

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031618\
 Data File : VX000351.D
 Acq On : 16 Mar 2018 17:02
 Operator : JC/MD
 Sample : VX0316MBSD01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBSD01

Quant Time: Mar 17 00:38:03 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	147937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	239283	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	234372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	131752	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	94916	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	5.51	113	73564	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
50) Toluene-d8	8.73	98	280300	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	
62) 4-Bromofluorobenzene	11.15	95	107278	42.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.96%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	30210	18.96	ug/l	98
3) Chloromethane	1.32	50	30992	19.08	ug/l	96
4) Vinyl Chloride	1.41	62	34341	18.87	ug/l	94
5) Bromomethane	1.64	94	34289	16.89	ug/l	95
6) Chloroethane	1.73	64	22316	17.26	ug/l	97
7) Trichlorofluoromethane	1.93	101	60367	19.10	ug/l	100
8) Diethyl Ether	2.19	74	22442	19.95	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33652	19.78	ug/l	98
10) Methyl Iodide	2.52	142	27161	15.80	ug/l	99
11) Tert butyl alcohol	3.06	59	61755	93.26	ug/l	100
12) 1,1-Dichloroethene	2.38	96	29537	18.29	ug/l	95
13) Acrolein	2.29	56	26698	93.71	ug/l	99
14) Allyl chloride	2.73	41	53432	18.56	ug/l	99
15) Acrylonitrile	3.15	53	122868	96.23	ug/l	100
16) Acetone	2.45	43	134685	98.56	ug/l	96
17) Carbon Disulfide	2.57	76	77049	16.33	ug/l	99
18) Methyl Acetate	2.78	43	61407	20.08	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	114136	20.08	ug/l	98
20) Methylene Chloride	2.86	84	35752	20.21	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	31401	17.59	ug/l	99
22) Diisopropyl ether	3.88	45	105169	21.94	ug/l	94
23) Vinyl Acetate	3.83	43	505544	110.67	ug/l	100
24) 1,1-Dichloroethane	3.70	63	58900	19.54	ug/l	100
25) 2-Butanone	4.71	43	168470	103.15	ug/l	99
26) 2,2-Dichloropropane	4.59	77	42474	19.52	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	32528	19.95	ug/l	99
28) Bromochloromethane	5.03	49	24728	19.51	ug/l	98
29) Tetrahydrofuran	5.17	42	103716	98.67	ug/l	99
30) Chloroform	5.23	83	57296	20.13	ug/l	95
31) Cyclohexane	5.58	56	45139	19.51	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	50421	20.04	ug/l	98
36) 1,1-Dichloropropene	5.81	75	42831	19.70	ug/l	97
37) Ethyl Acetate	4.87	43	57939	20.05	ug/l	98
38) Carbon Tetrachloride	5.79	117	41539	18.95	ug/l	98

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Quant Time: Mar 17 00:38:03 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	52465	20.69	ug/l	96
40) Benzene	6.15	78	123789	20.07	ug/l	99
41) Methacrylonitrile	5.06	41	31011	20.44	ug/l	98
42) 1,2-Dichloroethane	6.20	62	50667	20.72	ug/l	98
43) Isopropyl Acetate	6.48	43	88213	21.15	ug/l	98
44) Trichloroethene	7.22	130	35577	19.91	ug/l	99
45) 1,2-Dichloropropane	7.52	63	32161	21.14	ug/l	100
46) Dibromomethane	7.67	93	24715	20.22	ug/l	97
47) Bromodichloromethane	7.91	83	43995	20.28	ug/l	98
48) Methyl methacrylate	7.79	41	42362	20.09	ug/l	99
49) 1,4-Dioxane	7.76	88	18485	389.62	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	329520	101.74	ug/l	98
52) Toluene	8.79	92	83781	19.34	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	50293	20.09	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	47173	19.27	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	35826	20.61	ug/l	98
56) Ethyl methacrylate	9.19	69	53727	20.87	ug/l	99
57) 1,3-Dichloropropane	9.38	76	58080	20.62	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	125283	117.17	ug/l	99
59) 2-Hexanone	9.51	43	276096	101.18	ug/l	100
60) Dibromochloromethane	9.59	129	36549	19.88	ug/l	98
61) 1,2-Dibromoethane	9.68	107	37941	19.69	ug/l	99
64) Tetrachloroethene	9.34	164	35111	22.09	ug/l	96
65) Chlorobenzene	10.15	112	98750	20.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	33691	20.99	ug/l	98
67) Ethyl Benzene	10.26	91	167780	20.62	ug/l	95
68) m/p-Xylenes	10.37	106	133244	42.03	ug/l	96
69) o-Xylene	10.71	106	63907	20.75	ug/l	99
70) Styrene	10.72	104	104294	20.41	ug/l	98
71) Bromoform	10.87	173	27730	19.77	ug/l #	95
73) Isopropylbenzene	11.02	105	173979	21.92	ug/l	100
74) N-amyl acetate	6.48	43	88213	23.22	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	62700	22.20	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	69917	28.48	ug/l	84
77) Bromobenzene	11.26	156	45150	21.68	ug/l	99
78) n-propylbenzene	11.37	91	201677	21.08	ug/l	100
79) 2-Chlorotoluene	11.43	91	115875	21.34	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	147092	21.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	15689	19.55	ug/l	92
82) 4-Chlorotoluene	11.52	91	142599	21.37	ug/l	98
83) tert-Butylbenzene	11.78	119	145329	22.04	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	156832	22.57	ug/l	100
85) sec-Butylbenzene	11.96	105	181672	22.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	163171	22.21	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	84719	20.73	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	86444	20.35	ug/l	96
89) n-Butylbenzene	12.40	91	146927	20.57	ug/l	98
90) Hexachloroethane	12.60	117	24523	20.81	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	84648	21.38	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16363	21.40	ug/l	96

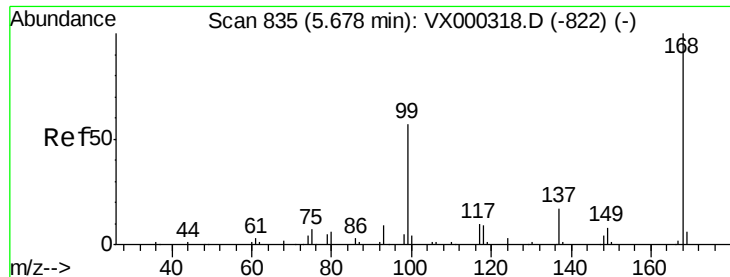
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031618\
Data File : VX000351.D
Acq On : 16 Mar 2018 17:02
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58943	20.67	ug/l	99
94) Hexachlorobutadiene	13.79	225	24477	21.76	ug/l	98
95) Naphthalene	13.84	128	218769	22.11	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	58318	20.24	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

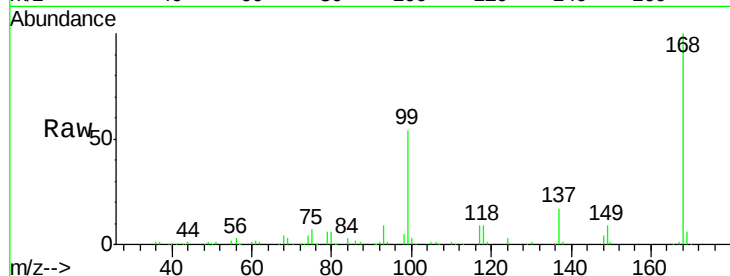
VX0316MBSD01

Tgt Ion:168 Resp: 147937

Ion Ratio Lower Upper

168 100

99 53.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

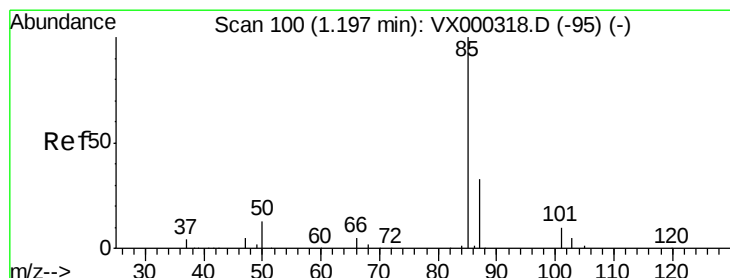
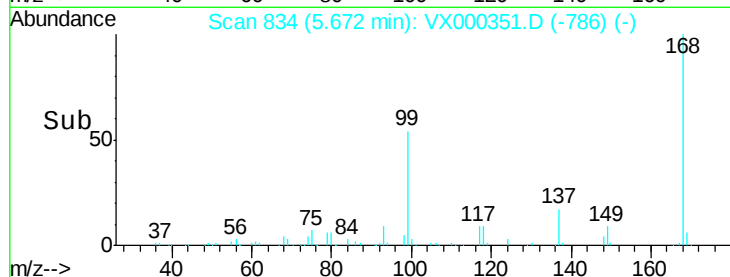
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.96 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000351.D

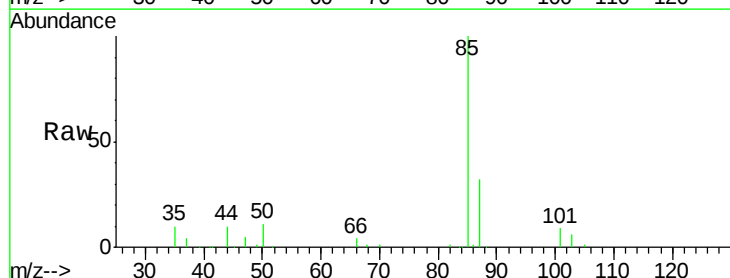
Acq: 16 Mar 2018 17:02

Tgt Ion: 85 Resp: 30210

Ion Ratio Lower Upper

85 100

87 32.2 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

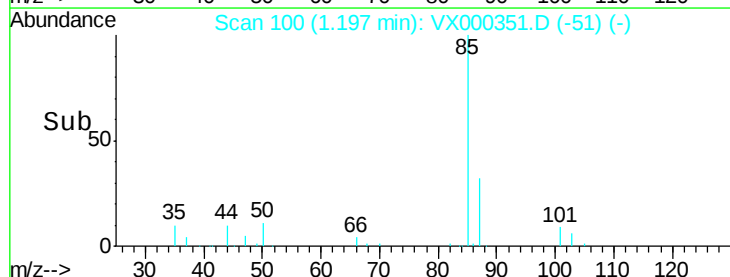
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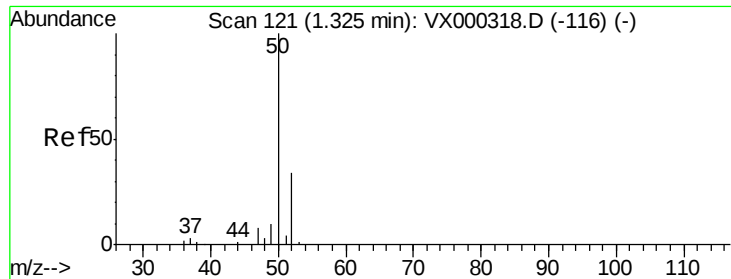
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

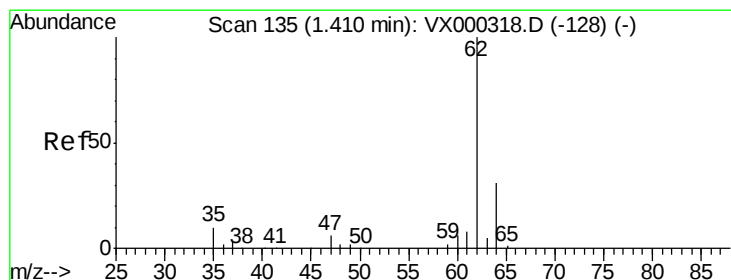
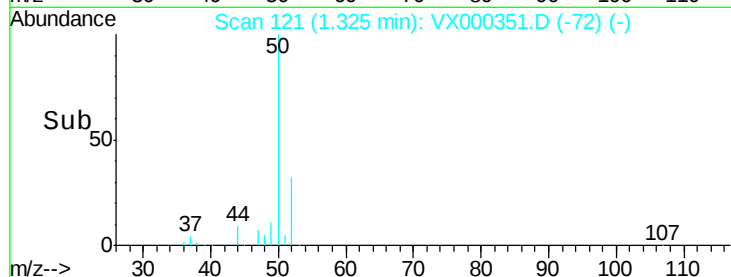
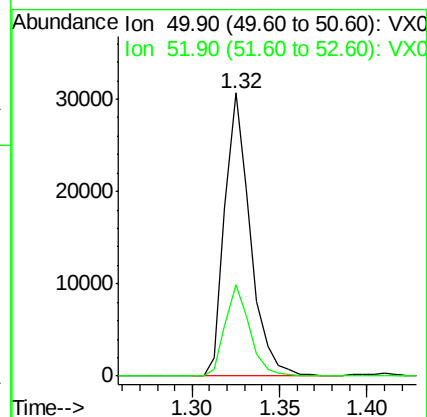
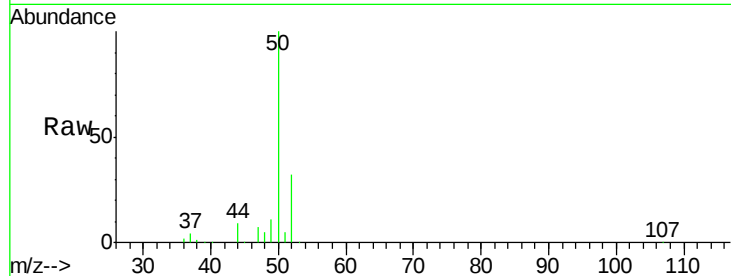
VX0316MBSD01

Tgt Ion: 50 Resp: 30992

Ion Ratio Lower Upper

50 100

52 32.3 27.5 41.3



#4

Vinyl Chloride

Concen: 18.87 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000351.D

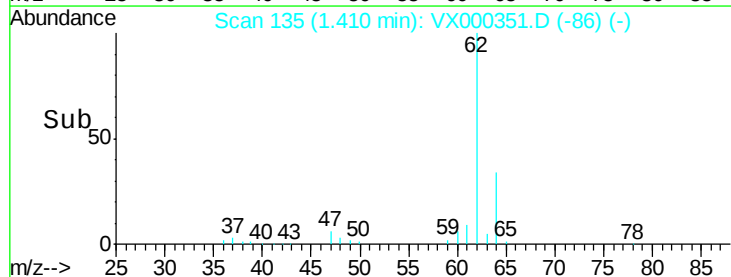
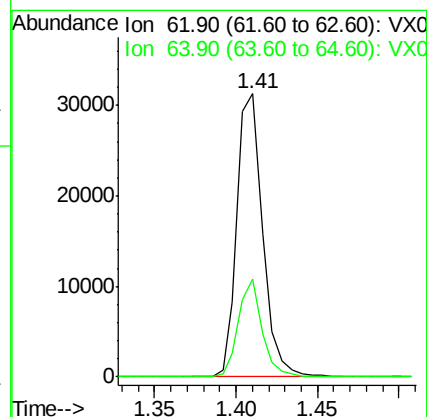
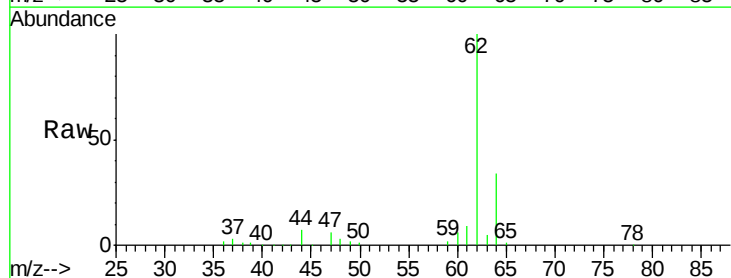
Acq: 16 Mar 2018 17:02

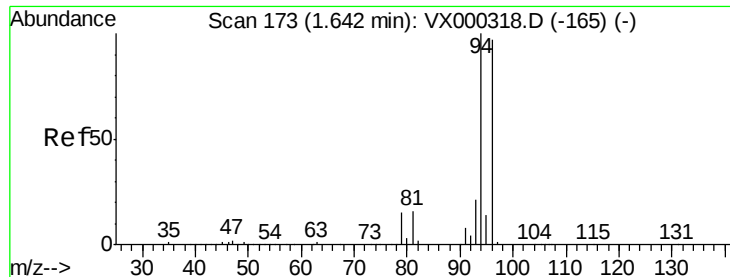
Tgt Ion: 62 Resp: 34341

Ion Ratio Lower Upper

62 100

64 34.3 24.8 37.2





#5

Bromomethane

Concen: 16.89 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

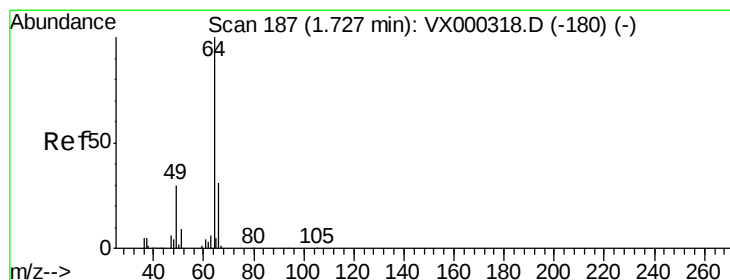
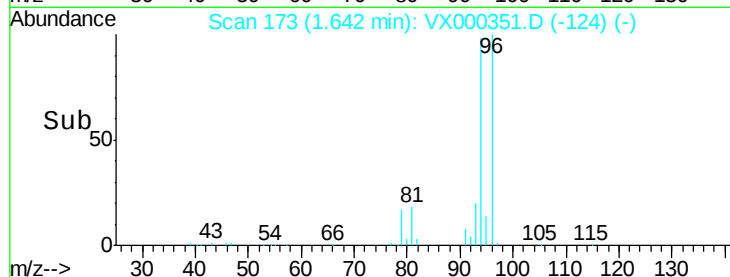
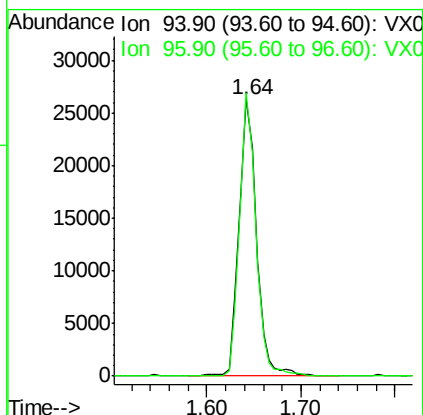
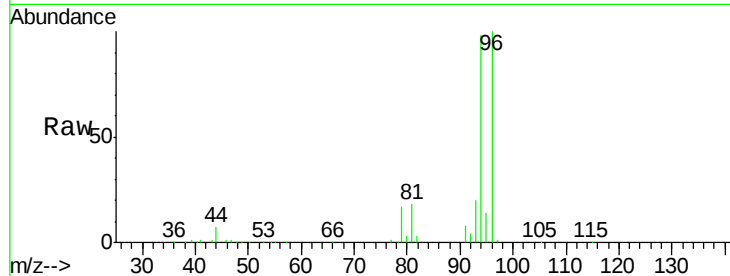
VX0316MBSD01

Tgt Ion: 94 Resp: 34289

Ion Ratio Lower Upper

94 100

96 102.3 77.7 116.5



#6

Chloroethane

Concen: 17.26 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000351.D

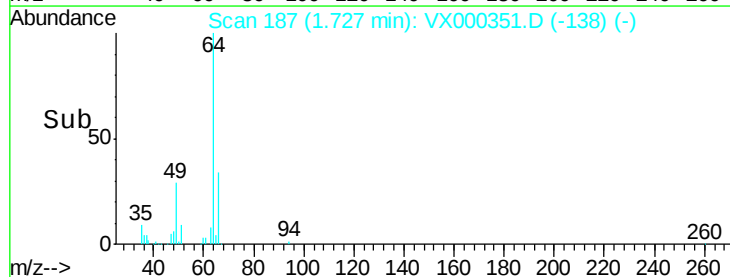
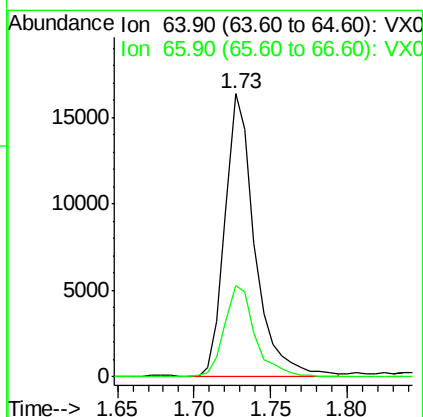
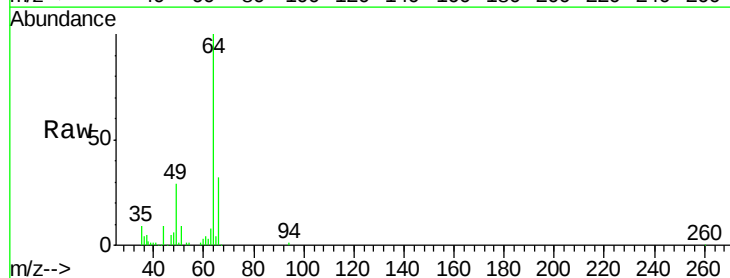
Acq: 16 Mar 2018 17:02

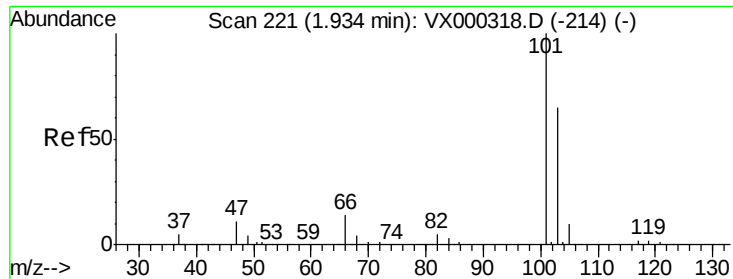
Tgt Ion: 64 Resp: 22316

Ion Ratio Lower Upper

64 100

66 32.4 24.8 37.2



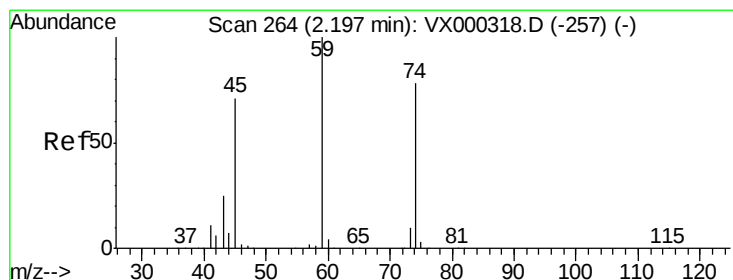
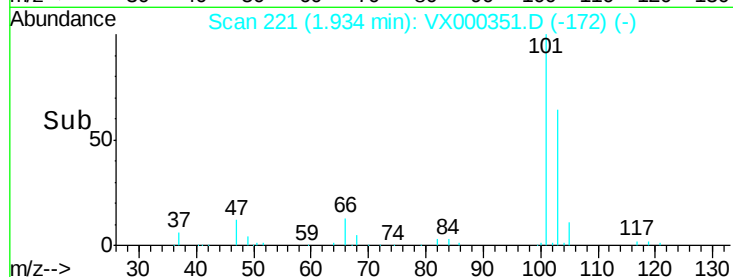
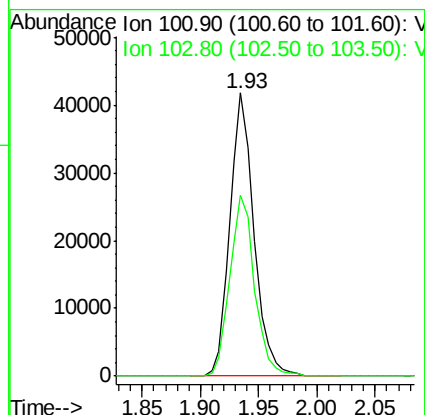
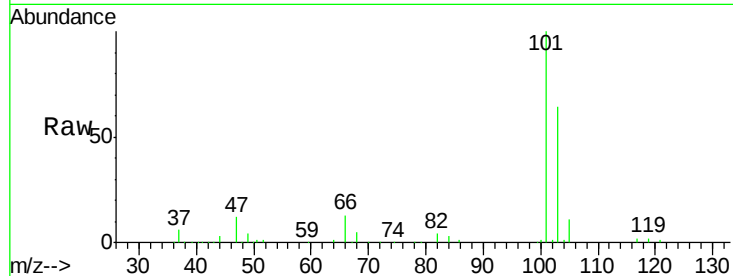


#7

Trichlorofluoromethane
 Concen: 19.10 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

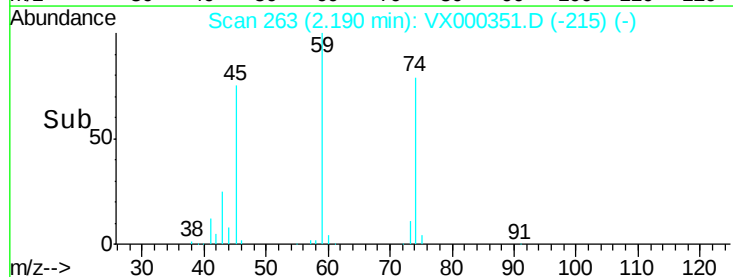
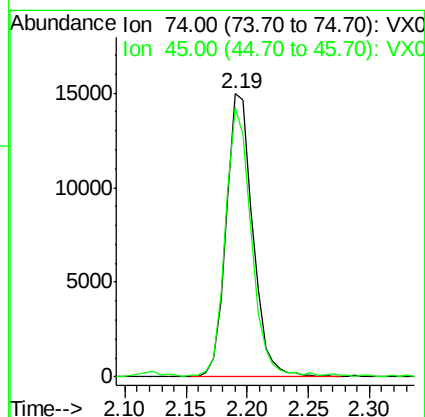
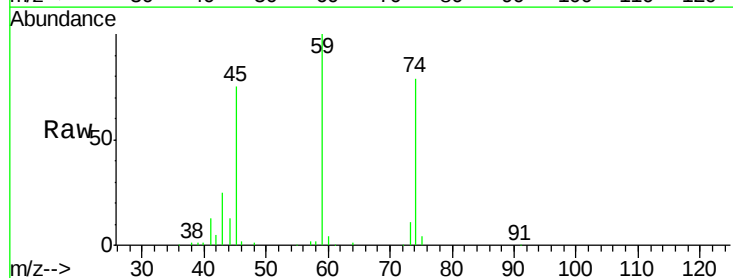
Tgt Ion:101 Resp: 60367
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.6 77.4

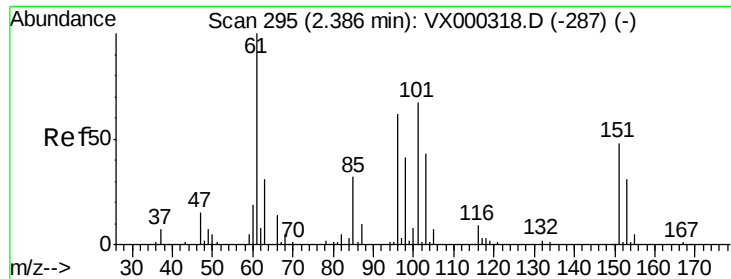


#8

Diethyl Ether
 Concen: 19.95 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion: 74 Resp: 22442
 Ion Ratio Lower Upper
 74 100
 45 92.3 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.78 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

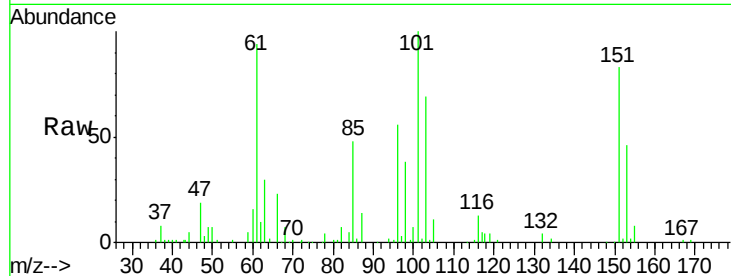
Tgt Ion:101 Resp: 33652

Ion Ratio Lower Upper

101 100

85 48.6 37.6 56.4

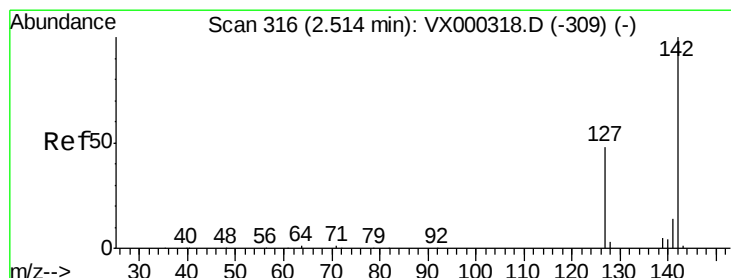
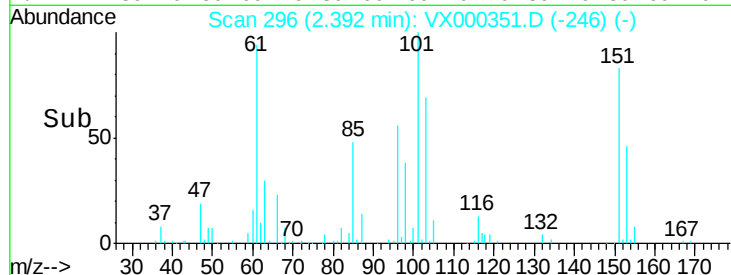
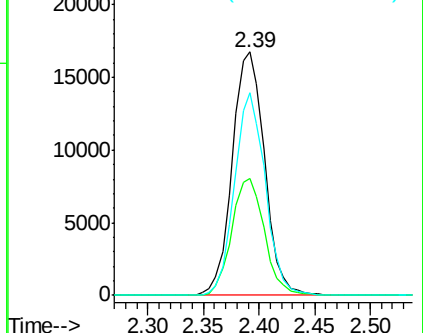
151 79.2 62.6 93.8



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: 15.80 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

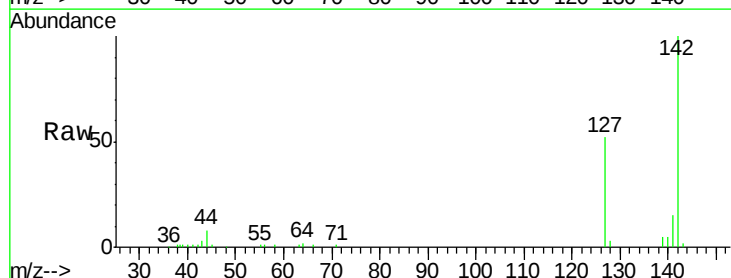
Tgt Ion:142 Resp: 27161

Ion Ratio Lower Upper

142 100

127 50.1 39.2 58.8

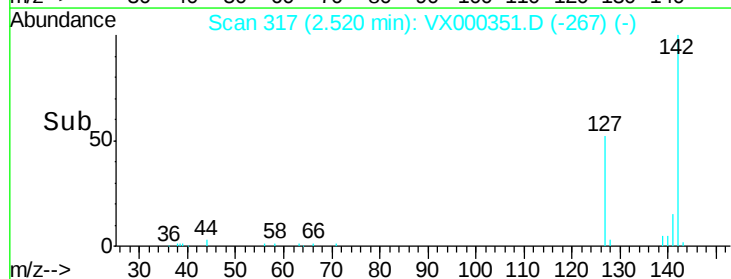
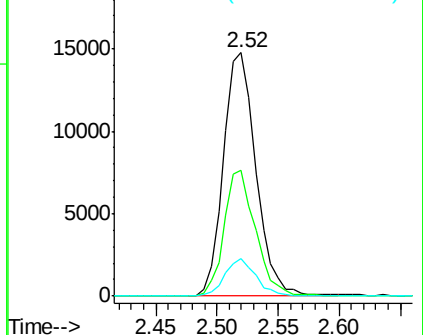
141 14.7 11.7 17.5

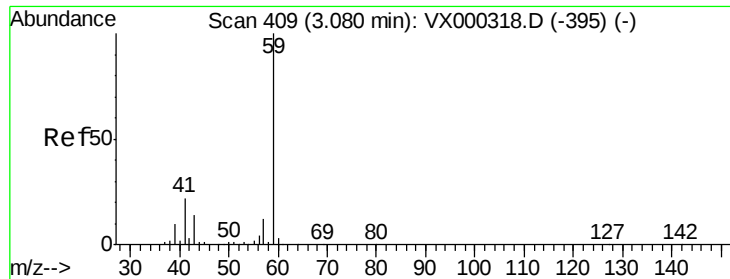


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

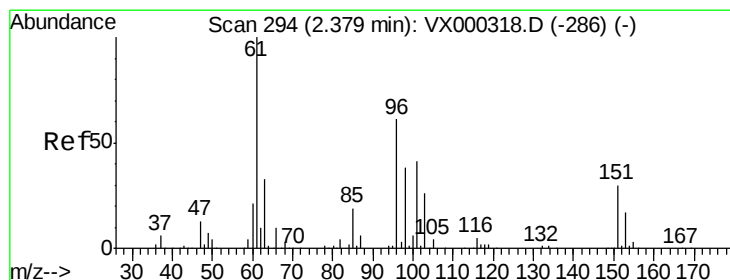
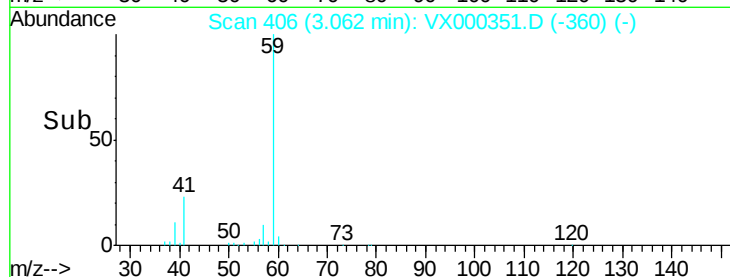
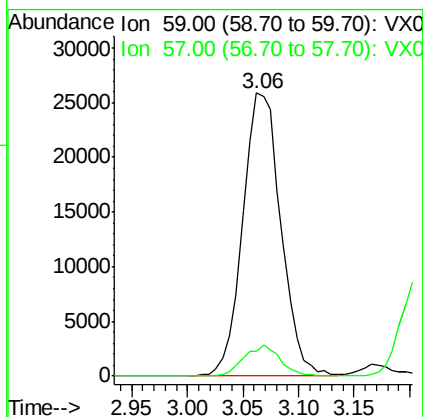
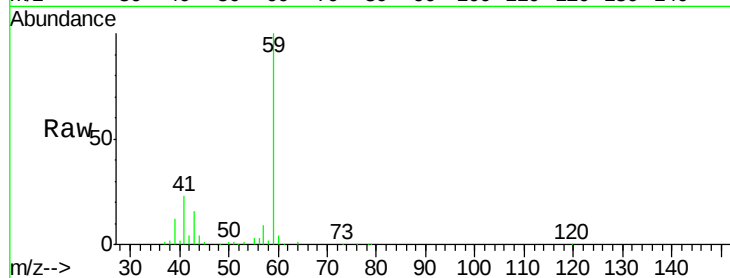




#11
Tert butyl alcohol
Concen: 93.26 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

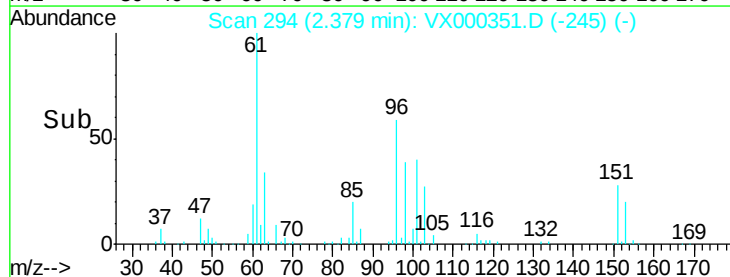
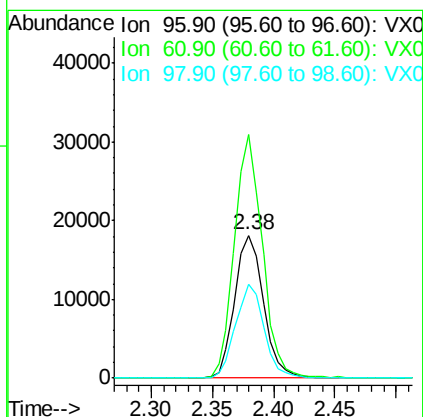
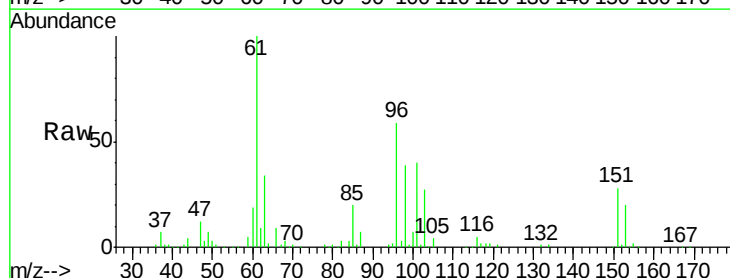
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

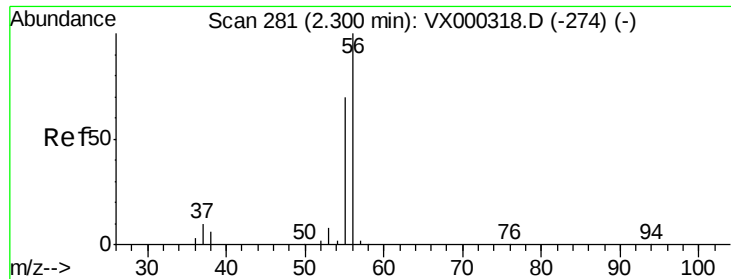
Tgt Ion: 59 Resp: 61755
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 18.29 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion: 96 Resp: 29537
Ion Ratio Lower Upper
96 100
61 170.4 131.2 196.8
98 65.8 49.8 74.8





#13

Acrolein

Concen: 93.71 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

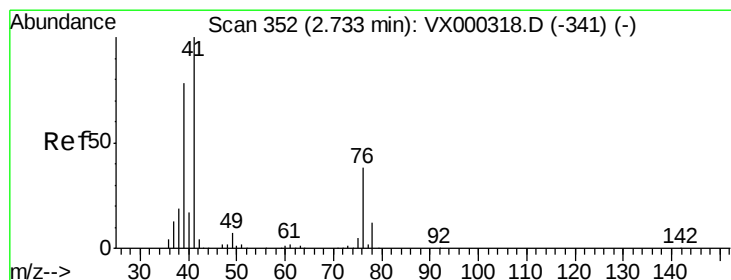
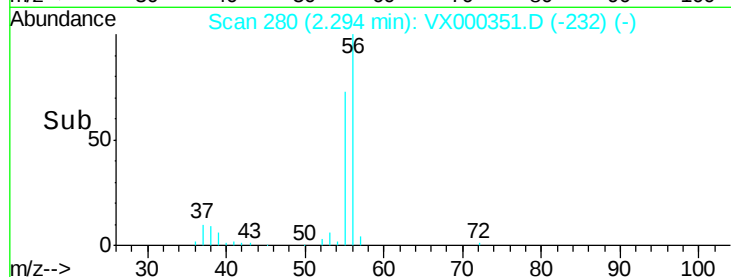
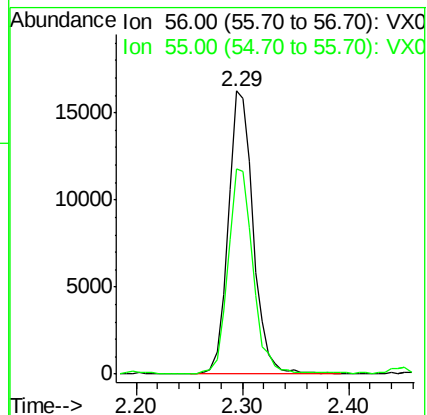
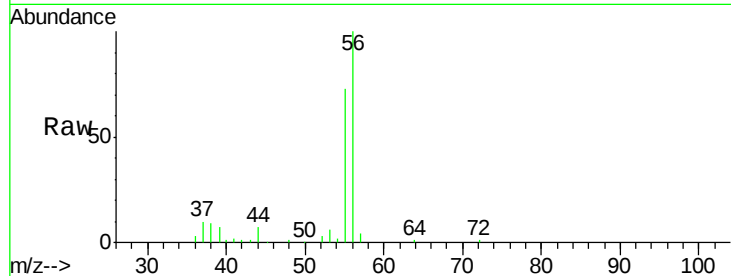
VX0316MBSD01

Tgt Ion: 56 Resp: 26698

Ion Ratio Lower Upper

56 100

55 72.6 58.8 88.2



#14

Allyl chloride

Concen: 18.56 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

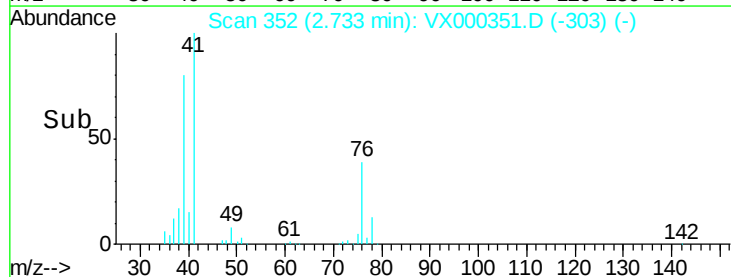
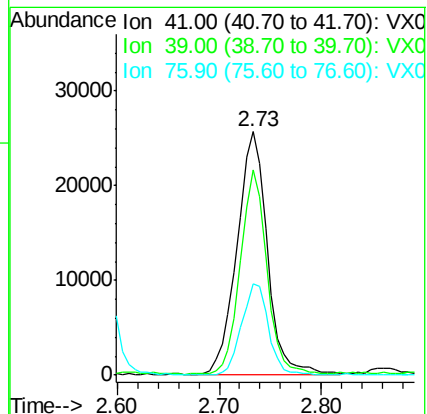
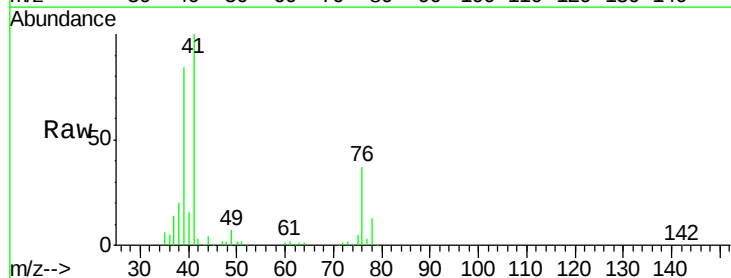
Tgt Ion: 41 Resp: 53432

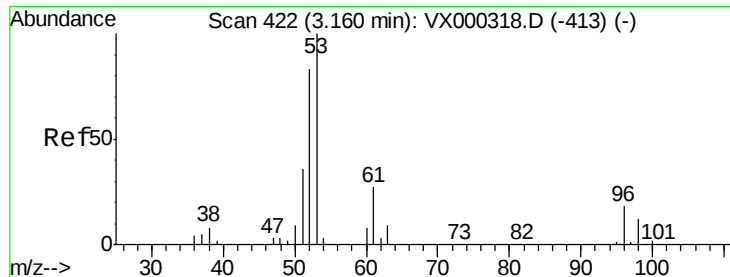
Ion Ratio Lower Upper

41 100

39 72.9 57.6 86.4

76 32.9 27.3 40.9





#15

Acrylonitrile

Concen: 96.23 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

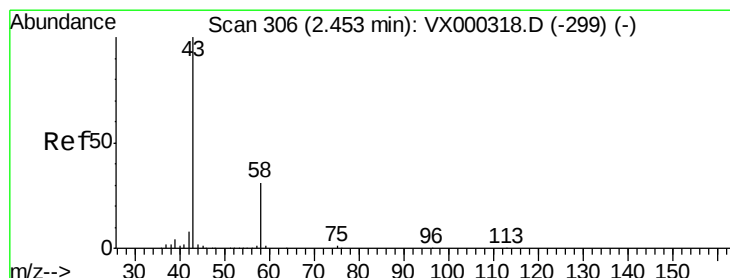
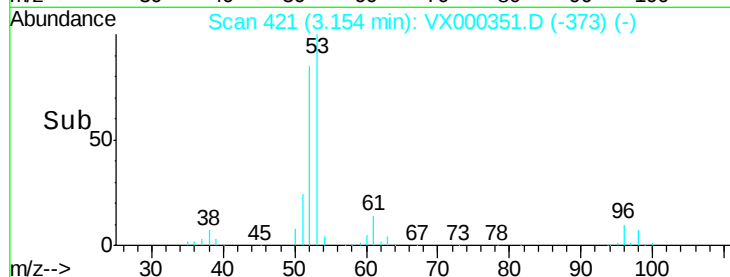
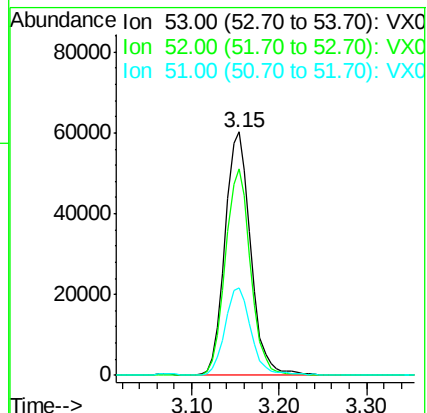
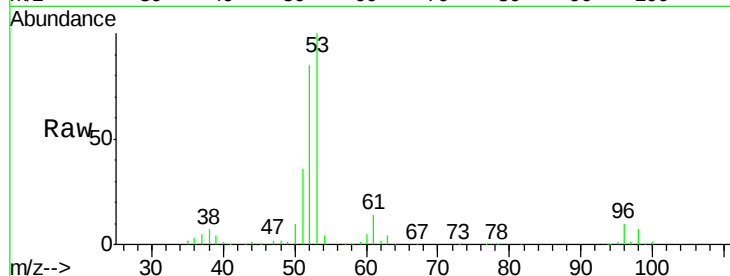
Tgt Ion: 53 Resp: 122868

Ion Ratio Lower Upper

53 100

52 83.4 66.6 99.8

51 37.0 29.3 43.9



#16

Acetone

Concen: 98.56 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000351.D

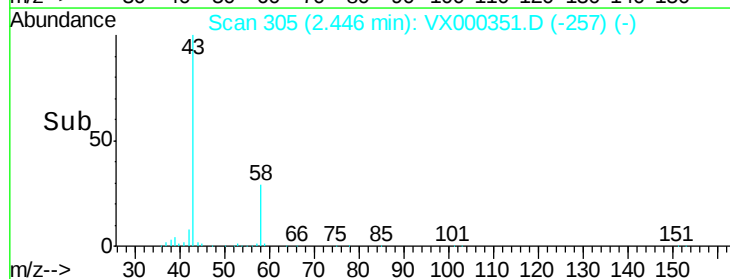
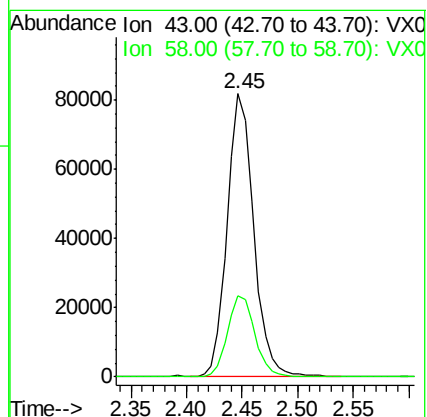
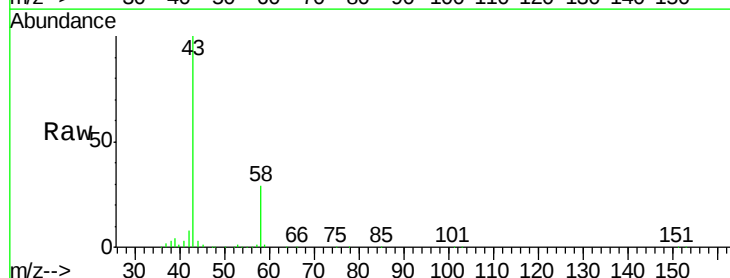
Acq: 16 Mar 2018 17:02

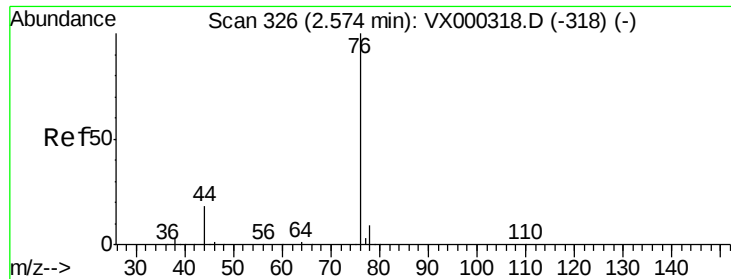
Tgt Ion: 43 Resp: 134685

Ion Ratio Lower Upper

43 100

58 28.6 24.7 37.1

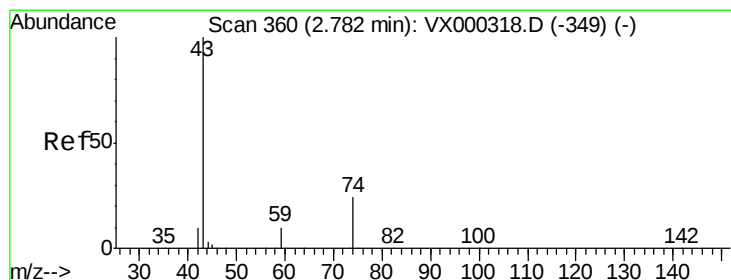
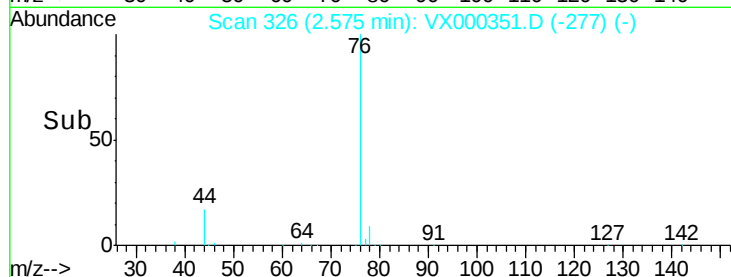
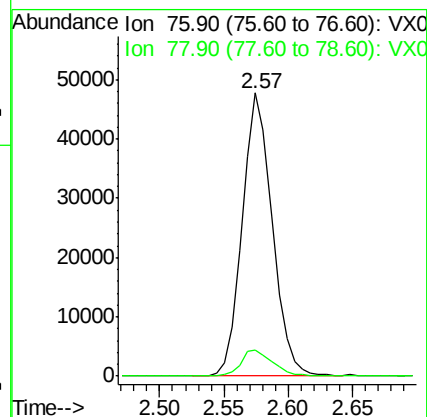
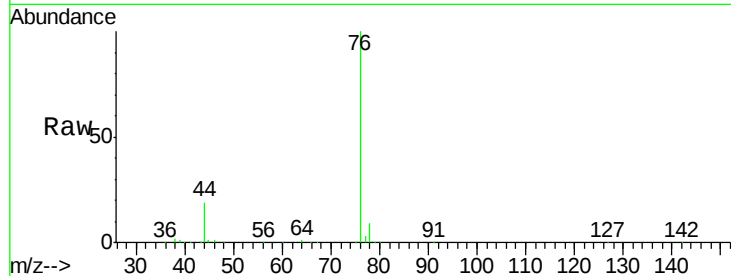




#17
Carbon Disulfide
Concen: 16.33 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

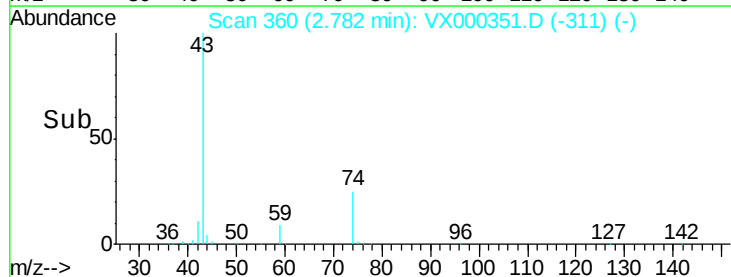
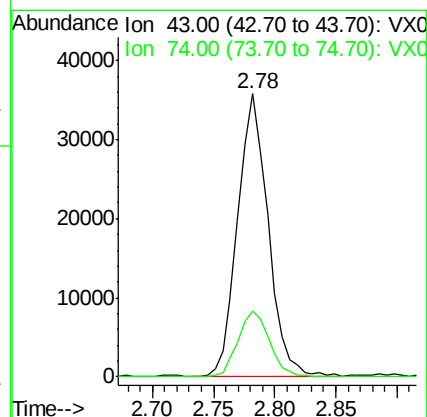
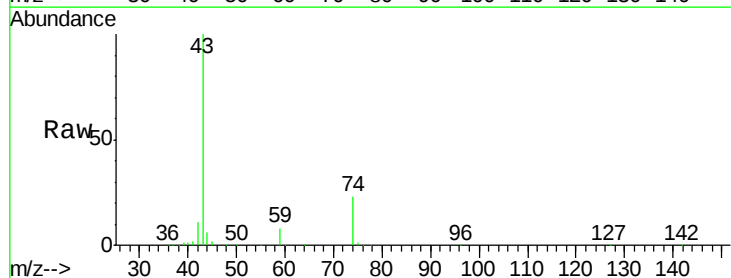
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

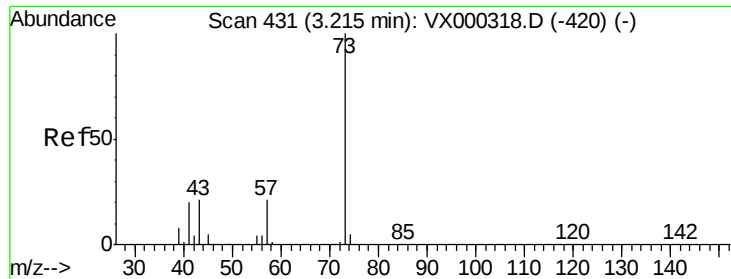
Tgt Ion: 76 Resp: 77049
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 20.08 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion: 43 Resp: 61407
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.2

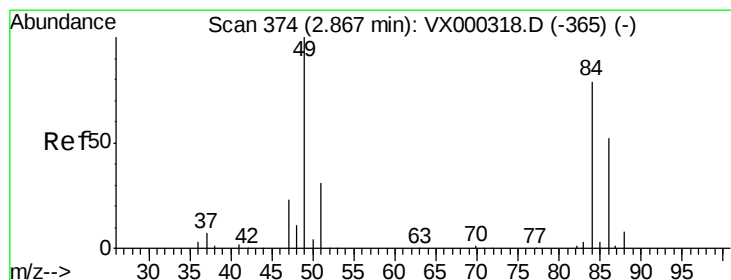
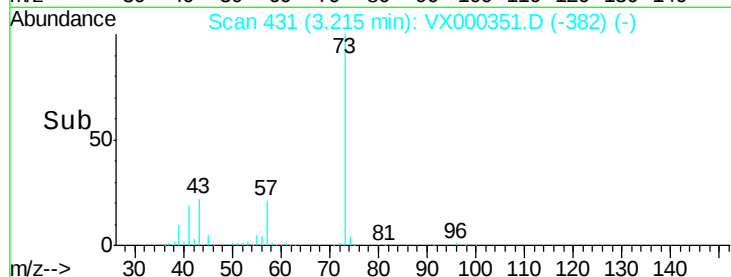
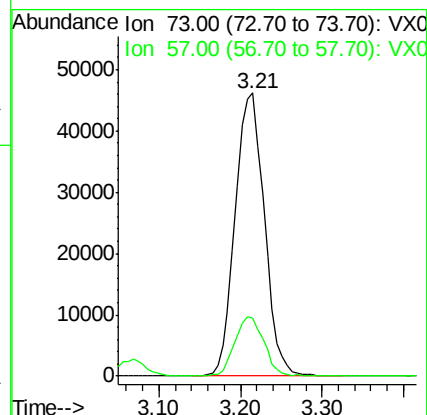
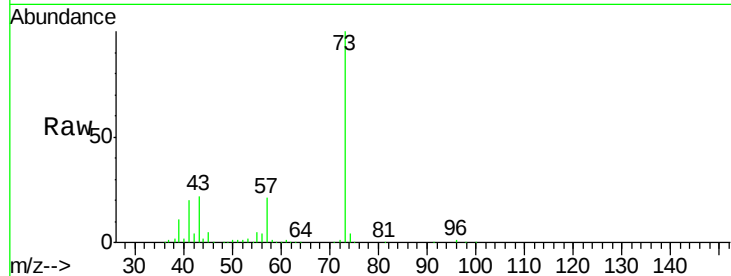




#19
Methyl tert-butyl Ether
Concen: 20.08 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

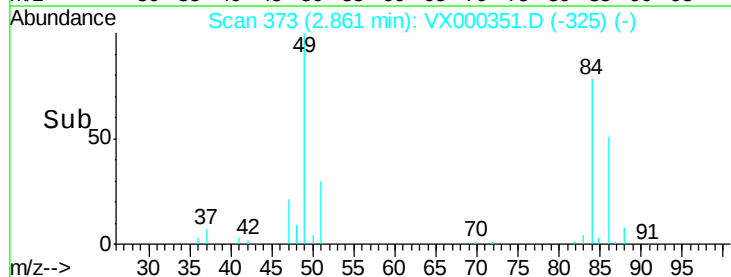
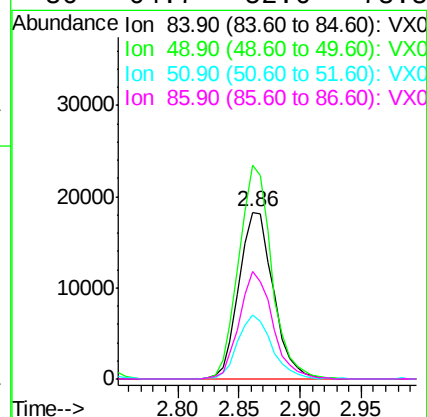
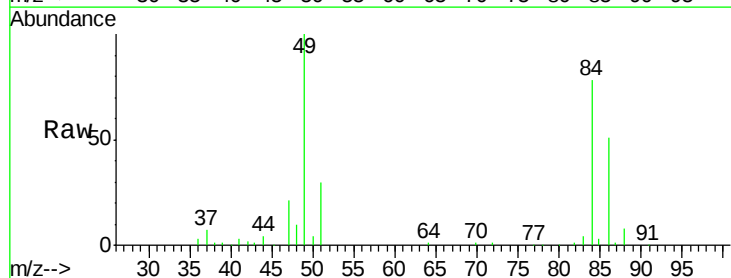
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

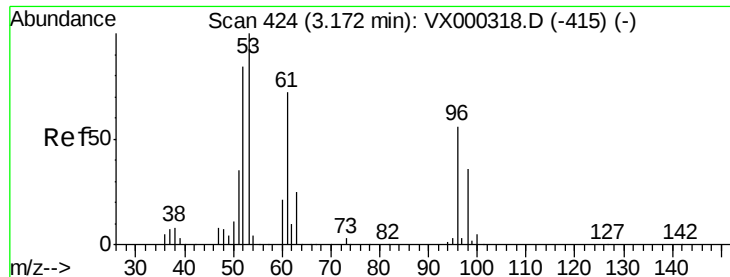
Tgt Ion: 73 Resp: 114136
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8



#20
Methylene Chloride
Concen: 20.21 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion: 84 Resp: 35752
Ion Ratio Lower Upper
84 100
49 128.0 100.6 151.0
51 38.1 31.6 47.4
86 64.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 17.59 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

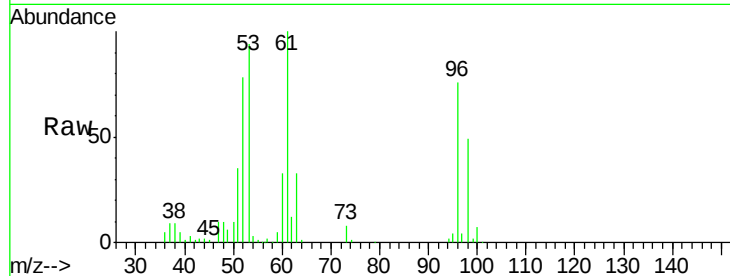
Tgt Ion: 96 Resp: 31401

Ion Ratio Lower Upper

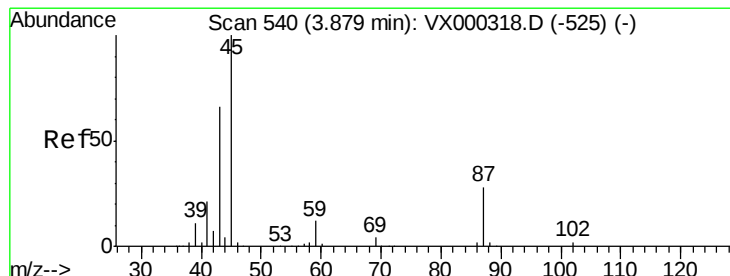
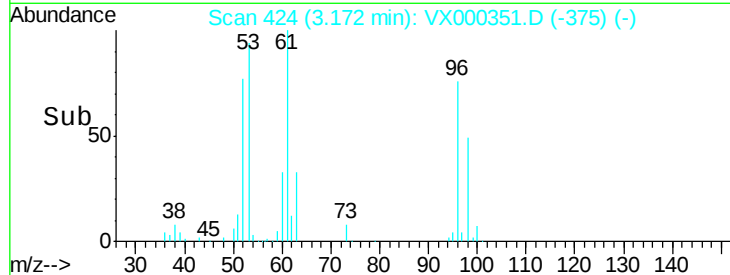
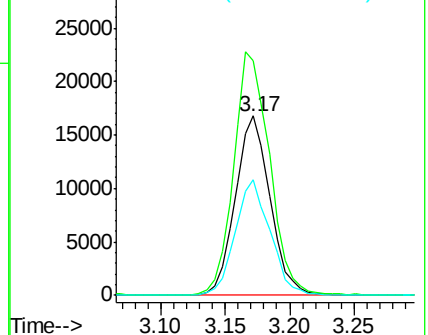
96 100

61 130.5 104.0 156.0

98 64.6 52.1 78.1



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



#22

Diisopropyl ether

Concen: 21.94 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Tgt Ion: 45 Resp: 105169

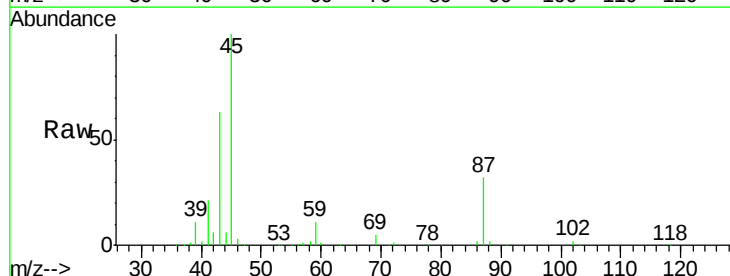
Ion Ratio Lower Upper

45 100

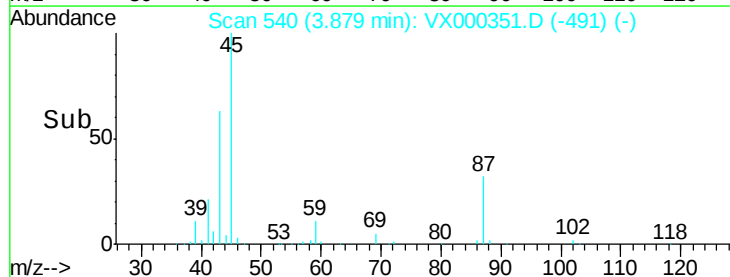
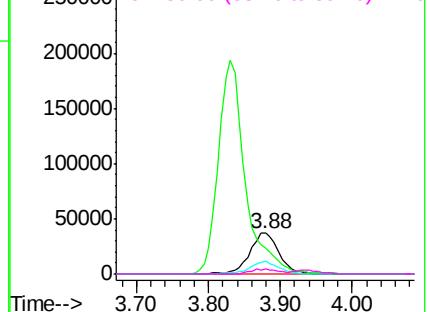
43 62.6 53.9 80.9

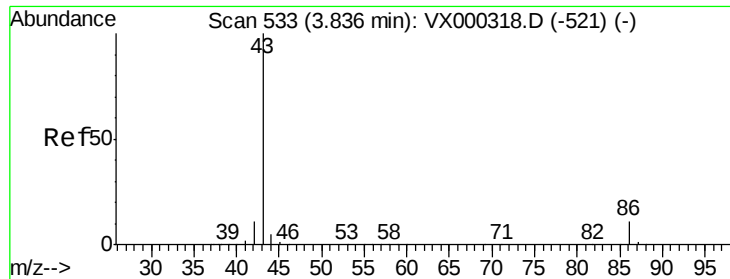
87 32.2 22.6 34.0

59 11.4 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 110.67 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

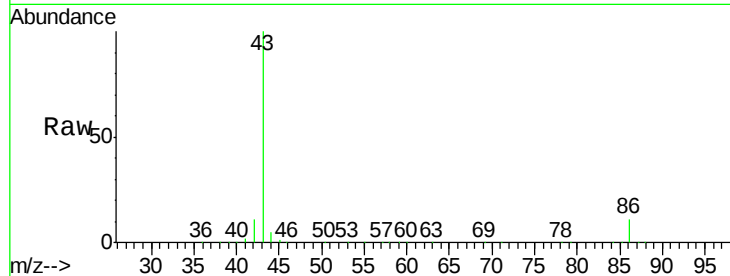
VX0316MBSD01

Tgt Ion: 43 Resp: 505544

Ion Ratio Lower Upper

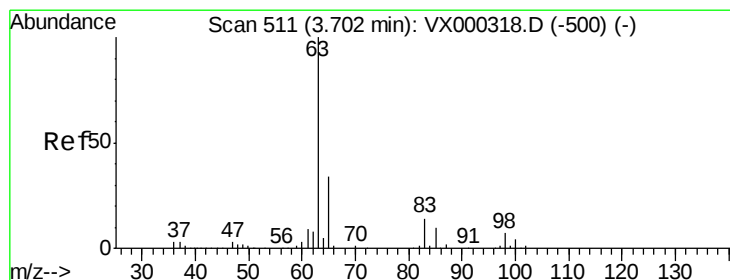
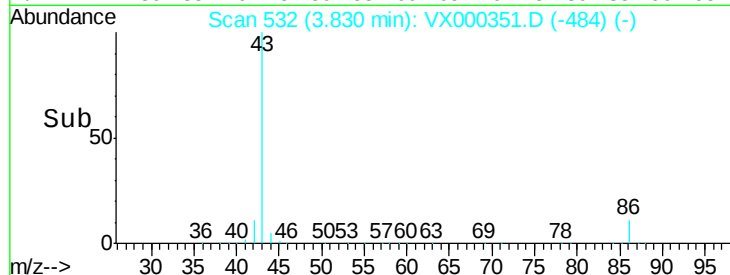
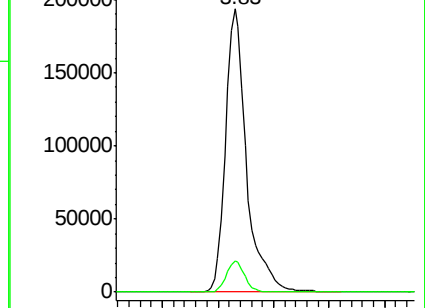
43 100

86 10.8 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.54 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

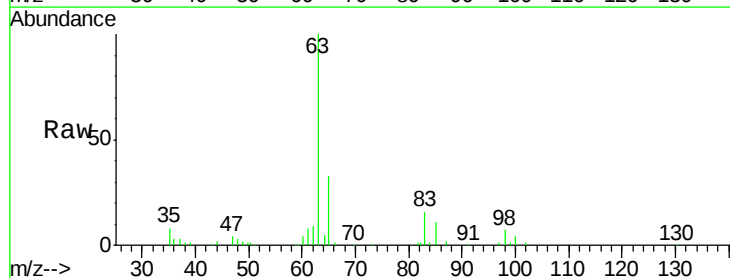
Tgt Ion: 63 Resp: 58900

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

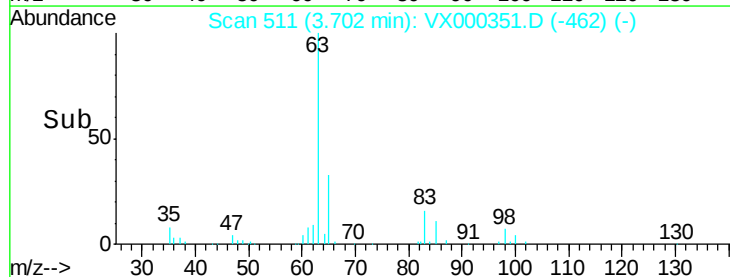
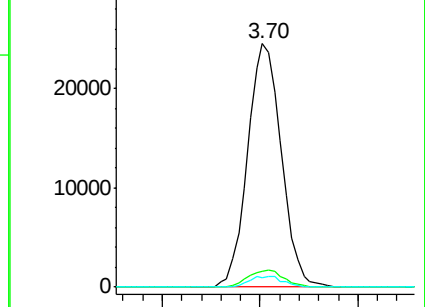
100 3.8 2.0 5.8

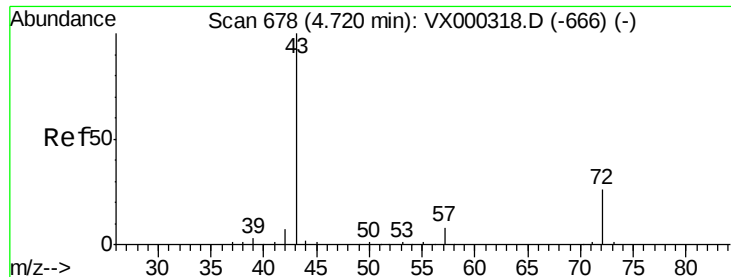


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.15 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

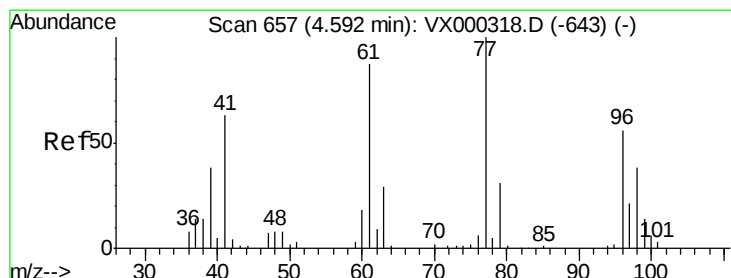
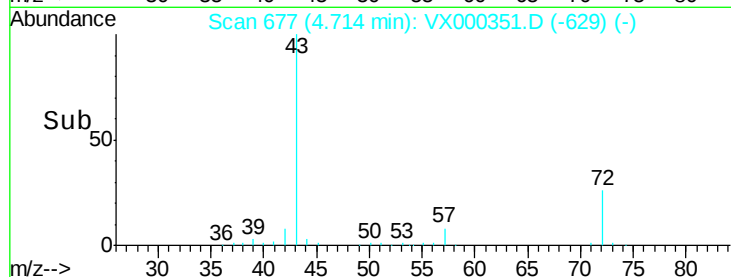
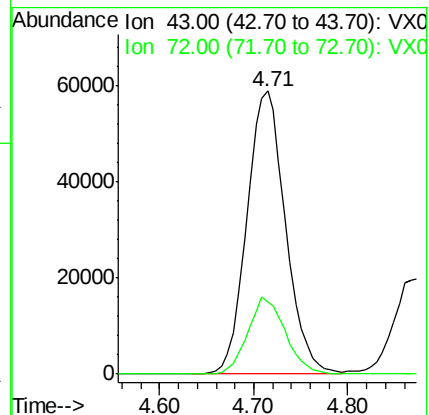
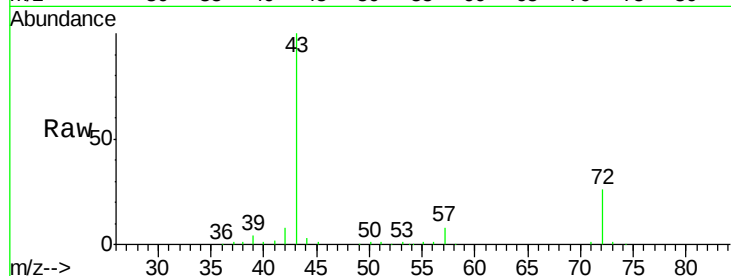
VX0316MBSD01

Tgt Ion: 43 Resp: 168470

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 19.52 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000351.D

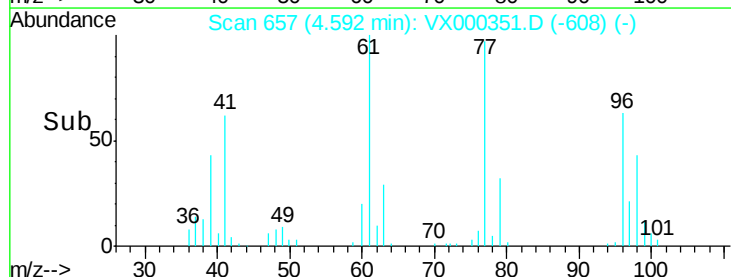
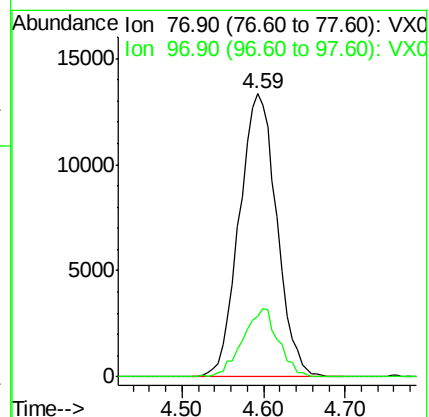
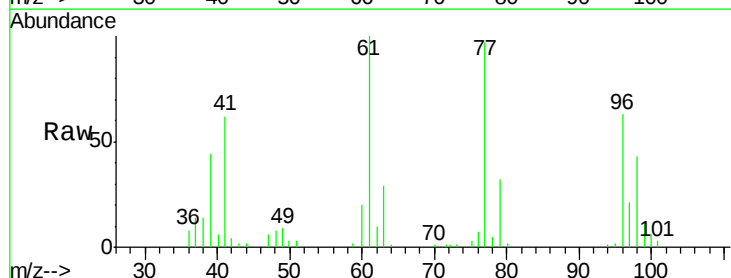
Acq: 16 Mar 2018 17:02

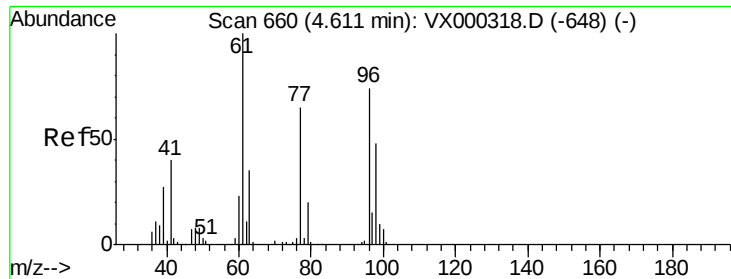
Tgt Ion: 77 Resp: 42474

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.8



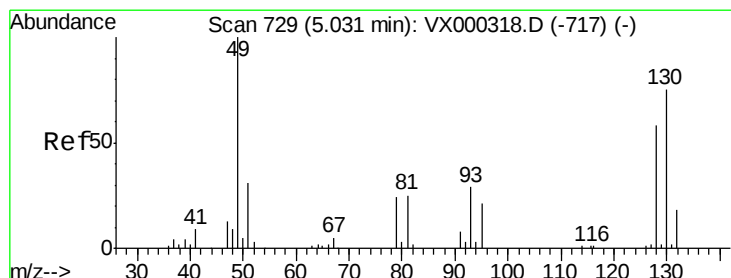
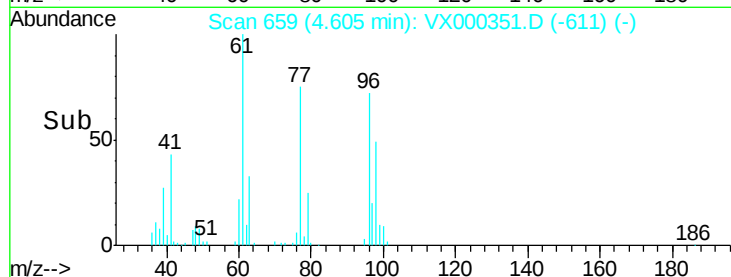
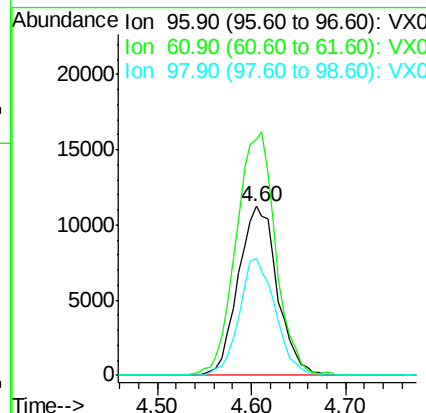
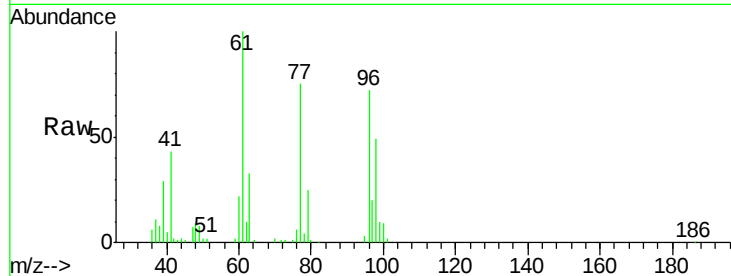


#27

cis-1,2-Dichloroethene
 Concen: 19.95 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.01 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBSD01

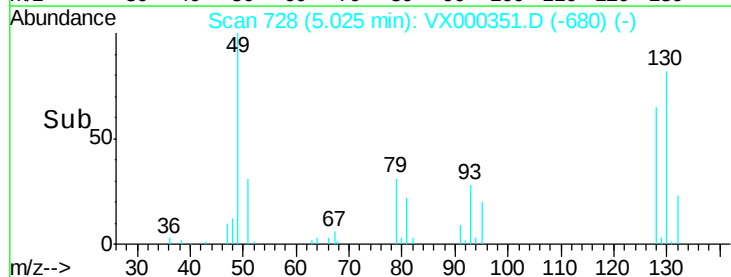
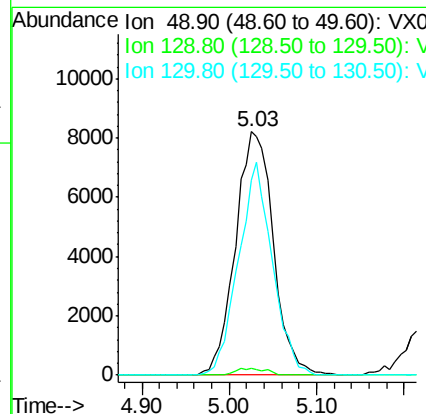
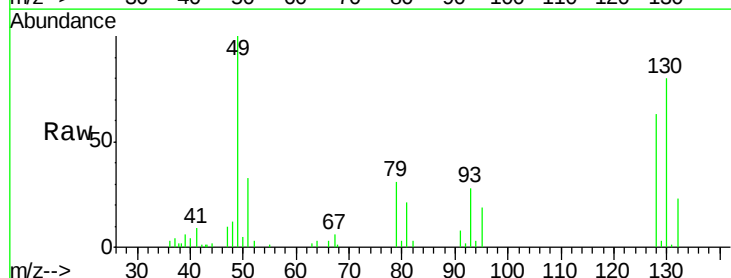
Tgt Ion: 96 Resp: 32528
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 291.6
 98 64.1 0.0 132.0

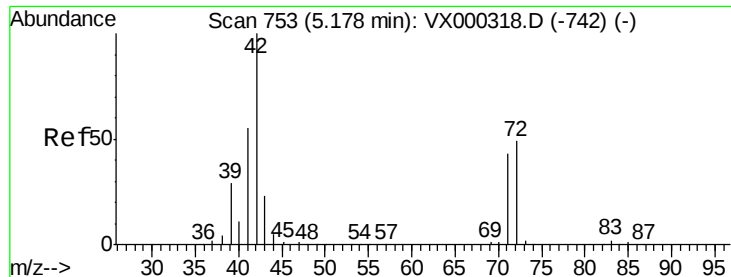


#28

Bromochloromethane
 Concen: 19.51 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion: 49 Resp: 24728
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.0
 130 78.2 64.0 96.0

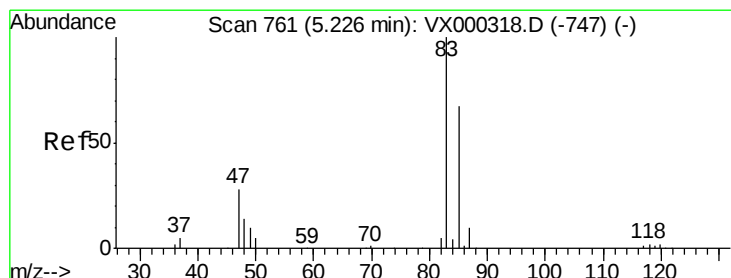
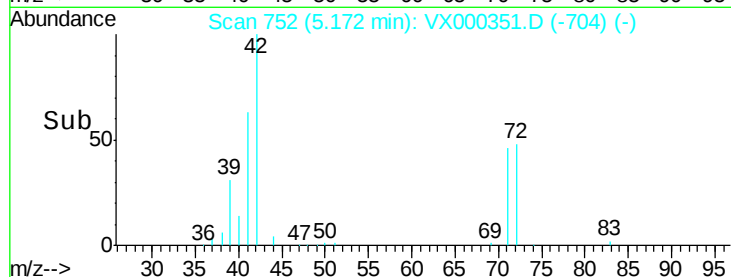
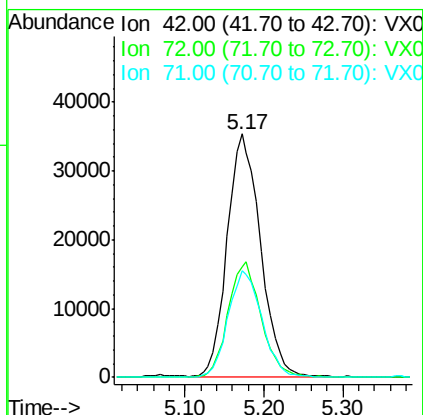
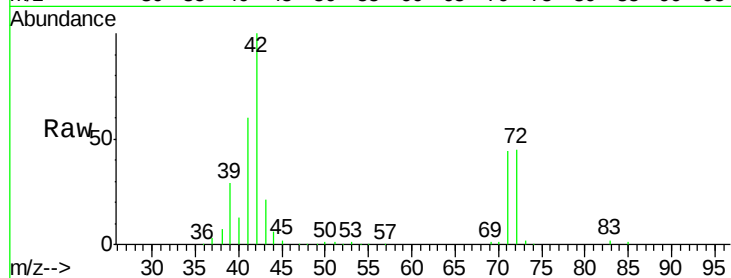




#29
Tetrahydrofuran
Concen: 98.67 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

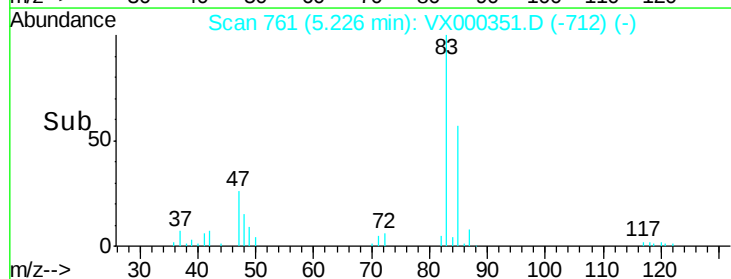
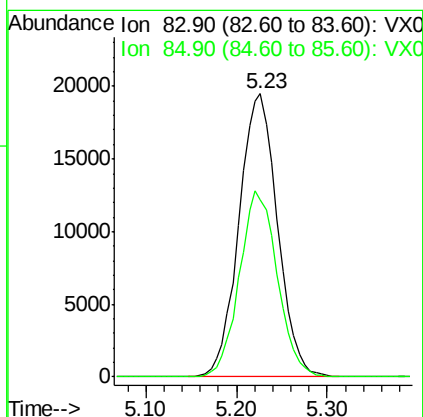
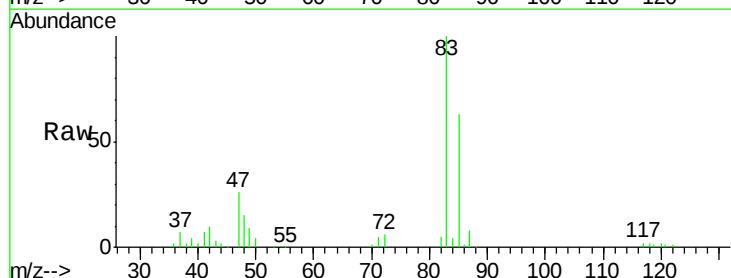
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

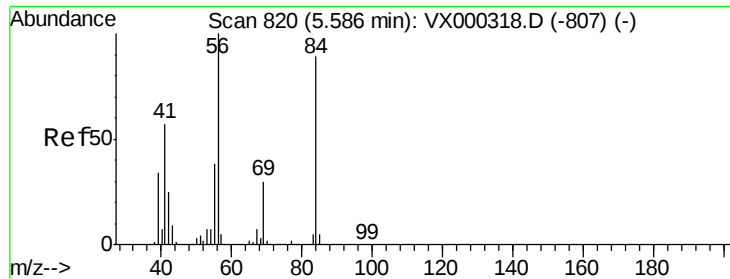
Tgt Ion: 42 Resp: 103716
Ion Ratio Lower Upper
42 100
72 47.0 37.9 56.9
71 44.2 34.4 51.6



#30
Chloroform
Concen: 20.13 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion: 83 Resp: 57296
Ion Ratio Lower Upper
83 100
85 62.5 53.3 79.9

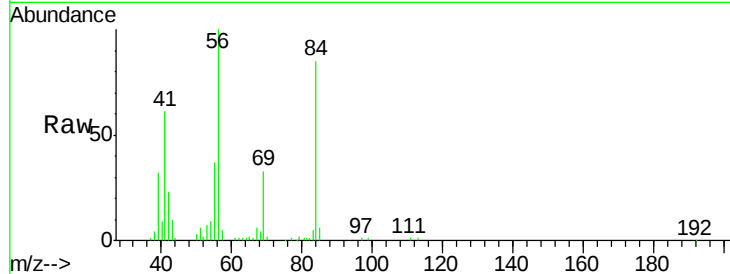




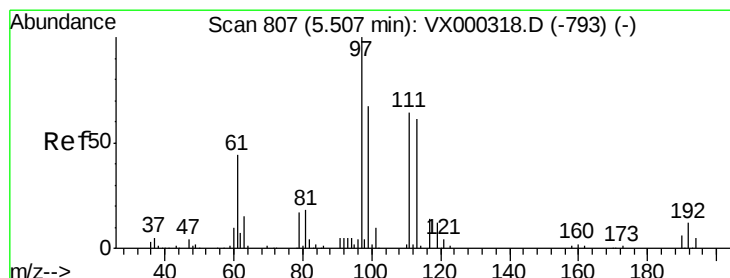
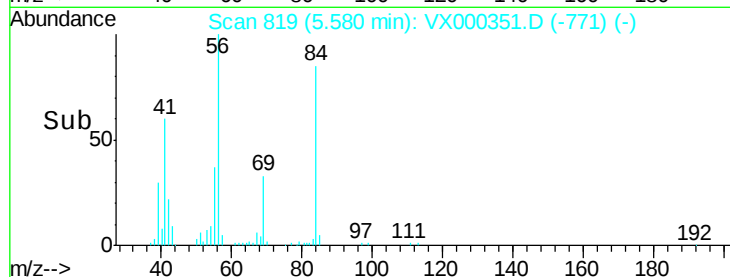
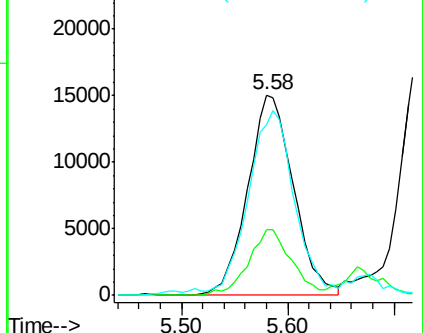
#31
Cyclohexane
Concen: 19.51 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Tgt Ion: 56 Resp: 45139
Ion Ratio Lower Upper
56 100
69 32.8 23.4 35.0
84 83.0 71.0 106.4

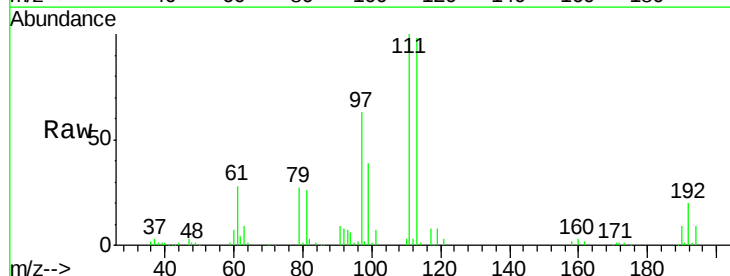


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

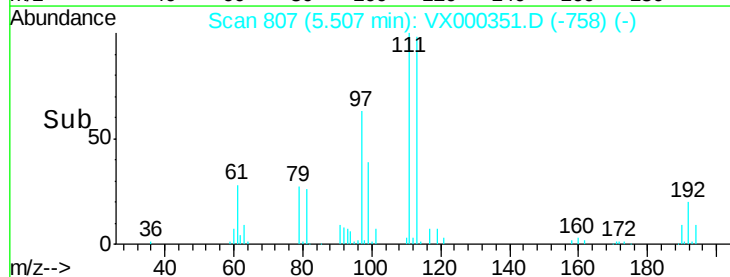
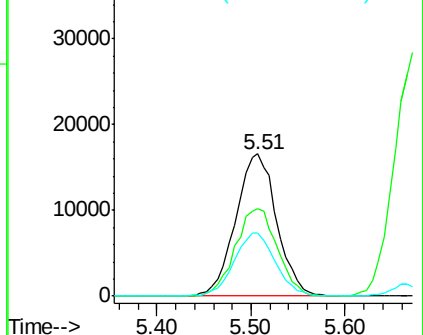


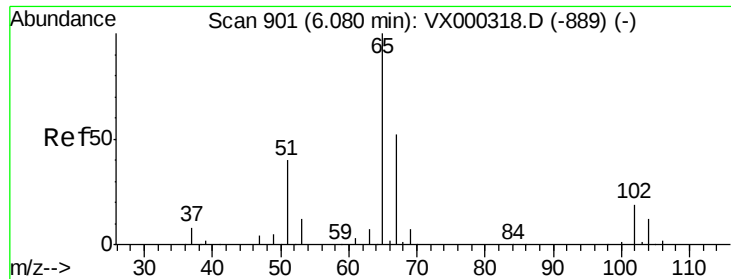
#32
1,1,1-Trichloroethane
Concen: 20.04 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion: 97 Resp: 50421
Ion Ratio Lower Upper
97 100
99 63.0 52.1 78.1
61 45.0 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.38 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

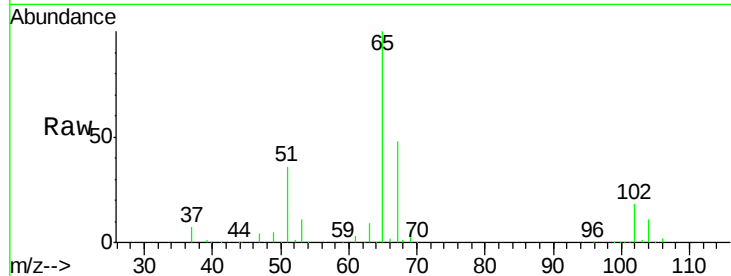
VX0316MBSD01

Tgt Ion: 65 Resp: 94916

Ion Ratio Lower Upper

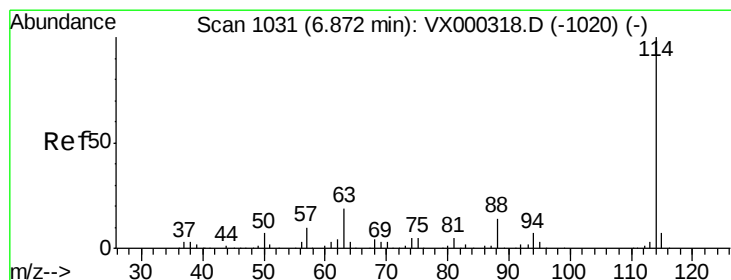
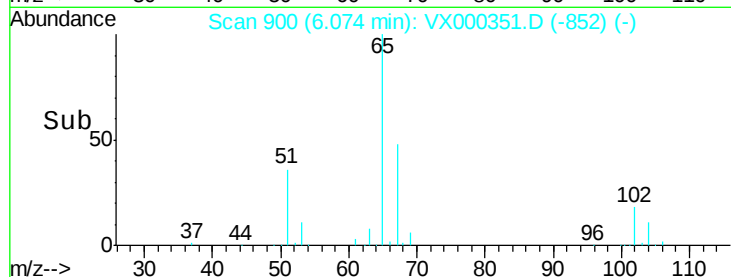
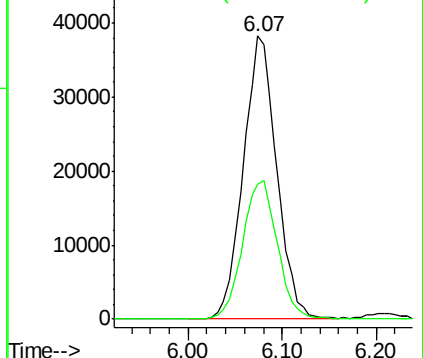
65 100

67 50.9 0.0 103.2



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# 1030

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

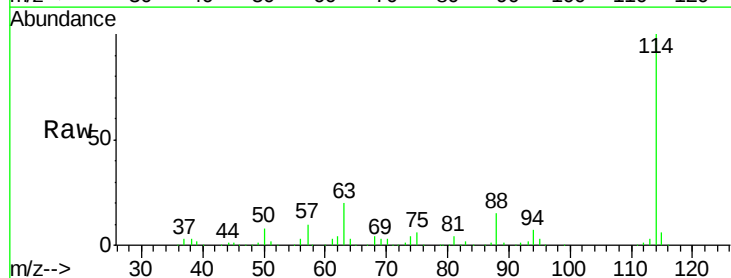
Tgt Ion: 114 Resp: 239283

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

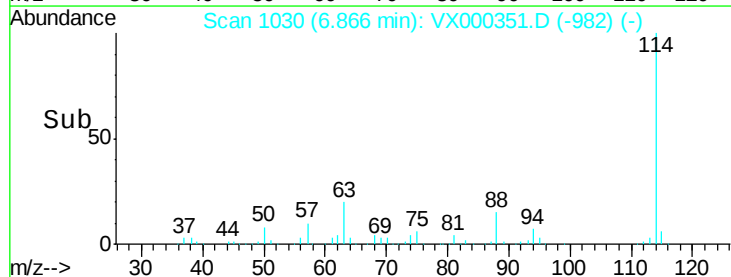
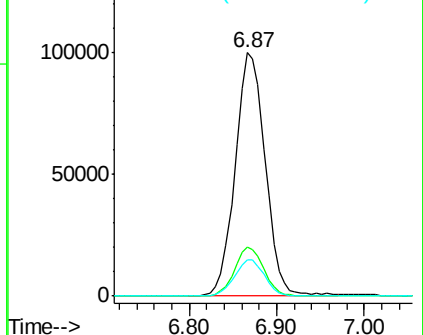
88 14.6 0.0 27.0

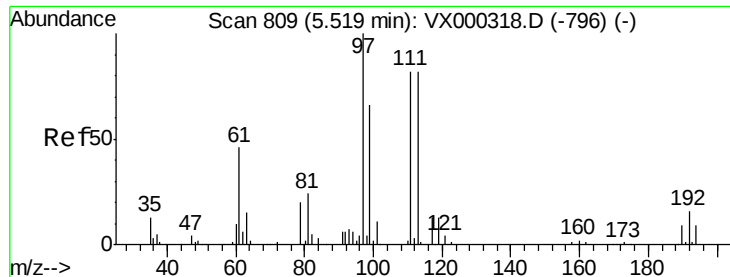


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.73 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

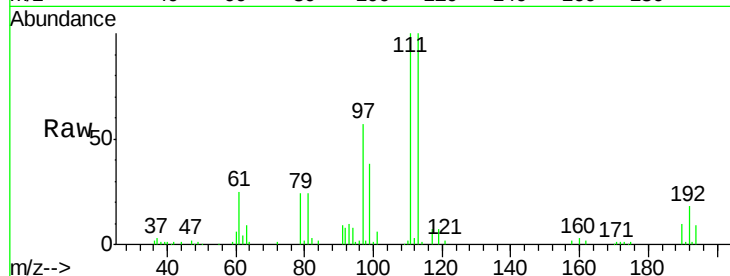
Tgt Ion:113 Resp: 73564

Ion Ratio Lower Upper

113 100

111 100.7 82.4 123.6

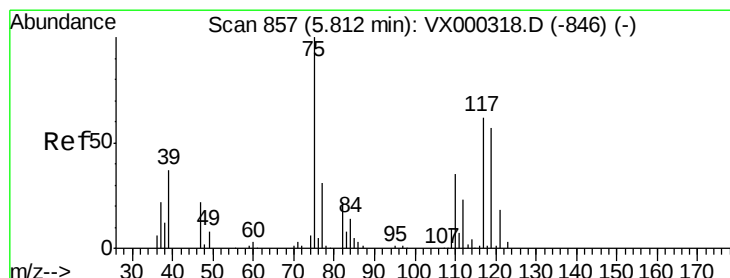
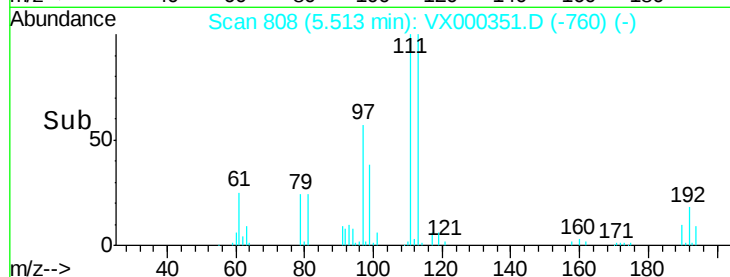
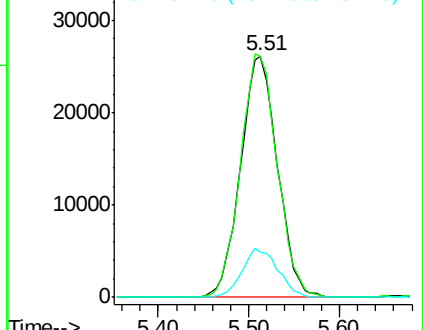
192 19.6 15.8 23.6



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: 19.70 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

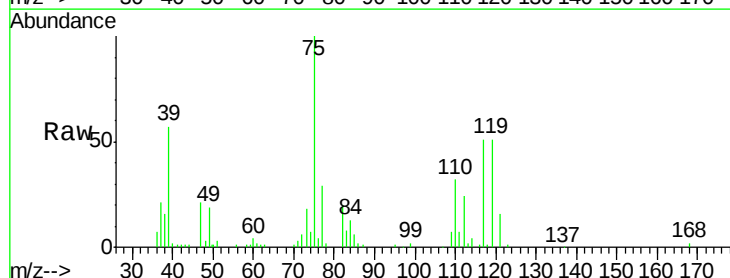
Tgt Ion: 75 Resp: 42831

Ion Ratio Lower Upper

75 100

110 34.0 17.9 53.7

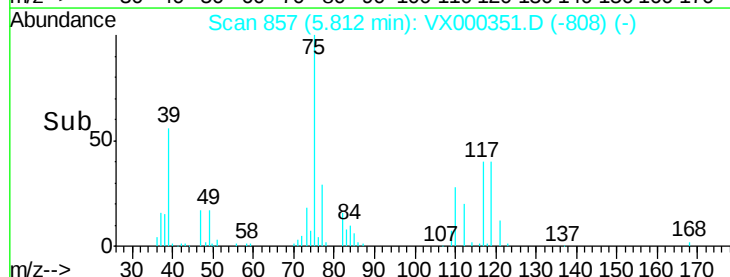
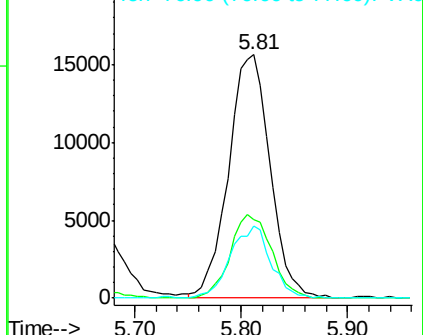
77 28.8 24.0 36.0

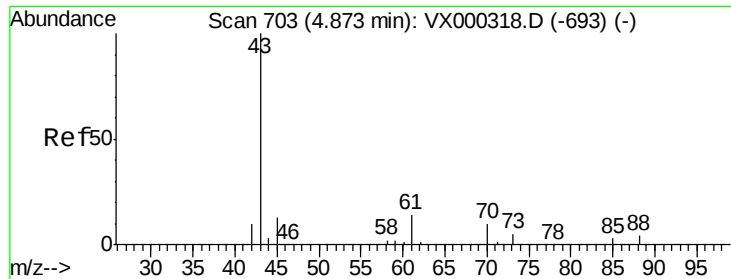


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

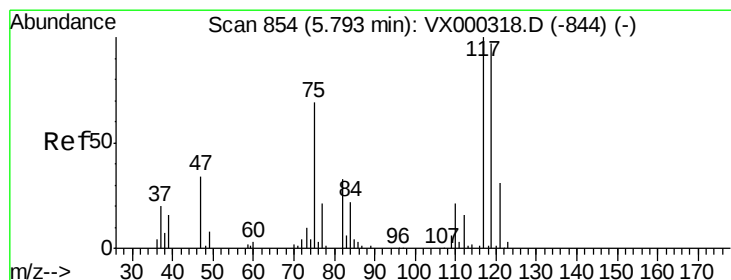
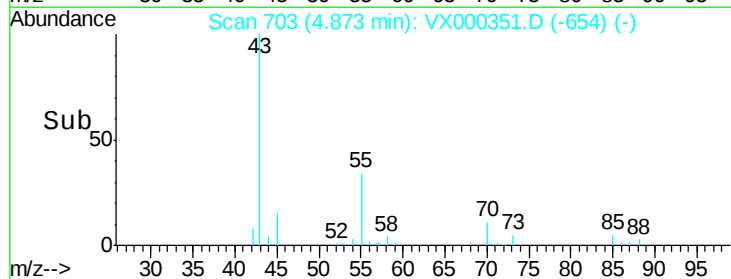
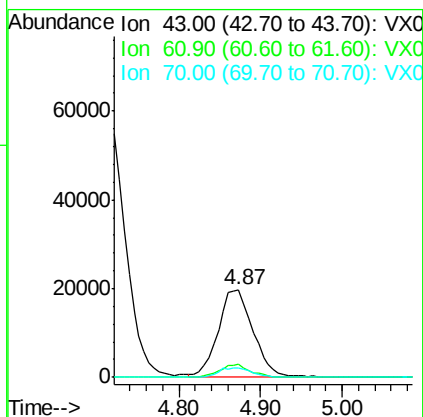
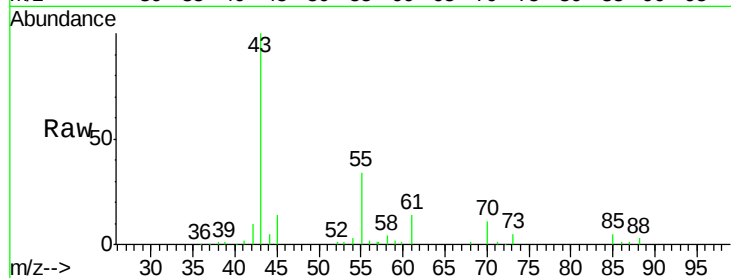




#37
Ethyl Acetate
Concen: 20.05 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

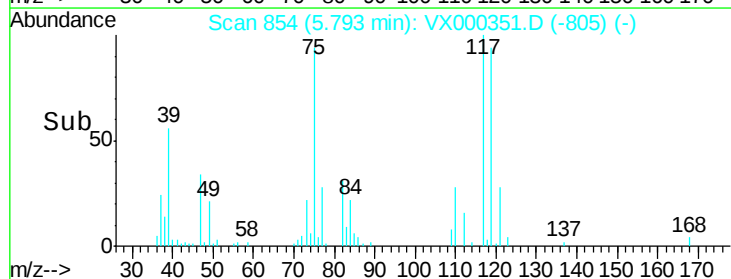
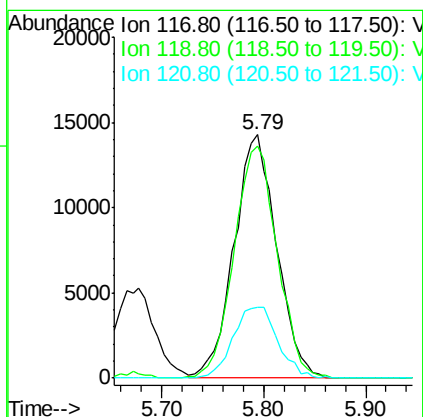
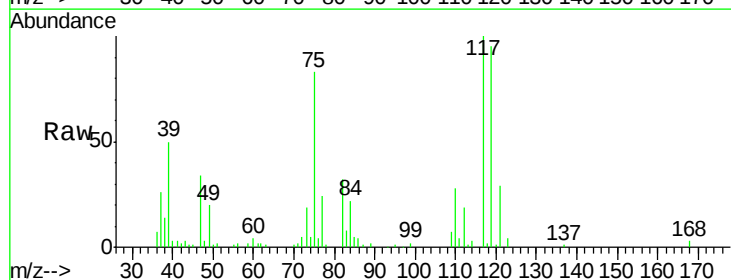
Instrument :
MSVOA_X
ClientSampled :
VX0316MBSD01

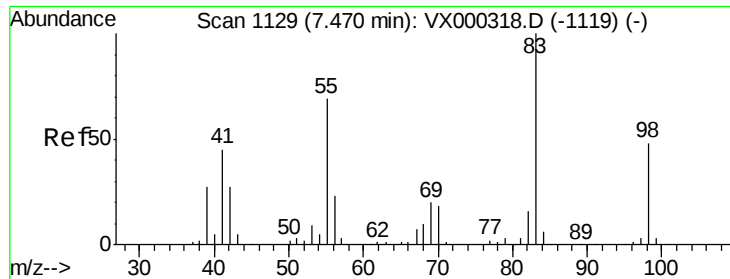
Tgt Ion: 43 Resp: 57939
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 10.8 7.7 11.5



#38
Carbon Tetrachloride
Concen: 18.95 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion: 117 Resp: 41539
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.2
121 29.2 24.8 37.2

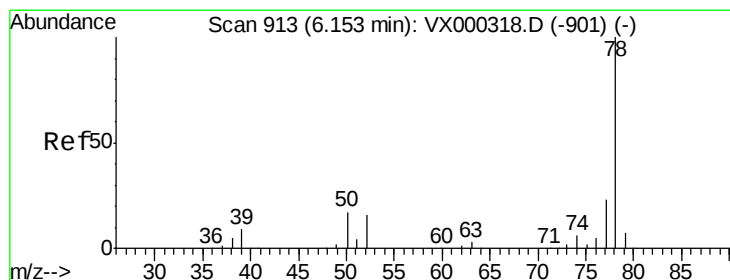
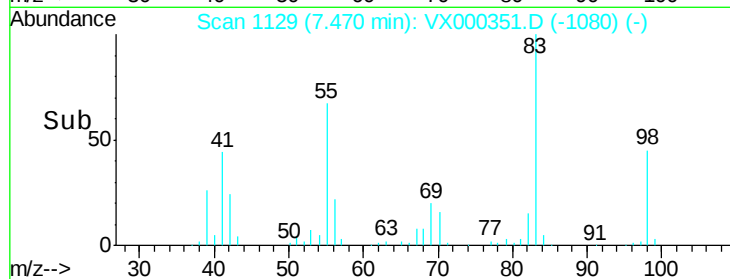
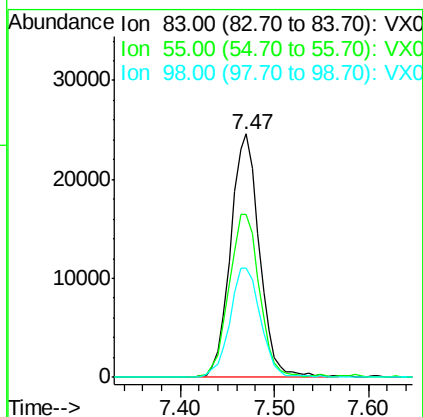
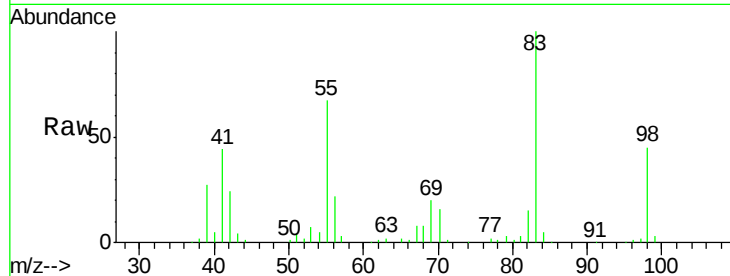




#39
Methylcyclohexane
Concen: 20.69 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

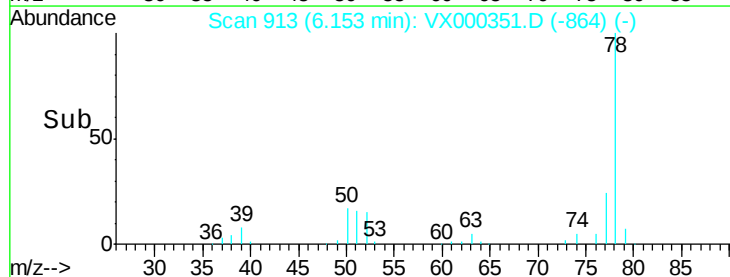
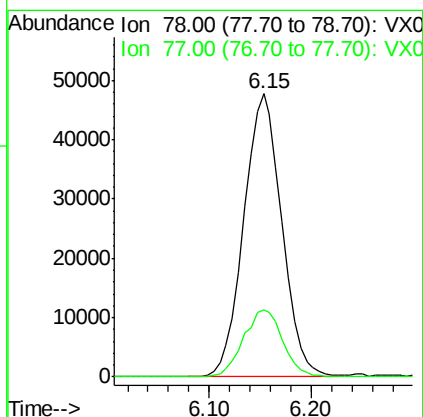
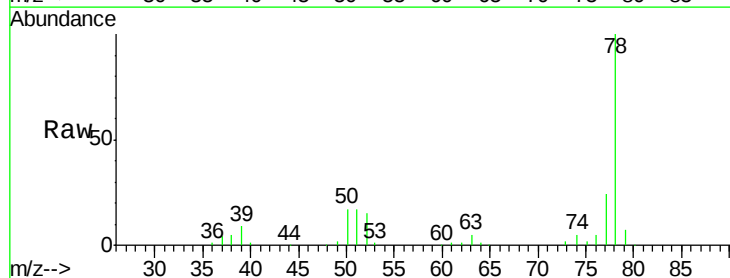
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

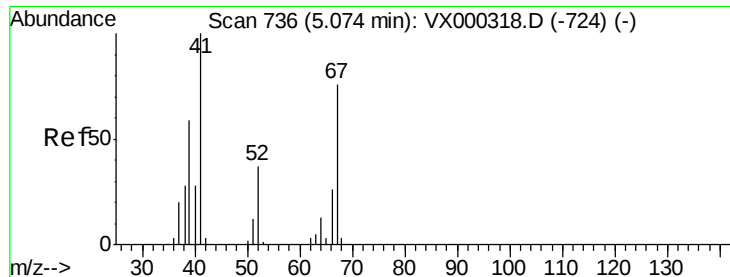
Tgt Ion: 83 Resp: 52465
Ion Ratio Lower Upper
83 100
55 67.0 55.5 83.3
98 44.7 38.2 57.4



#40
Benzene
Concen: 20.07 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion: 78 Resp: 123789
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1





#41

Methacrylonitrile

Concen: 20.44 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

Tgt Ion: 41 Resp: 31011

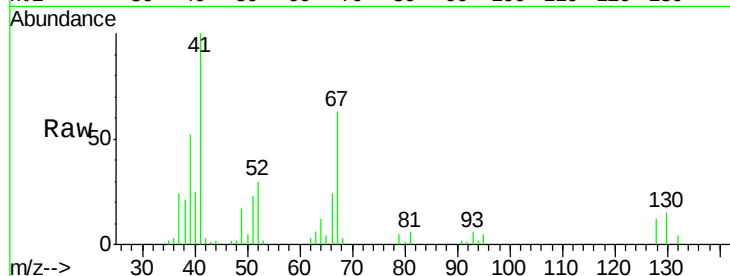
Ion Ratio Lower Upper

41 100

39 54.6 45.7 68.5

67 71.4 57.8 86.8

52 32.1 26.7 40.1

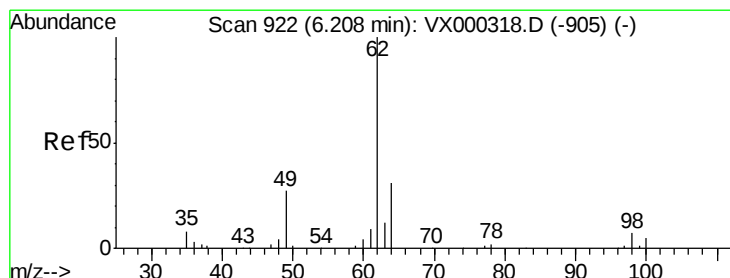
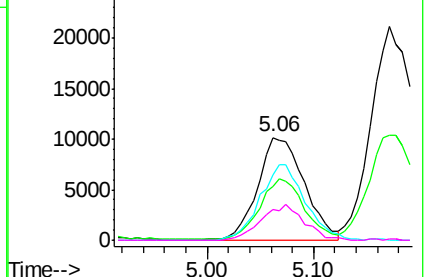
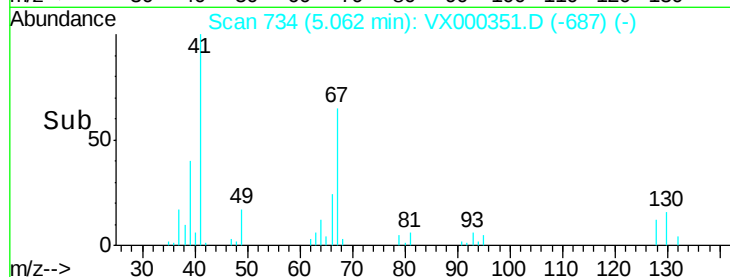


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.72 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX000351.D

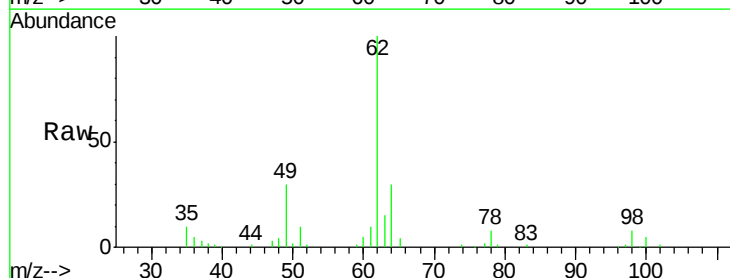
Acq: 16 Mar 2018 17:02

Tgt Ion: 62 Resp: 50667

Ion Ratio Lower Upper

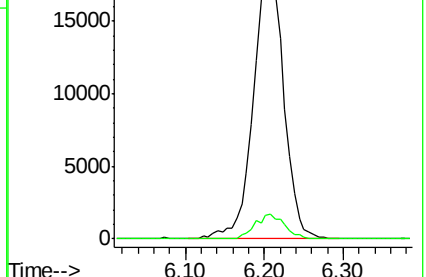
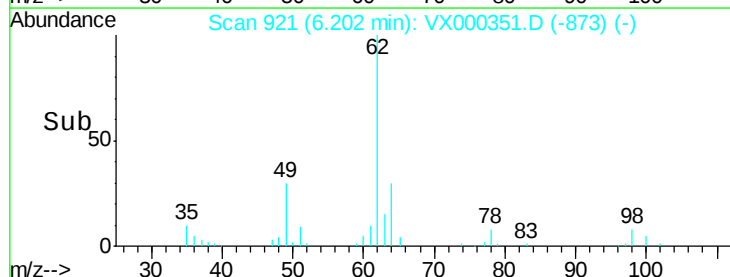
62 100

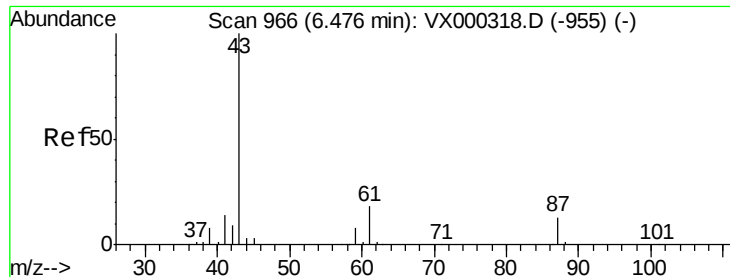
98 8.5 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.15 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

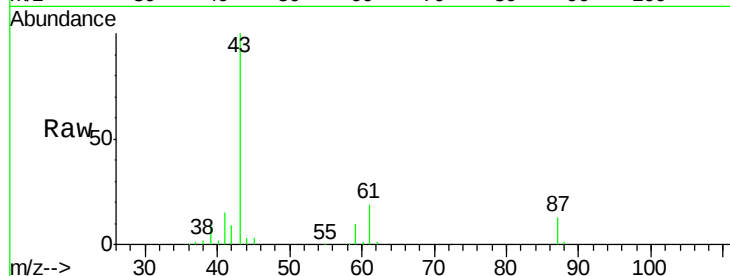
Tgt Ion: 43 Resp: 88213

Ion Ratio Lower Upper

43 100

61 19.0 14.4 21.6

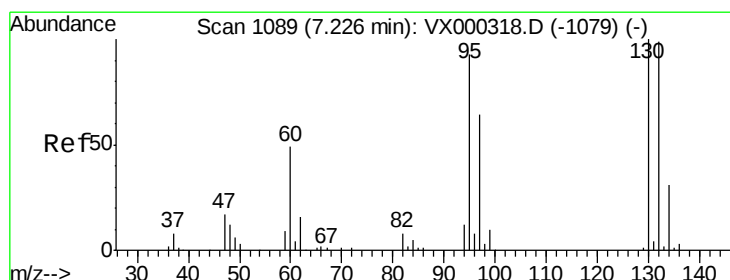
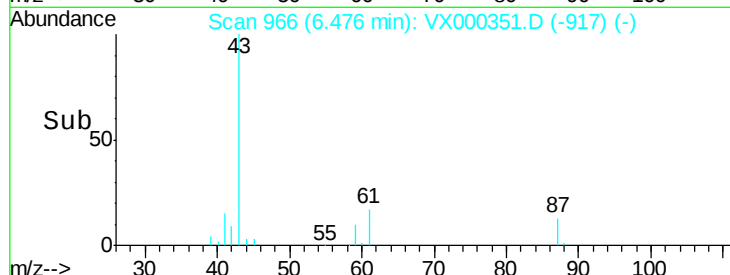
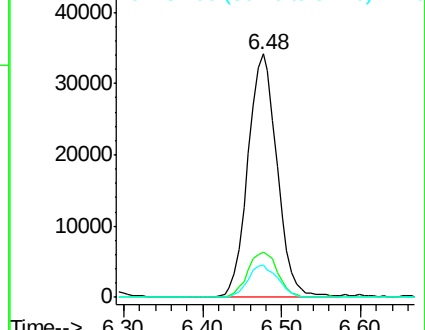
87 13.2 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.91 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000351.D

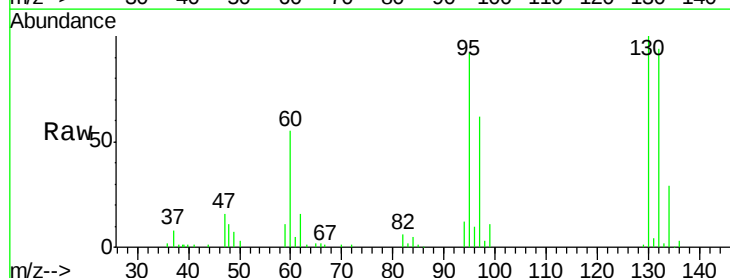
Acq: 16 Mar 2018 17:02

Tgt Ion: 130 Resp: 35577

Ion Ratio Lower Upper

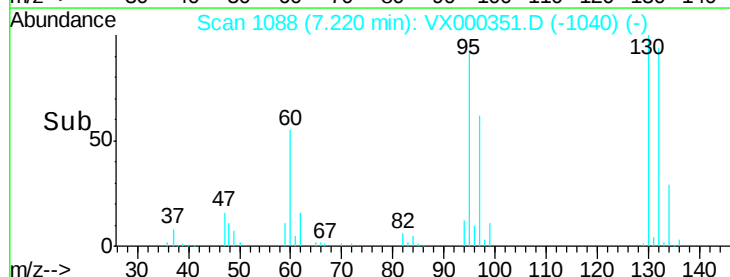
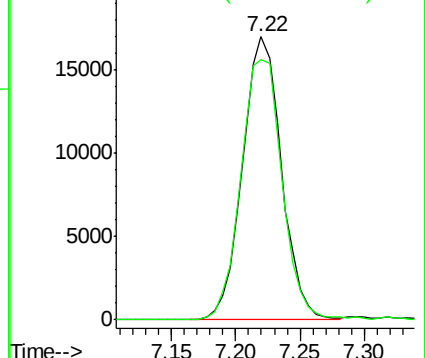
130 100

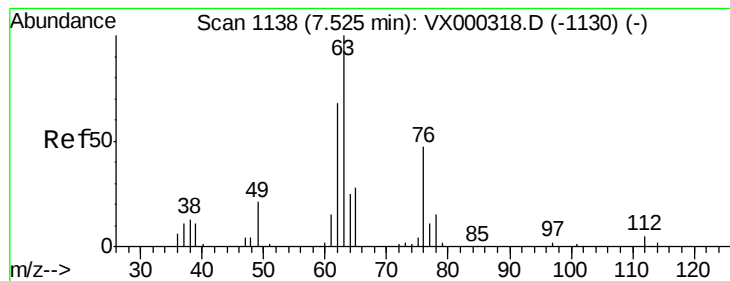
95 91.9 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.14 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

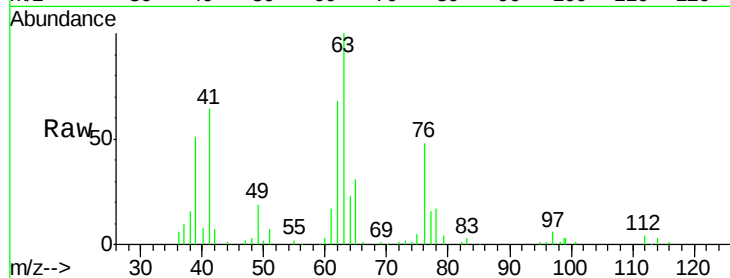
VX0316MBS01

Tgt Ion: 63 Resp: 32161

Ion Ratio Lower Upper

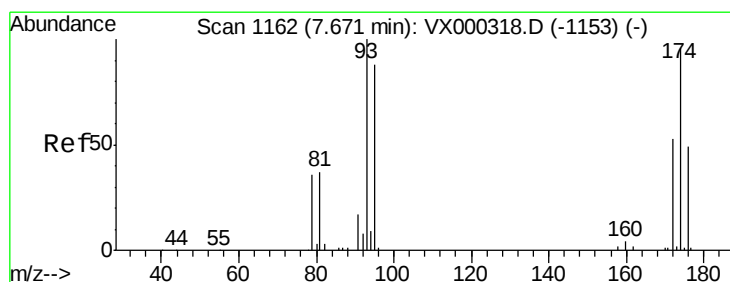
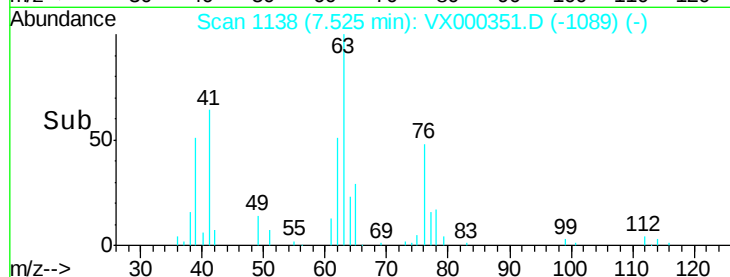
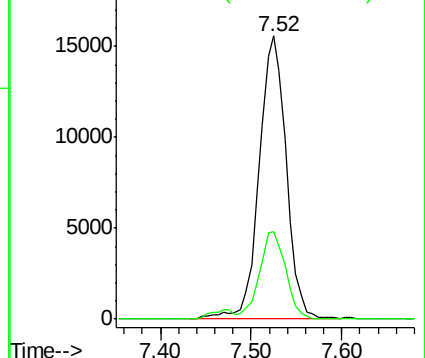
63 100

65 30.9 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.22 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

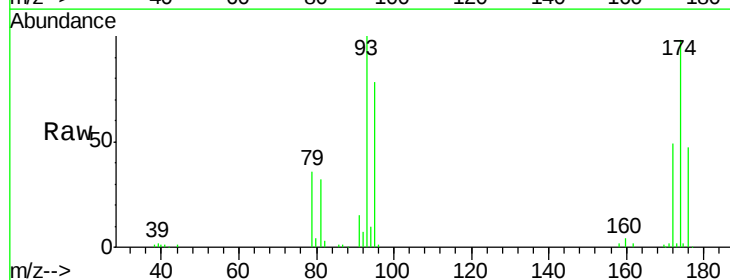
Tgt Ion: 93 Resp: 24715

Ion Ratio Lower Upper

93 100

95 83.2 66.5 99.7

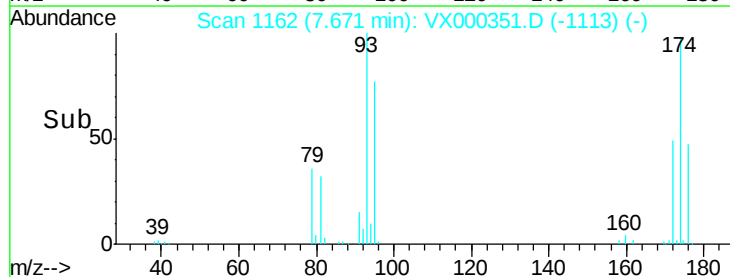
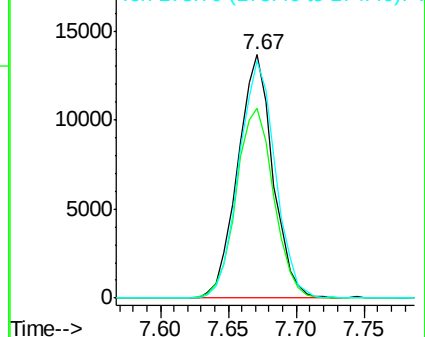
174 100.7 76.0 114.0

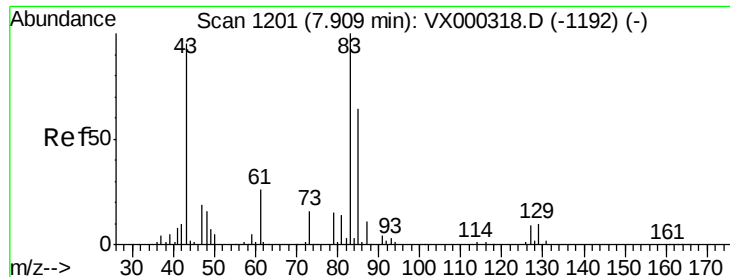


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.28 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

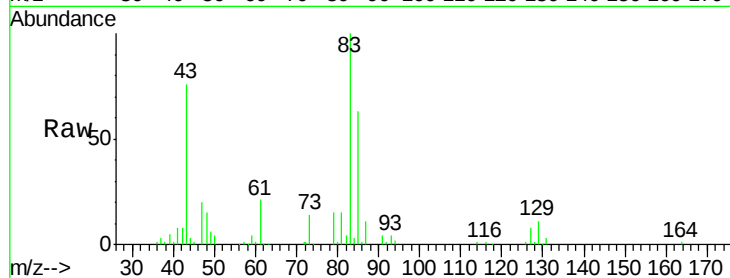
Tgt Ion: 83 Resp: 43995

Ion Ratio Lower Upper

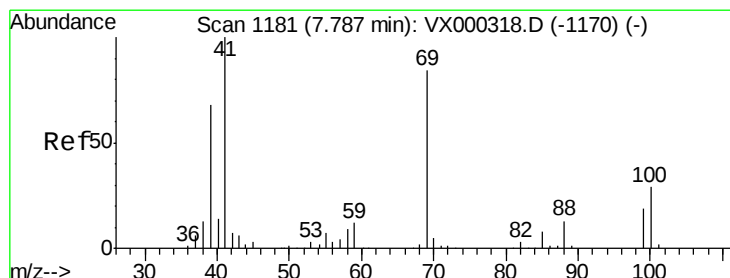
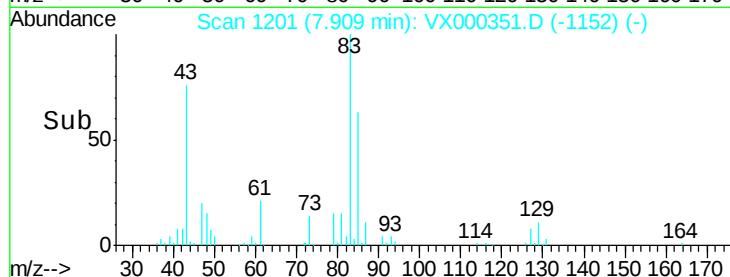
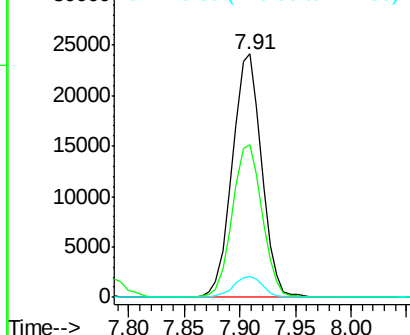
83 100

85 62.9 51.4 77.0

127 8.4 7.0 10.6



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



#48

Methyl methacrylate

Concen: 20.09 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

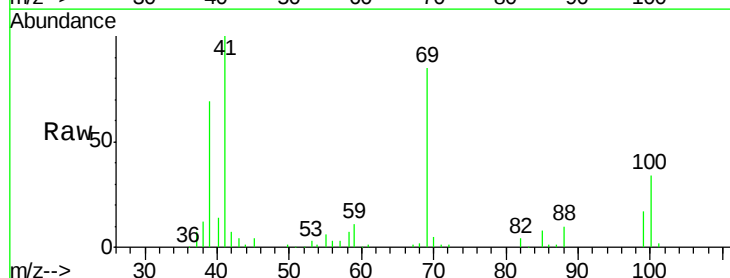
Tgt Ion: 41 Resp: 42362

Ion Ratio Lower Upper

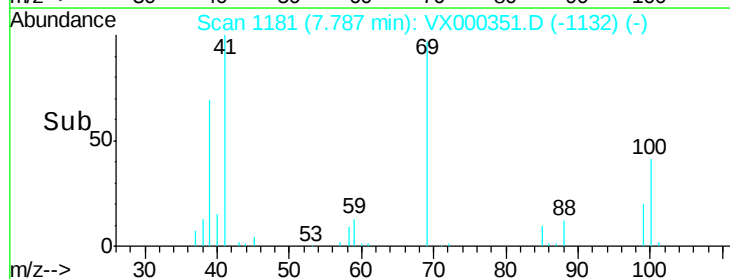
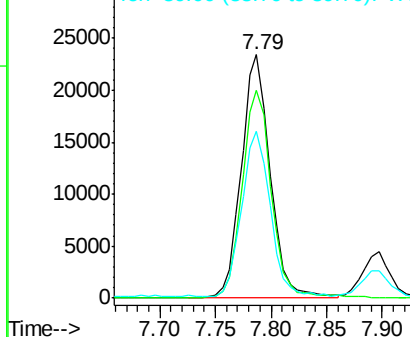
41 100

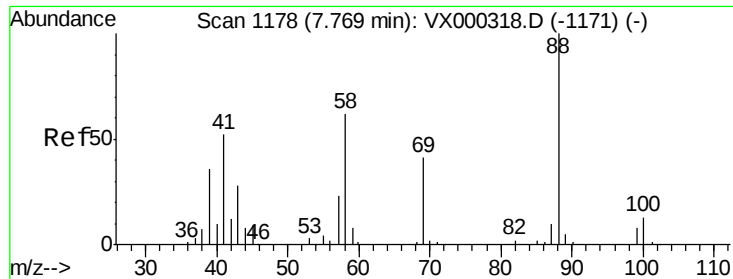
69 86.4 68.2 102.4

39 67.1 54.6 81.8



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

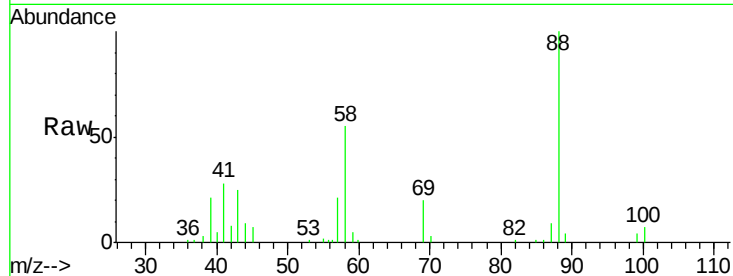




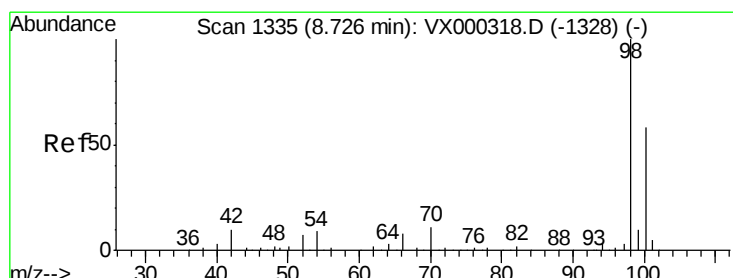
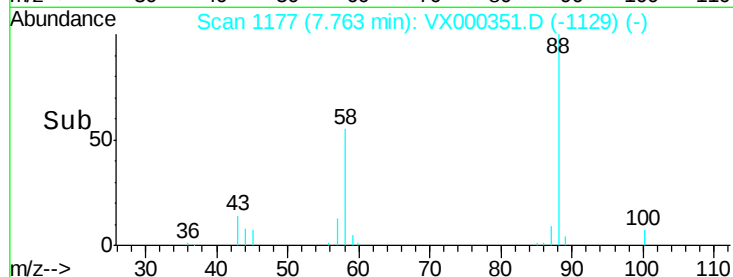
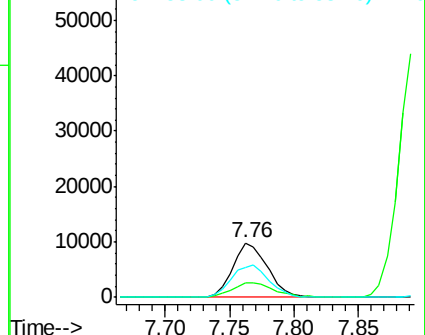
#49
1,4-Dioxane
Concen: 389.62 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Tgt Ion: 88 Resp: 18485
Ion Ratio Lower Upper
88 100
43 32.1 26.8 40.2
58 63.7 52.2 78.2

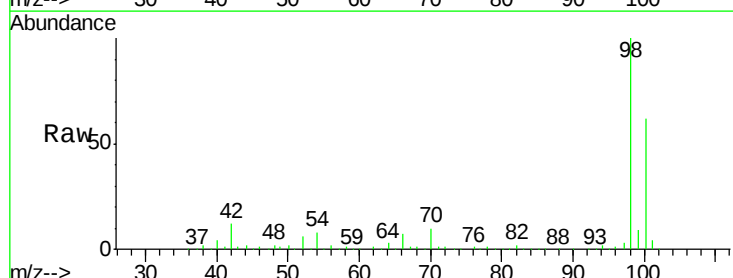


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

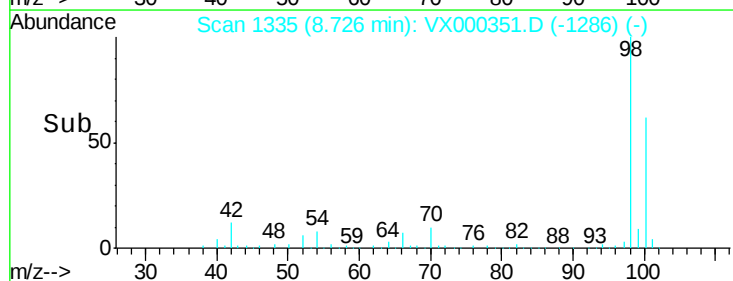
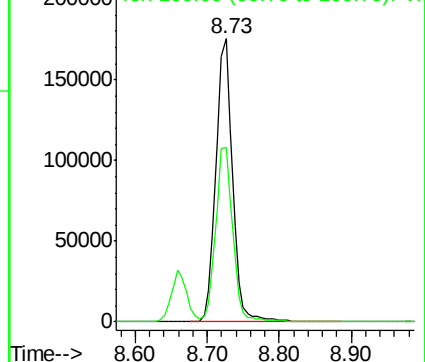


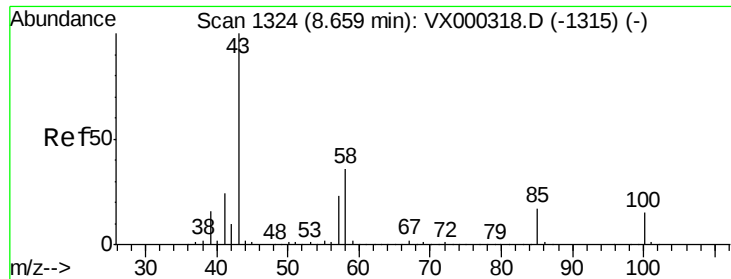
#50
Toluene-d8
Concen: 44.51 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion: 98 Resp: 280300
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 101.74 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

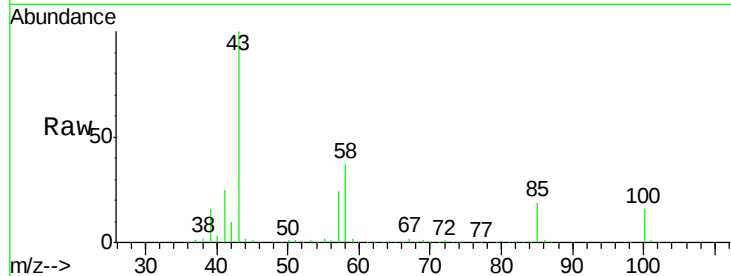
VX0316MBSD01

Tgt Ion: 43 Resp: 329520

Ion Ratio Lower Upper

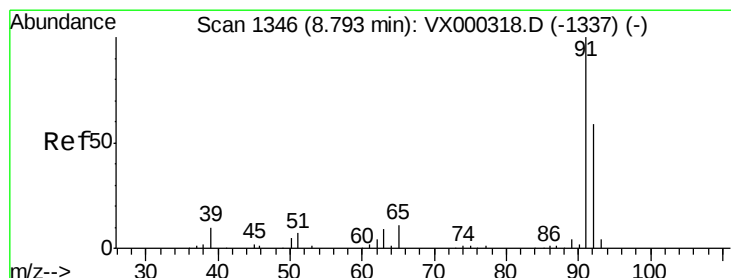
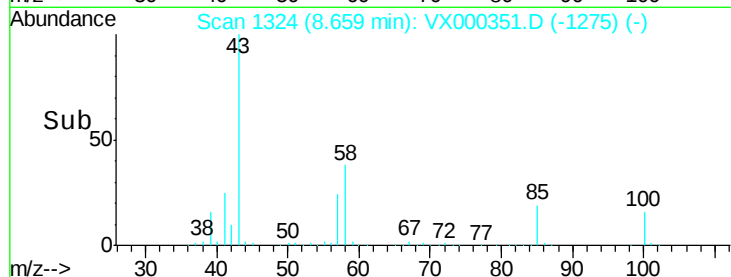
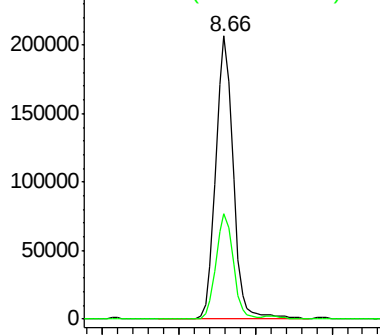
43 100

58 36.8 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.34 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000351.D

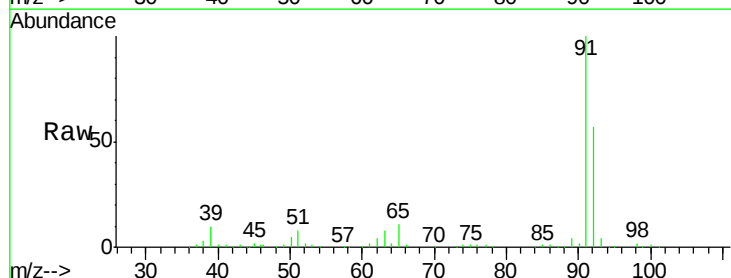
Acq: 16 Mar 2018 17:02

Tgt Ion: 92 Resp: 83781

Ion Ratio Lower Upper

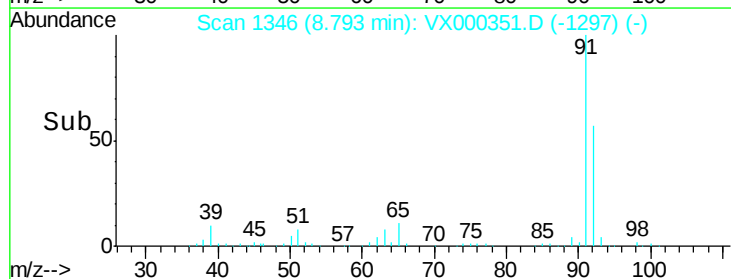
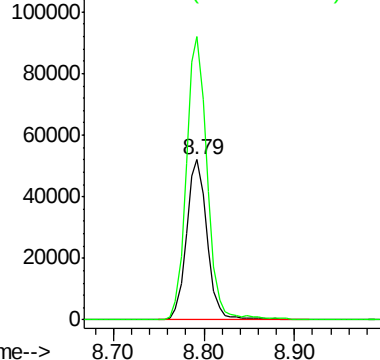
92 100

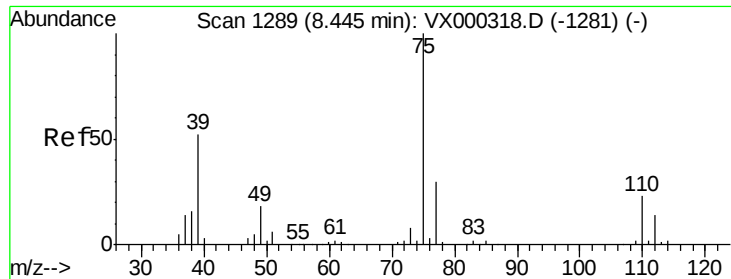
91 177.2 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

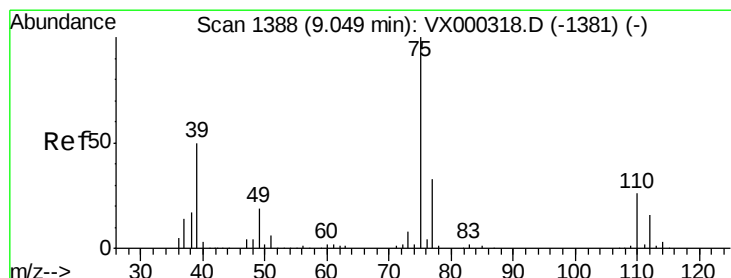
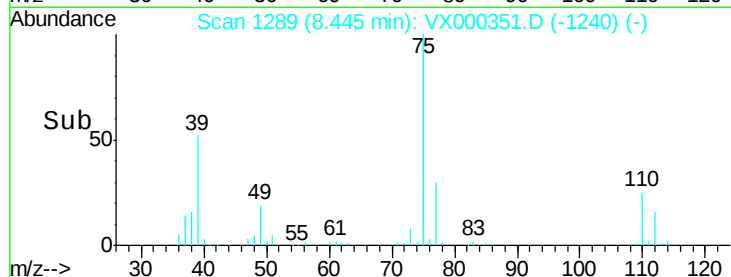
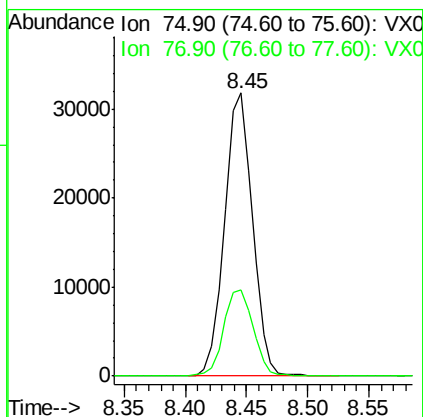
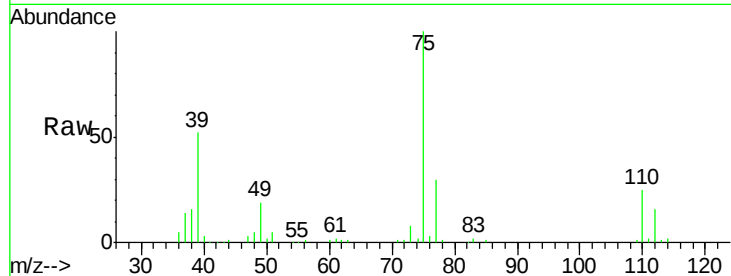




#53
 t-1,3-Dichloropropene
 Concen: 20.09 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

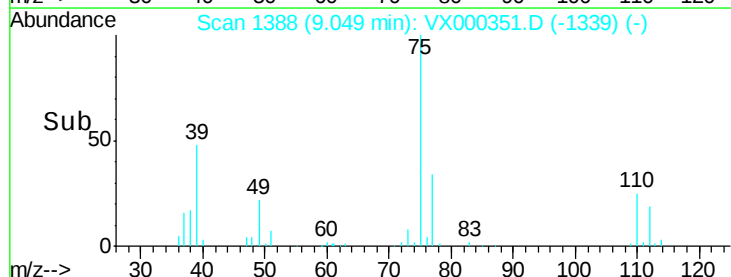
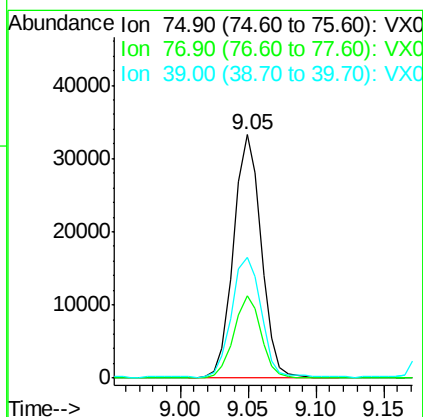
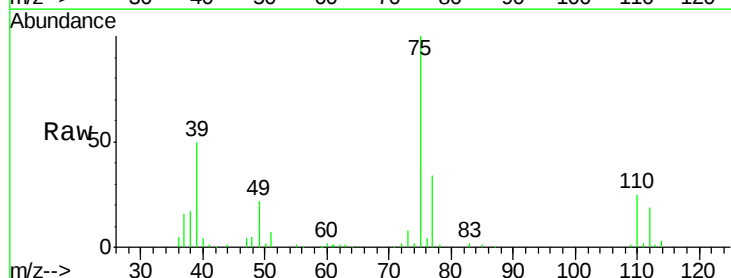
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

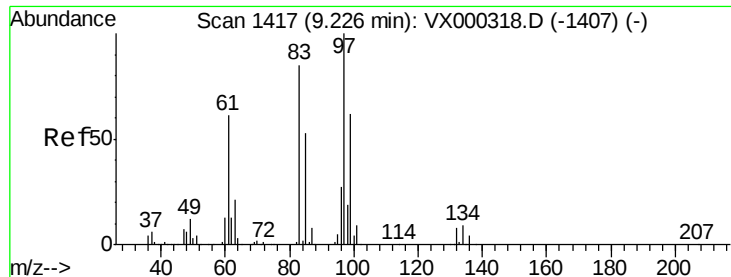
Tgt Ion: 75 Resp: 50293
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.27 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion: 75 Resp: 47173
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.1 39.1
 39 49.1 39.8 59.6

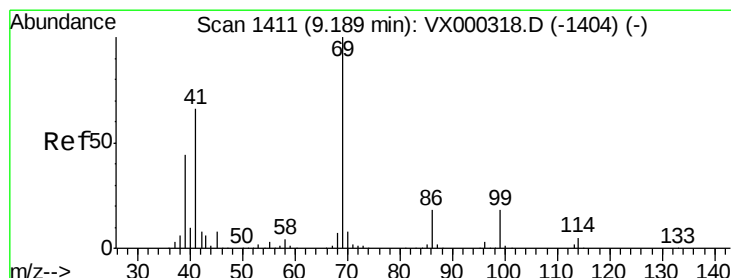
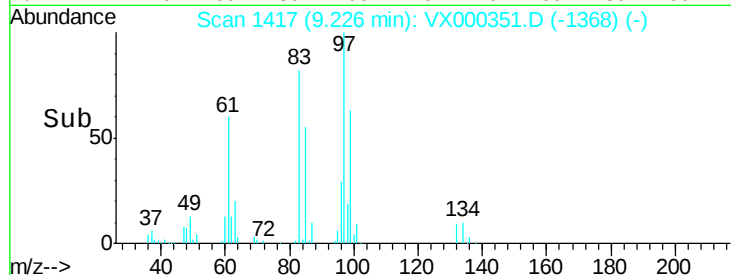
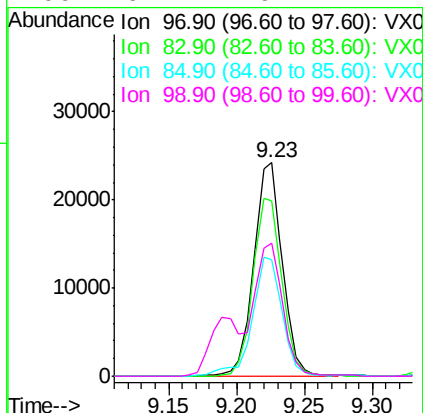
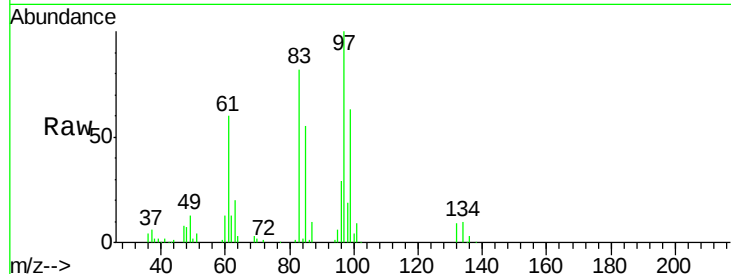




#55
 1,1,2-Trichloroethane
 Concen: 20.61 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

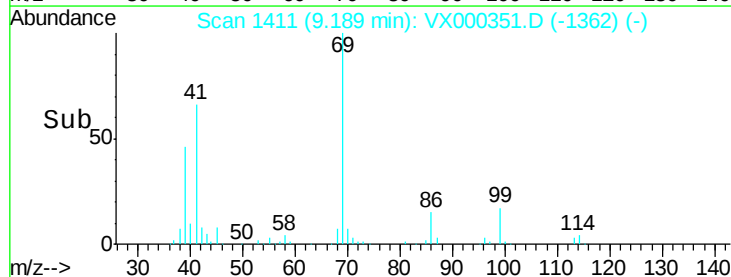
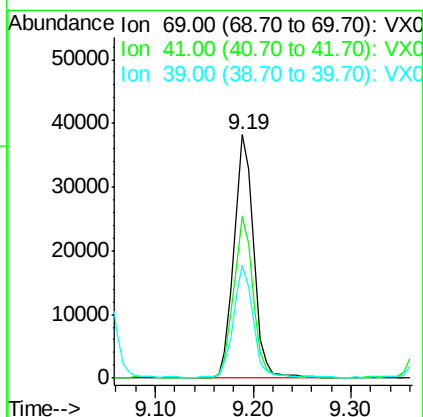
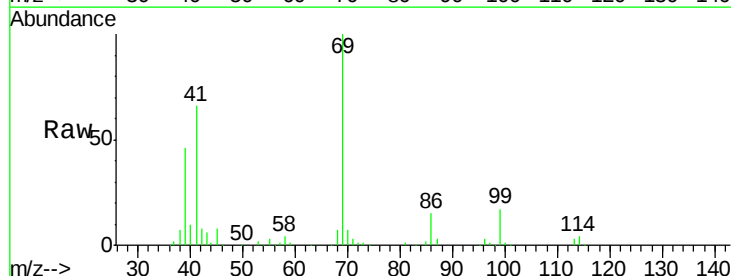
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBSD01

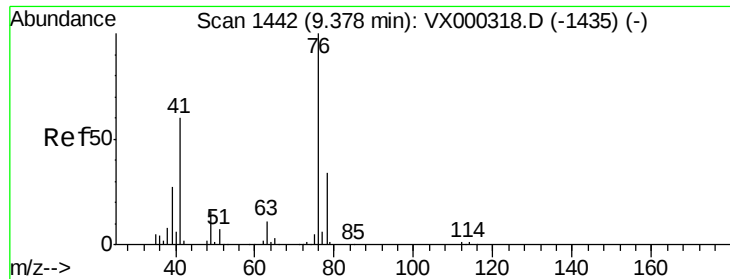
Tgt Ion:	97	Resp:	35826
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.9	101.9
85	54.6	42.8	64.2
99	62.2	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 20.87 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion:	69	Resp:	53727
Ion	Ratio	Lower	Upper
69	100		
41	67.1	53.0	79.6
39	45.3	35.3	52.9

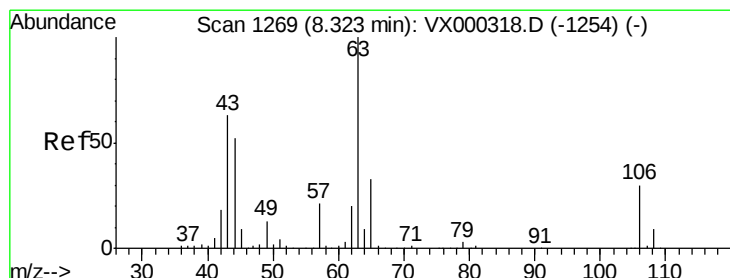
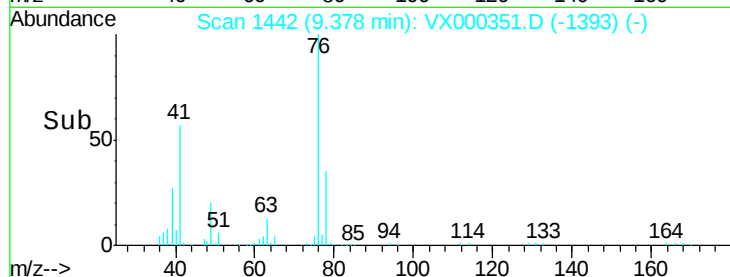
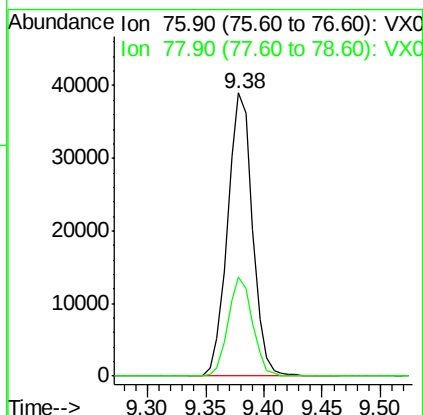
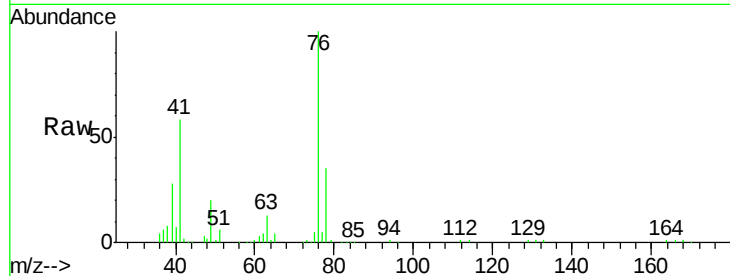




#57
 1,3-Dichloropropane
 Concen: 20.62 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

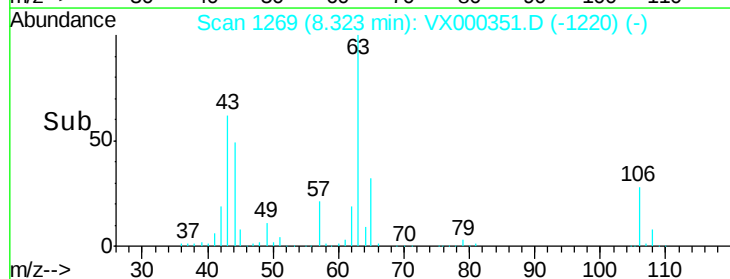
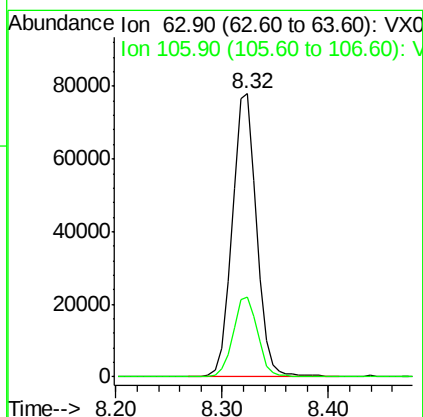
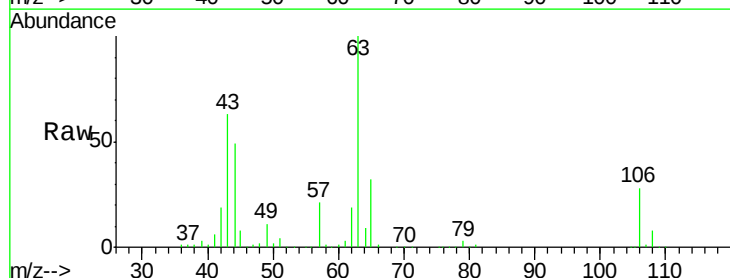
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBSD01

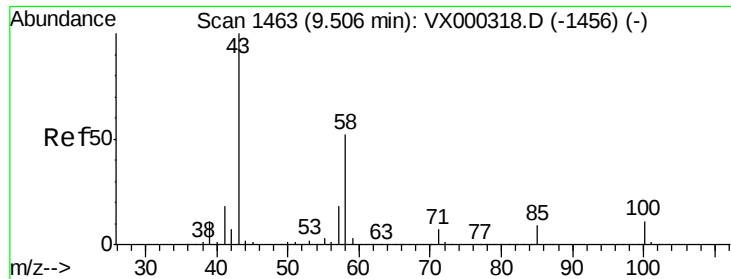
Tgt Ion: 76 Resp: 58080
 Ion Ratio Lower Upper
 76 100
 78 34.3 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.17 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion: 63 Resp: 125283
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.2 34.8

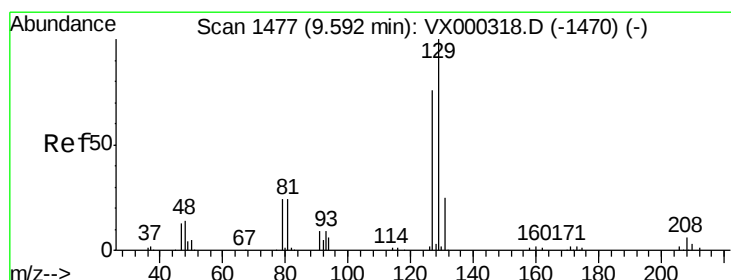
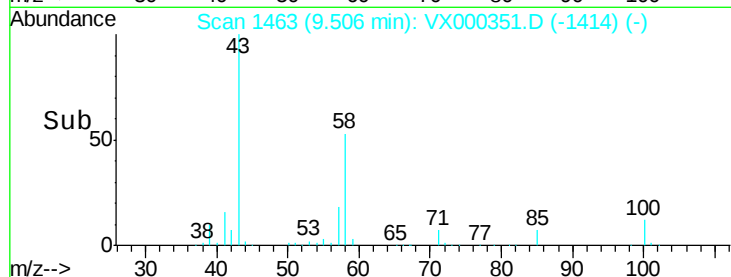
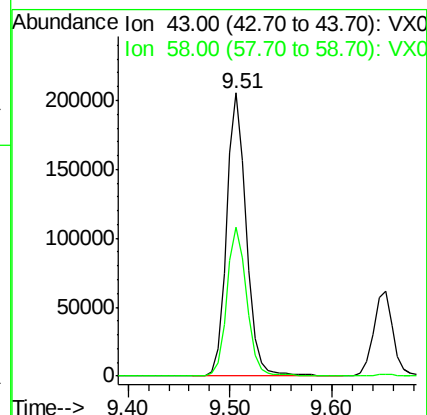
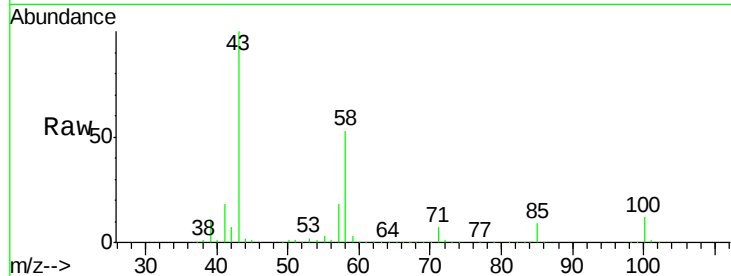




#59
2-Hexanone
Concen: 101.18 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

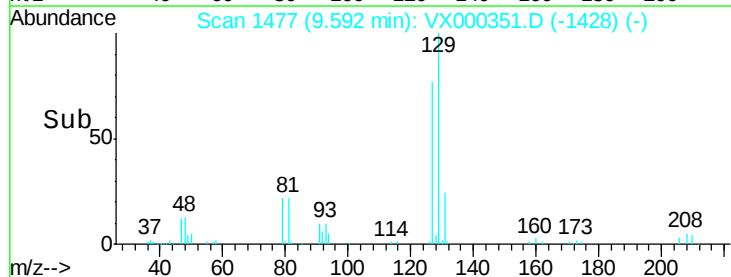
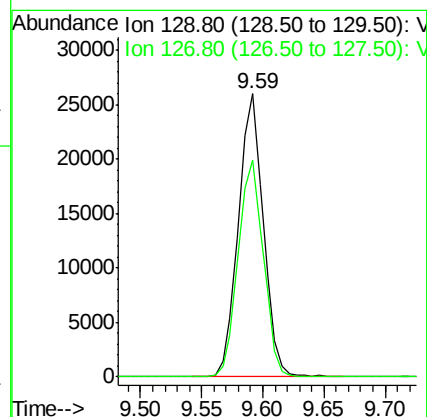
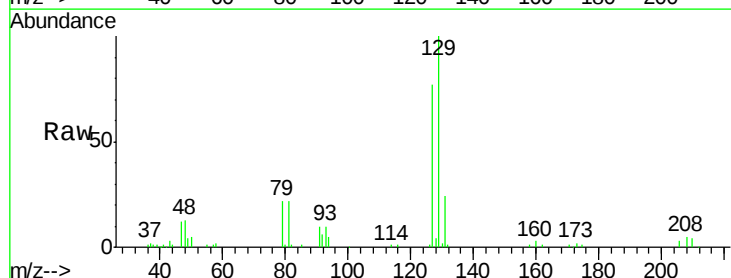
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

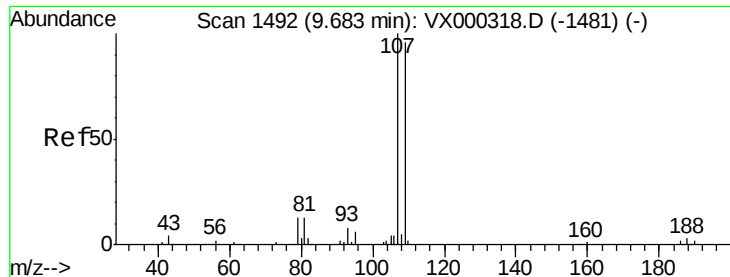
Tgt Ion: 43 Resp: 276096
Ion Ratio Lower Upper
43 100
58 53.3 26.6 79.7



#60
Dibromochloromethane
Concen: 19.88 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion: 129 Resp: 36549
Ion Ratio Lower Upper
129 100
127 77.1 37.9 113.6





#61

1,2-Dibromoethane

Concen: 19.69 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

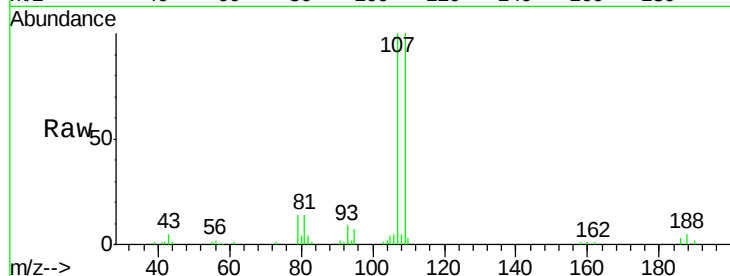
VX0316MBSD01

Tgt Ion: 107 Resp: 37941

Ion Ratio Lower Upper

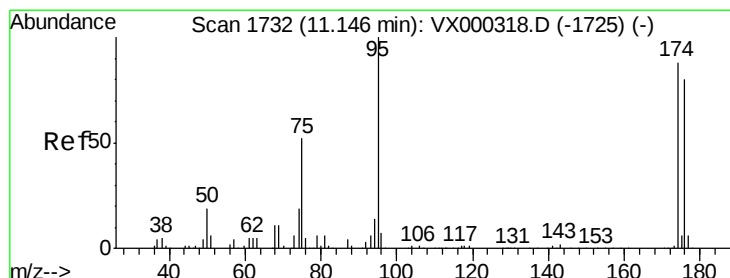
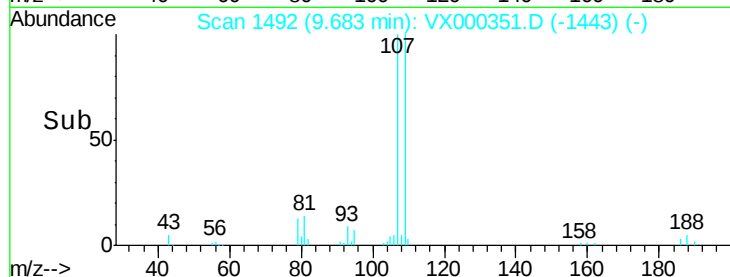
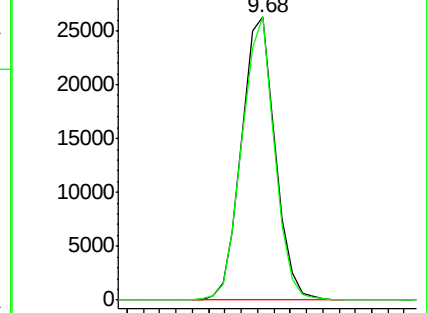
107 100

109 96.4 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 42.48 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

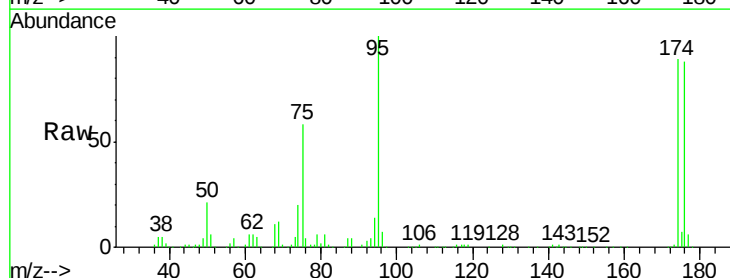
Tgt Ion: 95 Resp: 107278

Ion Ratio Lower Upper

95 100

174 87.3 0.0 173.6

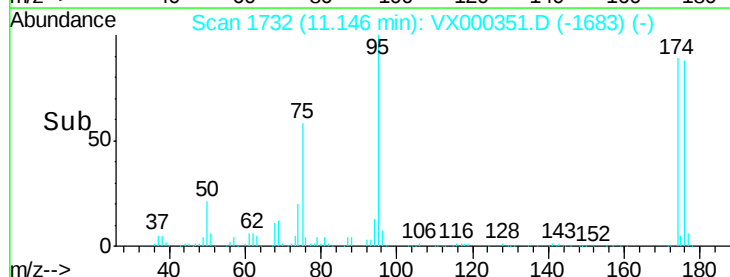
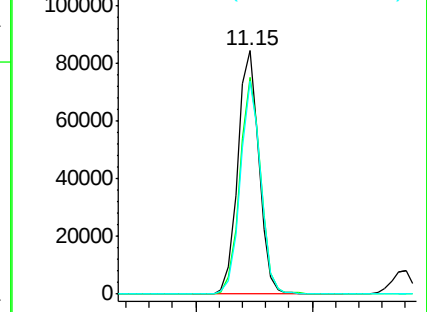
176 84.1 0.0 164.6

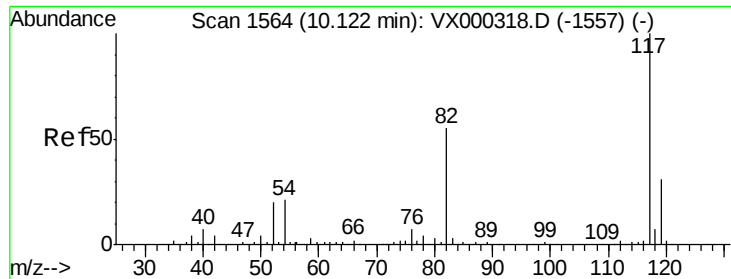


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

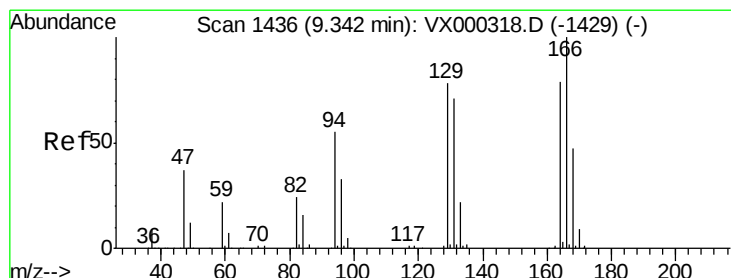
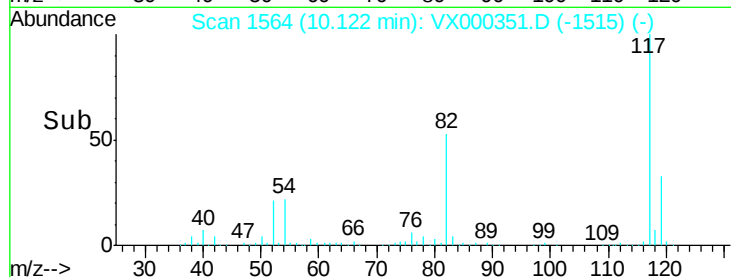
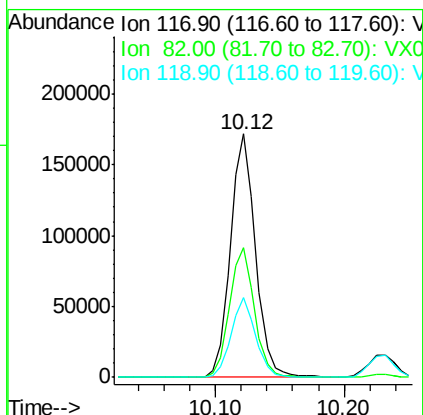
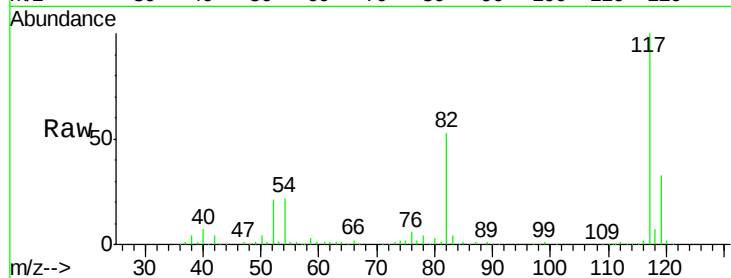




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

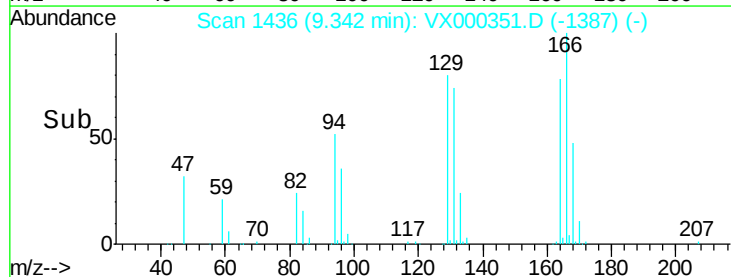
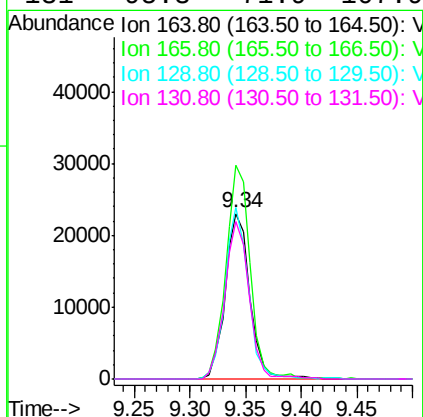
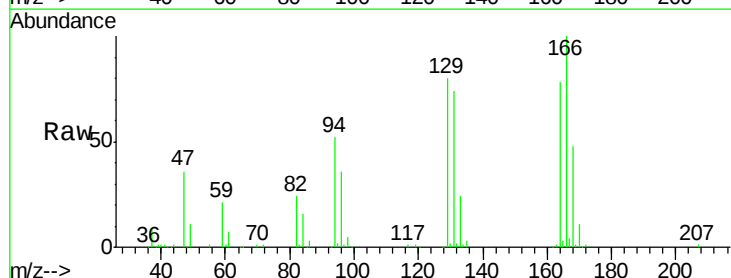
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

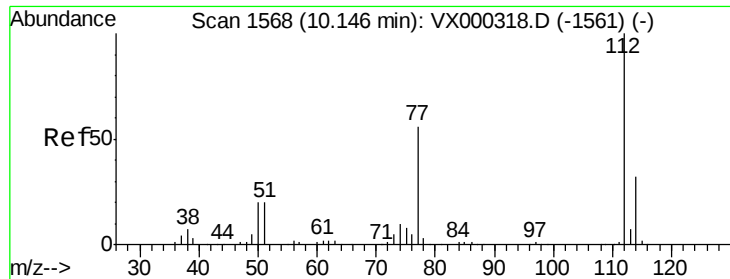
Tgt Ion:117 Resp: 234372
Ion Ratio Lower Upper
117 100
82 53.3 43.8 65.8
119 32.8 24.9 37.3



#64
Tetrachloroethene
Concen: 22.09 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion:164 Resp: 35111
Ion Ratio Lower Upper
164 100
166 128.9 101.0 151.6
129 103.7 79.0 118.4
131 95.3 71.9 107.9





#65

Chlorobenzene

Concen: 20.69 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

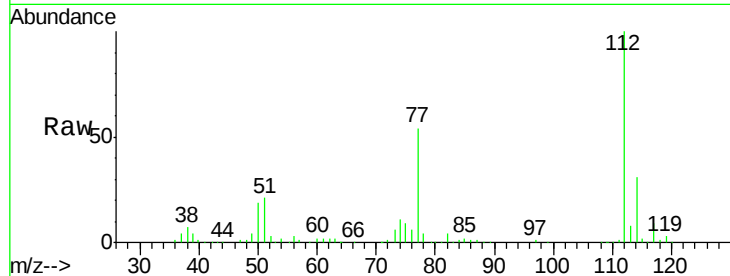
VX0316MBSD01

Tgt Ion:112 Resp: 98750

Ion Ratio Lower Upper

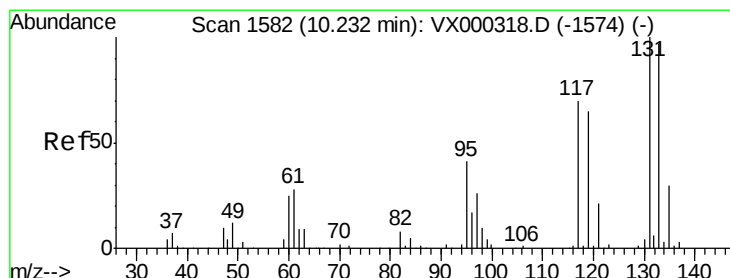
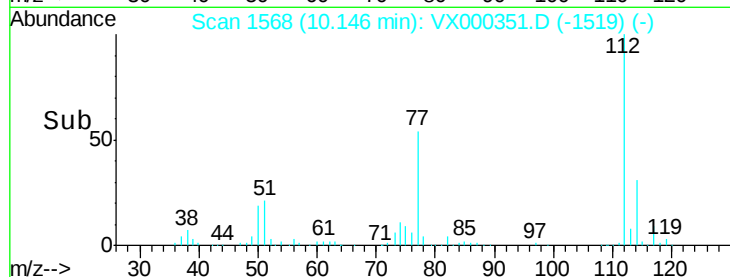
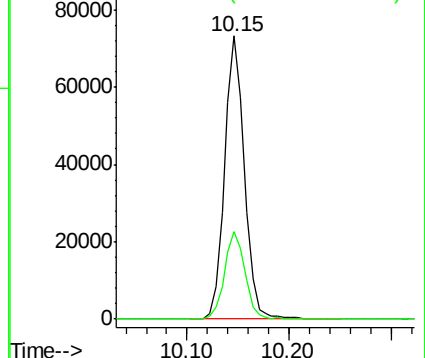
112 100

114 30.7 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.99 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

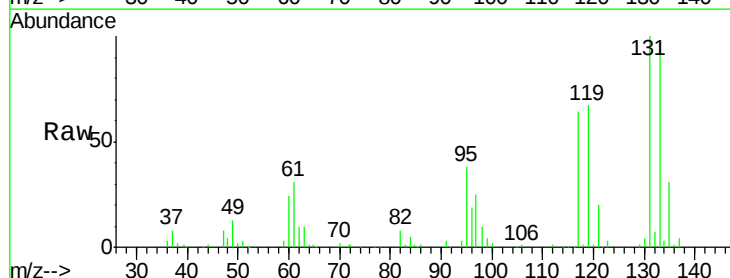
Tgt Ion:131 Resp: 33691

Ion Ratio Lower Upper

131 100

133 97.6 47.1 141.3

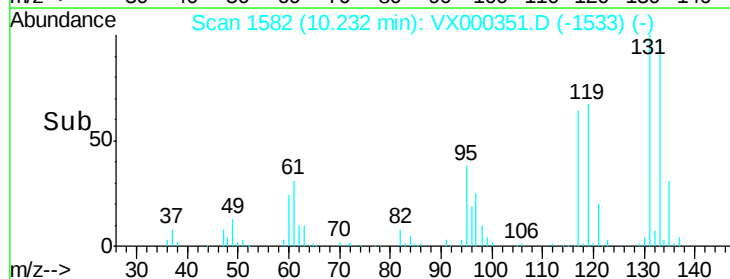
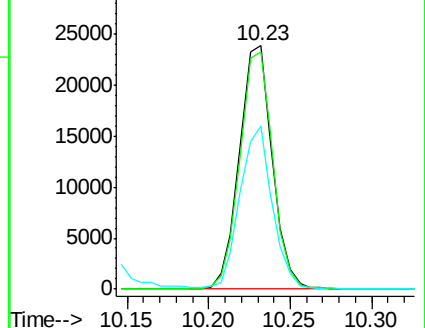
119 66.2 33.1 99.2

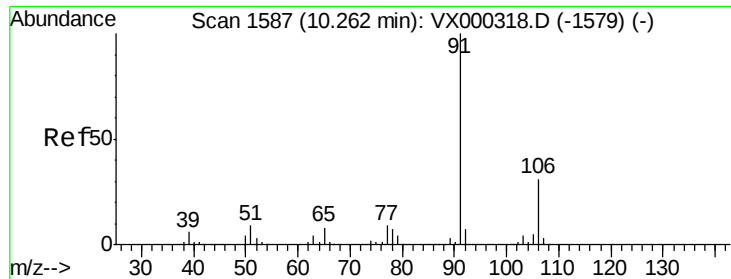


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

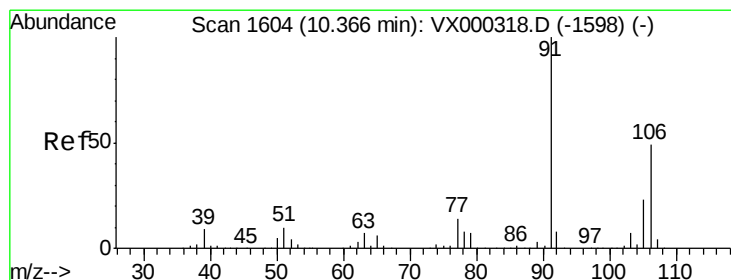
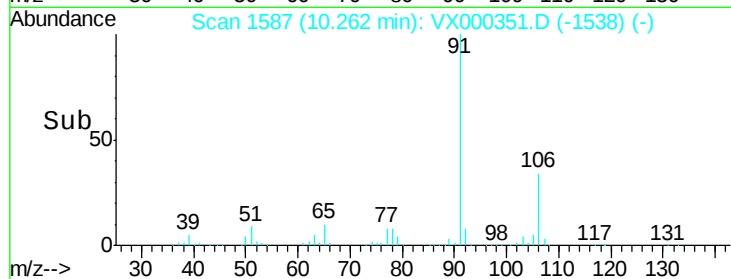
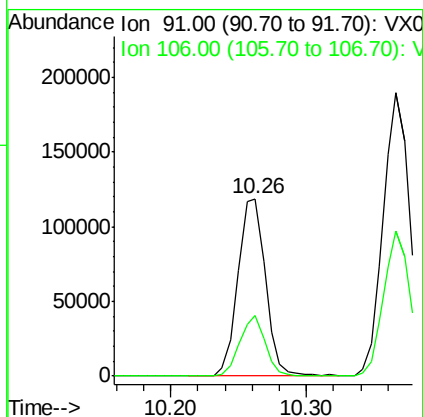
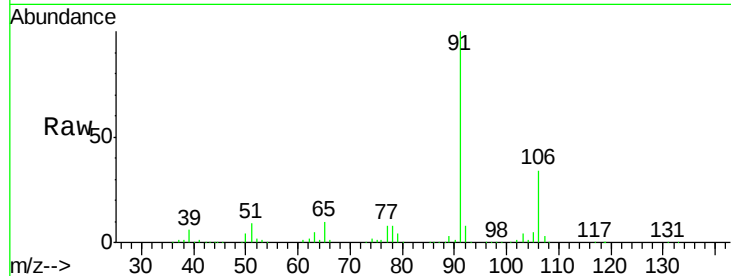




#67
Ethyl Benzene
Concen: 20.62 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

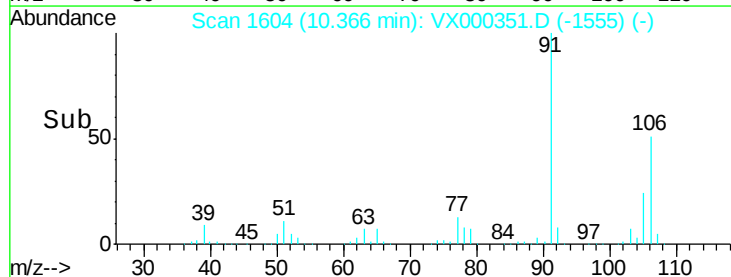
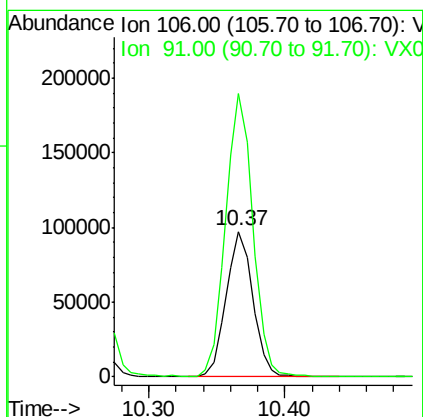
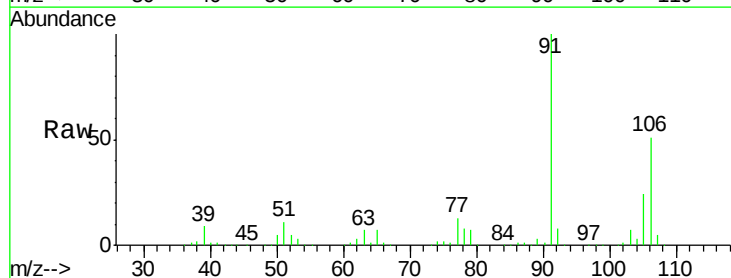
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

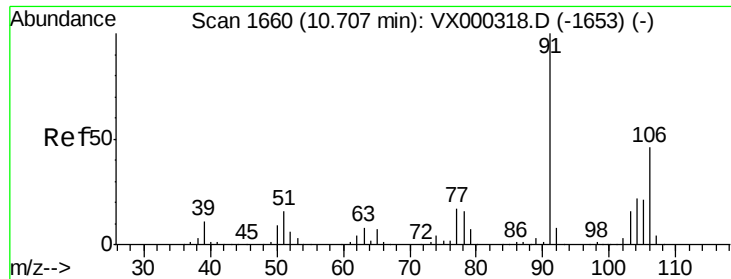
Tgt Ion: 91 Resp: 167780
Ion Ratio Lower Upper
91 100
106 34.1 25.0 37.6



#68
m/p-Xylenes
Concen: 42.03 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion: 106 Resp: 133244
Ion Ratio Lower Upper
106 100
91 198.6 163.4 245.2

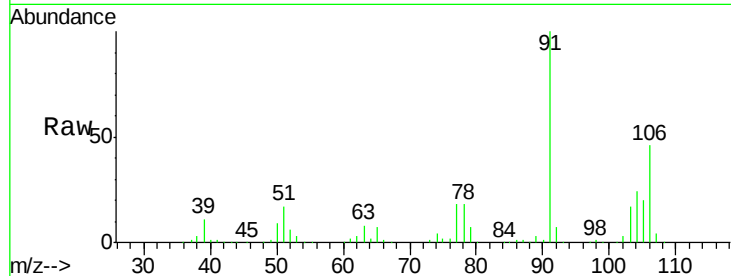




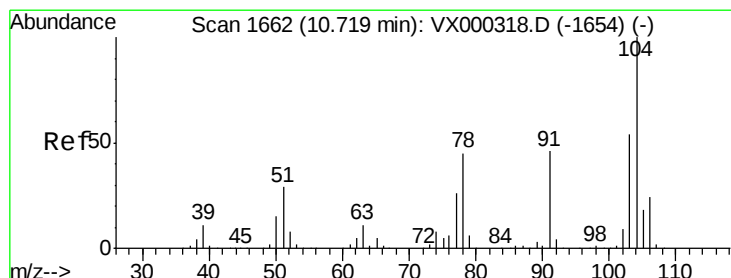
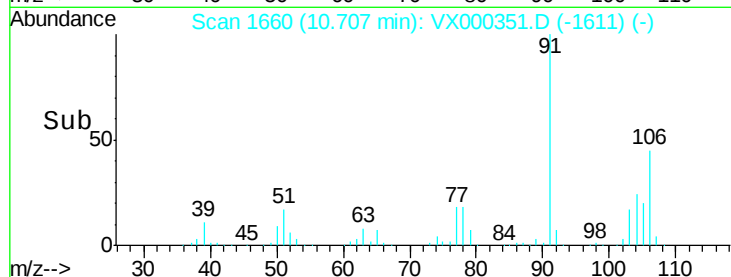
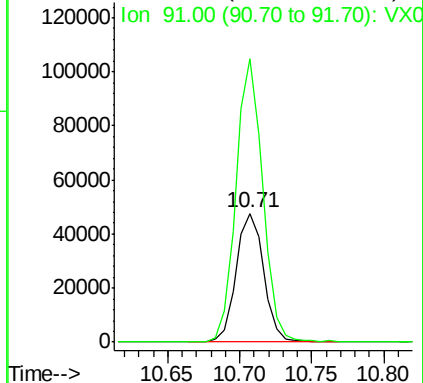
#69
o-Xylene
Concen: 20.75 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Tgt Ion:106 Resp: 63907
Ion Ratio Lower Upper
106 100
91 212.0 106.5 319.6

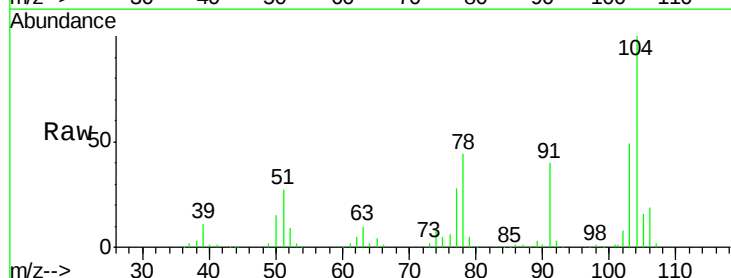


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

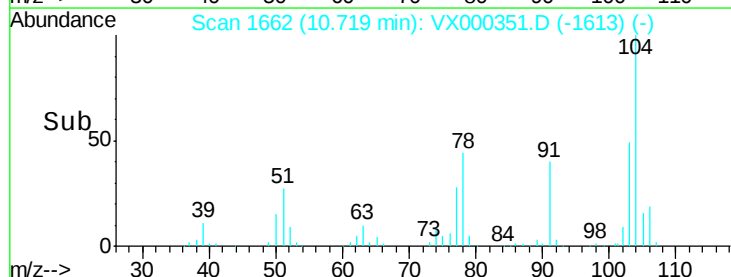
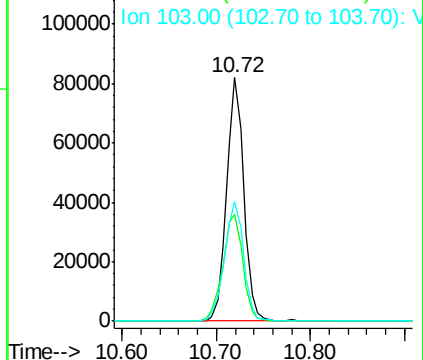


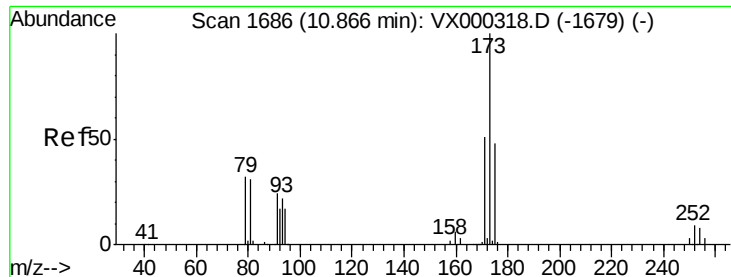
#70
Styrene
Concen: 20.41 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion:104 Resp: 104294
Ion Ratio Lower Upper
104 100
78 51.1 40.5 60.7
103 54.9 45.7 68.5



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

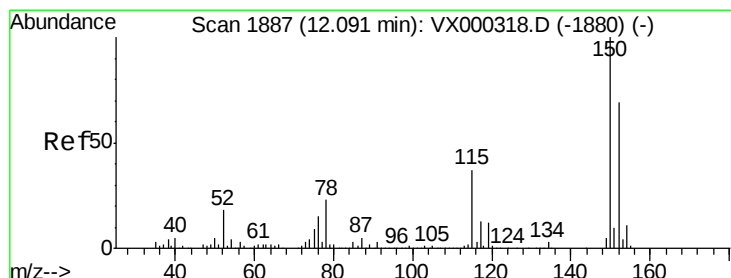
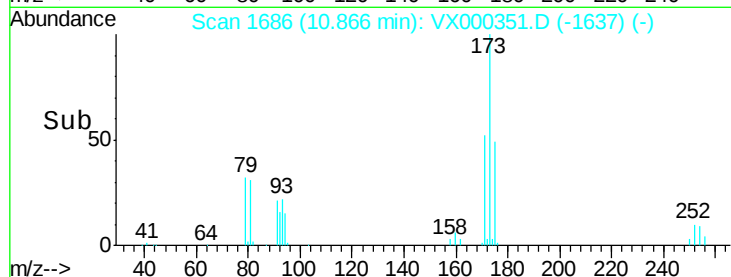
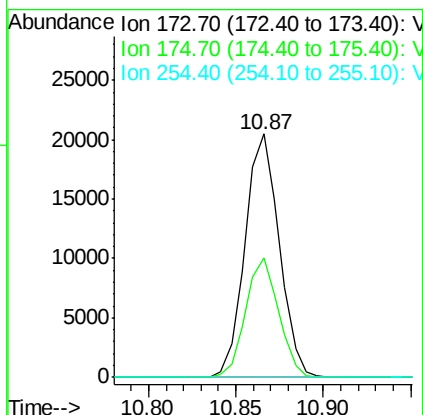
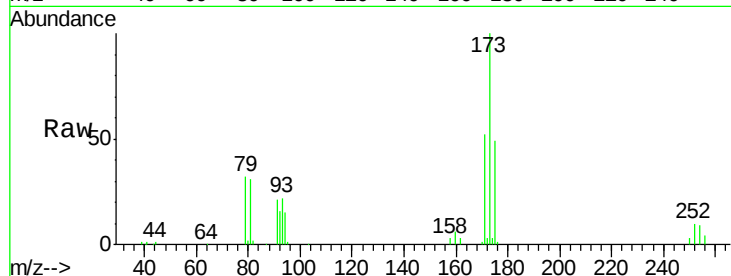




#71
Bromoform
Concen: 19.77 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

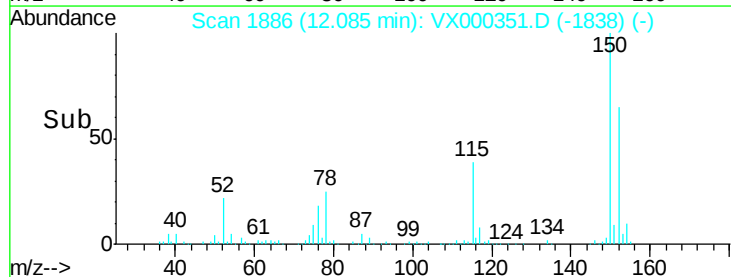
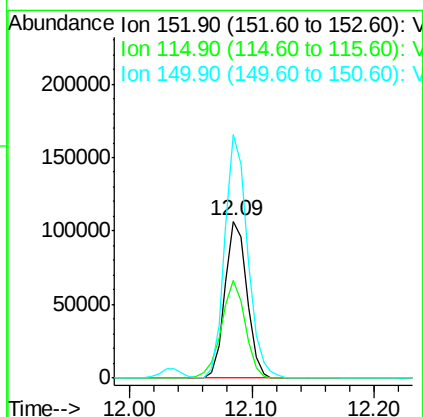
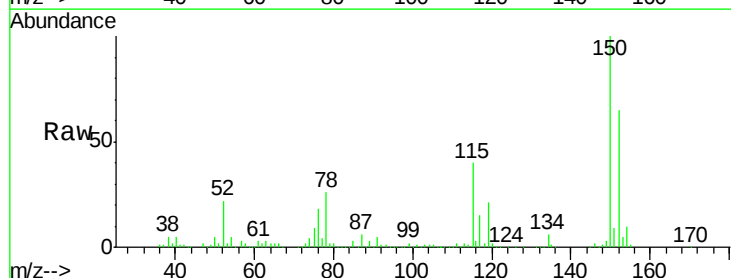
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

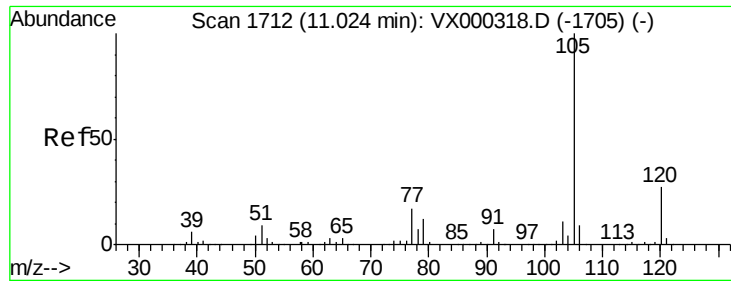
Tgt Ion:173 Resp: 27730
Ion Ratio Lower Upper
173 100
175 47.3 25.4 76.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000351.D
Acq: 16 Mar 2018 17:02

Tgt Ion:152 Resp: 131752
Ion Ratio Lower Upper
152 100
115 68.3 39.8 119.3
150 162.1 0.0 344.4





#73

Isopropylbenzene

Concen: 21.92 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

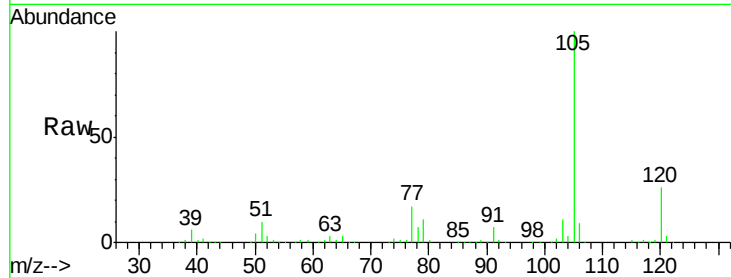
VX0316MBSD01

Tgt Ion: 105 Resp: 173979

Ion Ratio Lower Upper

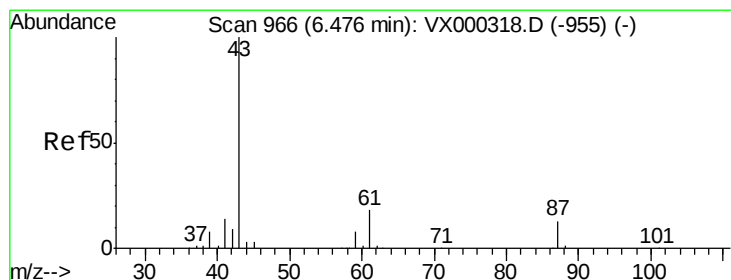
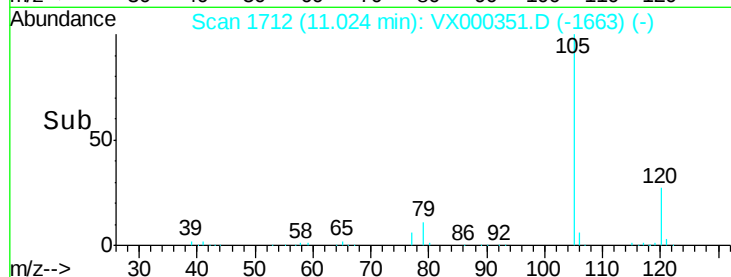
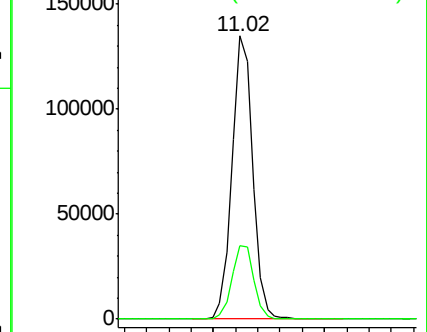
105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.22 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Tgt Ion: 43 Resp: 88213

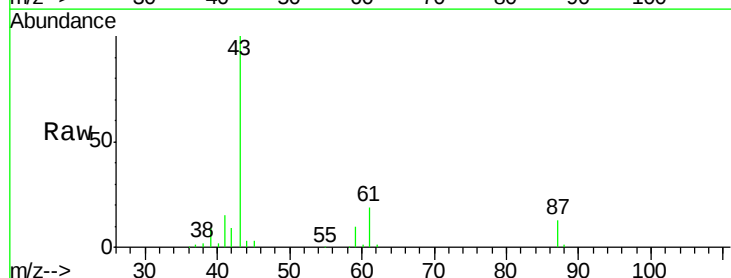
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.0 14.4 21.6

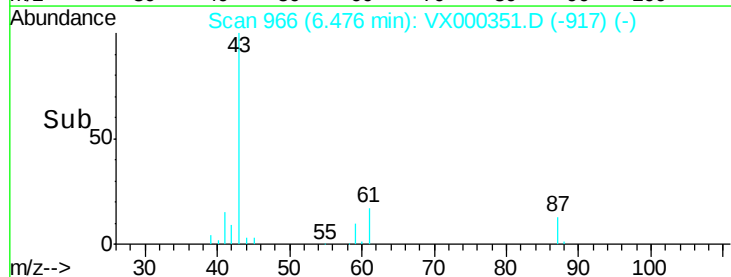
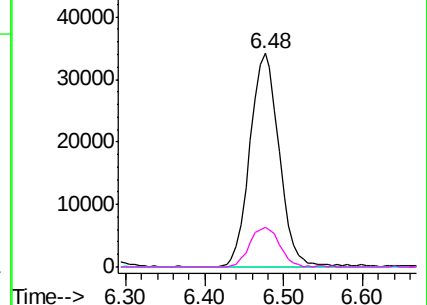


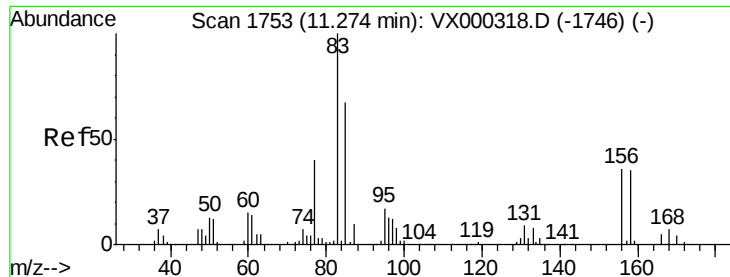
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.20 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

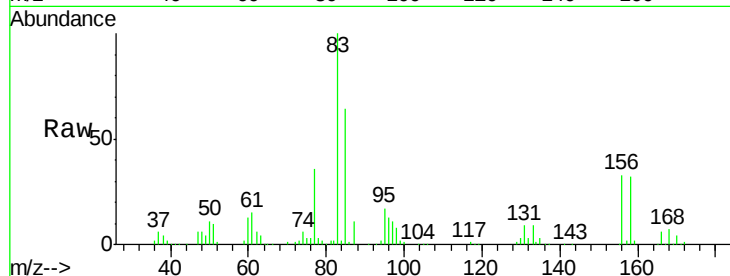
Tgt Ion: 83 Resp: 62700

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

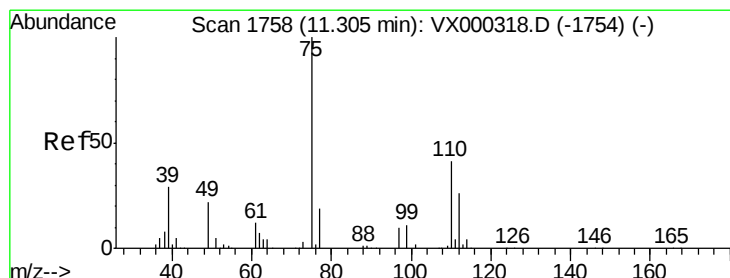
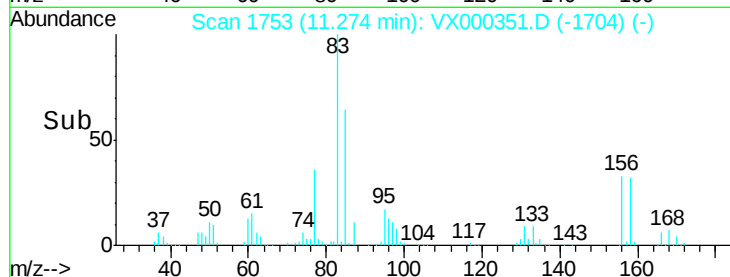
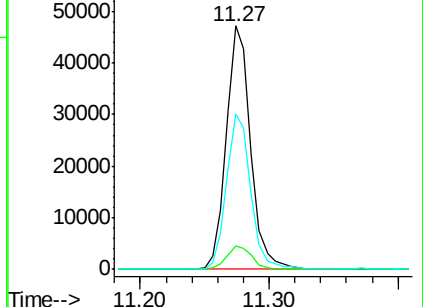
85 63.6 32.5 97.5



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: 28.48 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000351.D

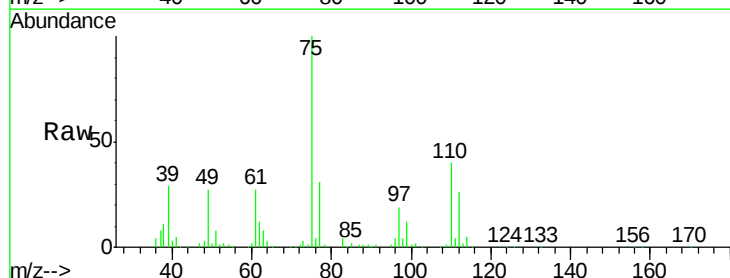
Acq: 16 Mar 2018 17:02

Tgt Ion: 75 Resp: 69917

Ion Ratio Lower Upper

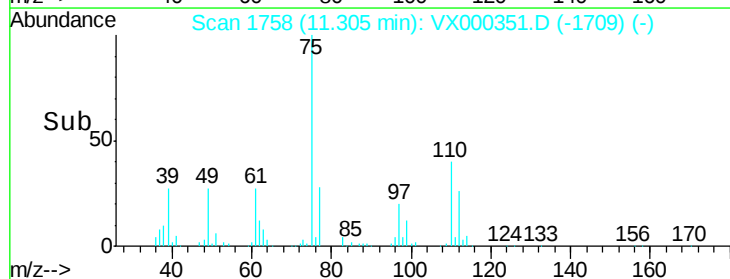
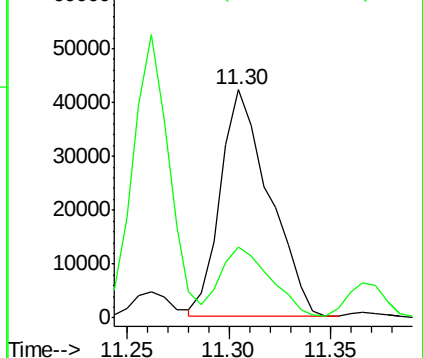
75 100

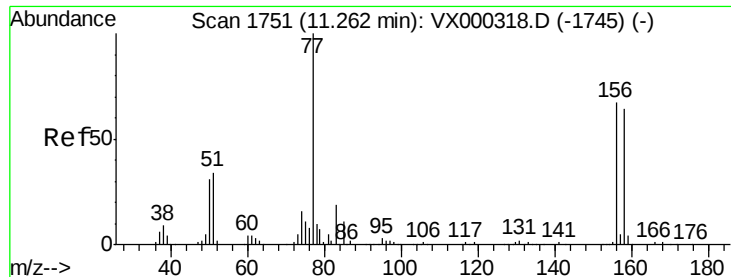
77 32.3 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.68 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampled :

VX0316MBSD01

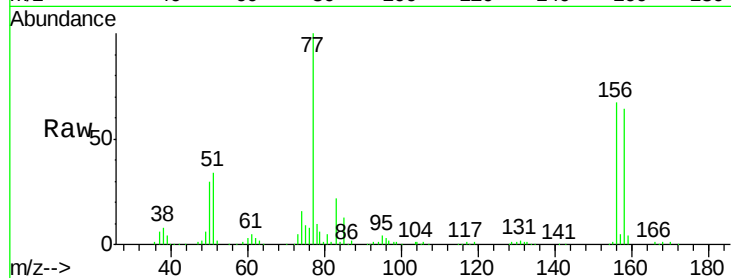
Tgt Ion:156 Resp: 45150

Ion Ratio Lower Upper

156 100

77 144.4 73.4 220.2

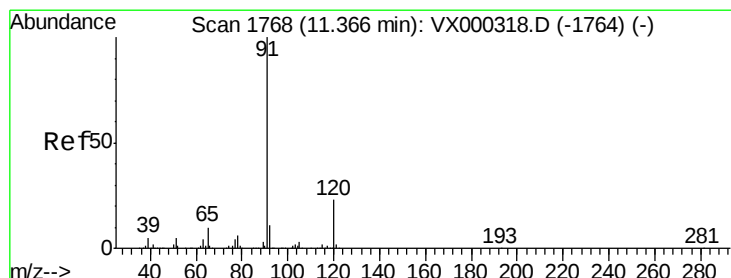
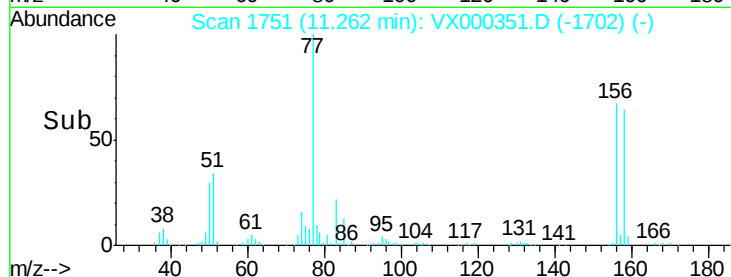
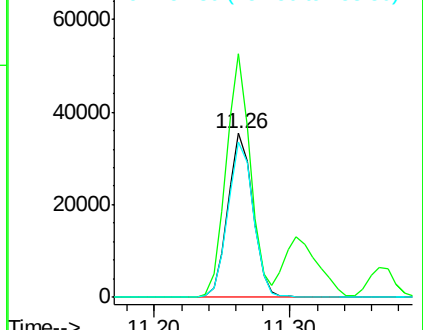
158 97.0 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.08 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000351.D

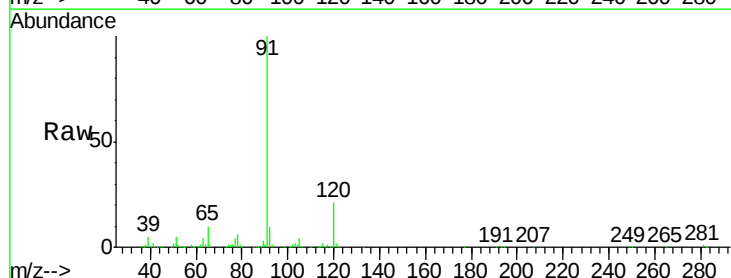
Acq: 16 Mar 2018 17:02

Tgt Ion: 91 Resp: 201677

Ion Ratio Lower Upper

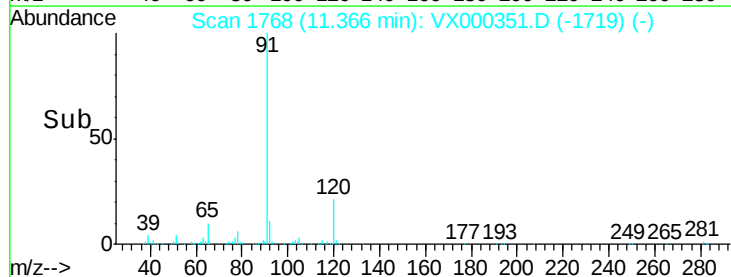
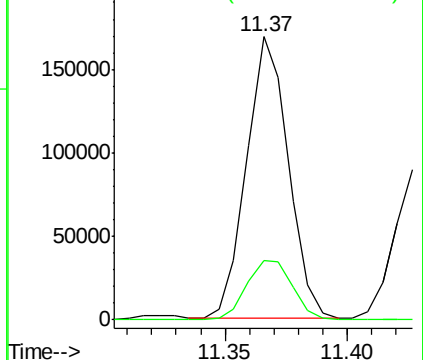
91 100

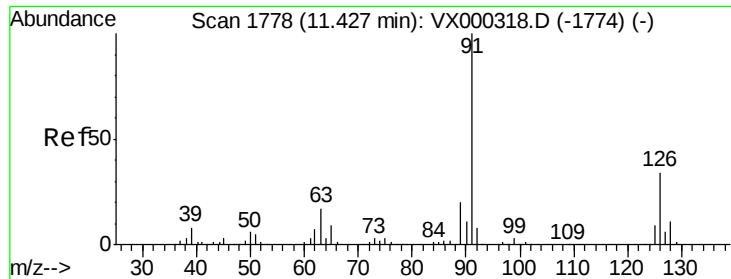
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

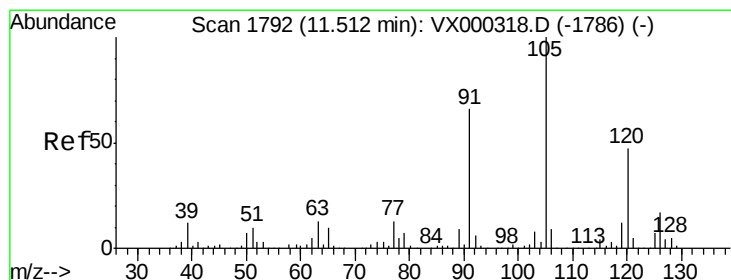
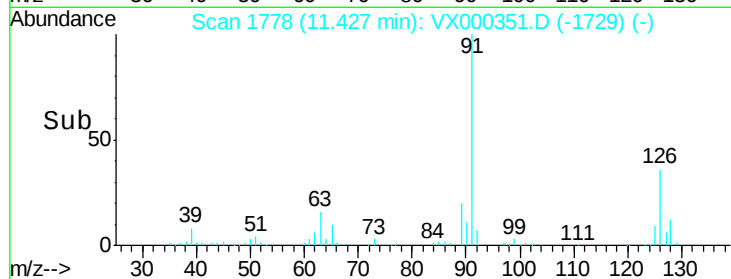
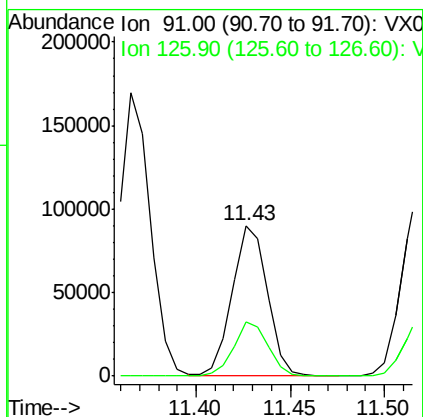
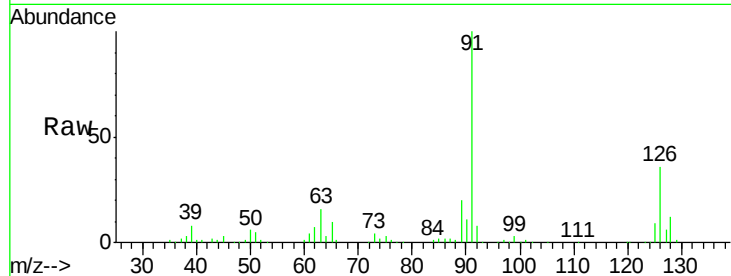




#79
 2-Chlorotoluene
 Concen: 21.34 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

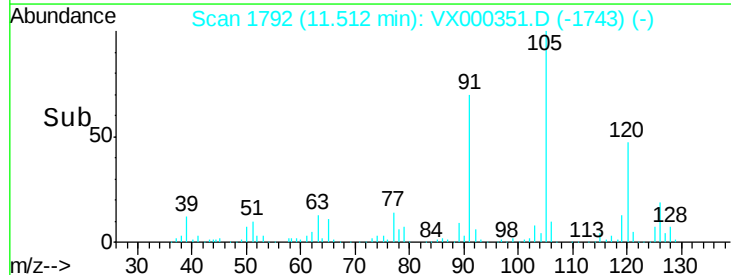
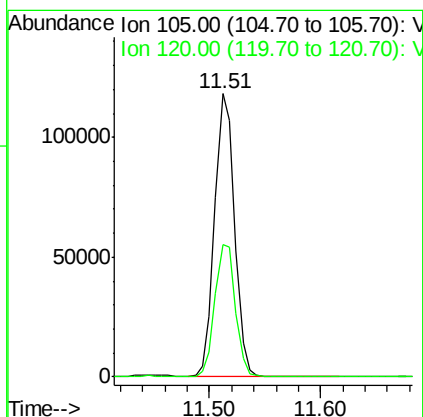
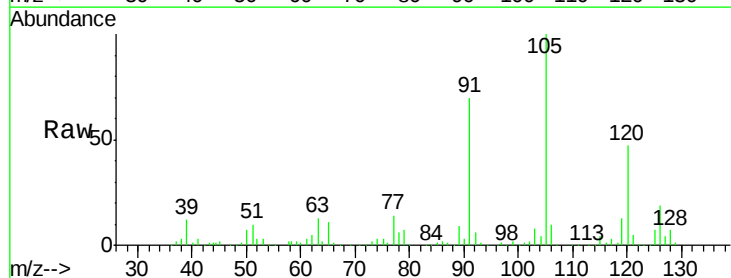
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBSD01

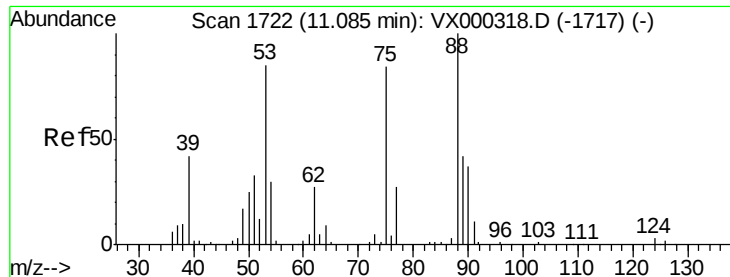
Tgt Ion: 91 Resp: 115875
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.76 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion: 105 Resp: 147092
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.55 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

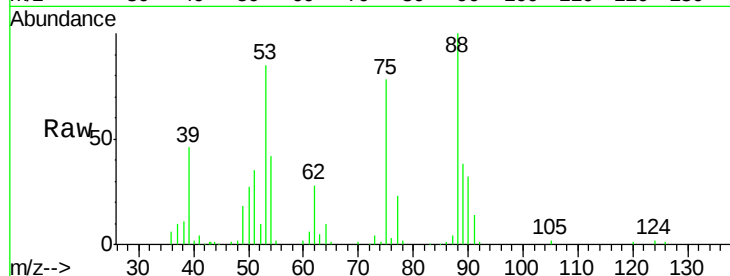
Tgt Ion: 75 Resp: 15689

Ion Ratio Lower Upper

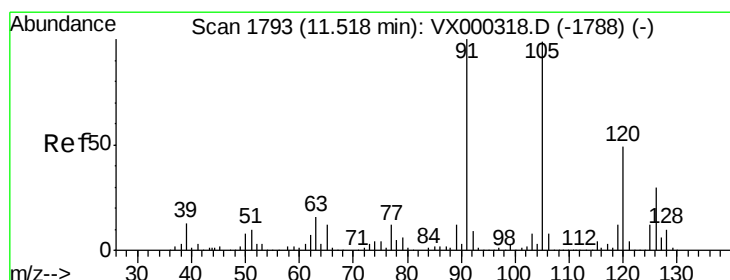
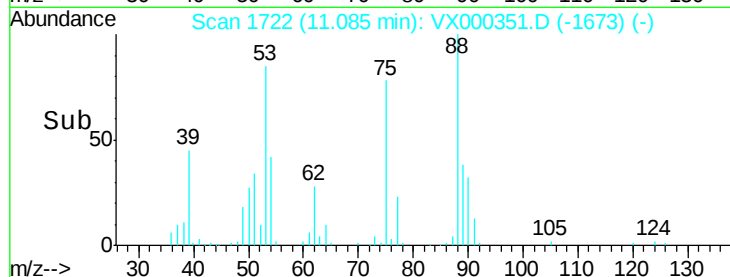
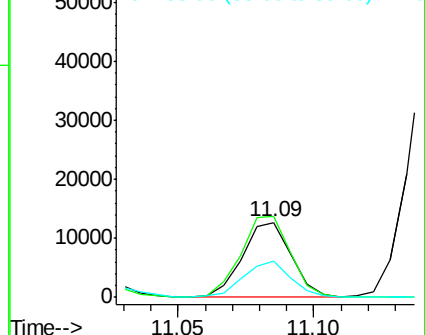
75 100

53 111.5 80.7 121.1

89 47.6 39.4 59.0



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: 21.37 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000351.D

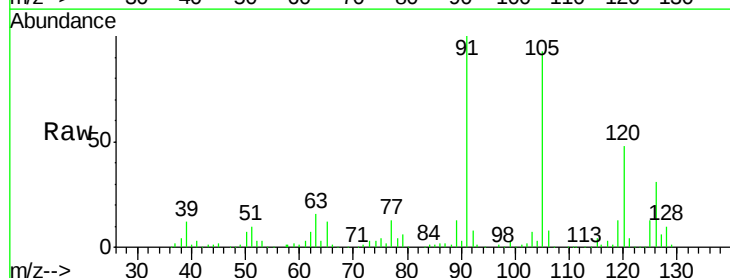
Acq: 16 Mar 2018 17:02

Tgt Ion: 91 Resp: 142599

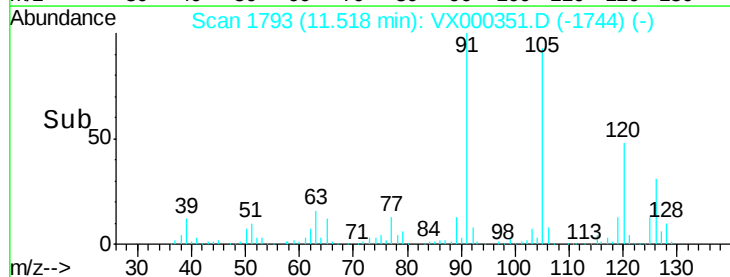
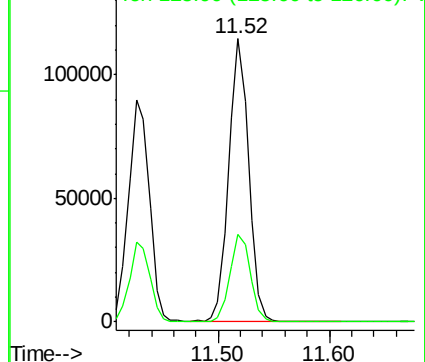
Ion Ratio Lower Upper

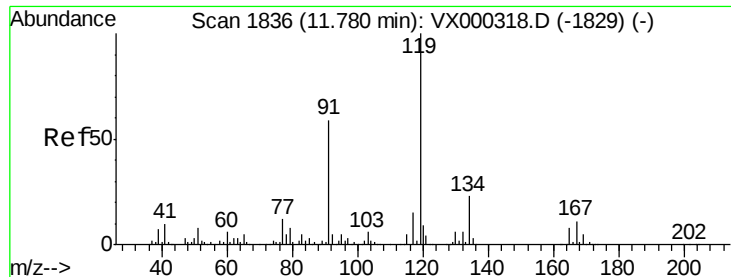
91 100

126 31.8 15.4 46.1



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

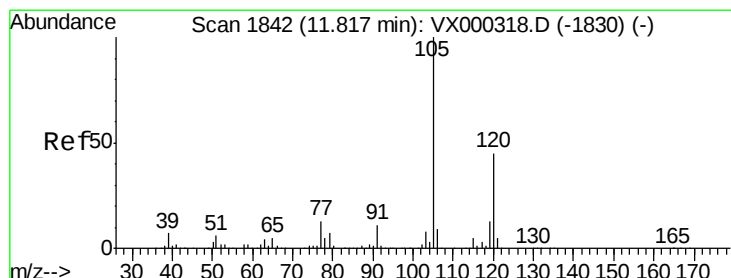
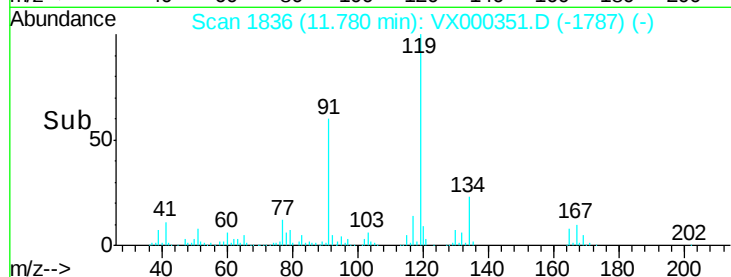
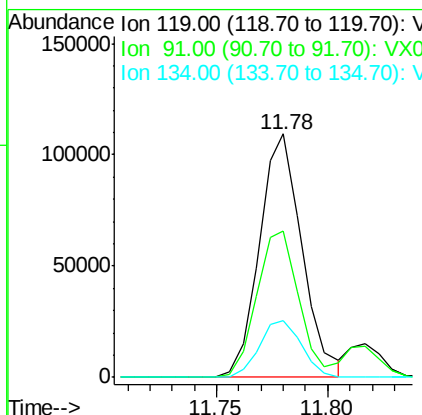
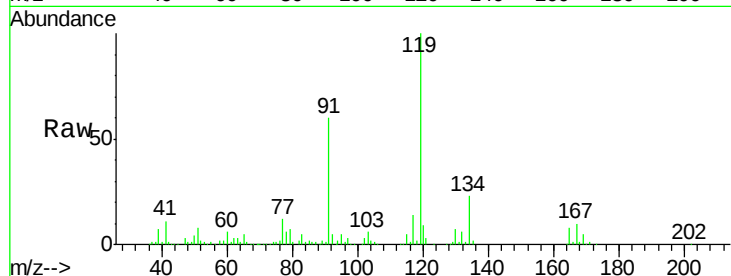




#83
 tert-Butylbenzene
 Concen: 22.04 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

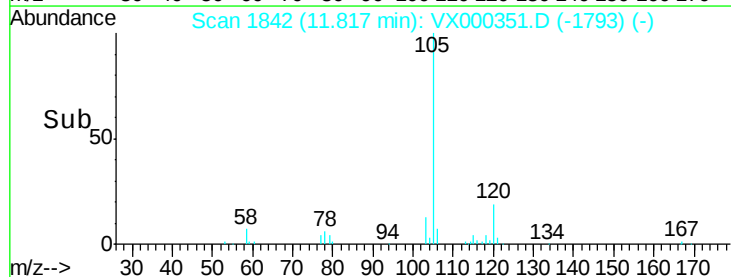
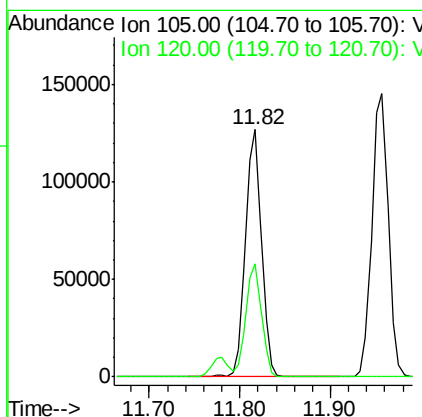
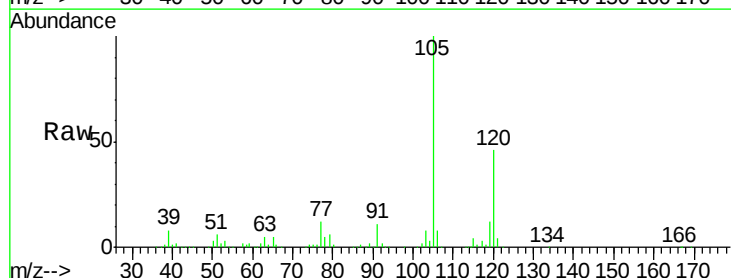
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

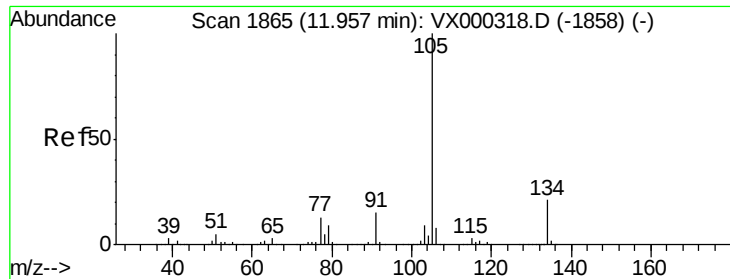
Tgt Ion:119 Resp: 145329
 Ion Ratio Lower Upper
 119 100
 91 59.2 28.8 86.4
 134 23.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 22.57 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion:105 Resp: 156832
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.3

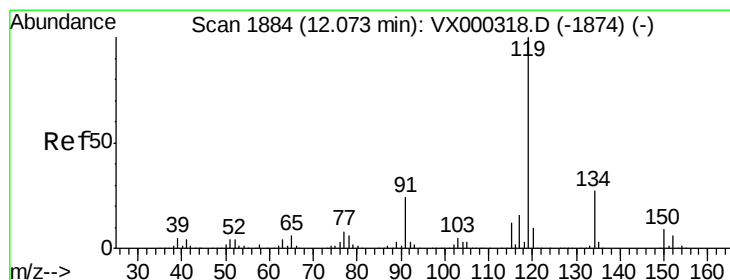
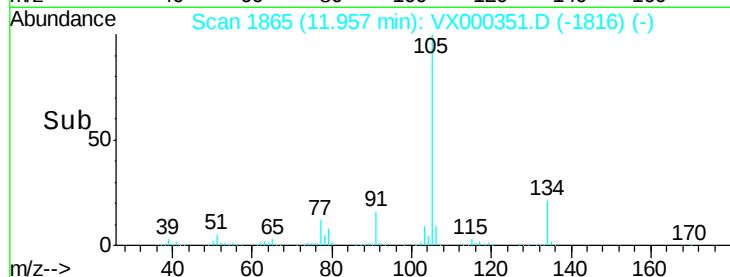
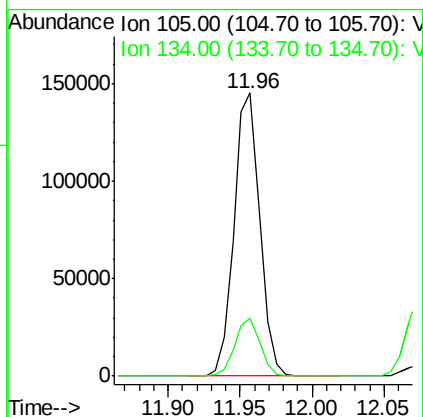
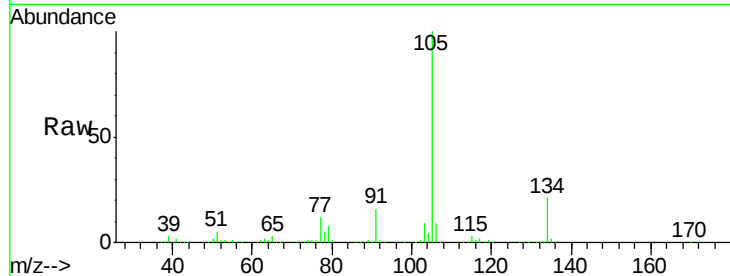




#85
 sec-Butylbenzene
 Concen: 22.01 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

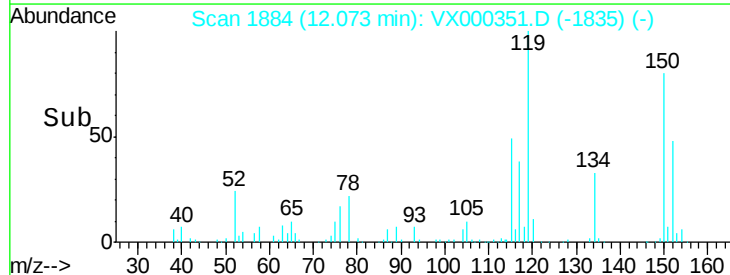
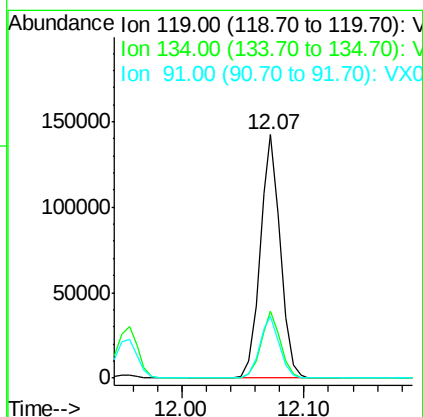
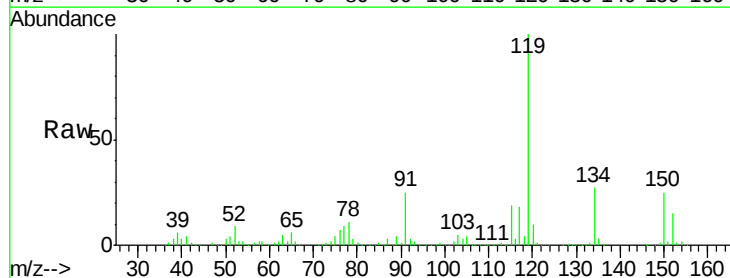
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBSD01

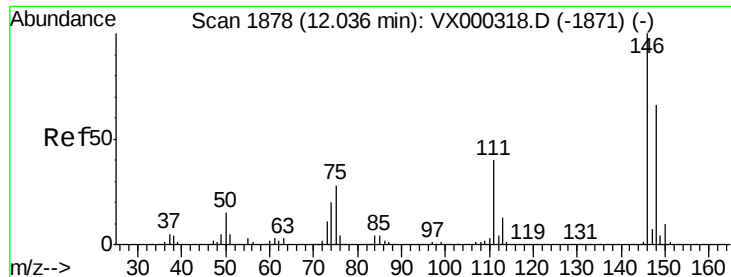
Tgt Ion:105 Resp: 181672
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 22.21 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion:119 Resp: 163171
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 25.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.73 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

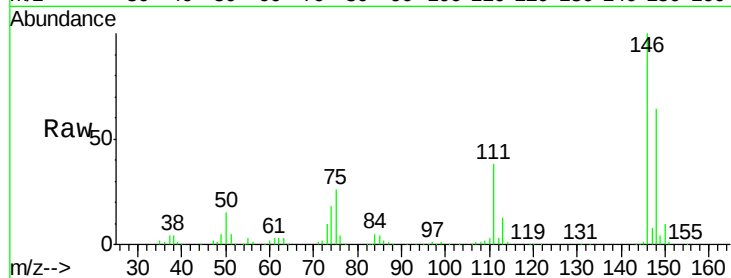
Tgt Ion:146 Resp: 84719

Ion Ratio Lower Upper

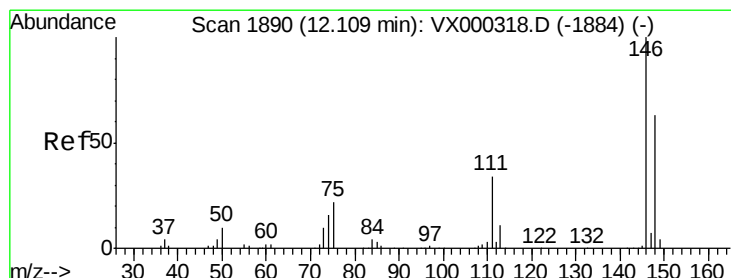
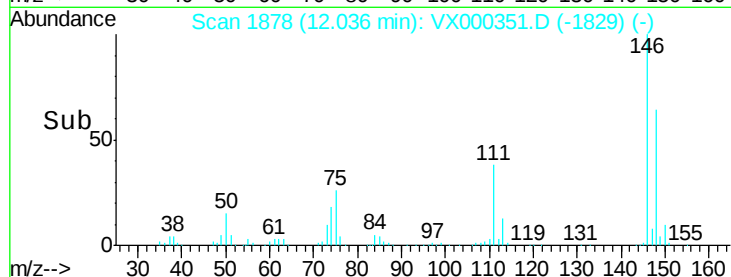
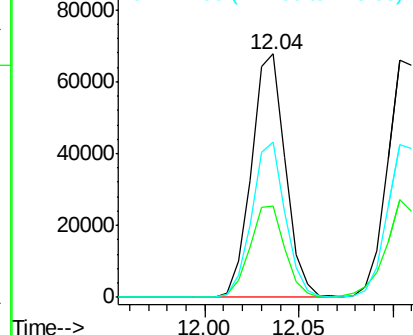
146 100

111 39.0 19.5 58.5

148 62.9 32.4 97.0



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: 20.35 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

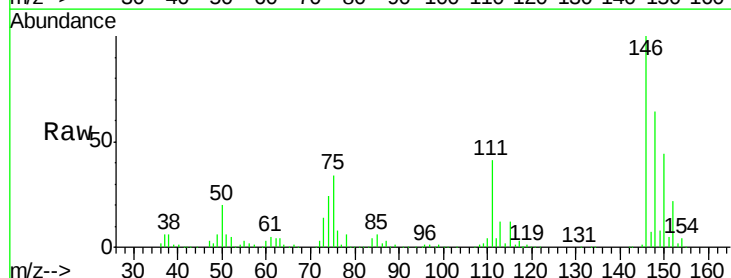
Tgt Ion:146 Resp: 86444

Ion Ratio Lower Upper

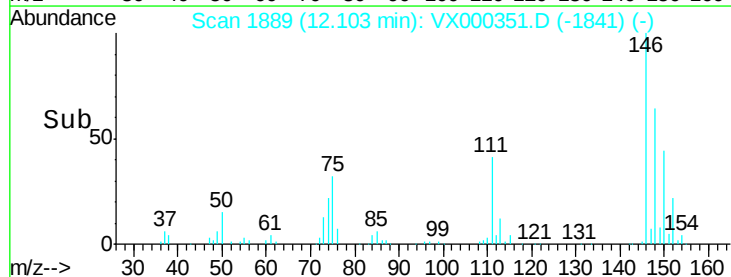
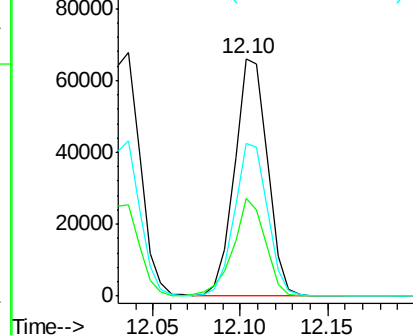
146 100

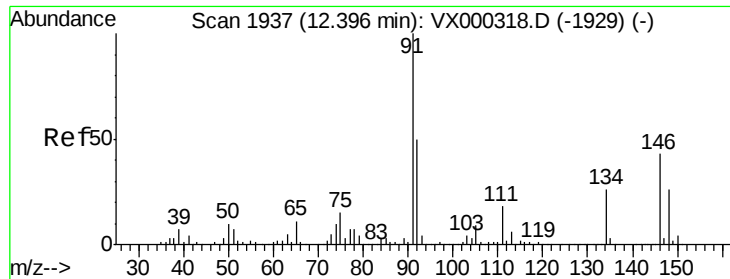
111 40.2 18.9 56.9

148 64.7 31.0 93.0



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: 20.57 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampled :

VX0316MBSD01

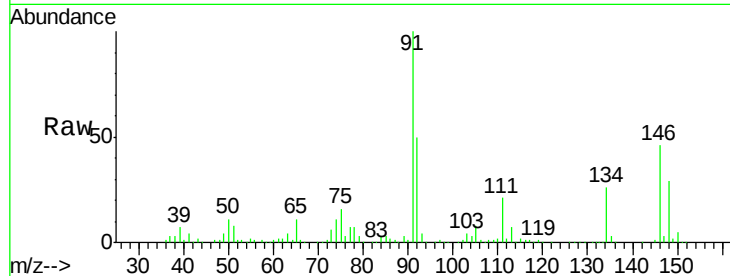
Tgt Ion: 91 Resp: 146927

Ion Ratio Lower Upper

91 100

92 50.5 25.9 77.8

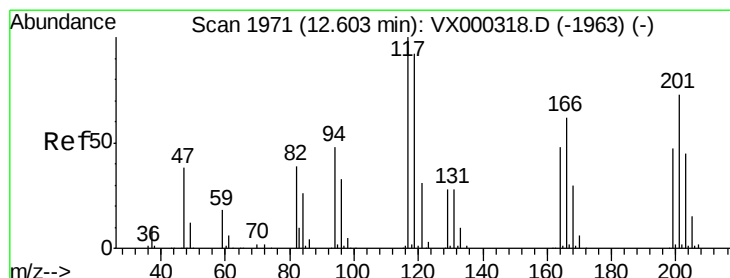
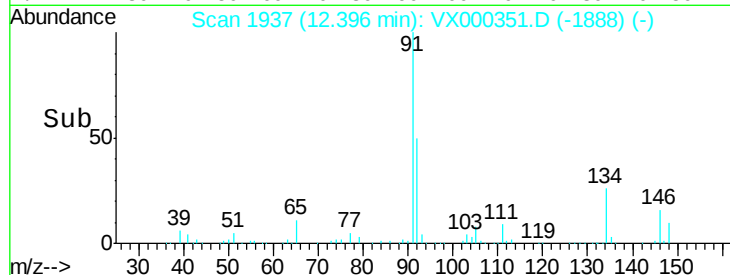
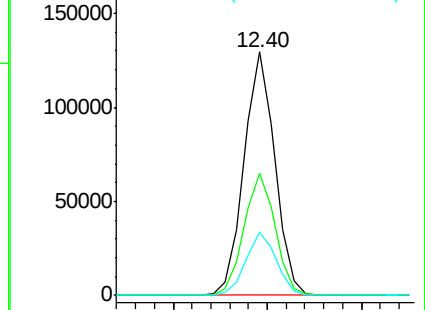
134 25.8 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.81 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000351.D

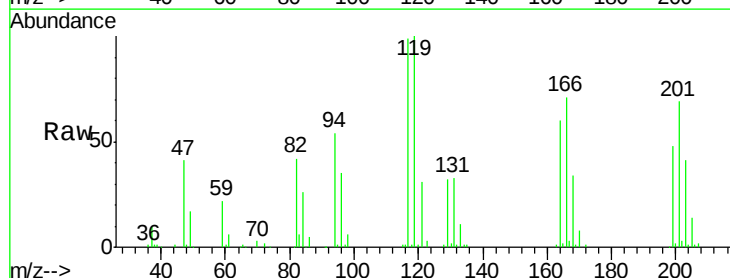
Acq: 16 Mar 2018 17:02

Tgt Ion: 117 Resp: 24523

Ion Ratio Lower Upper

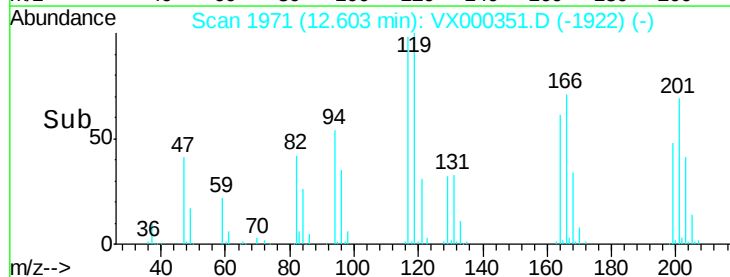
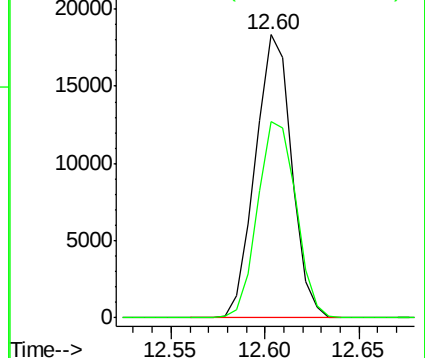
117 100

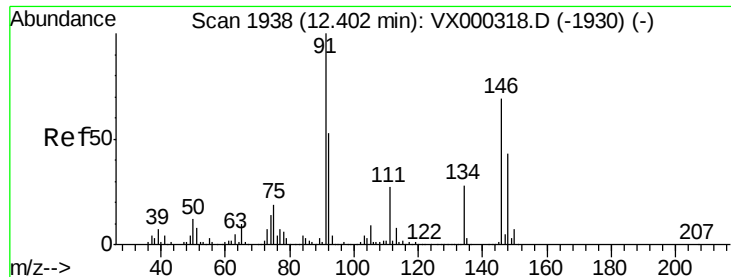
201 73.3 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

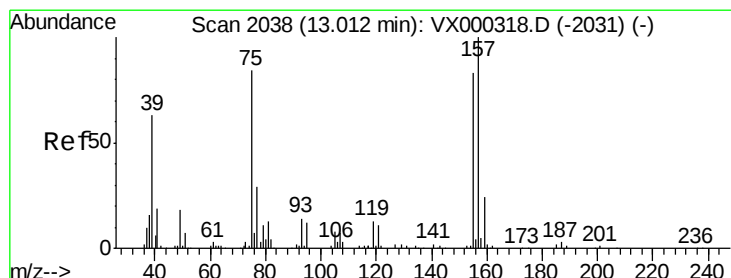
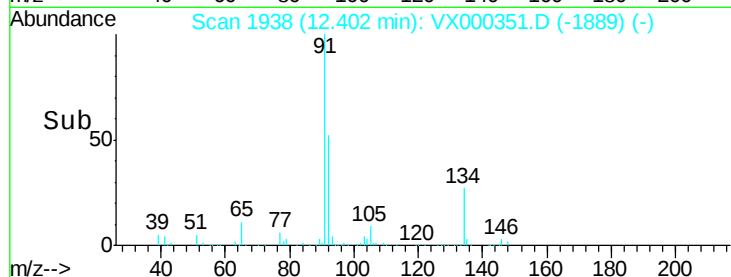
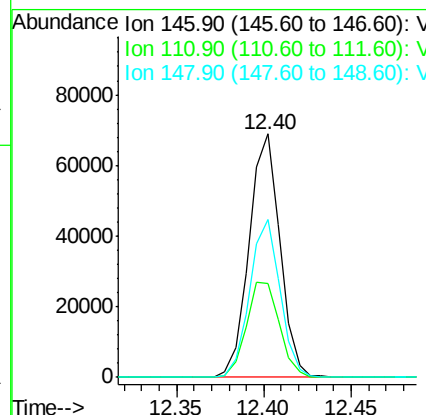
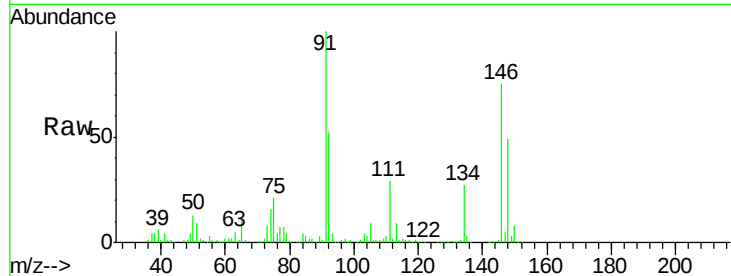




#91
 1,2-Dichlorobenzene
 Concen: 21.38 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

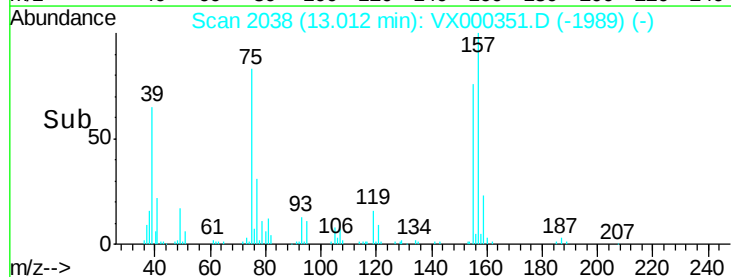
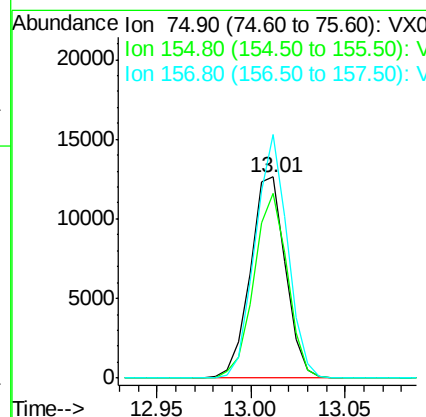
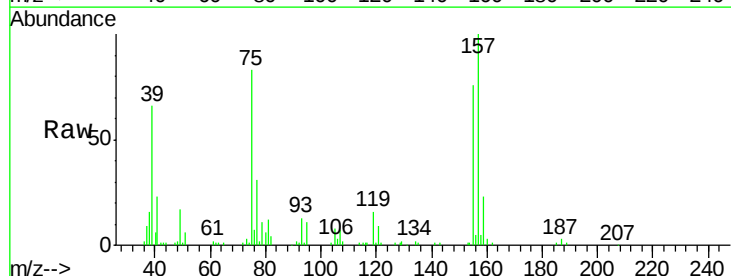
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

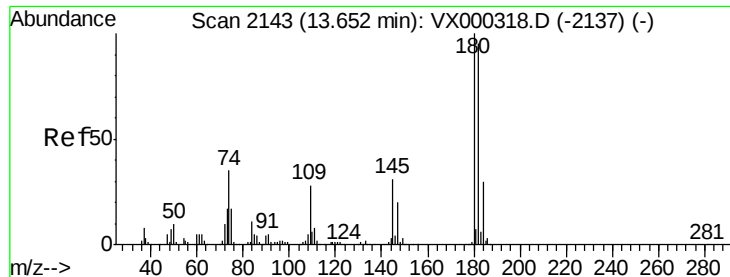
Tgt Ion:146 Resp: 84648
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.1 60.2
 148 63.7 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.40 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion: 75 Resp: 16363
 Ion Ratio Lower Upper
 75 100
 155 87.6 45.0 134.8
 157 111.2 58.1 174.2

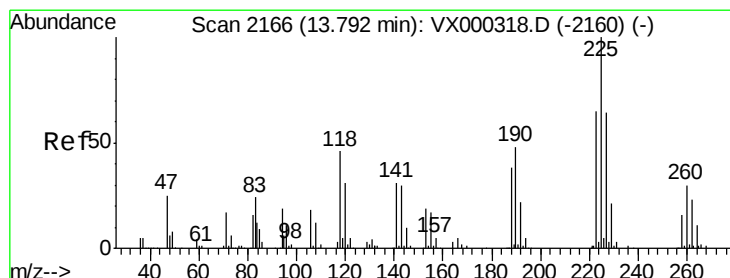
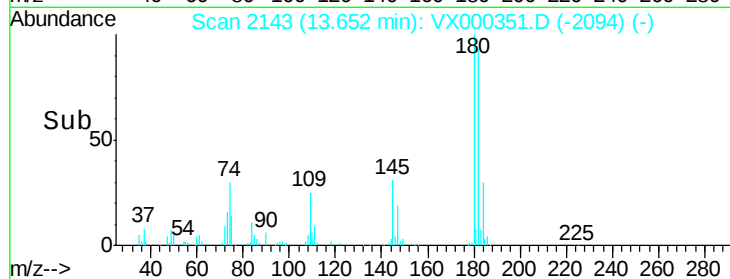
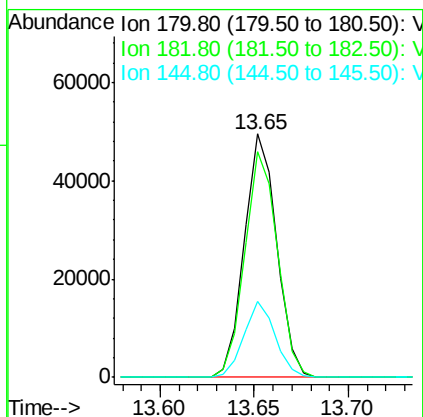
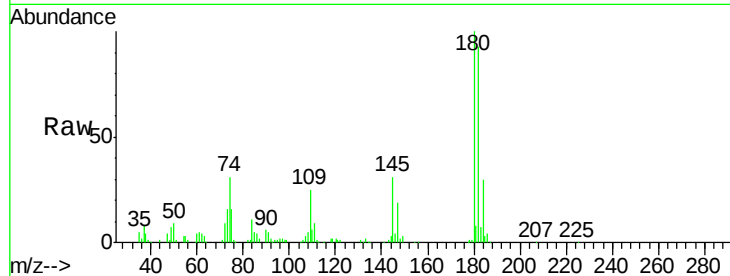




#93
 1,2,4-Trichlorobenzene
 Concen: 20.67 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

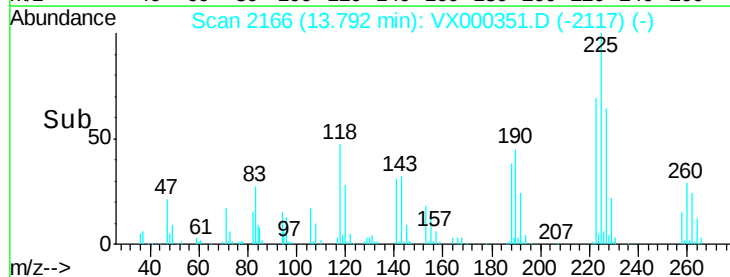
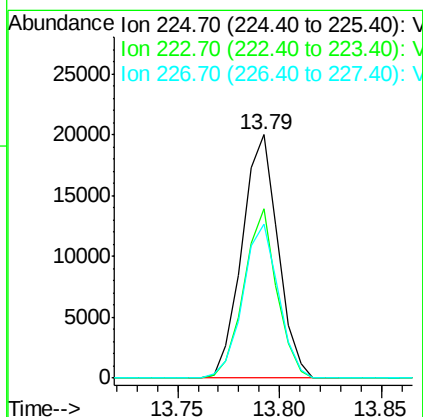
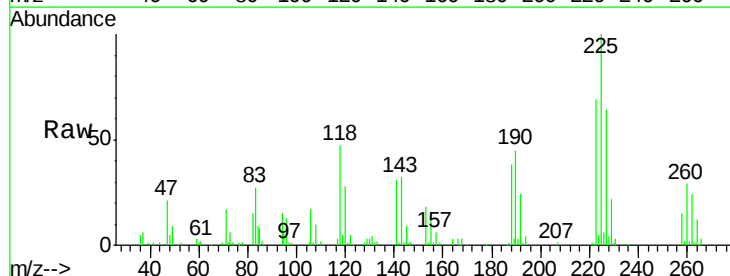
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBSD01

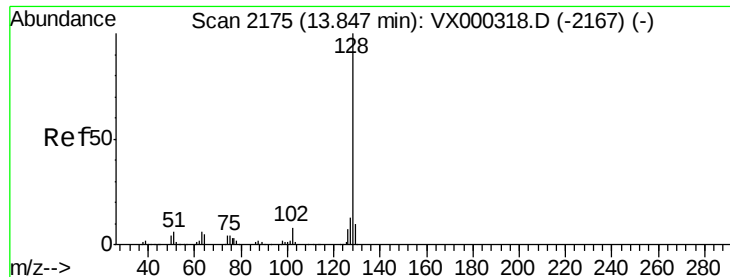
Tgt Ion:180 Resp: 58943
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.6 142.9
 145 30.0 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 21.76 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000351.D
 Acq: 16 Mar 2018 17:02

Tgt Ion:225 Resp: 24477
 Ion Ratio Lower Upper
 225 100
 223 63.9 32.0 96.0
 227 62.4 32.6 98.0





#95

Naphthalene

Concen: 22.11 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

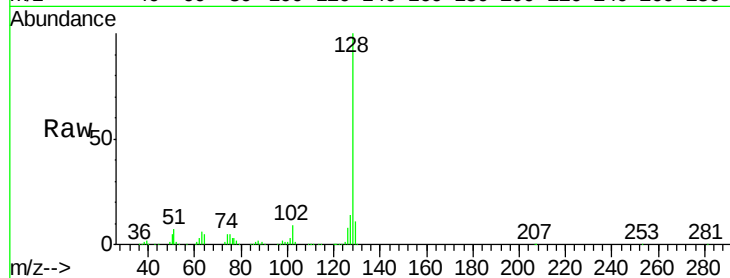
Tgt Ion:128 Resp: 218769

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

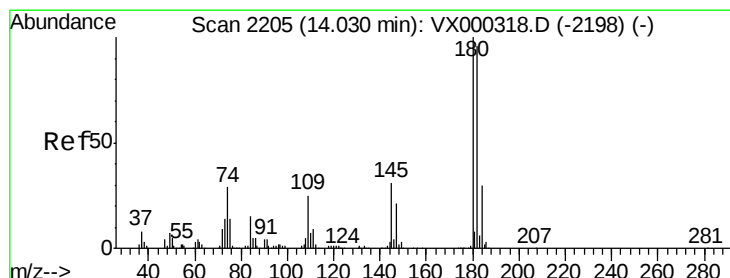
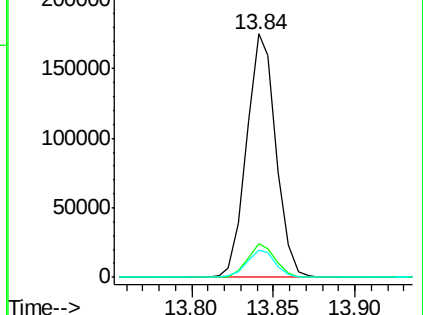
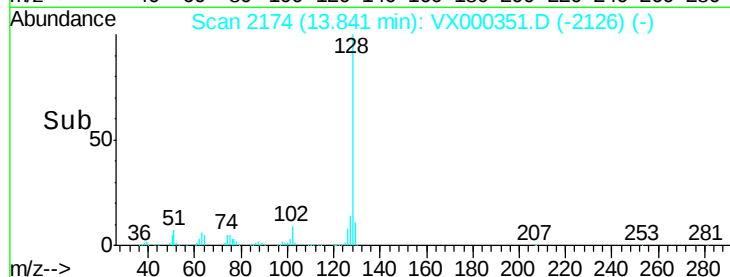
129 11.1 8.9 13.3



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: 20.24 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000351.D

Acq: 16 Mar 2018 17:02

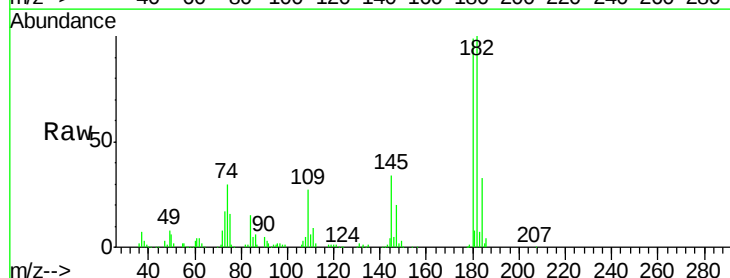
Tgt Ion:180 Resp: 58318

Ion Ratio Lower Upper

180 100

182 98.1 47.4 142.3

145 32.5 15.8 47.3



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

