

Data File : VX001139.D

Acq On : 26 Apr 2018 18:46

Operator : JC/MD

Sample : VSTDICC100

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Apr 27 01:24:30 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:18:12 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	323421	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	339157	110.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.14%	
35) Dibromofluoromethane	5.51	113	273636	109.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.24%	
50) Toluene-d8	8.73	98	1020218	110.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.60%	
62) 4-Bromofluorobenzene	11.15	95	414236	107.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	242248	87.03	ug/l	98
3) Chloromethane	1.32	50	242267	90.94	ug/l	100
4) Vinyl Chloride	1.40	62	258619	92.65	ug/l	100
5) Bromomethane	1.64	94	164701	95.05	ug/l	100
6) Chloroethane	1.71	64	168750	100.08	ug/l	99
7) Trichlorofluoromethane	1.92	101	430679	101.65	ug/l	100
8) Diethyl Ether	2.19	74	162747	102.34	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	239692	97.31	ug/l	99
10) Methyl Iodide	2.51	142	267416	127.94	ug/l	99
11) Tert butyl alcohol	3.10	59	350424	684.66	ug/l	99
12) 1,1-Dichloroethene	2.37	96	227579	99.00	ug/l	100
13) Acrolein	2.30	56	132101	764.94	ug/l	98
14) Allyl chloride	2.73	41	443149	105.32	ug/l	99
15) Acrylonitrile	3.16	53	748371	586.71	ug/l	100
16) Acetone	2.46	43	685292	577.12	ug/l	100
17) Carbon Disulfide	2.57	76	619986	95.83	ug/l	99
18) Methyl Acetate	2.79	43	368529	106.99	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	845123	106.94	ug/l	99
20) Methylene Chloride	2.85	84	256579	96.55	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	250382	97.33	ug/l	98
22) Diisopropyl ether	3.89	45	870016	106.85	ug/l	99
23) Vinyl Acetate	3.84	43	3848568	563.26	ug/l	100
24) 1,1-Dichloroethane	3.70	63	437417	96.73	ug/l	100
25) 2-Butanone	4.73	43	1079558	585.48	ug/l	100
26) 2,2-Dichloropropane	4.59	77	364042	95.13	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	283132	98.94	ug/l	99
28) Bromochloromethane	5.03	49	197875	109.75	ug/l	99
29) Tetrahydrofuran	5.18	42	698932	599.00	ug/l	99
30) Chloroform	5.23	83	487272	103.43	ug/l	98
31) Cyclohexane	5.58	56	387386	93.10	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	434679	103.55	ug/l	99
36) 1,1-Dichloropropene	5.81	75	351148	93.71	ug/l	99
37) Ethyl Acetate	4.88	43	422324	117.11	ug/l	100
38) Carbon Tetrachloride	5.79	117	385794	101.45	ug/l	99

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Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:18:12 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	410642	94.94	ug/l	99
40) Benzene	6.15	78	1042079	98.96	ug/l	99
41) Methacrylonitrile	5.08	41	238409	107.10	ug/l	99
42) 1,2-Dichloroethane	6.21	62	413951	101.44	ug/l	100
43) Isopropyl Acetate	6.48	43	699508	114.28	ug/l	100
44) Trichloroethene	7.22	130	309027	96.60	ug/l	100
45) 1,2-Dichloropropane	7.52	63	272496	102.46	ug/l	99
46) Dibromomethane	7.67	93	192757	103.28	ug/l	99
47) Bromodichloromethane	7.91	83	373372	108.65	ug/l	99
48) Methyl methacrylate	7.79	41	366598	111.73	ug/l	100
49) 1,4-Dioxane	7.77	88	148316	2837.94	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	2304193	610.48	ug/l	100
52) Toluene	8.79	92	692423	100.85	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	446950	109.04	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	436655	113.06	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	290103	105.21	ug/l	100
56) Ethyl methacrylate	9.19	69	463973	113.97	ug/l	98
57) 1,3-Dichloropropane	9.38	76	465207	101.97	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1017890	517.12	ug/l	99
59) 2-Hexanone	9.51	43	1816062	625.76	ug/l	99
60) Dibromochloromethane	9.59	129	336221	116.53	ug/l	100
61) 1,2-Dibromoethane	9.68	107	316345	108.39	ug/l	99
64) Tetrachloroethene	9.34	164	312444	94.81	ug/l	98
65) Chlorobenzene	10.15	112	816926	98.79	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	311054	109.33	ug/l	99
67) Ethyl Benzene	10.26	91	1361475	99.51	ug/l	99
68) m/p-Xylenes	10.37	106	1085309	201.27	ug/l	100
69) o-Xylene	10.71	106	530836	101.80	ug/l	99
70) Styrene	10.72	104	906159	105.57	ug/l	99
71) Bromoform	10.87	173	295640	125.74	ug/l	100
73) Isopropylbenzene	11.02	105	1418892	99.87	ug/l	100
74) N-amyl acetate	6.48	43	699508	111.53	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	476974	115.60	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	562690	144.39	ug/l	90
77) Bromobenzene	11.26	156	416914	100.77	ug/l	100
78) n-propylbenzene	11.37	91	1587833	97.41	ug/l	99
79) 2-Chlorotoluene	11.43	91	961614	99.41	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1226304	101.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	141265	130.28	ug/l	96
82) 4-Chlorotoluene	11.52	91	1165313	99.75	ug/l	99
83) tert-Butylbenzene	11.77	119	1239051	101.97	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1257319	101.05	ug/l	99
85) sec-Butylbenzene	11.95	105	1420079	98.23	ug/l	99
86) p-Isopropyltoluene	12.07	119	1331597	99.41	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	754251	97.83	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	773105	97.45	ug/l	99
89) n-Butylbenzene	12.40	91	1177122	99.18	ug/l	99
90) Hexachloroethane	12.60	117	214180	113.23	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	765001	101.88	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	114497	129.81	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042618\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:18:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	599736	96.14	ug/l	100
94) Hexachlorobutadiene	13.79	225	285550	100.41	ug/l	99
95) Naphthalene	13.84	128	1708885	109.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	601908	99.17	ug/l	99

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

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ALS Vial : 7 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

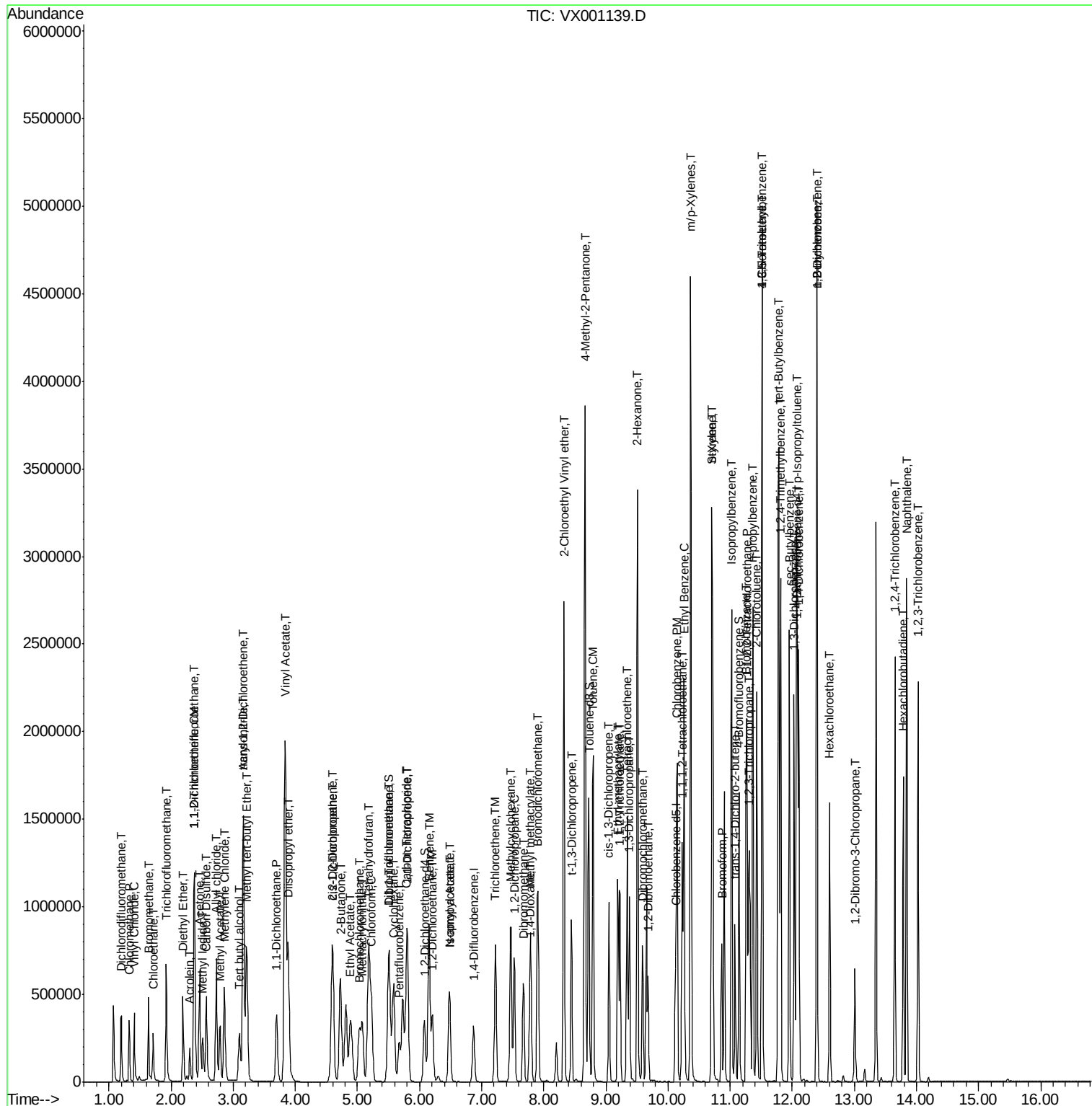
Quant Time: Apr 27 01:24:30 2018

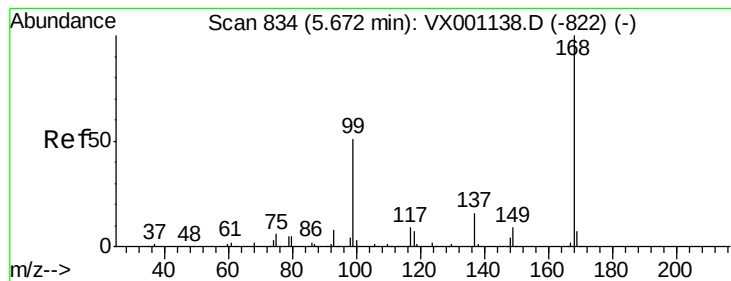
Quant Method : W:\HPCHEM1\MSV0A_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:18:12 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

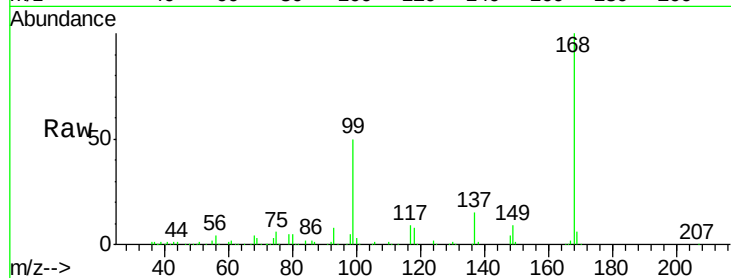
VSTDIC100

Tgt Ion:168 Resp: 236126

Ion Ratio Lower Upper

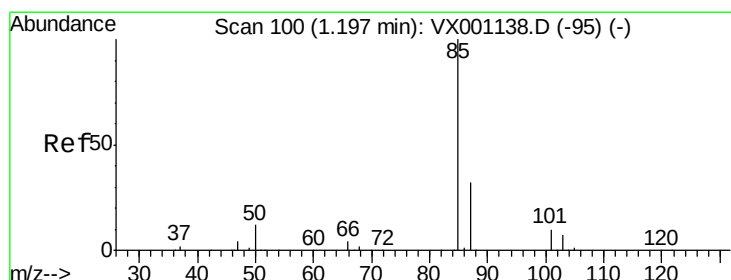
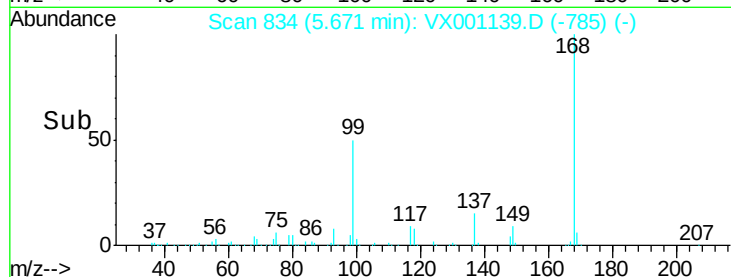
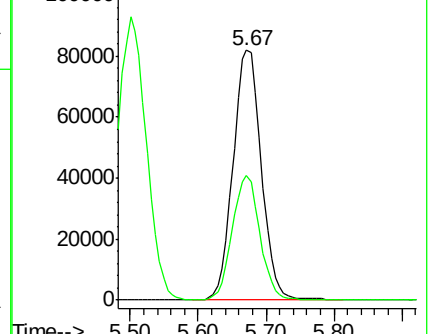
168 100

99 49.7 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 87.03 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001139.D

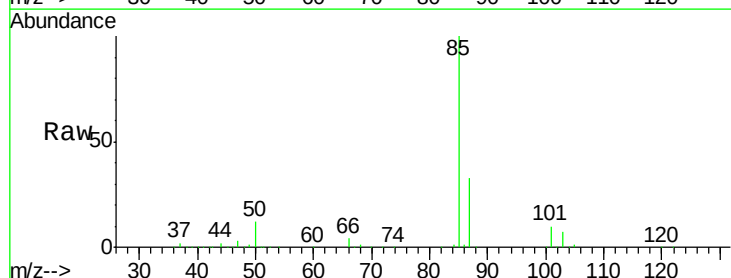
Acq: 26 Apr 2018 18:46

Tgt Ion: 85 Resp: 242248

Ion Ratio Lower Upper

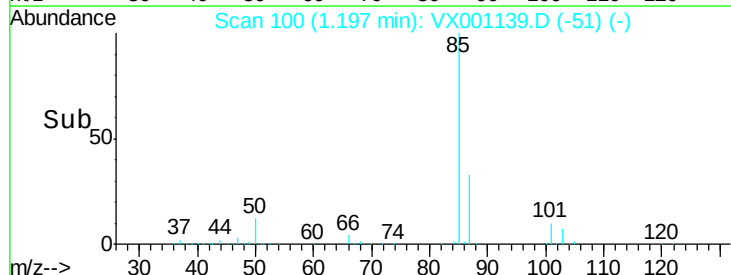
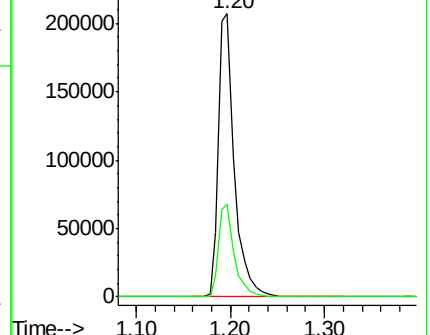
85 100

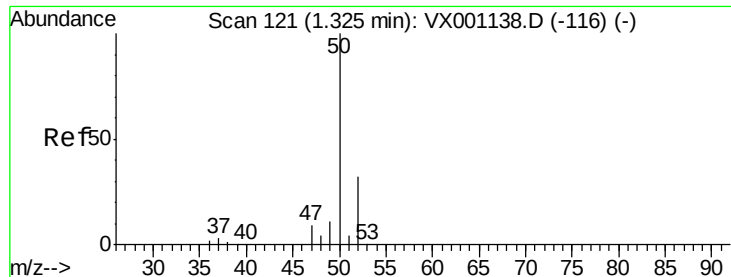
87 32.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 90.94 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

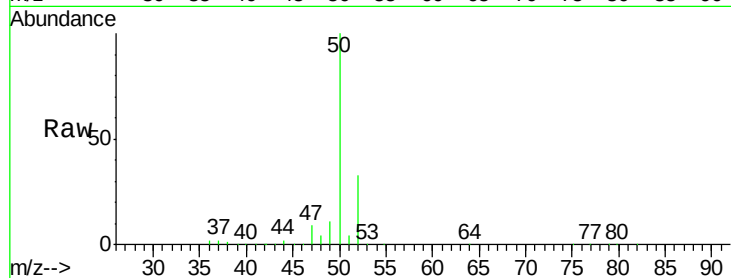
VSTDIC100

Tgt Ion: 50 Resp: 242267

Ion Ratio Lower Upper

50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200000

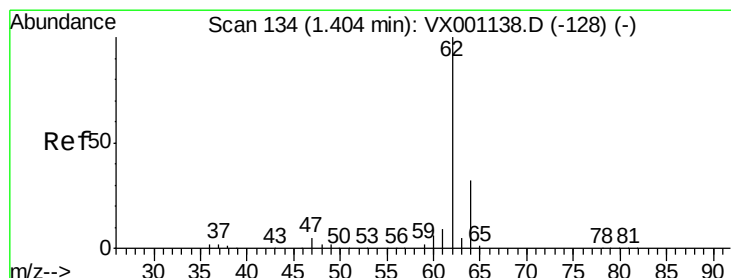
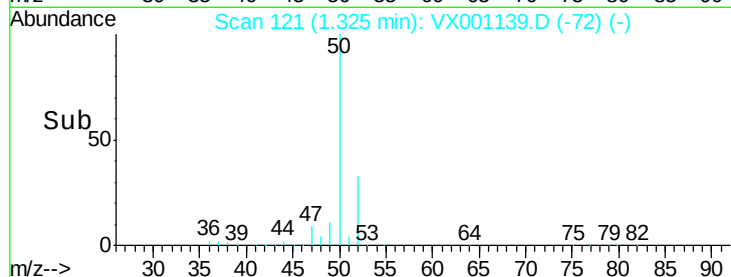
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 92.65 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001139.D

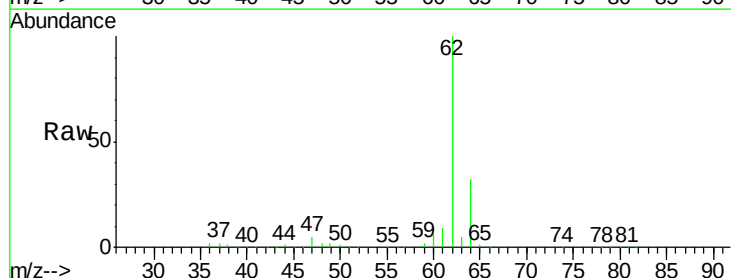
Acq: 26 Apr 2018 18:46

Tgt Ion: 62 Resp: 258619

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

250000

200000

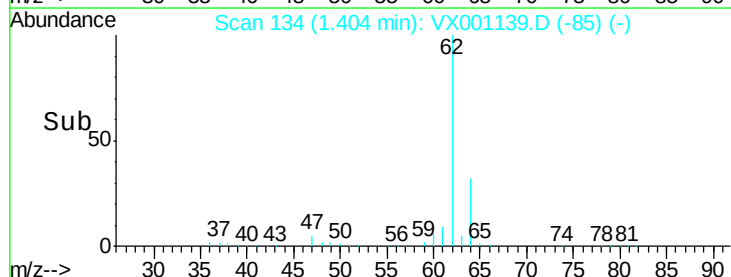
150000

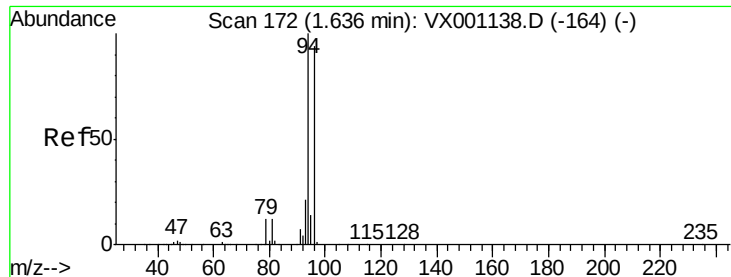
100000

50000

0

Time--> 1.40 1.50





#5

Bromomethane

Concen: 95.05 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

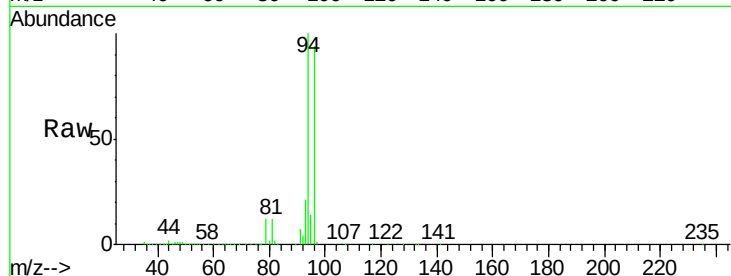
VSTDIC100

Tgt Ion: 94 Resp: 164701

Ion Ratio Lower Upper

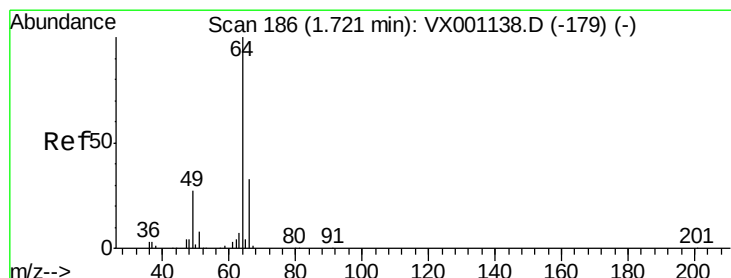
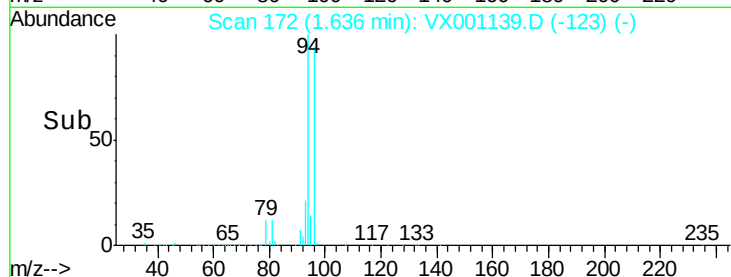
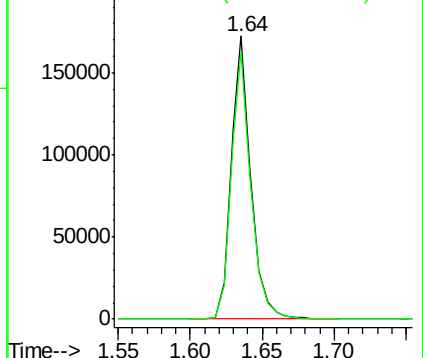
94 100

96 94.1 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 100.08 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX001139.D

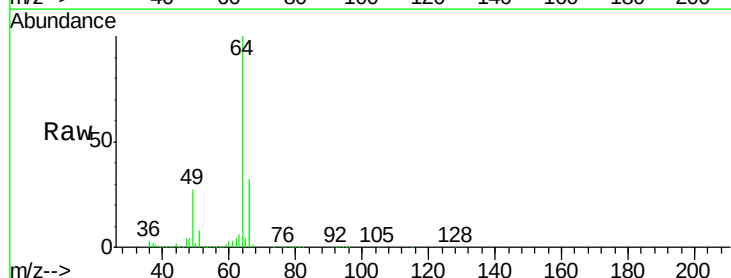
Acq: 26 Apr 2018 18:46

Tgt Ion: 64 Resp: 168750

Ion Ratio Lower Upper

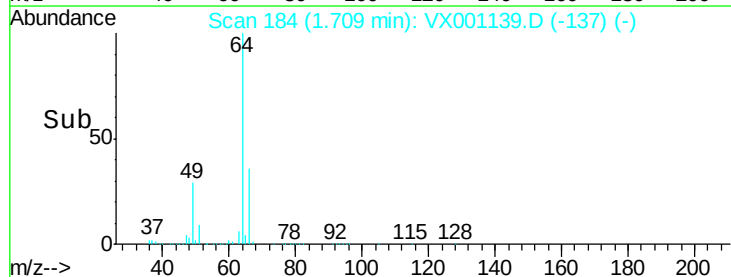
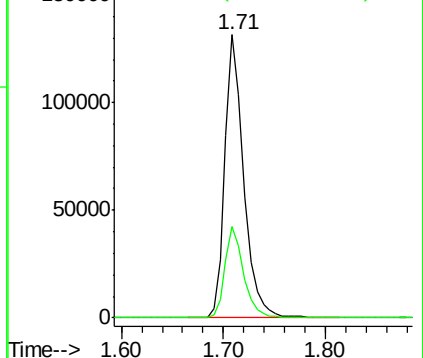
64 100

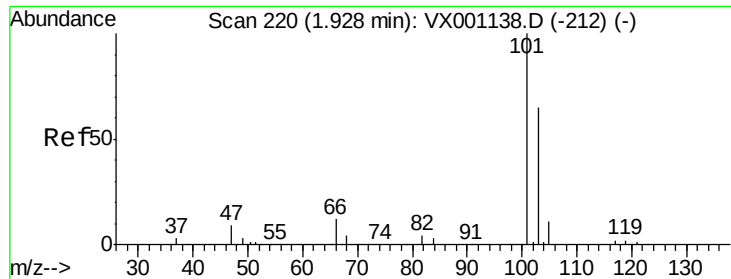
66 32.2 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 101.65 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

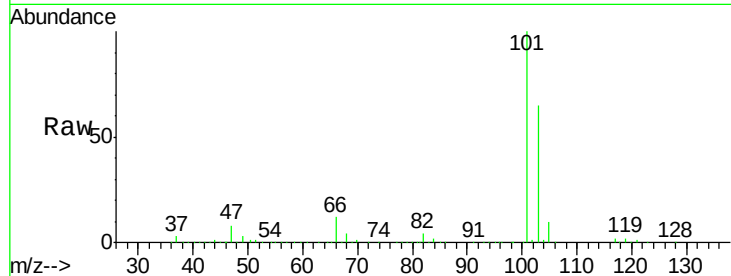
VSTDIC100

Tgt Ion:101 Resp: 430679

Ion Ratio Lower Upper

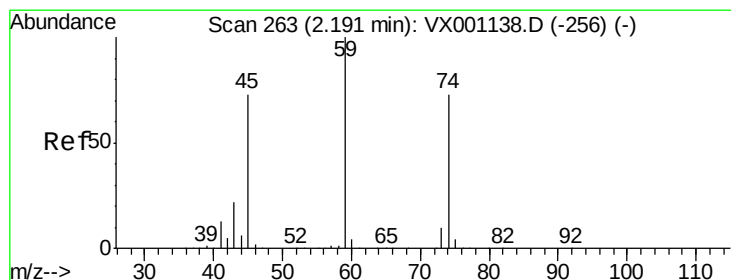
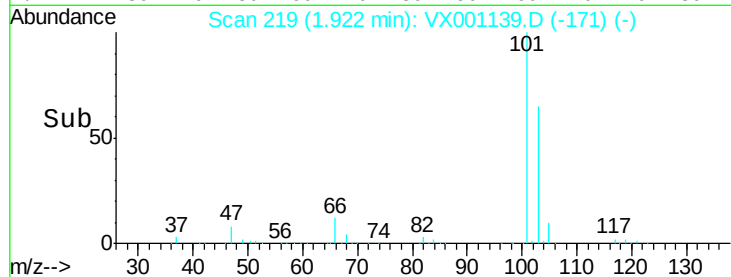
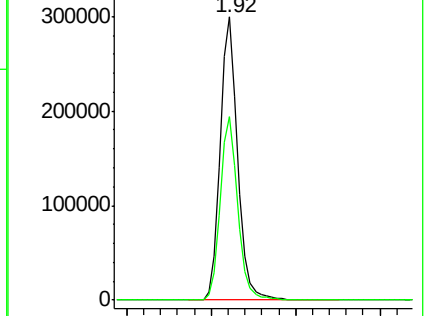
101 100

103 65.0 51.9 77.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 102.34 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001139.D

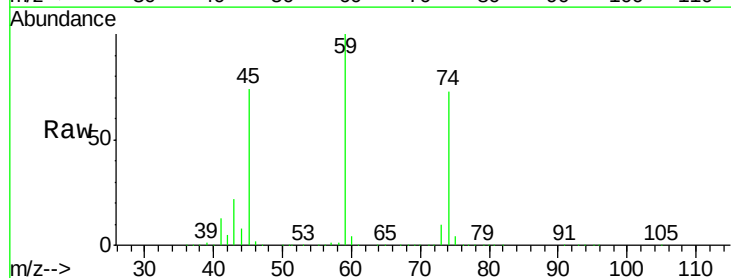
Acq: 26 Apr 2018 18:46

Tgt Ion: 74 Resp: 162747

Ion Ratio Lower Upper

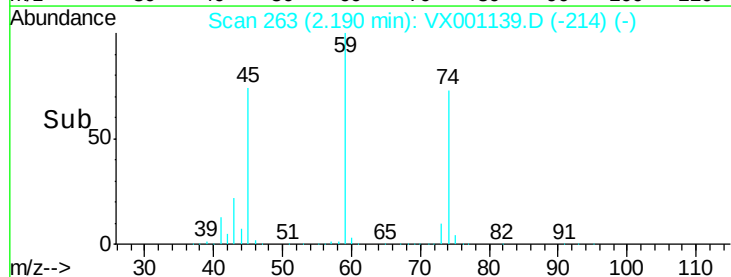
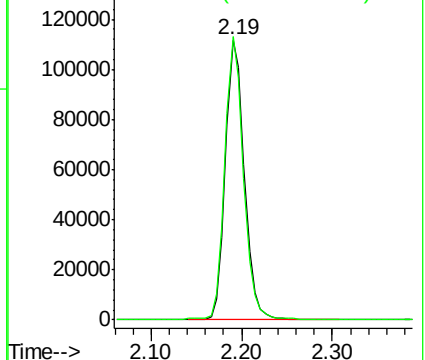
74 100

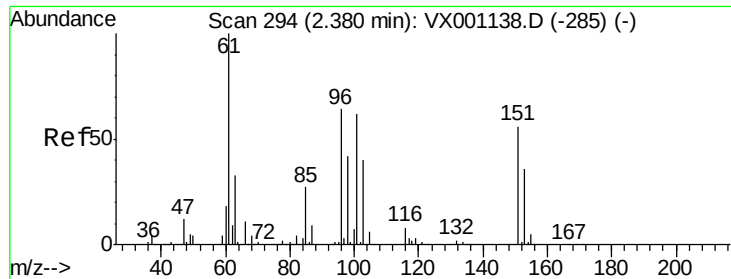
45 99.8 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.31 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

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VSTDIC100

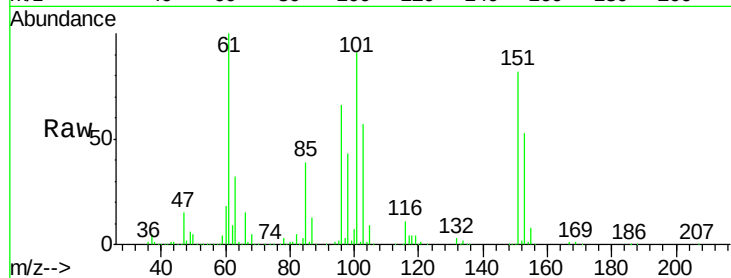
Tgt Ion:101 Resp: 239692

Ion Ratio Lower Upper

101 100

85 43.6 35.4 53.0

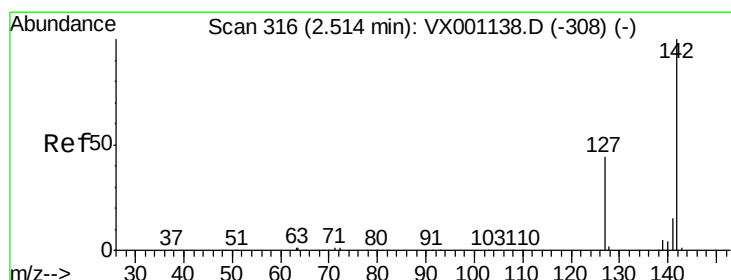
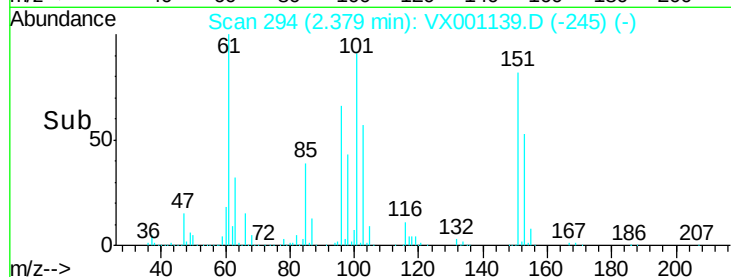
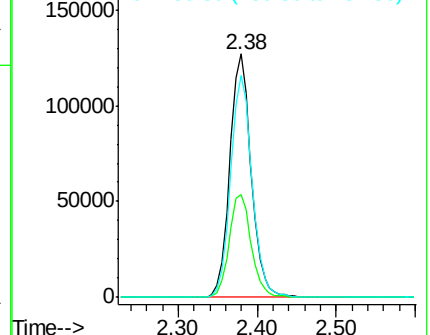
151 91.4 74.2 111.4



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: 127.94 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

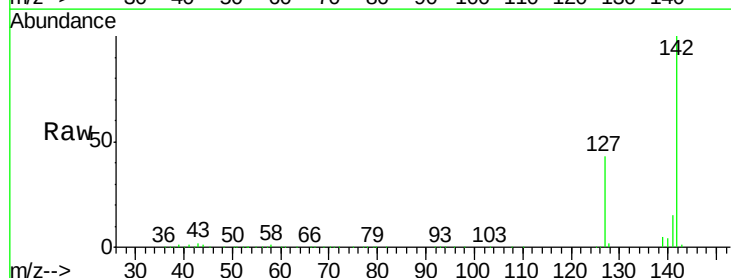
Tgt Ion:142 Resp: 267416

Ion Ratio Lower Upper

142 100

127 44.6 34.7 52.1

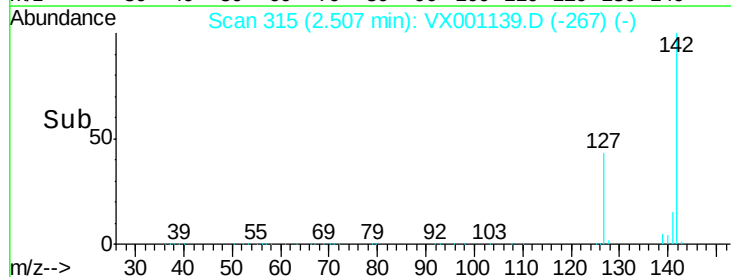
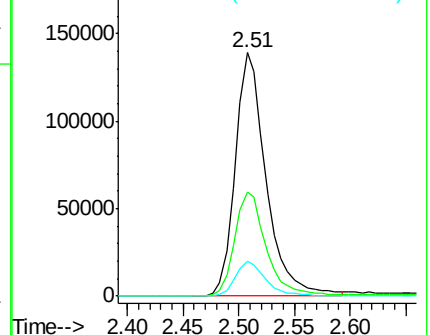
141 14.3 11.6 17.4

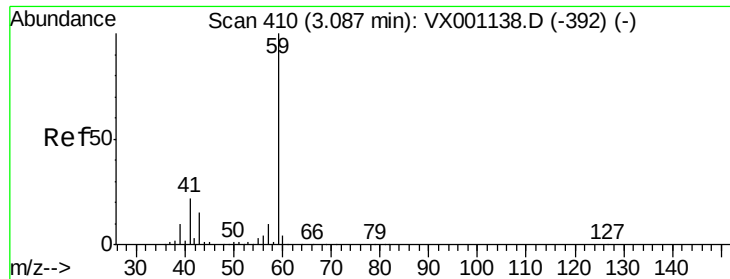


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

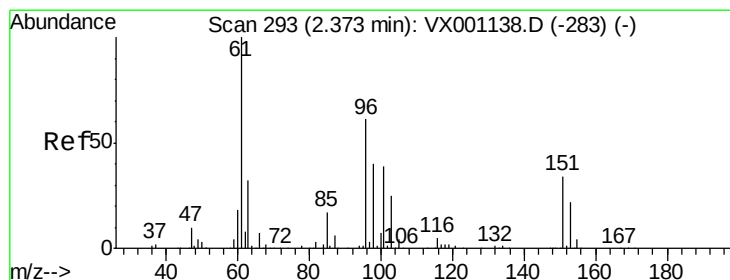
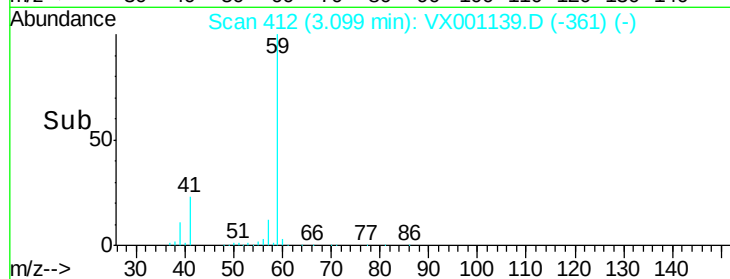
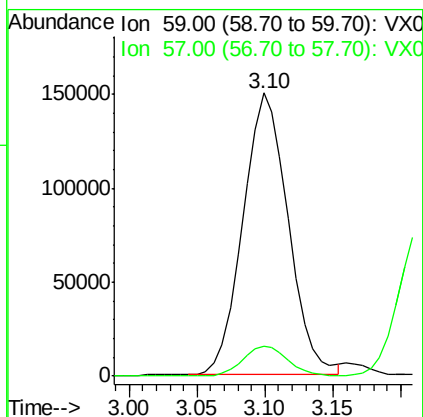
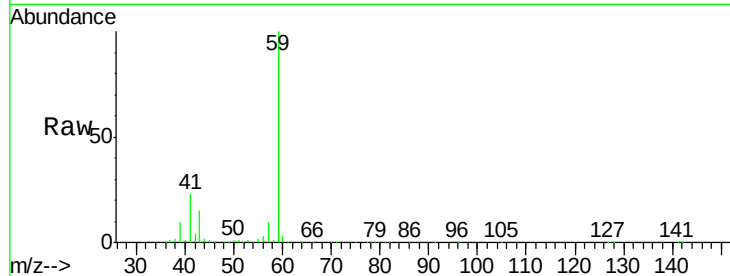




#11
Tert butyl alcohol
Concen: 684.66 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.01 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

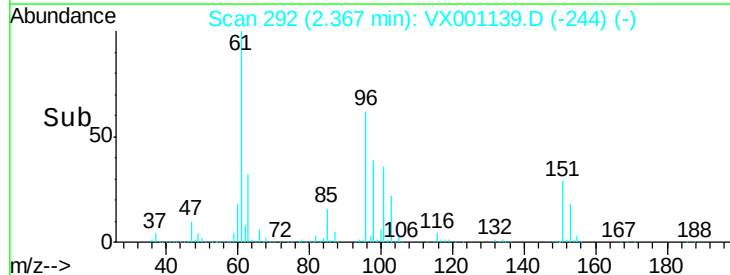
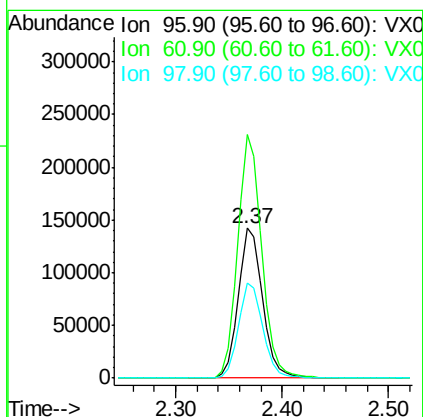
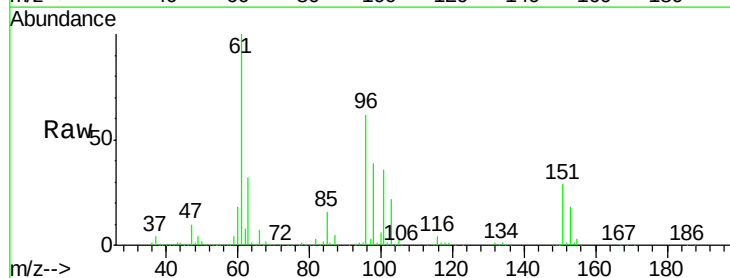
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

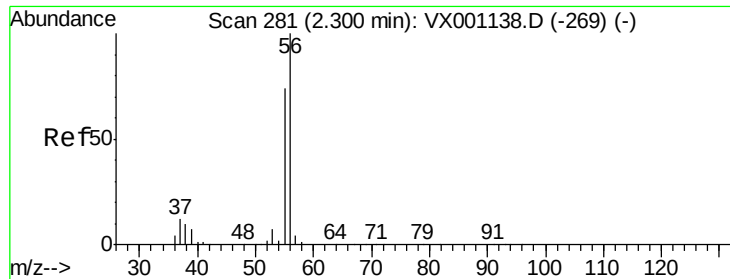
Tgt Ion: 59 Resp: 350424
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 99.00 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

Tgt Ion: 96 Resp: 227579
Ion Ratio Lower Upper
96 100
61 162.3 130.2 195.4
98 63.8 51.5 77.3





#13

Acrolein

Concen: 764.94 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

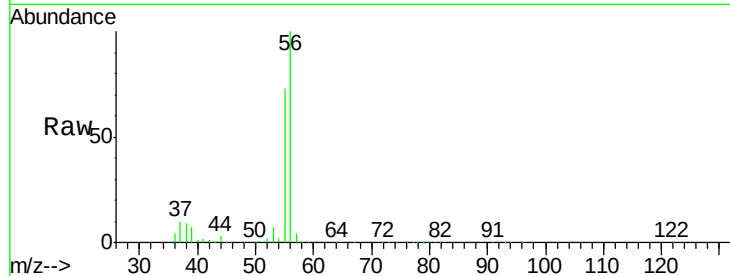
VSTDIC100

Tgt Ion: 56 Resp: 132101

Ion Ratio Lower Upper

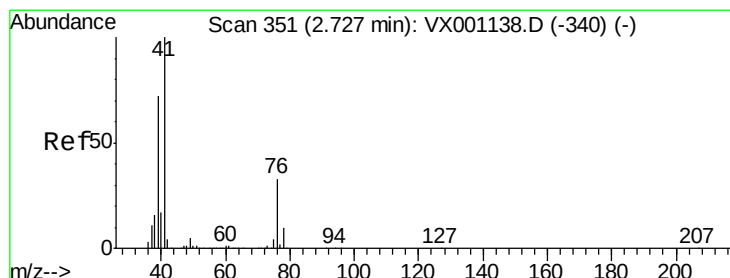
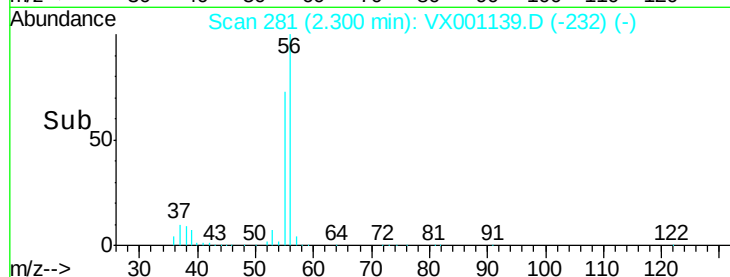
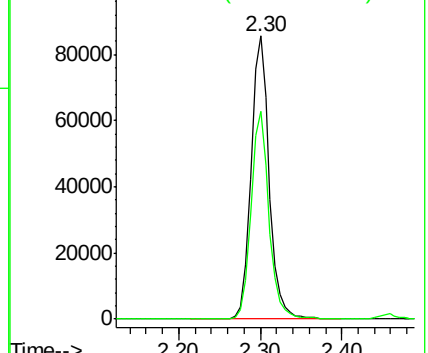
56 100

55 72.8 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 105.32 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

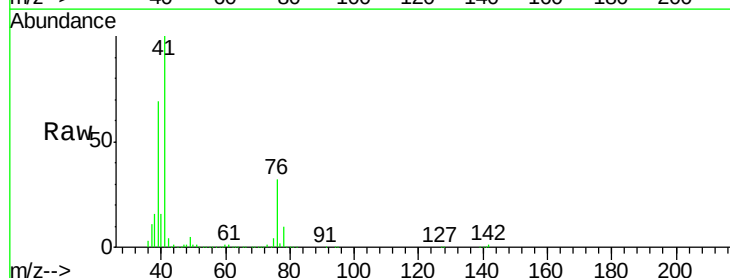
Tgt Ion: 41 Resp: 443149

Ion Ratio Lower Upper

41 100

39 67.9 55.6 83.4

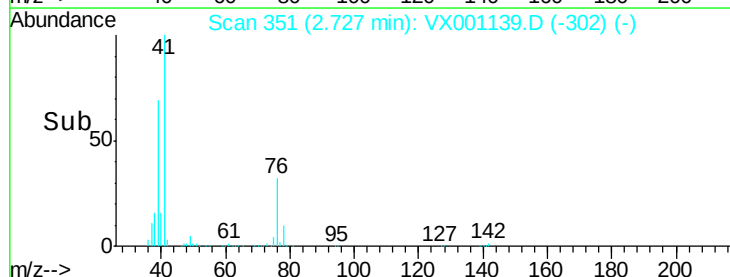
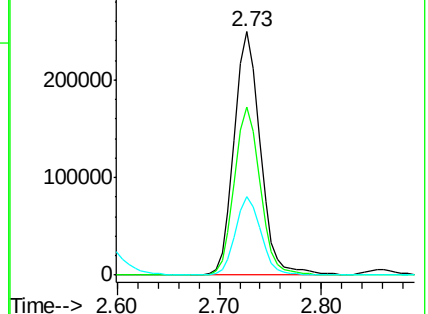
76 31.2 24.8 37.2

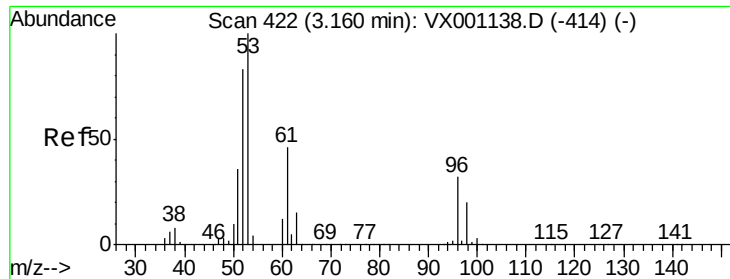


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 586.71 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

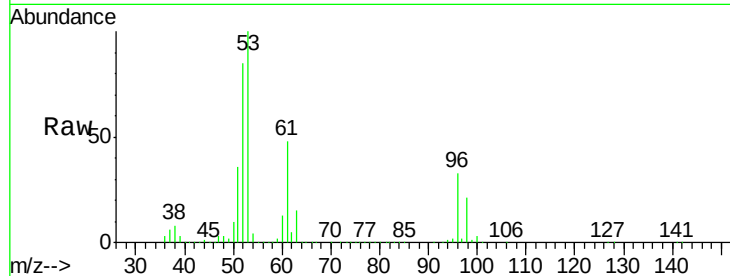
Tgt Ion: 53 Resp: 748371

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

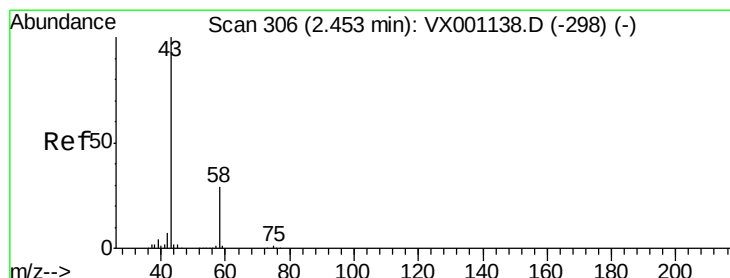
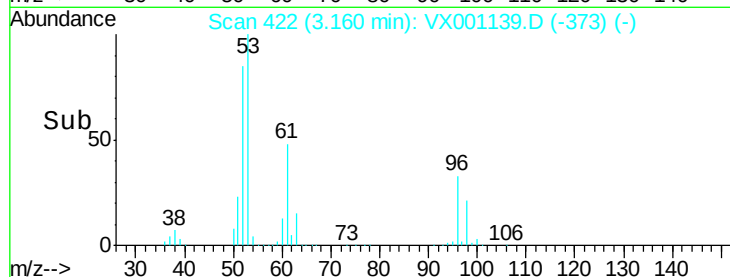
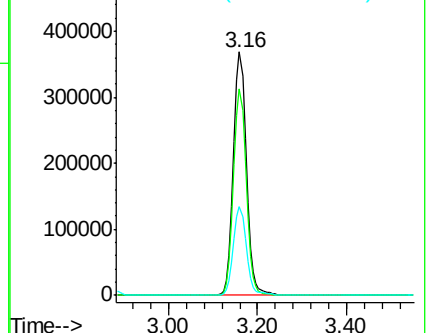
51 36.5 29.5 44.3



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: 577.12 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001139.D

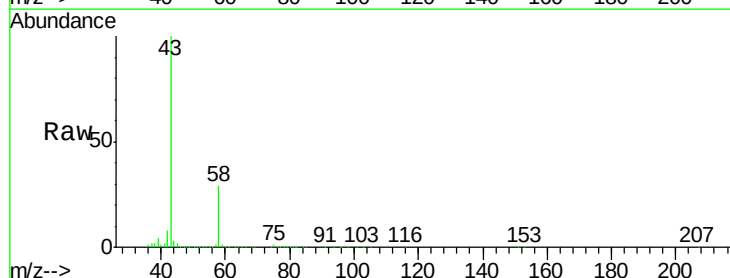
Acq: 26 Apr 2018 18:46

Tgt Ion: 43 Resp: 685292

Ion Ratio Lower Upper

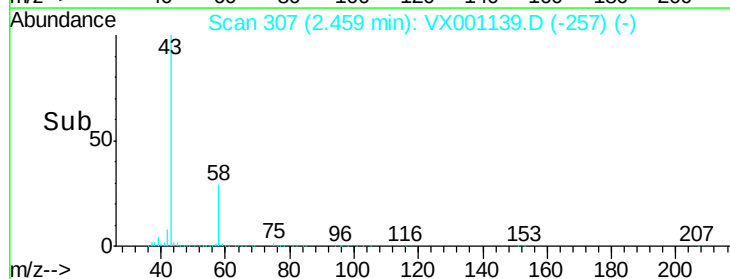
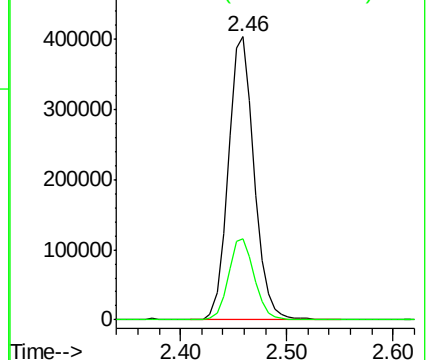
43 100

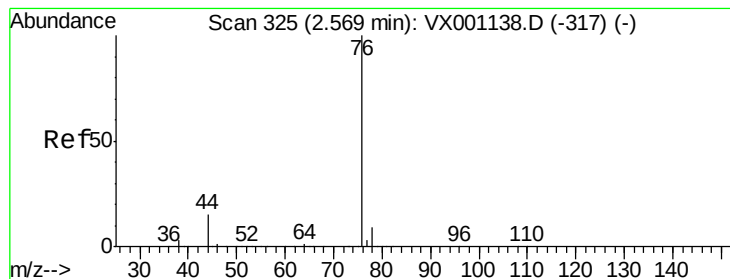
58 28.8 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 95.83 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

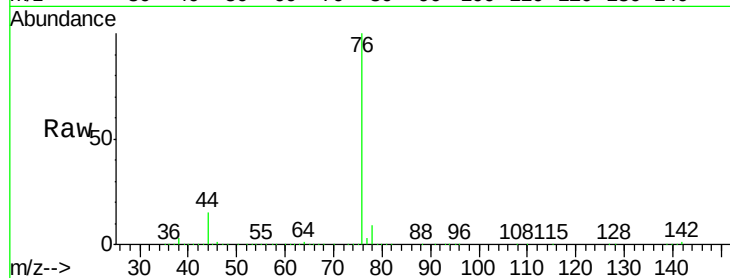
VSTDIC100

Tgt Ion: 76 Resp: 619986

Ion Ratio Lower Upper

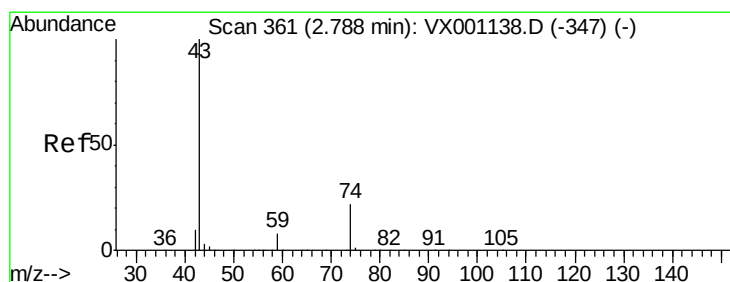
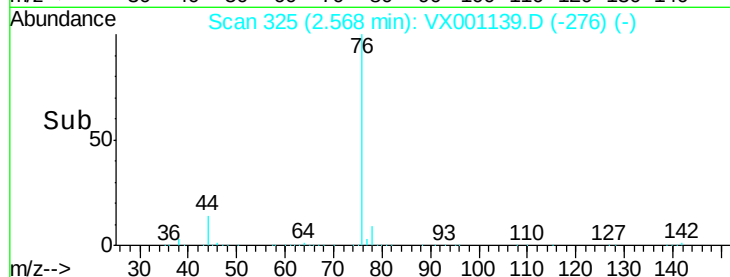
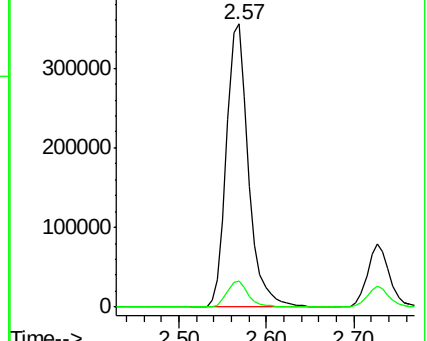
76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 106.99 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX001139.D

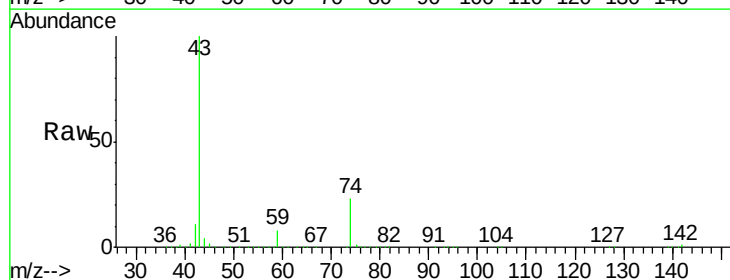
Acq: 26 Apr 2018 18:46

Tgt Ion: 43 Resp: 368529

Ion Ratio Lower Upper

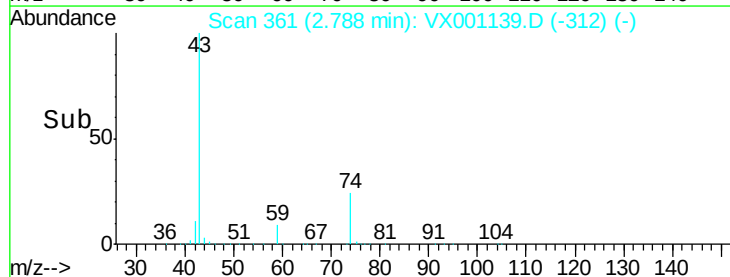
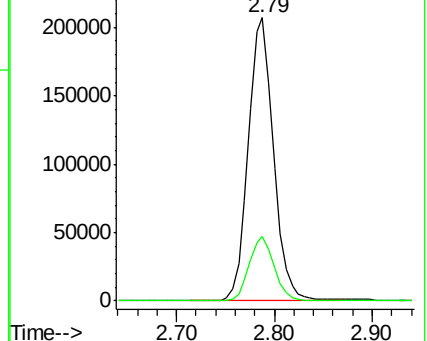
43 100

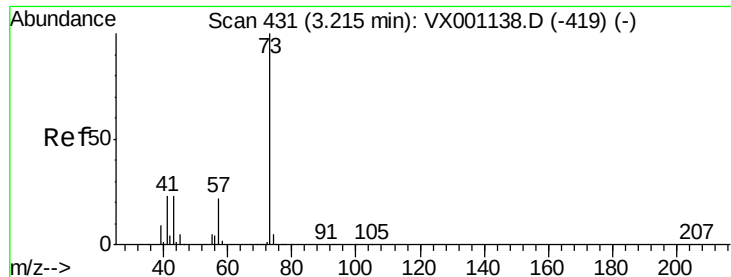
74 22.7 18.1 27.1



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: 106.94 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

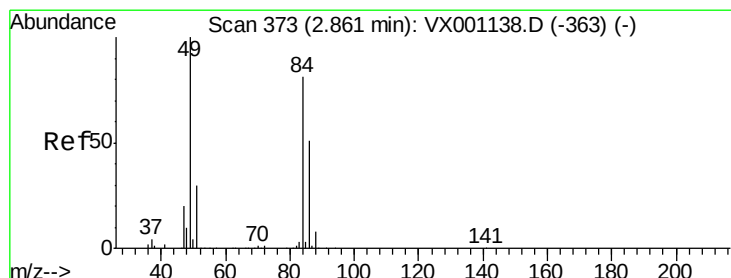
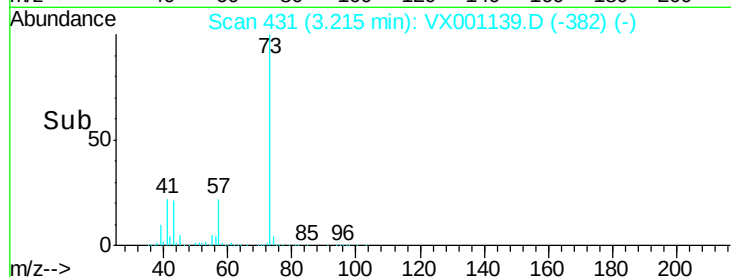
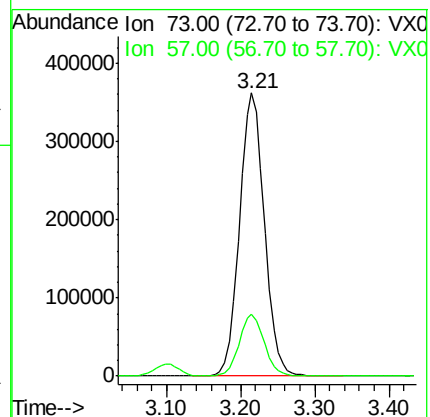
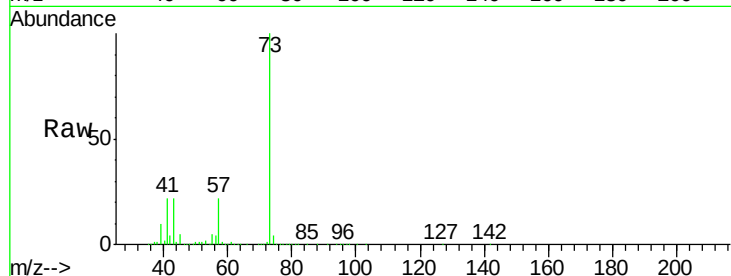
VSTDIC100

Tgt Ion: 73 Resp: 845123

Ion Ratio Lower Upper

73 100

57 21.8 17.7 26.5



#20

Methylene Chloride

Concen: 96.55 ug/l

RT: 2.85 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Tgt Ion: 84 Resp: 256579

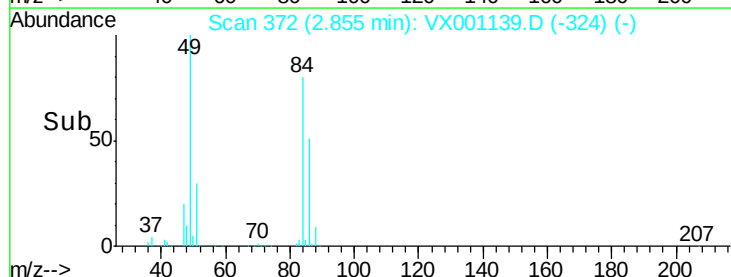
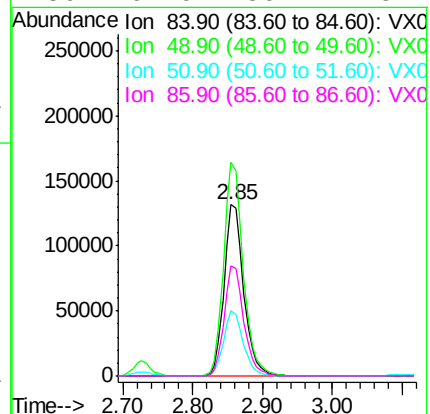
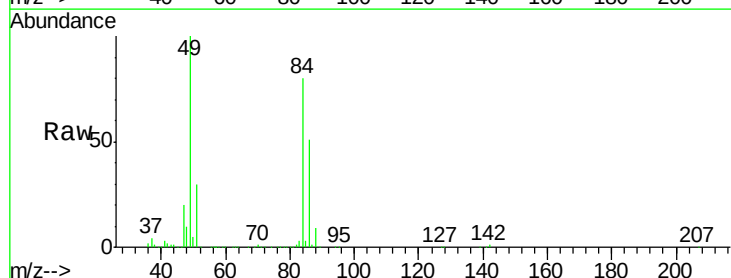
Ion Ratio Lower Upper

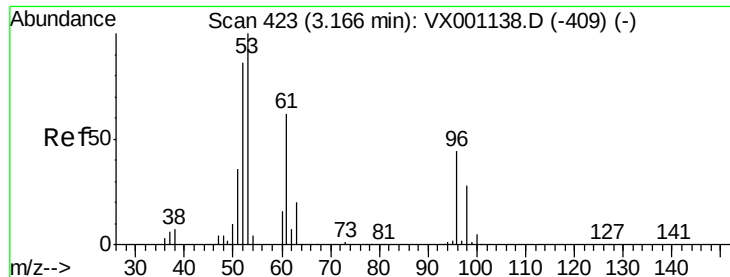
84 100

49 124.7 99.2 148.8

51 37.9 29.5 44.3

86 64.0 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 97.33 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

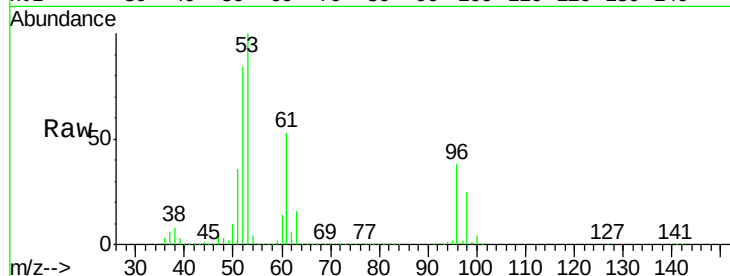
Tgt Ion: 96 Resp: 250382

Ion Ratio Lower Upper

96 100

61 136.8 111.9 167.9

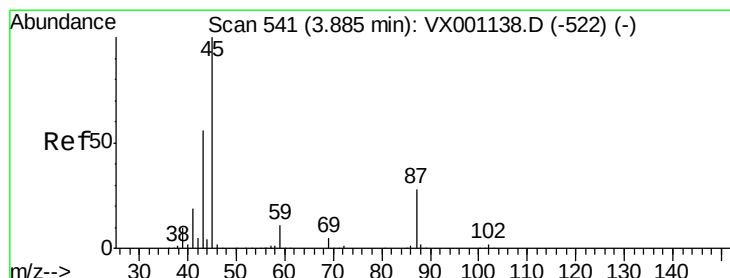
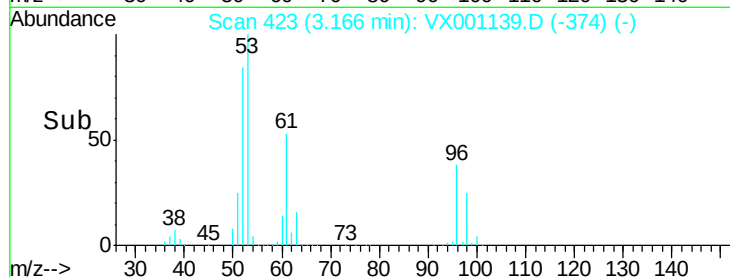
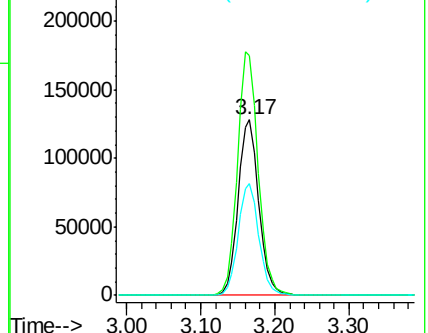
98 64.0 51.1 76.7



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: 106.85 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Tgt Ion: 45 Resp: 870016

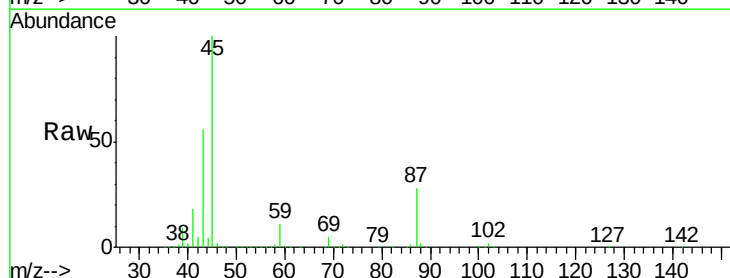
Ion Ratio Lower Upper

45 100

43 56.3 45.0 67.4

87 27.6 22.8 34.2

59 10.9 9.0 13.6

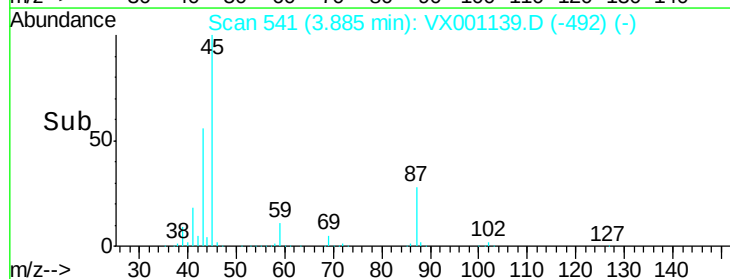
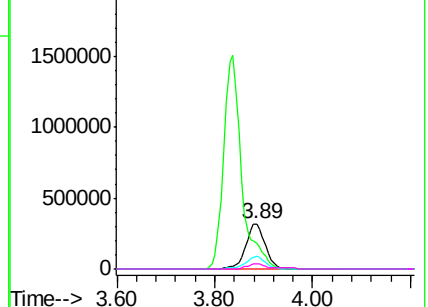


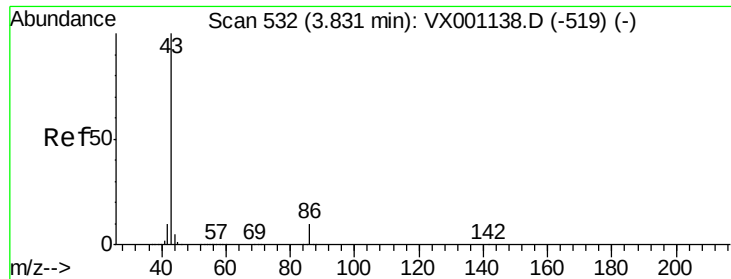
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 563.26 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

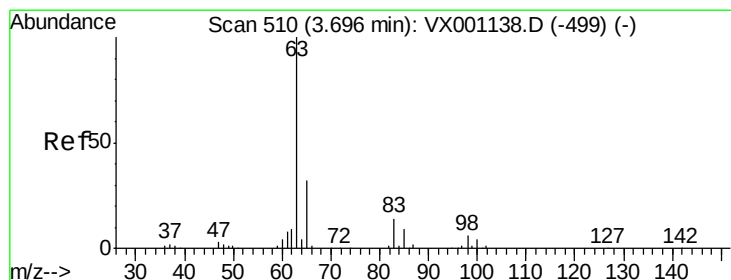
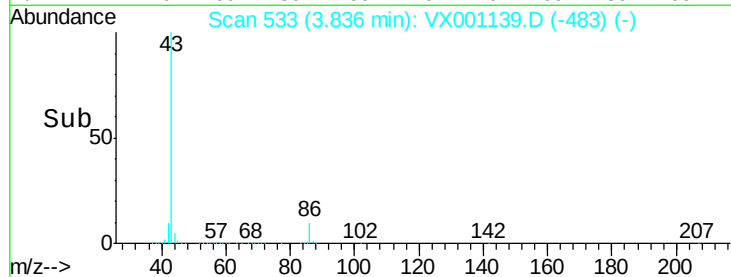
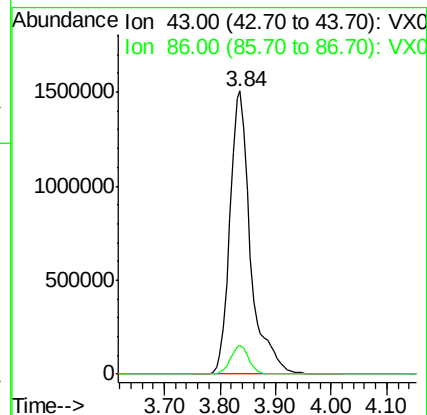
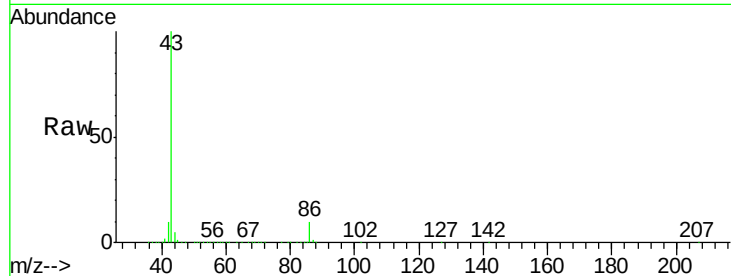
VSTDIC100

Tgt Ion: 43 Resp: 3848568

Ion Ratio Lower Upper

43 100

86 10.1 8.0 12.0



#24

1,1-Dichloroethane

Concen: 96.73 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

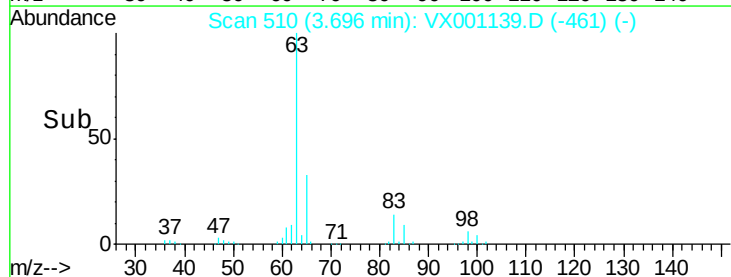
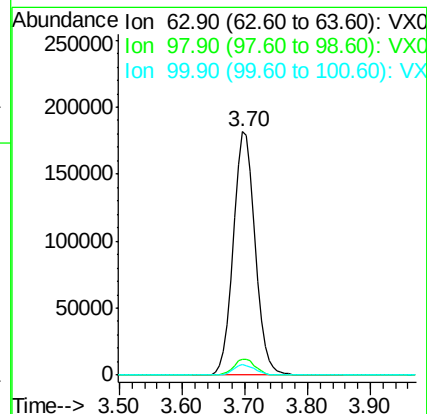
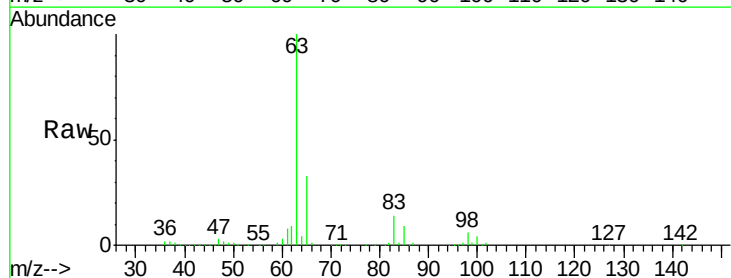
Tgt Ion: 63 Resp: 437417

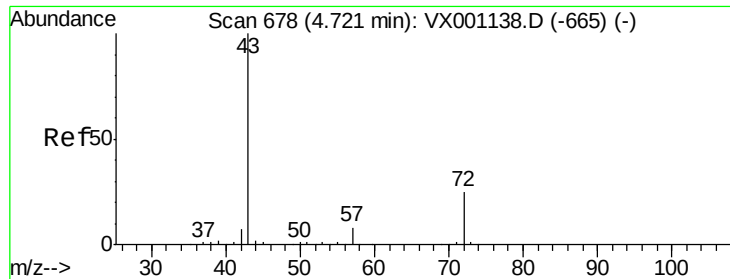
Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 585.48 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

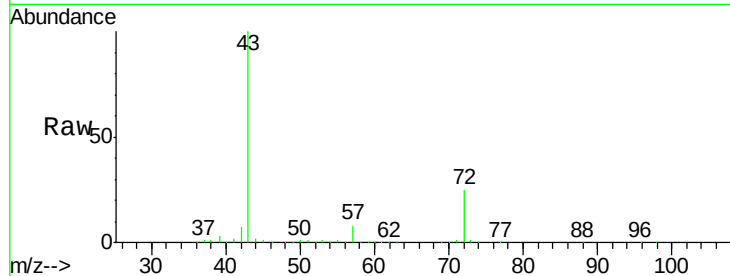
VSTDIC100

Tgt Ion: 43 Resp: 1079558

Ion Ratio Lower Upper

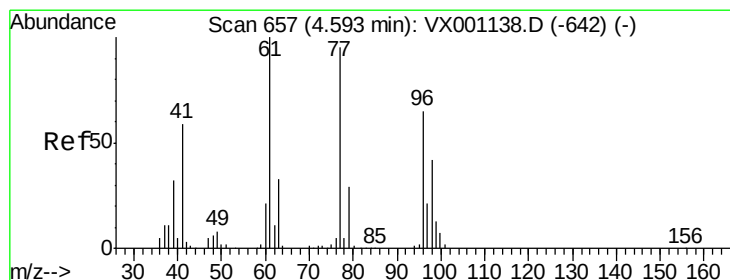
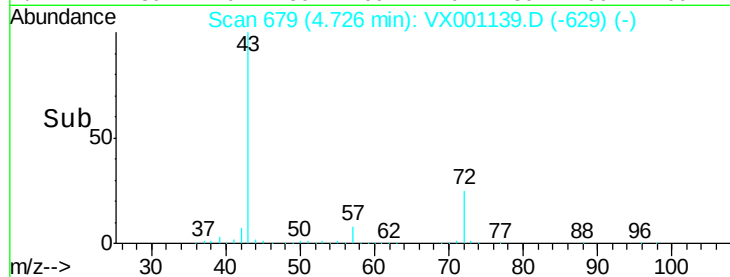
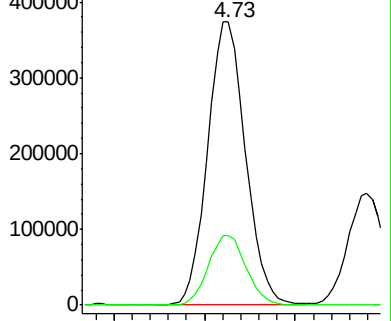
43 100

72 24.8 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 95.13 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001139.D

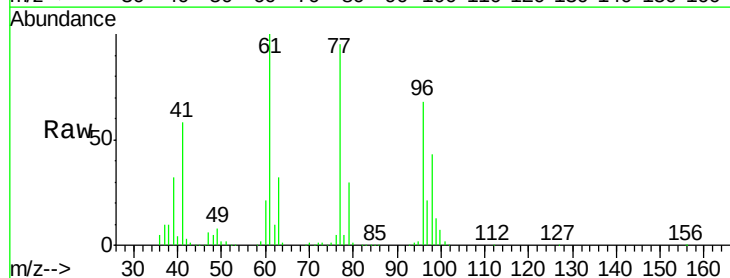
Acq: 26 Apr 2018 18:46

Tgt Ion: 77 Resp: 364042

Ion Ratio Lower Upper

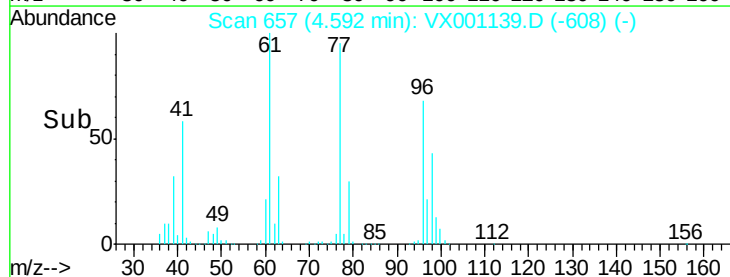
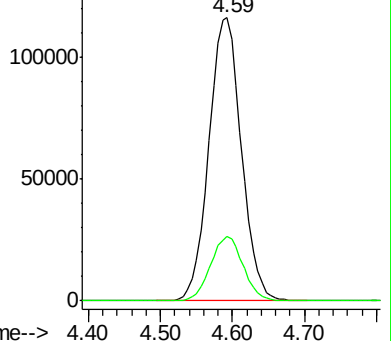
77 100

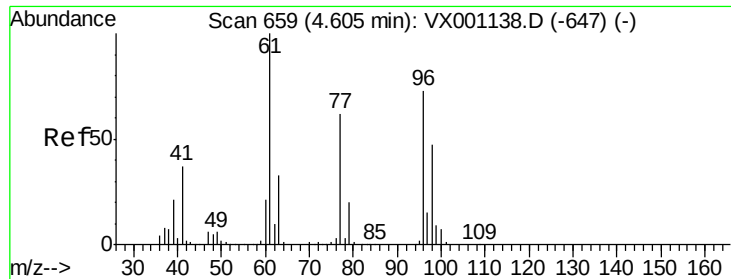
97 22.9 11.4 34.2



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: 98.94 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

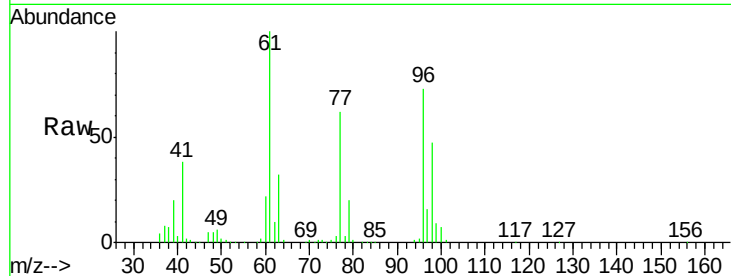
Tgt Ion: 96 Resp: 283132

Ion Ratio Lower Upper

96 100

61 146.1 0.0 289.0

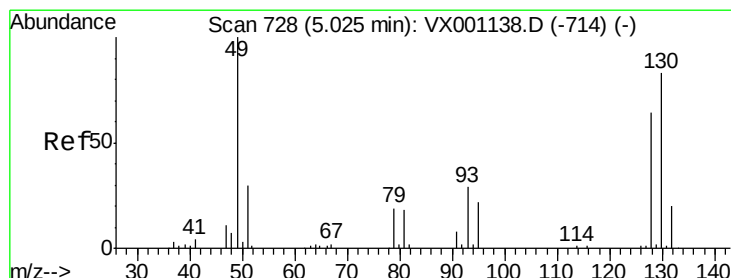
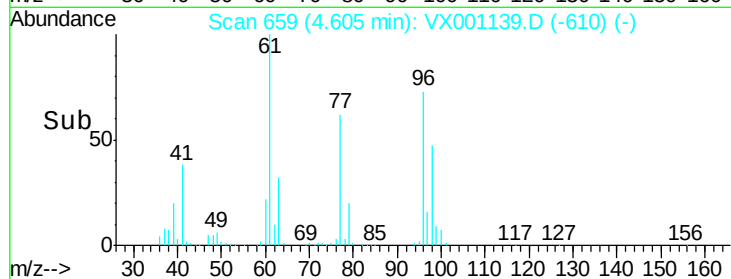
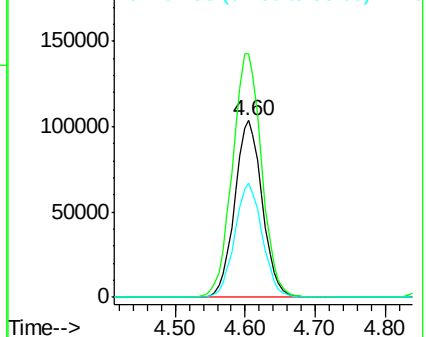
98 64.6 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 109.75 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

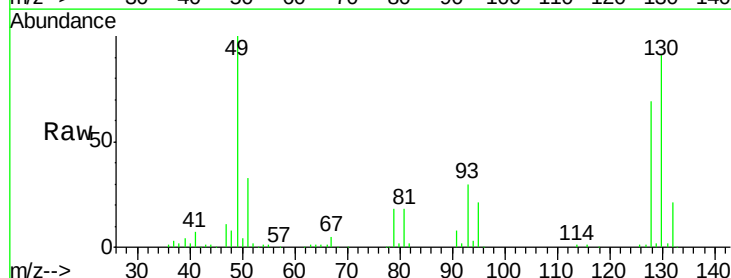
Tgt Ion: 49 Resp: 197875

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

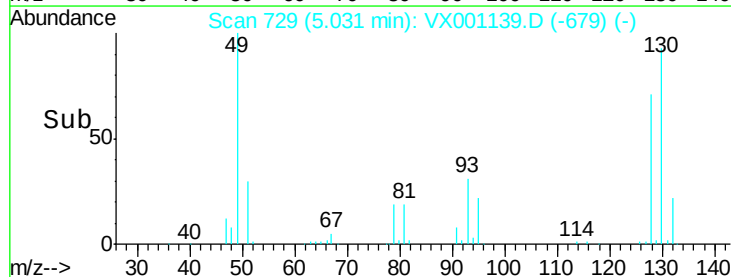
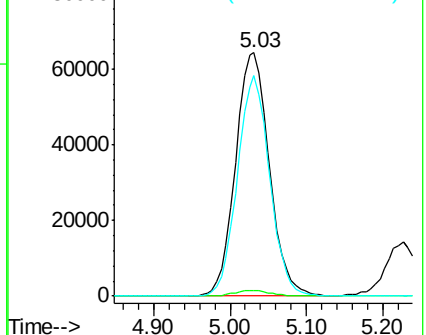
130 86.4 68.2 102.2

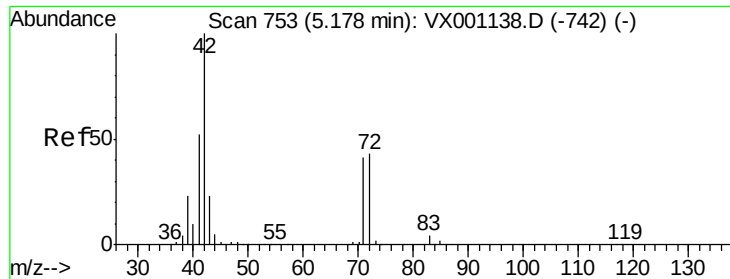


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 599.00 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

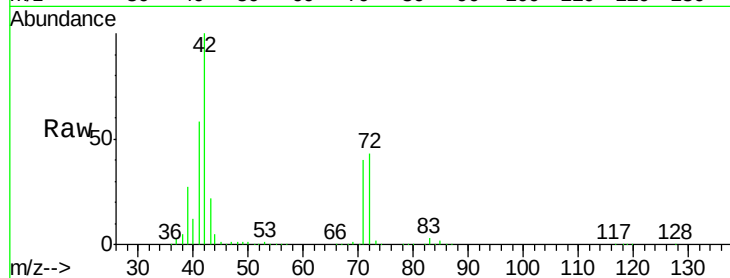
Tgt Ion: 42 Resp: 698932

Ion Ratio Lower Upper

42 100

72 43.3 34.4 51.6

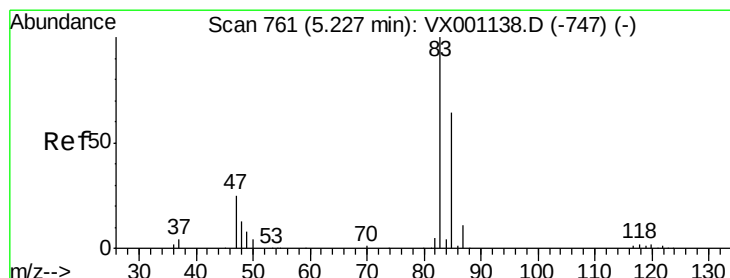
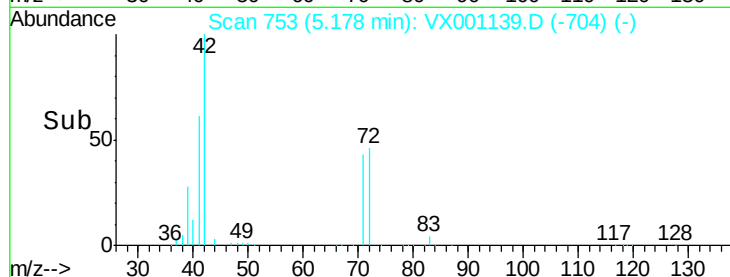
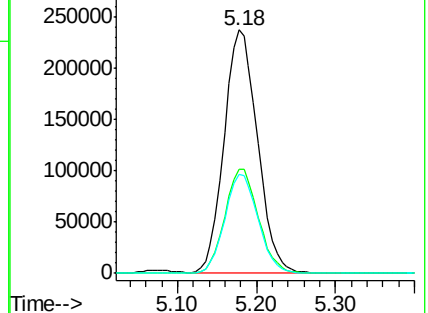
71 40.6 32.1 48.1



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: 103.43 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX001139.D

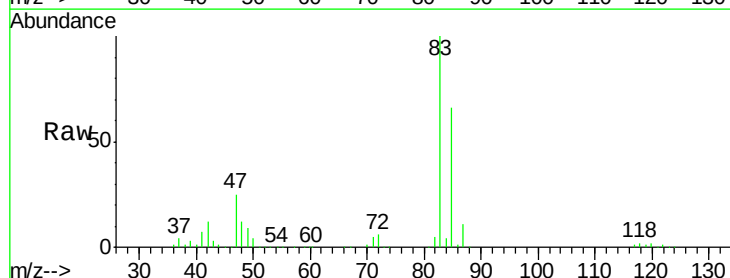
Acq: 26 Apr 2018 18:46

Tgt Ion: 83 Resp: 487272

Ion Ratio Lower Upper

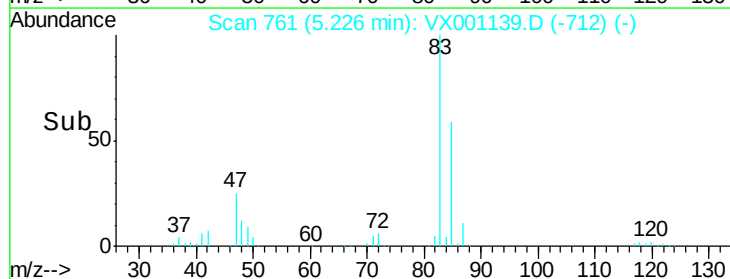
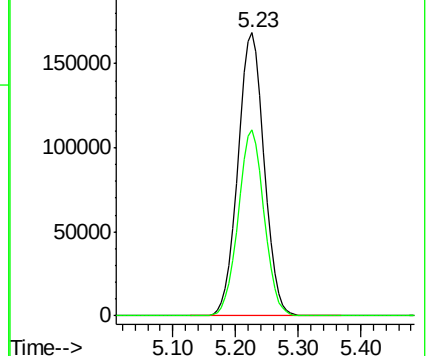
83 100

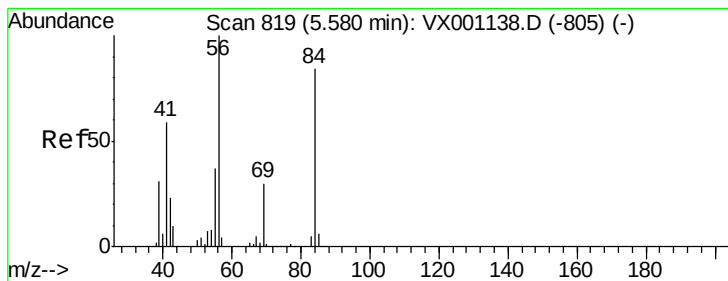
85 65.8 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 93.10 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

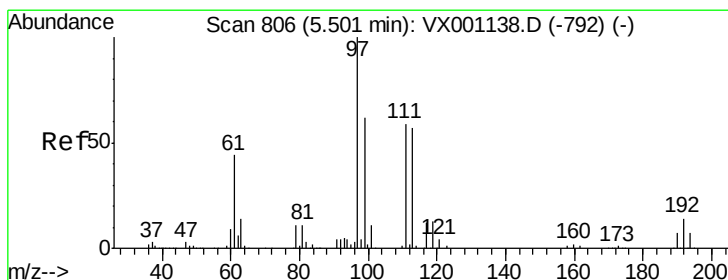
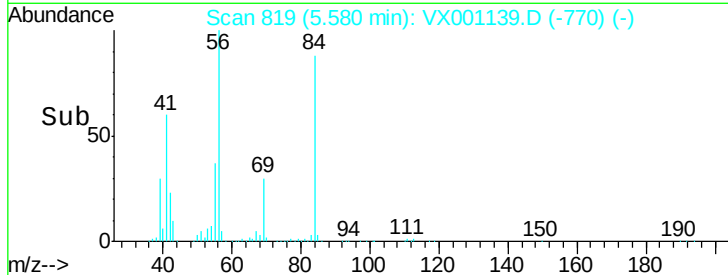
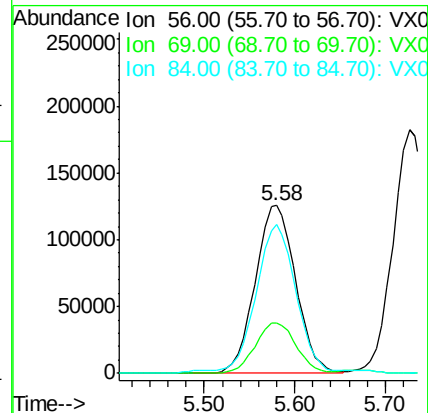
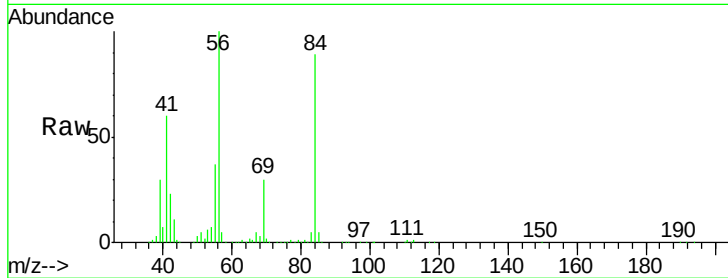
Tgt Ion: 56 Resp: 387386

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.2

84 87.1 67.5 101.3



#32

1,1,1-Trichloroethane

Concen: 103.55 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

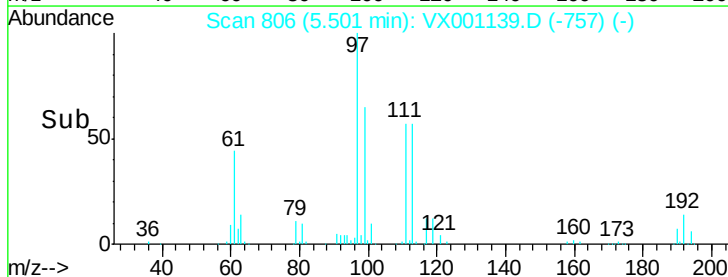
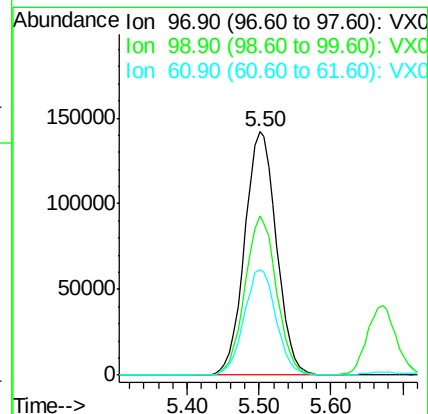
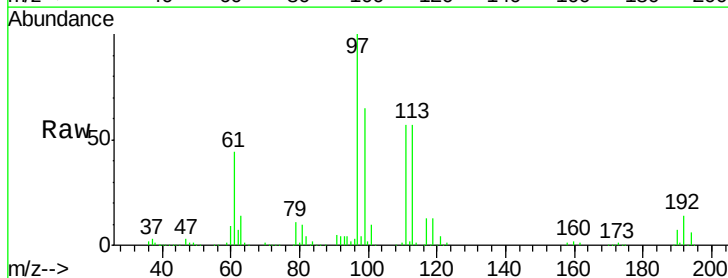
Tgt Ion: 97 Resp: 434679

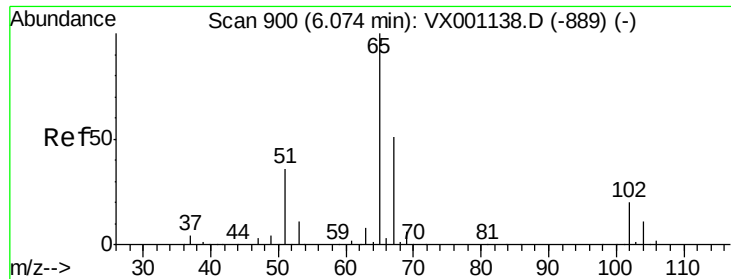
Ion Ratio Lower Upper

97 100

99 64.7 50.9 76.3

61 43.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 110.07 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

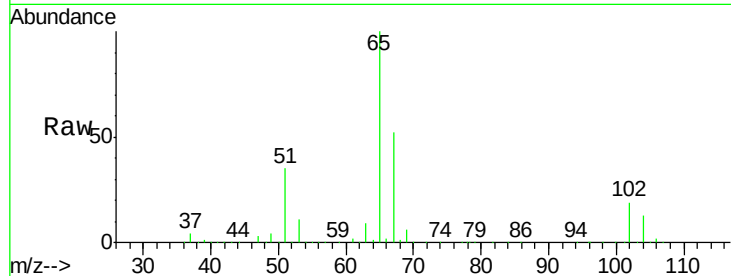
VSTDIC100

Tgt Ion: 65 Resp: 339157

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

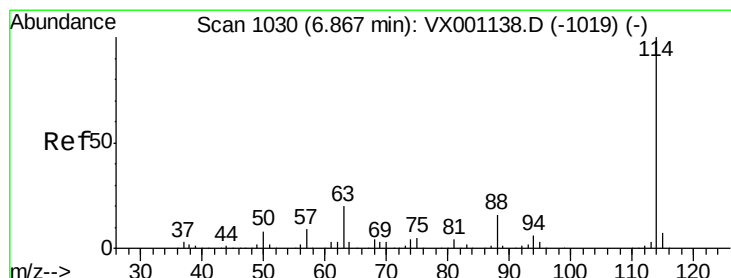
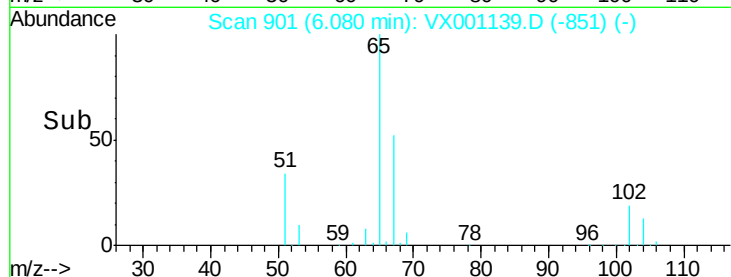
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

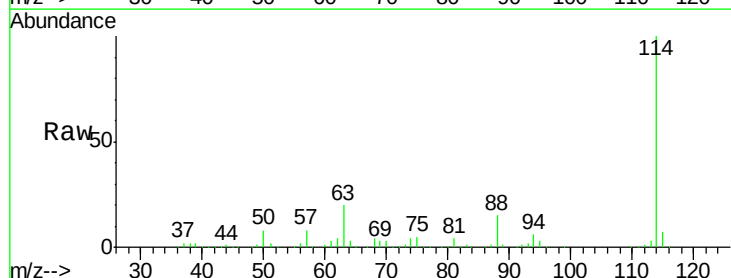
Tgt Ion: 114 Resp: 323421

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.4

88 14.7 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.87

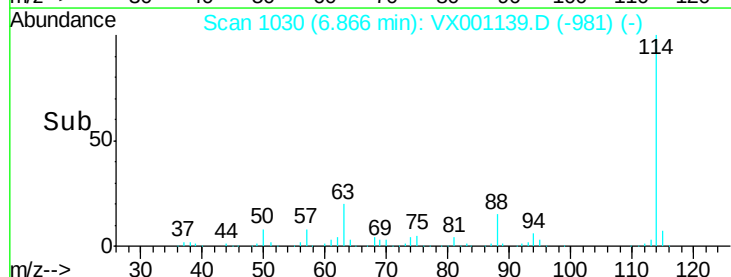
150000

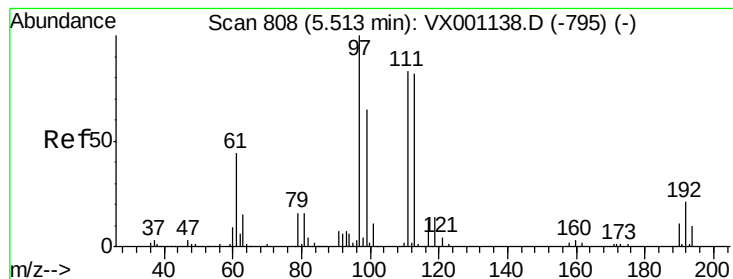
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 109.62 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

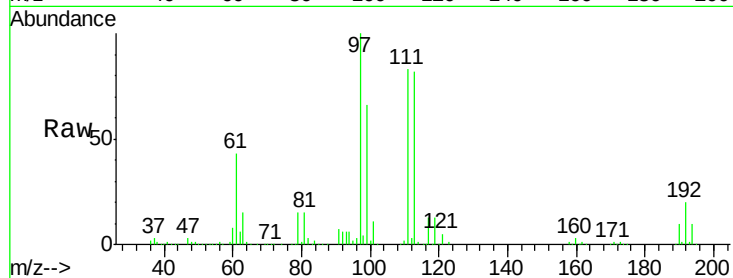
Tgt Ion:113 Resp: 273636

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

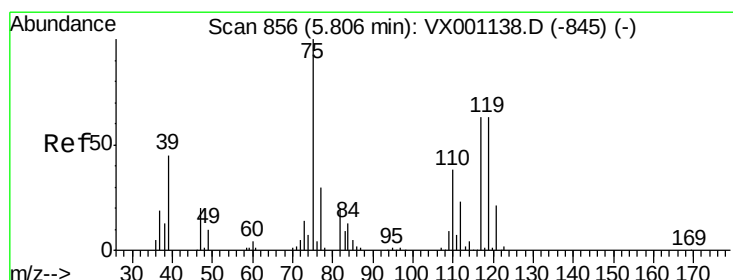
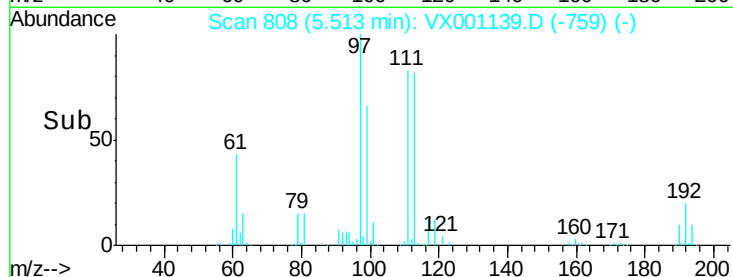
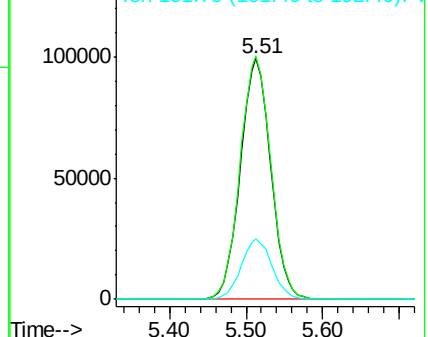
192 25.3 20.6 30.8



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: 93.71 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

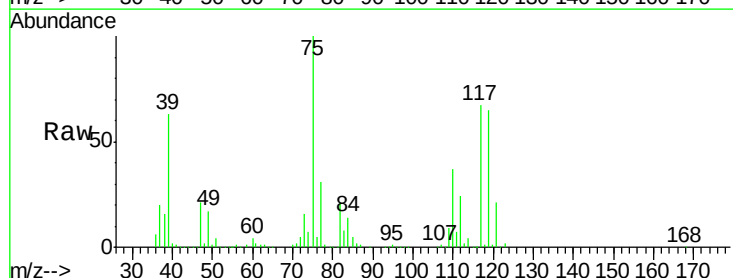
Tgt Ion: 75 Resp: 351148

Ion Ratio Lower Upper

75 100

110 37.3 19.0 57.0

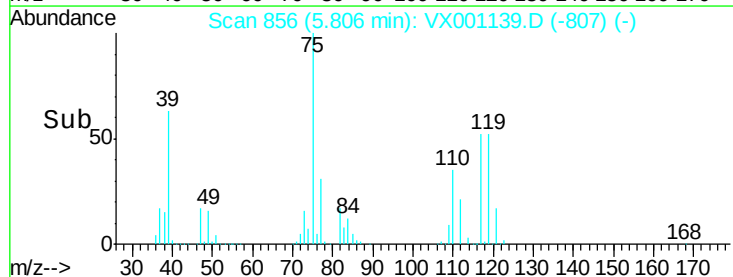
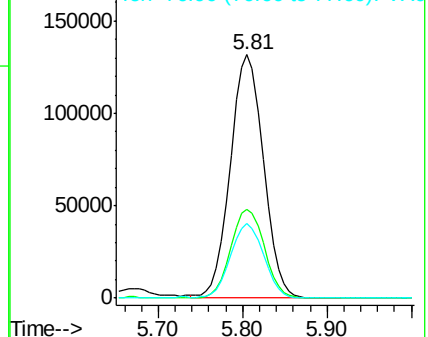
77 30.9 24.8 37.2

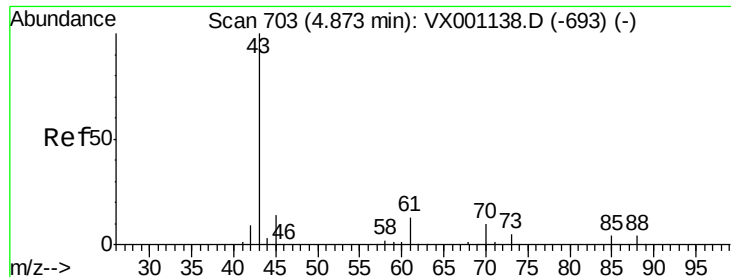


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

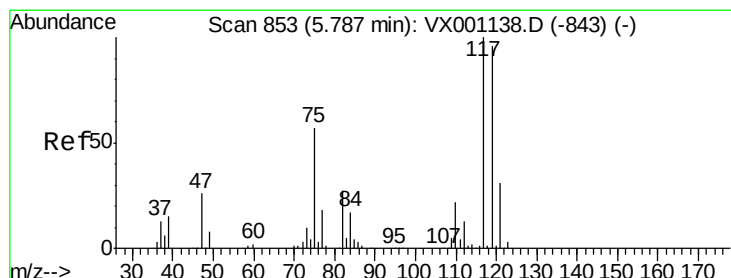
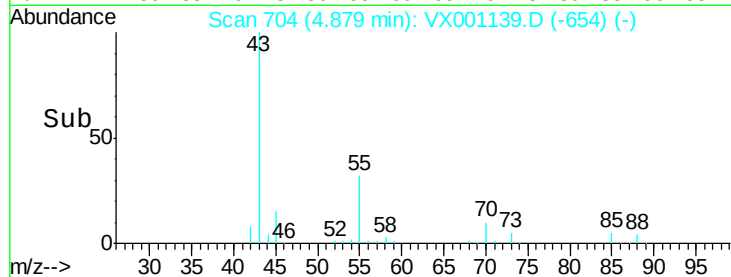
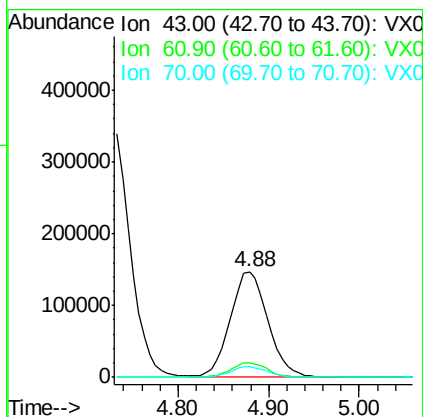
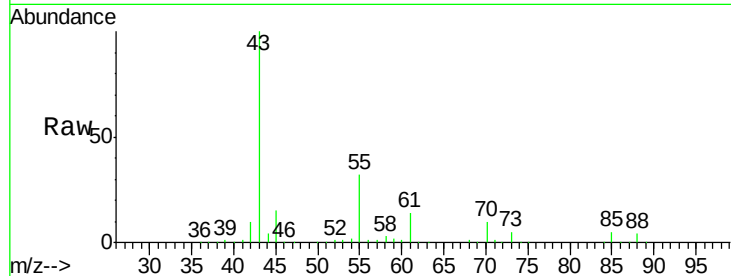




#37
Ethyl Acetate
Concen: 117.11 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

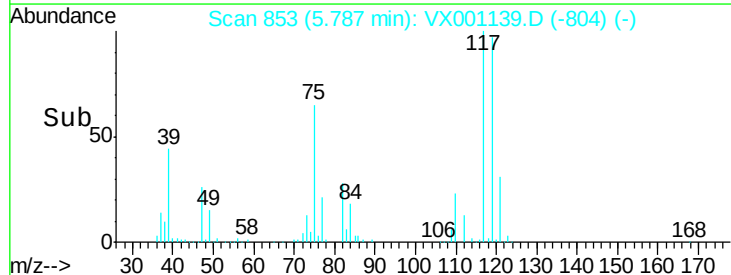
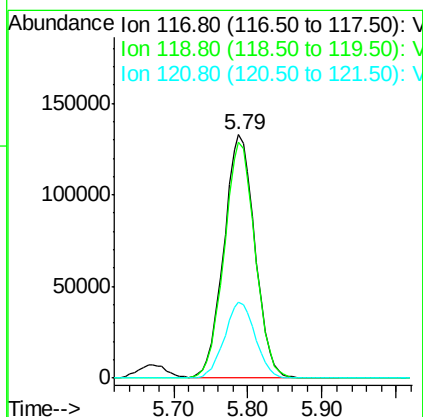
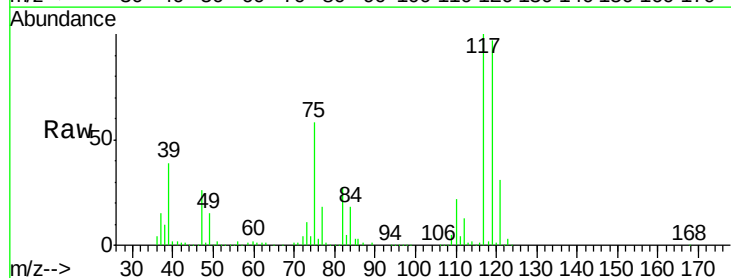
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

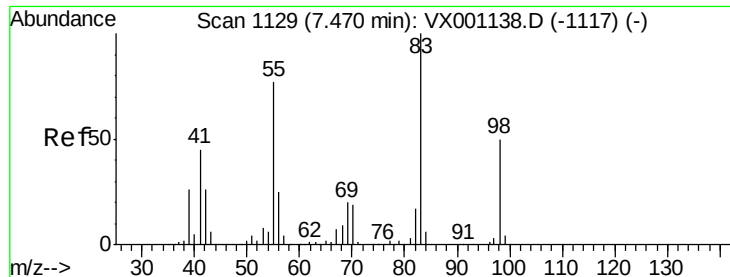
Tgt Ion: 43 Resp: 422324
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 10.1 8.2 12.2



#38
Carbon Tetrachloride
Concen: 101.45 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

Tgt Ion: 117 Resp: 385794
Ion Ratio Lower Upper
117 100
119 97.0 76.5 114.7
121 31.2 24.6 37.0

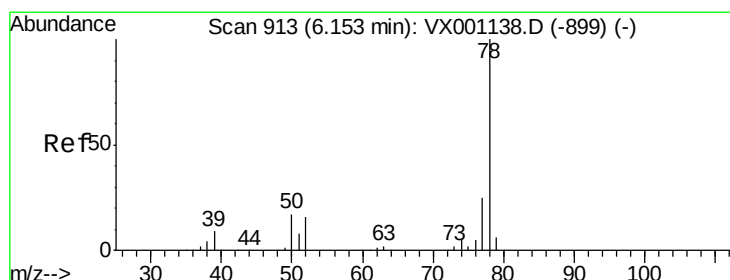
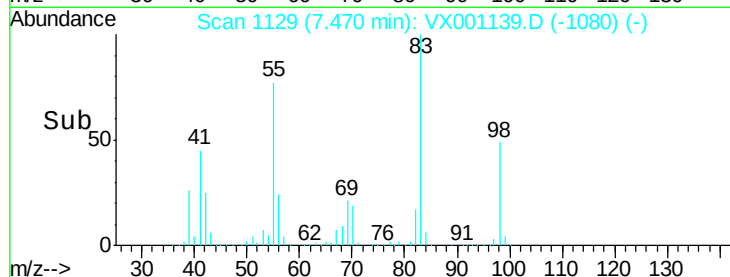
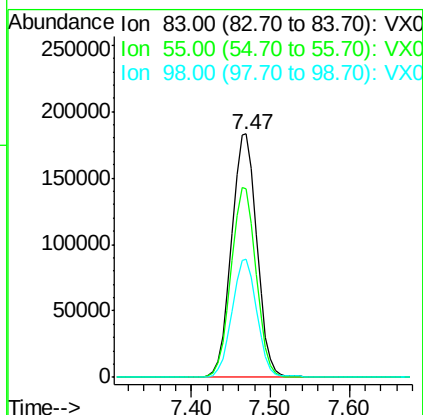
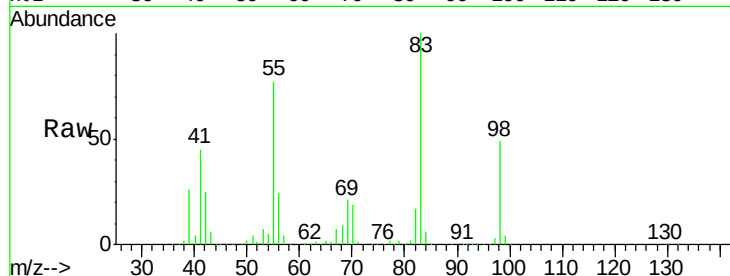




#39
Methylcyclohexane
Concen: 94.94 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

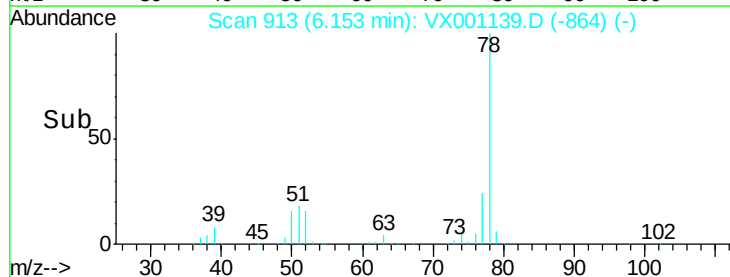
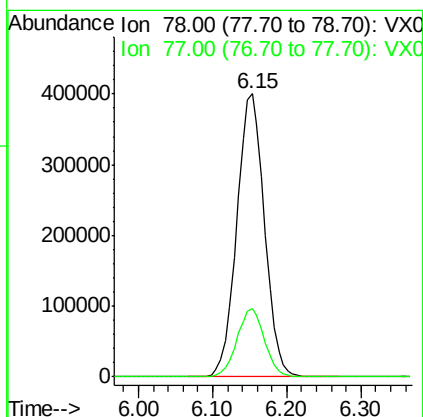
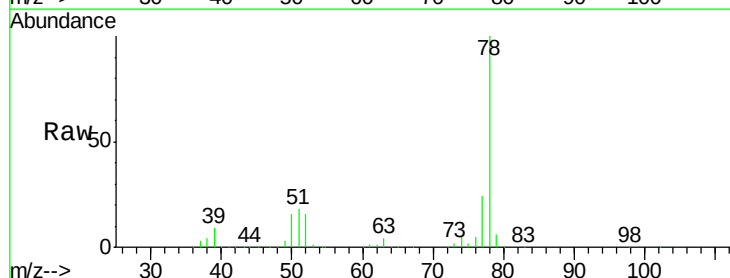
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

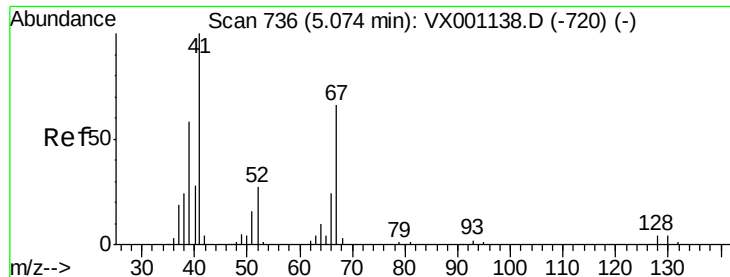
Tgt Ion: 83 Resp: 410642
Ion Ratio Lower Upper
83 100
55 77.2 61.8 92.6
98 48.7 40.0 60.0



#40
Benzene
Concen: 98.96 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

Tgt Ion: 78 Resp: 1042079
Ion Ratio Lower Upper
78 100
77 24.0 19.7 29.5

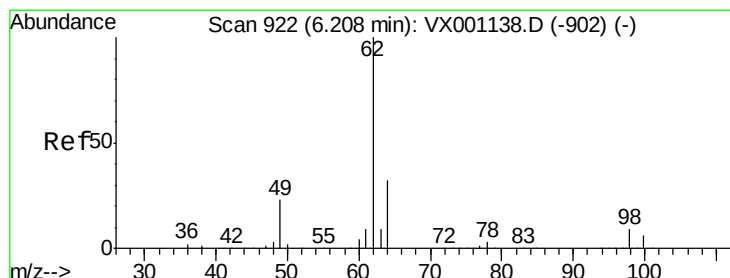
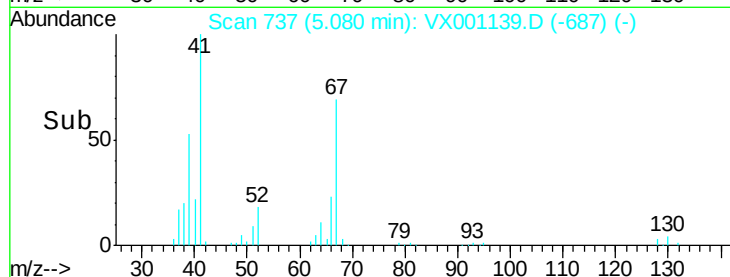
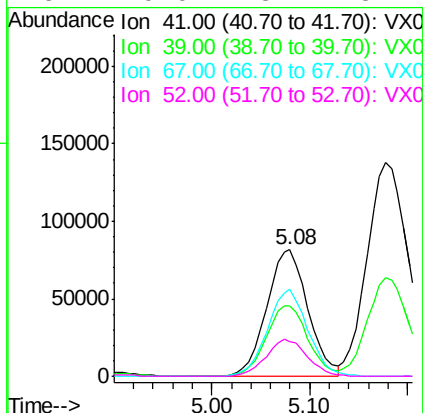
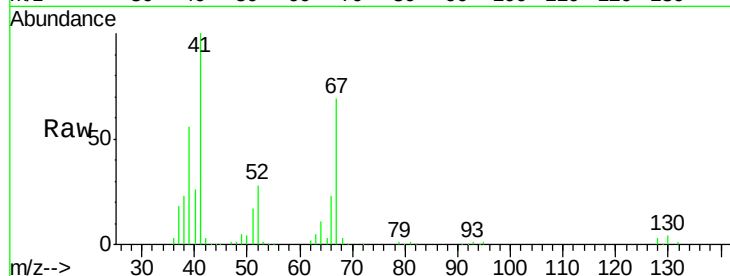




#41
Methacrylonitrile
Concen: 107.10 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

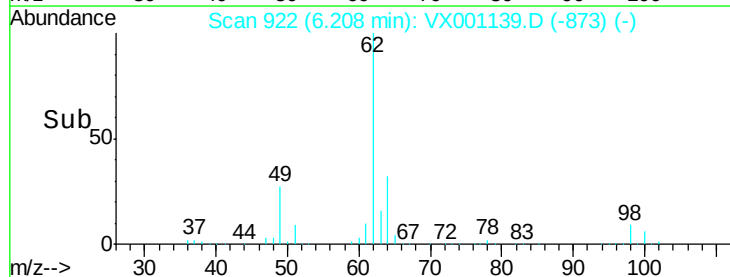
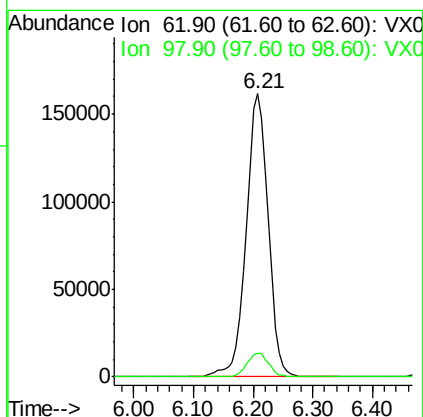
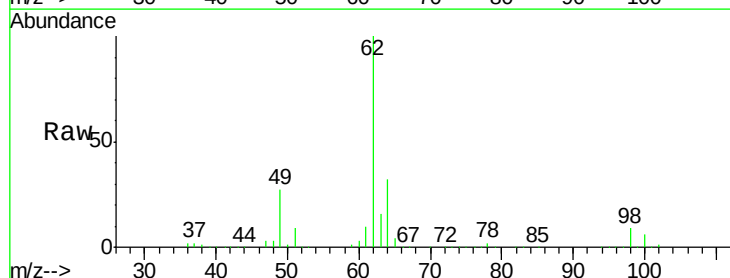
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

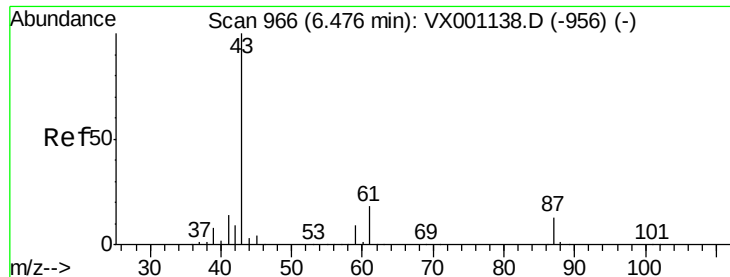
Tgt Ion:	41	Resp:	238409
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.9	68.9
67	67.9	53.2	79.8
52	29.0	23.1	34.7



#42
1,2-Dichloroethane
Concen: 101.44 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

Tgt Ion:	62	Resp:	413951
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0





#43

Isopropyl Acetate

Concen: 114.28 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

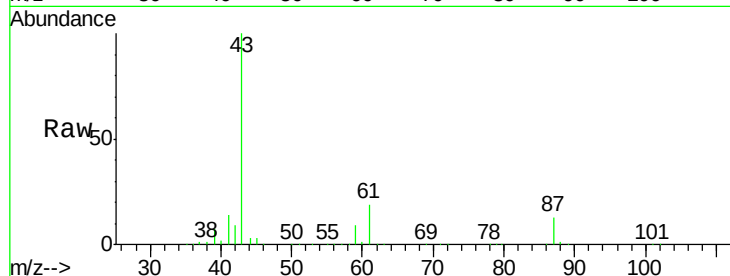
Tgt Ion: 43 Resp: 699508

Ion Ratio Lower Upper

43 100

61 18.7 15.0 22.6

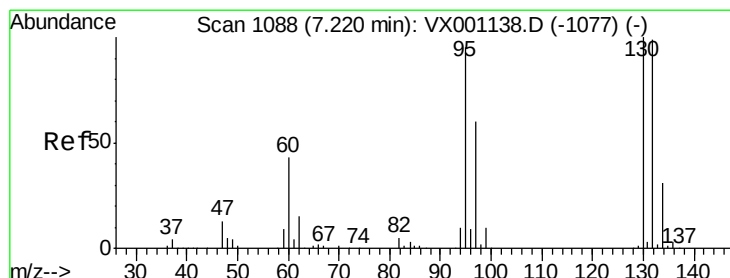
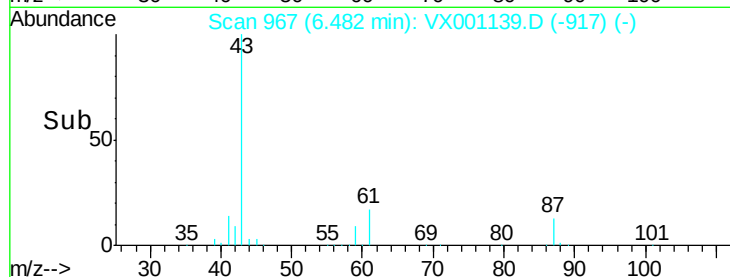
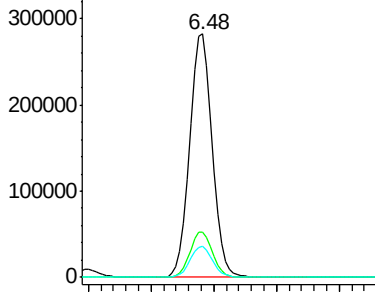
87 12.9 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 96.60 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001139.D

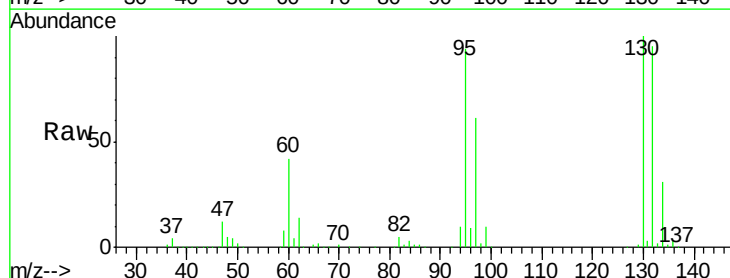
Acq: 26 Apr 2018 18:46

Tgt Ion: 130 Resp: 309027

Ion Ratio Lower Upper

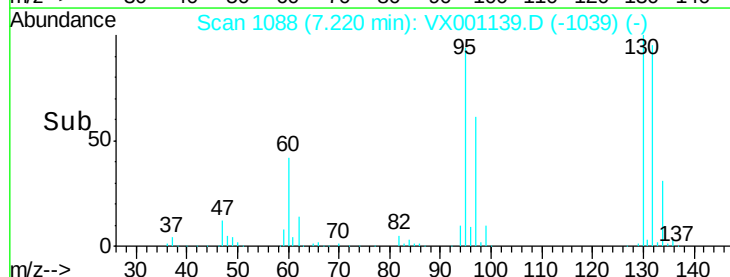
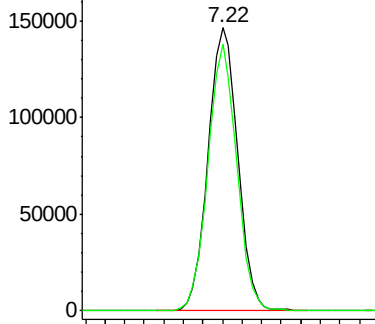
130 100

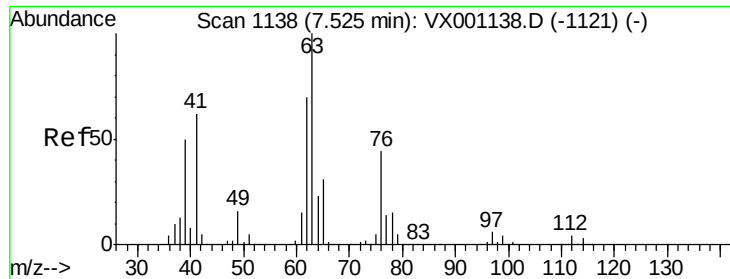
95 94.4 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

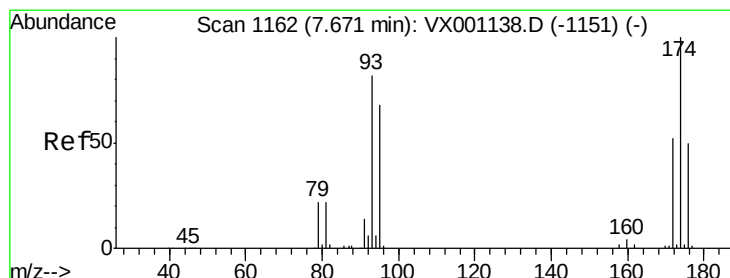
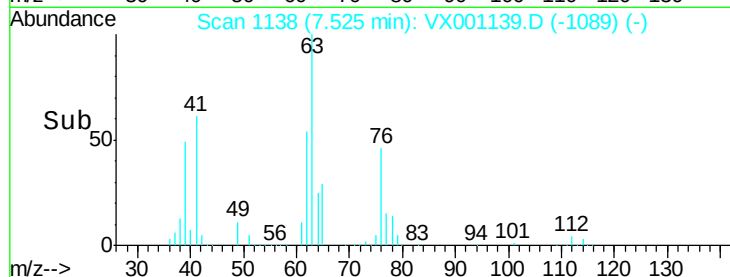
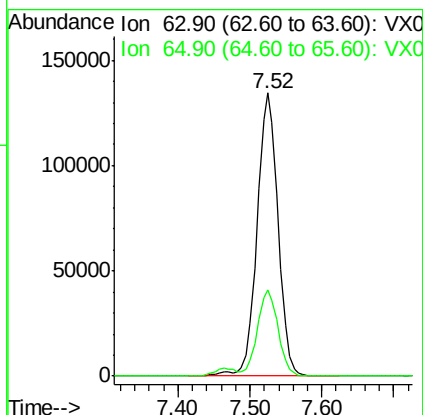
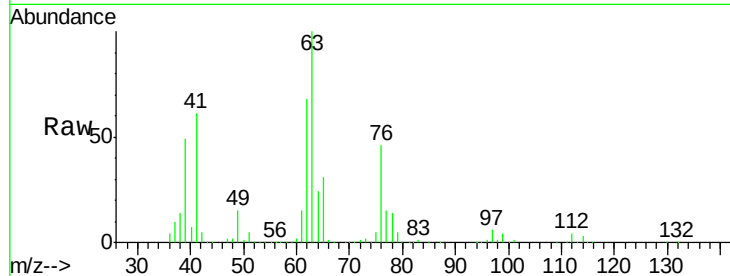




#45
 1,2-Dichloropropane
 Concen: 102.46 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

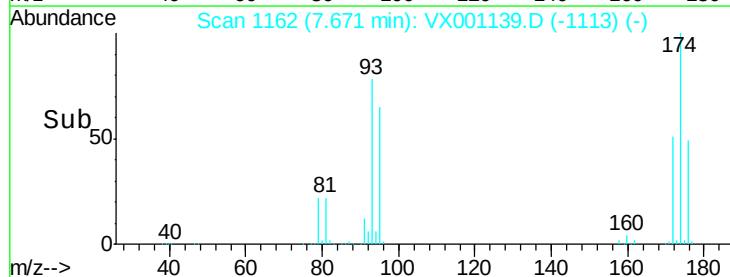
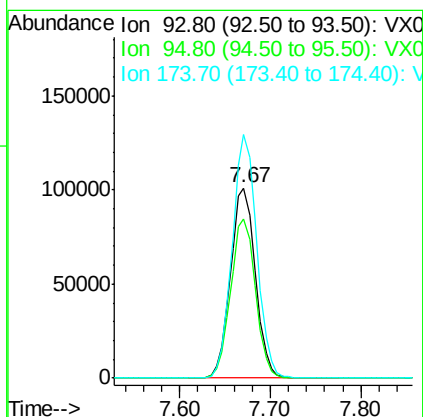
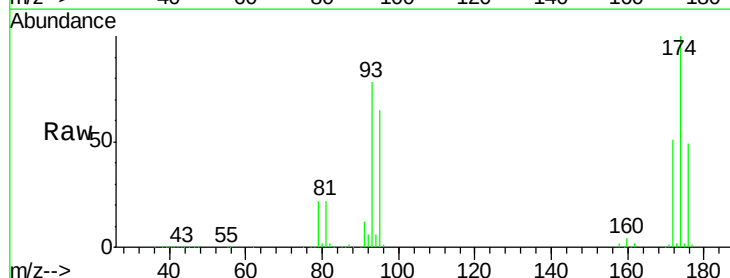
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

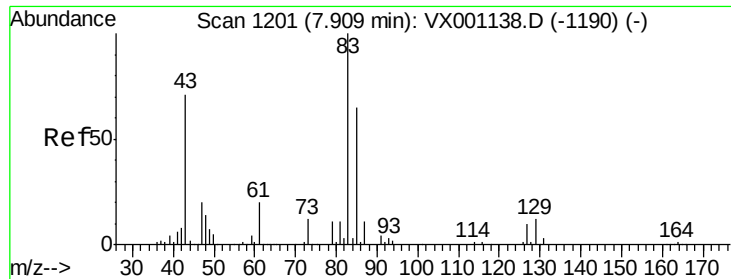
Tgt Ion: 63 Resp: 272496
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.9 37.3



#46
 Dibromomethane
 Concen: 103.28 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

Tgt Ion: 93 Resp: 192757
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.4 99.6
 174 126.1 99.6 149.4





#47

Bromodichloromethane

Concen: 108.65 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

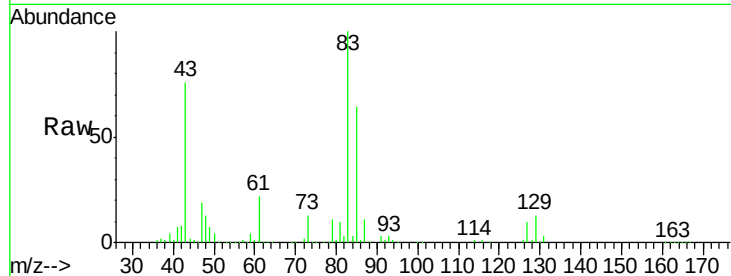
Tgt Ion: 83 Resp: 373372

Ion Ratio Lower Upper

83 100

85 64.1 51.9 77.9

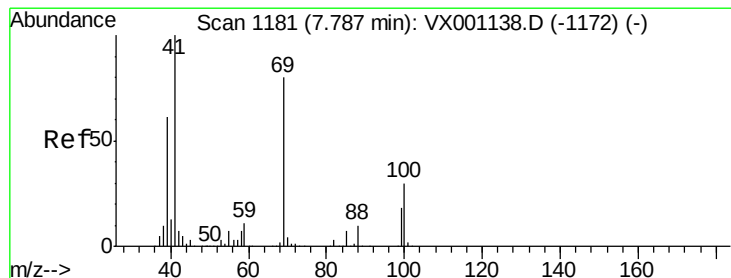
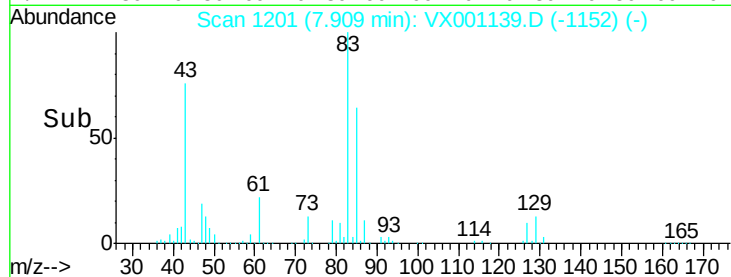
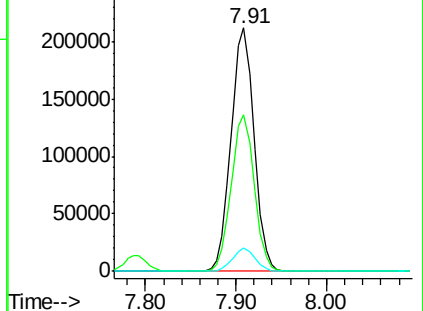
127 9.7 7.7 11.5



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: 111.73 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

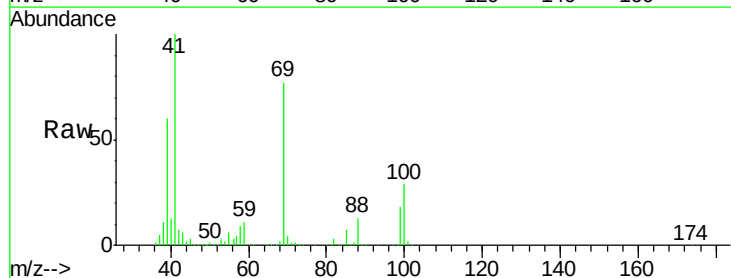
Tgt Ion: 41 Resp: 366598

Ion Ratio Lower Upper

41 100

69 78.4 62.4 93.6

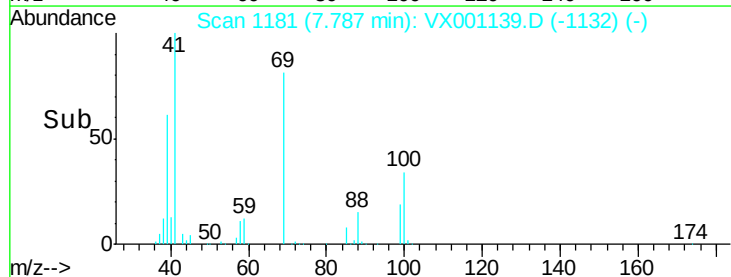
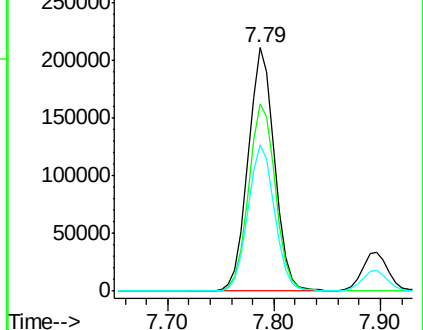
39 60.6 48.7 73.1

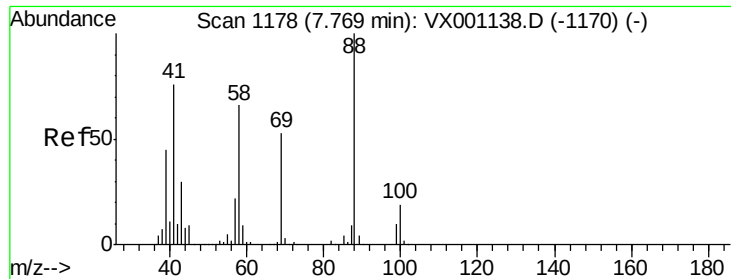


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

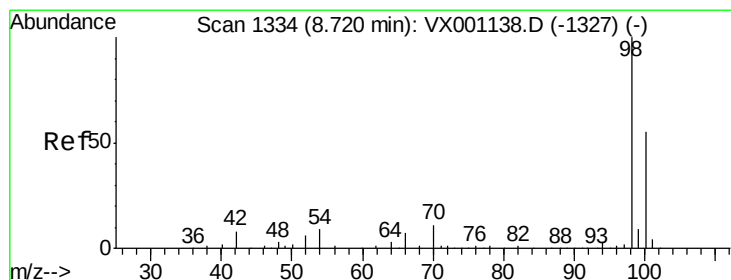
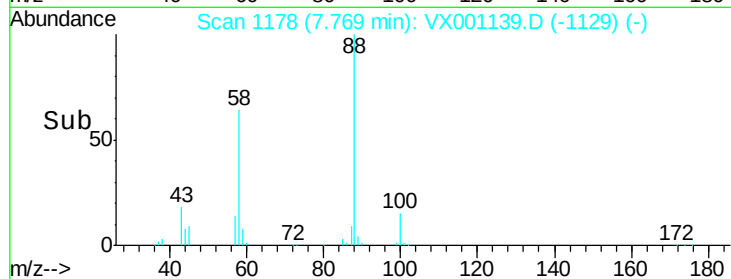
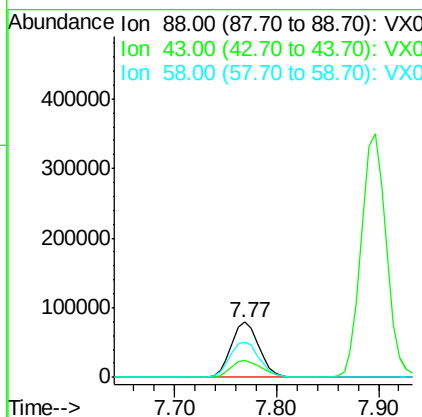
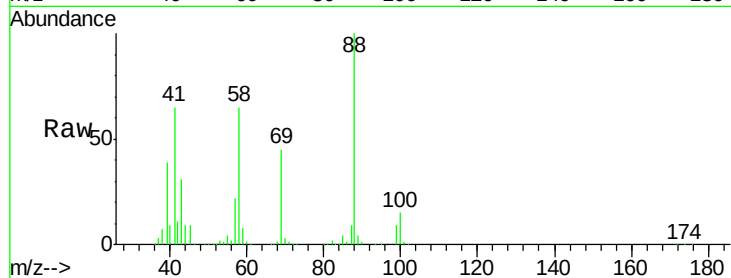




#49
 1,4-Dioxane
 Concen: 2837.94 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

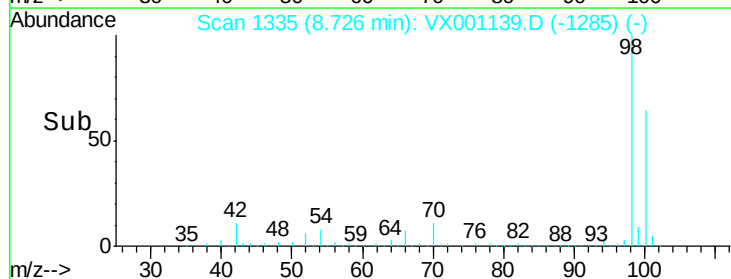
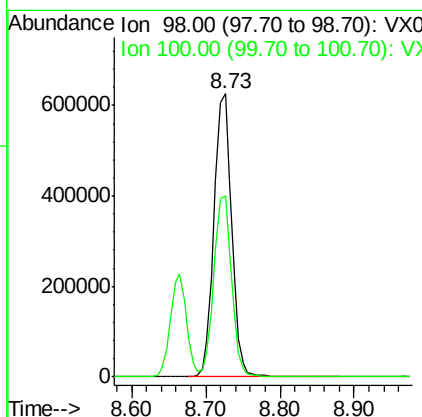
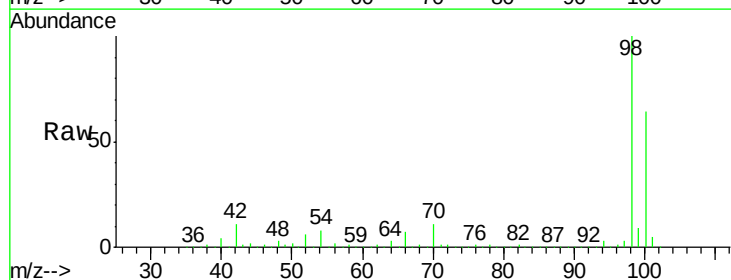
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

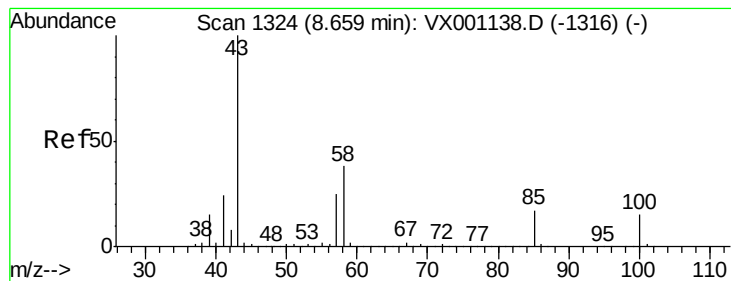
Tgt Ion: 88 Resp: 148316
 Ion Ratio Lower Upper
 88 100
 43 34.5 27.3 40.9
 58 68.9 54.2 81.4



#50
 Toluene-d8
 Concen: 110.30 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

Tgt Ion: 98 Resp: 1020218
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 610.48 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

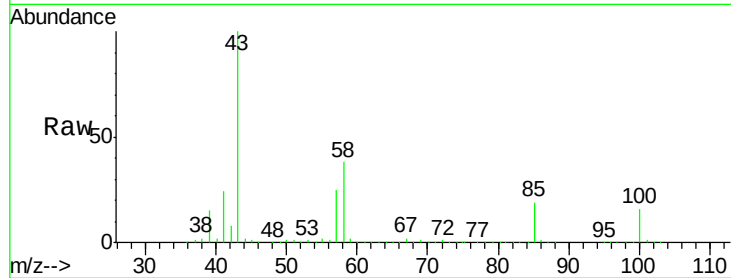
VSTDIC100

Tgt Ion: 43 Resp: 2304193

Ion Ratio Lower Upper

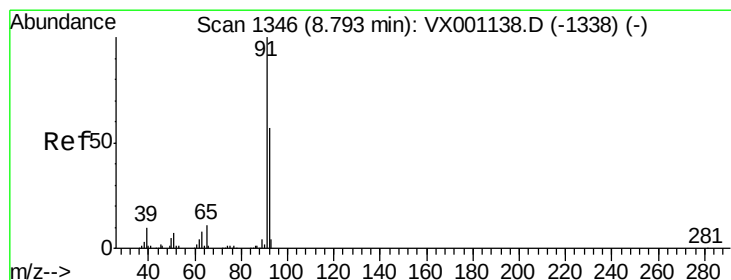
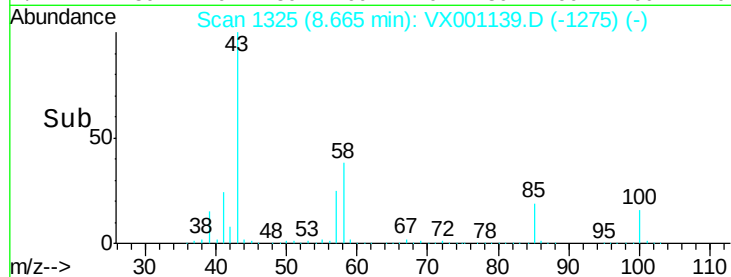
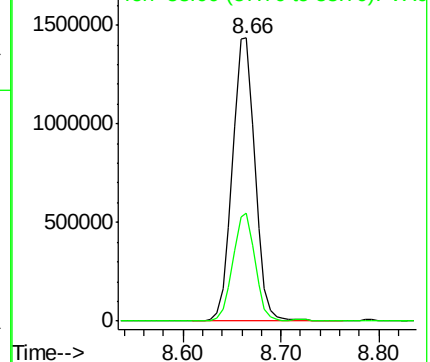
43 100

58 37.4 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 100.85 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001139.D

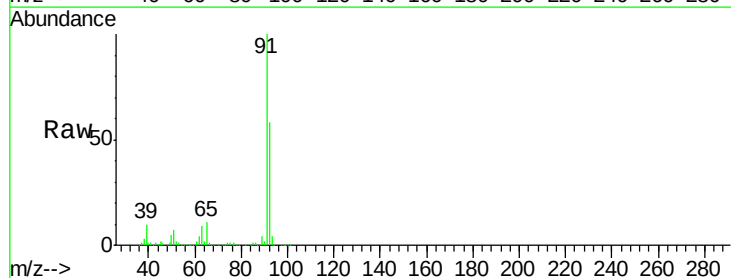
Acq: 26 Apr 2018 18:46

Tgt Ion: 92 Resp: 692423

Ion Ratio Lower Upper

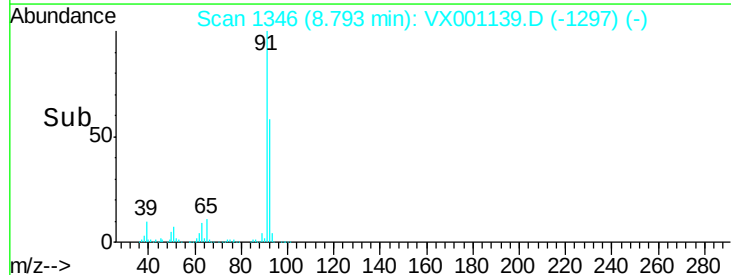
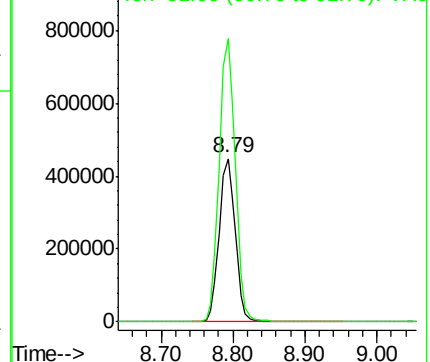
92 100

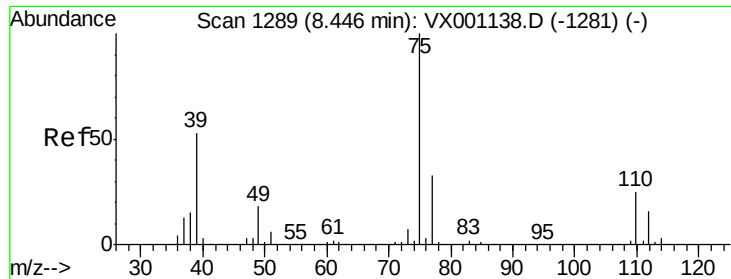
91 174.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 109.04 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

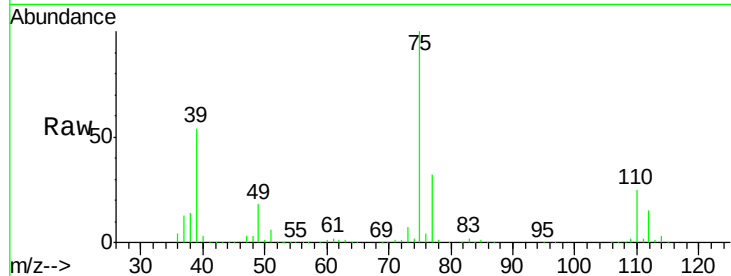
VSTDIC100

Tgt Ion: 75 Resp: 446950

Ion Ratio Lower Upper

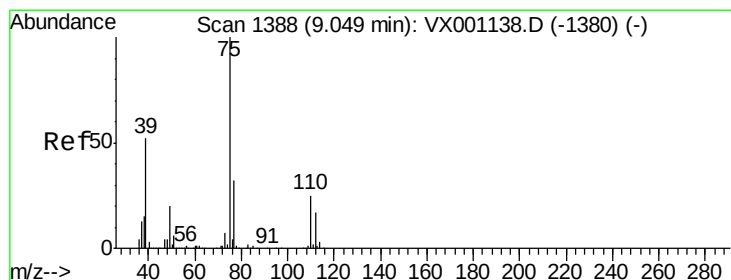
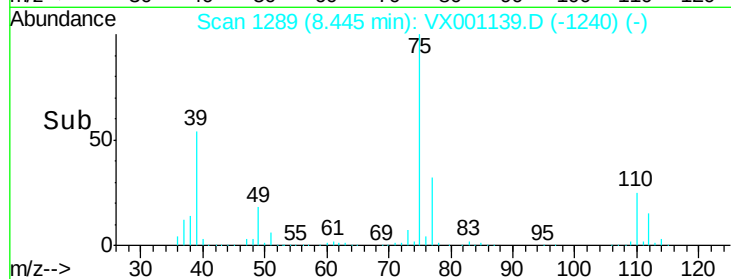
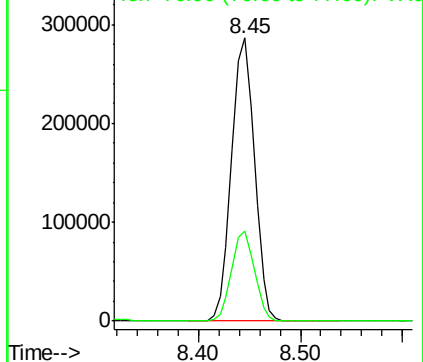
75 100

77 32.0 26.2 39.4



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: 113.06 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

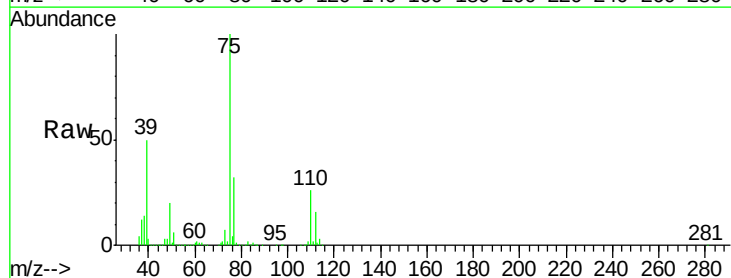
Tgt Ion: 75 Resp: 436655

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

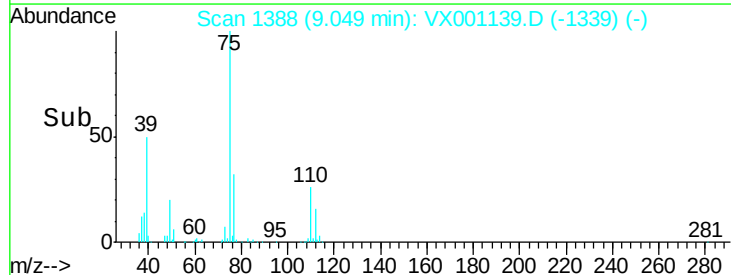
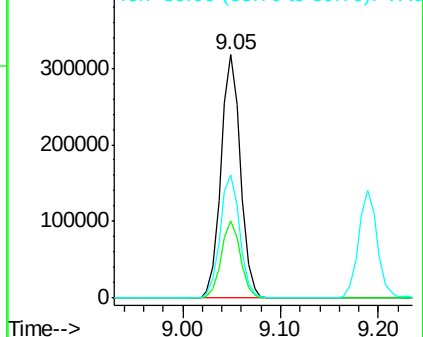
39 50.4 42.0 63.0

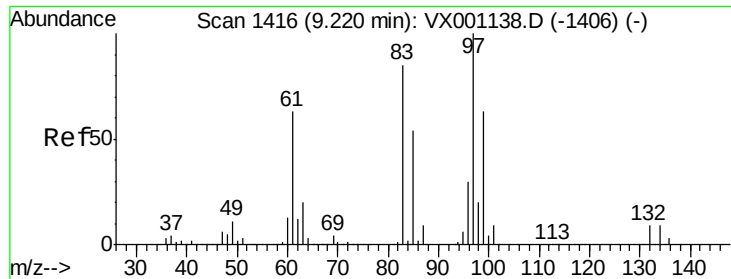


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

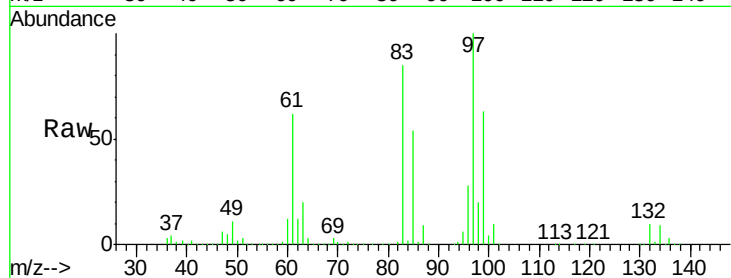




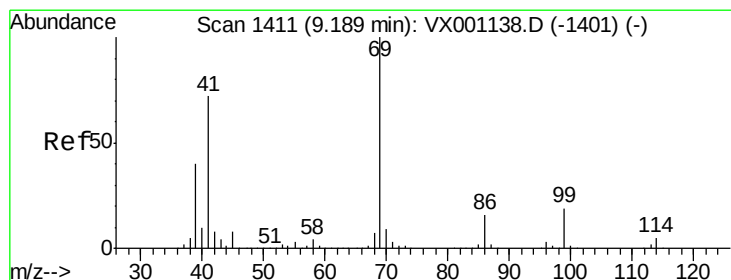
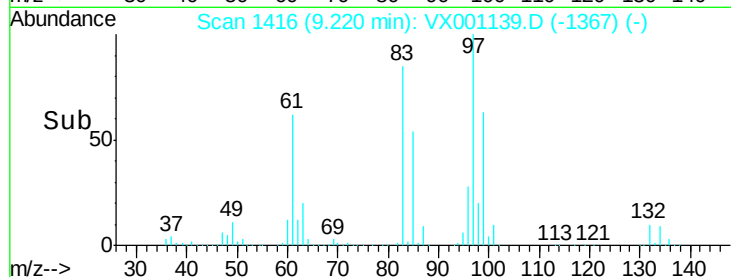
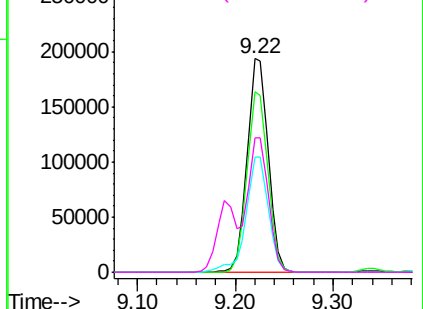
#55
 1,1,2-Trichloroethane
 Concen: 105.21 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	290103
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.0	102.0
85	54.0	42.9	64.3
99	62.7	50.3	75.5

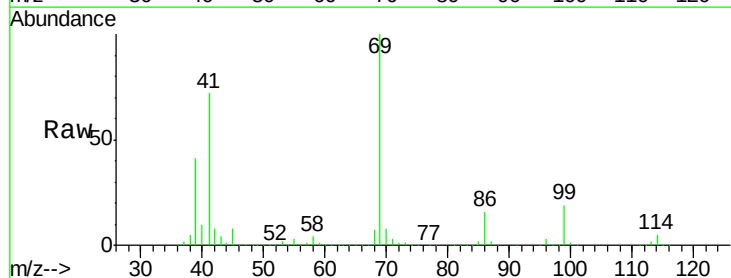


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

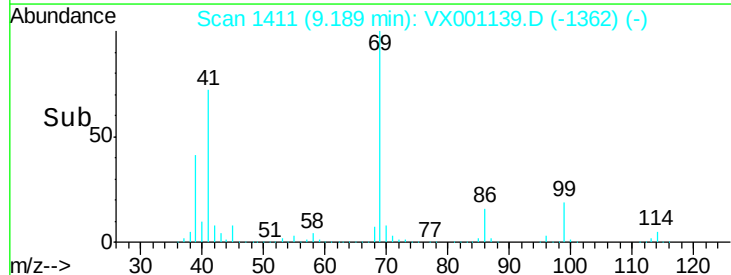
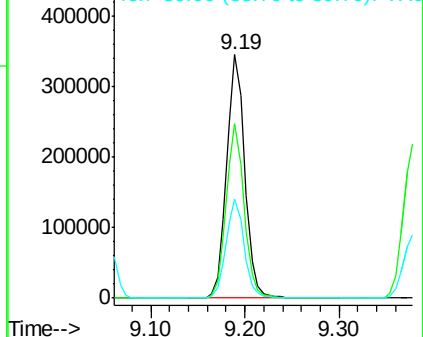


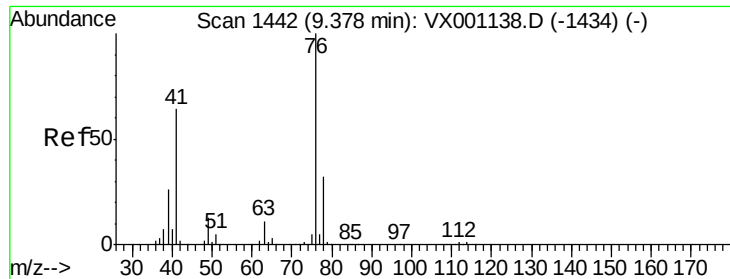
#56
 Ethyl methacrylate
 Concen: 113.97 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

Tgt Ion:	69	Resp:	463973
Ion	Ratio	Lower	Upper
69	100		
41	70.7	57.7	86.5
39	40.6	33.3	49.9



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

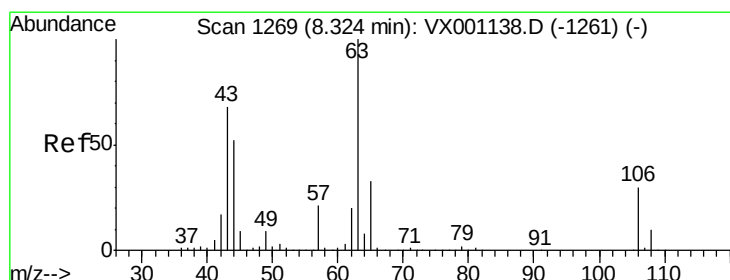
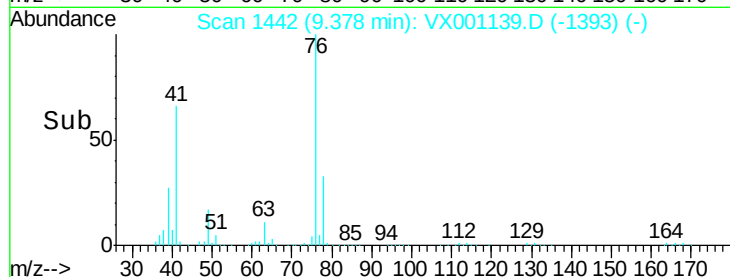
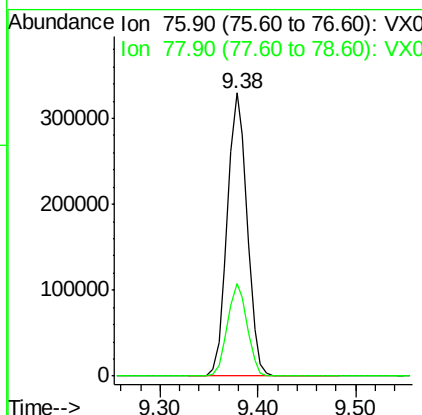
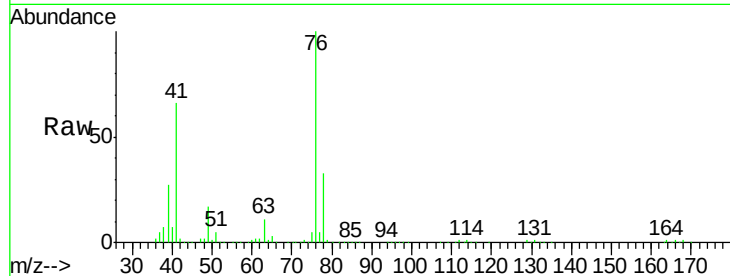




#57
 1,3-Dichloropropane
 Concen: 101.97 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

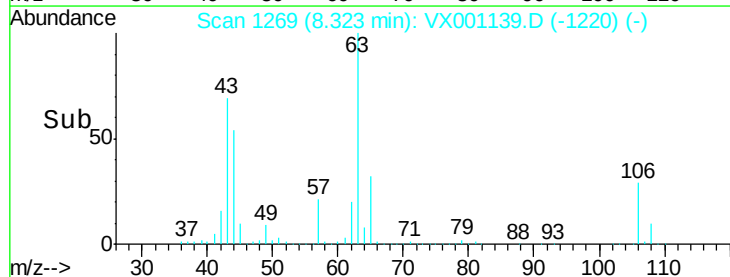
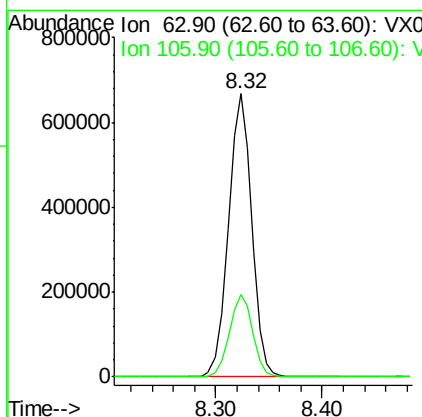
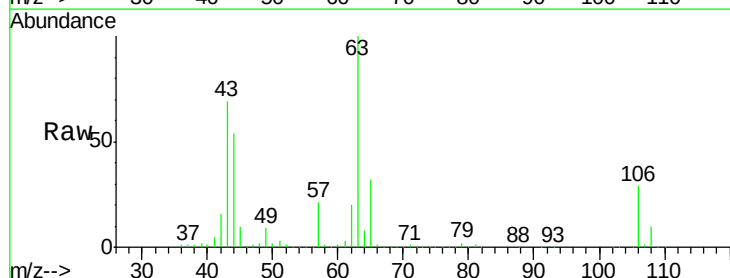
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

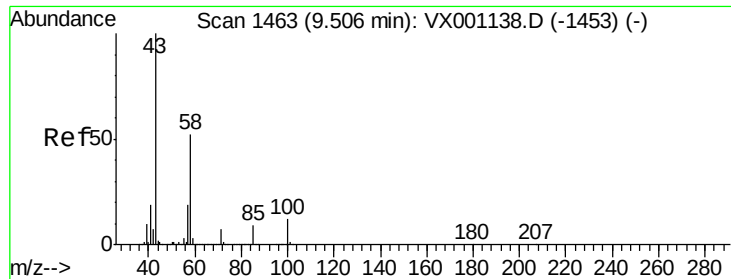
Tgt Ion: 76 Resp: 465207
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 517.12 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

Tgt Ion: 63 Resp: 1017890
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.7 35.5

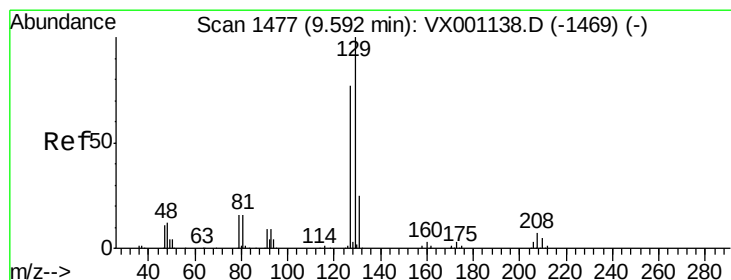
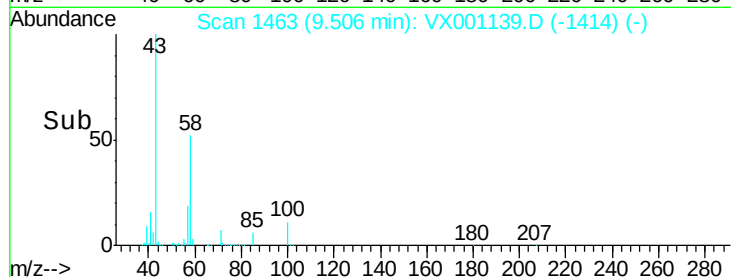
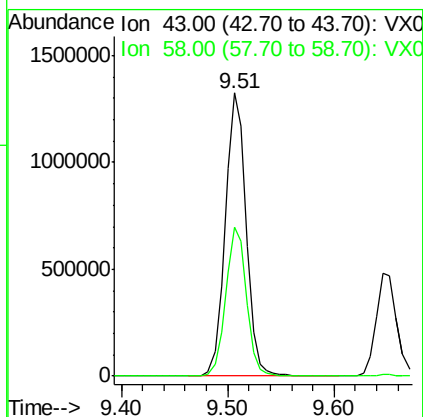
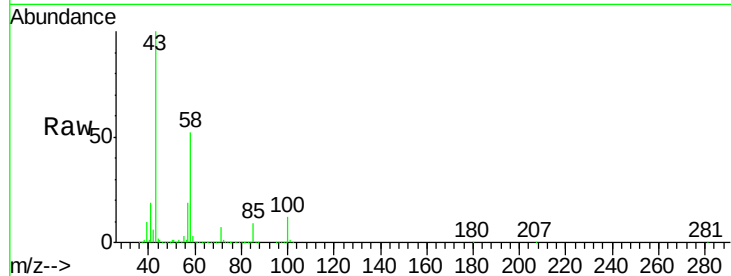




#59
2-Hexanone
Concen: 625.76 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

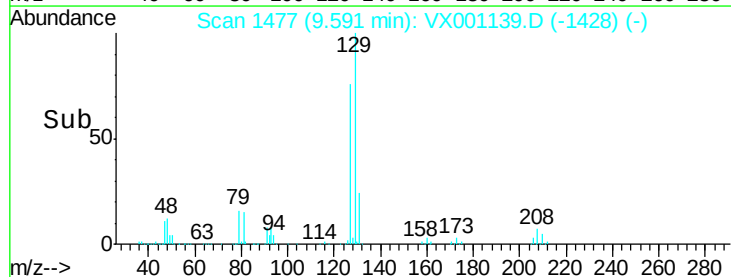
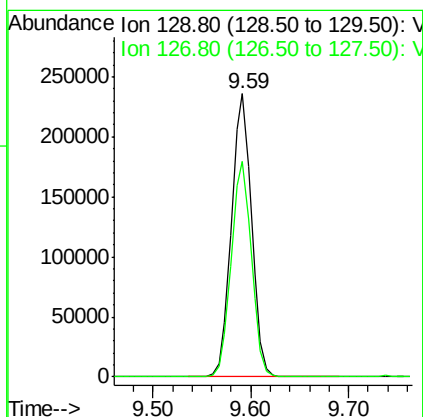
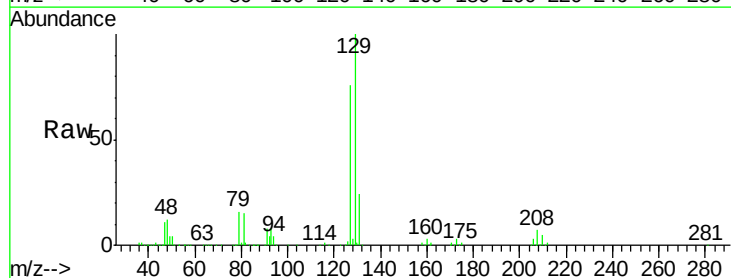
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

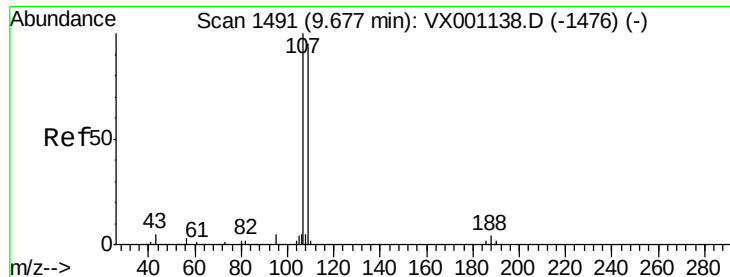
Tgt Ion: 43 Resp: 1816062
Ion Ratio Lower Upper
43 100
58 52.3 25.8 77.4



#60
Dibromochloromethane
Concen: 116.53 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

Tgt Ion: 129 Resp: 336221
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 108.39 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

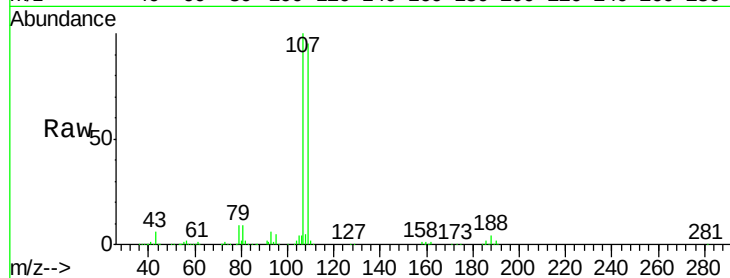
VSTDIC100

Tgt Ion: 107 Resp: 316345

Ion Ratio Lower Upper

107 100

109 94.5 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

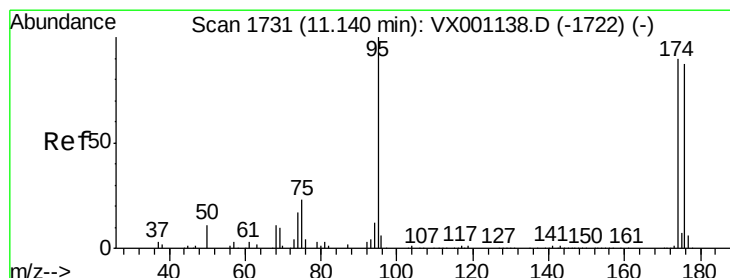
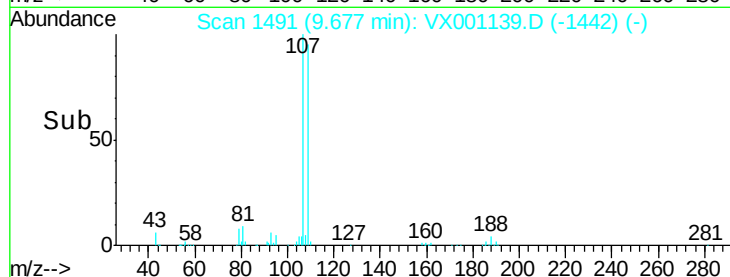
100000

50000

0

9.60 9.65 9.70 9.75 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 107.32 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

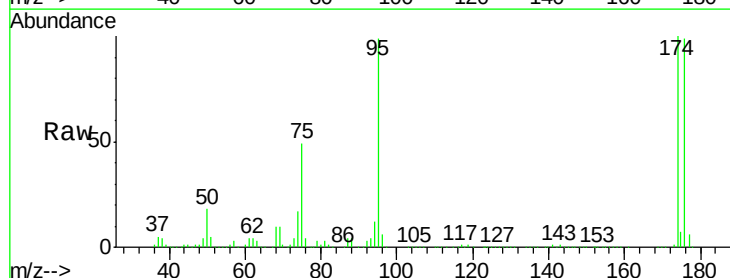
Tgt Ion: 95 Resp: 414236

Ion Ratio Lower Upper

95 100

174 97.7 0.0 194.4

176 95.5 0.0 190.2



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

400000

300000

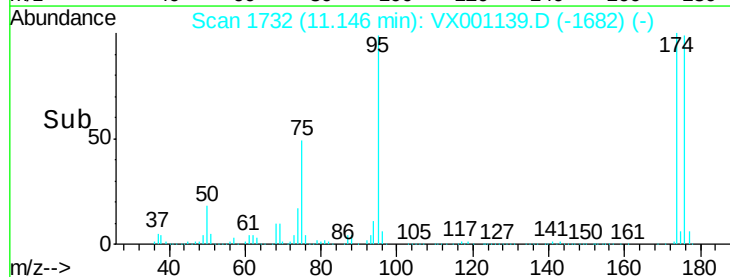
200000

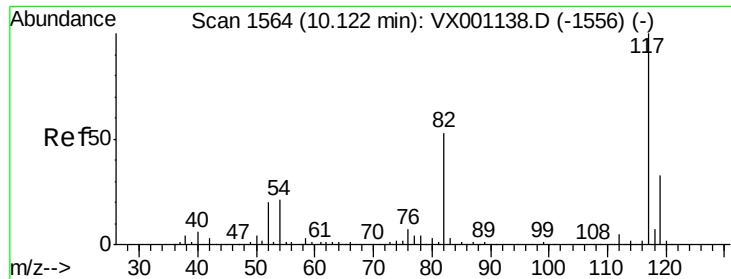
100000

0

11.10 11.15 11.20 11.25 11.30

Time-->

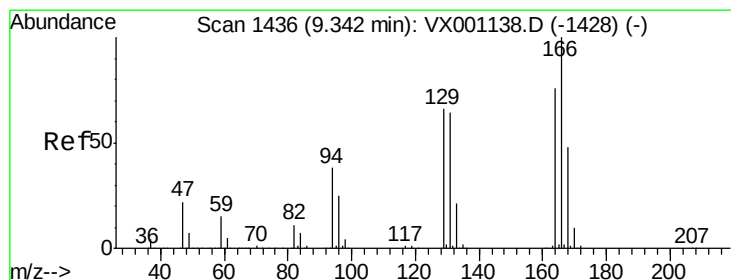
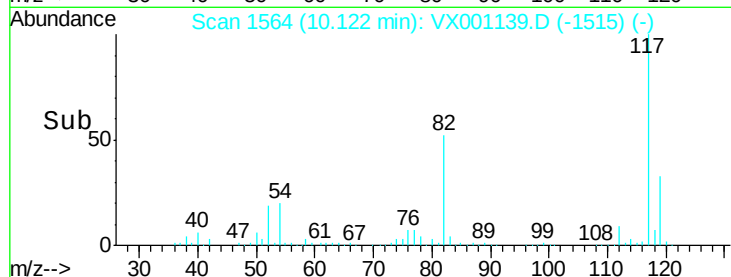
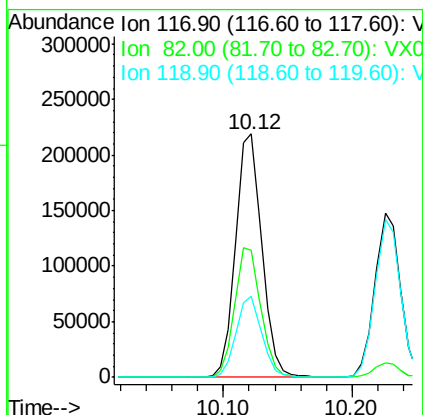
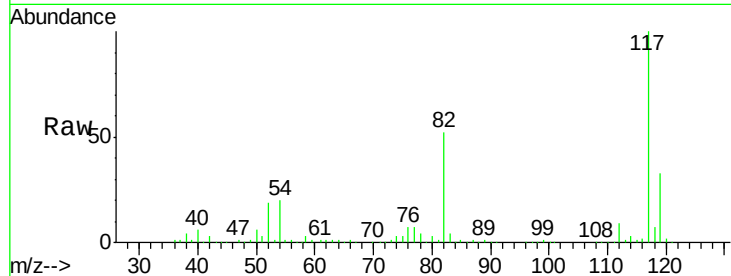




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

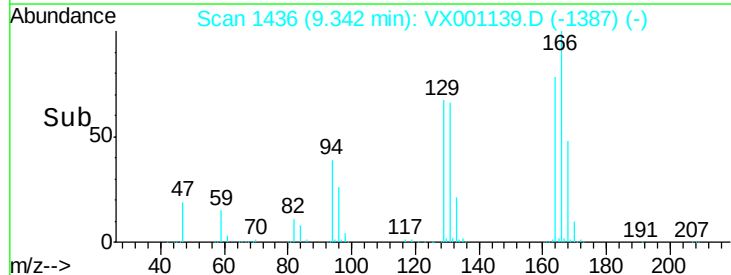
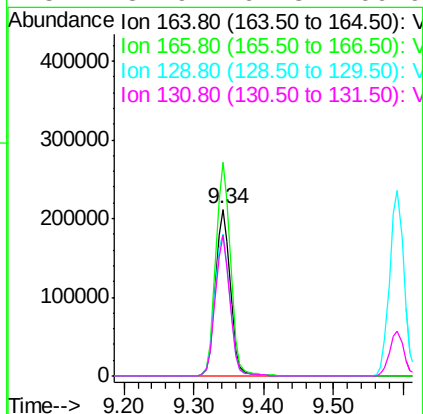
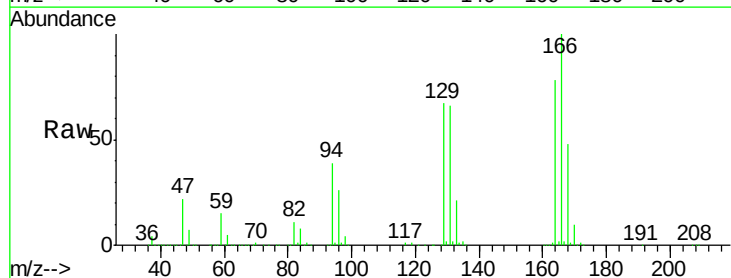
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

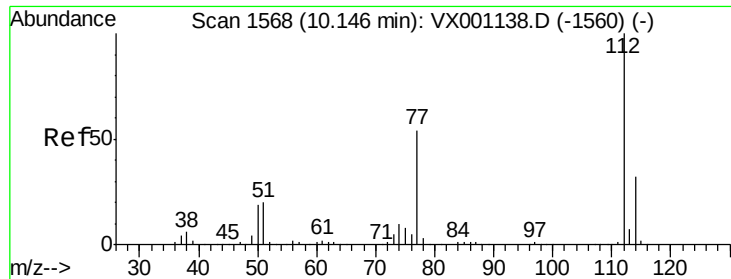
Tgt Ion:117 Resp: 311389
Ion Ratio Lower Upper
117 100
82 52.3 42.1 63.1
119 33.3 26.1 39.1



#64
Tetrachloroethene
Concen: 94.81 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

Tgt Ion:164 Resp: 312444
Ion Ratio Lower Upper
164 100
166 128.3 105.0 157.6
129 85.5 69.4 104.2
131 84.9 67.3 100.9





#65

Chlorobenzene

Concen: 98.79 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

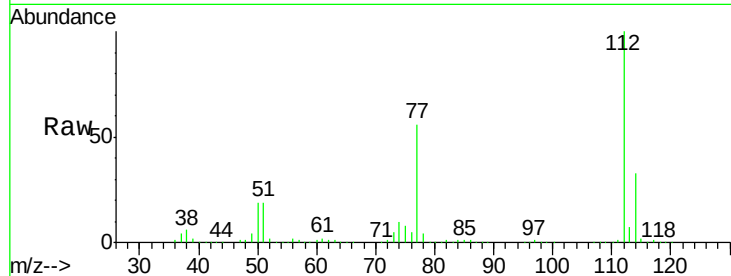
VSTDIC100

Tgt Ion:112 Resp: 816926

Ion Ratio Lower Upper

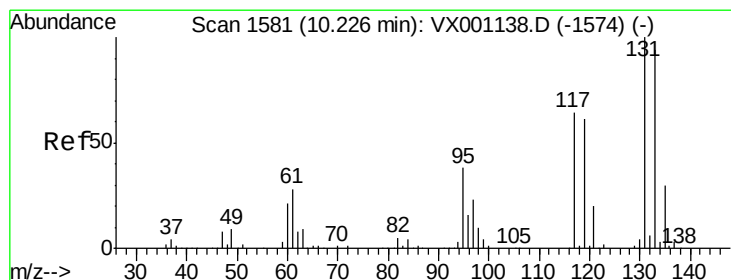
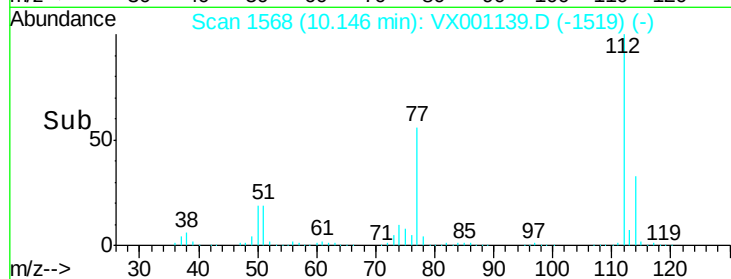
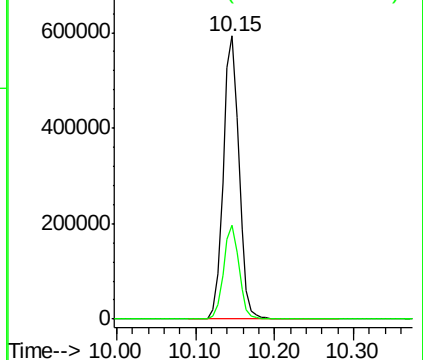
112 100

114 33.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 109.33 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

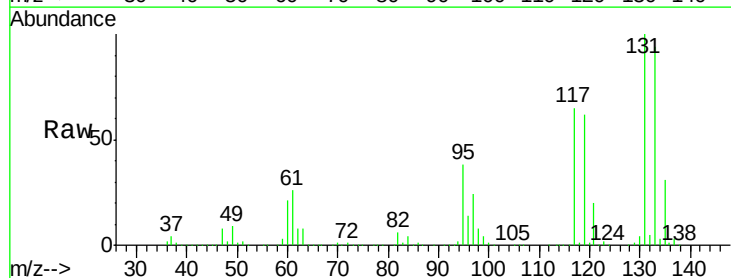
Tgt Ion:131 Resp: 311054

Ion Ratio Lower Upper

131 100

133 94.8 47.8 143.4

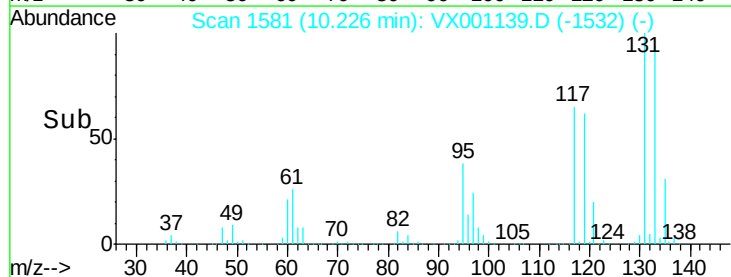
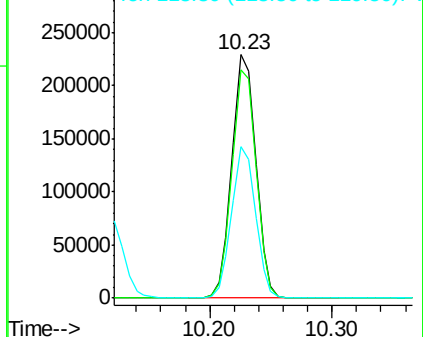
119 62.0 31.3 93.8

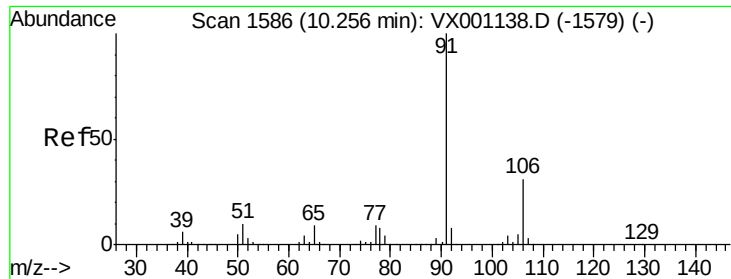


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

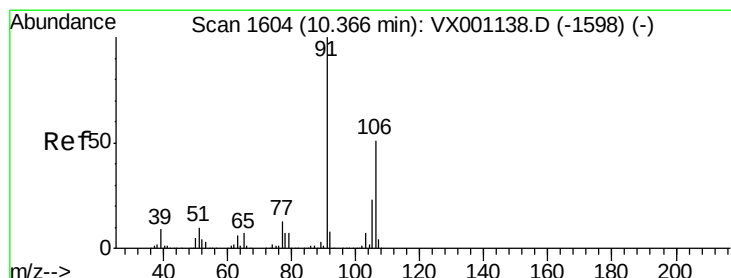
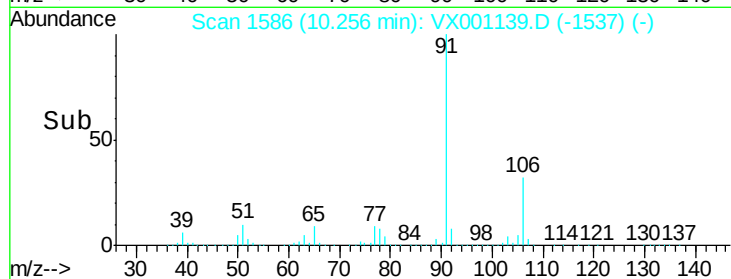
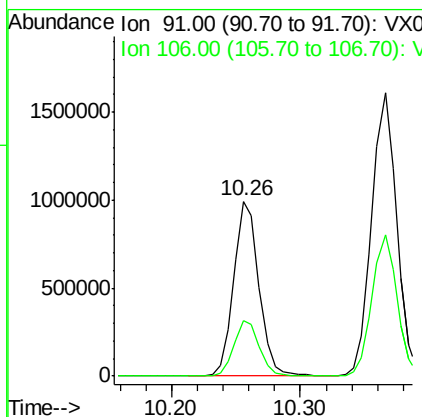
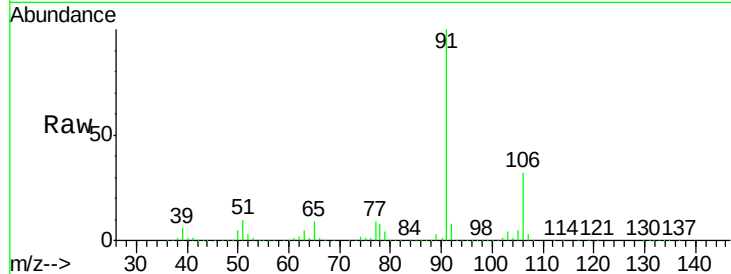




#67
Ethyl Benzene
Concen: 99.51 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

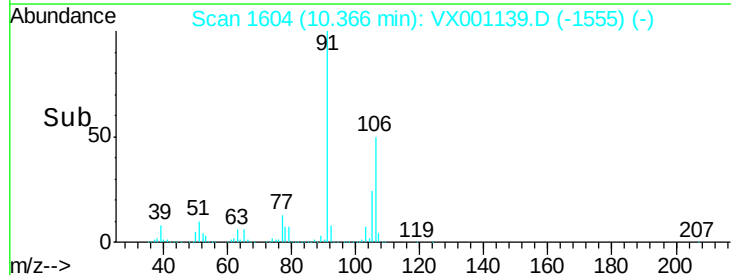
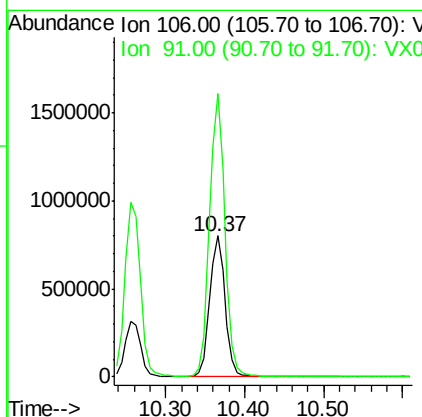
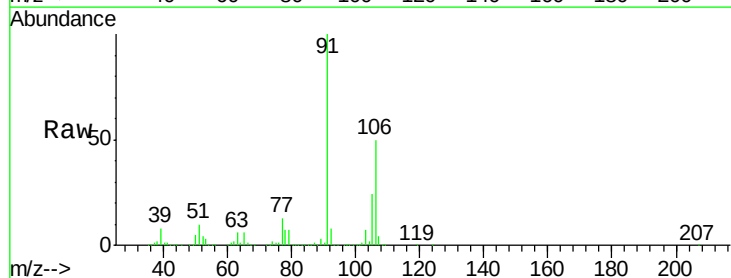
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

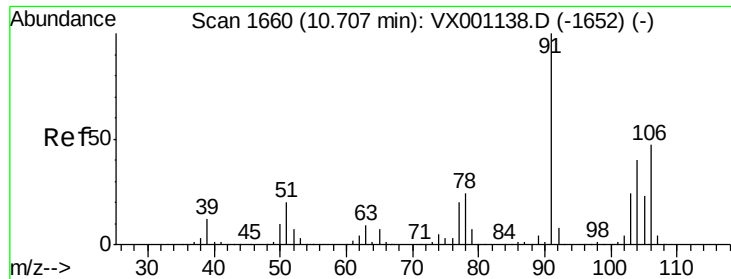
Tgt Ion: 91 Resp: 1361475
Ion Ratio Lower Upper
91 100
106 31.6 24.8 37.2



#68
m/p-Xylenes
Concen: 201.27 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

Tgt Ion: 106 Resp: 1085309
Ion Ratio Lower Upper
106 100
91 200.4 160.9 241.3

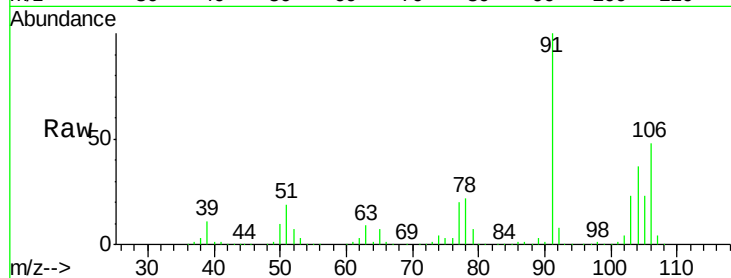




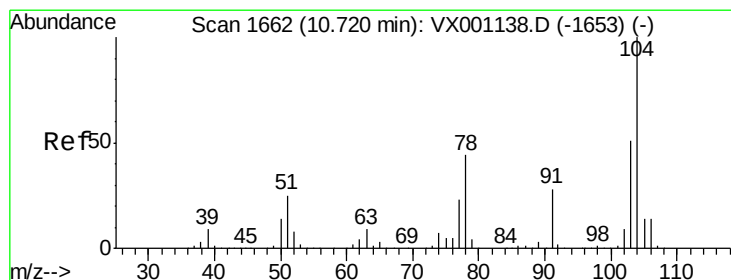
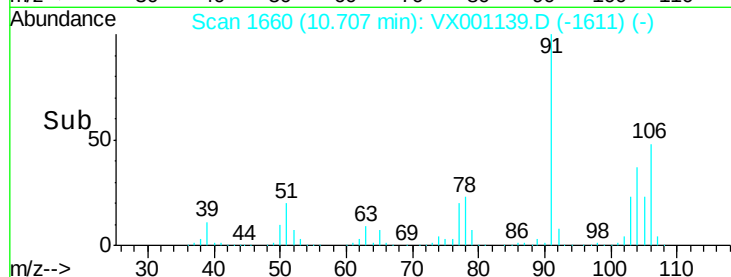
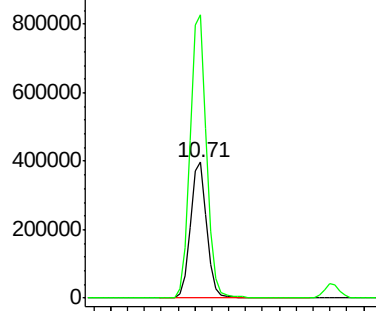
#69
o-Xylene
Concen: 101.80 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 530836
Ion Ratio Lower Upper
106 100
91 211.4 106.2 318.5

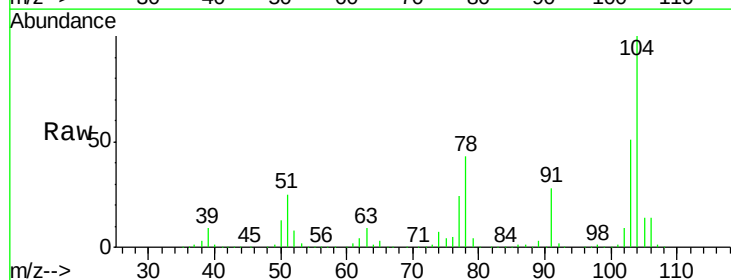


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

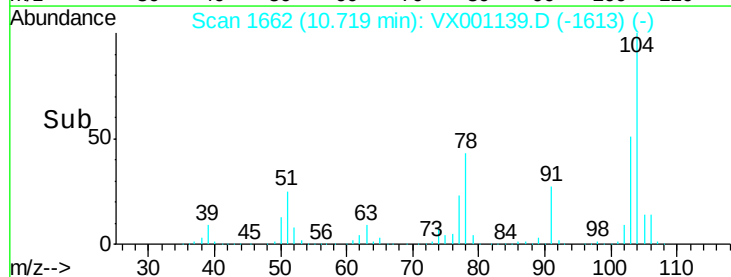
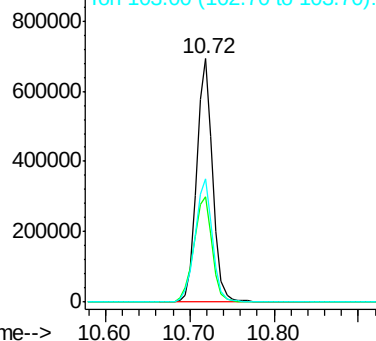


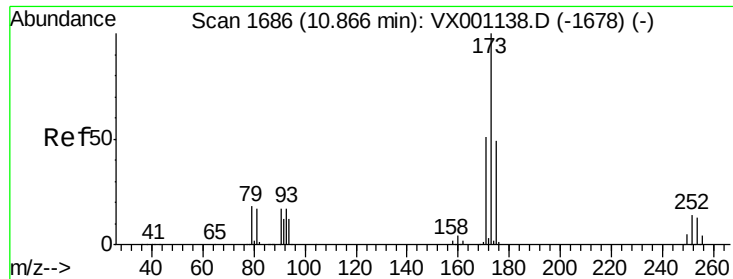
#70
Styrene
Concen: 105.57 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

Tgt Ion:104 Resp: 906159
Ion Ratio Lower Upper
104 100
78 49.8 40.3 60.5
103 55.2 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 125.74 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

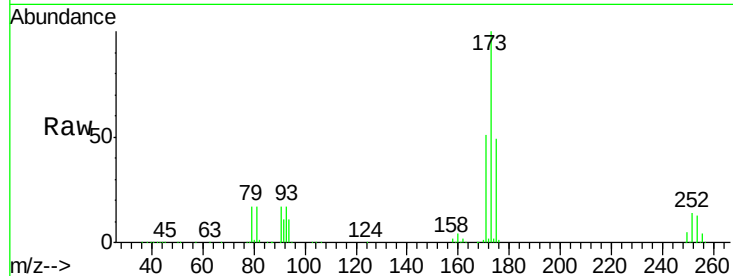
Tgt Ion:173 Resp: 295640

Ion Ratio Lower Upper

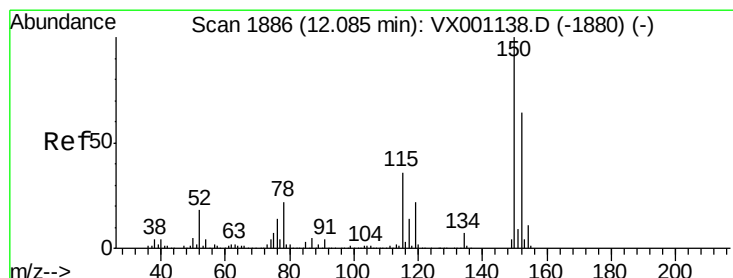
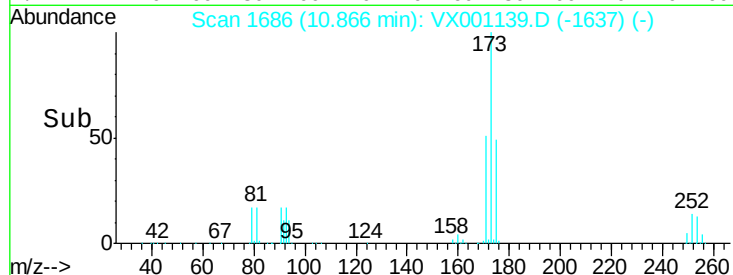
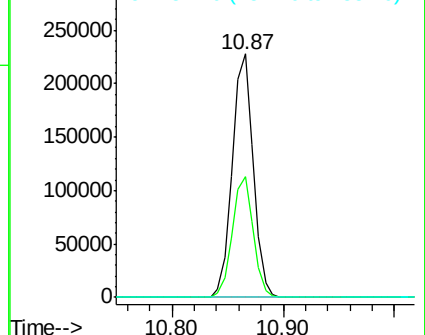
173 100

175 49.3 24.6 73.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

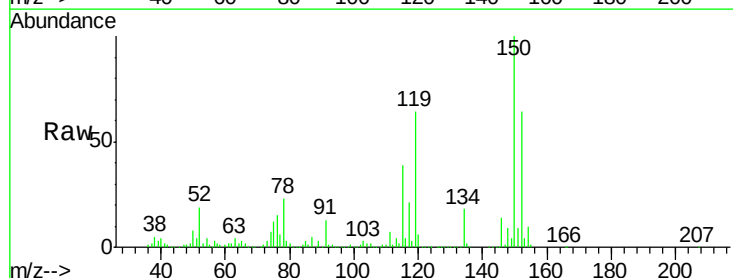
Tgt Ion:152 Resp: 218425

Ion Ratio Lower Upper

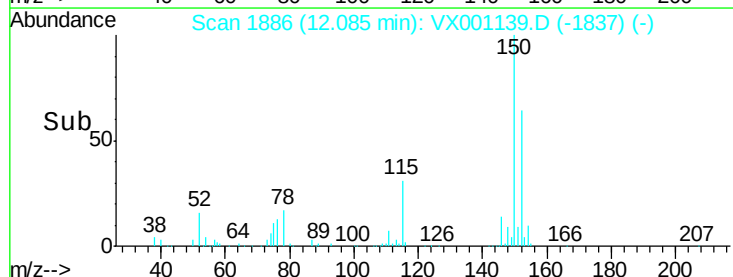
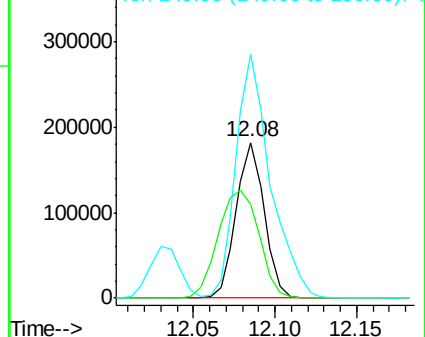
152 100

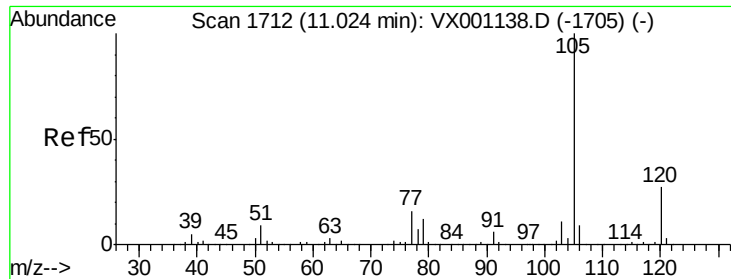
115 100.6 38.0 114.0

150 192.7 0.0 349.6



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: 99.87 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

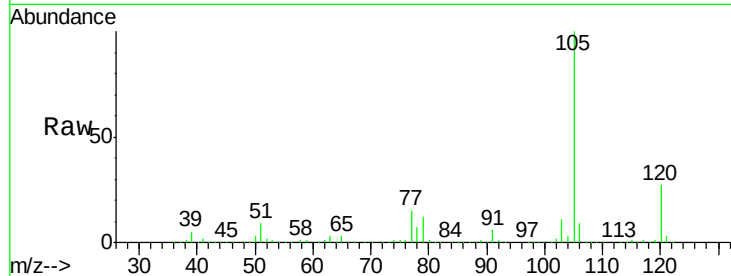
VSTDIC100

Tgt Ion: 105 Resp: 1418892

Ion Ratio Lower Upper

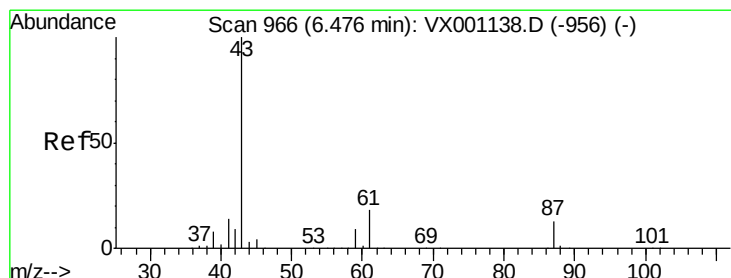
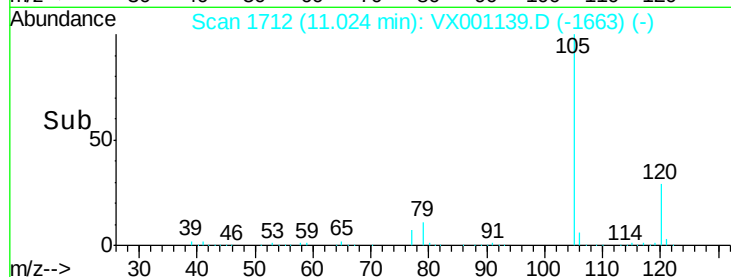
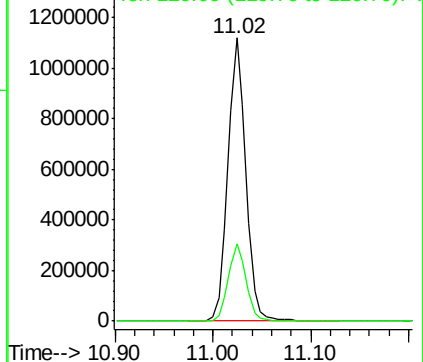
105 100

120 27.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 111.53 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Tgt Ion: 43 Resp: 699508

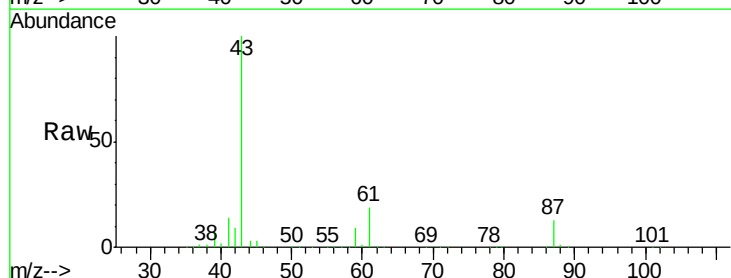
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.7 15.0 22.6

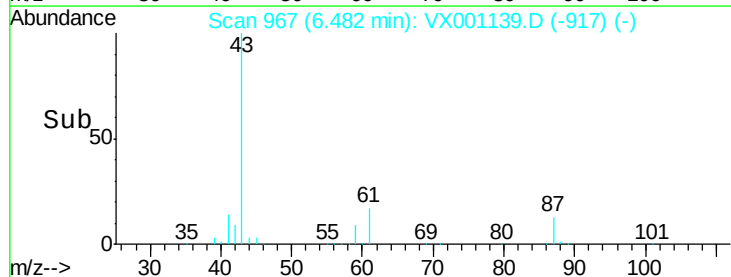
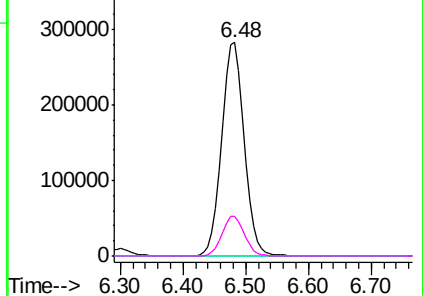


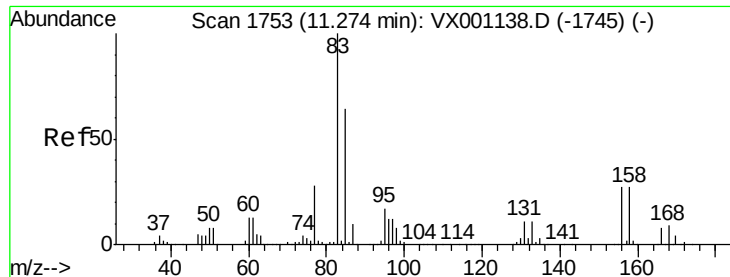
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 115.60 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

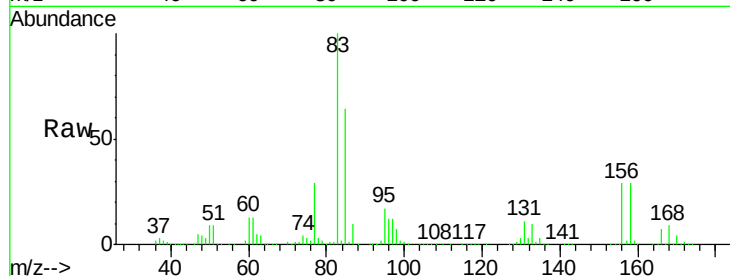
Tgt Ion: 83 Resp: 476974

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

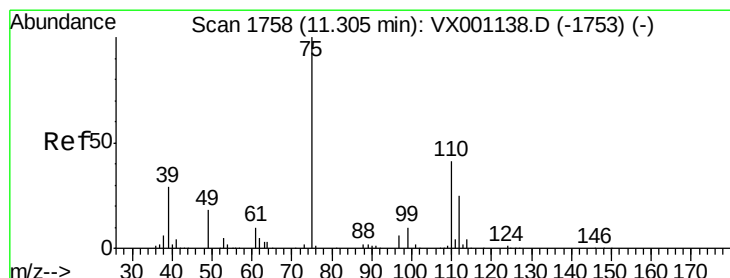
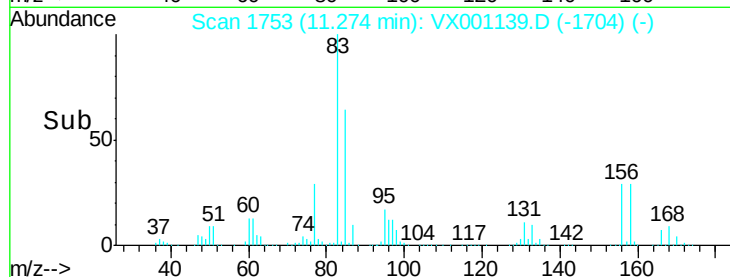
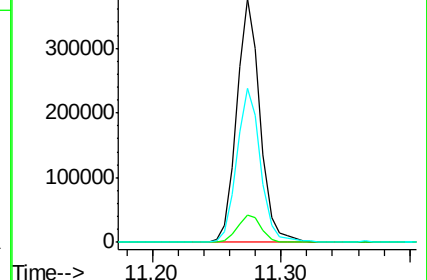
85 64.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 144.39 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001139.D

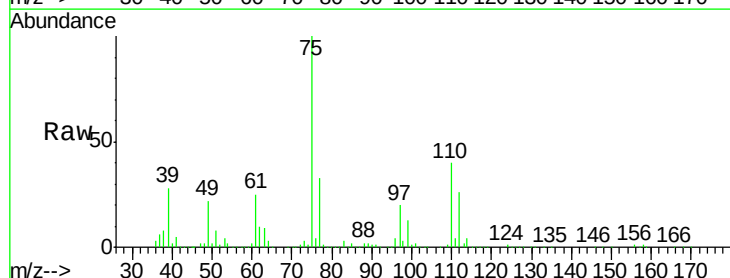
Acq: 26 Apr 2018 18:46

Tgt Ion: 75 Resp: 562690

Ion Ratio Lower Upper

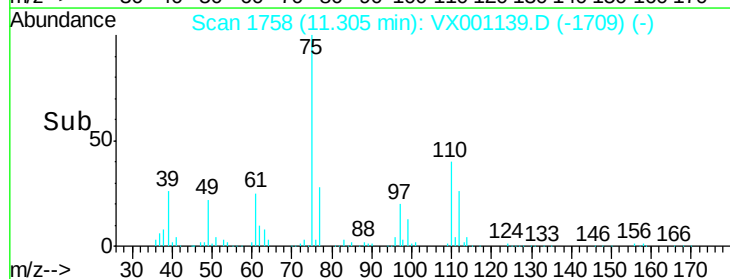
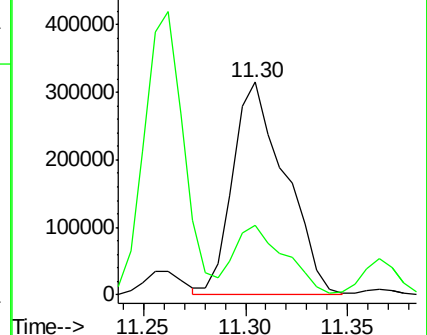
75 100

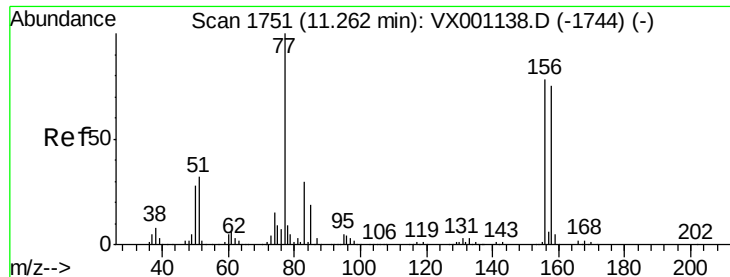
77 31.7 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 100.77 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

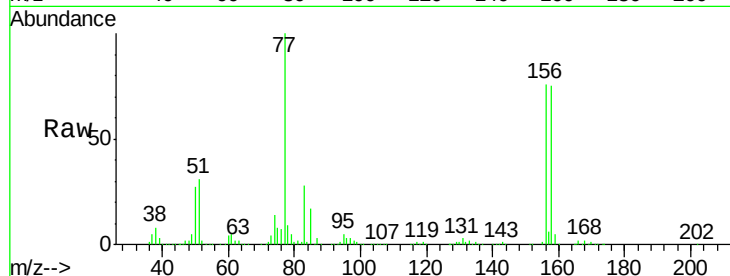
Tgt Ion:156 Resp: 416914

Ion Ratio Lower Upper

156 100

77 134.9 67.8 203.2

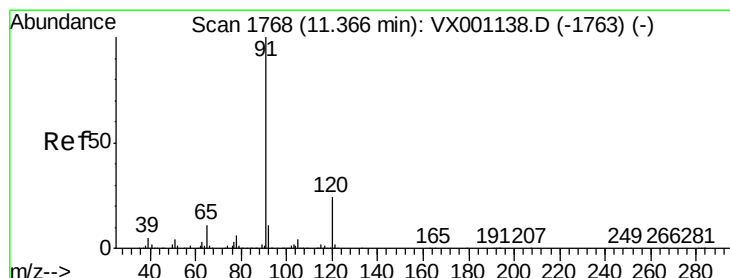
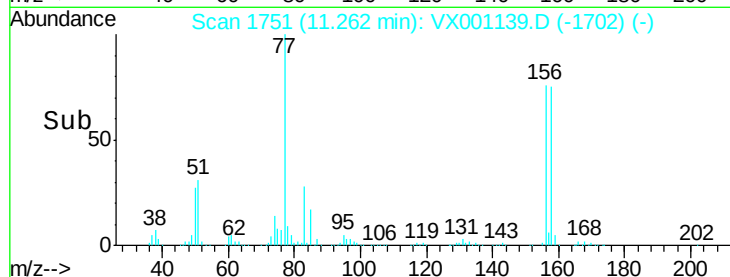
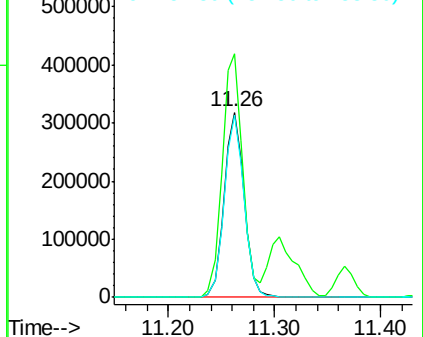
158 97.8 48.9 146.7



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: 97.41 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001139.D

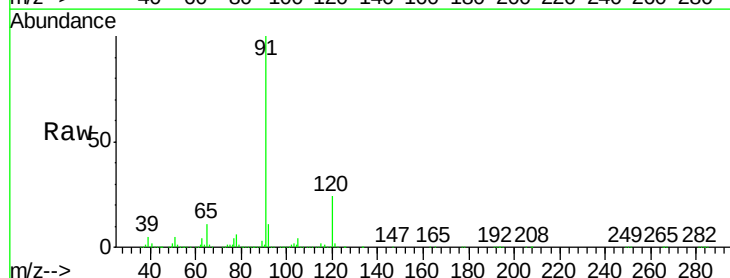
Acq: 26 Apr 2018 18:46

Tgt Ion: 91 Resp: 1587833

Ion Ratio Lower Upper

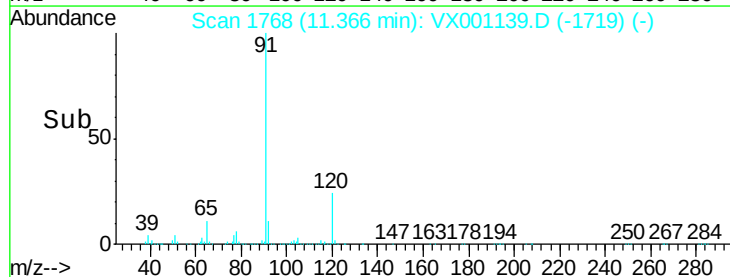
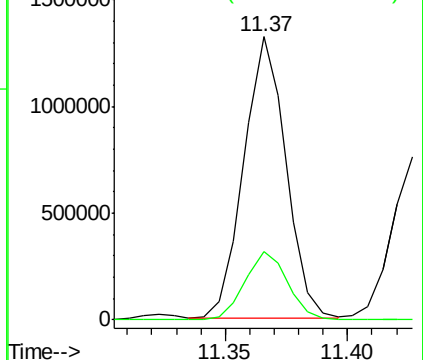
91 100

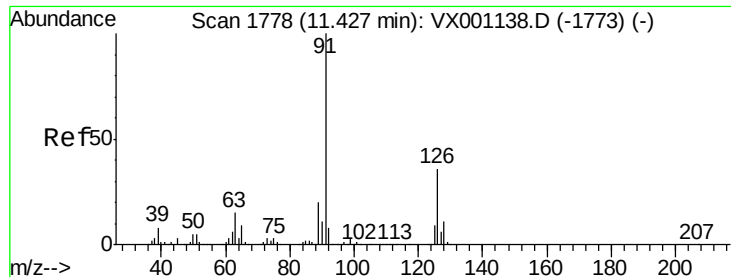
120 24.8 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 99.41 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

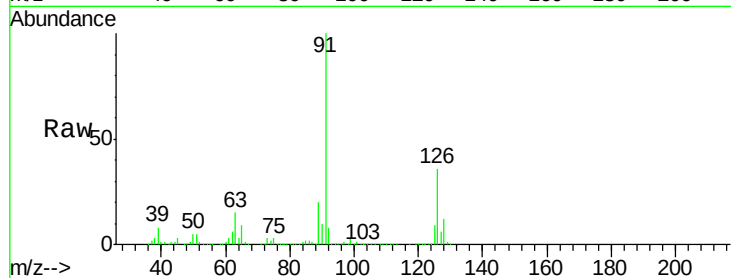
VSTDIC100

Tgt Ion: 91 Resp: 961614

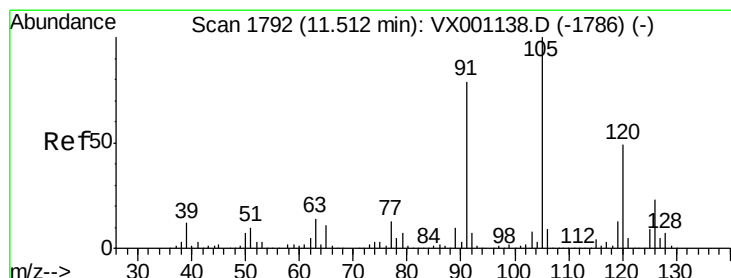
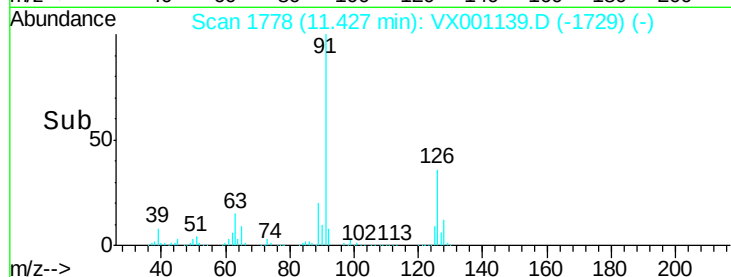
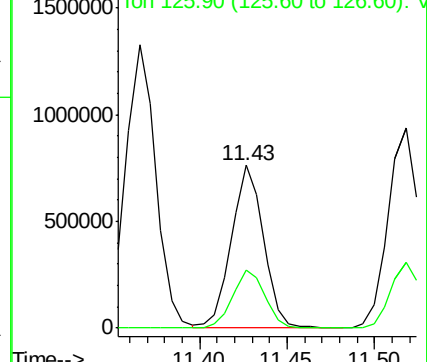
Ion Ratio Lower Upper

91 100

126 36.5 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VX001139.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 101.61 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001139.D

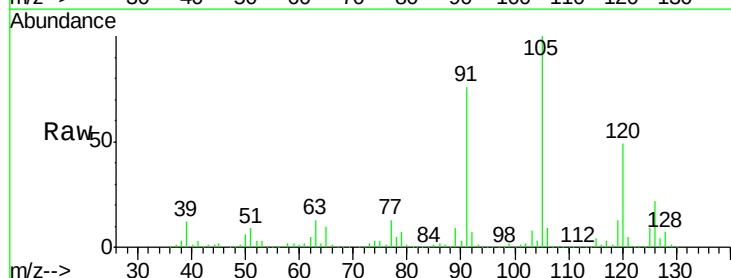
Acq: 26 Apr 2018 18:46

Tgt Ion: 105 Resp: 1226304

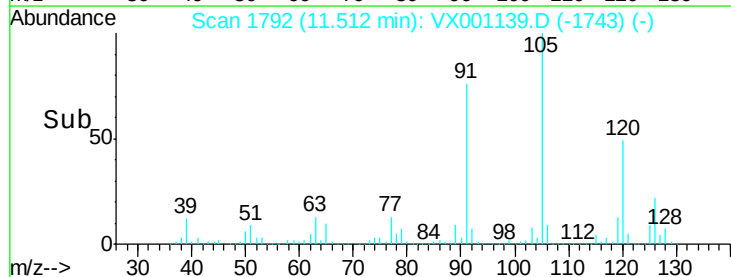
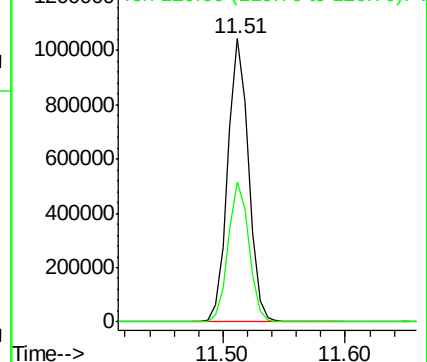
Ion Ratio Lower Upper

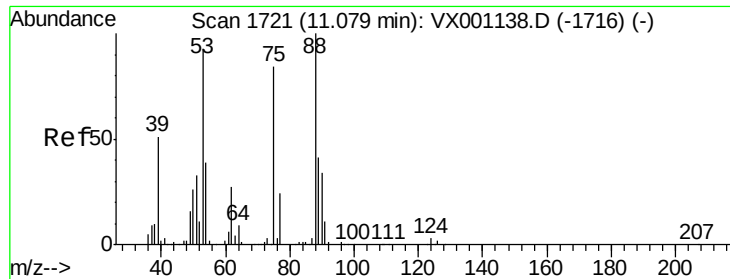
105 100

120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX001139.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 130.28 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

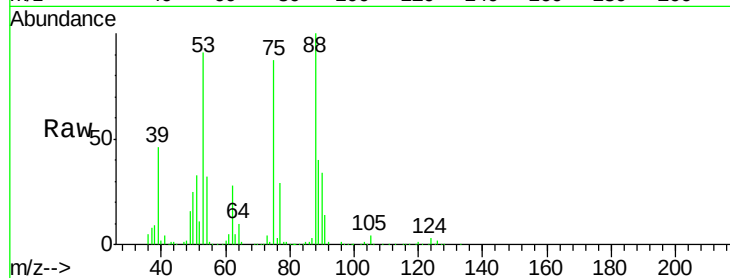
MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 141265

Ion	Ratio	Lower	Upper
75	100		
53	104.1	87.9	131.9
89	47.3	37.7	56.5

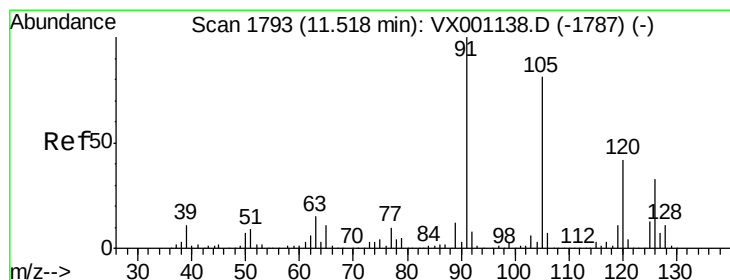
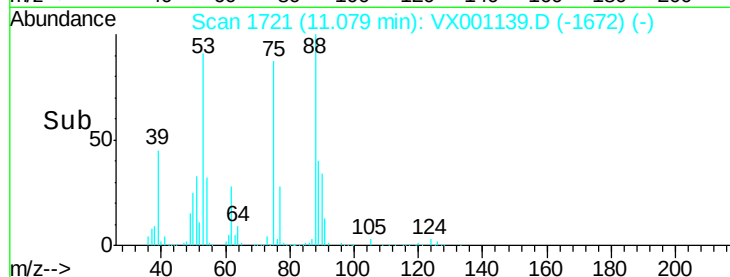
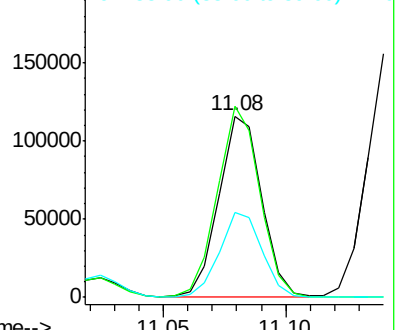


Abundance

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: 99.75 ug/l

RT: 11.52 min Scan# 1793

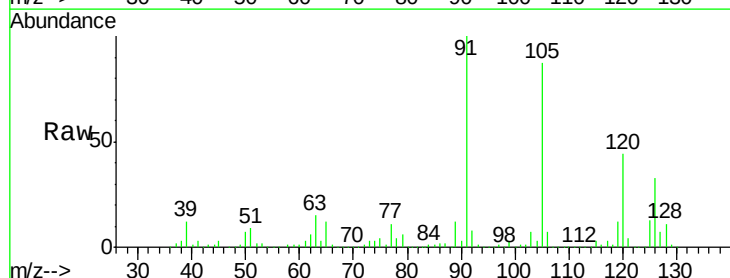
Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Tgt Ion: 91 Resp: 1165313

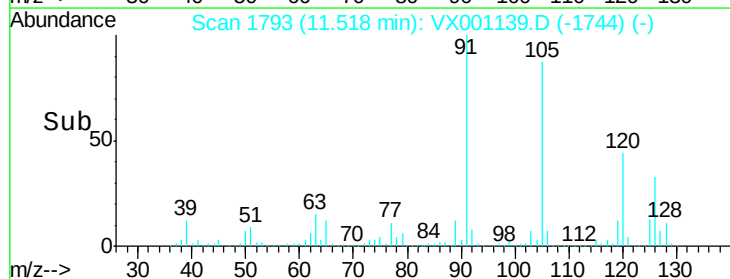
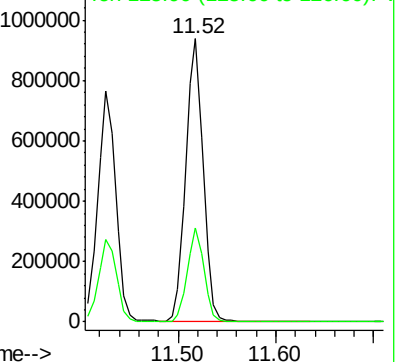
Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.8	47.4

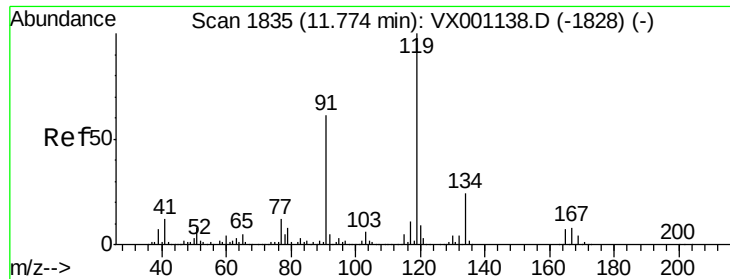


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

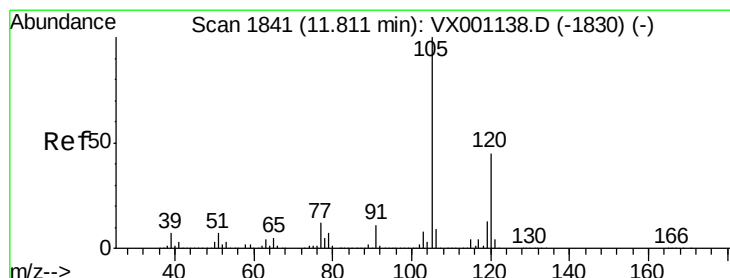
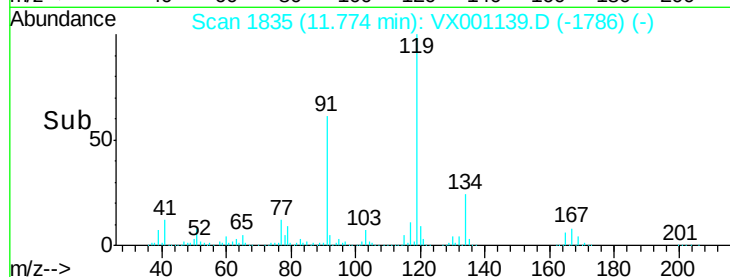
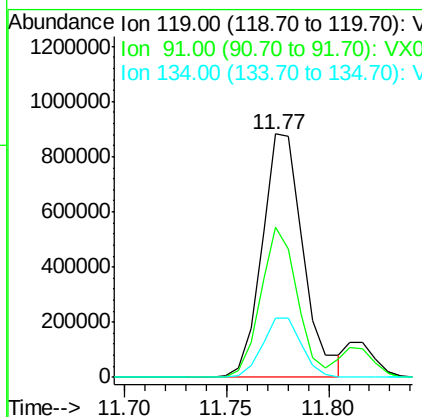
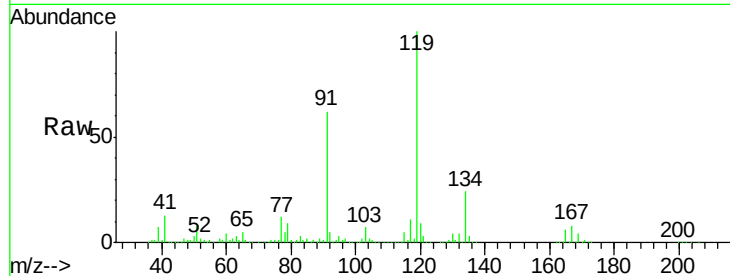




#83
 tert-Butylbenzene
 Concen: 101.97 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

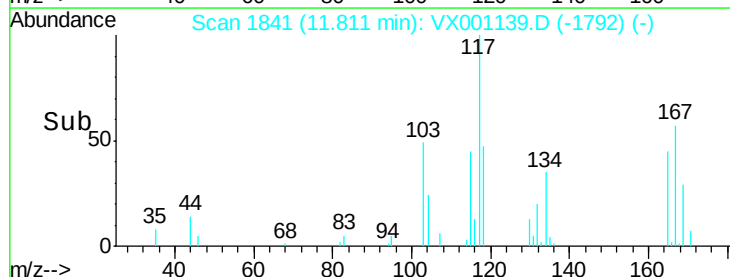
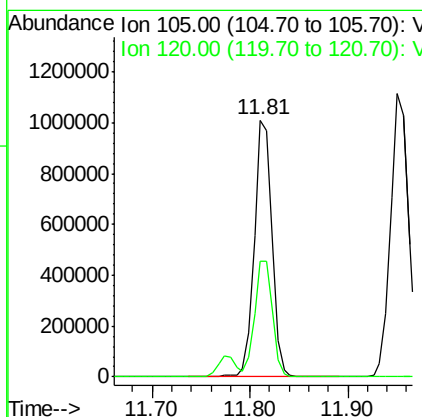
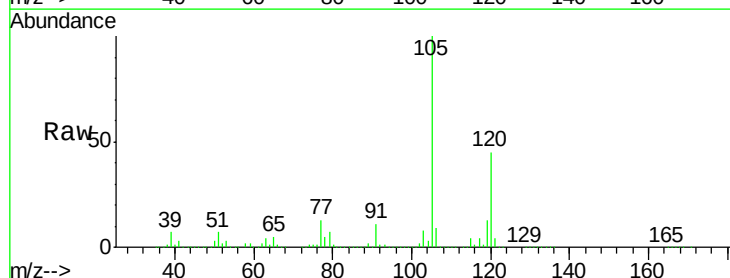
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

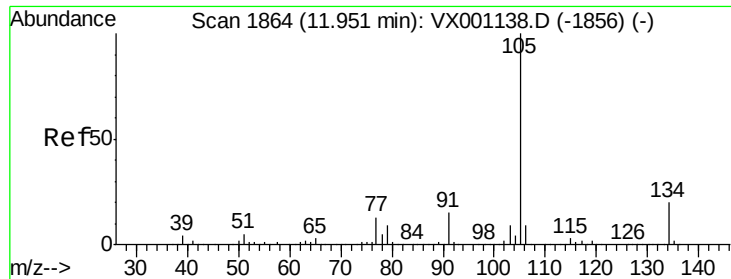
Tgt Ion:119 Resp: 1239051
 Ion Ratio Lower Upper
 119 100
 91 54.8 27.6 82.8
 134 23.3 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 101.05 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

Tgt Ion:105 Resp: 1257319
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.4 67.3

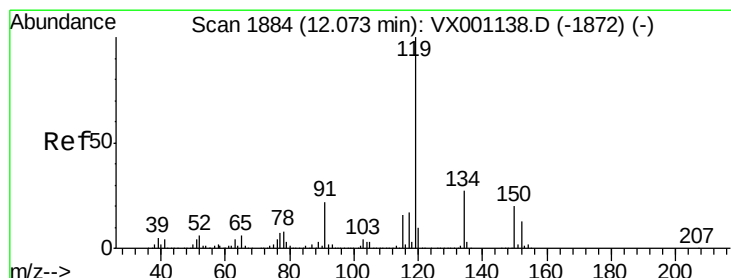
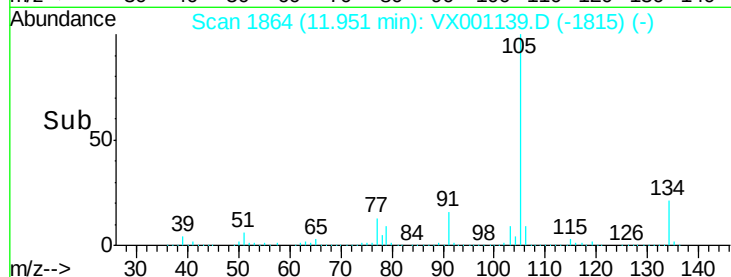
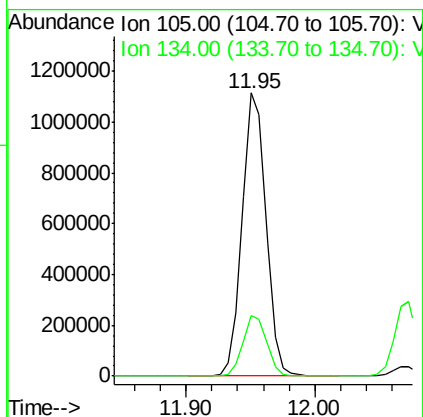
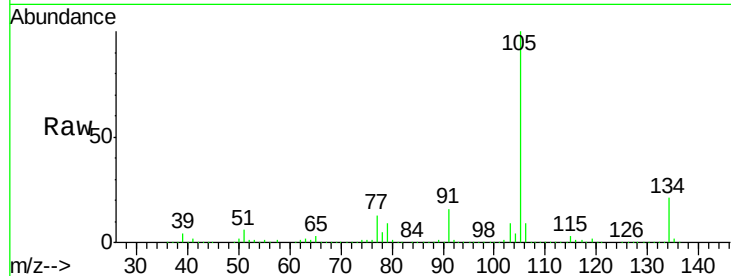




#85
 sec-Butylbenzene
 Concen: 98.23 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

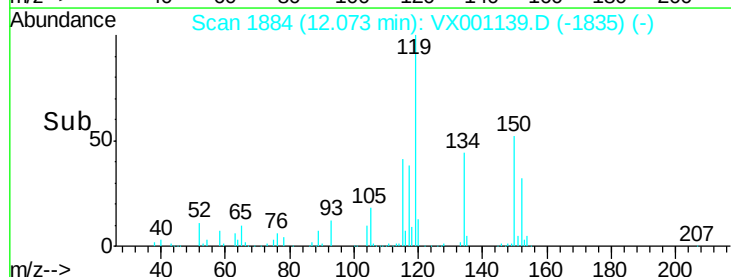
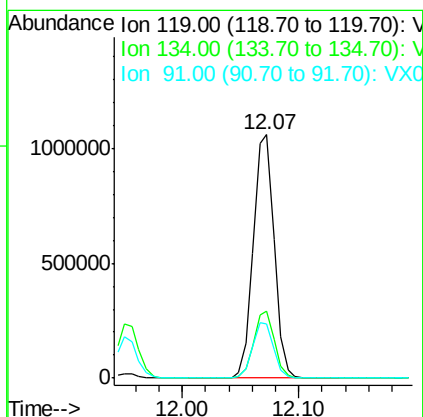
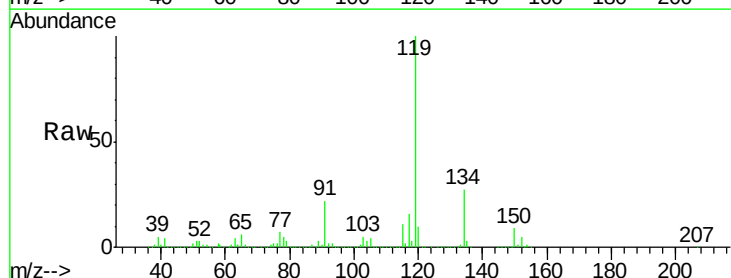
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

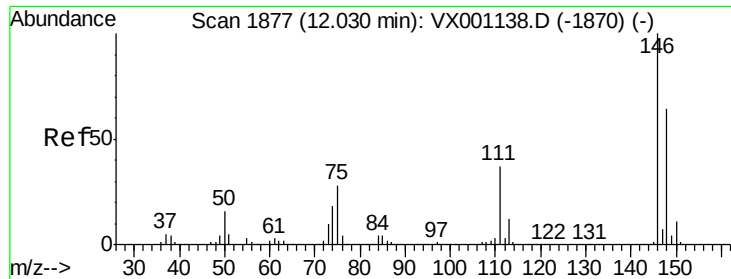
Tgt Ion:105 Resp: 1420079
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 99.41 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

Tgt Ion:119 Resp: 1331597
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.1
 91 22.9 11.6 34.8

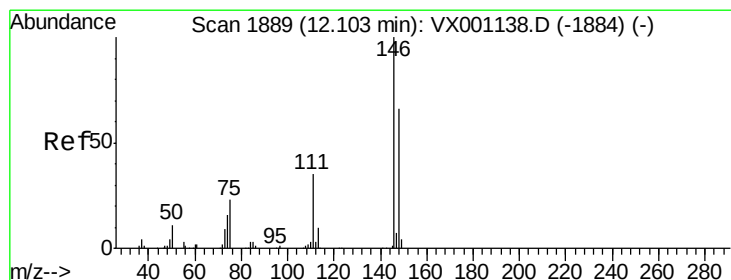
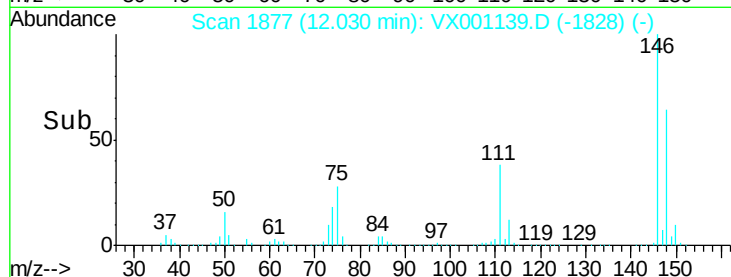
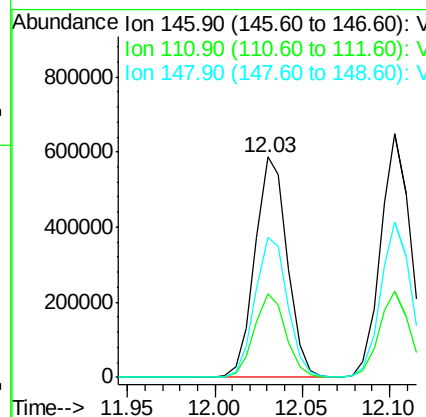
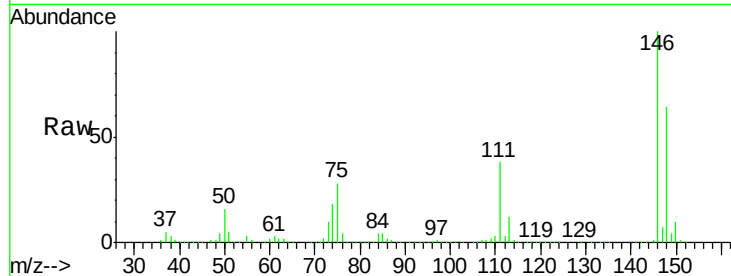




#87
 1,3-Dichlorobenzene
 Concen: 97.83 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

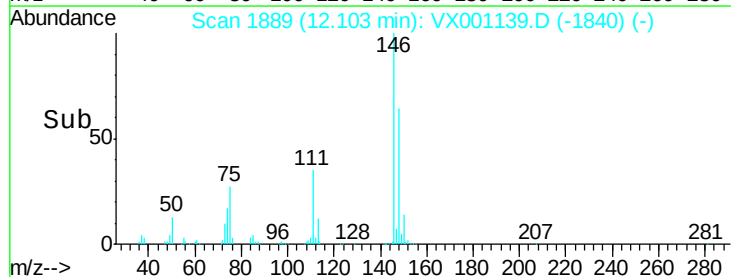
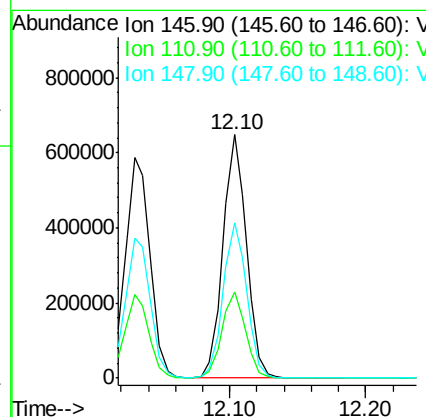
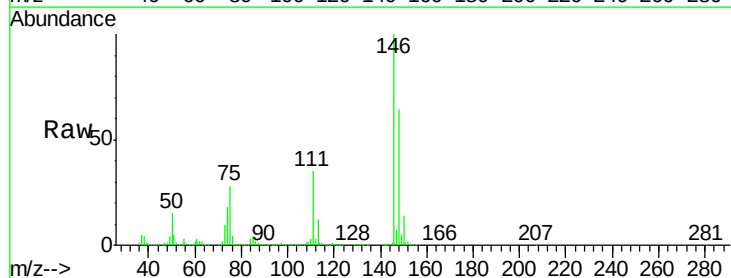
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

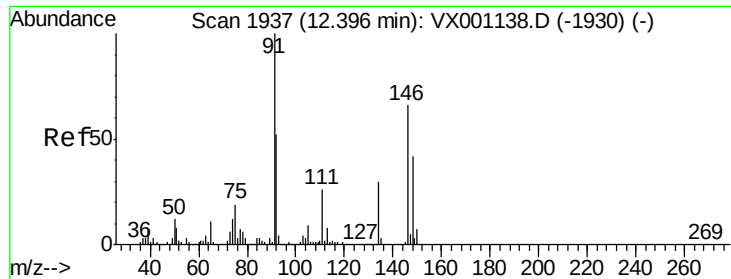
Tgt Ion:146 Resp: 754251
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 56.0
 148 63.9 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 97.45 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

Tgt Ion:146 Resp: 773105
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.0 54.0
 148 64.4 32.5 97.5





#89

n-Butylbenzene

Concen: 99.18 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

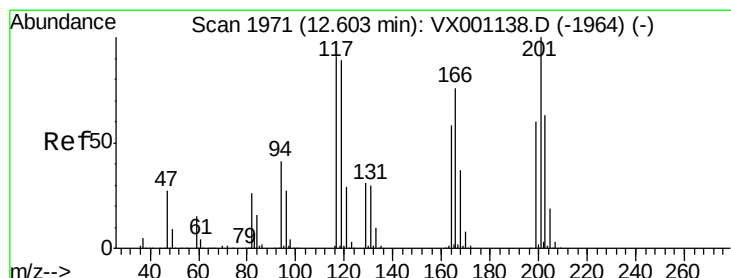
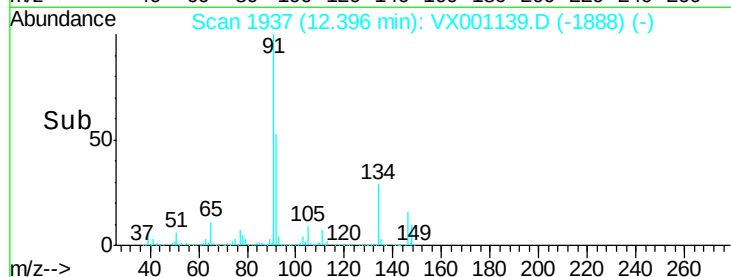
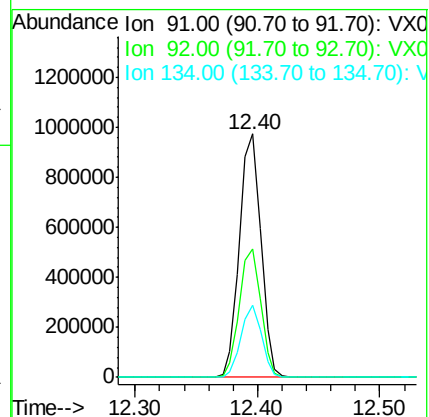
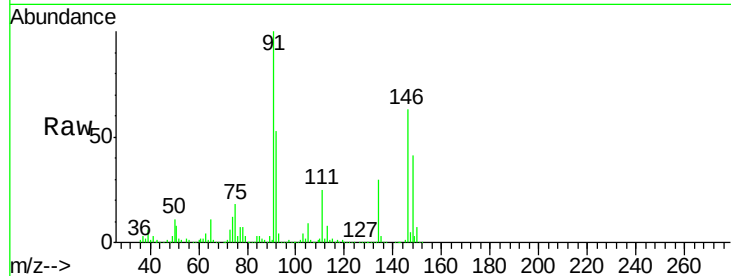
Tgt Ion: 91 Resp: 1177122

Ion Ratio Lower Upper

91 100

92 52.9 26.2 78.6

134 28.4 14.1 42.3



#90

Hexachloroethane

Concen: 113.23 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001139.D

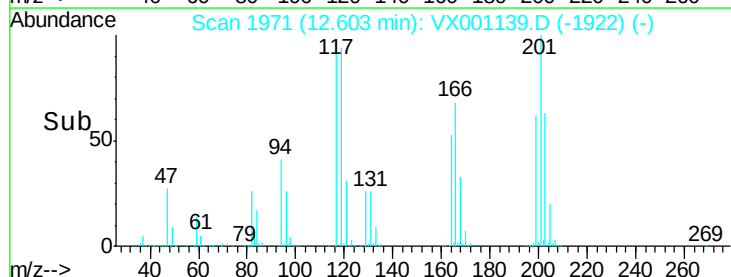
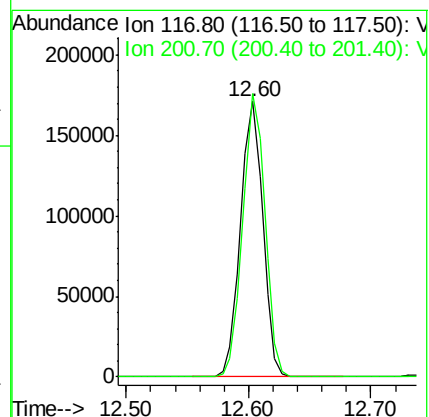
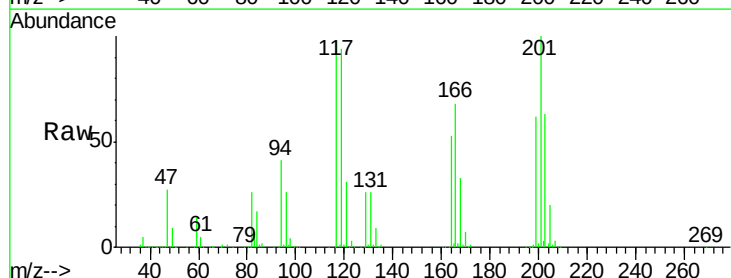
Acq: 26 Apr 2018 18:46

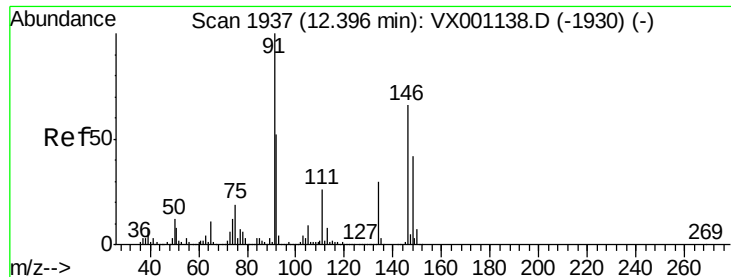
Tgt Ion: 117 Resp: 214180

Ion Ratio Lower Upper

117 100

201 102.7 51.8 155.4

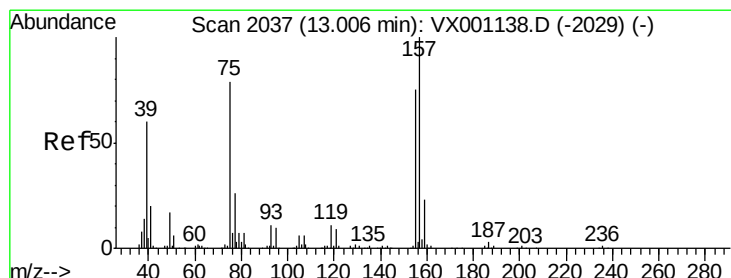
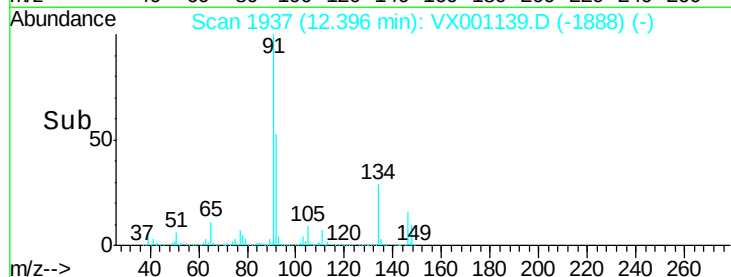
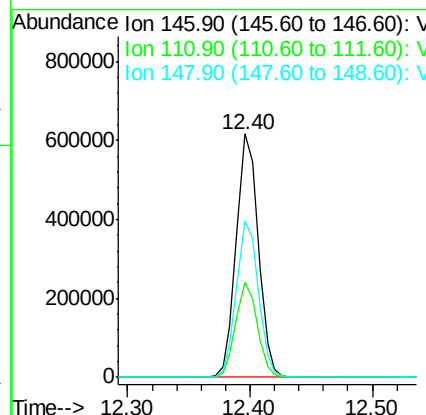
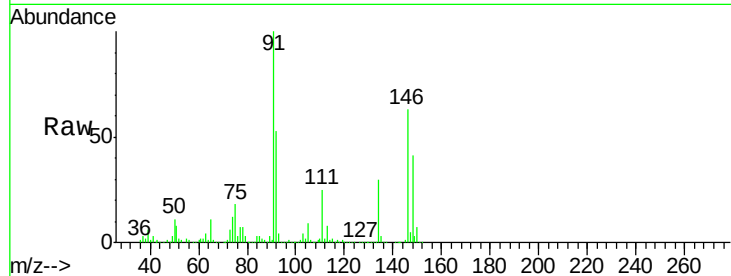




#91
 1,2-Dichlorobenzene
 Concen: 101.88 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

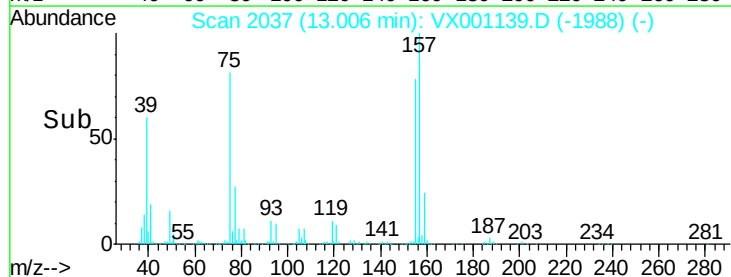
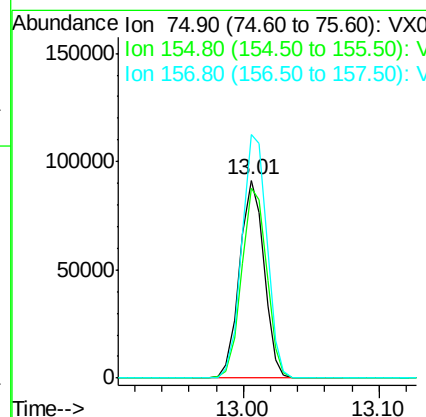
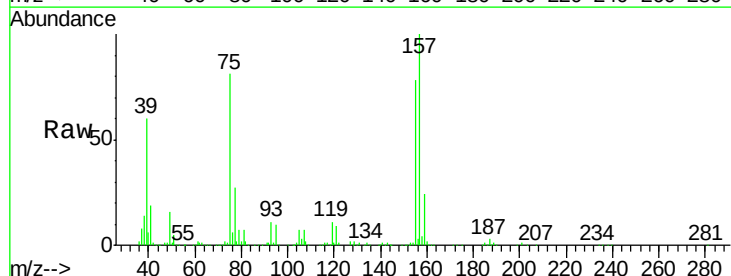
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

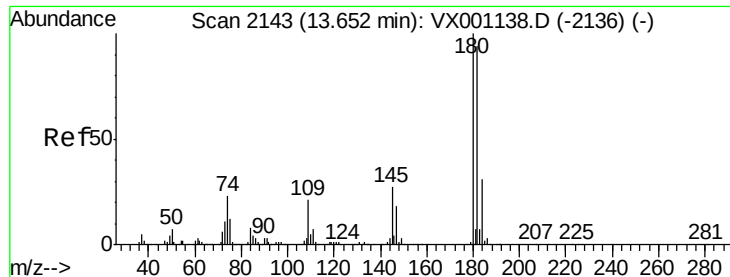
Tgt Ion:146 Resp: 765001
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.3
 148 64.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 129.81 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001139.D
 Acq: 26 Apr 2018 18:46

Tgt Ion: 75 Resp: 114497
 Ion Ratio Lower Upper
 75 100
 155 98.2 48.4 145.3
 157 125.9 62.7 188.1





#93

1,2,4-Trichlorobenzene

Concen: 96.14 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

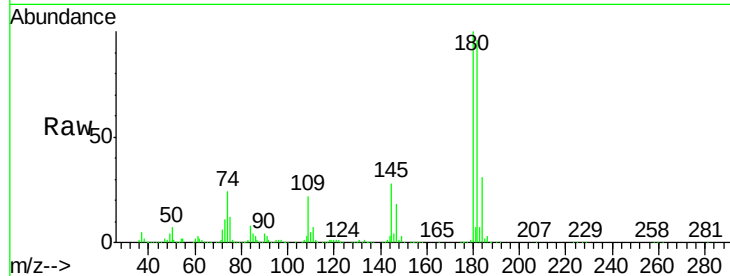
Tgt Ion:180 Resp: 599736

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.6

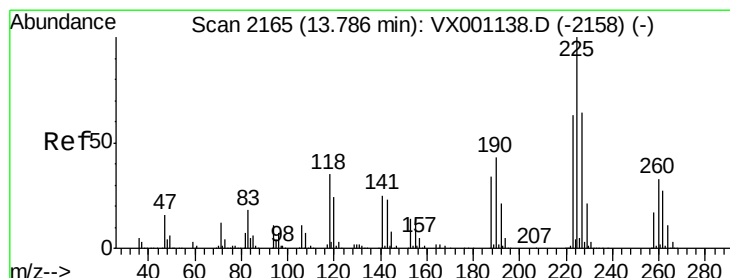
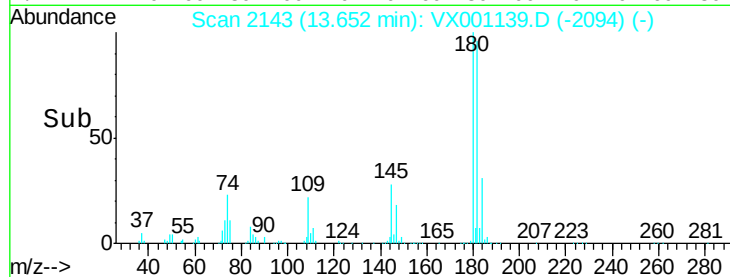
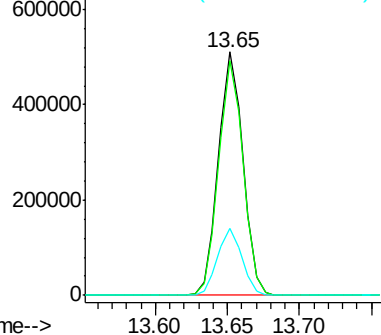
145 27.4 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 100.41 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001139.D

Acq: 26 Apr 2018 18:46

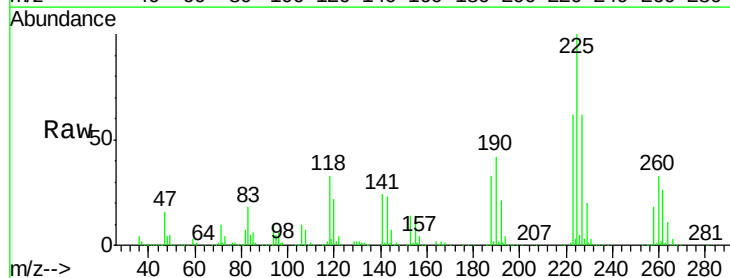
Tgt Ion:225 Resp: 285550

Ion Ratio Lower Upper

225 100

223 61.9 31.3 93.9

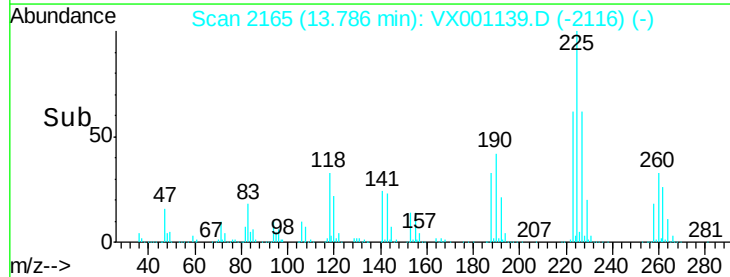
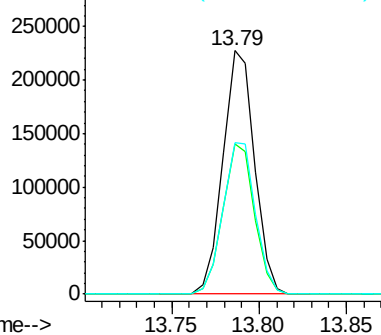
227 63.7 32.2 96.6

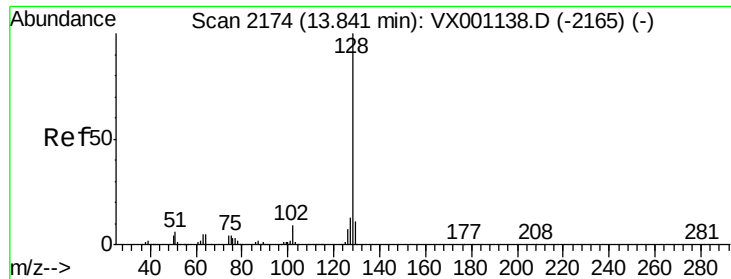


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

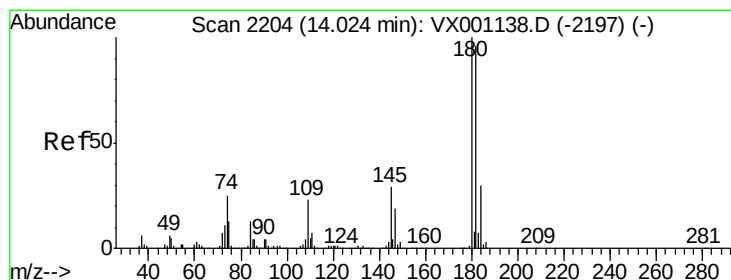
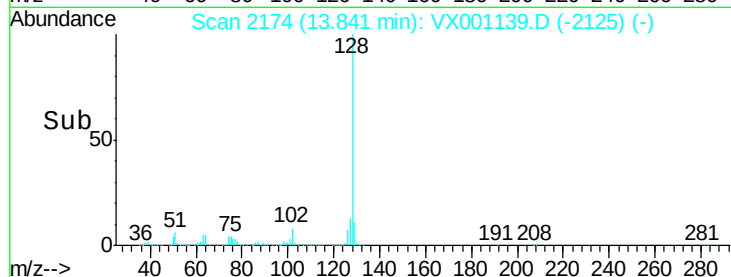
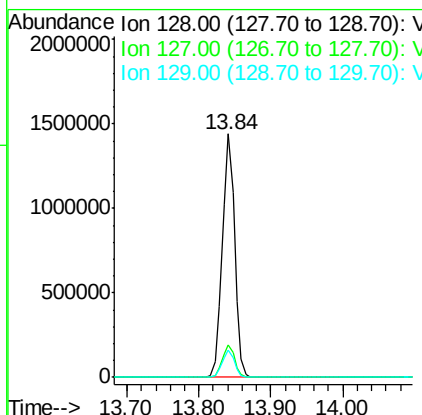
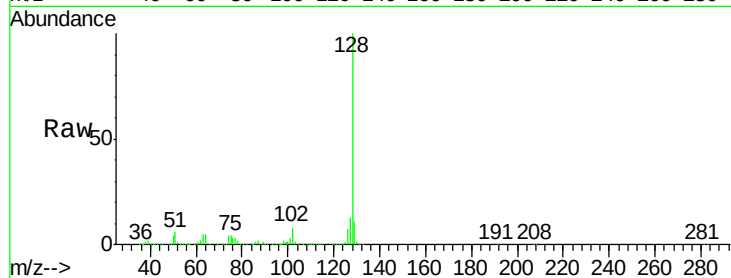




#95
Naphthalene
Concen: 109.12 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1708885
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 99.17 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX001139.D
Acq: 26 Apr 2018 18:46

Tgt Ion:180 Resp: 601908
Ion Ratio Lower Upper
180 100
182 95.7 48.2 144.6
145 29.0 14.5 43.5

