

Data File : VX001971.D

Acq On : 25 May 2018 12:37

Operator : JC/MD

Sample : VX0525MBS01

Misc : 5.0g/10mL/100uL/5mL/MSVOA_X/MEOH

ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBS01

Quant Time: May 26 00:35:00 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M

Quant Title : SW846 8260

QLast Update : Thu May 24 13:09:03 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	377001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	228603	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	240899	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
35) Dibromofluoromethane	5.51	113	185758	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	8.72	98	676457	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.14	95	258347	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68903	19.09	ug/l	97
3) Chloromethane	1.32	50	81456	19.57	ug/l	100
4) Vinyl Chloride	1.40	62	80859	20.12	ug/l	99
5) Bromomethane	1.64	94	50542	26.87	ug/l	99
6) Chloroethane	1.72	64	47833	20.19	ug/l	98
7) Trichlorofluoromethane	1.93	101	127986	21.20	ug/l	100
8) Diethyl Ether	2.19	74	49490	22.60	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	70912	21.05	ug/l	100
10) Methyl Iodide	2.51	142	95601	20.98	ug/l	100
11) Tert butyl alcohol	3.09	59	113935	120.03	ug/l	99
12) 1,1-Dichloroethene	2.37	96	64695	20.52	ug/l	95
13) Acrolein	2.30	56	42840	104.38	ug/l	100
14) Allyl chloride	2.73	41	142065	21.46	ug/l	99
15) Acrylonitrile	3.15	53	215789	110.55	ug/l	99
16) Acetone	2.45	43	216666	116.09	ug/l	100
17) Carbon Disulfide	2.57	76	184320	20.31	ug/l	99
18) Methyl Acetate	2.78	43	106947	23.18	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	258733	21.82	ug/l	99
20) Methylene Chloride	2.86	84	77725	23.16	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	68864	21.53	ug/l	95
22) Diisopropyl ether	3.88	45	276889	20.57	ug/l	99
23) Vinyl Acetate	3.83	43	1252672	112.22	ug/l	99
24) 1,1-Dichloroethane	3.70	63	138978	21.73	ug/l	99
25) 2-Butanone	4.71	43	350372	102.43	ug/l	99
26) 2,2-Dichloropropane	4.59	77	125338	19.36	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	81380	19.79	ug/l	93
28) Bromochloromethane	5.03	49	64492	22.89	ug/l	100
29) Tetrahydrofuran	5.18	42	225174	101.18	ug/l	99
30) Chloroform	5.22	83	140012	19.43	ug/l	98
31) Cyclohexane	5.58	56	124654	18.71	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	130029	19.36	ug/l	99
36) 1,1-Dichloropropene	5.81	75	99904	19.05	ug/l	98
37) Ethyl Acetate	4.87	43	136133	19.91	ug/l	100
38) Carbon Tetrachloride	5.79	117	117586	19.23	ug/l	95

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBS01

Quant Time: May 26 00:35:00 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M

Quant Title : SW846 8260

QLast Update : Thu May 24 13:09:03 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	122896	19.08	ug/l	98
40) Benzene	6.15	78	305189	19.87	ug/l	100
41) Methacrylonitrile	5.07	41	76722	20.46	ug/l	99
42) 1,2-Dichloroethane	6.20	62	121790	19.85	ug/l	99
43) Isopropyl Acetate	6.48	43	230683	20.25	ug/l	99
44) Trichloroethene	7.22	130	88905	19.86	ug/l	99
45) 1,2-Dichloropropane	7.52	63	83020	19.90	ug/l	99
46) Dibromomethane	7.67	93	56520	20.46	ug/l	100
47) Bromodichloromethane	7.90	83	115916	19.68	ug/l	99
48) Methyl methacrylate	7.79	41	115836	19.98	ug/l	98
49) 1,4-Dioxane	7.76	88	43350	424.31	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	716814	104.39	ug/l	98
52) Toluene	8.79	92	189980	19.43	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	132915	19.59	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	129318	19.56	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	81456	19.94	ug/l	98
56) Ethyl methacrylate	9.19	69	137558	19.58	ug/l	99
57) 1,3-Dichloropropane	9.38	76	135789	20.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	323997	104.05	ug/l	100
59) 2-Hexanone	9.50	43	552159	104.28	ug/l	99
60) Dibromochloromethane	9.59	129	96264	19.90	ug/l	99
61) 1,2-Dibromoethane	9.68	107	85436	19.93	ug/l	98
64) Tetrachloroethene	9.34	164	97301	19.39	ug/l	99
65) Chlorobenzene	10.15	112	217555	19.62	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	86342	19.29	ug/l	99
67) Ethyl Benzene	10.26	91	375416	19.49	ug/l	100
68) m/p-Xylenes	10.37	106	285973	38.84	ug/l	100
69) o-Xylene	10.70	106	142258	19.35	ug/l	100
70) Styrene	10.72	104	235840	19.34	ug/l	99
71) Bromoform	10.87	173	80550	18.98	ug/l #	100
73) Isopropylbenzene	11.02	105	380130	19.64	ug/l	99
74) N-amyl acetate	6.48	43	230683	21.15	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	116820	21.34	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	152903	27.85	ug/l	82
77) Bromobenzene	11.26	156	99813	19.43	ug/l	98
78) n-propylbenzene	11.37	91	420839	19.41	ug/l	100
79) 2-Chlorotoluene	11.43	91	257825	20.31	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	322169	19.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	42763	18.72	ug/l	98
82) 4-Chlorotoluene	11.52	91	296492	19.39	ug/l	100
83) tert-Butylbenzene	11.77	119	315003	19.40	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	330010	19.30	ug/l	100
85) sec-Butylbenzene	11.95	105	382184	19.58	ug/l	99
86) p-Isopropyltoluene	12.07	119	340614	19.51	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	177474	19.29	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	177445	19.30	ug/l	99
89) n-Butylbenzene	12.39	91	283806	19.18	ug/l	99
90) Hexachloroethane	12.60	117	64483	18.72	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	183990	19.63	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	32623	18.95	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Quantitation Report (Not Reviewed)

Data File : VX001971.D
Acq On : 25 May 2018 12:37
Operator : JC/MD
Sample : VX0525MBS01
Misc : 5.0g/10mL/100uL/5mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0525MBS01

Quant Time: May 26 00:35:00 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

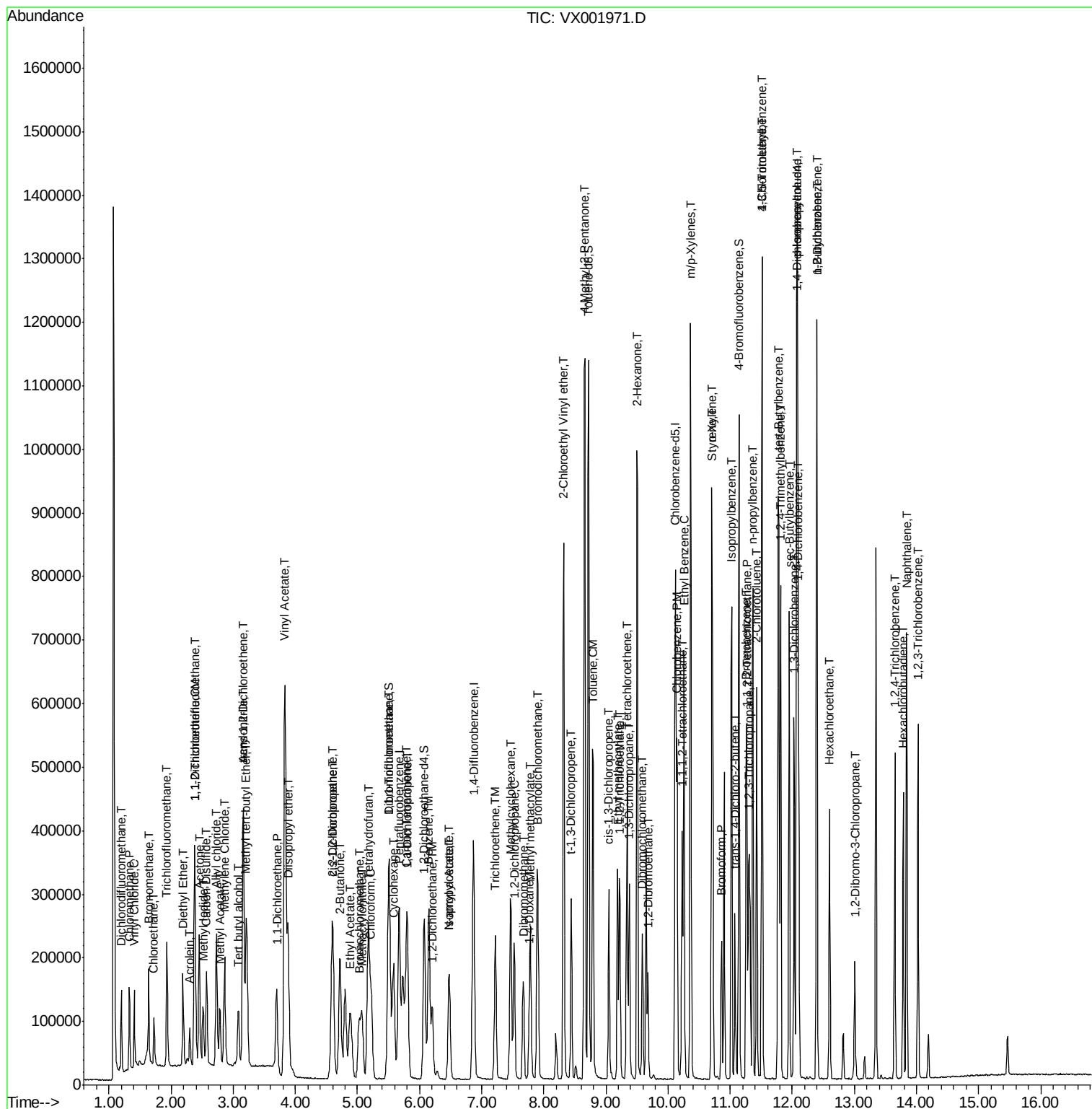
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	130206	19.43	ug/l	99
94) Hexachlorobutadiene	13.79	225	68876	19.11	ug/l	99
95) Naphthalene	13.84	128	413491	20.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136501	19.69	ug/l	100

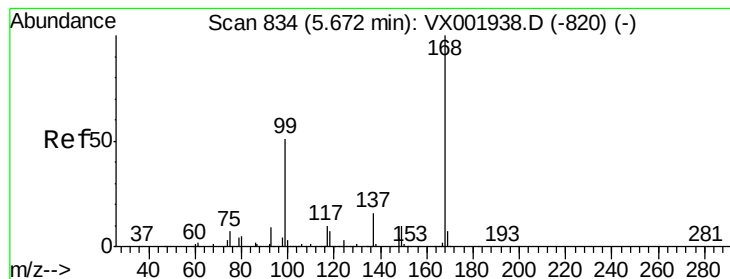
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 6 Sample Multiplier: 1

VX0525MBS01

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

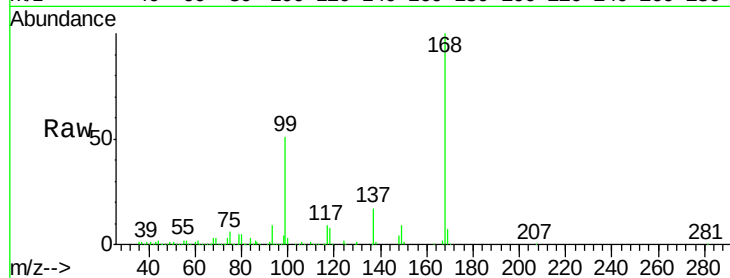
VX0525MBS01

Tgt Ion:168 Resp: 270539

Ion Ratio Lower Upper

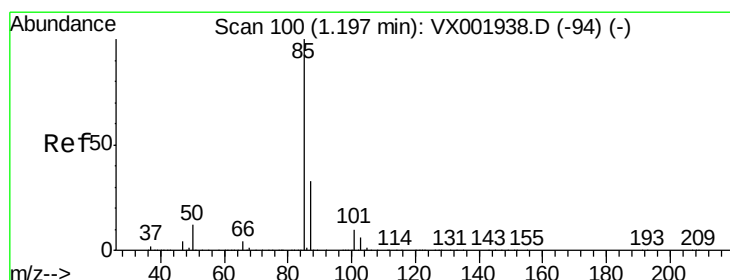
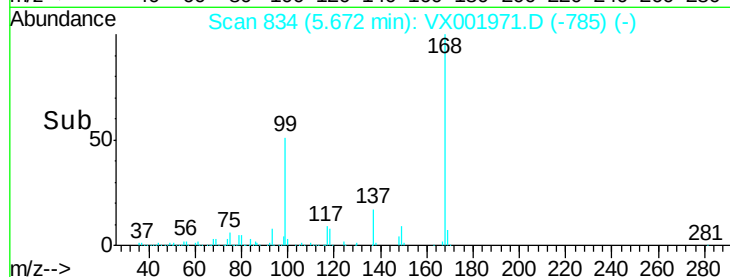
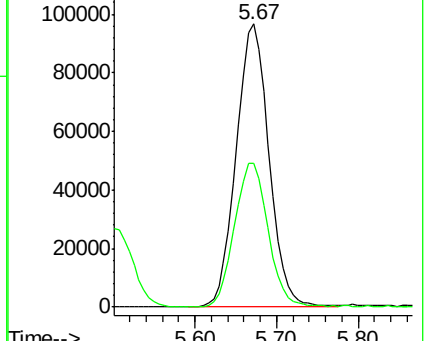
168 100

99 50.8 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.09 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001971.D

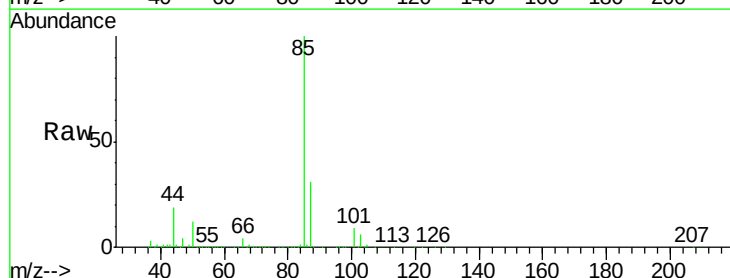
Acq: 25 May 2018 12:37

Tgt Ion: 85 Resp: 68903

Ion Ratio Lower Upper

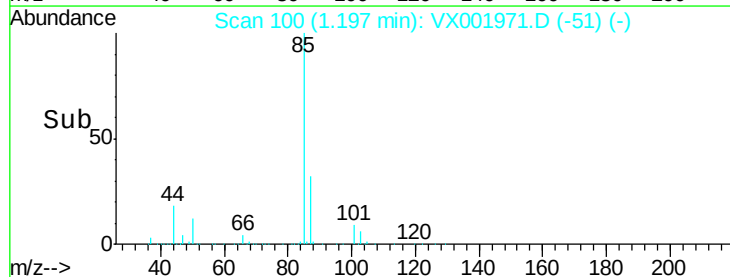
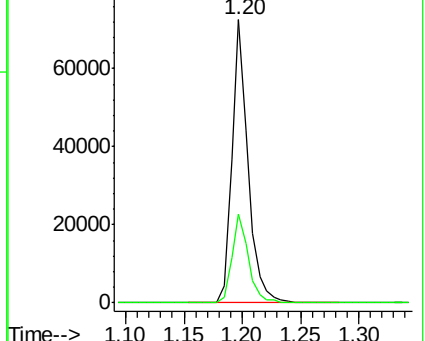
85 100

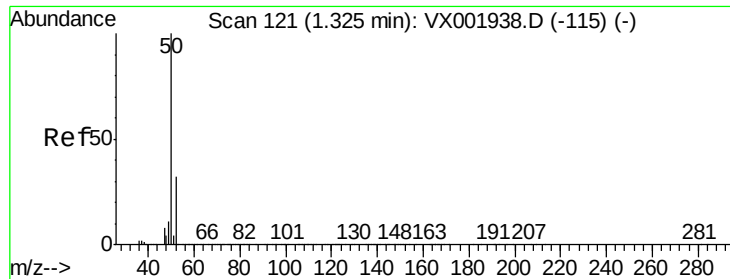
87 31.5 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.57 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

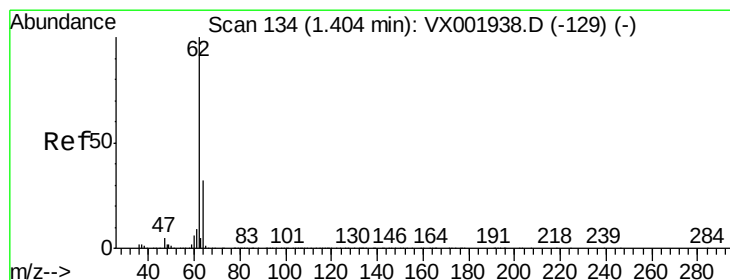
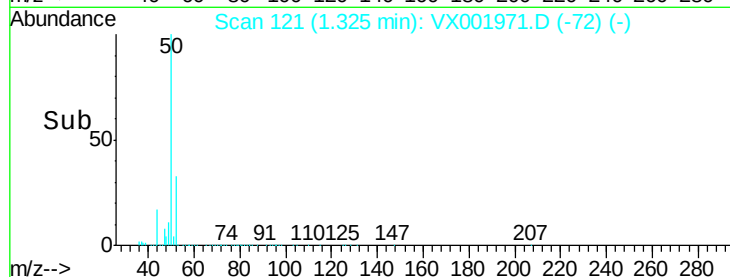
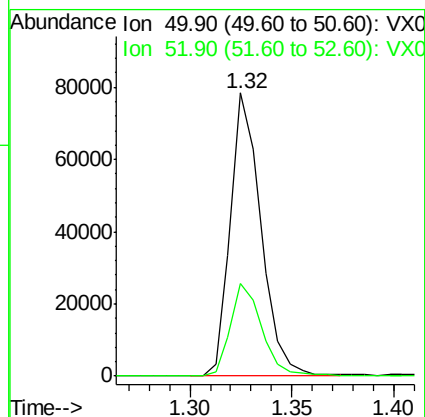
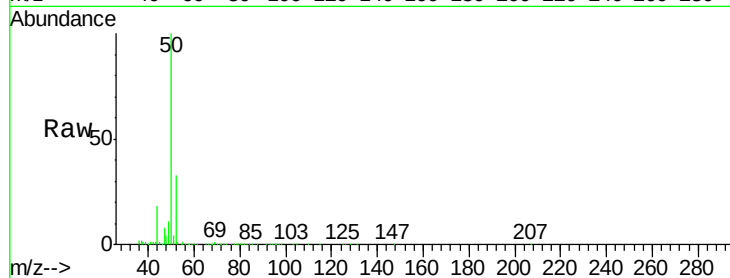
VX0525MBS01

Tgt Ion: 50 Resp: 81456

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 20.12 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001971.D

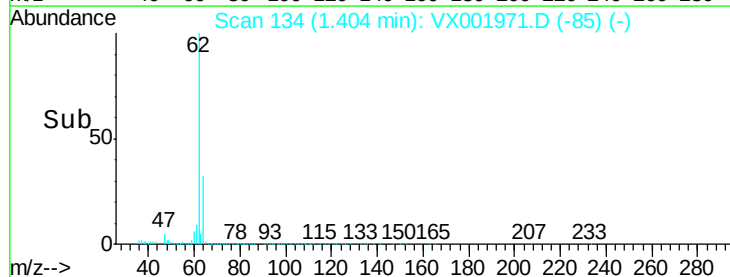
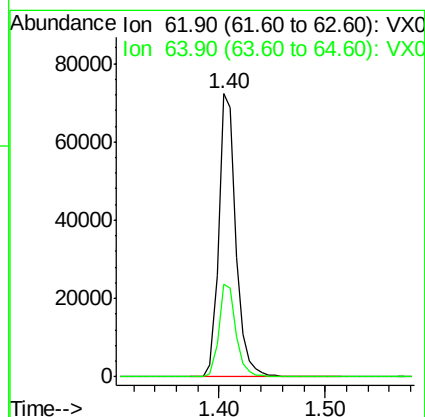
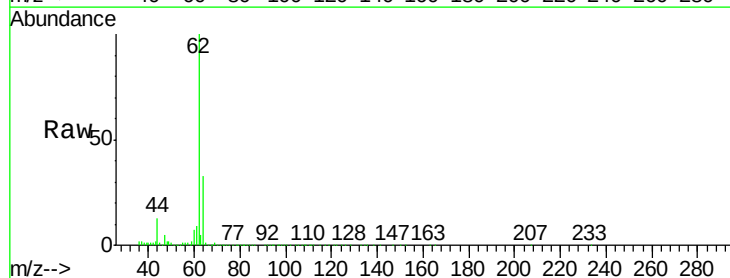
Acq: 25 May 2018 12:37

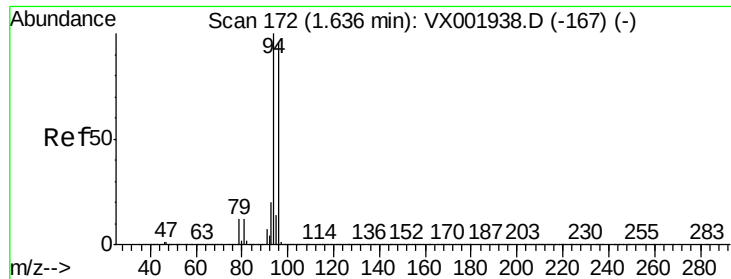
Tgt Ion: 62 Resp: 80859

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 26.87 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

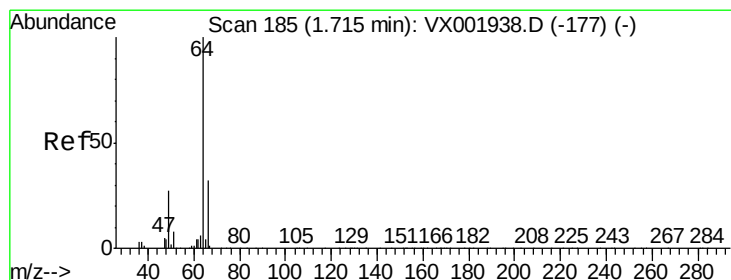
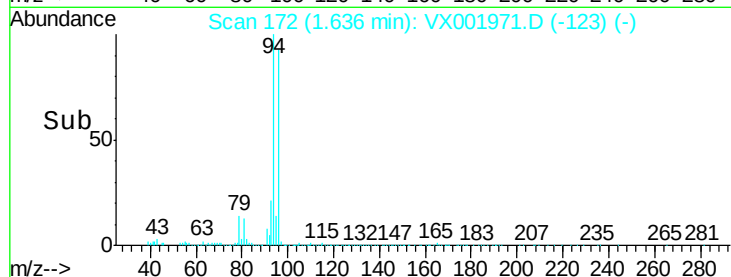
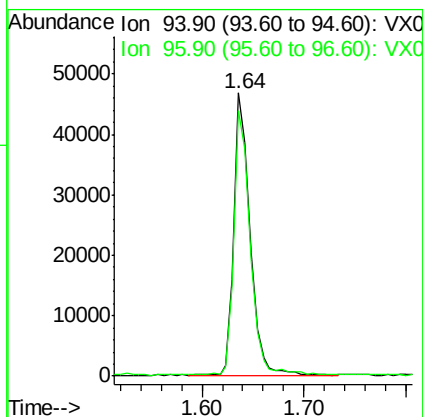
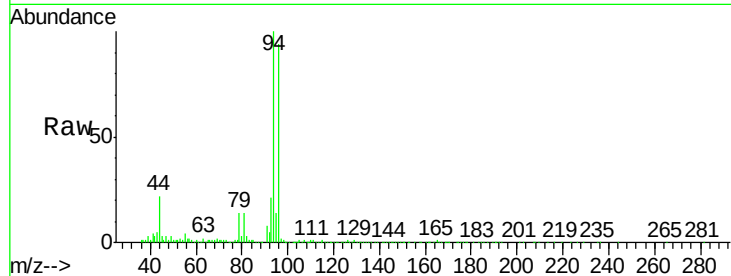
VX0525MBS01

Tgt Ion: 94 Resp: 50542

Ion Ratio Lower Upper

94 100

96 93.5 75.9 113.9



#6

Chloroethane

Concen: 20.19 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001971.D

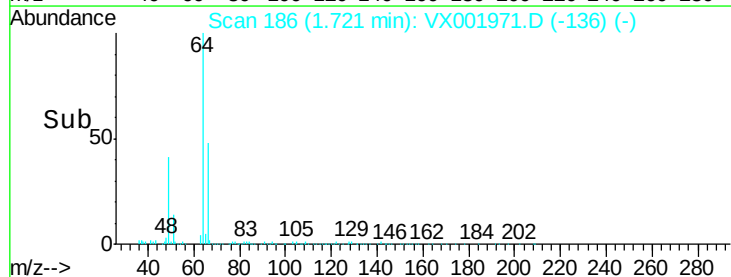
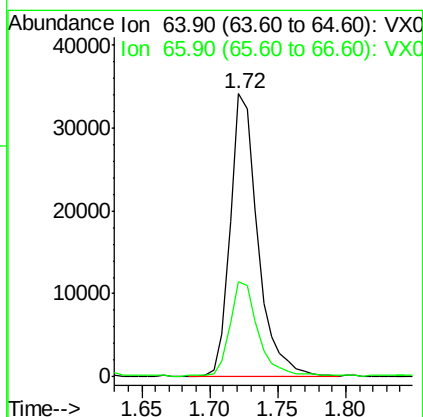
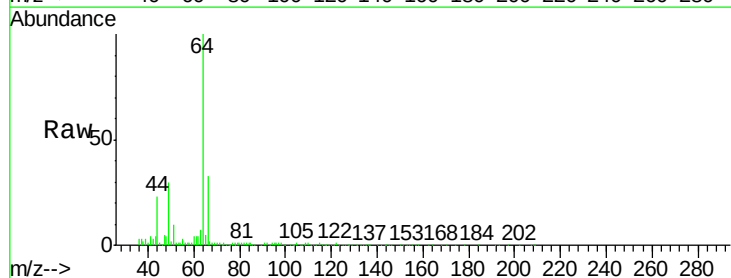
Acq: 25 May 2018 12:37

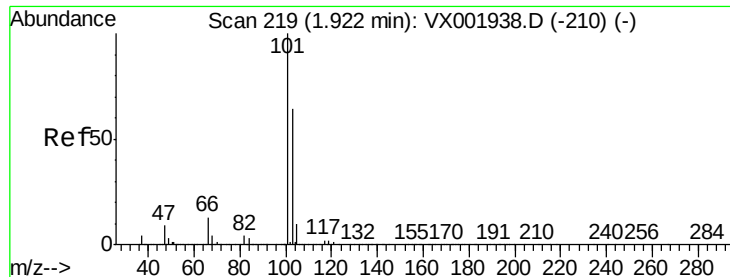
Tgt Ion: 64 Resp: 47833

Ion Ratio Lower Upper

64 100

66 33.1 25.6 38.4



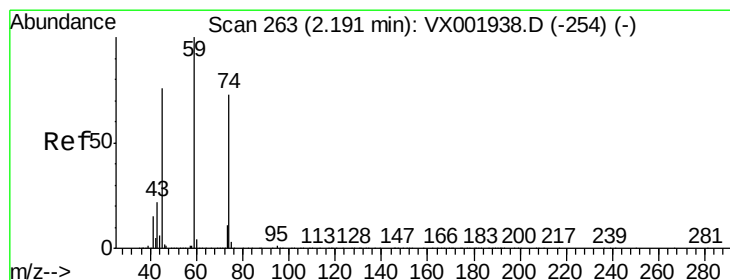
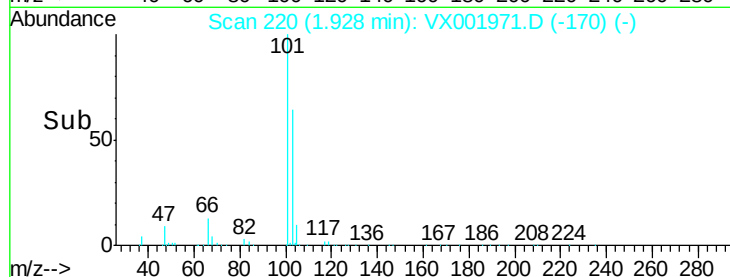
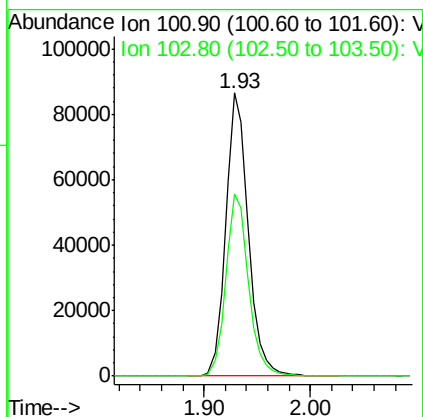
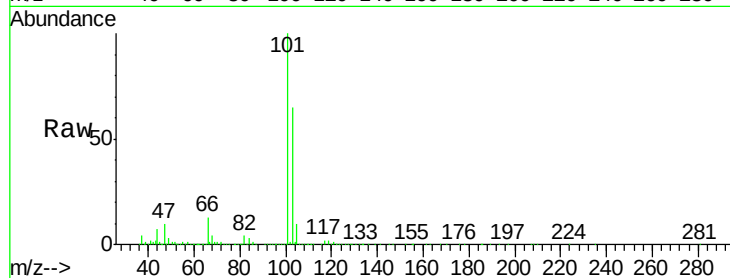


#7

Trichlorofluoromethane
Concen: 21.20 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBS01

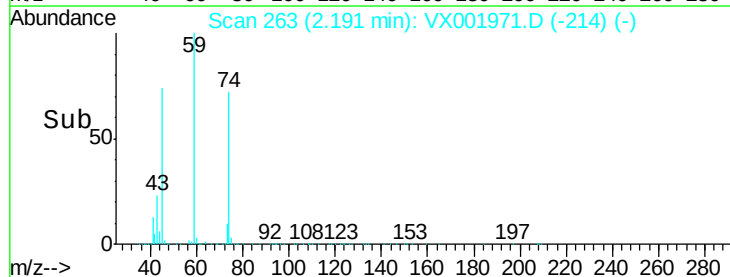
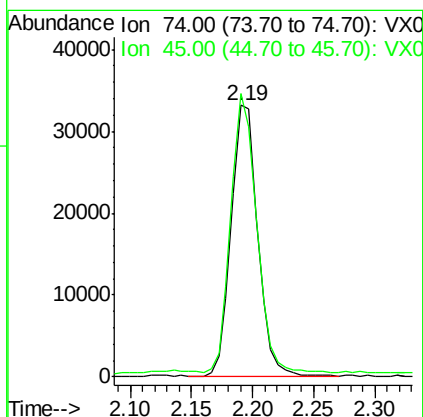
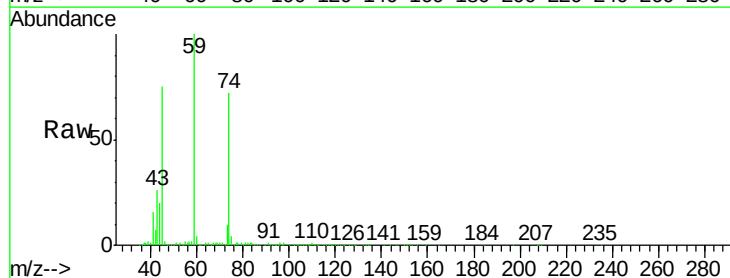
Tgt Ion:101 Resp: 127986
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

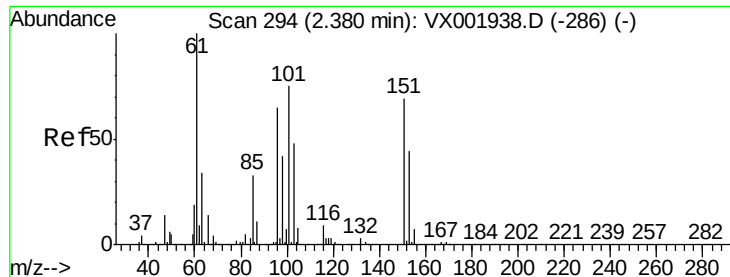


#8

Diethyl Ether
Concen: 22.60 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

Tgt Ion: 74 Resp: 49490
Ion Ratio Lower Upper
74 100
45 99.7 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.05 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBS01

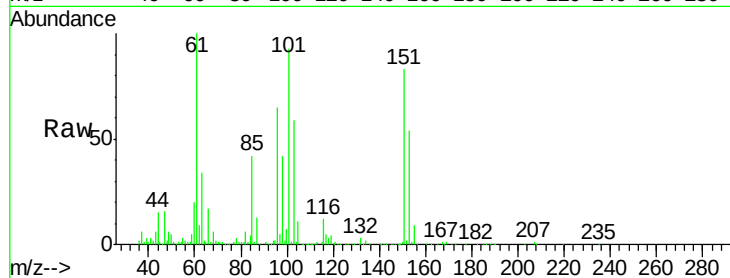
Tgt Ion:101 Resp: 70912

Ion Ratio Lower Upper

101 100

85 44.6 35.6 53.4

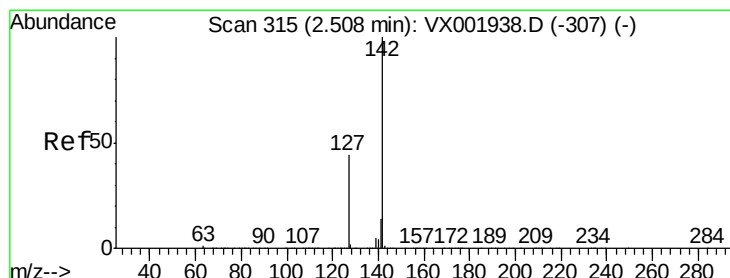
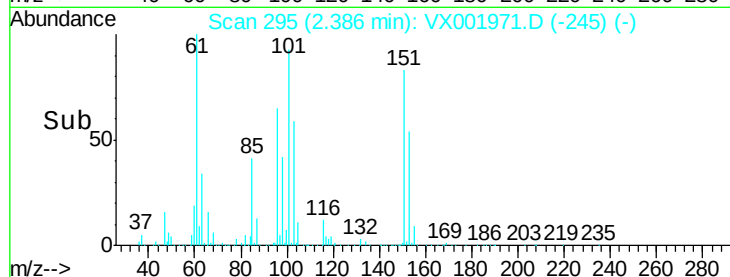
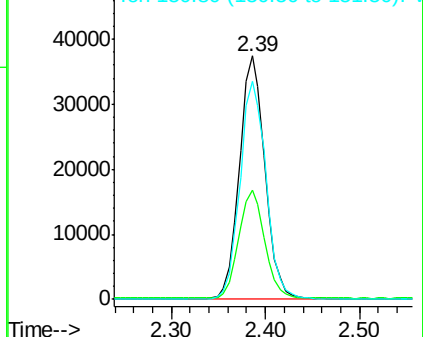
151 91.7 73.2 109.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.98 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

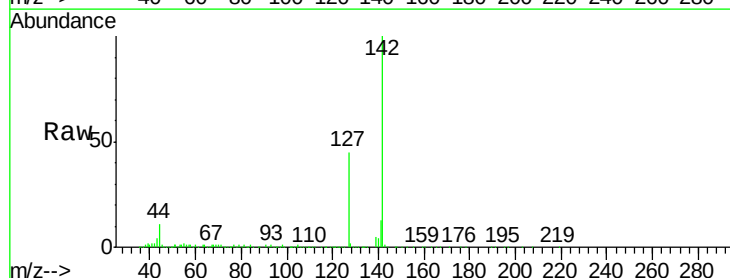
Tgt Ion:142 Resp: 95601

Ion Ratio Lower Upper

142 100

127 44.3 35.5 53.3

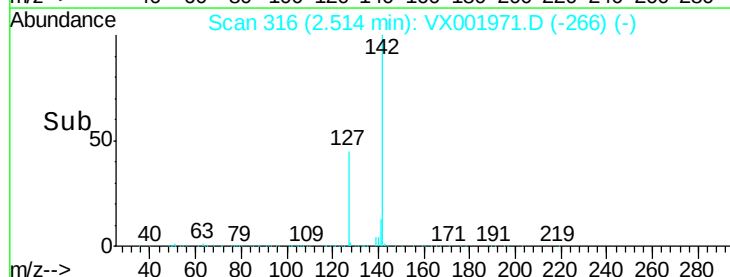
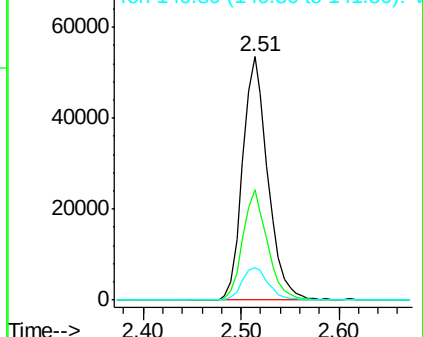
141 14.2 11.3 16.9

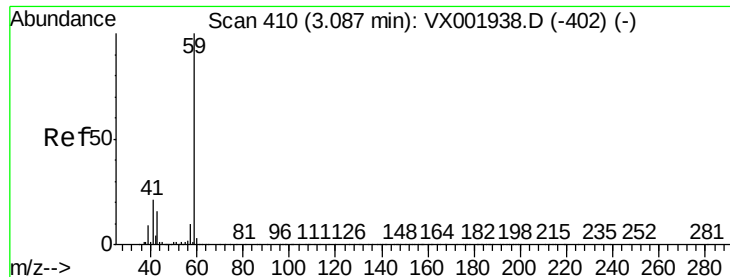


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



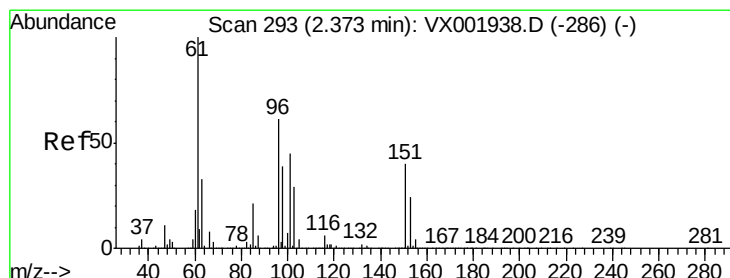
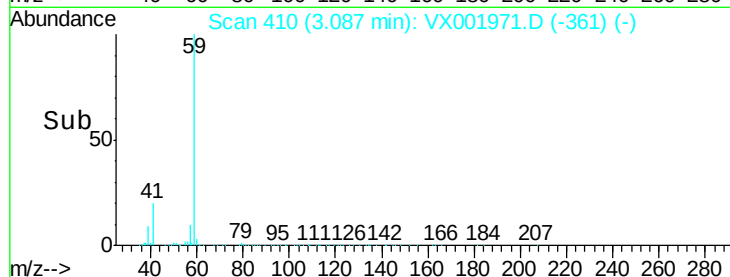
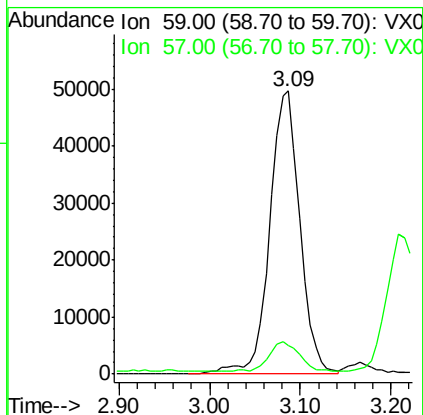
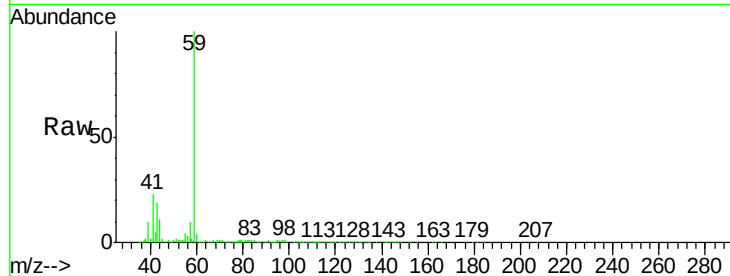


#11

Tert butyl alcohol
Concen: 120.03 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBS01

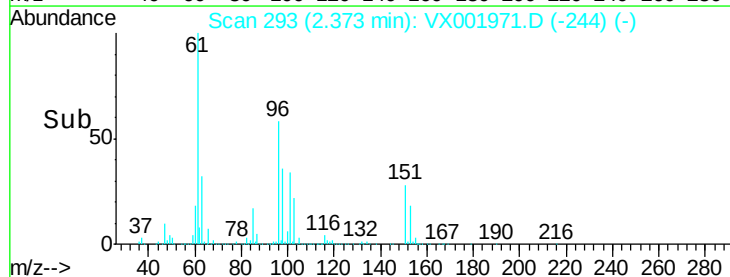
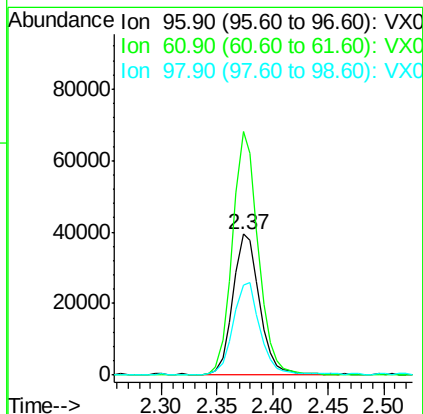
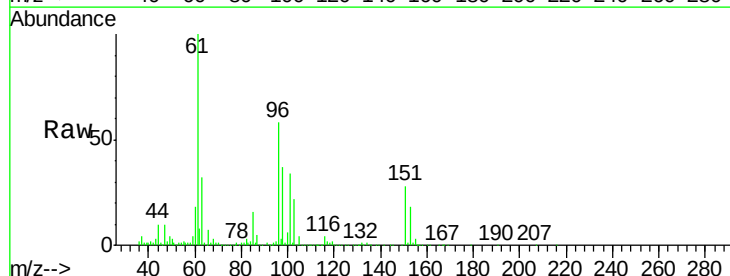
Tgt Ion: 59 Resp: 113935
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3

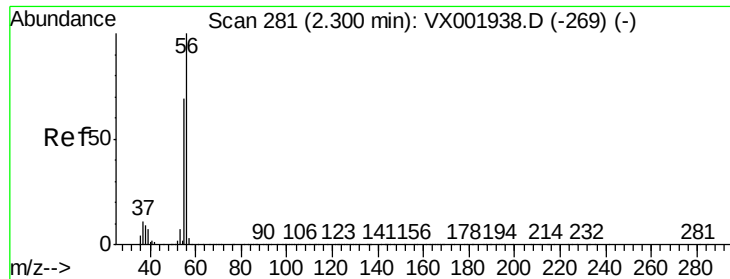


#12

1,1-Dichloroethene
Concen: 20.52 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

Tgt Ion: 96 Resp: 64695
Ion Ratio Lower Upper
96 100
61 173.3 131.7 197.5
98 63.5 51.6 77.4





#13

Acrolein

Concen: 104.38 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

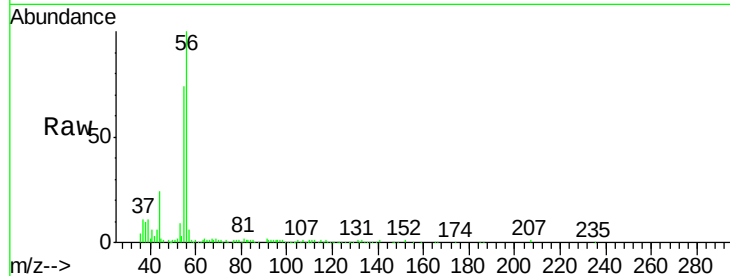
VX0525MBS01

Tgt Ion: 56 Resp: 42840

Ion Ratio Lower Upper

56 100

55 71.4 56.8 85.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

25000

20000

15000

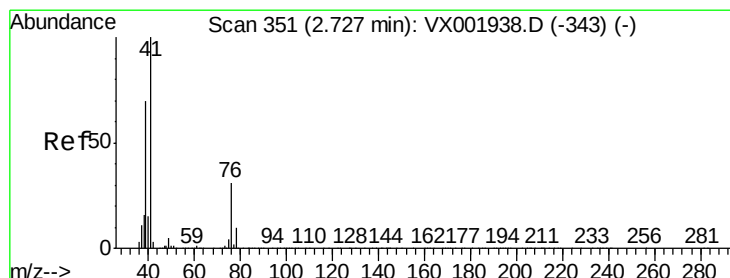
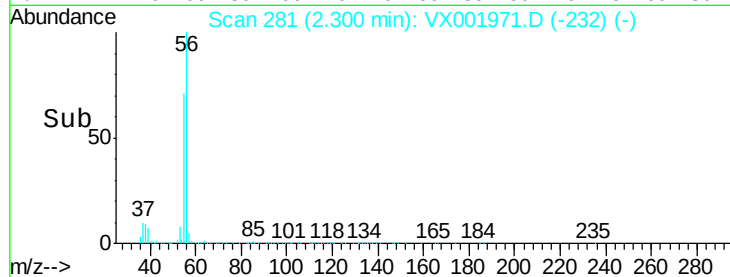
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 21.46 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

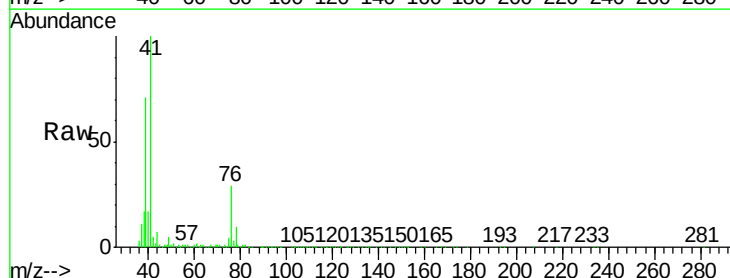
Tgt Ion: 41 Resp: 142065

Ion Ratio Lower Upper

41 100

39 68.2 54.3 81.5

76 29.2 24.2 36.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

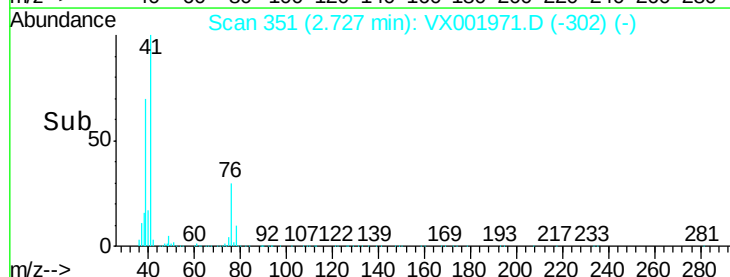
100000

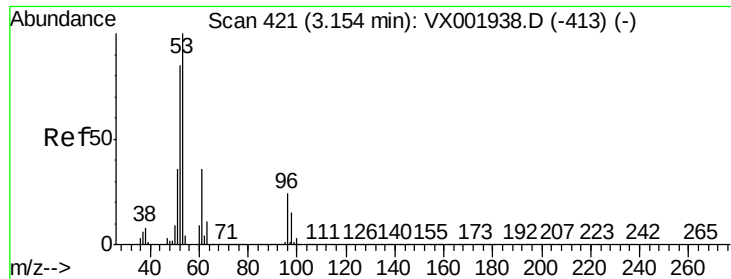
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 110.55 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampled :

VX0525MBS01

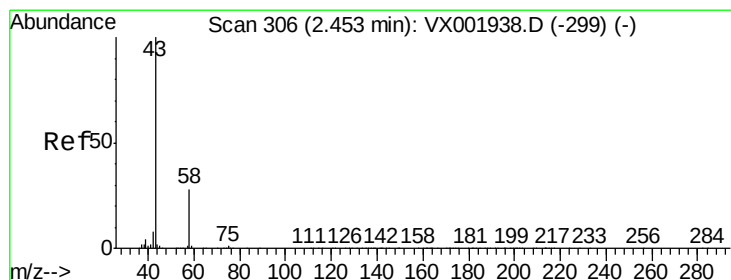
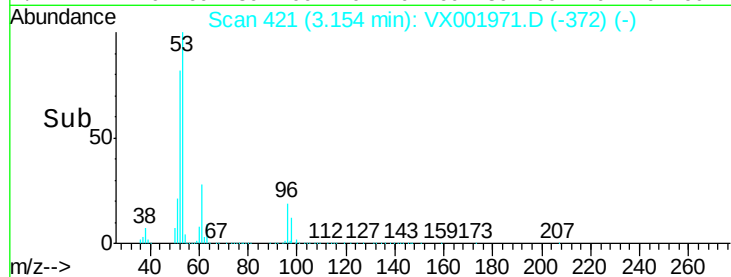
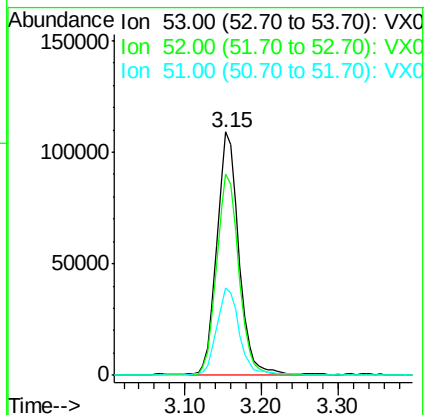
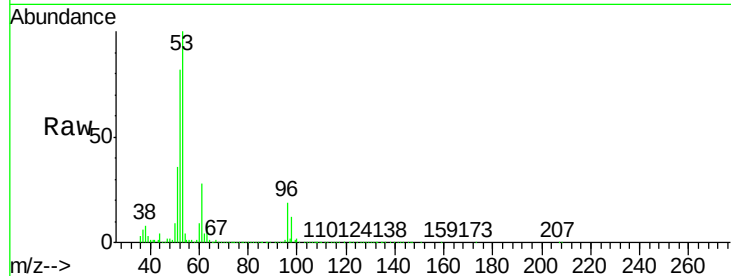
Tgt Ion: 53 Resp: 215789

Ion Ratio Lower Upper

53 100

52 83.6 66.4 99.6

51 36.3 29.3 43.9



#16

Acetone

Concen: 116.09 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001971.D

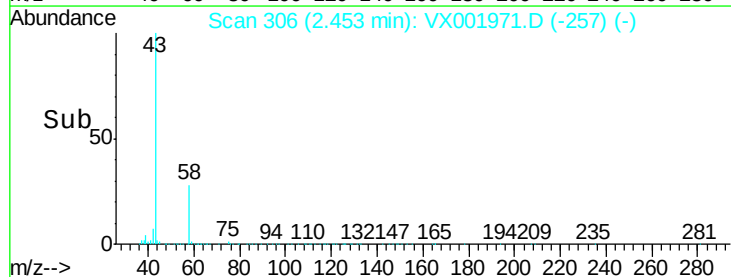
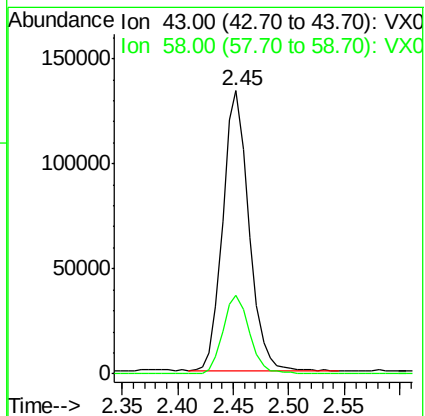
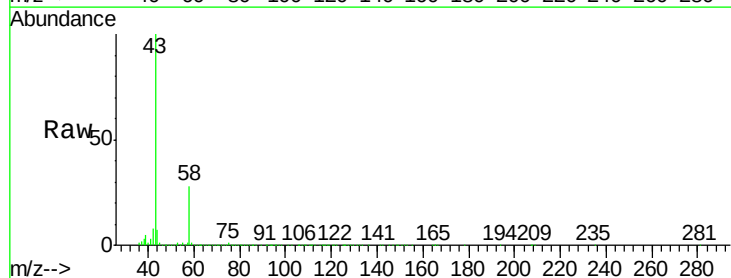
Acq: 25 May 2018 12:37

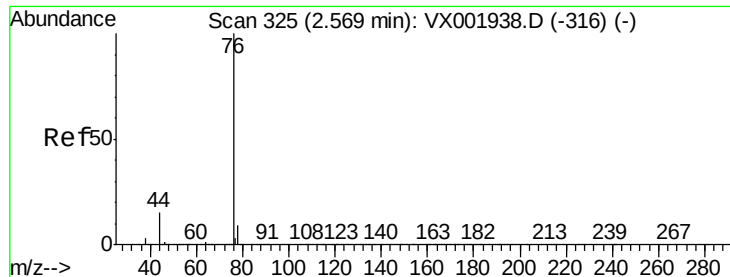
Tgt Ion: 43 Resp: 216666

Ion Ratio Lower Upper

43 100

58 27.8 22.3 33.5





#17

Carbon Disulfide

Concen: 20.31 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

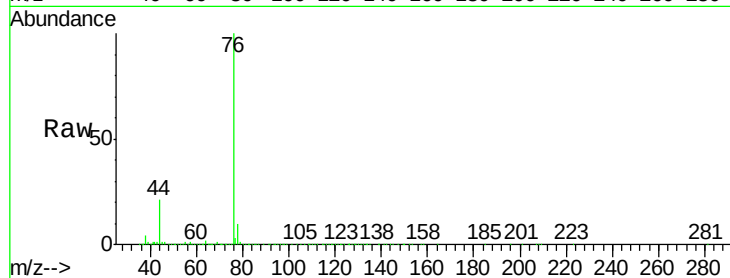
VX0525MBS01

Tgt Ion: 76 Resp: 184320

Ion Ratio Lower Upper

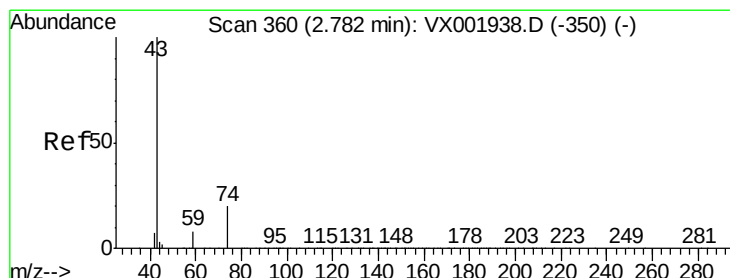
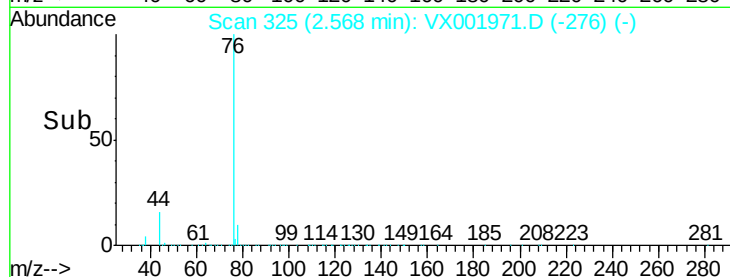
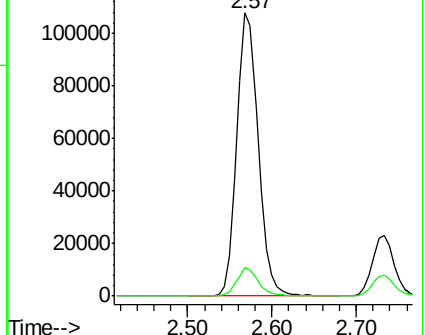
76 100

78 9.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.18 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001971.D

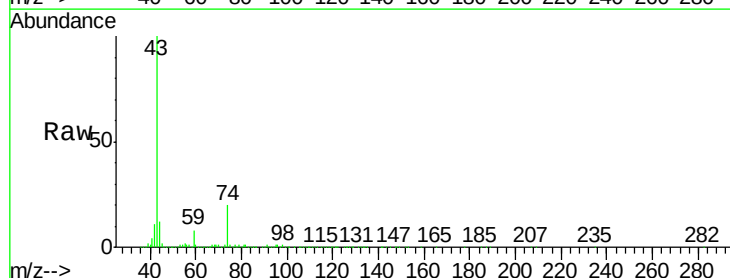
Acq: 25 May 2018 12:37

Tgt Ion: 43 Resp: 106947

Ion Ratio Lower Upper

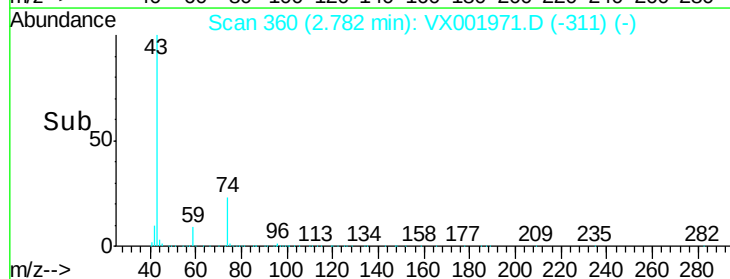
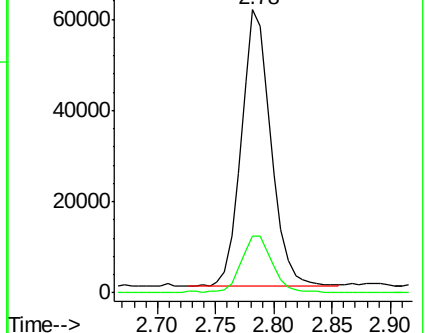
43 100

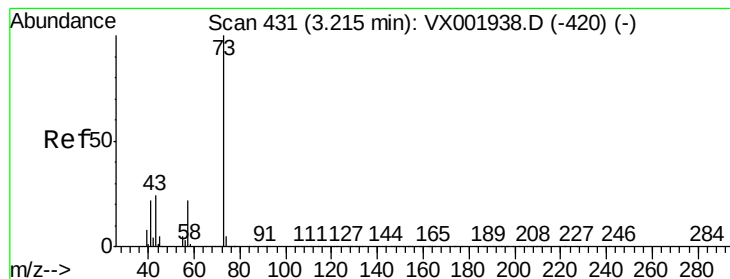
74 21.3 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 21.82 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

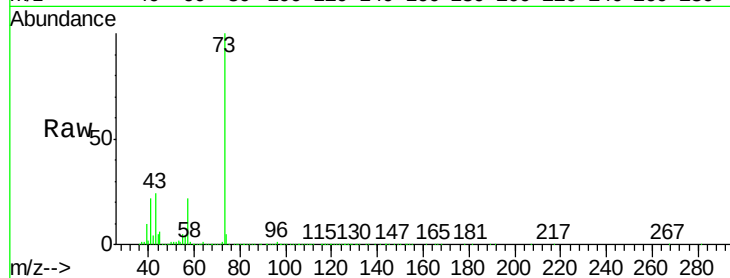
VX0525MBS01

Tgt Ion: 73 Resp: 258733

Ion Ratio Lower Upper

73 100

57 21.0 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

120000

100000

80000

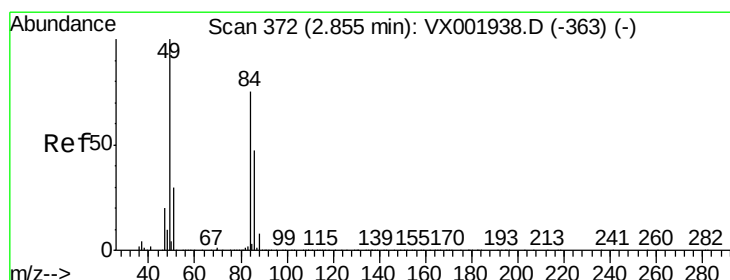
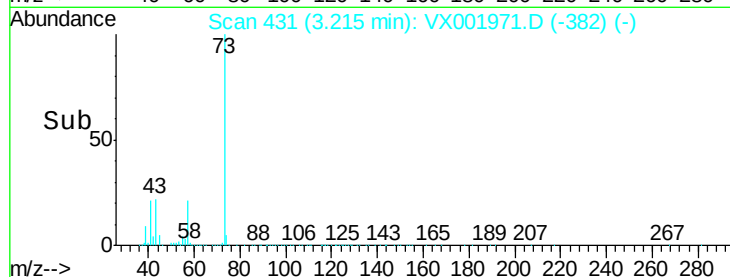
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 23.16 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Tgt Ion: 84 Resp: 77725

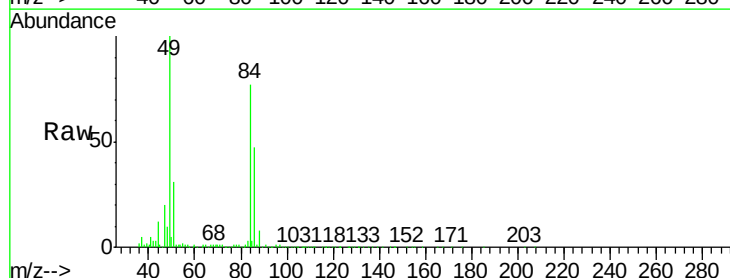
Ion Ratio Lower Upper

84 100

49 130.4 107.2 160.8

51 39.3 32.4 48.6

86 61.7 50.4 75.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

80000

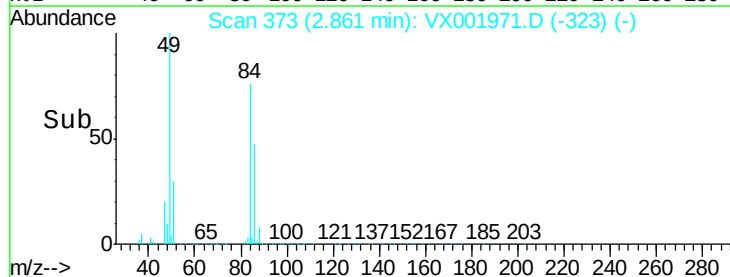
60000

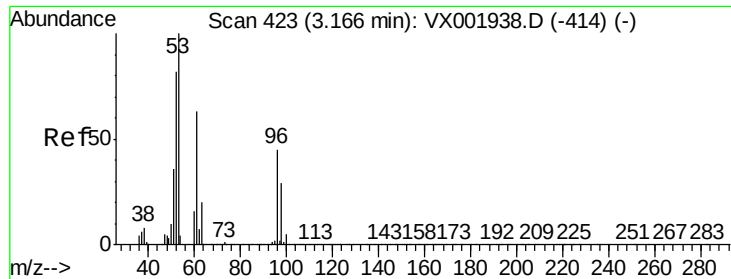
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 21.53 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBS01

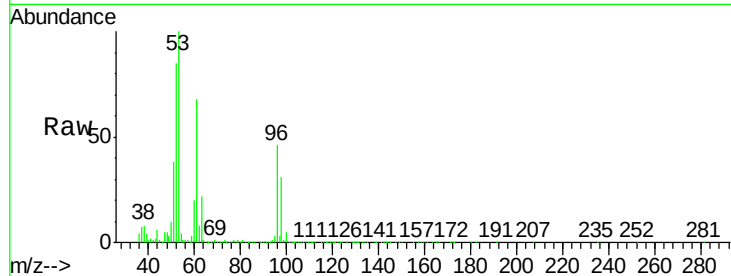
Tgt Ion: 96 Resp: 68864

Ion Ratio Lower Upper

96 100

61 149.4 113.3 169.9

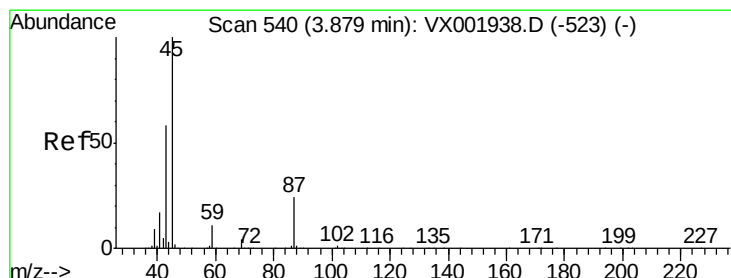
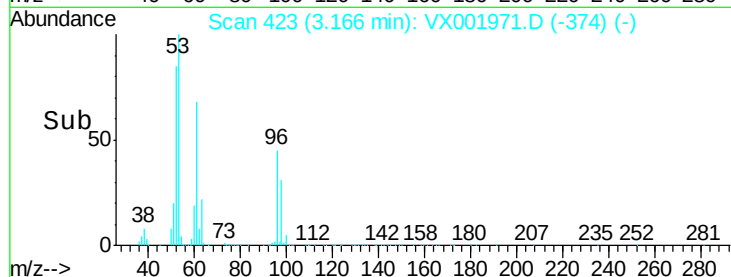
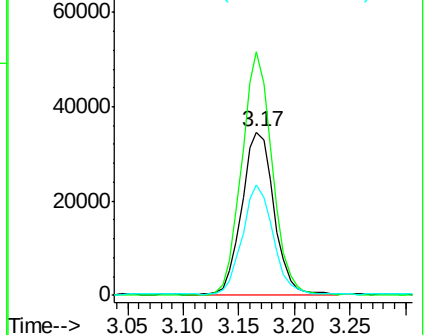
98 67.5 51.7 77.5



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: 20.57 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Tgt Ion: 45 Resp: 276889

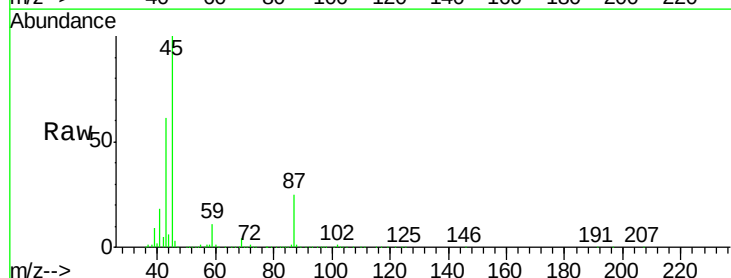
Ion Ratio Lower Upper

45 100

43 59.6 47.0 70.6

87 24.7 19.4 29.0

59 10.8 8.5 12.7

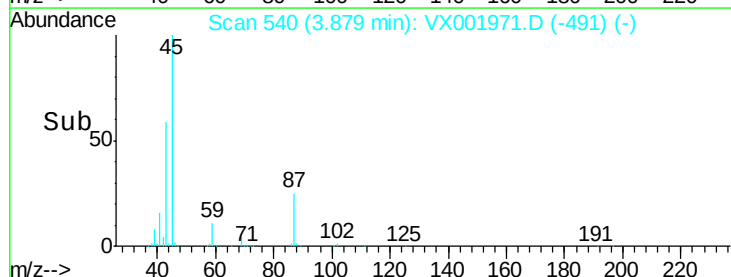
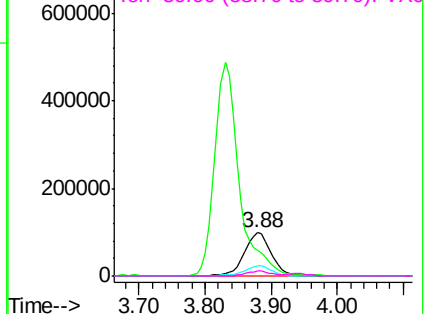


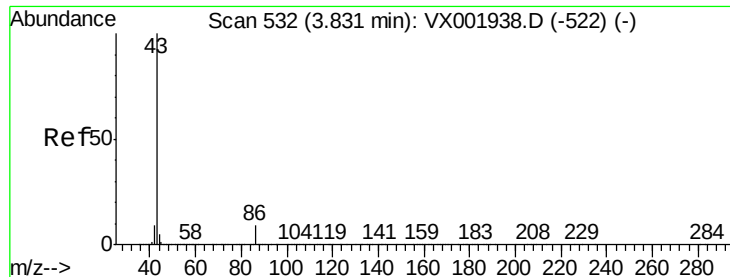
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 112.22 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampled :

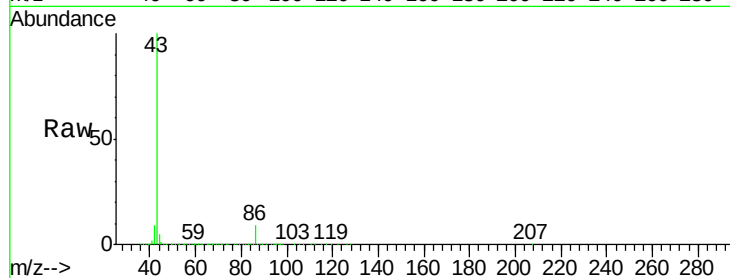
VX0525MBS01

Tgt Ion: 43 Resp: 1252672

Ion Ratio Lower Upper

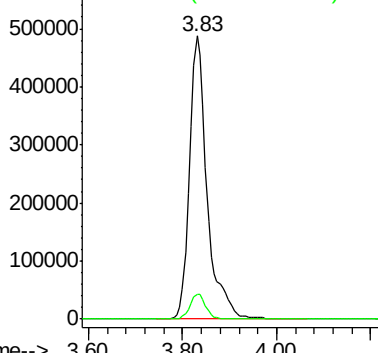
43 100

86 9.0 7.6 11.4

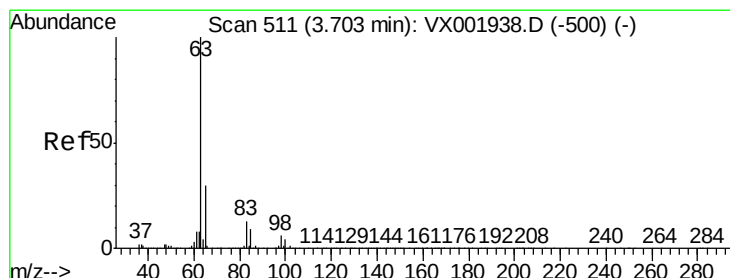
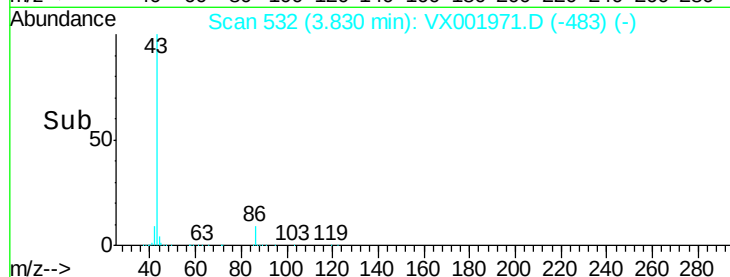


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 21.73 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

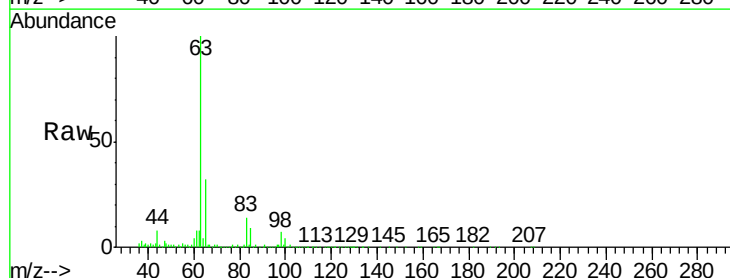
Tgt Ion: 63 Resp: 138978

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

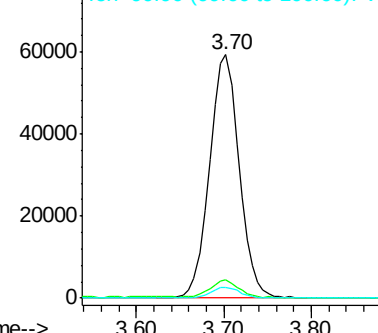
100 4.4 2.1 6.5



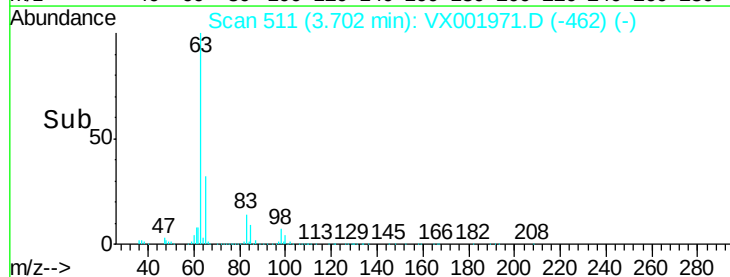
Abundance Ion 62.90 (62.60 to 63.60): VX0

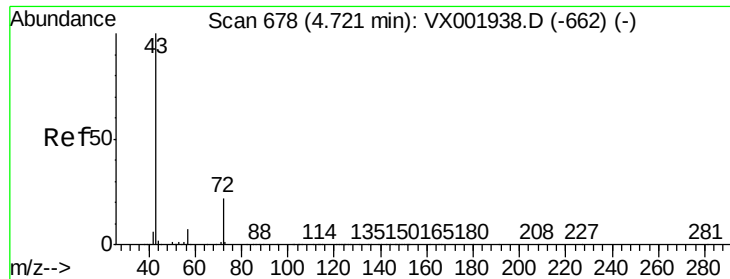
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 102.43 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

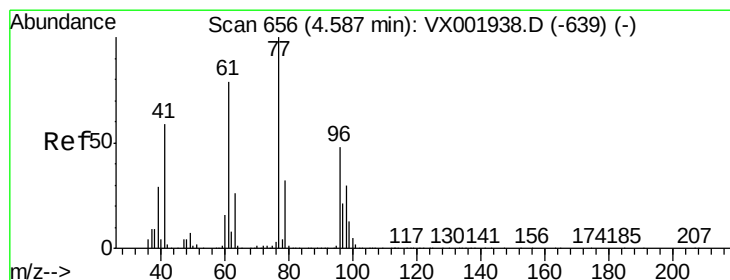
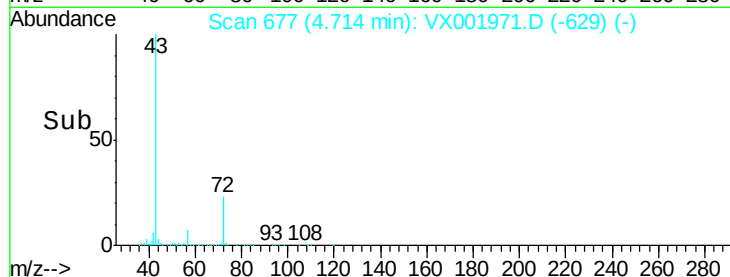
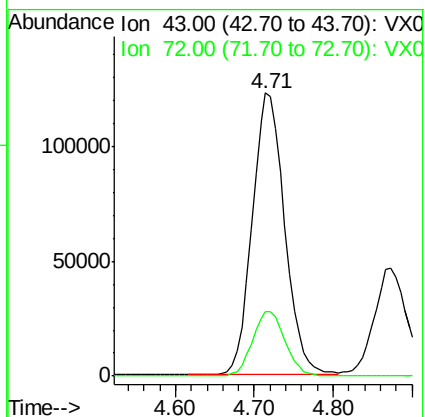
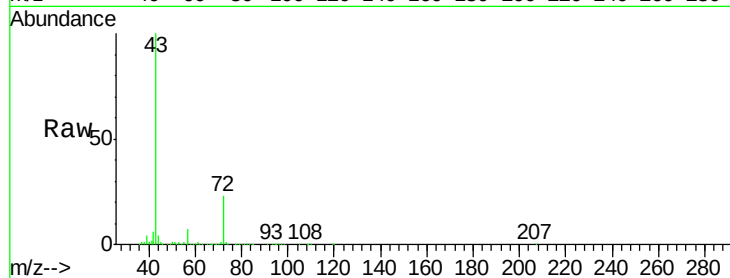
VX0525MBS01

Tgt Ion: 43 Resp: 350372

Ion Ratio Lower Upper

43 100

72 22.7 17.9 26.9



#26

2,2-Dichloropropane

Concen: 19.36 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001971.D

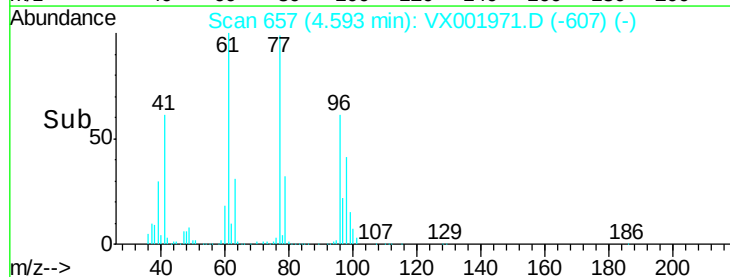
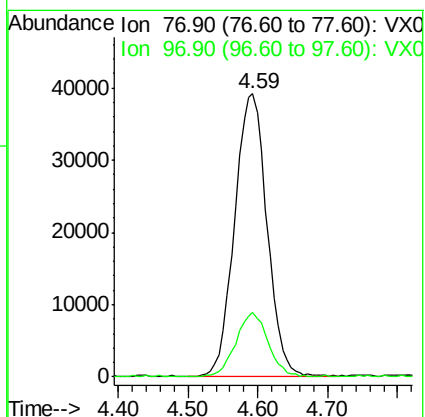
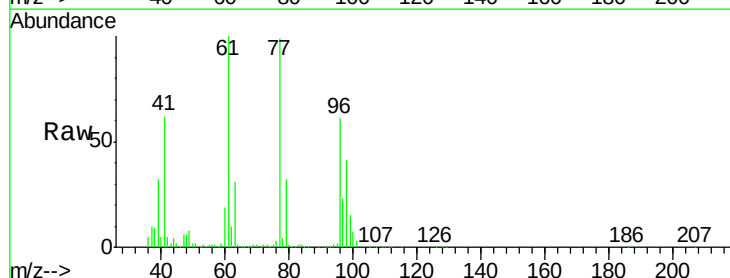
Acq: 25 May 2018 12:37

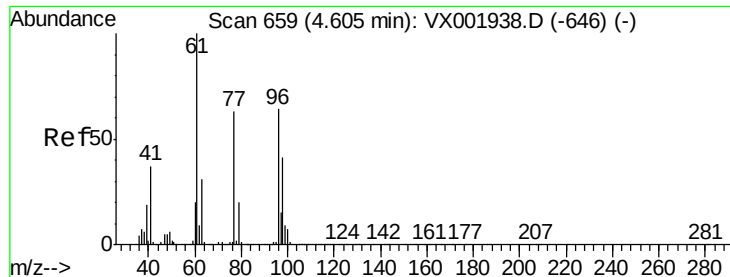
Tgt Ion: 77 Resp: 125338

Ion Ratio Lower Upper

77 100

97 22.1 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.79 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBS01

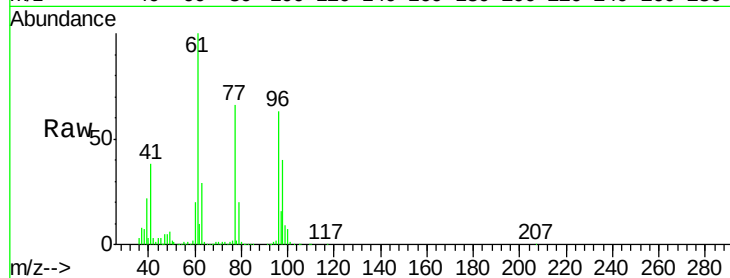
Tgt Ion: 96 Resp: 81380

Ion Ratio Lower Upper

96 100

61 187.8 0.0 348.4

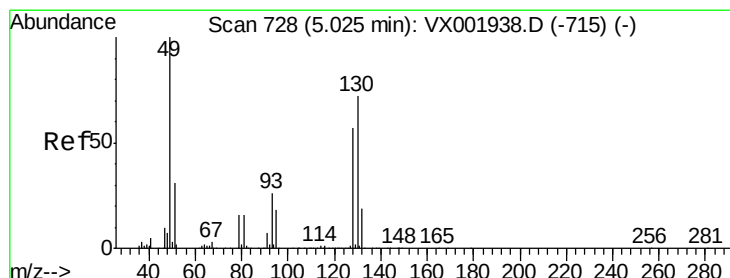
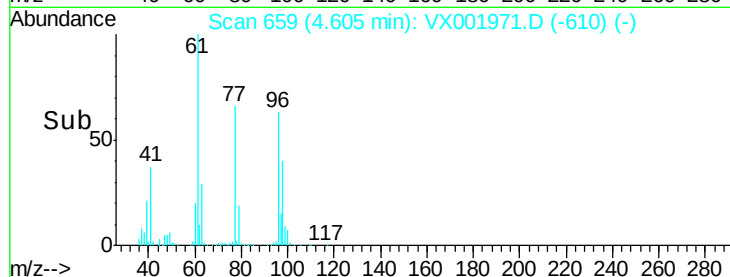
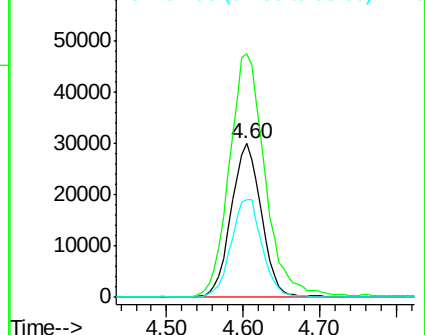
98 64.8 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 22.89 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

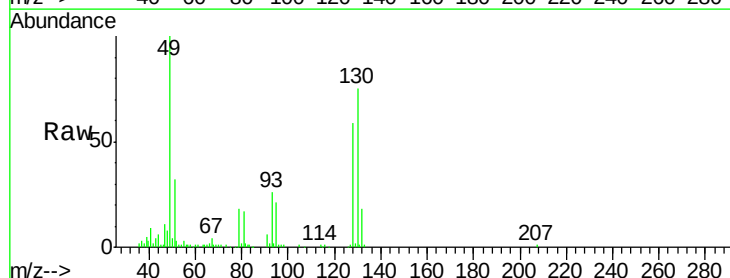
Tgt Ion: 49 Resp: 64492

Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

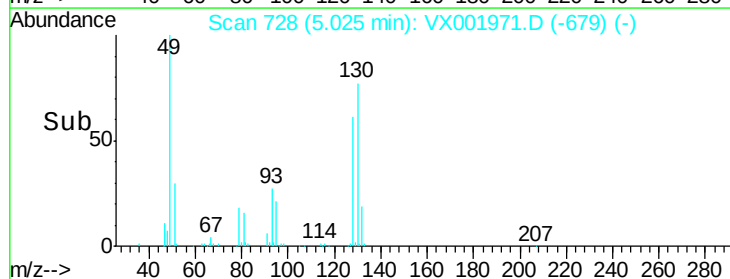
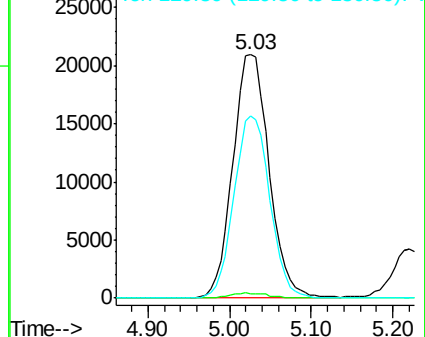
130 74.0 59.4 89.2

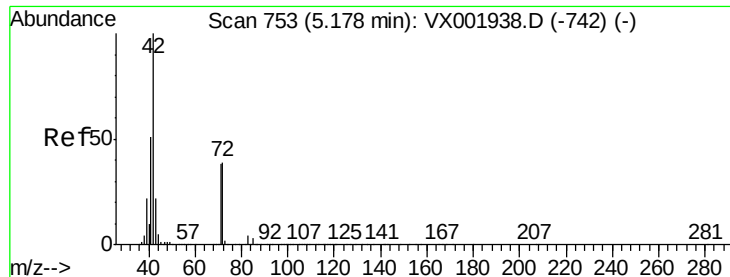


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.18 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBS01

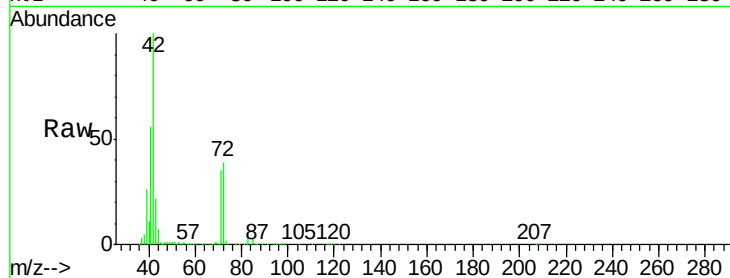
Tgt Ion: 42 Resp: 225174

Ion Ratio Lower Upper

42 100

72 39.7 31.4 47.0

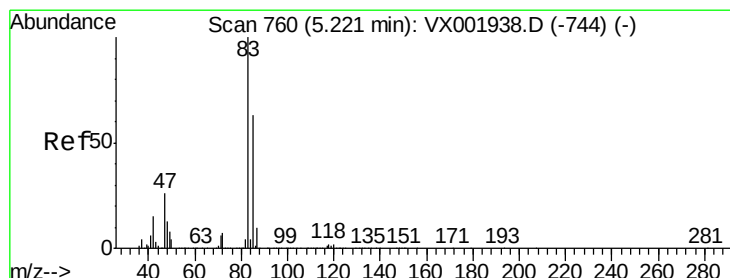
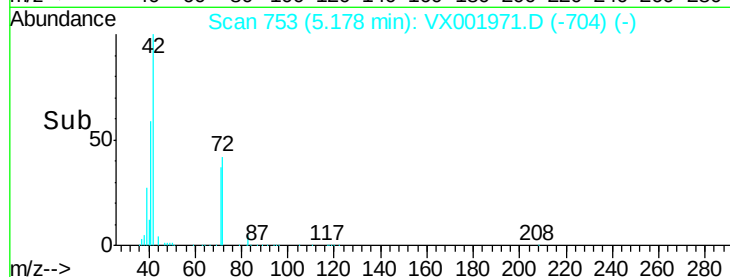
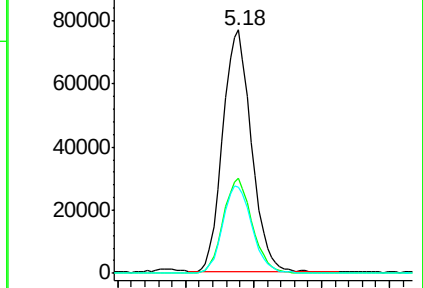
71 36.3 29.5 44.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.43 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001971.D

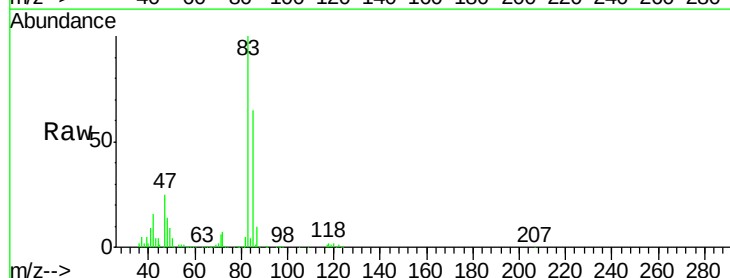
Acq: 25 May 2018 12:37

Tgt Ion: 83 Resp: 140012

Ion Ratio Lower Upper

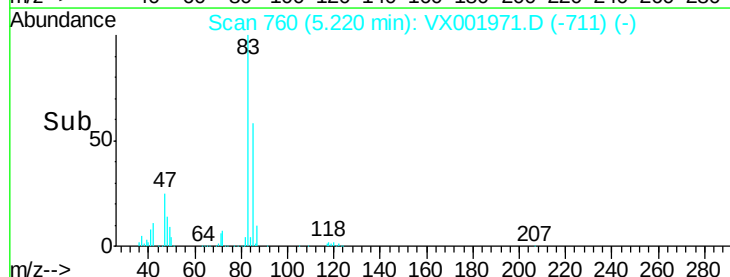
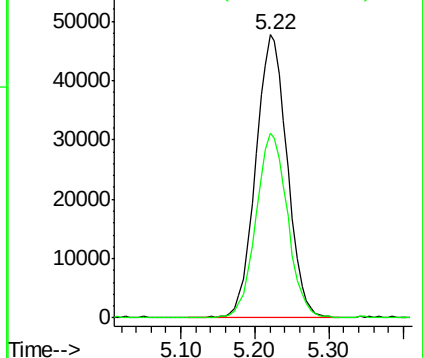
83 100

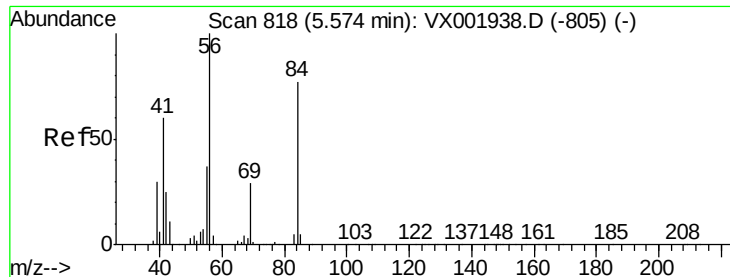
85 65.1 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

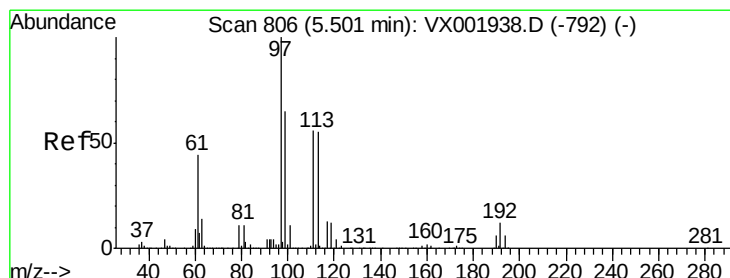
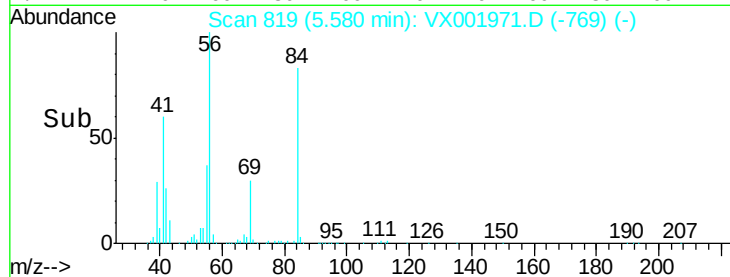
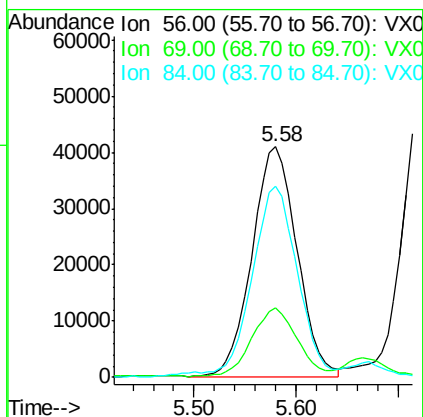
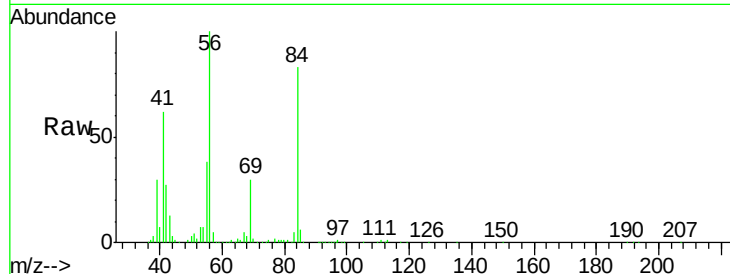




#31
Cyclohexane
Concen: 18.71 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

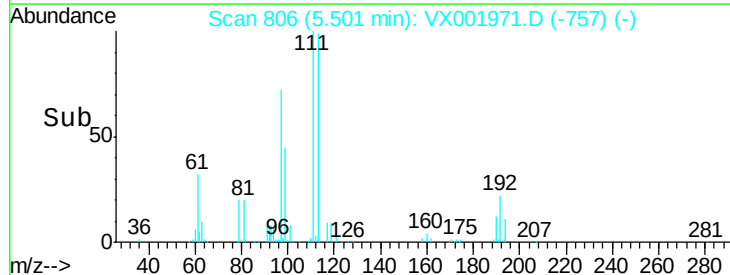
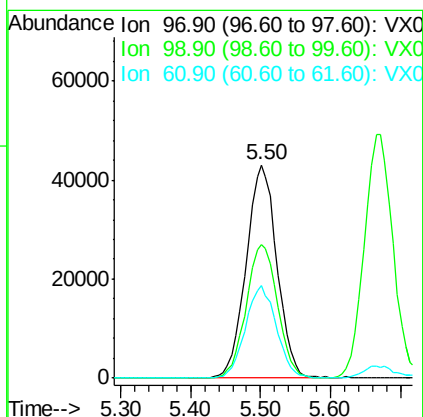
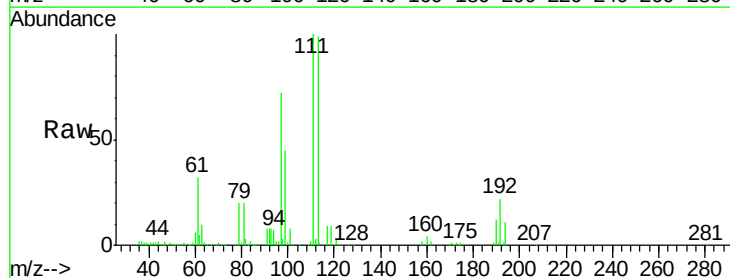
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBS01

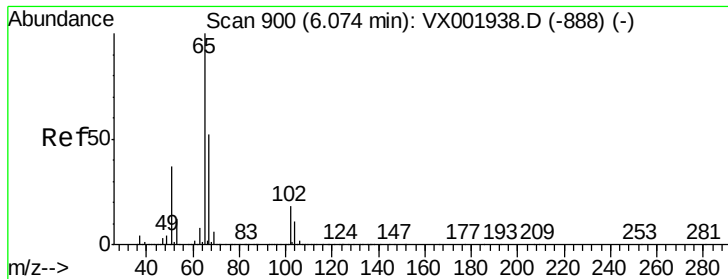
Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.1	34.7
84	81.0	62.0	93.0



#32
1,1,1-Trichloroethane
Concen: 19.36 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.9	77.9
61	44.2	35.9	53.9

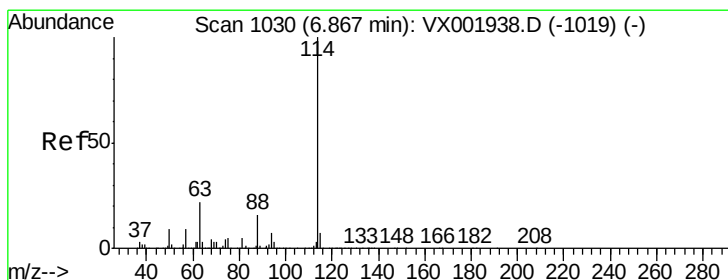
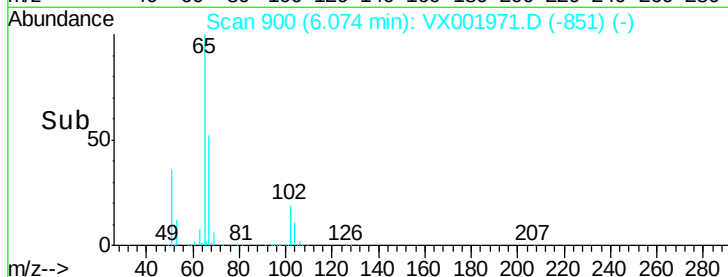
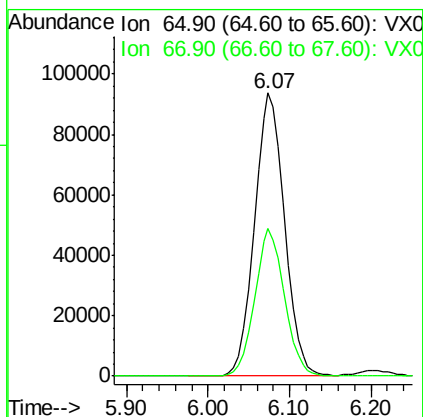
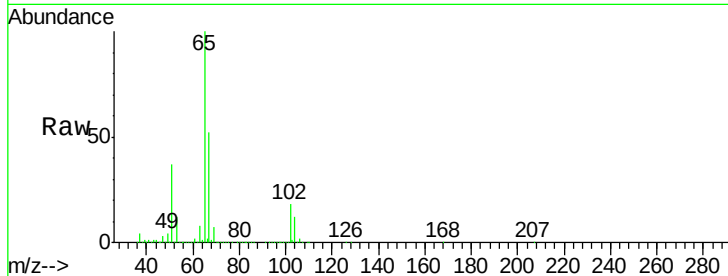




#33
 1,2-Dichloroethane-d4
 Concen: 49.81 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

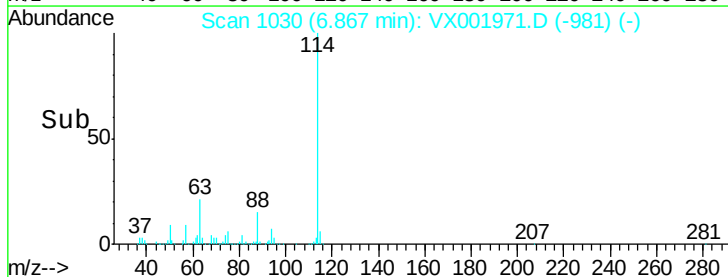
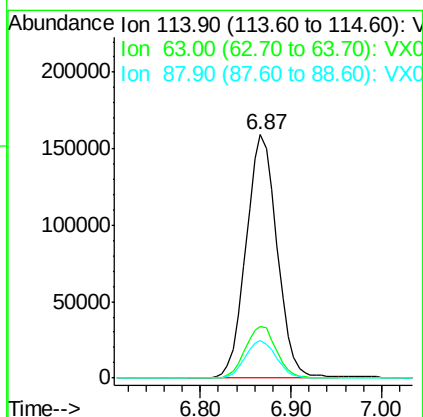
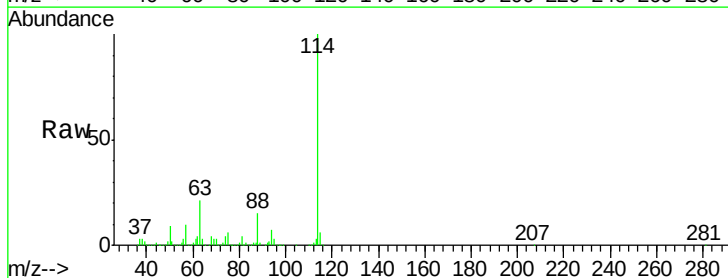
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBS01

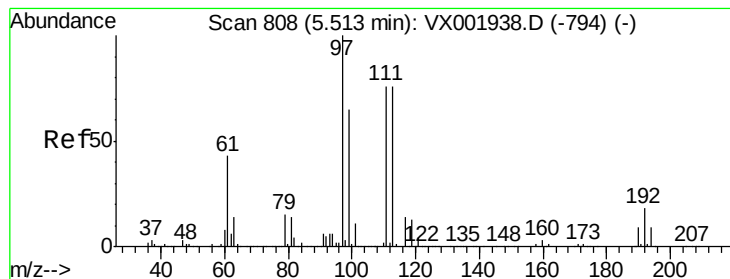
Tgt Ion: 65 Resp: 240899
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

Tgt Ion: 114 Resp: 377001
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.27 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBS01

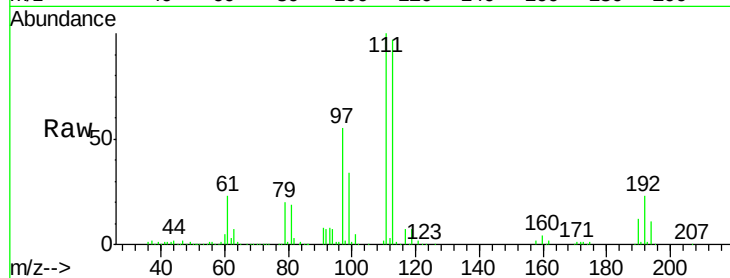
Tgt Ion:113 Resp: 185758

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

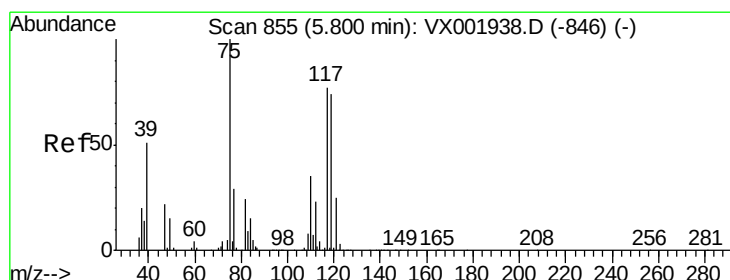
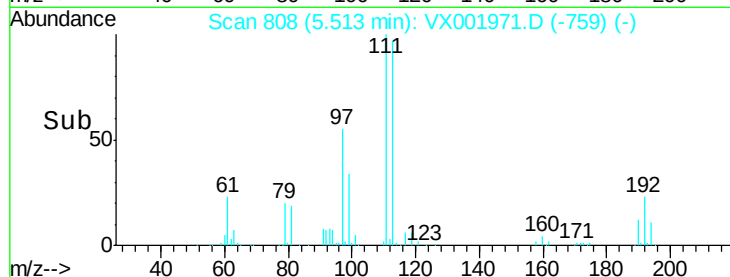
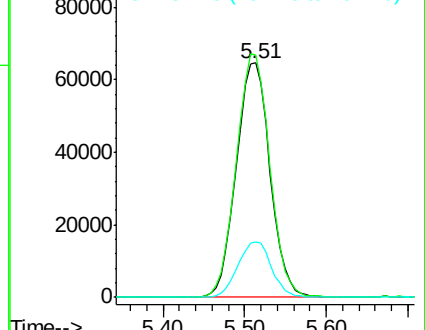
192 23.7 18.9 28.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.05 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

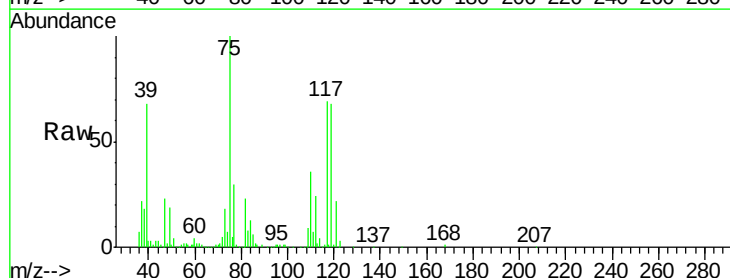
Tgt Ion: 75 Resp: 99904

Ion Ratio Lower Upper

75 100

110 36.2 17.4 52.2

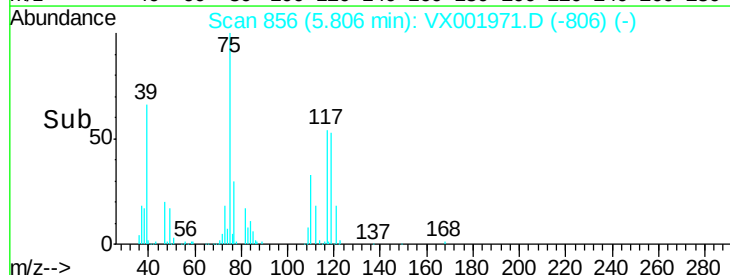
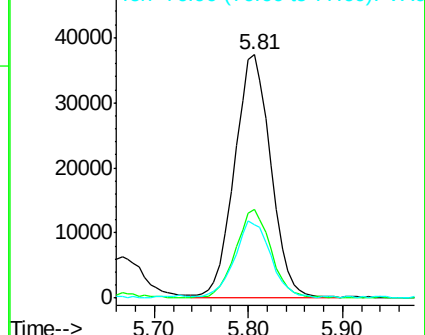
77 30.9 24.4 36.6

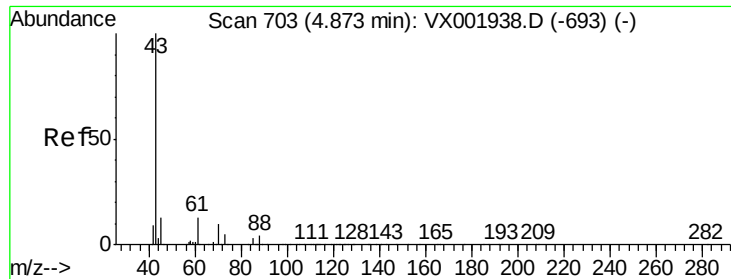


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

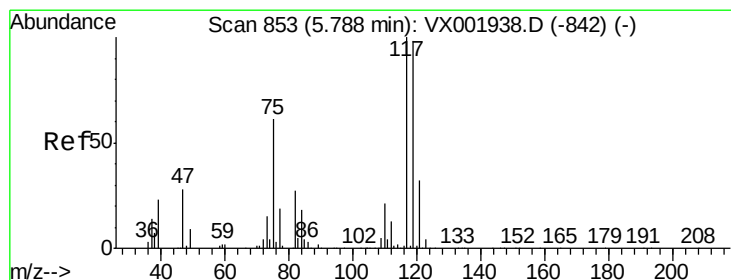
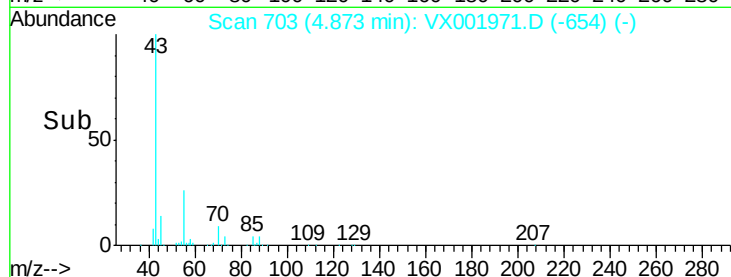
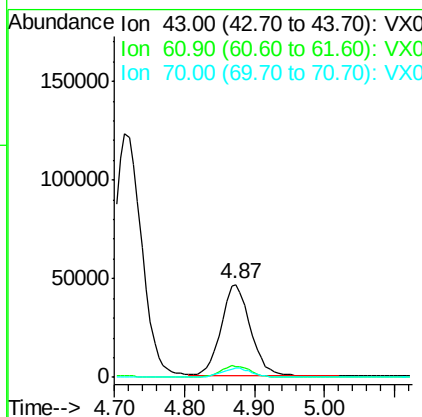
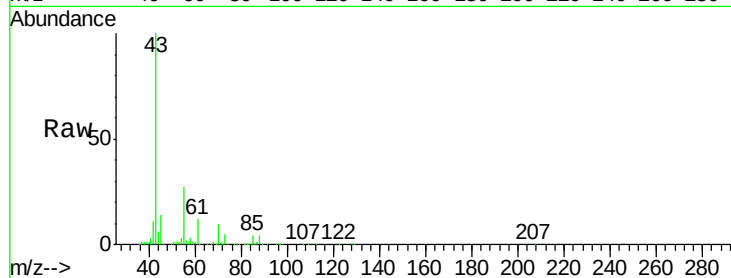




#37
Ethyl Acetate
Concen: 19.91 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

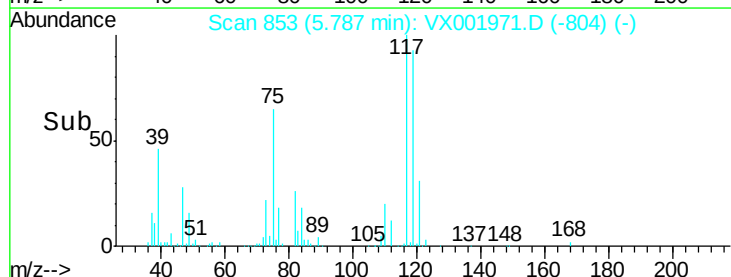
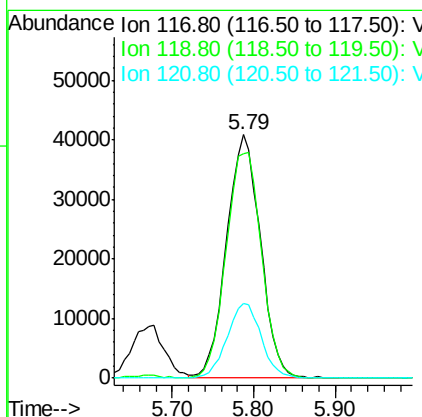
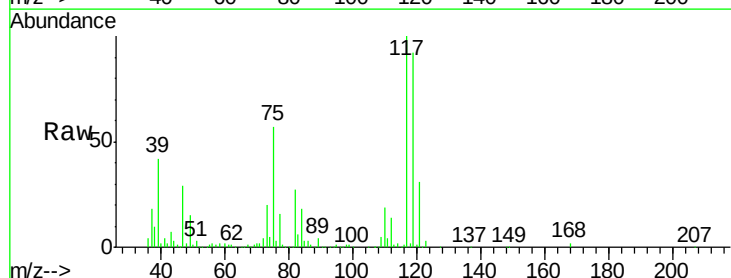
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBS01

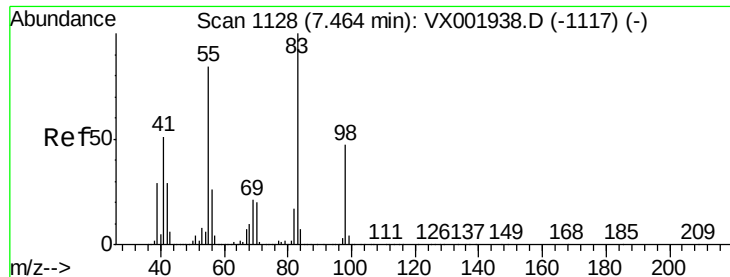
Tgt Ion: 43 Resp: 136133
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 9.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.23 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

Tgt Ion: 117 Resp: 117586
Ion Ratio Lower Upper
117 100
119 92.4 78.5 117.7
121 30.9 25.5 38.3

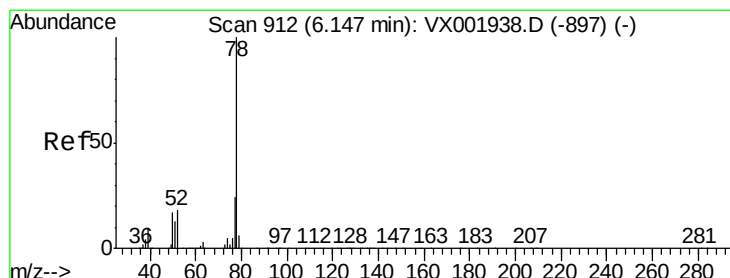
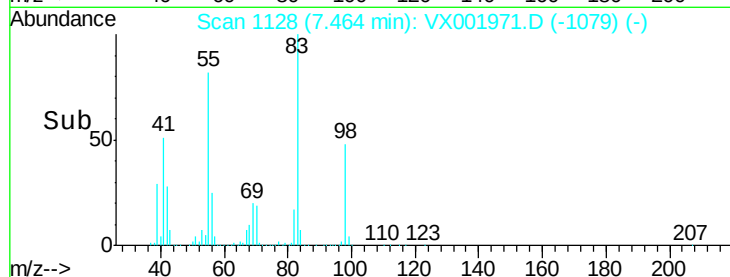
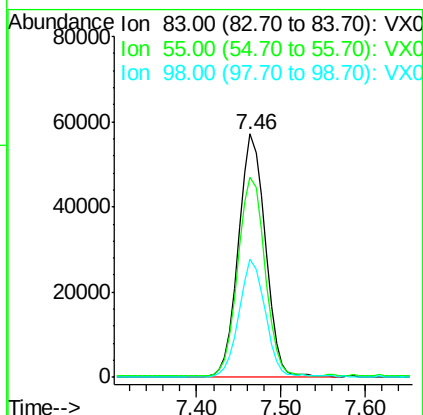
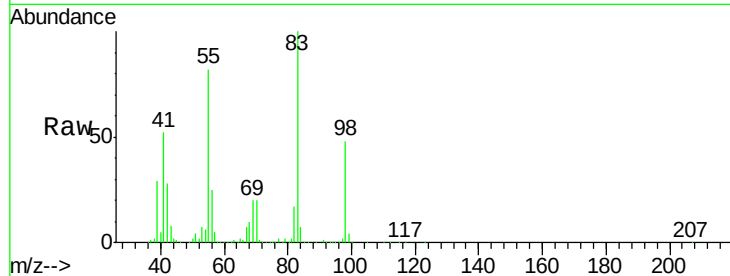




#39
Methylcyclohexane
Concen: 19.08 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

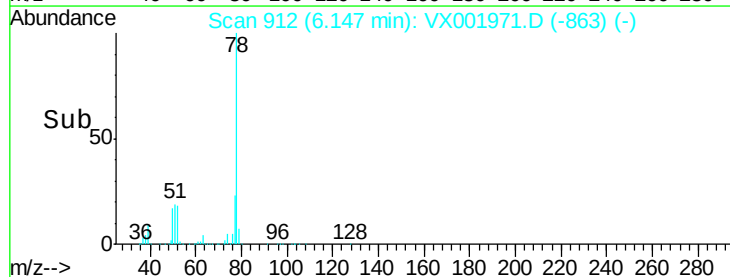
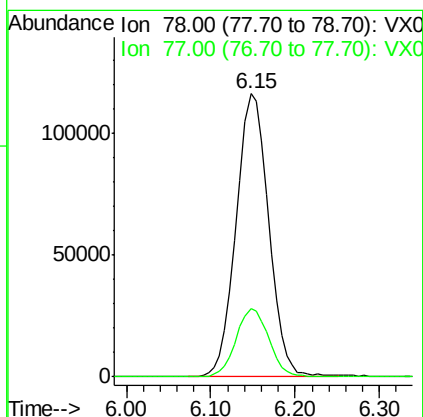
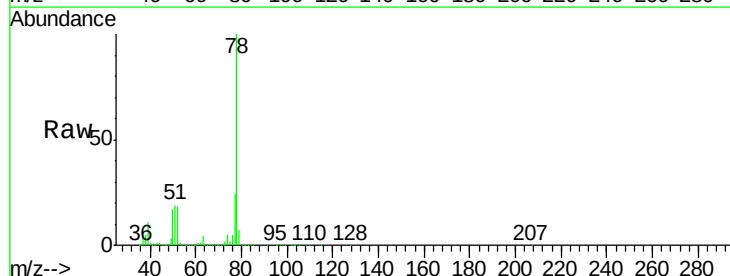
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBS01

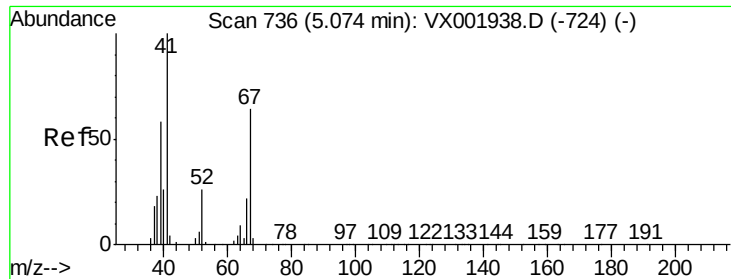
Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.8	67.3	100.9
98	48.1	37.5	56.3



#40
Benzene
Concen: 19.87 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.1	28.7

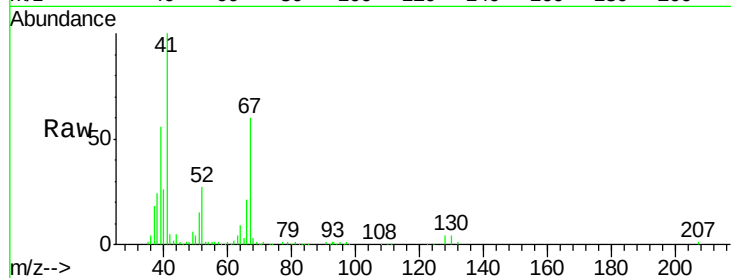




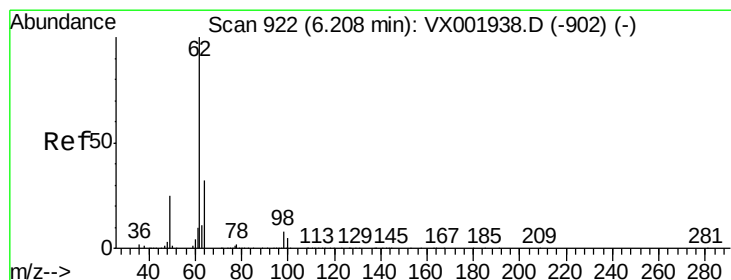
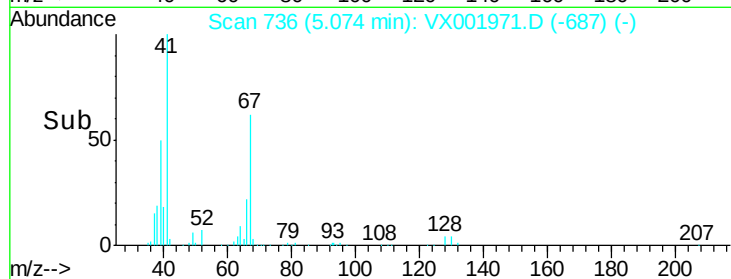
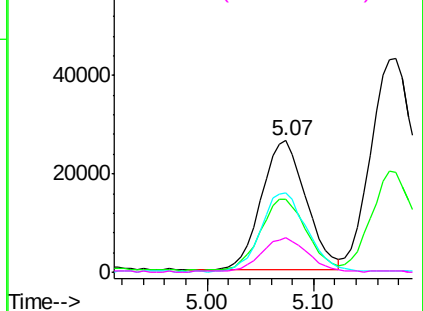
#41
Methacrylonitrile
Concen: 20.46 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBS01

Tgt Ion:	41	Resp:	76722
Ion	Ratio	Lower	Upper
41	100		
39	57.2	46.0	69.0
67	62.6	50.6	75.8
52	27.3	21.9	32.9

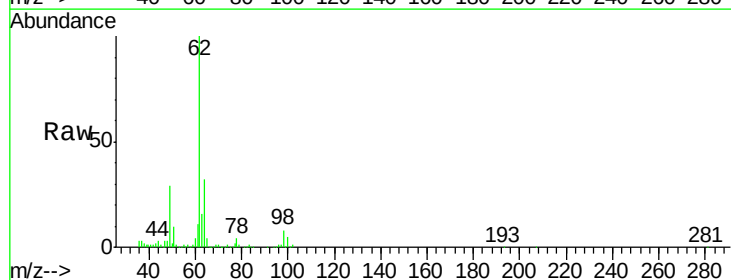


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

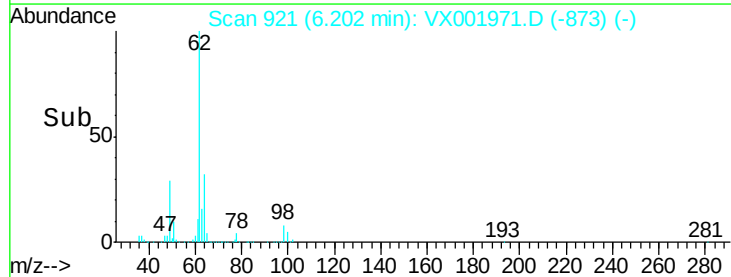
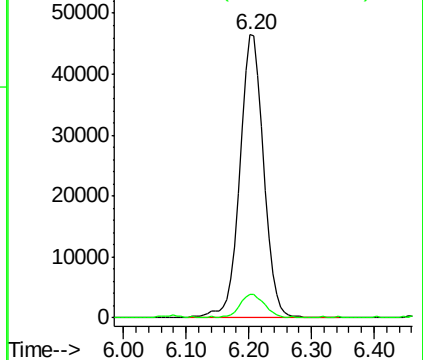


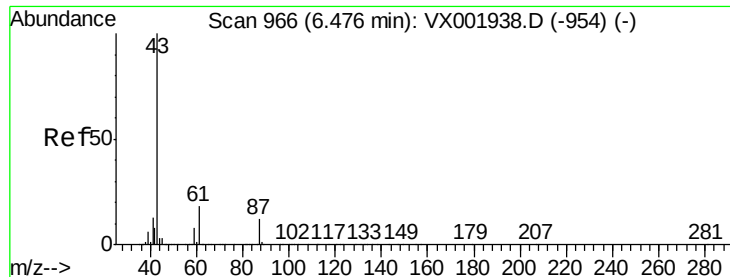
#42
1,2-Dichloroethane
Concen: 19.85 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

Tgt Ion:	62	Resp:	121790
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.25 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBS01

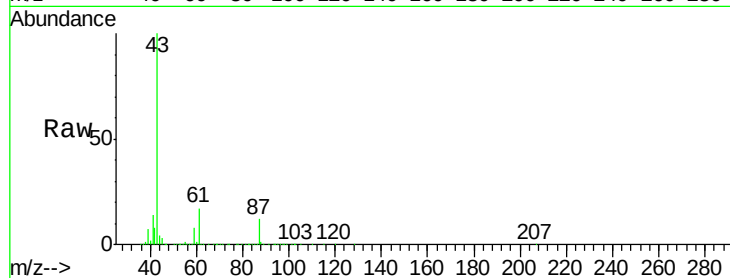
Tgt Ion: 43 Resp: 230683

Ion Ratio Lower Upper

43 100

61 17.9 14.5 21.7

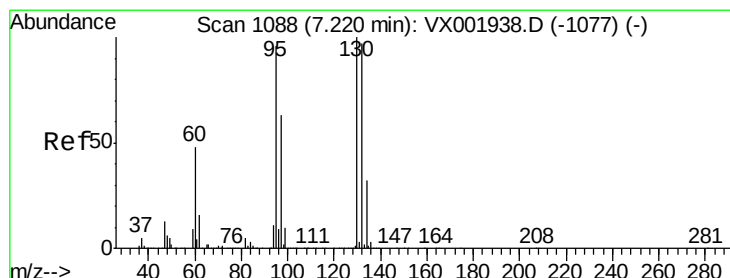
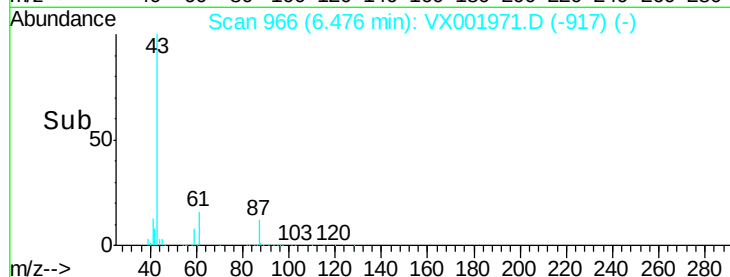
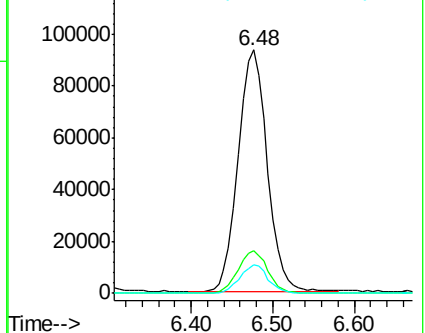
87 11.6 9.5 14.3



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: 19.86 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001971.D

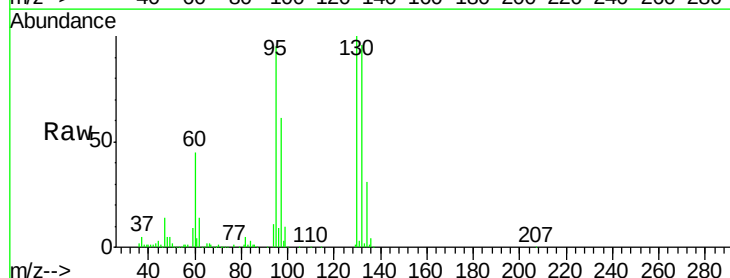
Acq: 25 May 2018 12:37

Tgt Ion: 130 Resp: 88905

Ion Ratio Lower Upper

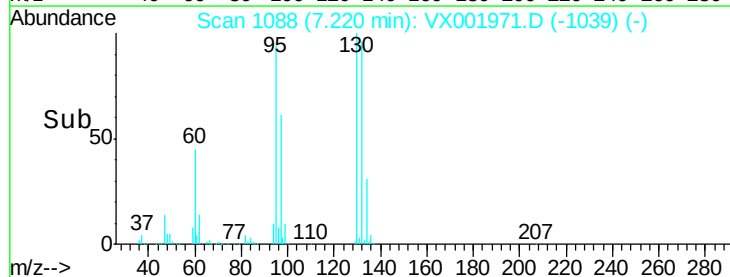
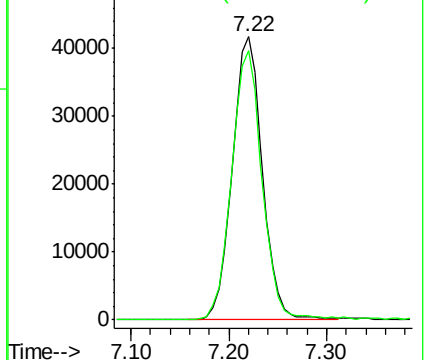
130 100

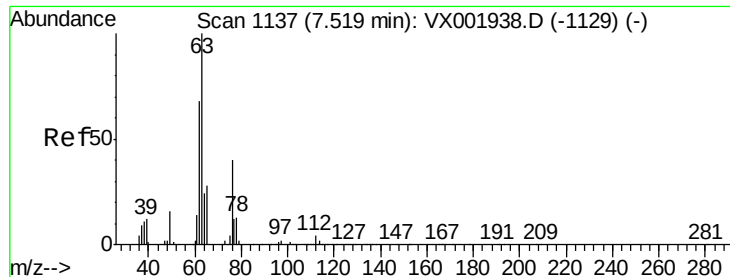
95 94.7 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

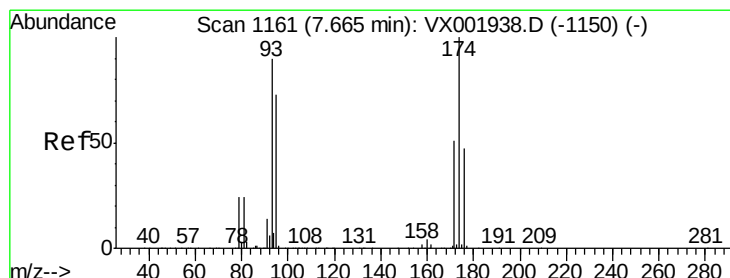
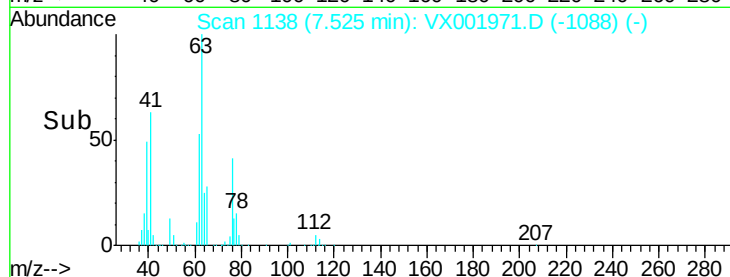
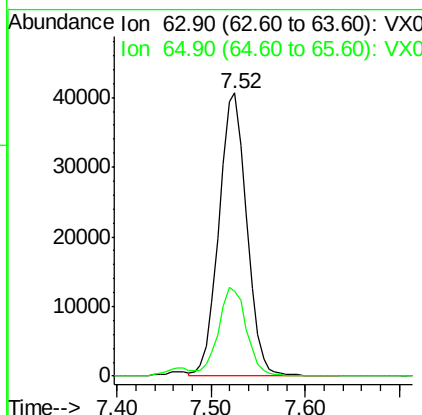
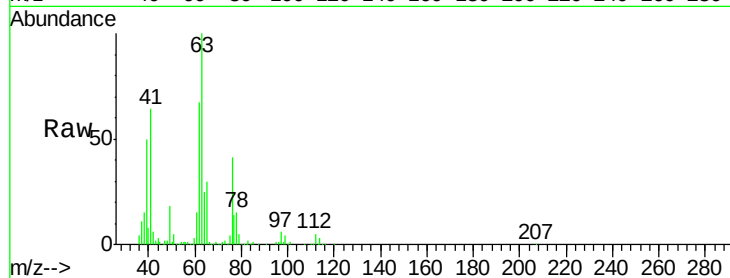




#45
 1,2-Dichloropropane
 Concen: 19.90 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

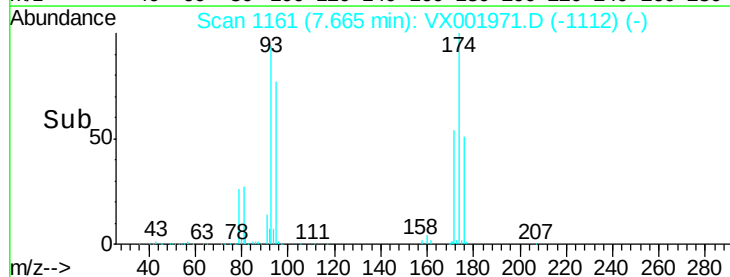
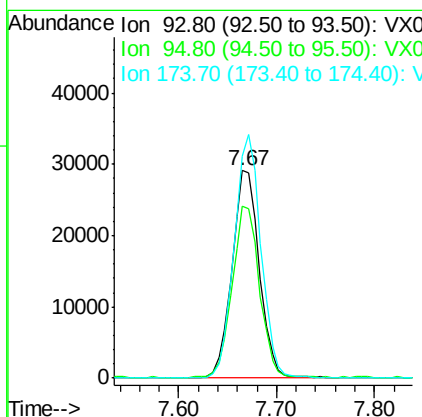
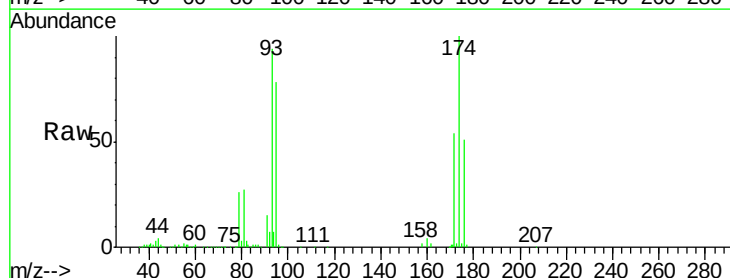
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBS01

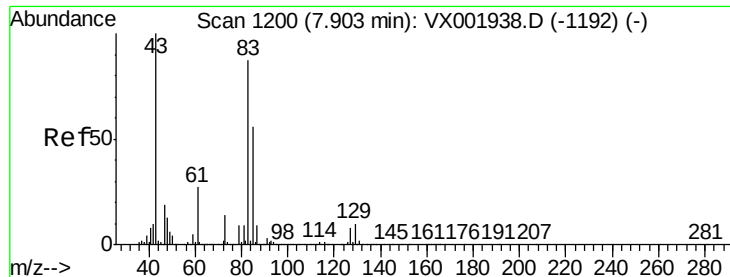
Tgt Ion: 63 Resp: 83020
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.1 36.1



#46
 Dibromomethane
 Concen: 20.46 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

Tgt Ion: 93 Resp: 56520
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.1 99.1
 174 115.0 92.5 138.7





#47

Bromodichloromethane

Concen: 19.68 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBS01

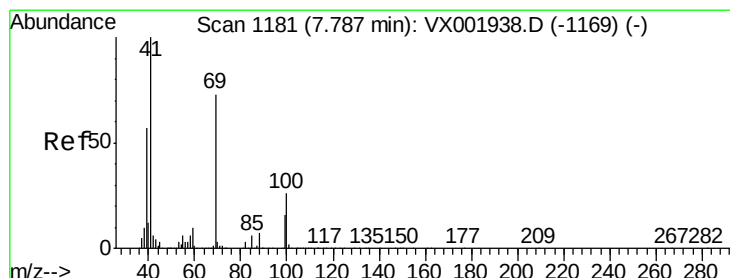
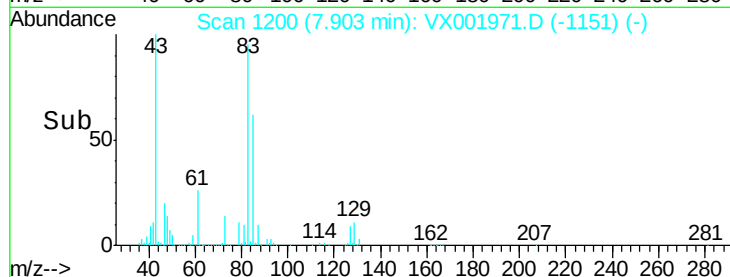
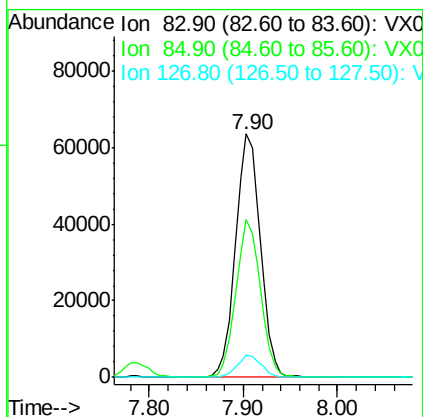
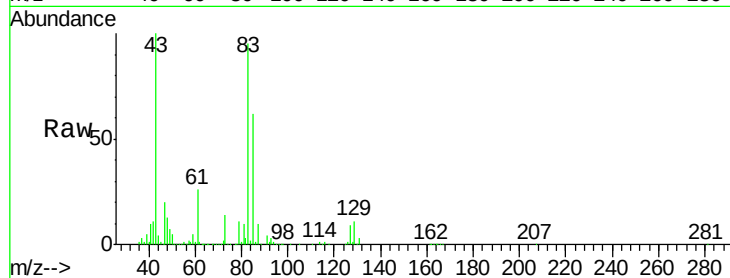
Tgt Ion: 83 Resp: 115916

Ion Ratio Lower Upper

83 100

85 65.0 51.4 77.2

127 9.4 7.1 10.7



#48

Methyl methacrylate

Concen: 19.98 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

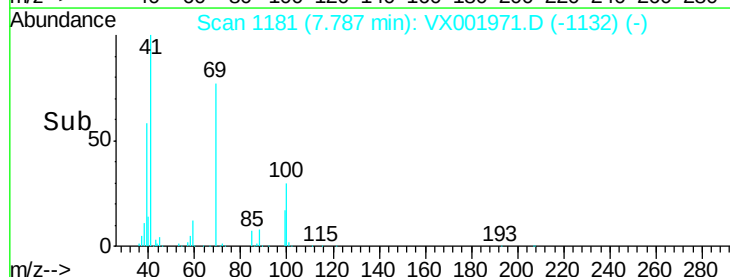
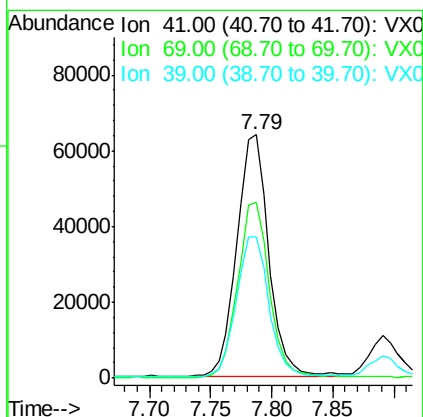
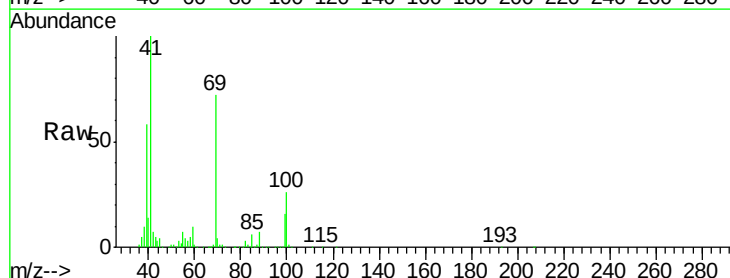
Tgt Ion: 41 Resp: 115836

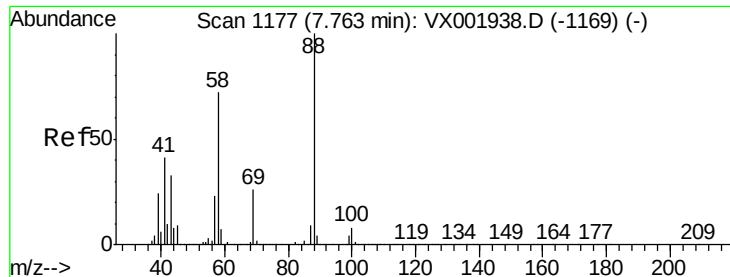
Ion Ratio Lower Upper

41 100

69 72.1 58.6 87.8

39 59.3 46.3 69.5





#49

1,4-Dioxane

Concen: 424.31 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBS01

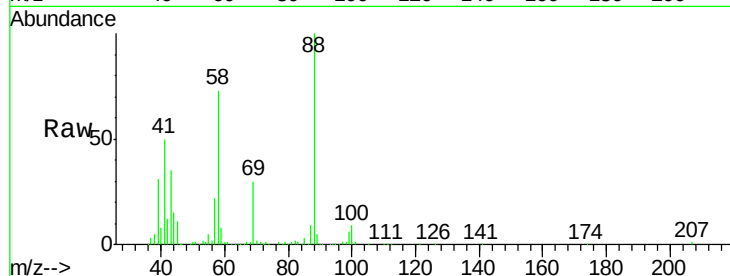
Tgt Ion: 88 Resp: 43350

Ion Ratio Lower Upper

88 100

43 38.9 29.8 44.8

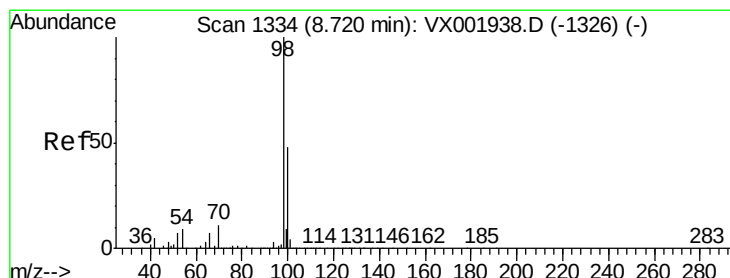
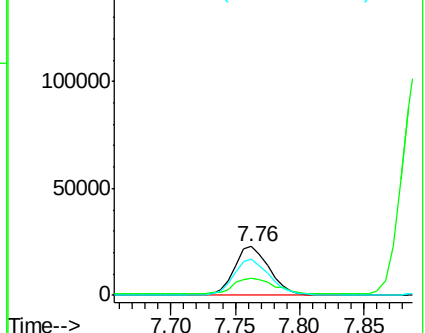
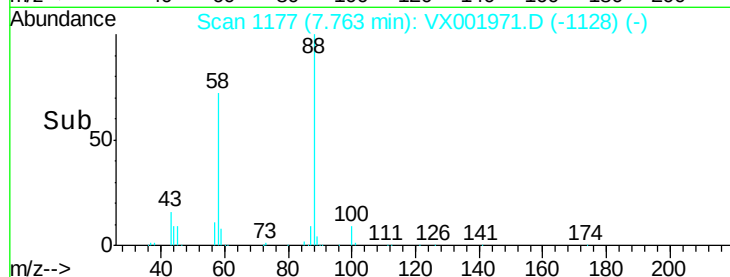
58 73.7 58.7 88.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.56 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001971.D

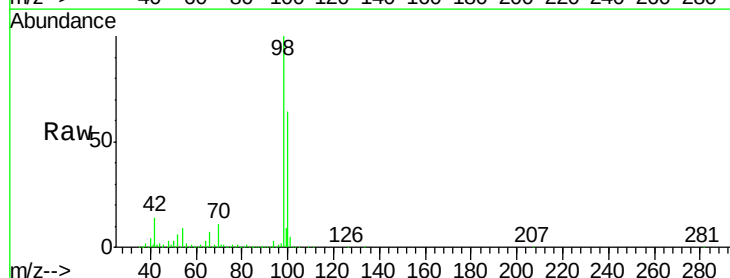
Acq: 25 May 2018 12:37

Tgt Ion: 98 Resp: 676457

Ion Ratio Lower Upper

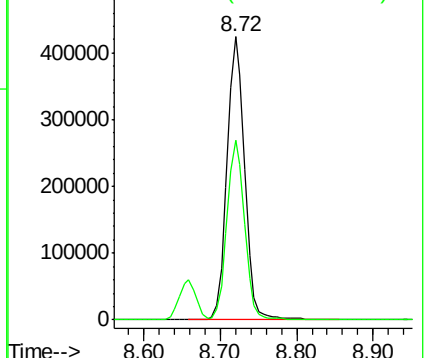
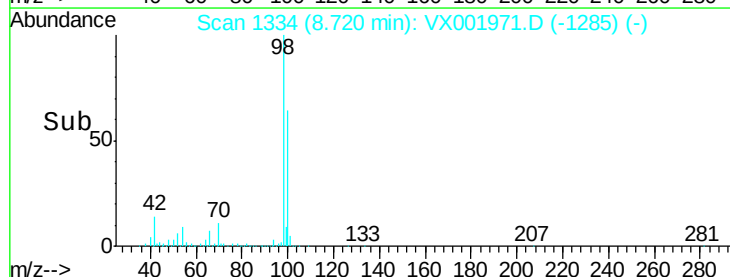
98 100

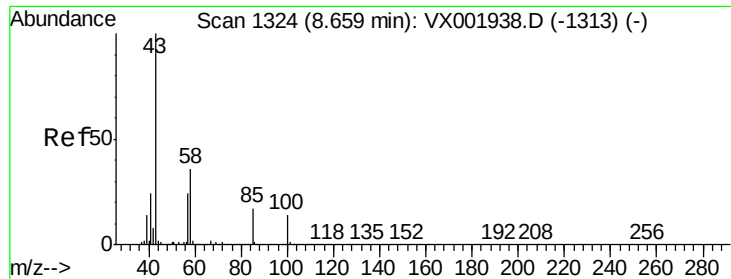
100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 104.39 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

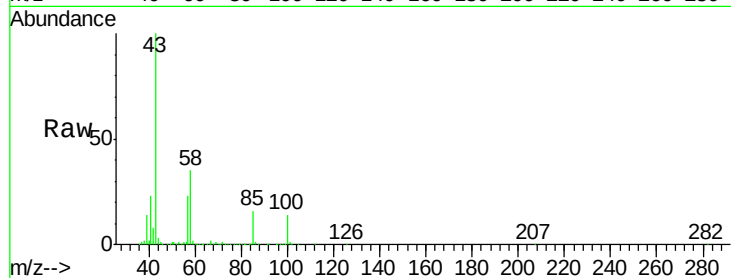
VX0525MBS01

Tgt Ion: 43 Resp: 716814

Ion Ratio Lower Upper

43 100

58 34.7 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

400000

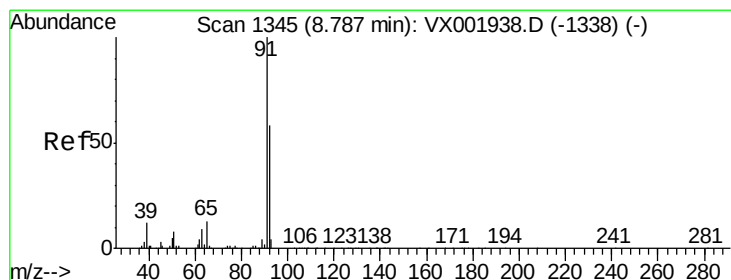
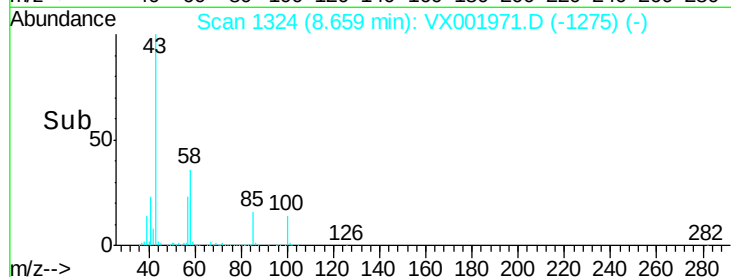
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 19.43 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX001971.D

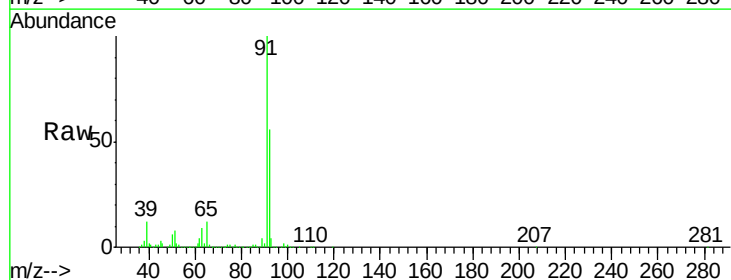
Acq: 25 May 2018 12:37

Tgt Ion: 92 Resp: 189980

Ion Ratio Lower Upper

92 100

91 176.2 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

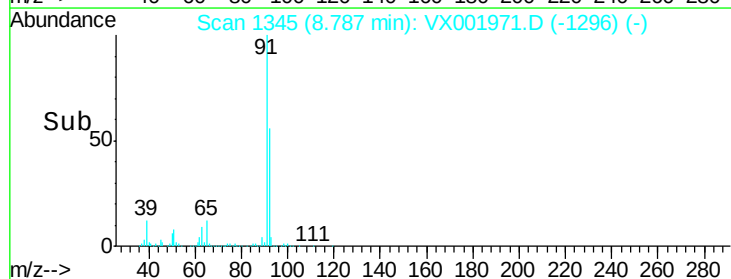
150000

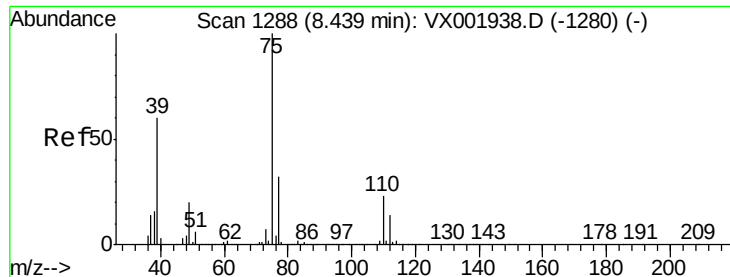
100000

50000

0

Time--> 8.70 8.80 8.90 9.00





#53

t-1,3-Dichloropropene

Concen: 19.59 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

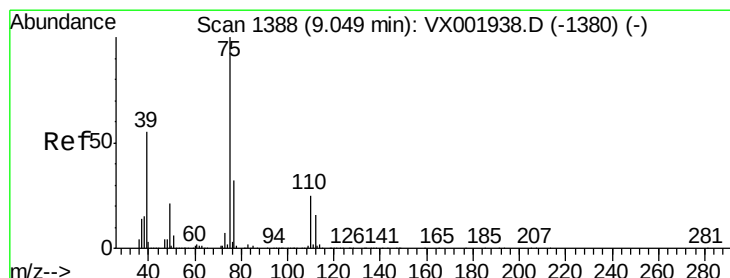
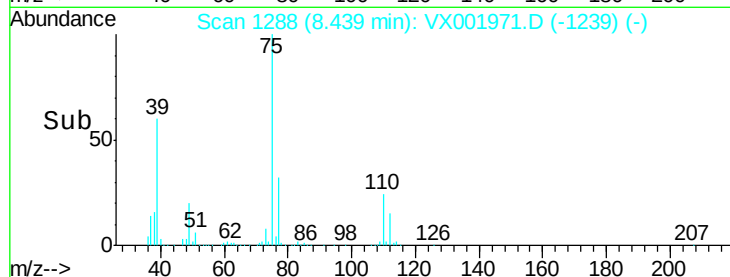
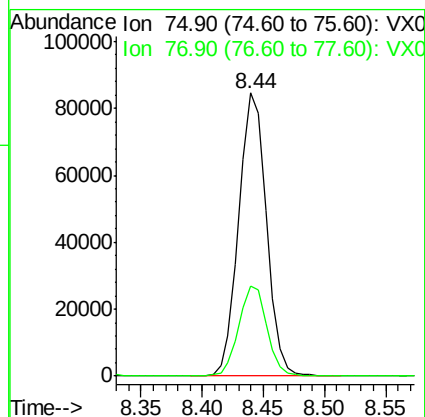
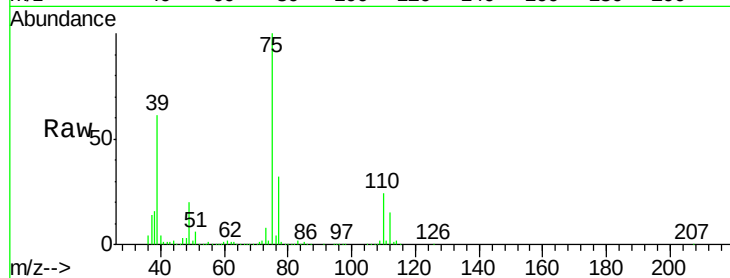
VX0525MBS01

Tgt Ion: 75 Resp: 132915

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.56 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

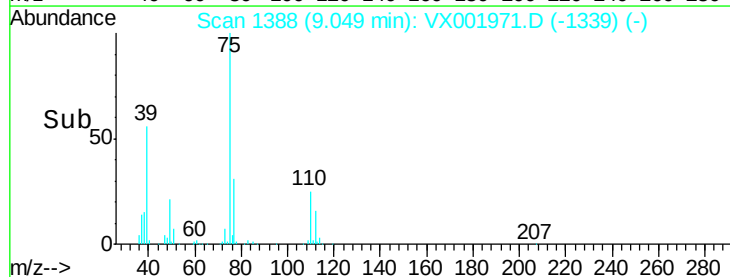
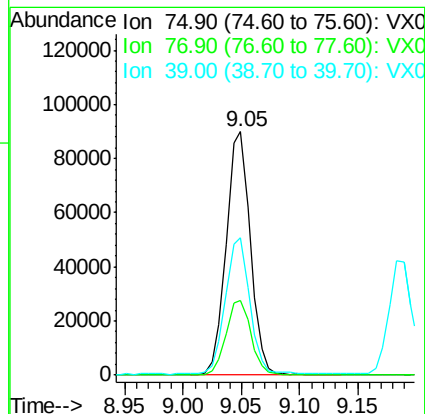
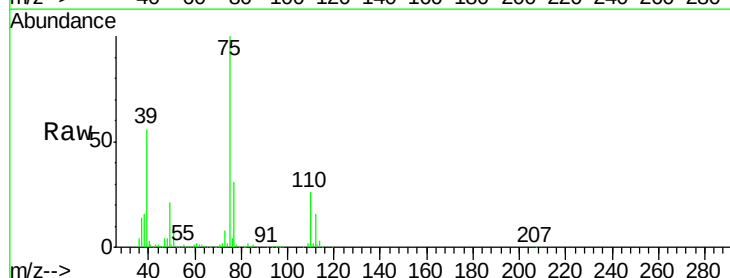
Tgt Ion: 75 Resp: 129318

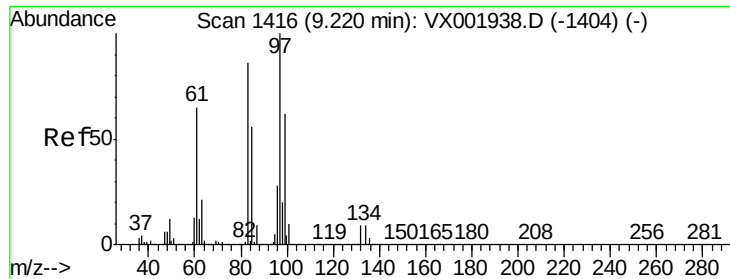
Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0

39 55.9 44.1 66.1

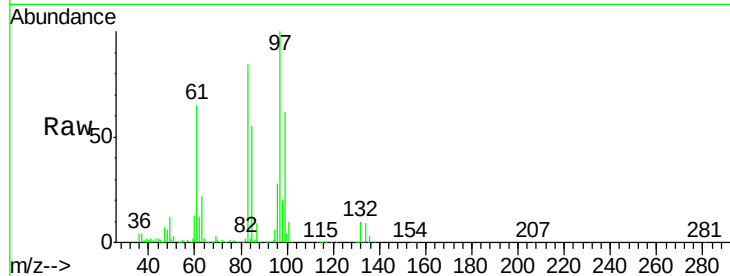




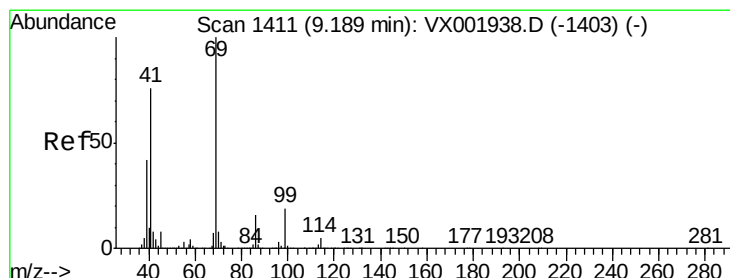
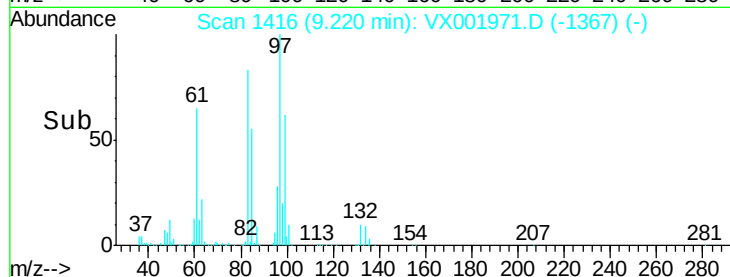
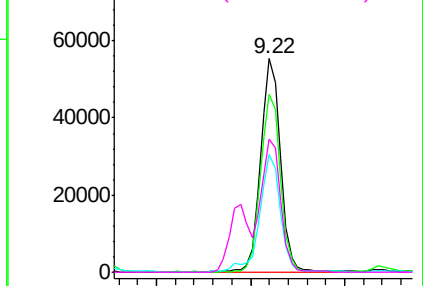
#55
 1,1,2-Trichloroethane
 Concen: 19.94 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBS01

Tgt Ion:	97	Resp:	81456
Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.1	103.7
85	55.2	45.2	67.8
99	62.5	49.6	74.4

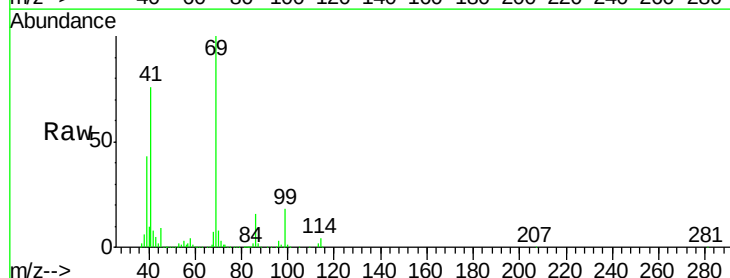


Abundance Ion 96.90 (96.60 to 97.60): VX0

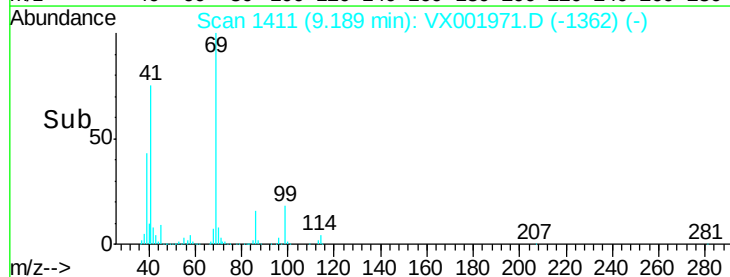
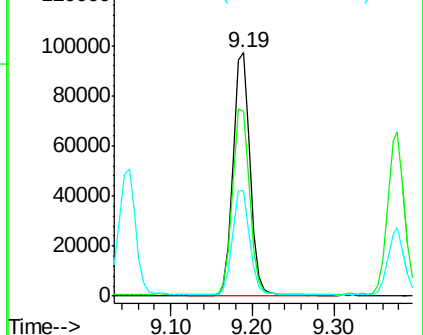


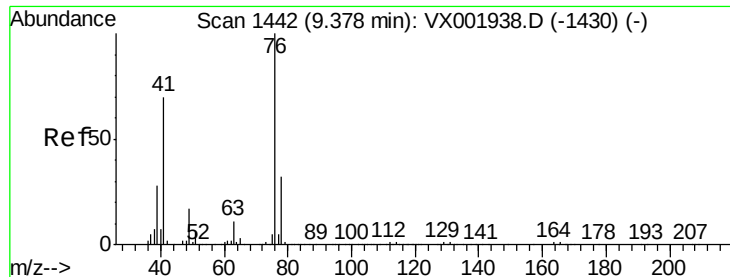
#56
 Ethyl methacrylate
 Concen: 19.58 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

Tgt Ion:	69	Resp:	137558
Ion	Ratio	Lower	Upper
69	100		
41	77.4	61.0	91.6
39	43.7	34.4	51.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

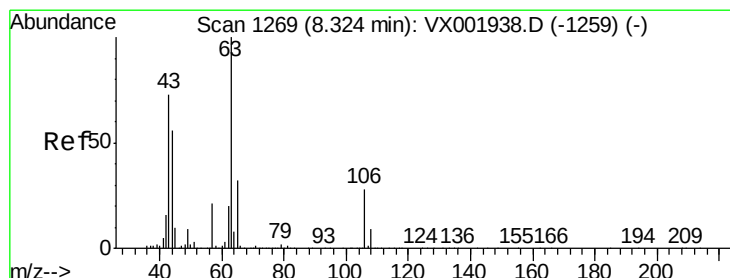
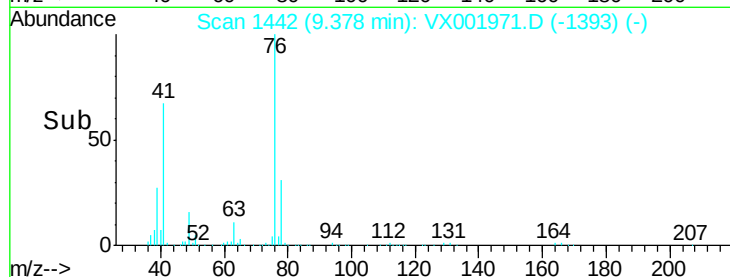
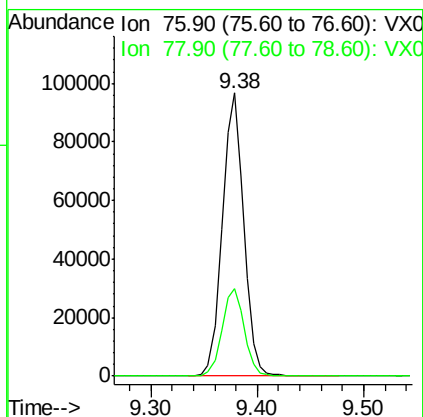
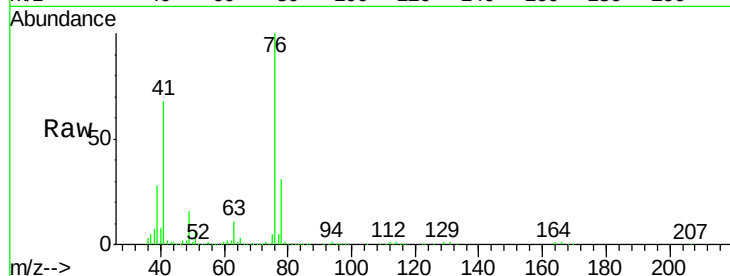




#57
 1,3-Dichloropropane
 Concen: 20.18 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

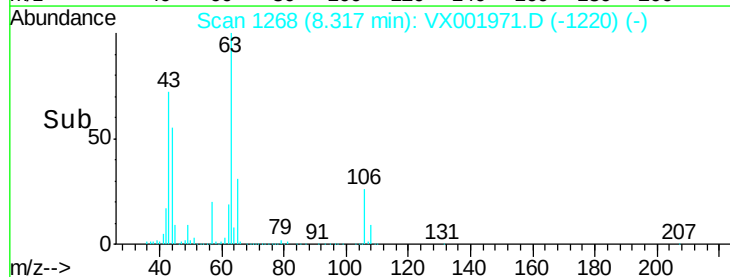
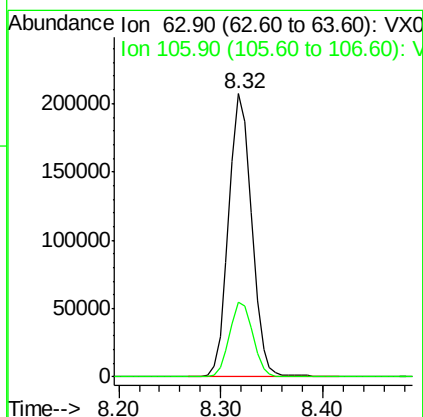
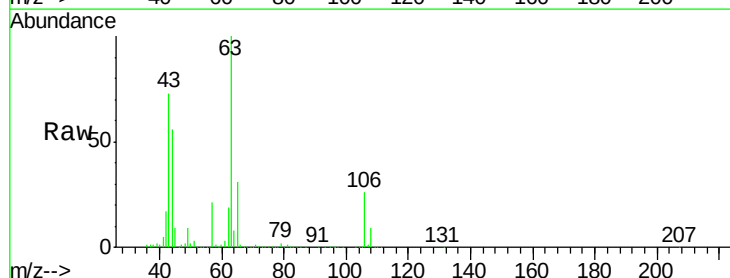
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBS01

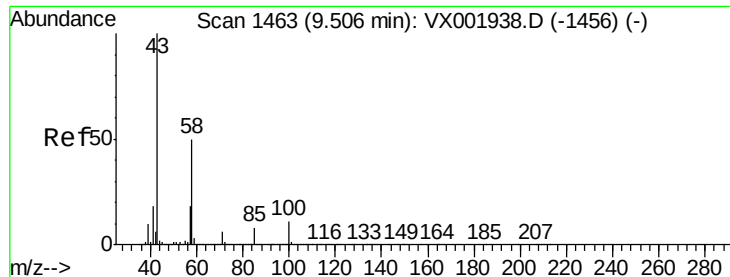
Tgt Ion: 76 Resp: 135789
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.05 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

Tgt Ion: 63 Resp: 323997
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.7 32.5

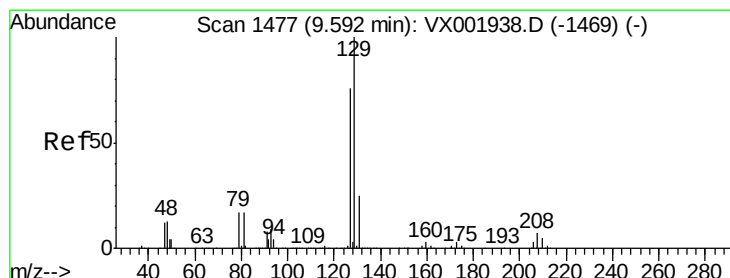
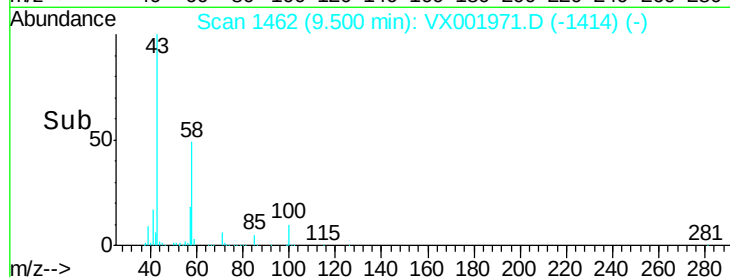
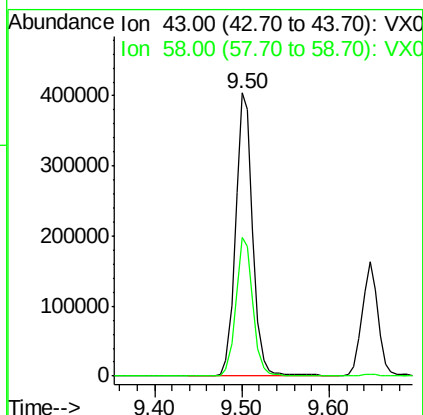
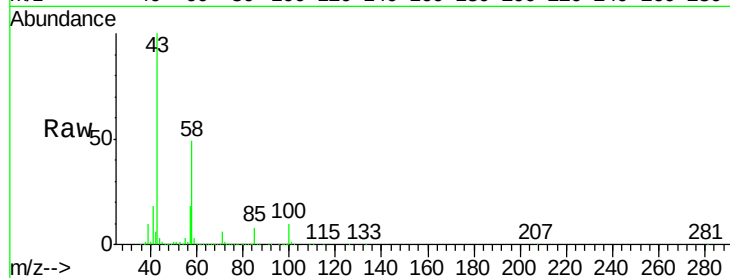




#59
2-Hexanone
Concen: 104.28 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

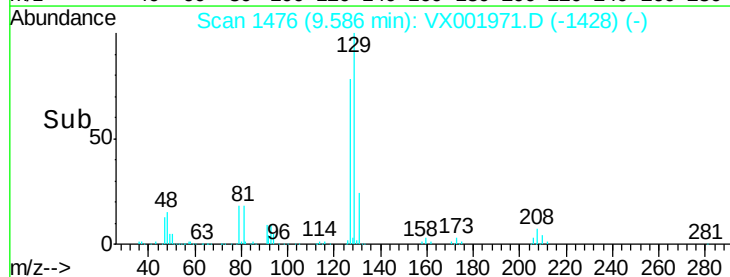
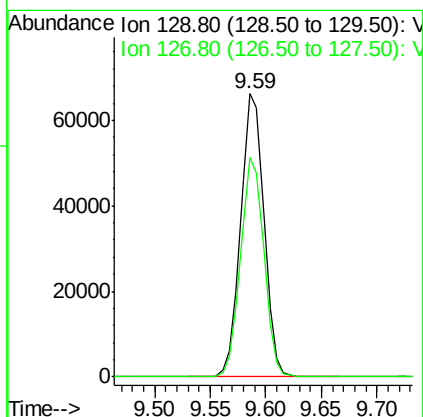
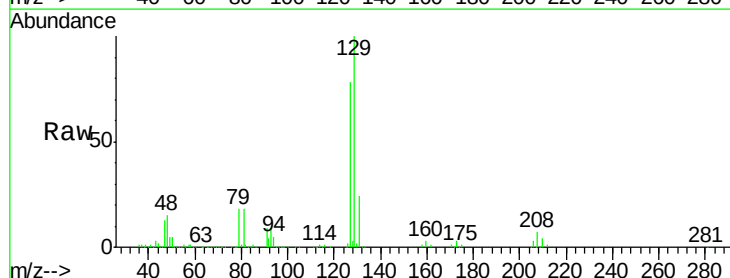
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBS01

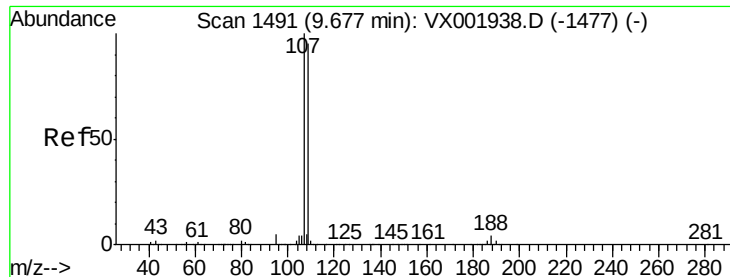
Tgt Ion: 43 Resp: 552159
Ion Ratio Lower Upper
43 100
58 49.0 24.9 74.6



#60
Dibromochloromethane
Concen: 19.90 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

Tgt Ion: 129 Resp: 96264
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.93 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

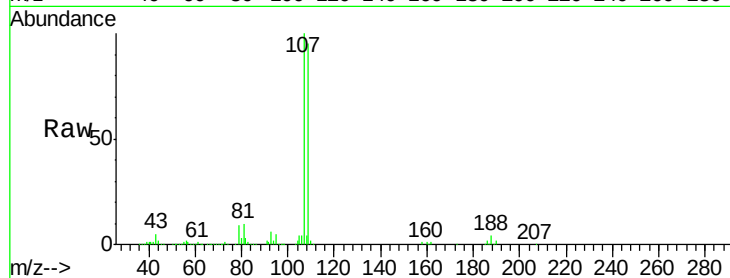
VX0525MBS01

Tgt Ion: 107 Resp: 85436

Ion Ratio Lower Upper

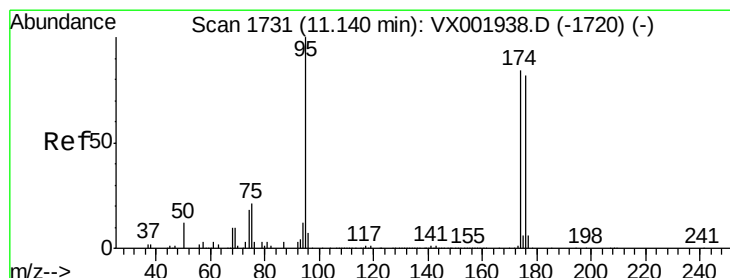
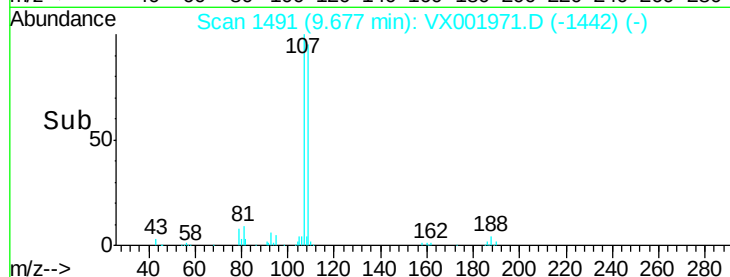
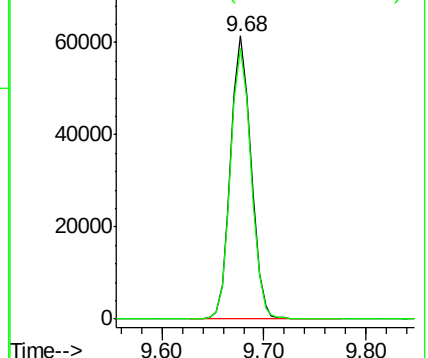
107 100

109 95.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

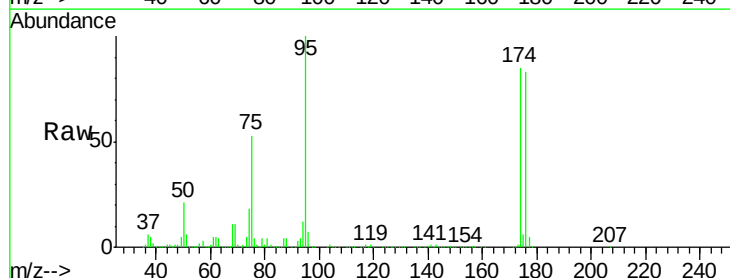
Tgt Ion: 95 Resp: 258347

Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.8

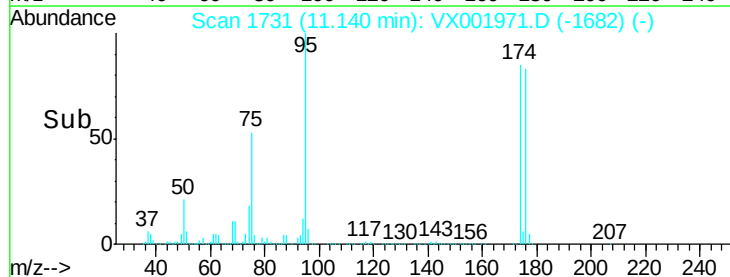
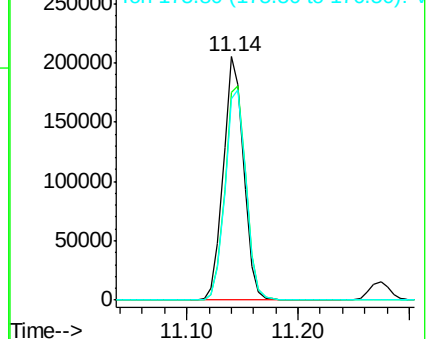
176 89.2 0.0 175.6

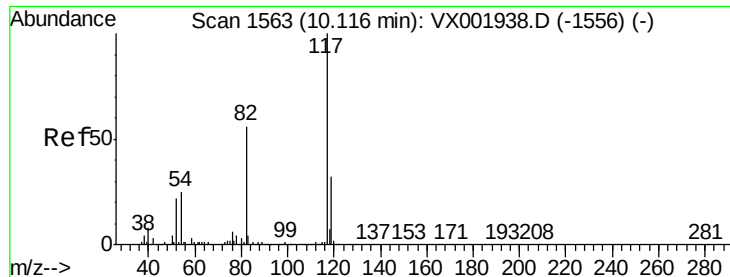


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

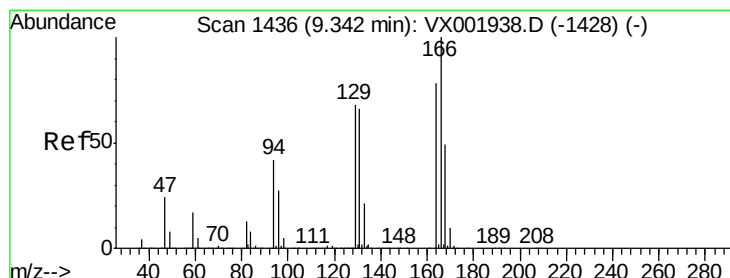
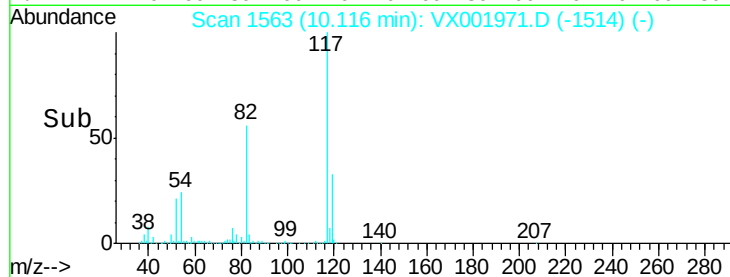
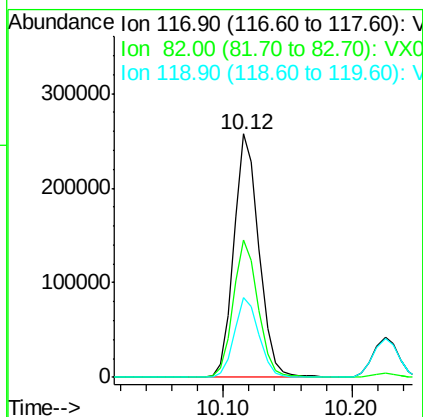
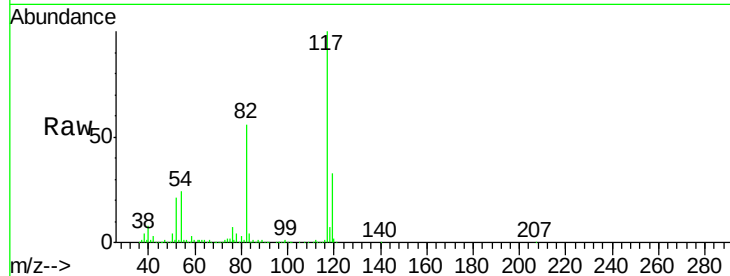




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

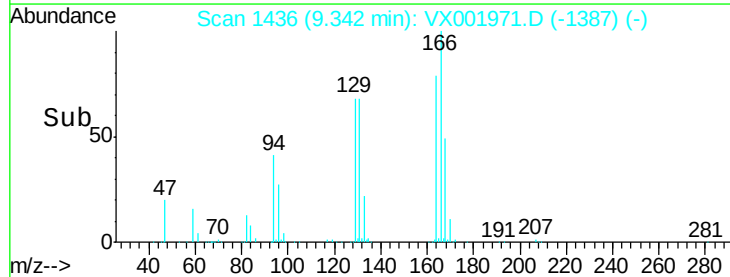
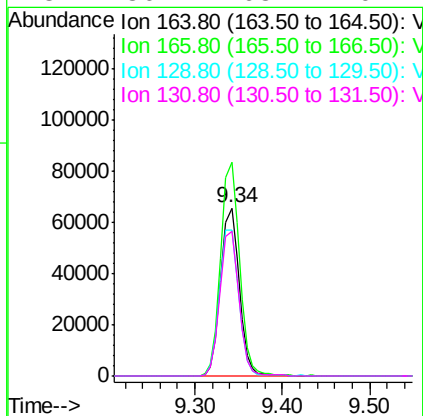
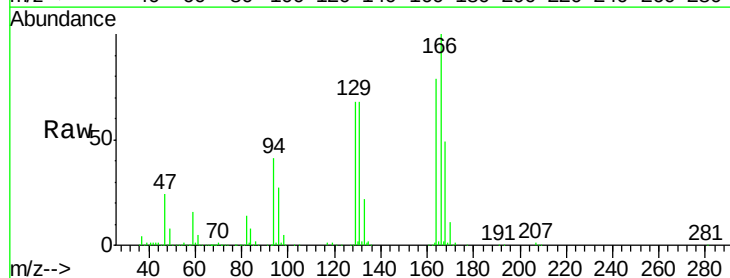
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBS01

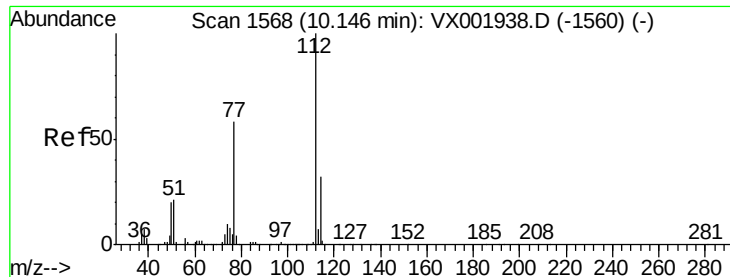
Tgt Ion:117 Resp: 349922
Ion Ratio Lower Upper
117 100
82 56.2 44.8 67.2
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 19.39 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

Tgt Ion:164 Resp: 97301
Ion Ratio Lower Upper
164 100
166 127.1 102.7 154.1
129 86.8 70.3 105.5
131 86.1 68.2 102.4





#65

Chlorobenzene

Concen: 19.62 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

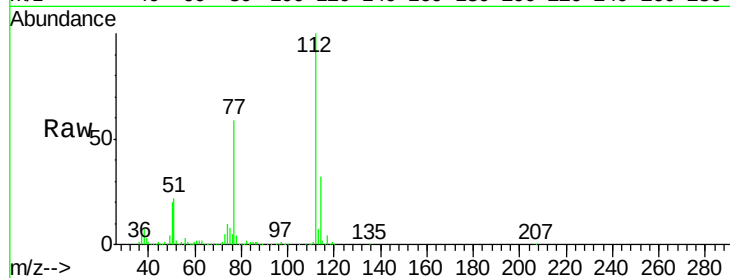
VX0525MBS01

Tgt Ion:112 Resp: 217555

Ion Ratio Lower Upper

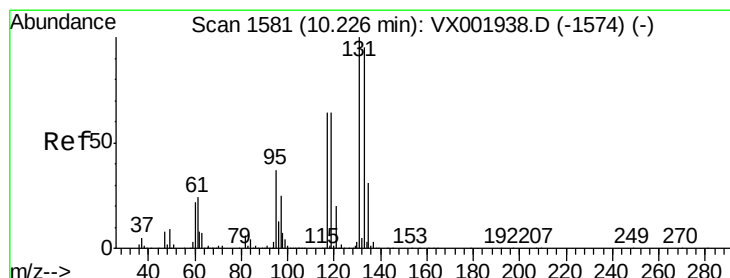
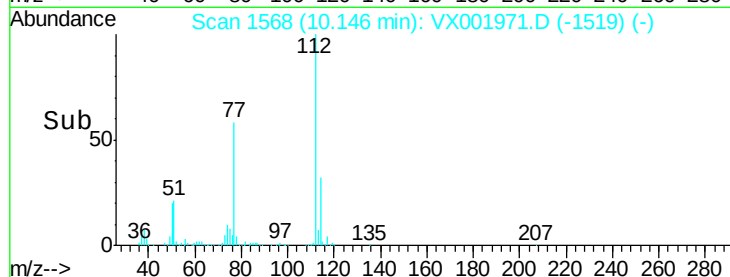
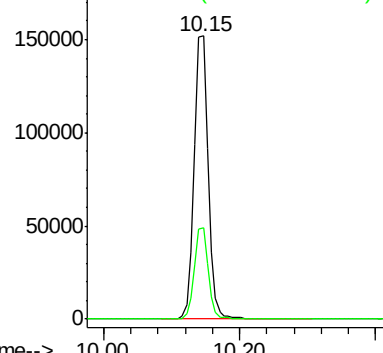
112 100

114 32.5 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.29 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

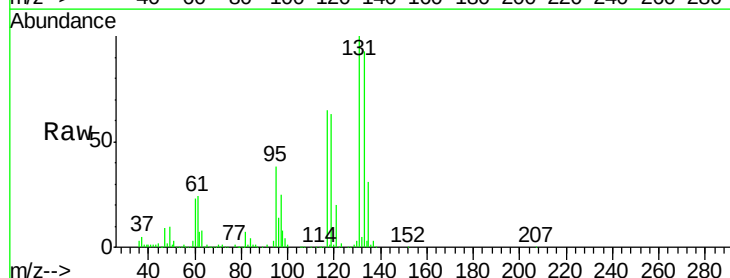
Tgt Ion:131 Resp: 86342

Ion Ratio Lower Upper

131 100

133 95.2 48.0 144.0

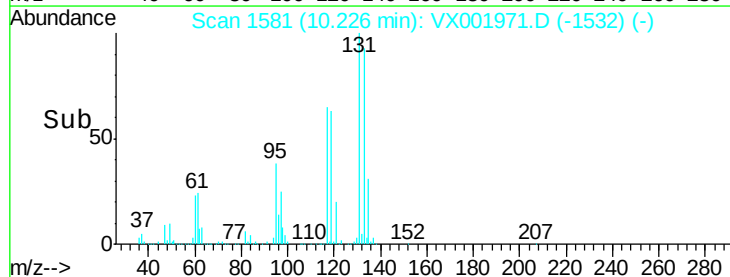
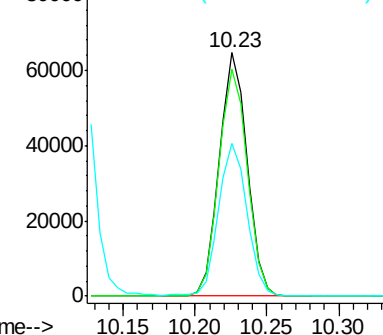
119 63.9 31.9 95.5

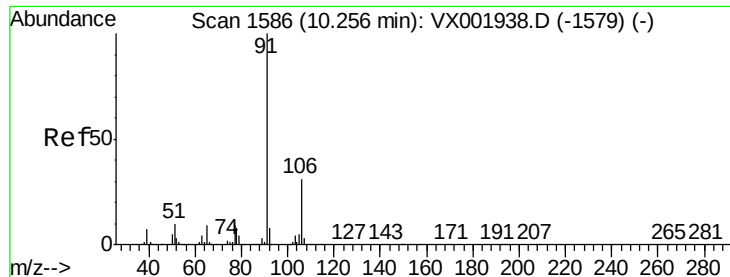


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.49 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

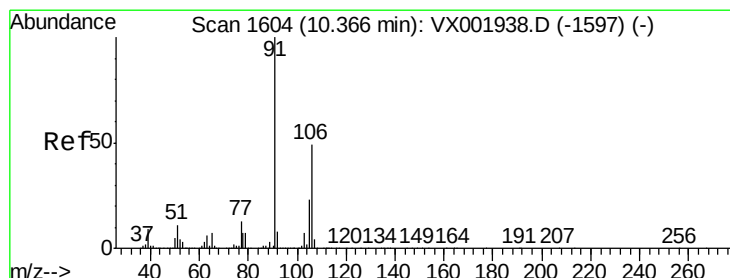
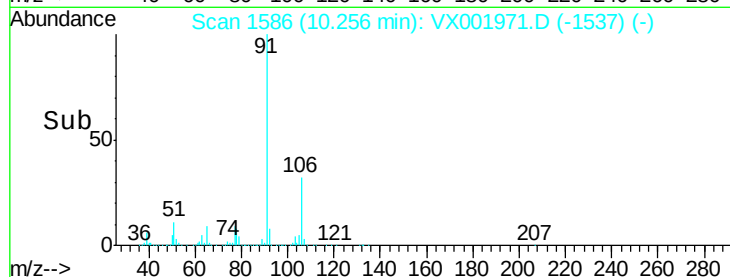
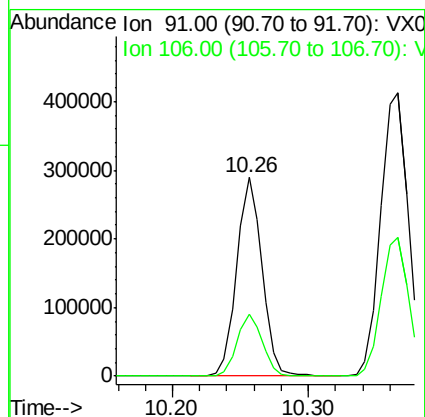
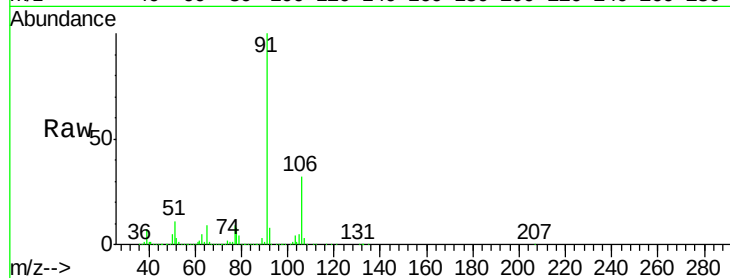
VX0525MBS01

Tgt Ion: 91 Resp: 375416

Ion Ratio Lower Upper

91 100

106 31.5 25.0 37.6



#68

m/p-Xylenes

Concen: 38.84 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001971.D

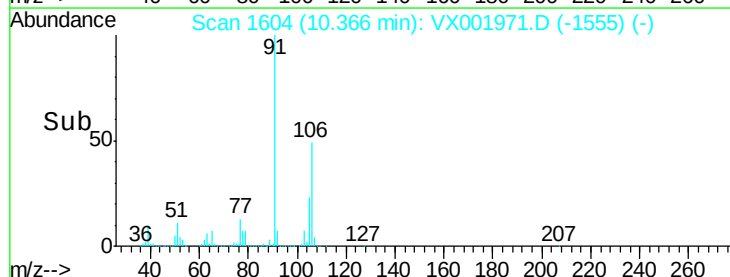
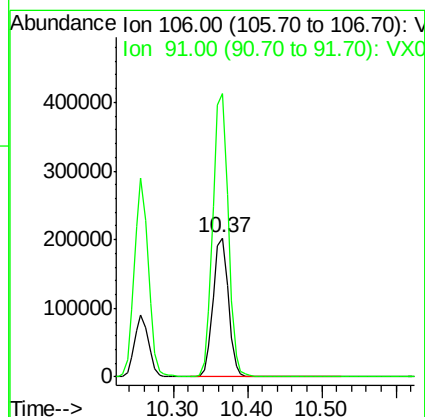
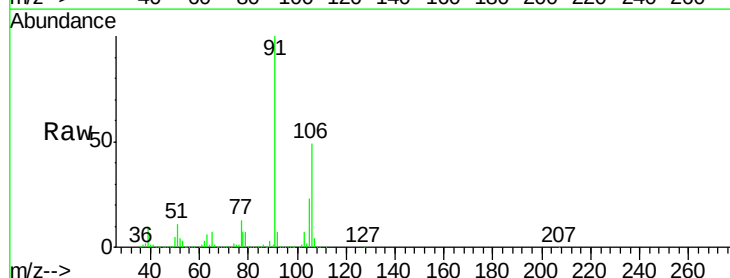
Acq: 25 May 2018 12:37

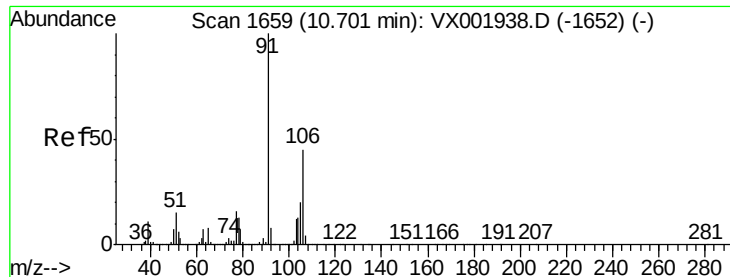
Tgt Ion: 106 Resp: 285973

Ion Ratio Lower Upper

106 100

91 205.8 165.0 247.6

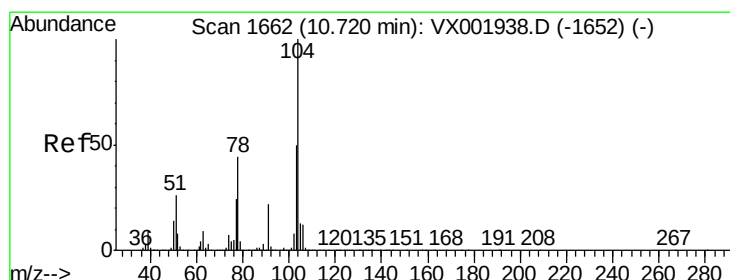
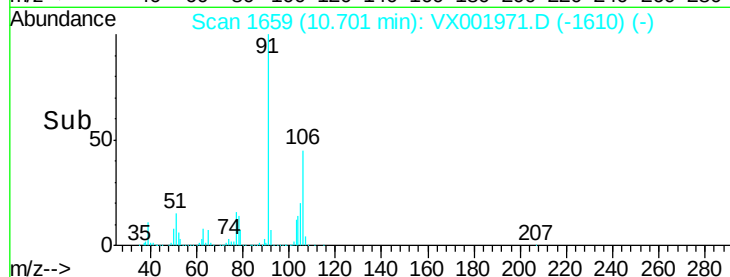
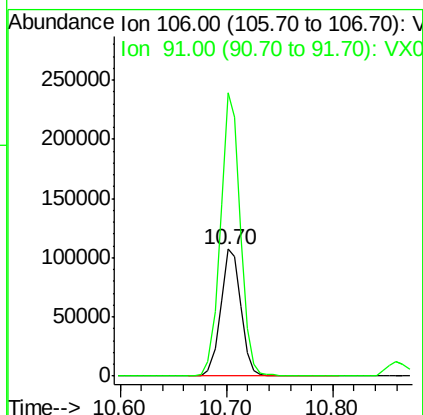
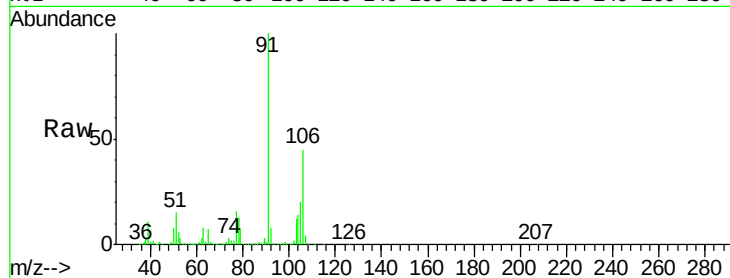




#69
o-Xylene
Concen: 19.35 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

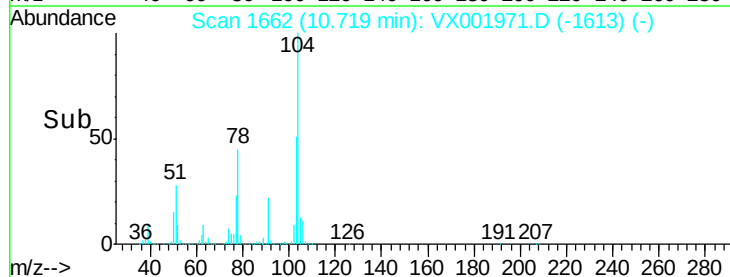
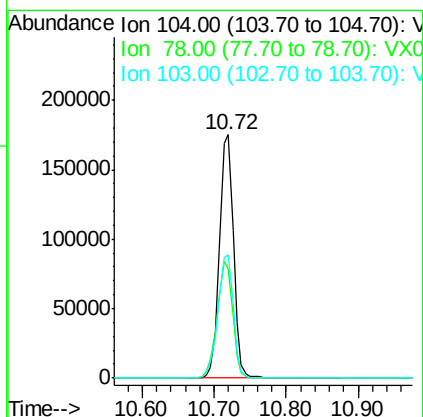
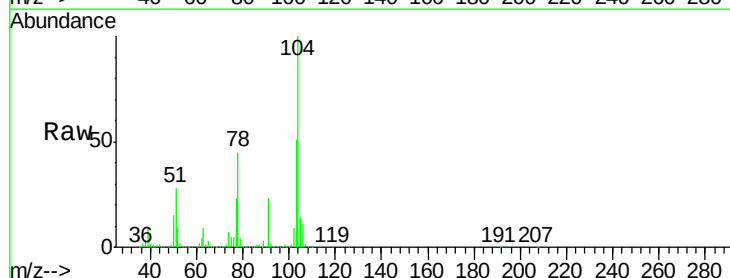
Instrument :
MSVOA_X
ClientSampled :
VX0525MBS01

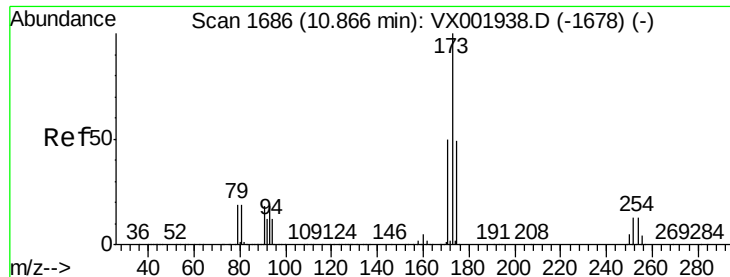
Tgt Ion:106 Resp: 142258
Ion Ratio Lower Upper
106 100
91 217.1 108.7 325.9



#70
Styrene
Concen: 19.34 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001971.D
Acq: 25 May 2018 12:37

Tgt Ion:104 Resp: 235840
Ion Ratio Lower Upper
104 100
78 53.2 41.8 62.6
103 55.5 44.6 67.0





#71

Bromoform

Concen: 18.98 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBS01

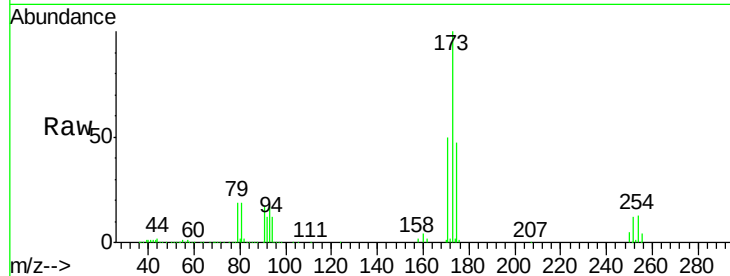
Tgt Ion:173 Resp: 80550

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.9

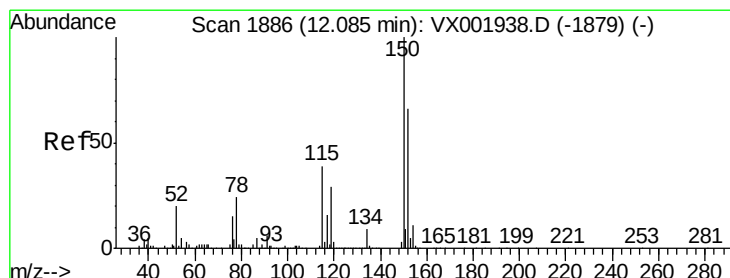
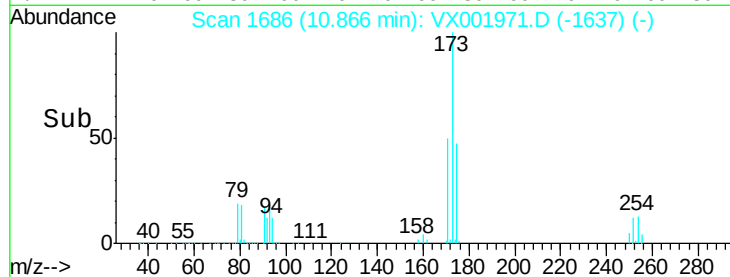
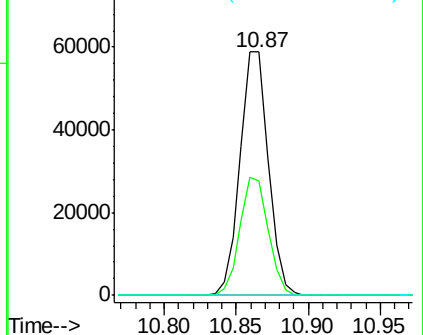
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

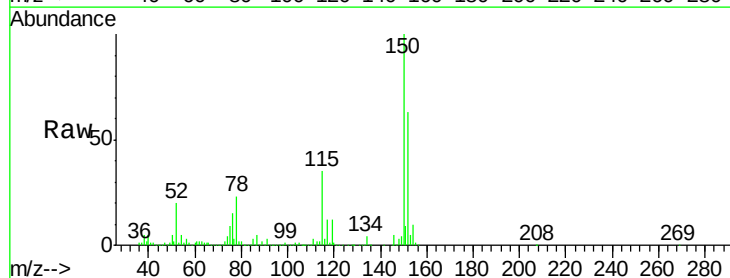
Tgt Ion:152 Resp: 228603

Ion Ratio Lower Upper

152 100

115 67.4 42.3 126.8

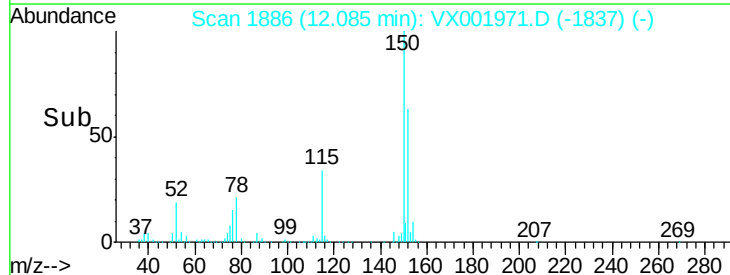
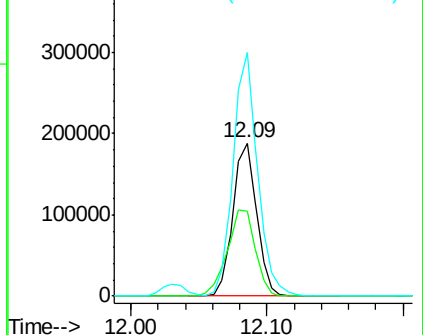
150 164.1 0.0 351.0

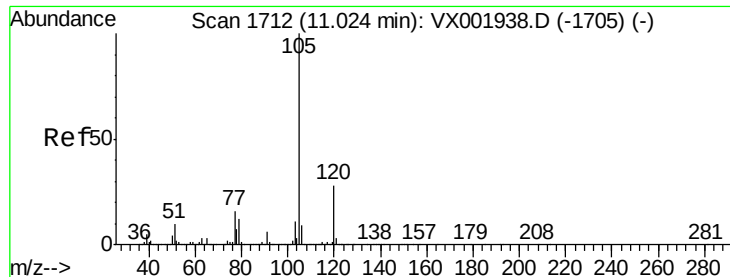


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.64 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

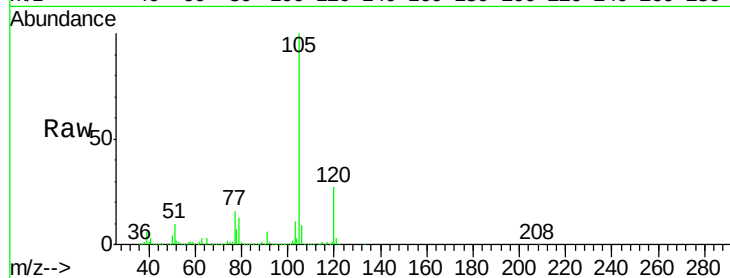
VX0525MBS01

Tgt Ion:105 Resp: 380130

Ion Ratio Lower Upper

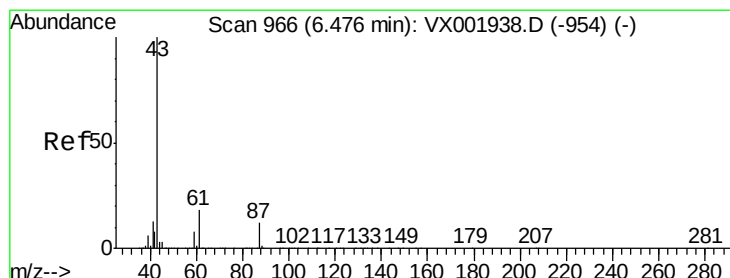
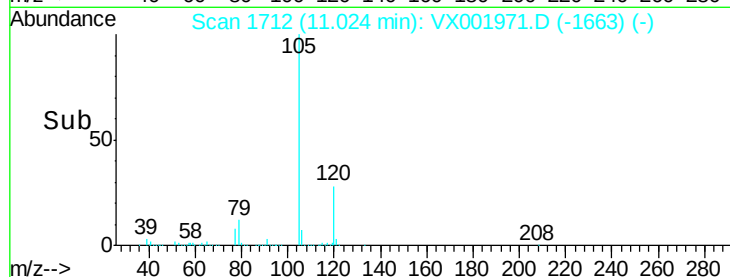
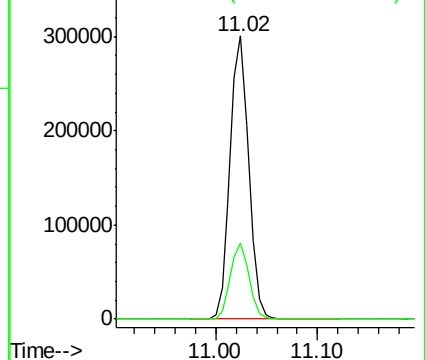
105 100

120 26.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.15 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Tgt Ion: 43 Resp: 230683

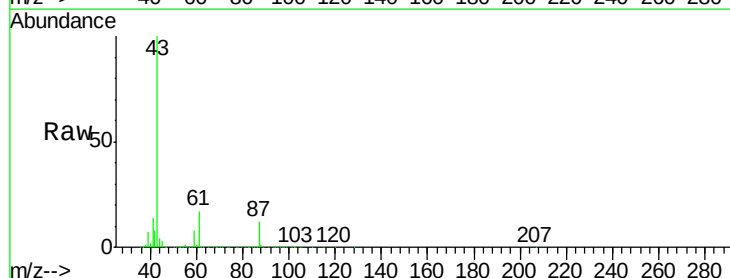
Ion Ratio Lower Upper

43 100

70 0.1 0.1 0.1#

55 0.1 0.1 0.1#

61 17.9 14.5 21.7

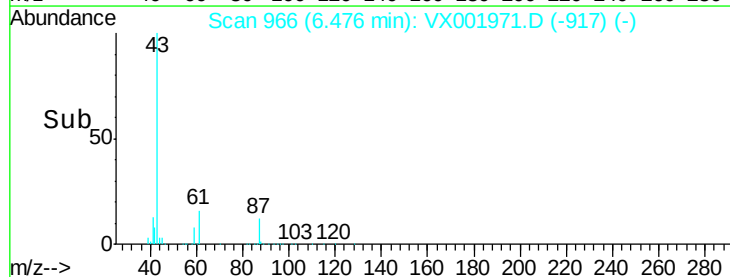
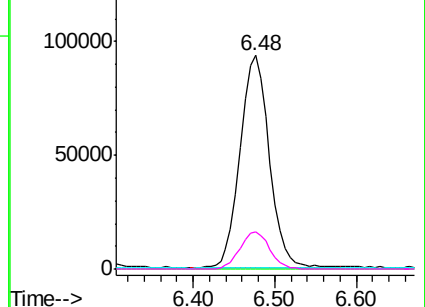


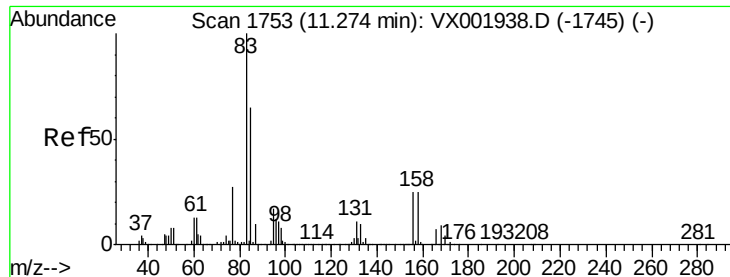
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.34 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBS01

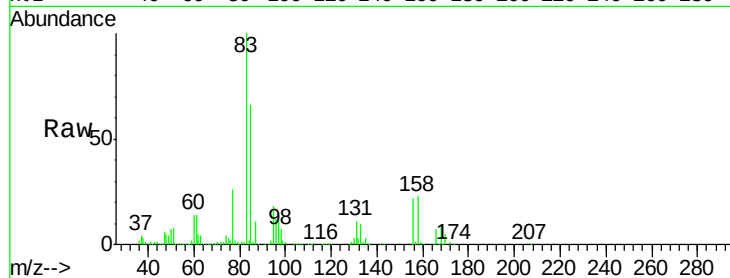
Tgt Ion: 83 Resp: 116820

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.0

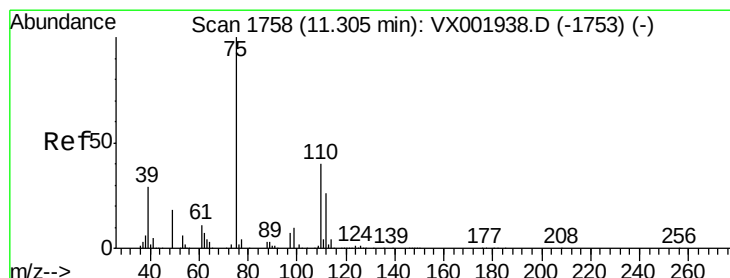
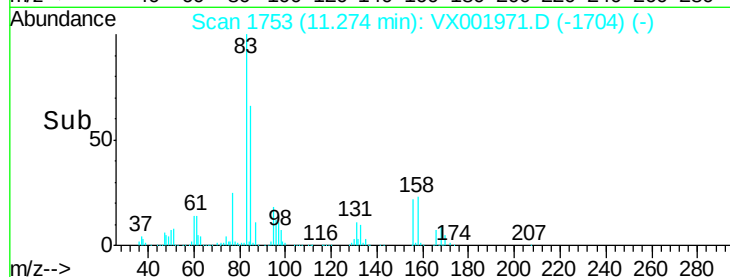
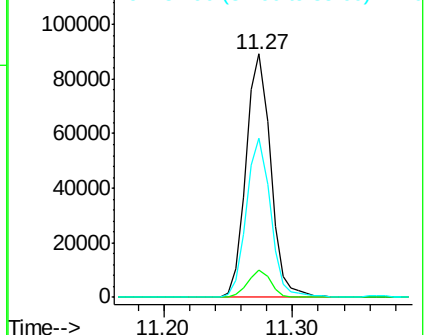
85 64.5 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.85 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001971.D

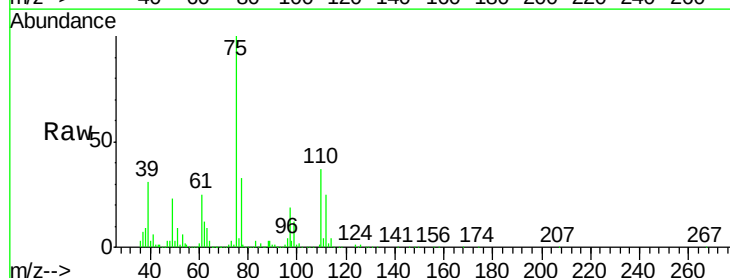
Acq: 25 May 2018 12:37

Tgt Ion: 75 Resp: 152903

Ion Ratio Lower Upper

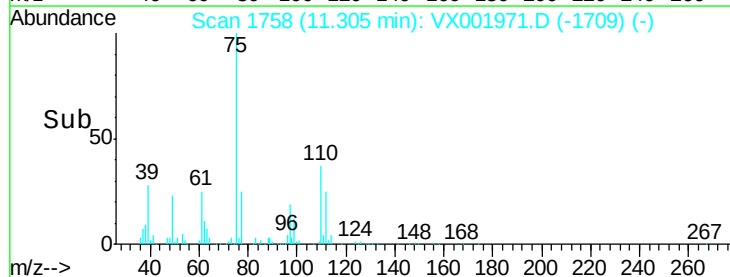
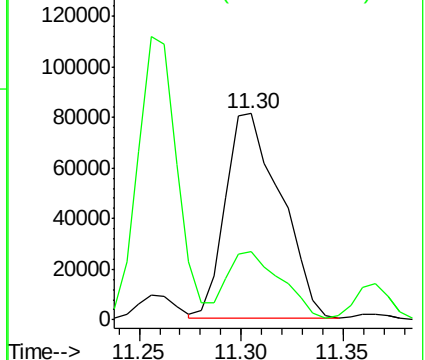
75 100

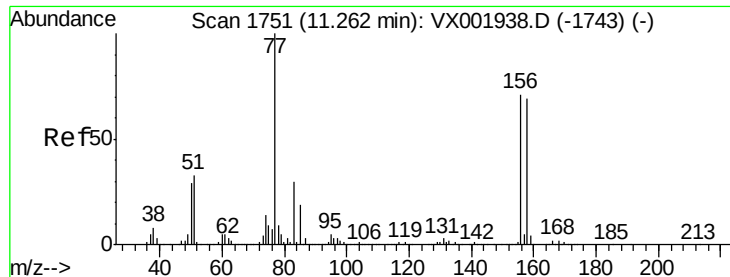
77 33.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.43 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampled :

VX0525MBS01

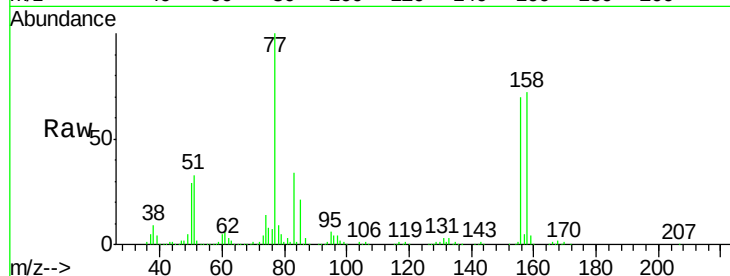
Tgt Ion:156 Resp: 99813

Ion Ratio Lower Upper

156 100

77 148.3 75.2 225.6

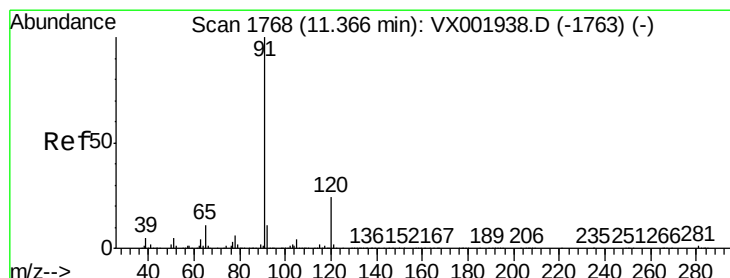
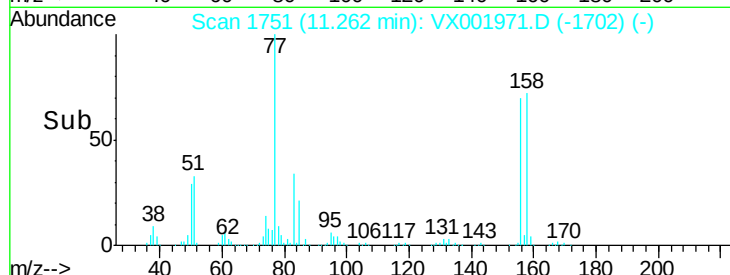
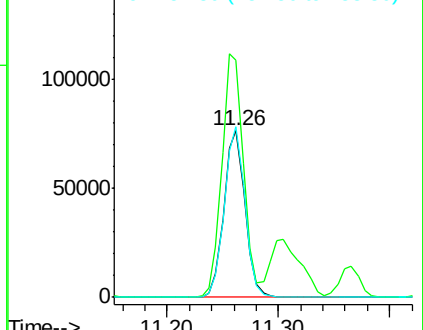
158 100.6 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.41 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001971.D

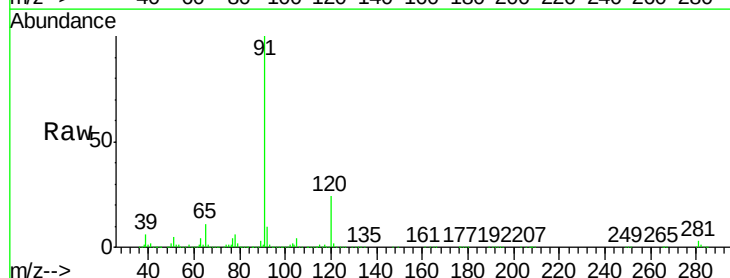
Acq: 25 May 2018 12:37

Tgt Ion: 91 Resp: 420839

Ion Ratio Lower Upper

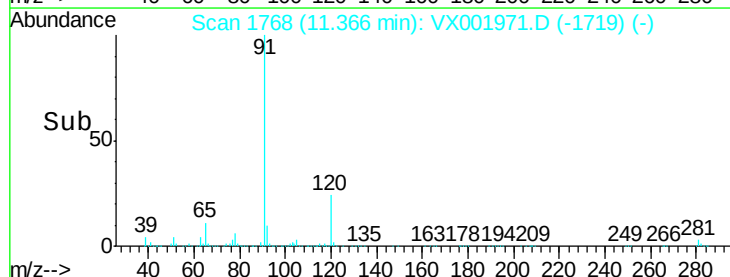
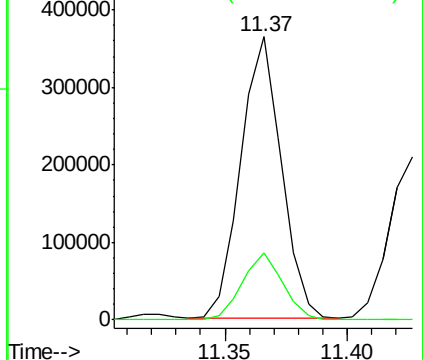
91 100

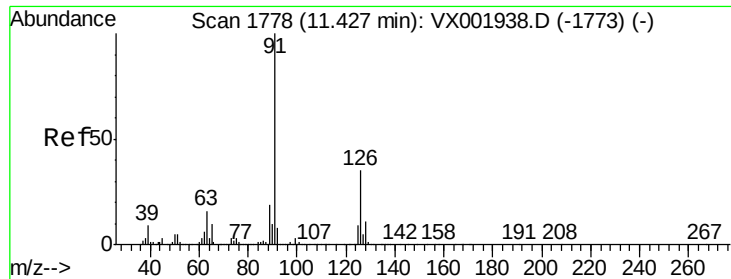
120 23.7 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.31 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

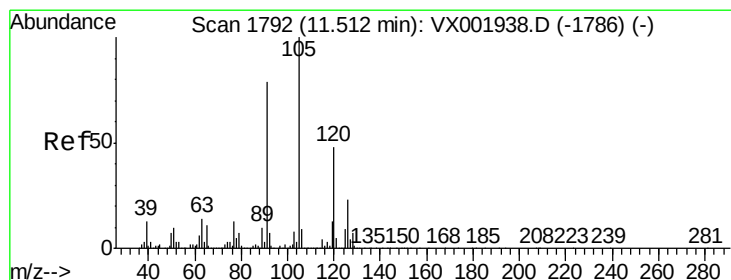
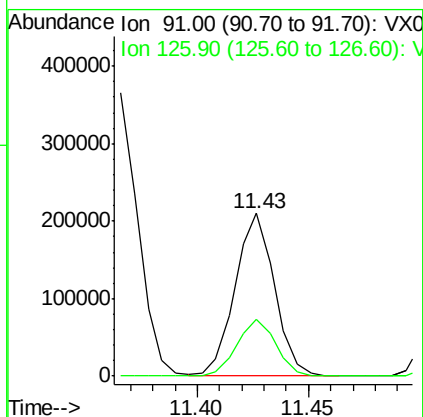
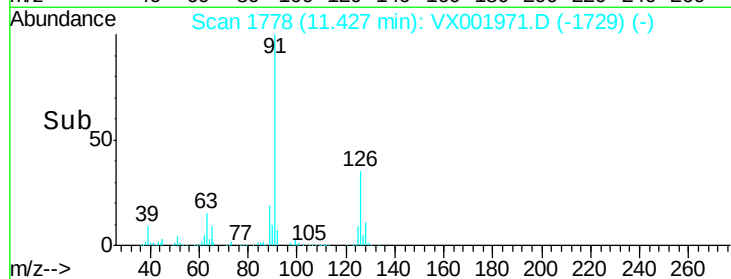
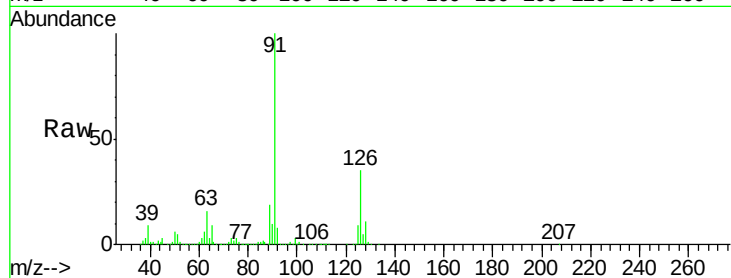
VX0525MBS01

Tgt Ion: 91 Resp: 257825

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 19.47 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001971.D

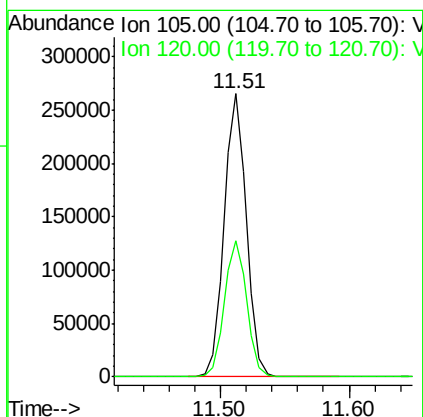
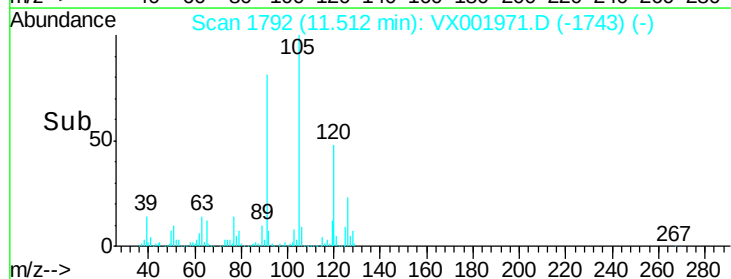
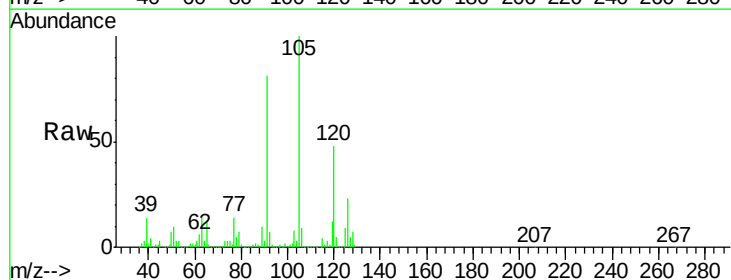
Acq: 25 May 2018 12:37

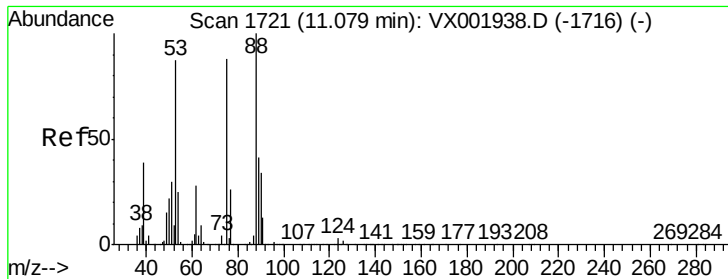
Tgt Ion: 105 Resp: 322169

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.72 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampled :

VX0525MBS01

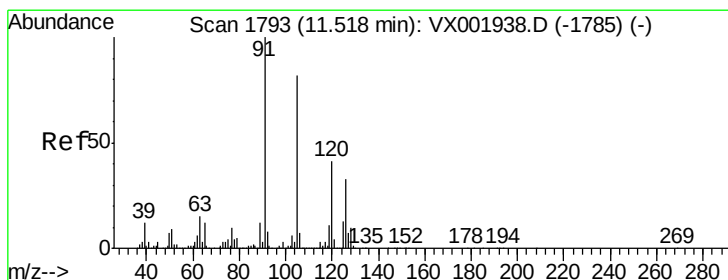
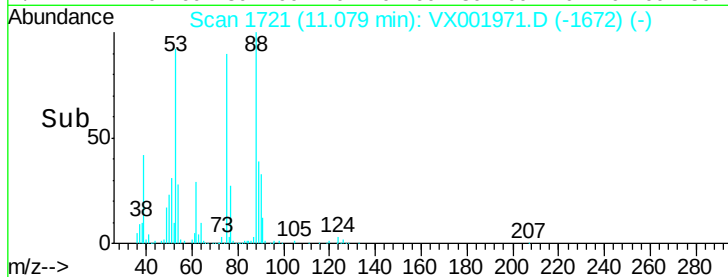
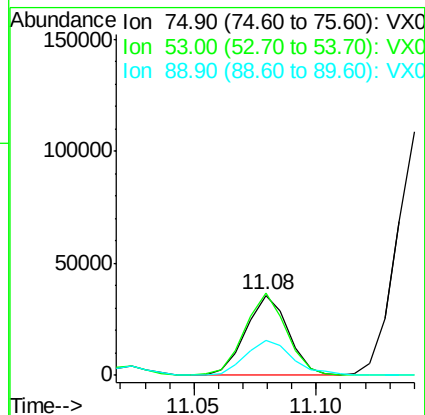
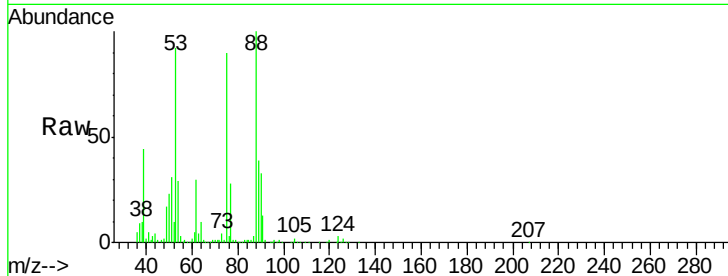
Tgt Ion: 75 Resp: 42763

Ion Ratio Lower Upper

75 100

53 100.8 78.0 117.0

89 49.4 39.4 59.2



#82

4-Chlorotoluene

Concen: 19.39 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001971.D

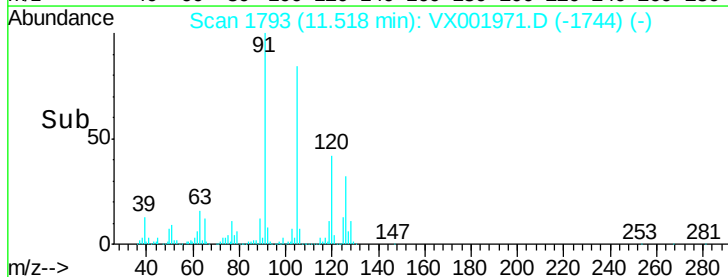
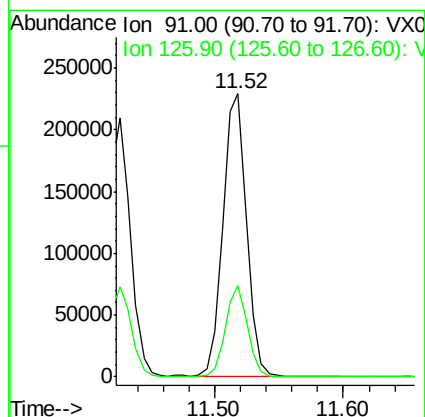
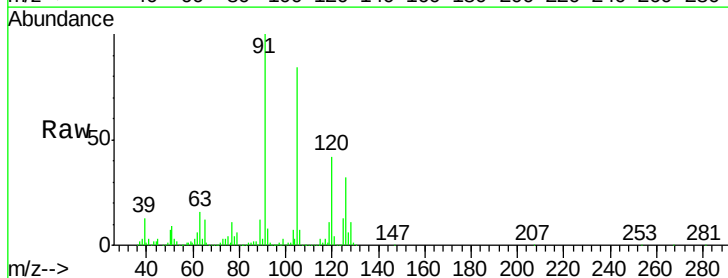
Acq: 25 May 2018 12:37

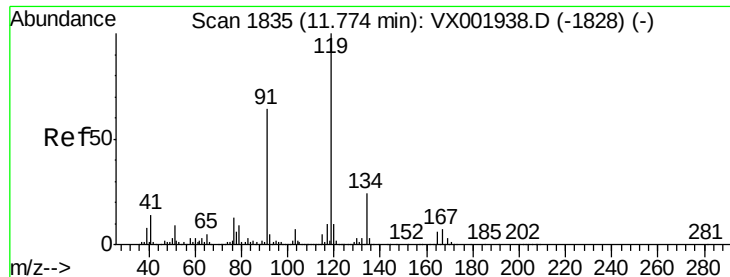
Tgt Ion: 91 Resp: 296492

Ion Ratio Lower Upper

91 100

126 30.3 15.3 45.8

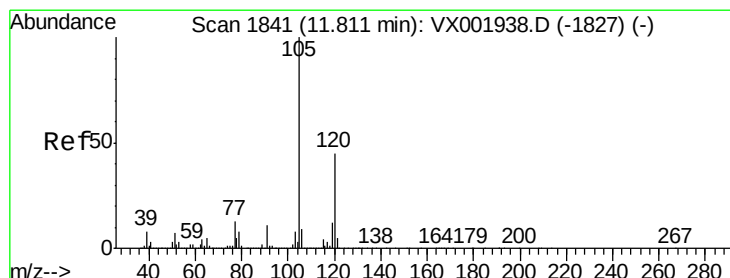
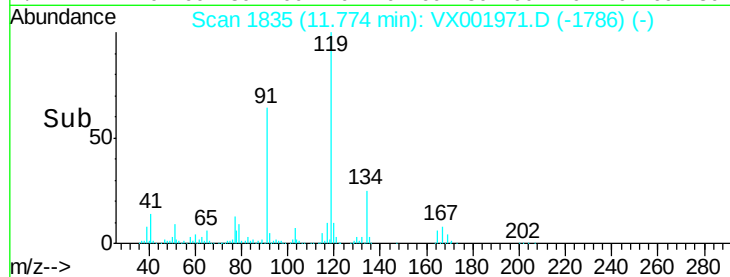
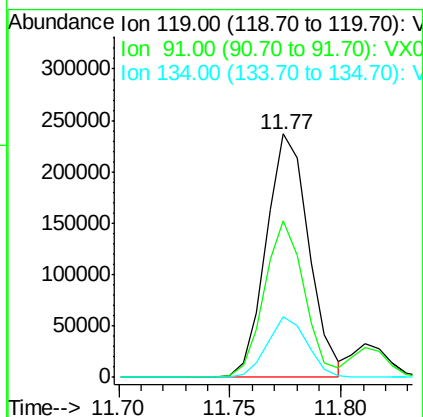
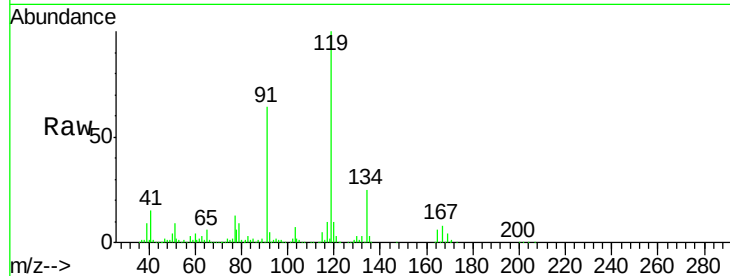




#83
 tert-Butylbenzene
 Concen: 19.40 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

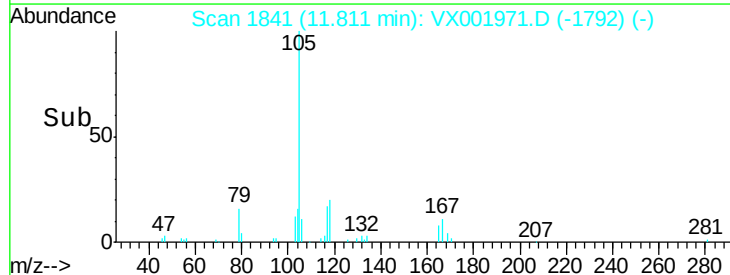
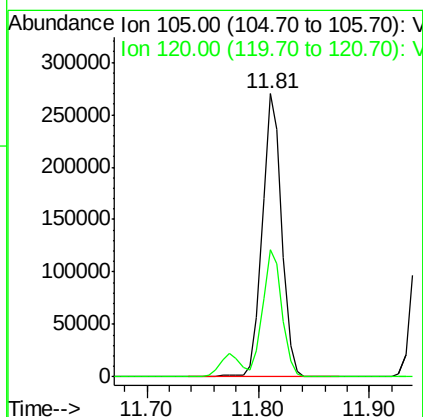
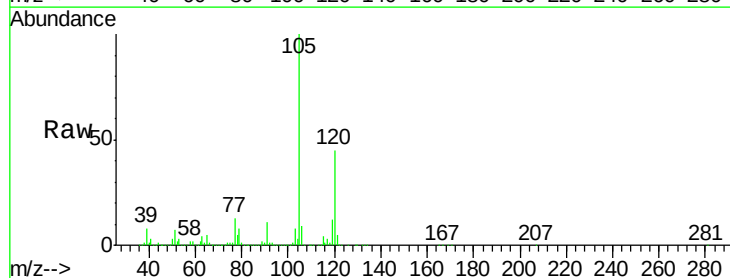
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBS01

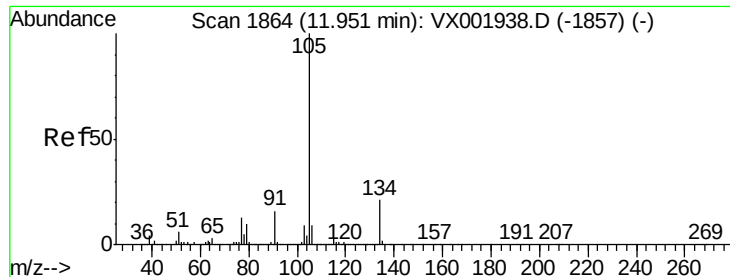
Tgt Ion:119 Resp: 315003
 Ion Ratio Lower Upper
 119 100
 91 60.5 30.6 91.8
 134 23.4 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.30 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

Tgt Ion:105 Resp: 330010
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.58 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

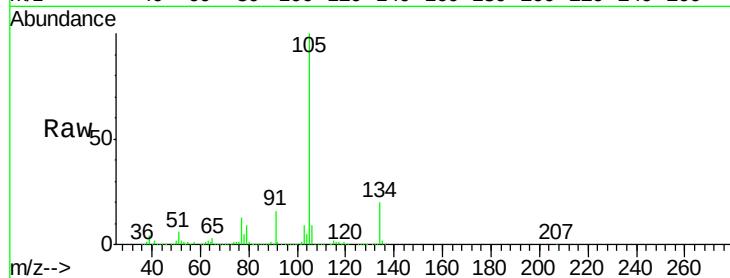
VX0525MBS01

Tgt Ion:105 Resp: 382184

Ion Ratio Lower Upper

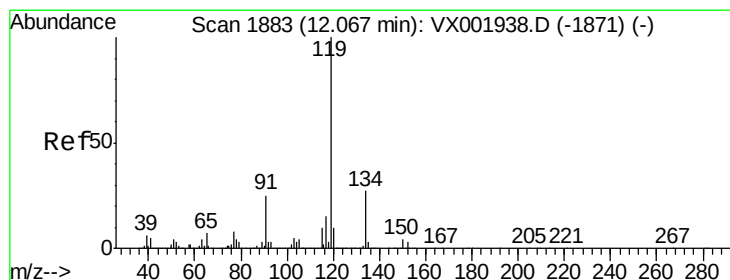
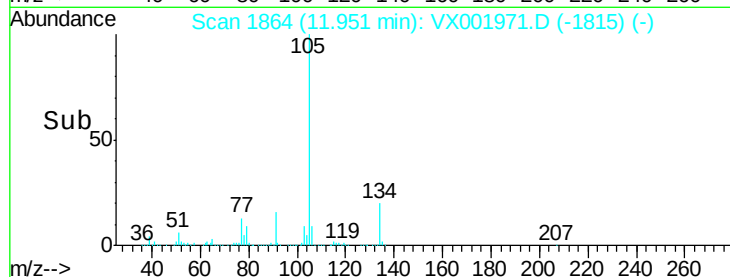
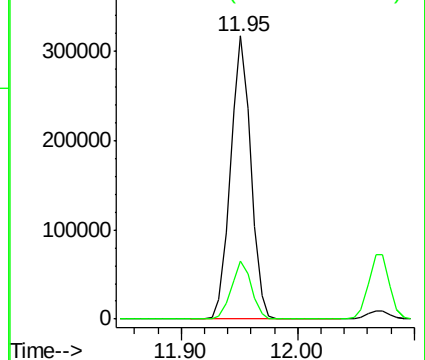
105 100

134 20.4 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.51 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

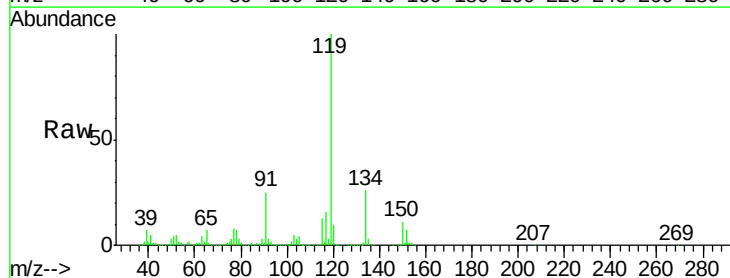
Tgt Ion:119 Resp: 340614

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

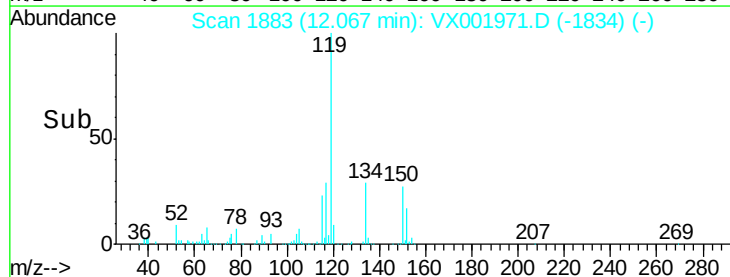
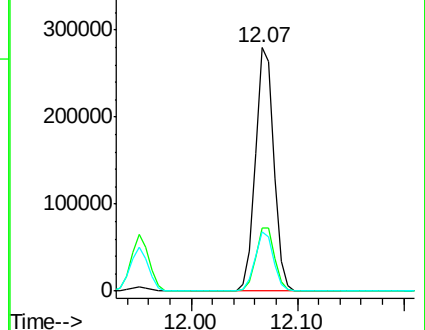
91 24.3 12.2 36.4

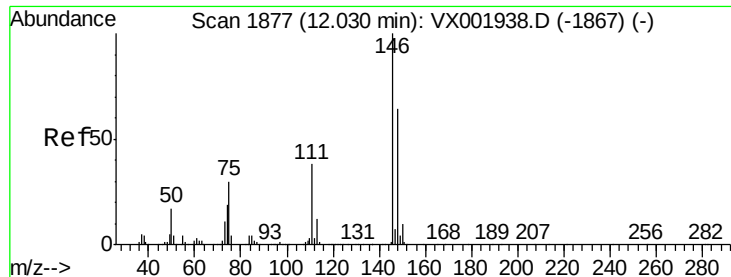


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

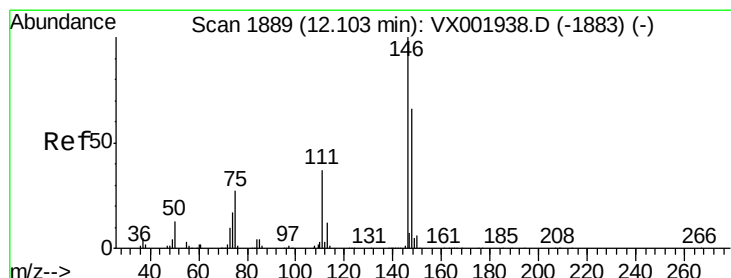
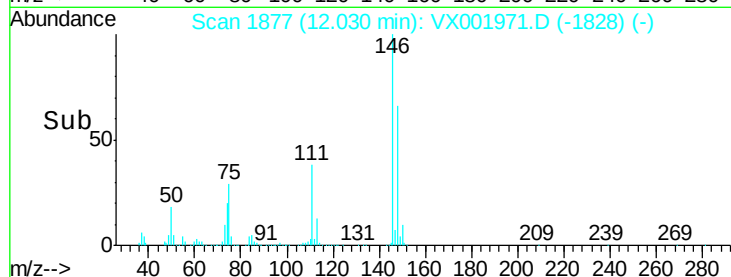
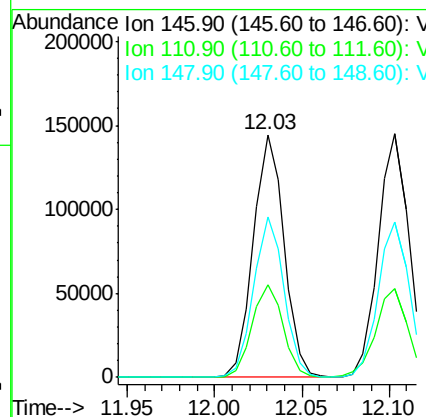
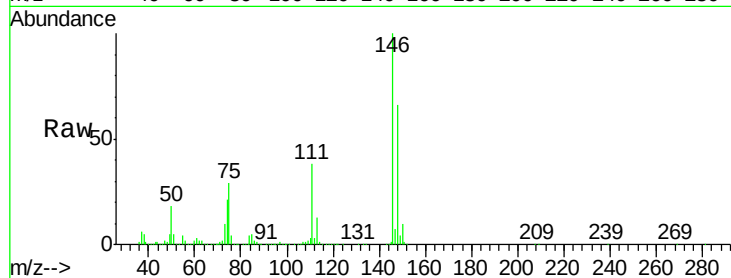




#87
 1,3-Dichlorobenzene
 Concen: 19.29 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

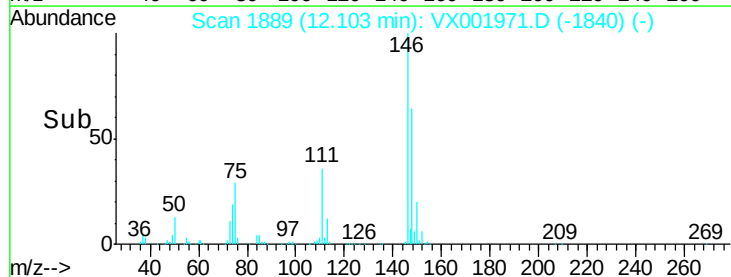
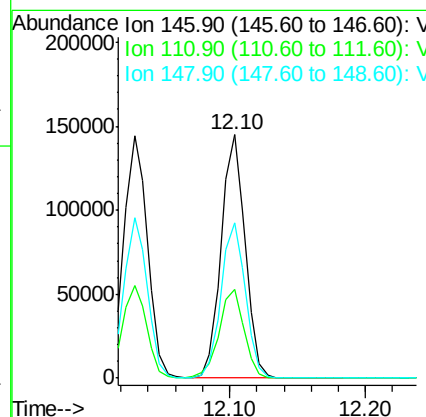
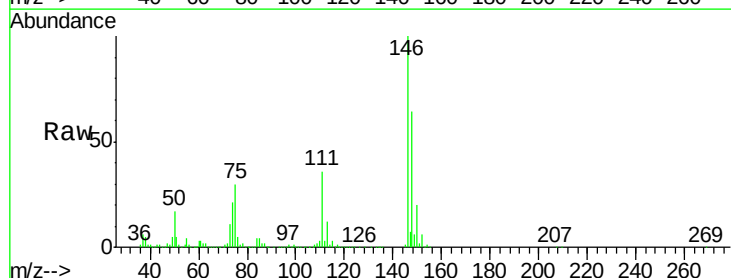
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBS01

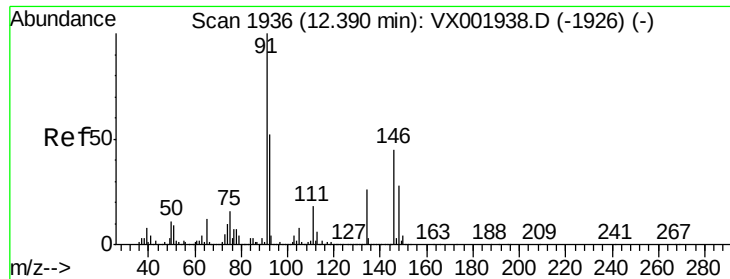
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	65.0	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.30 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.5
148	64.8	32.3	96.8





#89

n-Butylbenzene

Concen: 19.18 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBS01

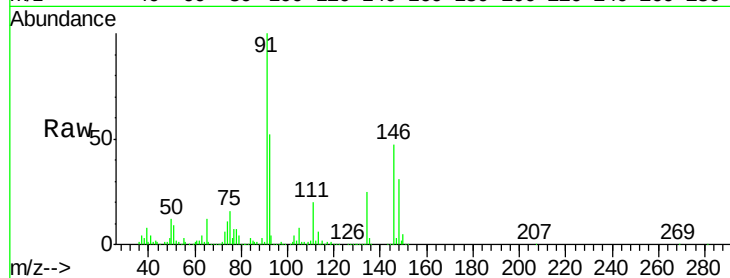
Tgt Ion: 91 Resp: 283806

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.9

134 26.8 13.6 40.7

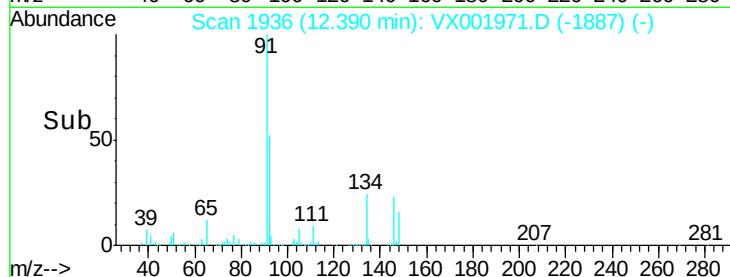


Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1926) (-)

Ion 92.00 (91.70 to 92.70): VX001938.D (-1926) (-)

Ion 134.00 (133.70 to 134.70): VX001938.D (-1926) (-)

Time-->

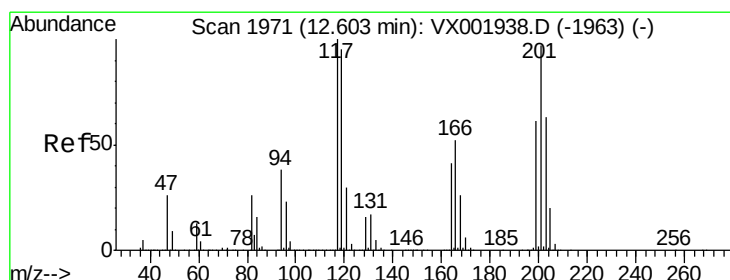


Abundance Ion 91.00 (90.70 to 91.70): VX001971.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX001971.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX001971.D (-1887) (-)

Time-->



#90

Hexachloroethane

Concen: 18.72 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001971.D

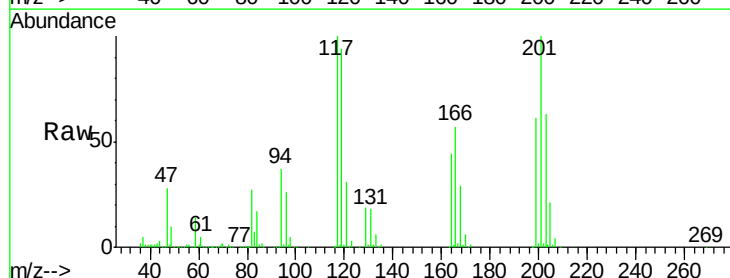
Acq: 25 May 2018 12:37

Tgt Ion: 117 Resp: 64483

Ion Ratio Lower Upper

117 100

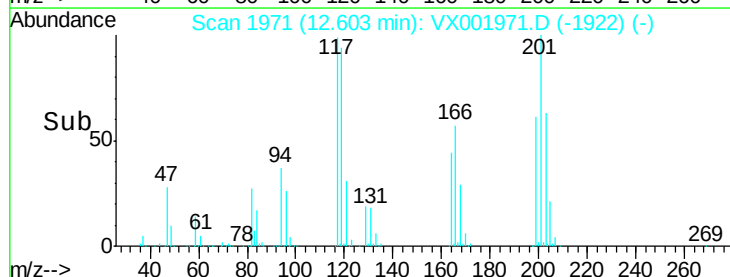
201 95.6 48.0 144.0



Abundance Ion 116.80 (116.50 to 117.50): VX001938.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX001938.D (-1963) (-)

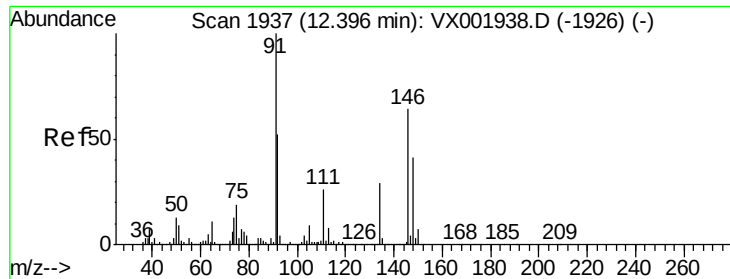
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX001971.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX001971.D (-1922) (-)

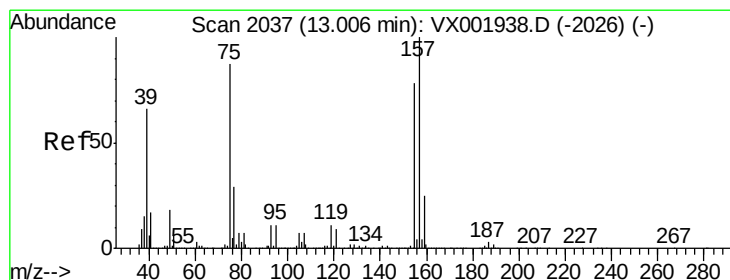
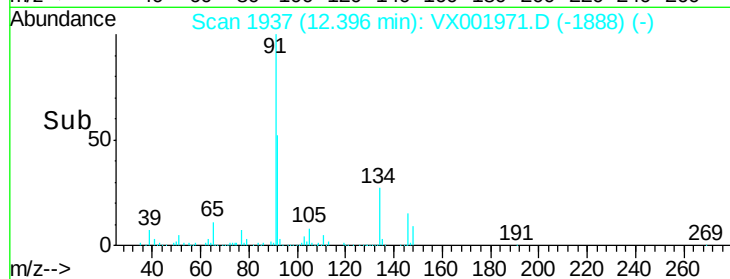
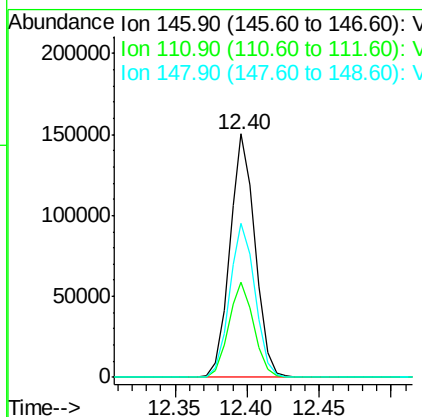
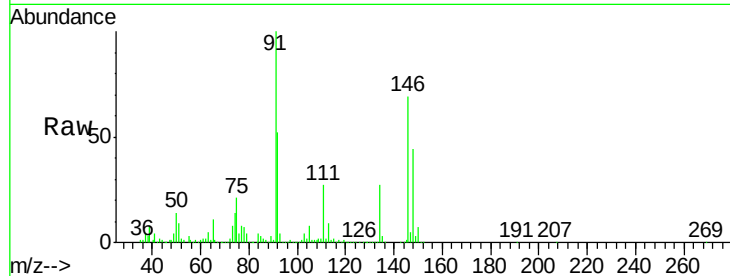
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 19.63 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

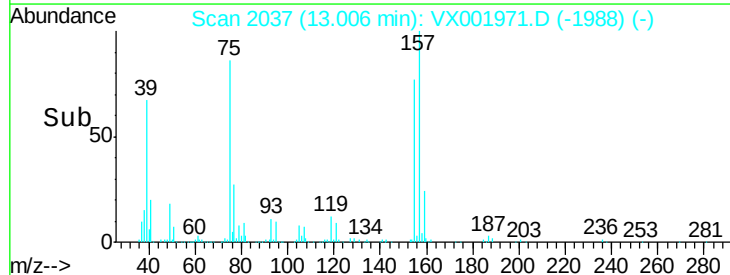
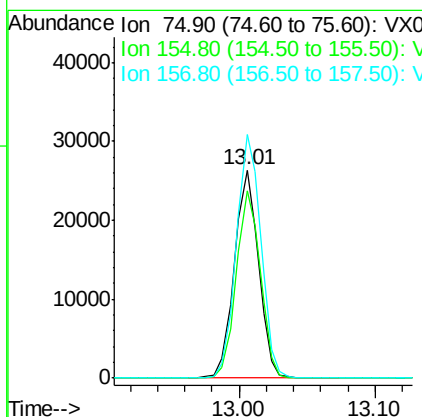
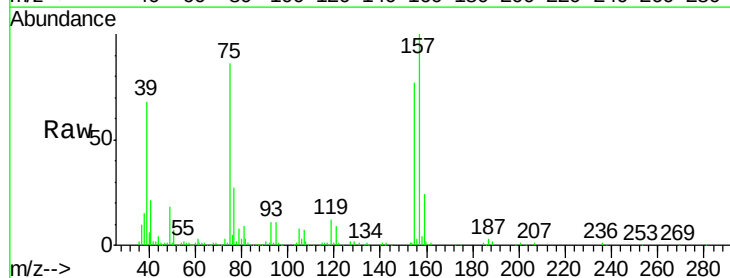
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBS01

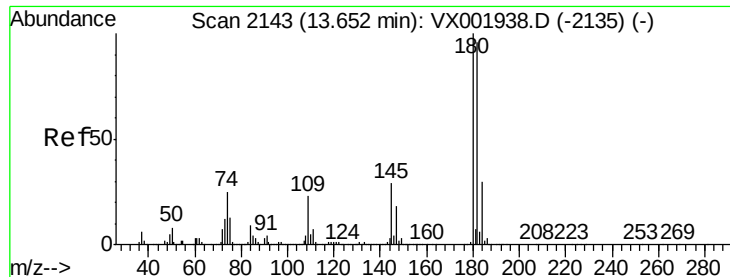
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	64.4	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.95 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	45.1	135.2
157	118.7	58.1	174.2

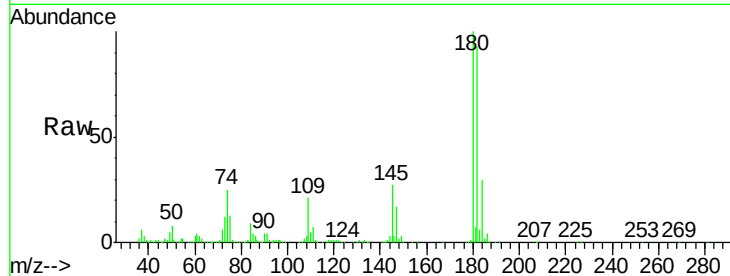




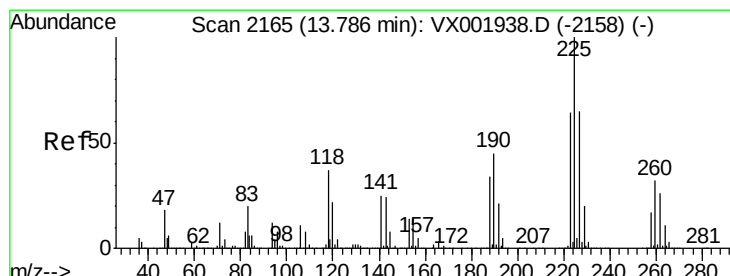
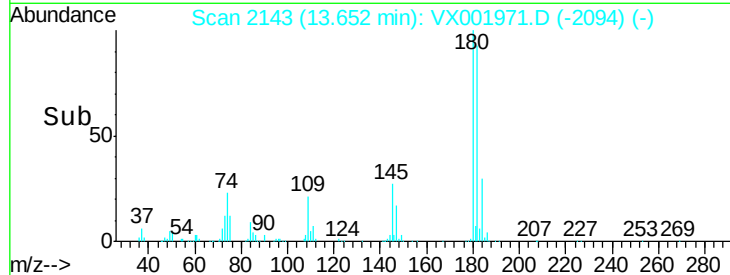
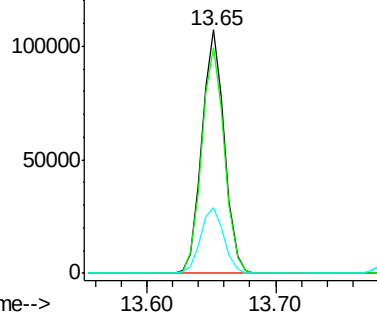
#93
 1,2,4-Trichlorobenzene
 Concen: 19.43 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.7	143.1
145	28.1	14.4	43.0

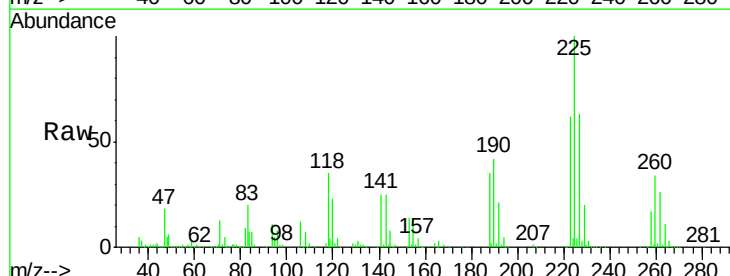


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

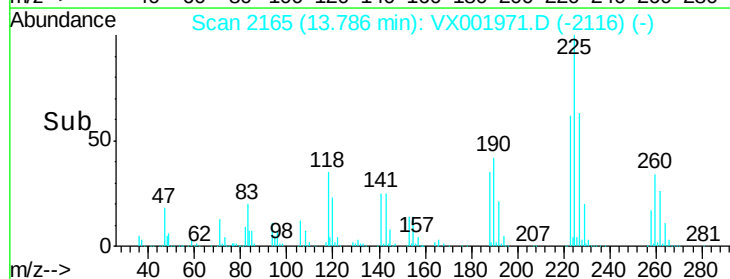
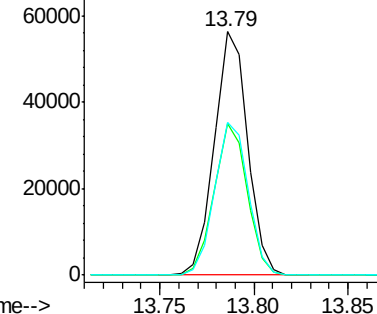


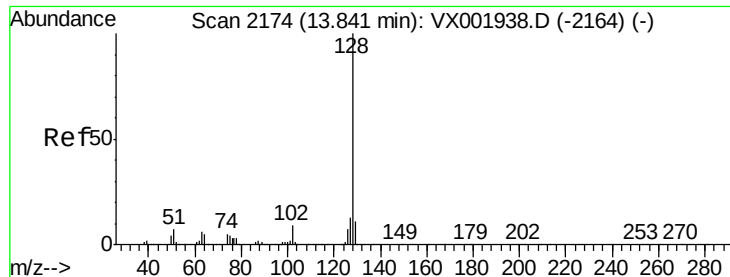
#94
 Hexachlorobutadiene
 Concen: 19.11 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001971.D
 Acq: 25 May 2018 12:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.1	93.5
227	63.3	32.1	96.5



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: 20.03 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBS01

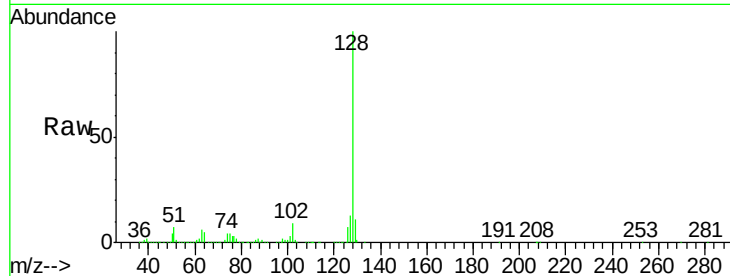
Tgt Ion:128 Resp: 413491

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

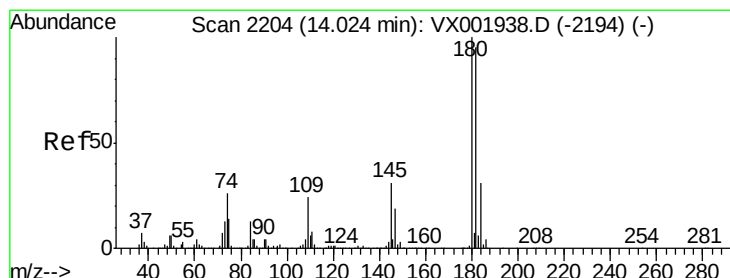
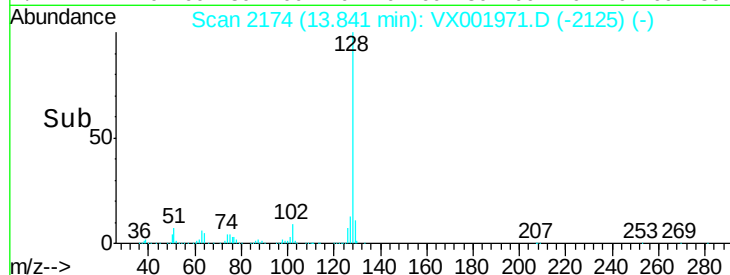
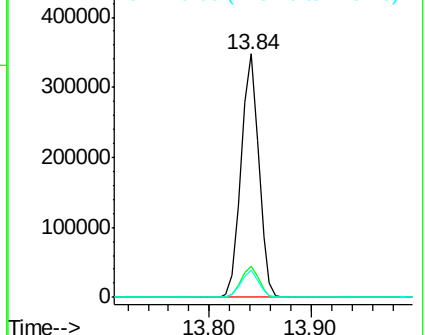
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.69 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001971.D

Acq: 25 May 2018 12:37

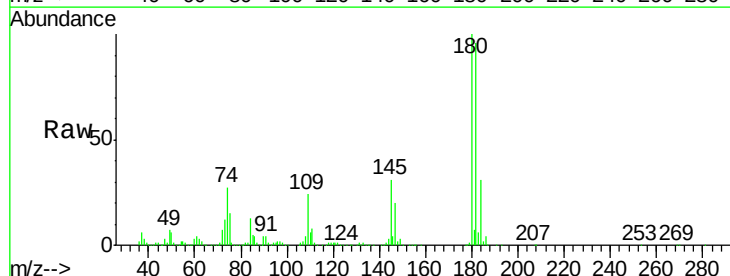
Tgt Ion:180 Resp: 136501

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.6

145 30.2 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

