

Data File : VX000319.D

Acq On : 14 Mar 2018 17:41

Operator : JC/MD

Sample : VSTDIC100

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Quant Time: Mar 15 01:32:53 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 01:30:01 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	137348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	228919	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	245546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	157389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	183565	125.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	251.12%	
35) Dibromofluoromethane	5.51	113	143890	99.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.24%	
50) Toluene-d8	8.73	98	640044	114.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	229.80%	
62) 4-Bromofluorobenzene	11.15	95	259063	110.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	138708	117.80	ug/l	97
3) Chloromethane	1.32	50	130477	101.78	ug/l	97
4) Vinyl Chloride	1.41	62	153069	114.61	ug/l	98
5) Bromomethane	1.64	94	188979	166.71	ug/l	97
6) Chloroethane	1.72	64	111189	149.02	ug/l	99
7) Trichlorofluoromethane	1.93	101	279582	124.70	ug/l	99
8) Diethyl Ether	2.20	74	96143	125.43	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	147364	114.99	ug/l	98
10) Methyl Iodide	2.51	142	174827	106.61	ug/l	98
11) Tert butyl alcohol	3.09	59	300811	570.50	ug/l	100
12) 1,1-Dichloroethene	2.37	96	138780	121.39	ug/l	96
13) Acrolein	2.30	56	133090	461.05	ug/l	98
14) Allyl chloride	2.73	41	249981	115.42	ug/l	100
15) Acrylonitrile	3.16	53	565707	626.65	ug/l	99
16) Acetone	2.45	43	610897	553.88	ug/l	100
17) Carbon Disulfide	2.57	76	419016	115.51	ug/l	99
18) Methyl Acetate	2.78	43	263263	119.29	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	506278	124.85	ug/l	99
20) Methylene Chloride	2.86	84	150322	115.76	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	157010	123.38	ug/l	99
22) Diisopropyl ether	3.88	45	415353	112.82	ug/l	98
23) Vinyl Acetate	3.84	43	1997546	611.38	ug/l	99
24) 1,1-Dichloroethane	3.70	63	254857	120.05	ug/l	99
25) 2-Butanone	4.72	43	749863	510.44	ug/l	99
26) 2,2-Dichloropropane	4.59	77	193235	103.26	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	138270	104.74	ug/l	99
28) Bromochloromethane	5.03	49	112444	112.39	ug/l	99
29) Tetrahydrofuran	5.18	42	488270	541.78	ug/l	99
30) Chloroform	5.23	83	261853	117.49	ug/l	99
31) Cyclohexane	5.59	56	205546	106.01	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	236660	114.25	ug/l	99
36) 1,1-Dichloropropene	5.81	75	196391	96.79	ug/l	100
37) Ethyl Acetate	4.88	43	268255	94.92	ug/l	100
38) Carbon Tetrachloride	5.79	117	207179	93.55	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Mar 15 01:32:53 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 01:30:01 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	236198	92.45	ug/l	98
40) Benzene	6.15	78	574539	99.83	ug/l	98
41) Methacrylonitrile	5.07	41	137759	92.73	ug/l	98
42) 1,2-Dichloroethane	6.21	62	221739	106.18	ug/l	99
43) Isopropyl Acetate	6.48	43	414439	98.74	ug/l	99
44) Trichloroethene	7.22	130	159080	87.53	ug/l	99
45) 1,2-Dichloropropane	7.53	63	144058	97.25	ug/l	98
46) Dibromomethane	7.67	93	111669	101.06	ug/l	98
47) Bromodichloromethane	7.91	83	213500	102.08	ug/l	98
48) Methyl methacrylate	7.79	41	204285	98.34	ug/l	99
49) 1,4-Dioxane	7.77	88	93767	1788.24	ug/l	99
51) 4-Methyl-2-Pentanone	8.67	43	1645184	552.35	ug/l	99
52) Toluene	8.79	92	425023	110.31	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	253985	101.72	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	262173	107.21	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	170798	107.02	ug/l	98
56) Ethyl methacrylate	9.19	69	277225	108.73	ug/l	97
57) 1,3-Dichloropropane	9.38	76	267082	105.34	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	534227	449.74	ug/l	100
59) 2-Hexanone	9.51	43	1396387	545.69	ug/l	98
60) Dibromochloromethane	9.59	129	200860	107.44	ug/l	99
61) 1,2-Dibromoethane	9.68	107	194836	111.00	ug/l	99
64) Tetrachloroethene	9.34	164	158639	76.70	ug/l	99
65) Chlorobenzene	10.15	112	497758	96.30	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	174714	91.98	ug/l	99
67) Ethyl Benzene	10.26	91	838710	97.78	ug/l	99
68) m/p-Xylenes	10.37	106	699034	206.11	ug/l	96
69) o-Xylene	10.71	106	330650	100.97	ug/l	99
70) Styrene	10.72	104	584117	106.26	ug/l	97
71) Bromoform	10.87	173	171086	85.47	ug/l #	98
73) Isopropylbenzene	11.02	105	916590	96.79	ug/l	99
74) N-amyl acetate	6.48	43	414439	82.87	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.28	83	332313	99.69	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	398709	98.53	ug/l	84
77) Bromobenzene	11.26	156	236569	87.80	ug/l	98
78) n-propylbenzene	11.37	91	1078595	96.75	ug/l	99
79) 2-Chlorotoluene	11.43	91	616130	96.02	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	784606	96.95	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	108381	92.87	ug/l	94
82) 4-Chlorotoluene	11.52	91	749897	96.35	ug/l	97
83) tert-Butylbenzene	11.78	119	787167	95.30	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	815103	96.87	ug/l	99
85) sec-Butylbenzene	11.96	105	958148	95.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	875592	94.11	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	475819	91.78	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	490048	90.60	ug/l	97
89) n-Butylbenzene	12.40	91	815160	94.71	ug/l	99
90) Hexachloroethane	12.60	117	146141	97.79	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	470719	93.73	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	91265	88.83	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031418\
Quantitation Report (Not Reviewed)

Data File : VX000319.D
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Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Mar 15 01:32:53 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 01:30:01 2018
Response via : Initial Calibration

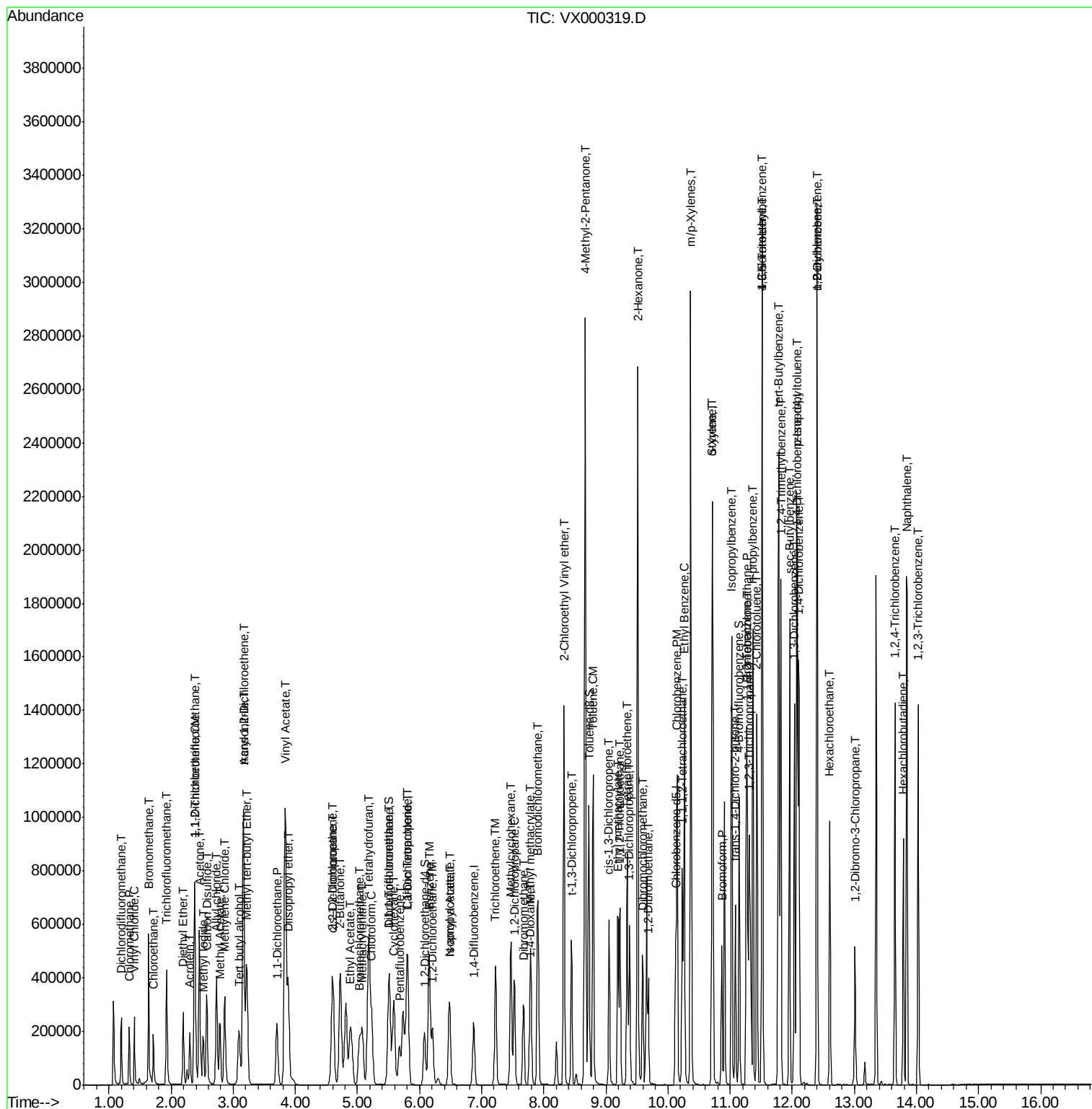
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	330383	76.23	ug/l	99
94) Hexachlorobutadiene	13.79	225	123694	53.91	ug/l	98
95) Naphthalene	13.85	128	1191195	93.66	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	330422	78.54	ug/l	100

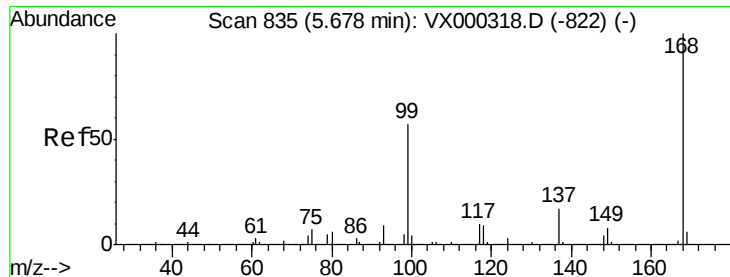
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 6      Sample Multiplier: 1
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VSTDICC100

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

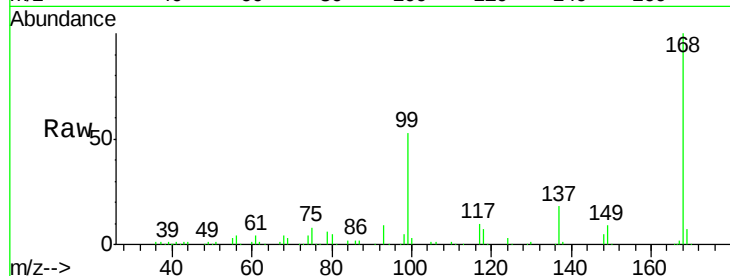
VSTDIC100

Tgt Ion:168 Resp: 137348

Ion Ratio Lower Upper

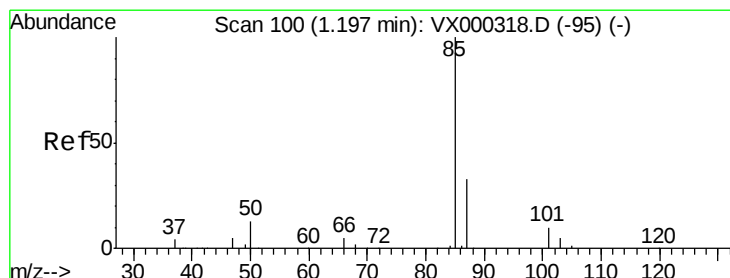
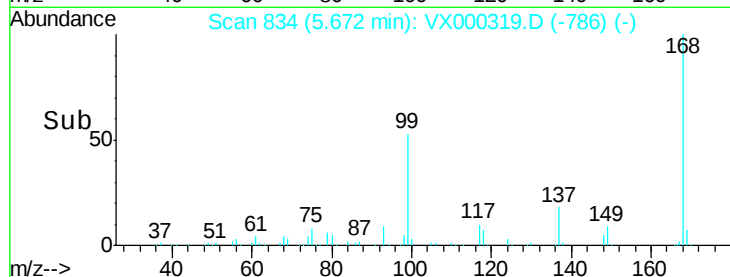
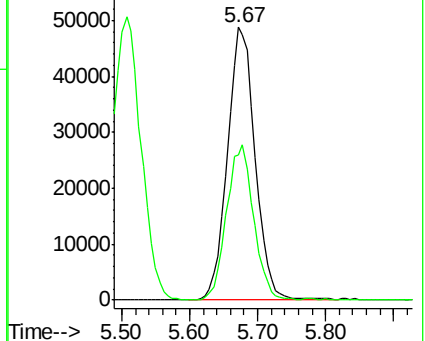
168 100

99 53.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 117.80 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000319.D

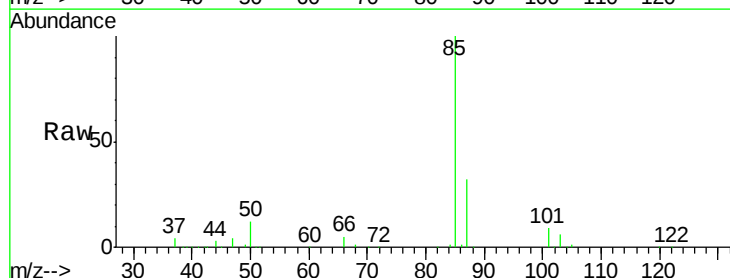
Acq: 14 Mar 2018 17:41

Tgt Ion: 85 Resp: 138708

Ion Ratio Lower Upper

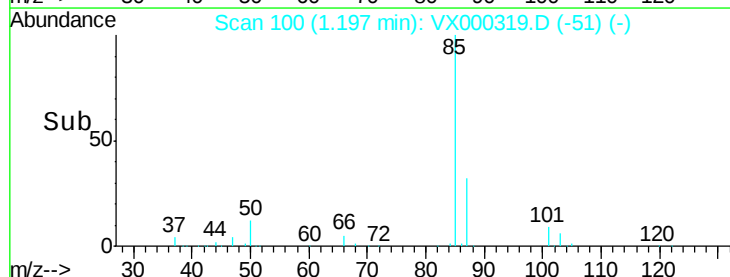
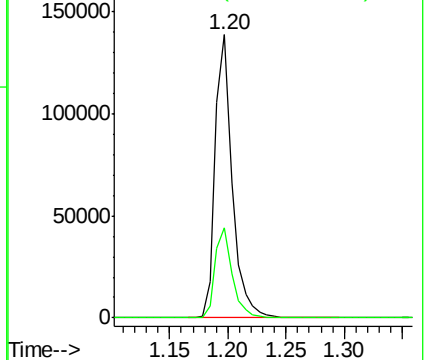
85 100

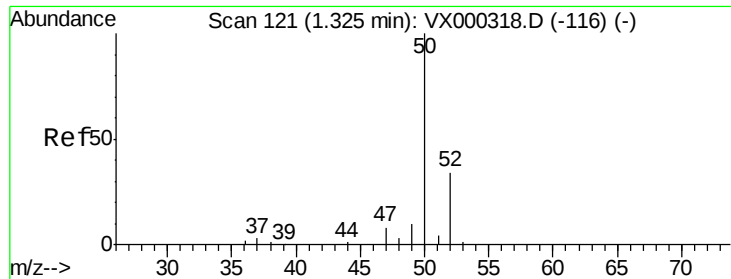
87 31.8 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 101.78 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

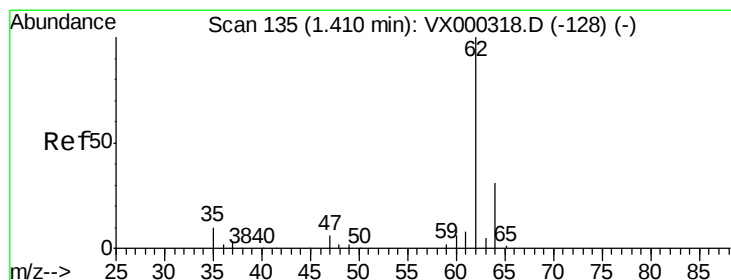
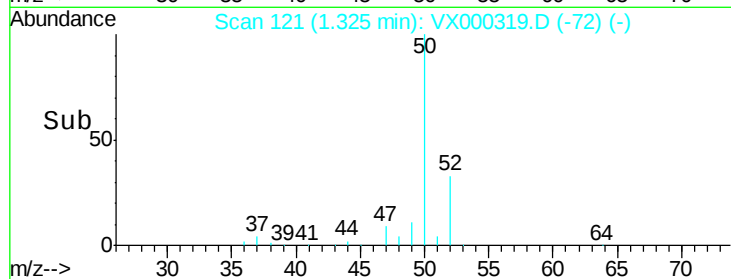
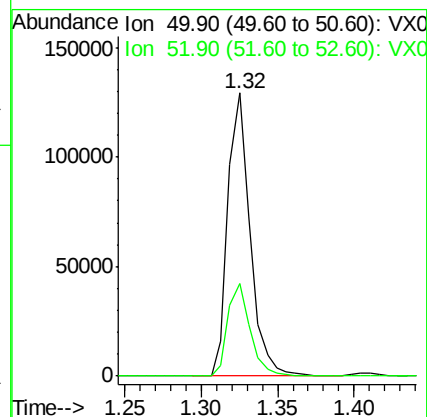
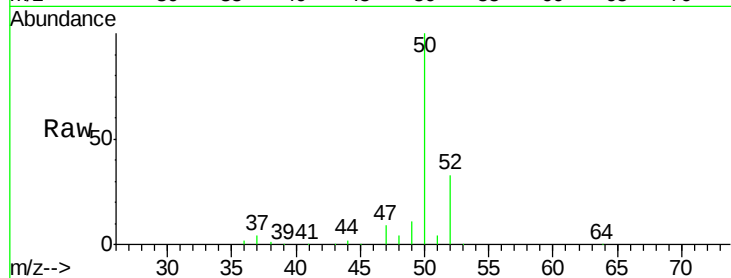
VSTDIC100

Tgt Ion: 50 Resp: 130477

Ion Ratio Lower Upper

50 100

52 32.8 27.5 41.3



#4

Vinyl Chloride

Concen: 114.61 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000319.D

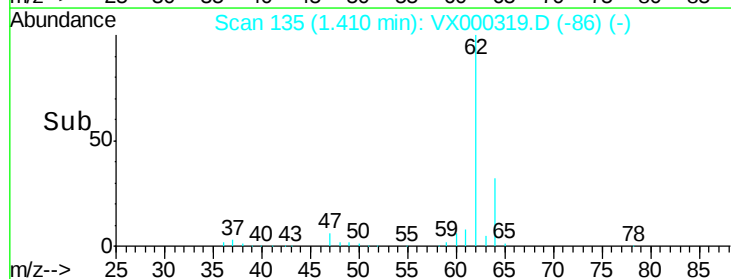
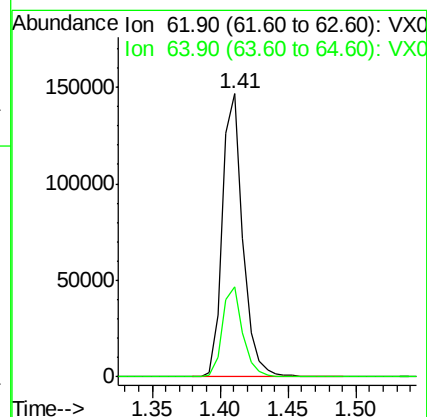
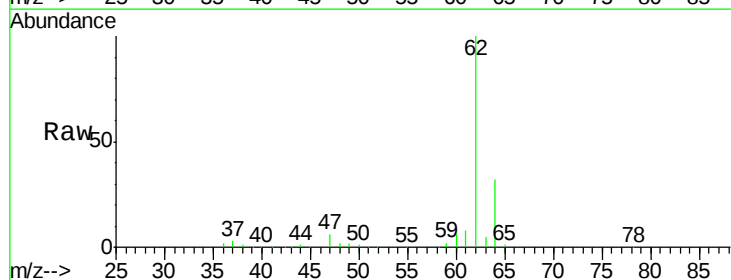
Acq: 14 Mar 2018 17:41

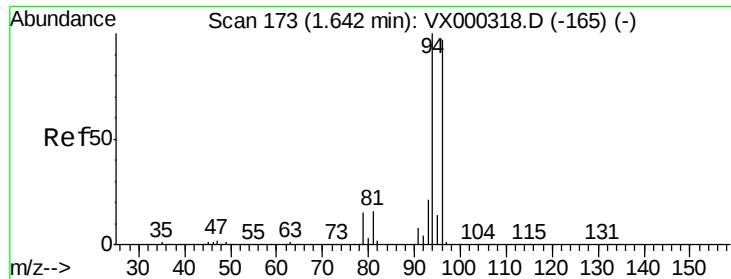
Tgt Ion: 62 Resp: 153069

Ion Ratio Lower Upper

62 100

64 32.0 24.8 37.2





#5

Bromomethane

Concen: 166.71 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

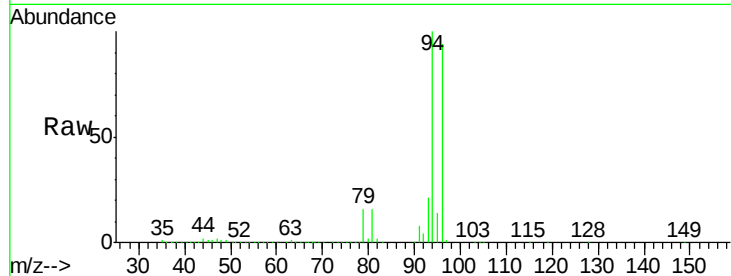
VSTDIC100

Tgt Ion: 94 Resp: 188979

Ion Ratio Lower Upper

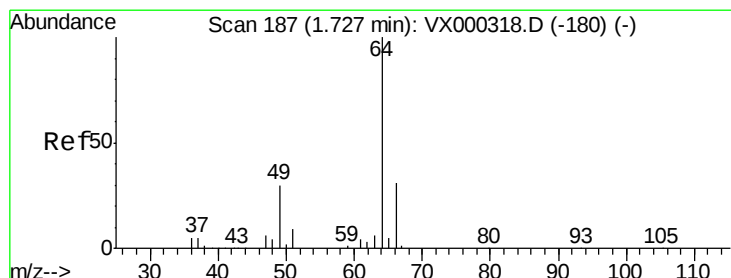
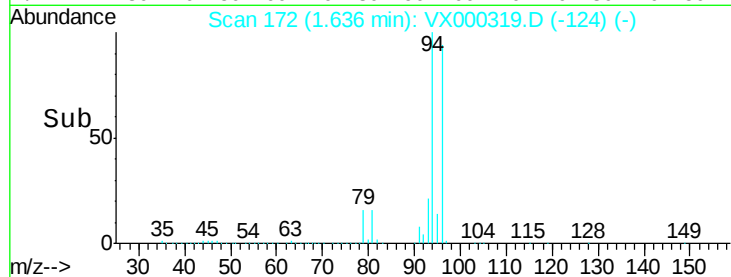
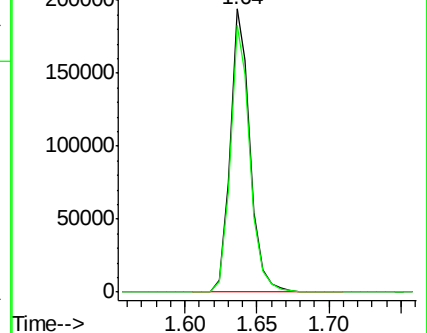
94 100

96 94.1 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 149.02 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000319.D

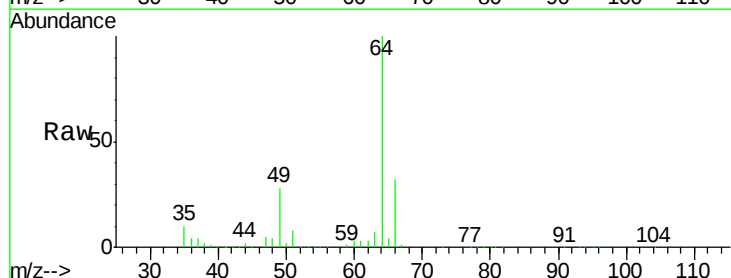
Acq: 14 Mar 2018 17:41

Tgt Ion: 64 Resp: 111189

Ion Ratio Lower Upper

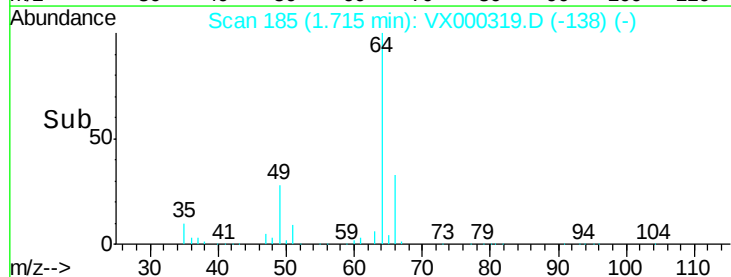
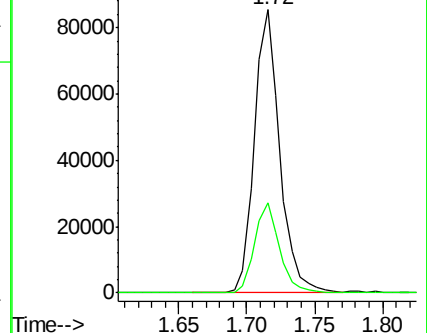
64 100

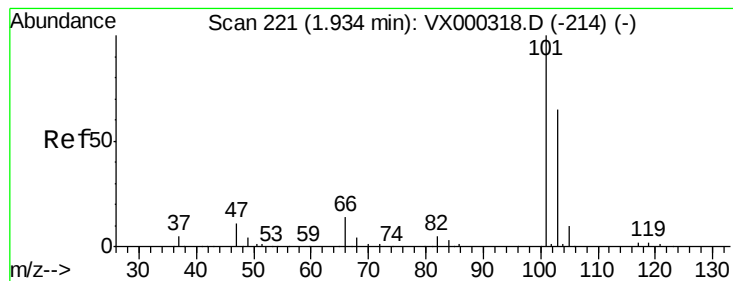
66 31.6 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



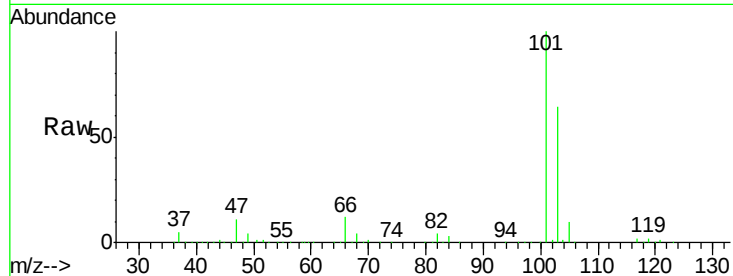


#7

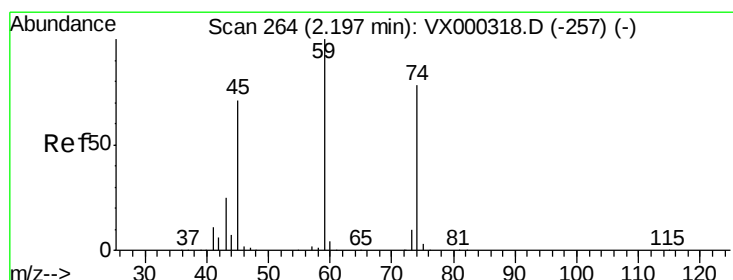
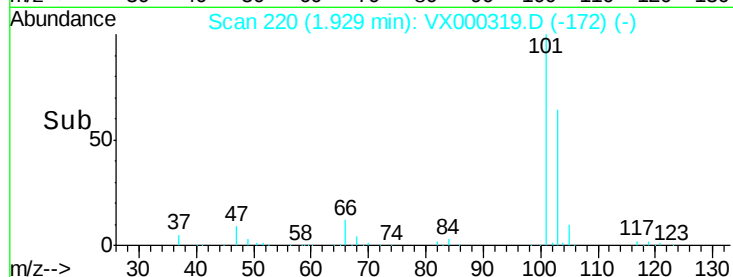
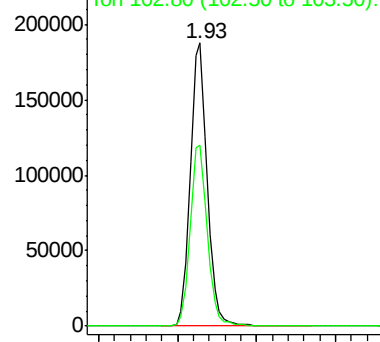
Trichlorofluoromethane
Concen: 124.70 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 279582
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4



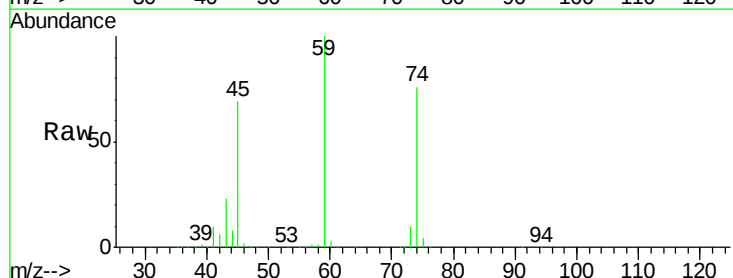
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



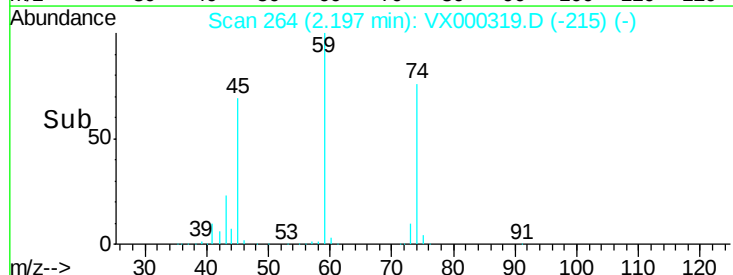
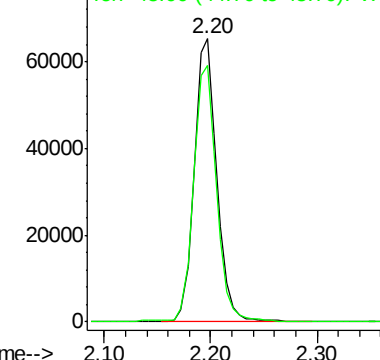
#8

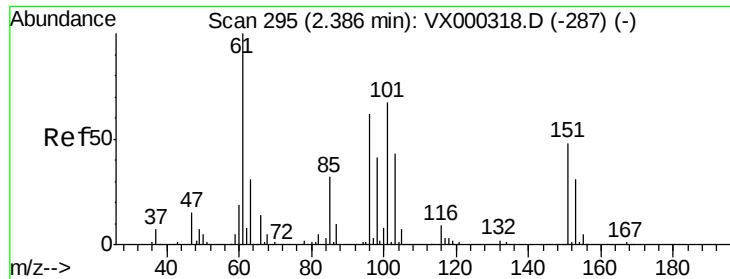
Diethyl Ether
Concen: 125.43 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Tgt Ion: 74 Resp: 96143
Ion Ratio Lower Upper
74 100
45 93.1 45.1 135.3



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: 114.99 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

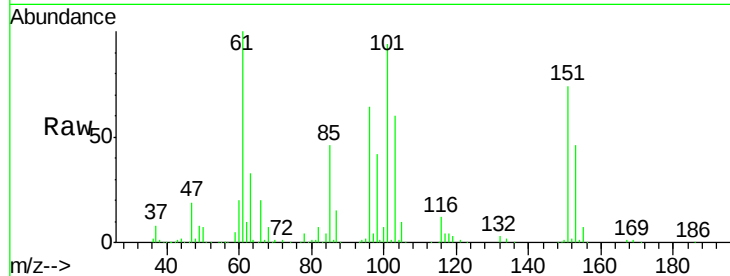
Tgt Ion:101 Resp: 147364

Ion Ratio Lower Upper

101 100

85 48.6 37.6 56.4

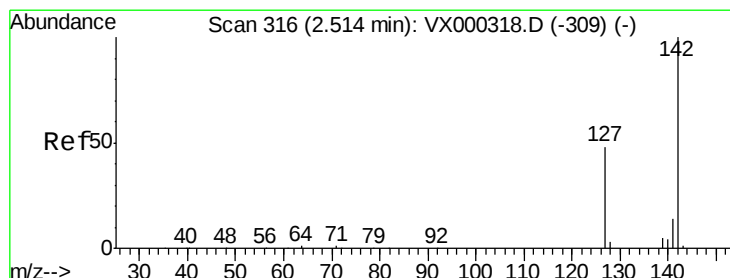
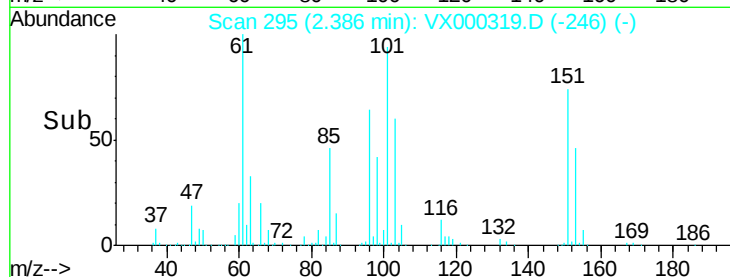
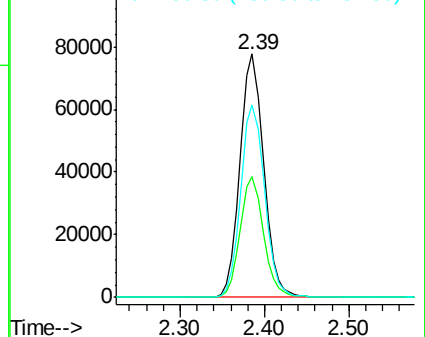
151 79.6 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 106.61 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

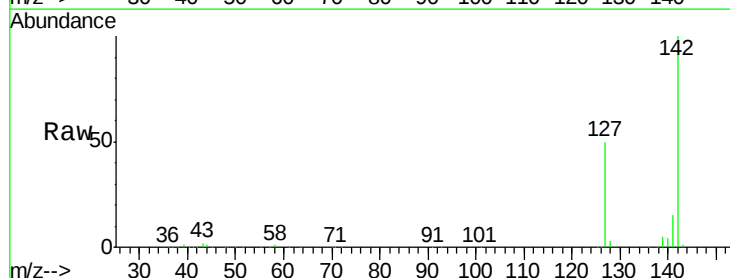
Tgt Ion:142 Resp: 174827

Ion Ratio Lower Upper

142 100

127 50.3 39.2 58.8

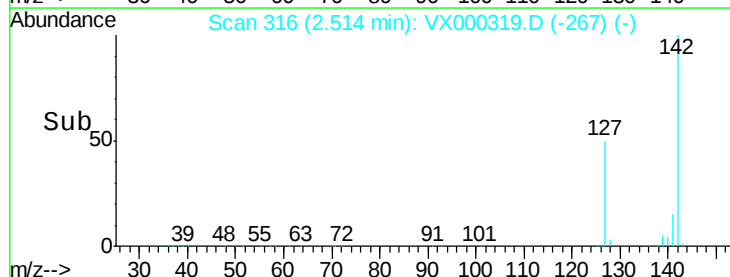
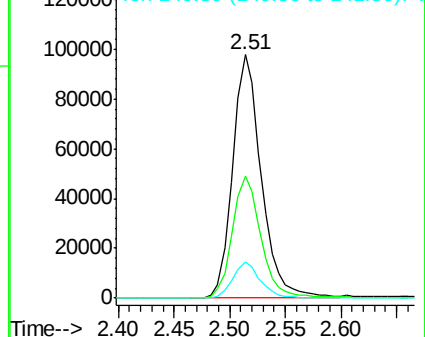
141 14.2 11.7 17.5

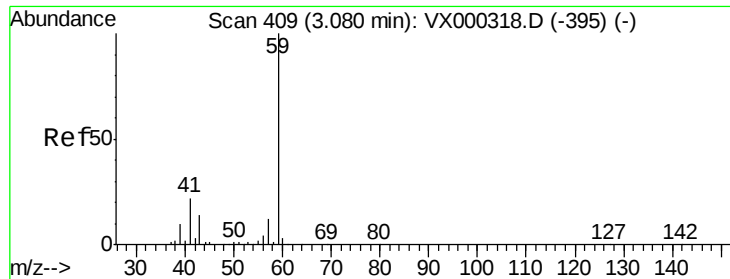


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

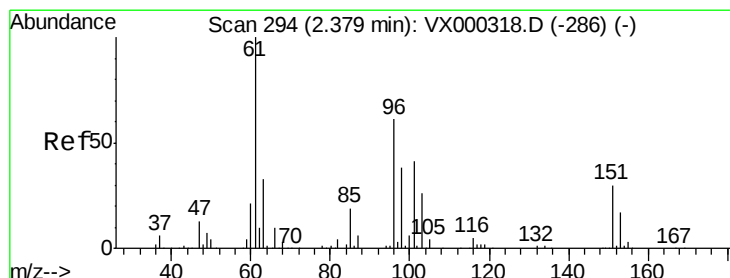
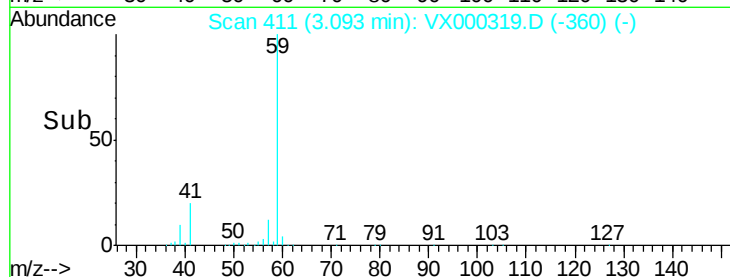
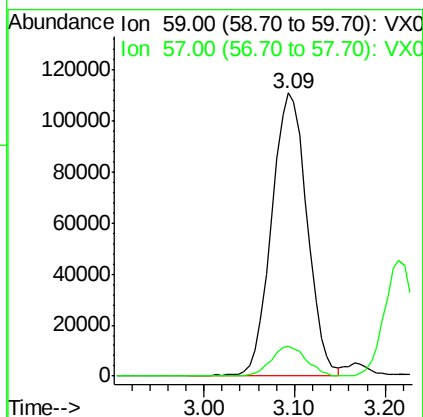
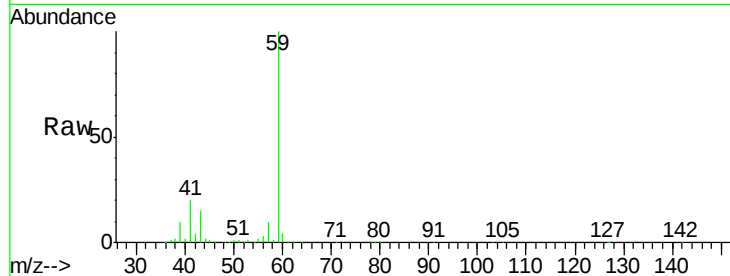




#11
Tert butyl alcohol
Concen: 570.50 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

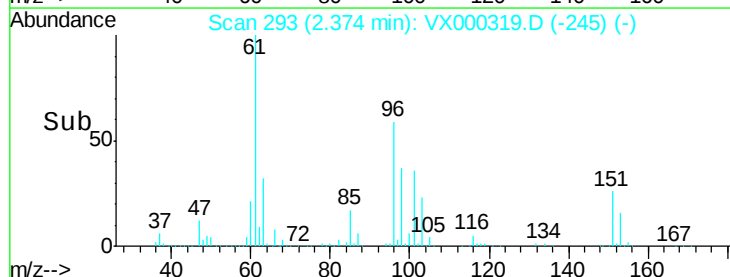
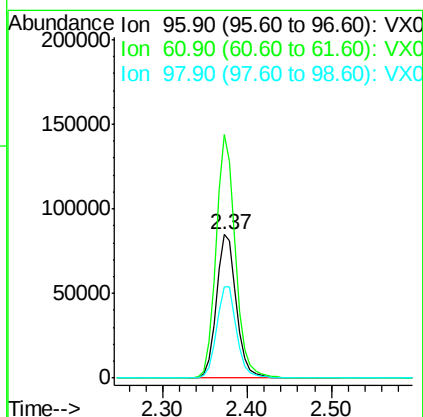
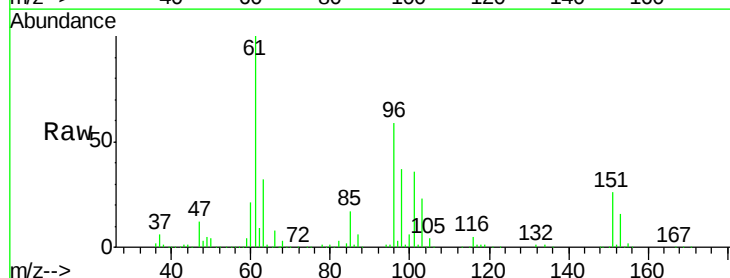
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

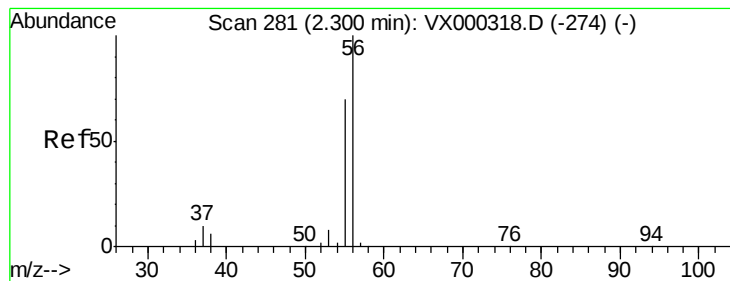
Tgt Ion: 59 Resp: 300811
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6



#12
1,1-Dichloroethene
Concen: 121.39 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Tgt Ion: 96 Resp: 138780
Ion Ratio Lower Upper
96 100
61 169.9 131.2 196.8
98 63.6 49.8 74.8





#13

Acrolein

Concen: 461.05 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

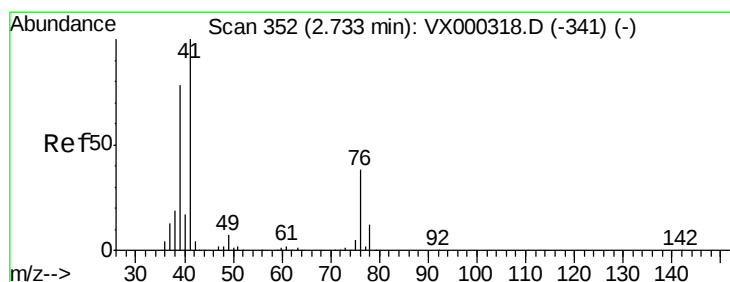
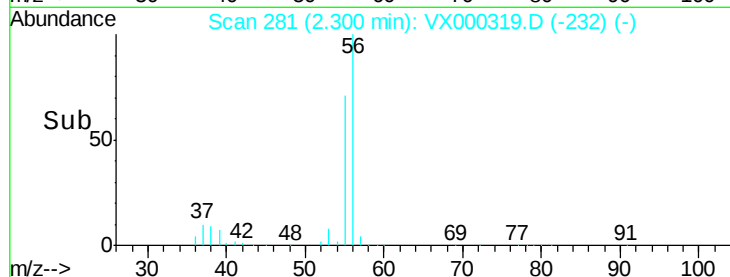
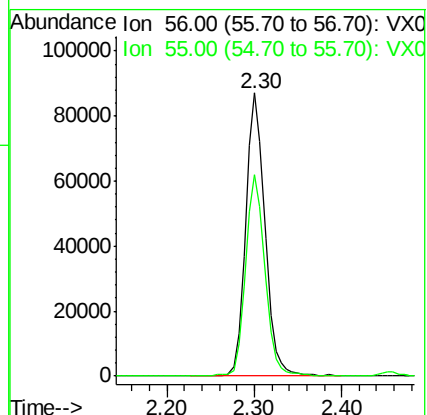
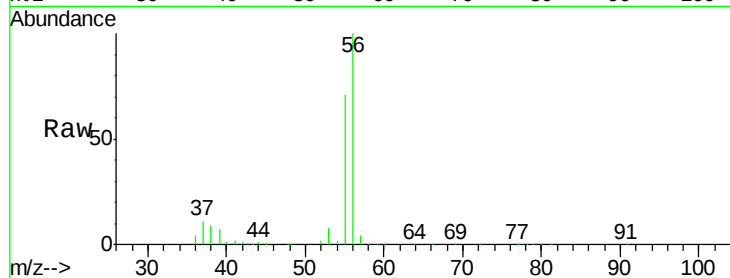
VSTDIC100

Tgt Ion: 56 Resp: 133090

Ion Ratio Lower Upper

56 100

55 72.0 58.8 88.2



#14

Allyl chloride

Concen: 115.42 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

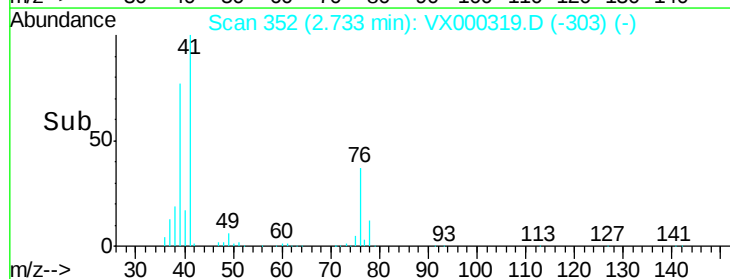
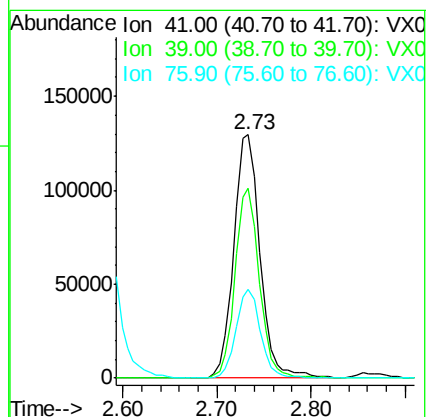
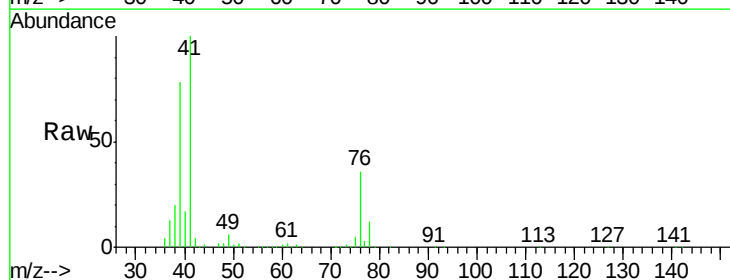
Tgt Ion: 41 Resp: 249981

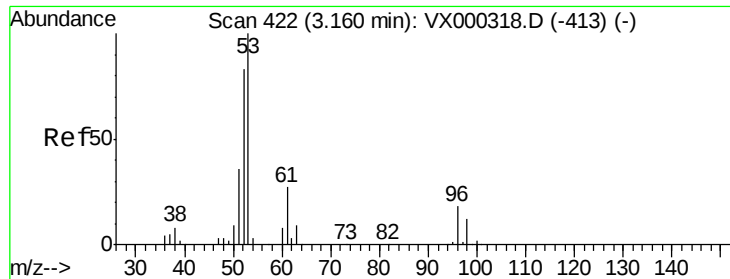
Ion Ratio Lower Upper

41 100

39 72.1 57.6 86.4

76 34.0 27.3 40.9





#15

Acrylonitrile

Concen: 626.65 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

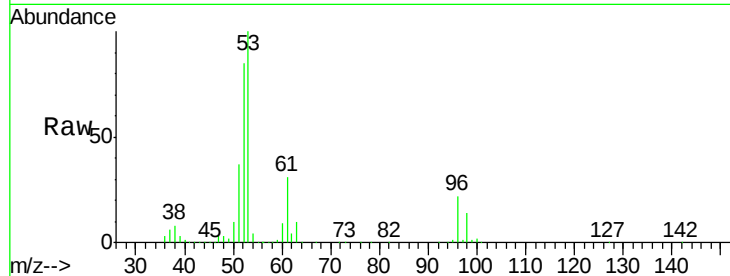
Tgt Ion: 53 Resp: 565707

Ion Ratio Lower Upper

53 100

52 84.5 66.6 99.8

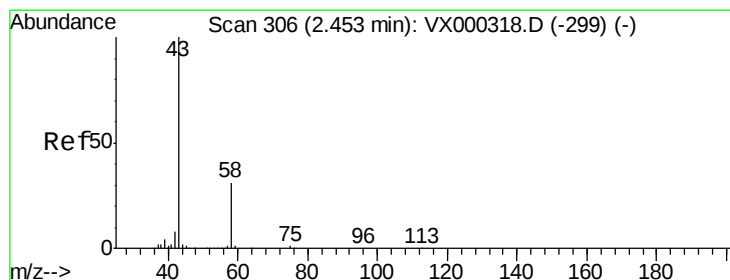
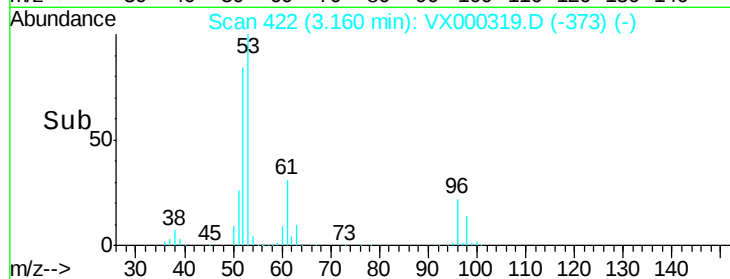
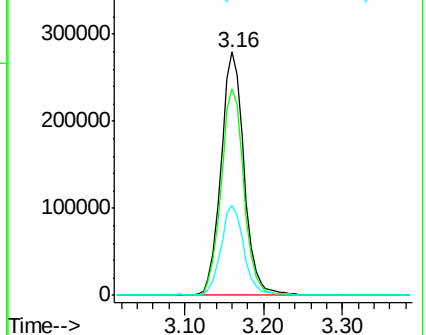
51 37.5 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 553.88 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000319.D

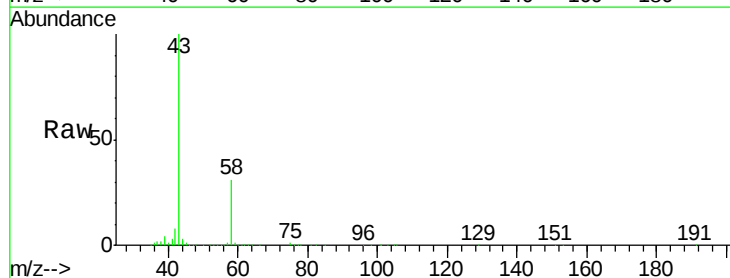
Acq: 14 Mar 2018 17:41

Tgt Ion: 43 Resp: 610897

Ion Ratio Lower Upper

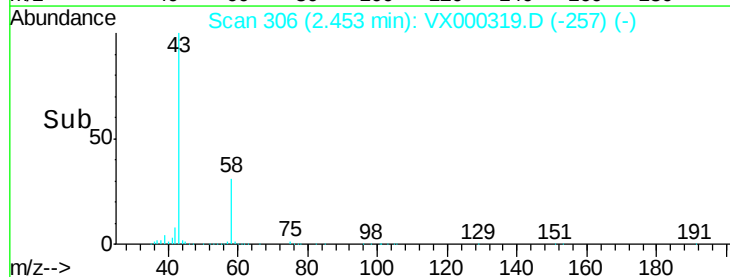
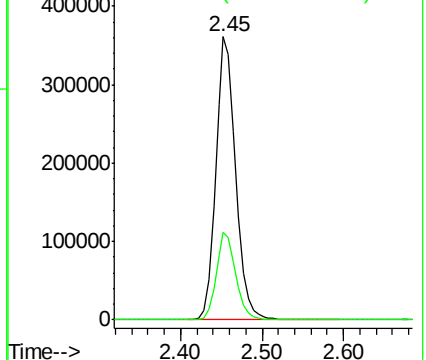
43 100

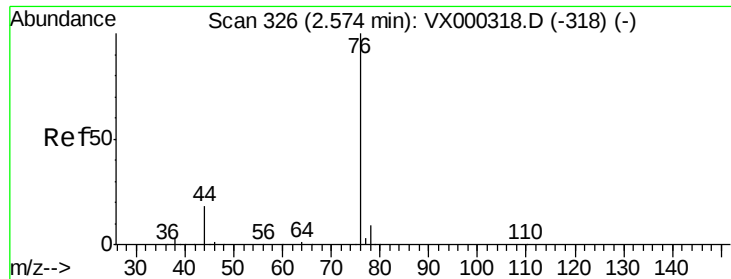
58 31.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

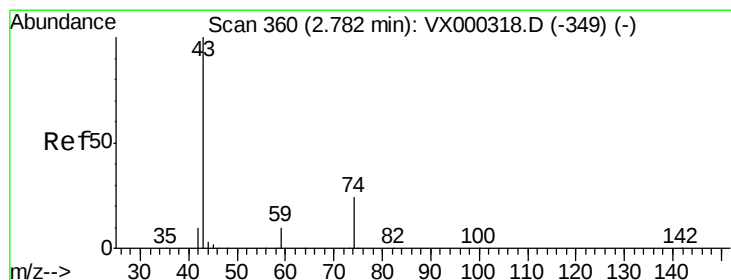
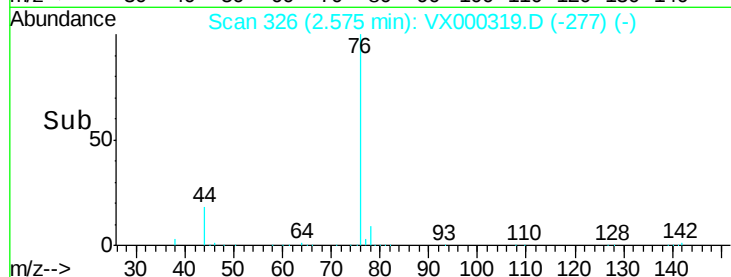
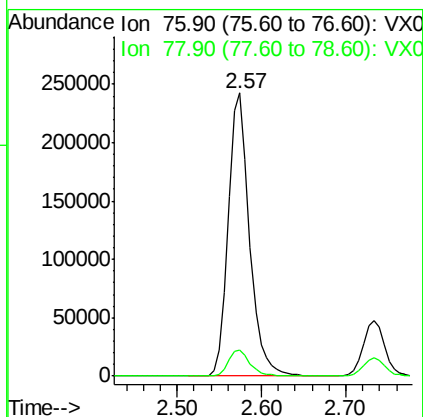
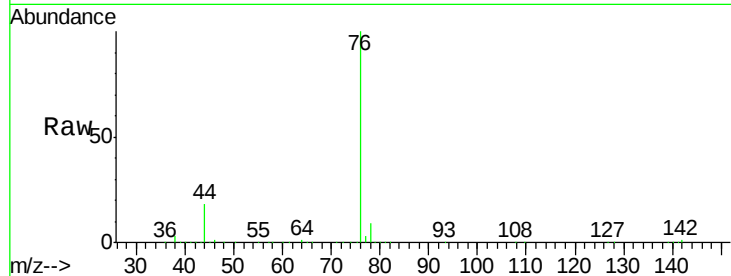




#17
Carbon Disulfide
Concen: 115.51 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

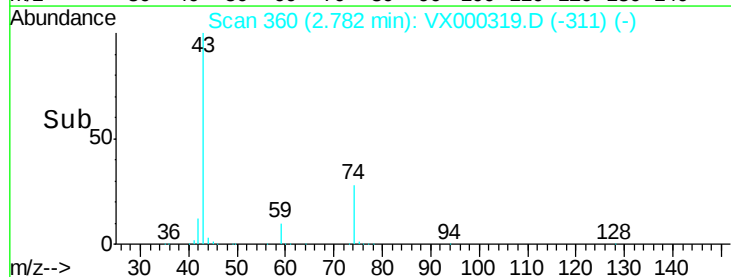
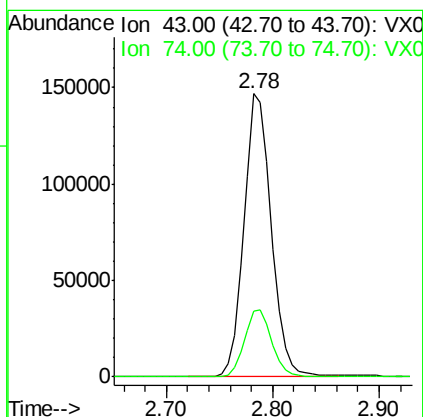
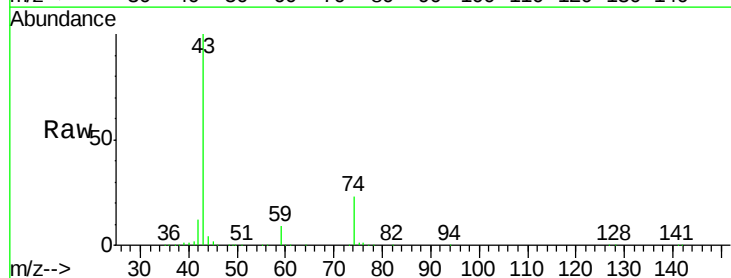
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

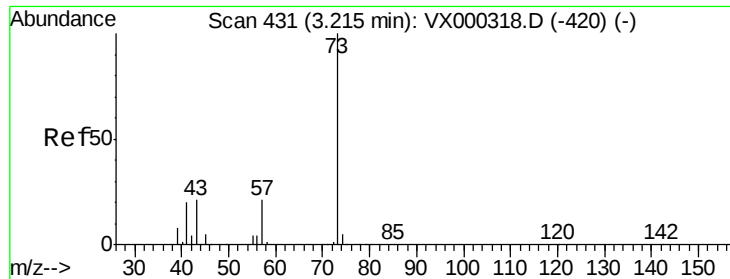
Tgt Ion: 76 Resp: 419016
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 119.29 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Tgt Ion: 43 Resp: 263263
Ion Ratio Lower Upper
43 100
74 23.6 19.4 29.2

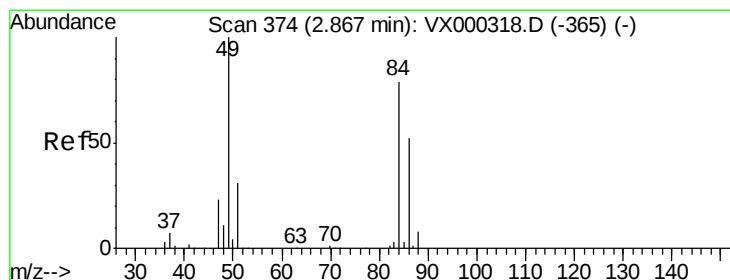
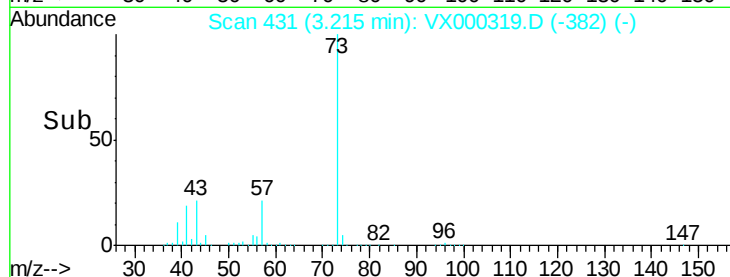
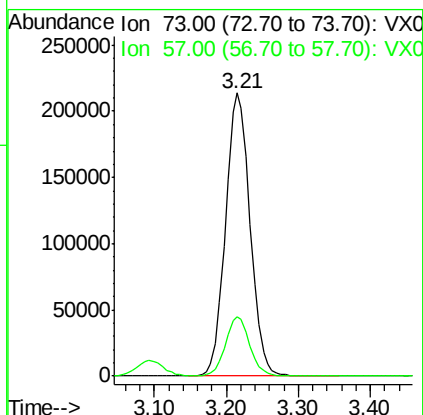
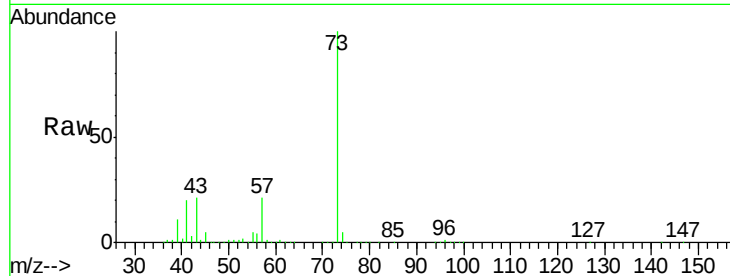




#19
Methyl tert-butyl Ether
Concen: 124.85 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

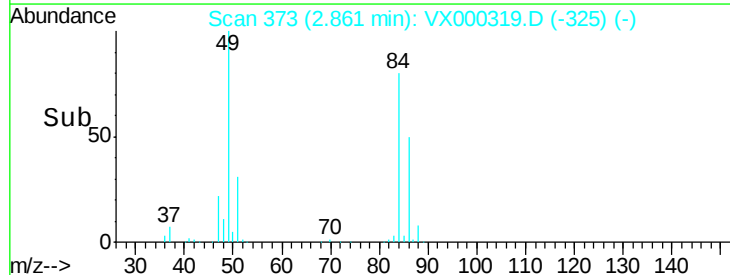
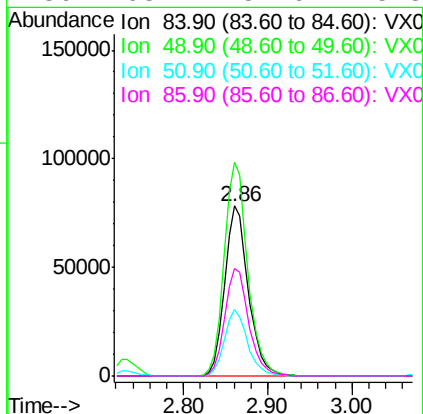
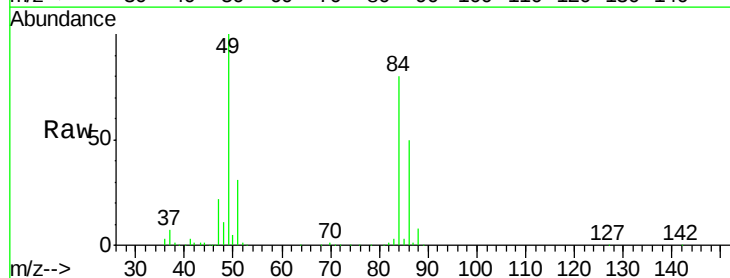
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

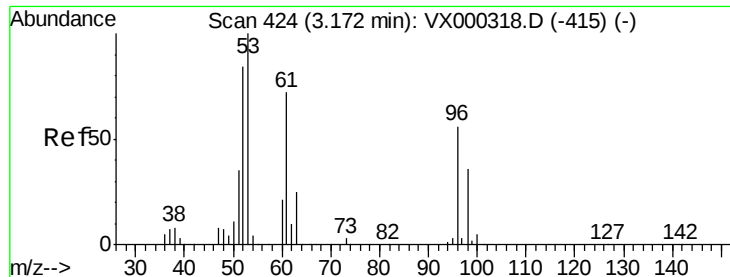
Tgt Ion: 73 Resp: 506278
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8



#20
Methylene Chloride
Concen: 115.76 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Tgt Ion: 84 Resp: 150322
Ion Ratio Lower Upper
84 100
49 125.7 100.6 151.0
51 38.9 31.6 47.4
86 63.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 123.38 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

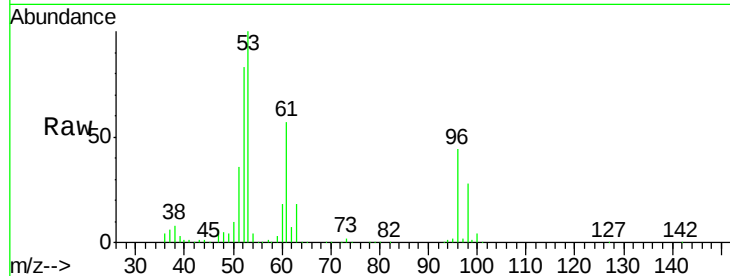
Tgt Ion: 96 Resp: 157010

Ion Ratio Lower Upper

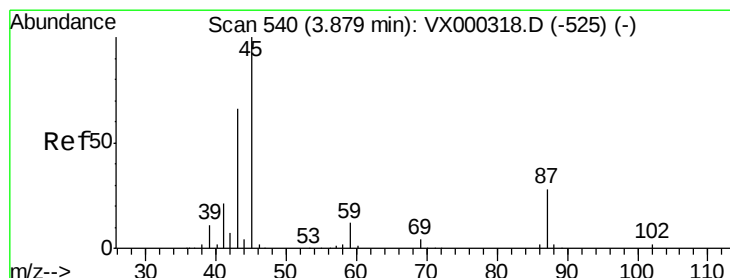
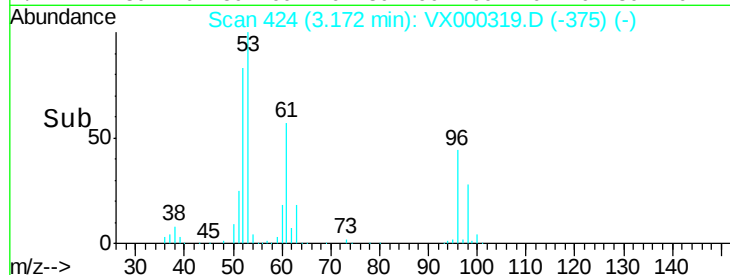
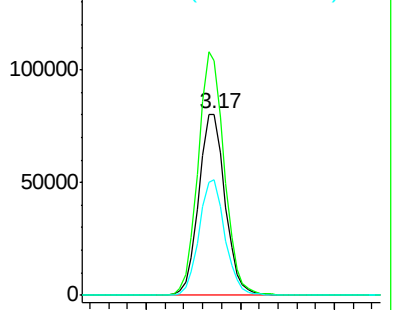
96 100

61 129.4 104.0 156.0

98 63.4 52.1 78.1



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



#22

Diisopropyl ether

Concen: 112.82 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Tgt Ion: 45 Resp: 415353

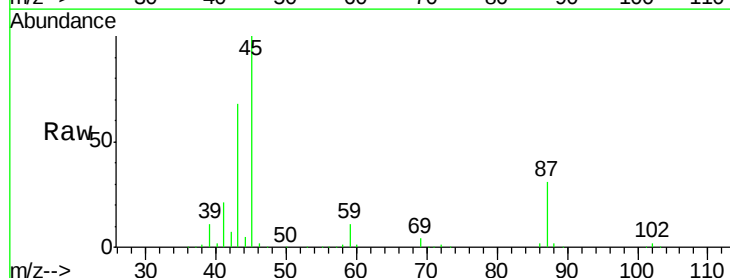
Ion Ratio Lower Upper

45 100

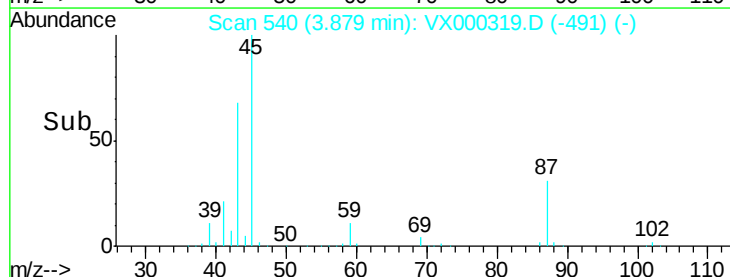
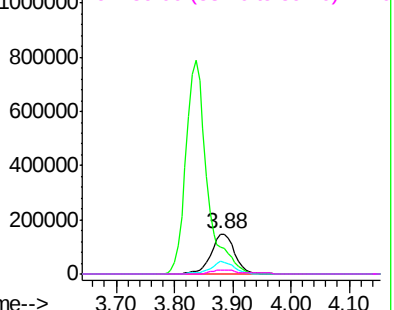
43 68.4 53.9 80.9

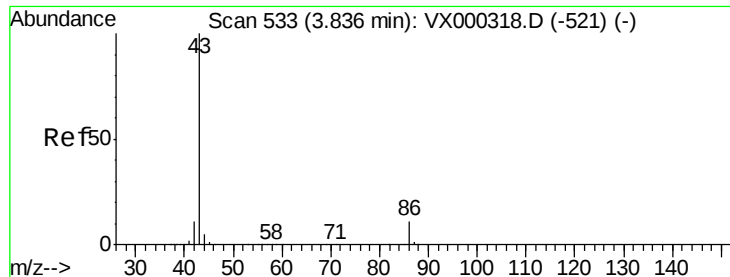
87 30.5 22.6 34.0

59 11.1 9.5 14.3



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

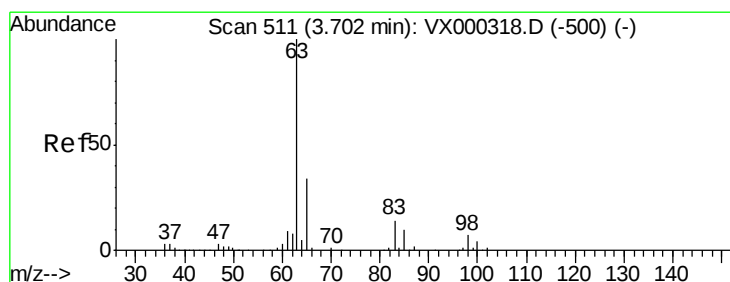
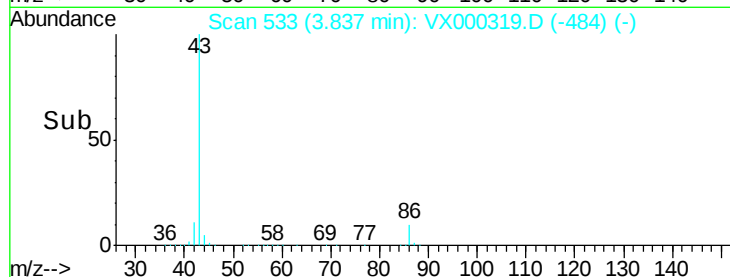
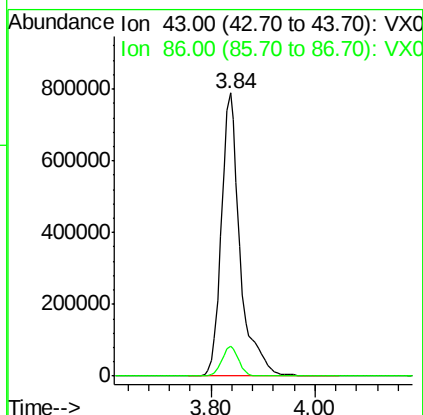
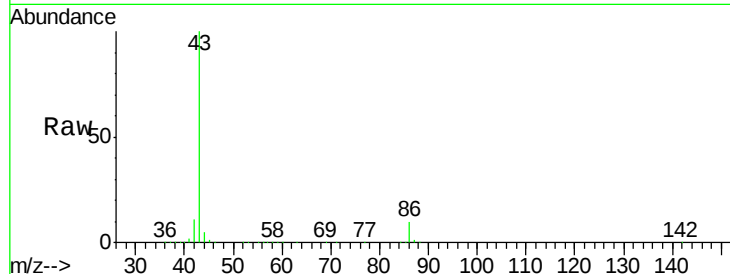




#23
 Vinyl Acetate
 Concen: 611.38 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

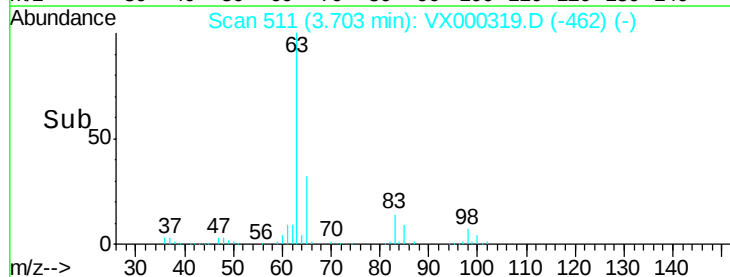
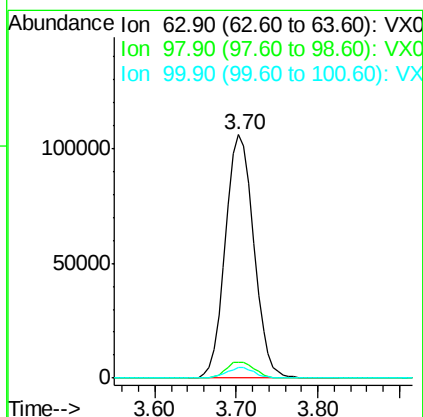
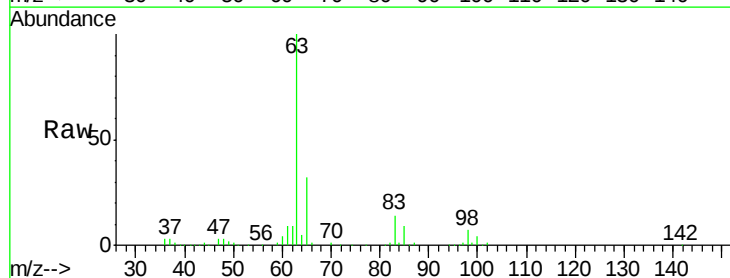
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

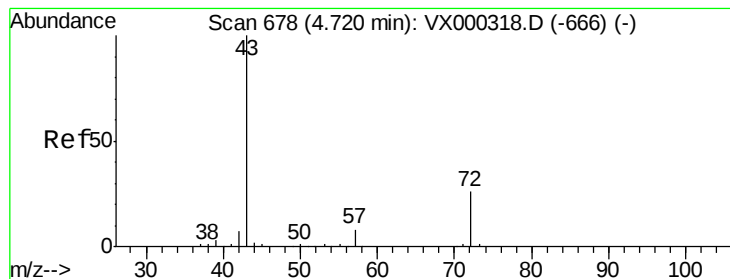
Tgt Ion: 43 Resp: 1997546
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 120.05 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

Tgt Ion: 63 Resp: 254857
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 510.44 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

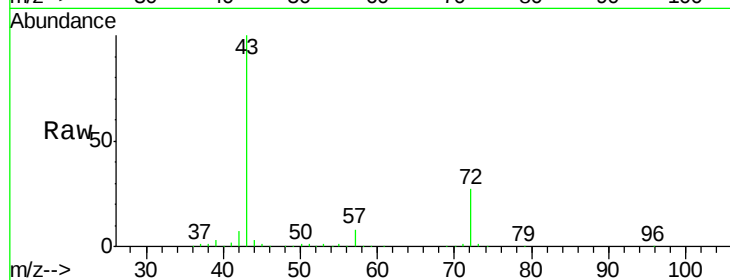
VSTDIC100

Tgt Ion: 43 Resp: 749863

Ion Ratio Lower Upper

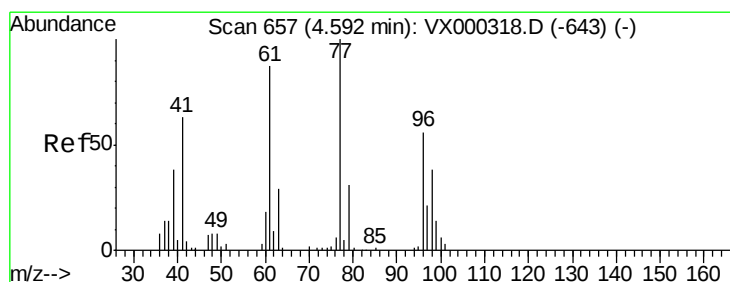
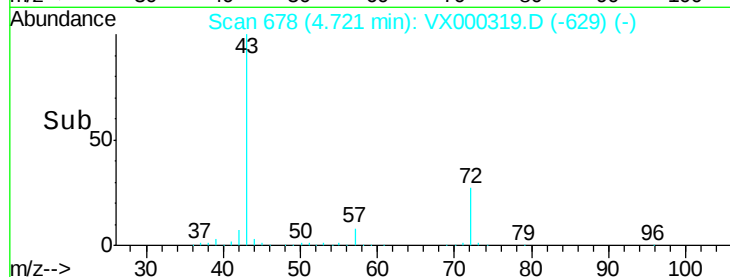
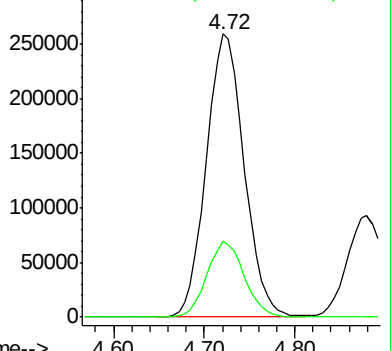
43 100

72 26.8 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 103.26 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000319.D

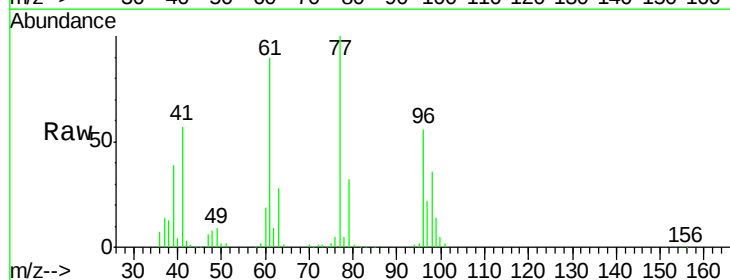
Acq: 14 Mar 2018 17:41

Tgt Ion: 77 Resp: 193235

Ion Ratio Lower Upper

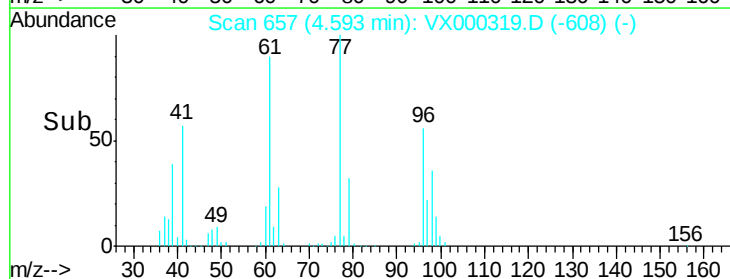
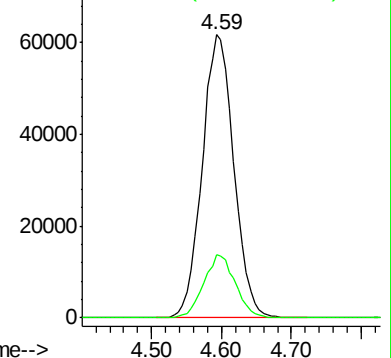
77 100

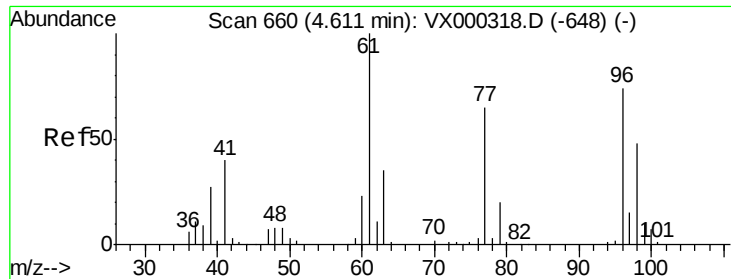
97 22.2 11.3 33.8



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: 104.74 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

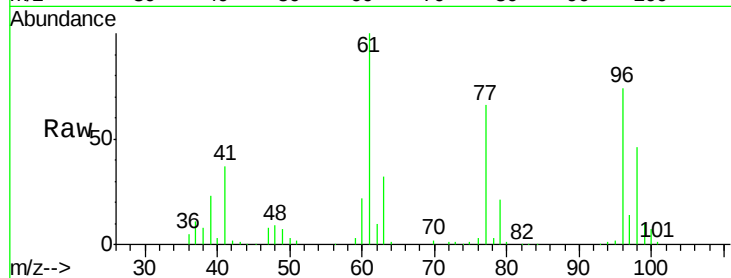
Tgt Ion: 96 Resp: 138270

Ion Ratio Lower Upper

96 100

61 147.6 0.0 291.6

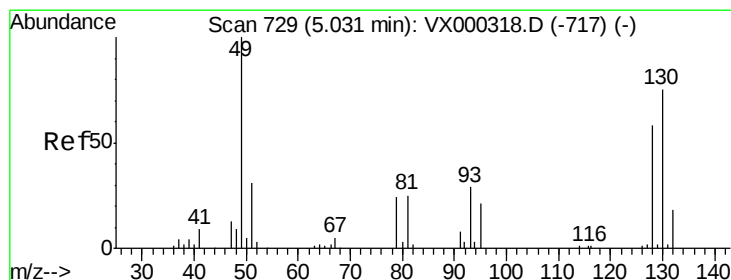
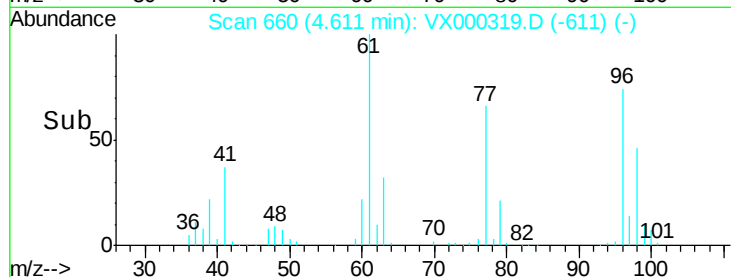
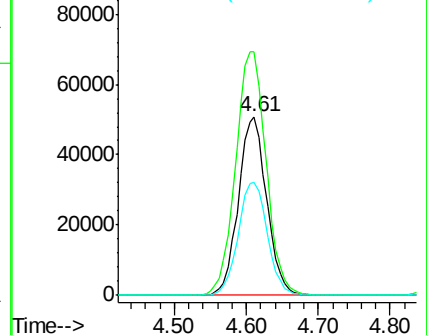
98 65.4 0.0 132.0



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: 112.39 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

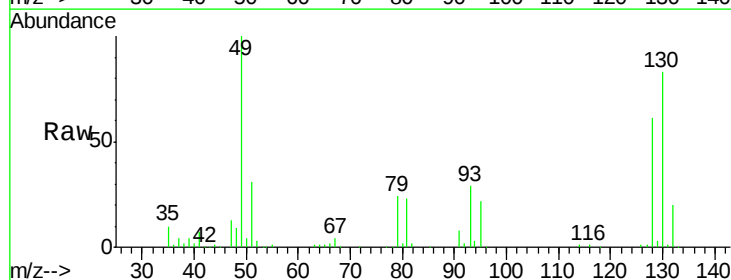
Tgt Ion: 49 Resp: 112444

Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

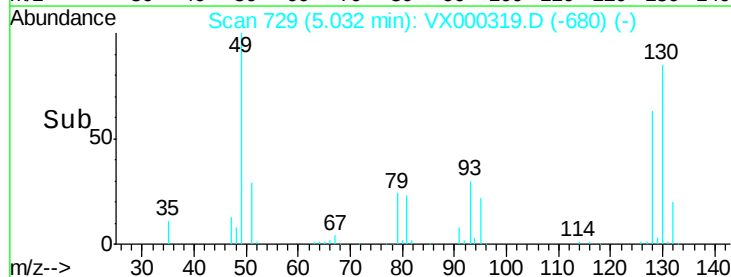
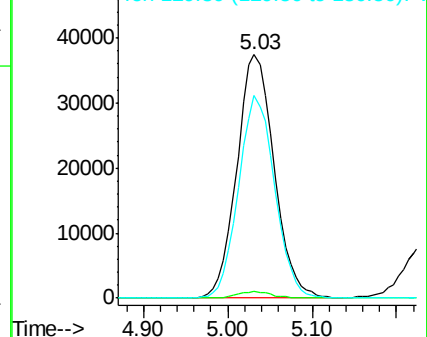
130 80.5 64.0 96.0

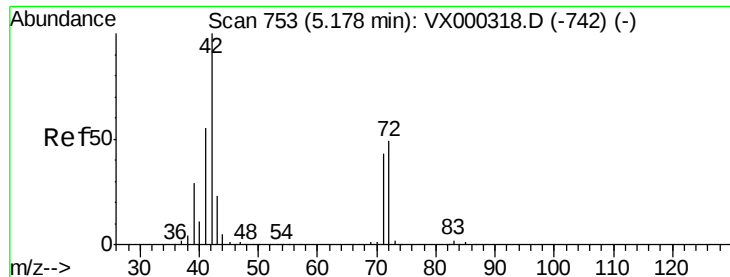


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 541.78 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

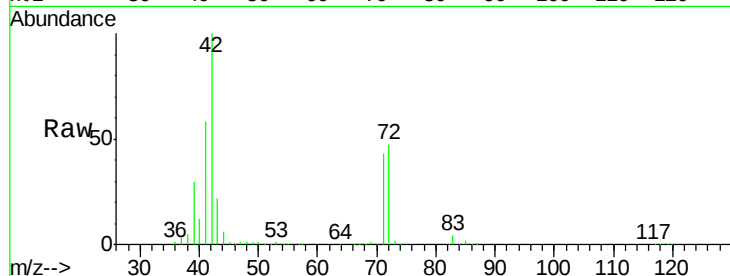
Tgt Ion: 42 Resp: 488270

Ion Ratio Lower Upper

42 100

72 46.5 37.9 56.9

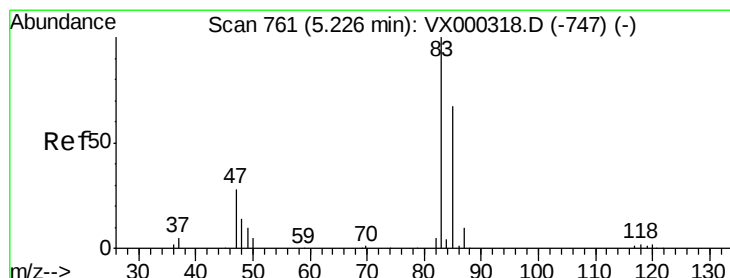
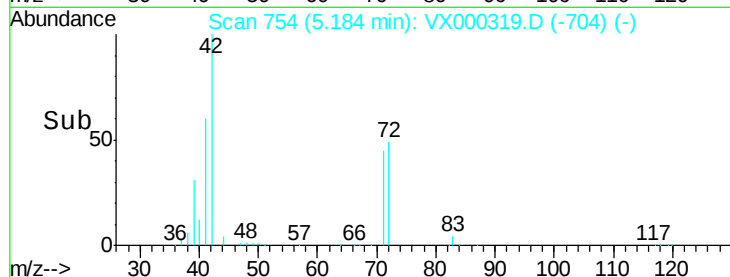
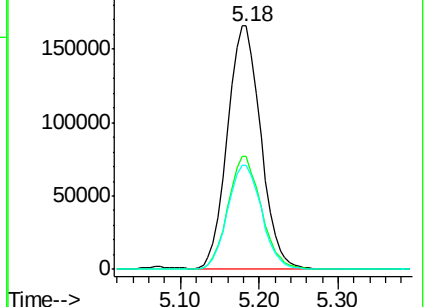
71 43.7 34.4 51.6



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: 117.49 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX000319.D

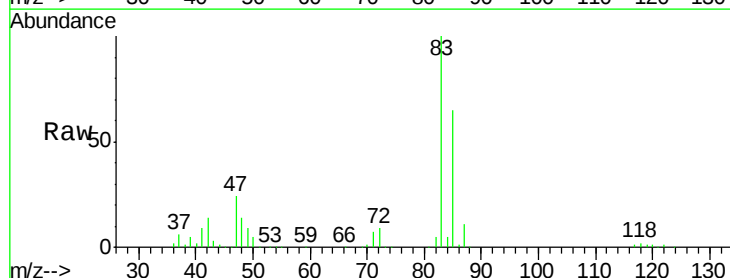
Acq: 14 Mar 2018 17:41

Tgt Ion: 83 Resp: 261853

Ion Ratio Lower Upper

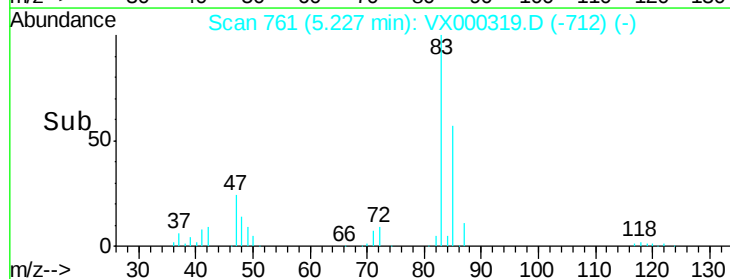
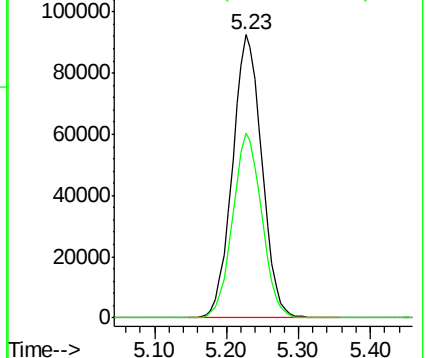
83 100

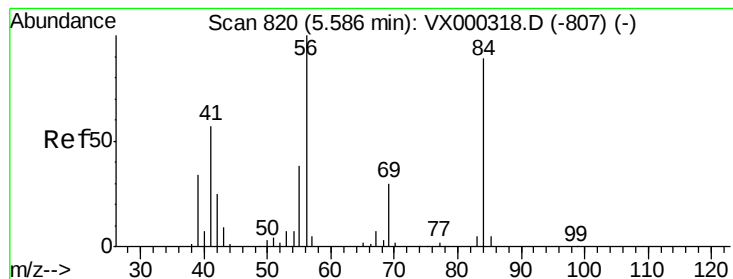
85 65.5 53.3 79.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 106.01 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

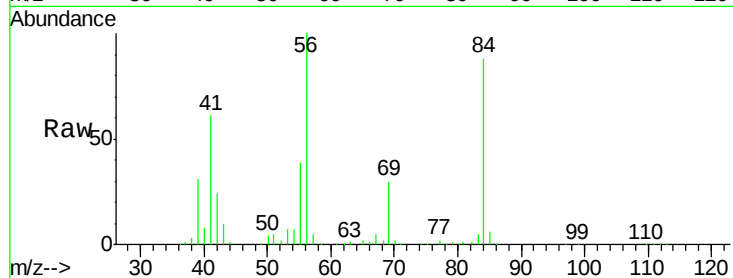
Tgt Ion: 56 Resp: 205546

Ion Ratio Lower Upper

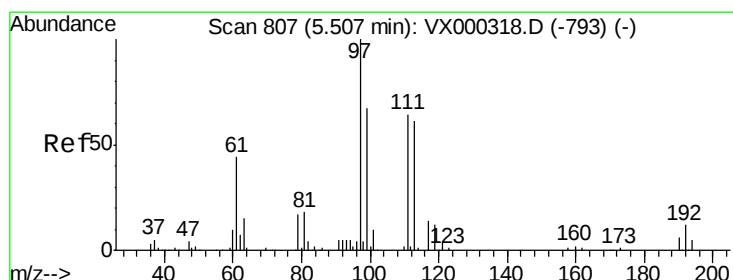
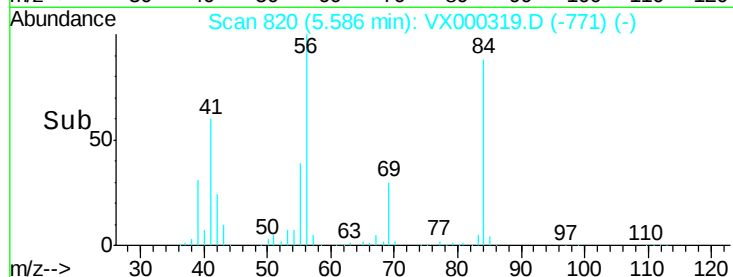
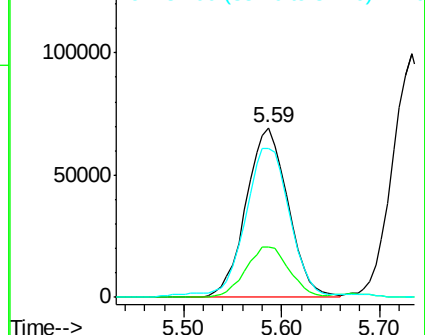
56 100

69 29.8 23.4 35.0

84 86.6 71.0 106.4



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



#32

1,1,1-Trichloroethane

Concen: 114.25 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

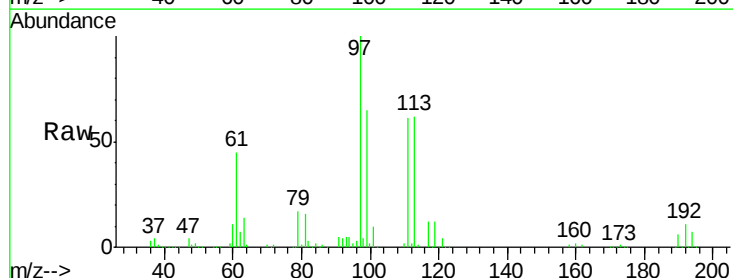
Tgt Ion: 97 Resp: 236660

Ion Ratio Lower Upper

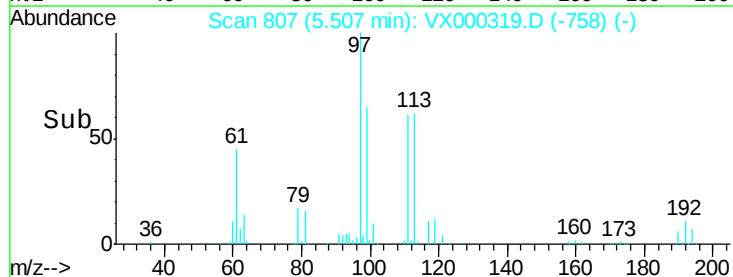
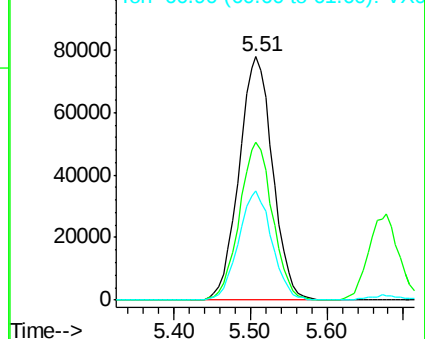
97 100

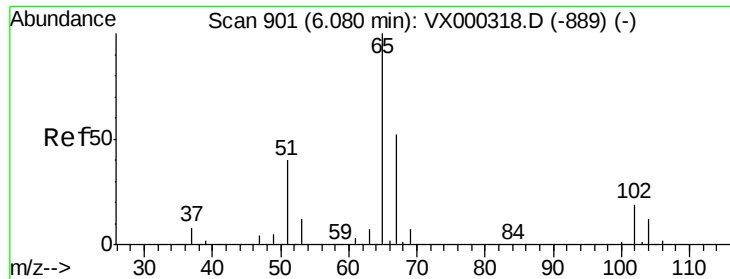
99 64.2 52.1 78.1

61 44.4 36.2 54.4



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

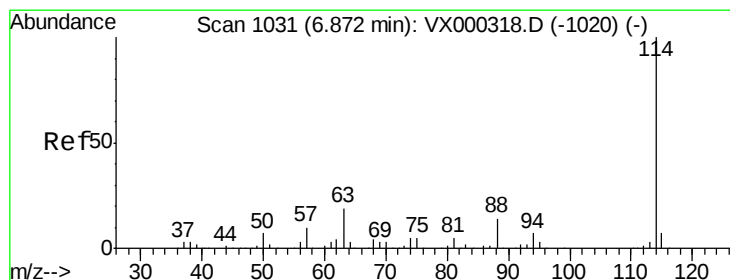
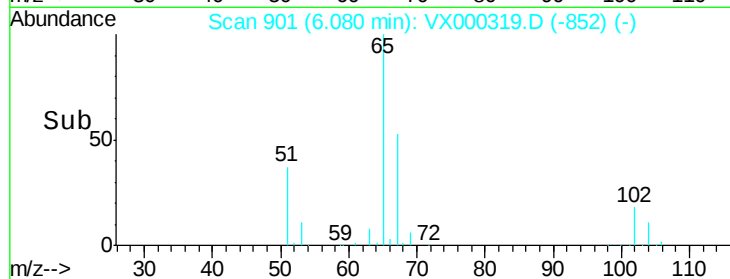
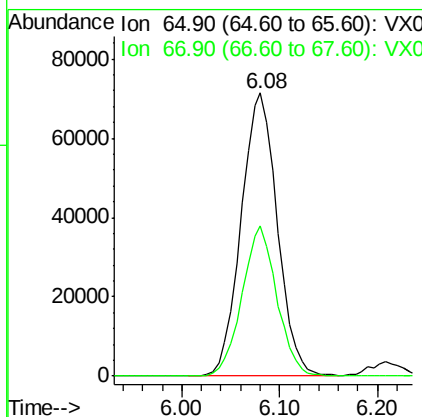
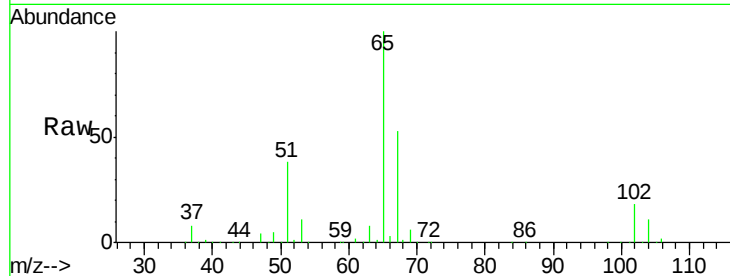




#33
 1,2-Dichloroethane-d4
 Concen: 125.56 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

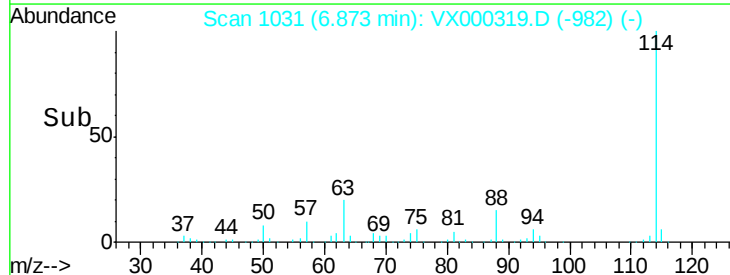
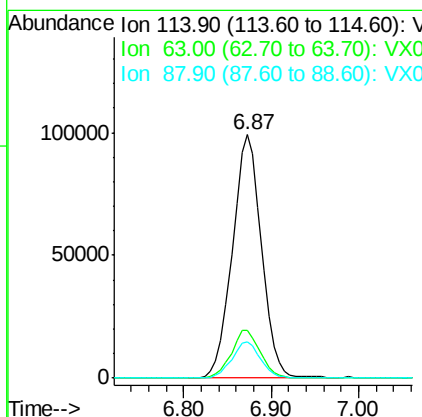
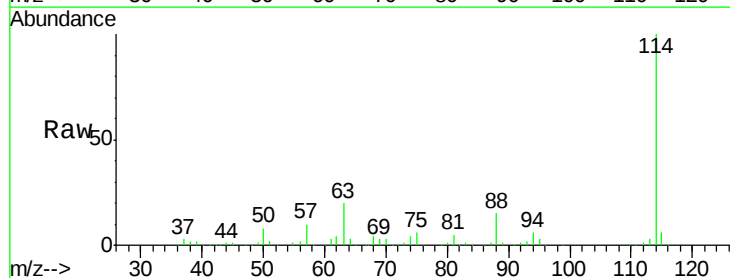
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

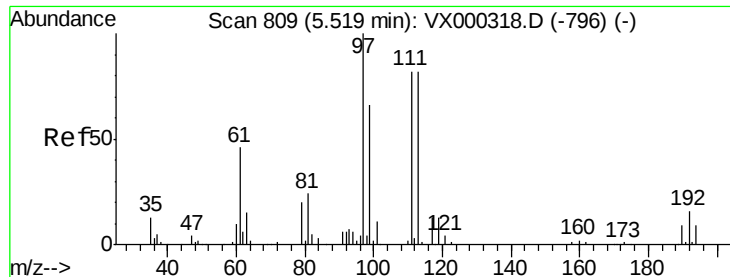
Tgt Ion: 65 Resp: 183565
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

Tgt Ion: 114 Resp: 228919
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.4
 88 14.8 0.0 27.0

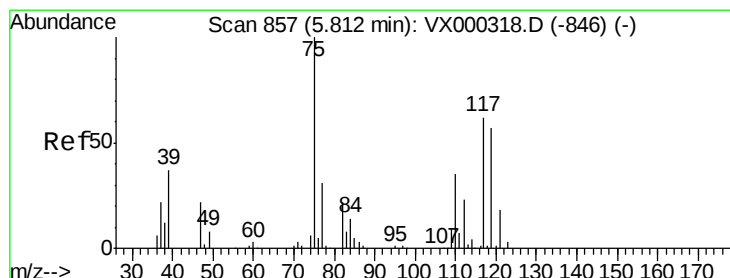
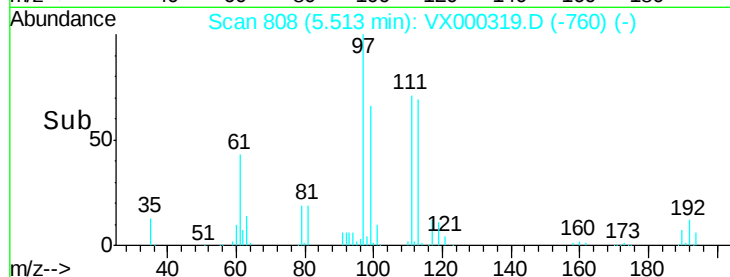
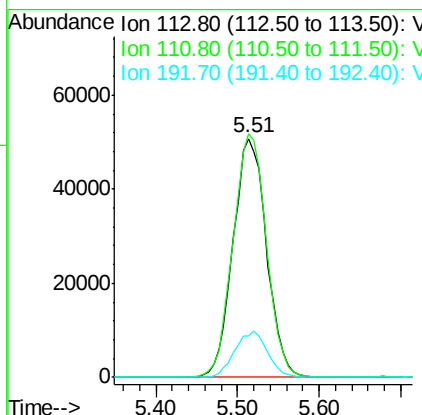
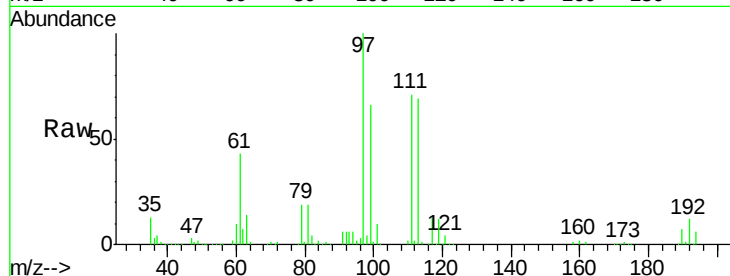




#35
 Dibromofluoromethane
 Concen: 99.12 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

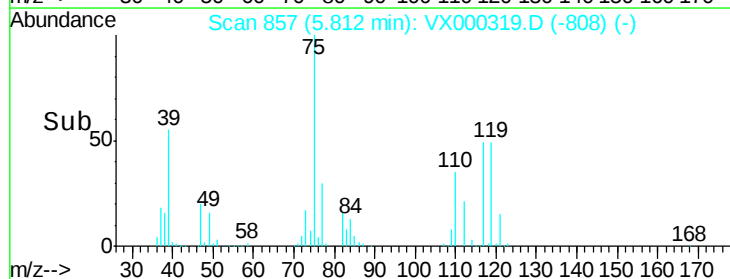
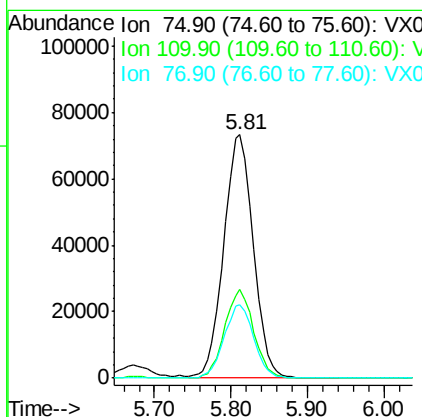
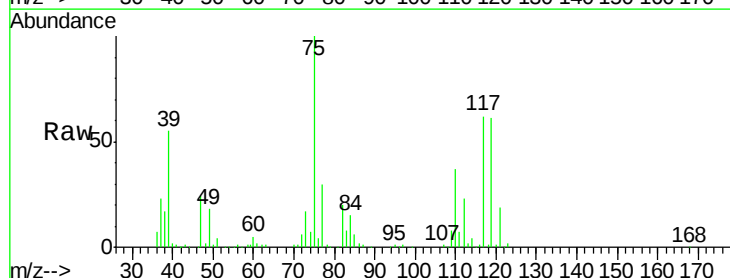
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

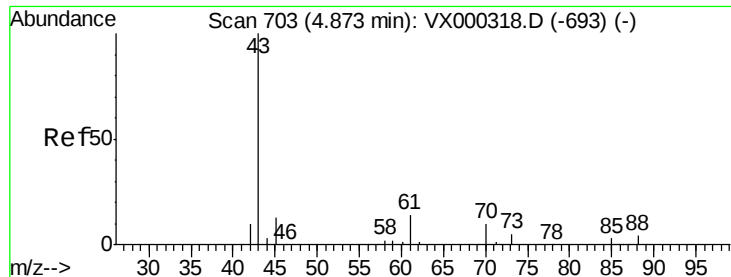
Tgt Ion:113 Resp: 143890
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 19.0 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 96.79 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

Tgt Ion: 75 Resp: 196391
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.9 53.7
 77 29.9 24.0 36.0

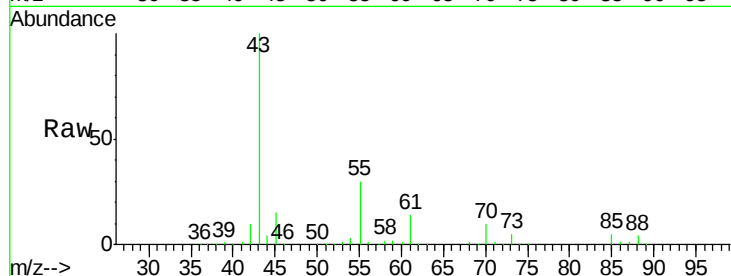




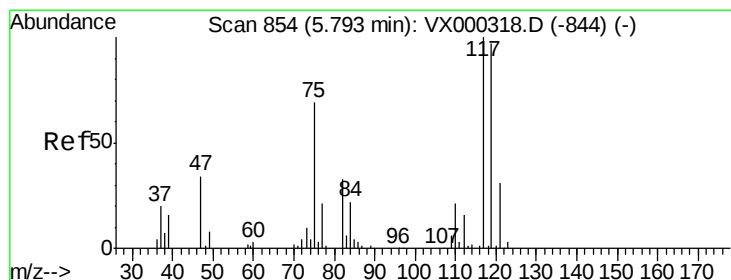
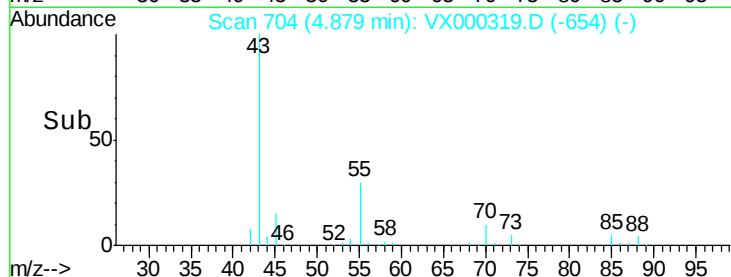
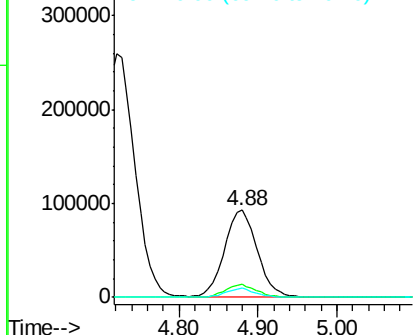
#37
Ethyl Acetate
Concen: 94.92 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 268255
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 9.7 7.7 11.5

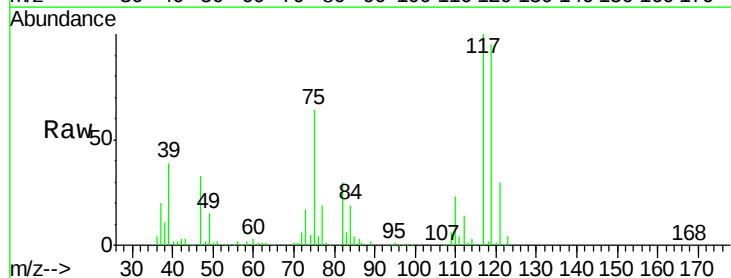


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

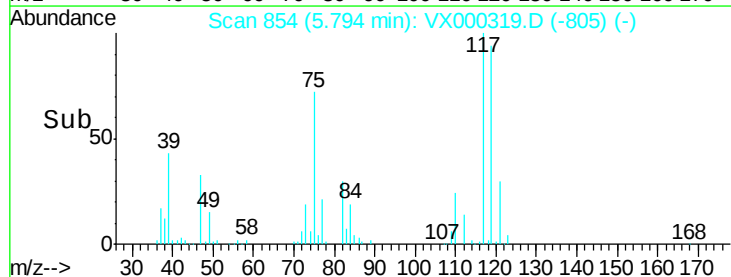
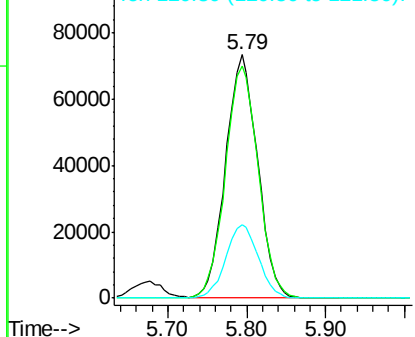


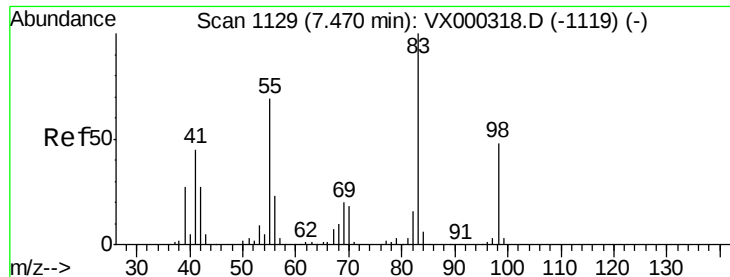
#38
Carbon Tetrachloride
Concen: 93.55 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Tgt Ion: 117 Resp: 207179
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.2
121 29.9 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

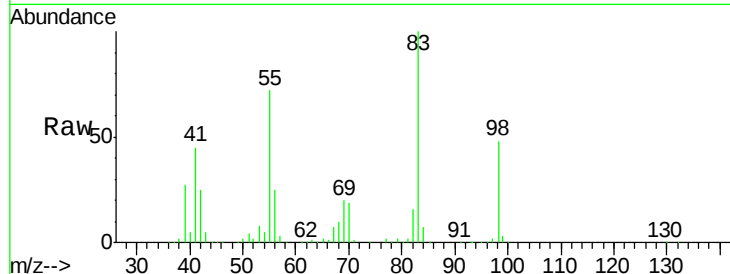




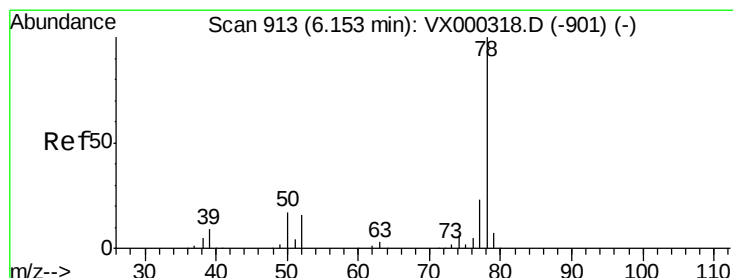
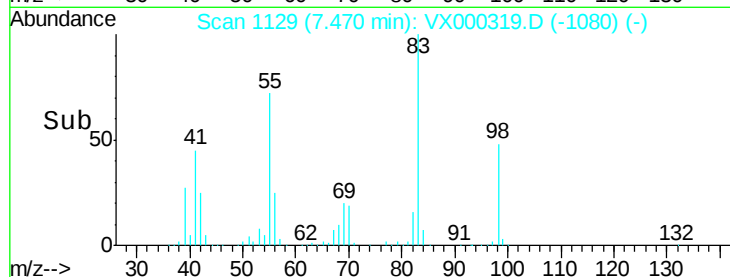
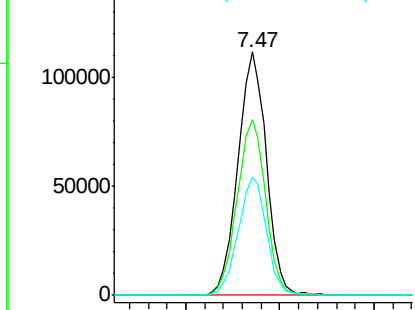
#39
Methylcyclohexane
Concen: 92.45 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 236198
Ion Ratio Lower Upper
83 100
55 72.2 55.5 83.3
98 48.5 38.2 57.4

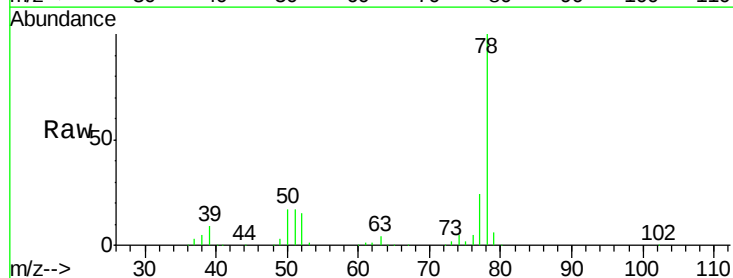


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

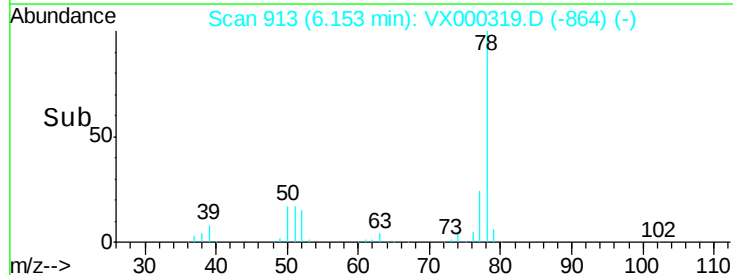
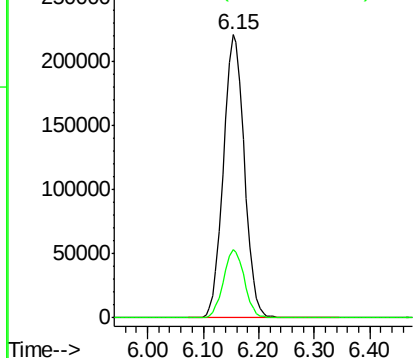


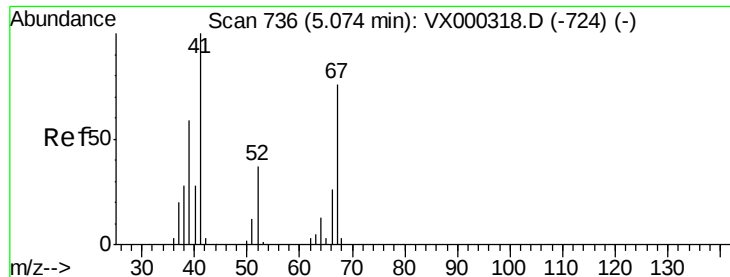
#40
Benzene
Concen: 99.83 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Tgt Ion: 78 Resp: 574539
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 92.73 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 137759

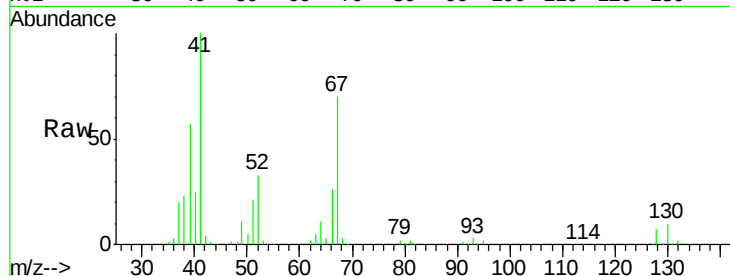
Ion Ratio Lower Upper

41 100

39 56.8 45.7 68.5

67 74.0 57.8 86.8

52 31.7 26.7 40.1

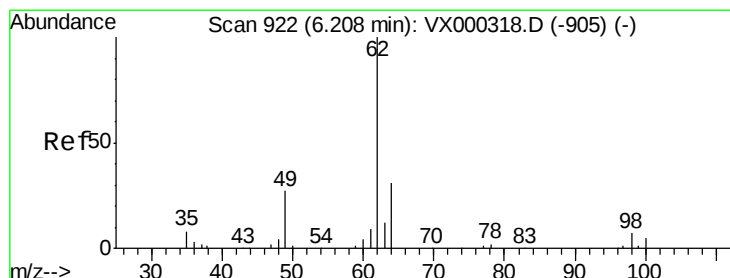
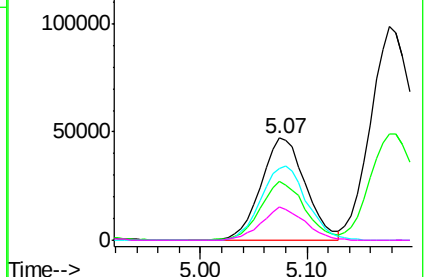
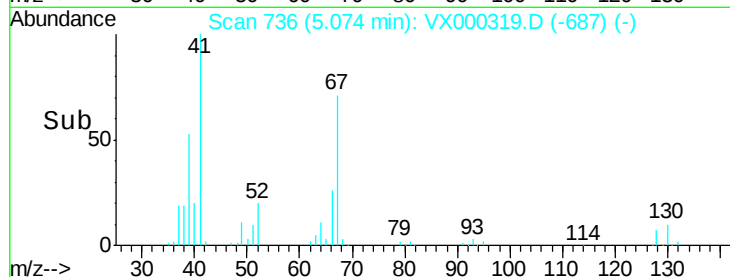


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 106.18 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.00 min

Lab File: VX000319.D

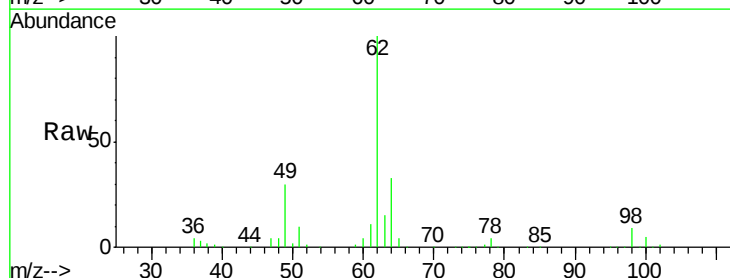
Acq: 14 Mar 2018 17:41

Tgt Ion: 62 Resp: 221739

Ion Ratio Lower Upper

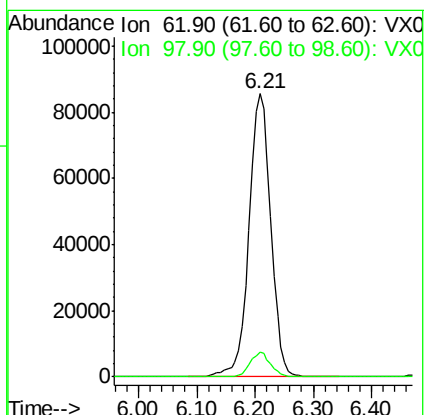
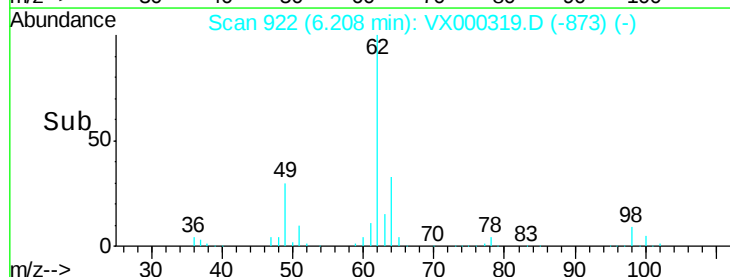
62 100

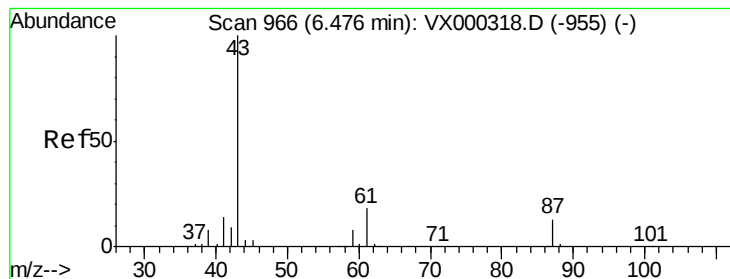
98 8.2 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 98.74 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

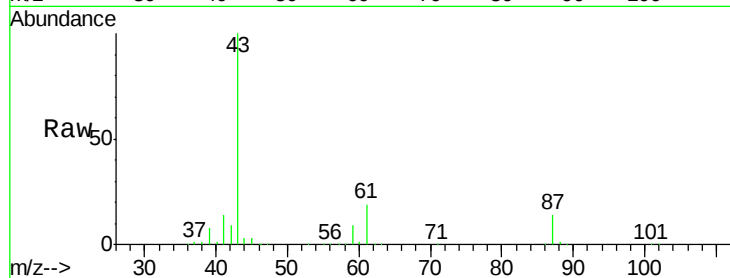
Tgt Ion: 43 Resp: 414439

Ion Ratio Lower Upper

43 100

61 18.7 14.4 21.6

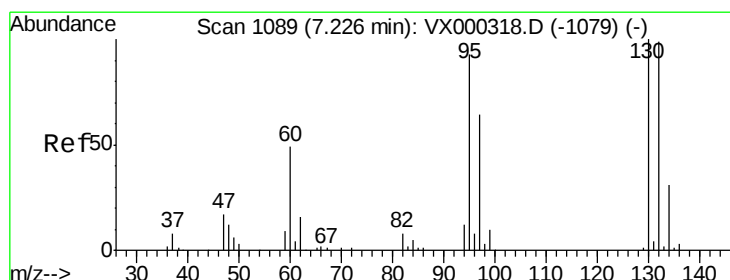
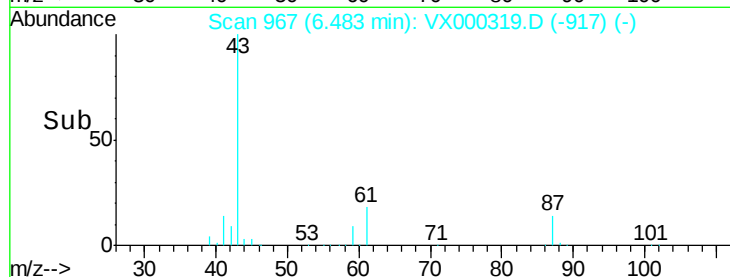
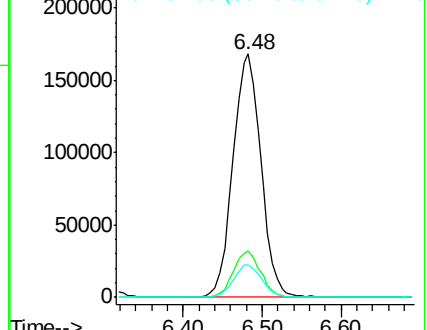
87 13.4 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 87.53 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000319.D

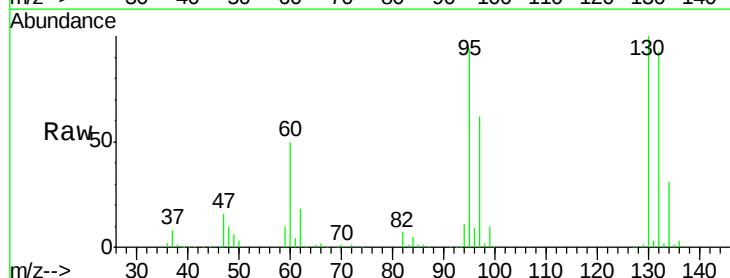
Acq: 14 Mar 2018 17:41

Tgt Ion: 130 Resp: 159080

Ion Ratio Lower Upper

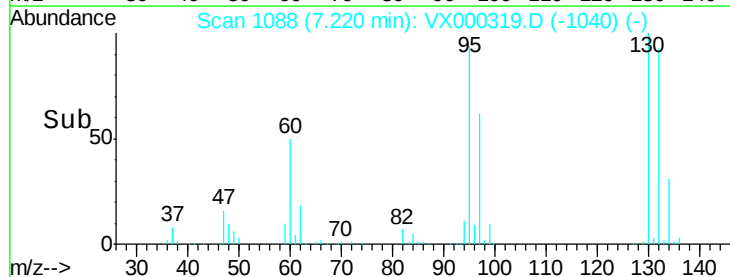
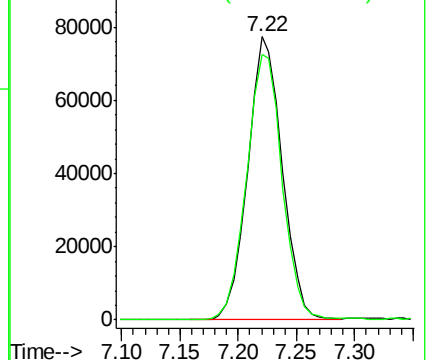
130 100

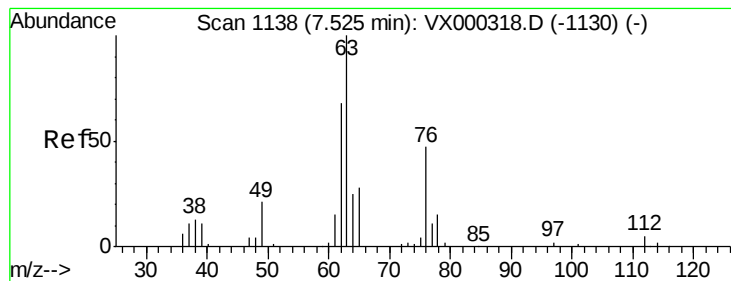
95 93.9 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 97.25 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

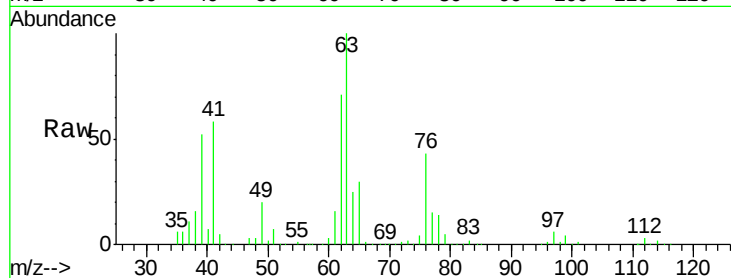
VSTDICC100

Tgt Ion: 63 Resp: 144058

Ion Ratio Lower Upper

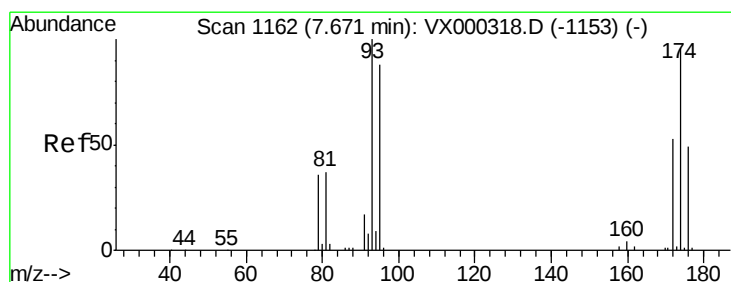
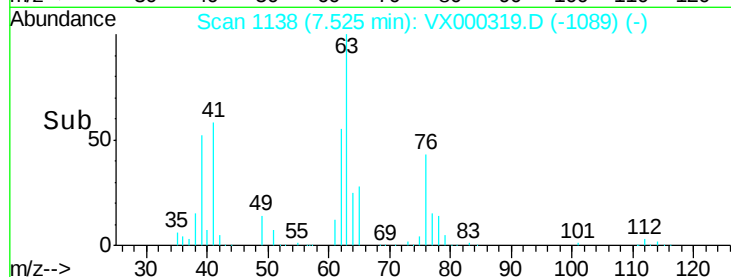
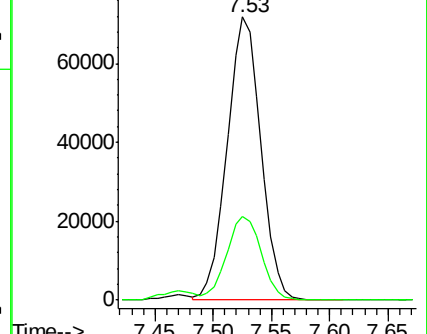
63 100

65 29.6 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 101.06 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

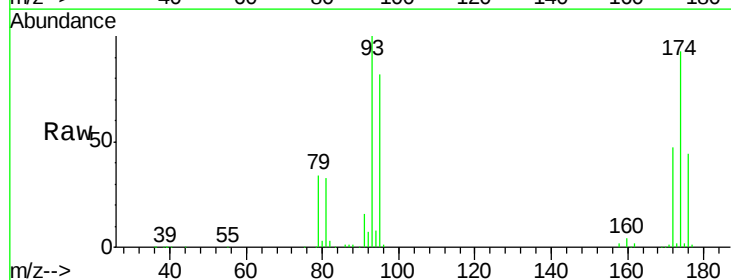
Tgt Ion: 93 Resp: 111669

Ion Ratio Lower Upper

93 100

95 83.2 66.5 99.7

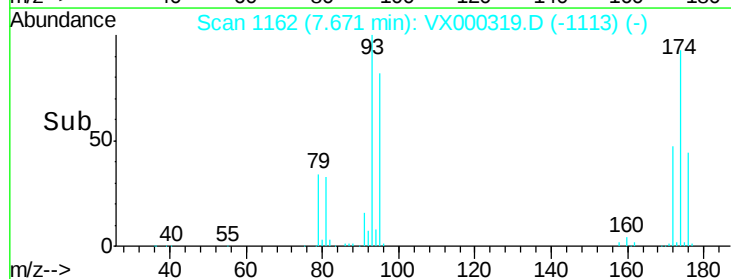
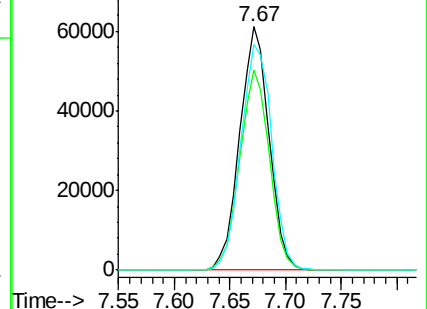
174 98.2 76.0 114.0

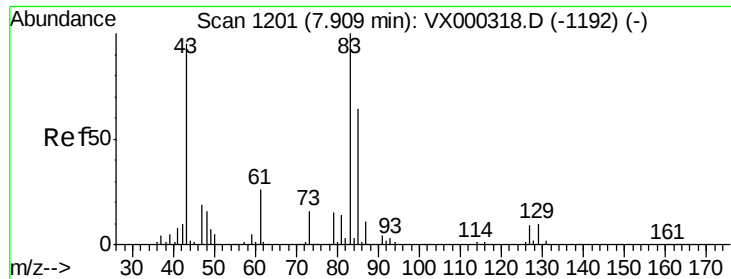


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 102.08 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

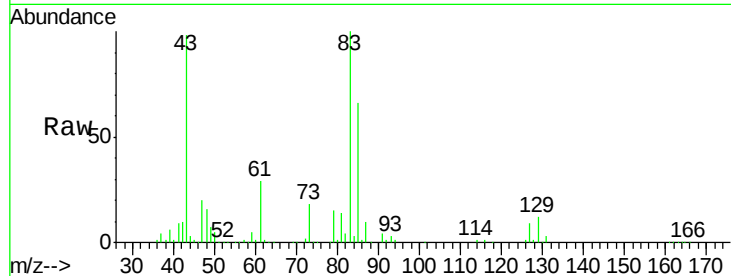
Tgt Ion: 83 Resp: 213500

Ion Ratio Lower Upper

83 100

85 65.8 51.4 77.0

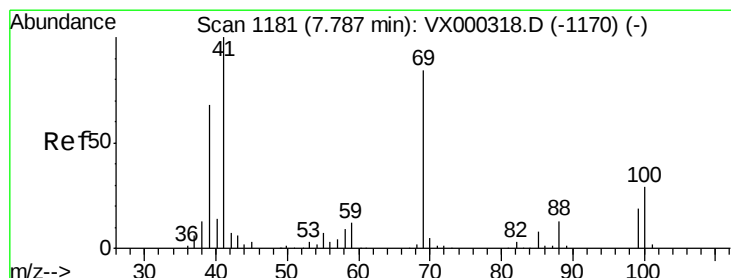
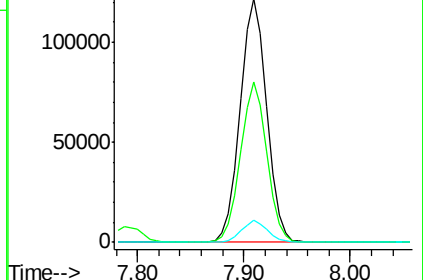
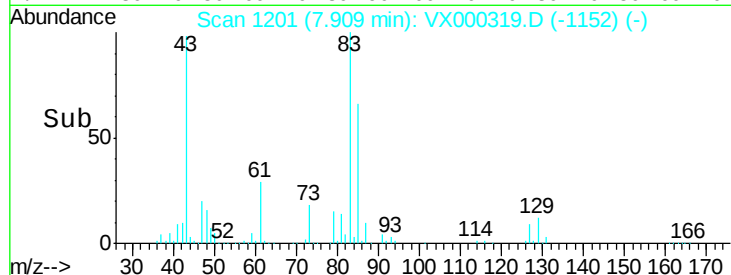
127 9.1 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 98.34 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

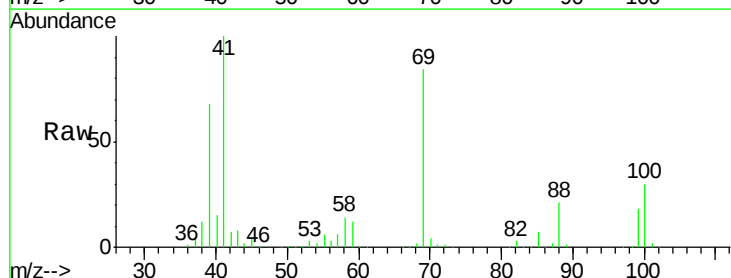
Tgt Ion: 41 Resp: 204285

Ion Ratio Lower Upper

41 100

69 85.6 68.2 102.4

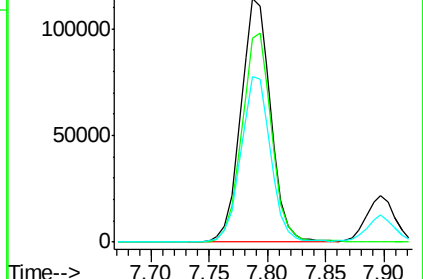
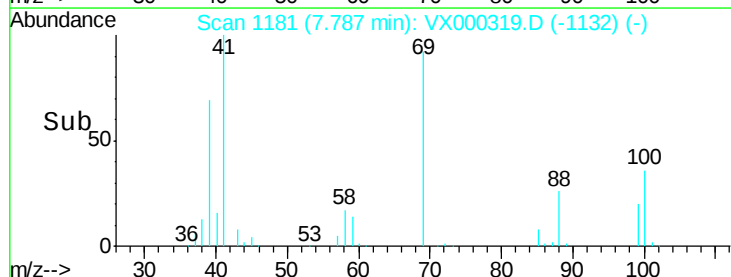
39 67.2 54.6 81.8

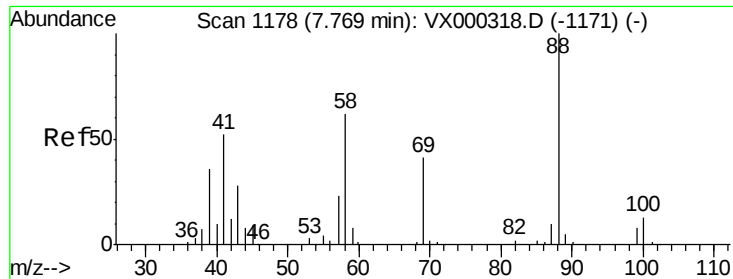


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

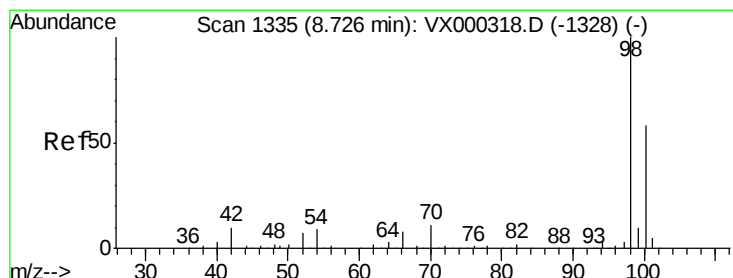
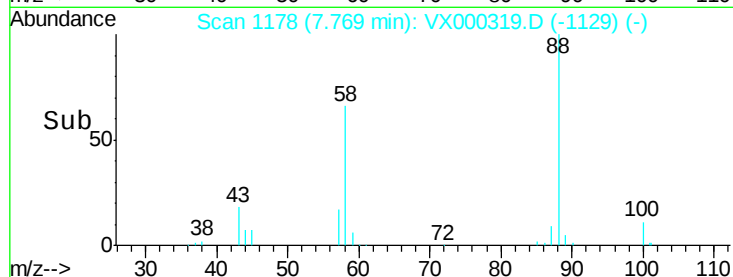
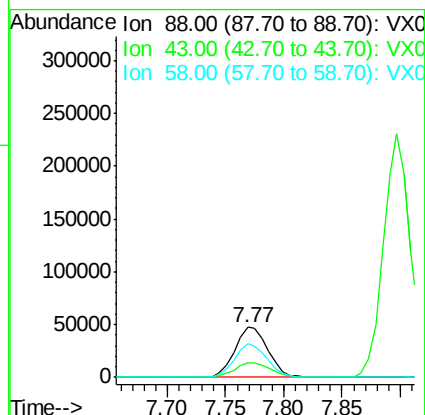
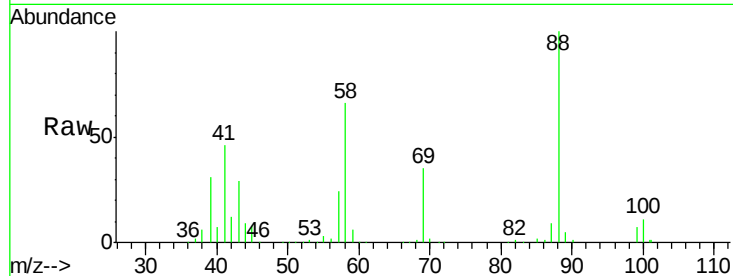




#49
1,4-Dioxane
Concen: 1788.24 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

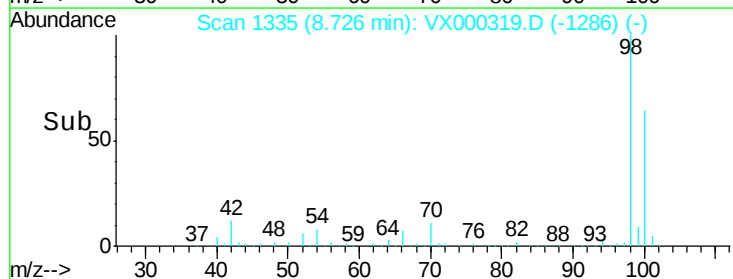
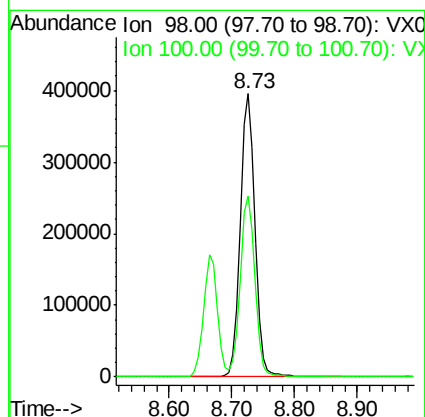
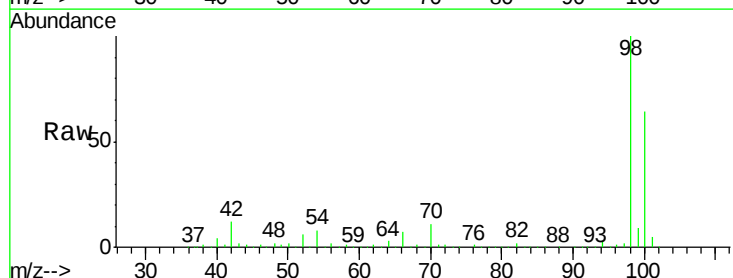
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

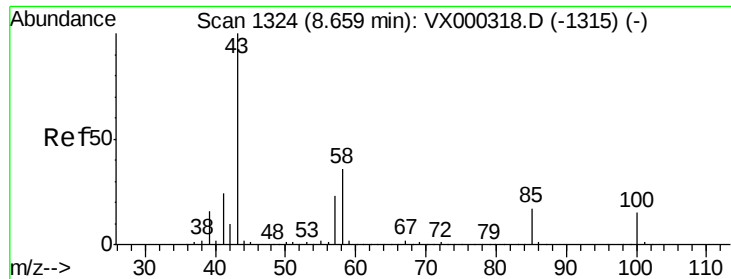
Tgt Ion: 88 Resp: 93767
Ion Ratio Lower Upper
88 100
43 33.1 26.8 40.2
58 66.2 52.2 78.2



#50
Toluene-d8
Concen: 114.90 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Tgt Ion: 98 Resp: 640044
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 552.35 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

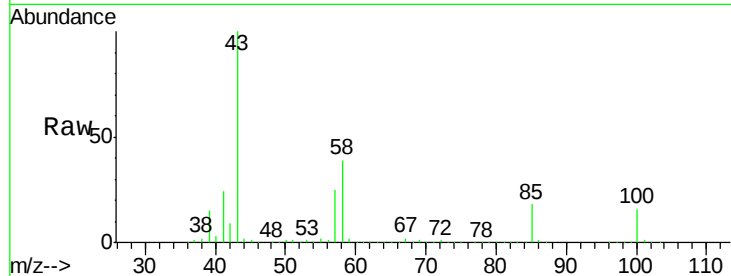
VSTDIC100

Tgt Ion: 43 Resp: 1645184

Ion Ratio Lower Upper

43 100

58 38.3 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.67

1200000

1000000

800000

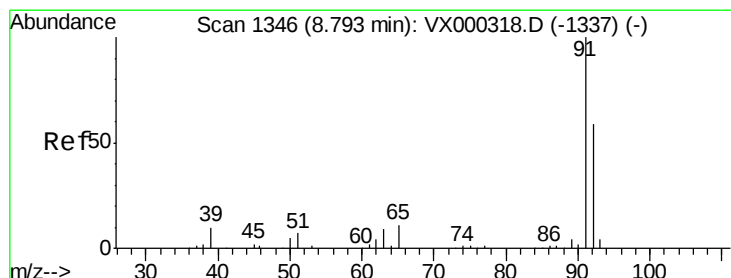
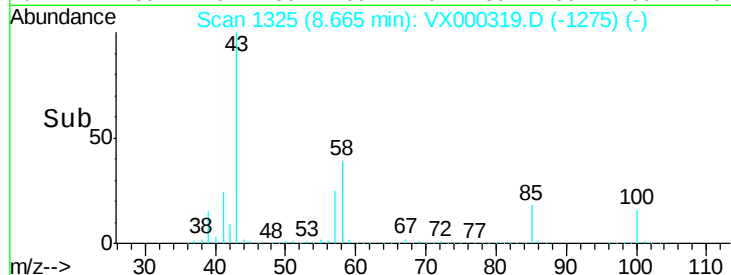
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 110.31 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000319.D

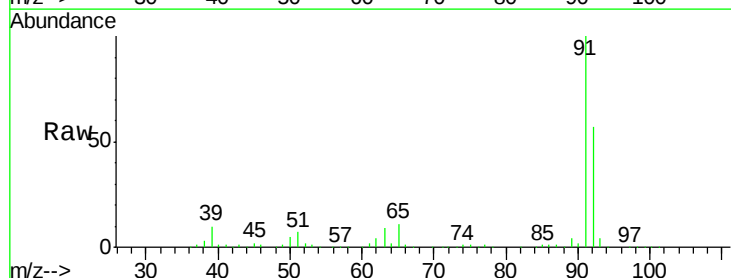
Acq: 14 Mar 2018 17:41

Tgt Ion: 92 Resp: 425023

Ion Ratio Lower Upper

92 100

91 175.1 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

500000

400000

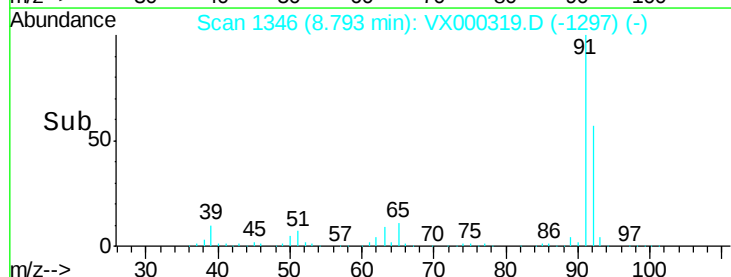
300000

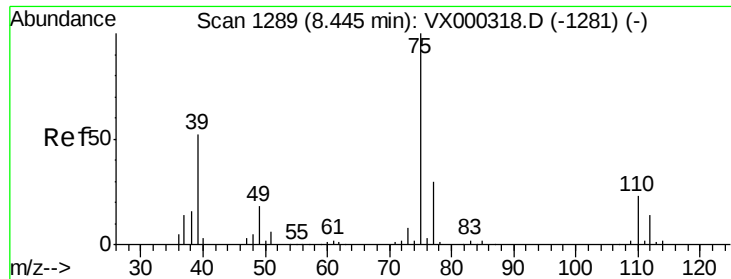
200000

100000

0

Time-->

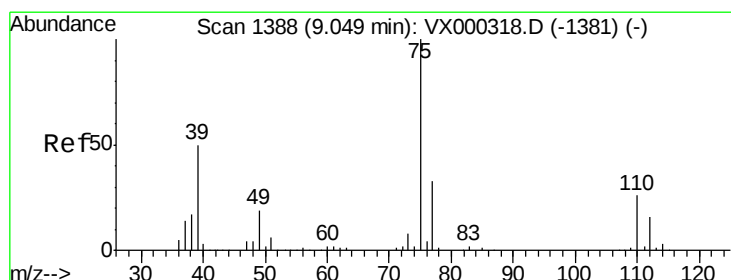
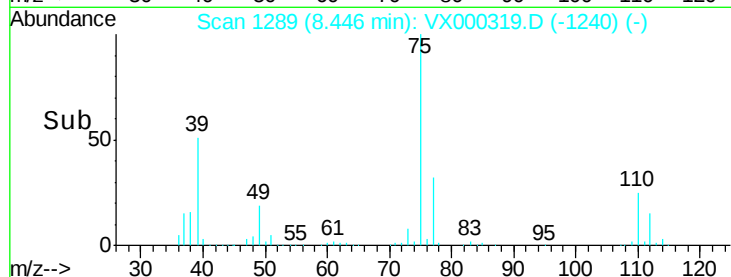
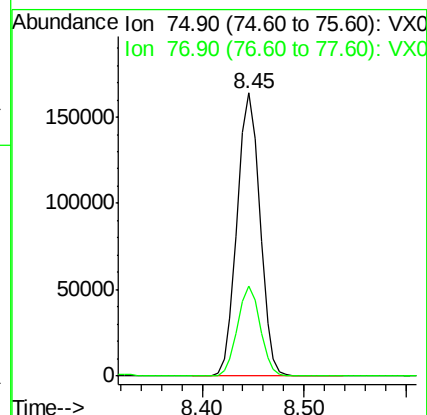
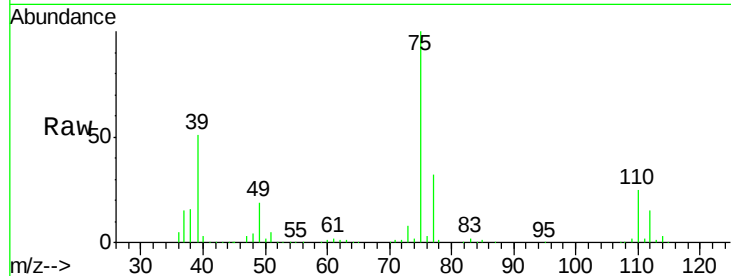




#53
t-1,3-Dichloropropene
Concen: 101.72 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

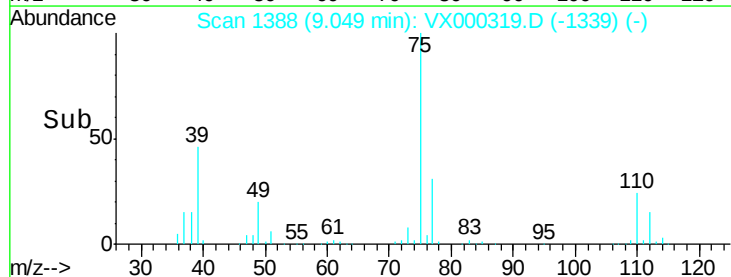
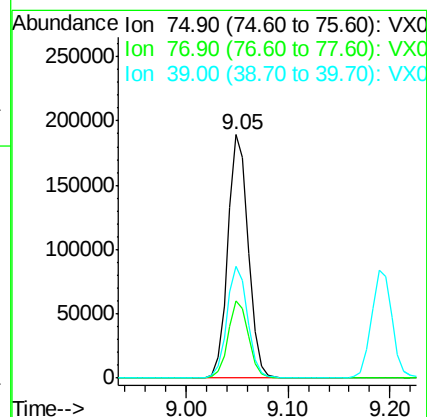
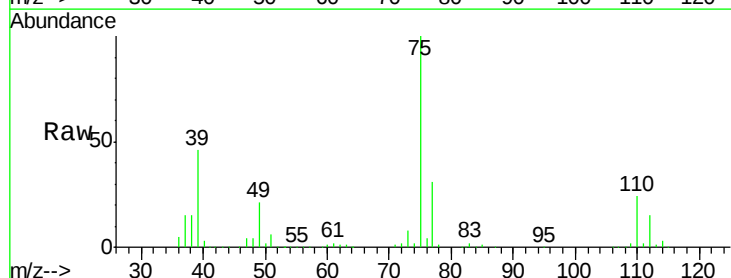
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

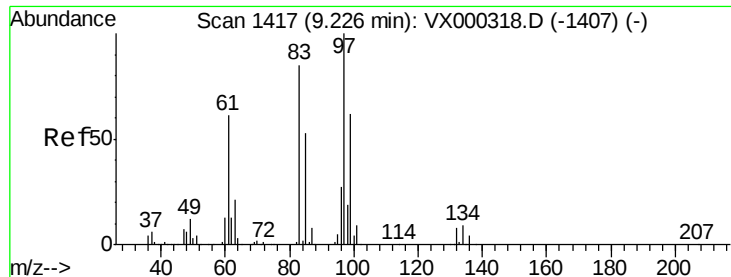
Tgt Ion: 75 Resp: 253985
Ion Ratio Lower Upper
75 100
77 31.7 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 107.21 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Tgt Ion: 75 Resp: 262173
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1
39 45.8 39.8 59.6

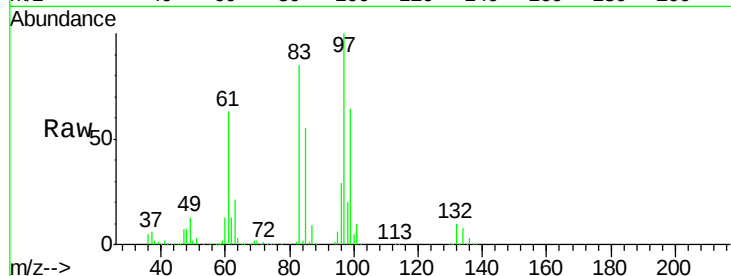




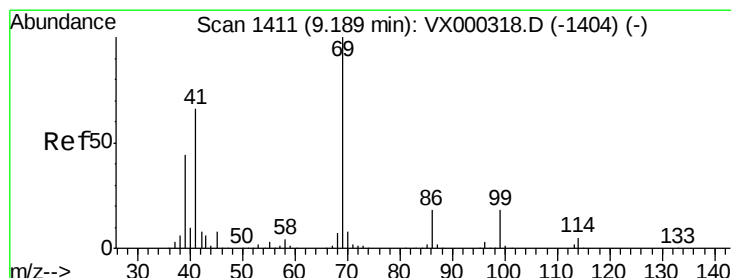
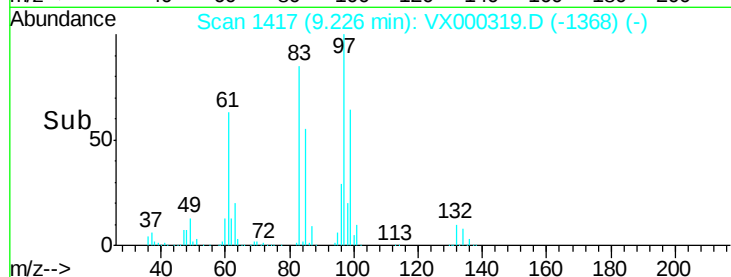
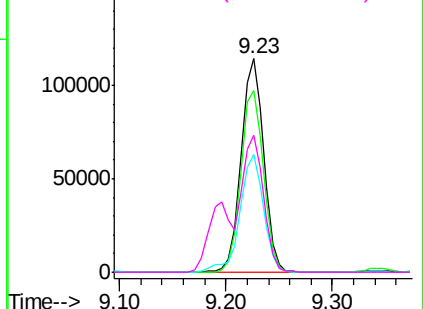
#55
 1,1,2-Trichloroethane
 Concen: 107.02 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	170798
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.9	101.9
85	55.1	42.8	64.2
99	63.9	49.4	74.2

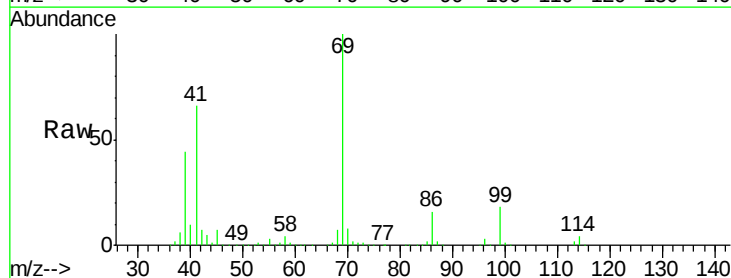


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

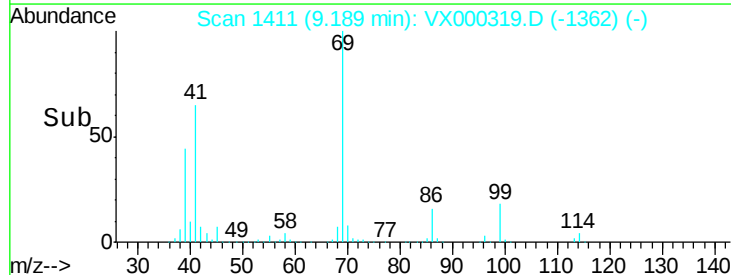
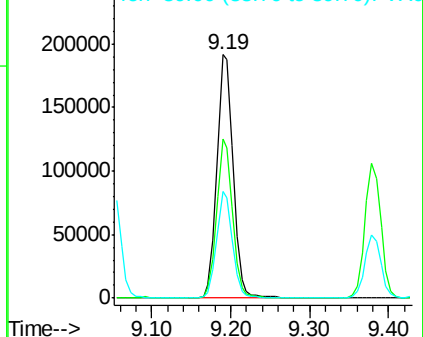


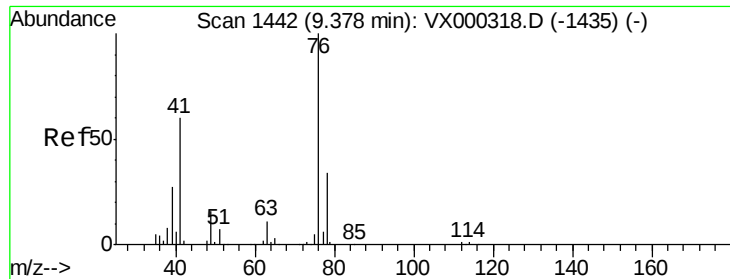
#56
 Ethyl methacrylate
 Concen: 108.73 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

Tgt Ion:	69	Resp:	277225
Ion	Ratio	Lower	Upper
69	100		
41	63.4	53.0	79.6
39	42.5	35.3	52.9



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

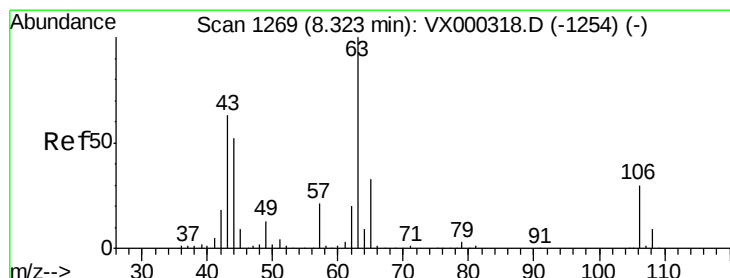
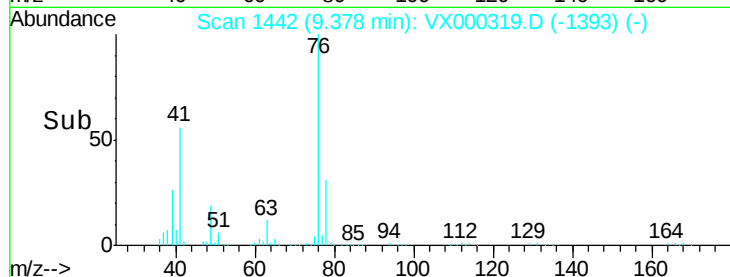
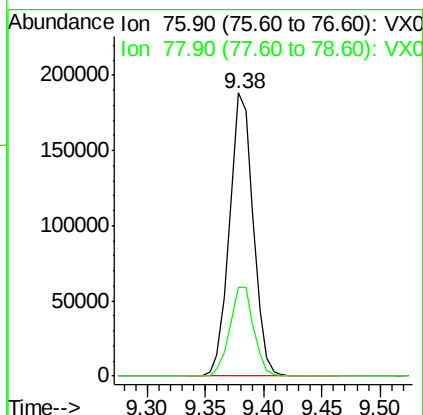
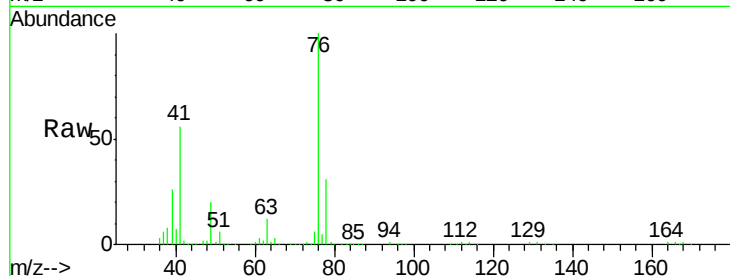




#57
 1,3-Dichloropropane
 Concen: 105.34 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

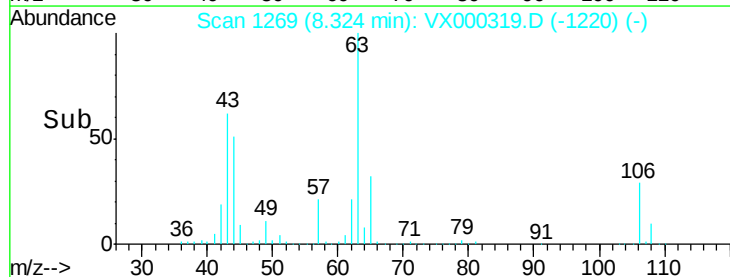
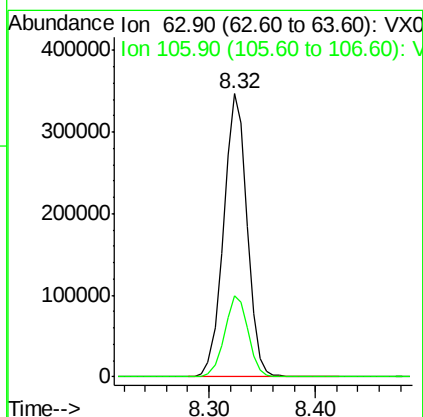
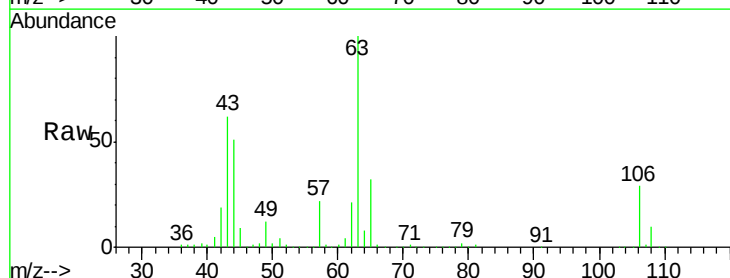
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

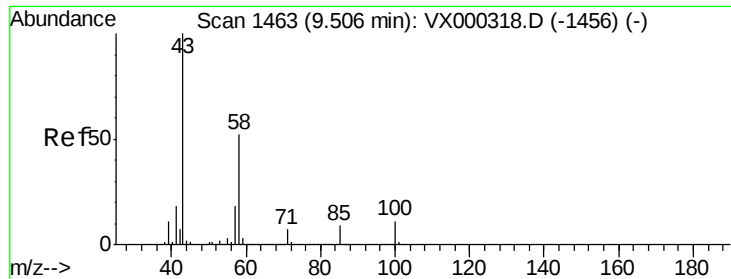
Tgt Ion: 76 Resp: 267082
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 449.74 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

Tgt Ion: 63 Resp: 534227
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.2 34.8

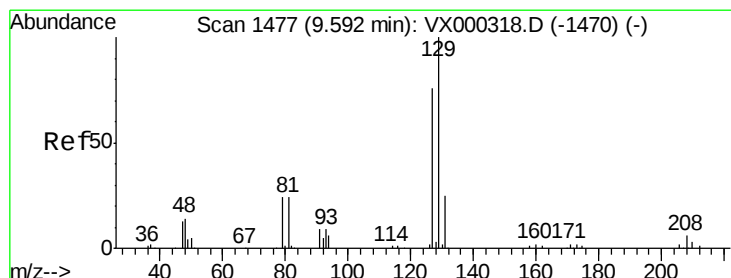
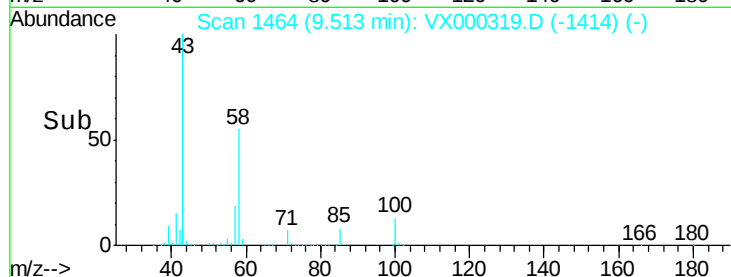
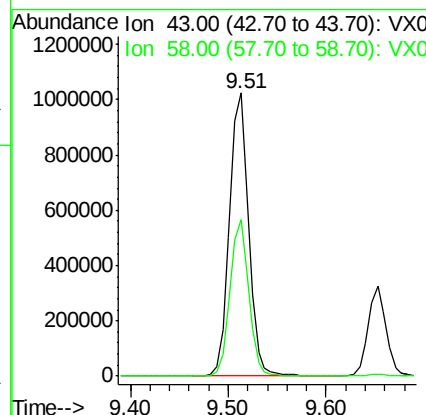
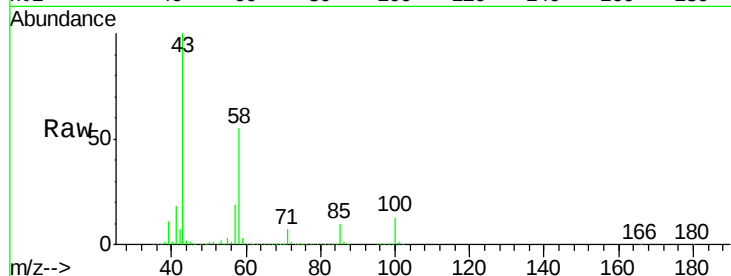




#59
2-Hexanone
Concen: 545.69 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

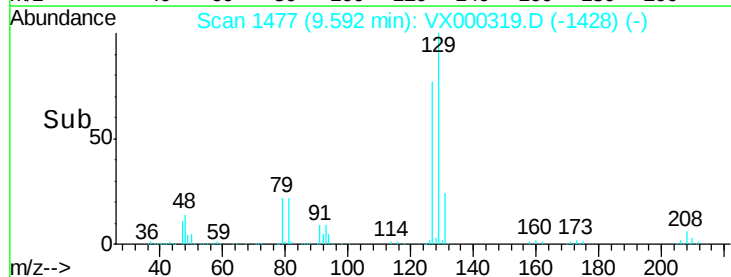
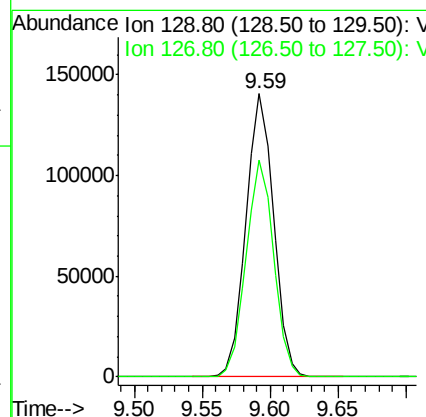
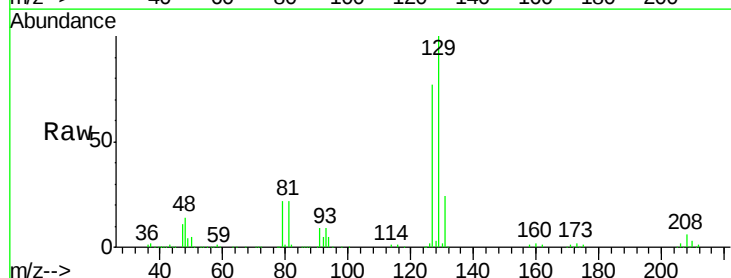
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

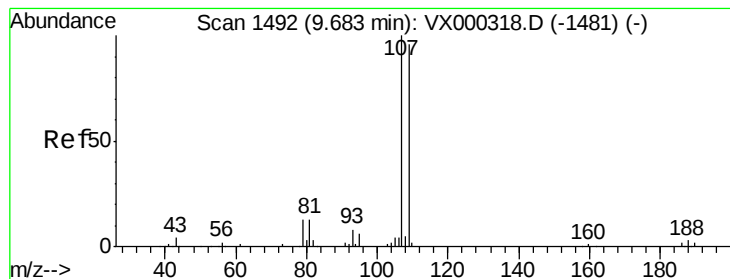
Tgt Ion: 43 Resp: 1396387
Ion Ratio Lower Upper
43 100
58 54.3 26.6 79.7



#60
Dibromochloromethane
Concen: 107.44 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Tgt Ion: 129 Resp: 200860
Ion Ratio Lower Upper
129 100
127 76.7 37.9 113.6





#61

1,2-Dibromoethane

Concen: 111.00 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

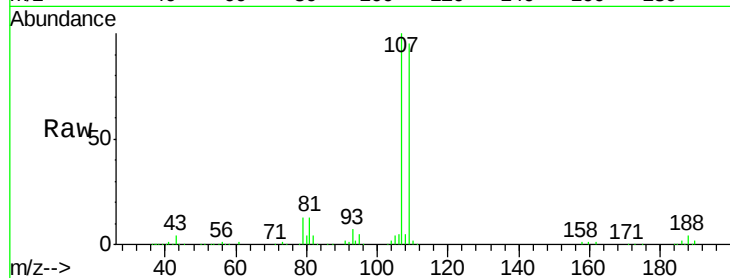
VSTDIC100

Tgt Ion: 107 Resp: 194836

Ion Ratio Lower Upper

107 100

109 94.5 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

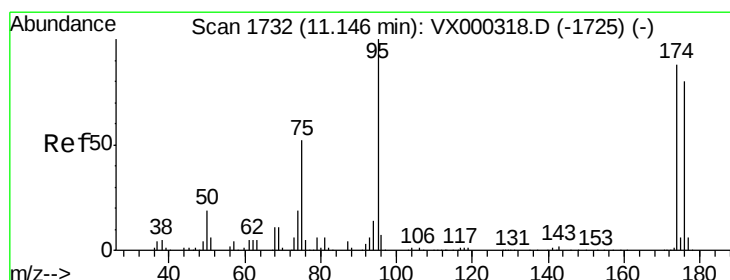
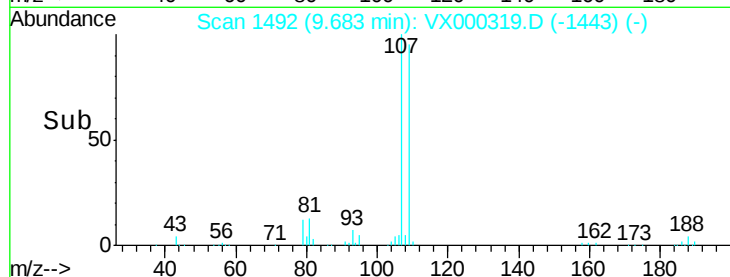
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 110.40 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

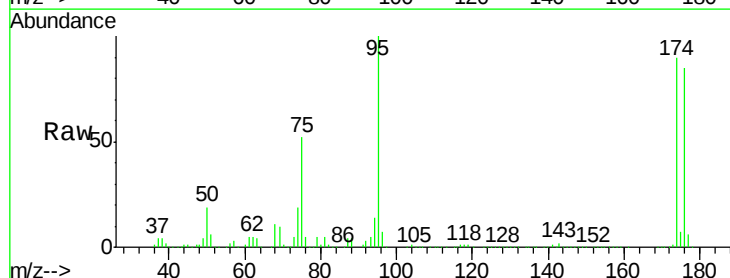
Tgt Ion: 95 Resp: 259063

Ion Ratio Lower Upper

95 100

174 90.8 0.0 173.6

176 86.0 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

250000

200000

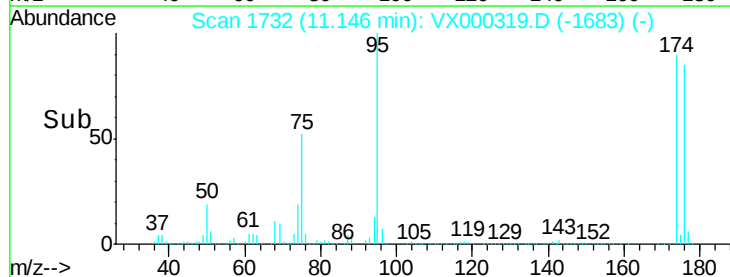
150000

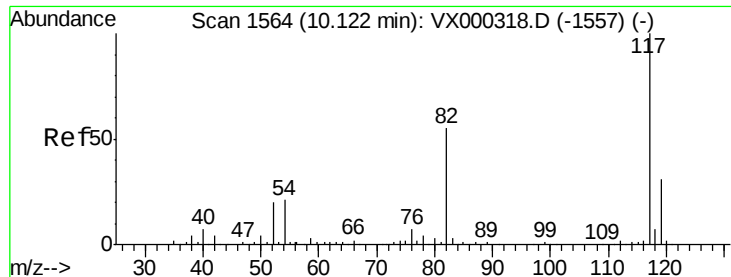
100000

50000

0

Time-->

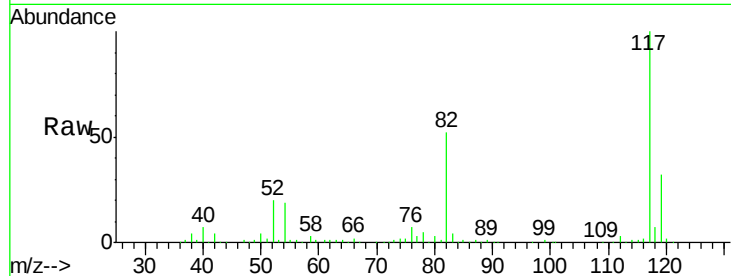




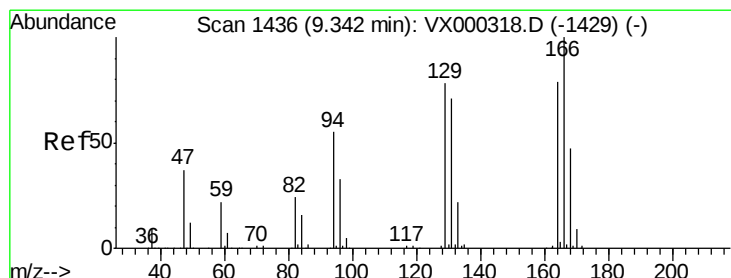
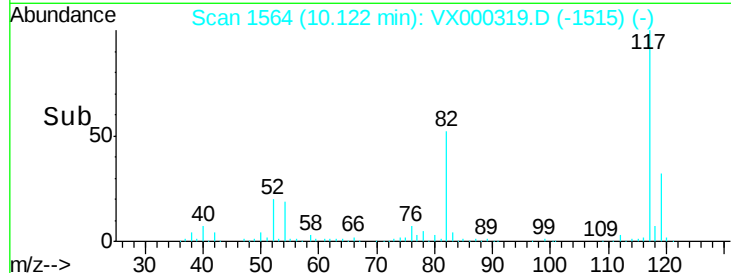
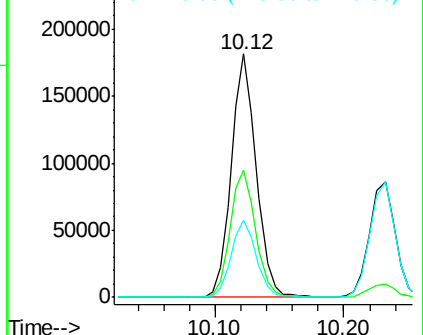
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 245546
Ion Ratio Lower Upper
117 100
82 52.0 43.8 65.8
119 31.7 24.9 37.3



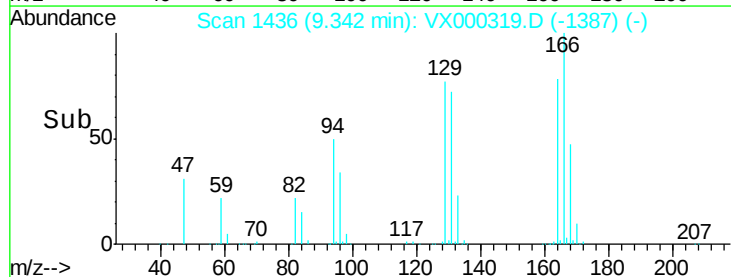
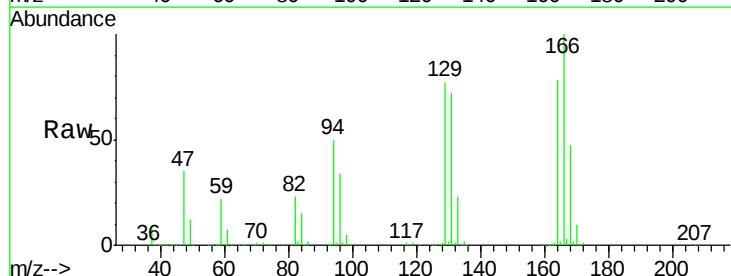
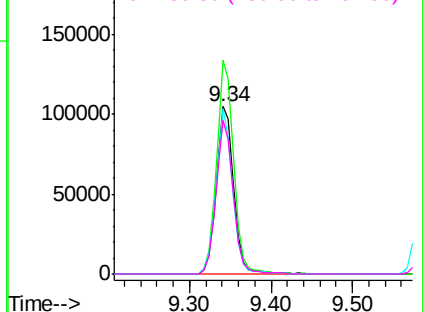
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

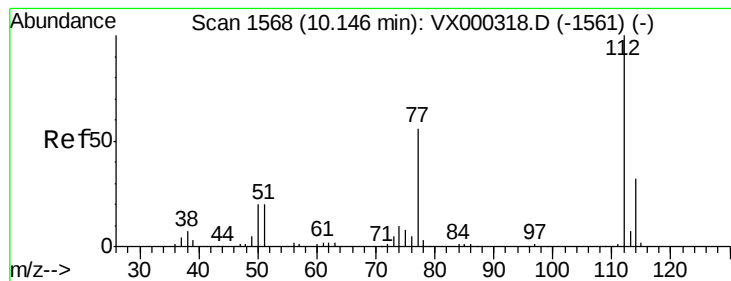


#64
Tetrachloroethene
Concen: 76.70 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Tgt Ion:164 Resp: 158639
Ion Ratio Lower Upper
164 100
166 127.4 101.0 151.6
129 98.4 79.0 118.4
131 91.8 71.9 107.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 96.30 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

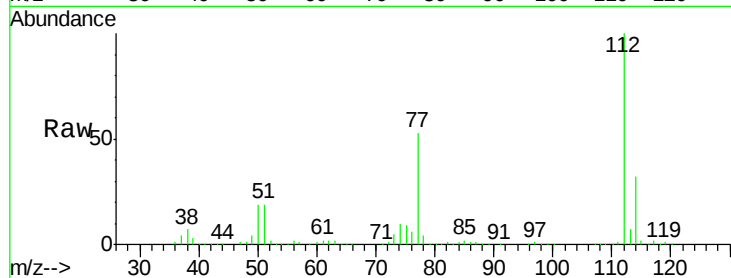
VSTDIC100

Tgt Ion:112 Resp: 497758

Ion Ratio Lower Upper

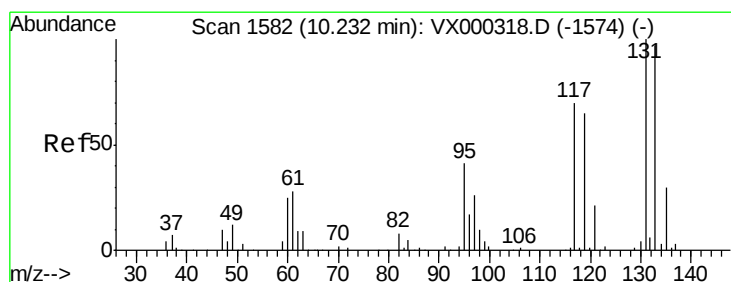
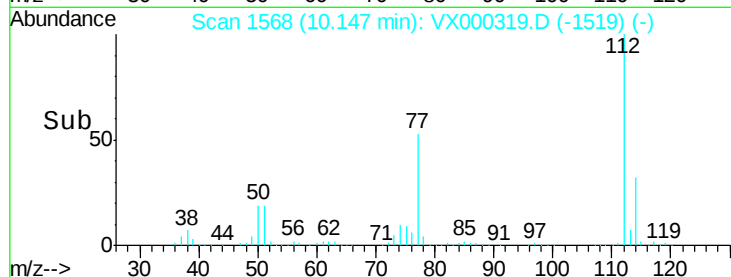
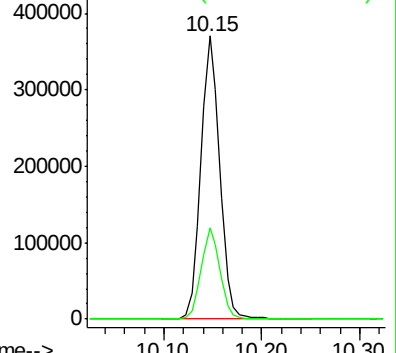
112 100

114 32.1 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: 91.98 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

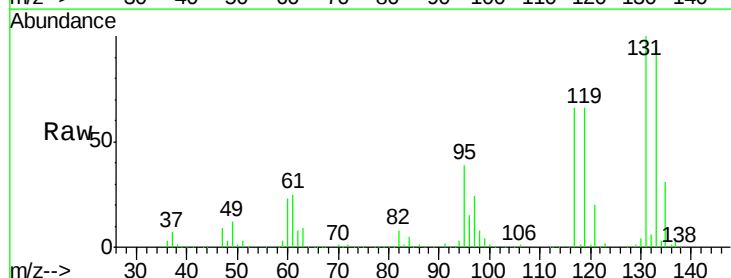
Tgt Ion:131 Resp: 174714

Ion Ratio Lower Upper

131 100

133 95.2 47.1 141.3

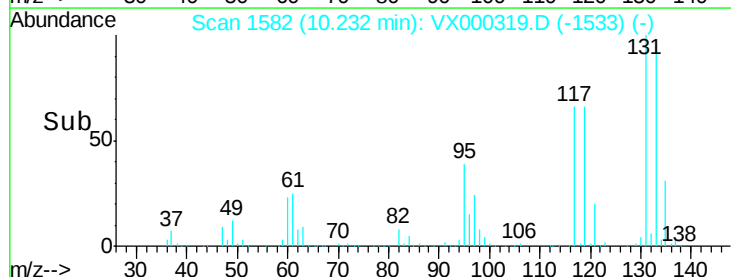
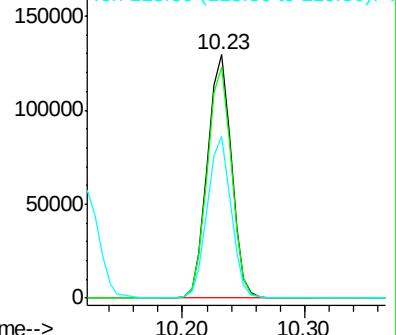
119 66.0 33.1 99.2

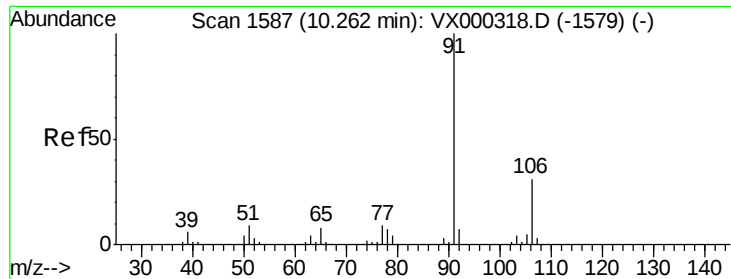


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

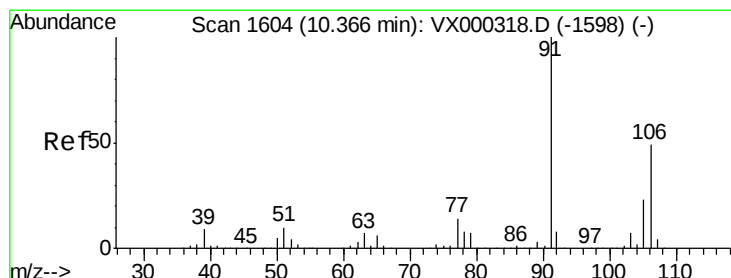
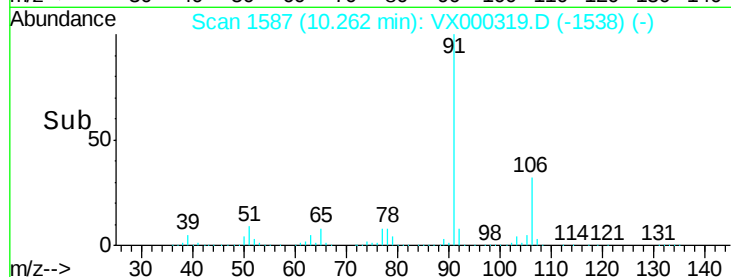
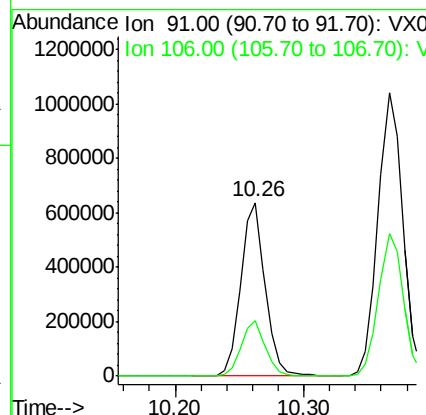
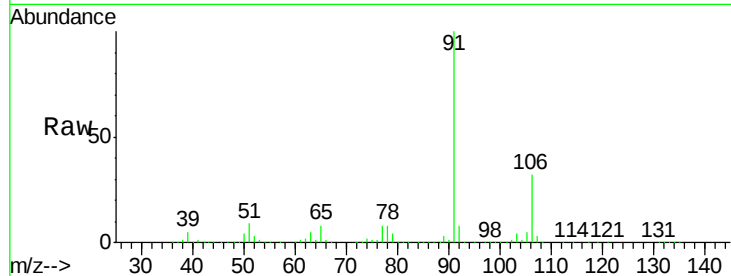




#67
Ethyl Benzene
Concen: 97.78 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

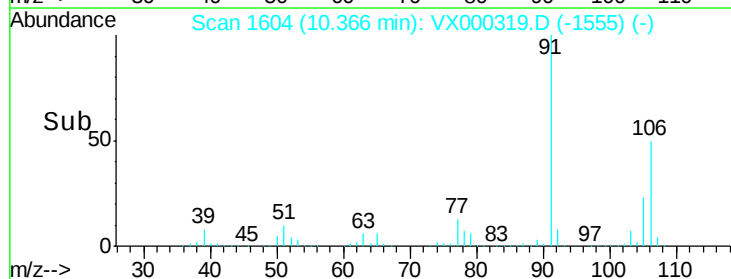
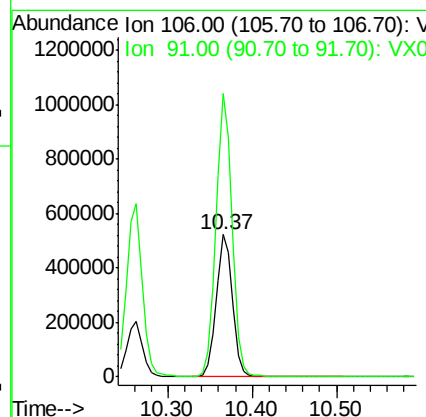
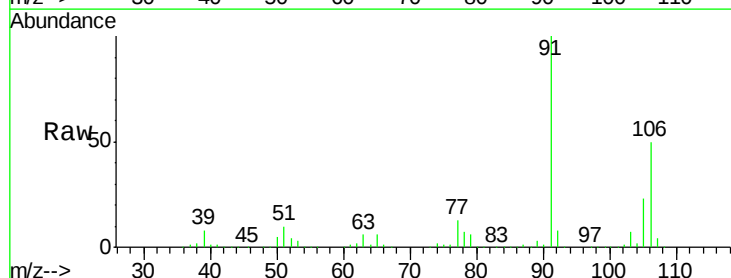
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

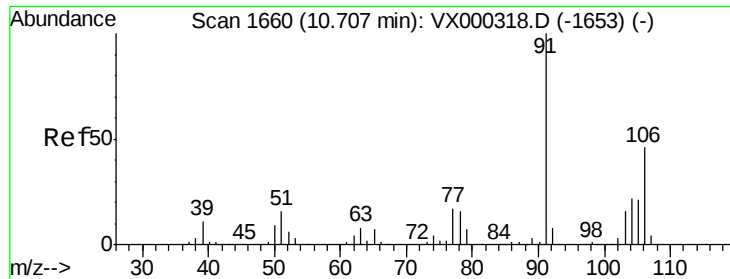
Tgt Ion: 91 Resp: 838710
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.6



#68
m/p-Xylenes
Concen: 206.11 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Tgt Ion: 106 Resp: 699034
Ion Ratio Lower Upper
106 100
91 198.4 163.4 245.2

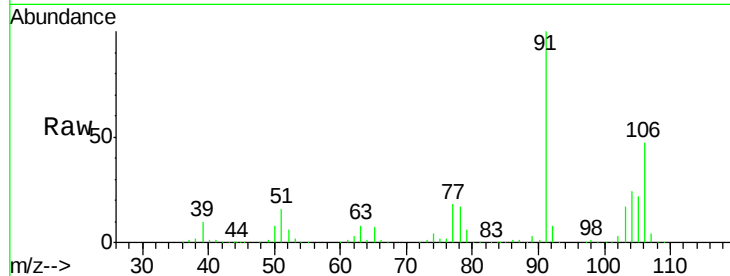




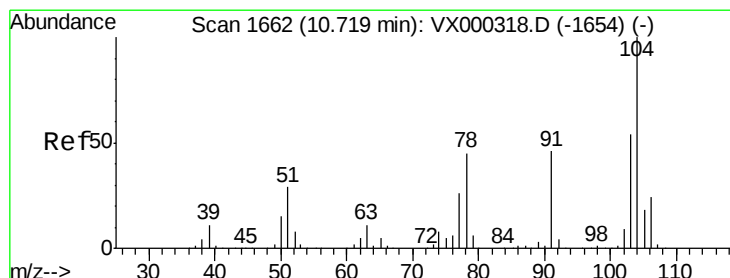
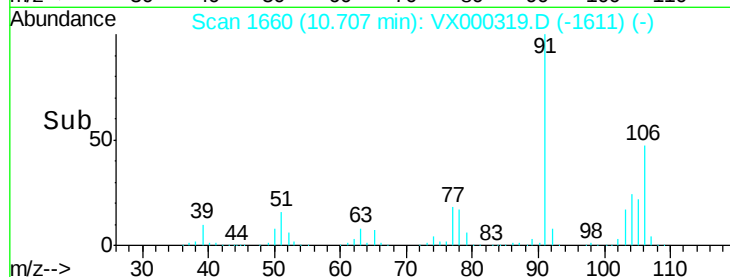
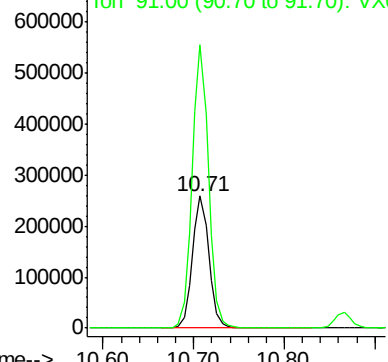
#69
o-Xylene
Concen: 100.97 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 330650
Ion Ratio Lower Upper
106 100
91 211.8 106.5 319.6

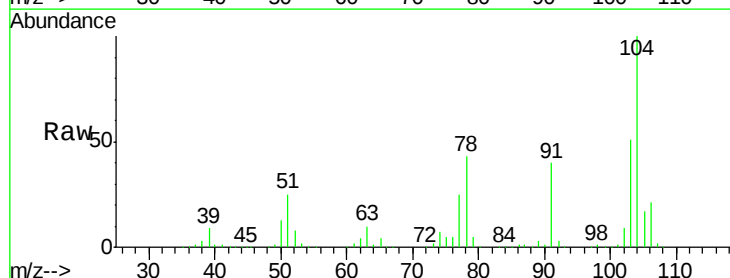


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

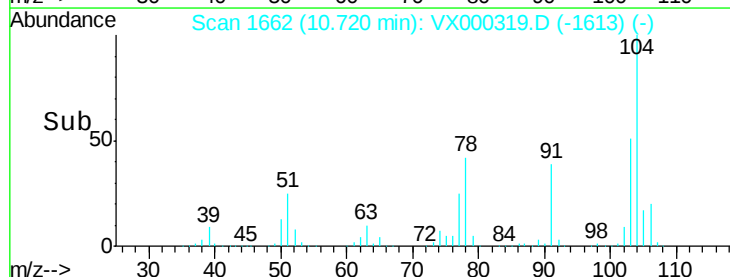
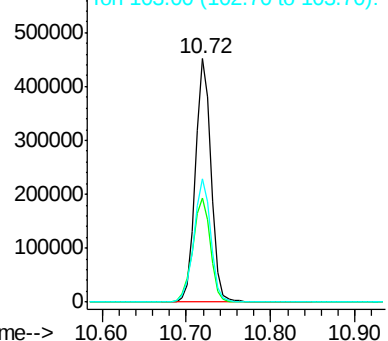


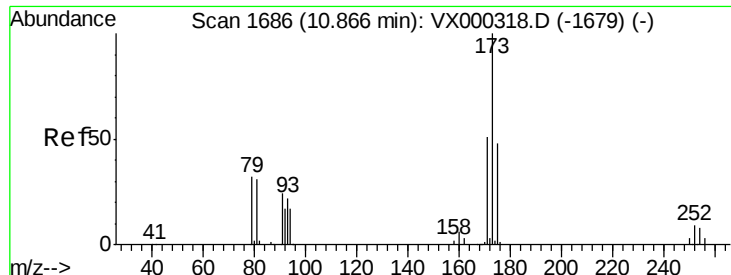
#70
Styrene
Concen: 106.26 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000319.D
Acq: 14 Mar 2018 17:41

Tgt Ion:104 Resp: 584117
Ion Ratio Lower Upper
104 100
78 48.4 40.5 60.7
103 55.1 45.7 68.5



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





#71

Bromoform

Concen: 85.47 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

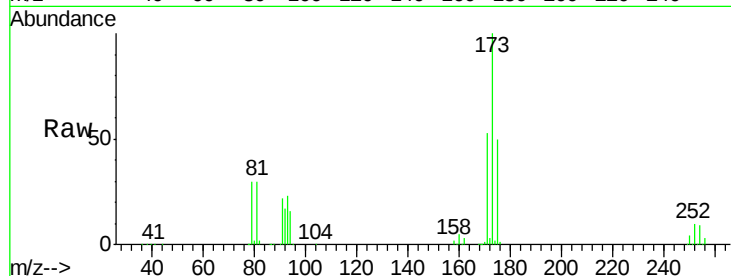
Tgt Ion:173 Resp: 171086

Ion Ratio Lower Upper

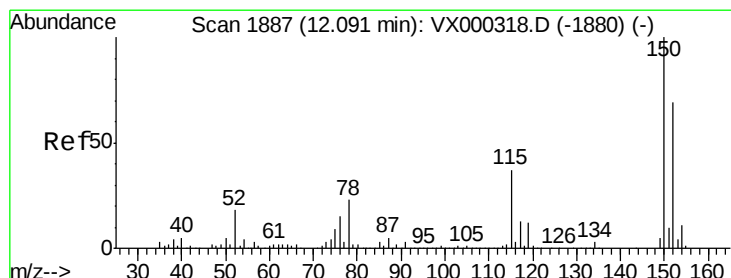
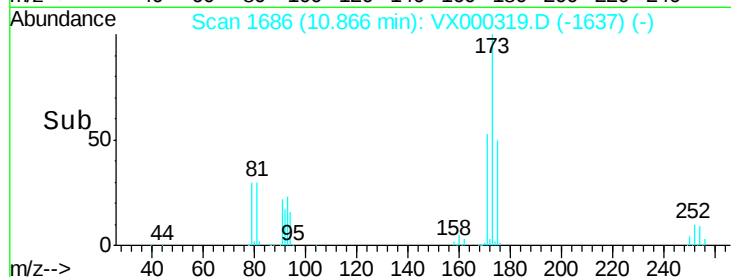
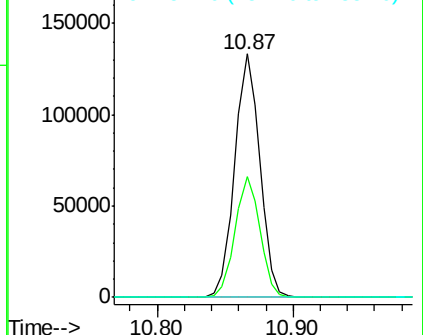
173 100

175 49.2 25.4 76.4

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

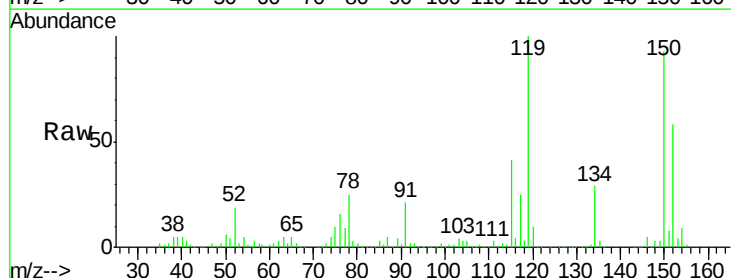
Tgt Ion:152 Resp: 157389

Ion Ratio Lower Upper

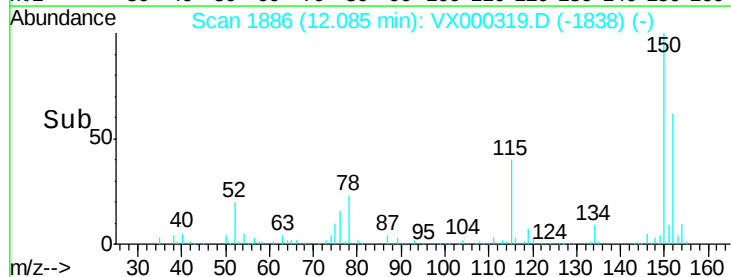
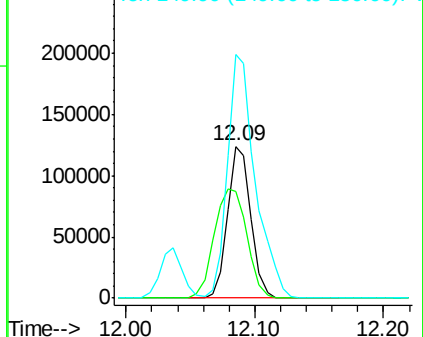
152 100

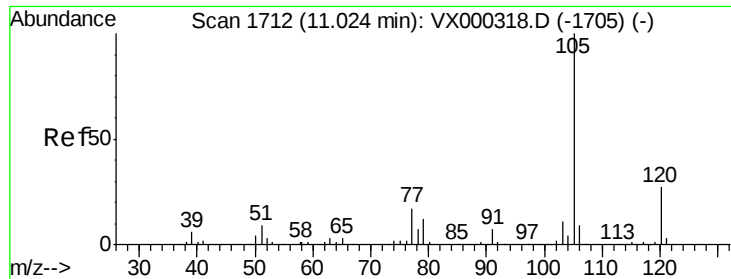
115 100.5 39.8 119.3

150 191.4 0.0 344.4



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: 96.79 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

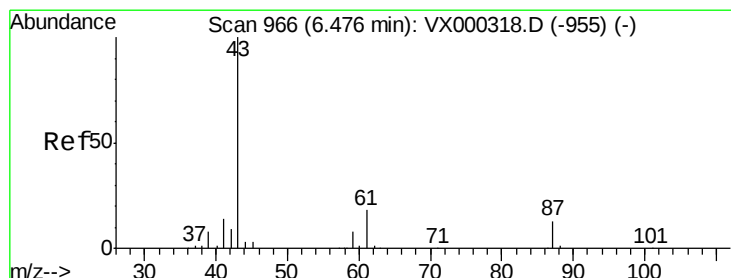
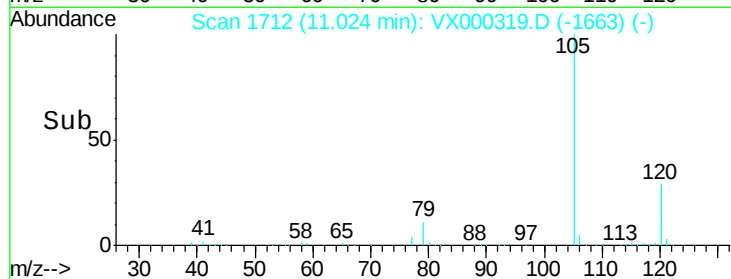
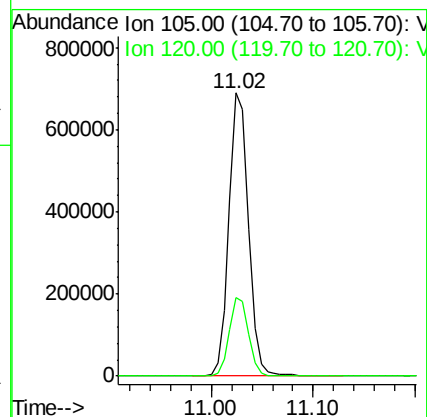
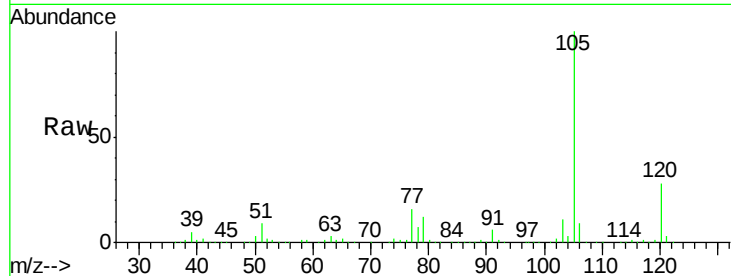
VSTDICC100

Tgt Ion:105 Resp: 916590

Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.7



#74

N-ethyl acetate

Concen: 82.87 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Tgt Ion: 43 Resp: 414439

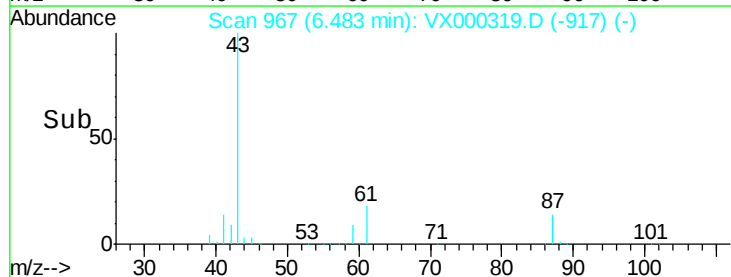
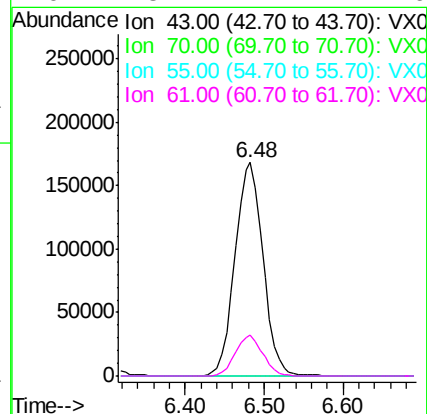
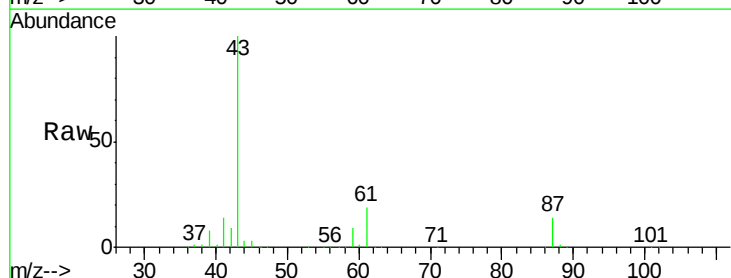
Ion Ratio Lower Upper

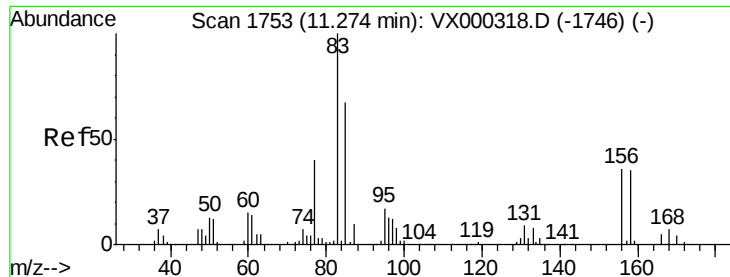
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.7 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 99.69 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

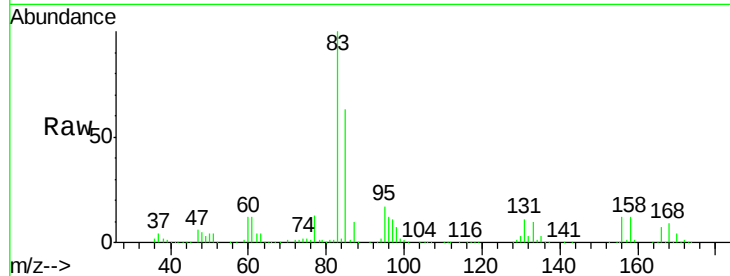
Tgt Ion: 83 Resp: 332313

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

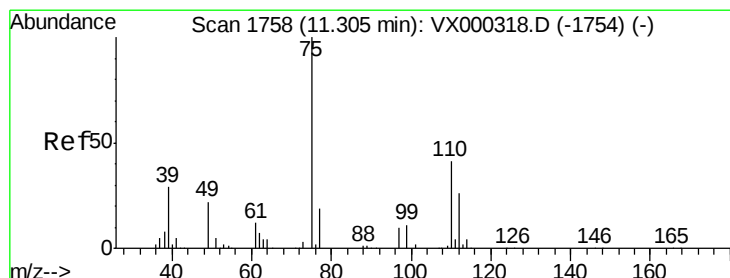
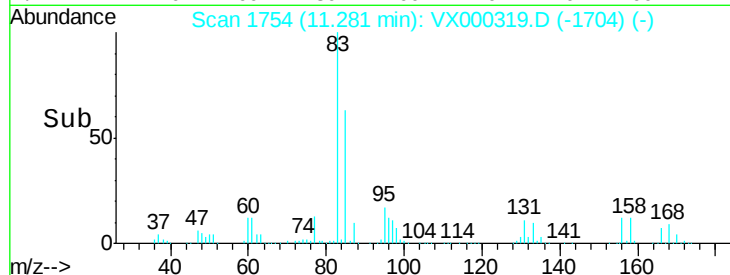
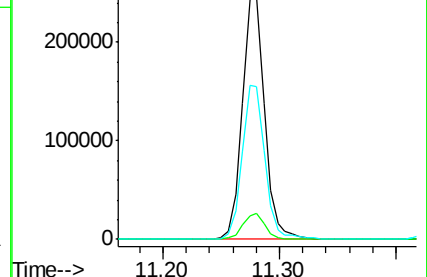
85 64.2 32.5 97.5



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: 98.53 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000319.D

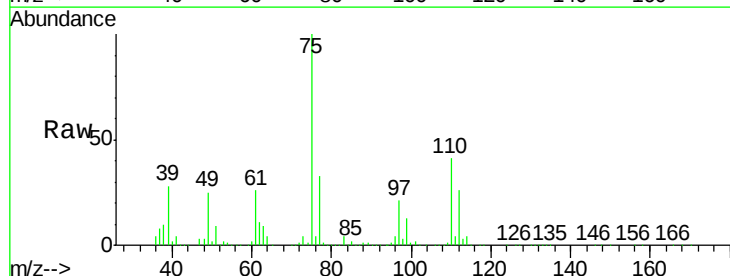
Acq: 14 Mar 2018 17:41

Tgt Ion: 75 Resp: 398709

Ion Ratio Lower Upper

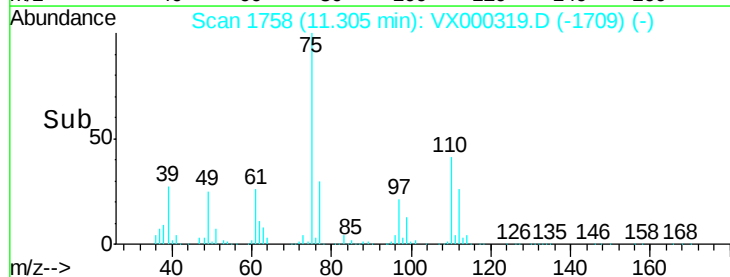
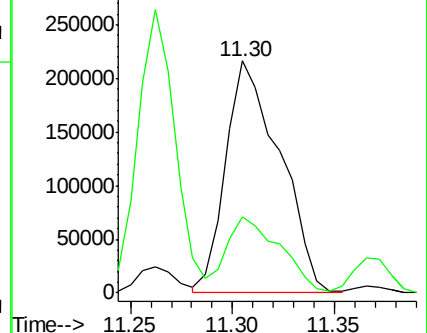
75 100

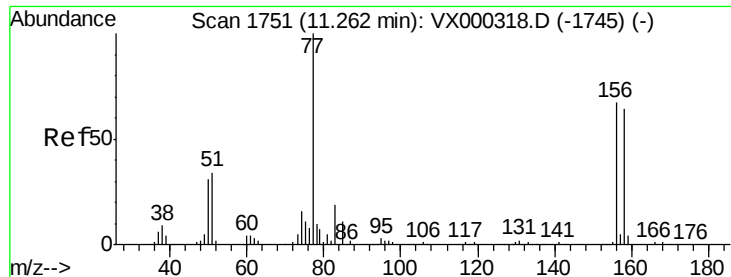
77 32.4 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 87.80 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

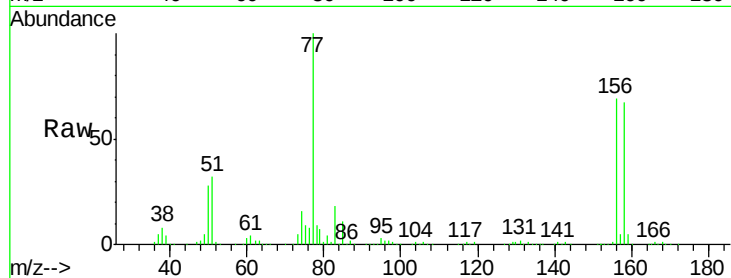
Tgt Ion:156 Resp: 236569

Ion Ratio Lower Upper

156 100

77 142.7 73.4 220.2

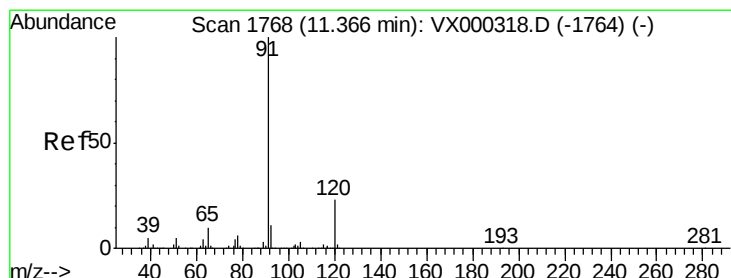
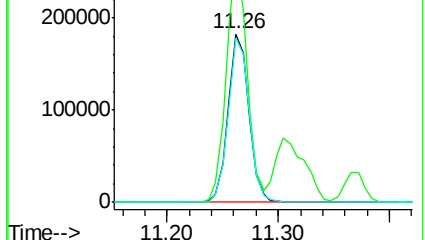
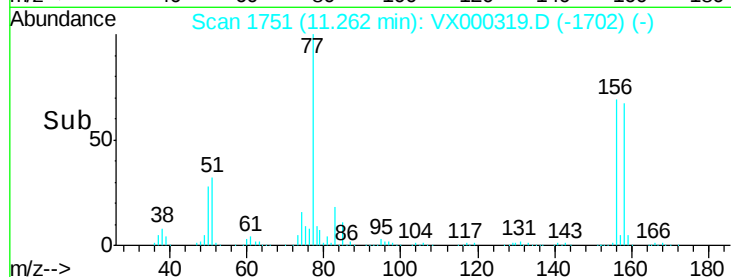
158 97.8 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 96.75 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000319.D

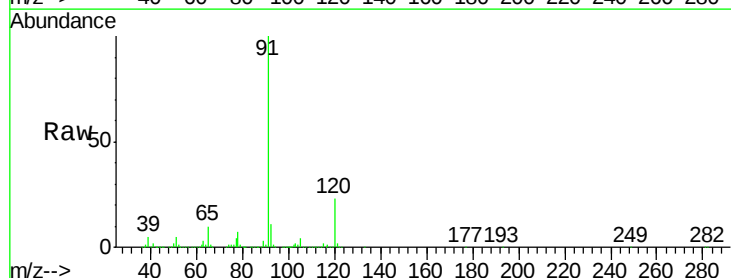
Acq: 14 Mar 2018 17:41

Tgt Ion: 91 Resp: 1078595

Ion Ratio Lower Upper

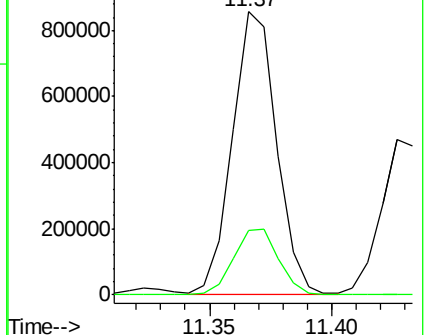
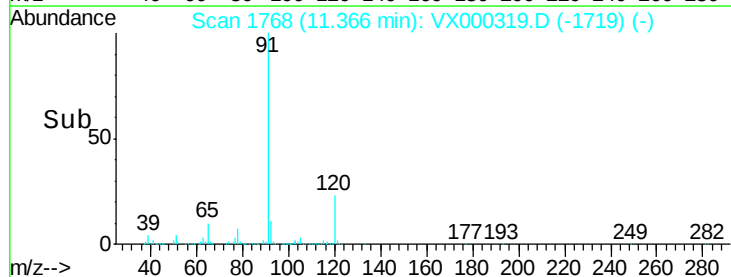
91 100

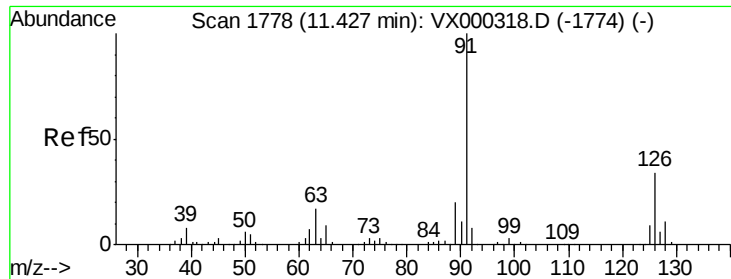
120 24.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 96.02 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

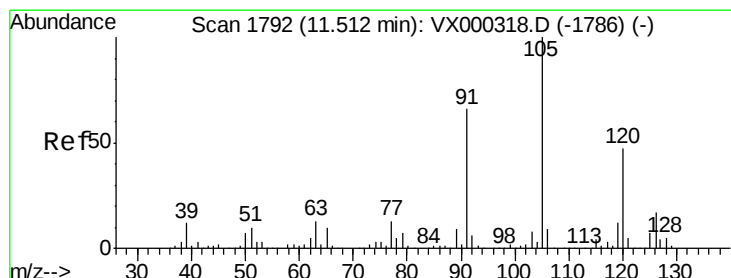
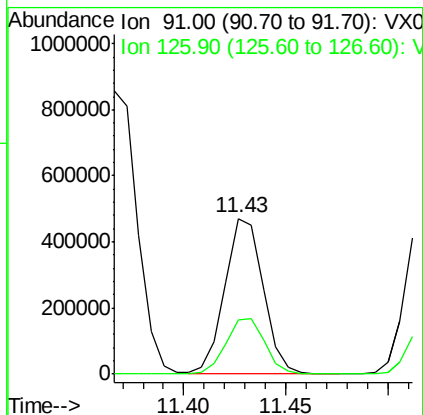
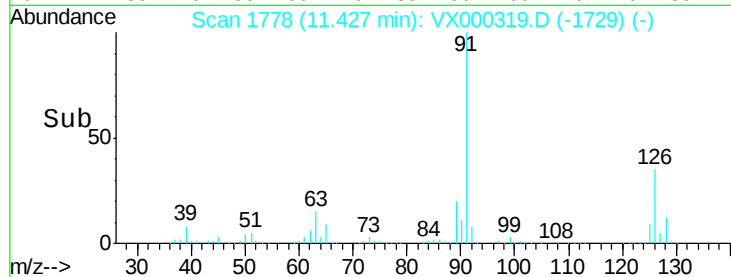
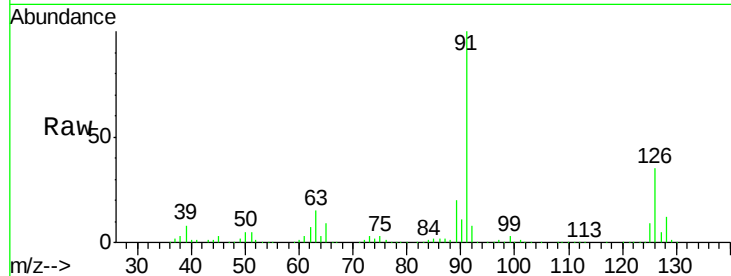
VSTDIC100

Tgt Ion: 91 Resp: 616130

Ion Ratio Lower Upper

91 100

126 36.3 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 96.95 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000319.D

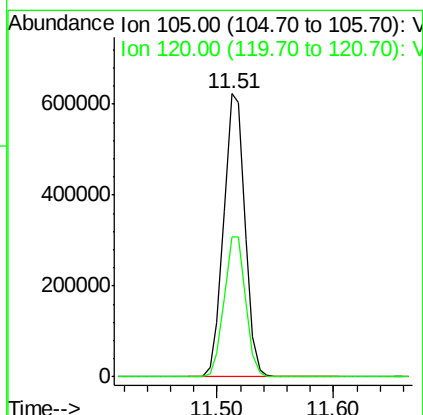
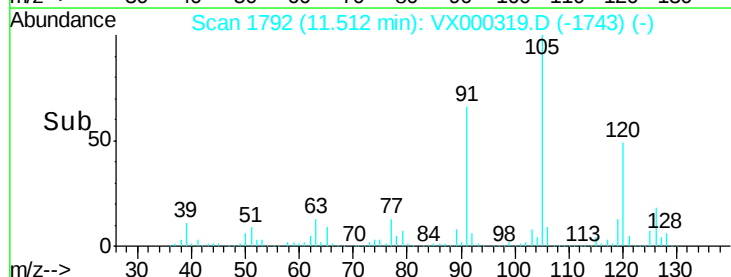
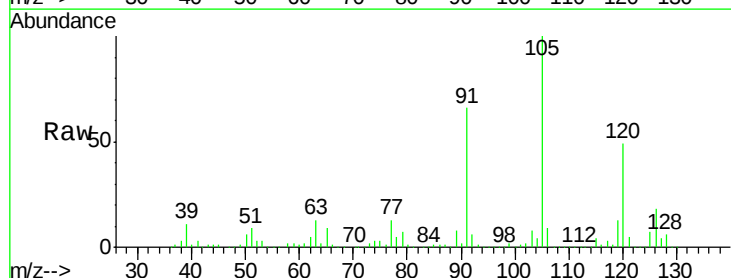
Acq: 14 Mar 2018 17:41

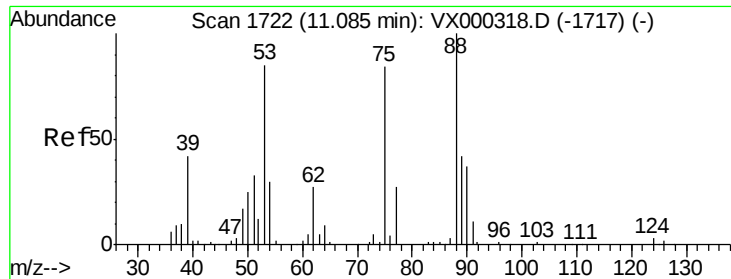
Tgt Ion: 105 Resp: 784606

Ion Ratio Lower Upper

105 100

120 50.1 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 92.87 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

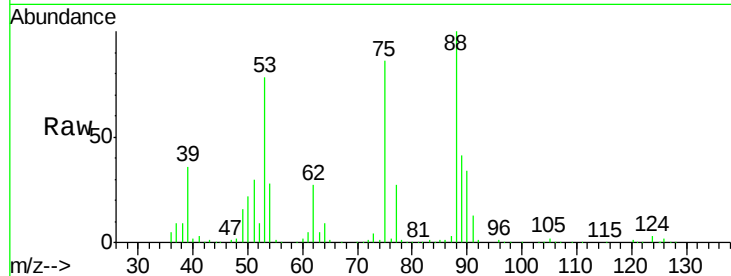
Tgt Ion: 75 Resp: 108381

Ion Ratio Lower Upper

75 100

53 93.3 80.7 121.1

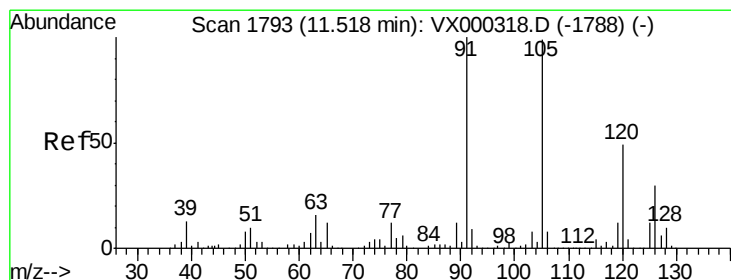
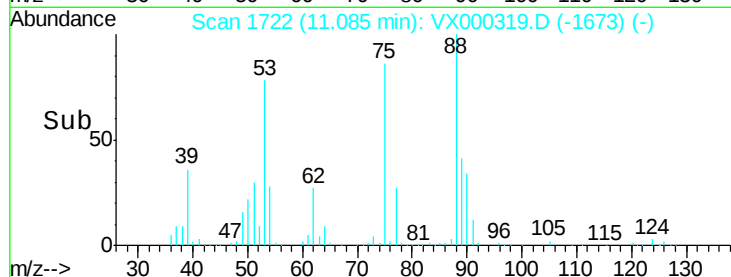
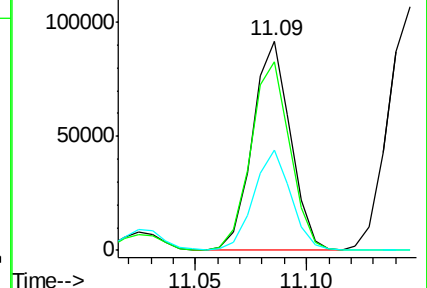
89 47.4 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 96.35 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000319.D

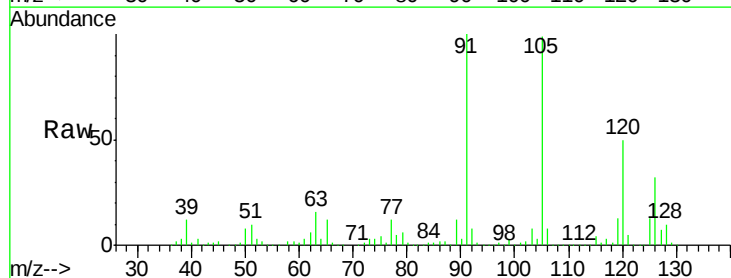
Acq: 14 Mar 2018 17:41

Tgt Ion: 91 Resp: 749897

Ion Ratio Lower Upper

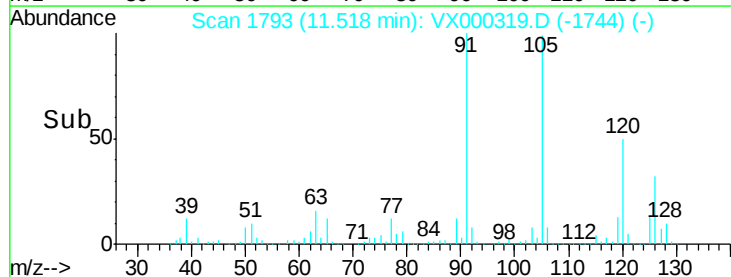
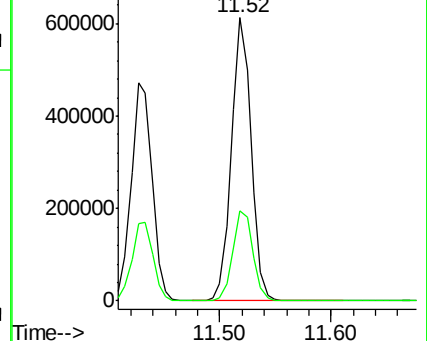
91 100

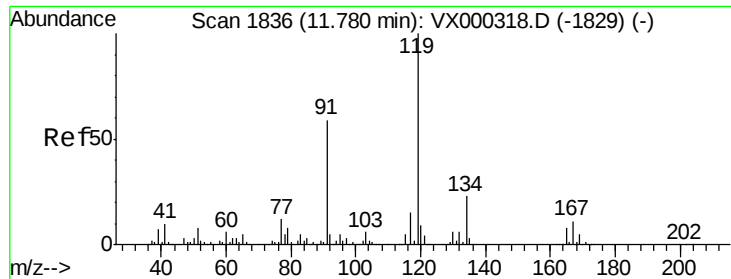
126 32.6 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

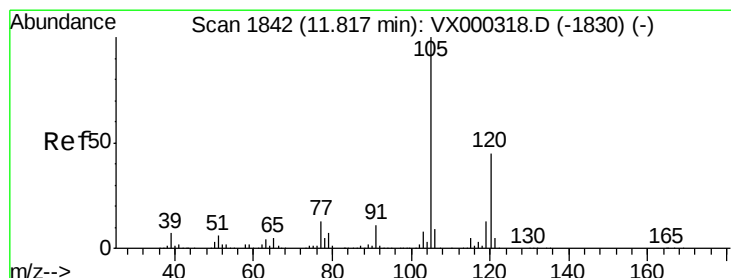
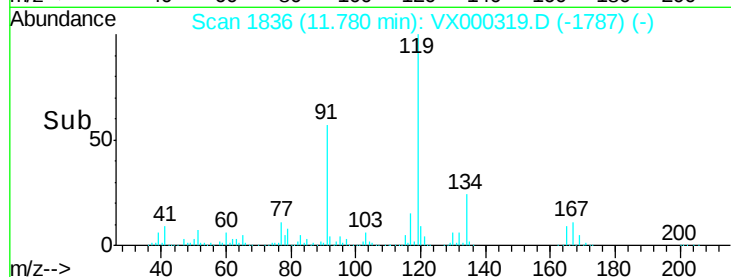
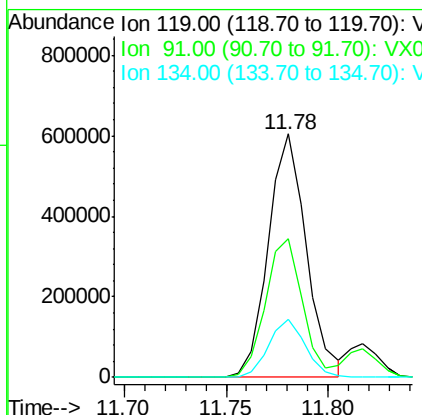
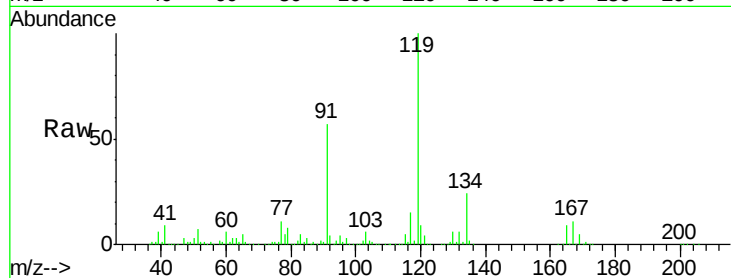




#83
 tert-Butylbenzene
 Concen: 95.30 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

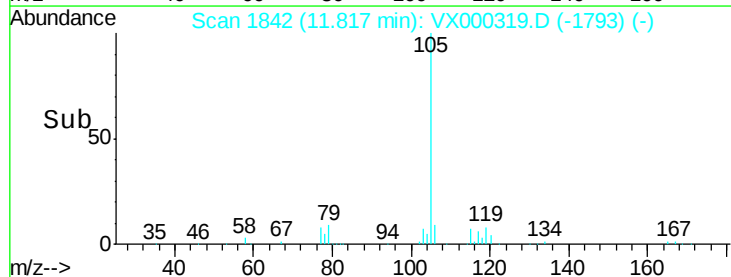
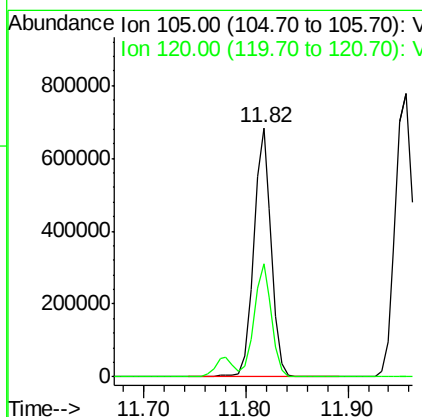
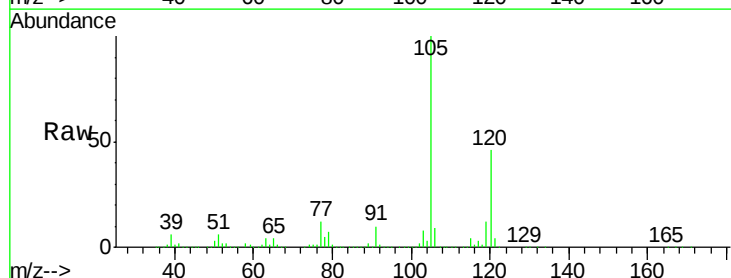
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

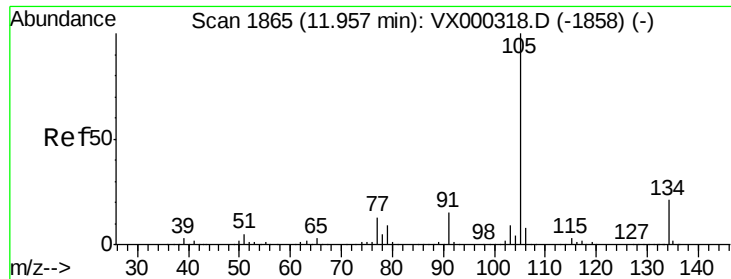
Tgt Ion:119 Resp: 787167
 Ion Ratio Lower Upper
 119 100
 91 55.2 28.8 86.4
 134 23.0 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 96.87 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

Tgt Ion:105 Resp: 815103
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.3

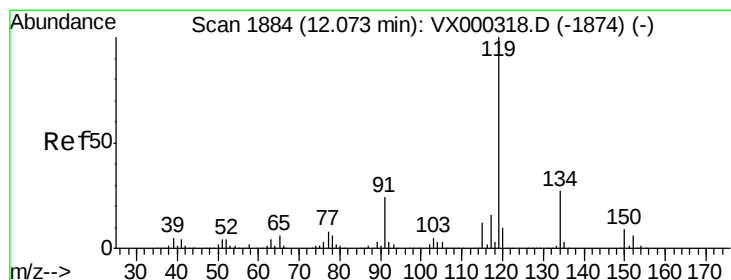
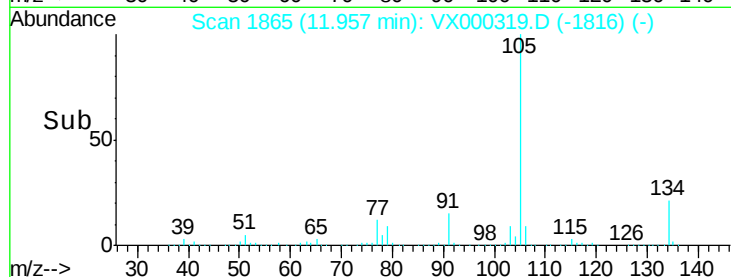
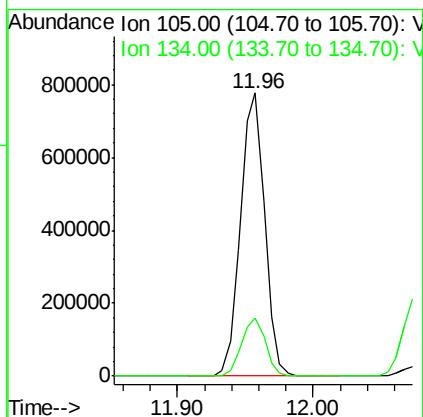
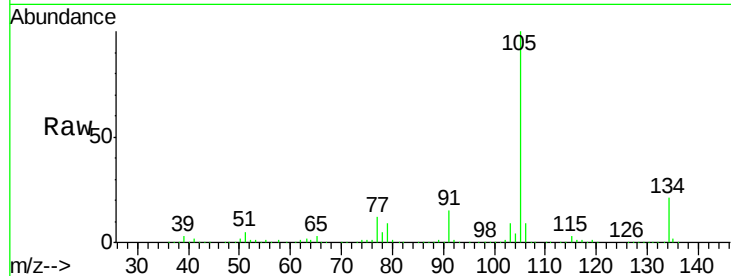




#85
 sec-Butylbenzene
 Concen: 95.91 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

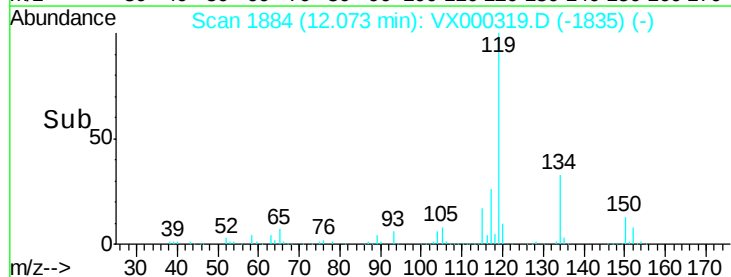
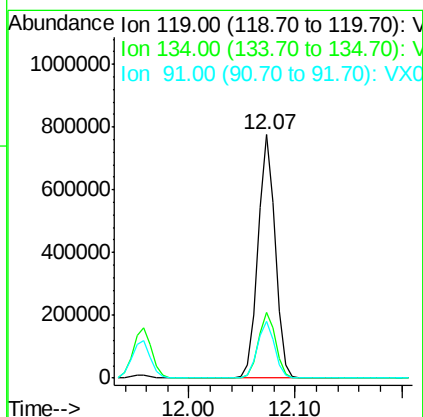
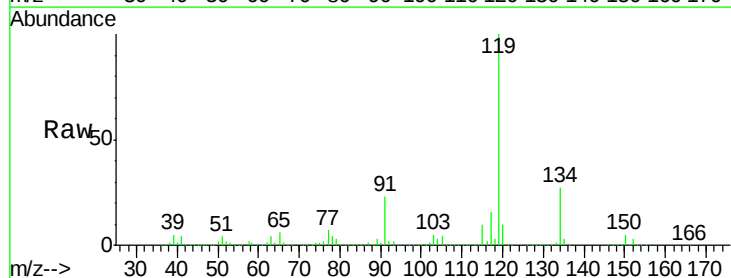
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

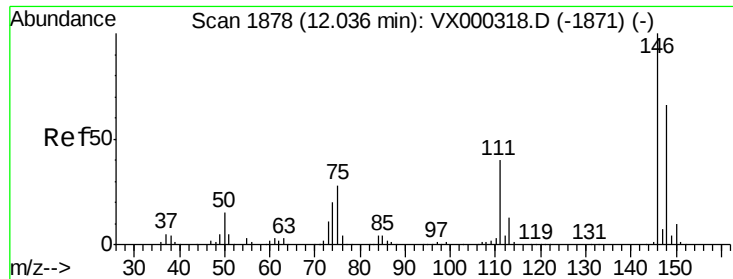
Tgt Ion:105 Resp: 958148
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 94.11 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

Tgt Ion:119 Resp: 875592
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.9
 91 23.4 12.0 36.1

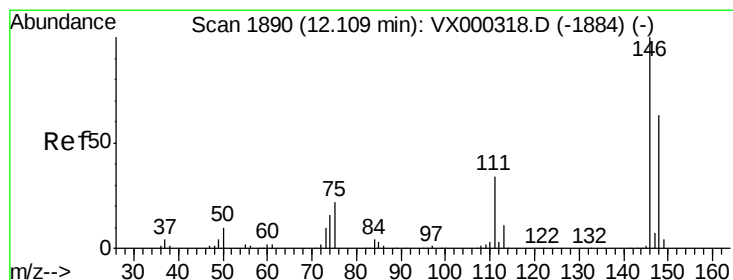
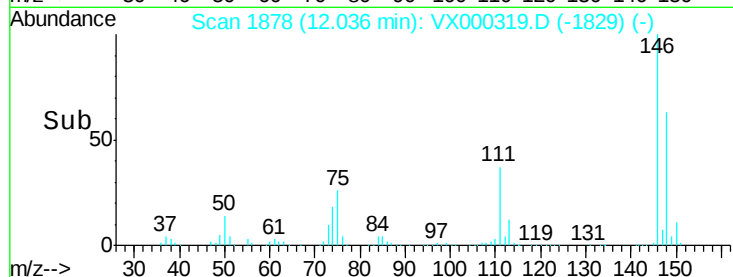
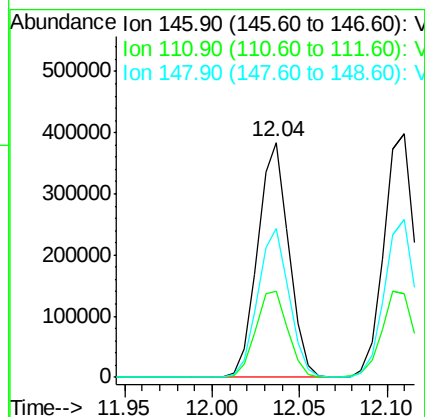
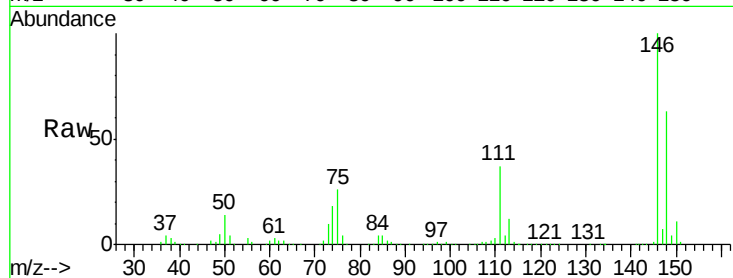




#87
 1,3-Dichlorobenzene
 Concen: 91.78 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

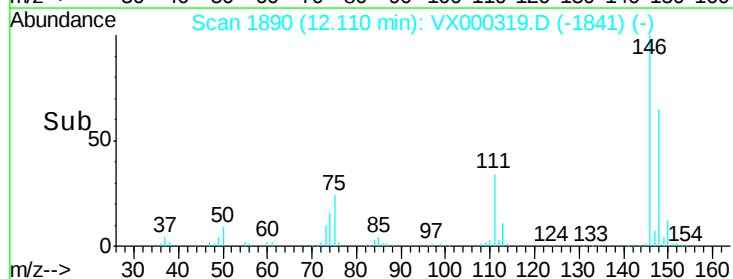
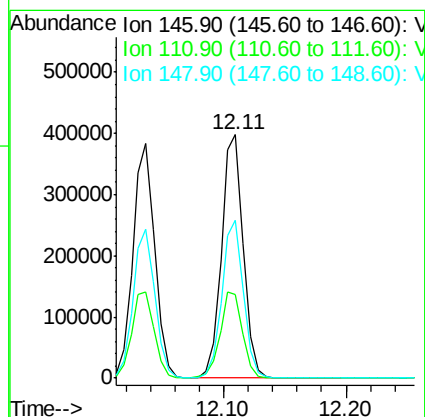
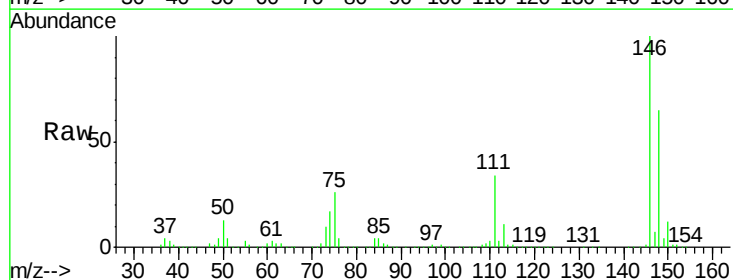
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

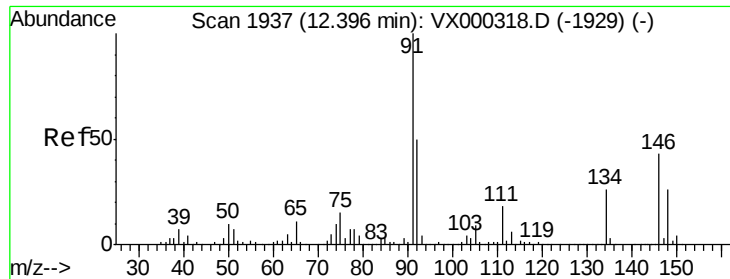
Tgt Ion:146 Resp: 475819
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.5 58.5
 148 63.3 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 90.60 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

Tgt Ion:146 Resp: 490048
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.9 56.9
 148 64.2 31.0 93.0





#89

n-Butylbenzene

Concen: 94.71 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

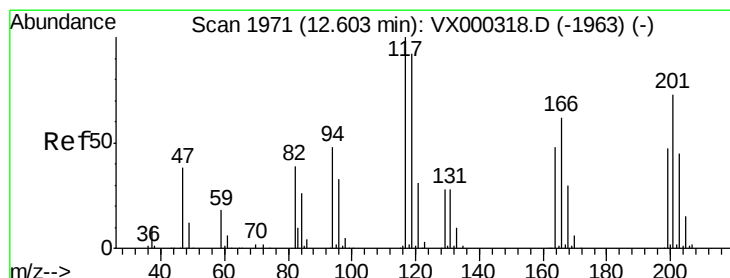
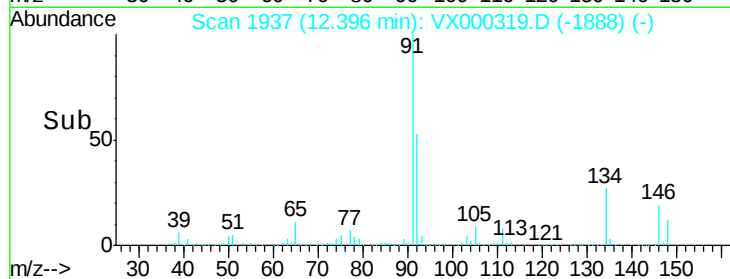
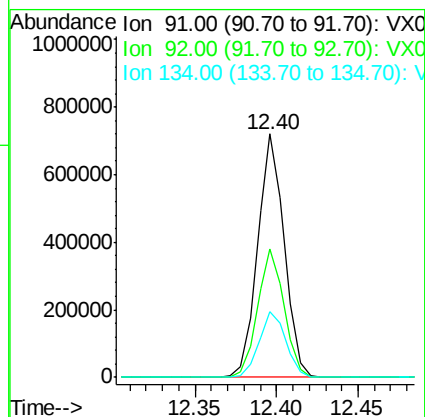
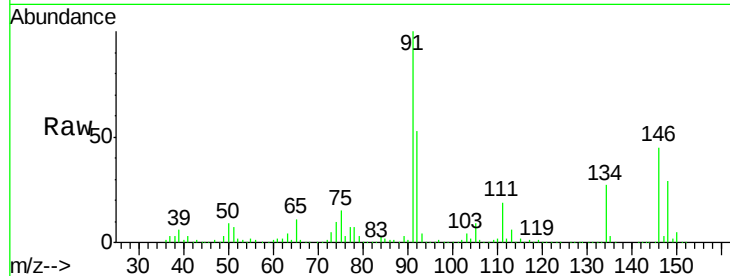
Tgt Ion: 91 Resp: 815160

Ion Ratio Lower Upper

91 100

92 52.2 25.9 77.8

134 27.3 13.1 39.3



#90

Hexachloroethane

Concen: 97.79 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000319.D

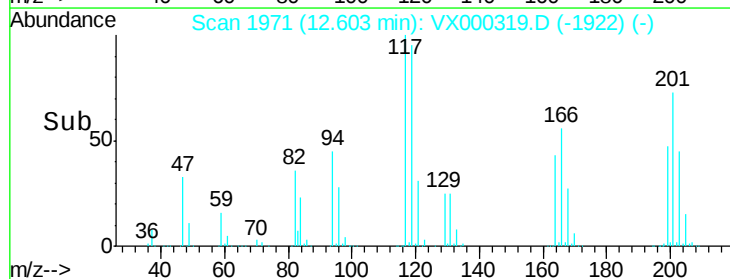
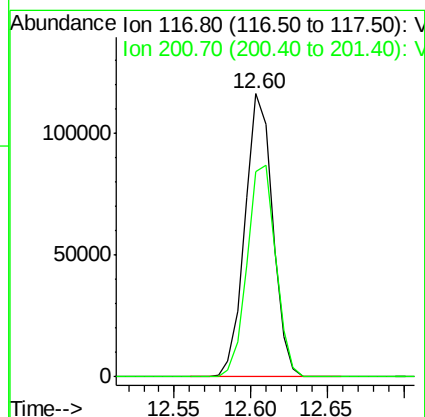
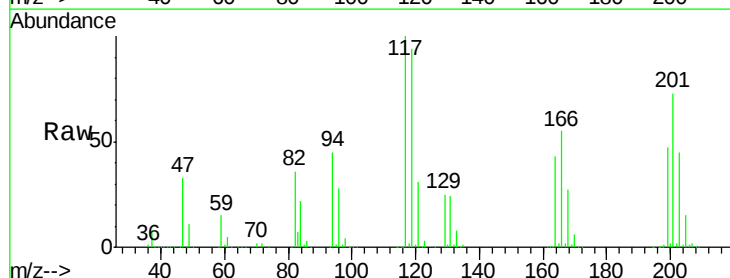
Acq: 14 Mar 2018 17:41

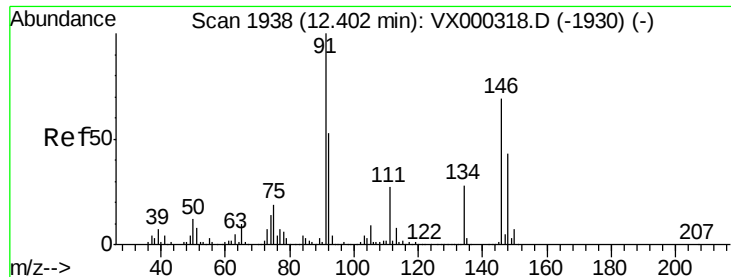
Tgt Ion: 117 Resp: 146141

Ion Ratio Lower Upper

117 100

201 77.5 37.9 113.6





#91

1,2-Dichlorobenzene

Concen: 93.73 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

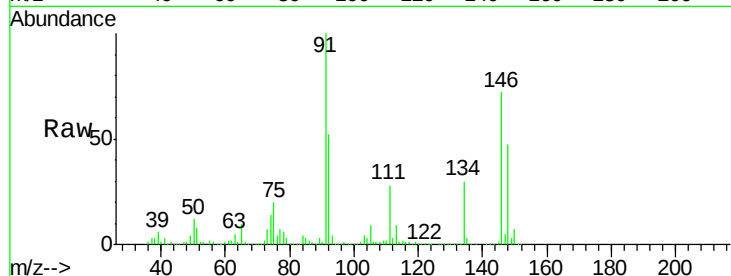
Tgt Ion:146 Resp: 470719

Ion Ratio Lower Upper

146 100

111 39.2 20.1 60.2

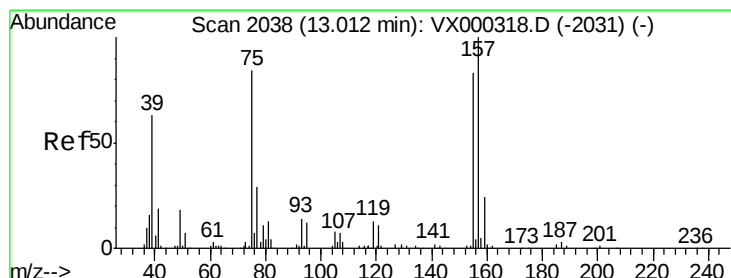
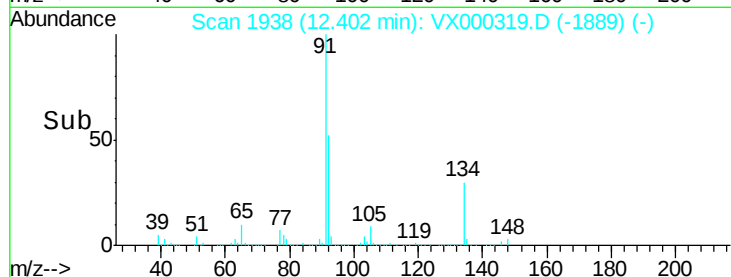
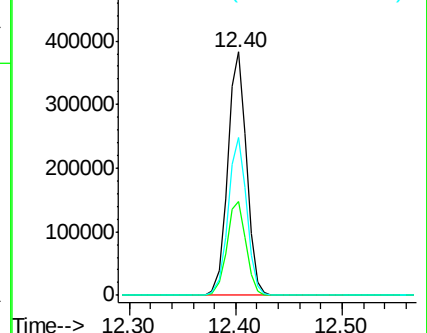
148 64.2 31.2 93.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 88.83 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

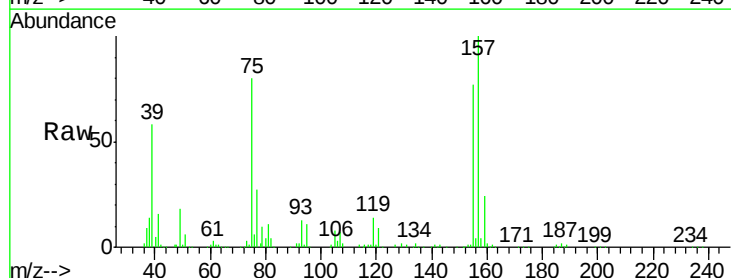
Tgt Ion: 75 Resp: 91265

Ion Ratio Lower Upper

75 100

155 91.1 45.0 134.8

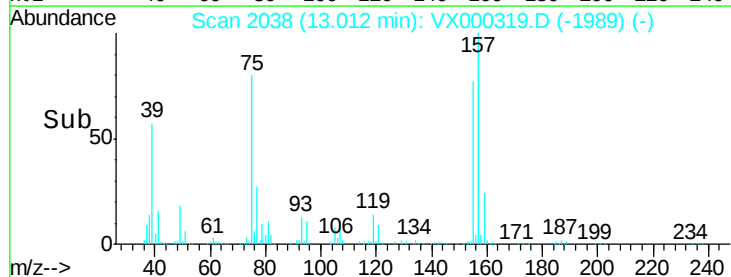
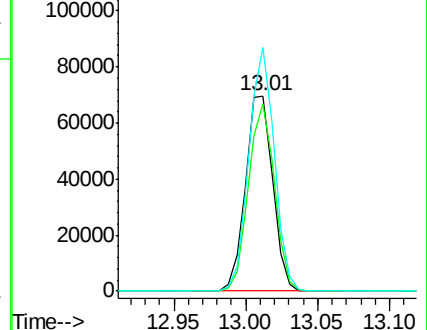
157 115.9 58.1 174.2

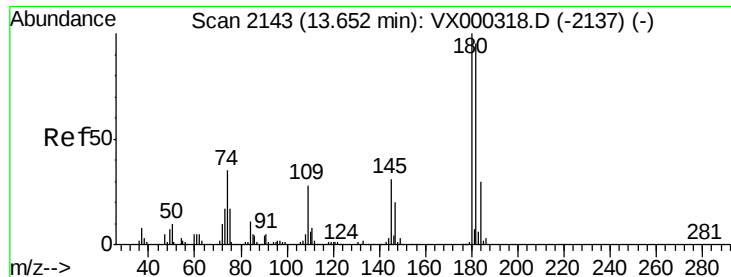


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

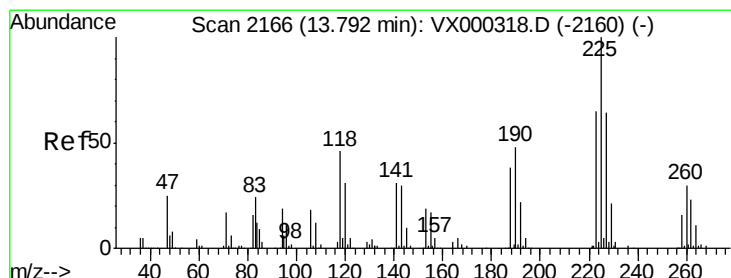
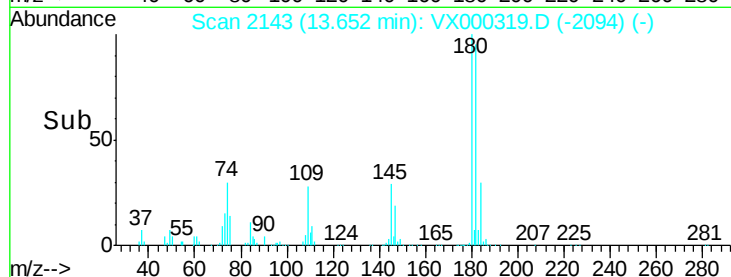
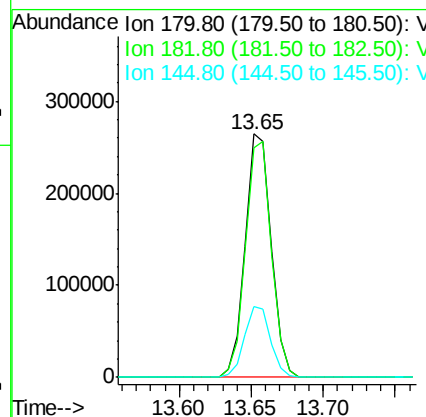
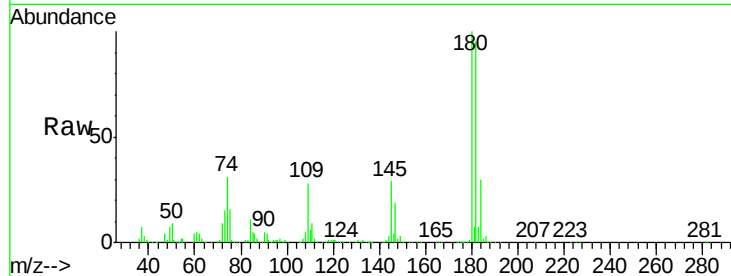




#93
 1,2,4-Trichlorobenzene
 Concen: 76.23 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

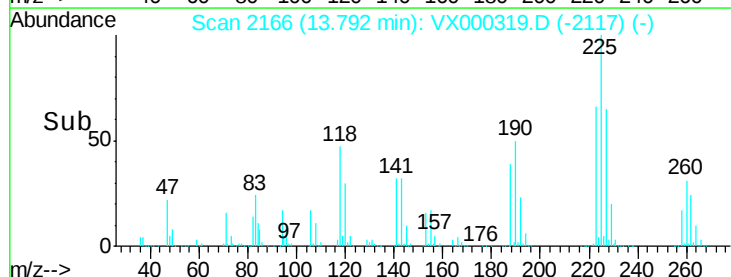
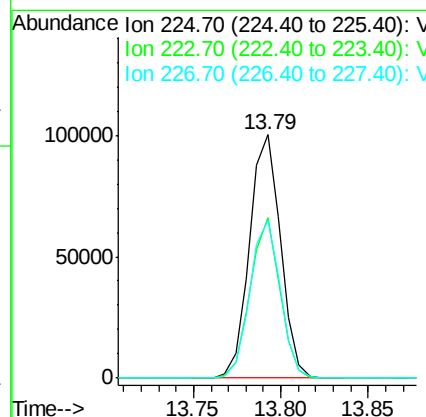
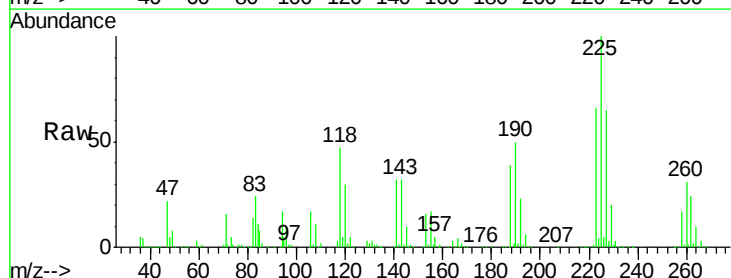
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

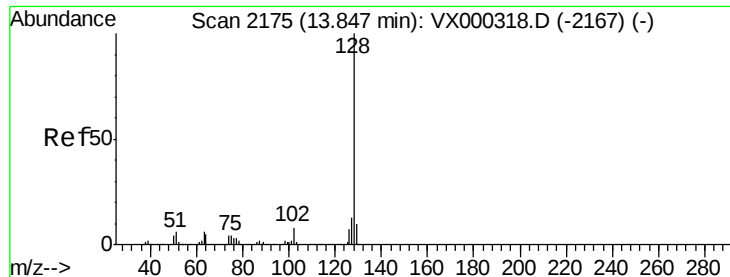
Tgt Ion:180 Resp: 330383
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.6 142.9
 145 29.1 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 53.91 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000319.D
 Acq: 14 Mar 2018 17:41

Tgt Ion:225 Resp: 123694
 Ion Ratio Lower Upper
 225 100
 223 63.2 32.0 96.0
 227 63.8 32.6 98.0





#95

Naphthalene

Concen: 93.66 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

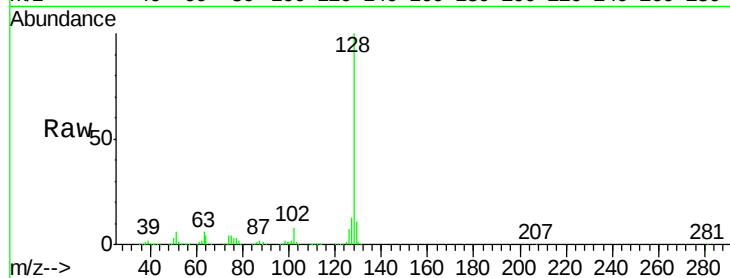
Tgt Ion:128 Resp: 1191195

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

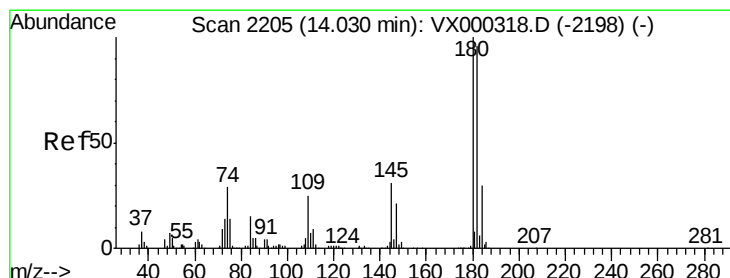
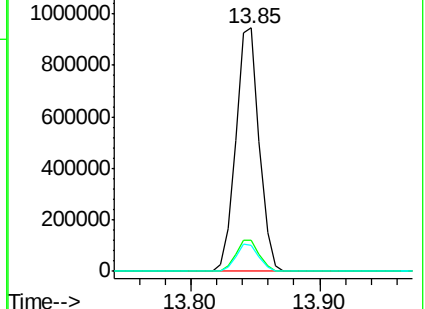
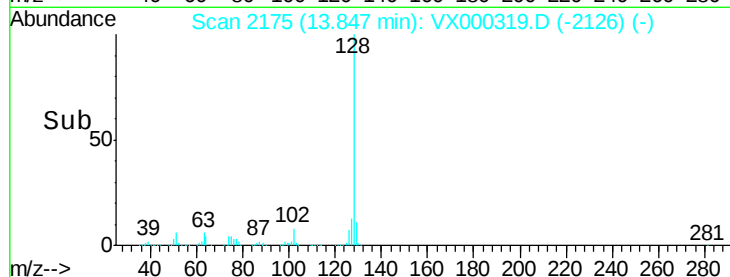
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 78.54 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000319.D

Acq: 14 Mar 2018 17:41

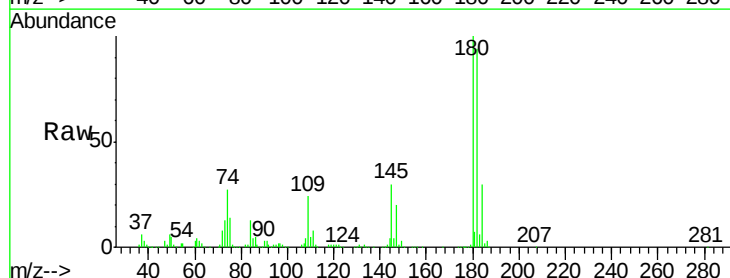
Tgt Ion:180 Resp: 330422

Ion Ratio Lower Upper

180 100

182 95.1 47.4 142.3

145 31.3 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

