

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052418\
 Data File : VX001940.D
 Acq On : 24 May 2018 12:39
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Quant Time: May 24 12:57:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 12:37:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	328775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	457658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	437778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	312013	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	815093	140.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	281.14%	
35) Dibromofluoromethane	5.51	113	637001	142.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.62%	
50) Toluene-d8	8.72	98	2379318	144.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.02%	
62) 4-Bromofluorobenzene	11.15	95	988515	153.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	590086	138.03	ug/l	97
3) Chloromethane	1.32	50	678105	139.24	ug/l	100
4) Vinyl Chloride	1.40	62	684993	145.70	ug/l	100
5) Bromomethane	1.64	94	339208	149.76	ug/l	100
6) Chloroethane	1.70	64	297866	107.40	ug/l	100
7) Trichlorofluoromethane	1.92	101	958102	135.04	ug/l	99
8) Diethyl Ether	2.19	74	361962	139.12	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	530158	136.07	ug/l	99
10) Methyl Iodide	2.50	142	841155	140.02	ug/l	100
11) Tert butyl alcohol	3.11	59	864513	756.68	ug/l	98
12) 1,1-Dichloroethene	2.37	96	512866	141.15	ug/l	97
13) Acrolein	2.30	56	387505	855.42	ug/l	98
14) Allyl chloride	2.72	41	1071973	137.06	ug/l	99
15) Acrylonitrile	3.16	53	1685575	719.78	ug/l	100
16) Acetone	2.46	43	1556240	709.67	ug/l	98
17) Carbon Disulfide	2.56	76	1513705	142.48	ug/l	99
18) Methyl Acetate	2.79	43	810588	143.07	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1948704	139.13	ug/l	100
20) Methylene Chloride	2.85	84	572829	140.77	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	543459	139.07	ug/l	99
22) Diisopropyl ether	3.89	45	1974309	120.31	ug/l	96
23) Vinyl Acetate	3.84	43	8770736	657.29	ug/l	99
24) 1,1-Dichloroethane	3.70	63	1055181	139.56	ug/l	99
25) 2-Butanone	4.73	43	2922550	706.51	ug/l	98
26) 2,2-Dichloropropane	4.59	77	1008870	134.57	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	686512	141.39	ug/l	90
28) Bromochloromethane	5.03	49	466892	135.56	ug/l	98
29) Tetrahydrofuran	5.18	42	1874450	701.14	ug/l	99
30) Chloroform	5.23	83	1178764	140.92	ug/l	98
31) Cyclohexane	5.57	56	1039802	134.44	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	1106099	139.65	ug/l	99
36) 1,1-Dichloropropene	5.80	75	869459	142.43	ug/l	98
37) Ethyl Acetate	4.89	43	1140799	141.23	ug/l	100
38) Carbon Tetrachloride	5.79	117	1013692	142.36	ug/l	99

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 ClientSampleId :
 VSTDICC150

Quant Time: May 24 12:57:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 12:37:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1038350	139.52	ug/l	98
40) Benzene	6.15	78	2553185	140.69	ug/l	99
41) Methacrylonitrile	5.08	41	642739	143.13	ug/l	99
42) 1,2-Dichloroethane	6.21	62	1002160	141.46	ug/l	99
43) Isopropyl Acetate	6.48	43	1947547	143.95	ug/l	100
44) Trichloroethene	7.22	130	741476	141.50	ug/l	99
45) 1,2-Dichloropropane	7.52	63	685578	141.73	ug/l	99
46) Dibromomethane	7.67	93	465842	142.70	ug/l	99
47) Bromodichloromethane	7.91	83	977708	142.49	ug/l	100
48) Methyl methacrylate	7.79	41	993960	145.39	ug/l	99
49) 1,4-Dioxane	7.77	88	357086	2897.58	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	5768707	705.03	ug/l	97
52) Toluene	8.79	92	1656166	144.43	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	1159297	143.03	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	1152058	146.99	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	683469	145.53	ug/l	99
56) Ethyl methacrylate	9.19	69	1193398	147.55	ug/l	99
57) 1,3-Dichloropropane	9.38	76	1139361	144.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	2666533	731.09	ug/l	98
59) 2-Hexanone	9.51	43	4543685	717.52	ug/l	98
60) Dibromochloromethane	9.59	129	858467	149.84	ug/l	99
61) 1,2-Dibromoethane	9.68	107	748337	148.50	ug/l	100
64) Tetrachloroethene	9.34	164	830910	137.90	ug/l	99
65) Chlorobenzene	10.15	112	1921865	144.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	768976	143.96	ug/l	100
67) Ethyl Benzene	10.26	91	3276901	140.03	ug/l	99
68) m/p-Xylenes	10.37	106	2528470	283.96	ug/l	97
69) o-Xylene	10.71	106	1260455	142.87	ug/l	99
70) Styrene	10.72	104	2156451	145.56	ug/l	100
71) Bromoform	10.87	173	808382	155.50	ug/l #	99
73) Isopropylbenzene	11.02	105	3360596	133.49	ug/l	99
74) N-amyl acetate	6.48	43	1947547	131.44	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	1070535	145.51	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	1426645	207.02	ug/l	80
77) Bromobenzene	11.26	156	952176	142.24	ug/l	97
78) n-propylbenzene	11.37	91	3804554	133.15	ug/l	98
79) 2-Chlorotoluene	11.43	91	2334493	136.38	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2915706	135.84	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	411330	141.96	ug/l	98
82) 4-Chlorotoluene	11.52	91	2749621	137.71	ug/l	99
83) tert-Butylbenzene	11.77	119	2910492	139.74	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	3017530	136.98	ug/l	99
85) sec-Butylbenzene	11.95	105	3474590	136.18	ug/l	99
86) p-Isopropyltoluene	12.07	119	3183528	138.99	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1735598	145.28	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1744353	145.11	ug/l	99
89) n-Butylbenzene	12.40	91	2804548	140.95	ug/l	99
90) Hexachloroethane	12.60	117	628801	140.10	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	1740358	141.95	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	315720	140.77	ug/l	98

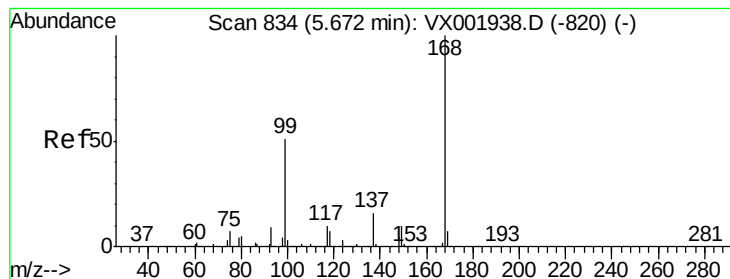
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052418\
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VSTDICC150

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Quant Title : SW846 8260
QLast Update : Thu May 24 12:37:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1326933	148.00	ug/l	100
94) Hexachlorobutadiene	13.79	225	694556	145.01	ug/l	99
95) Naphthalene	13.84	128	3846059	139.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1332296	144.68	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

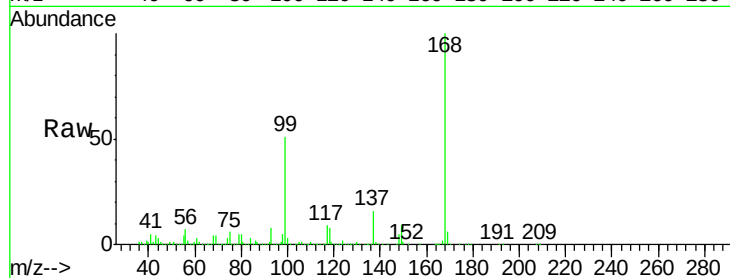
VSTDIC150

Tgt Ion:168 Resp: 328775

Ion Ratio Lower Upper

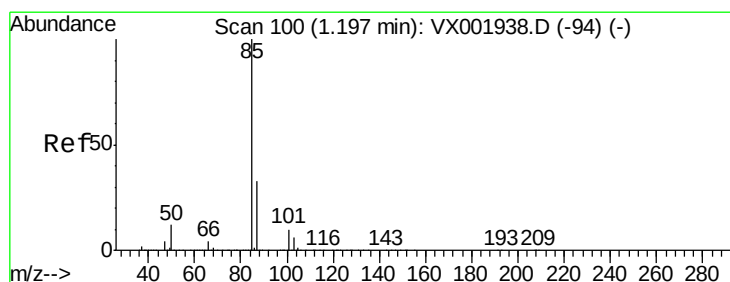
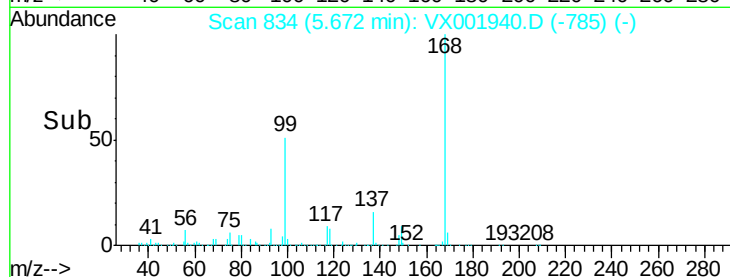
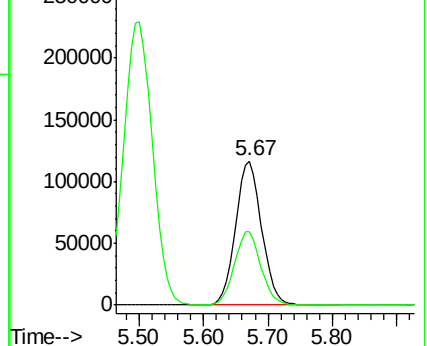
168 100

99 50.3 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: 138.03 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX001940.D

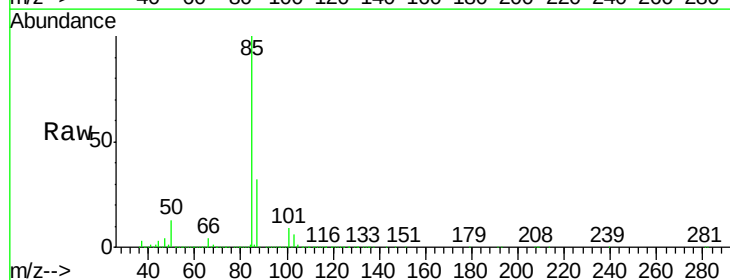
Acq: 24 May 2018 12:39

Tgt Ion: 85 Resp: 590086

Ion Ratio Lower Upper

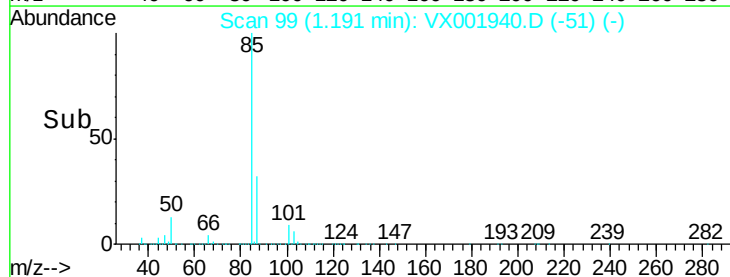
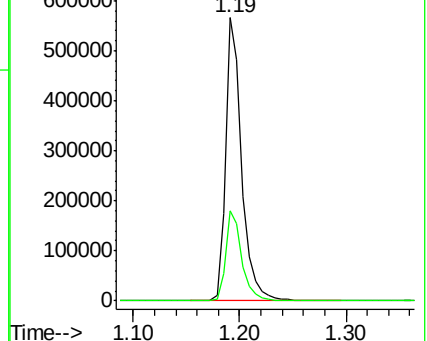
85 100

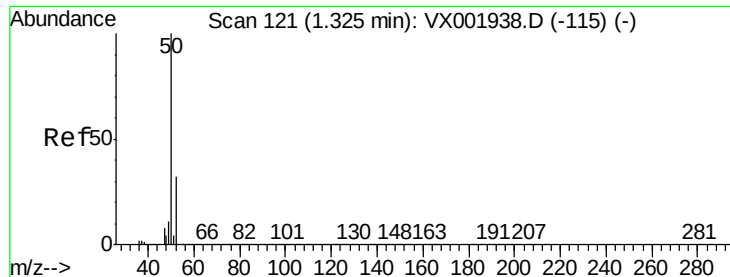
87 31.8 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 139.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

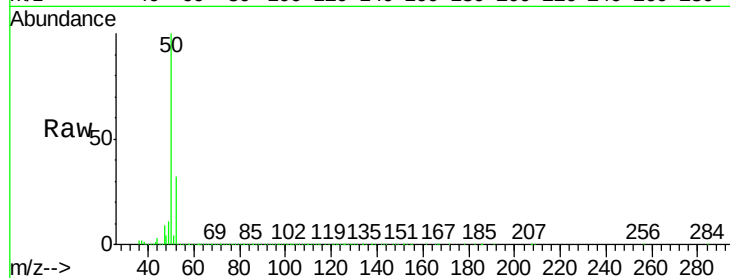
VSTDIC150

Tgt Ion: 50 Resp: 678105

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600000

500000

400000

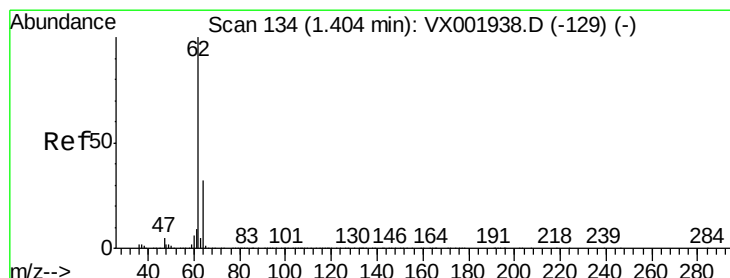
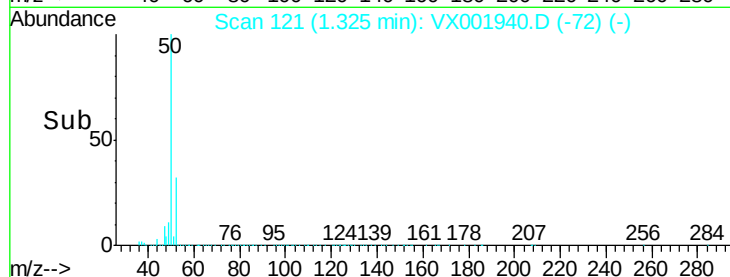
300000

200000

100000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 145.70 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001940.D

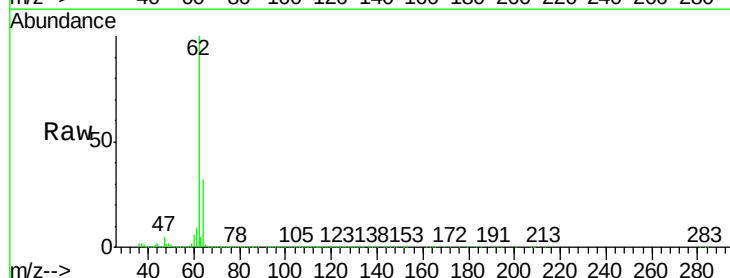
Acq: 24 May 2018 12:39

Tgt Ion: 62 Resp: 684993

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

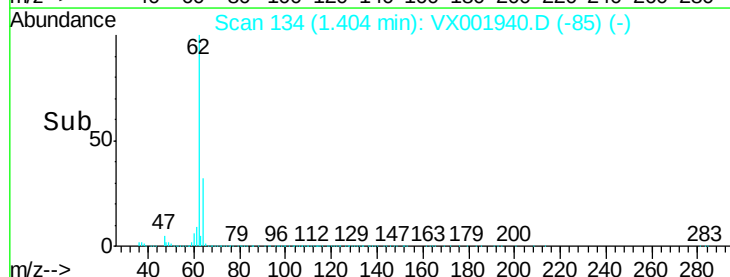
600000

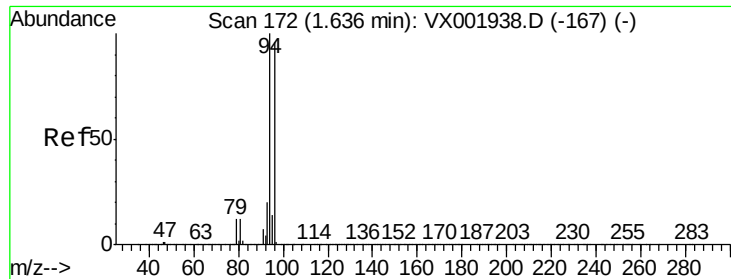
400000

200000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 149.76 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

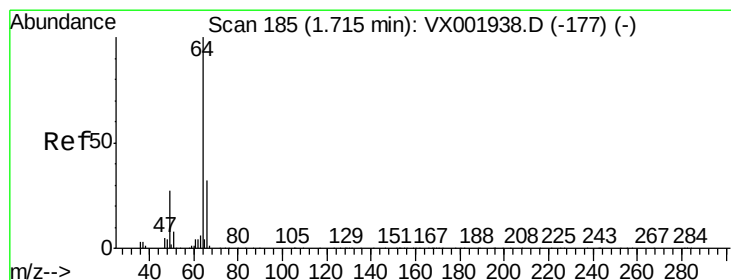
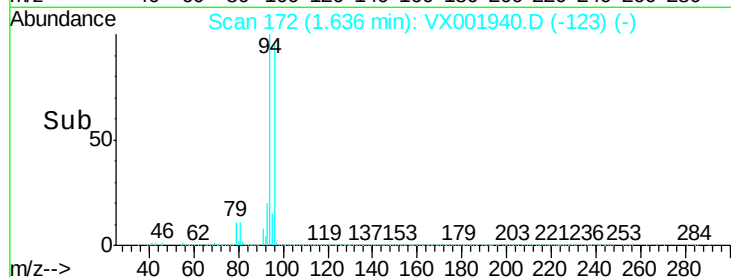
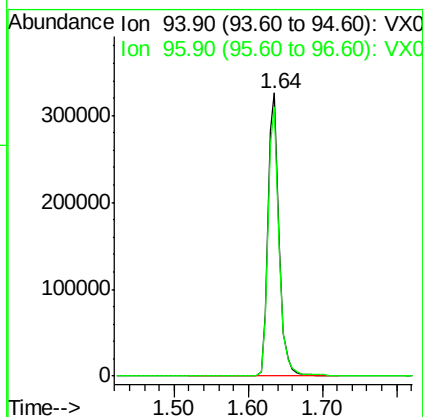
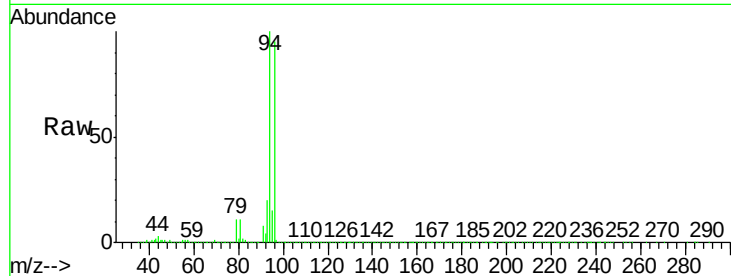
VSTDIC150

Tgt Ion: 94 Resp: 339208

Ion Ratio Lower Upper

94 100

96 94.8 75.9 113.9



#6

Chloroethane

Concen: 107.40 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX001940.D

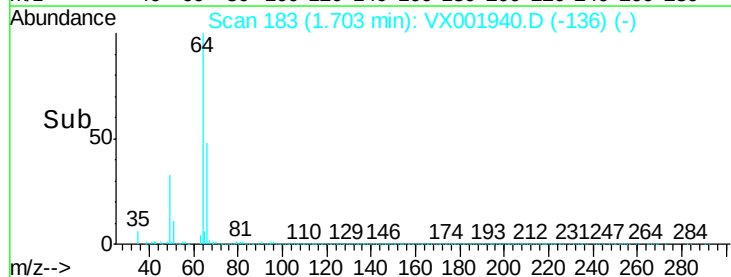
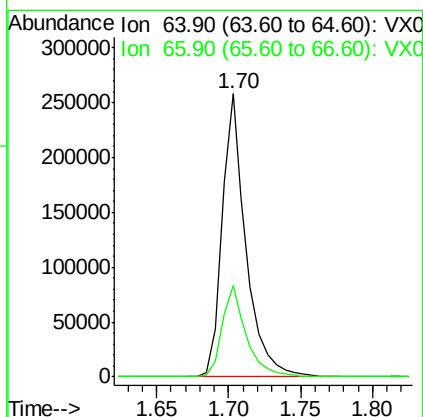
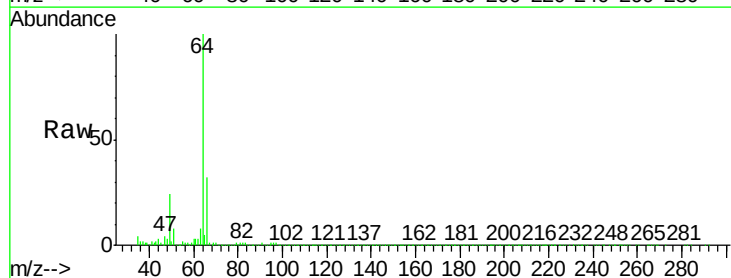
Acq: 24 May 2018 12:39

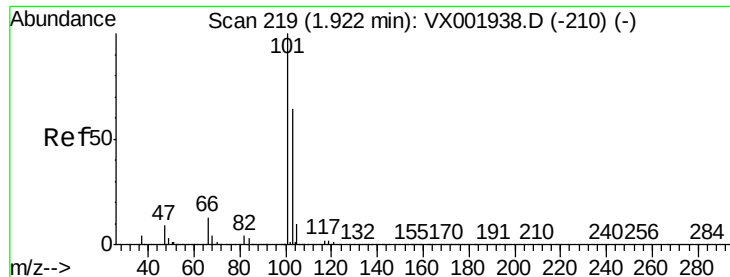
Tgt Ion: 64 Resp: 297866

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



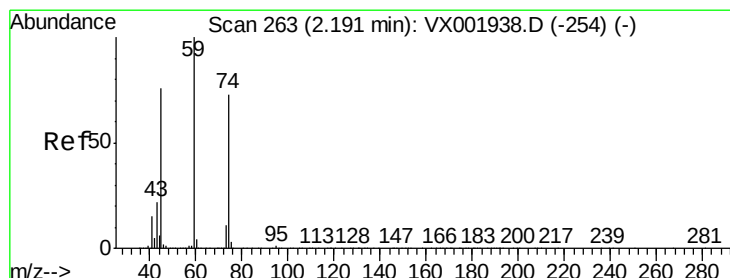
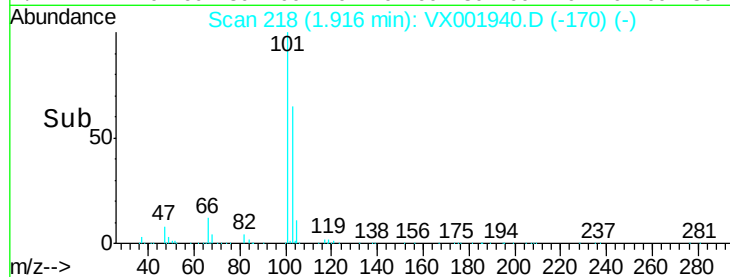
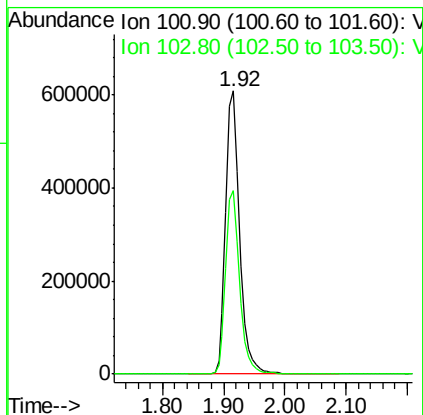
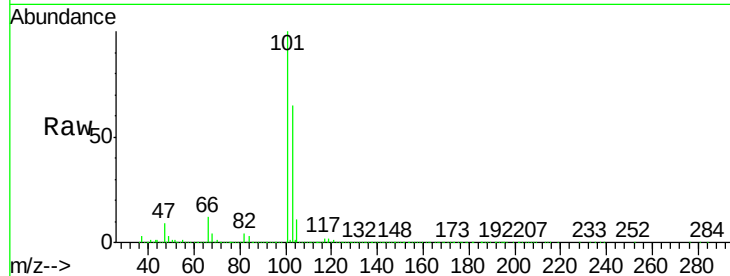


#7

Trichlorofluoromethane
 Concen: 135.04 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

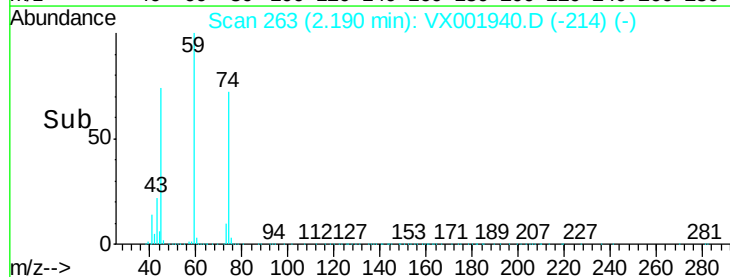
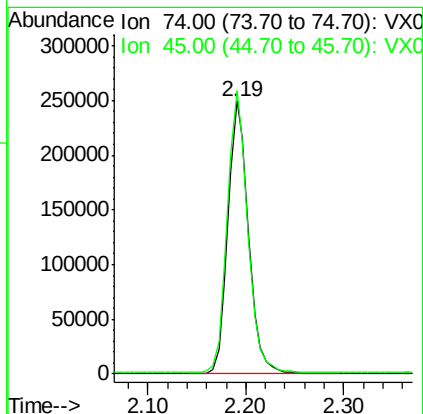
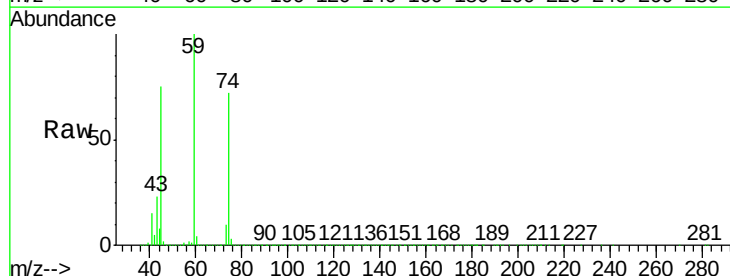
Tgt Ion:101 Resp: 958102
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.0

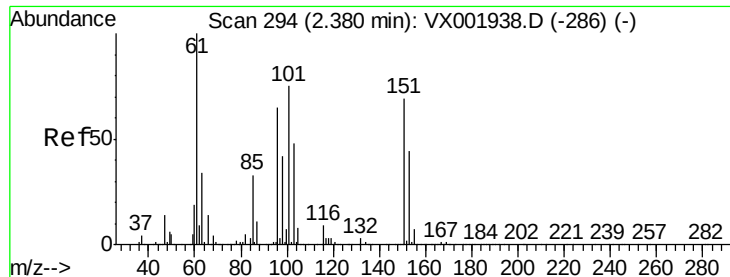


#8

Diethyl Ether
 Concen: 139.12 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

Tgt Ion: 74 Resp: 361962
 Ion Ratio Lower Upper
 74 100
 45 103.1 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 136.07 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

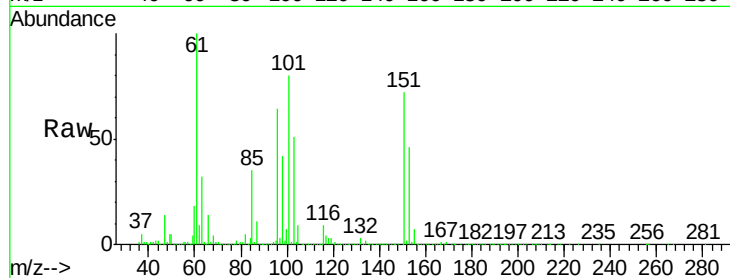
Tgt Ion:101 Resp: 530158

Ion Ratio Lower Upper

101 100

85 43.6 35.6 53.4

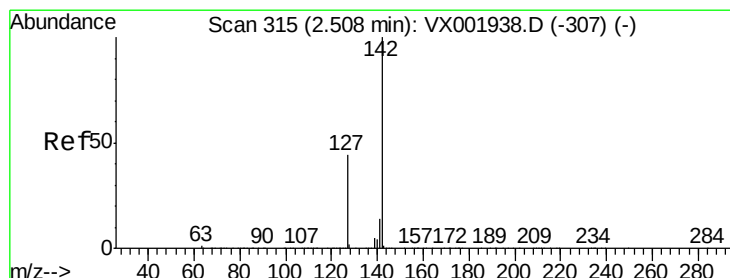
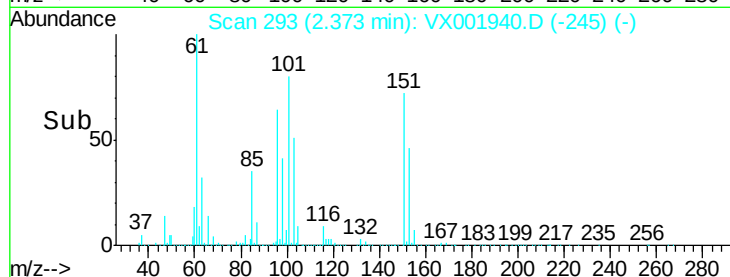
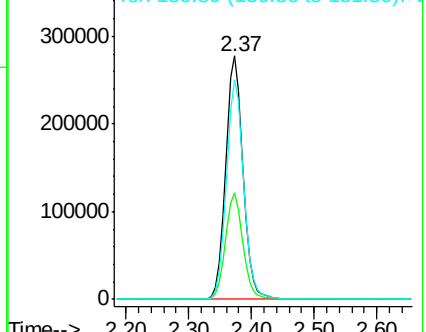
151 90.3 73.2 109.8



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: 140.02 ug/l

RT: 2.50 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

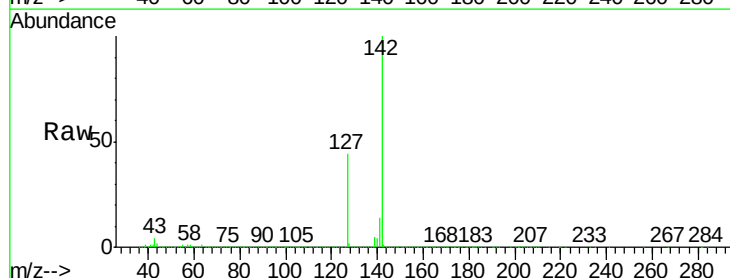
Tgt Ion:142 Resp: 841155

Ion Ratio Lower Upper

142 100

127 44.4 35.5 53.3

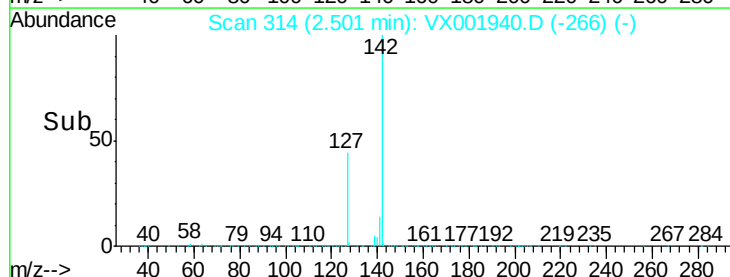
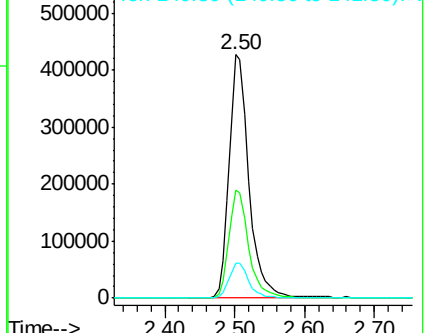
141 14.3 11.3 16.9

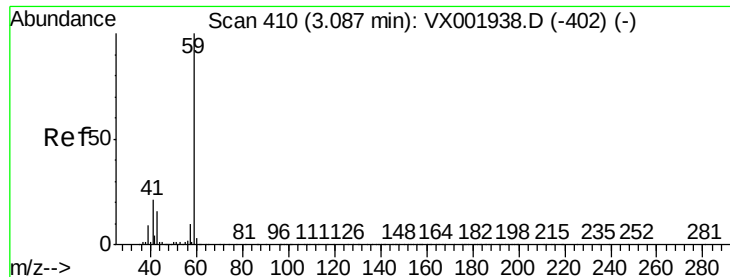


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



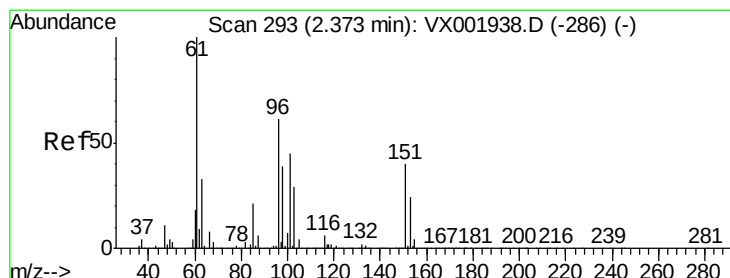
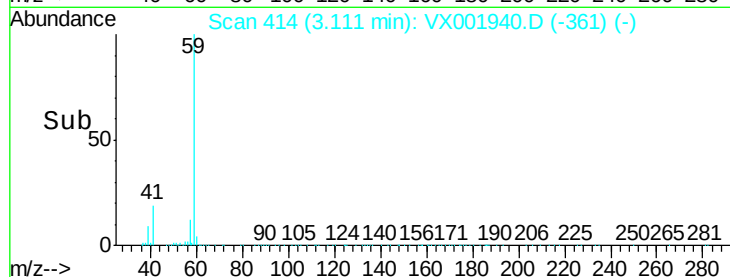
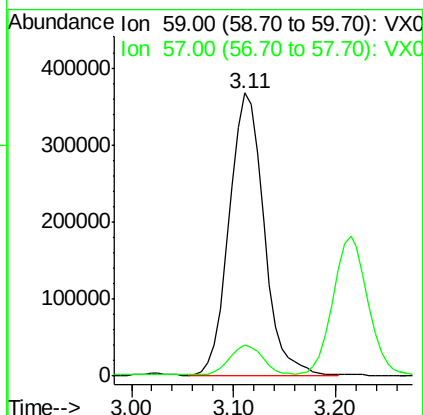
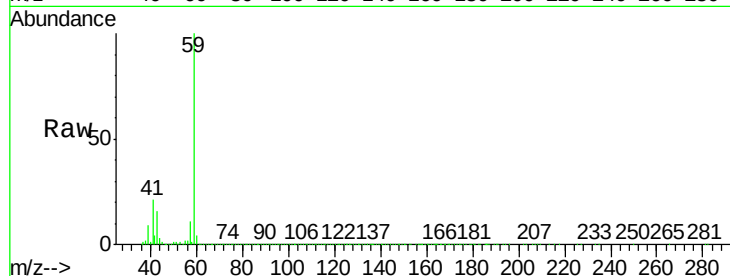


#11

Tert butyl alcohol
Concen: 756.68 ug/l
RT: 3.11 min Scan# 414
Delta R.T. 0.02 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

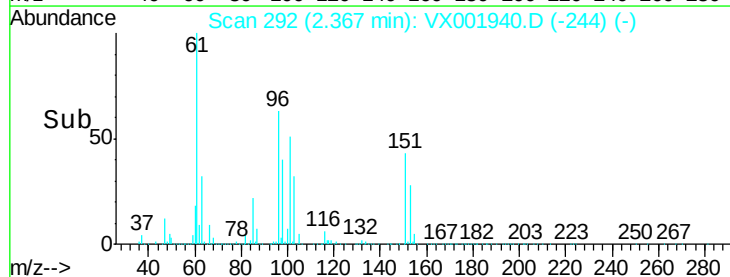
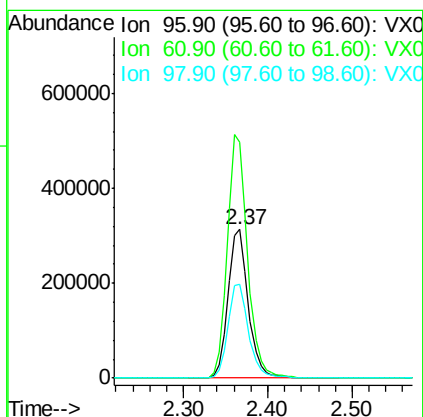
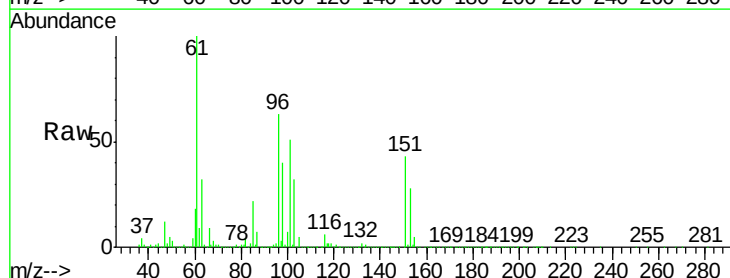
Tgt Ion: 59 Resp: 864513
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3

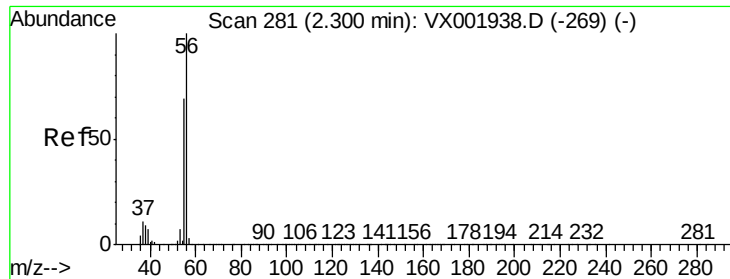


#12

1,1-Dichloroethene
Concen: 141.15 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

Tgt Ion: 96 Resp: 512866
Ion Ratio Lower Upper
96 100
61 159.6 131.7 197.5
98 63.3 51.6 77.4





#13

Acrolein

Concen: 855.42 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampled :

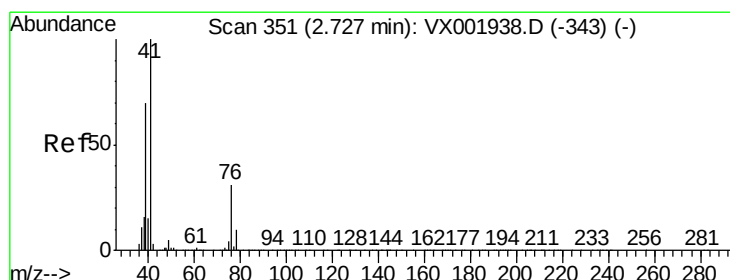
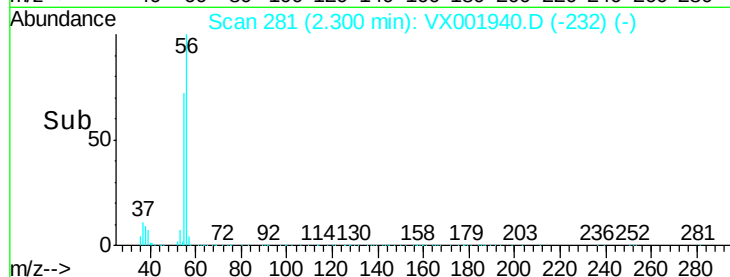
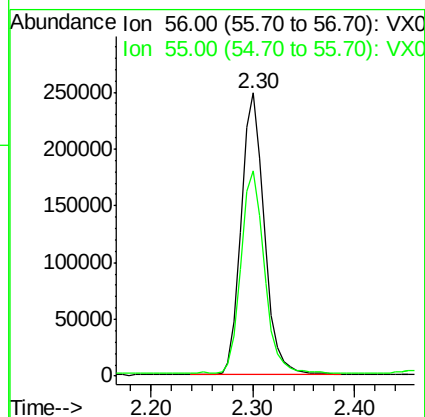
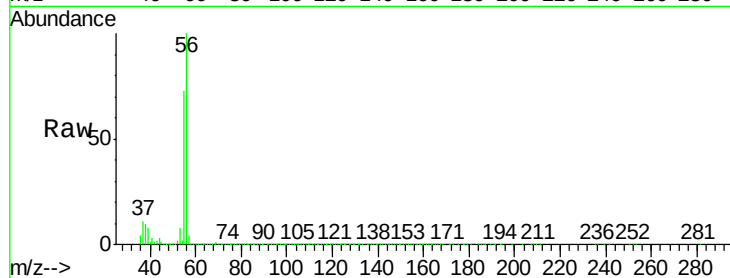
VSTDIC150

Tgt Ion: 56 Resp: 387505

Ion Ratio Lower Upper

56 100

55 72.7 56.8 85.2



#14

Allyl chloride

Concen: 137.06 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

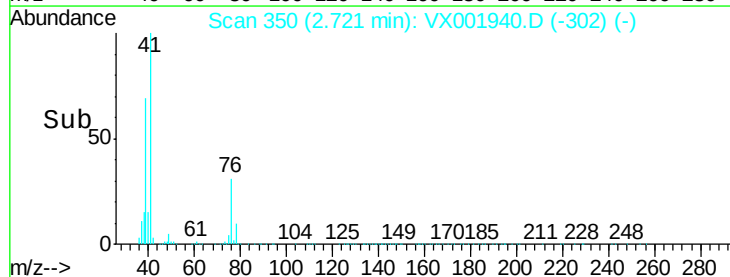
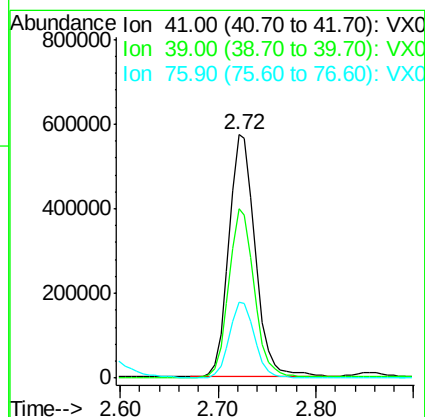
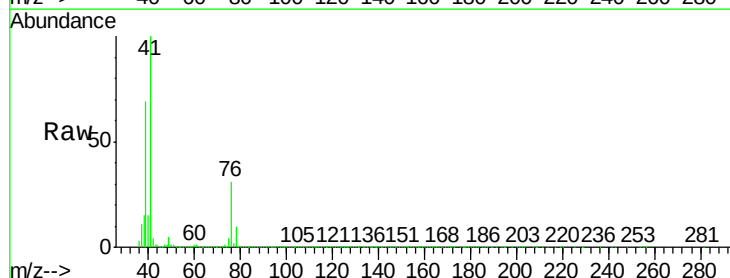
Tgt Ion: 41 Resp: 1071973

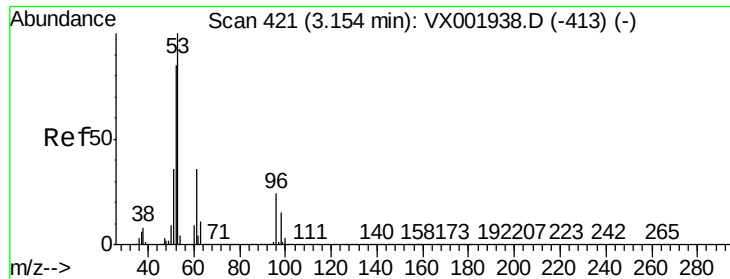
Ion Ratio Lower Upper

41 100

39 66.7 54.3 81.5

76 30.2 24.2 36.4





#15

Acrylonitrile

Concen: 719.78 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

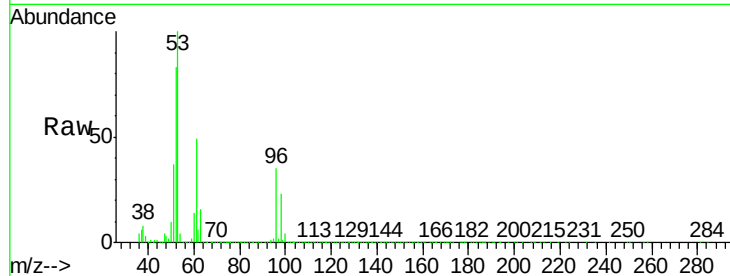
Tgt Ion: 53 Resp: 1685575

Ion Ratio Lower Upper

53 100

52 83.1 66.4 99.6

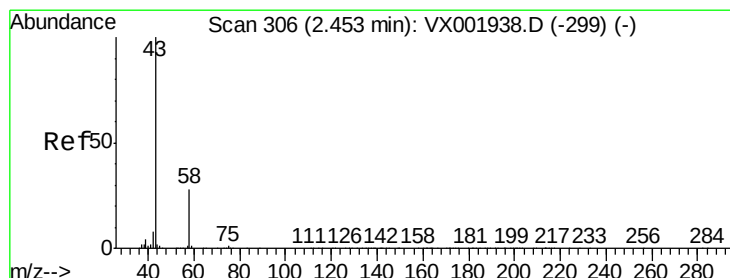
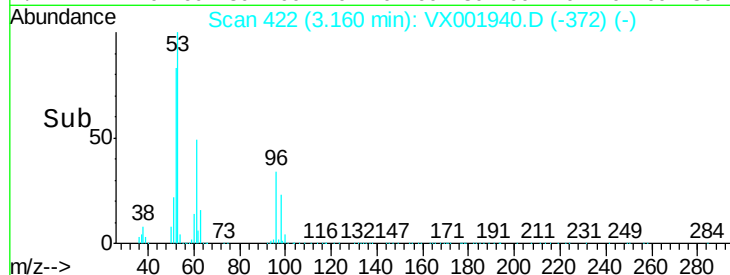
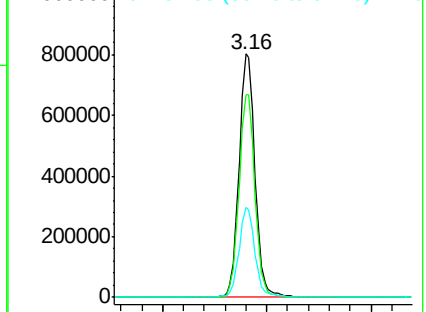
51 37.0 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 709.67 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001940.D

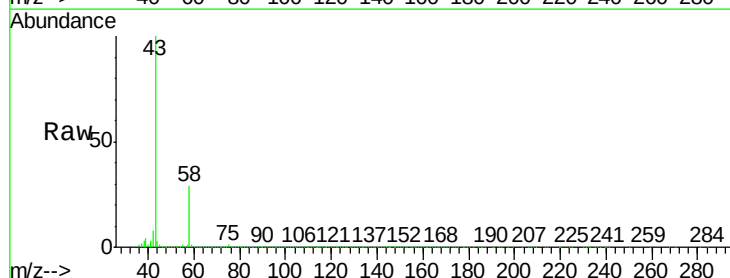
Acq: 24 May 2018 12:39

Tgt Ion: 43 Resp: 1556240

Ion Ratio Lower Upper

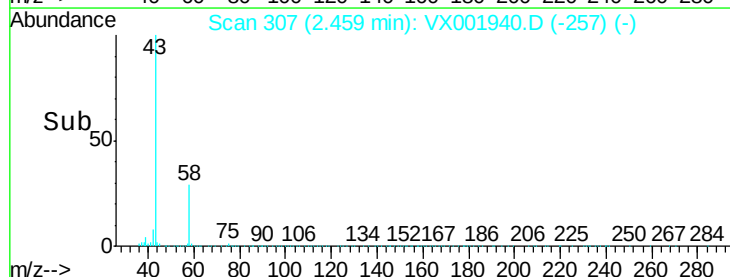
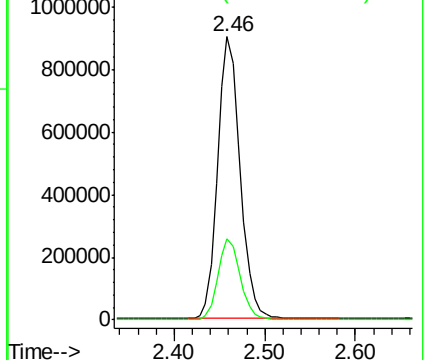
43 100

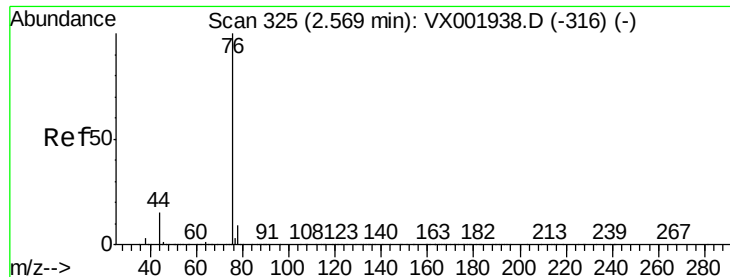
58 28.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 142.48 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

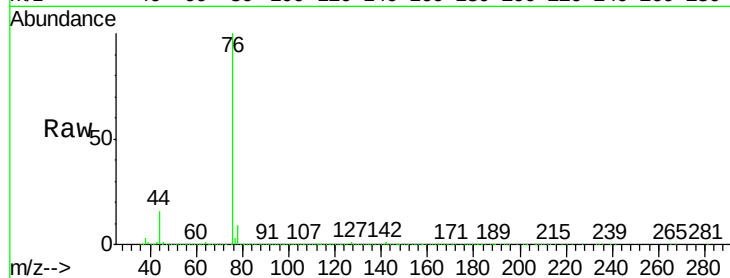
VSTDIC150

Tgt Ion: 76 Resp: 1513705

Ion Ratio Lower Upper

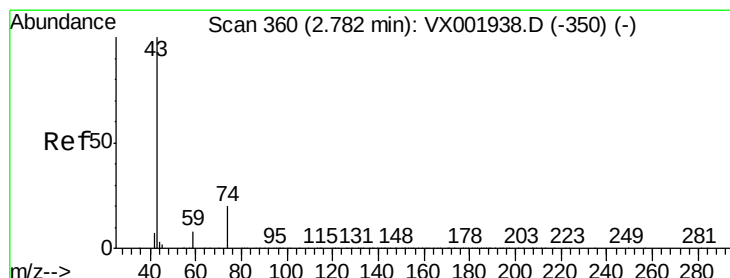
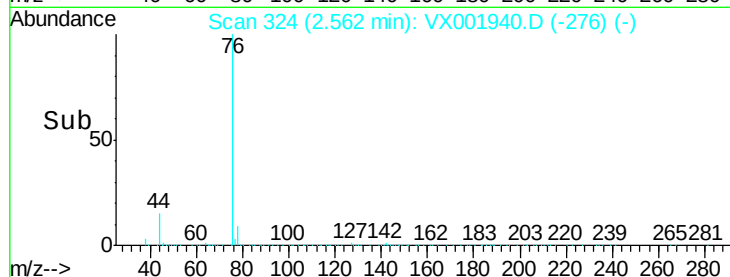
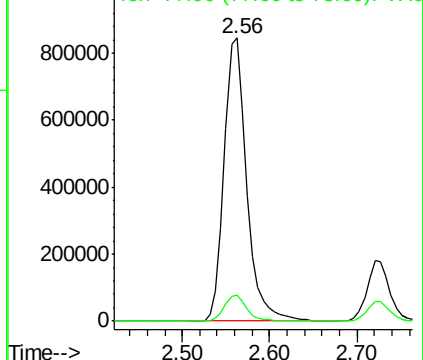
76 100

78 9.1 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: 143.07 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX001940.D

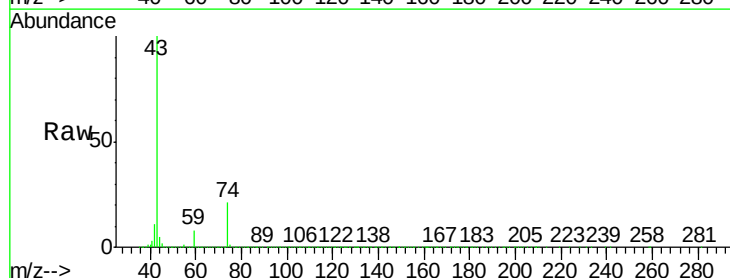
Acq: 24 May 2018 12:39

Tgt Ion: 43 Resp: 810588

Ion Ratio Lower Upper

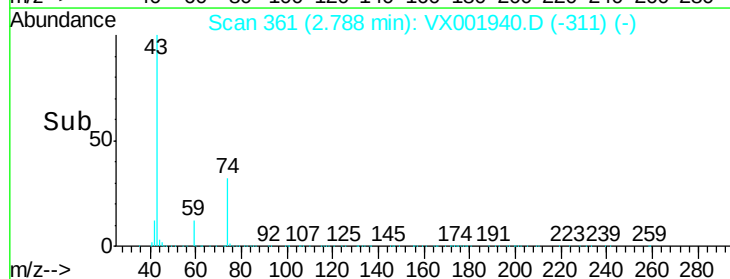
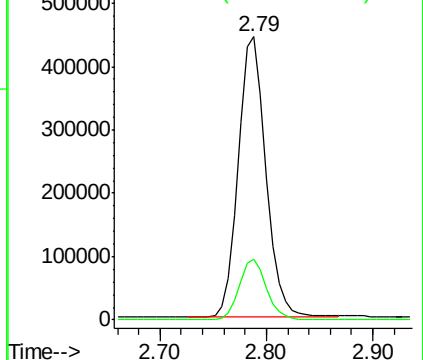
43 100

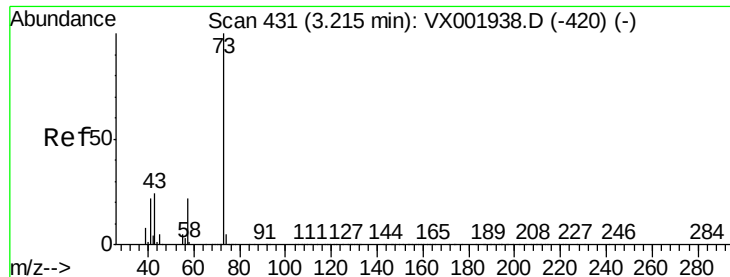
74 21.4 16.8 25.2



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: 139.13 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

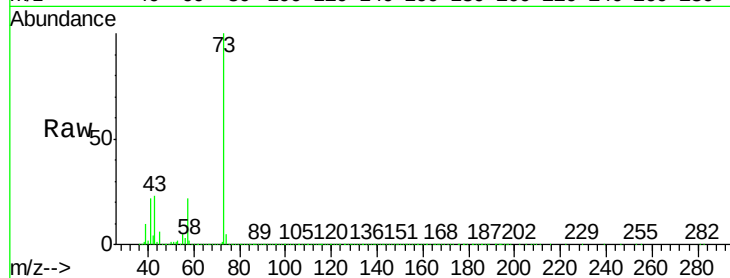
VSTDIC150

Tgt Ion: 73 Resp: 1948704

Ion Ratio Lower Upper

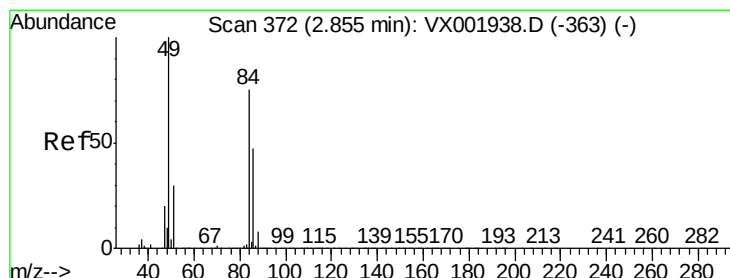
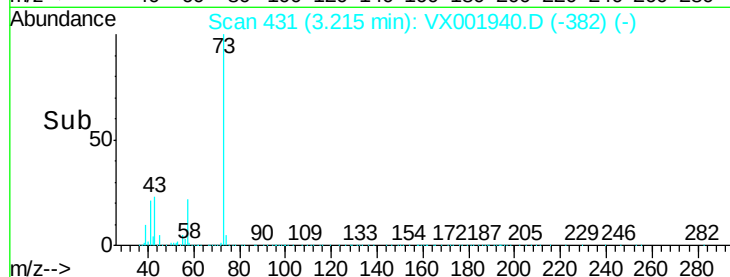
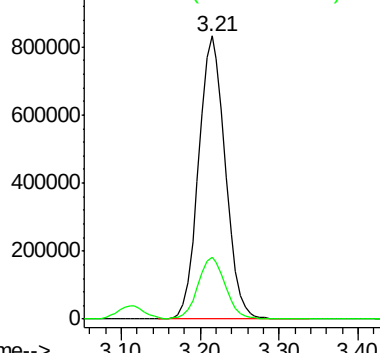
73 100

57 21.6 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 140.77 ug/l

RT: 2.85 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Tgt Ion: 84 Resp: 572829

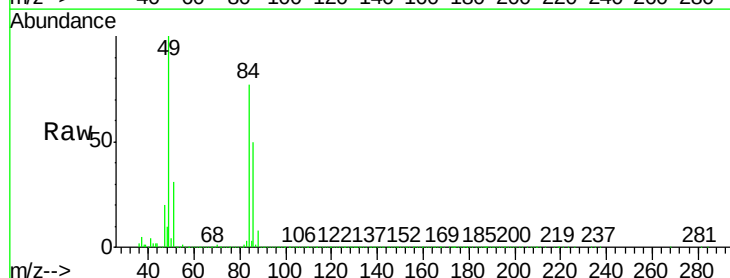
Ion Ratio Lower Upper

84 100

49 129.3 107.2 160.8

51 39.5 32.4 48.6

86 64.6 50.4 75.6

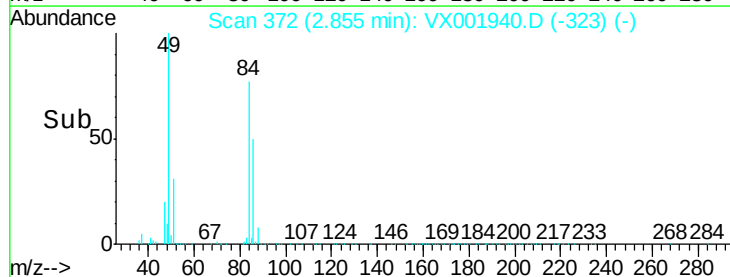
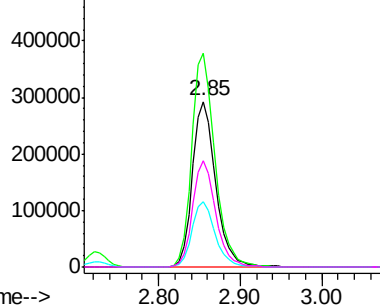


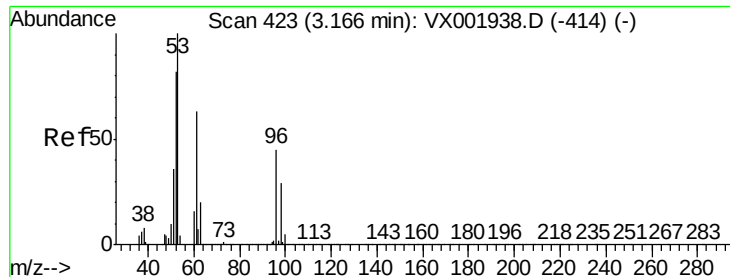
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#21

trans-1,2-Dichloroethene

Concen: 139.07 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

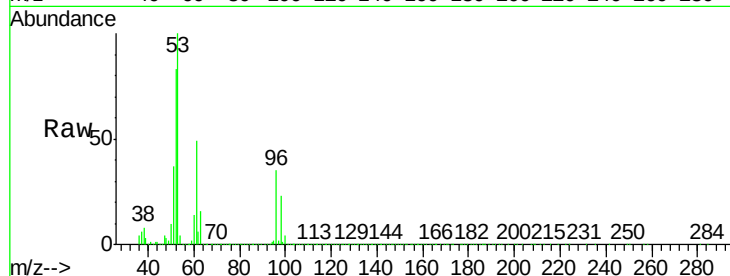
Tgt Ion: 96 Resp: 543459

Ion Ratio Lower Upper

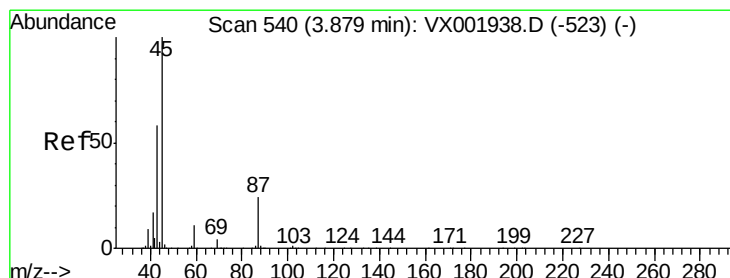
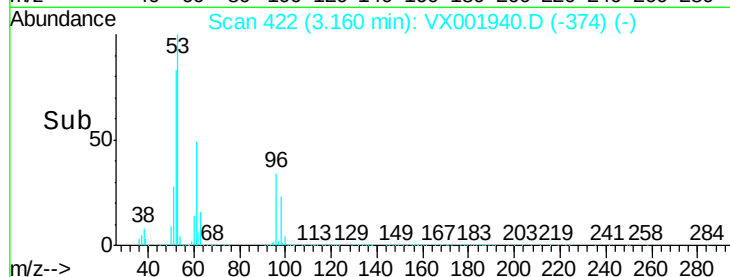
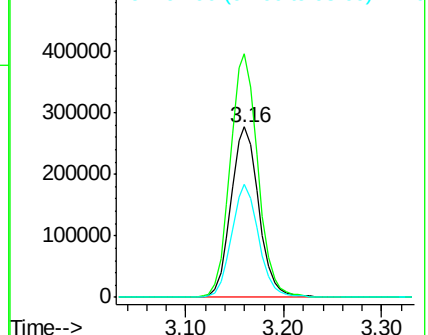
96 100

61 143.0 113.3 169.9

98 66.1 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: 120.31 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Tgt Ion: 45 Resp: 1974309

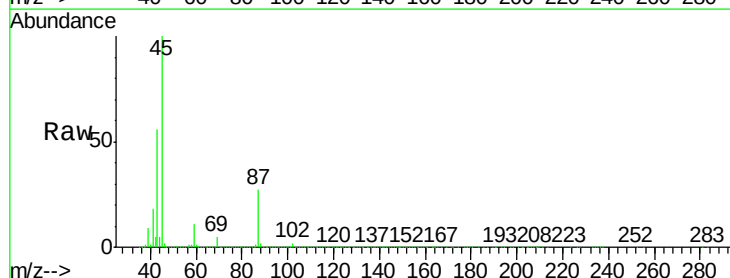
Ion Ratio Lower Upper

45 100

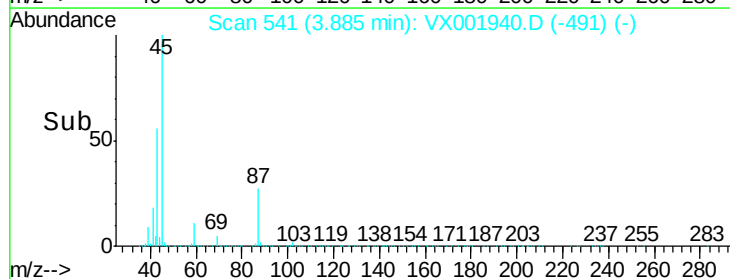
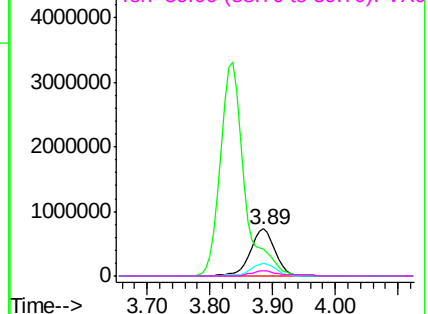
43 55.8 47.0 70.6

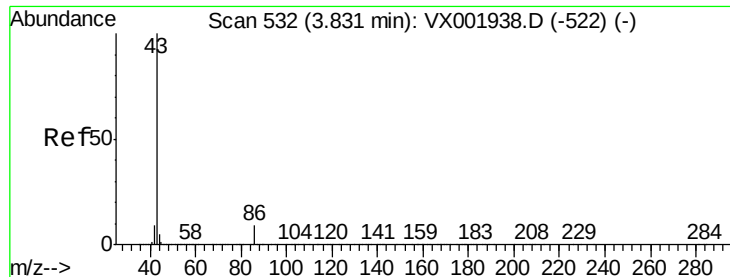
87 27.3 19.4 29.0

59 11.2 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: 657.29 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

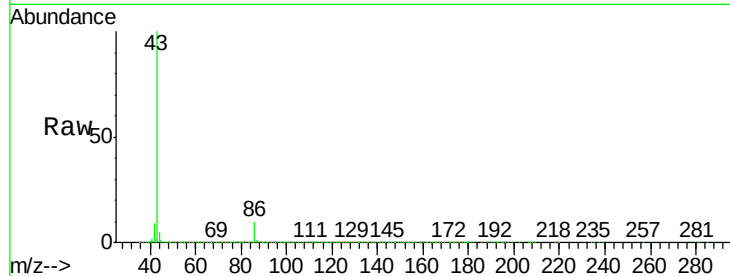
VSTDIC150

Tgt Ion: 43 Resp: 8770736

Ion Ratio Lower Upper

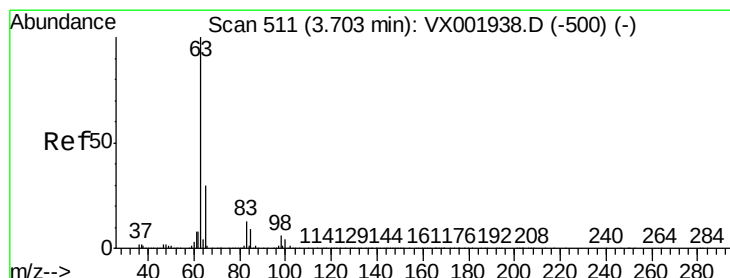
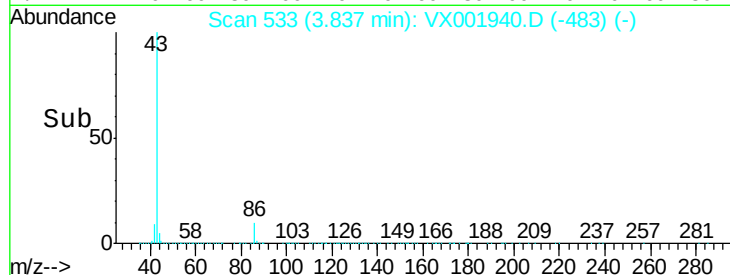
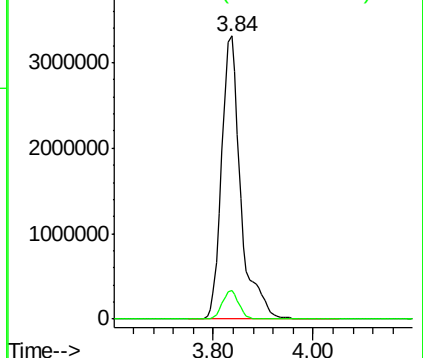
43 100

86 10.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 139.56 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

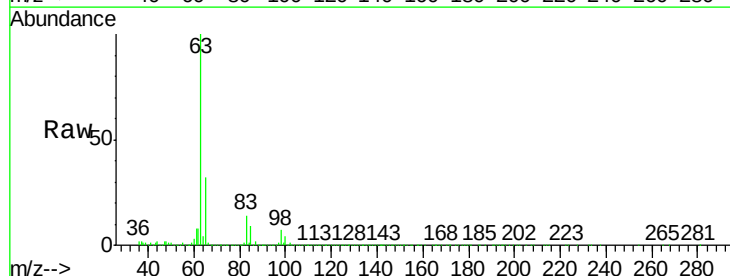
Tgt Ion: 63 Resp: 1055181

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

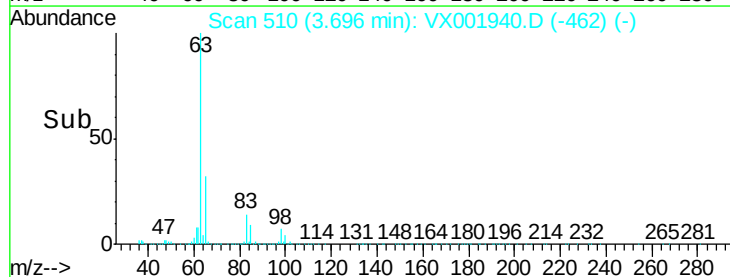
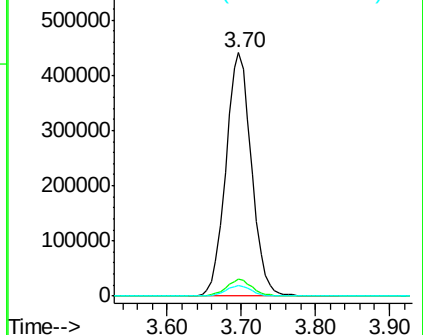
100 4.2 2.1 6.5

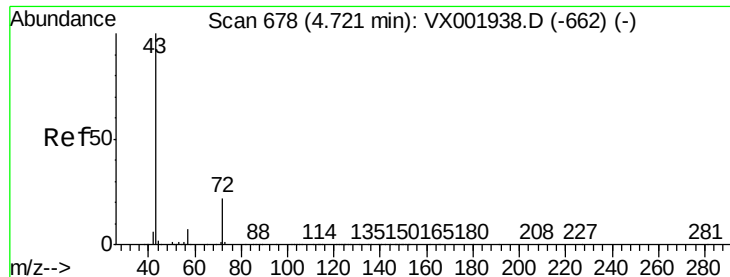


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 706.51 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampled :

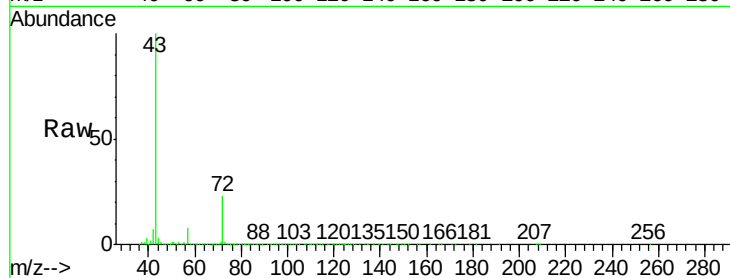
VSTDIC150

Tgt Ion: 43 Resp: 2922550

Ion Ratio Lower Upper

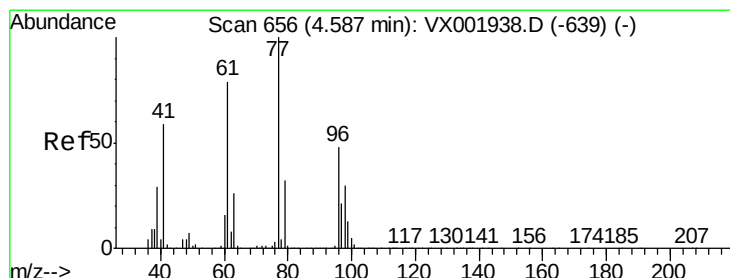
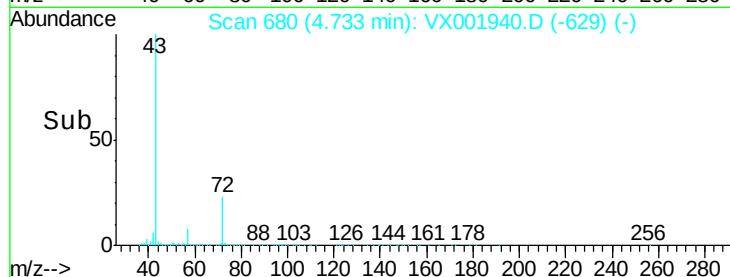
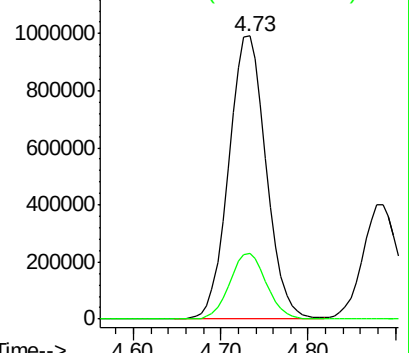
43 100

72 23.2 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 134.57 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001940.D

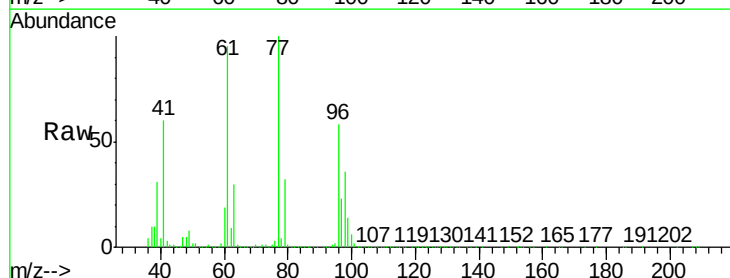
Acq: 24 May 2018 12:39

Tgt Ion: 77 Resp: 1008870

Ion Ratio Lower Upper

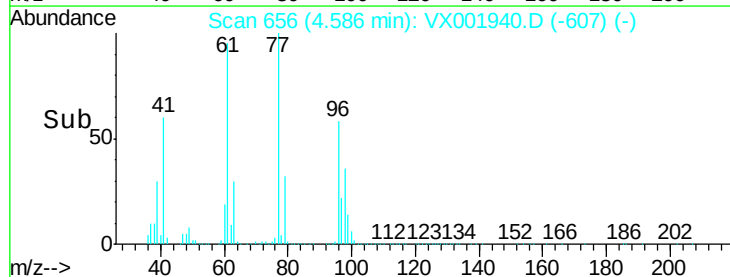
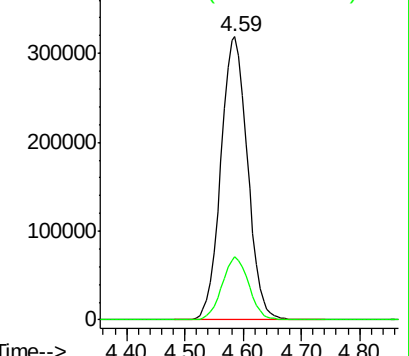
77 100

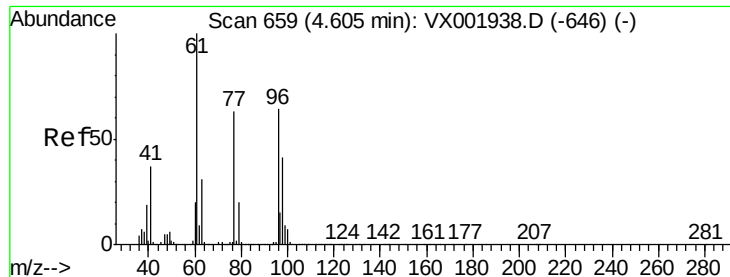
97 22.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 141.39 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

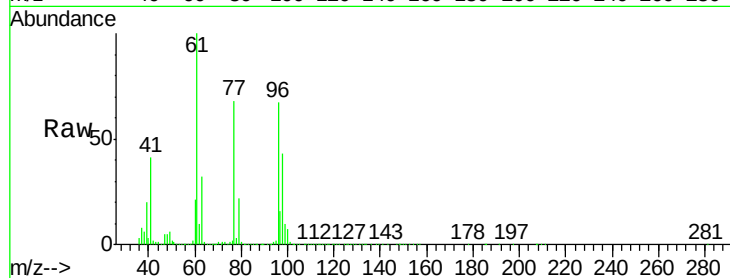
Tgt Ion: 96 Resp: 686512

Ion Ratio Lower Upper

96 100

61 155.4 0.0 348.4

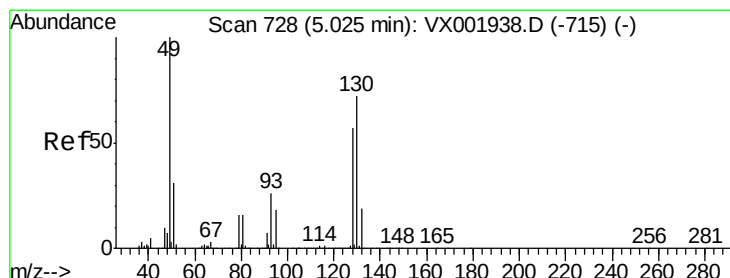
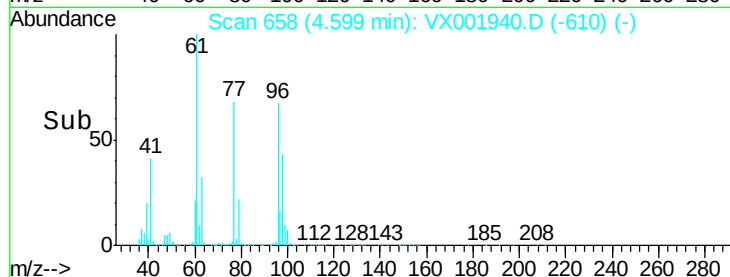
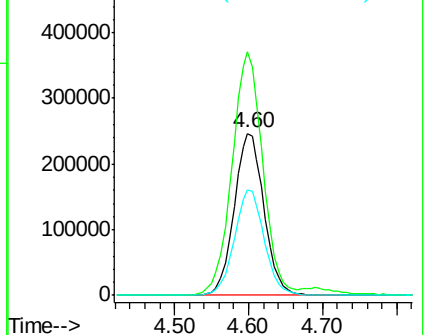
98 65.2 0.0 128.6



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: 135.56 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

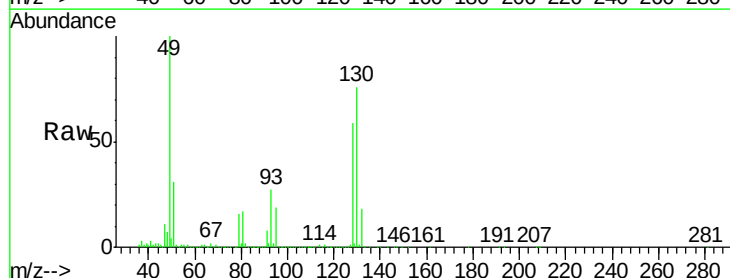
Tgt Ion: 49 Resp: 466892

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

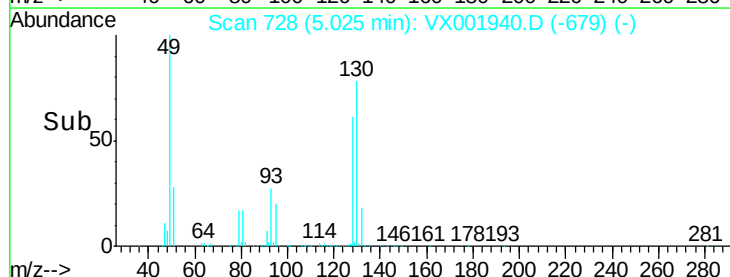
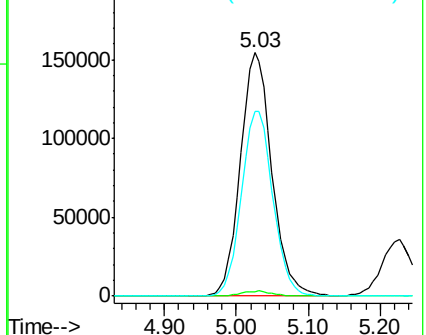
130 76.2 59.4 89.2

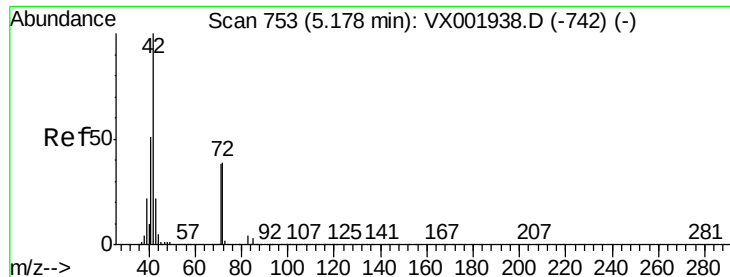


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 701.14 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

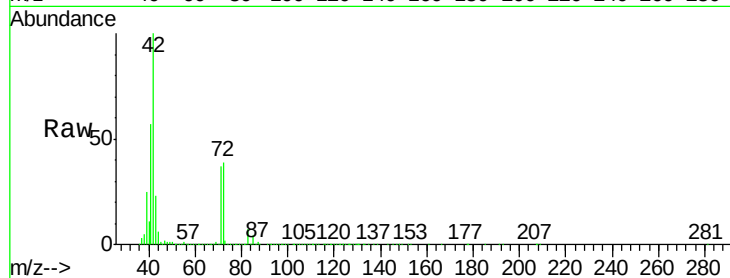
Tgt Ion: 42 Resp: 1874450

Ion Ratio Lower Upper

42 100

72 39.7 31.4 47.0

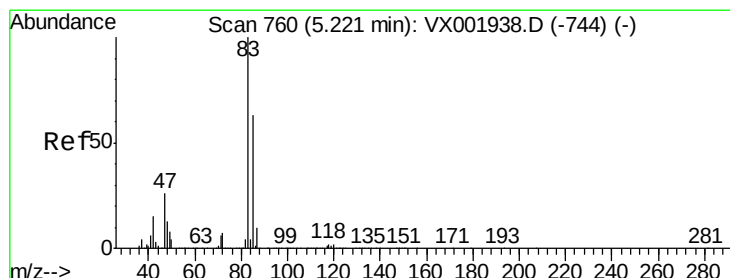
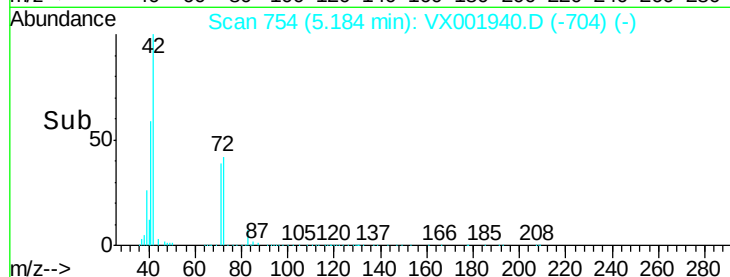
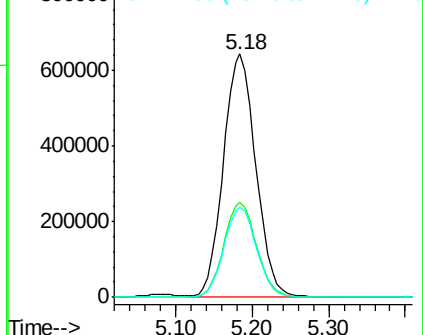
71 37.4 29.5 44.3



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: 140.92 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001940.D

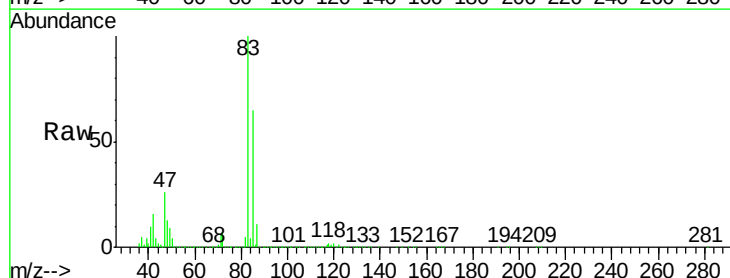
Acq: 24 May 2018 12:39

Tgt Ion: 83 Resp: 1178764

Ion Ratio Lower Upper

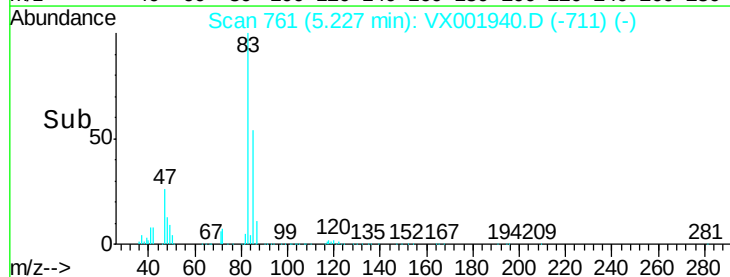
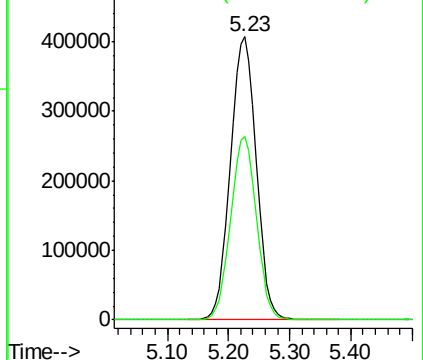
83 100

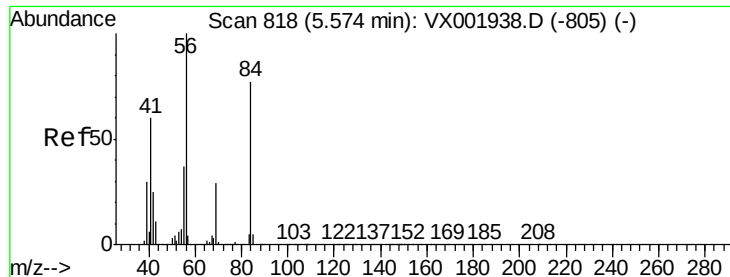
85 64.8 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

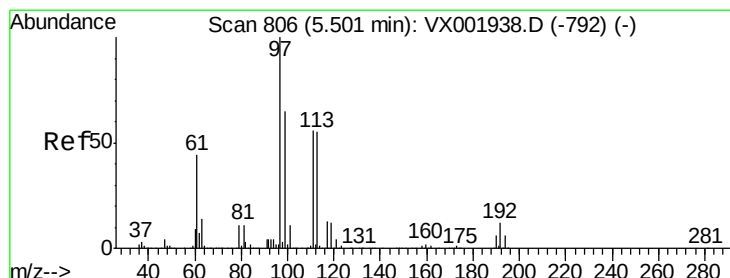
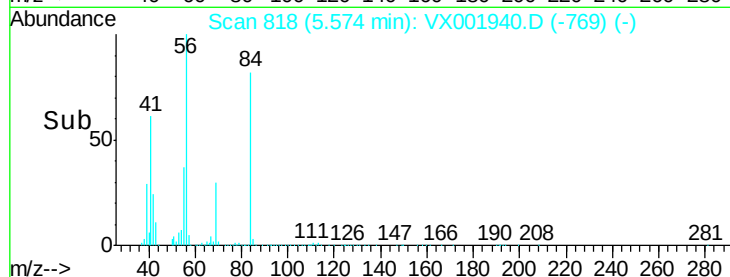
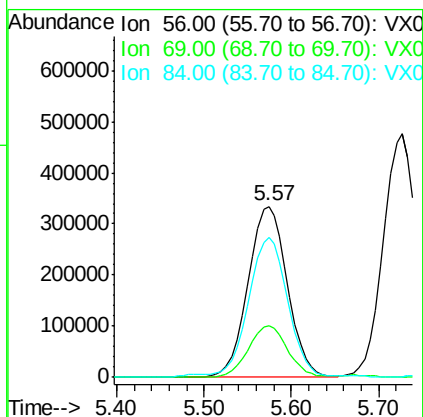
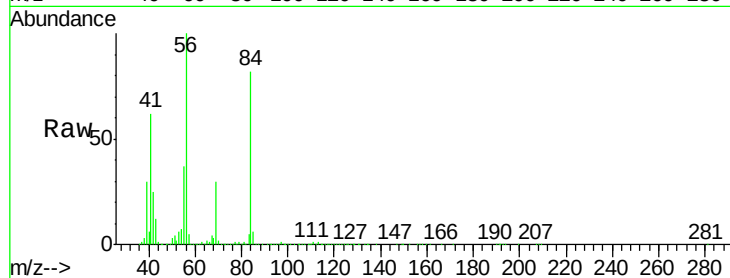




#31
Cyclohexane
Concen: 134.44 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

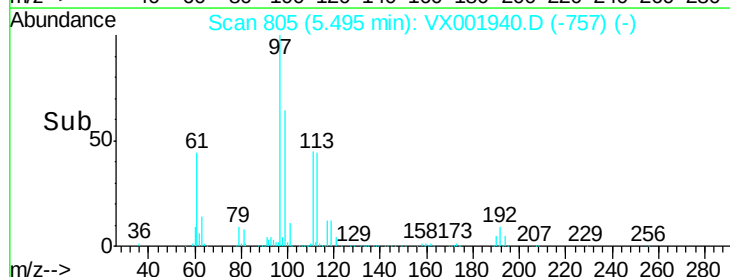
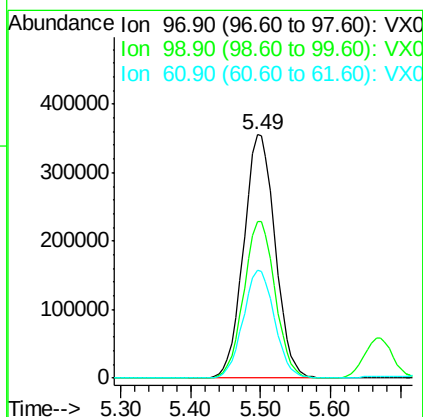
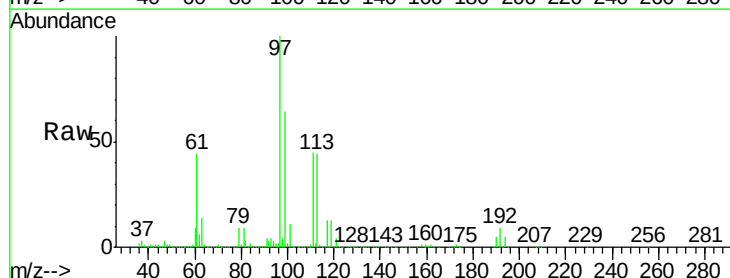
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

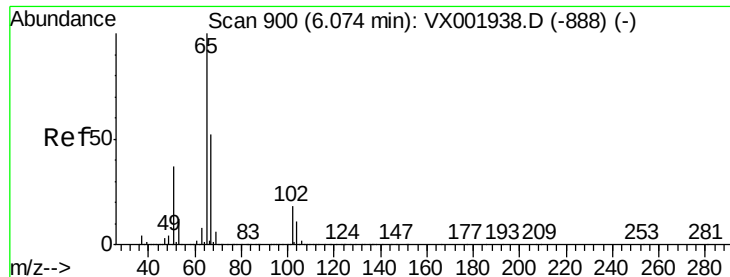
Tgt Ion: 56 Resp: 1039802
Ion Ratio Lower Upper
56 100
69 30.3 23.1 34.7
84 81.5 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 139.65 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

Tgt Ion: 97 Resp: 1106099
Ion Ratio Lower Upper
97 100
99 64.2 51.9 77.9
61 44.2 35.9 53.9

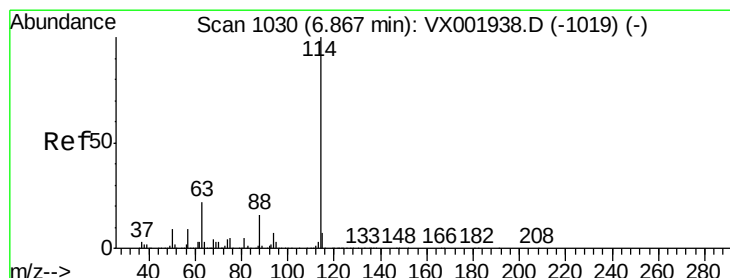
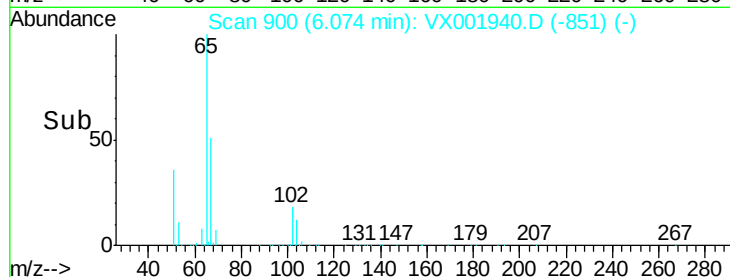
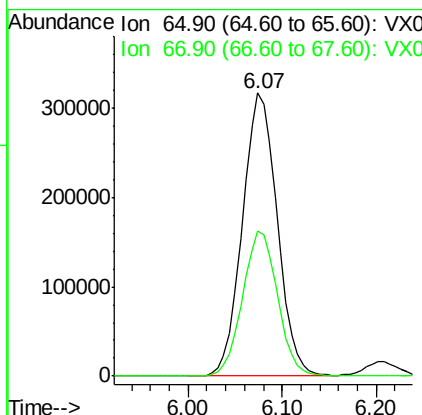
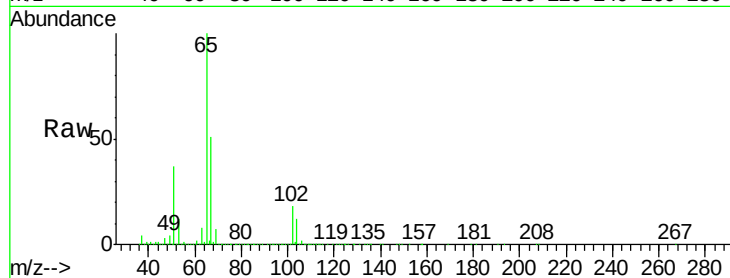




#33
 1,2-Dichloroethane-d4
 Concen: 140.57 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

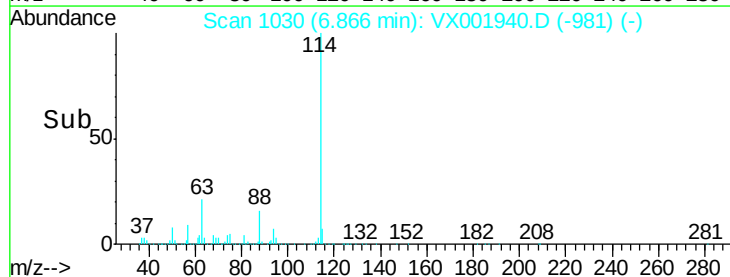
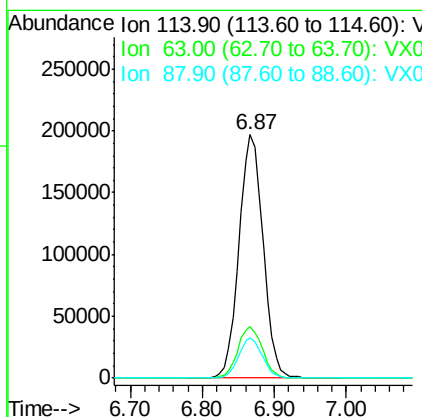
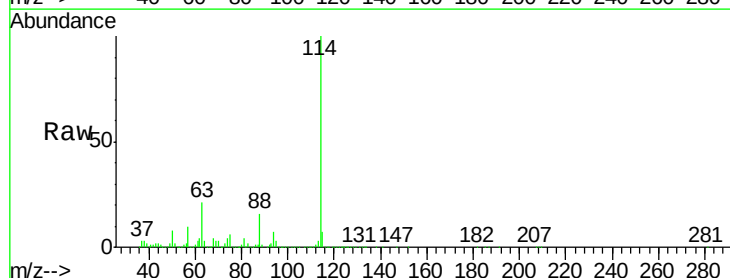
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

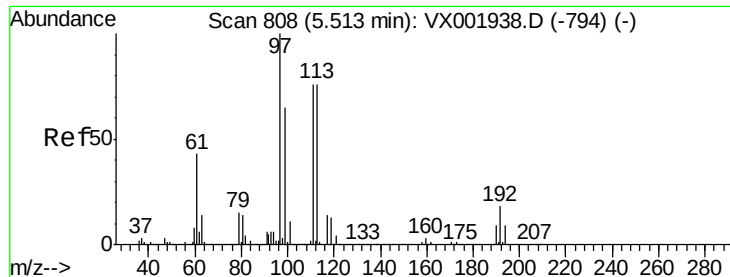
Tgt Ion: 65 Resp: 815093
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

Tgt Ion: 114 Resp: 457658
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 142.81 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

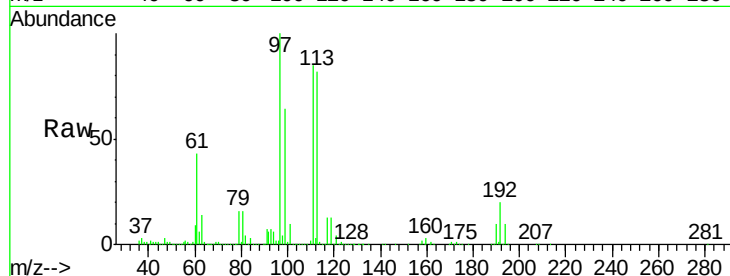
Tgt Ion:113 Resp: 637001

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

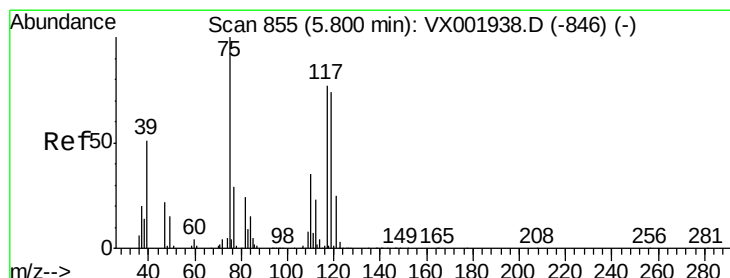
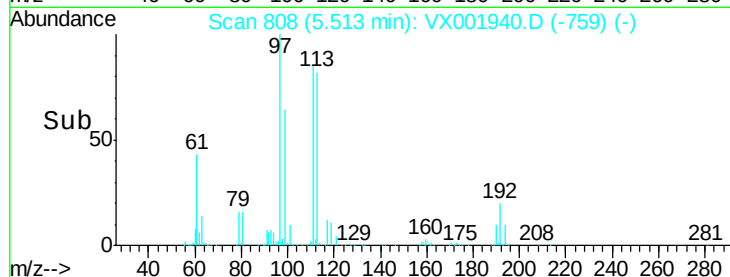
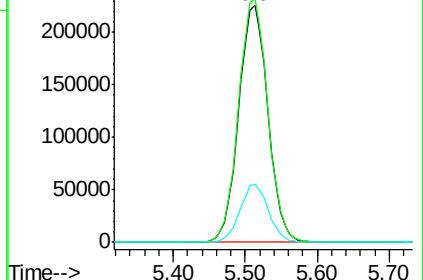
192 24.0 18.9 28.3



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: 142.43 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

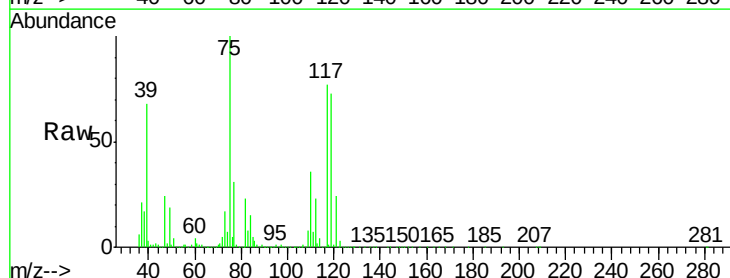
Tgt Ion: 75 Resp: 869459

Ion Ratio Lower Upper

75 100

110 35.9 17.4 52.2

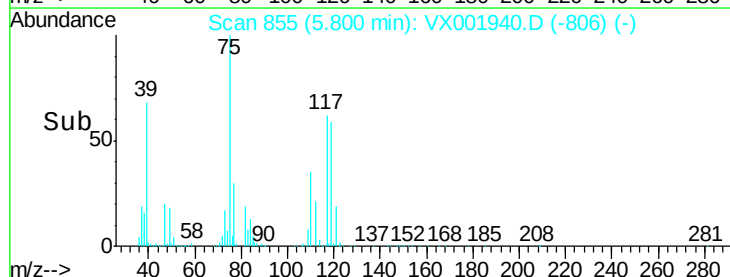
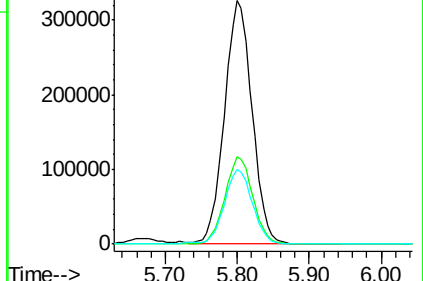
77 31.1 24.4 36.6

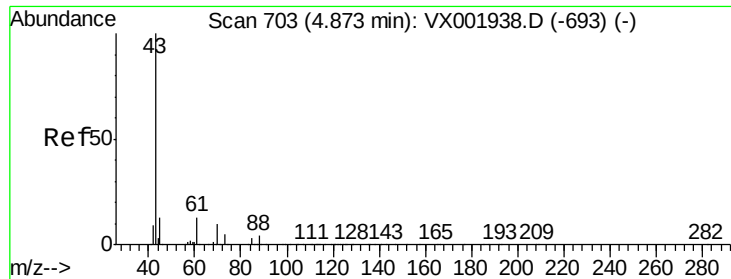


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

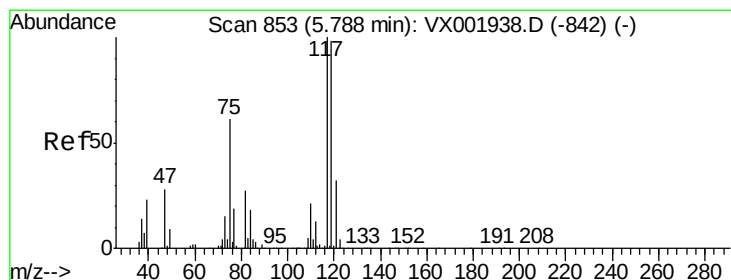
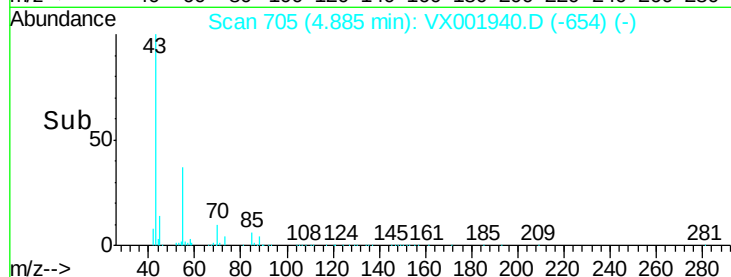
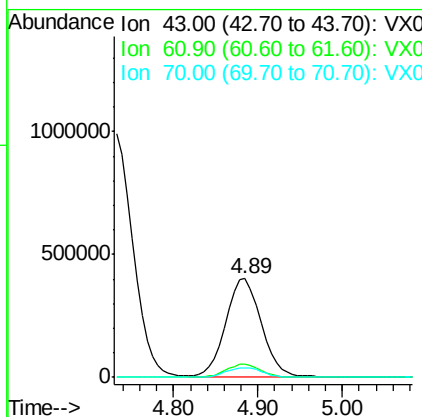
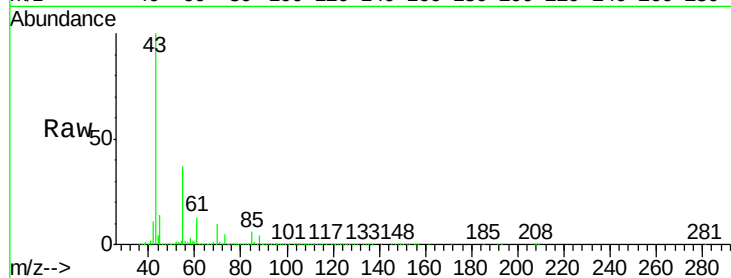




#37
Ethyl Acetate
Concen: 141.23 ug/l
RT: 4.89 min Scan# 705
Delta R.T. 0.01 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

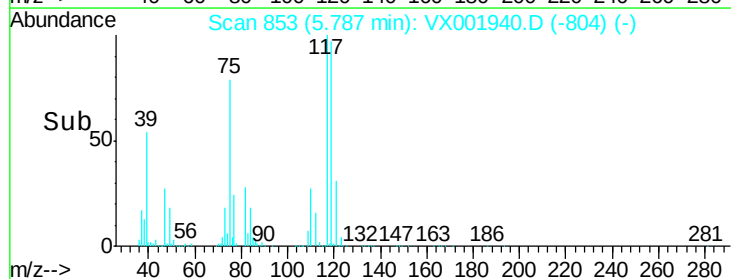
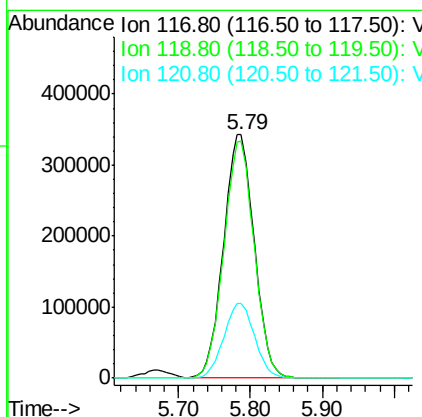
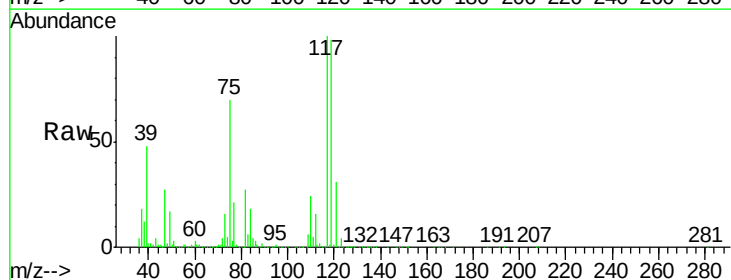
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

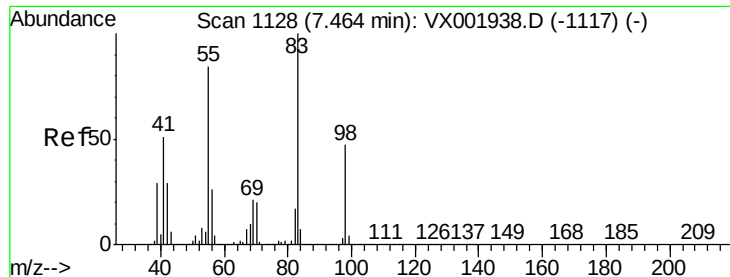
Tgt Ion: 43 Resp: 1140799
Ion Ratio Lower Upper
43 100
61 12.8 10.2 15.2
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 142.36 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

Tgt Ion: 117 Resp: 1013692
Ion Ratio Lower Upper
117 100
119 97.5 78.5 117.7
121 30.8 25.5 38.3

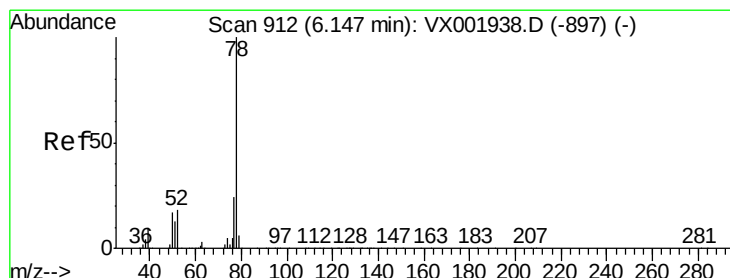
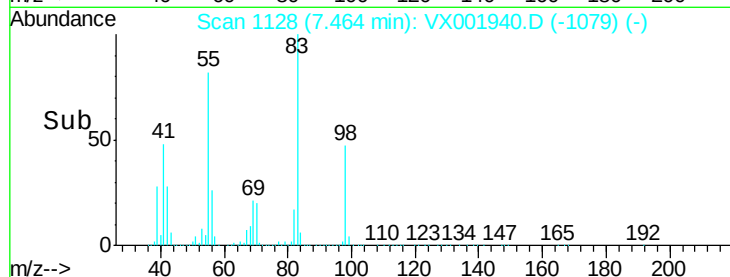
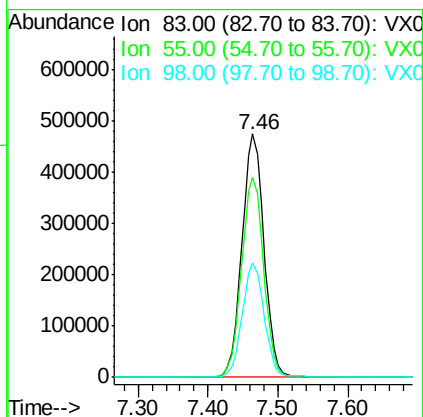
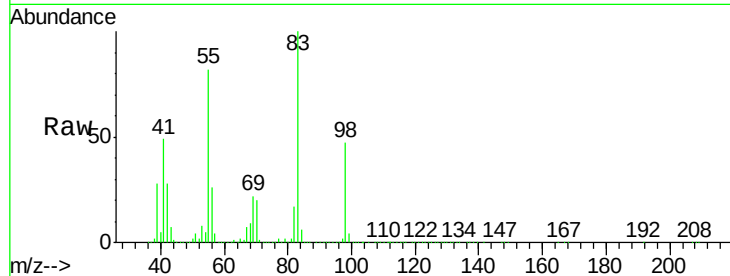




#39
Methylcyclohexane
Concen: 139.52 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

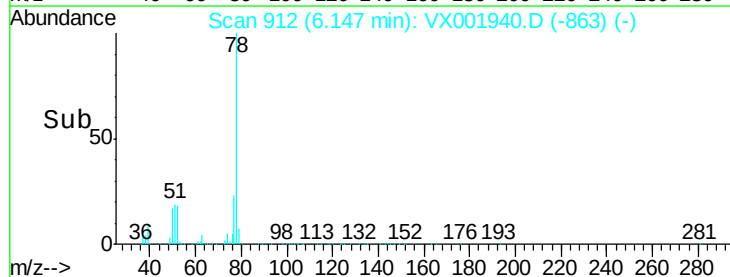
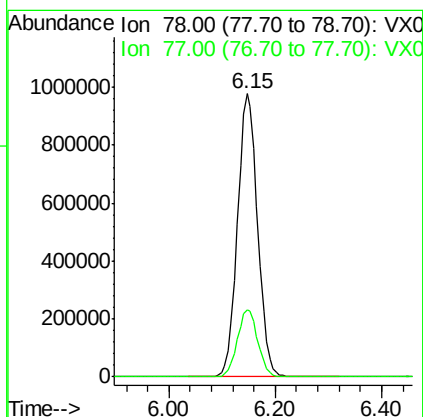
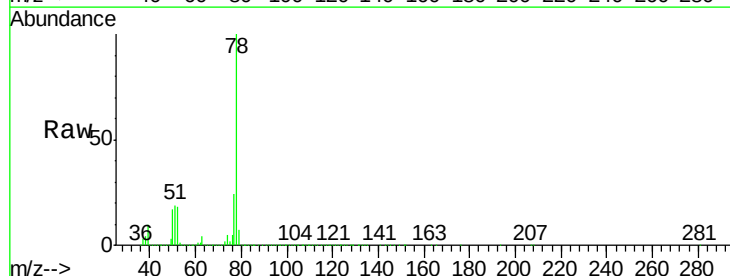
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

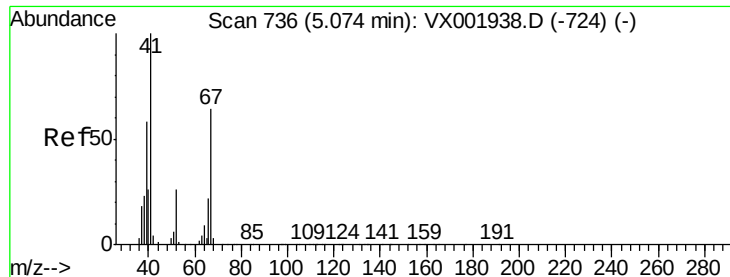
Tgt Ion: 83 Resp: 1038350
Ion Ratio Lower Upper
83 100
55 81.8 67.3 100.9
98 46.8 37.5 56.3



#40
Benzene
Concen: 140.69 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

Tgt Ion: 78 Resp: 2553185
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

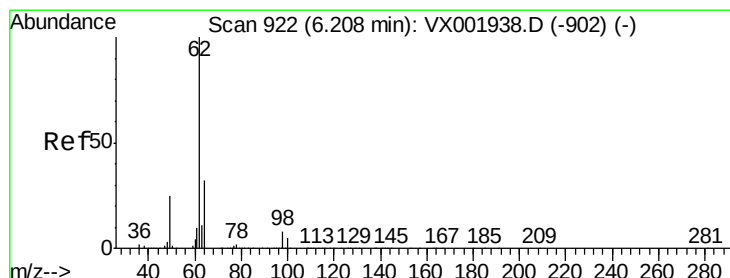
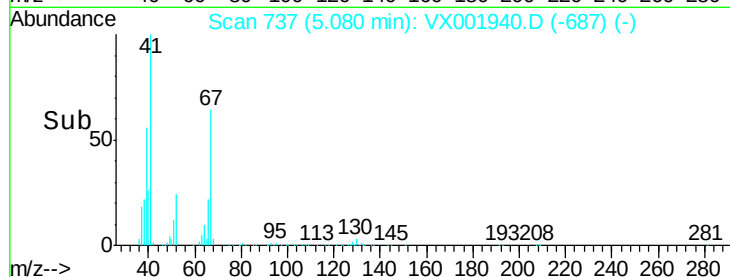
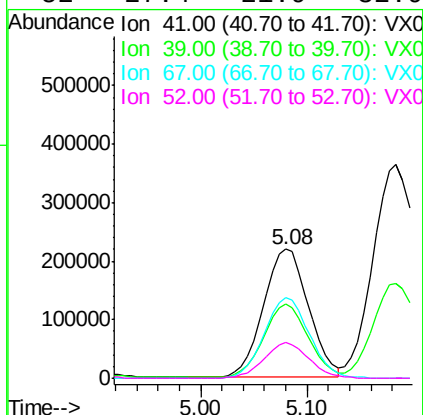
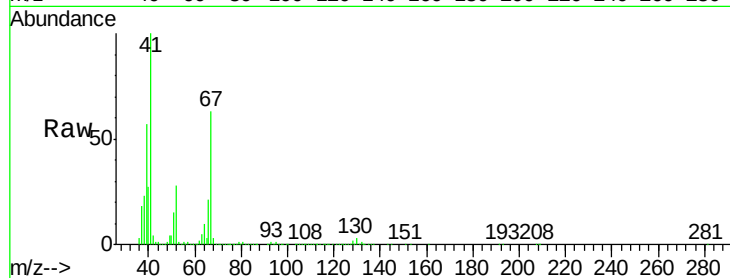




#41
Methacrylonitrile
Concen: 143.13 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

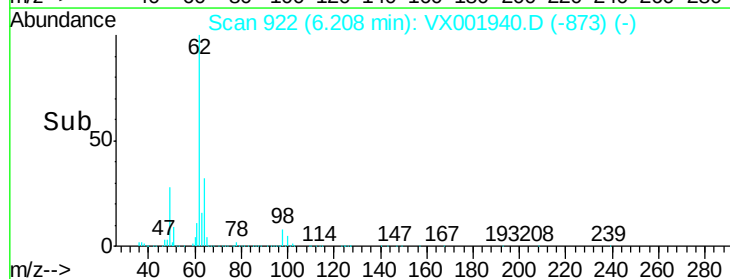
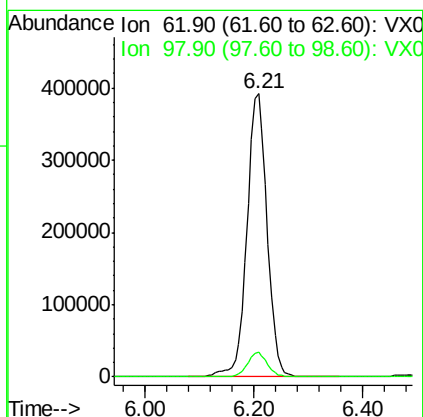
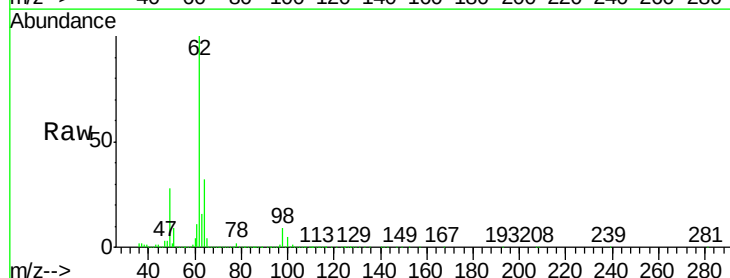
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

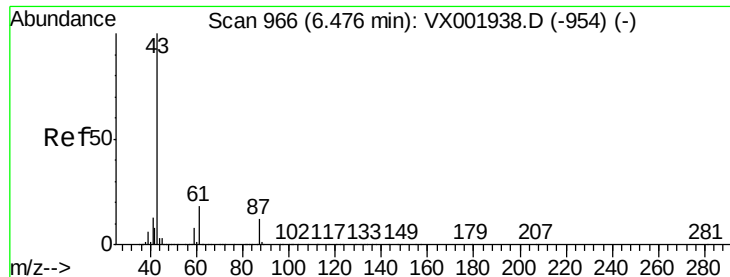
Tgt Ion:	41	Resp:	642739
Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.0	69.0
67	62.9	50.6	75.8
52	27.4	21.9	32.9



#42
1,2-Dichloroethane
Concen: 141.46 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

Tgt Ion:	62	Resp:	1002160
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0





#43

Isopropyl Acetate

Concen: 143.95 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

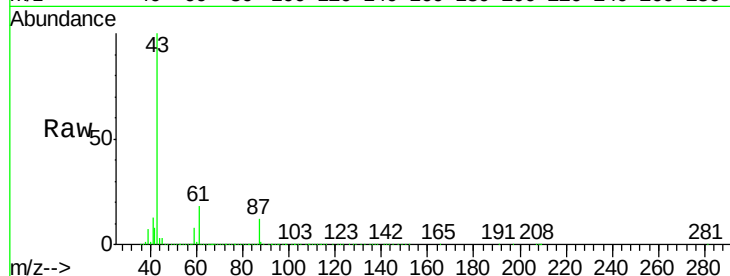
Tgt Ion: 43 Resp: 1947547

Ion Ratio Lower Upper

43 100

61 18.2 14.5 21.7

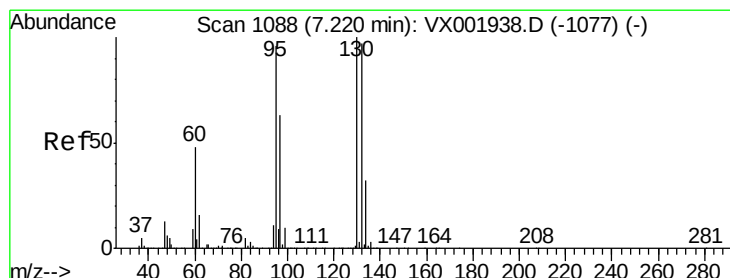
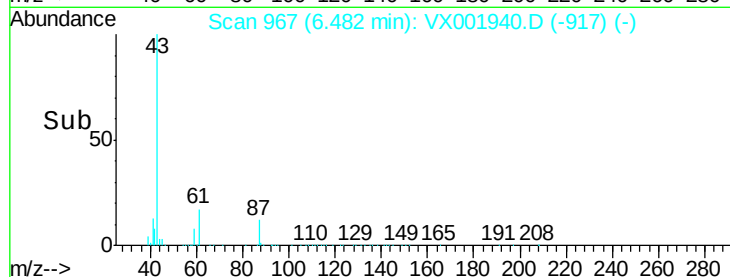
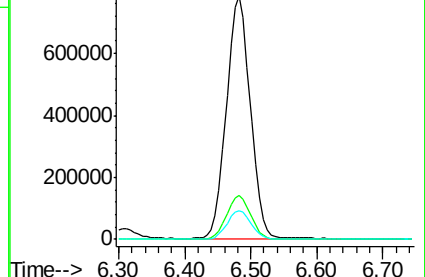
87 11.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX001938.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX001938.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX001938.D (-954) (-)



#44

Trichloroethene

Concen: 141.50 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001940.D

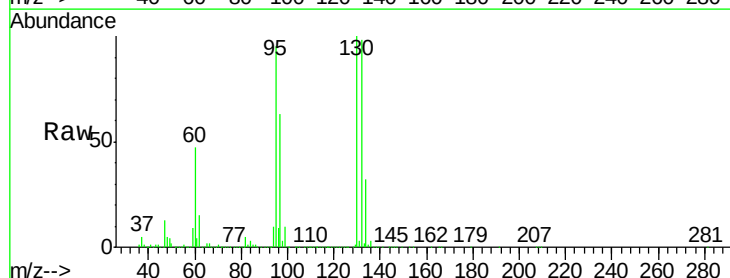
Acq: 24 May 2018 12:39

Tgt Ion: 130 Resp: 741476

Ion Ratio Lower Upper

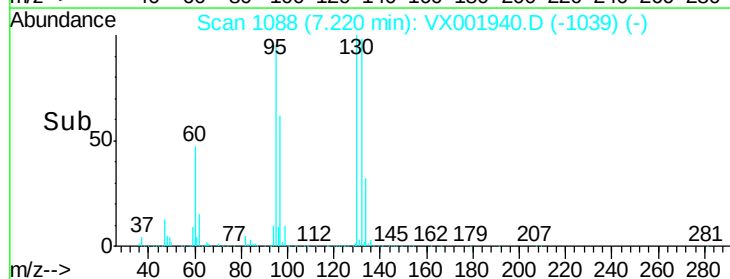
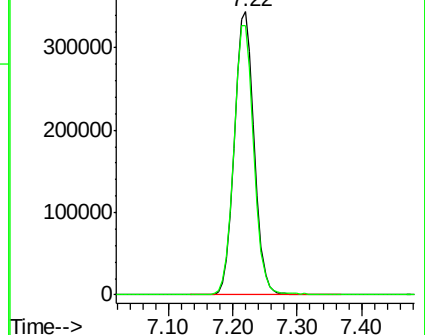
130 100

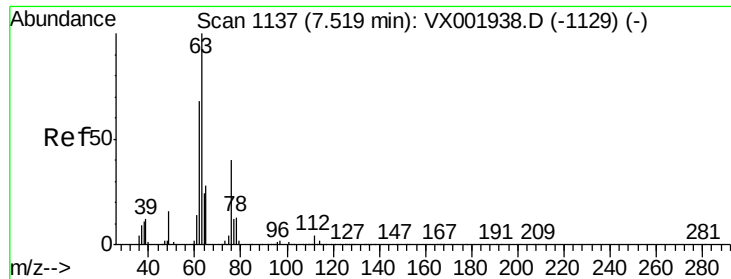
95 95.1 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): VX001938.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX001938.D (-1077) (-)

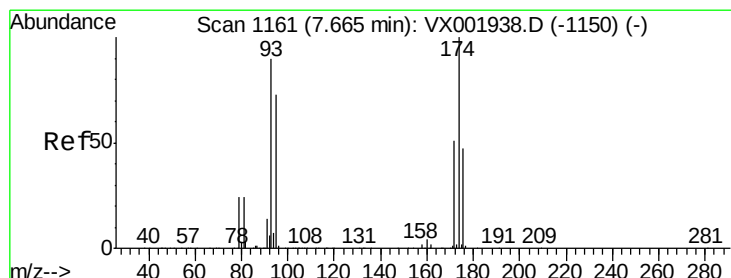
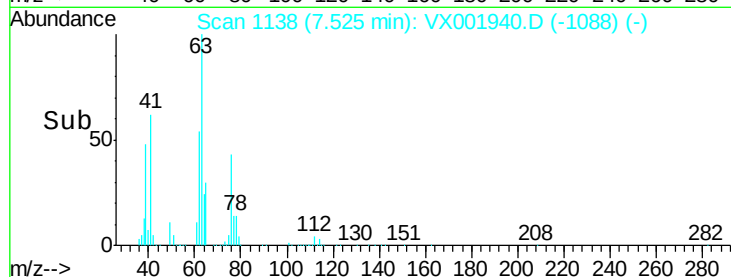
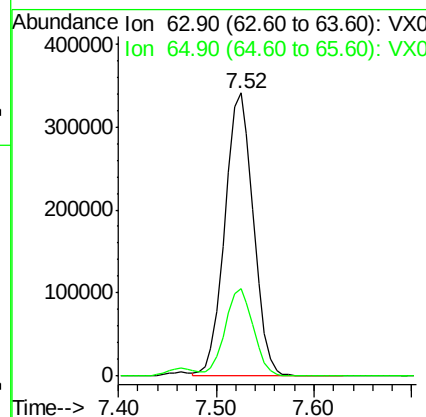
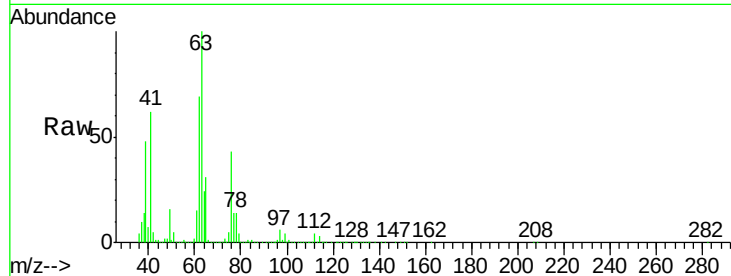




#45
 1,2-Dichloropropane
 Concen: 141.73 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

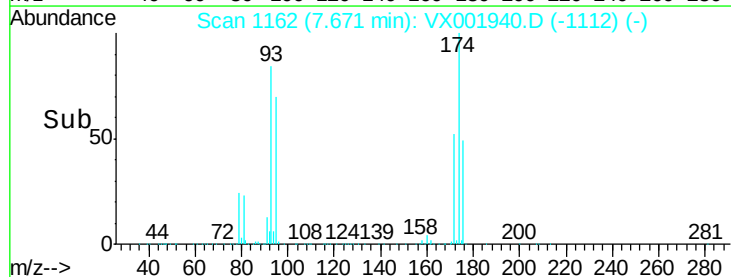
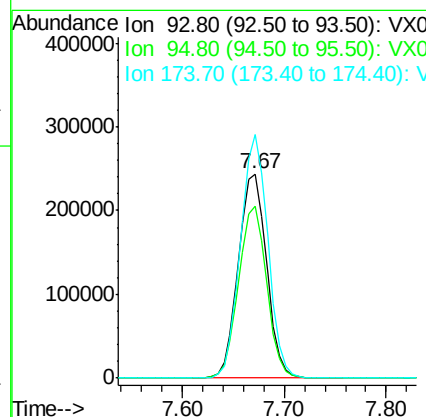
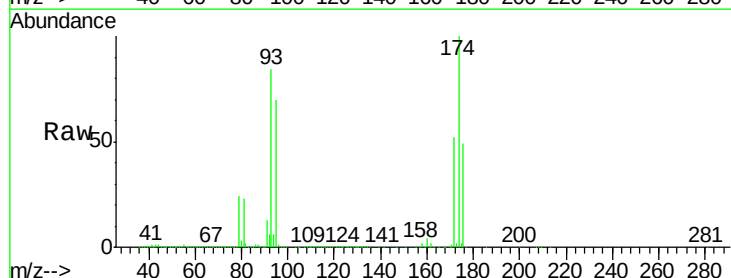
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

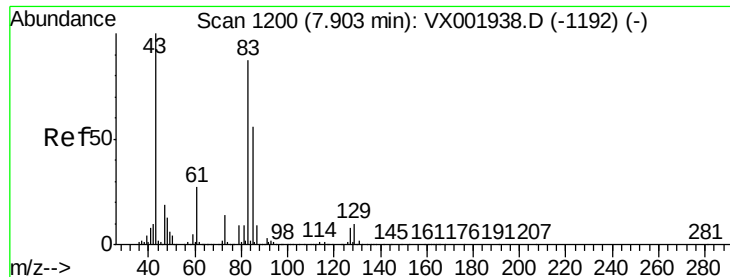
Tgt Ion: 63 Resp: 685578
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.1 36.1



#46
 Dibromomethane
 Concen: 142.70 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

Tgt Ion: 93 Resp: 465842
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.1 99.1
 174 116.1 92.5 138.7





#47

Bromodichloromethane

Concen: 142.49 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

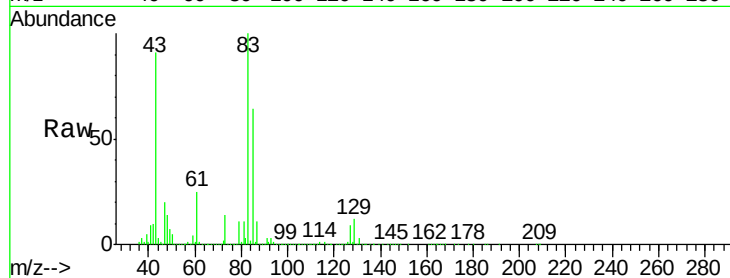
Tgt Ion: 83 Resp: 977708

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.2

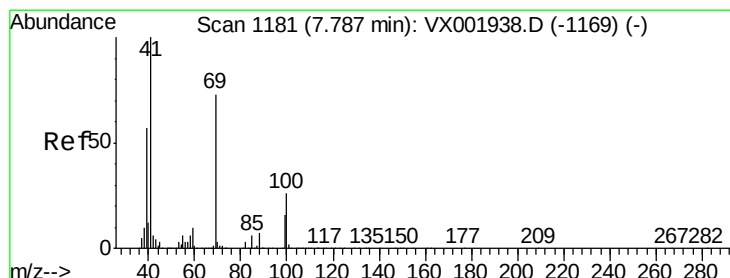
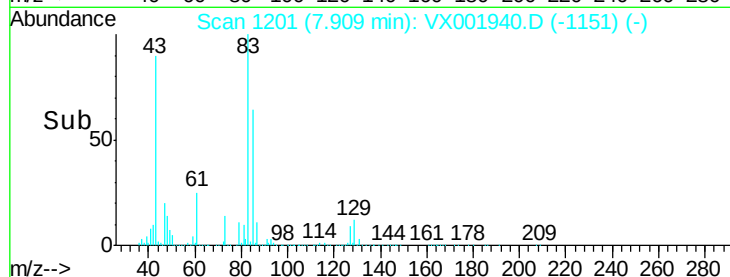
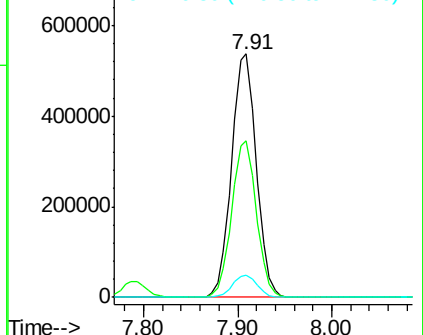
127 9.2 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 145.39 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

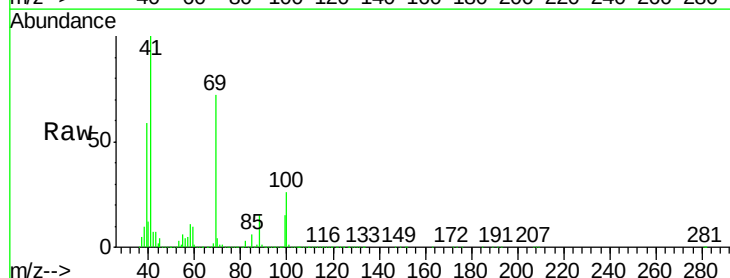
Tgt Ion: 41 Resp: 993960

Ion Ratio Lower Upper

41 100

69 72.8 58.6 87.8

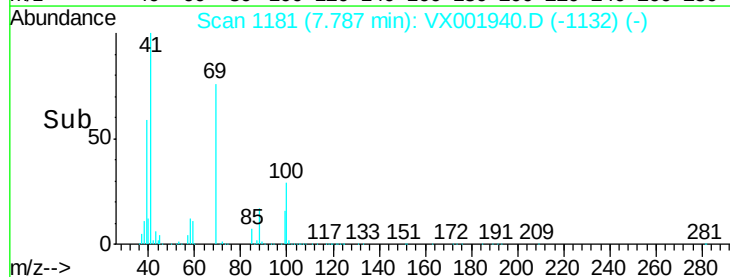
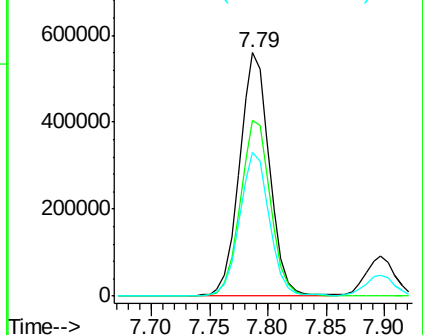
39 58.8 46.3 69.5

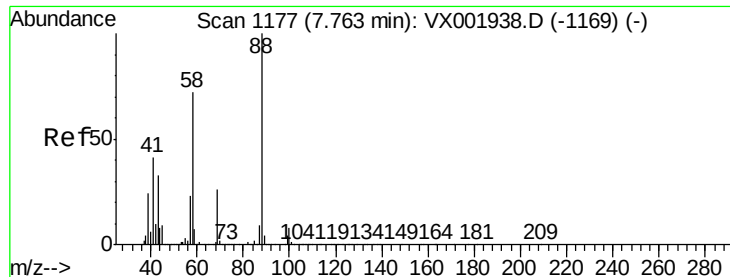


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2897.58 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

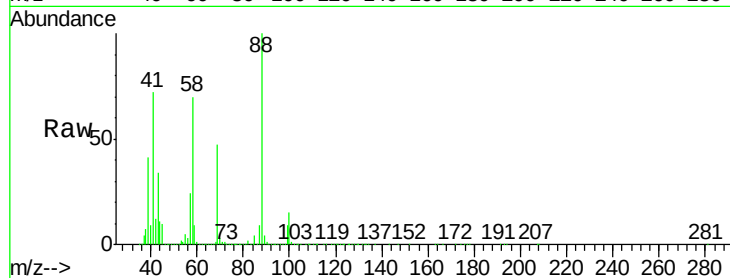
Tgt Ion: 88 Resp: 357086

Ion Ratio Lower Upper

88 100

43 38.0 29.8 44.8

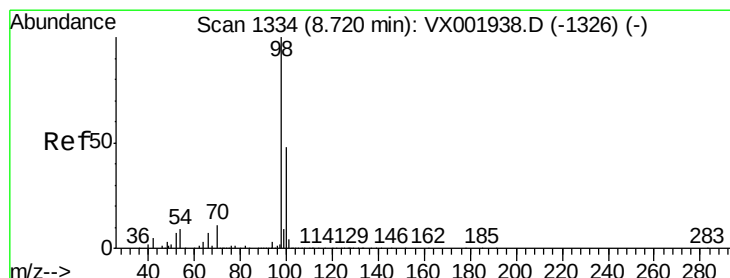
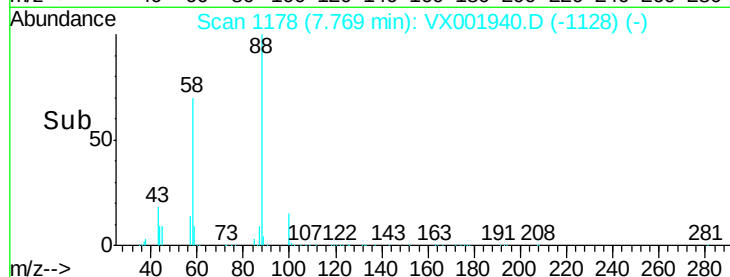
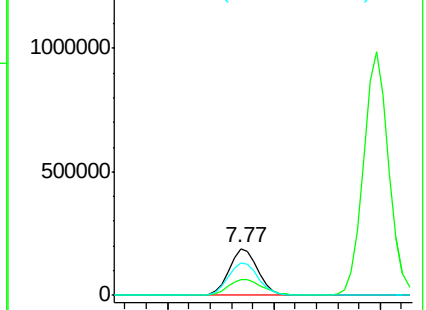
58 73.2 58.7 88.1



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: 144.51 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001940.D

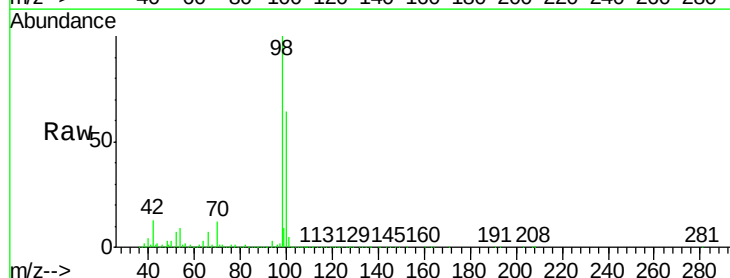
Acq: 24 May 2018 12:39

Tgt Ion: 98 Resp: 2379318

Ion Ratio Lower Upper

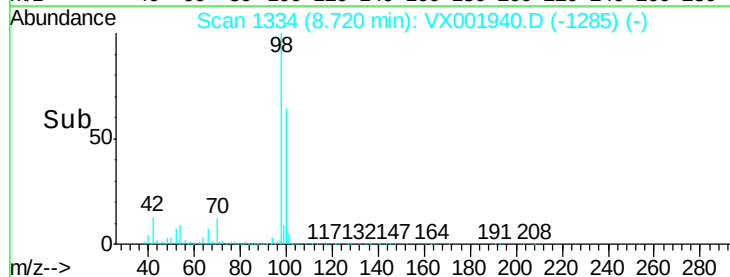
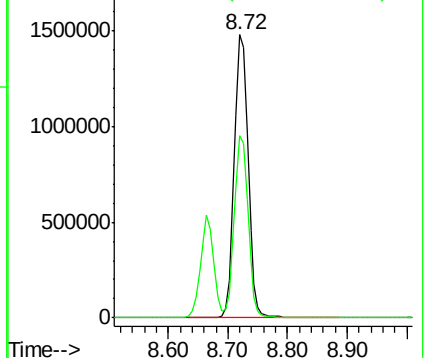
98 100

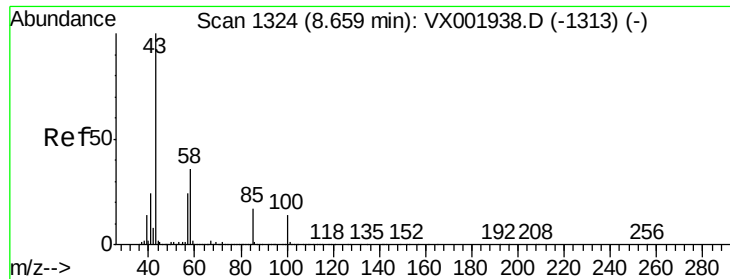
100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

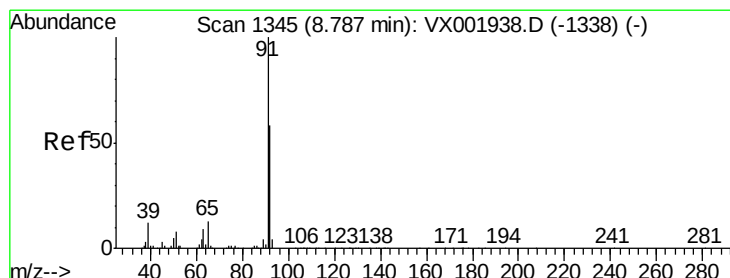
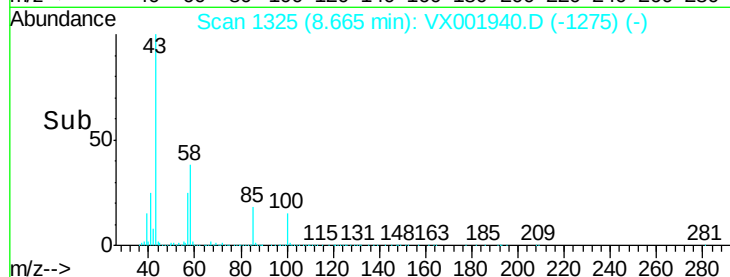
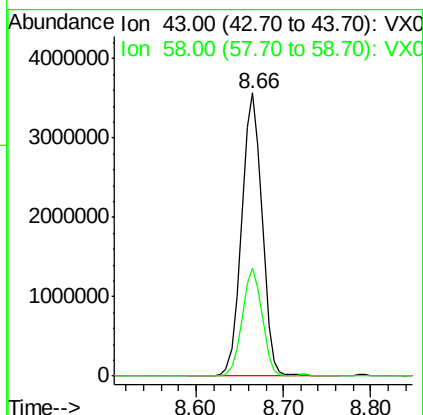
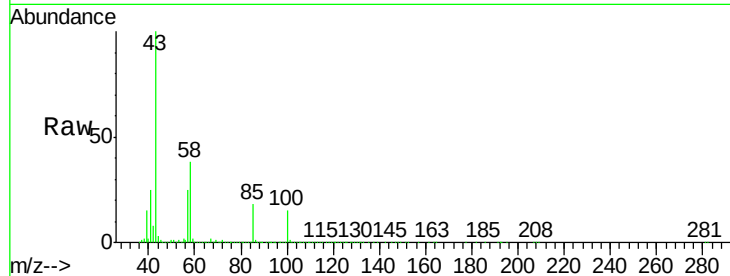




#51
 4-Methyl-2-Pentanone
 Concen: 705.03 ug/l
 RT: 8.66 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

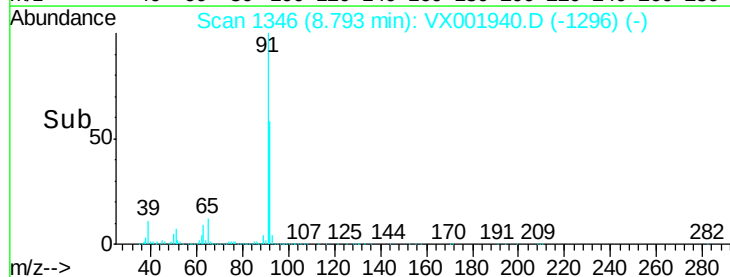
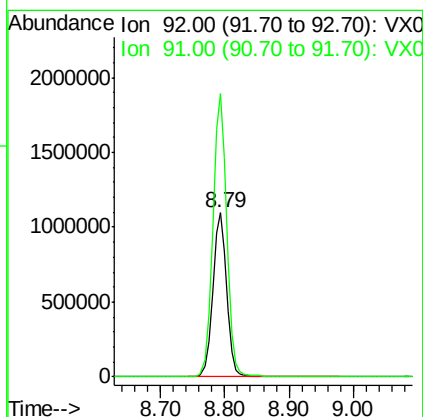
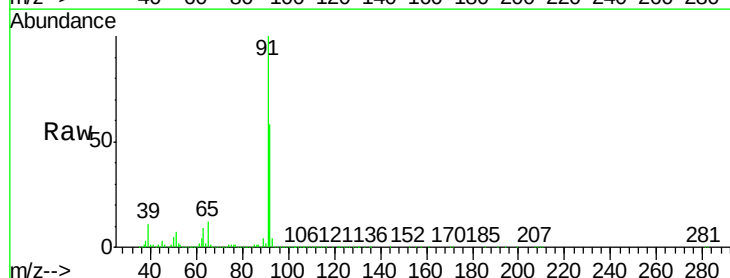
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

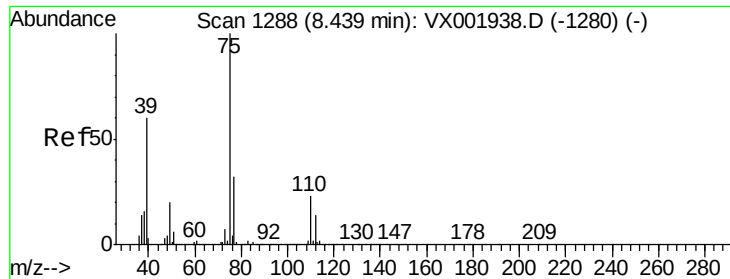
Tgt Ion: 43 Resp: 5768707
 Ion Ratio Lower Upper
 43 100
 58 37.1 28.5 42.7



#52
 Toluene
 Concen: 144.43 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

Tgt Ion: 92 Resp: 1656166
 Ion Ratio Lower Upper
 92 100
 91 172.7 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 143.03 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

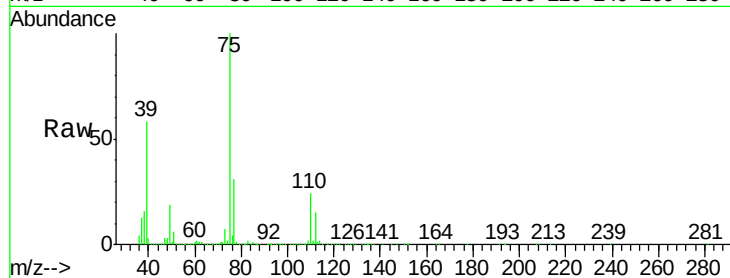
VSTDIC150

Tgt Ion: 75 Resp: 1159297

Ion Ratio Lower Upper

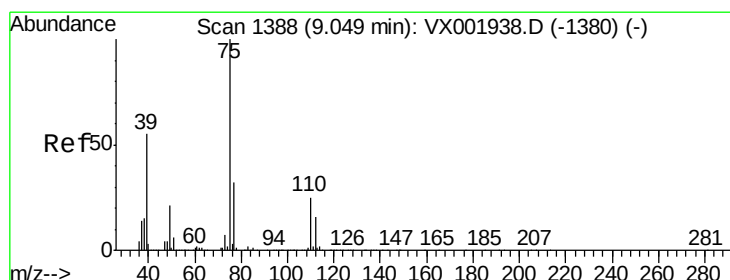
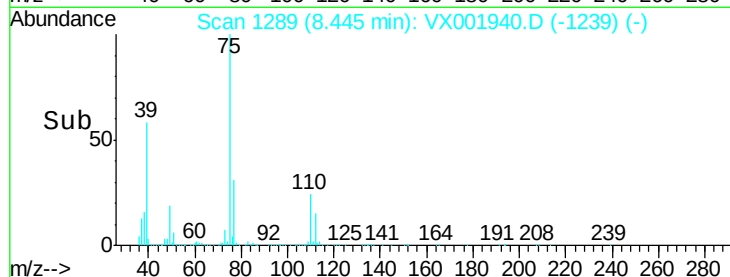
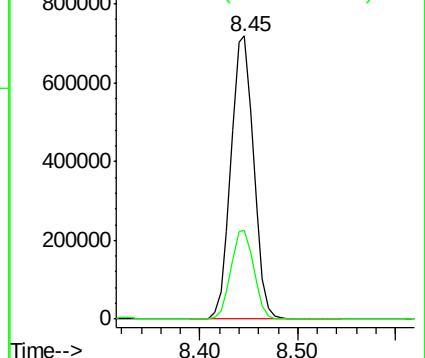
75 100

77 31.4 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 146.99 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

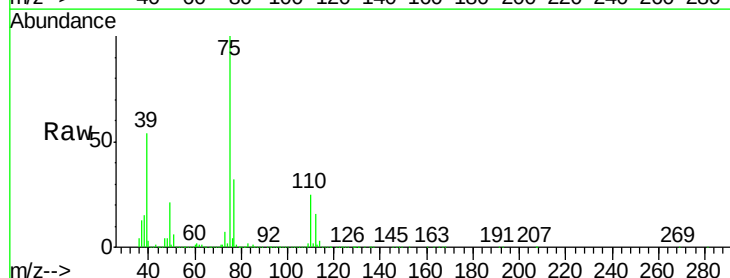
Tgt Ion: 75 Resp: 1152058

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

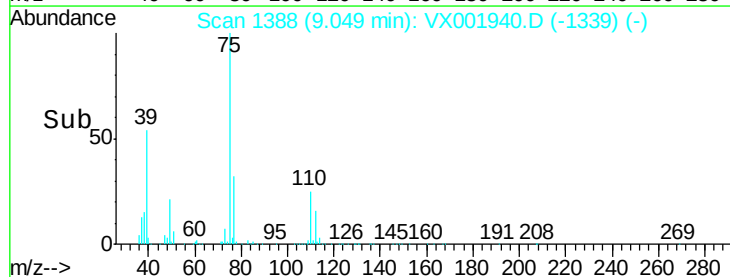
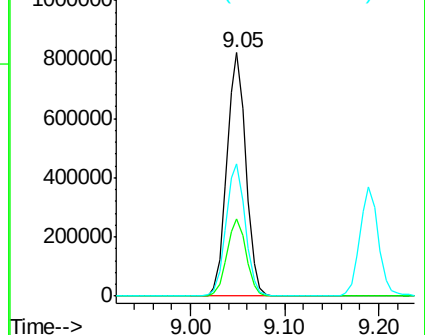
39 54.2 44.1 66.1

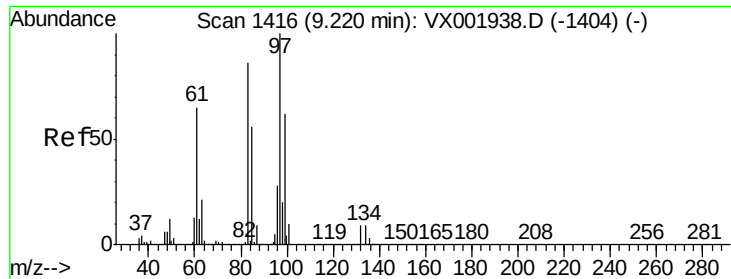


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 145.53 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 683469

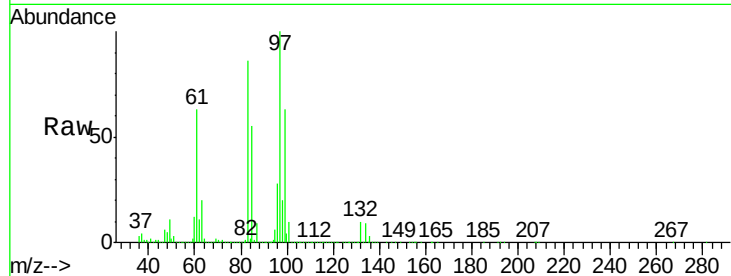
Ion Ratio Lower Upper

97 100

83 85.5 69.1 103.7

85 55.0 45.2 67.8

99 63.0 49.6 74.4

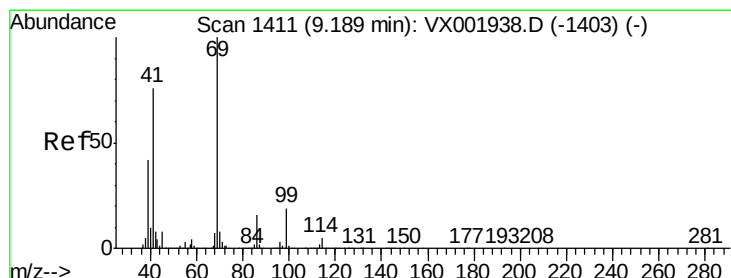
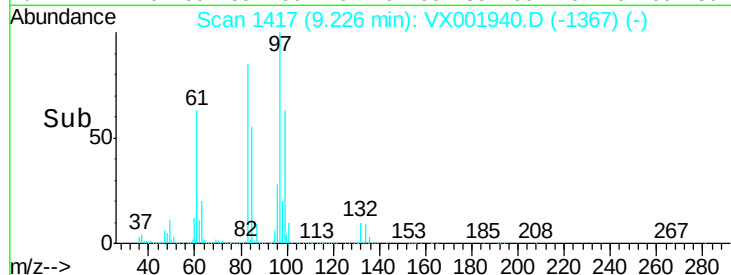
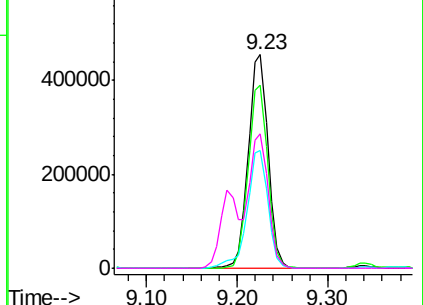


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 147.55 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

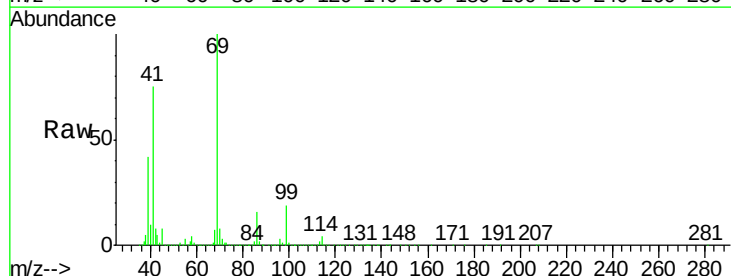
Tgt Ion: 69 Resp: 1193398

Ion Ratio Lower Upper

69 100

41 75.5 61.0 91.6

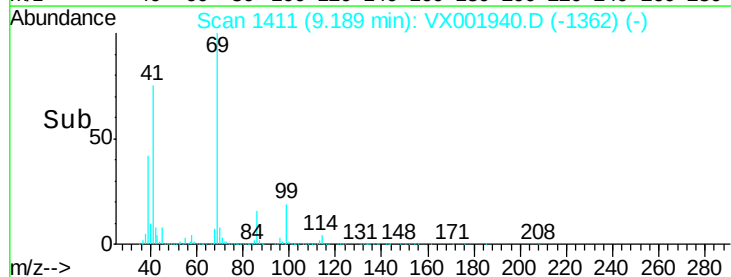
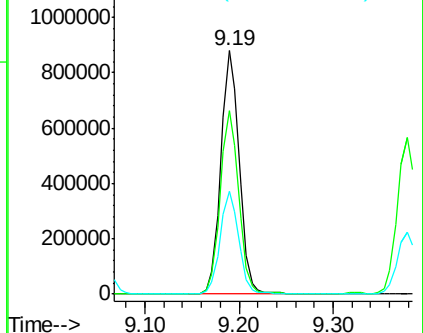
39 42.3 34.4 51.6

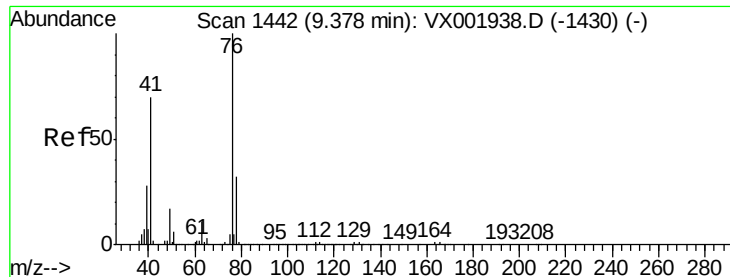


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 144.67 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

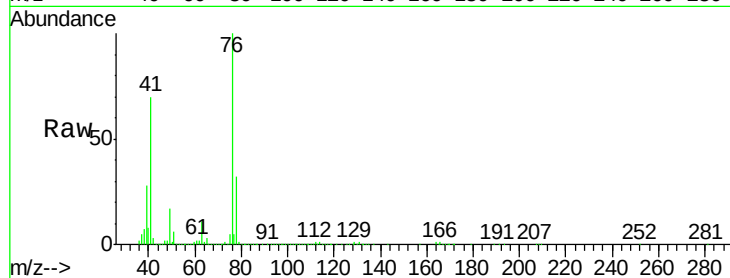
VSTDIC150

Tgt Ion: 76 Resp: 1139361

Ion Ratio Lower Upper

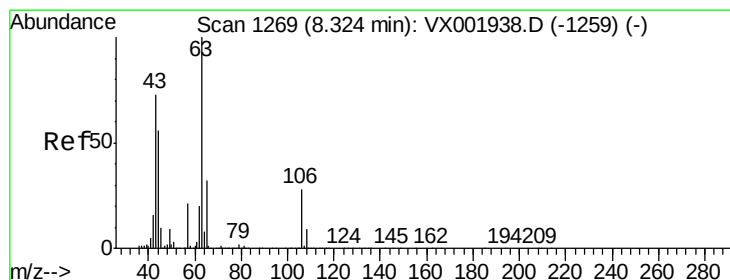
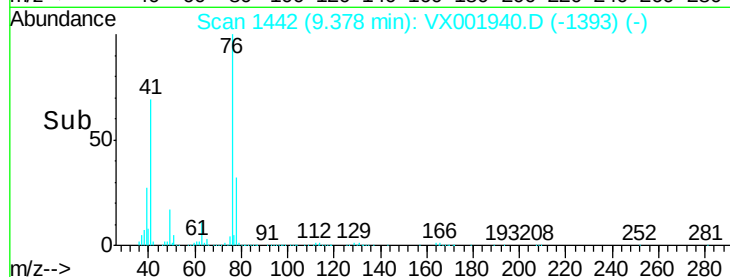
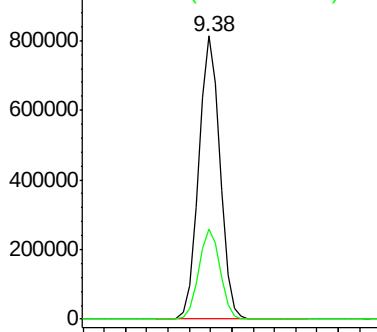
76 100

78 32.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 731.09 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX001940.D

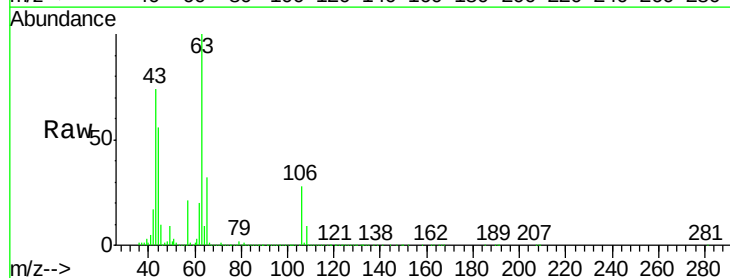
Acq: 24 May 2018 12:39

Tgt Ion: 63 Resp: 2666533

Ion Ratio Lower Upper

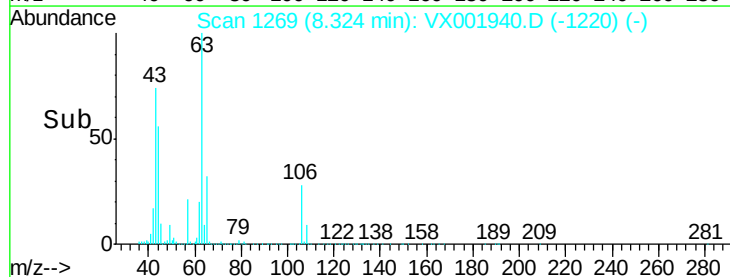
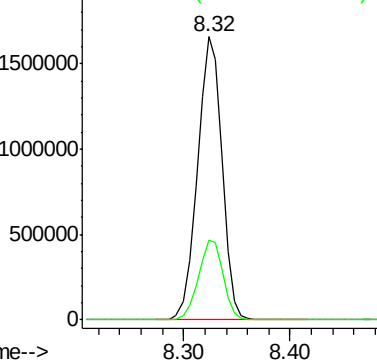
63 100

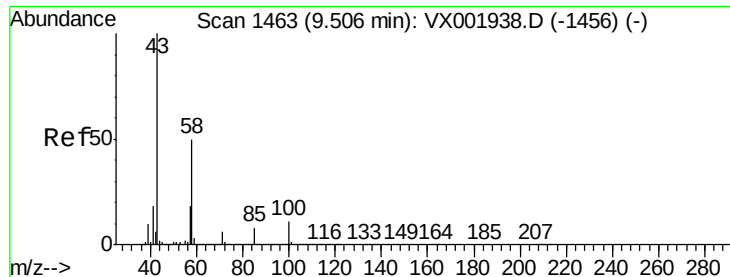
106 28.2 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

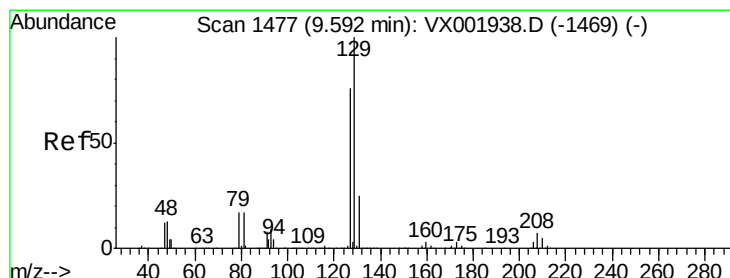
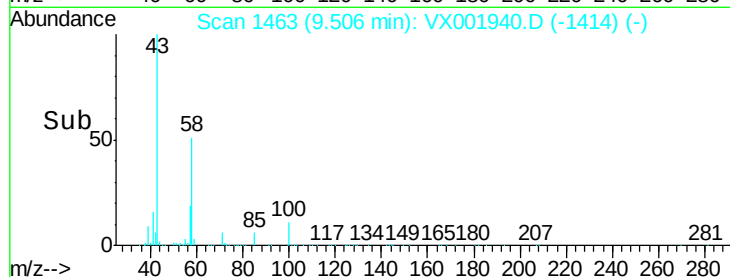
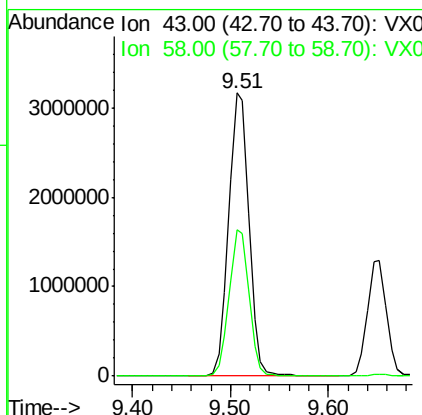
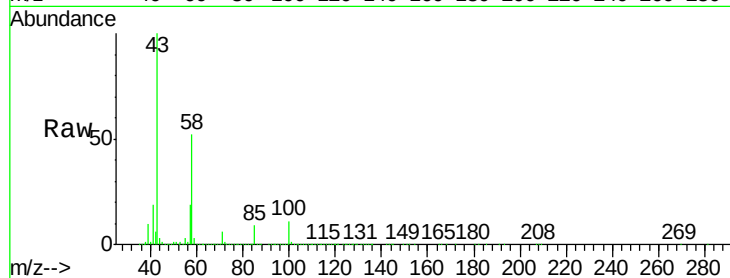




#59
2-Hexanone
Concen: 717.52 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

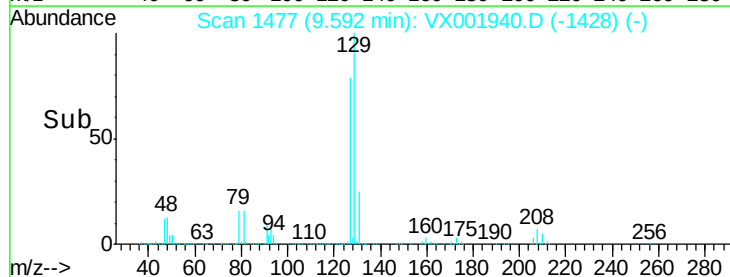
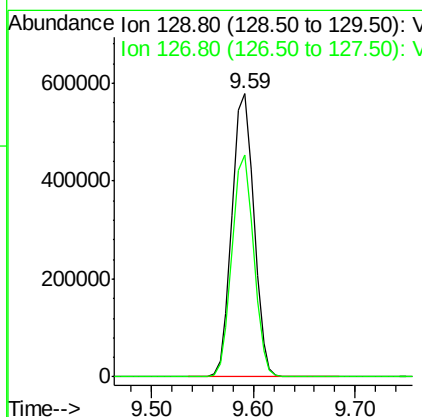
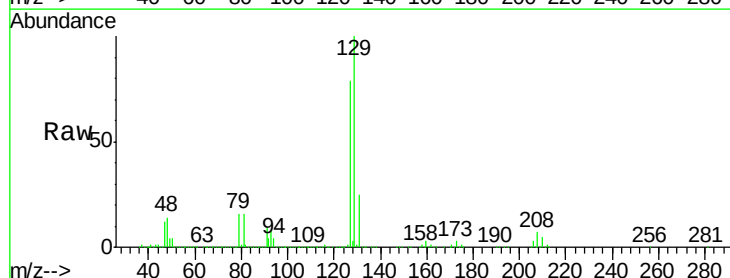
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

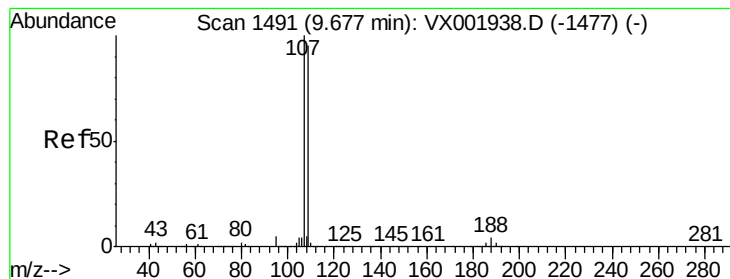
Tgt Ion: 43 Resp: 4543685
Ion Ratio Lower Upper
43 100
58 51.1 24.9 74.6



#60
Dibromochloromethane
Concen: 149.84 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

Tgt Ion: 129 Resp: 858467
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9





#61

1,2-Dibromoethane

Concen: 148.50 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

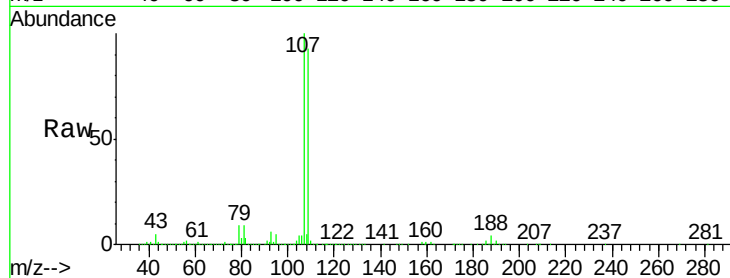
VSTDIC150

Tgt Ion: 107 Resp: 748337

Ion Ratio Lower Upper

107 100

109 93.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

600000

500000

400000

300000

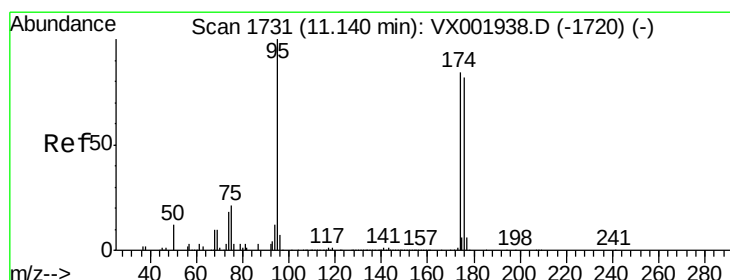
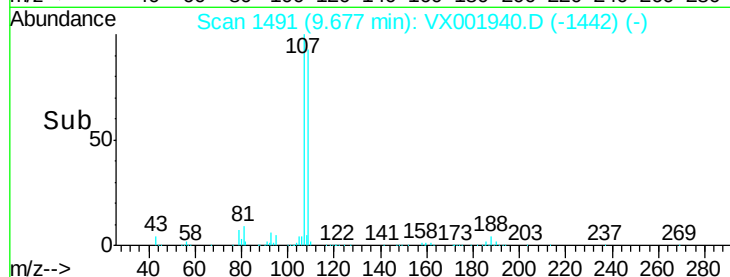
200000

100000

0

9.50 9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 153.37 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

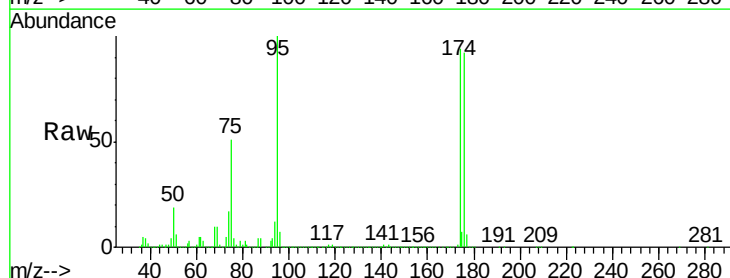
Tgt Ion: 95 Resp: 988515

Ion Ratio Lower Upper

95 100

174 91.2 0.0 178.8

176 88.9 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

1000000

800000

600000

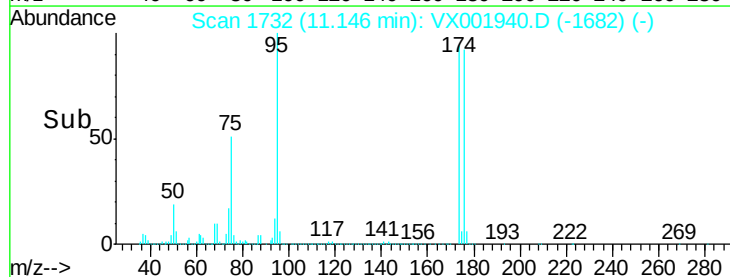
400000

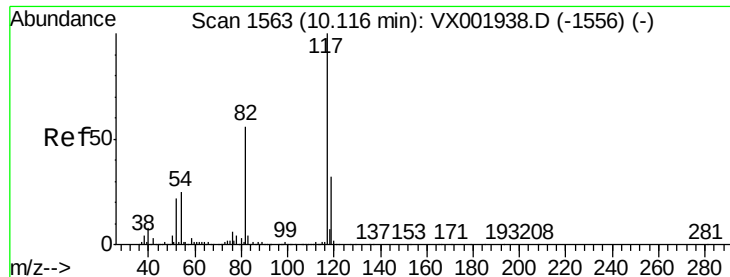
200000

0

11.10 11.20

Time-->

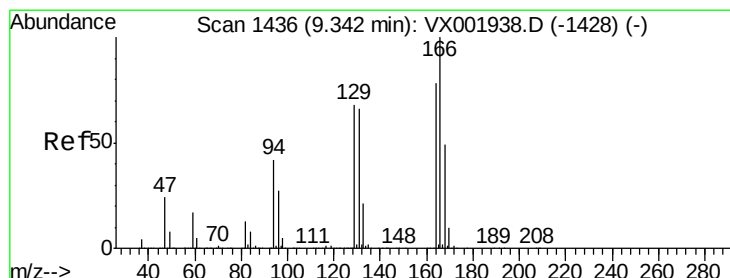
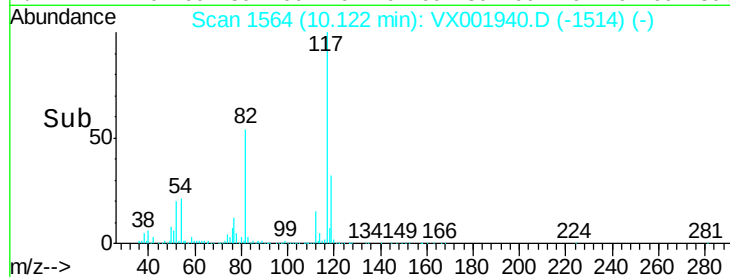
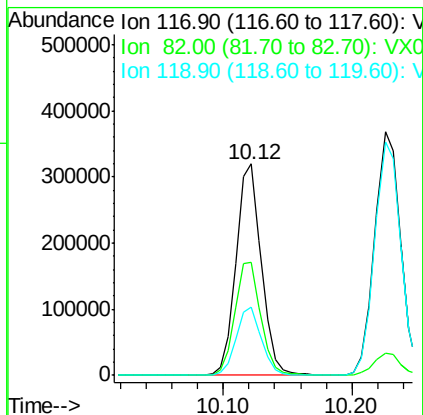
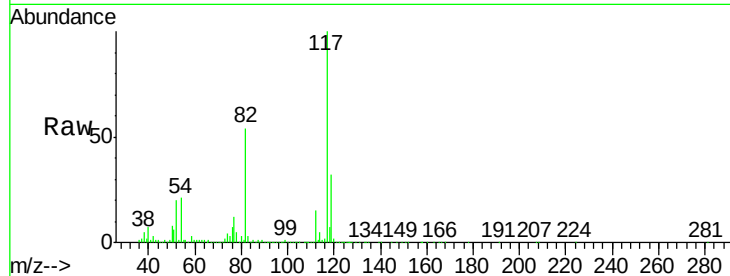




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

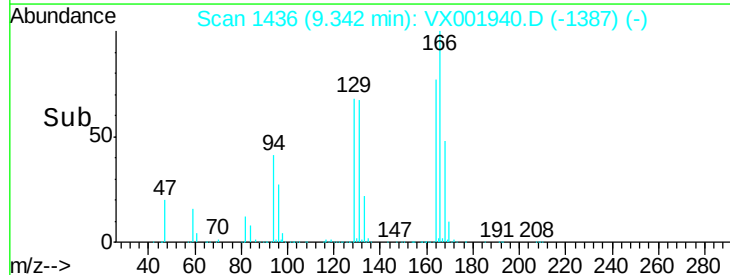
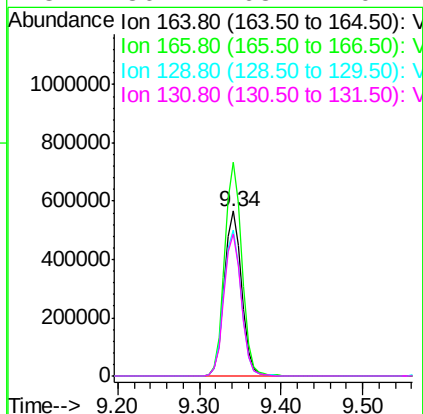
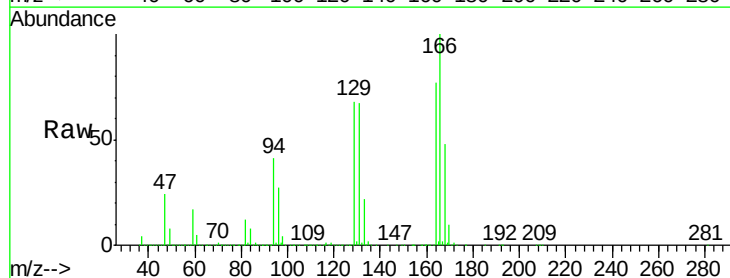
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

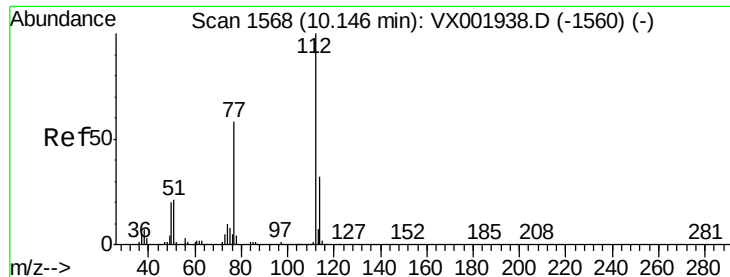
Tgt Ion:117 Resp: 437778
Ion Ratio Lower Upper
117 100
82 53.6 44.8 67.2
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 137.90 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

Tgt Ion:164 Resp: 830910
Ion Ratio Lower Upper
164 100
166 129.7 102.7 154.1
129 88.7 70.3 105.5
131 86.4 68.2 102.4





#65

Chlorobenzene

Concen: 144.20 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

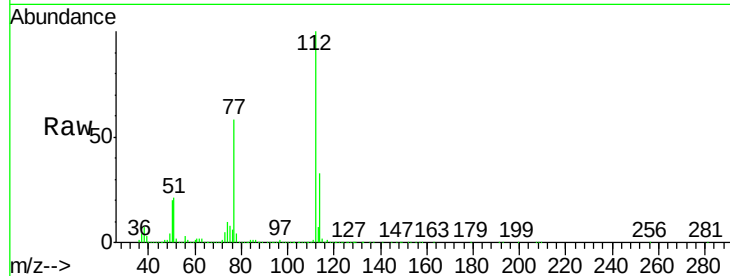
VSTDIC150

Tgt Ion:112 Resp: 1921865

Ion Ratio Lower Upper

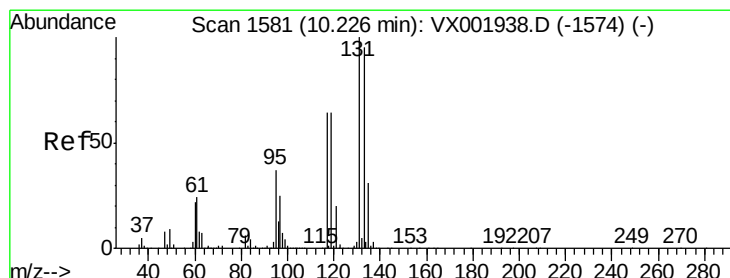
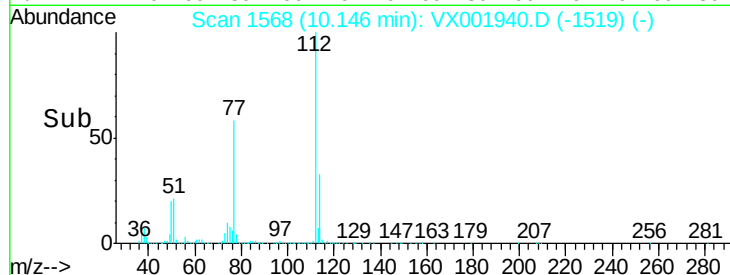
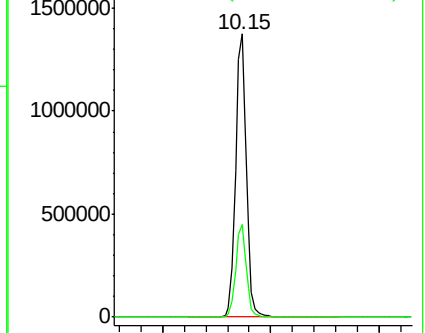
112 100

114 32.7 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: 143.96 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

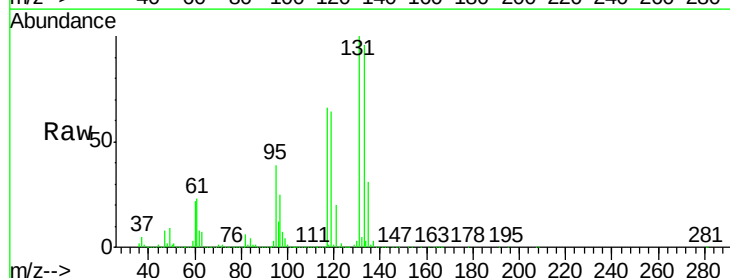
Tgt Ion:131 Resp: 768976

Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.0

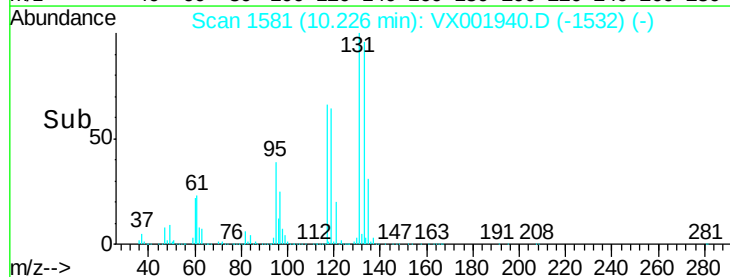
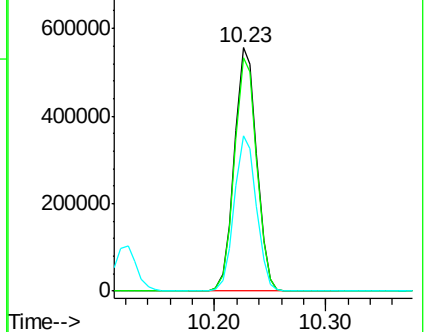
119 63.3 31.9 95.5

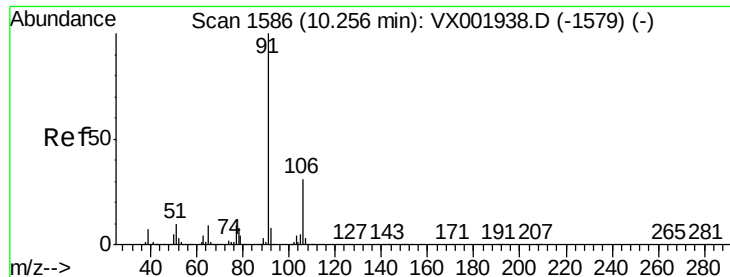


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 140.03 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

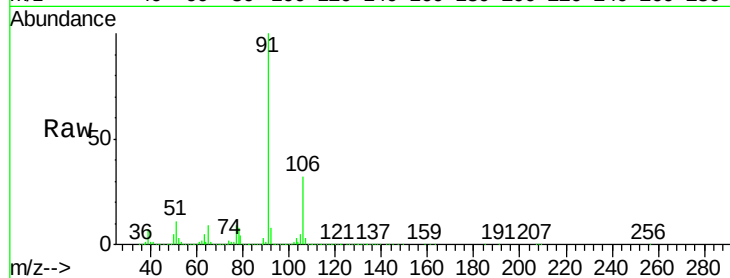
VSTDIC150

Tgt Ion: 91 Resp: 3276901

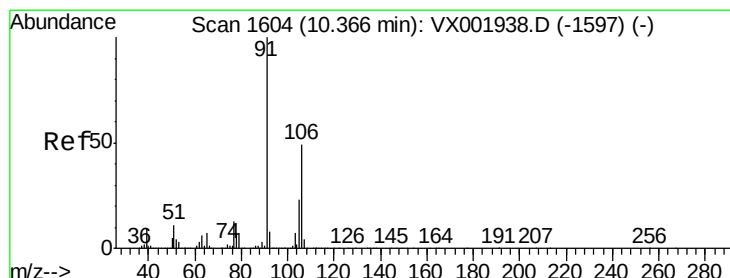
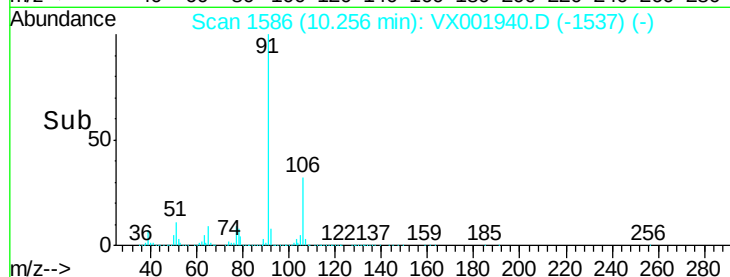
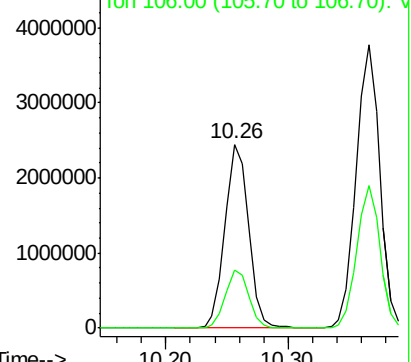
Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1579) (-)



#68

m/p-Xylenes

Concen: 283.96 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001940.D

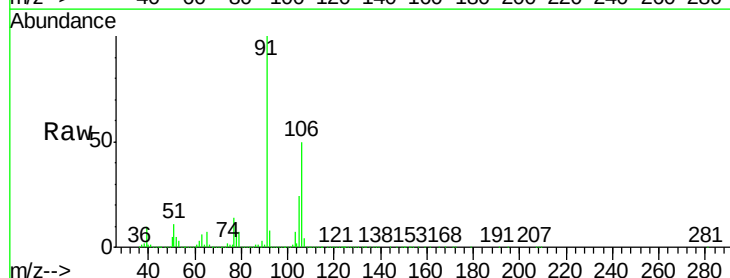
Acq: 24 May 2018 12:39

Tgt Ion: 106 Resp: 2528470

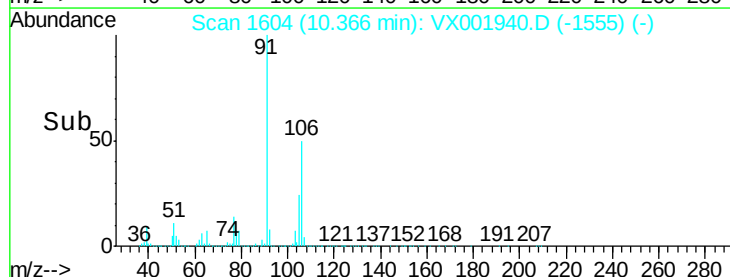
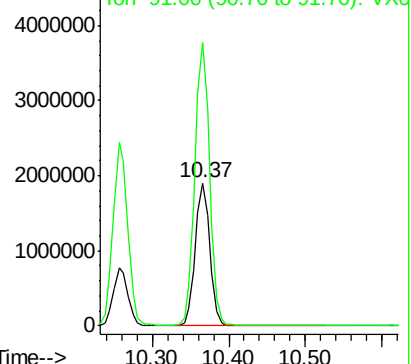
Ion Ratio Lower Upper

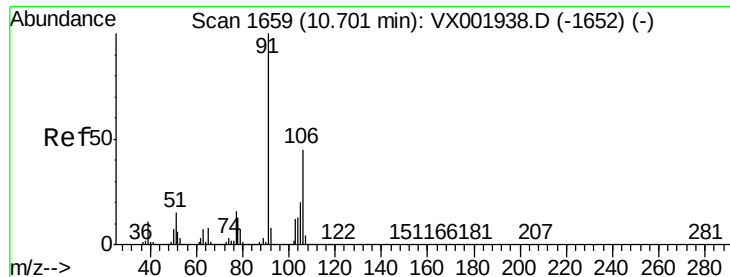
106 100

91 201.4 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): VX001938.D (-1597) (-)

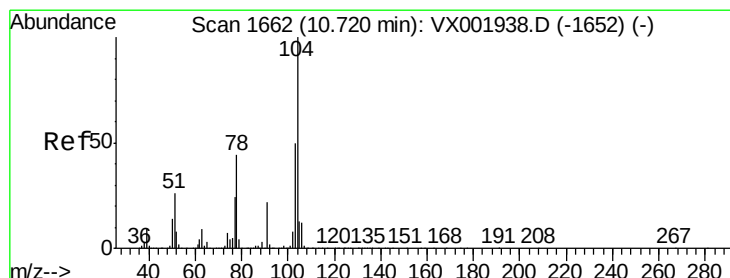
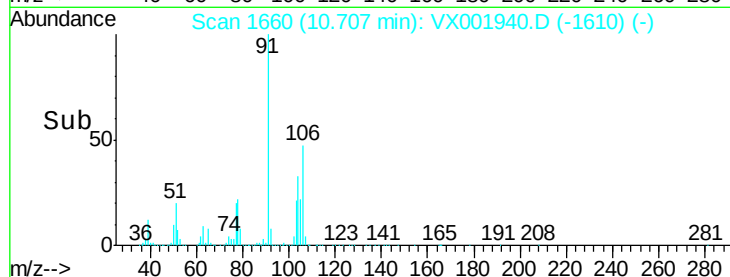
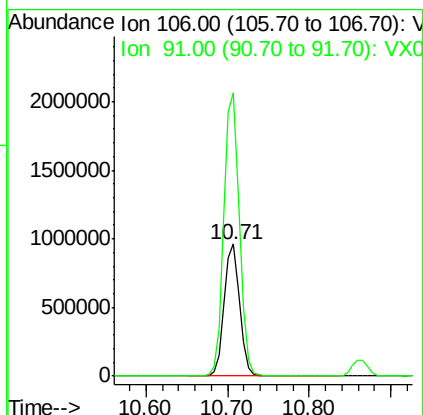
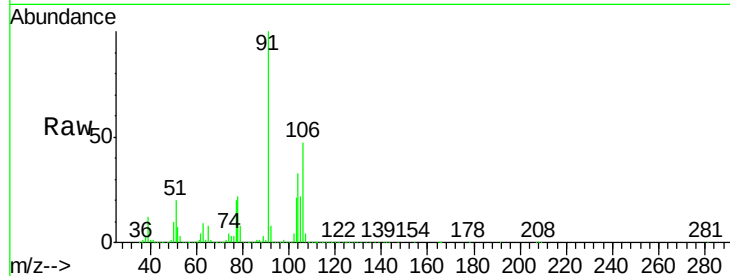




#69
o-Xylene
Concen: 142.87 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

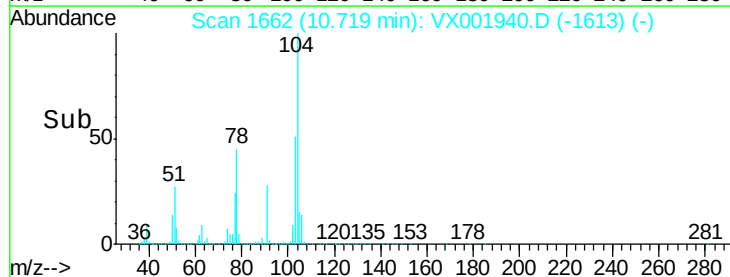
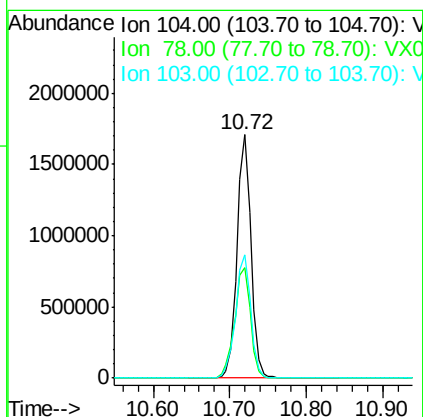
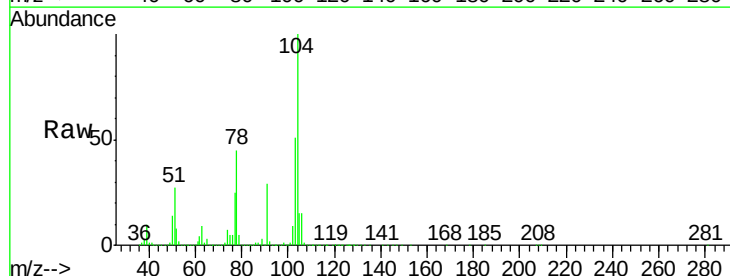
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

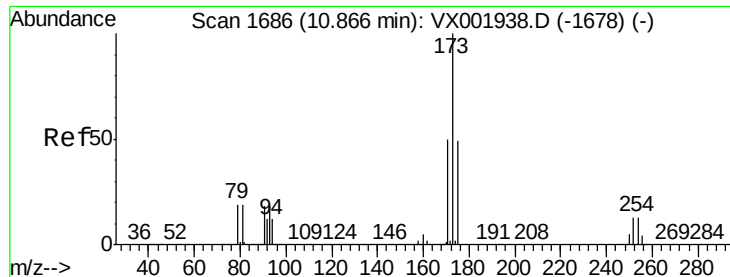
Tgt Ion:106 Resp: 1260455
Ion Ratio Lower Upper
106 100
91 215.9 108.7 325.9



#70
Styrene
Concen: 145.56 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

Tgt Ion:104 Resp: 2156451
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.6
103 55.5 44.6 67.0





#71

Bromoform

Concen: 155.50 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

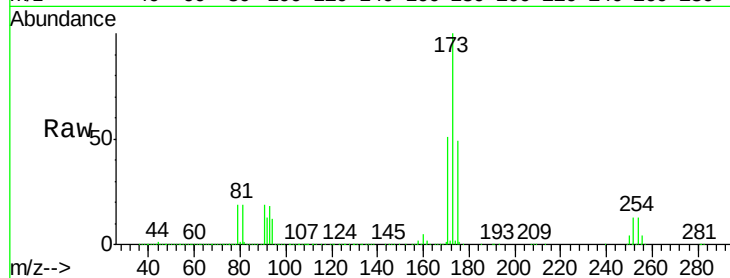
Tgt Ion:173 Resp: 808382

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.9

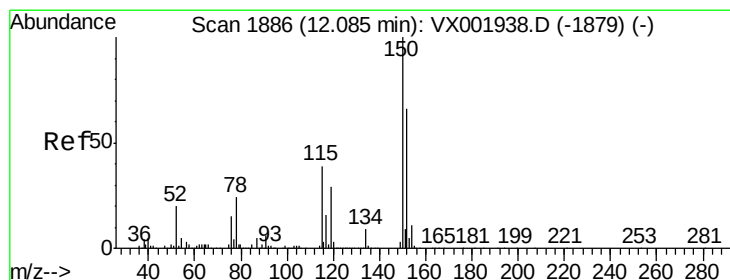
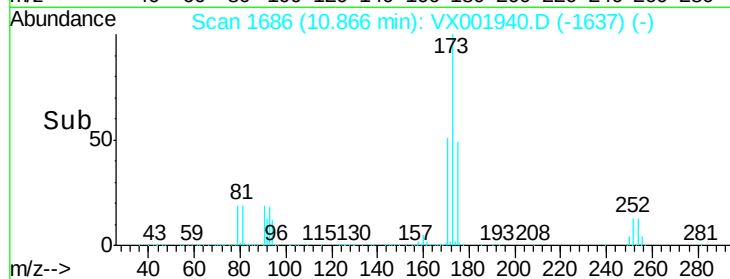
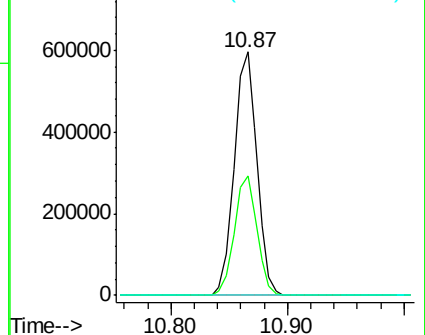
254 0.2 0.1 0.1#



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: VX001940.D

Acq: 24 May 2018 12:39

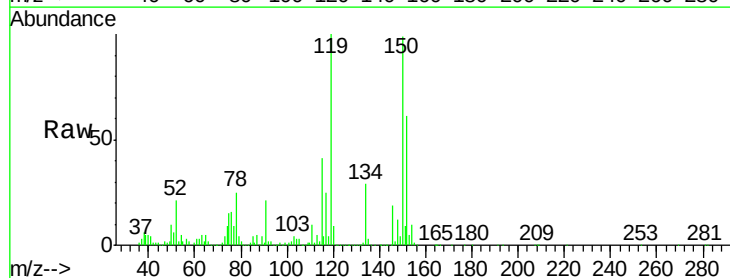
Tgt Ion:152 Resp: 312013

Ion Ratio Lower Upper

152 100

115 133.8 42.3 126.8#

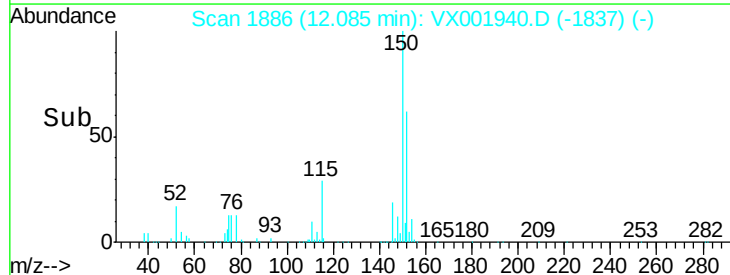
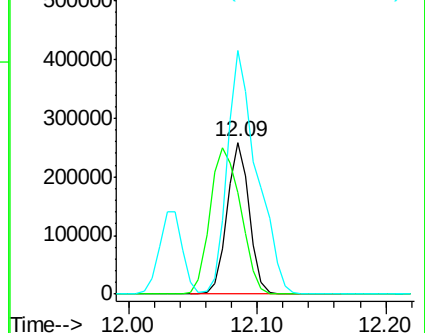
150 213.7 0.0 351.0

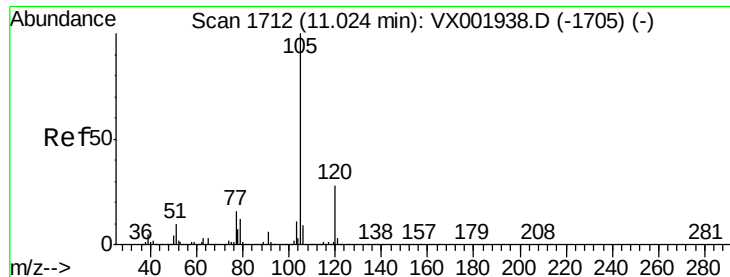


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 133.49 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

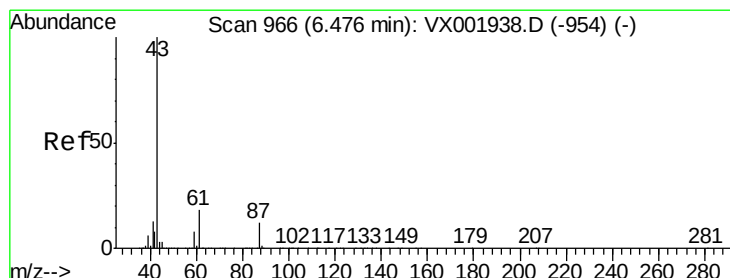
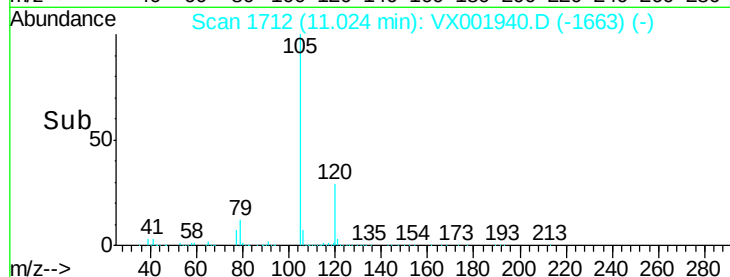
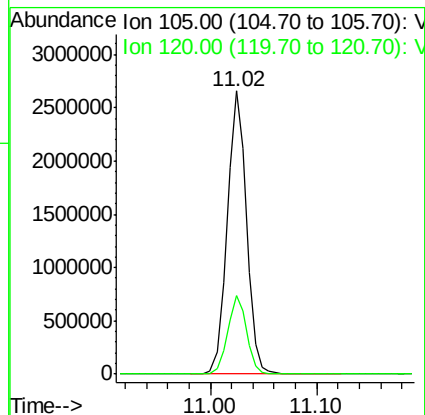
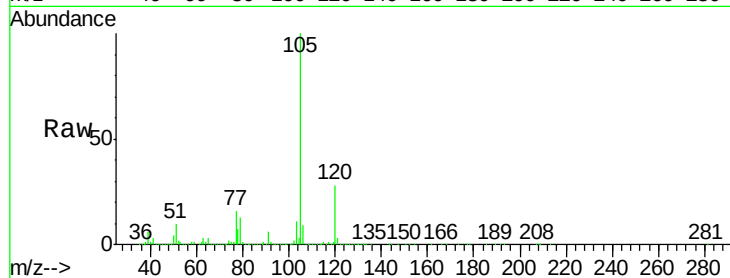
VSTDIC150

Tgt Ion:105 Resp: 3360596

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



#74

N-amyl acetate

Concen: 131.44 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Tgt Ion: 43 Resp: 1947547

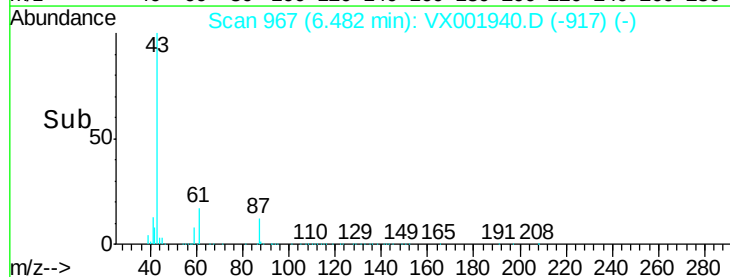
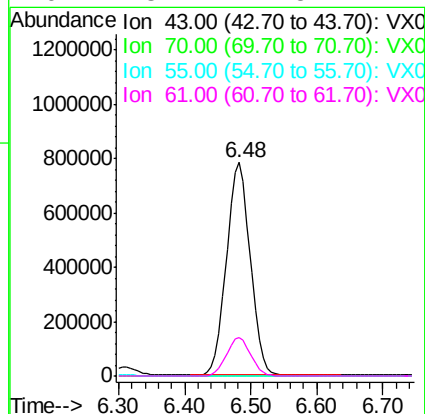
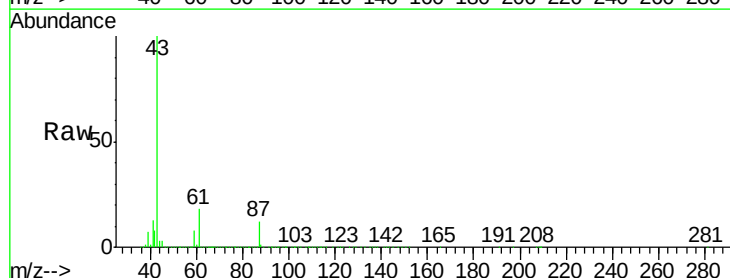
Ion Ratio Lower Upper

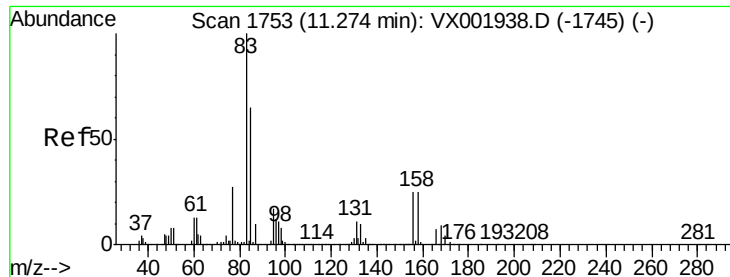
43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1#

61 18.2 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 145.51 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

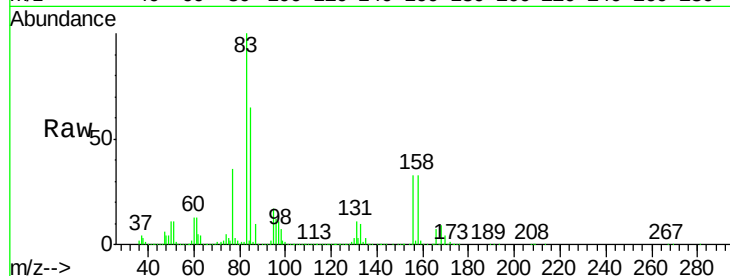
Tgt Ion: 83 Resp: 1070535

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

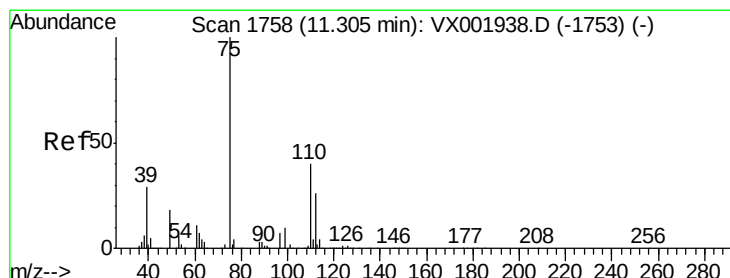
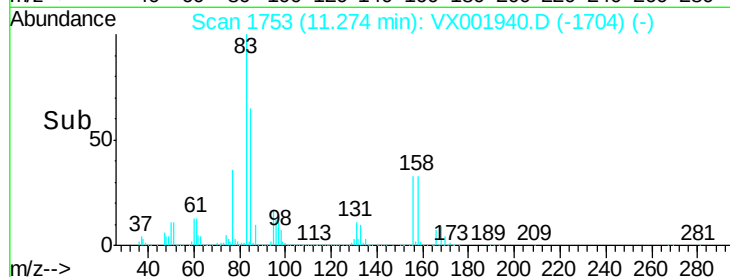
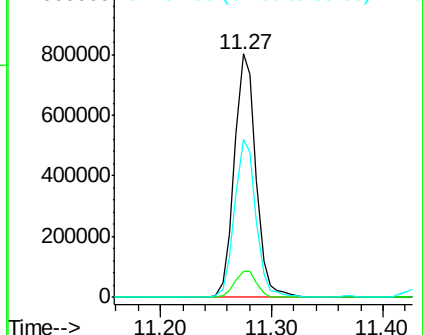
85 64.6 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX001938.D (-1745) (-)

Ion 130.80 (130.50 to 131.50): VX001938.D (-1745) (-)

Ion 84.90 (84.60 to 85.60): VX001938.D (-1745) (-)



#76

1,2,3-Trichloropropane

Concen: 207.02 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001940.D

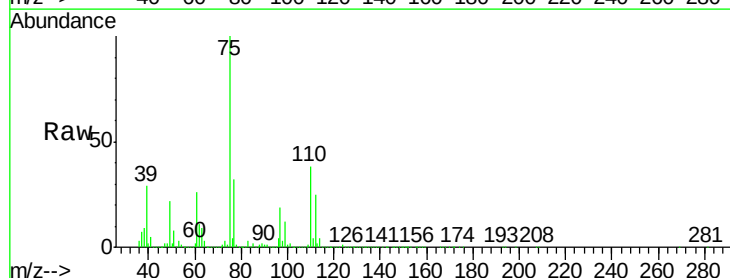
Acq: 24 May 2018 12:39

Tgt Ion: 75 Resp: 1426645

Ion Ratio Lower Upper

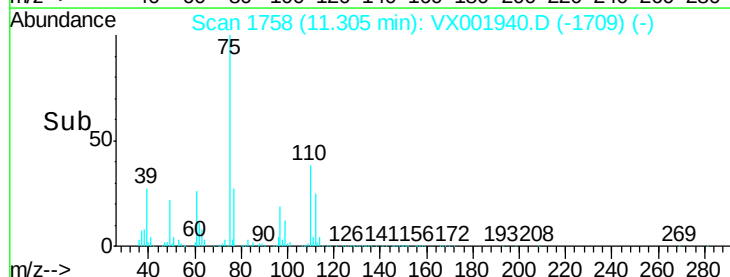
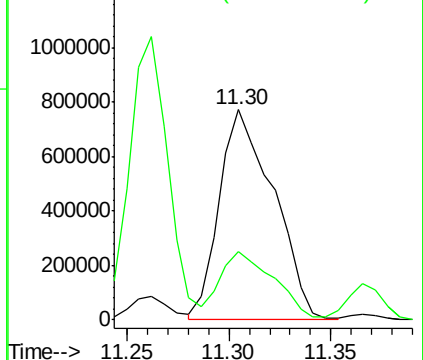
75 100

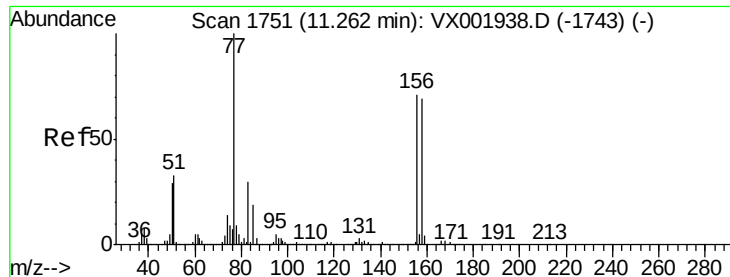
77 32.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX001938.D (-1753) (-)

Ion 77.00 (76.70 to 77.70): VX001938.D (-1753) (-)





#77

Bromobenzene

Concen: 142.24 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

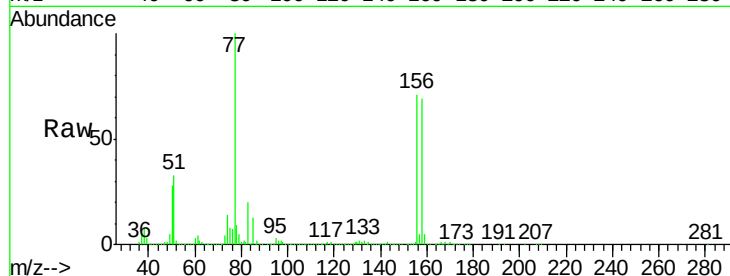
Tgt Ion:156 Resp: 952176

Ion Ratio Lower Upper

156 100

77 144.3 75.2 225.6

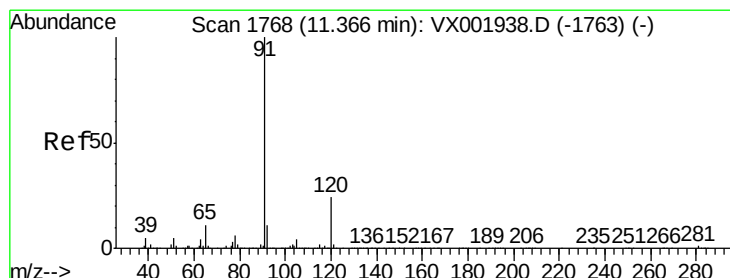
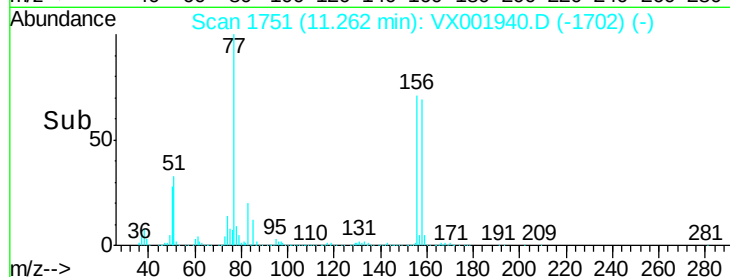
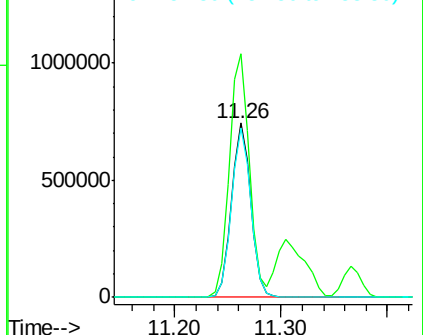
158 97.9 48.6 145.8



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: 133.15 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001940.D

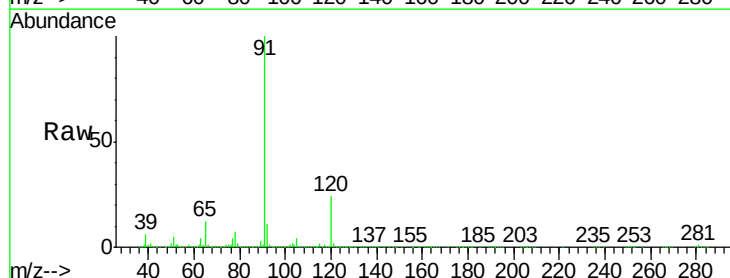
Acq: 24 May 2018 12:39

Tgt Ion: 91 Resp: 3804554

Ion Ratio Lower Upper

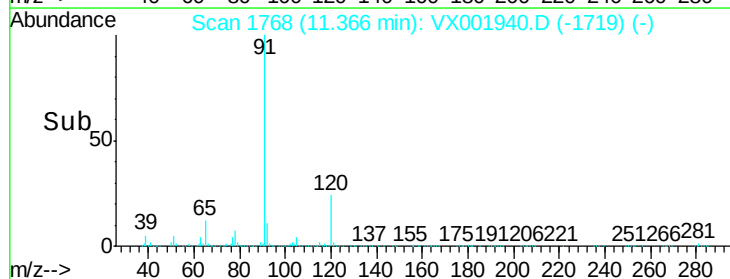
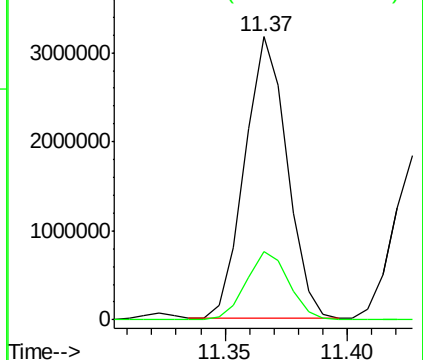
91 100

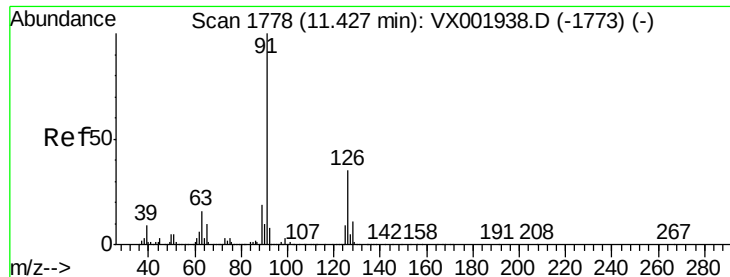
120 24.5 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

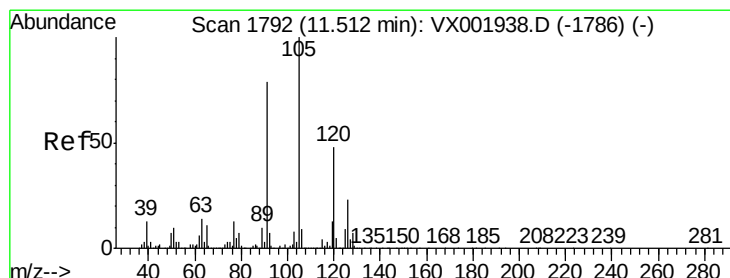
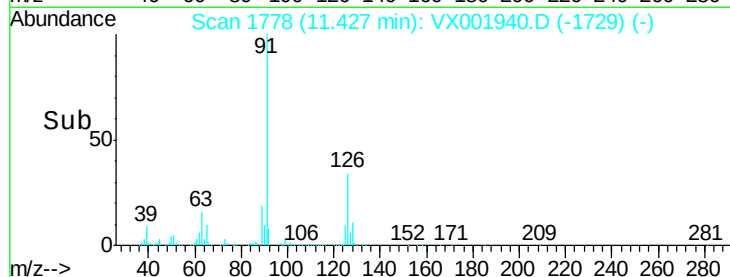
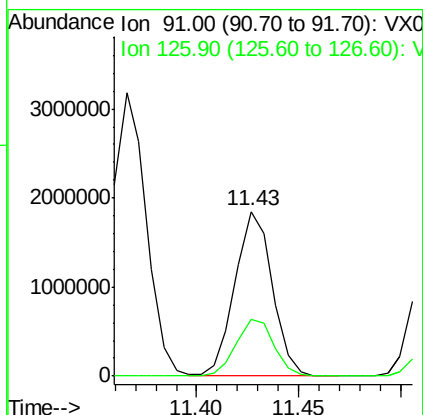
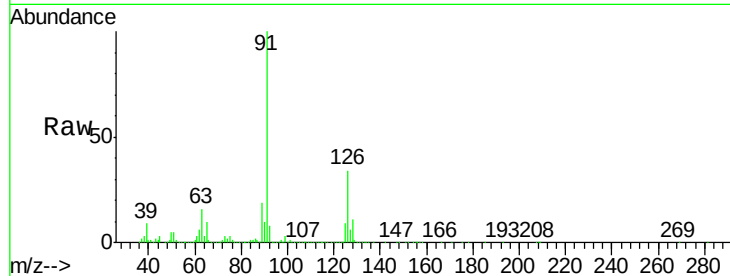




#79
 2-Chlorotoluene
 Concen: 136.38 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

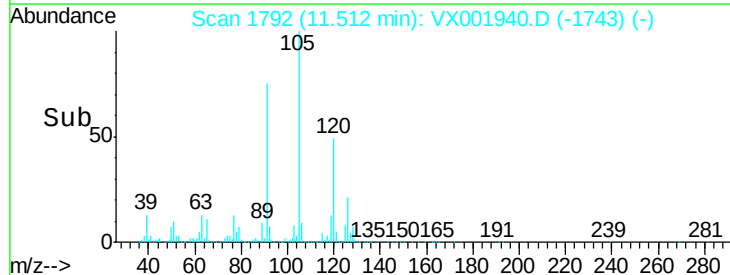
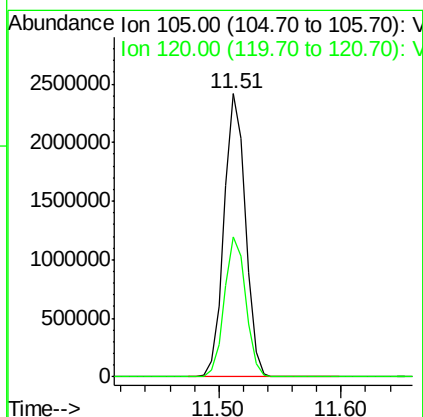
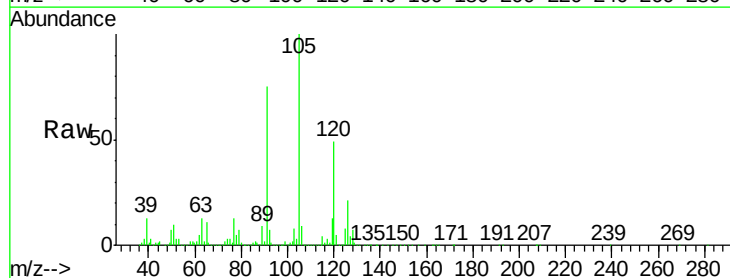
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

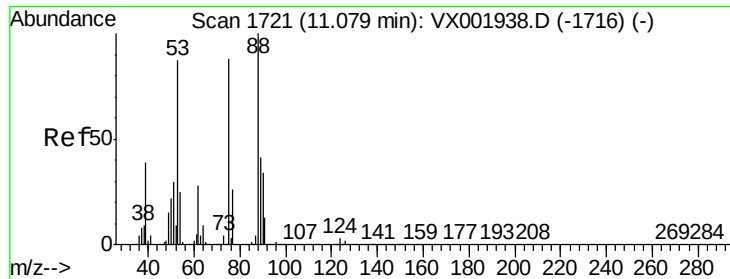
Tgt Ion: 91 Resp: 2334493
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 135.84 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

Tgt Ion: 105 Resp: 2915706
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 141.96 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

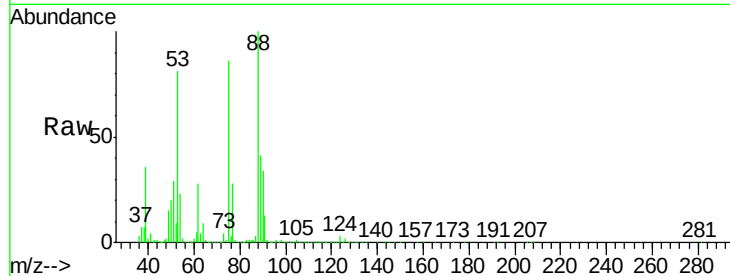
Tgt Ion: 75 Resp: 411330

Ion Ratio Lower Upper

75 100

53 96.3 78.0 117.0

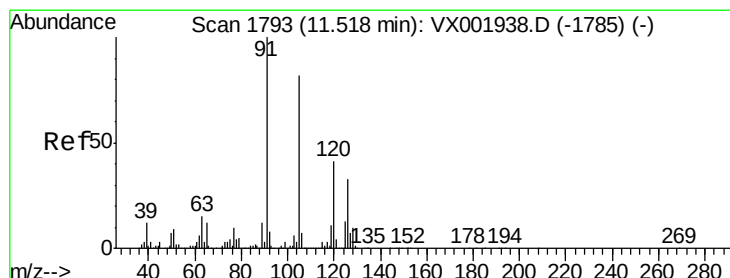
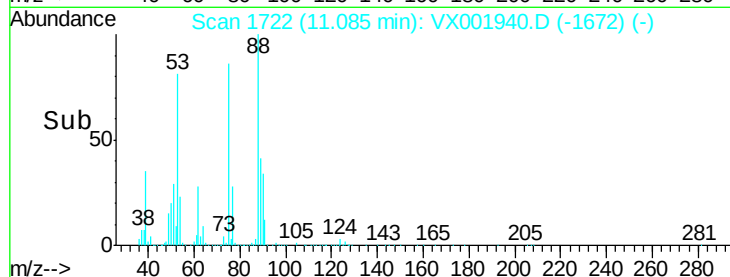
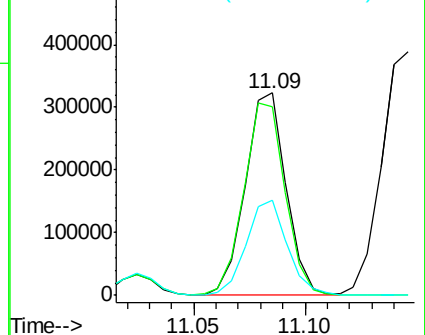
89 47.9 39.4 59.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 137.71 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001940.D

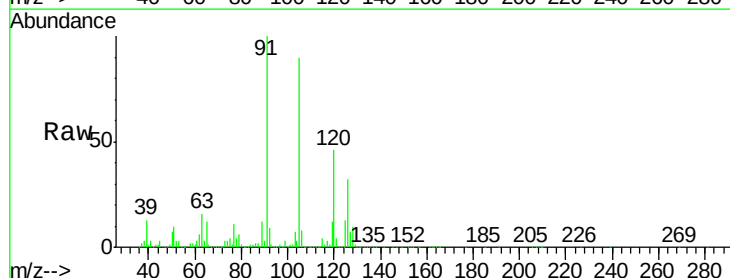
Acq: 24 May 2018 12:39

Tgt Ion: 91 Resp: 2749621

Ion Ratio Lower Upper

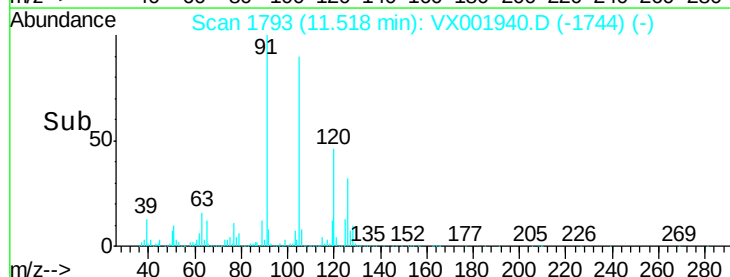
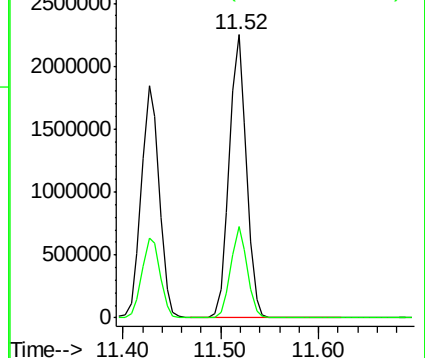
91 100

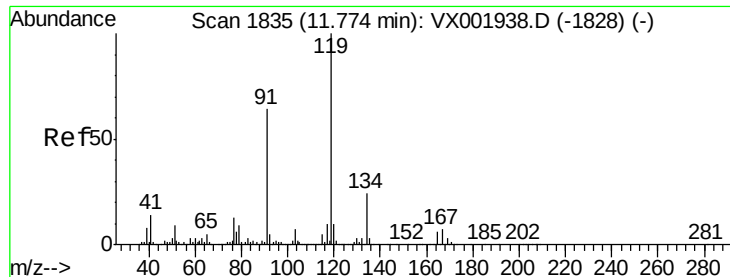
126 30.9 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 139.74 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

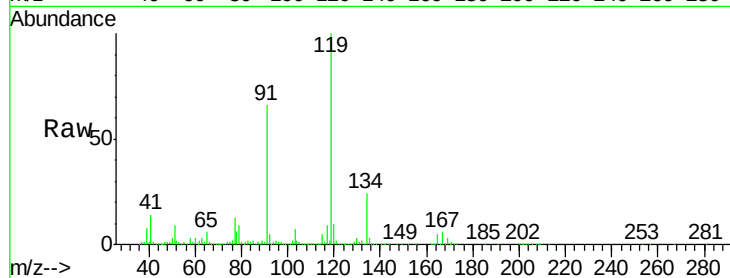
Tgt Ion:119 Resp: 2910492

Ion Ratio Lower Upper

119 100

91 59.0 30.6 91.8

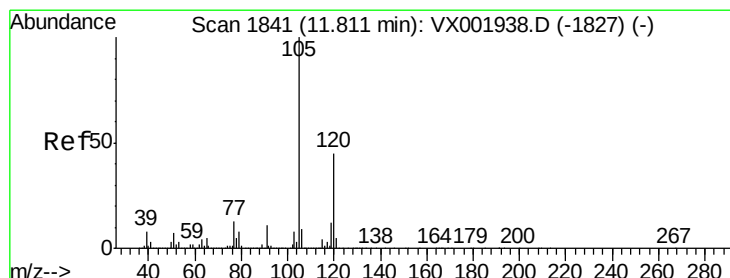
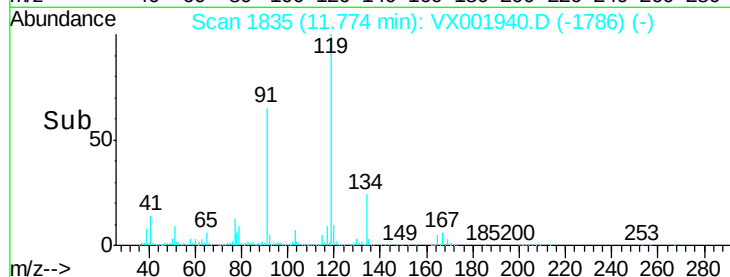
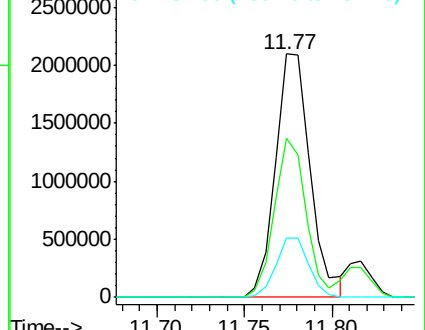
134 23.2 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 136.98 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VX001940.D

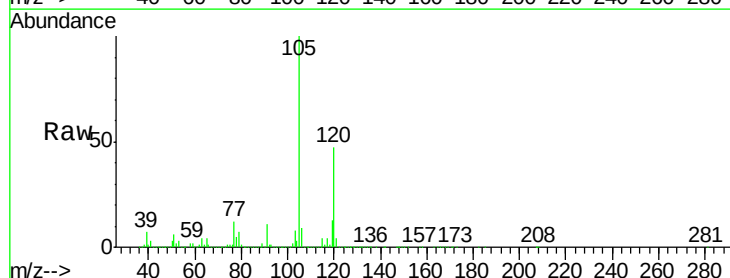
Acq: 24 May 2018 12:39

Tgt Ion:105 Resp: 3017530

Ion Ratio Lower Upper

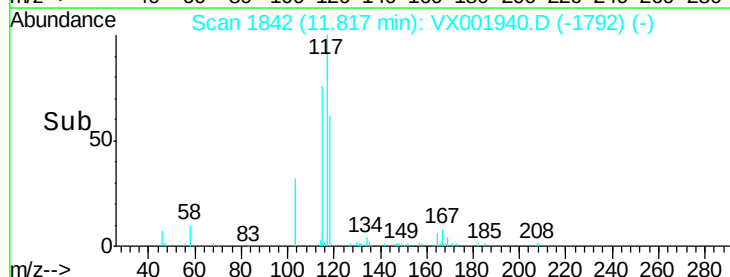
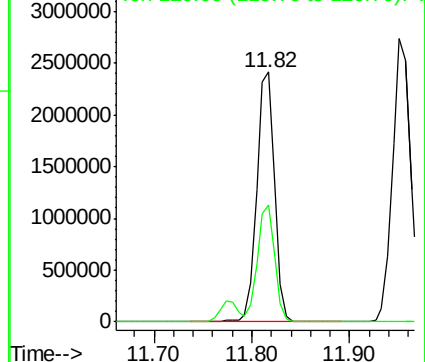
105 100

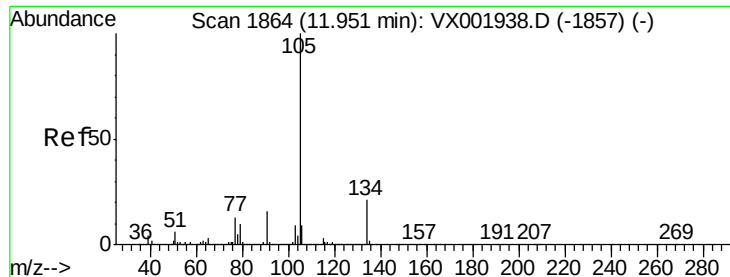
120 45.2 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 136.18 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

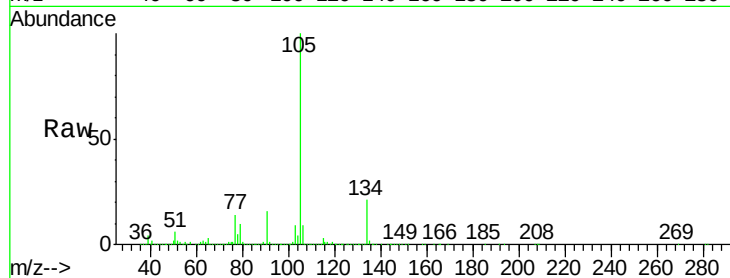
VSTDIC150

Tgt Ion:105 Resp: 3474590

Ion Ratio Lower Upper

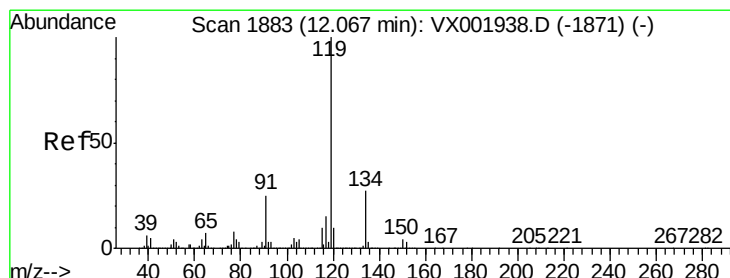
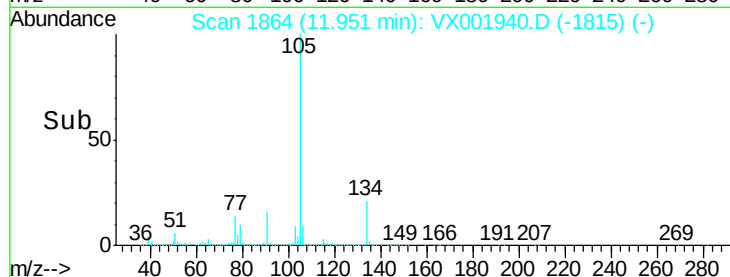
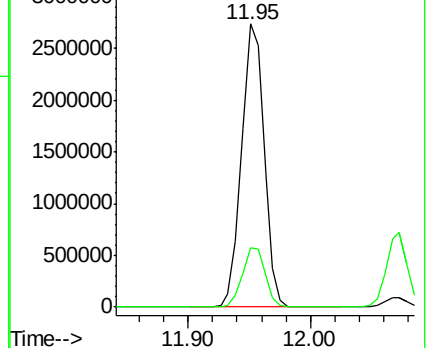
105 100

134 21.2 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: 138.99 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

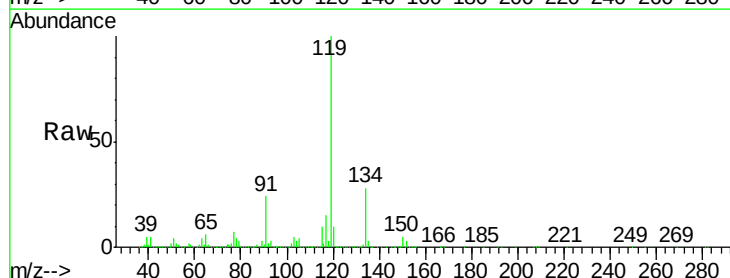
Tgt Ion:119 Resp: 3183528

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

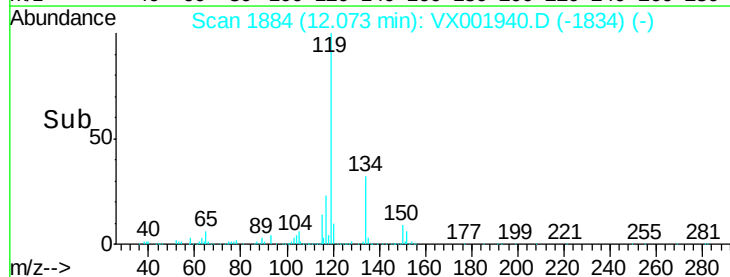
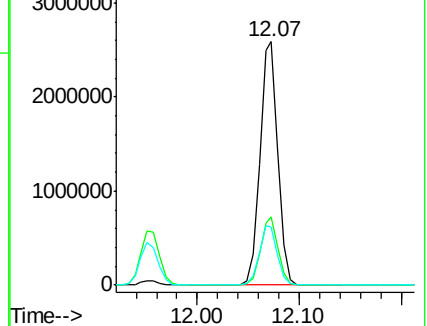
91 24.2 12.2 36.4

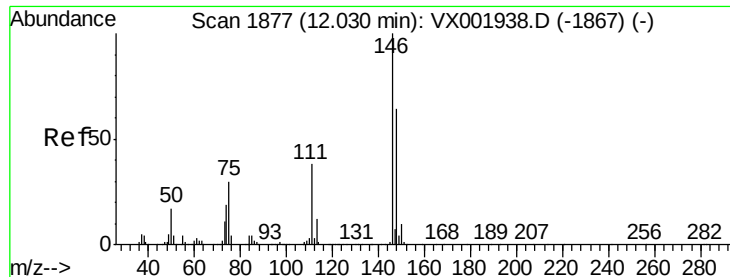


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

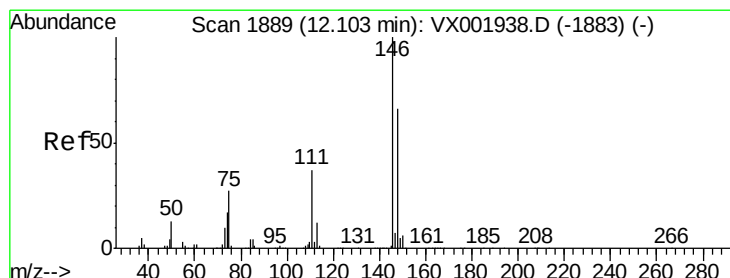
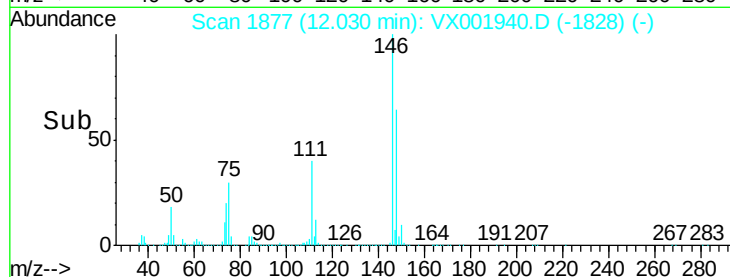
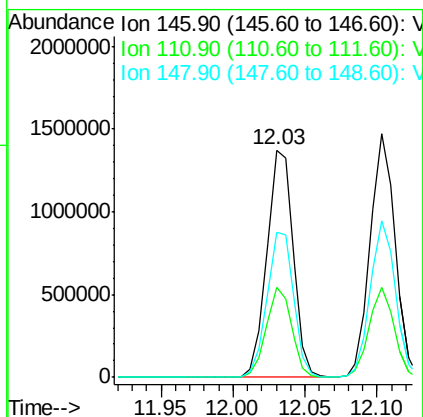
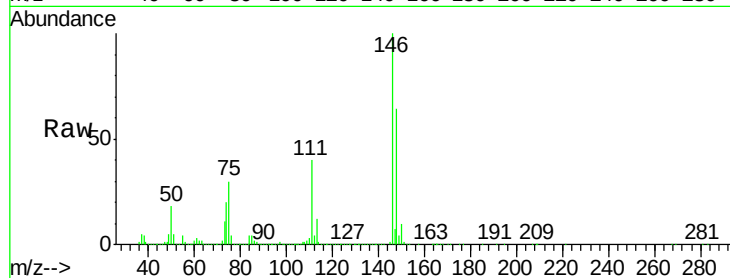




#87
 1,3-Dichlorobenzene
 Concen: 145.28 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

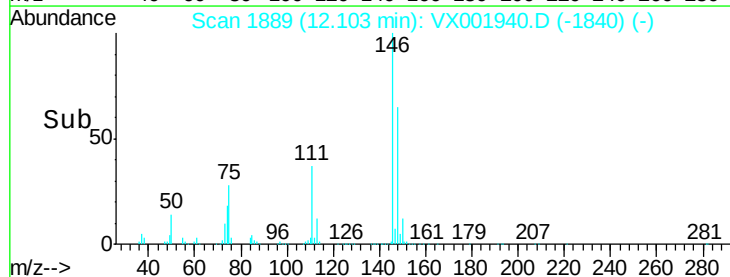
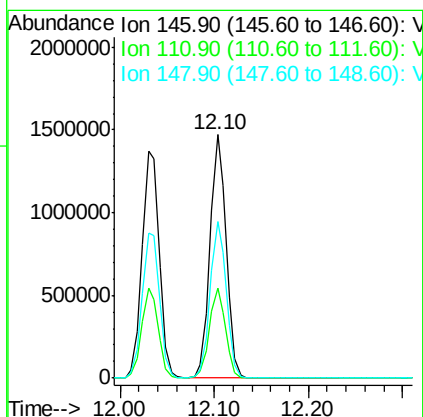
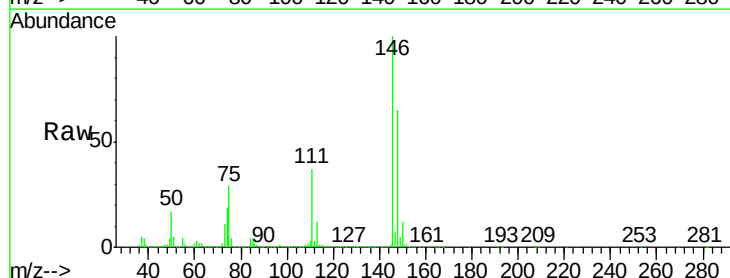
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

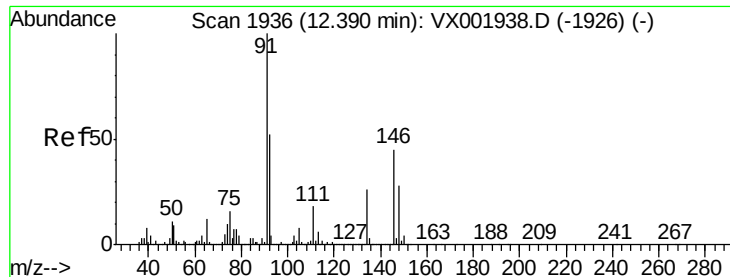
Tgt Ion:146 Resp: 1735598
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.3 57.8
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 145.11 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

Tgt Ion:146 Resp: 1744353
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.9 56.5
 148 64.6 32.3 96.8





#89

n-Butylbenzene

Concen: 140.95 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.01 min

Lab File: VX001940.D

Acq: 24 May 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

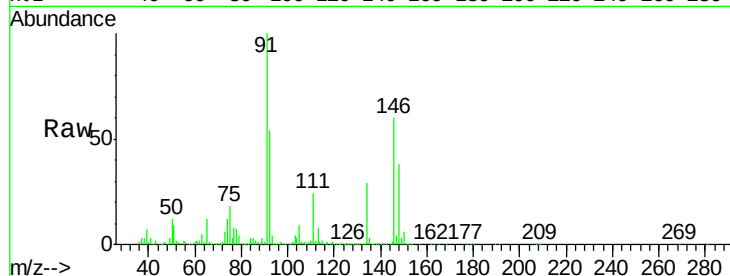
Tgt Ion: 91 Resp: 2804548

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

134 28.1 13.6 40.7

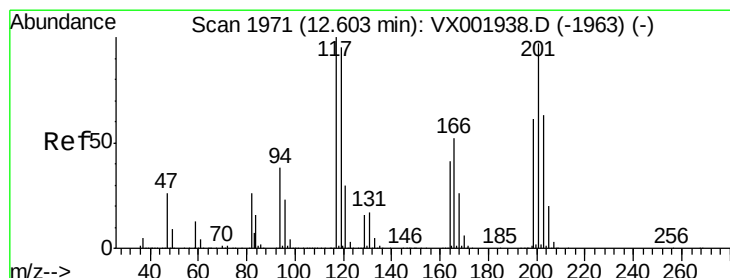
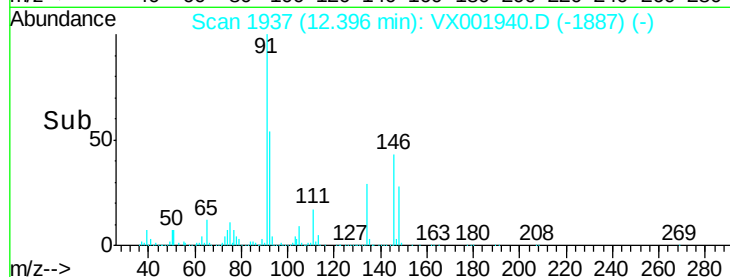


Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1926) (-)

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

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

Time-->



#90

Hexachloroethane

Concen: 140.10 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001940.D

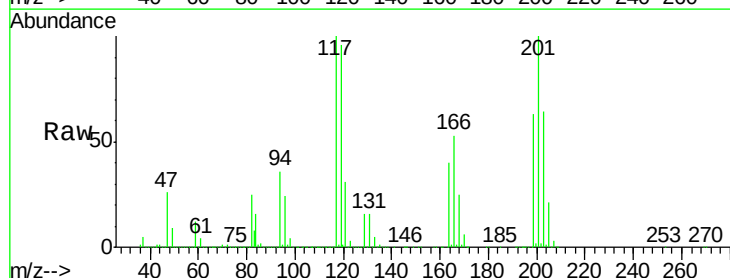
Acq: 24 May 2018 12:39

Tgt Ion: 117 Resp: 628801

Ion Ratio Lower Upper

117 100

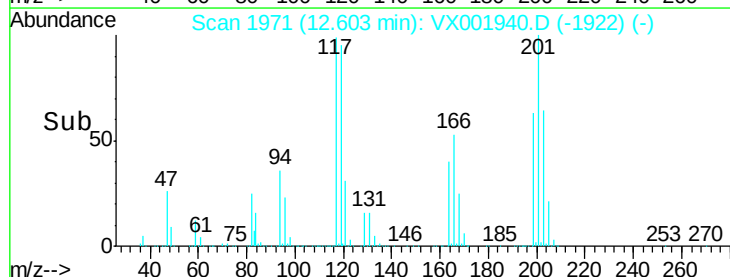
201 99.4 48.0 144.0

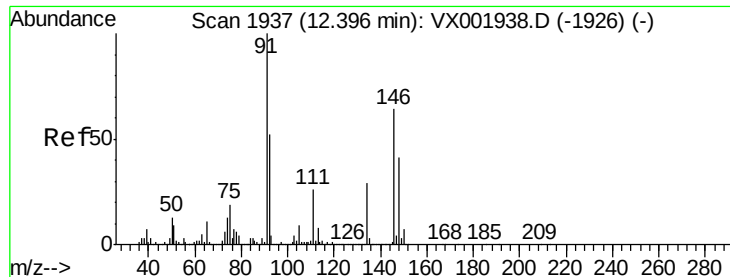


Abundance Ion 116.80 (116.50 to 117.50): VX001938.D (-1963) (-)

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

Time-->

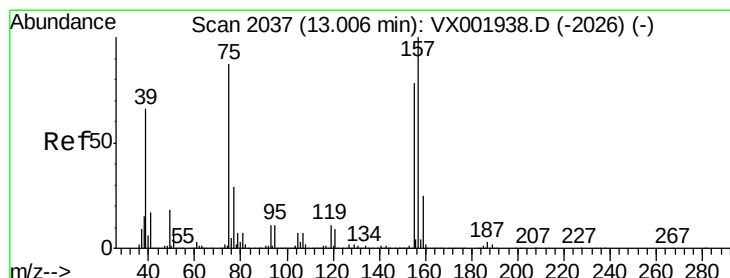
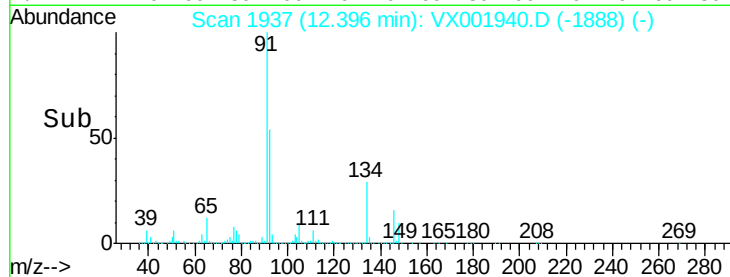
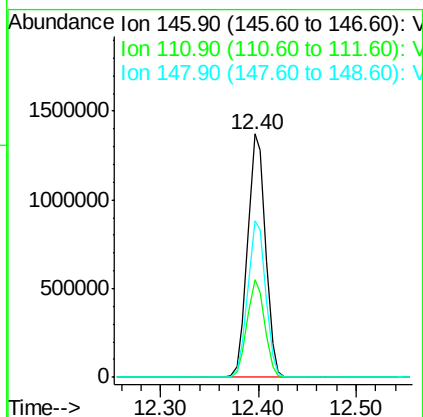
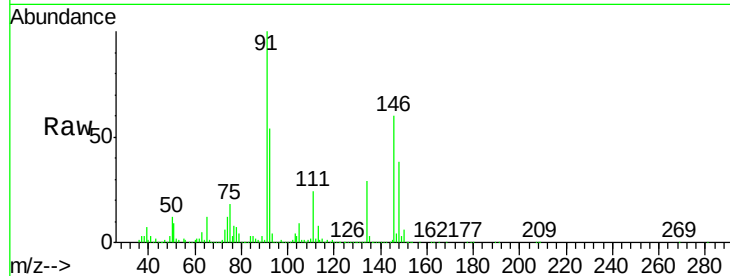




#91
 1,2-Dichlorobenzene
 Concen: 141.95 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

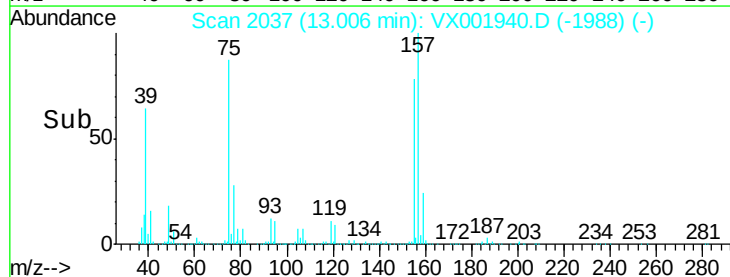
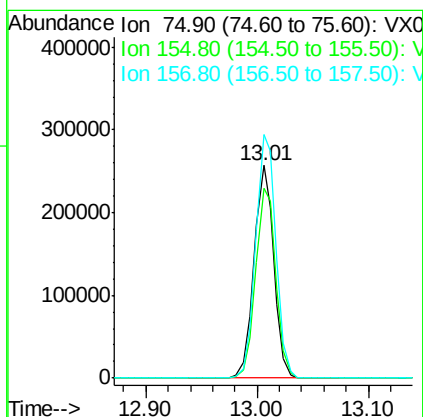
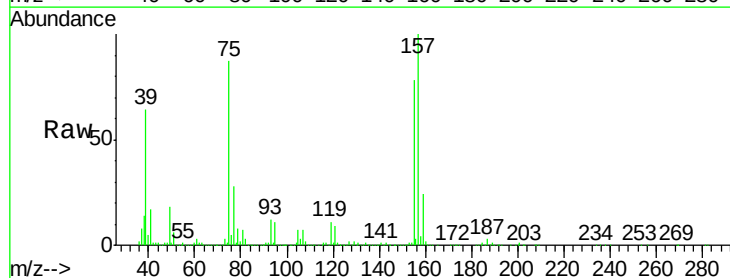
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

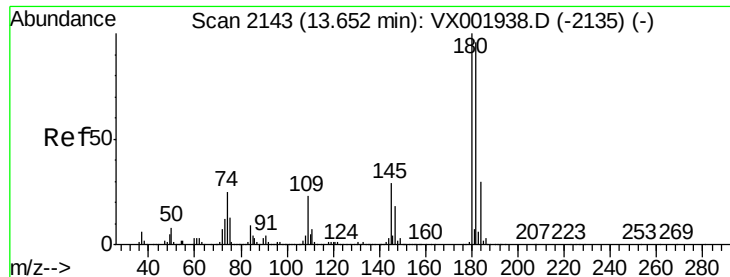
Tgt Ion:146 Resp: 1740358
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.8 59.3
 148 64.5 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 140.77 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

Tgt Ion: 75 Resp: 315720
 Ion Ratio Lower Upper
 75 100
 155 91.6 45.1 135.2
 157 117.9 58.1 174.2

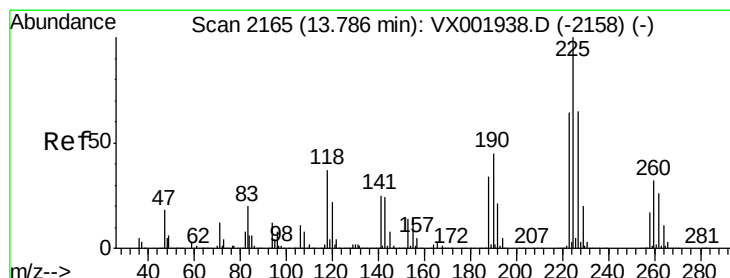
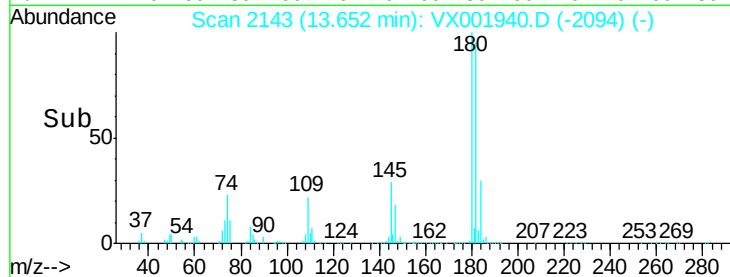
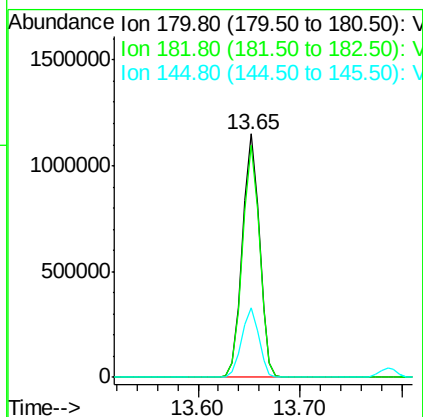
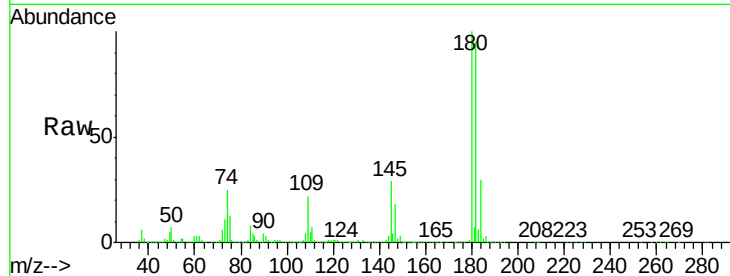




#93
 1,2,4-Trichlorobenzene
 Concen: 148.00 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

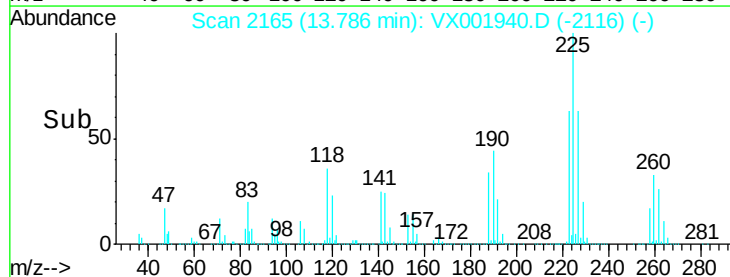
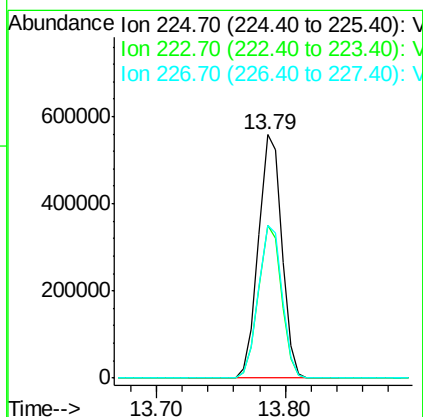
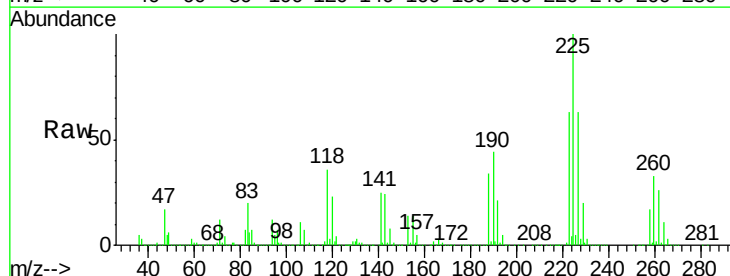
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

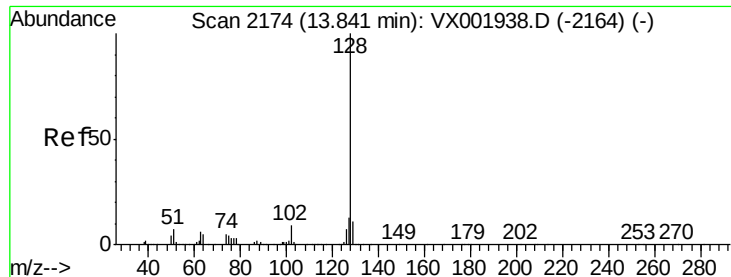
Tgt Ion:180 Resp: 1326933
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.7 143.1
 145 28.7 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 145.01 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001940.D
 Acq: 24 May 2018 12:39

Tgt Ion:225 Resp: 694556
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.1 93.5
 227 63.6 32.1 96.5

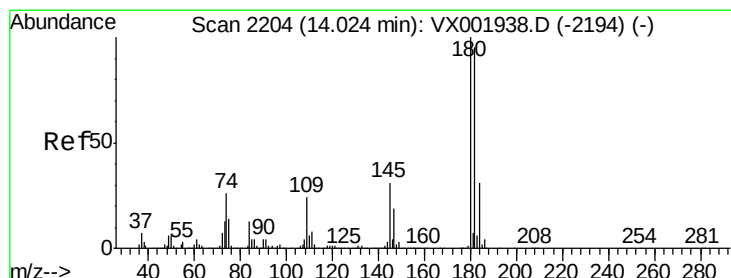
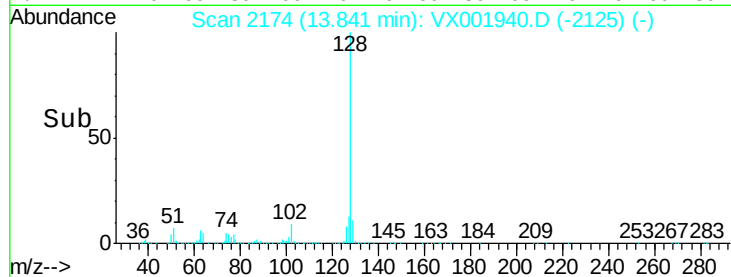
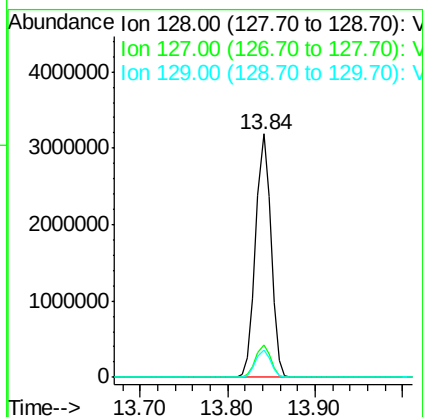
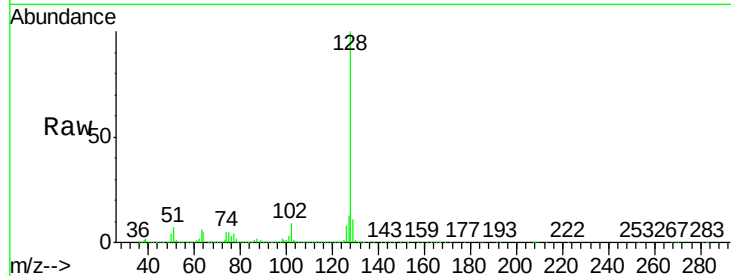




#95
Naphthalene
Concen: 139.85 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 3846059
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 144.68 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001940.D
Acq: 24 May 2018 12:39

Tgt Ion:180 Resp: 1332296
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 30.4 15.1 45.3

