

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002869.D
 Acq On : 25 Jun 2018 19:55
 Operator : JC/MD
 Sample : VX0625WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 05:25:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	373201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219288	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	183894	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	5.51	113	145777	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	8.72	98	533212	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.14	95	197087	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	46542	19.34	ug/l	98
3) Chloromethane	1.32	50	49657	19.33	ug/l	98
4) Vinyl Chloride	1.40	62	56674	18.77	ug/l	100
5) Bromomethane	1.64	94	33924	22.57	ug/l	99
6) Chloroethane	1.72	64	37184	19.70	ug/l	100
7) Trichlorofluoromethane	1.93	101	100766	19.78	ug/l	100
8) Diethyl Ether	2.19	74	37033	20.00	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55945	18.95	ug/l	98
10) Methyl Iodide	2.51	142	51669	21.34	ug/l	99
11) Tert butyl alcohol	3.08	59	80775	109.85	ug/l	97
12) 1,1-Dichloroethene	2.37	96	50530	19.19	ug/l	97
13) Acrolein	2.29	56	39935	100.54	ug/l	99
14) Allyl chloride	2.73	41	101546	19.56	ug/l	99
15) Acrylonitrile	3.15	53	163576	104.15	ug/l	100
16) Acetone	2.45	43	156289	102.24	ug/l	98
17) Carbon Disulfide	2.57	76	126607	18.04	ug/l	98
18) Methyl Acetate	2.78	43	93659	21.92	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	193267	20.41	ug/l	98
20) Methylene Chloride	2.86	84	57442	19.31	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	55460	19.33	ug/l	99
22) Diisopropyl ether	3.88	45	198076	19.96	ug/l	98
23) Vinyl Acetate	3.83	43	832188	99.03	ug/l	98
24) 1,1-Dichloroethane	3.70	63	107740	19.98	ug/l	100
25) 2-Butanone	4.71	43	238095	104.95	ug/l	97
26) 2,2-Dichloropropane	4.59	77	80624	18.38	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	64454	20.04	ug/l	98
28) Bromochloromethane	5.02	49	53630	20.77	ug/l	97
29) Tetrahydrofuran	5.17	42	151906	104.42	ug/l	97
30) Chloroform	5.22	83	111013	20.06	ug/l	98
31) Cyclohexane	5.57	56	89323	19.30	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	96316	19.78	ug/l	100
36) 1,1-Dichloropropene	5.80	75	77565	18.95	ug/l	99
37) Ethyl Acetate	4.87	43	90324	20.50	ug/l	98
38) Carbon Tetrachloride	5.79	117	85370	19.01	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002869.D
 Acq On : 25 Jun 2018 19:55
 Operator : JC/MD
 Sample : VX0625WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 05:25:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91071	19.10	ug/l	98
40) Benzene	6.15	78	234094	19.69	ug/l	99
41) Methacrylonitrile	5.07	41	52089	20.53	ug/l	99
42) 1,2-Dichloroethane	6.20	62	95537	19.89	ug/l	99
43) Isopropyl Acetate	6.47	43	145642	19.71	ug/l	99
44) Trichloroethene	7.21	130	67909	19.15	ug/l	99
45) 1,2-Dichloropropane	7.52	63	61378	19.46	ug/l	99
46) Dibromomethane	7.66	93	42495	19.41	ug/l	98
47) Bromodichloromethane	7.90	83	79046	19.53	ug/l	100
48) Methyl methacrylate	7.78	41	76073	19.98	ug/l	97
49) 1,4-Dioxane	7.76	88	30417	410.56	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	481137	104.06	ug/l	99
52) Toluene	8.79	92	150192	19.72	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	88764	19.37	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	83693	18.98	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	63289	20.22	ug/l	97
56) Ethyl methacrylate	9.18	69	89649	19.60	ug/l	98
57) 1,3-Dichloropropane	9.38	76	101770	19.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	224943	101.92	ug/l	99
59) 2-Hexanone	9.50	43	371006	105.58	ug/l	99
60) Dibromochloromethane	9.59	129	63645	19.31	ug/l	99
61) 1,2-Dibromoethane	9.68	107	64949	19.78	ug/l	99
64) Tetrachloroethene	9.34	164	75327	19.21	ug/l	96
65) Chlorobenzene	10.14	112	175364	19.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63490	19.51	ug/l	100
67) Ethyl Benzene	10.26	91	293734	19.85	ug/l	99
68) m/p-Xylenes	10.36	106	226653	39.74	ug/l	99
69) o-Xylene	10.70	106	109647	19.75	ug/l	100
70) Styrene	10.71	104	179309	19.87	ug/l	99
71) Bromoform	10.86	173	48214	19.02	ug/l	99
73) Isopropylbenzene	11.02	105	300756	20.39	ug/l	100
74) N-amyl acetate	6.47	43	145642	20.18	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91952	20.23	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	103399	26.03	ug/l	82
77) Bromobenzene	11.26	156	82000	19.52	ug/l	99
78) n-propylbenzene	11.37	91	339029	20.19	ug/l	100
79) 2-Chlorotoluene	11.43	91	204971	20.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	252524	20.32	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21970	18.33	ug/l	90
82) 4-Chlorotoluene	11.51	91	239709	19.92	ug/l	100
83) tert-Butylbenzene	11.77	119	250297	20.44	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	261115	20.28	ug/l	99
85) sec-Butylbenzene	11.95	105	299967	20.19	ug/l	99
86) p-Isopropyltoluene	12.07	119	268146	20.08	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	151831	19.79	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	153743	19.47	ug/l	100
89) n-Butylbenzene	12.39	91	226774	19.51	ug/l	99
90) Hexachloroethane	12.60	117	38702	19.48	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	155022	20.02	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19865	19.45	ug/l	96

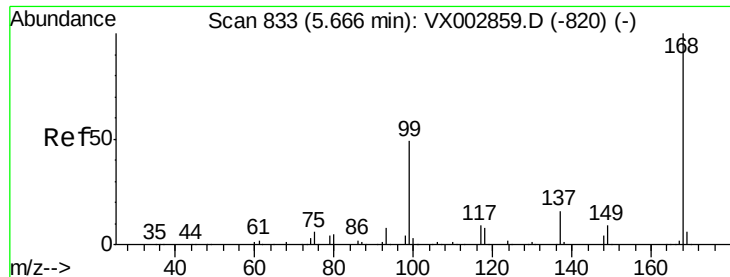
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062518\
Data File : VX002869.D
Acq On : 25 Jun 2018 19:55
Operator : JC/MD
Sample : VX0625WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 27 05:25:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109935	19.51	ug/l	99
94) Hexachlorobutadiene	13.79	225	55443	19.72	ug/l	99
95) Naphthalene	13.84	128	311163	20.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112622	20.01	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

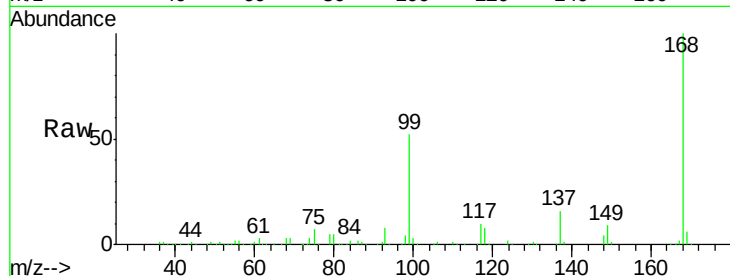
ClientSampleId :

Tot Ion:168 Resp: 267043

Ion Ratio Lower Upper

168 100

99 51.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

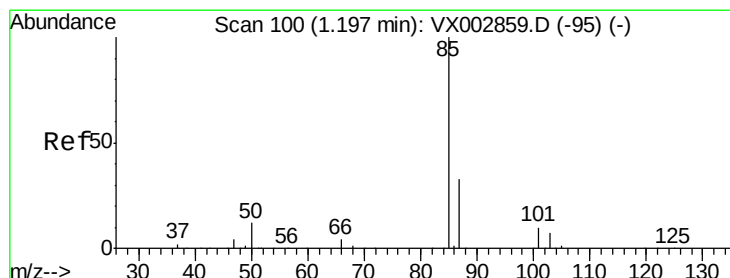
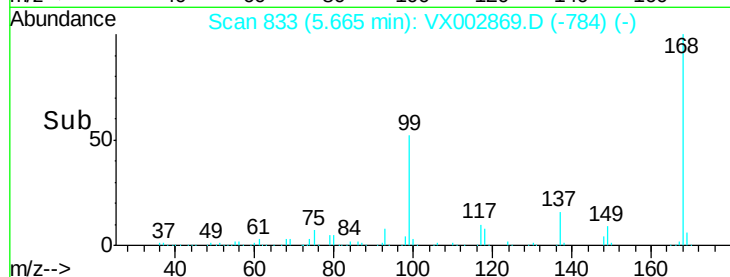
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.34 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002869.D

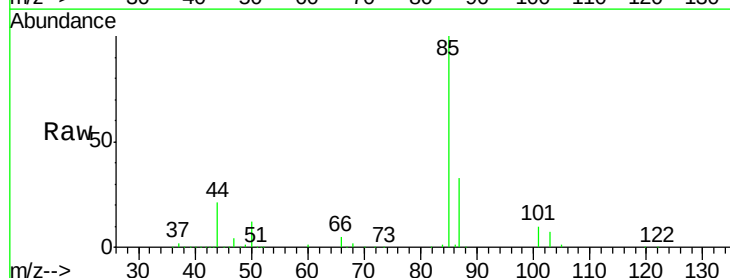
Acq: 25 Jun 2018 19:55

Tgt Ion: 85 Resp: 46542

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

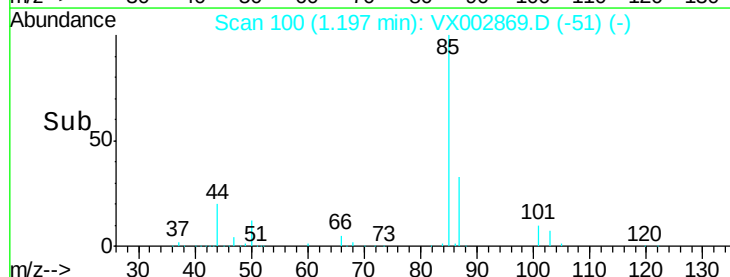
20000

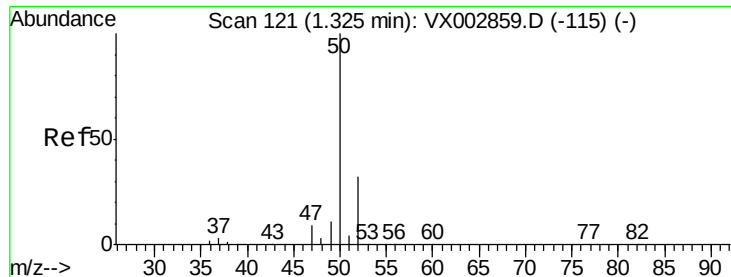
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.33 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

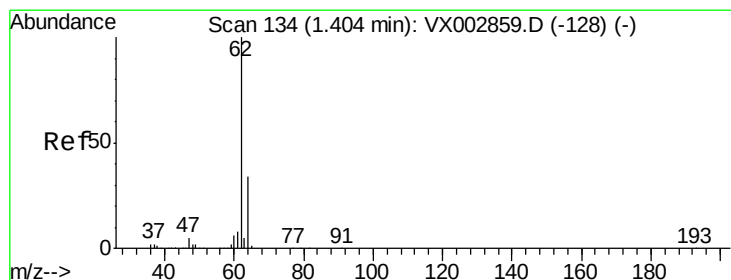
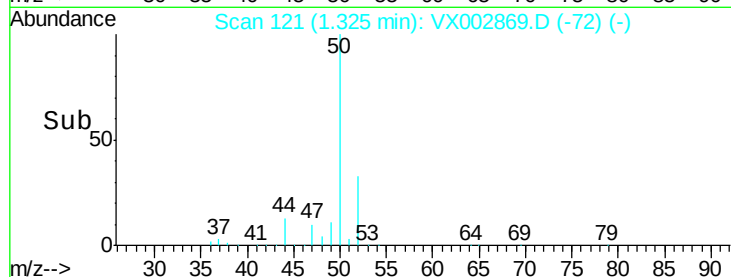
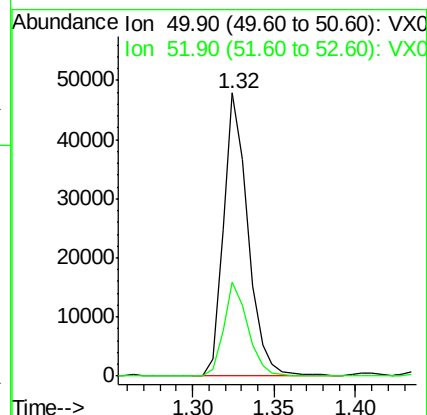
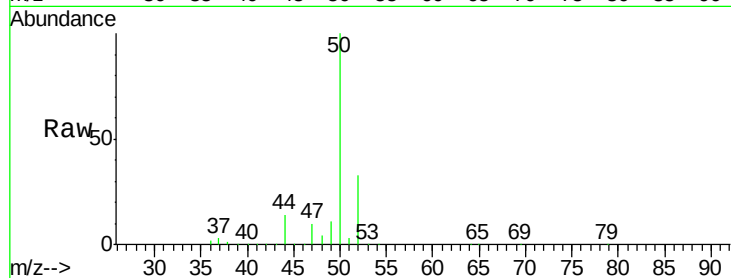
ClientSampleId :

Tot Ion: 50 Resp: 49657

Ion Ratio Lower Upper

50 100

52 33.1 25.7 38.5



#4

Vinyl Chloride

Concen: 18.77 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002869.D

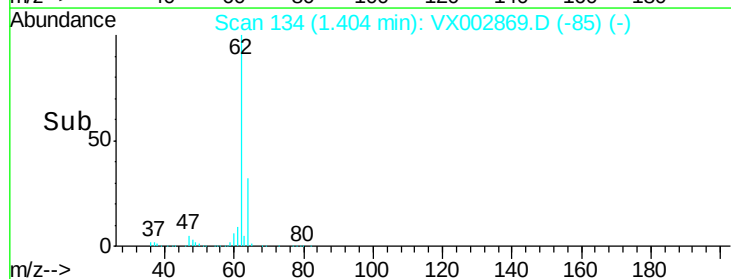
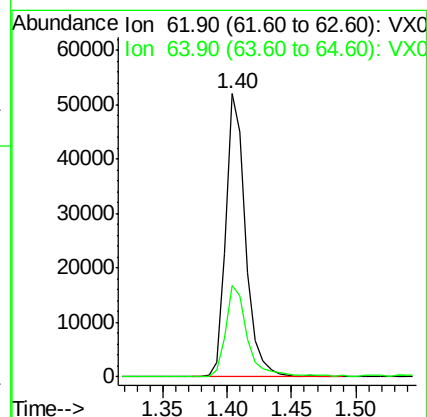
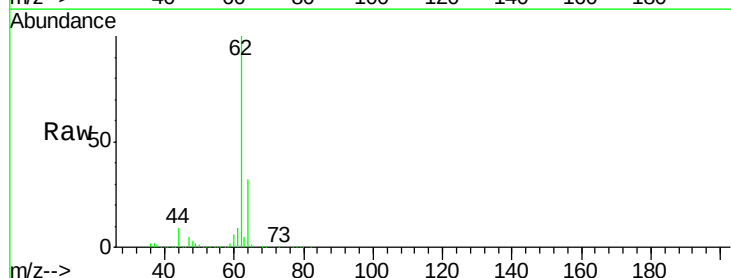
Acq: 25 Jun 2018 19:55

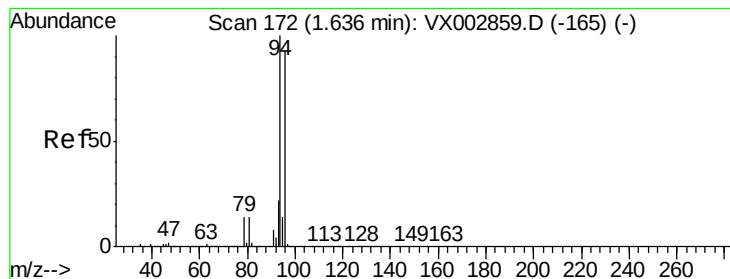
Tgt Ion: 62 Resp: 56674

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: 22.57 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

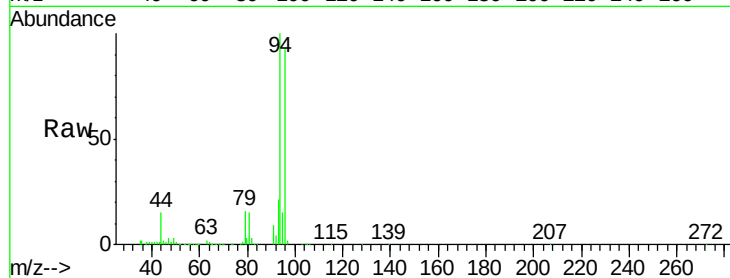
ClientSampleId :

Tot Ion: 94 Resp: 33924

Ion Ratio Lower Upper

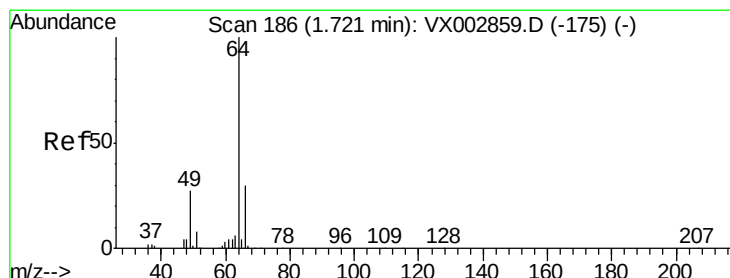
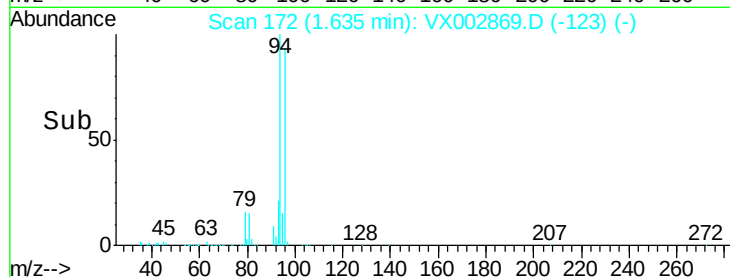
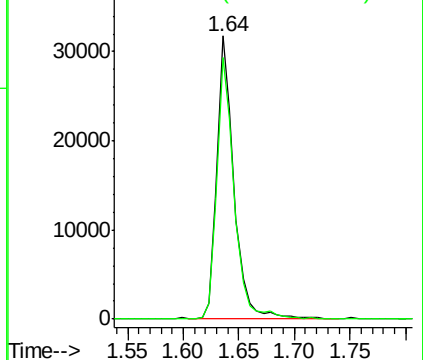
94 100

96 92.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.70 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002869.D

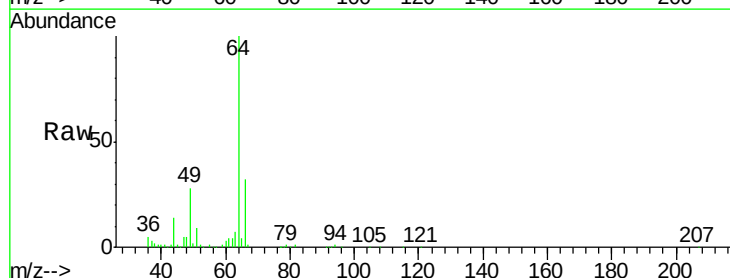
Acq: 25 Jun 2018 19:55

Tgt Ion: 64 Resp: 37184

Ion Ratio Lower Upper

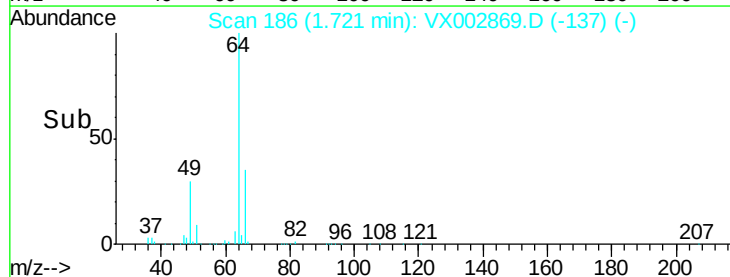
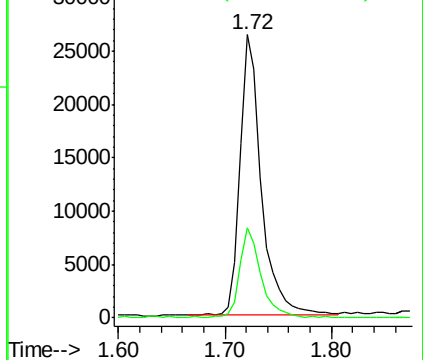
64 100

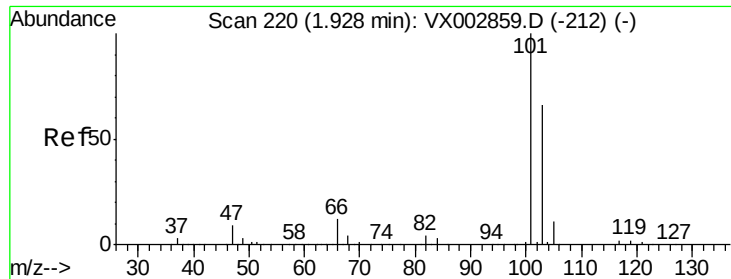
66 32.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



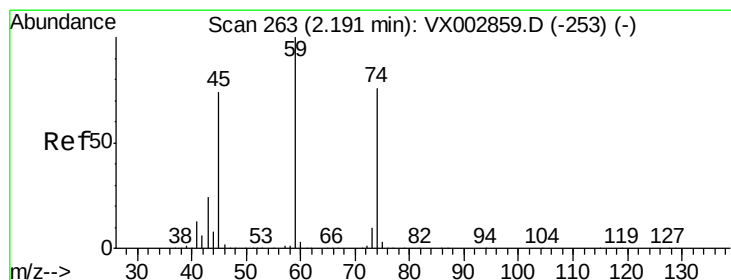
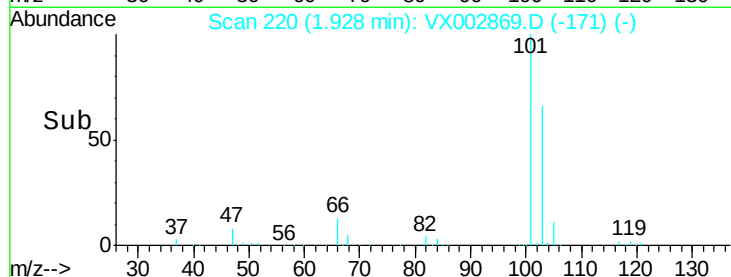
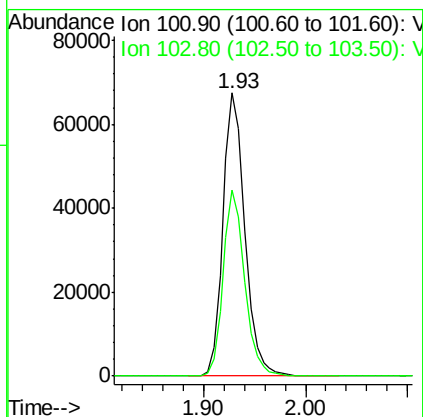
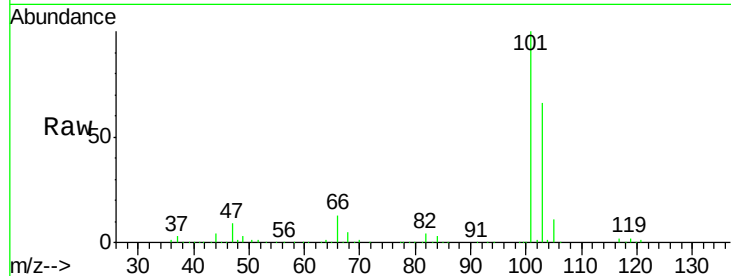


#7

Trichlorofluoromethane
Concen: 19.78 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Instrument :
MSVOA_X
ClientSampleId :

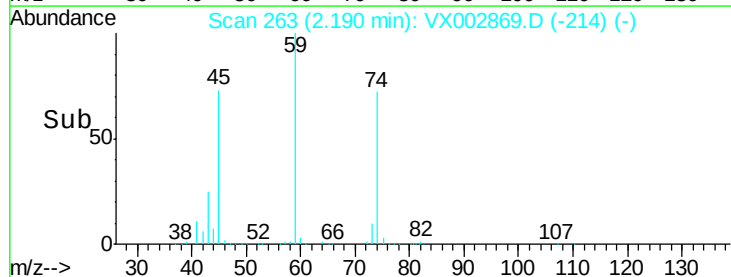
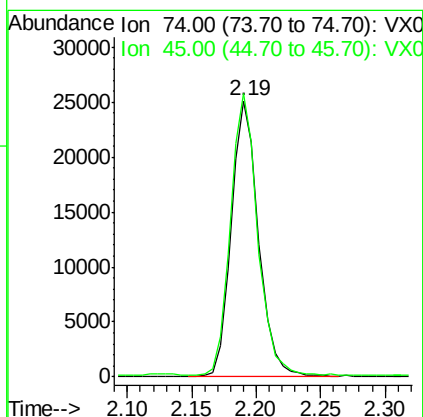
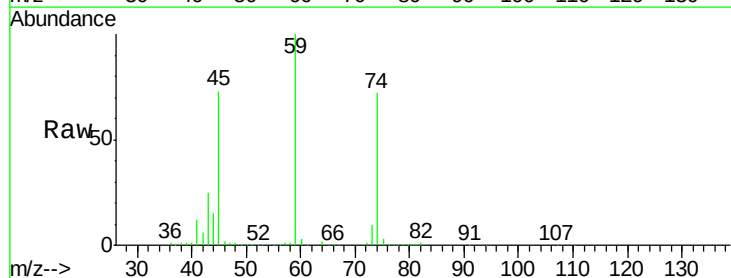
Tot Ion:101 Resp: 100766
Ion Ratio Lower Upper
101 100
103 65.8 52.8 79.2

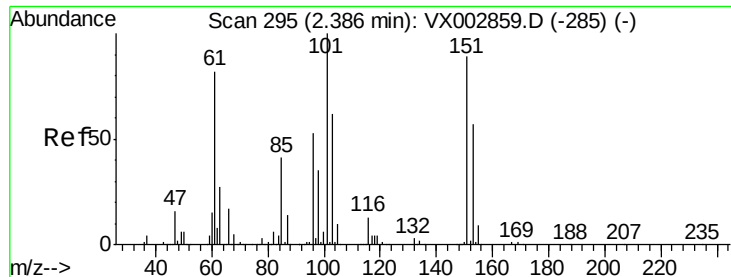


#8

Diethyl Ether
Concen: 20.00 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion: 74 Resp: 37033
Ion Ratio Lower Upper
74 100
45 102.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.95 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

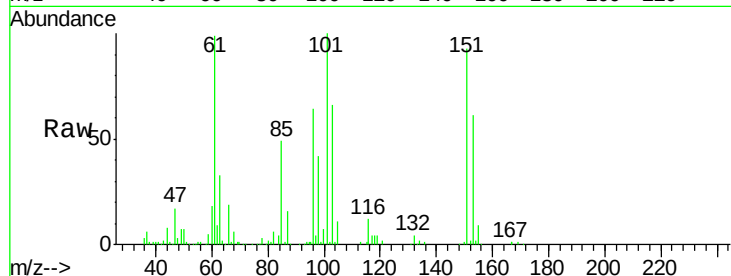
Tot Ion:101 Resp: 55945

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

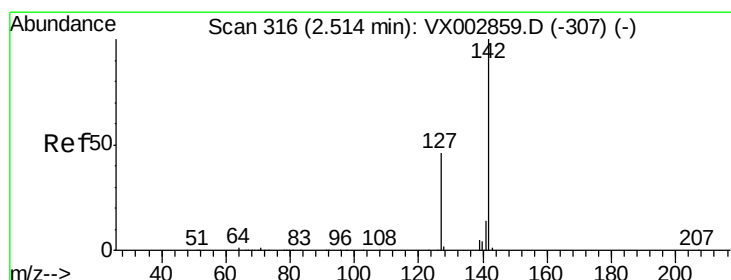
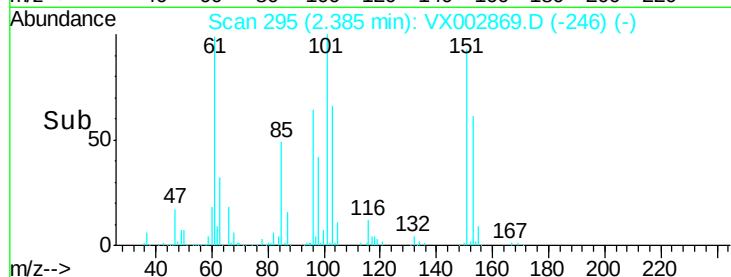
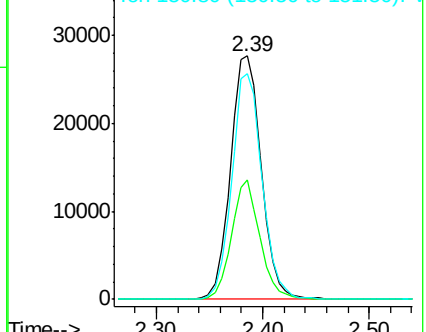
151 91.5 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.34 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

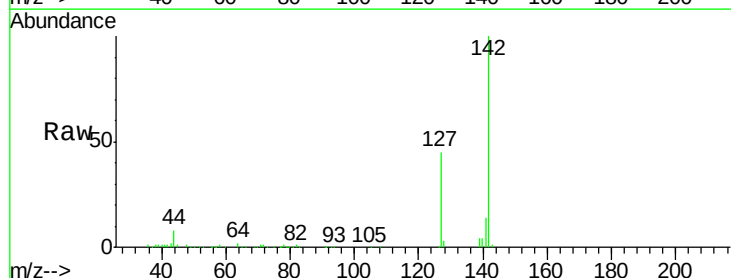
Tgt Ion:142 Resp: 51669

Ion Ratio Lower Upper

142 100

127 44.9 36.6 55.0

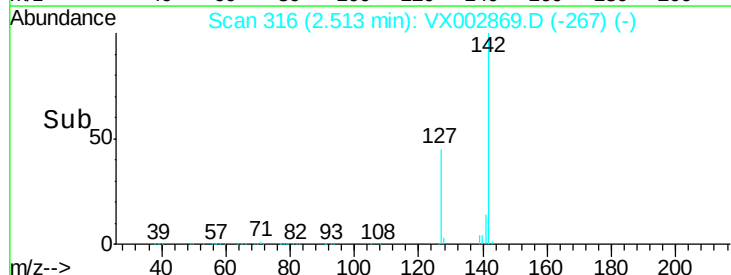
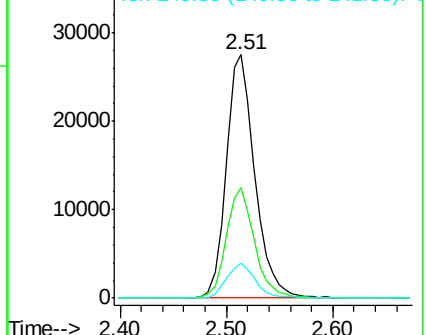
141 14.5 11.3 16.9

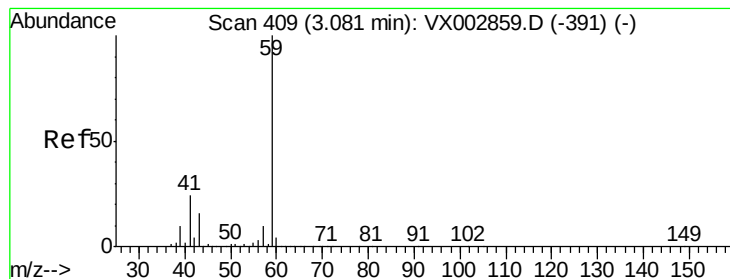


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



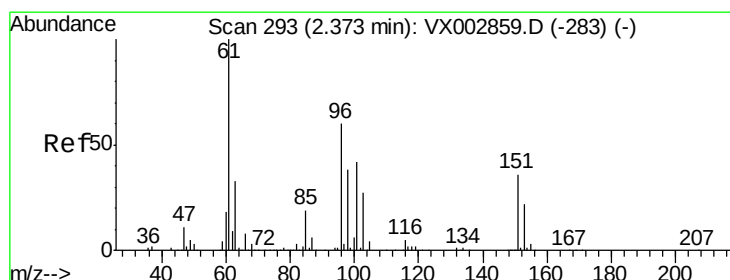
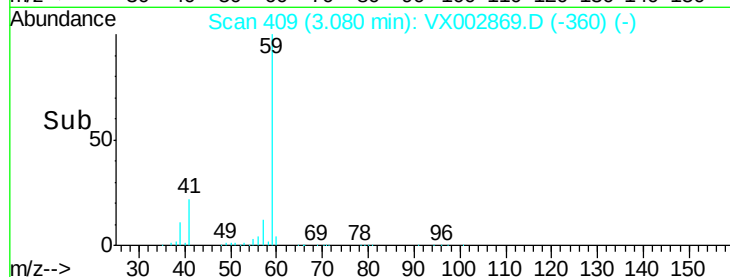
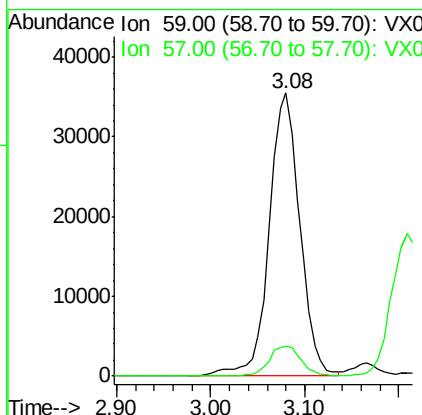
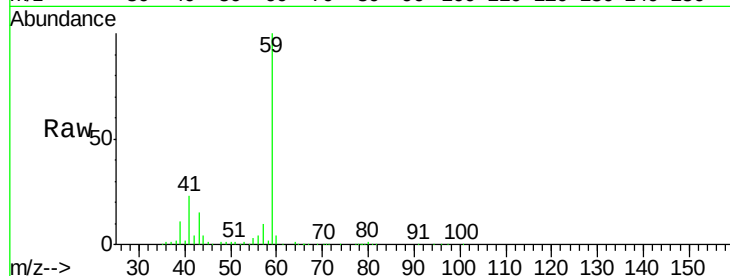


#11

Tert butyl alcohol
Concen: 109.85 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Instrument :
MSVOA_X
ClientSampleId :

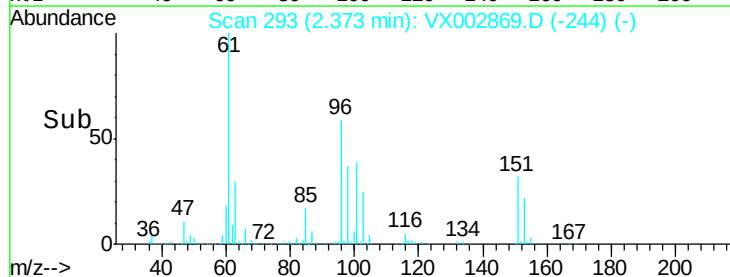
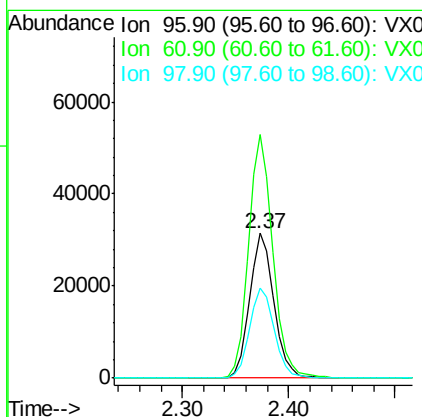
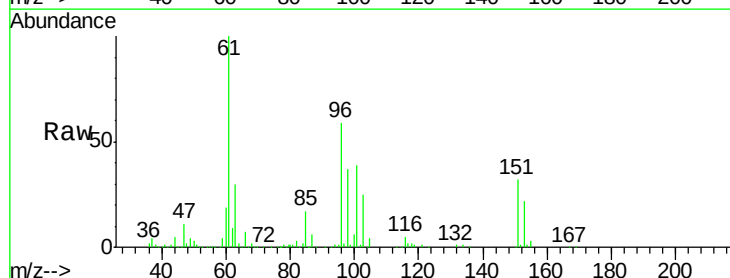
Tot Ion: 59 Resp: 80775
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.2

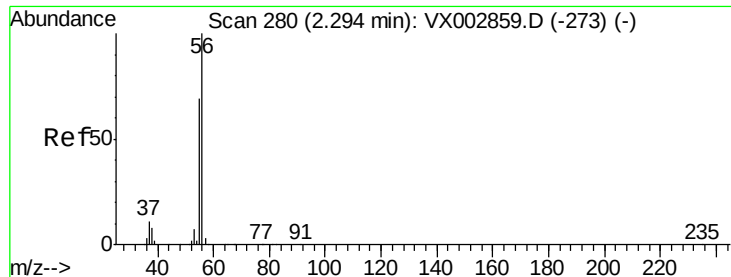


#12

1,1-Dichloroethene
Concen: 19.19 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion: 96 Resp: 50530
Ion Ratio Lower Upper
96 100
61 168.3 137.9 206.9
98 62.2 51.6 77.4





#13

Acrolein

Concen: 100.54 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

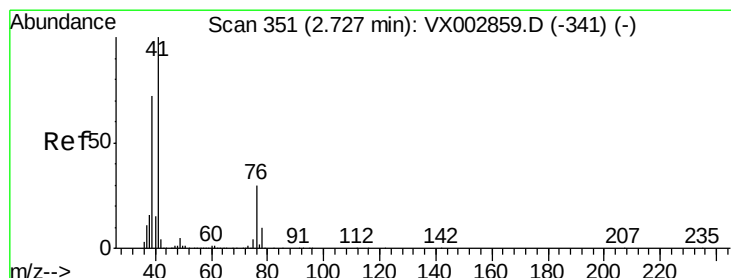
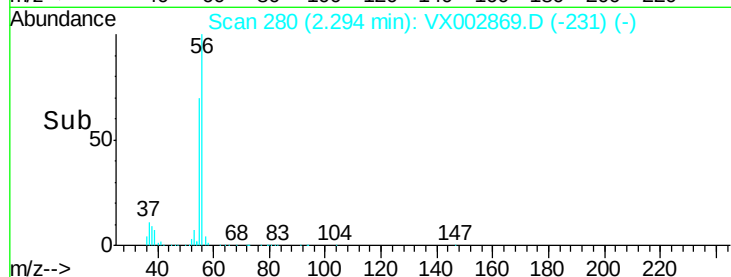
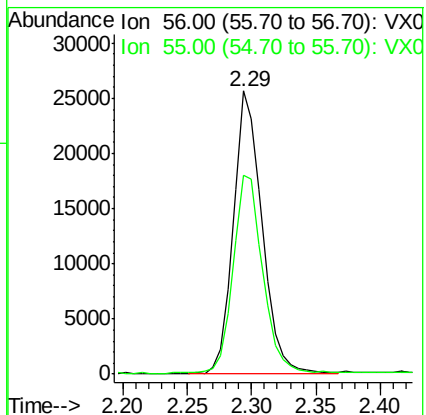
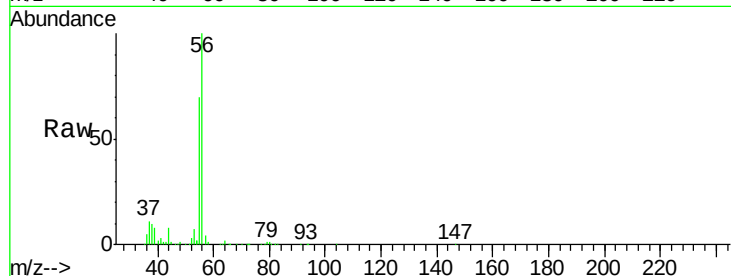
ClientSampleId :

Tot Ion: 56 Resp: 39935

Ion Ratio Lower Upper

56 100

55 72.4 57.0 85.4



#14

Allyl chloride

Concen: 19.56 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

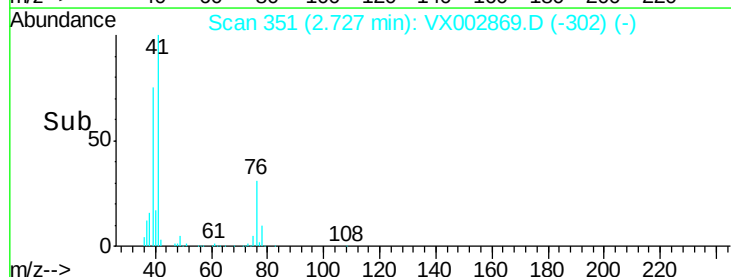
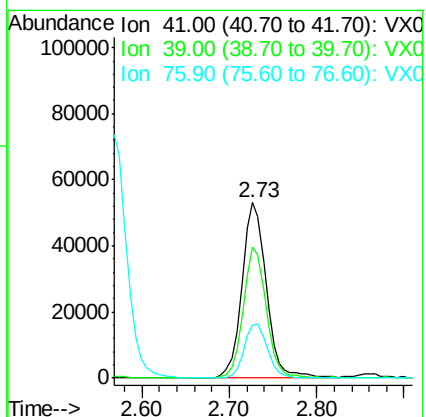
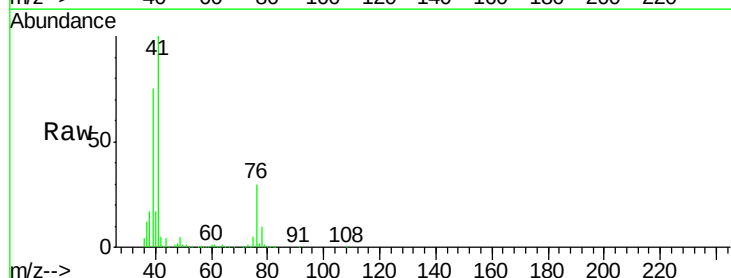
Tgt Ion: 41 Resp: 101546

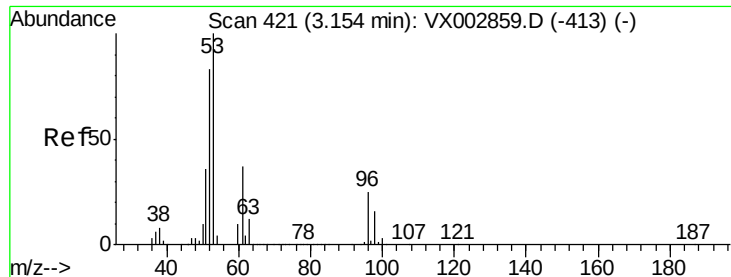
Ion Ratio Lower Upper

41 100

39 69.8 56.8 85.2

76 30.0 23.8 35.8





#15

Acrylonitrile

Concen: 104.15 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

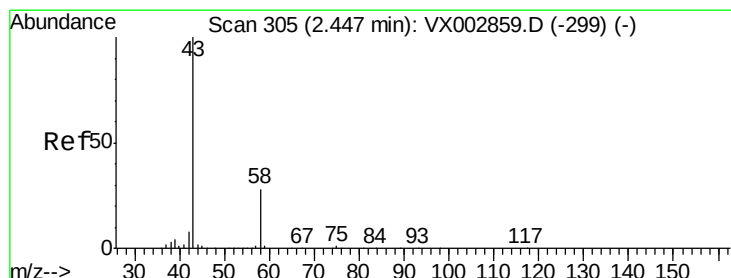
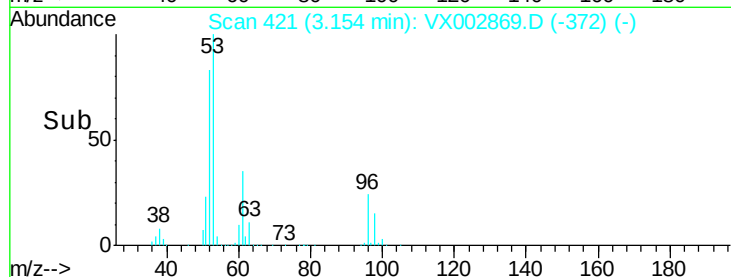
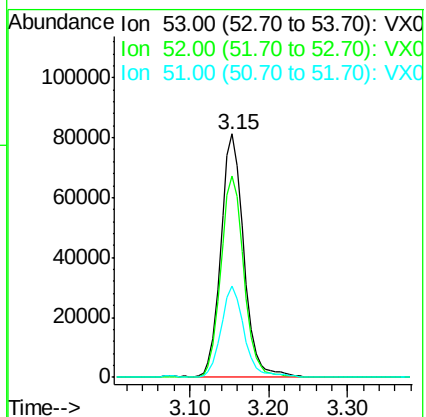
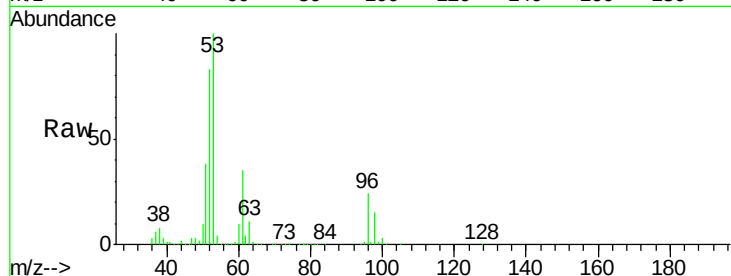
Tot Ion: 53 Resp: 163576

Ion Ratio Lower Upper

53 100

52 83.1 66.7 100.1

51 37.3 29.9 44.9



#16

Acetone

Concen: 102.24 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002869.D

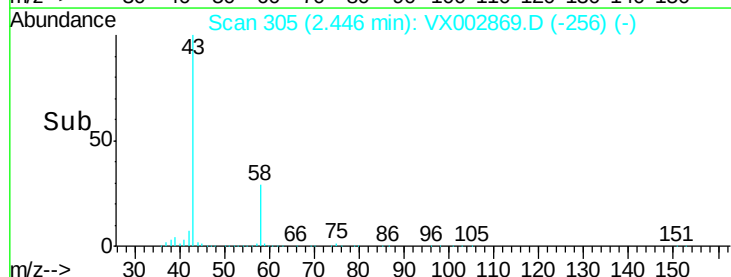
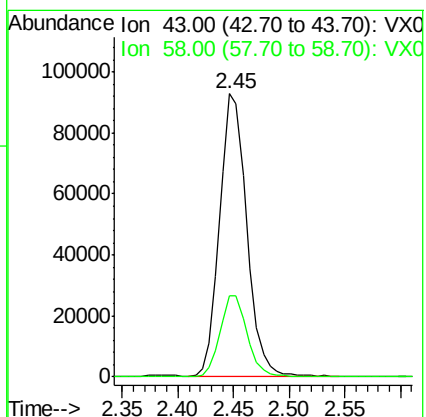
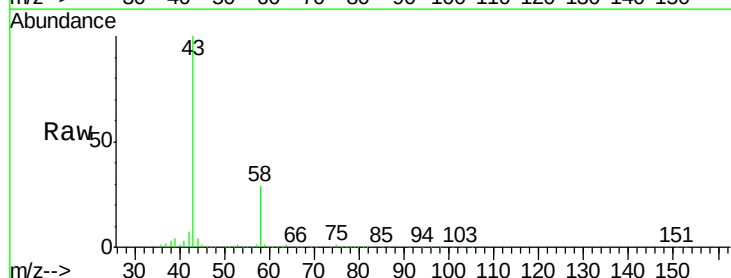
Acq: 25 Jun 2018 19:55

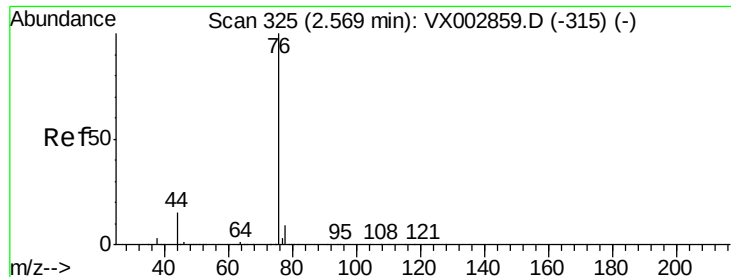
Tgt Ion: 43 Resp: 156289

Ion Ratio Lower Upper

43 100

58 28.8 22.1 33.1

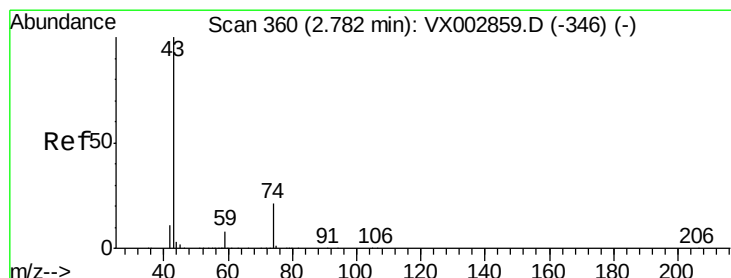
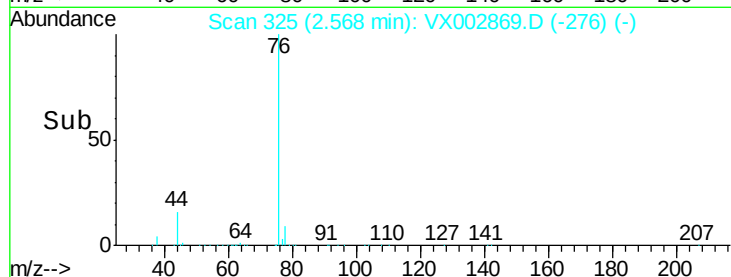
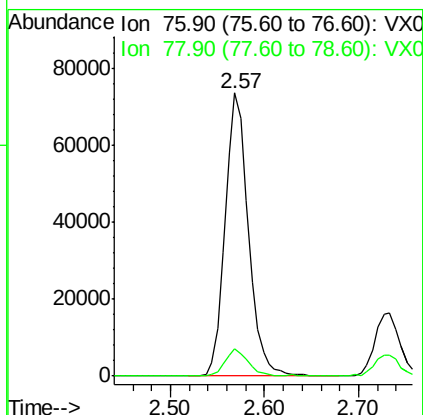
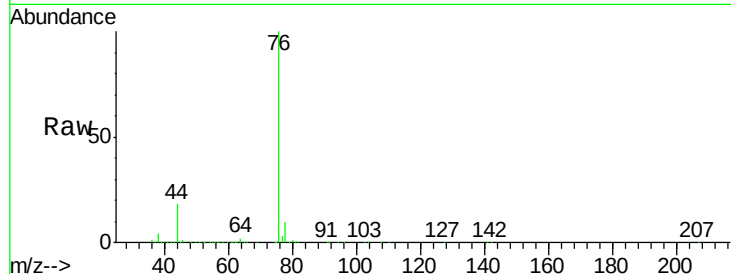




#17
Carbon Disulfide
Concen: 18.04 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

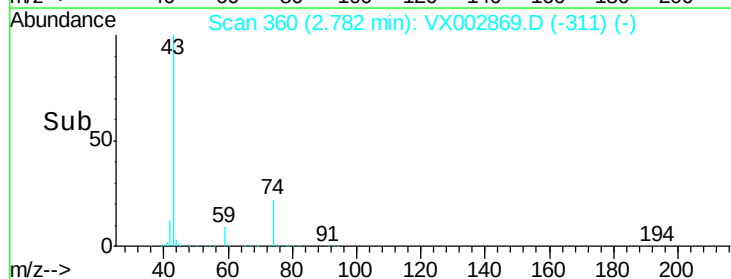
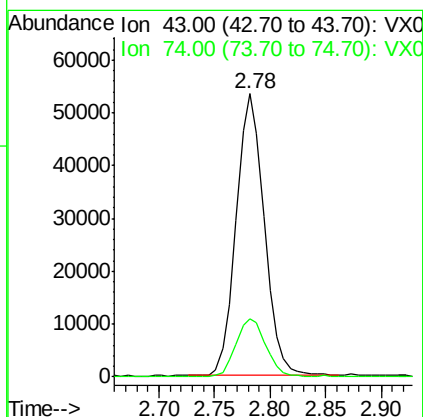
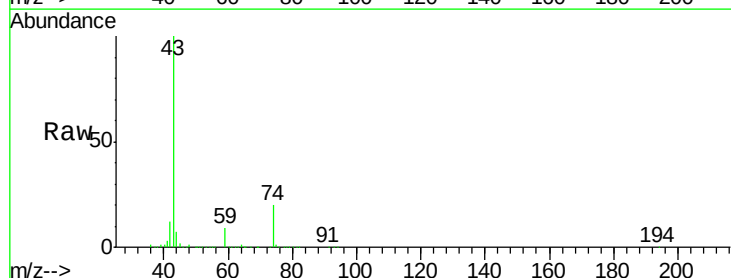
Instrument :
MSVOA_X
ClientSampled :

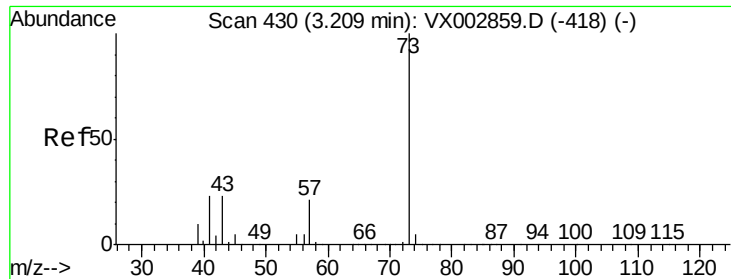
Tot Ion: 76 Resp: 126607
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 21.92 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion: 43 Resp: 93659
Ion Ratio Lower Upper
43 100
74 21.8 16.7 25.1

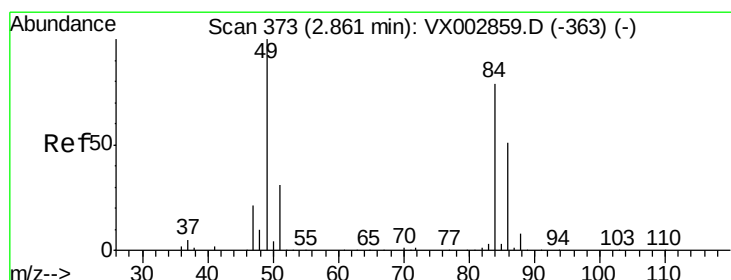
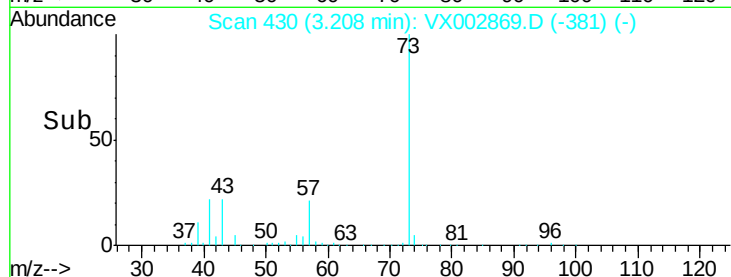
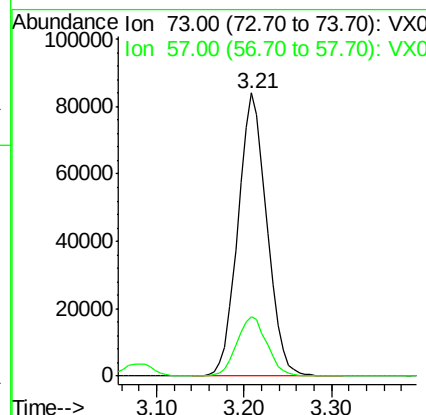
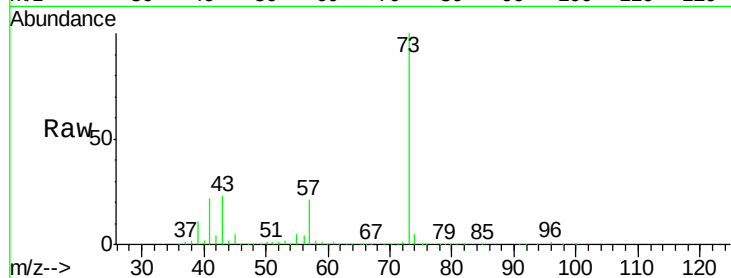




#19
Methyl tert-butyl Ether
Concen: 20.41 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

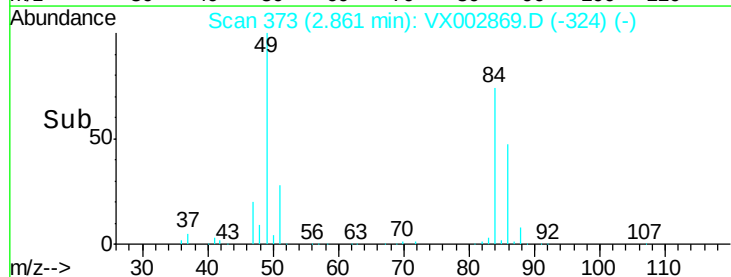
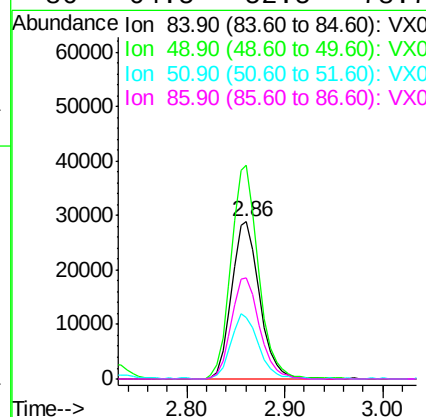
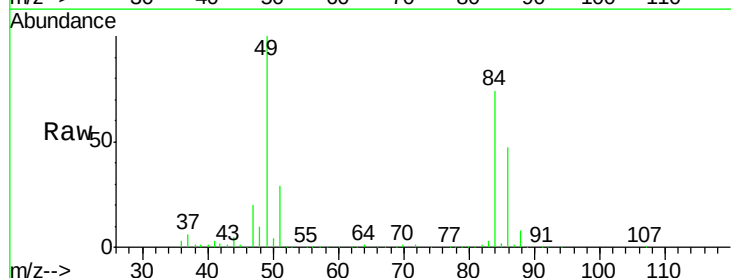
Instrument :
MSVOA_X
ClientSampleId :

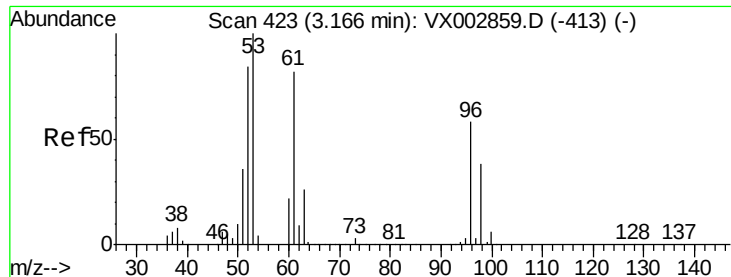
Tot Ion: 73 Resp: 193267
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5



#20
Methylene Chloride
Concen: 19.31 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion: 84 Resp: 57442
Ion Ratio Lower Upper
84 100
49 135.8 107.8 161.6
51 38.8 32.8 49.2
86 64.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.33 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

ClientSampled :

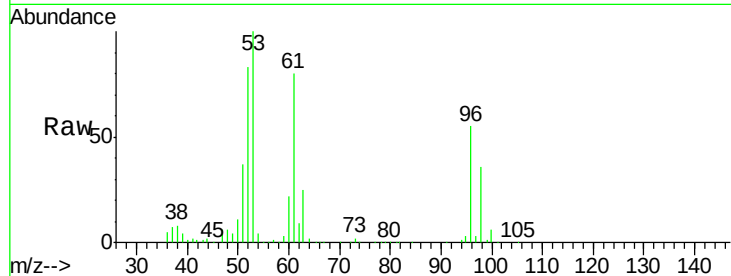
Tot Ion: 96 Resp: 55460

Ion Ratio Lower Upper

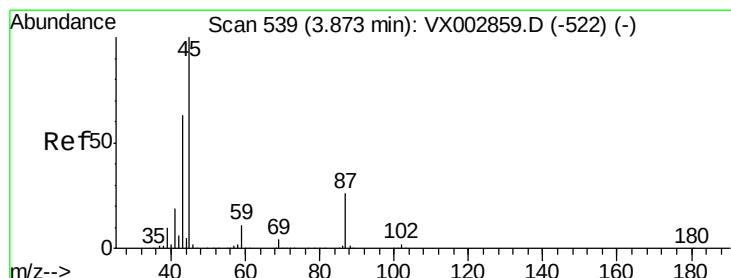
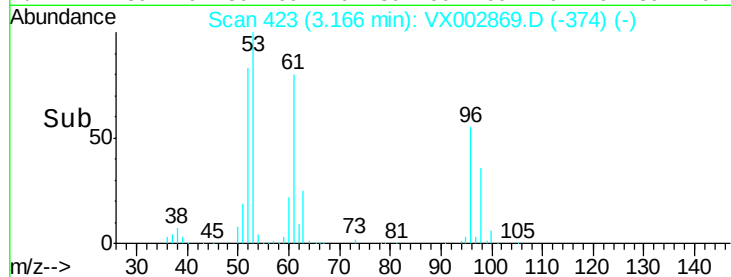
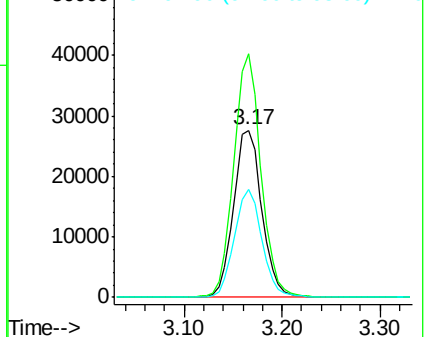
96 100

61 145.1 117.0 175.4

98 64.7 52.4 78.6



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



#22

Diisopropyl ether

Concen: 19.96 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Tgt Ion: 45 Resp: 198076

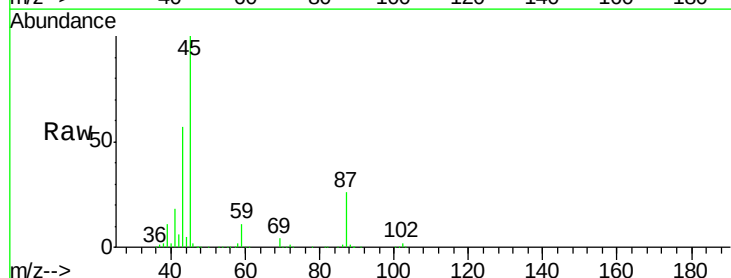
Ion Ratio Lower Upper

45 100

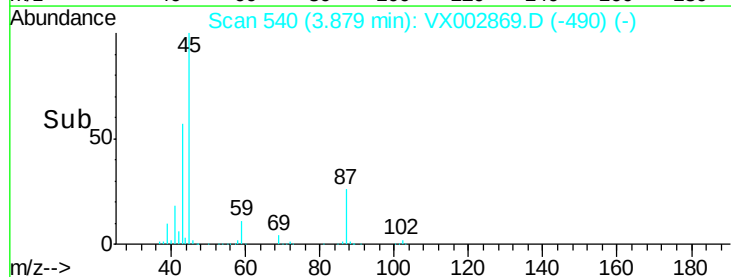
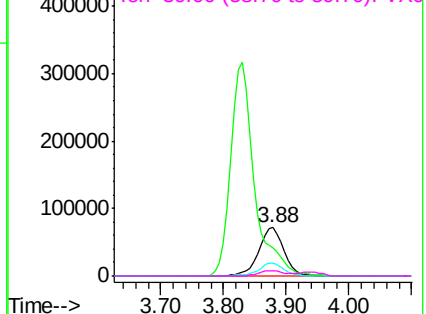
43 57.2 46.8 70.2

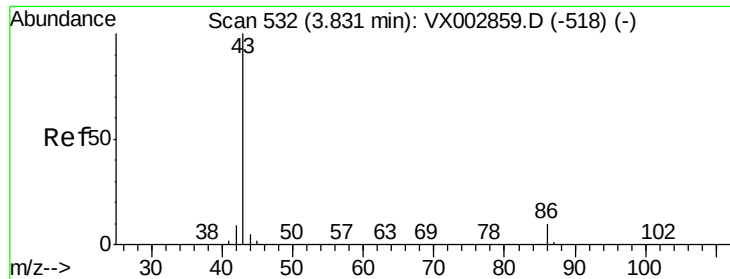
87 26.1 20.2 30.4

59 10.7 8.7 13.1



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: 99.03 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

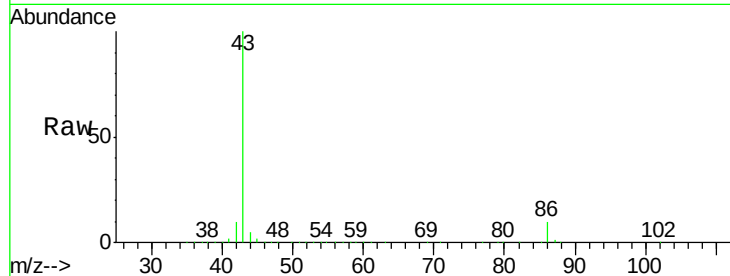
ClientSampleId :

Tot Ion: 43 Resp: 832188

Ion Ratio Lower Upper

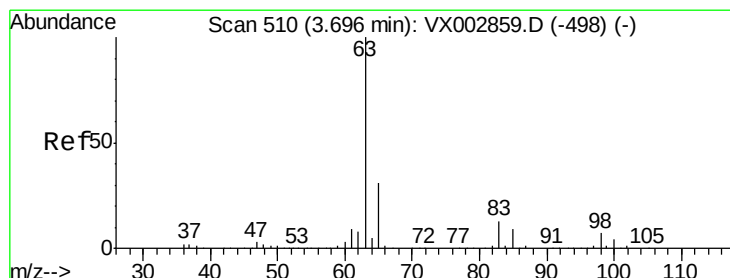
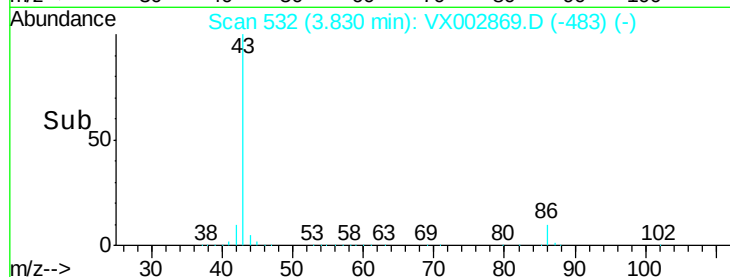
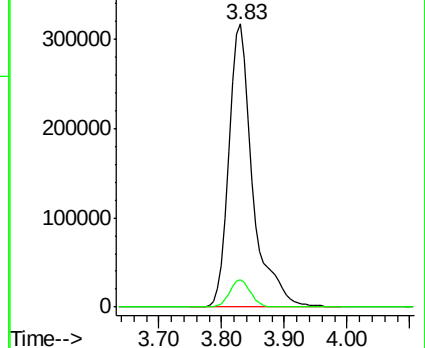
43 100

86 9.9 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.98 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

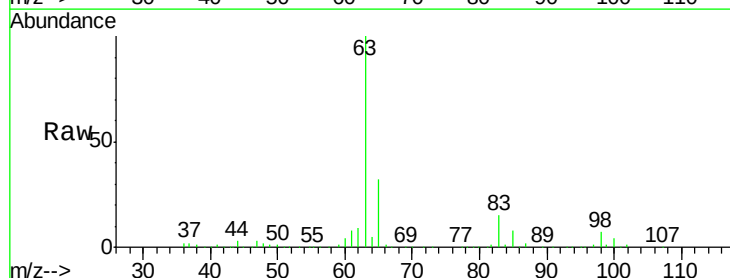
Tgt Ion: 63 Resp: 107740

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

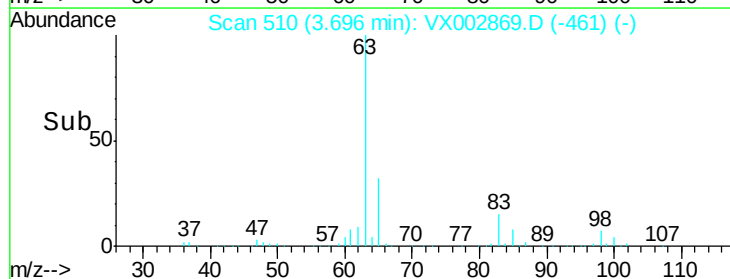
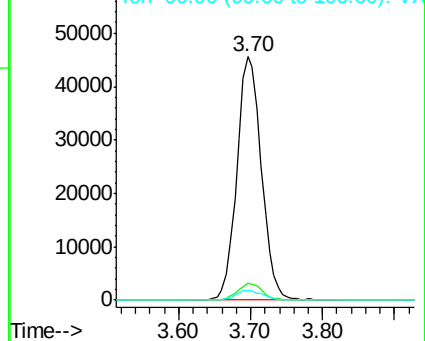
100 4.1 2.0 6.0

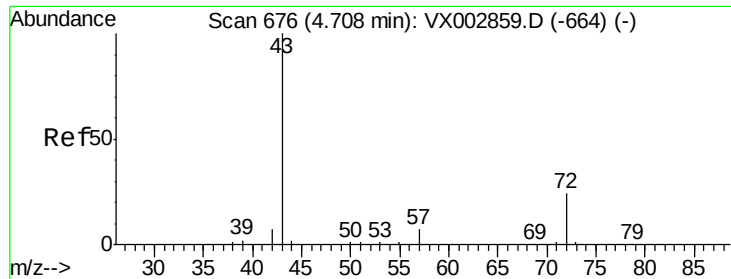


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.95 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

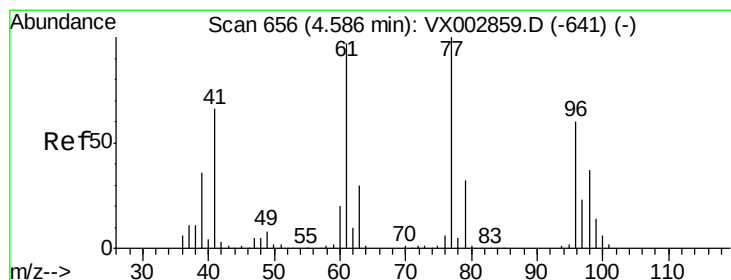
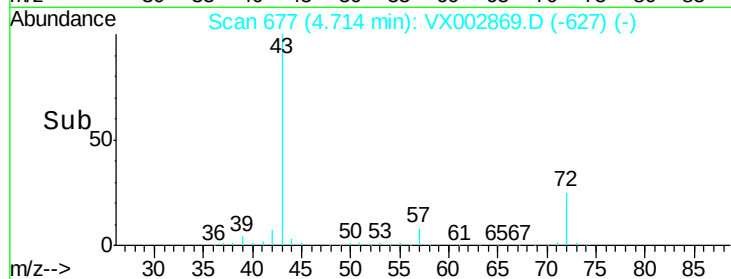
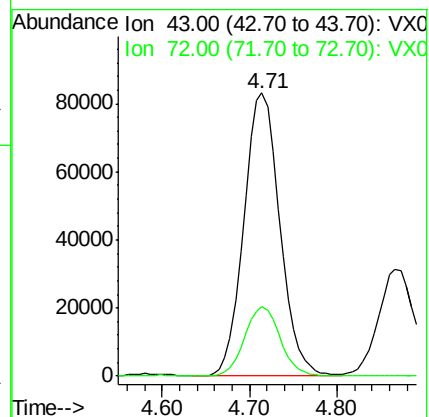
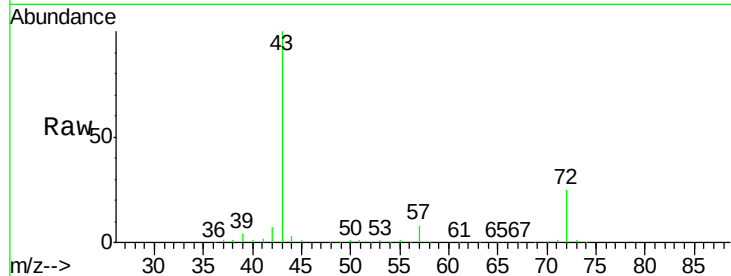
ClientSampled :

Tot Ion: 43 Resp: 238095

Ion Ratio Lower Upper

43 100

72 24.3 18.5 27.7



#26

2,2-Dichloropropane

Concen: 18.38 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002869.D

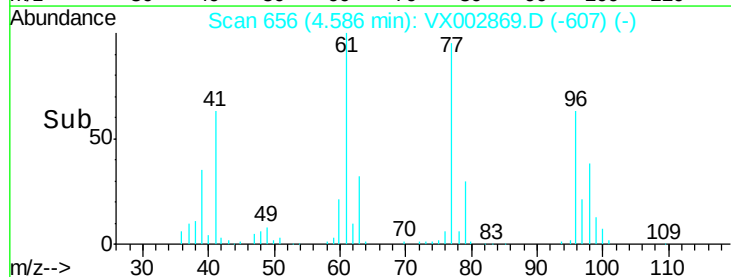
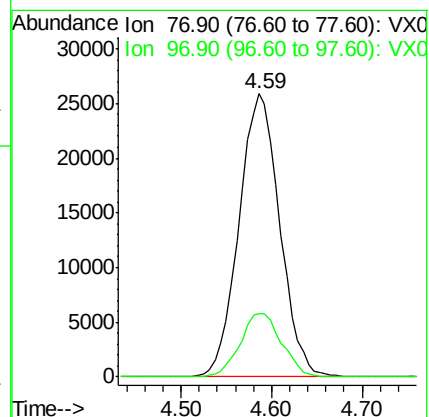
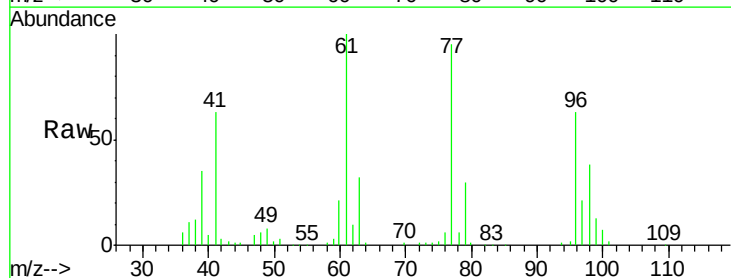
Acq: 25 Jun 2018 19:55

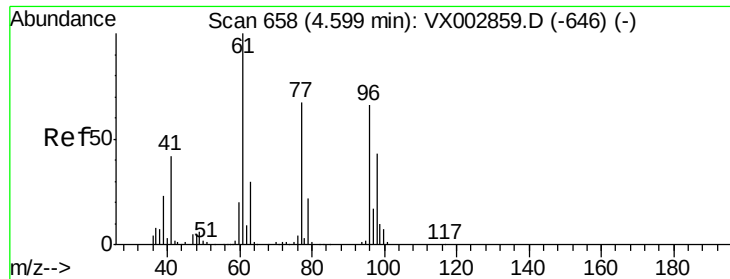
Tgt Ion: 77 Resp: 80624

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 20.04 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :
MSVOA_X
ClientSampled :

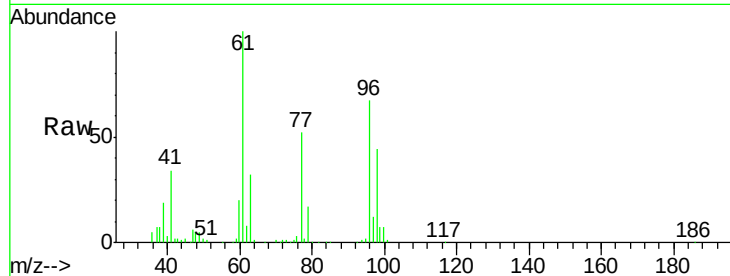
Tot Ion: 96 Resp: 64454

Ion Ratio Lower Upper

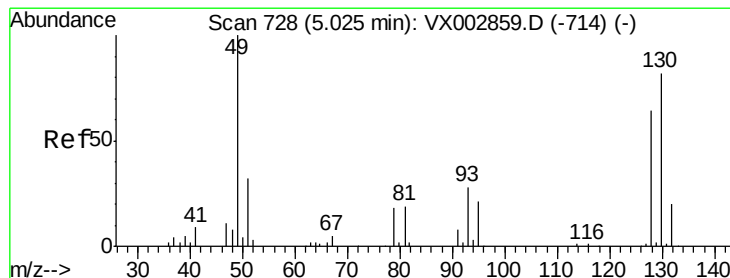
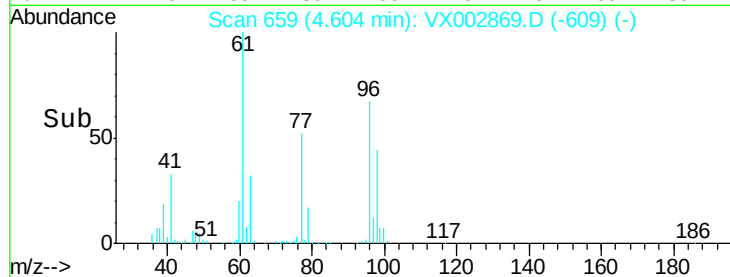
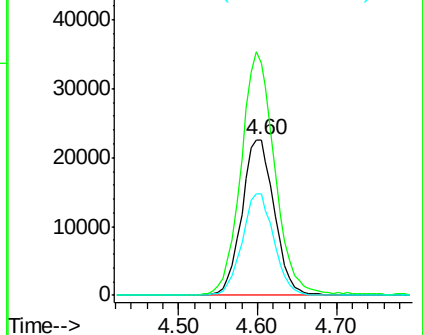
96 100

61 161.4 0.0 330.2

98 63.8 0.0 130.2



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



#28

Bromochloromethane

Concen: 20.77 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

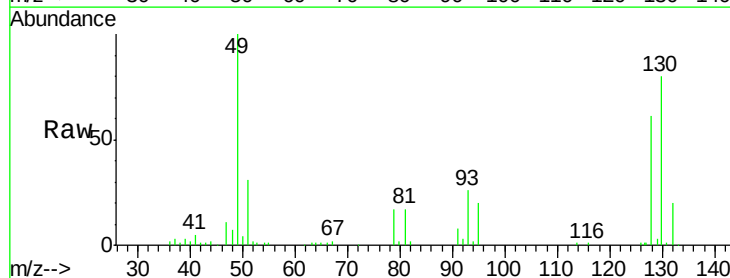
Tgt Ion: 49 Resp: 53630

Ion Ratio Lower Upper

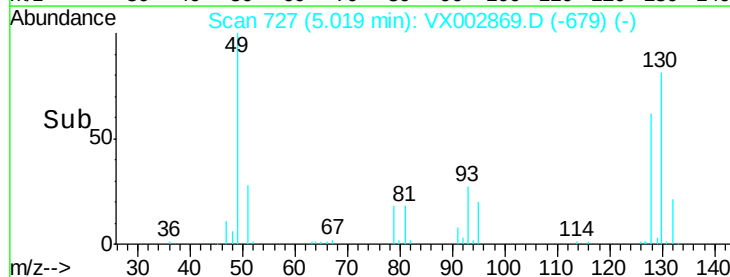
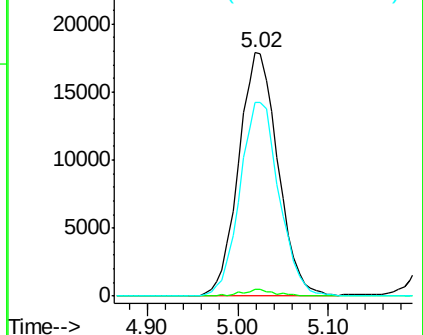
49 100

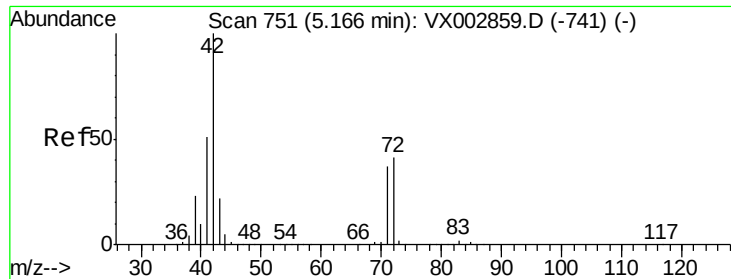
129 2.3 0.0 4.2

130 79.5 61.2 91.8



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

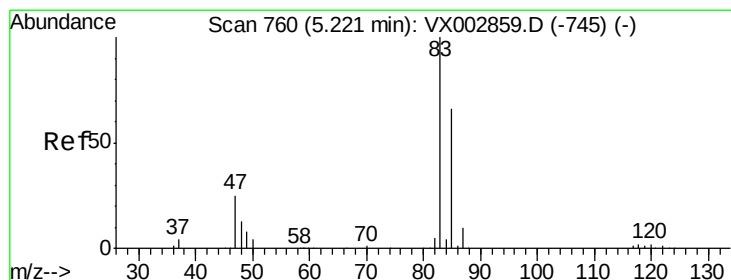
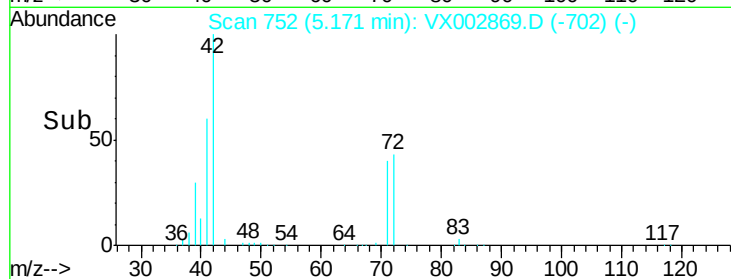
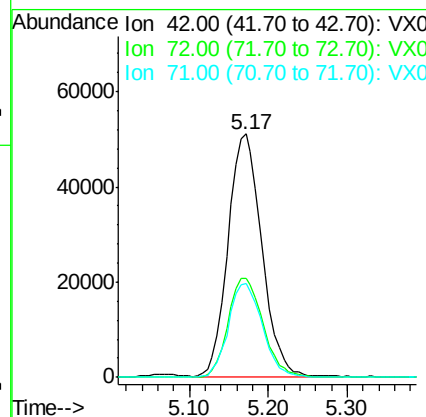
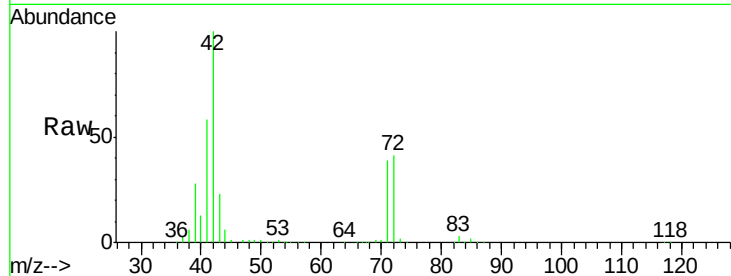




#29
Tetrahydrofuran
Concen: 104.42 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

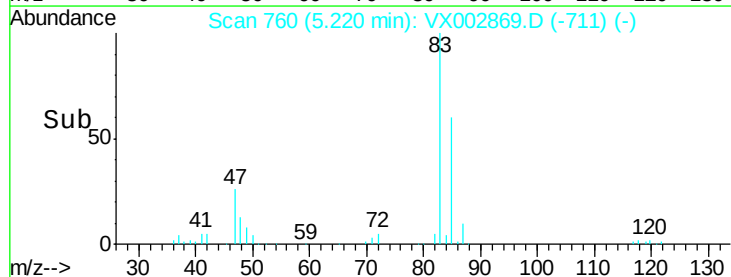
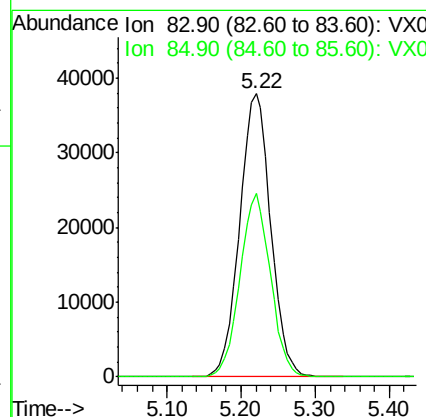
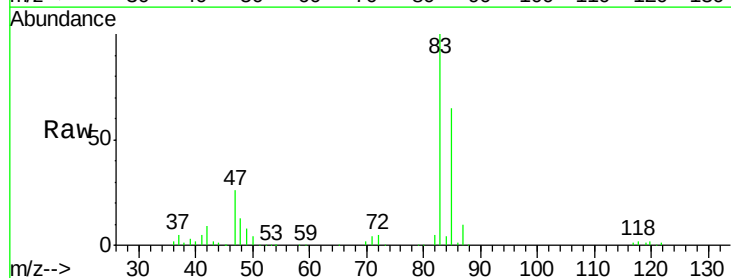
Instrument :
MSVOA_X
ClientSampleId :

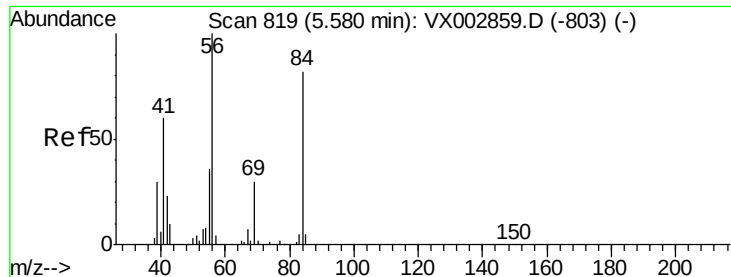
Tot Ion: 42 Resp: 151906
Ion Ratio Lower Upper
42 100
72 42.2 32.0 48.0
71 39.0 30.1 45.1



#30
Chloroform
Concen: 20.06 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion: 83 Resp: 111013
Ion Ratio Lower Upper
83 100
85 64.9 50.4 75.6





#31

Cyclohexane

Concen: 19.30 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

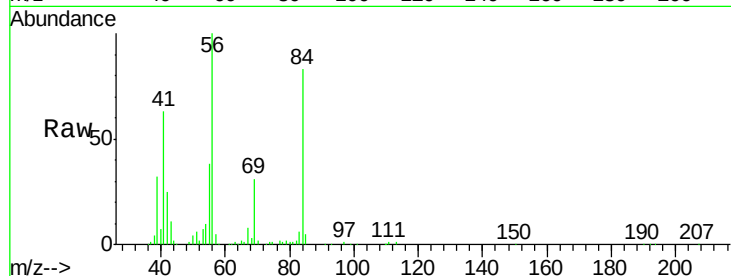
Tot Ion: 56 Resp: 89323

Ion Ratio Lower Upper

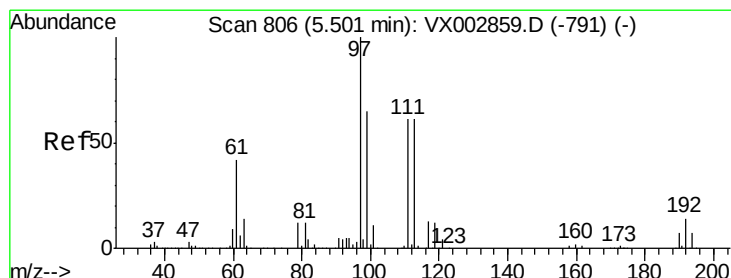
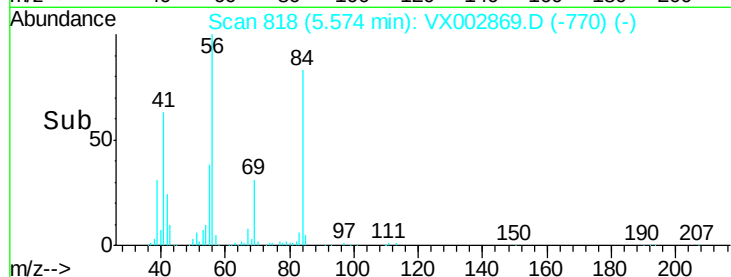
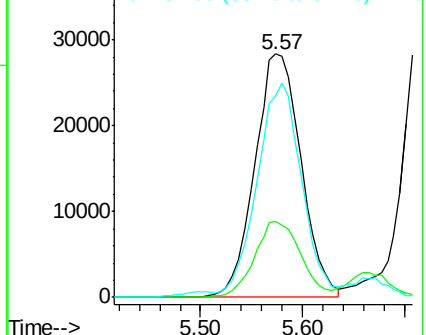
56 100

69 31.2 23.7 35.5

84 81.2 64.1 96.1



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: 19.78 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

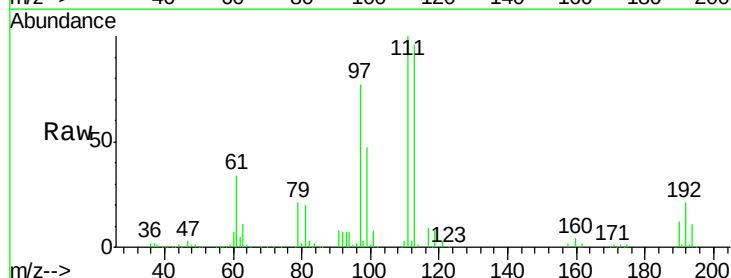
Tgt Ion: 97 Resp: 96316

Ion Ratio Lower Upper

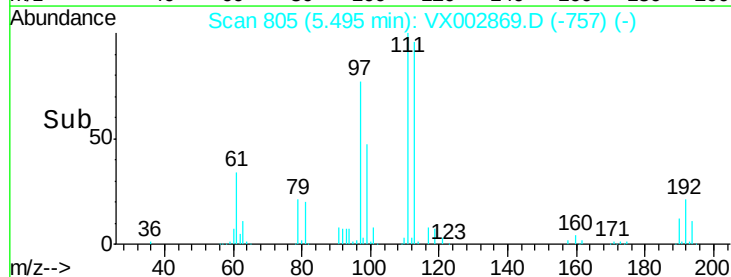
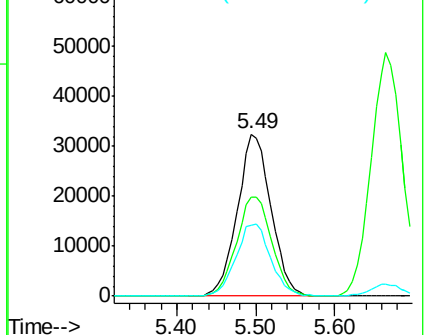
97 100

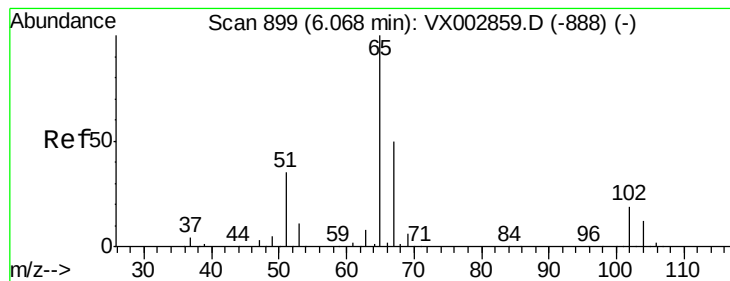
99 64.3 51.6 77.4

61 46.0 36.4 54.6



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: 49.82 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

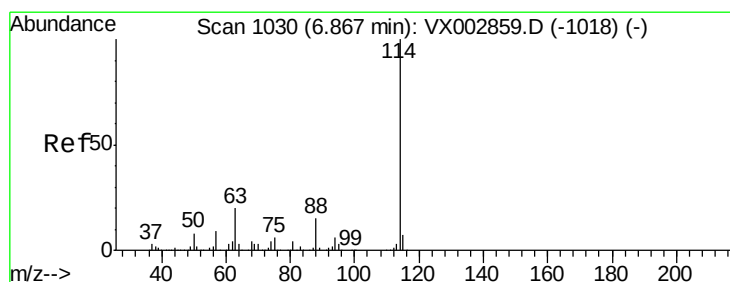
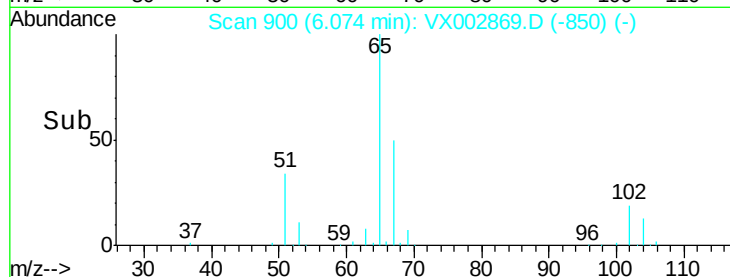
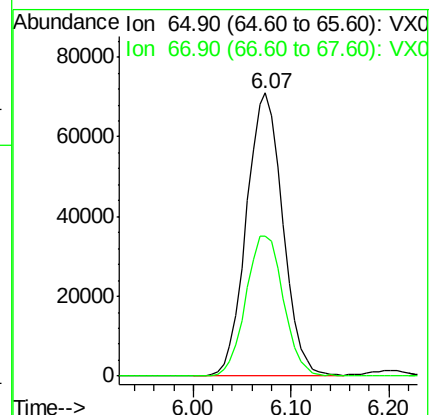
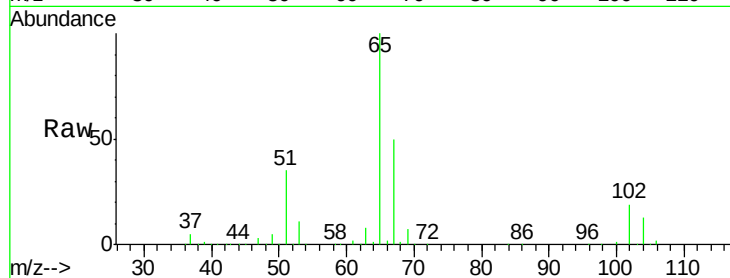
ClientSampleId :

Tot Ion: 65 Resp: 183894

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

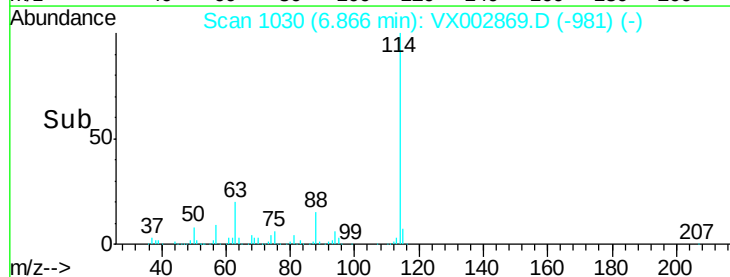
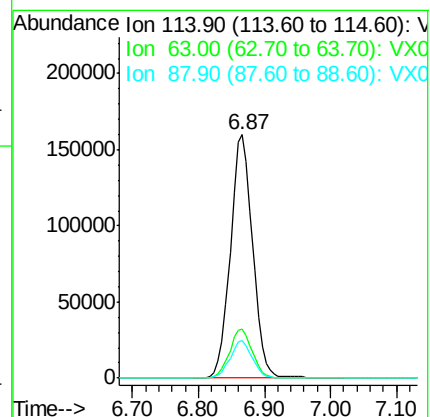
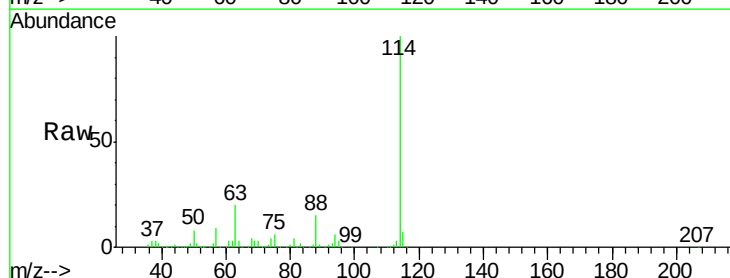
Tgt Ion: 114 Resp: 373201

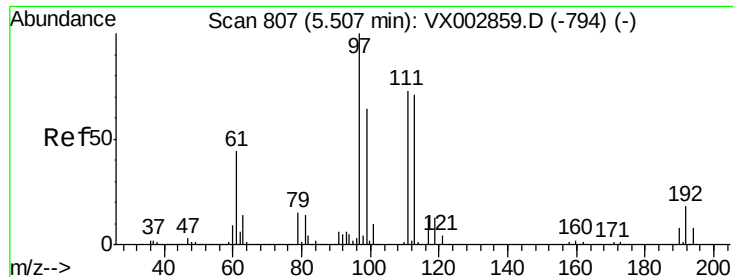
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

88 15.4 0.0 30.0

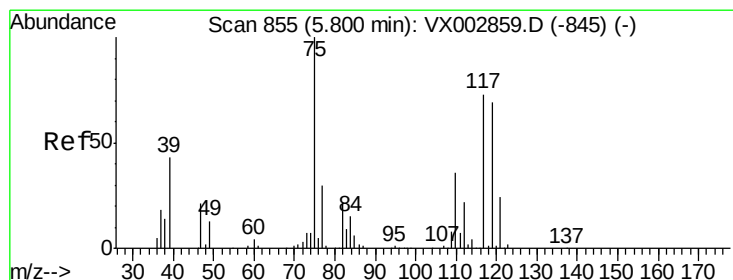
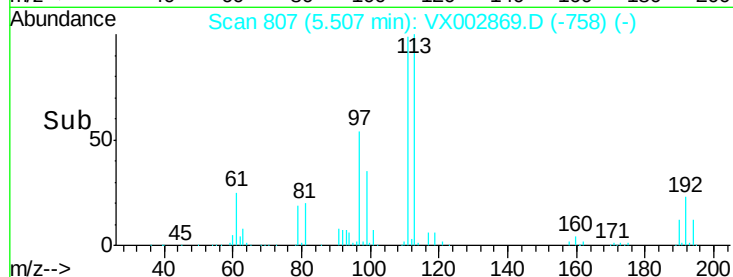
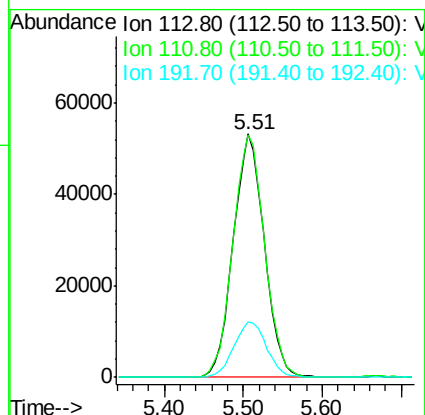
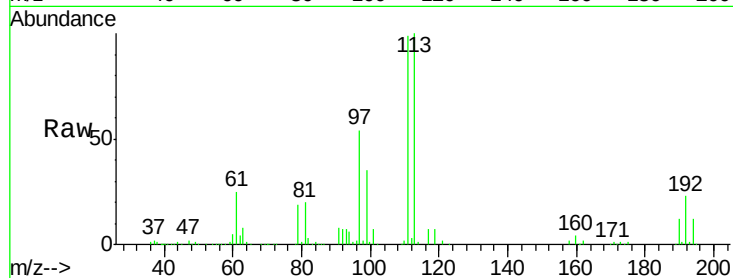




#35
 Dibromofluoromethane
 Concen: 49.33 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002869.D
 Acq: 25 Jun 2018 19:55

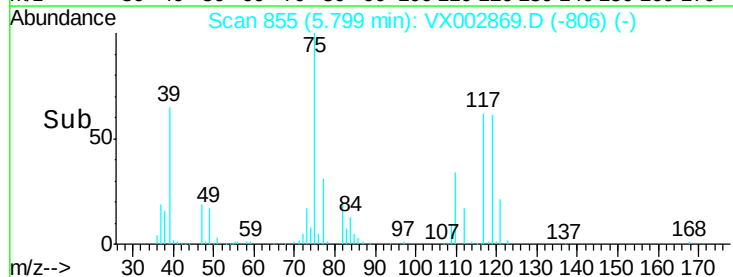
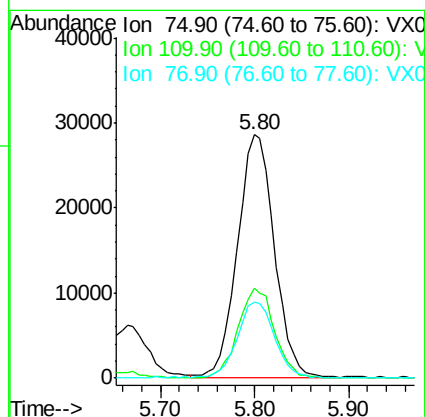
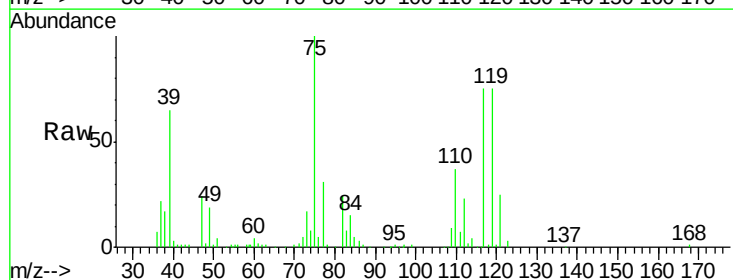
Instrument :
 MSVOA_X
 ClientSampleId :

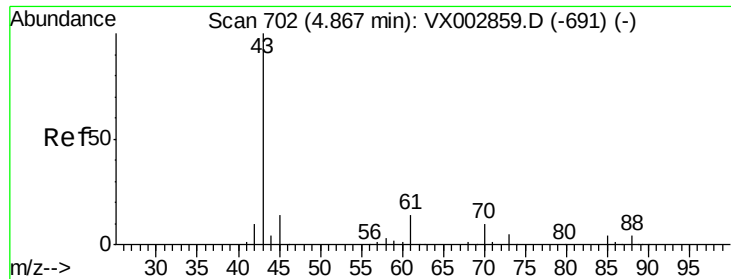
Tot Ion:113 Resp: 145777
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 23.8 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 18.95 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002869.D
 Acq: 25 Jun 2018 19:55

Tgt Ion: 75 Resp: 77565
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.1 54.4
 77 31.3 24.3 36.5

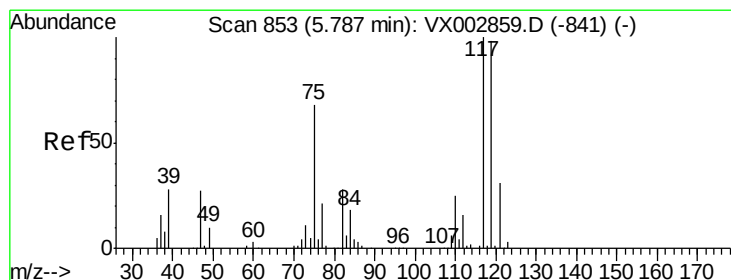
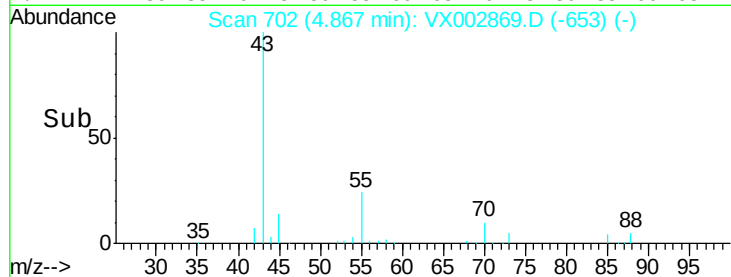
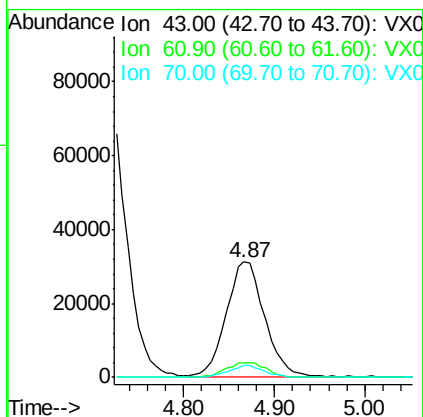
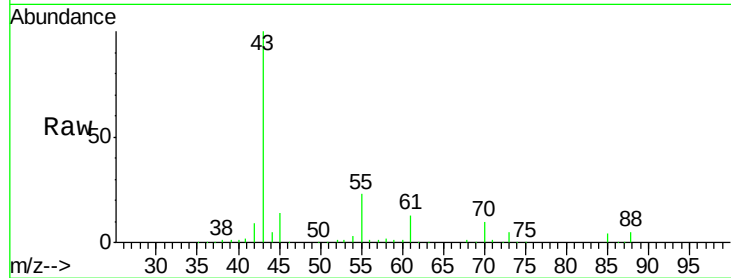




#37
Ethyl Acetate
Concen: 20.50 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

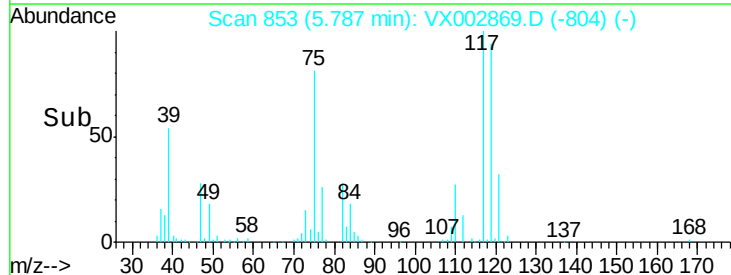
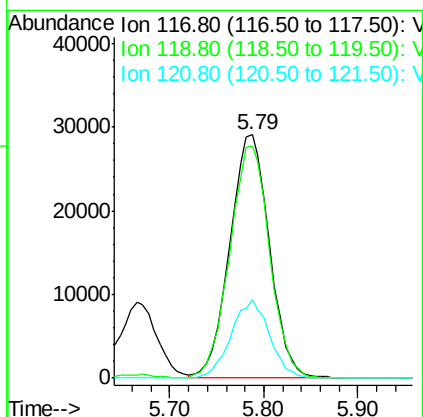
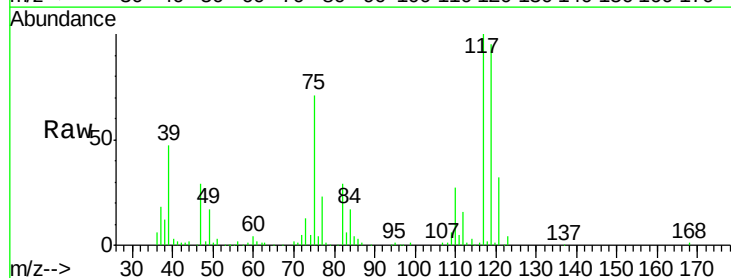
Instrument :
MSVOA_X
ClientSampled :

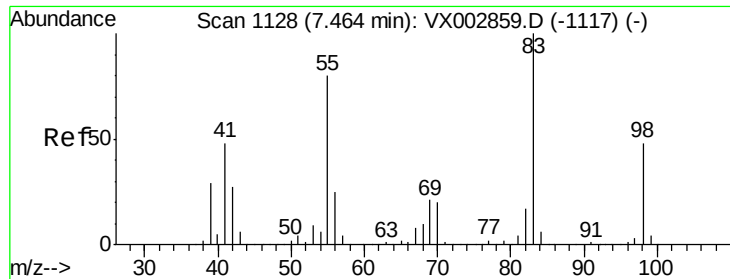
Tot Ion: 43 Resp: 90324
Ion Ratio Lower Upper
43 100
61 13.8 10.4 15.6
70 10.0 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.01 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion: 117 Resp: 85370
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0
121 32.4 24.4 36.6

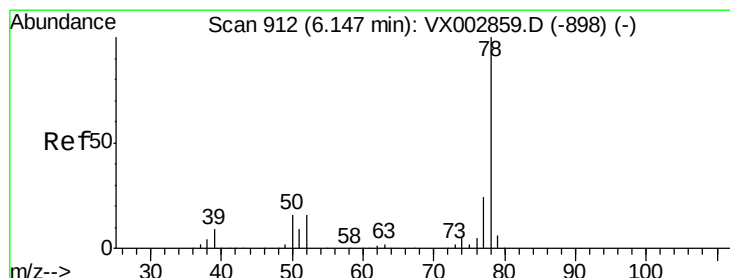
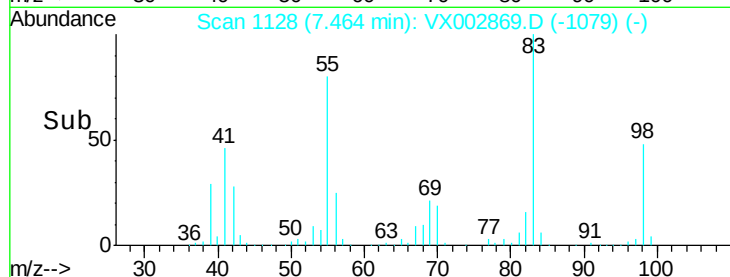
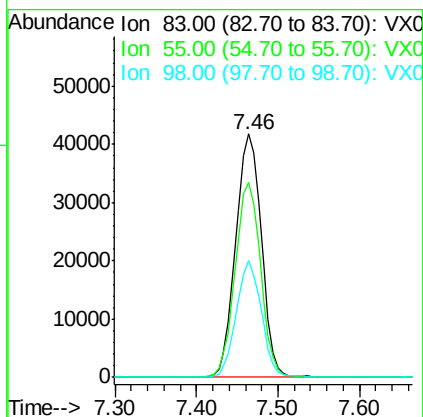
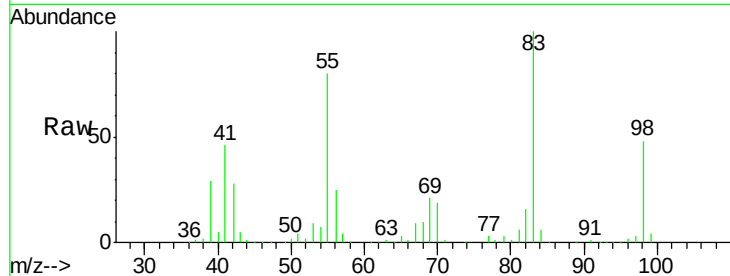




#39
Methylvlcyclohexane
Concen: 19.10 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

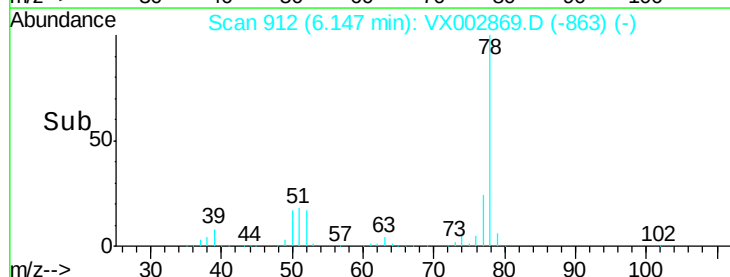
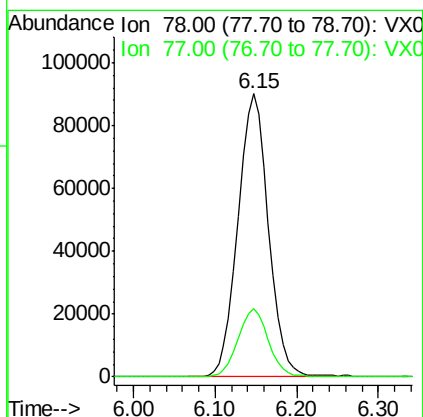
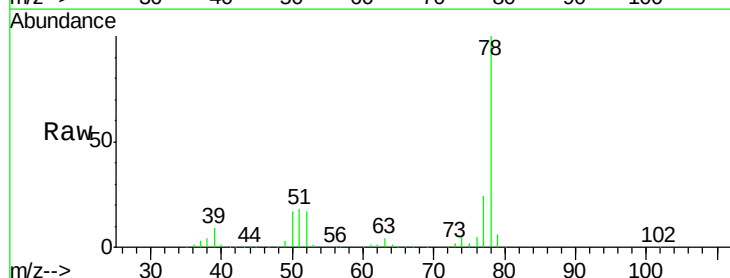
Instrument :
MSVOA_X
ClientSampled :

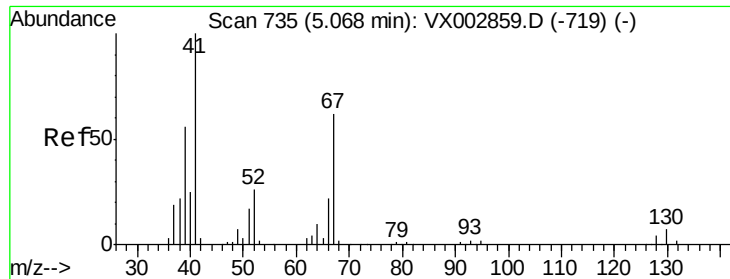
Tot Ion: 83 Resp: 91071
Ion Ratio Lower Upper
83 100
55 79.9 65.4 98.0
98 48.0 37.4 56.0



#40
Benzene
Concen: 19.69 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion: 78 Resp: 234094
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

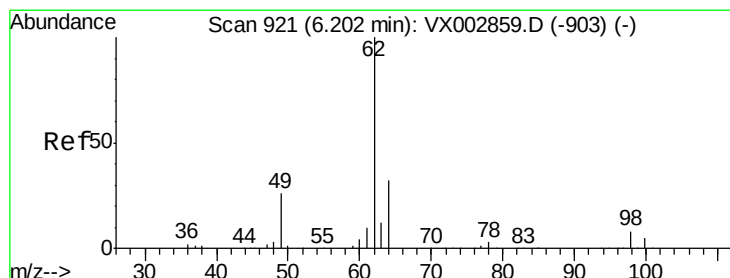
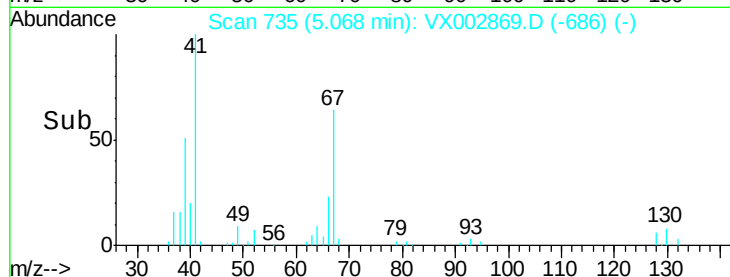
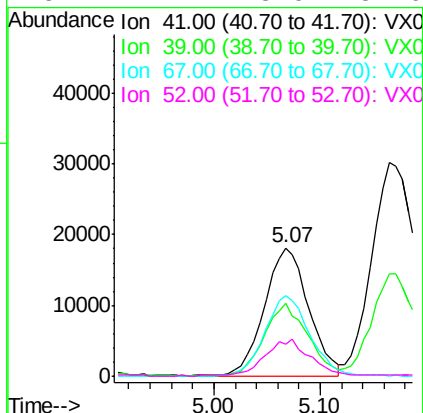
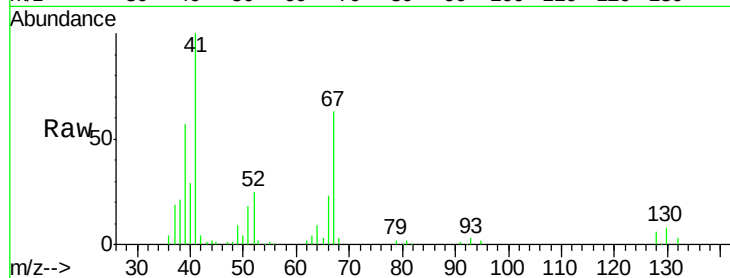




#41
Methacrylonitrile
Concen: 20.53 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

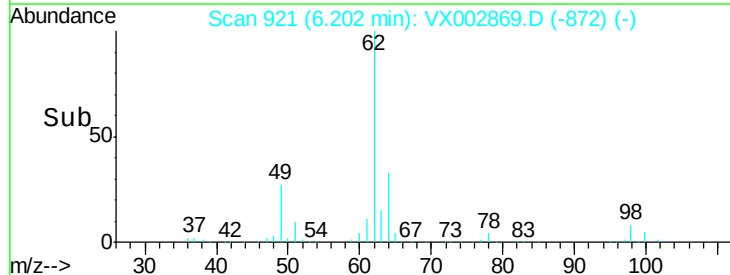
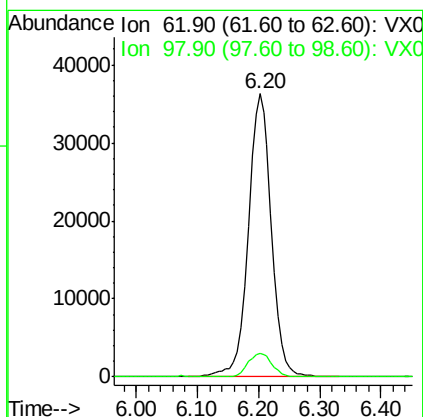
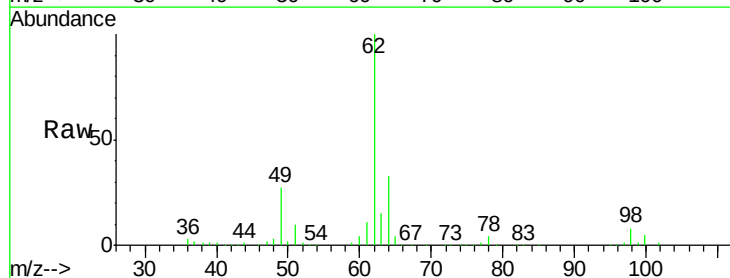
Instrument :
MSVOA_X
ClientSampleId :

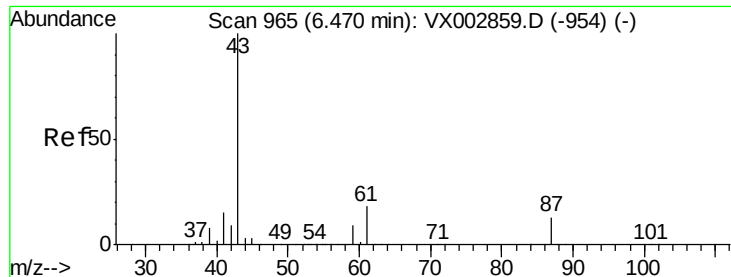
Tot Ion:	41	Resp:	52089
Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.8	68.6
67	64.1	51.3	76.9
52	27.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.89 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion:	62	Resp:	95537
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.71 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

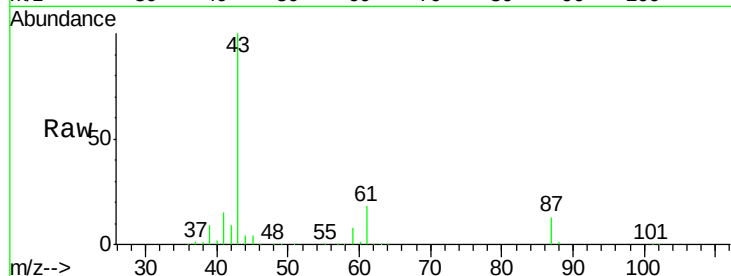
Tot Ion: 43 Resp: 145642

Ion Ratio Lower Upper

43 100

61 18.3 14.4 21.6

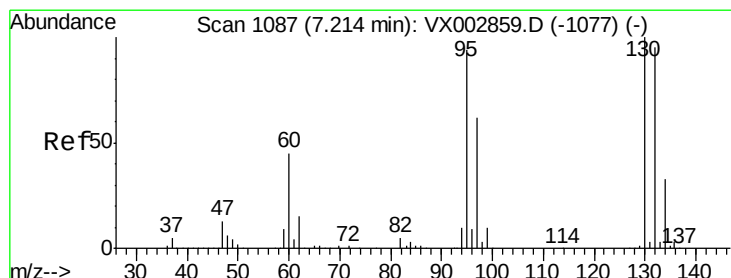
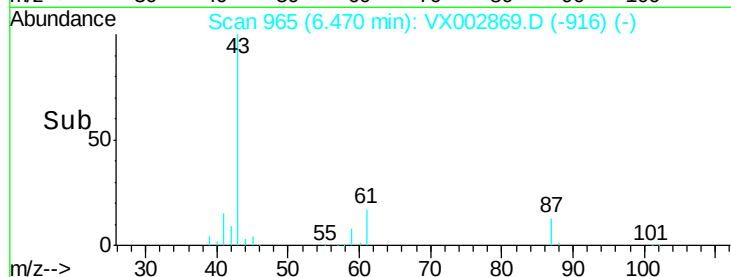
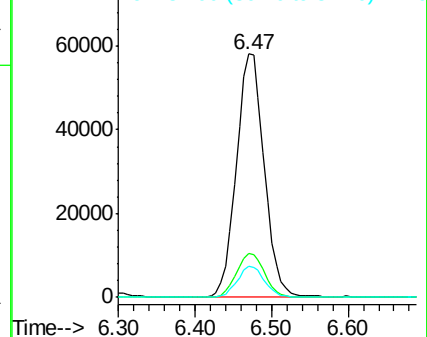
87 12.5 9.5 14.3



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: 19.15 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002869.D

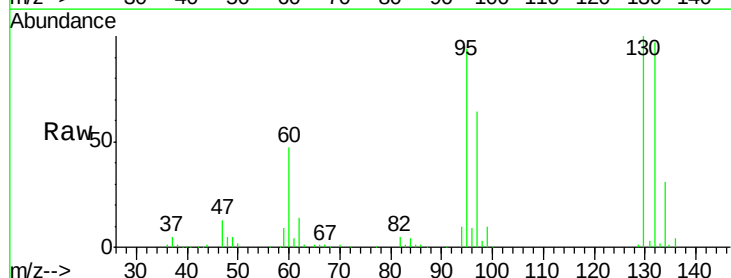
Acq: 25 Jun 2018 19:55

Tgt Ion:130 Resp: 67909

Ion Ratio Lower Upper

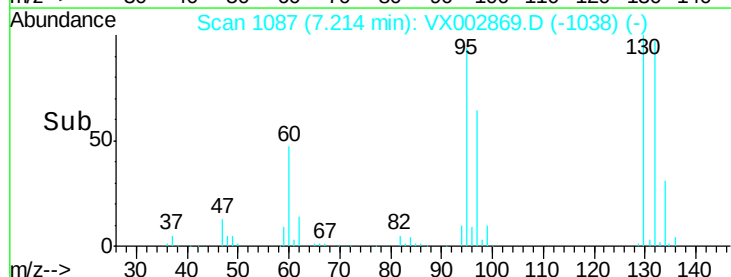
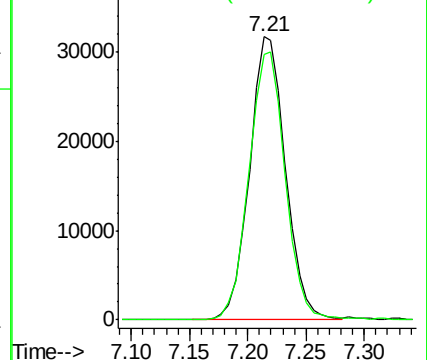
130 100

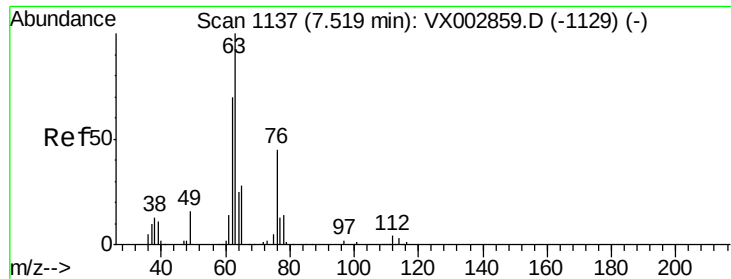
95 94.0 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

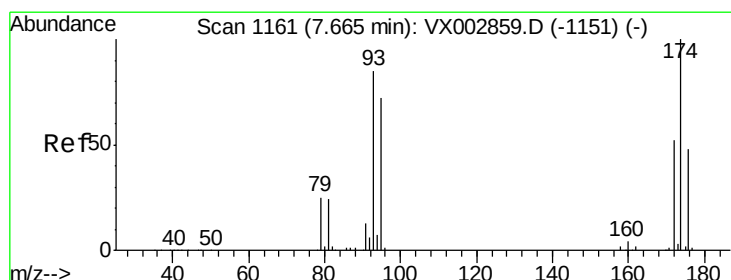
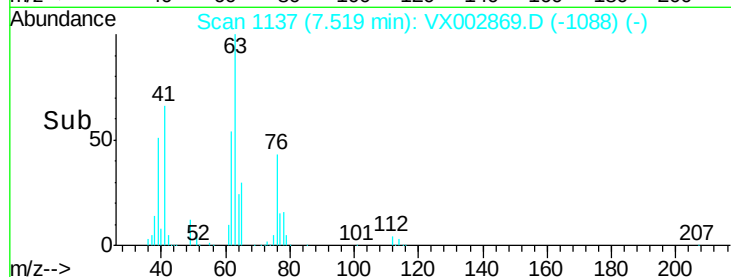
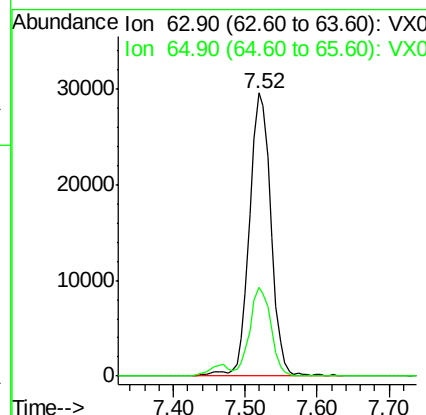
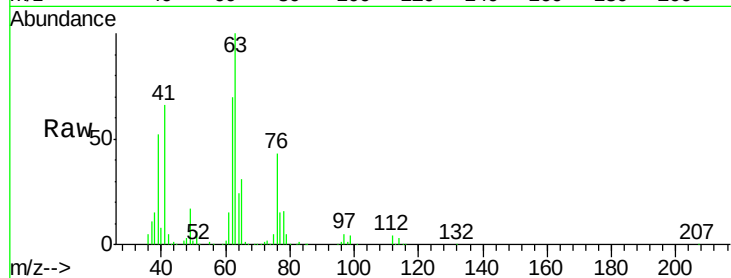




#45
 1,2-Dichloropropane
 Concen: 19.46 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002869.D
 Acq: 25 Jun 2018 19:55

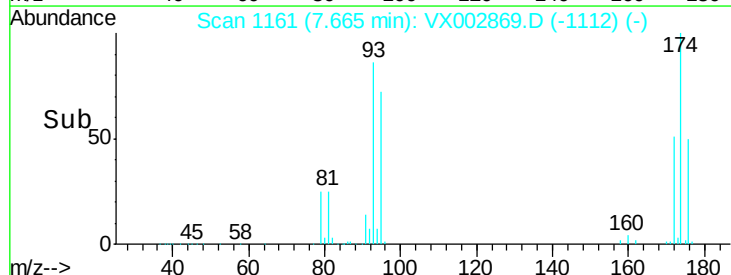
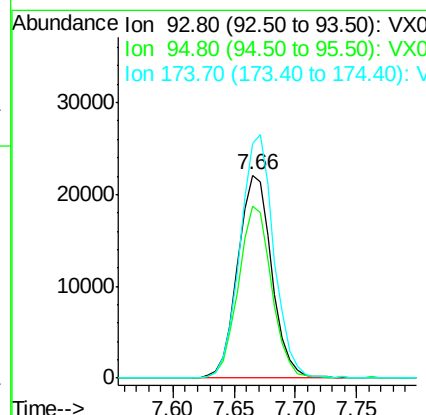
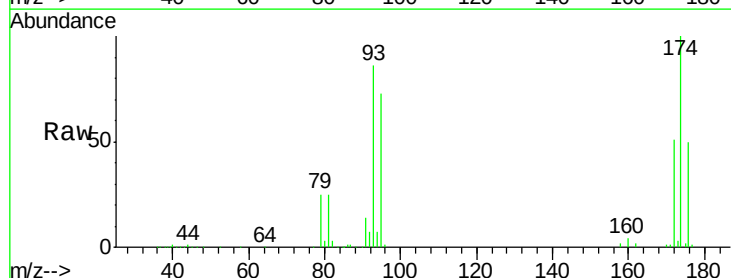
Instrument :
 MSVOA_X
 ClientSampleId :

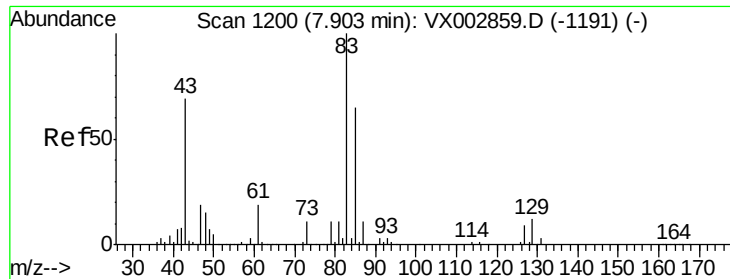
Tot Ion: 63 Resp: 61378
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.7 37.1



#46
 Dibromomethane
 Concen: 19.41 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002869.D
 Acq: 25 Jun 2018 19:55

Tgt Ion: 93 Resp: 42495
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.9 98.9
 174 119.0 92.4 138.6





#47

Bromodichloromethane

Concen: 19.53 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

ClientSampled :

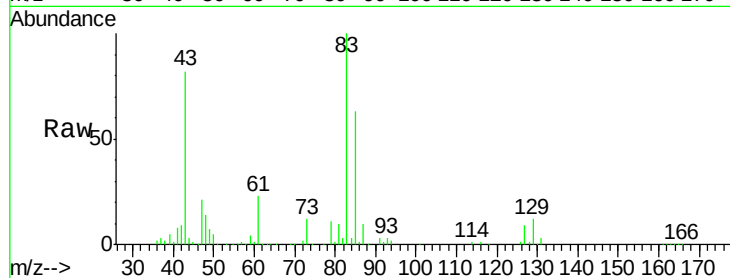
Tot Ion: 83 Resp: 79046

Ion Ratio Lower Upper

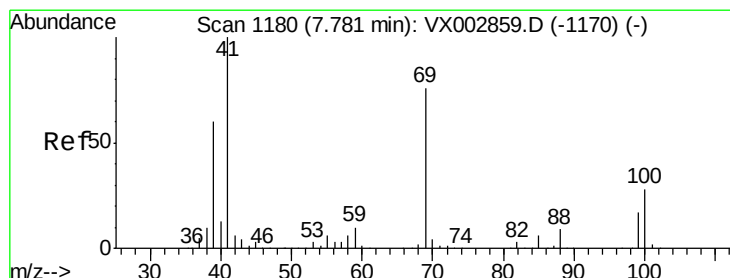
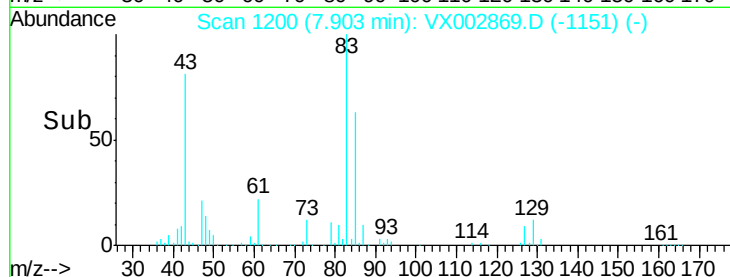
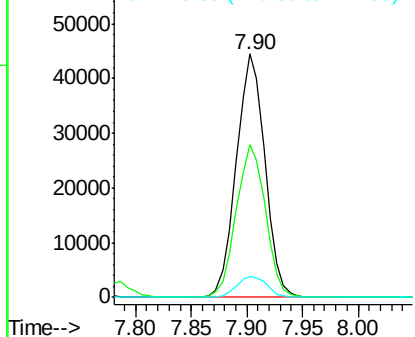
83 100

85 62.5 50.3 75.5

127 8.7 7.0 10.4



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



#48

Methyl methacrylate

Concen: 19.98 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

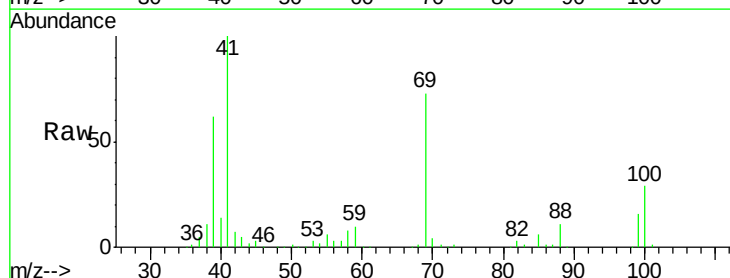
Tgt Ion: 41 Resp: 76073

Ion Ratio Lower Upper

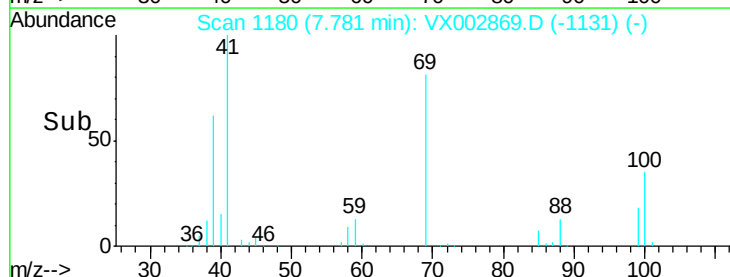
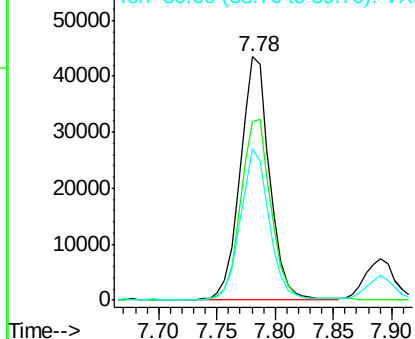
41 100

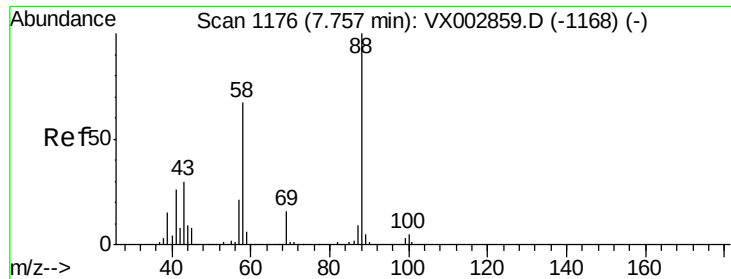
69 77.3 59.1 88.7

39 60.5 48.9 73.3



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

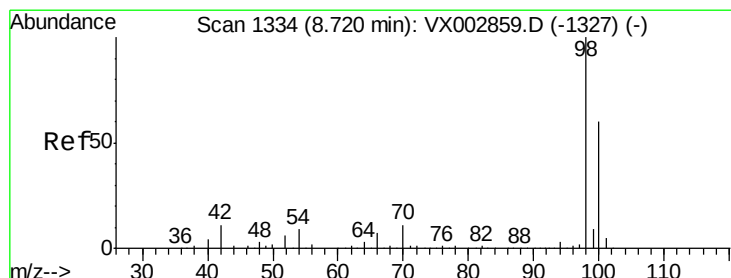
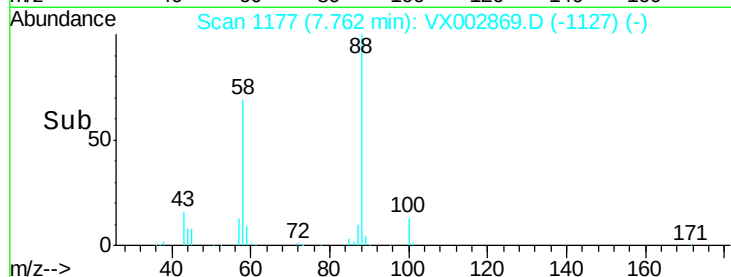
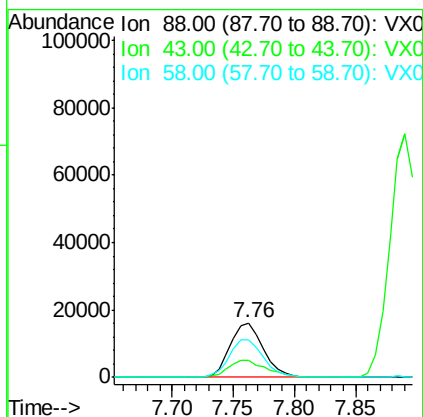
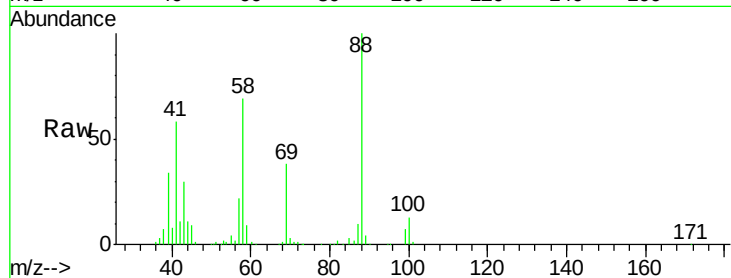




#49
1,4-Dioxane
Concen: 410.56 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

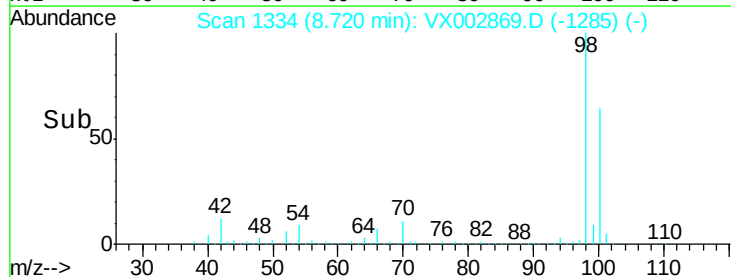
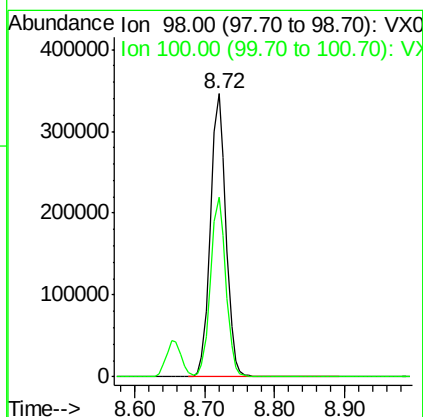
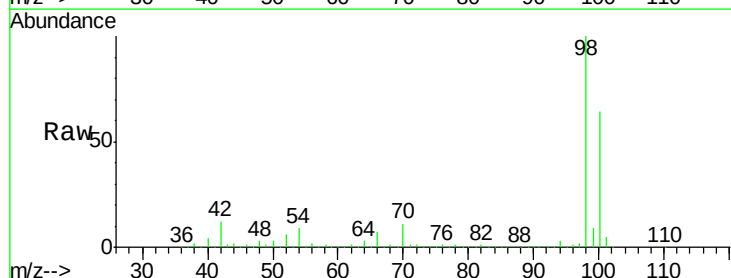
Instrument :
MSVOA_X
ClientSampleId :

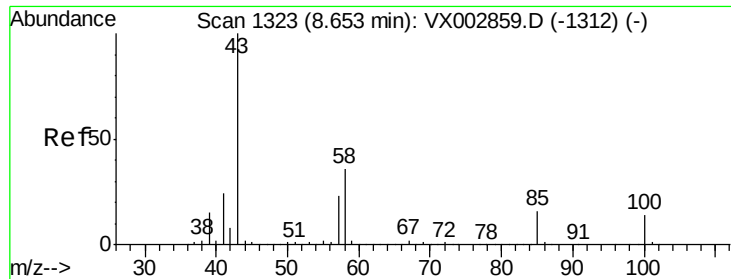
Tot Ion: 88 Resp: 30417
Ion Ratio Lower Upper
88 100
43 36.2 29.8 44.6
58 72.9 57.1 85.7



#50
Toluene-d8
Concen: 49.41 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion: 98 Resp: 533212
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 104.06 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

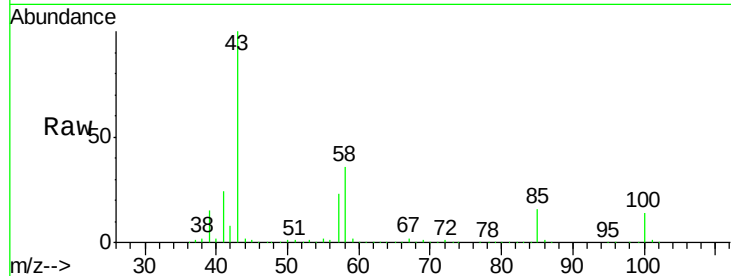
ClientSampleId :

Tot Ion: 43 Resp: 481137

Ion Ratio Lower Upper

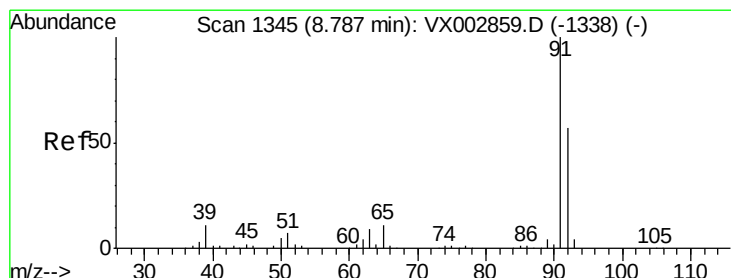
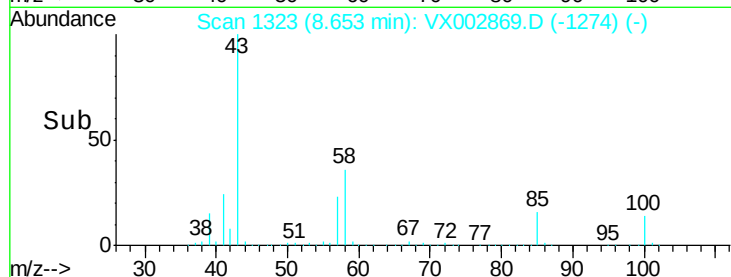
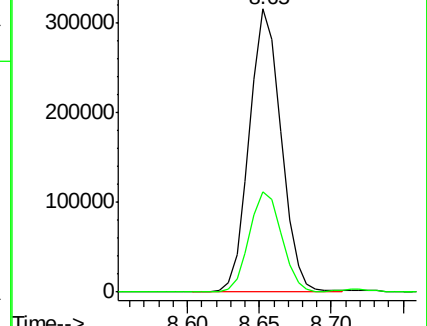
43 100

58 36.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.72 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002869.D

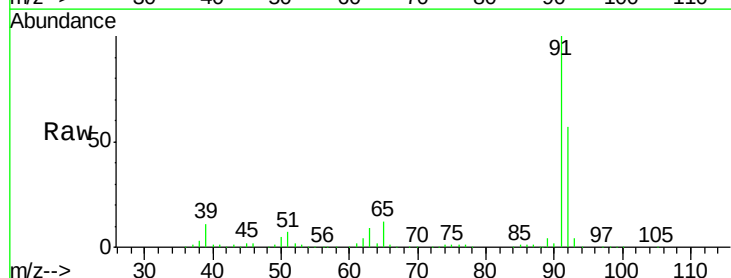
Acq: 25 Jun 2018 19:55

Tgt Ion: 92 Resp: 150192

Ion Ratio Lower Upper

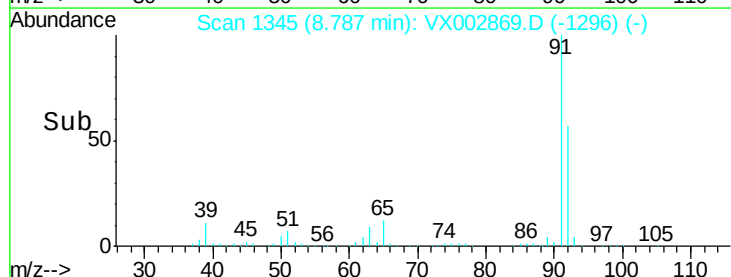
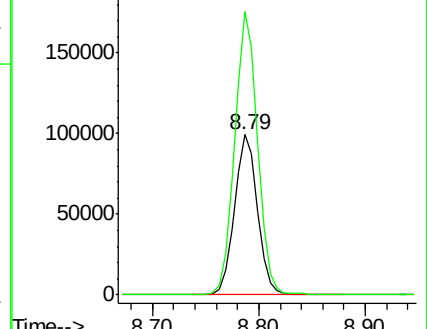
92 100

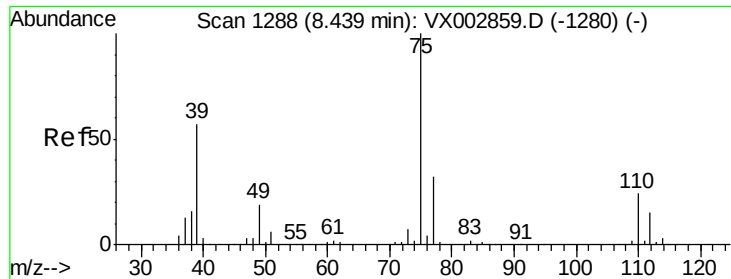
91 176.5 140.4 210.6



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: 19.37 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

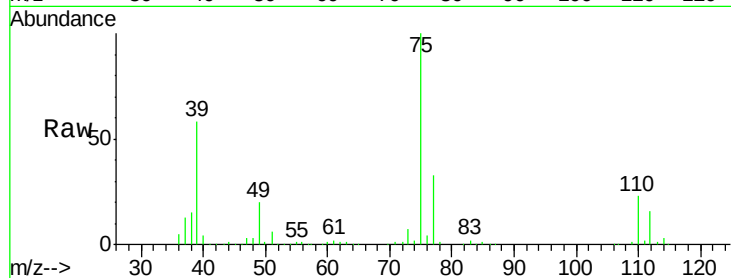
ClientSampleId :

Tot Ion: 75 Resp: 88764

Ion Ratio Lower Upper

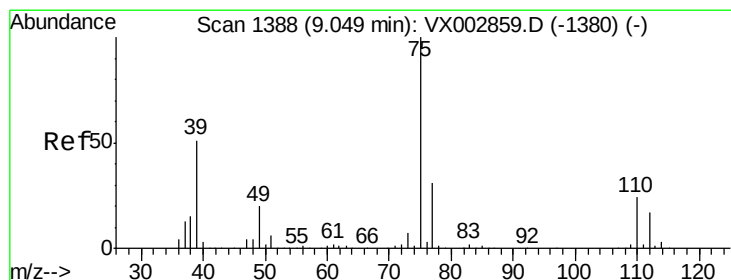
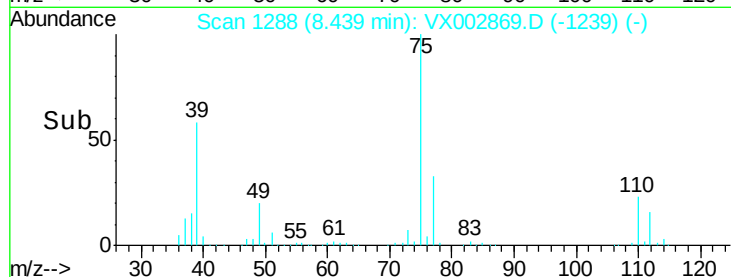
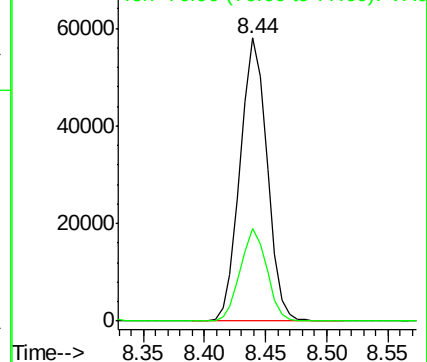
75 100

77 32.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.98 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

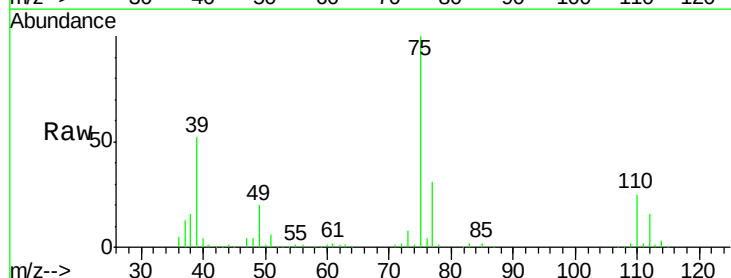
Tgt Ion: 75 Resp: 83693

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

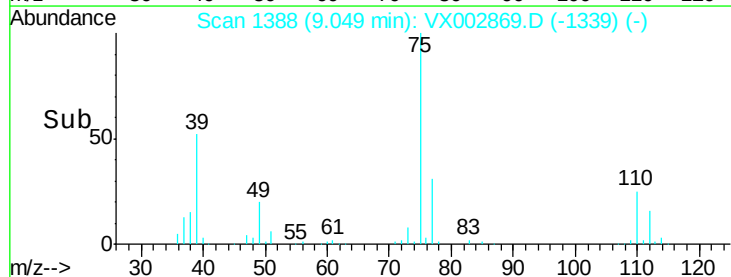
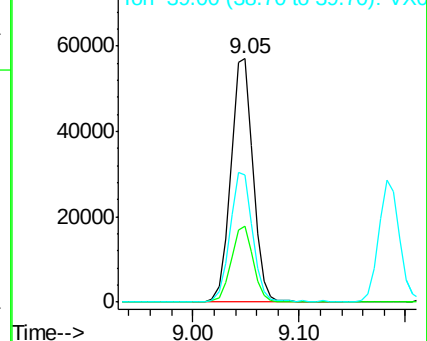
39 52.2 42.4 63.6

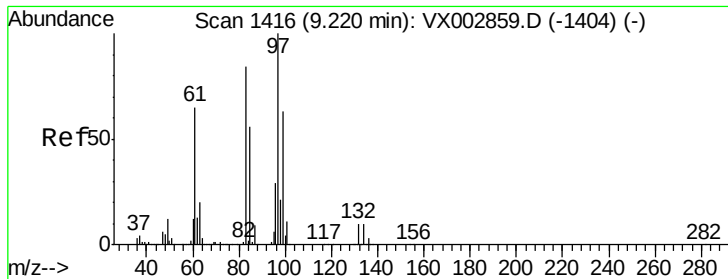


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.22 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 63289

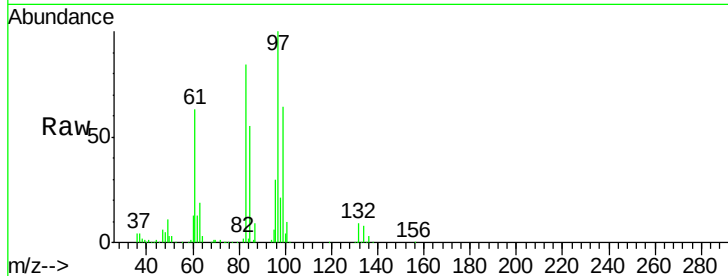
Ion	Ratio	Lower	Upper
97	100		
83	83.7	70.2	105.2
85	55.4	44.9	67.3
99	64.3	49.8	74.8

97 100

83 83.7 70.2 105.2

85 55.4 44.9 67.3

99 64.3 49.8 74.8

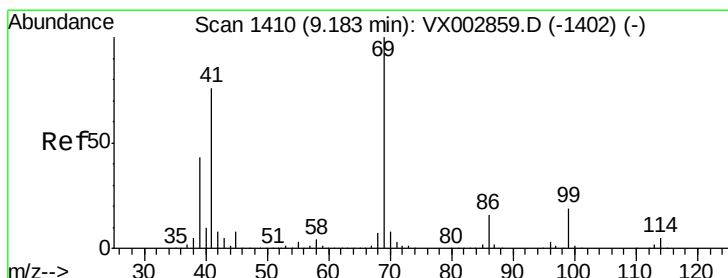
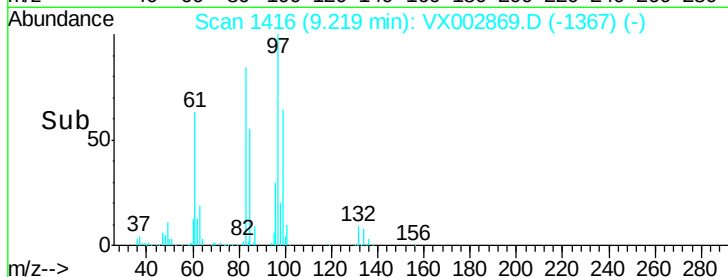
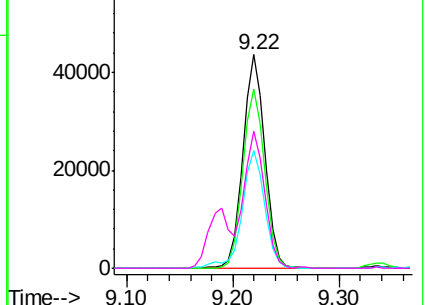


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.60 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

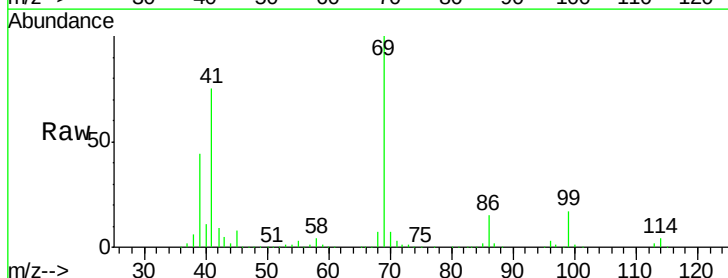
Tgt Ion: 69 Resp: 89649

Ion	Ratio	Lower	Upper
69	100		
41	73.8	60.3	90.5
39	43.7	35.8	53.8

69 100

41 73.8 60.3 90.5

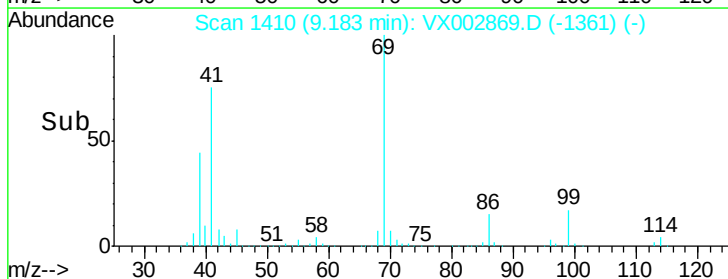
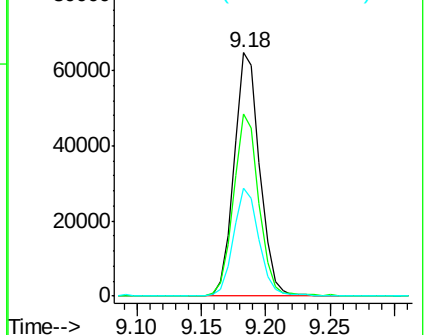
39 43.7 35.8 53.8

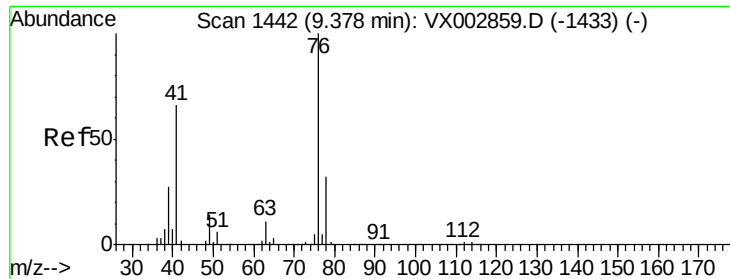


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.79 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

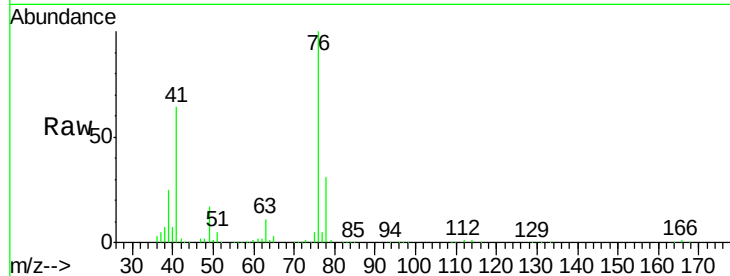
ClientSampleId :

Tot Ion: 76 Resp: 101770

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

80000

60000

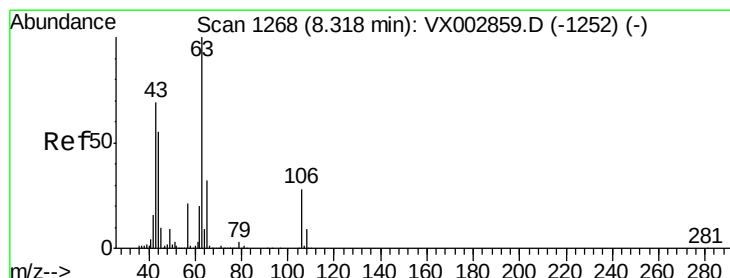
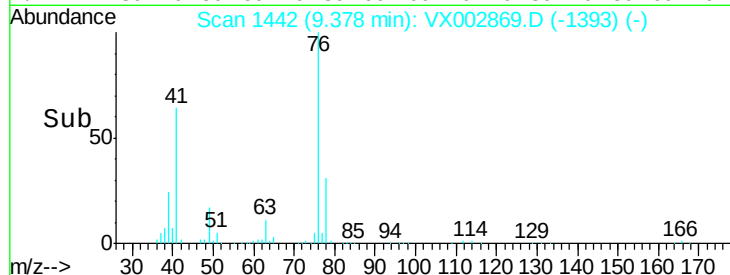
40000

20000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 101.92 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002869.D

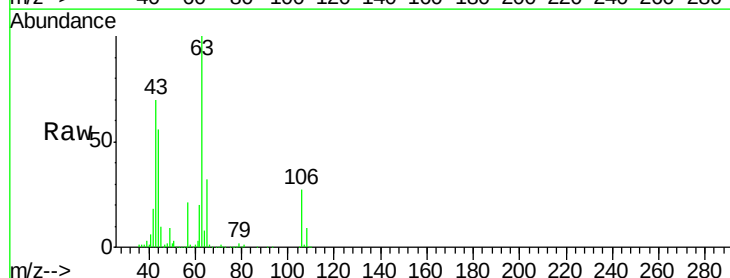
Acq: 25 Jun 2018 19:55

Tgt Ion: 63 Resp: 224943

Ion Ratio Lower Upper

63 100

106 28.0 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

150000

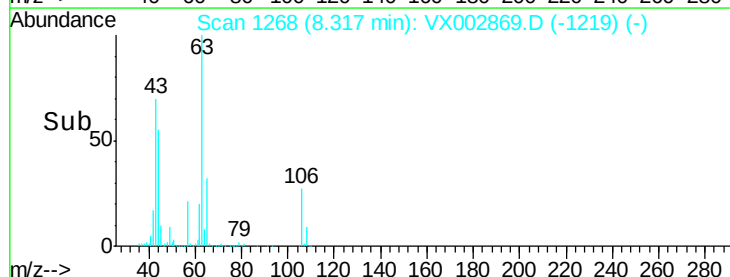
100000

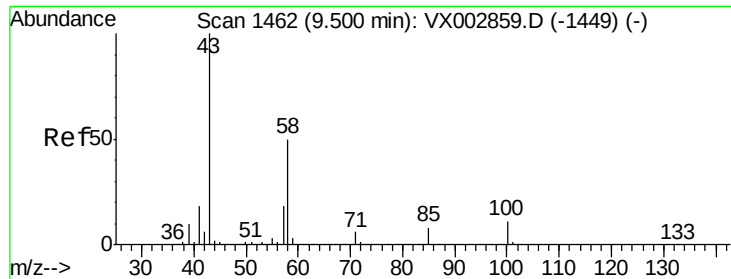
50000

0

8.20 8.25 8.30 8.35 8.40

Time-->

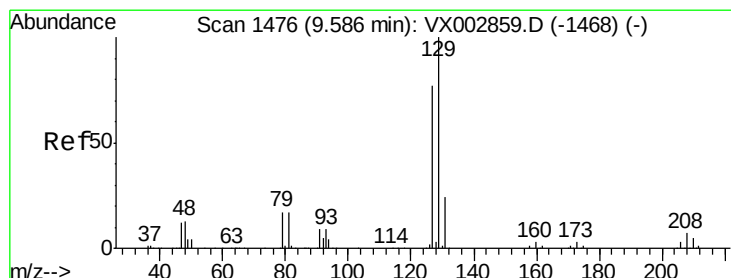
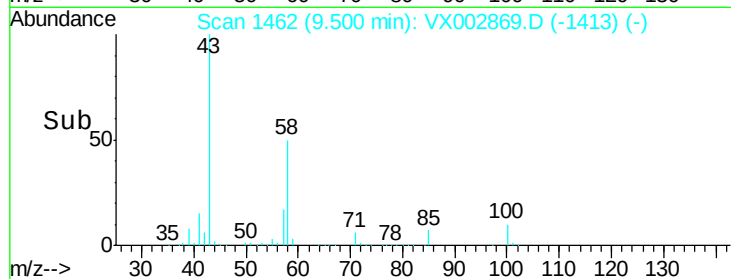
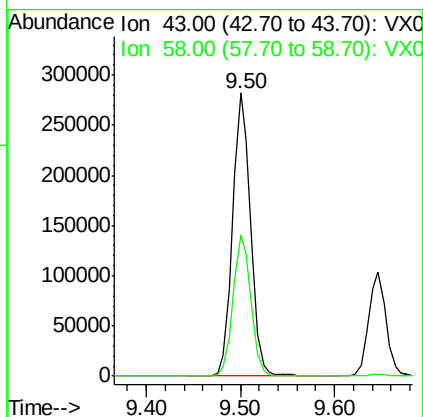
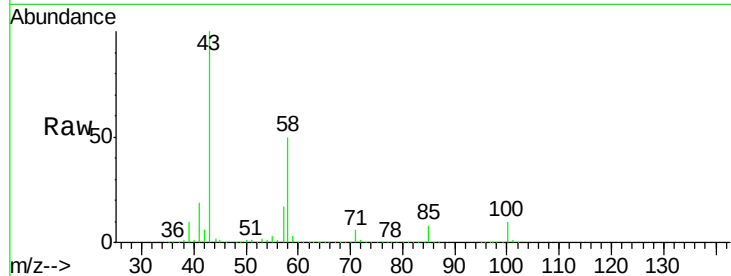




#59
2-Hexanone
Concen: 105.58 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

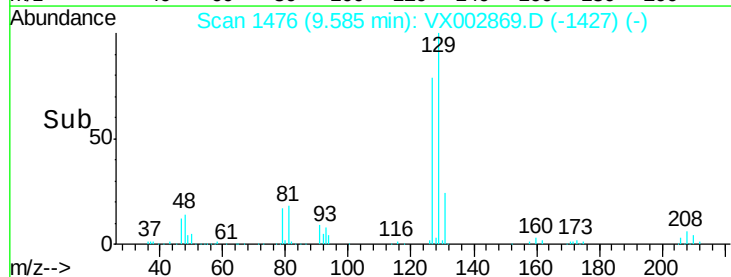
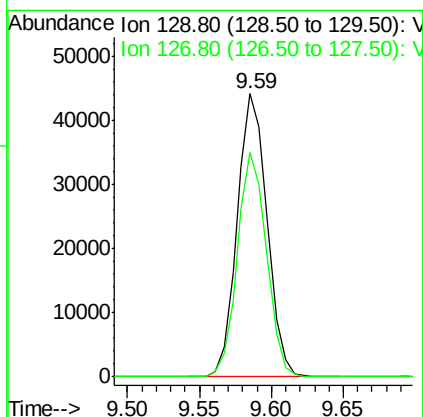
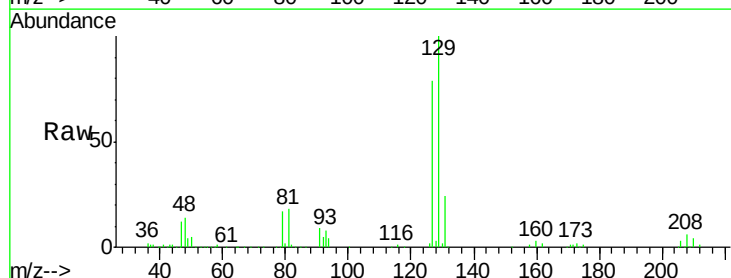
Instrument :
MSVOA_X
ClientSampleId :

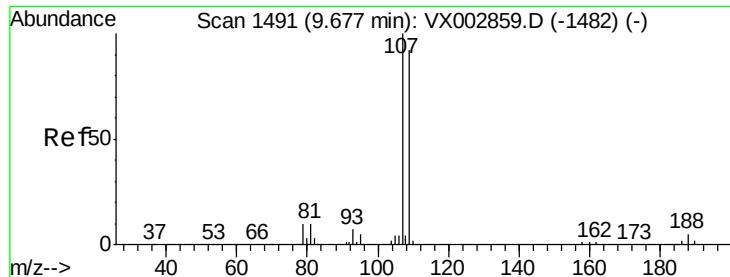
Tot Ion: 43 Resp: 371006
Ion Ratio Lower Upper
43 100
58 49.8 24.6 73.6



#60
Dibromochloromethane
Concen: 19.31 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion:129 Resp: 63645
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.78 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

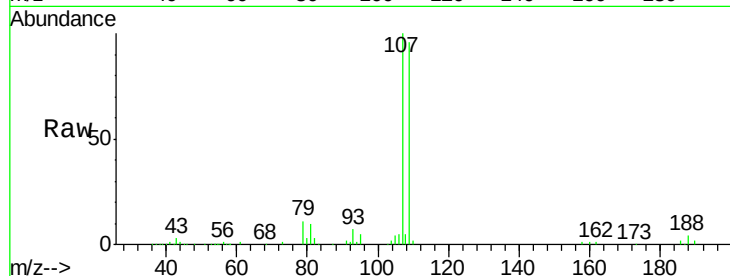
ClientSampled :

Tot Ion:107 Resp: 64949

Ion Ratio Lower Upper

107 100

109 95.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

30000

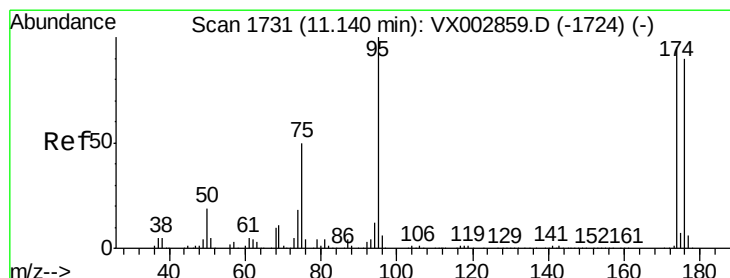
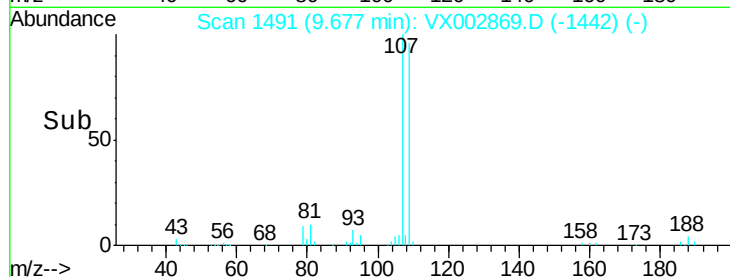
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.35 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

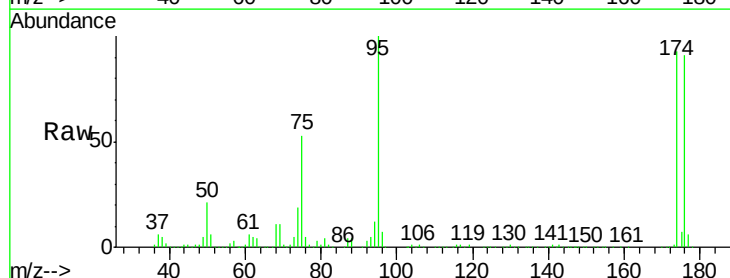
Tgt Ion: 95 Resp: 197087

Ion Ratio Lower Upper

95 100

174 97.8 0.0 187.4

176 93.6 0.0 181.0



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

200000

150000

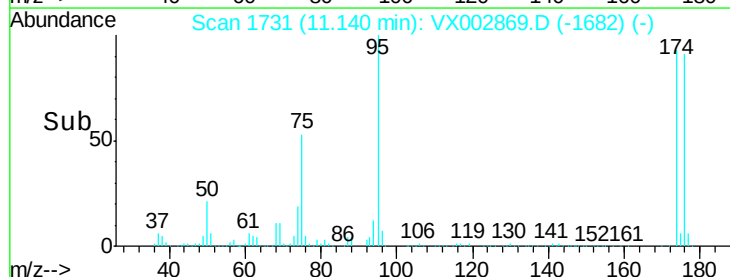
100000

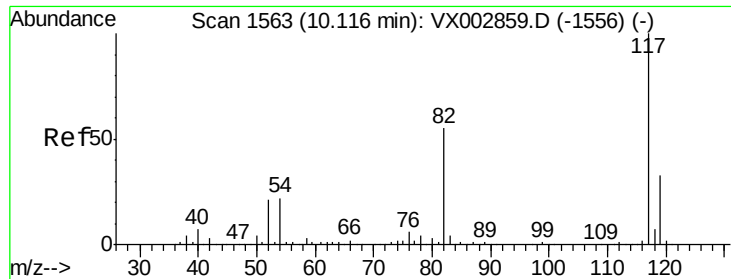
50000

0

Time-->

11.05 11.10 11.15 11.20

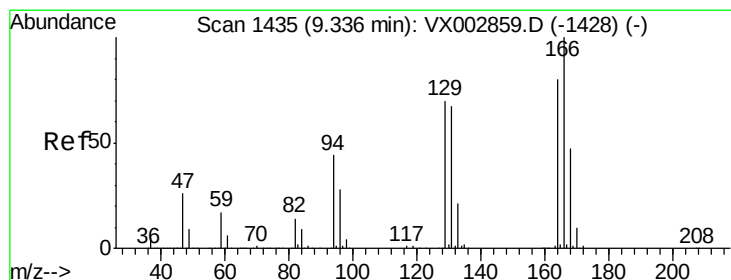
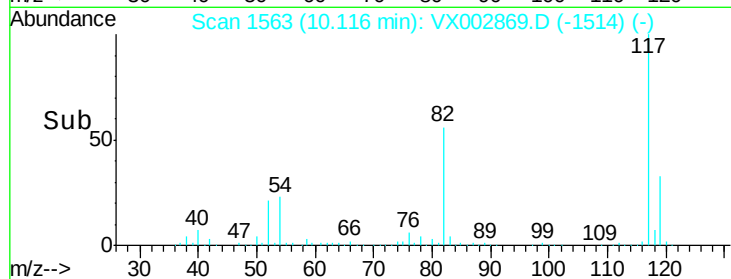
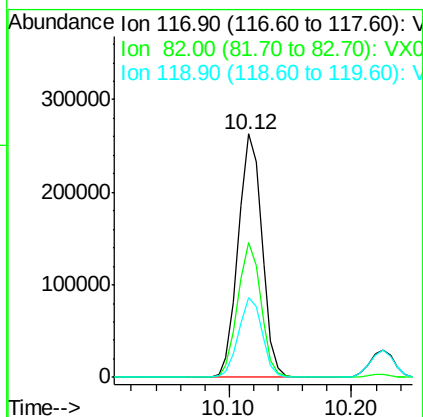
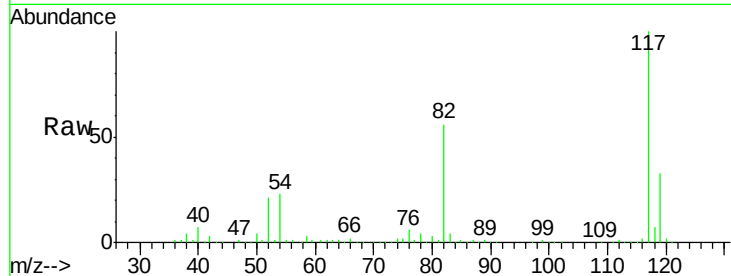




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

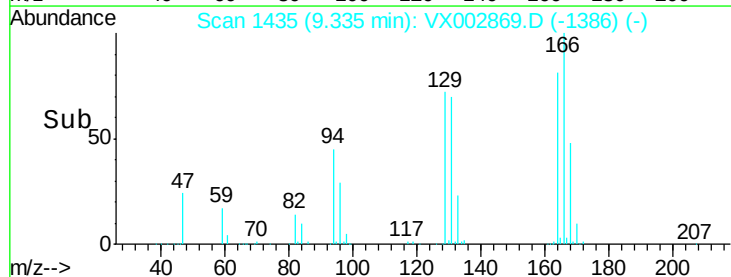
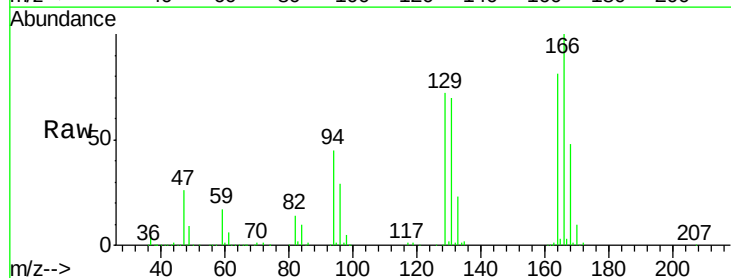
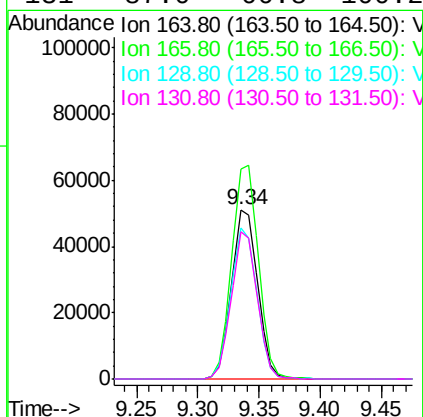
Instrument :
MSVOA_X
ClientSampleId :

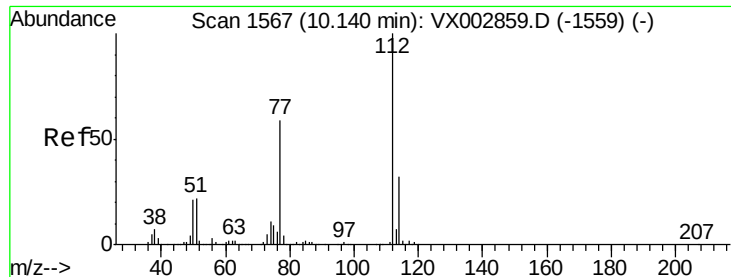
Tot Ion:117 Resp: 352676
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 19.21 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion:164 Resp: 75327
Ion Ratio Lower Upper
164 100
166 124.2 102.9 154.3
129 89.1 68.6 102.8
131 87.0 66.8 100.2

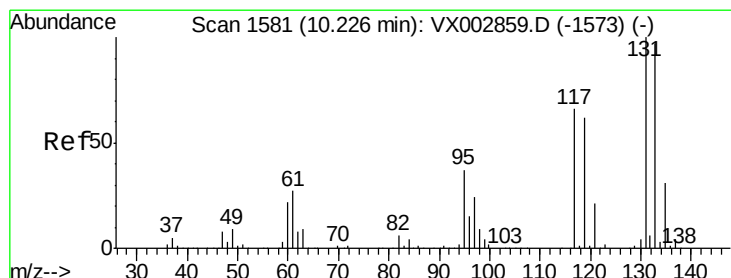
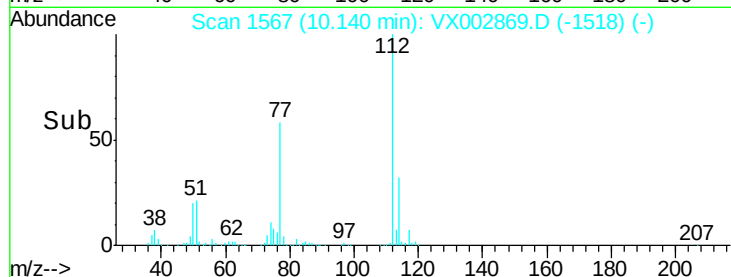
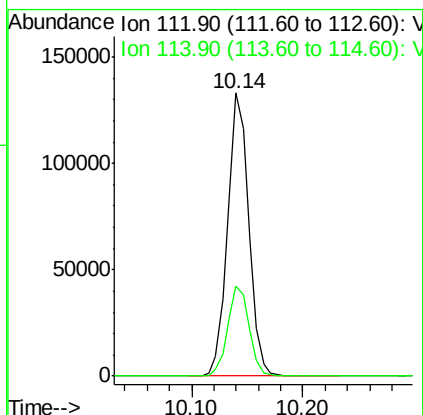
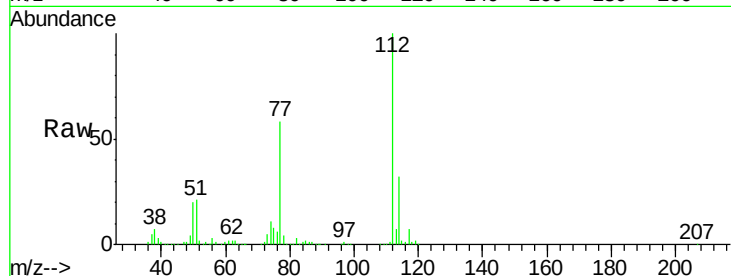




#65
Chlorobenzene
Concen: 19.58 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

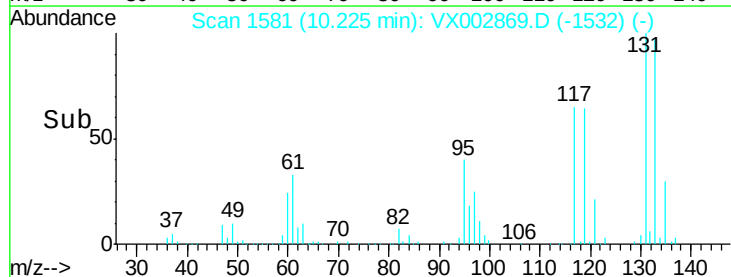
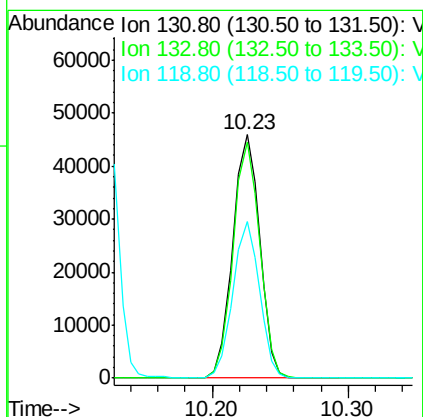
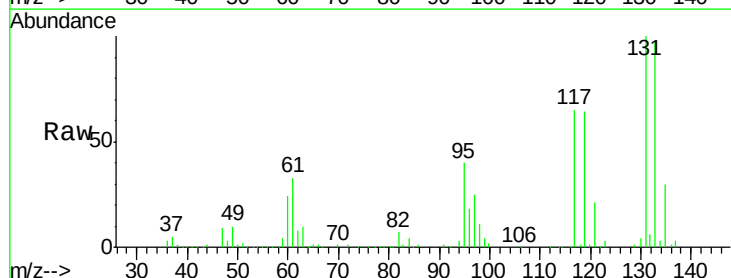
Instrument :
MSVOA_X
ClientSampled :

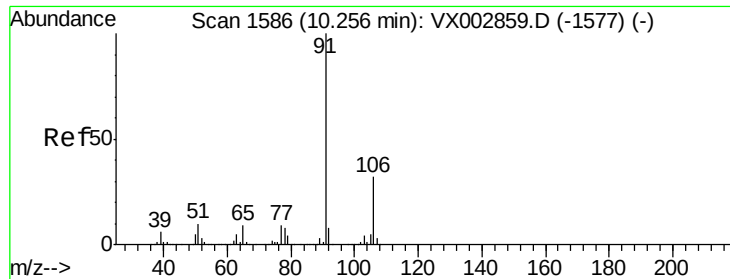
Tot Ion:112 Resp: 175364
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.51 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion:131 Resp: 63490
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 63.5 31.8 95.3

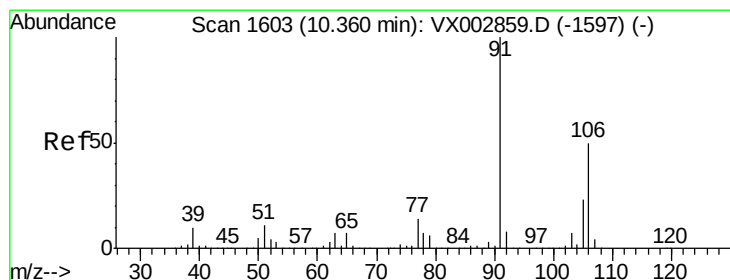
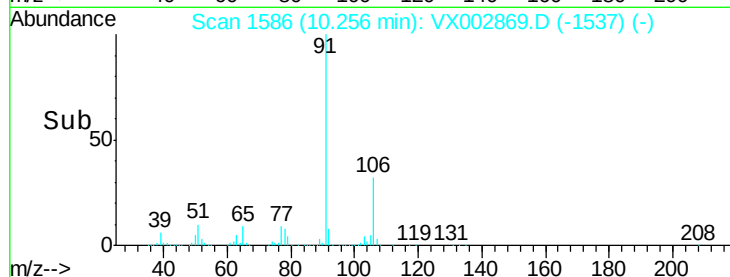
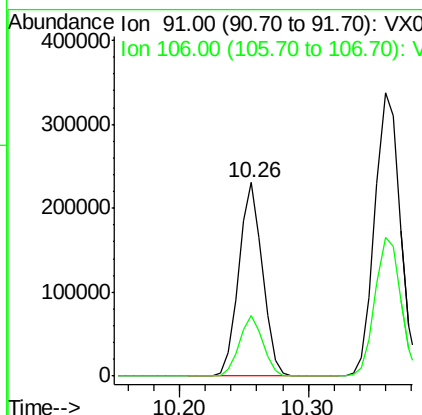
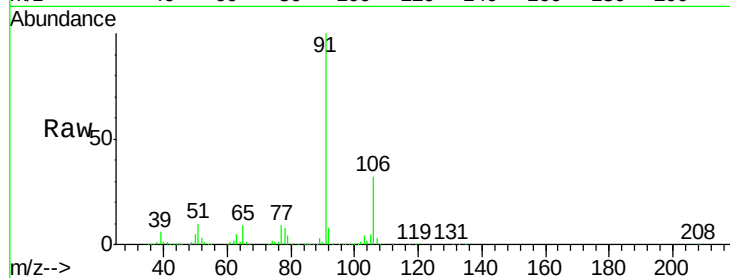




#67
Ethyl Benzene
Concen: 19.85 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

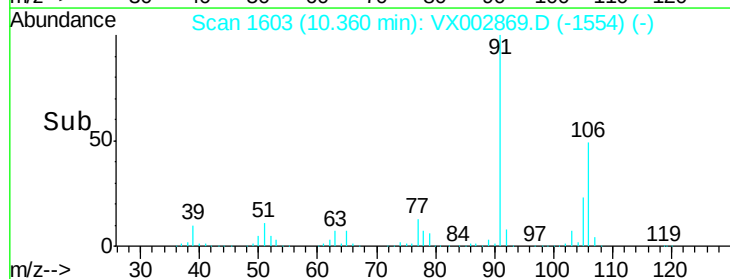
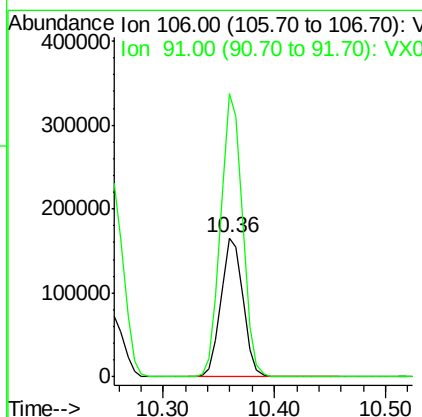
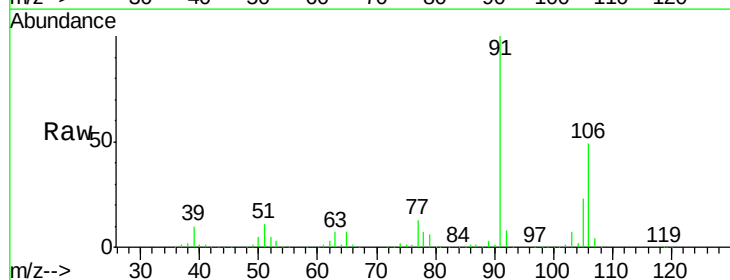
Instrument :
MSVOA_X
ClientSampleId :

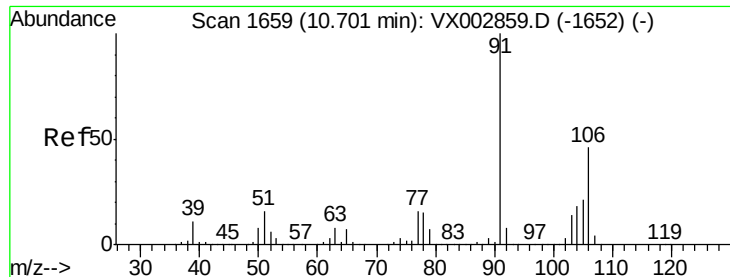
Tot Ion: 91 Resp: 293734
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 39.74 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion: 106 Resp: 226653
Ion Ratio Lower Upper
106 100
91 202.1 163.4 245.2

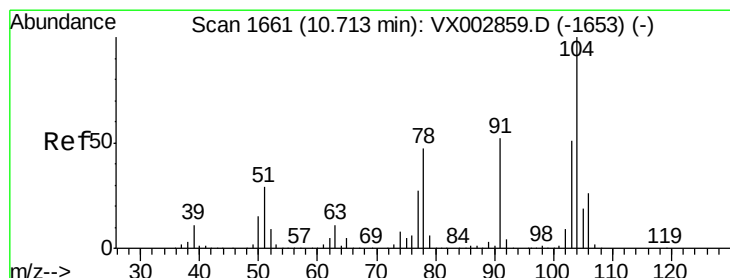
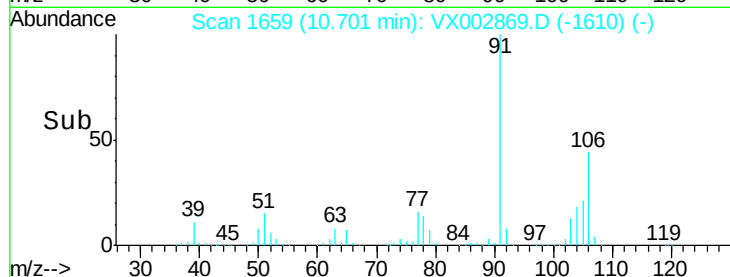
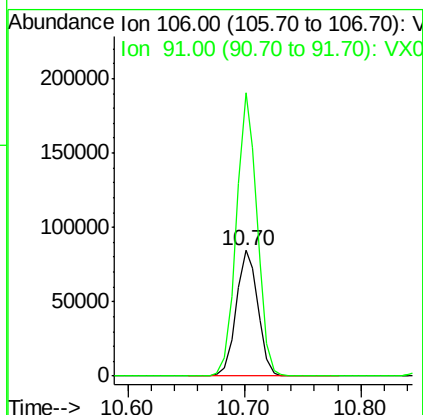
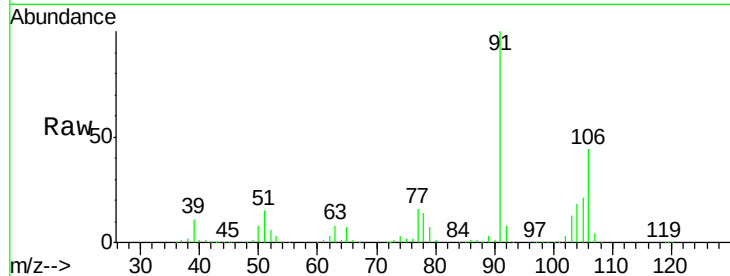




#69
o-Xylene
Concen: 19.75 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

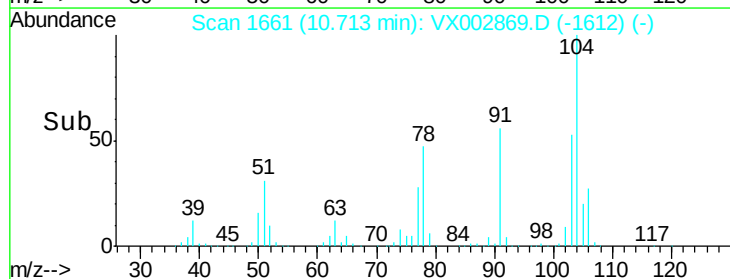
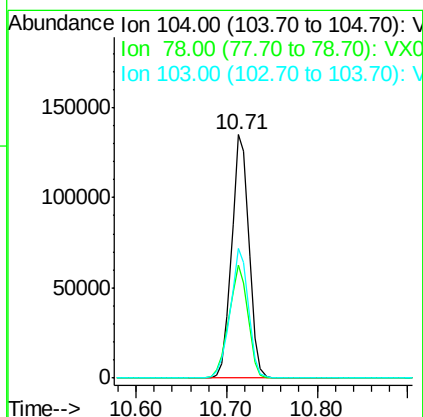
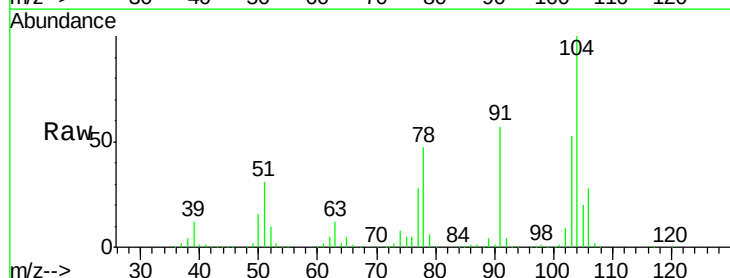
Instrument :
MSVOA_X
ClientSampled :

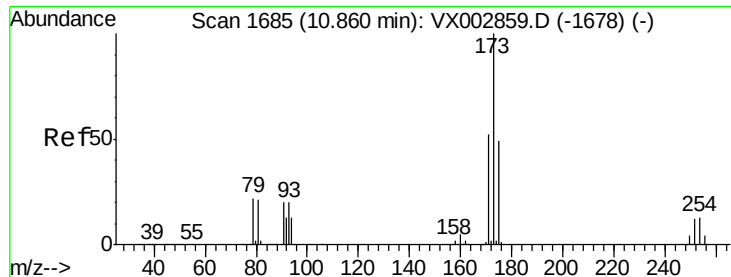
Tot Ion:106 Resp: 109647
Ion Ratio Lower Upper
106 100
91 215.9 108.2 324.6



#70
Styrene
Concen: 19.87 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion:104 Resp: 179309
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.6
103 56.0 44.2 66.4

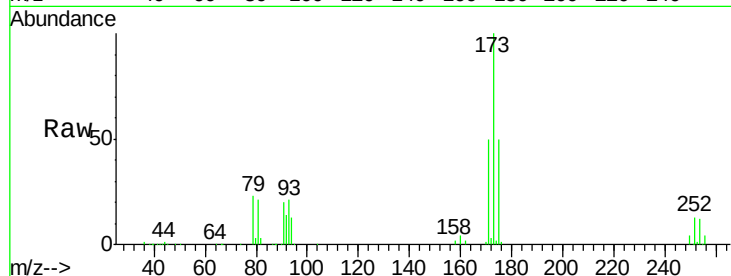




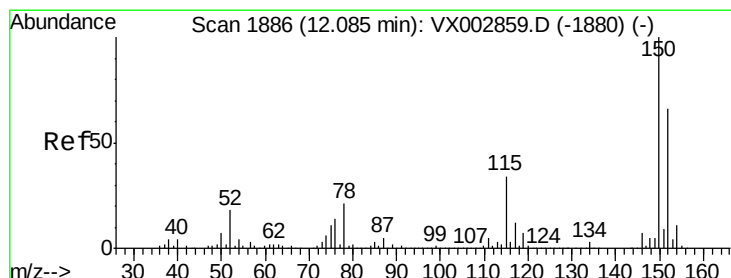
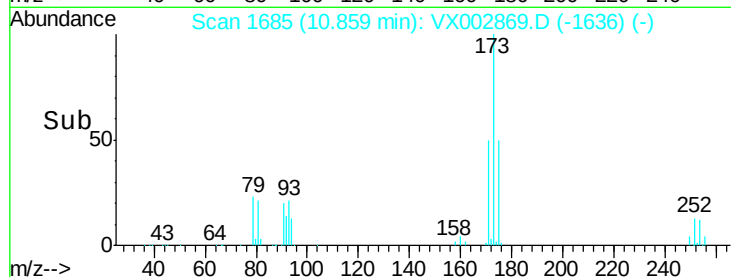
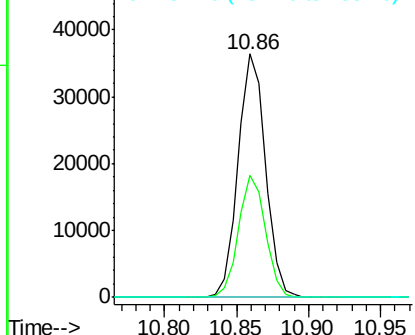
#71
Bromoform
Concen: 19.02 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 48214
Ion Ratio Lower Upper
173 100
175 49.1 24.7 74.1
254 0.2 0.2 0.2

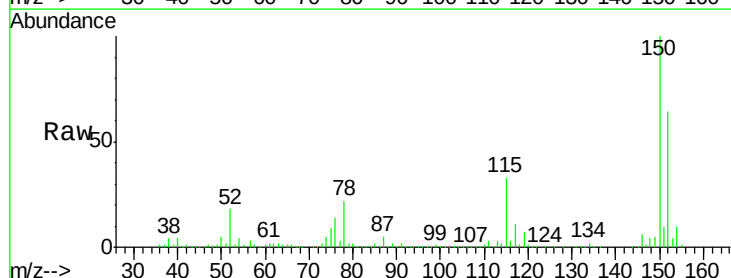


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

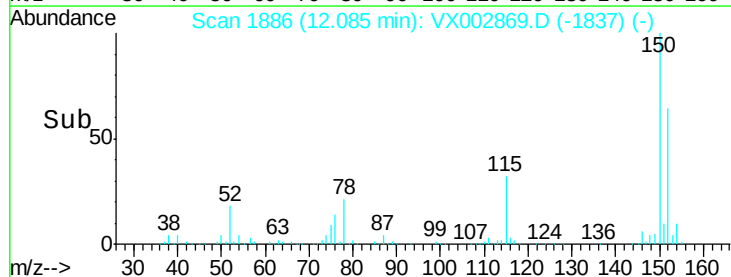
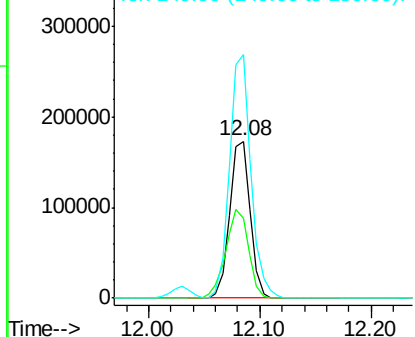


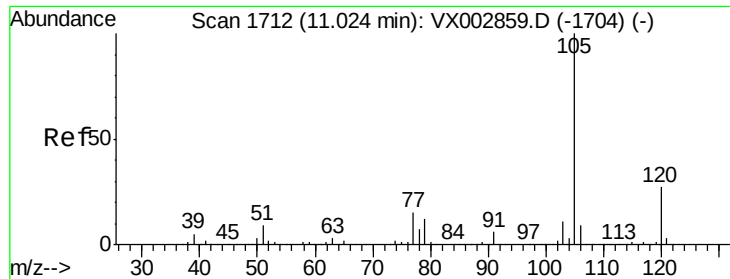
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion:152 Resp: 219288
Ion Ratio Lower Upper
152 100
115 63.0 40.1 120.2
150 161.9 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.39 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

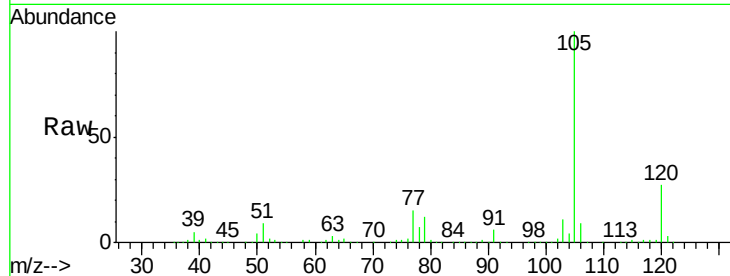
ClientSampleId :

Tot Ion:105 Resp: 300756

Ion Ratio Lower Upper

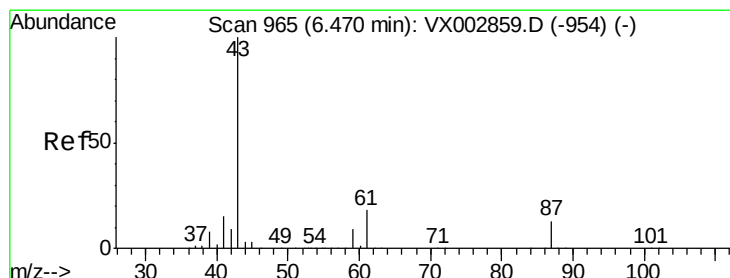
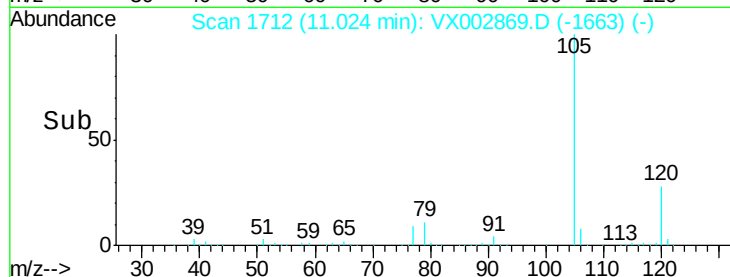
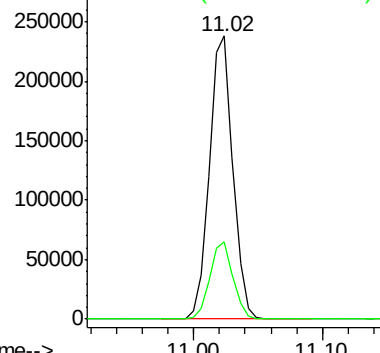
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.18 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Tgt Ion: 43 Resp: 145642

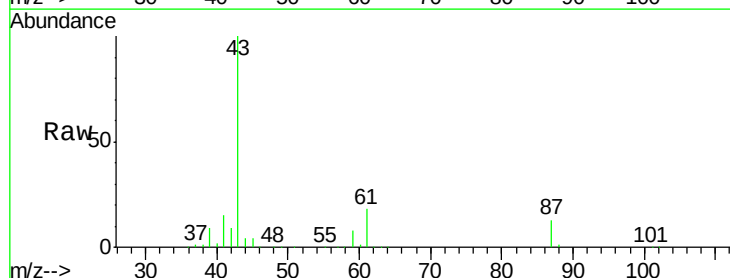
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.3 14.4 21.6

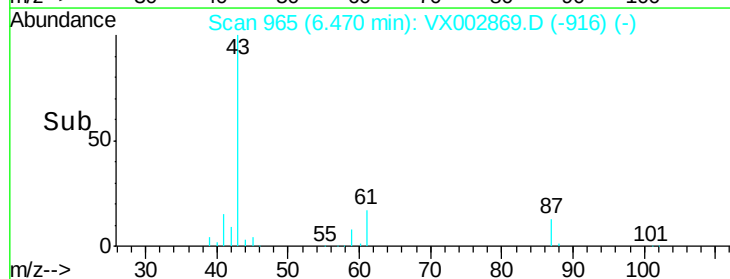
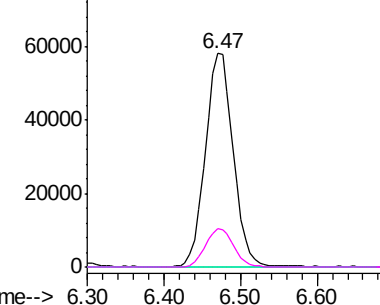


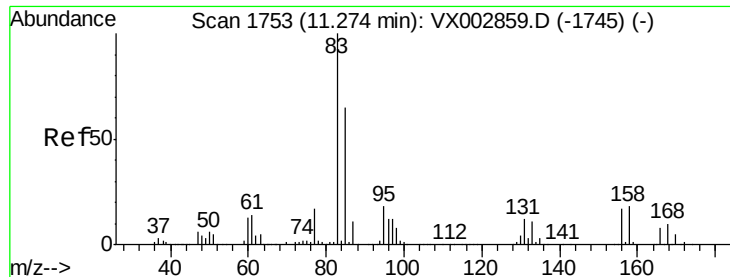
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.23 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

ClientSampled :

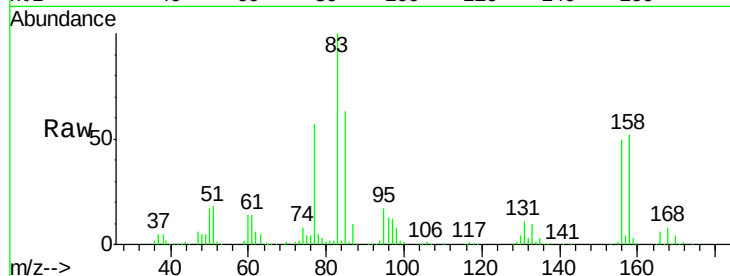
Tot Ion: 83 Resp: 91952

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

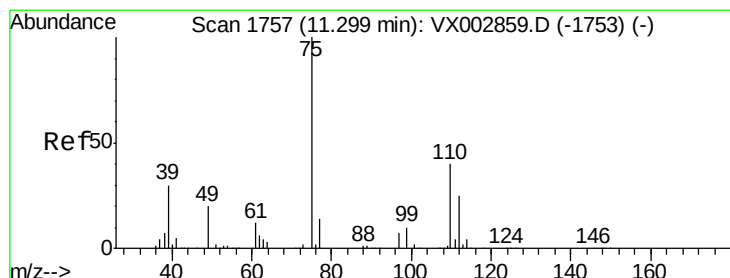
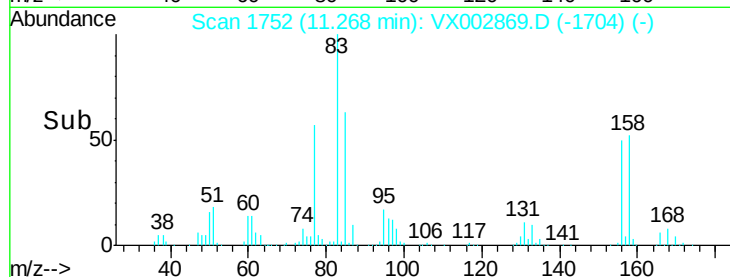
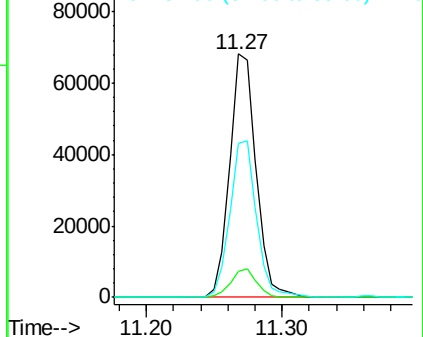
85 64.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.03 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002869.D

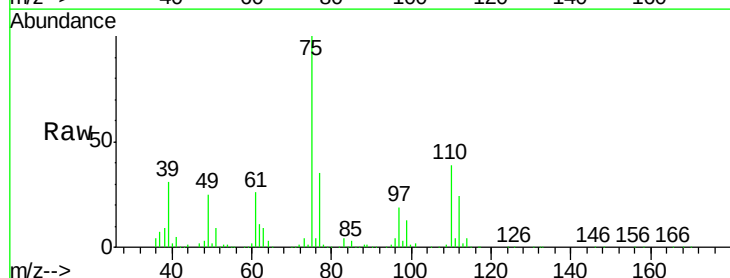
Acq: 25 Jun 2018 19:55

Tgt Ion: 75 Resp: 103399

Ion Ratio Lower Upper

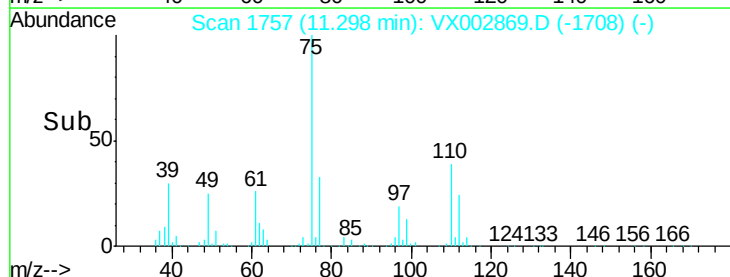
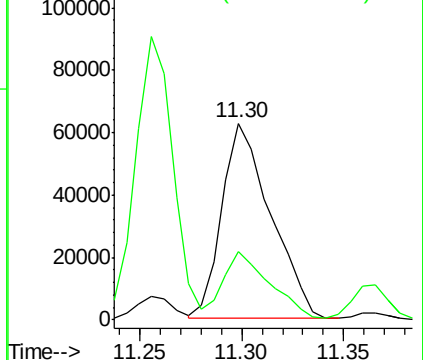
75 100

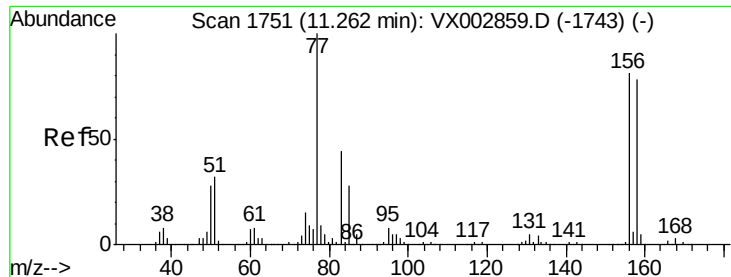
77 33.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.52 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

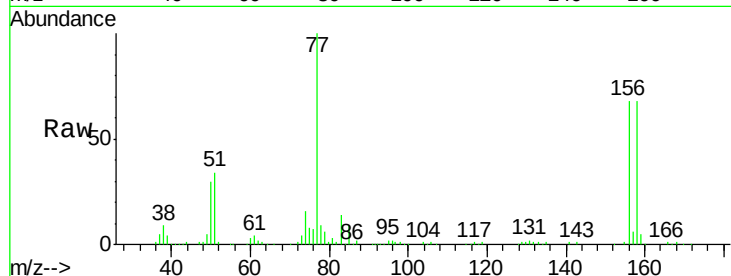
Tot Ion:156 Resp: 82000

Ion Ratio Lower Upper

156 100

77 141.6 71.4 214.2

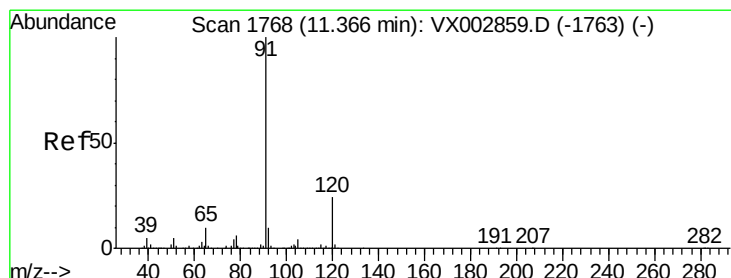
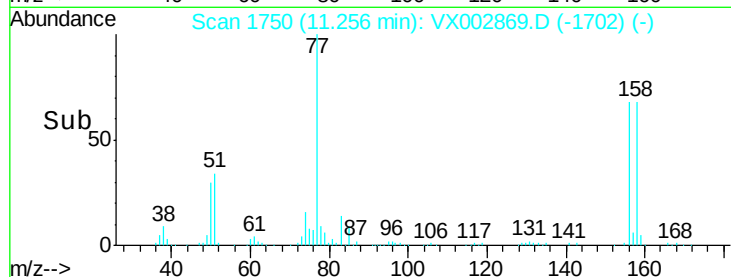
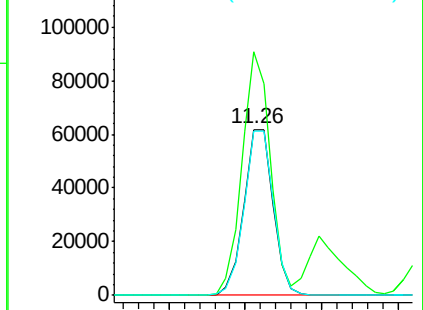
158 99.6 48.9 146.6



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: 20.19 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002869.D

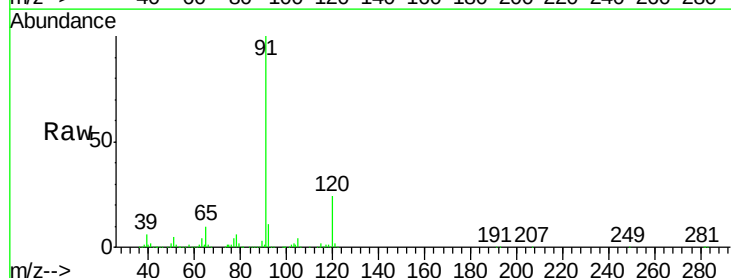
Acq: 25 Jun 2018 19:55

Tgt Ion: 91 Resp: 339029

Ion Ratio Lower Upper

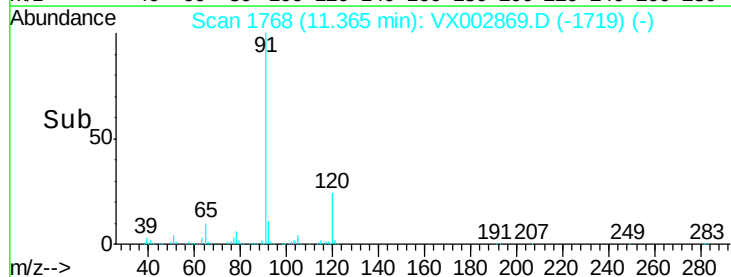
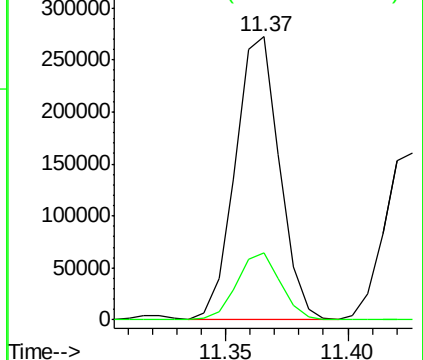
91 100

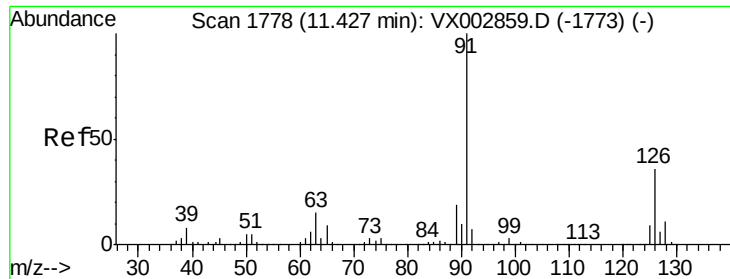
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.16 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

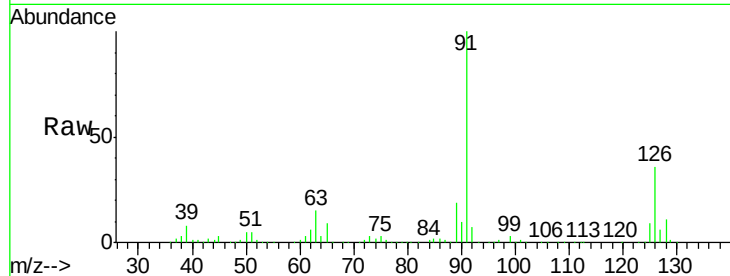
ClientSampleId :

Tot Ion: 91 Resp: 204971

Ion Ratio Lower Upper

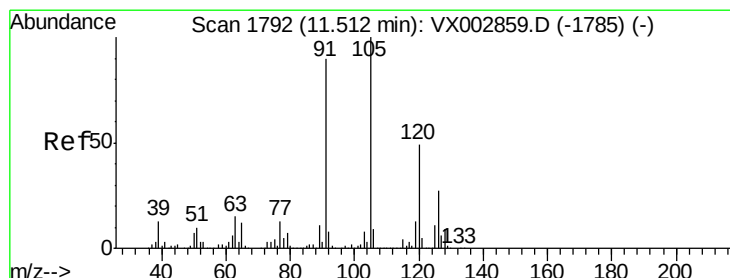
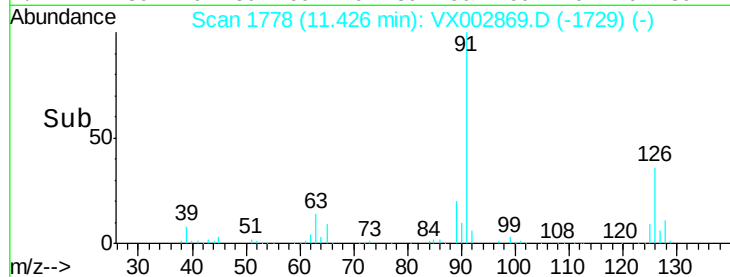
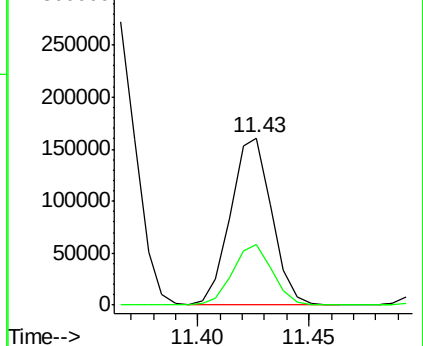
91 100

126 35.7 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.32 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002869.D

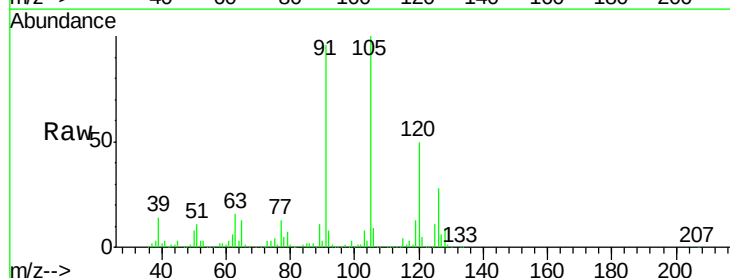
Acq: 25 Jun 2018 19:55

Tgt Ion:105 Resp: 252524

Ion Ratio Lower Upper

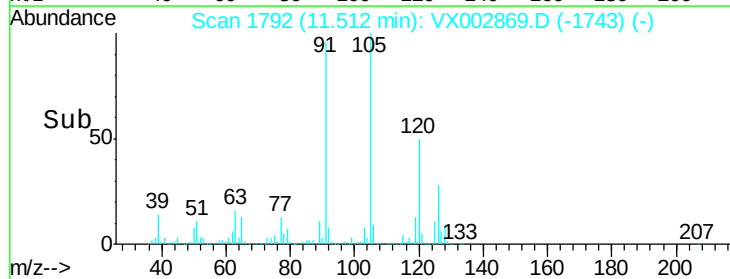
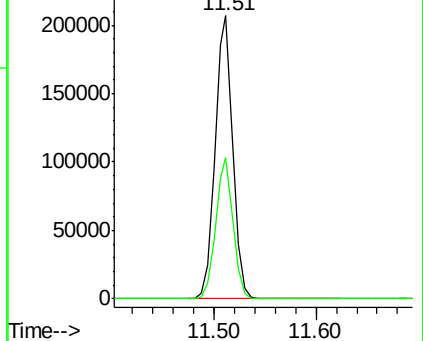
105 100

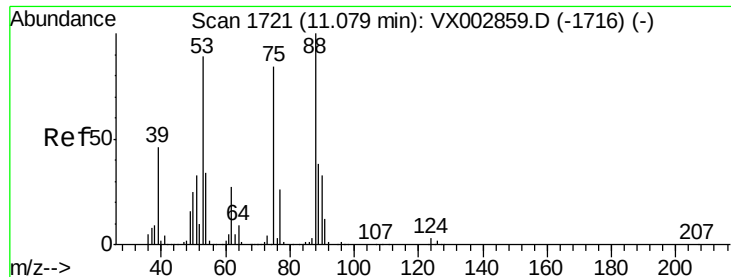
120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.33 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

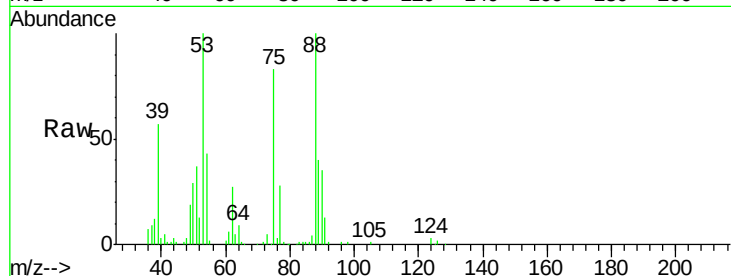
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 75 Resp: 21970

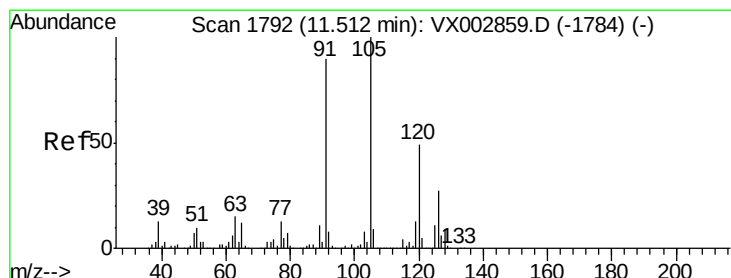
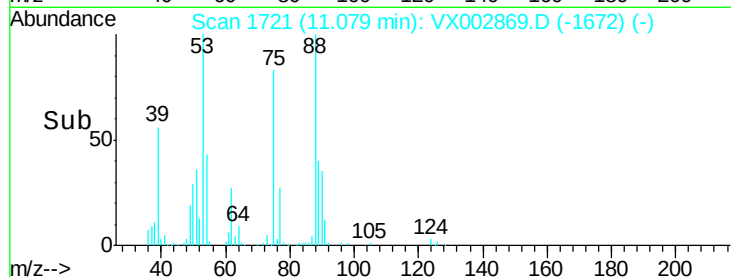
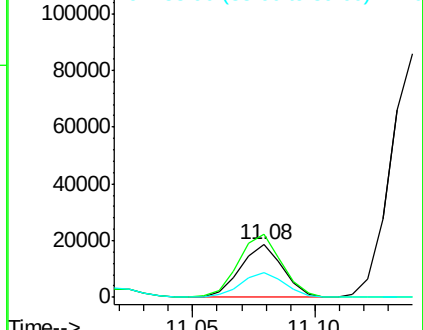
Ion	Ratio	Lower	Upper
75	100		
53	122.9	86.8	130.2
89	49.7	38.2	57.2



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: 19.92 ug/l

RT: 11.51 min Scan# 1792

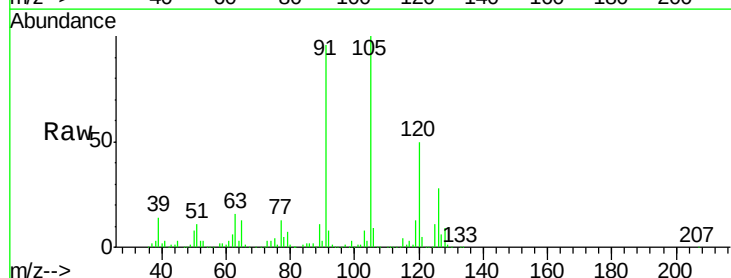
Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

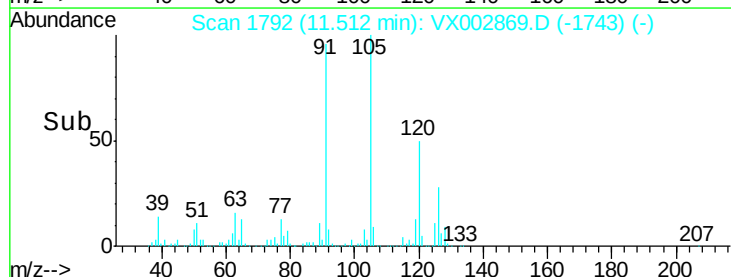
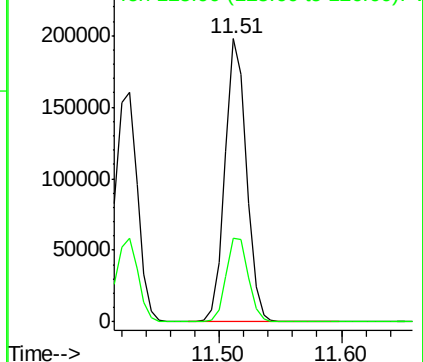
Tgt Ion: 91 Resp: 239709

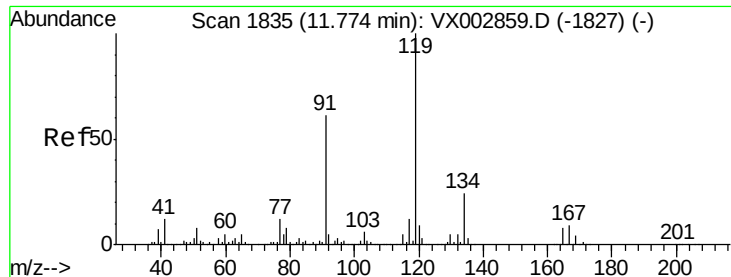
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

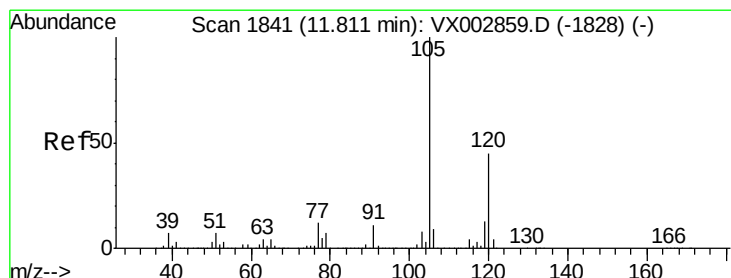
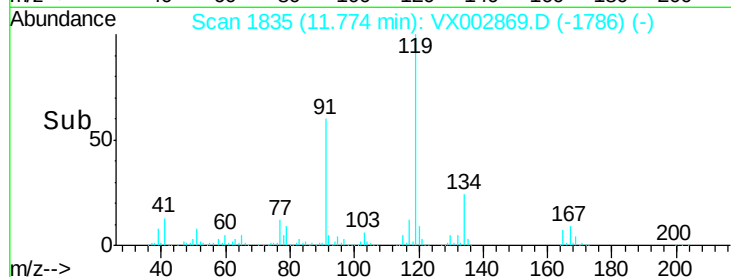
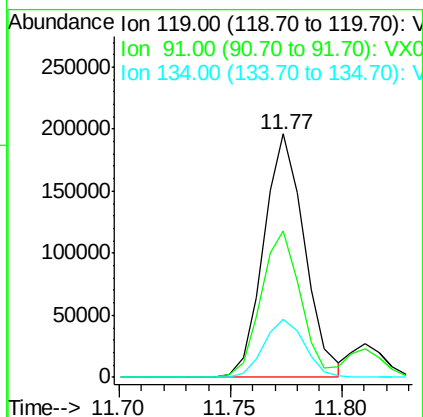
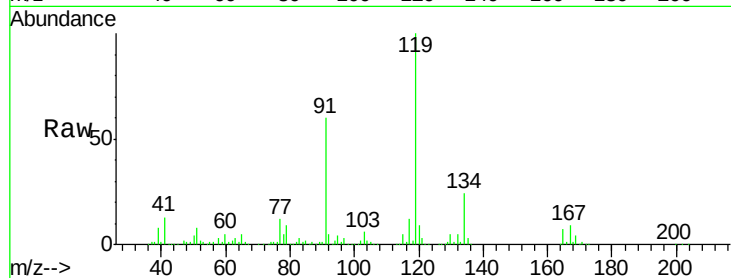




#83
 tert-Butylbenzene
 Concen: 20.44 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002869.D
 Acq: 25 Jun 2018 19:55

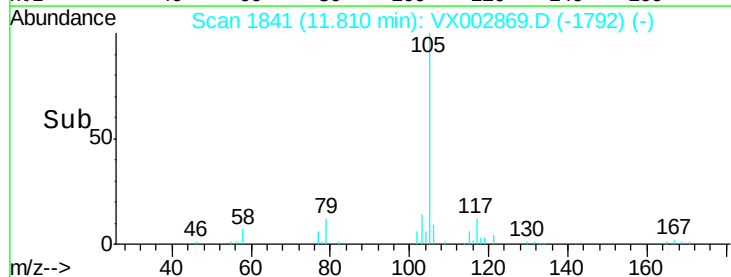
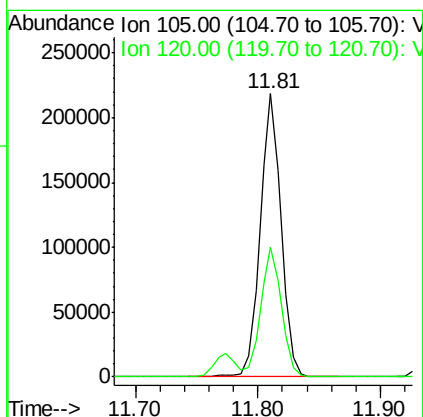
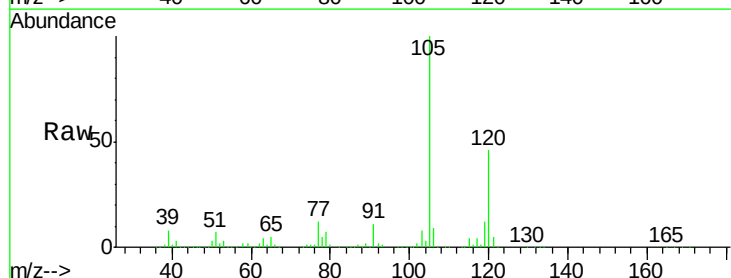
Instrument :
 MSVOA_X
 ClientSampleId :

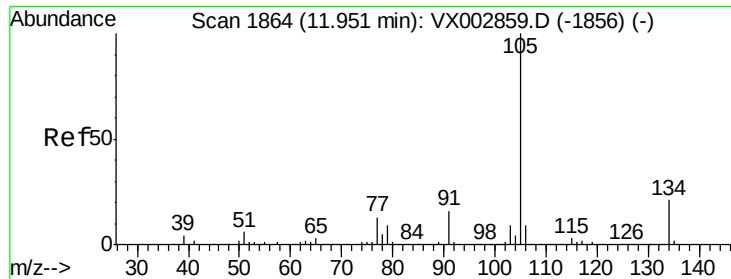
Tot Ion:119 Resp: 250297
 Ion Ratio Lower Upper
 119 100
 91 58.8 30.3 90.9
 134 24.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.28 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002869.D
 Acq: 25 Jun 2018 19:55

Tgt Ion:105 Resp: 261115
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.19 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

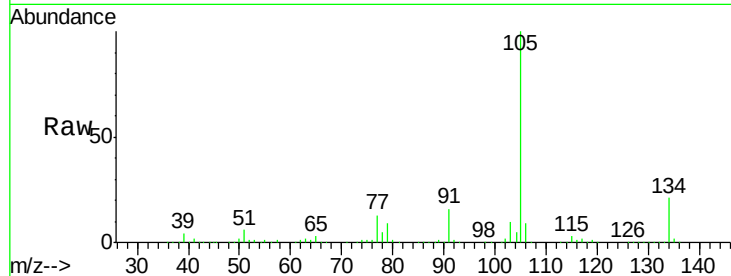
ClientSampled :

Tot Ion:105 Resp: 299967

Ion Ratio Lower Upper

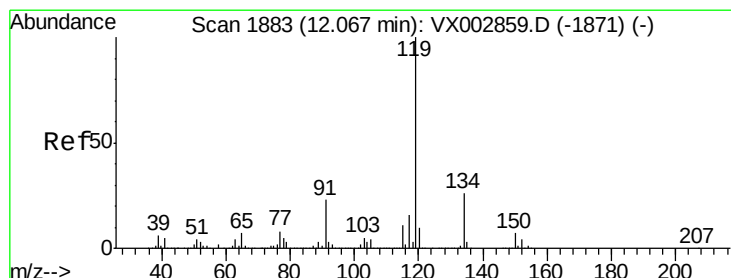
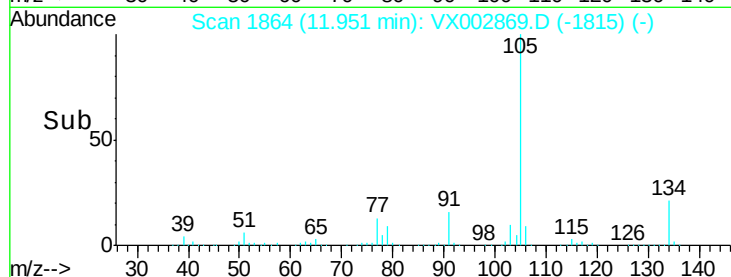
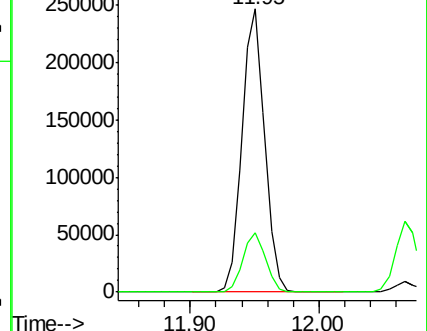
105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.08 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

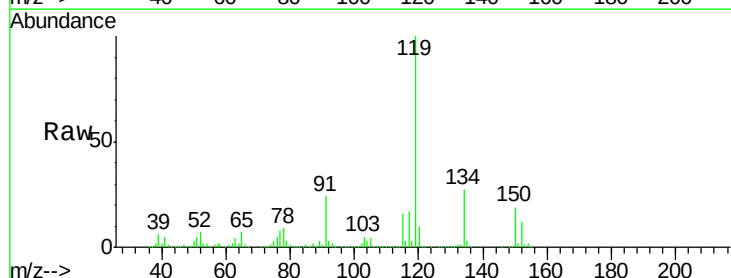
Tgt Ion:119 Resp: 268146

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

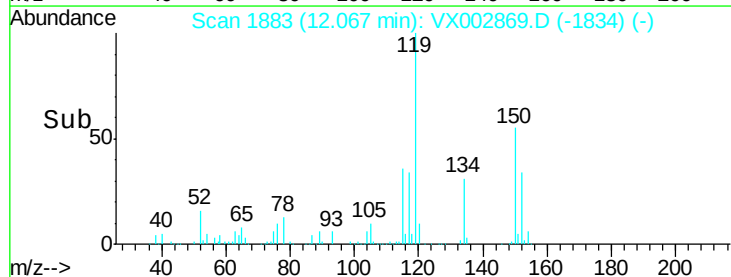
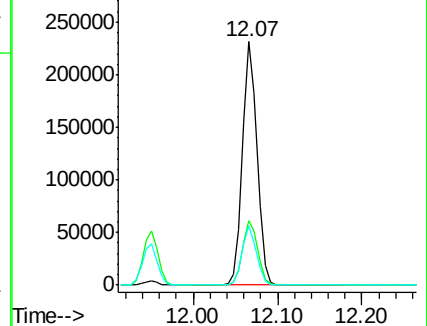
91 24.0 11.9 35.7

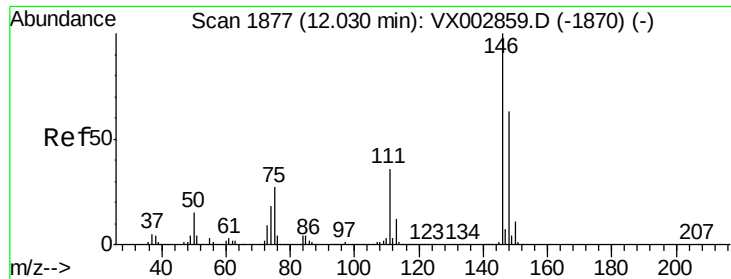


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

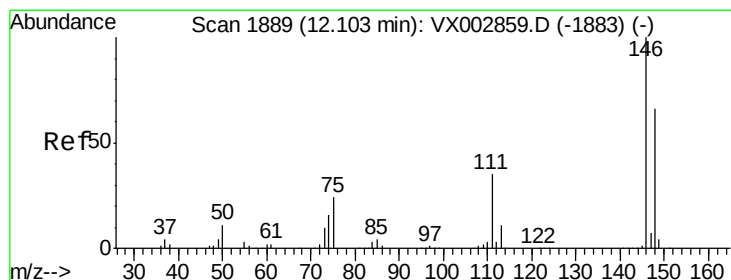
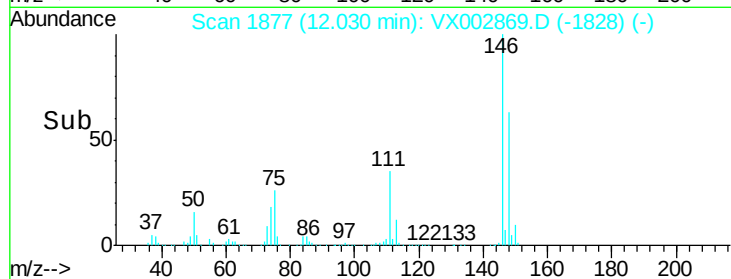
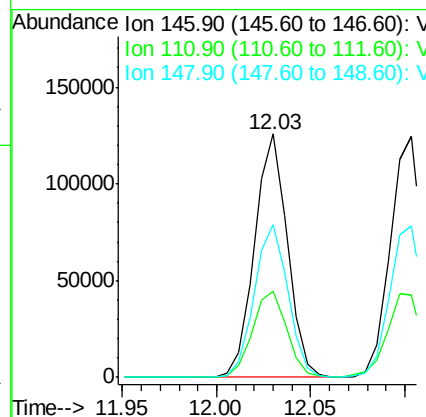
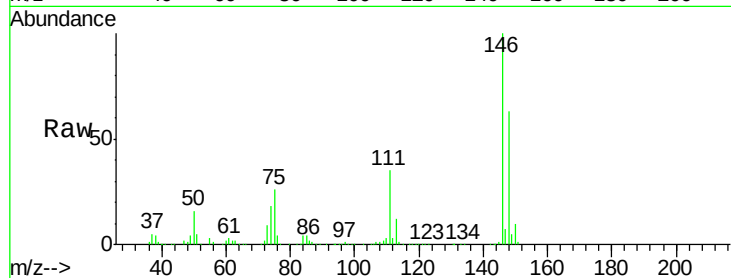




#87
 1,3-Dichlorobenzene
 Concen: 19.79 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002869.D
 Acq: 25 Jun 2018 19:55

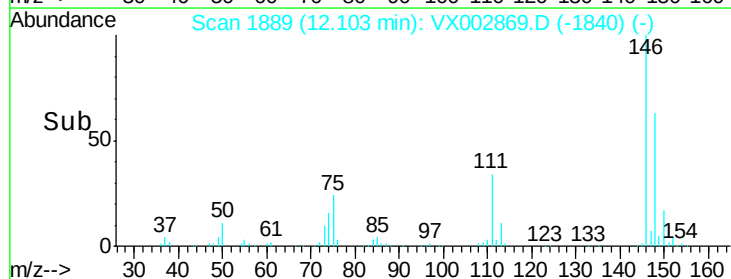
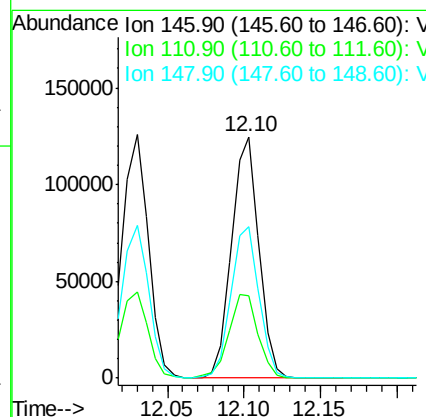
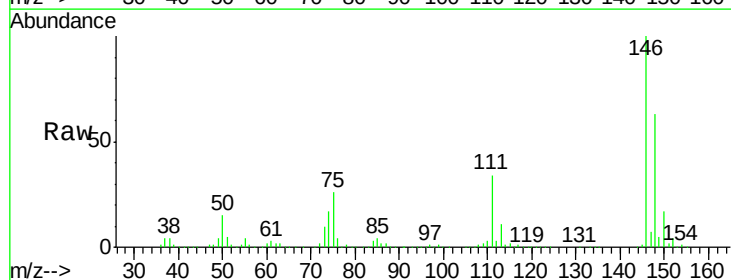
Instrument :
 MSVOA_X
 ClientSampleId :

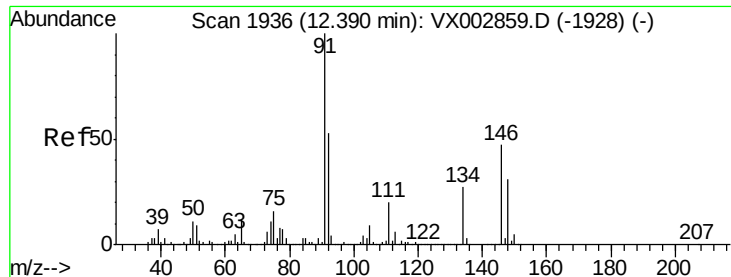
Tot Ion:146 Resp: 151831
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.7
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.47 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002869.D
 Acq: 25 Jun 2018 19:55

Tgt Ion:146 Resp: 153743
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.7 56.1
 148 64.4 32.4 97.0





#89

n-Butylbenzene

Concen: 19.51 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

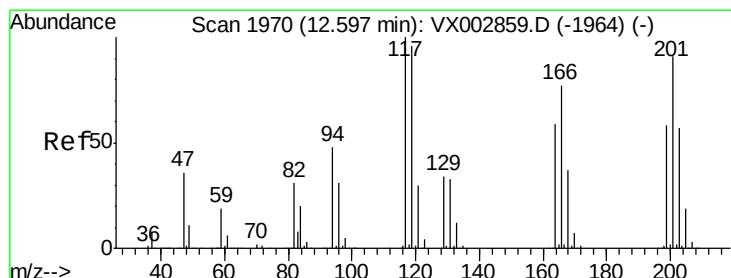
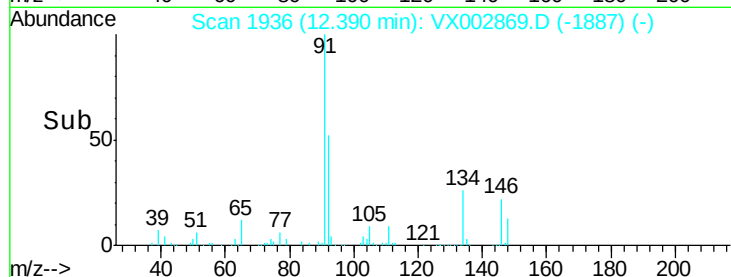
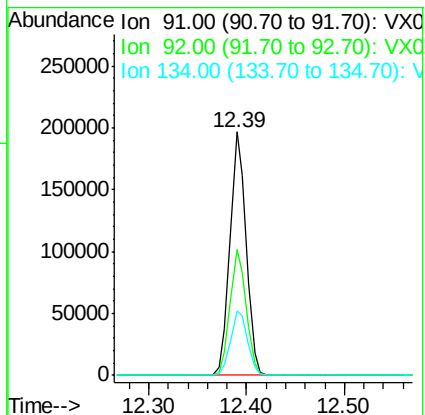
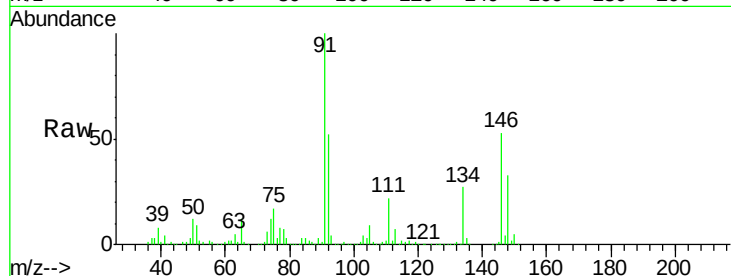
Tot Ion: 91 Resp: 226774

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

134 27.3 13.5 40.5



#90

Hexachloroethane

Concen: 19.48 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002869.D

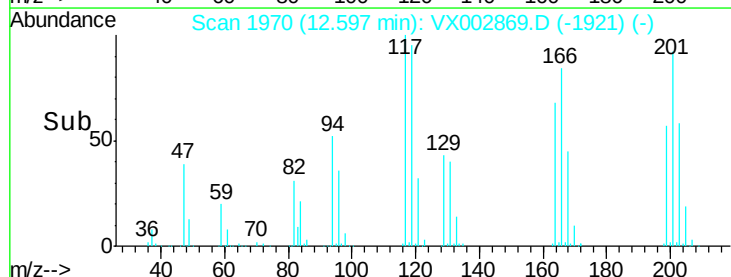
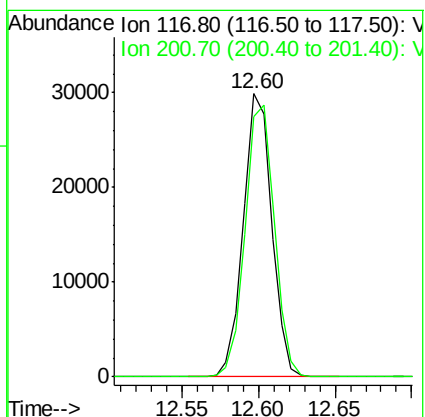
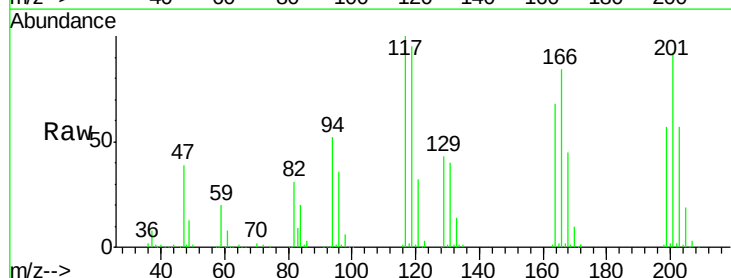
Acq: 25 Jun 2018 19:55

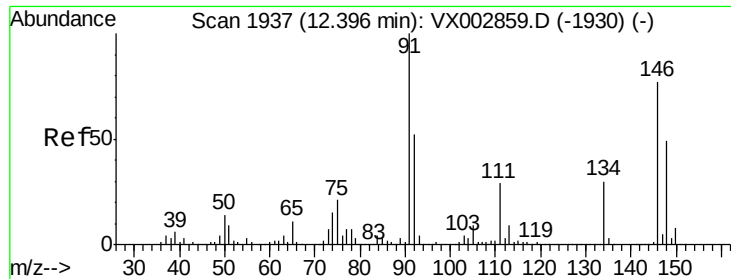
Tgt Ion: 117 Resp: 38702

Ion Ratio Lower Upper

117 100

201 98.8 49.0 147.0

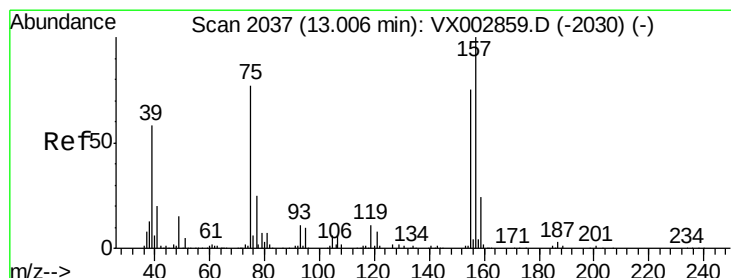
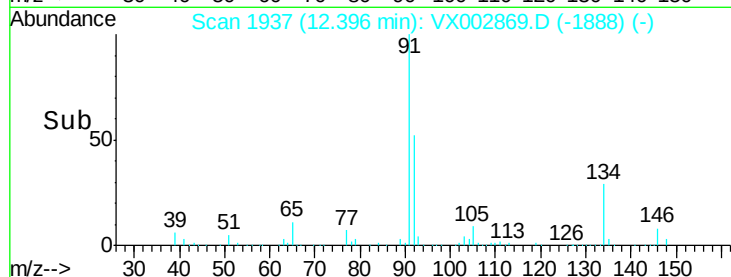
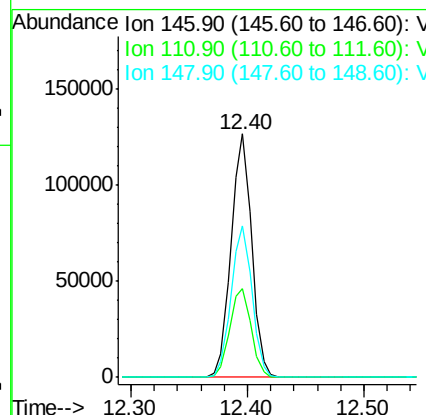
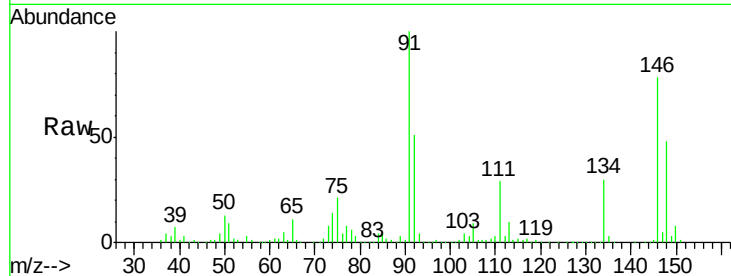




#91
1,2-Dichlorobenzene
Concen: 20.02 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

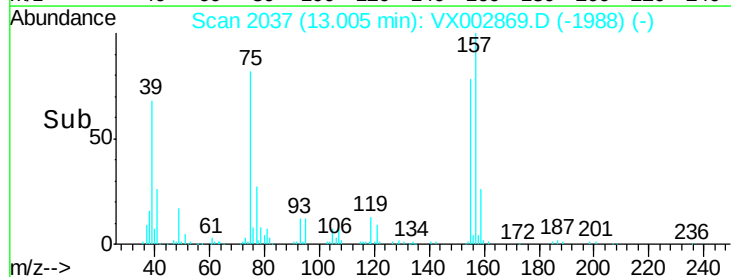
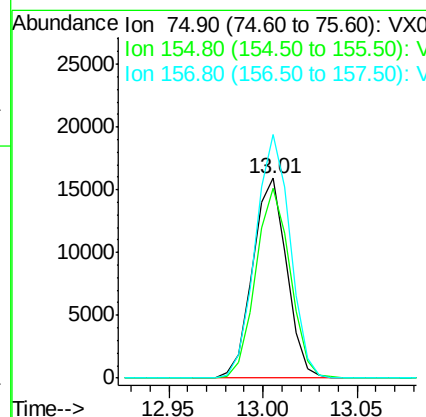
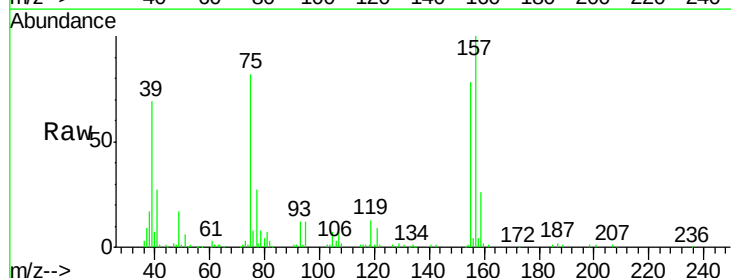
Instrument :
MSVOA_X
ClientSampleId :

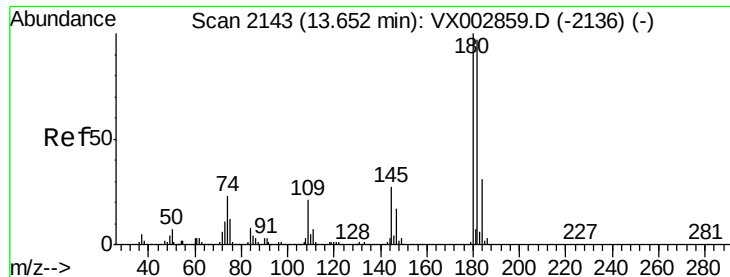
Tot Ion:146 Resp: 155022
Ion Ratio Lower Upper
146 100
111 38.0 19.4 58.1
148 63.2 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.45 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion: 75 Resp: 19865
Ion Ratio Lower Upper
75 100
155 96.1 45.8 137.4
157 124.1 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 19.51 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

Instrument :

MSVOA_X

ClientSampleId :

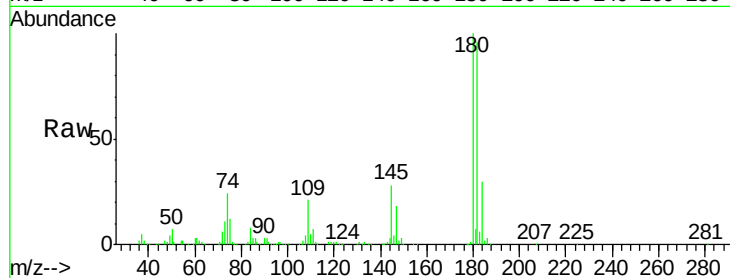
Tot Ion:180 Resp: 109935

Ion Ratio Lower Upper

180 100

182 95.9 47.7 143.1

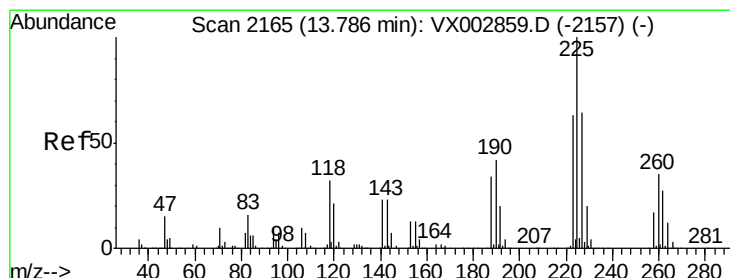
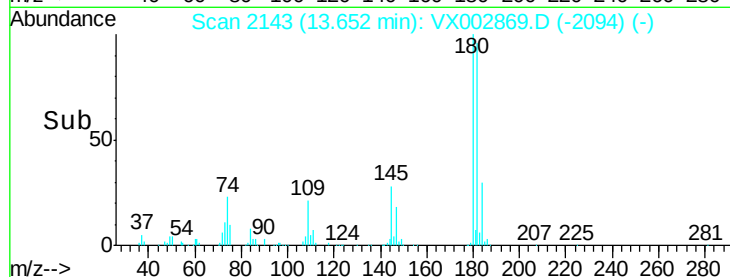
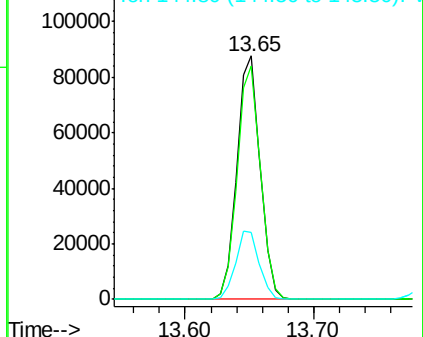
145 28.6 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.72 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002869.D

Acq: 25 Jun 2018 19:55

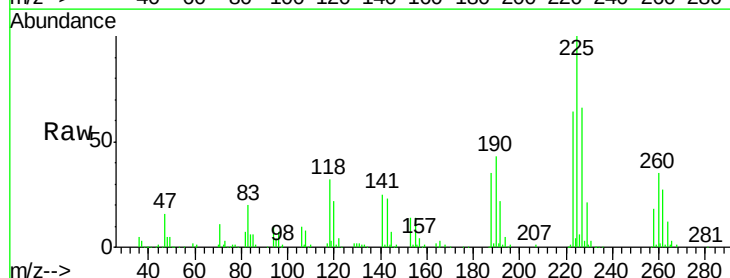
Tgt Ion:225 Resp: 55443

Ion Ratio Lower Upper

225 100

223 63.1 31.6 95.0

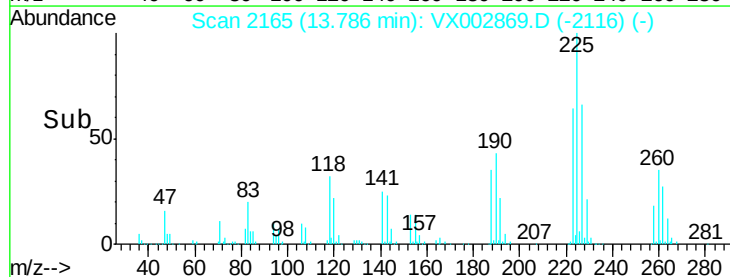
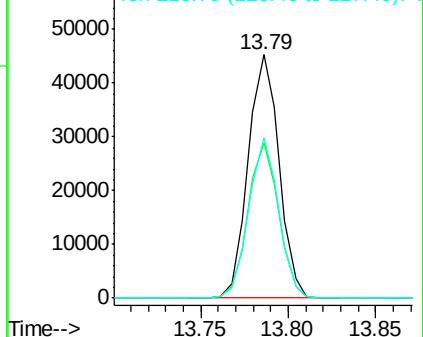
227 63.8 32.4 97.2

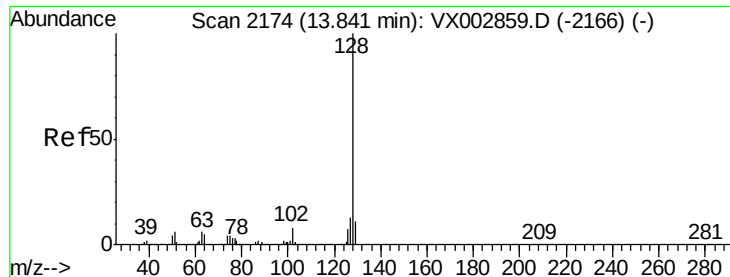


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

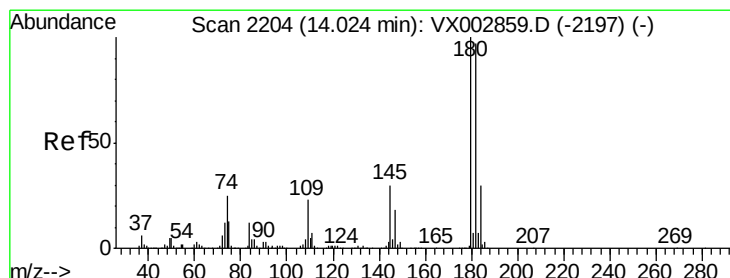
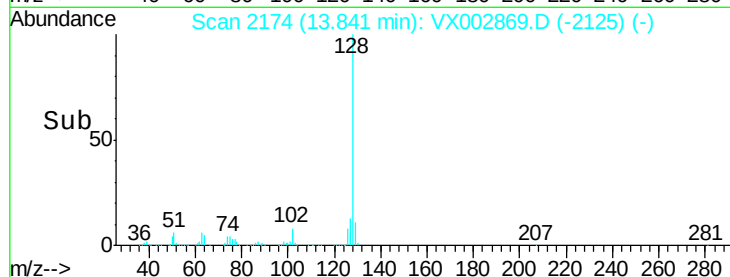
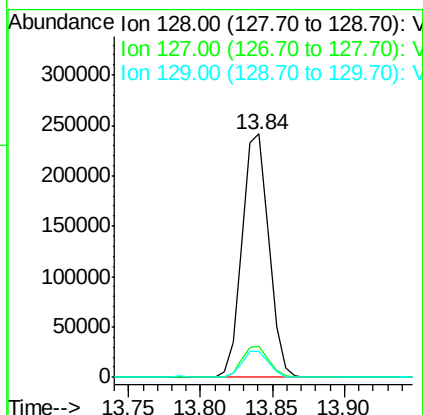
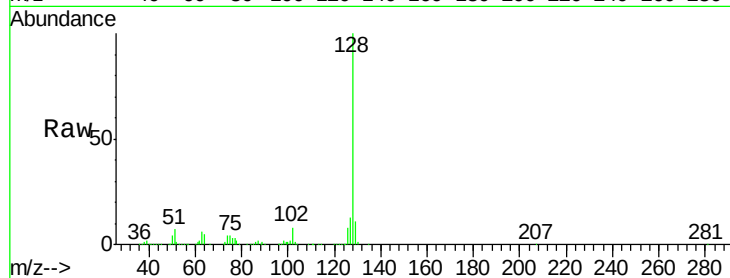




#95
Naphthalene
Concen: 20.73 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 311163
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.01 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002869.D
Acq: 25 Jun 2018 19:55

Tgt Ion:180 Resp: 112622
Ion Ratio Lower Upper
180 100
182 96.4 48.0 144.0
145 29.4 14.8 44.3

