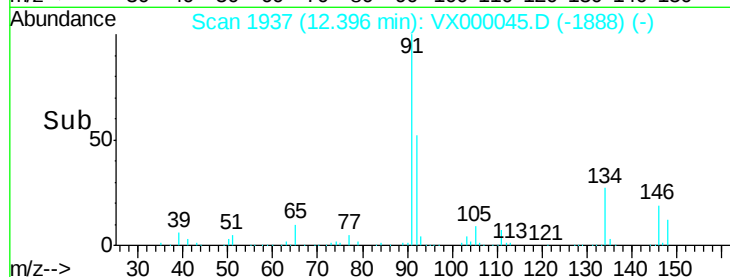
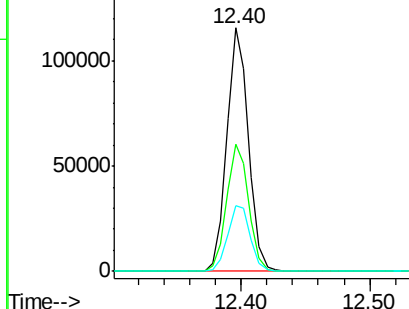
134 28.4 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VX000046.D (-1931) (-)

Ion 92.00 (91.70 to 92.70): VX000046.D (-1931) (-)

Ion 134.00 (133.70 to 134.70): VX000046.D (-1931) (-)



#90

Hexachloroethane

Concen: 21.89 ug/l

RT: 12.61 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VX000045.D

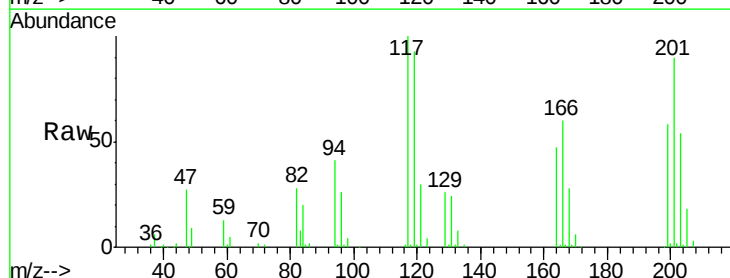
Acq: 09 Feb 2018 16:04

Tgt Ion: 117 Resp: 24964

Ion Ratio Lower Upper

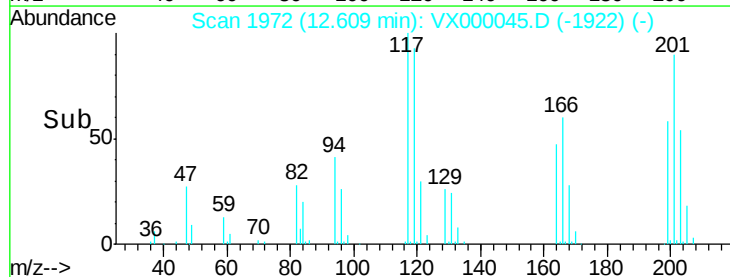
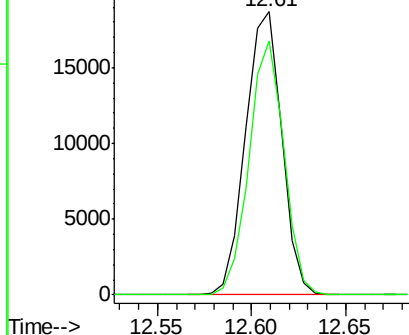
117 100

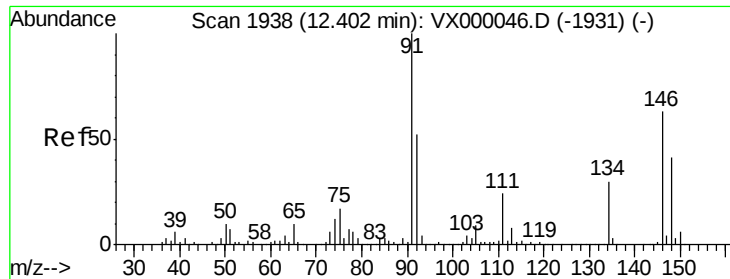
201 86.2 43.5 130.7



Abundance Ion 116.80 (116.50 to 117.50): VX000046.D (-1965) (-)

Ion 200.70 (200.40 to 201.40): VX000046.D (-1965) (-)

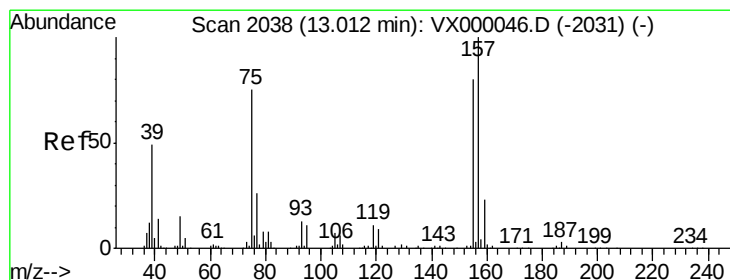
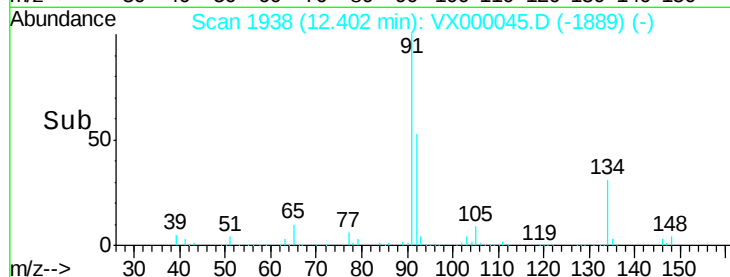
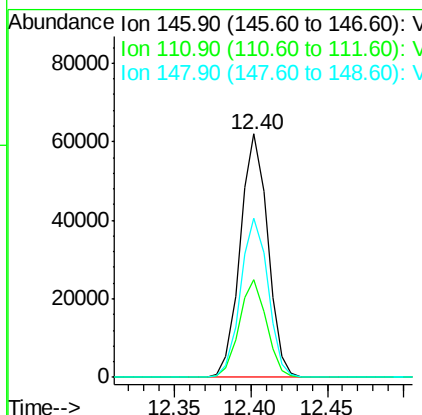
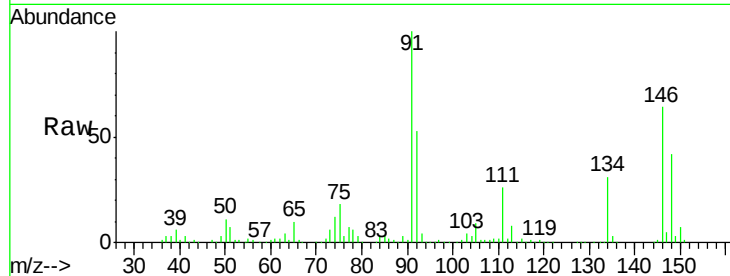




#91
 1,2-Dichlorobenzene
 Concen: 20.40 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

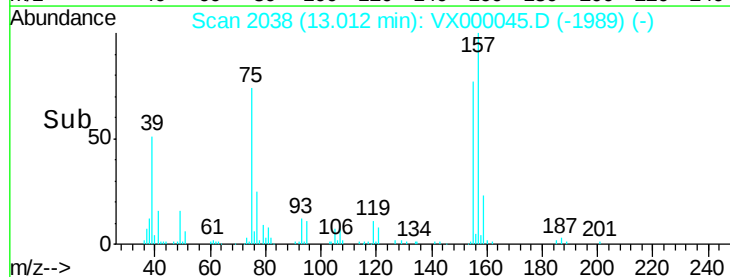
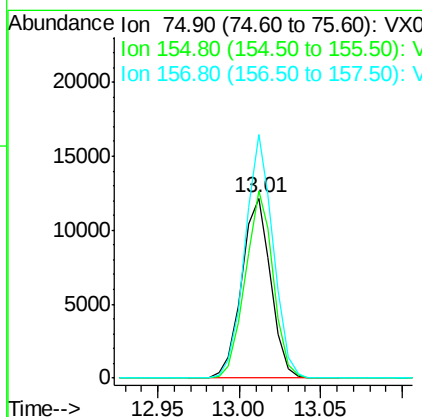
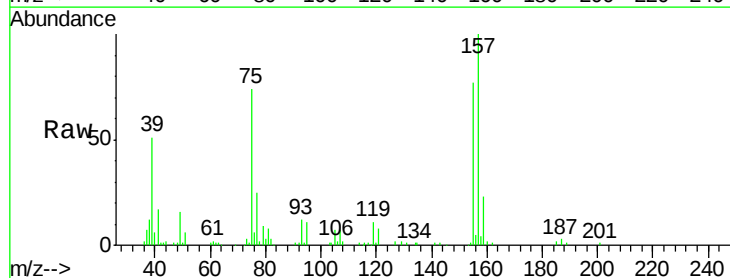
Instrument :
 ClientSampled :
 VSTDIC020

Tgt Ion:146 Resp: 77447
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.4 58.2
 148 65.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.01 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion: 75 Resp: 15149
 Ion Ratio Lower Upper
 75 100
 155 99.2 52.0 156.0
 157 130.3 65.3 195.9

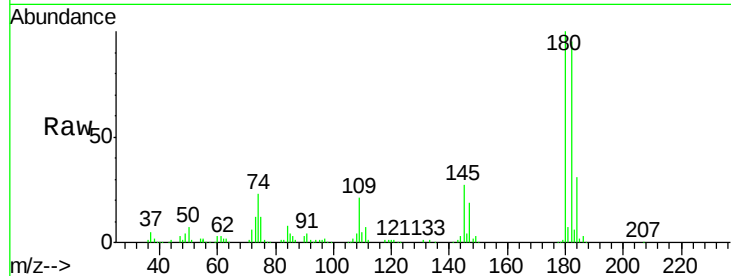




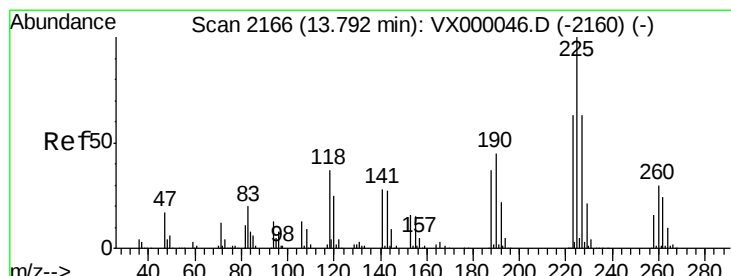
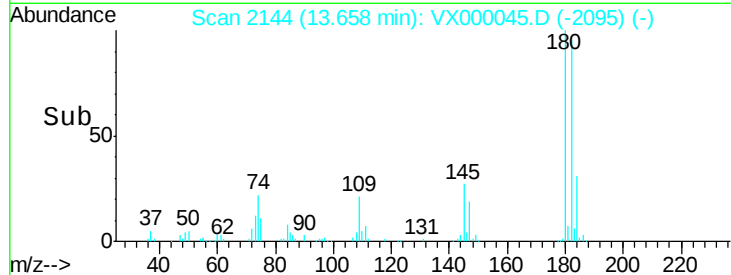
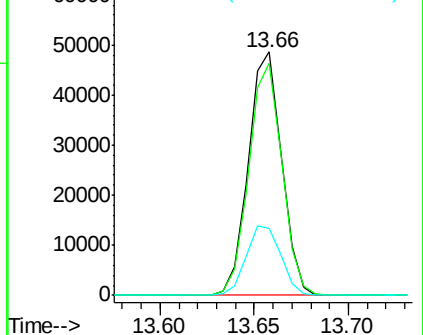
#93
 1,2,4-Trichlorobenzene
 Concen: 20.36 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Instrument :
 ClientSampleID :
 VSTDIC020

Tgt Ion:180 Resp: 59649
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.0 144.0
 145 29.6 14.7 44.1

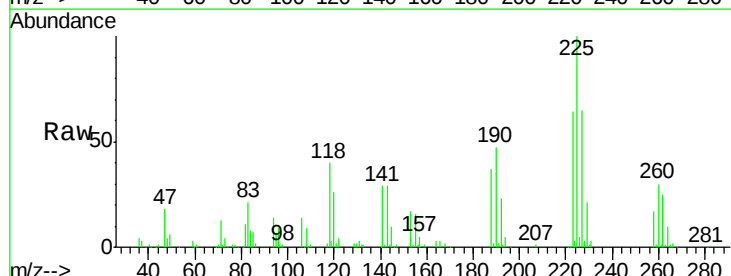


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

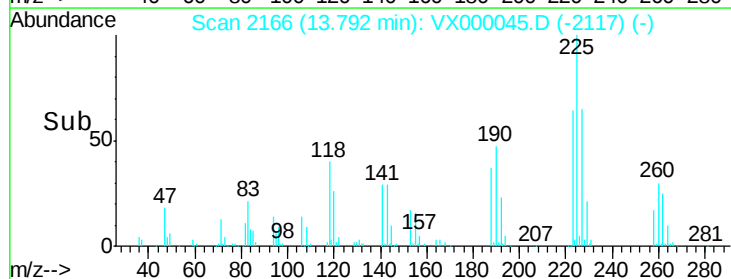
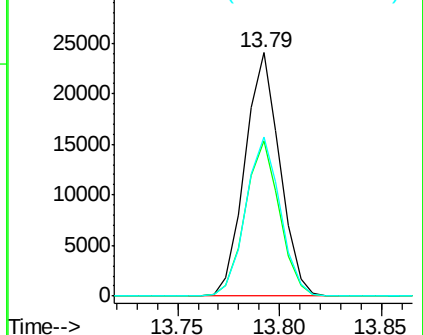


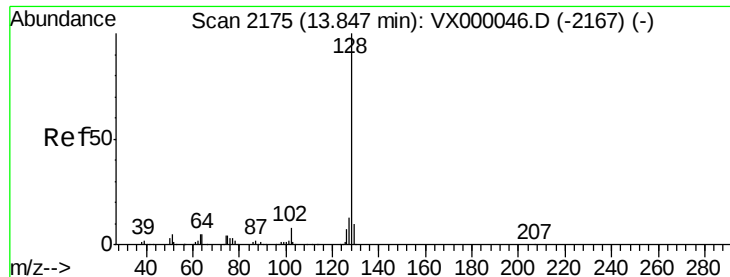
#94
 Hexachlorobutadiene
 Concen: 21.27 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000045.D
 Acq: 09 Feb 2018 16:04

Tgt Ion:225 Resp: 28531
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.9 95.5
 227 64.9 31.6 95.0



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





#95

Naphthalene

Concen: 19.78 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

Instrument :

ClientSampled :

VSTDIC020

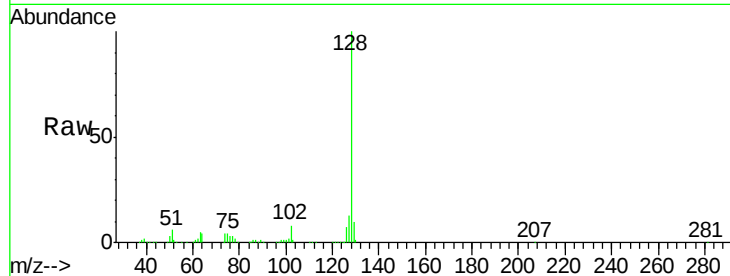
Tgt Ion:128 Resp: 194648

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

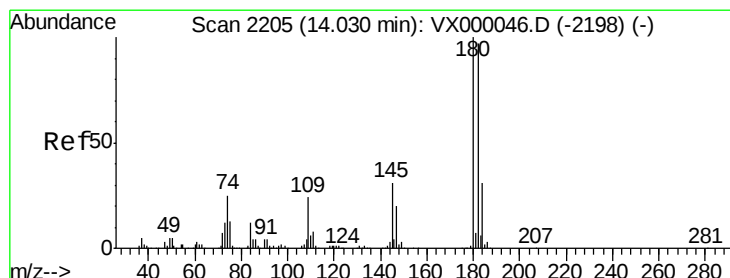
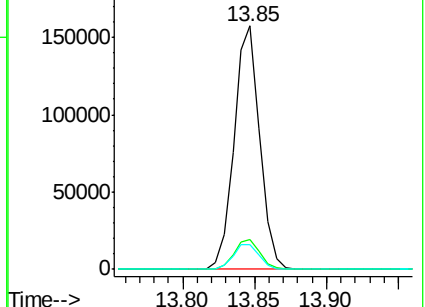
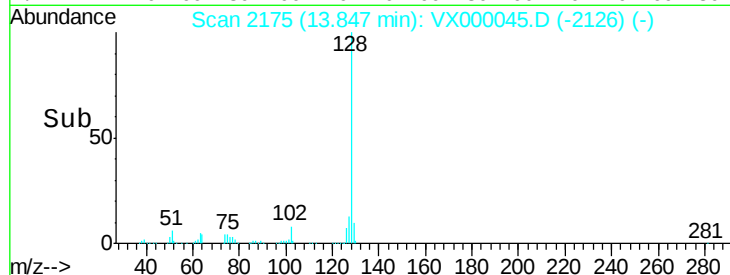
129 10.7 8.6 13.0



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: 20.42 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000045.D

Acq: 09 Feb 2018 16:04

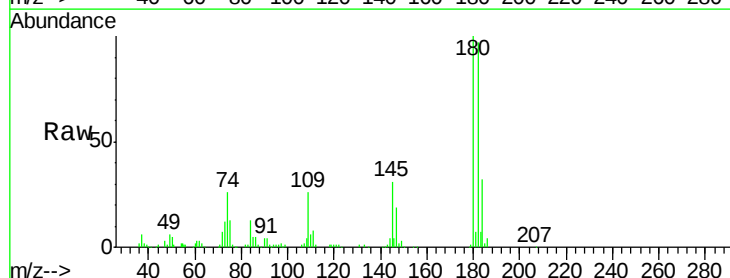
Tgt Ion:180 Resp: 58605

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 31.6 15.7 47.0



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

