

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051118\
 Data File : VX001621.D
 Acq On : 11 May 2018 00:22
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: May 11 07:01:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 06:59:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	57686	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	314664	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	286791	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	124256	29.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.17%
60) 4-Bromofluorobenzene	11.15	95	138687	29.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.80%
63) Toluene-d8	8.72	98	382627	30.80	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.67%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	316631	87.66	ug/l	99
3) Chloromethane	1.32	50	320855	92.68	ug/l	100
4) Vinyl Chloride	1.40	62	343358	94.42	ug/l	99
5) Bromomethane	1.64	94	140541	52.84	ug/l	98
6) Chloroethane	1.71	64	223243	98.09	ug/l	95
7) Trichlorofluoromethane	1.92	101	507526	85.89	ug/l	99
8) Diethyl Ether	2.19	74	207861	97.11	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	290476	86.28	ug/l	98
10) 1,1-Dichloroethene	2.37	96	286347	92.28	ug/l	99
11) Methyl Iodide	2.51	142	457812	116.58	ug/l	99
12) Methyl Acetate	2.78	43	460176	107.48	ug/l	100
13) Acrolein	2.30	56	239608	482.40	ug/l	99
14) Acrylonitrile	3.16	53	922353	540.85	ug/l	100
15) Acetone	2.45	58	245344	478.56	ug/l	99
16) Carbon Disulfide	2.56	76	766219	94.35	ug/l	99
17) Allyl chloride	2.73	41	541040	97.38	ug/l	96
18) Methylene Chloride	2.85	84	318977	93.46	ug/l	97
19) trans-1,2-Dichloroethene	3.16	96	308274	92.30	ug/l	99
20) Diisopropyl ether	3.88	45	1028799	95.00	ug/l	99
21) 1,1-Dichloroethane	3.70	63	561652	95.92	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	350157	94.19	ug/l	97
23) tert-Butyl Alcohol	3.10	59	404979	569.91	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	995257	92.81	ug/l	99
25) Chloroform	5.22	83	587192	92.45	ug/l	97
26) Cyclohexane	5.57	56	486218	94.14	ug/l	# 99
29) 1,1-Dichloropropene	5.81	75	436495	94.87	ug/l	100
30) 2-Butanone	4.72	43	1275867	517.29	ug/l	100
31) 2,2-Dichloropropane	4.59	77	354567	73.86	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	531105	94.72	ug/l	99
33) Carbon Tetrachloride	5.79	117	485154	95.92	ug/l	98
34) Benzene	6.15	78	1297125	94.35	ug/l	99
35) Methacrylonitrile	5.07	41	279107	102.30	ug/l	96
36) 1,2-Dichloroethane	6.21	62	485270	91.02	ug/l	100
37) Trichloroethene	7.22	130	390418	93.88	ug/l	100
38) Methylcyclohexane	7.46	83	506641	95.19	ug/l	97
39) 1,2-Dichloropropane	7.52	63	319364	91.65	ug/l	99
40) Dibromomethane	7.67	93	226144	91.89	ug/l	99

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 06:59:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	450914	97.06	ug/l	99
42) Vinyl Acetate	3.83	43	4419062	473.48	ug/l	99
43) Ethyl Acetate	4.87	43	496726	104.20	ug/l	99
44) Isopropyl Acetate	6.48	43	790219	100.10	ug/l	99
45) 1,4-Dioxane	7.77	88	184310	2400.26	ug/l	97
46) Methyl methacrylate	7.79	41	425812	102.71	ug/l	97
47) n-amyl Acetate	10.91	43	716704	96.25	ug/l	97
48) t-1,3-Dichloropropene	8.45	75	519007	95.93	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	465882	91.33	ug/l	97
50) 1,1,2-Trichloroethane	9.22	97	333996	91.30	ug/l	98
51) Ethyl methacrylate	9.19	69	521358	100.16	ug/l	98
52) 1,3-Dichloropropane	9.38	76	553092	93.29	ug/l	98
53) Dibromochloromethane	9.59	129	377101	94.26	ug/l	99
54) 1,2-Dibromoethane	9.68	107	357018	90.88	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	1320900	509.39	ug/l	100
56) Bromoform	10.87	173	327118	99.72	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	2628826	535.21	ug/l	97
59) 2-Hexanone	9.51	43	1967084	517.44	ug/l	99
61) Tetrachloroethene	9.34	164	444454	101.54	ug/l	98
62) Toluene	8.79	91	1453026	94.96	ug/l	100
64) Chlorobenzene	10.15	112	953380	92.54	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	361649	96.09	ug/l	100
66) Ethyl Benzene	10.26	91	1585010	93.95	ug/l	98
67) m/p-Xylenes	10.37	106	1267292	187.98	ug/l	98
68) o-Xylene	10.71	106	620517	95.36	ug/l	99
69) Styrene	10.72	104	1040033	96.01	ug/l	99
70) Isopropylbenzene	11.02	105	1644114	93.48	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	499354	94.64	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	599784	126.06	ug/l	91
73) Bromobenzene	11.26	156	471529	91.78	ug/l	99
74) n-propylbenzene	11.37	91	1860730	93.90	ug/l	99
75) 2-Chlorotoluene	11.43	91	1100665	91.35	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	1384543	92.41	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	146748	104.69	ug/l	87
78) 4-Chlorotoluene	11.52	91	1276649	89.74	ug/l	100
79) tert-butylbenzene	12.07	119	1543787	96.42	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	1408420	92.58	ug/l	99
81) sec-Butylbenzene	11.95	105	1675971	96.46	ug/l	100
82) p-Isopropyltoluene	12.07	119	1543787	96.42	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	850062	91.37	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	861950	91.26	ug/l	99
85) n-Butylbenzene	12.40	91	1305240	95.54	ug/l	99
86) Hexachloroethane	12.60	117	255571	103.72	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	863818	92.78	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	123188	109.45	ug/l	93
89) 1,2,4-Trichlorobenzene	13.65	180	668471	96.24	ug/l	99
90) Hexachlorobutadiene	13.79	225	346730	104.03	ug/l	98
91) Naphthalene	13.84	128	1913052	103.45	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	676755	97.21	ug/l	100

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VSTDICC100

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 11 06:59:10 2018
Response via : Initial Calibration

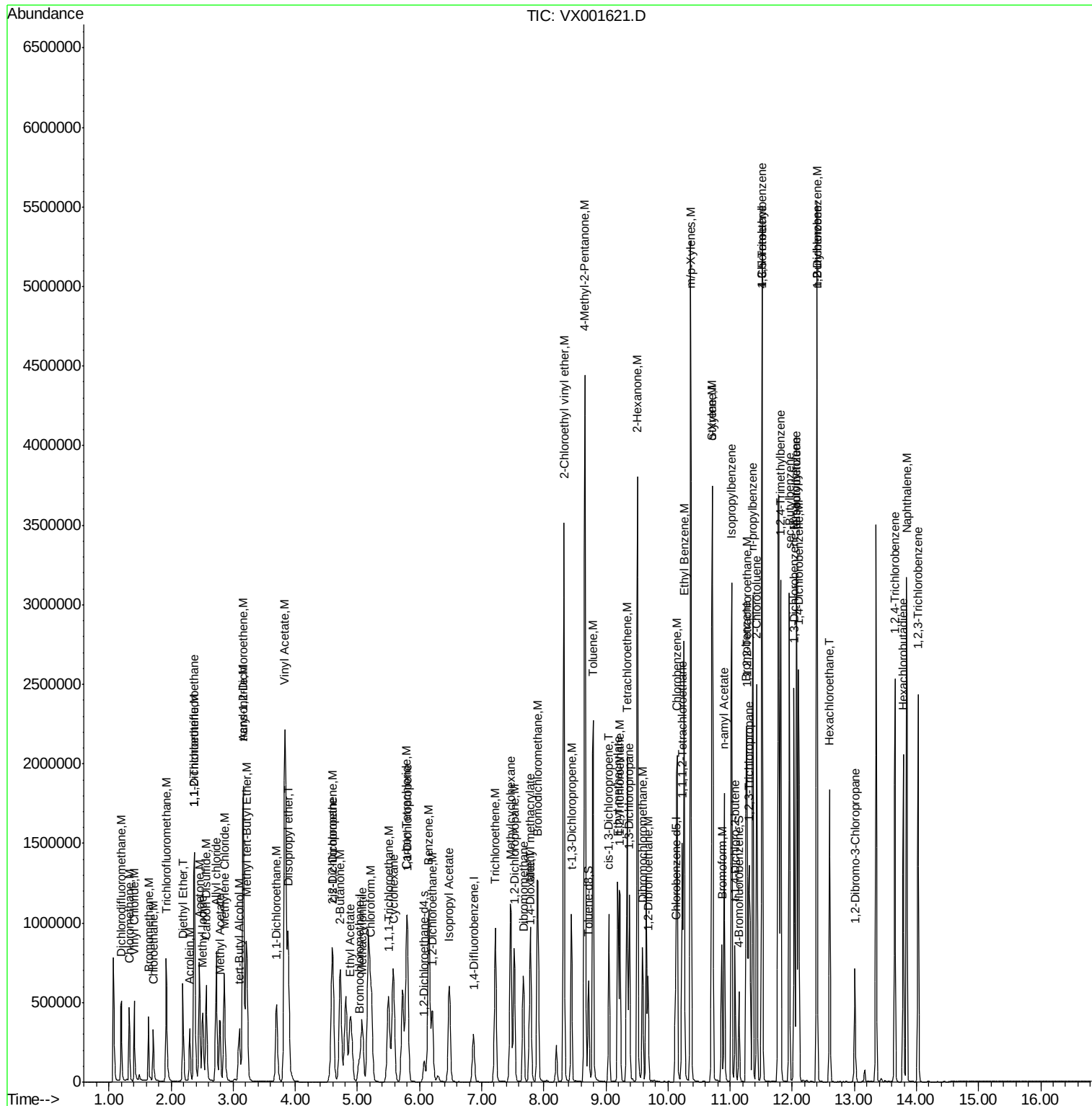
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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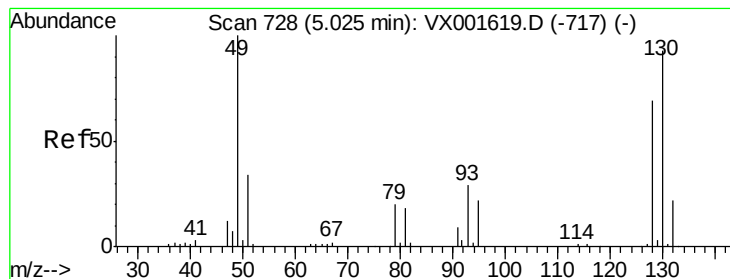
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051118\
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Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 11 07:01:47 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 11 06:59:10 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

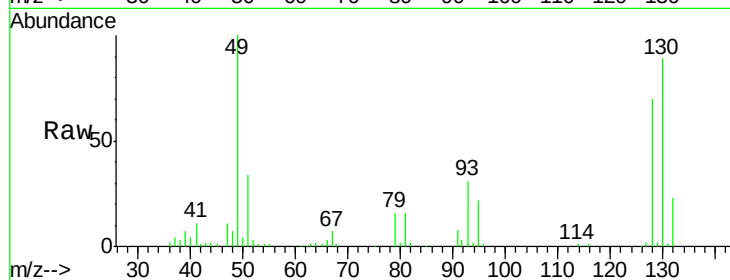
Tgt Ion:128 Resp: 57686

Ion Ratio Lower Upper

128 100

49 147.3 0.0 372.0

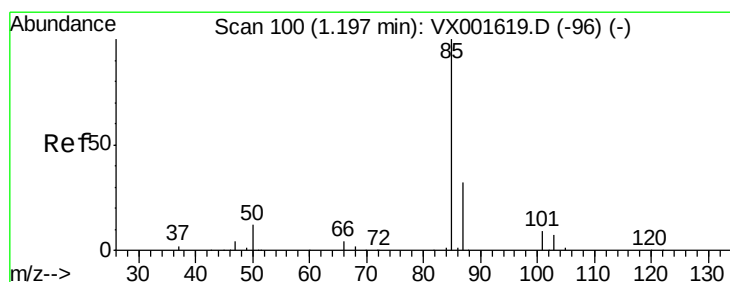
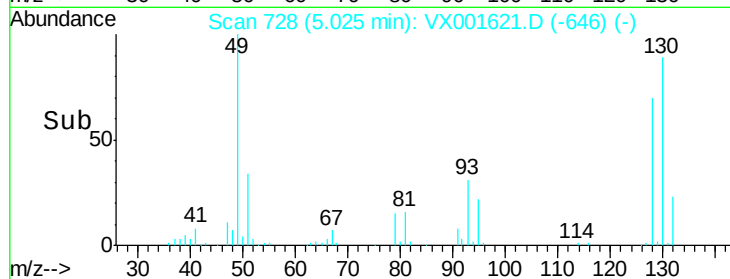
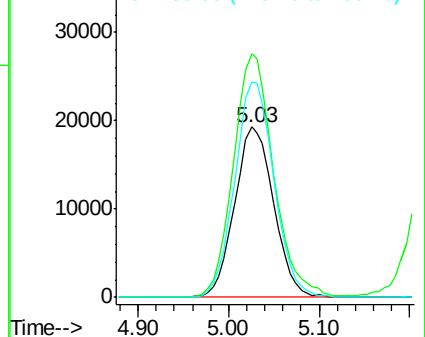
130 127.3 0.0 326.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 87.66 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001621.D

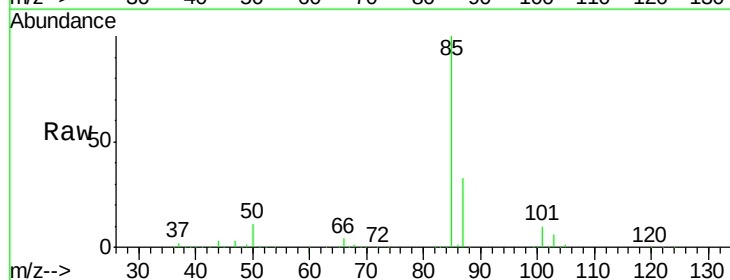
Acq: 11 May 2018 00:22

Tgt Ion: 85 Resp: 316631

Ion Ratio Lower Upper

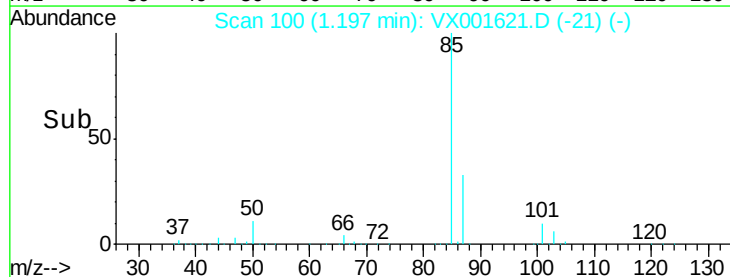
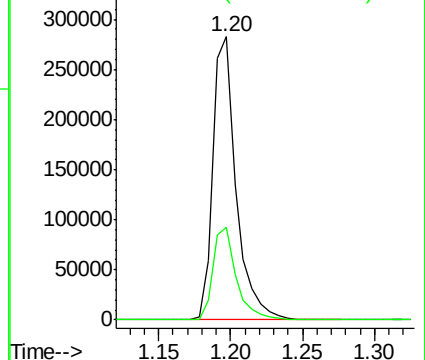
85 100

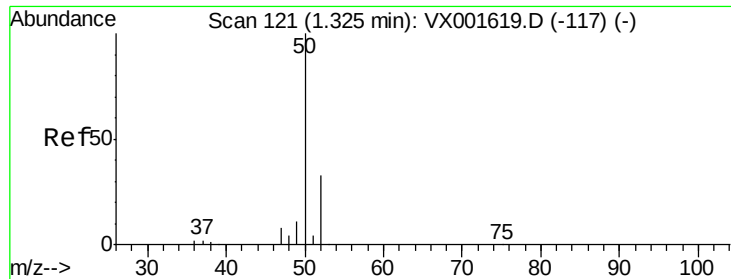
87 32.8 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 92.68 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

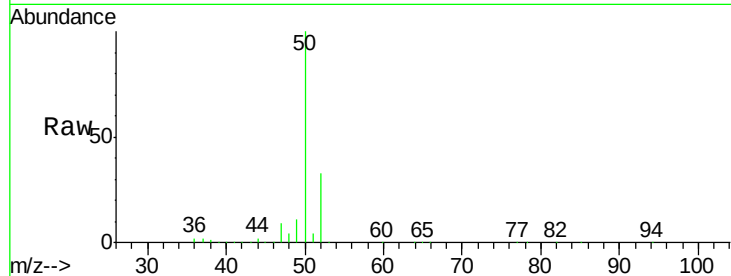
VSTDIC100

Tgt Ion: 50 Resp: 320855

Ion Ratio Lower Upper

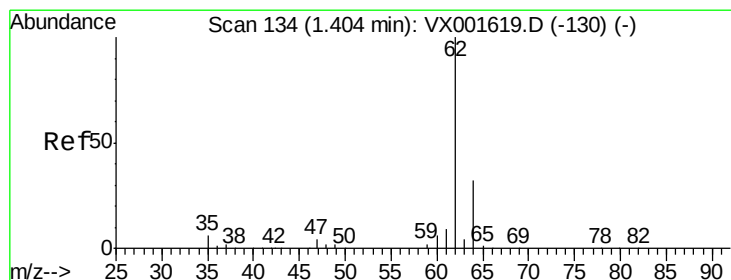
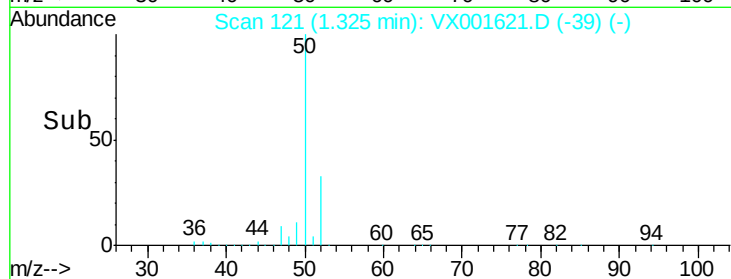
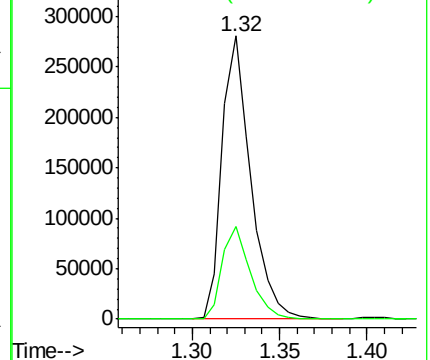
50 100

52 32.9 26.4 39.6



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 94.42 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001621.D

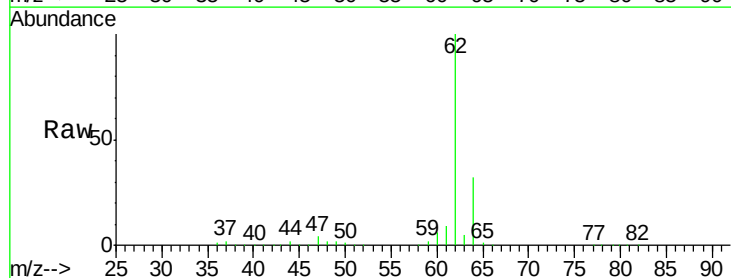
Acq: 11 May 2018 00:22

Tgt Ion: 62 Resp: 343358

Ion Ratio Lower Upper

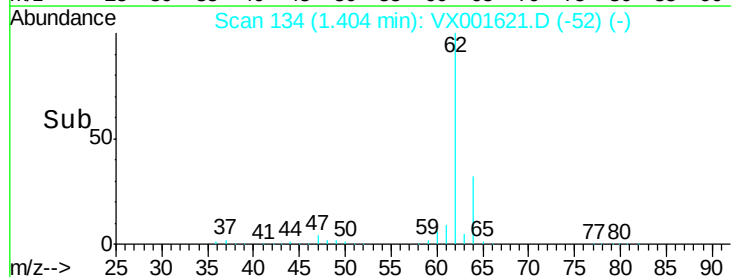
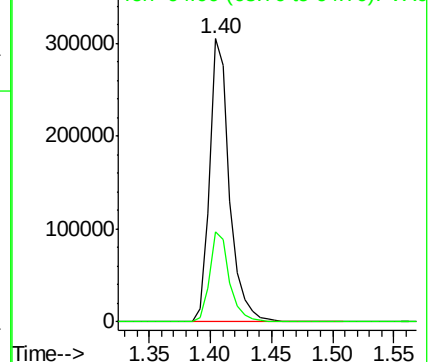
62 100

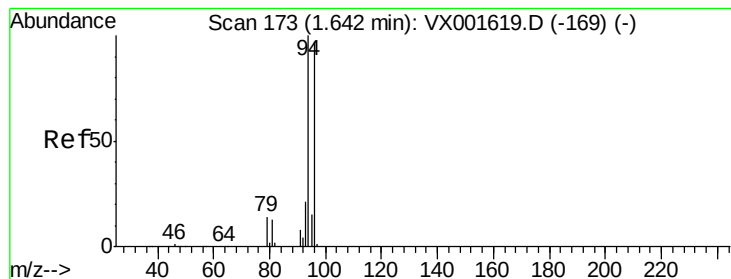
64 31.8 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 52.84 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

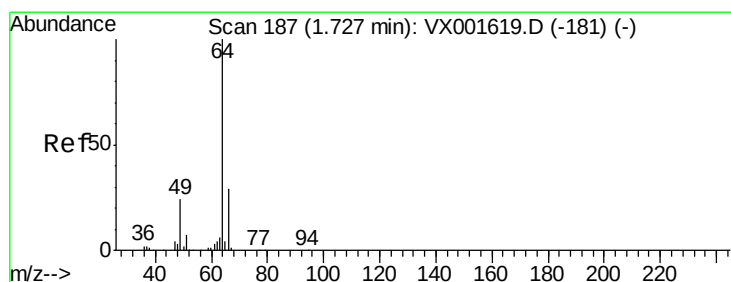
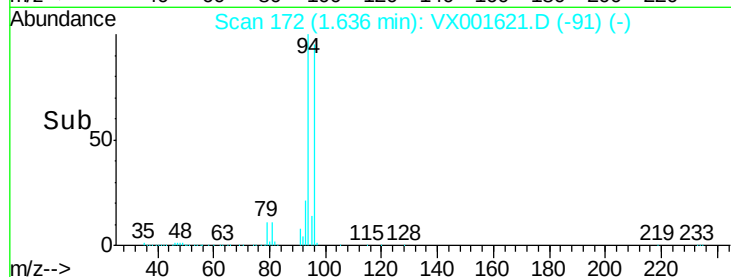
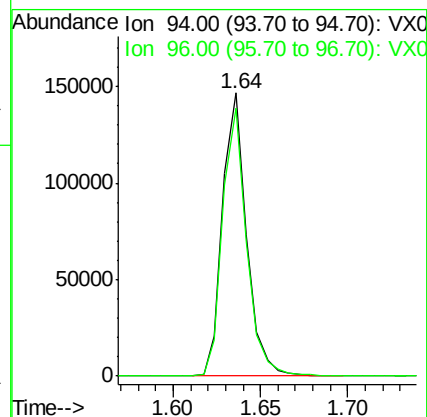
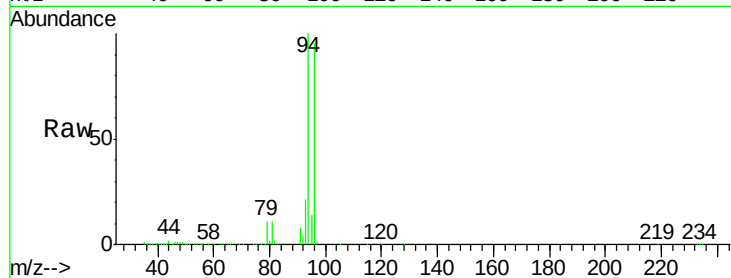
VSTDIC100

Tgt Ion: 94 Resp: 140541

Ion Ratio Lower Upper

94 100

96 94.8 77.8 116.8



#6

Chloroethane

Concen: 98.09 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX001621.D

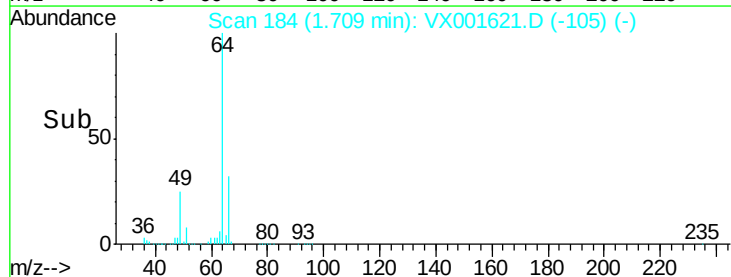
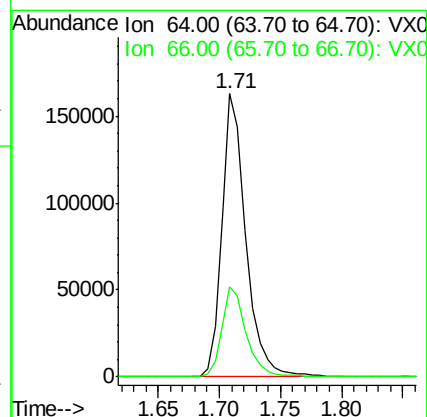
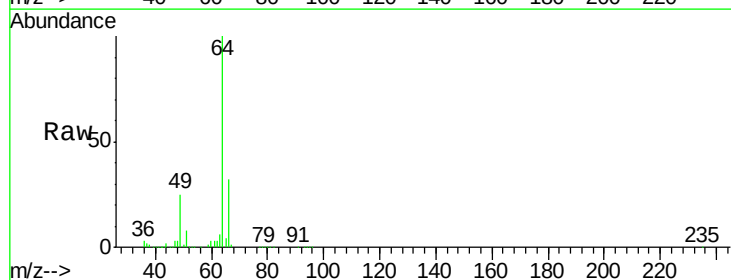
Acq: 11 May 2018 00:22

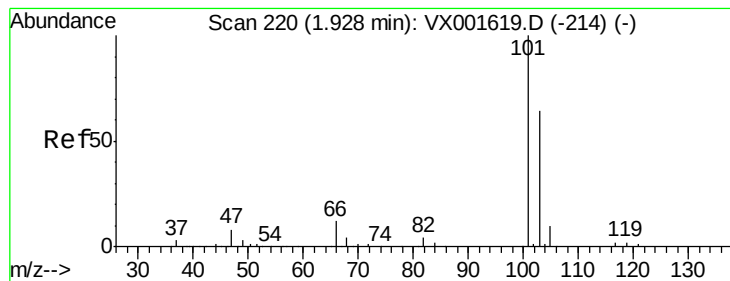
Tgt Ion: 64 Resp: 223243

Ion Ratio Lower Upper

64 100

66 31.8 23.4 35.2



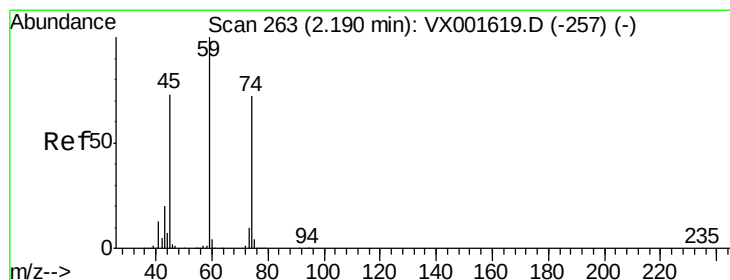
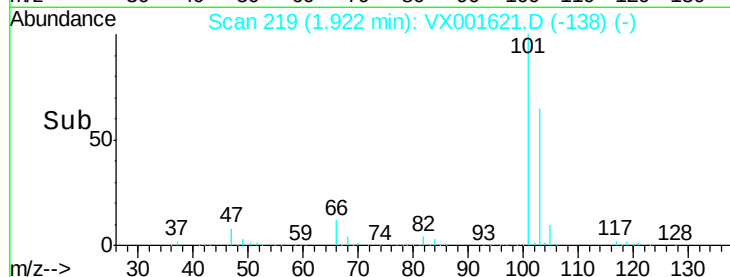
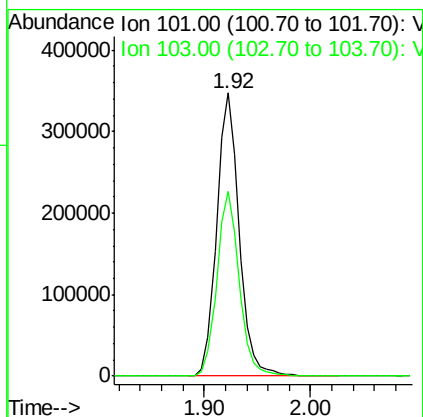
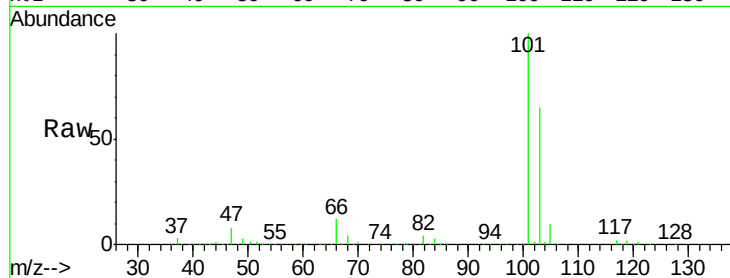


#7

Trichlorofluoromethane
Concen: 85.89 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

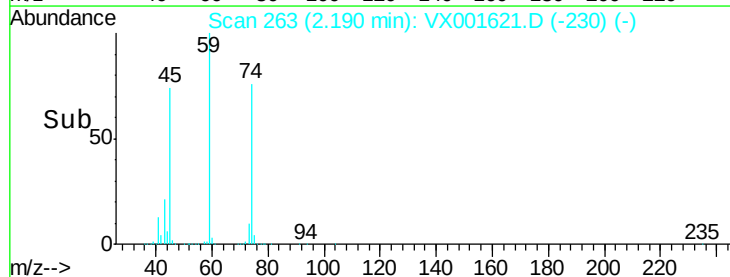
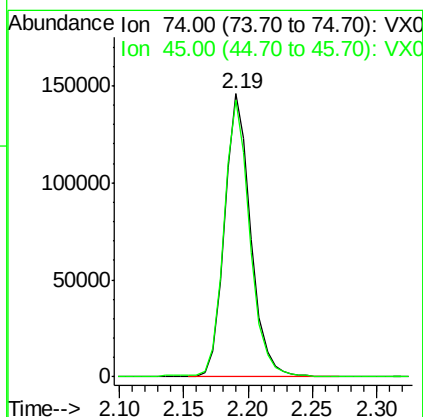
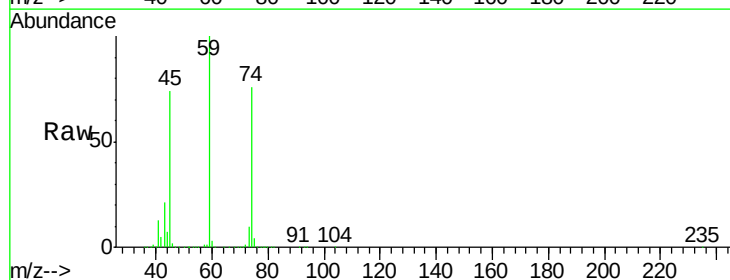
Tgt Ion: 101 Resp: 507526
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

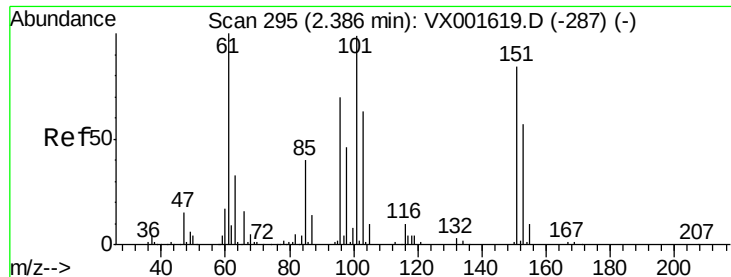


#8

Diethyl Ether
Concen: 97.11 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion: 74 Resp: 207861
Ion Ratio Lower Upper
74 100
45 97.0 19.4 174.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 86.28 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

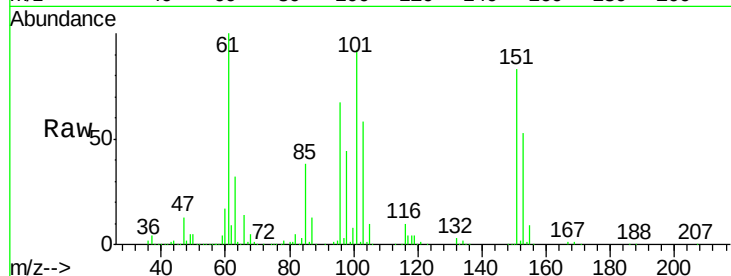
Tgt Ion:101 Resp: 290476

Ion Ratio Lower Upper

101 100

85 41.9 0.0 84.0

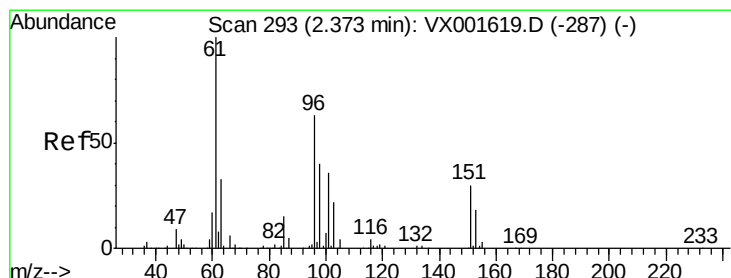
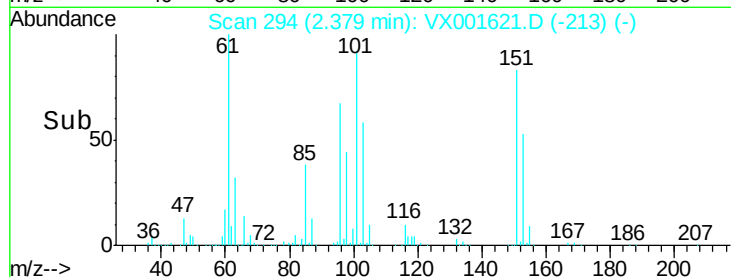
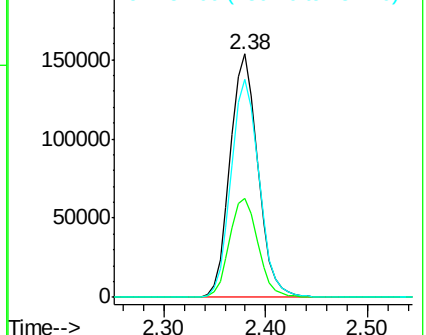
151 90.3 0.0 176.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 92.28 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.01 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

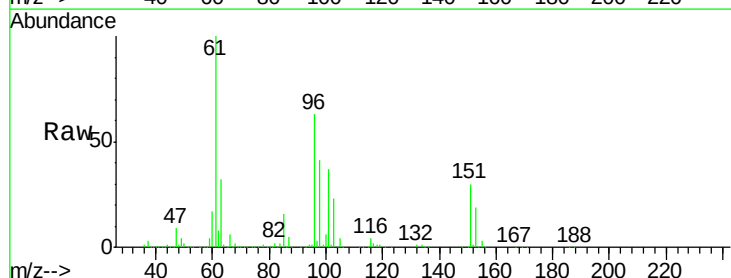
Tgt Ion: 96 Resp: 286347

Ion Ratio Lower Upper

96 100

61 158.8 126.5 189.7

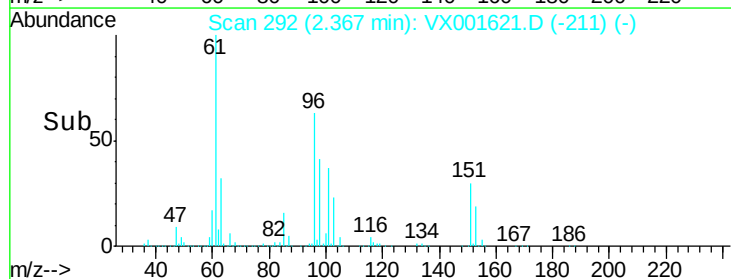
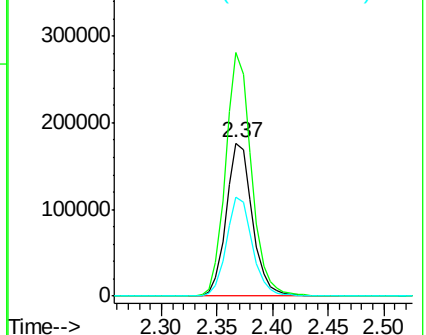
98 64.4 50.6 75.8

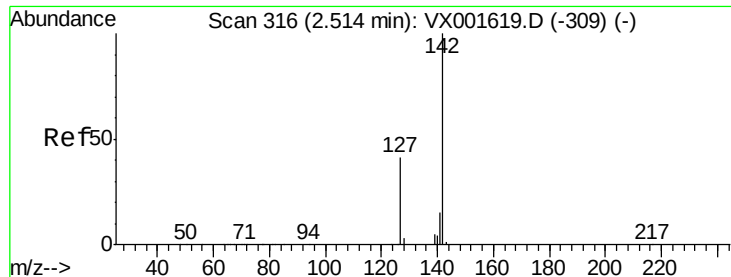


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

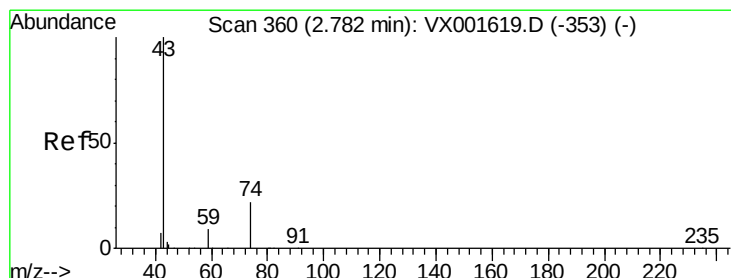
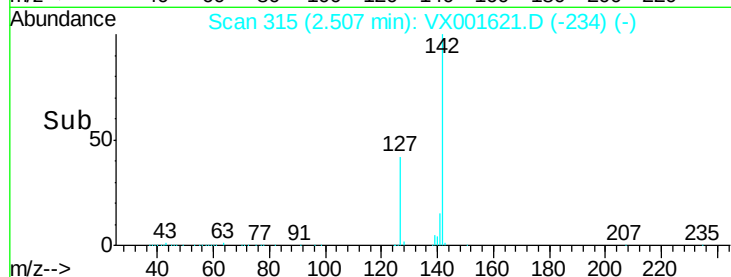
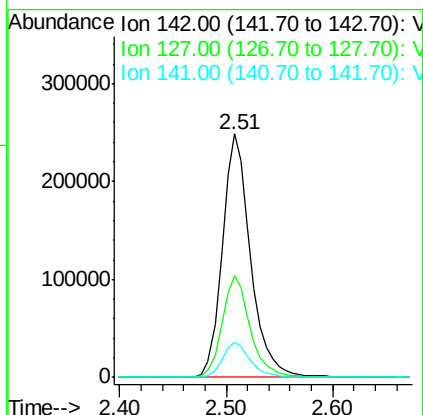
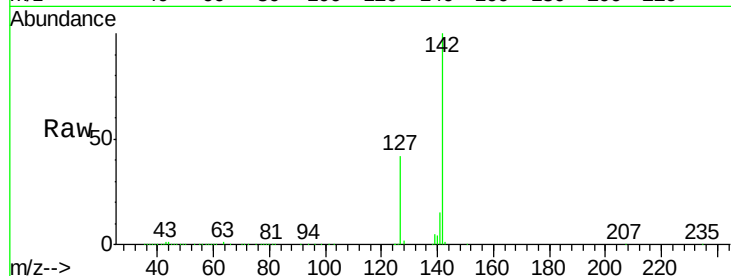




#11
Methyl Iodide
Concen: 116.58 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

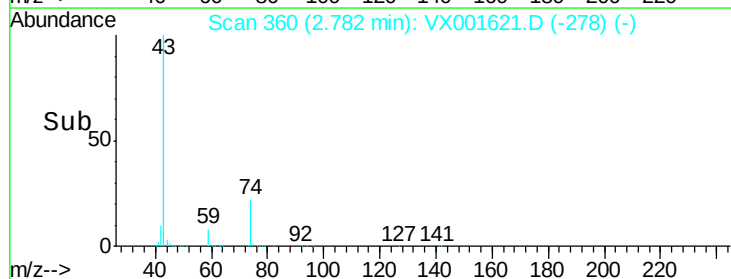
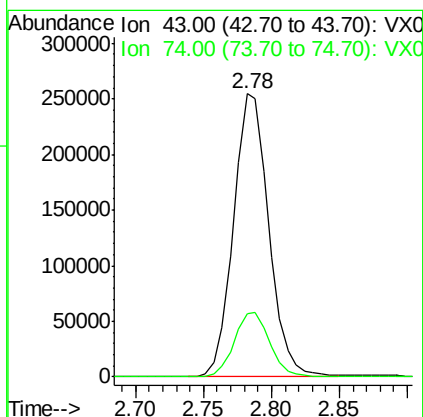
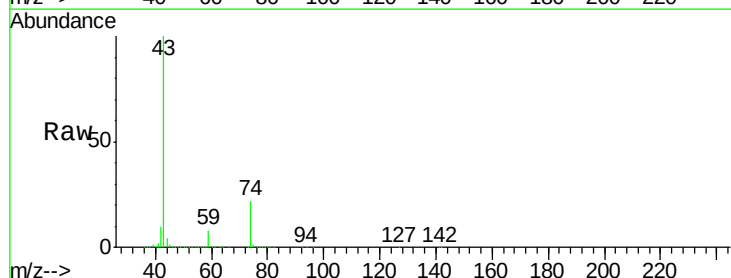
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

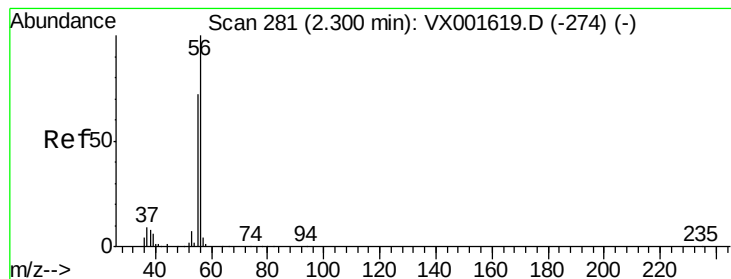
Tgt Ion: 142 Resp: 457812
Ion Ratio Lower Upper
142 100
127 41.6 20.7 62.1
141 14.6 7.4 22.3



#12
Methyl Acetate
Concen: 107.48 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion: 43 Resp: 460176
Ion Ratio Lower Upper
43 100
74 22.3 18.0 27.0





#13

Acrolein

Concen: 482.40 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

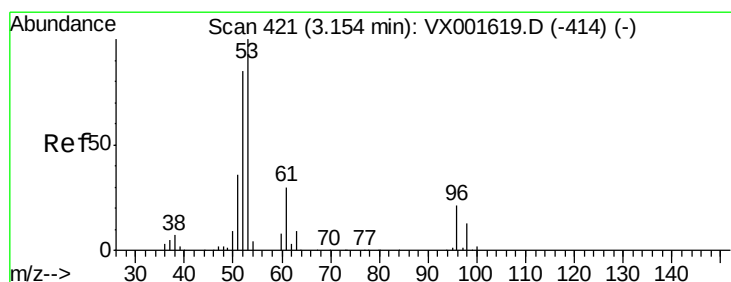
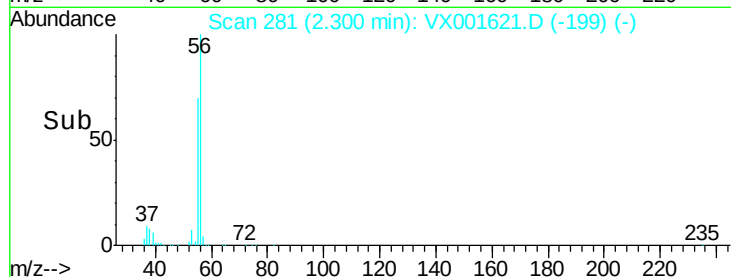
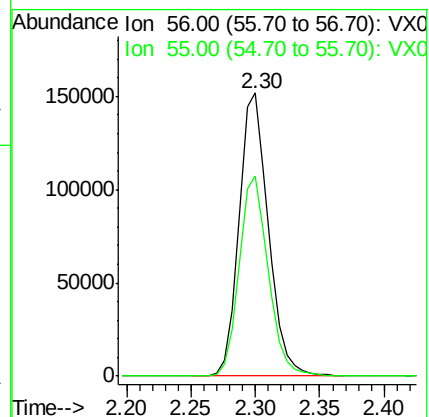
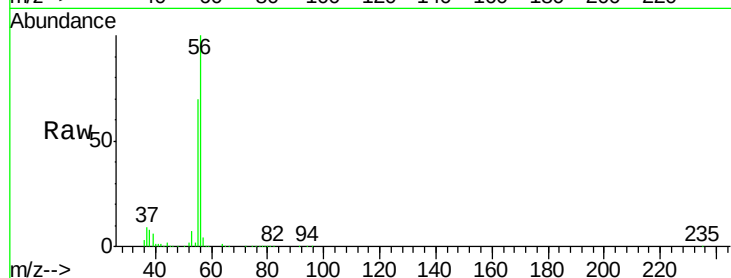
VSTDIC100

Tgt Ion: 56 Resp: 239608

Ion Ratio Lower Upper

56 100

55 70.1 56.9 85.3



#14

Acrylonitrile

Concen: 540.85 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

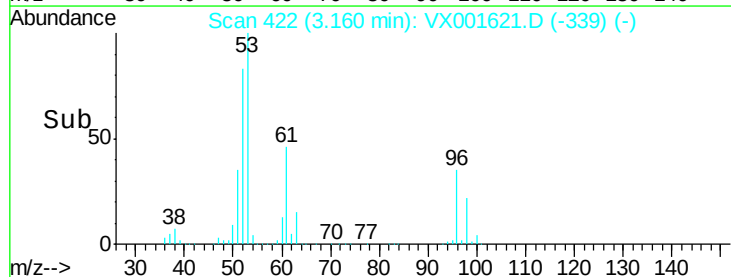
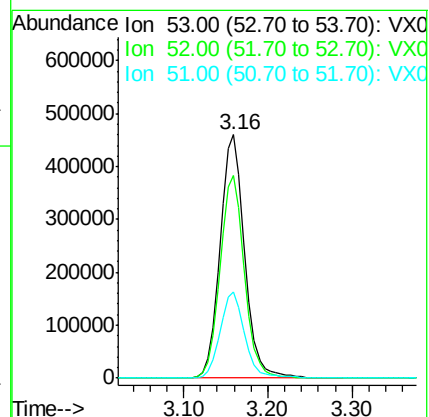
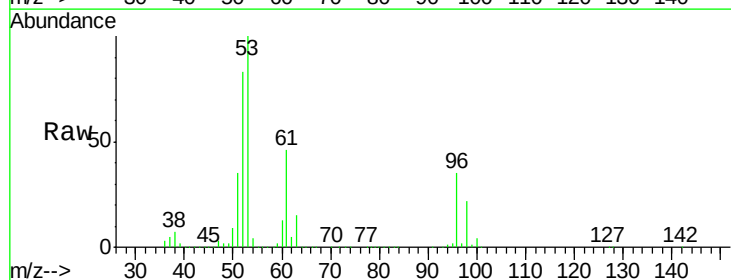
Tgt Ion: 53 Resp: 922353

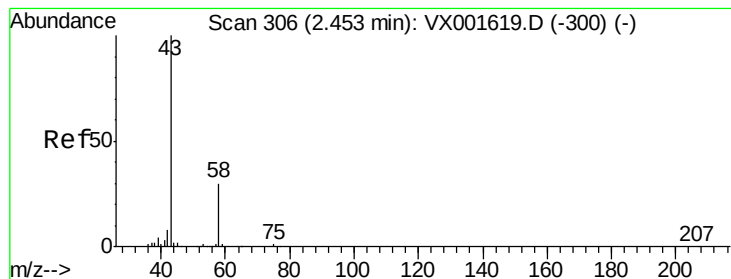
Ion Ratio Lower Upper

53 100

52 82.7 41.3 123.9

51 35.5 18.1 54.3





#15

Acetone

Concen: 478.56 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampled :

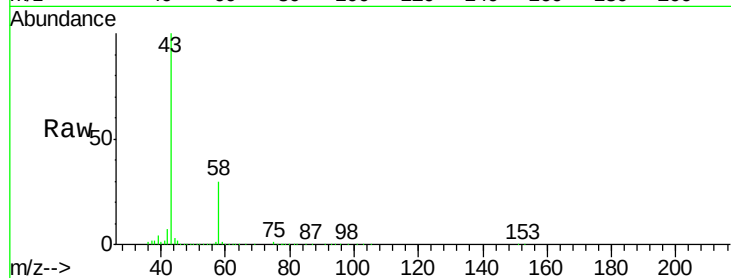
VSTDIC100

Tgt Ion: 58 Resp: 245344

Ion Ratio Lower Upper

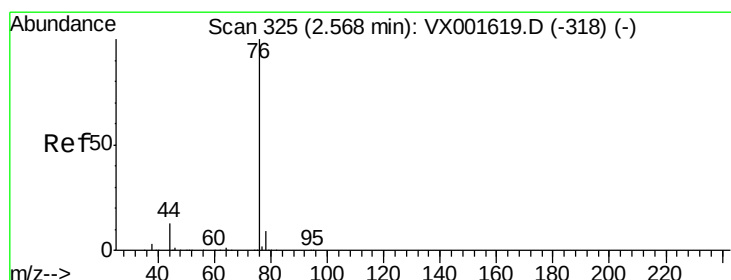
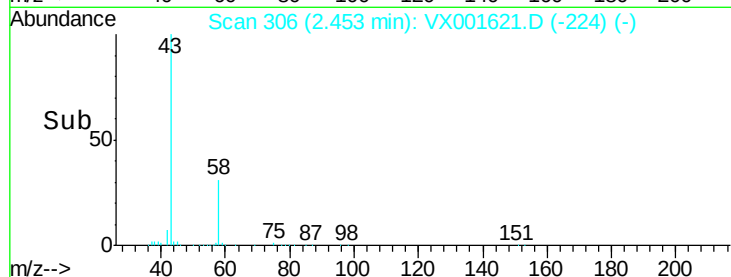
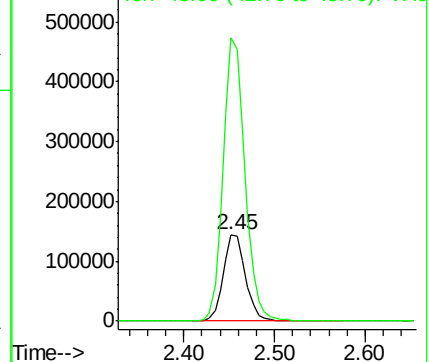
58 100

43 327.7 264.2 396.2



Abundance Ion 58.00 (57.70 to 58.70): VX001621.D (-224) (-)

Ion 43.00 (42.70 to 43.70): VX001621.D (-224) (-)



#16

Carbon Disulfide

Concen: 94.35 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX001621.D

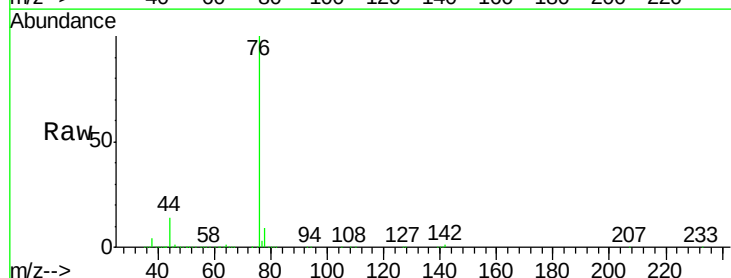
Acq: 11 May 2018 00:22

Tgt Ion: 76 Resp: 766219

Ion Ratio Lower Upper

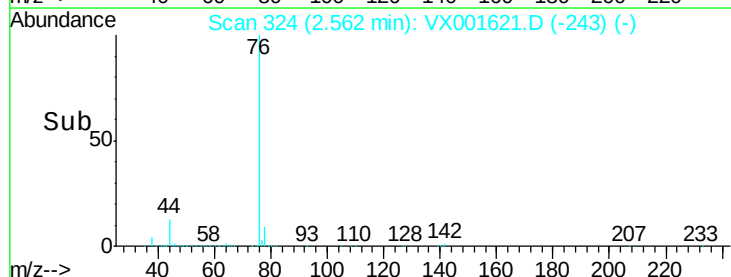
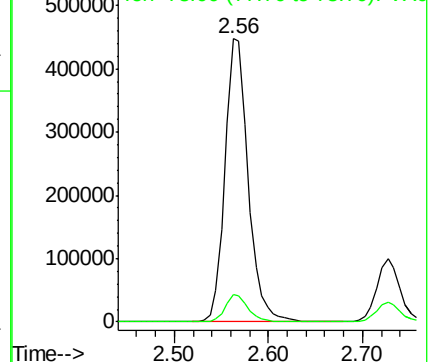
76 100

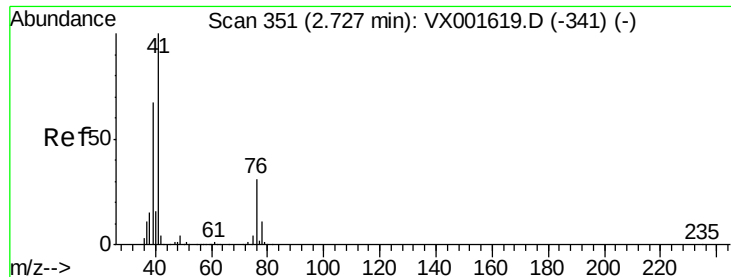
78 9.4 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX001621.D (-243) (-)

Ion 78.00 (77.70 to 78.70): VX001621.D (-243) (-)

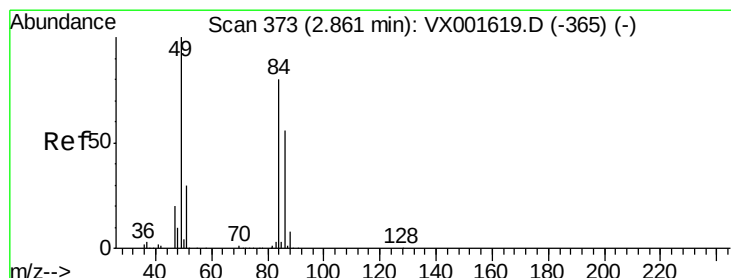
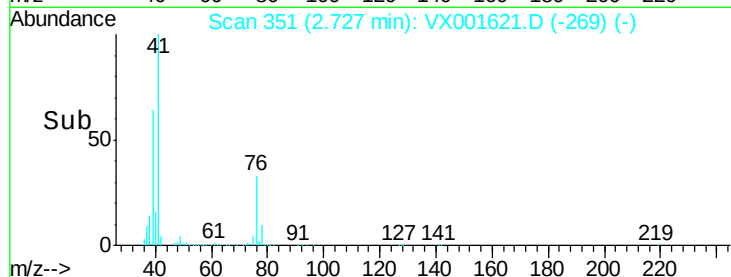
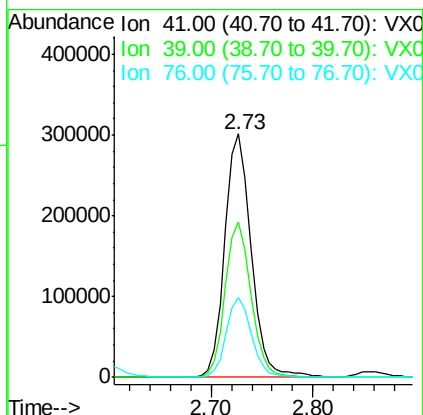
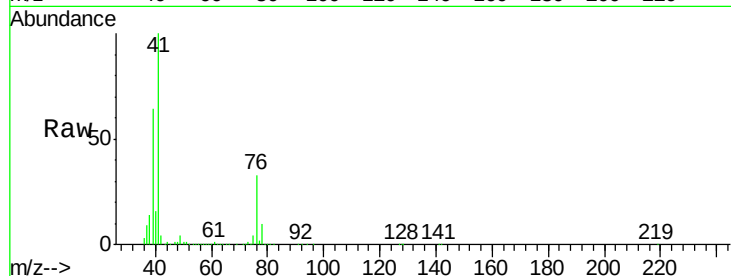




#17
 Allyl chloride
 Concen: 97.38 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

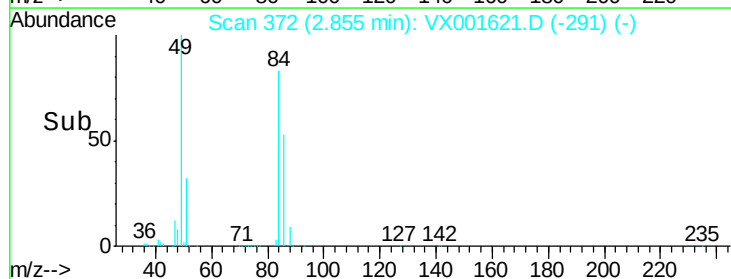
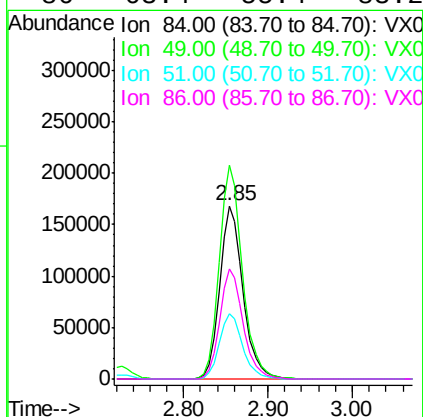
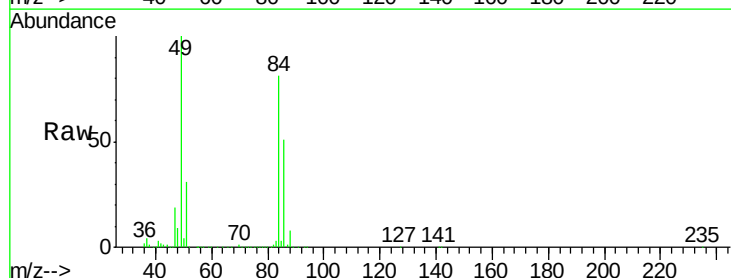
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

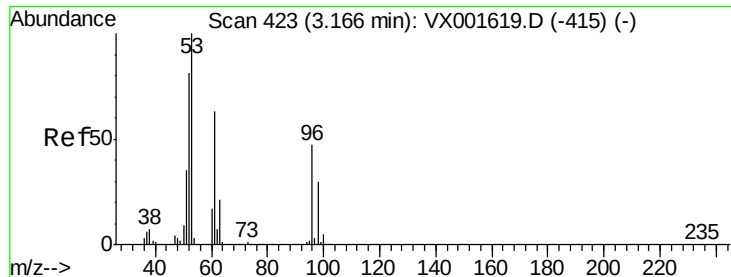
Tgt Ion: 41 Resp: 541040
 Ion Ratio Lower Upper
 41 100
 39 63.6 33.7 101.1
 76 32.8 15.4 46.4



#18
 Methylene Chloride
 Concen: 93.46 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion: 84 Resp: 318977
 Ion Ratio Lower Upper
 84 100
 49 123.3 99.5 149.3
 51 37.9 30.1 45.1
 86 63.4 55.4 83.2





#19

trans-1,2-Dichloroethene

Concen: 92.30 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

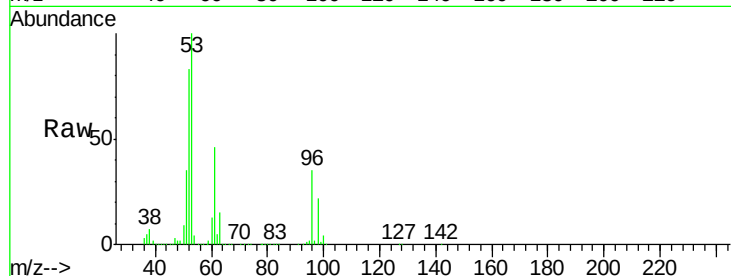
Tgt Ion: 96 Resp: 308274

Ion Ratio Lower Upper

96 100

61 133.6 107.7 161.5

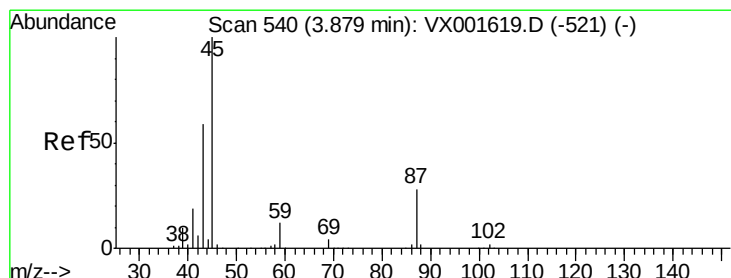
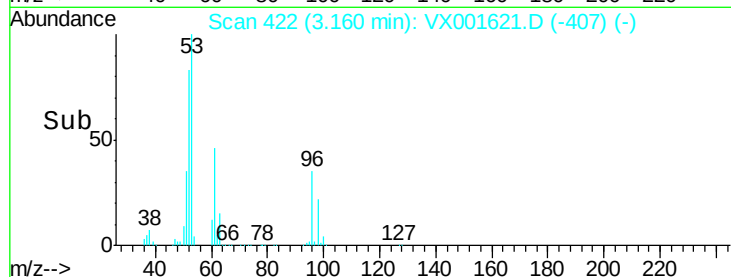
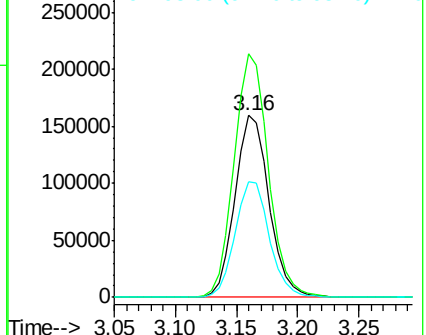
98 63.5 51.6 77.4



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 95.00 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Tgt Ion: 45 Resp: 1028799

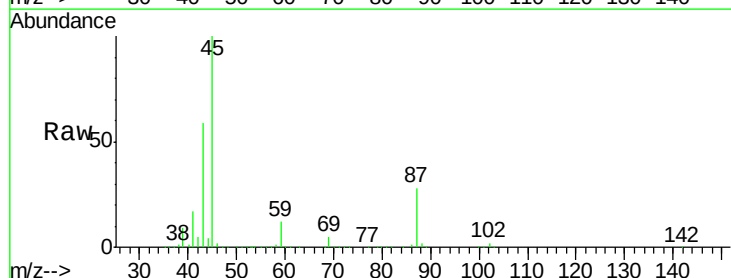
Ion Ratio Lower Upper

45 100

43 58.4 47.5 71.3

87 27.6 22.2 33.4

59 11.6 9.4 14.2

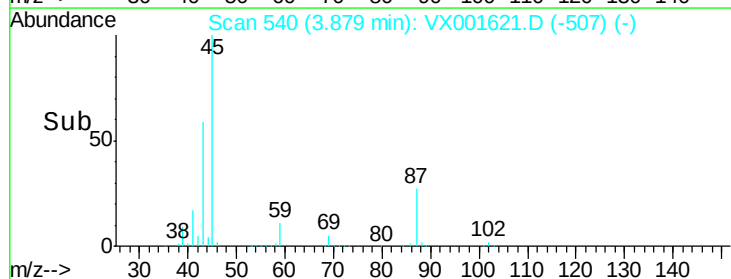
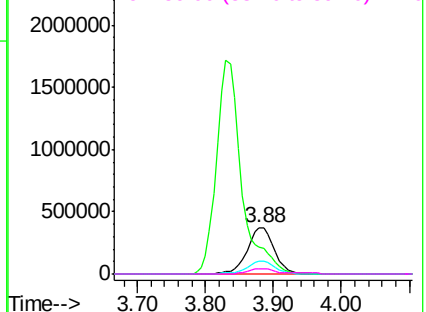


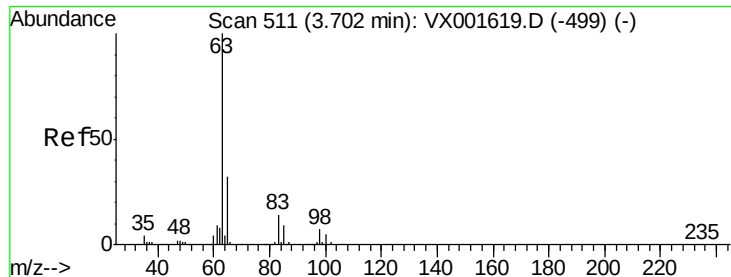
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

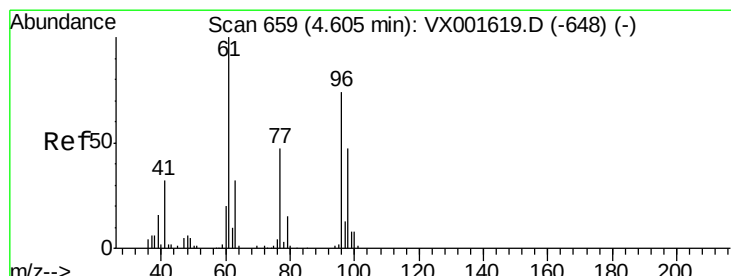
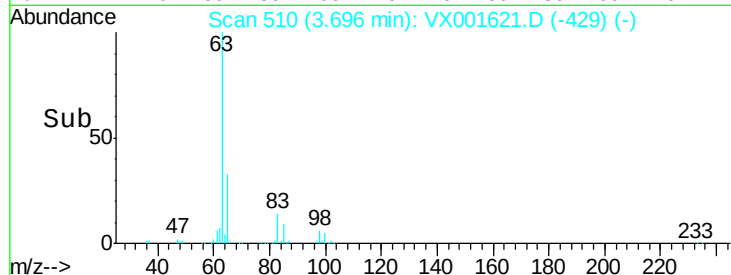
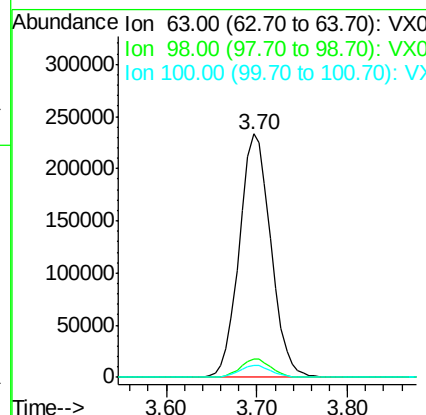
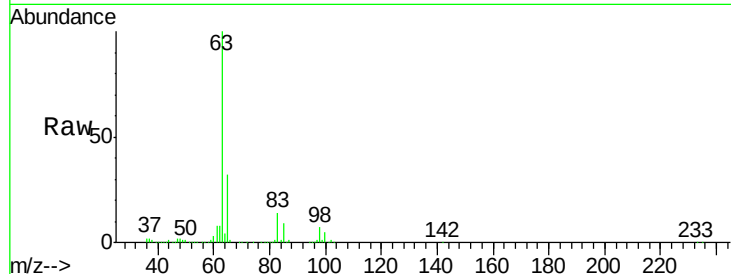




#21
 1,1-Dichloroethane
 Concen: 95.92 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

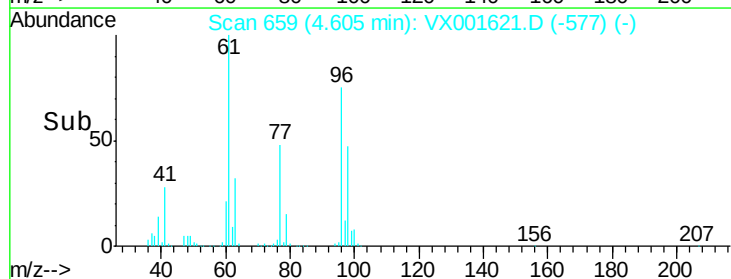
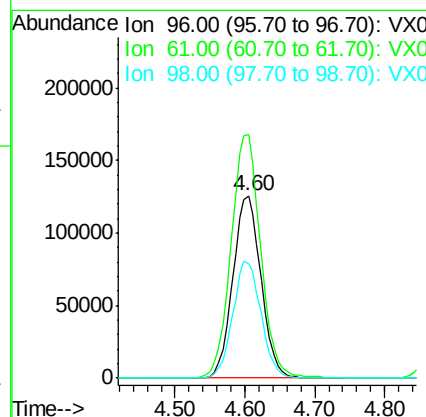
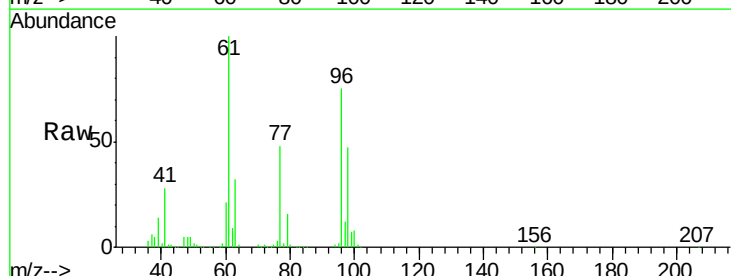
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

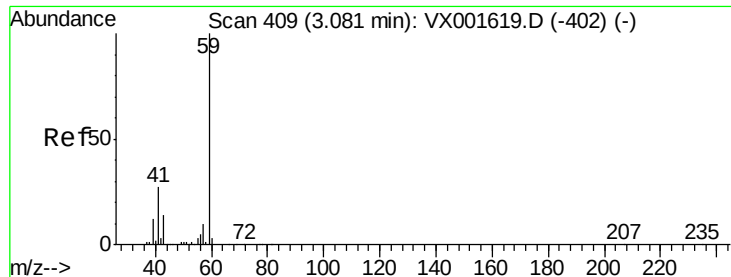
Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.5	10.5
100	4.8	2.5	7.4



#22
 cis-1,2-Dichloroethene
 Concen: 94.19 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.7	117.3	175.9
98	64.3	51.2	76.8





#23

tert-Butyl Alcohol

Concen: 569.91 ug/l

RT: 3.10 min Scan# 412

Delta R.T. 0.02 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

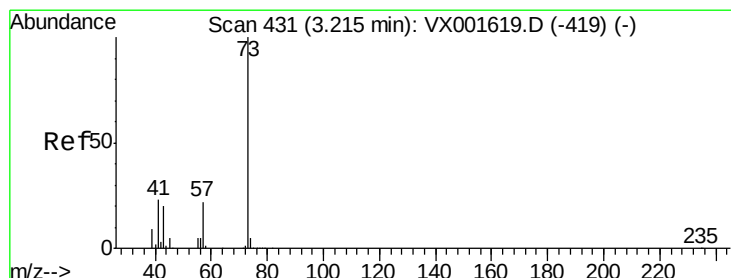
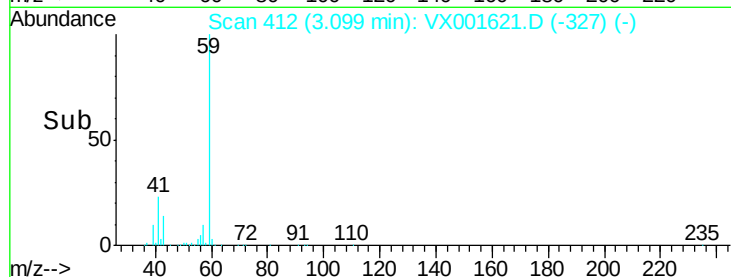
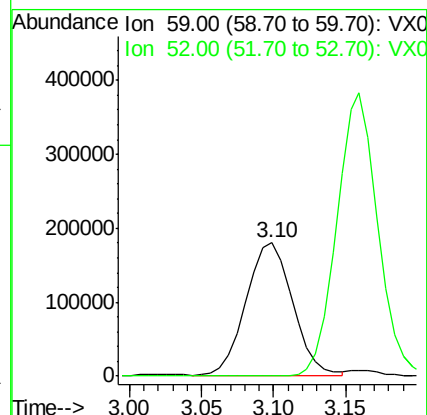
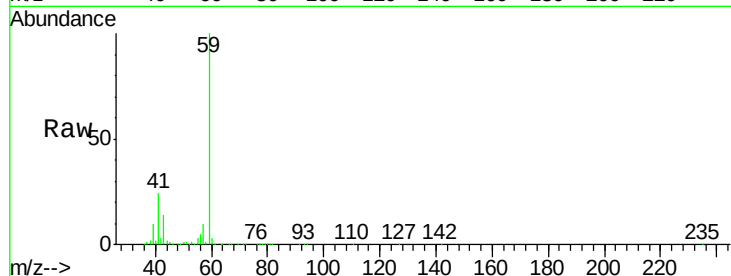
VSTDIC100

Tgt Ion: 59 Resp: 404979

Ion Ratio Lower Upper

59 100

52 0.2 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 92.81 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX001621.D

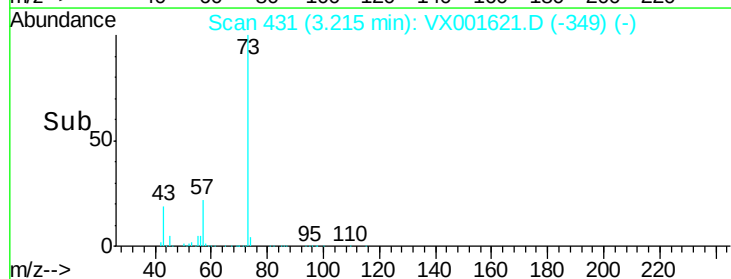
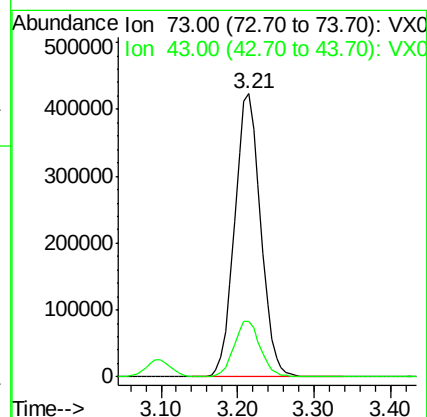
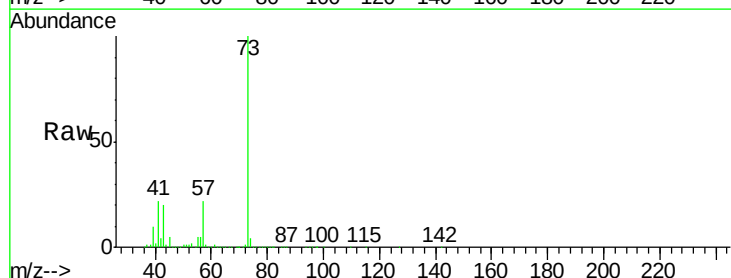
Acq: 11 May 2018 00:22

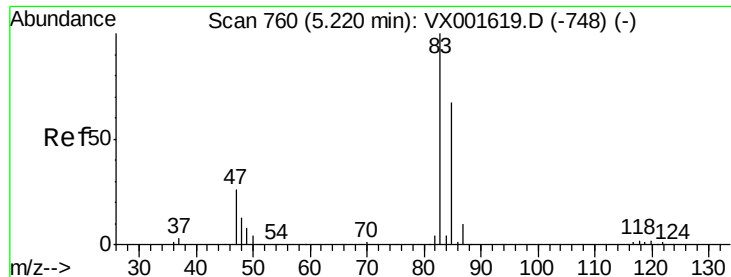
Tgt Ion: 73 Resp: 995257

Ion Ratio Lower Upper

73 100

43 19.9 16.3 24.5





#25

Chloroform

Concen: 92.45 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

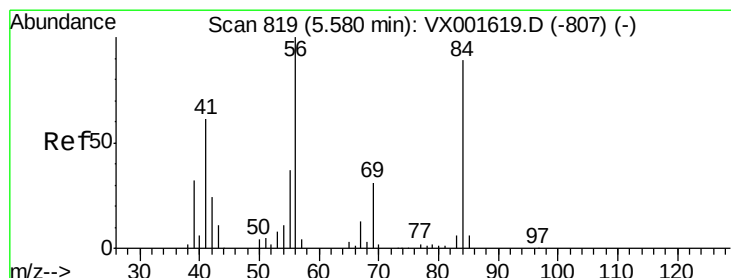
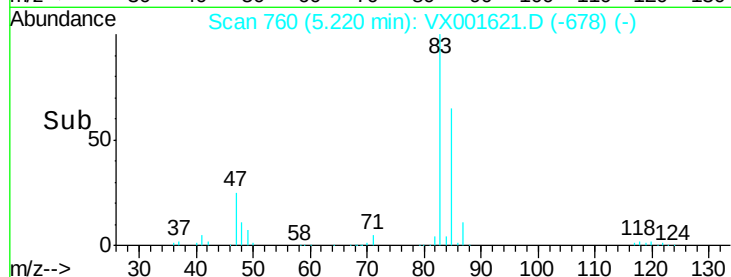
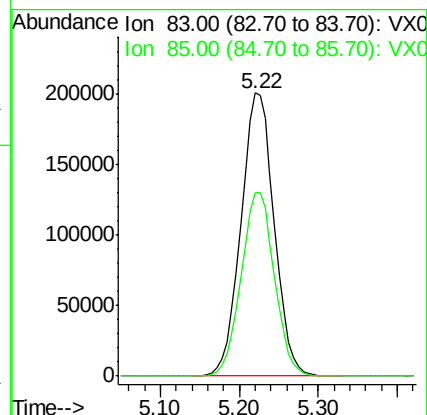
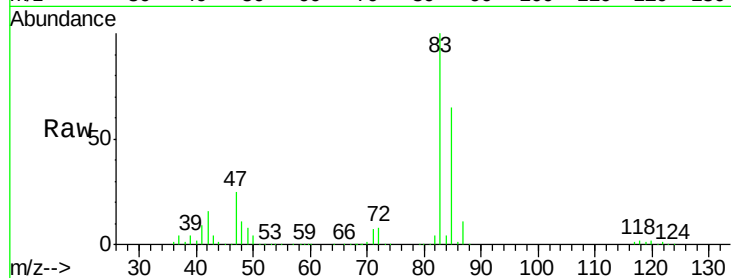
VSTDIC100

Tgt Ion: 83 Resp: 587192

Ion Ratio Lower Upper

83 100

85 64.8 53.9 80.9



#26

Cyclohexane

Concen: 94.14 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

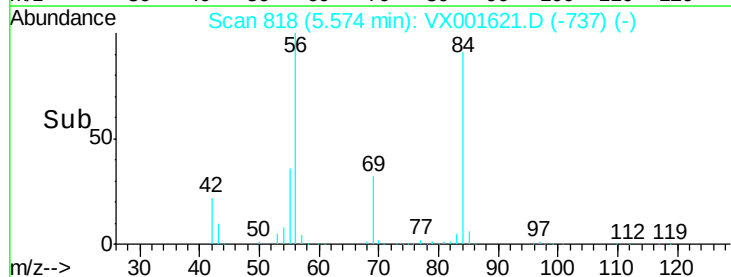
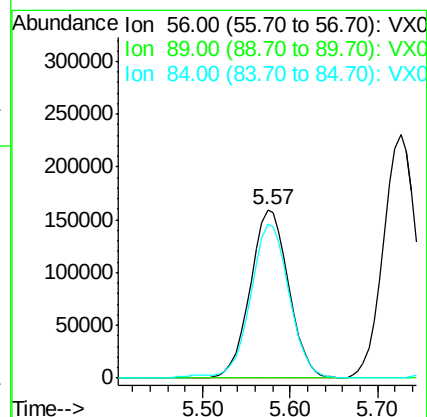
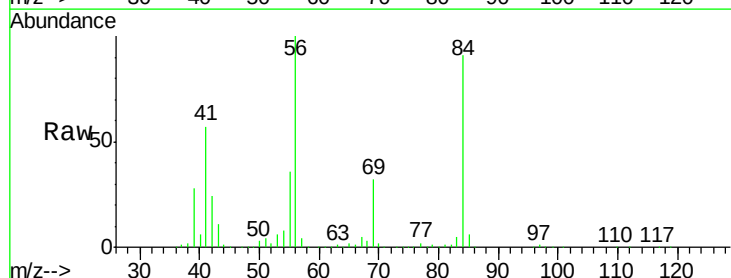
Tgt Ion: 56 Resp: 486218

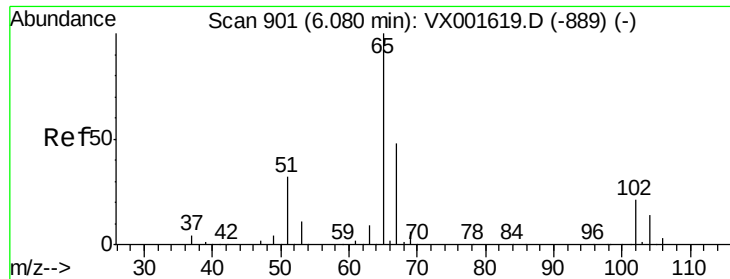
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.3 72.2 108.4

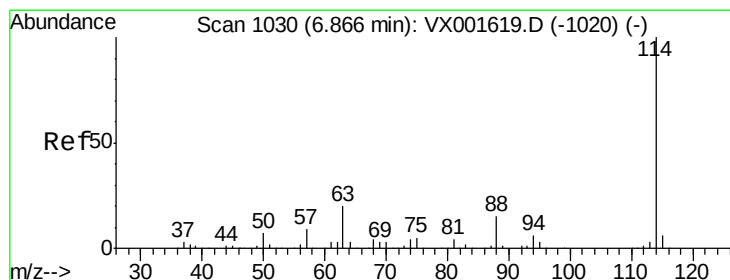
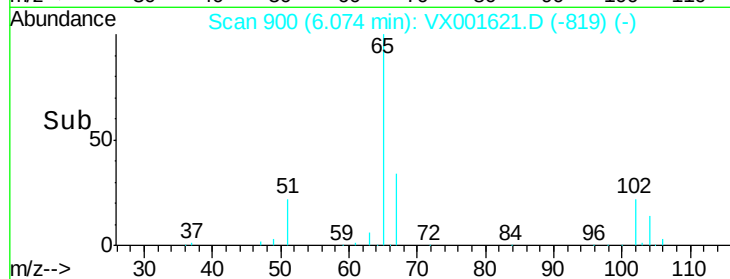
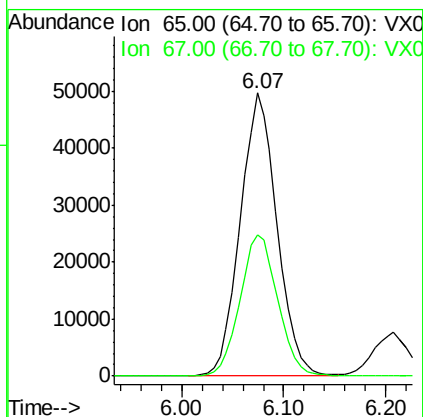
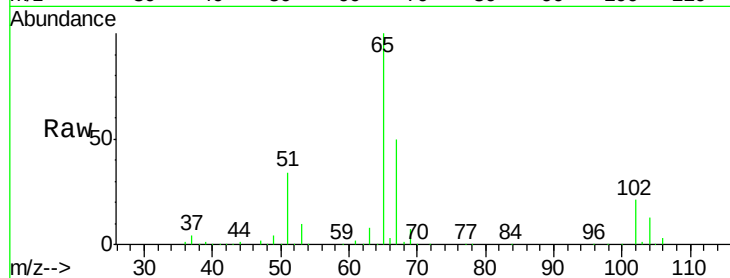




#27
 1,2-Dichloroethane-d4
 Concen: 29.75 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

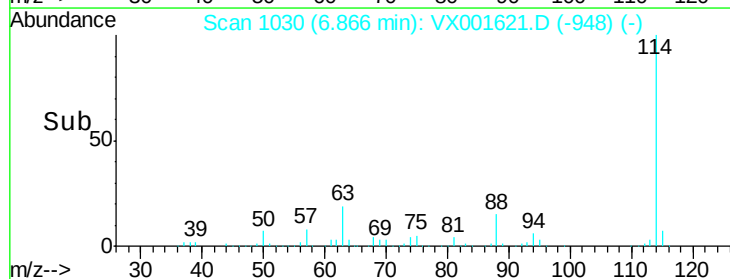
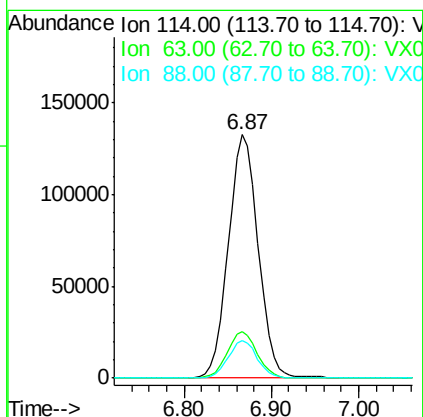
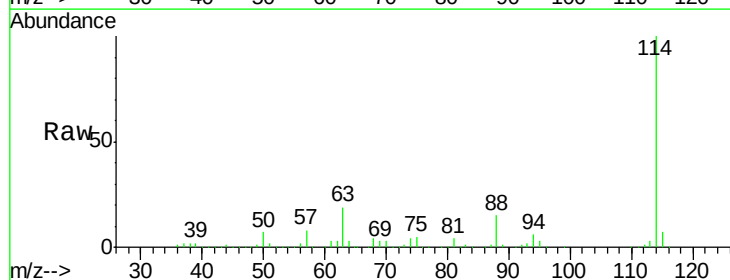
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

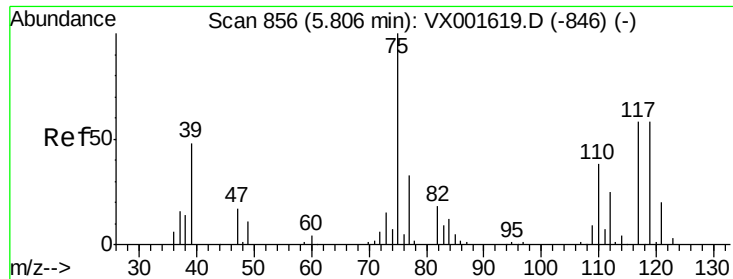
Tgt Ion: 65 Resp: 124256
 Ion Ratio Lower Upper
 65 100
 67 51.1 40.2 60.2



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion: 114 Resp: 314664
 Ion Ratio Lower Upper
 114 100
 63 19.1 15.5 23.3
 88 15.0 12.2 18.4

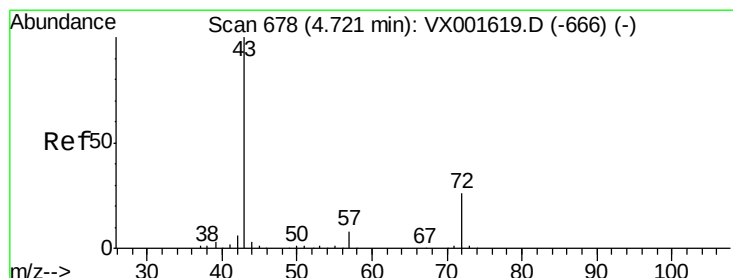
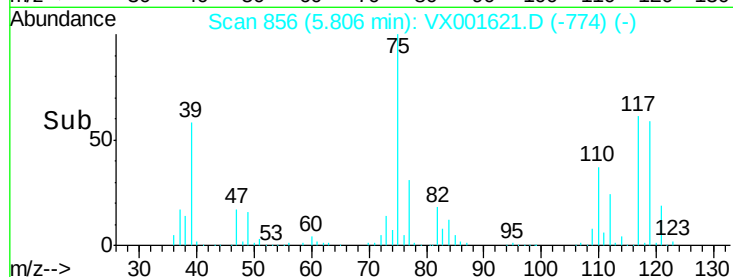
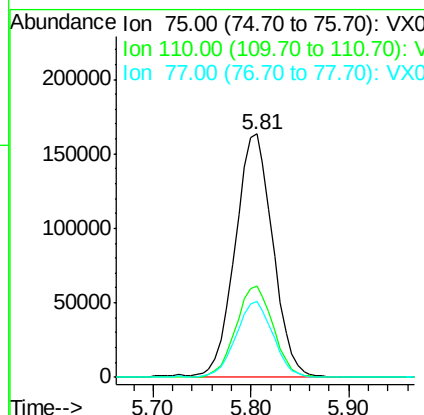
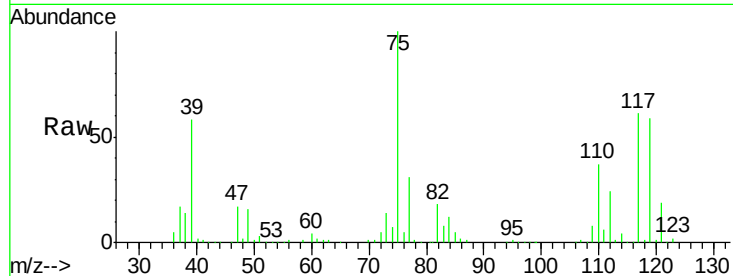




#29
 1,1-Dichloropropene
 Concen: 94.87 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

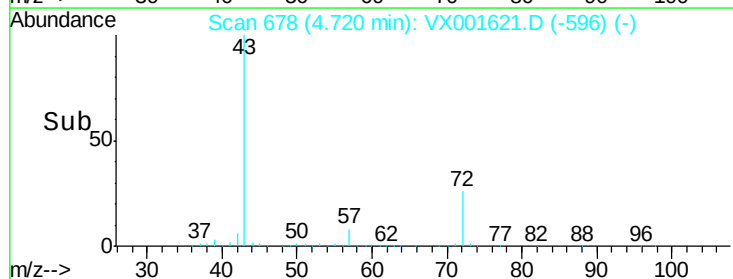
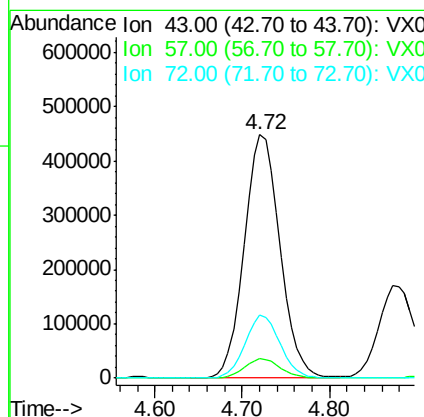
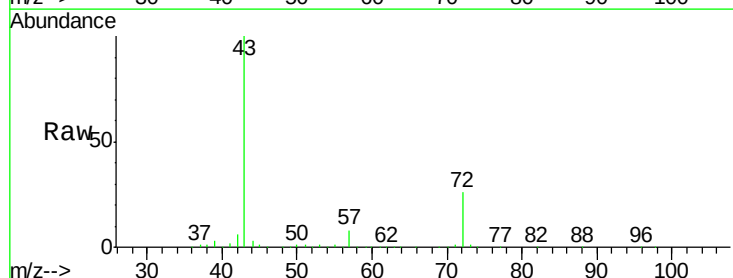
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

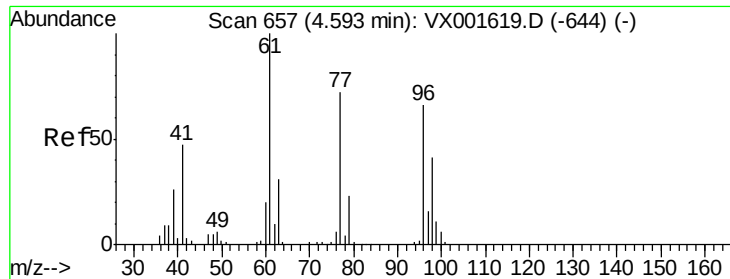
Tgt Ion: 75 Resp: 436495
 Ion Ratio Lower Upper
 75 100
 110 37.3 0.0 74.6
 77 30.7 0.0 62.4



#30
 2-Butanone
 Concen: 517.29 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion: 43 Resp: 1275867
 Ion Ratio Lower Upper
 43 100
 57 7.9 6.3 9.5
 72 25.5 20.2 30.4

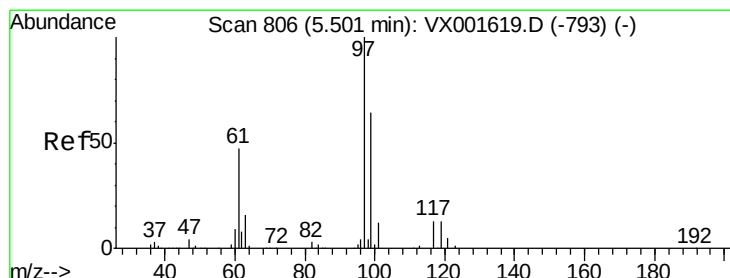
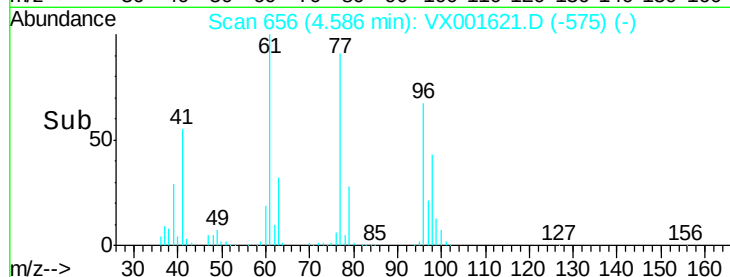
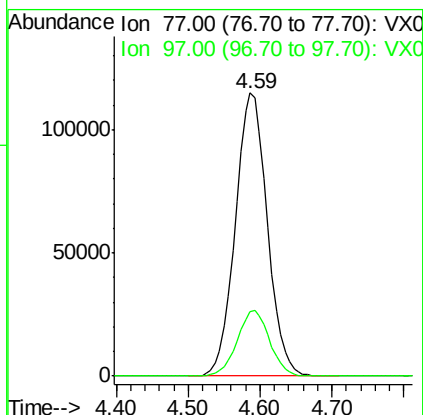
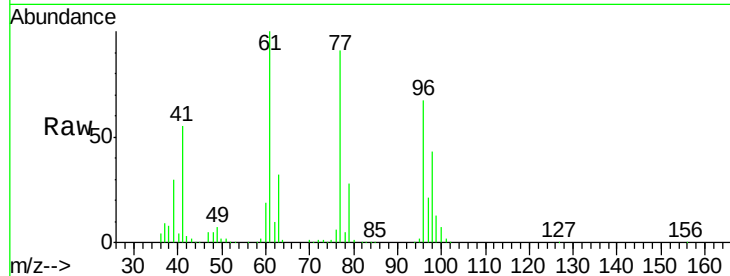




#31
 2,2-Dichloropropane
 Concen: 73.86 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

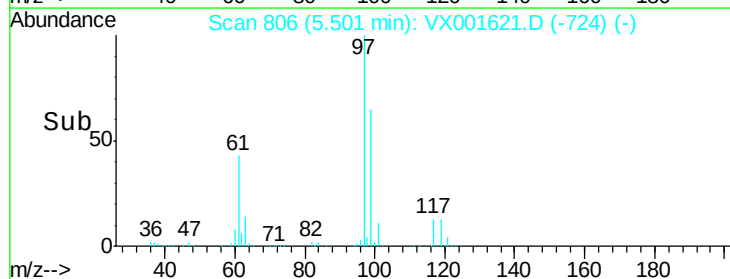
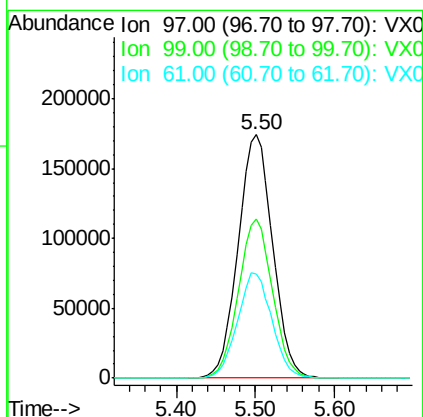
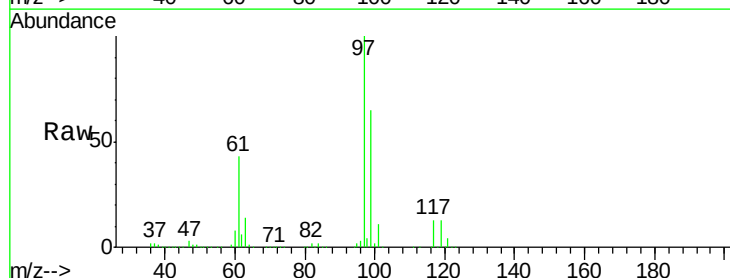
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

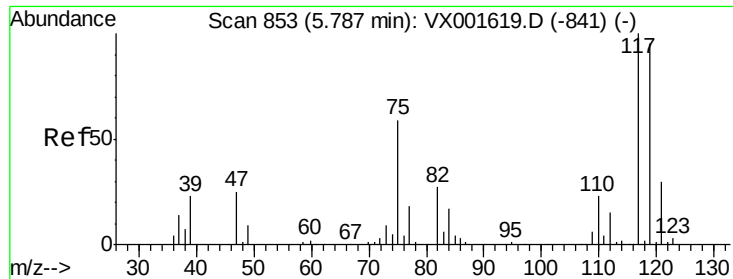
Tgt Ion: 77 Resp: 354567
 Ion Ratio Lower Upper
 77 100
 97 23.5 19.3 28.9



#32
 1,1,1-Trichloroethane
 Concen: 94.72 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion: 97 Resp: 531105
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.7 77.5
 61 43.0 35.6 53.4





#33

Carbon Tetrachloride

Concen: 95.92 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

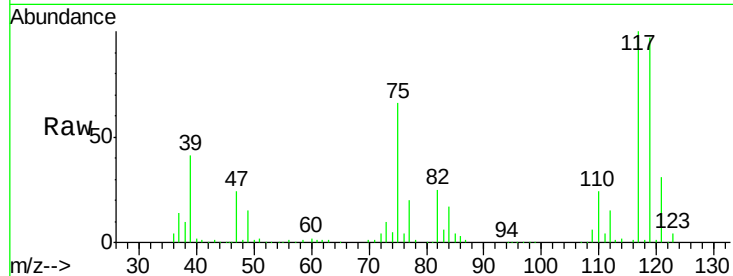
Tgt Ion:117 Resp: 485154

Ion Ratio Lower Upper

117 100

119 96.9 75.7 113.5

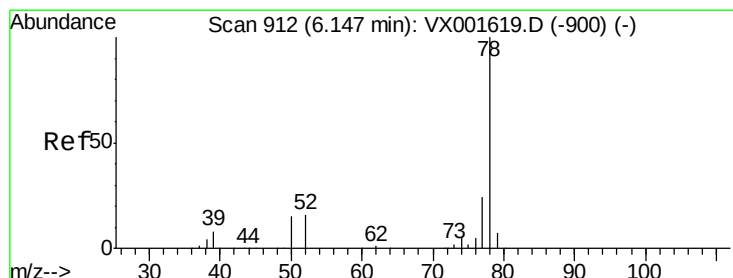
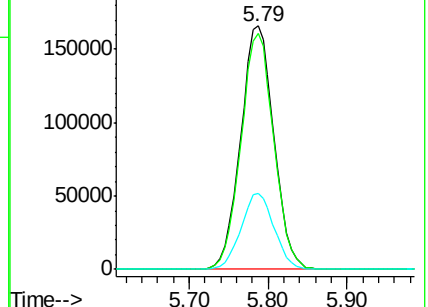
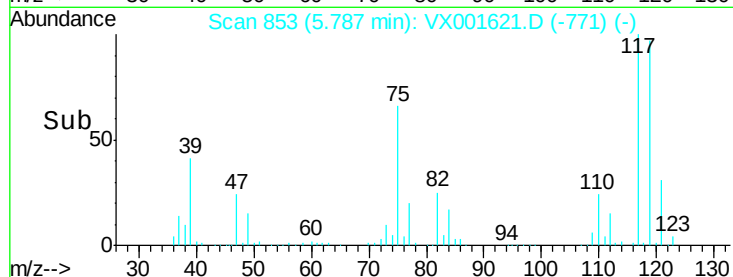
121 31.1 24.3 36.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 94.35 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

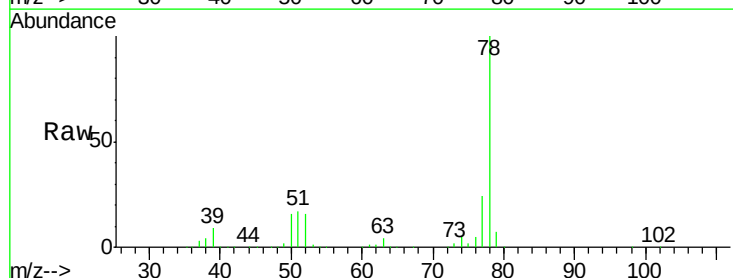
Tgt Ion: 78 Resp: 1297125

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2

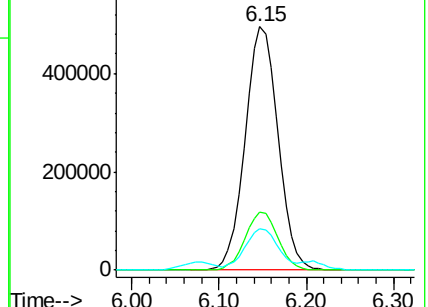
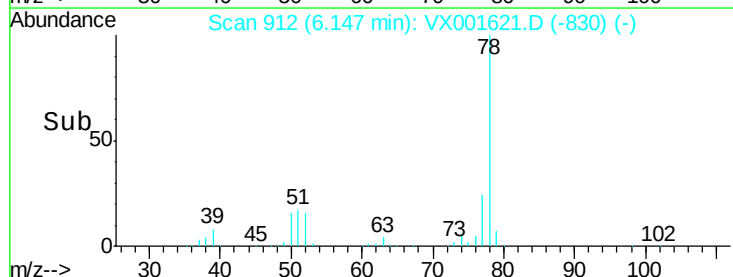
51 16.5 13.5 20.3

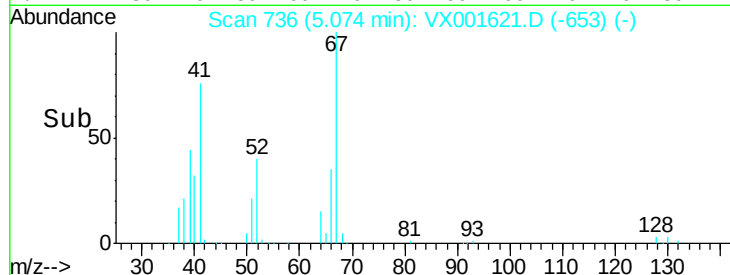
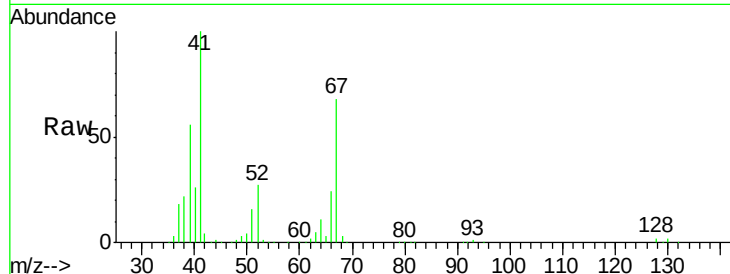
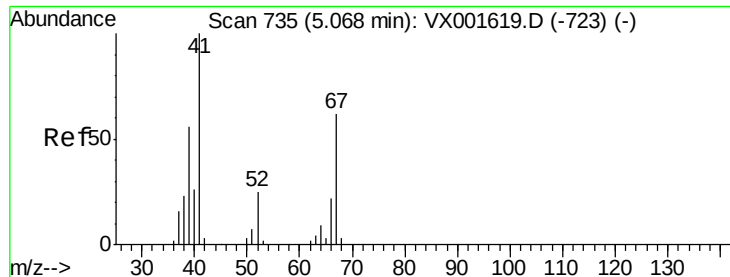


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

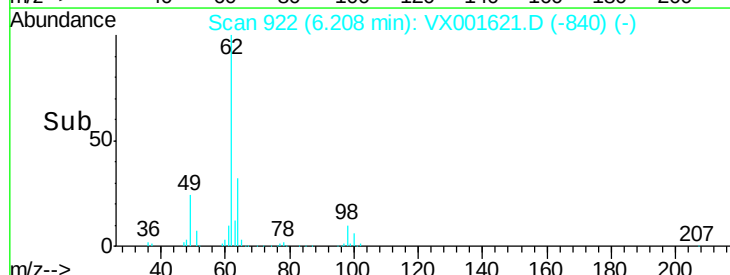
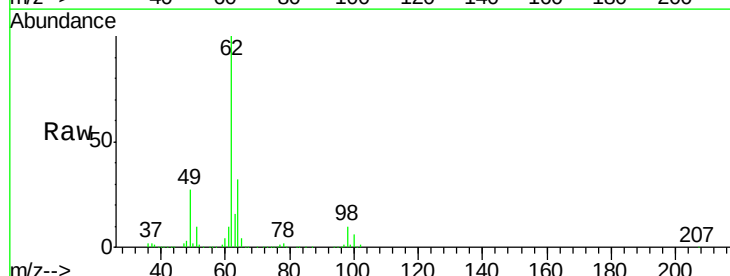
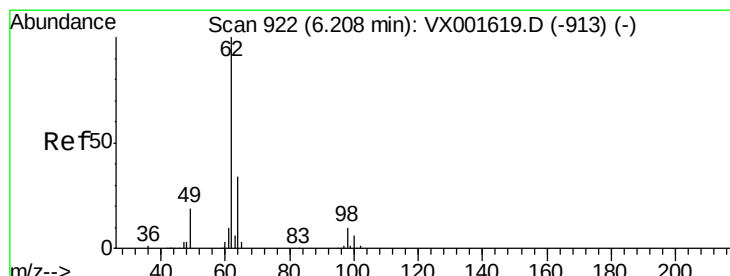
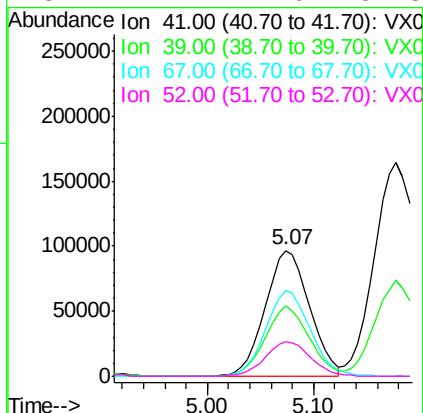




#35
Methacrylonitrile
Concen: 102.30 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

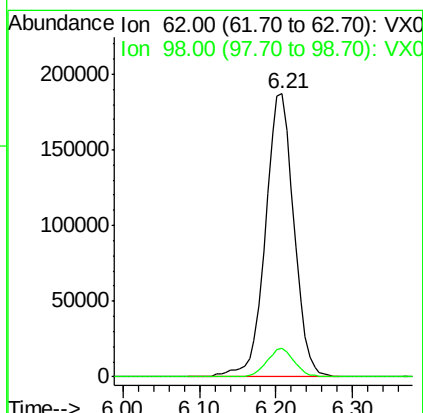
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

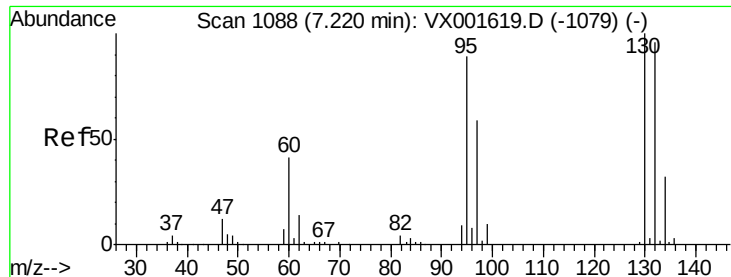
Tgt Ion:	41	Resp:	279107
Ion	Ratio	Lower	Upper
41	100		
39	55.7	27.9	83.6
67	68.1	30.9	92.5
52	27.2	12.6	37.8



#36
1,2-Dichloroethane
Concen: 91.02 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion:	62	Resp:	485270
Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.7	11.5

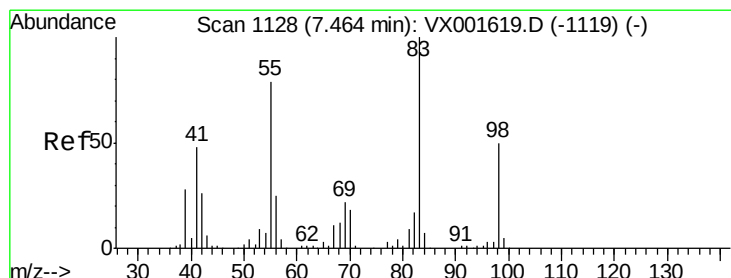
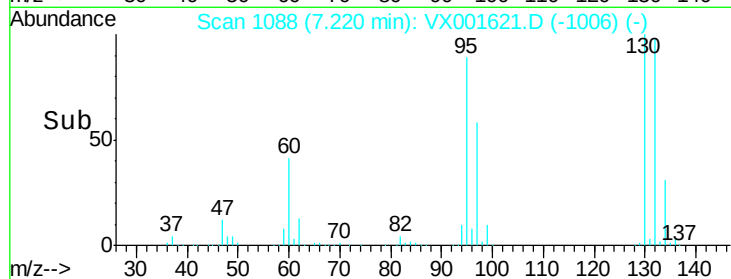
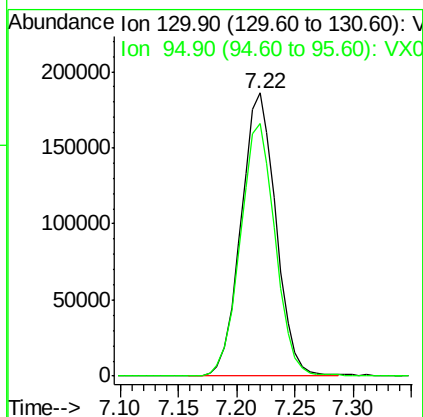
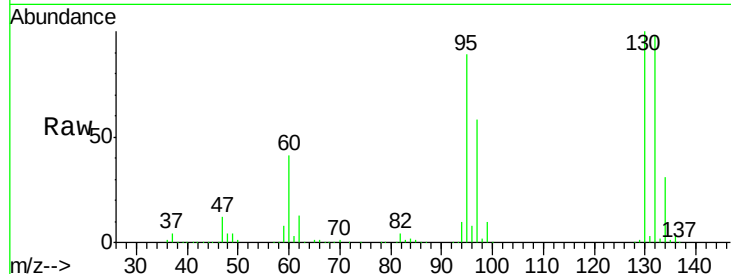




#37
 Trichloroethene
 Concen: 93.88 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

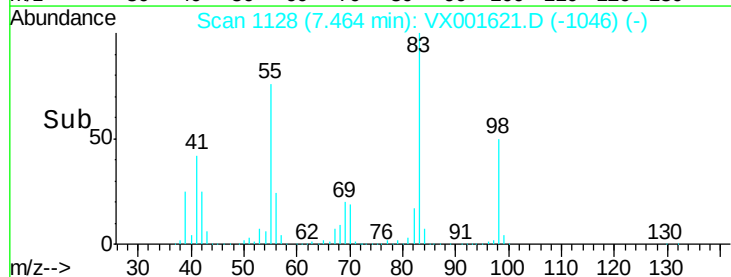
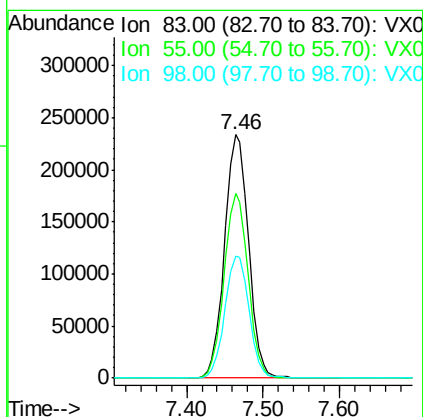
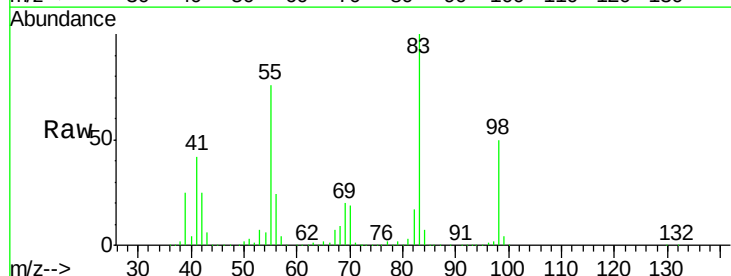
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

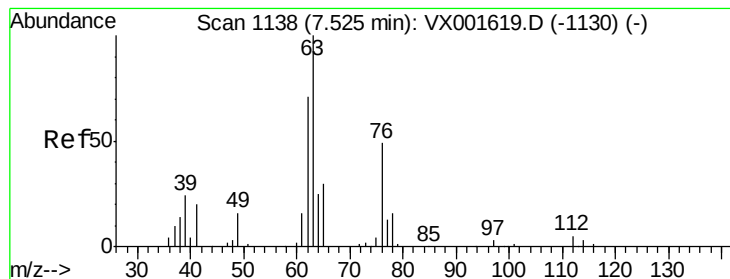
Tgt Ion:130 Resp: 390418
 Ion Ratio Lower Upper
 130 100
 95 89.2 71.4 107.2



#38
 Methylcyclohexane
 Concen: 95.19 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion: 83 Resp: 506641
 Ion Ratio Lower Upper
 83 100
 55 75.4 39.6 118.7
 98 50.7 25.0 75.0





#39

1,2-Dichloropropane

Concen: 91.65 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

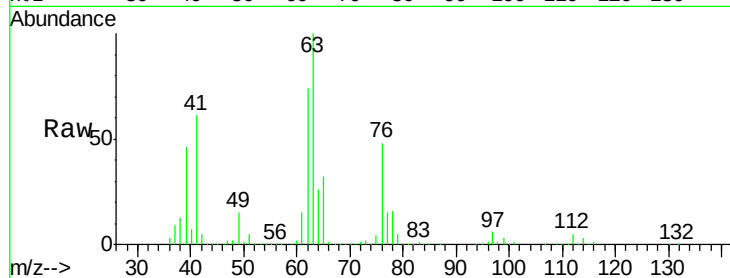
VSTDIC100

Tgt Ion: 63 Resp: 319364

Ion Ratio Lower Upper

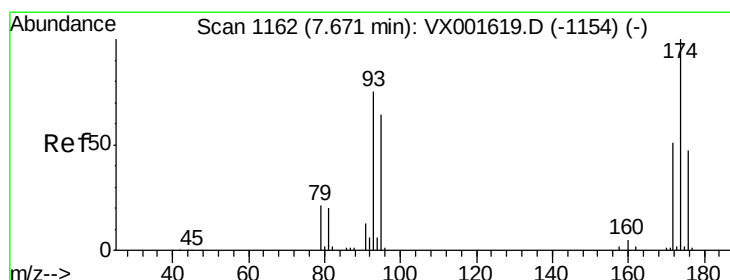
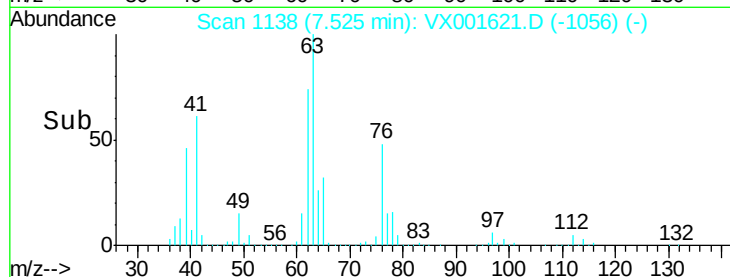
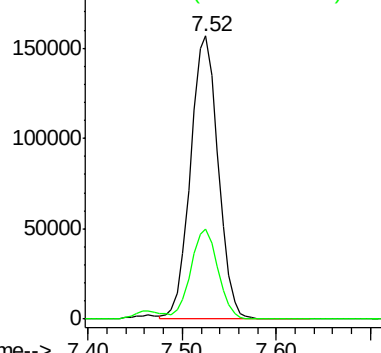
63 100

65 32.0 25.3 37.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 91.89 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

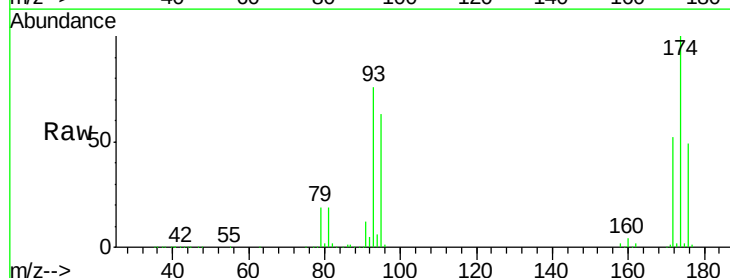
Tgt Ion: 93 Resp: 226144

Ion Ratio Lower Upper

93 100

95 83.2 0.0 166.2

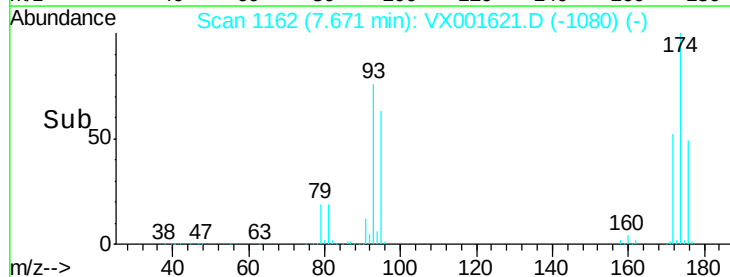
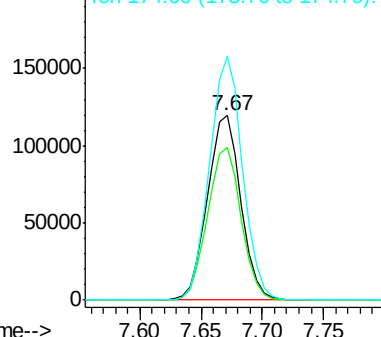
174 131.1 0.0 259.2

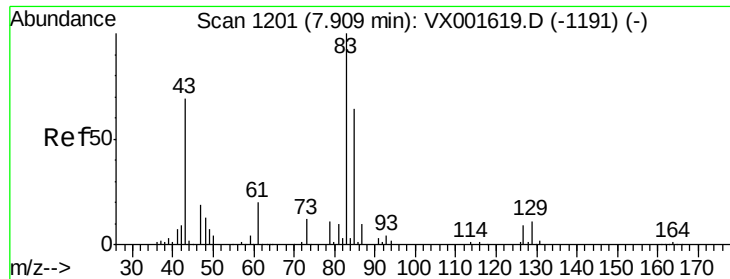


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 97.06 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

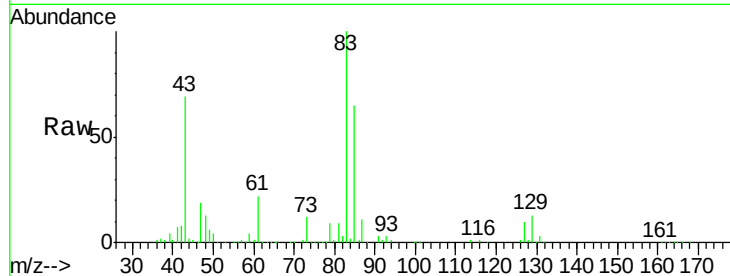
Tgt Ion: 83 Resp: 450914

Ion Ratio Lower Upper

83 100

85 64.9 51.3 76.9

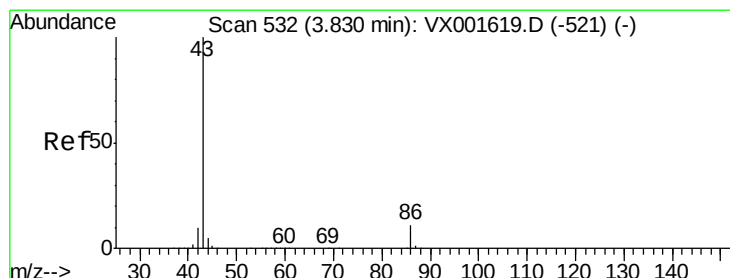
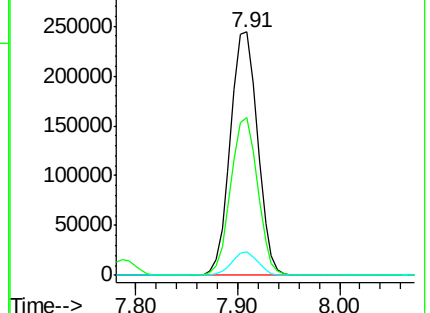
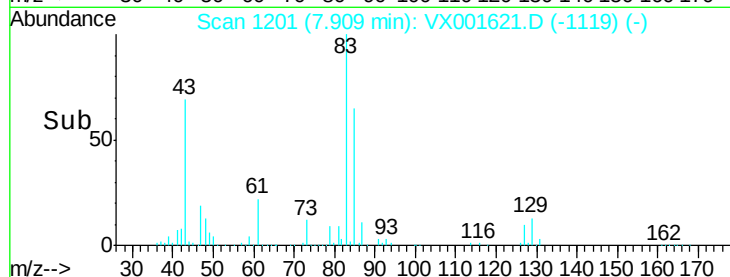
127 9.9 7.5 11.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 473.48 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001621.D

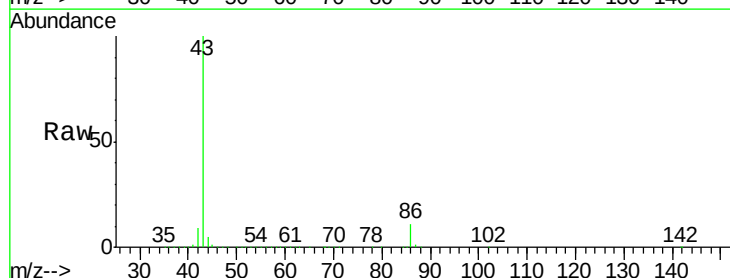
Acq: 11 May 2018 00:22

Tgt Ion: 43 Resp: 4419062

Ion Ratio Lower Upper

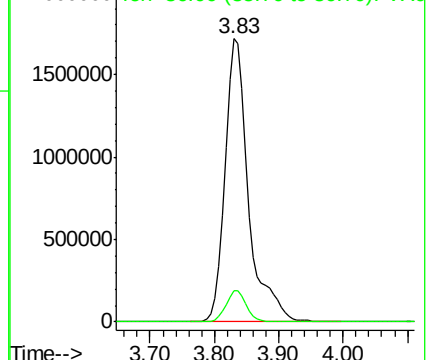
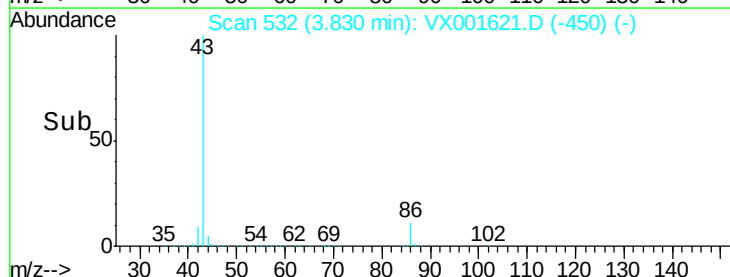
43 100

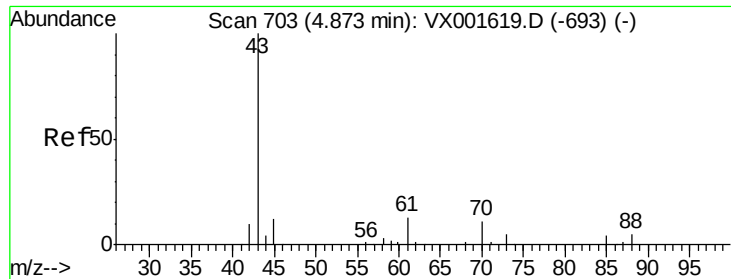
86 9.7 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 104.20 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

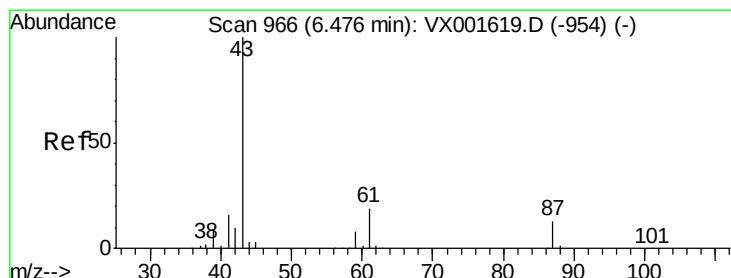
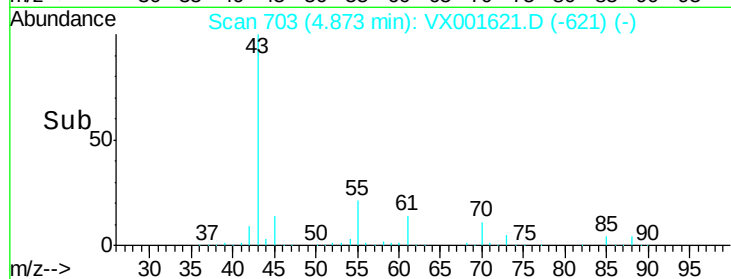
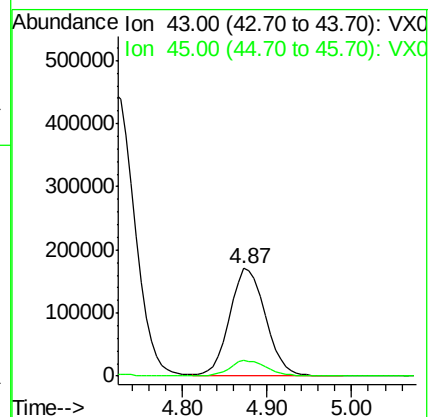
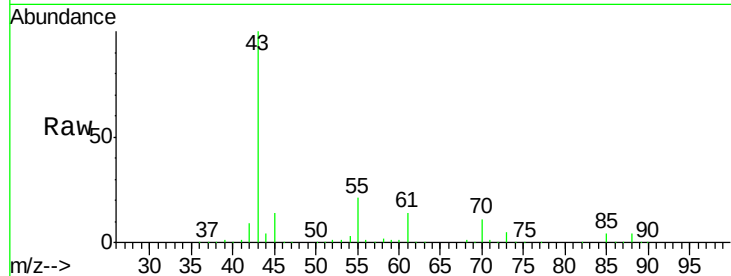
VSTDIC100

Tgt Ion: 43 Resp: 496726

Ion Ratio Lower Upper

43 100

45 15.3 12.7 19.1



#44

Isopropyl Acetate

Concen: 100.10 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001621.D

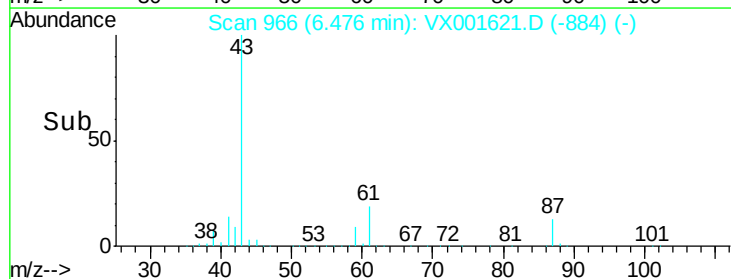
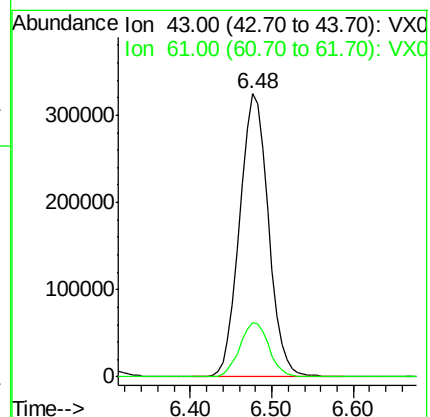
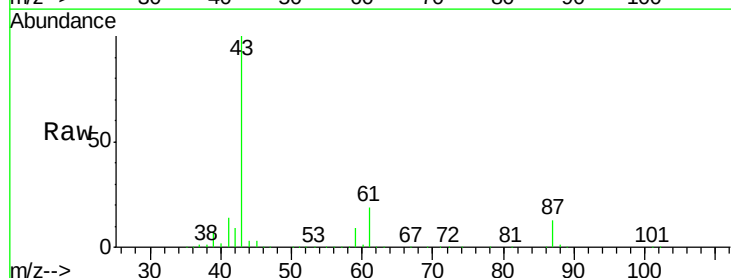
Acq: 11 May 2018 00:22

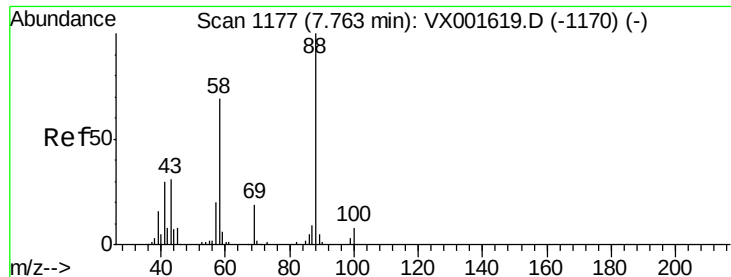
Tgt Ion: 43 Resp: 790219

Ion Ratio Lower Upper

43 100

61 19.5 15.1 22.7

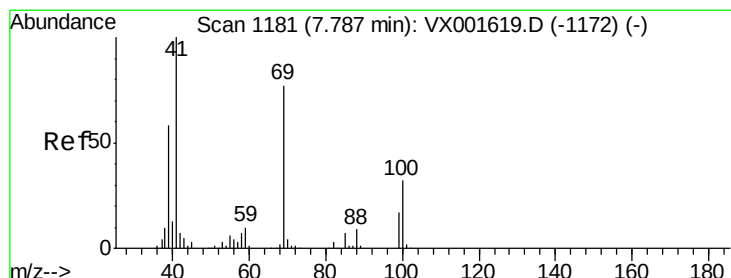
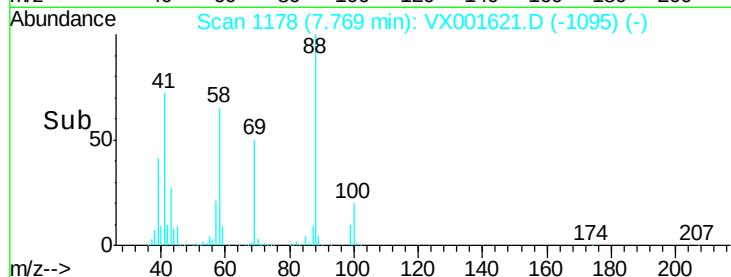
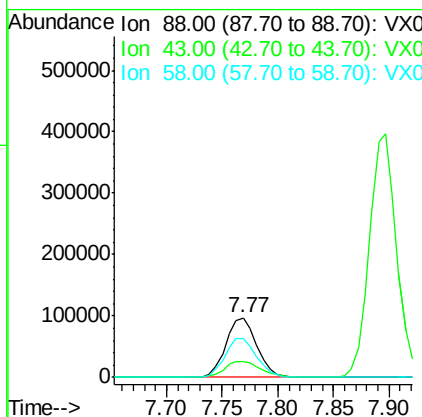
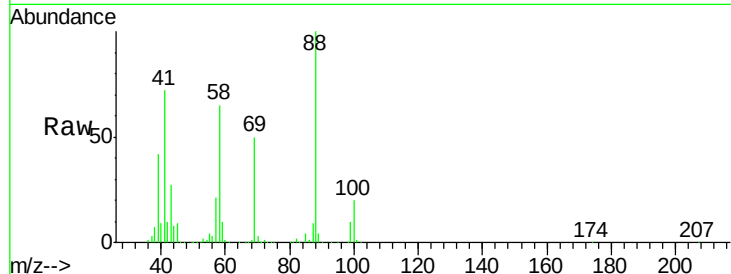




#45
 1,4-Dioxane
 Concen: 2400.26 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

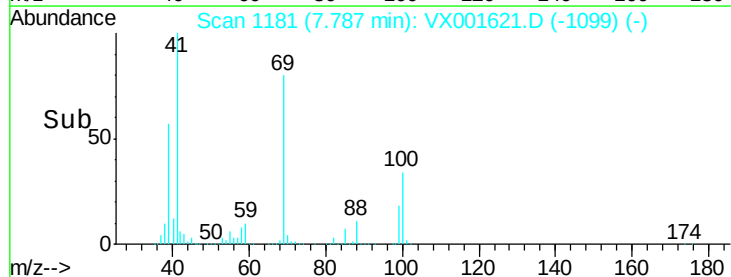
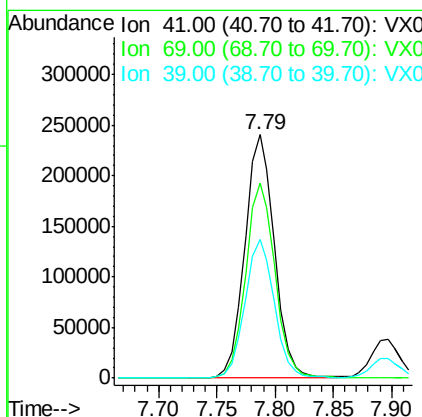
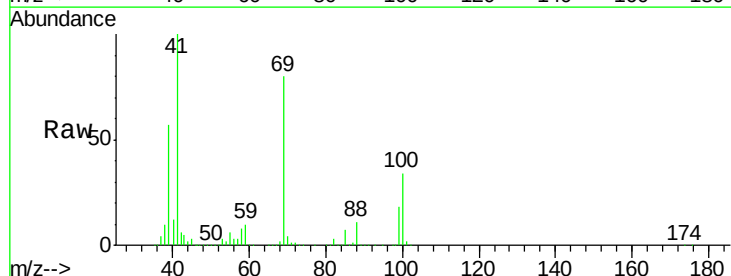
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

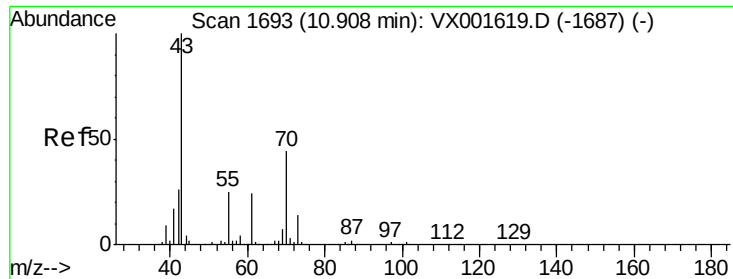
Tgt Ion: 88 Resp: 184310
 Ion Ratio Lower Upper
 88 100
 43 31.9 27.9 41.9
 58 67.8 55.3 82.9



#46
 Methyl methacrylate
 Concen: 102.71 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion: 41 Resp: 425812
 Ion Ratio Lower Upper
 41 100
 69 79.9 38.4 115.2
 39 57.0 29.0 87.1





#47

n-amyI Acetate

Concen: 96.25 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

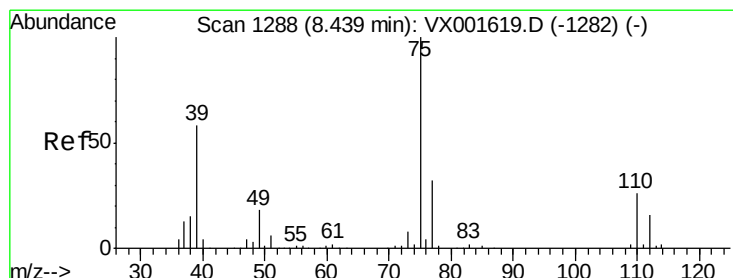
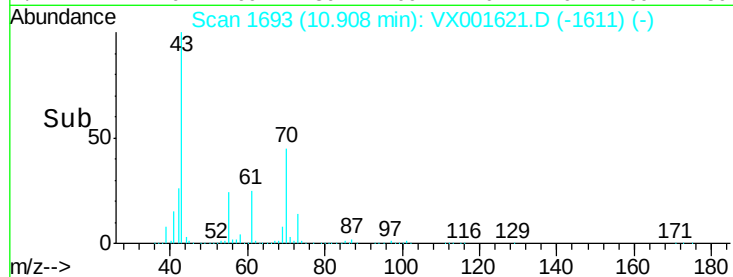
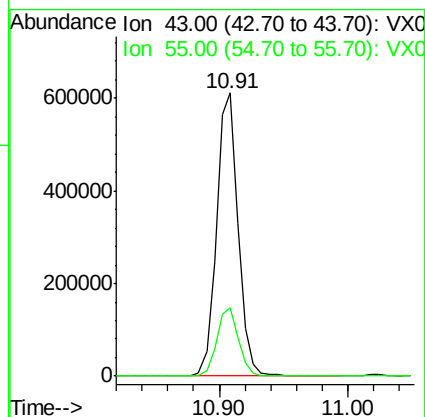
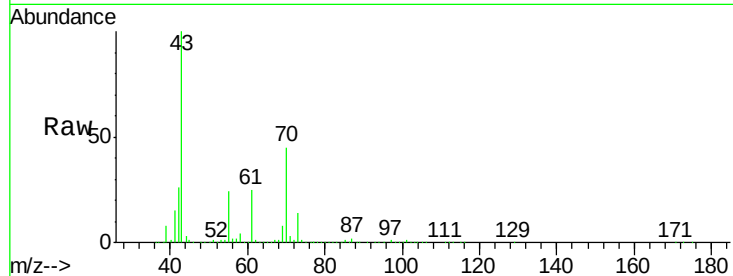
VSTDIC100

Tgt Ion: 43 Resp: 716704

Ion Ratio Lower Upper

43 100

55 24.3 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 95.93 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001621.D

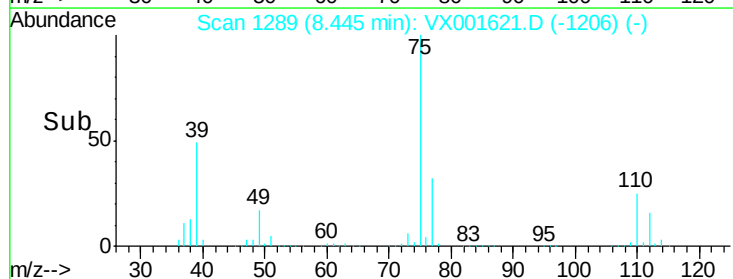
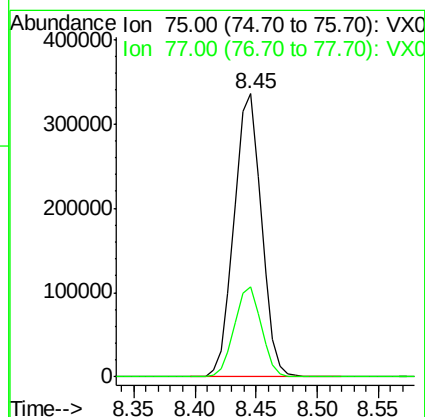
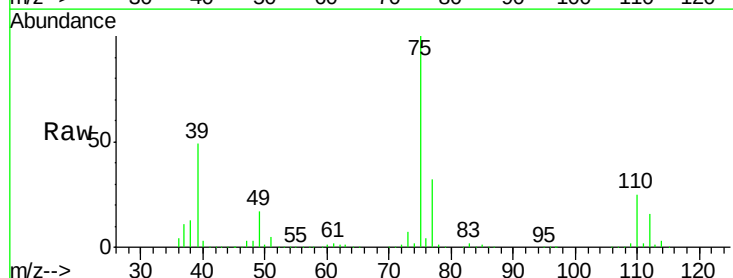
Acq: 11 May 2018 00:22

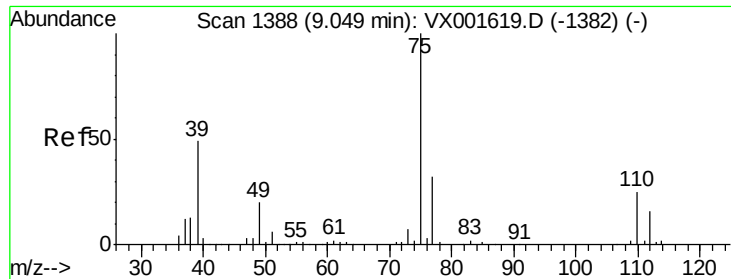
Tgt Ion: 75 Resp: 519007

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

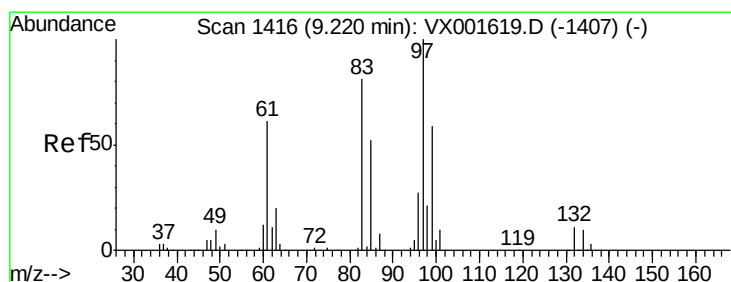
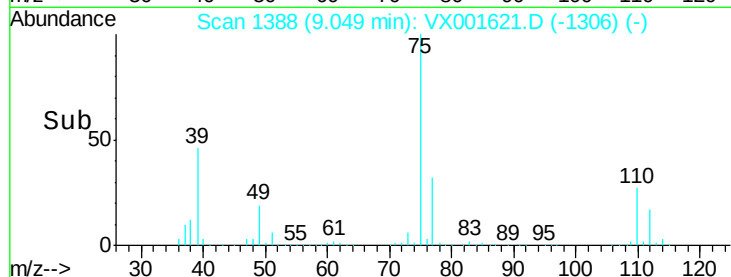
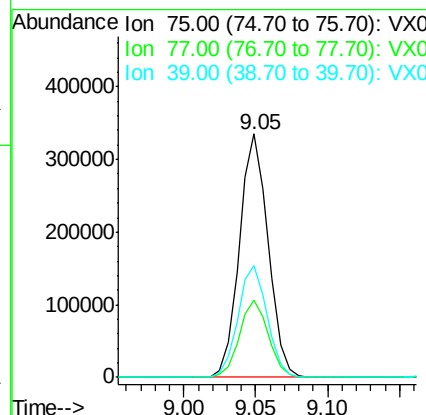
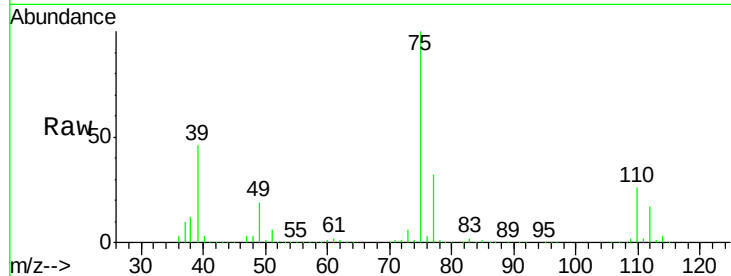




#49
 cis-1,3-Dichloropropene
 Concen: 91.33 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

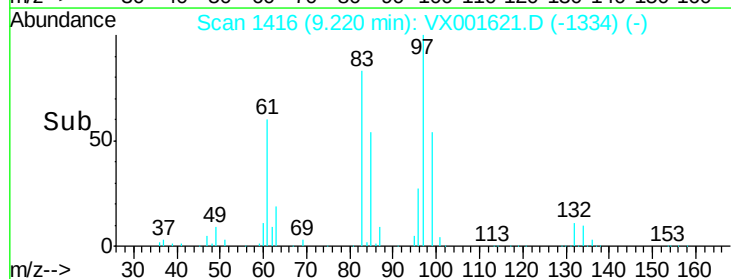
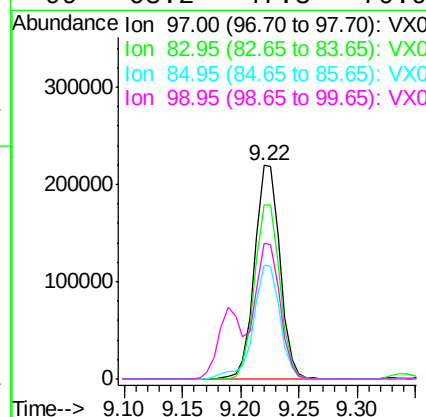
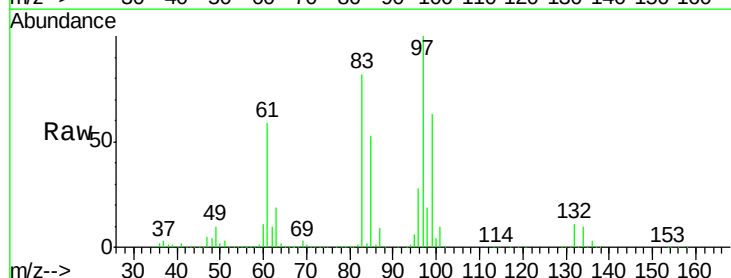
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

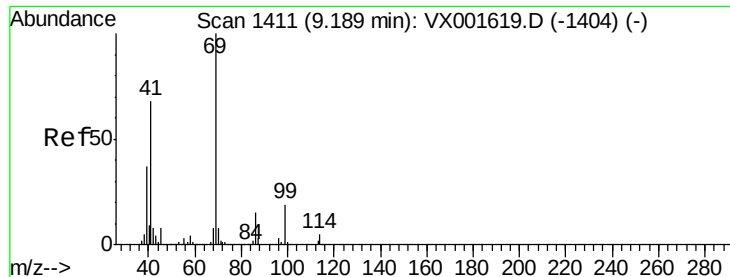
Tgt Ion: 75 Resp: 465882
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.6
 39 45.9 39.4 59.0



#50
 1,1,2-Trichloroethane
 Concen: 91.30 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion: 97 Resp: 333996
 Ion Ratio Lower Upper
 97 100
 83 81.7 65.0 97.6
 85 53.2 41.5 62.3
 99 63.2 47.3 70.9





#51

Ethyl methacrylate

Concen: 100.16 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

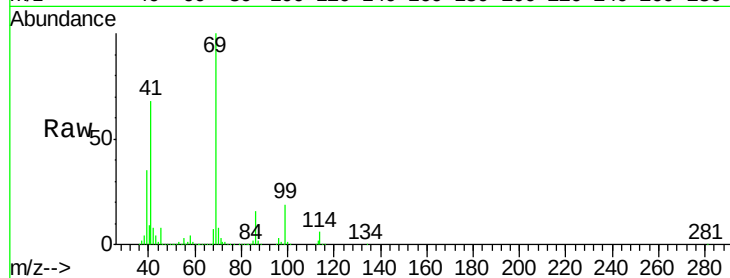
Tgt Ion: 69 Resp: 521358

Ion Ratio Lower Upper

69 100

41 68.3 33.9 101.6

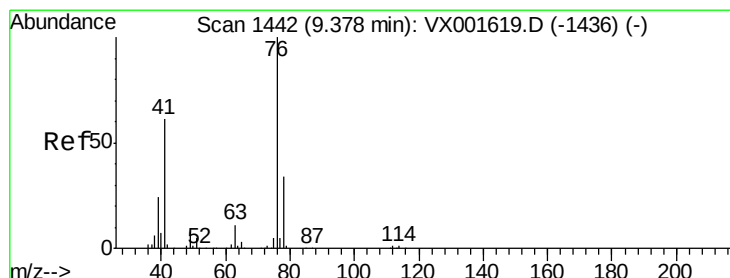
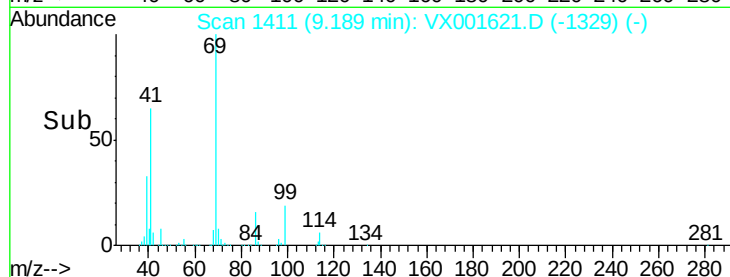
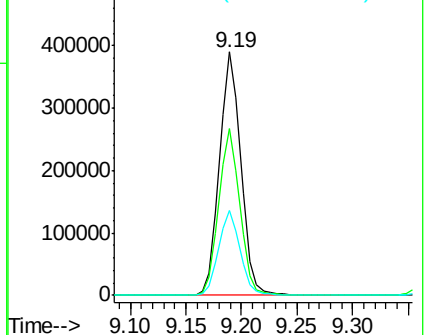
39 34.6 18.4 55.2



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



#52

1,3-Dichloropropane

Concen: 93.29 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001621.D

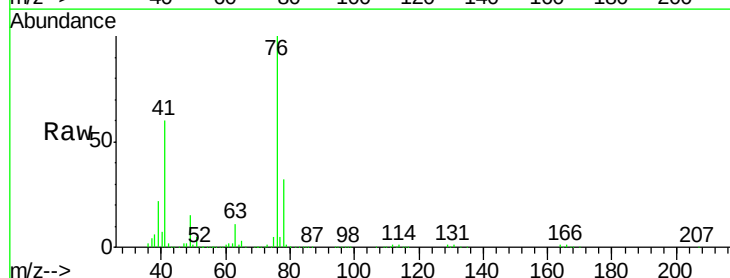
Acq: 11 May 2018 00:22

Tgt Ion: 76 Resp: 553092

Ion Ratio Lower Upper

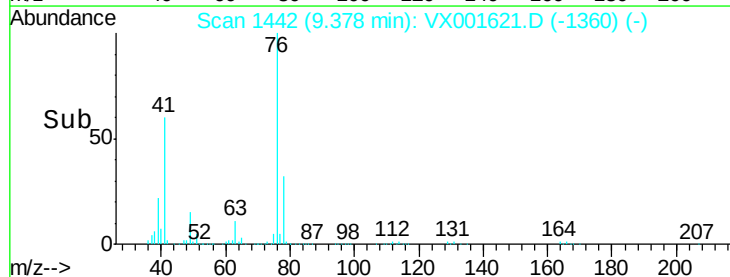
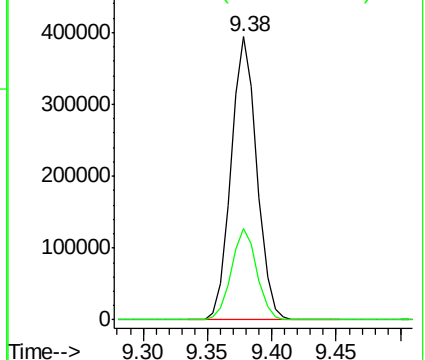
76 100

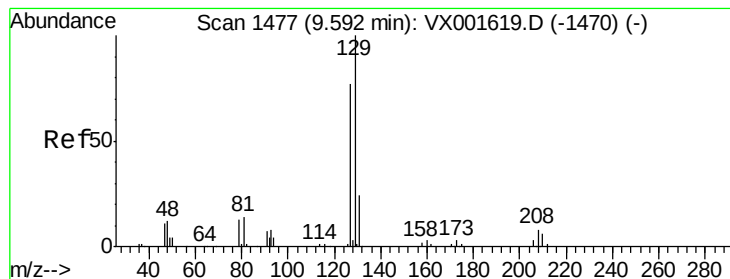
78 31.7 0.0 65.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 94.26 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

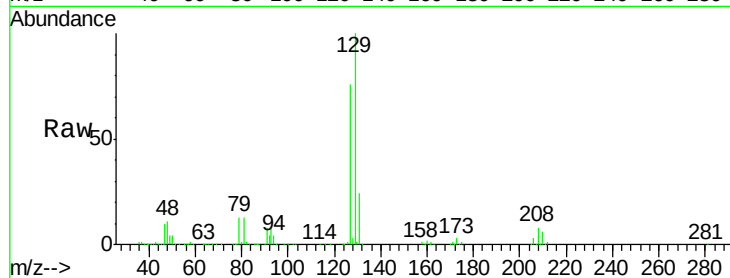
VSTDIC100

Tgt Ion:129 Resp: 377101

Ion Ratio Lower Upper

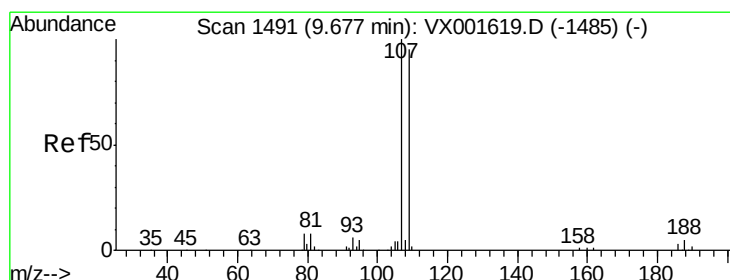
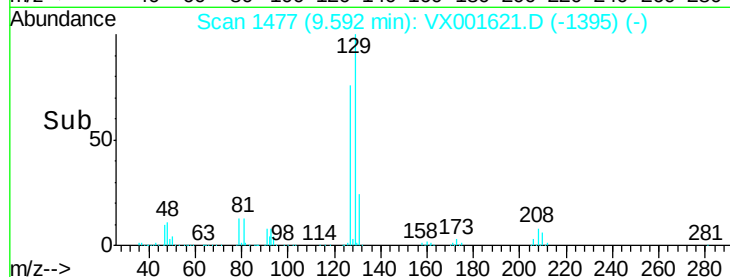
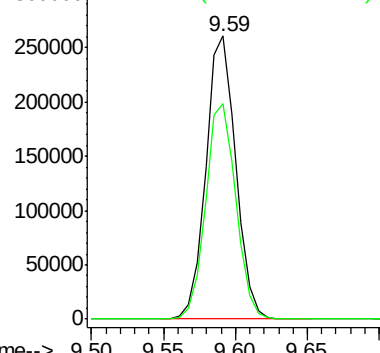
129 100

127 77.0 37.9 113.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 90.88 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001621.D

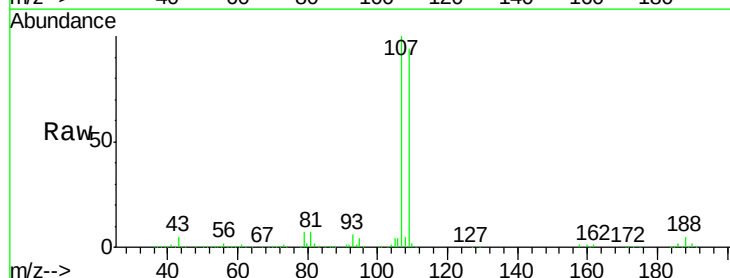
Acq: 11 May 2018 00:22

Tgt Ion:107 Resp: 357018

Ion Ratio Lower Upper

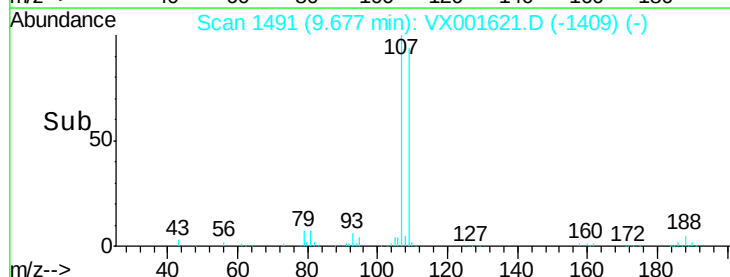
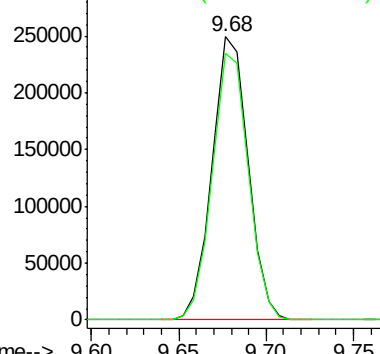
107 100

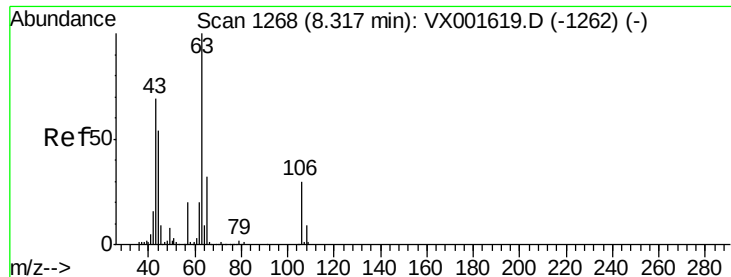
109 95.0 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



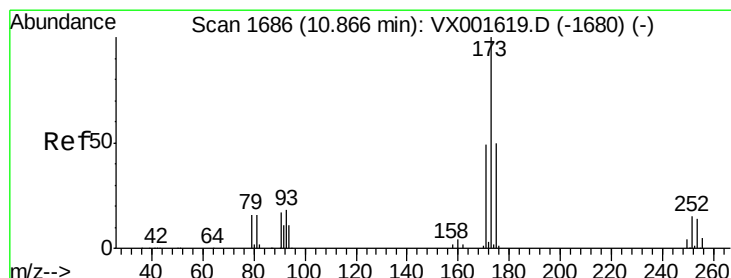
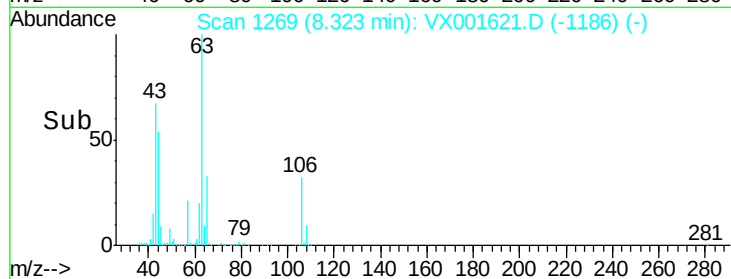
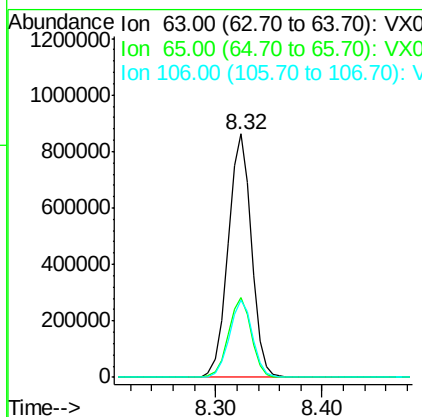
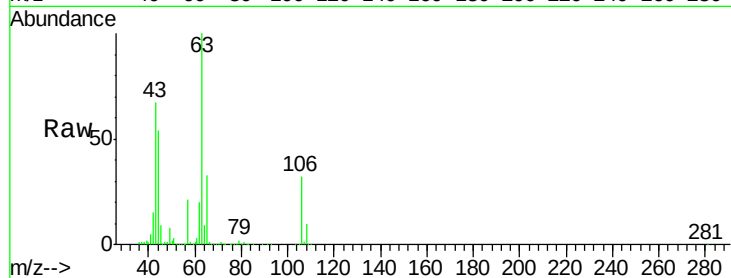


#55
 2-Chloroethyl vinyl ether
 Concen: 509.39 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 63 Resp: 1320900

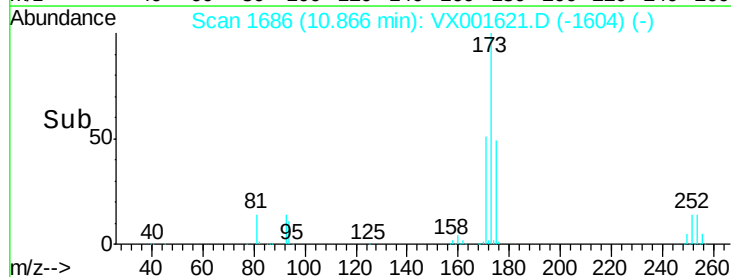
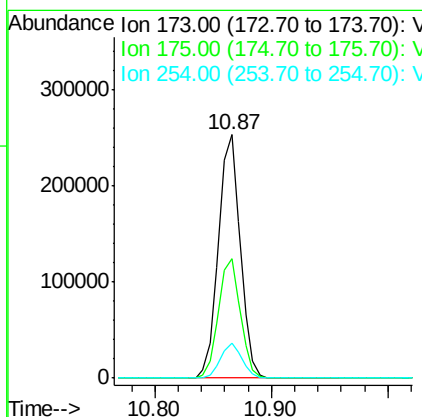
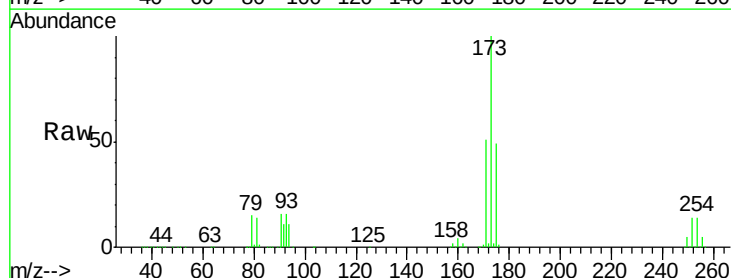
Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.8	38.8
106	31.4	24.8	37.2

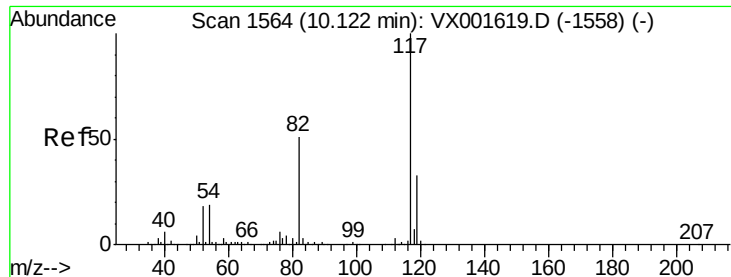


#56
 Bromoform
 Concen: 99.72 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion: 173 Resp: 327118

Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.8	59.8
254	14.0	10.7	16.1

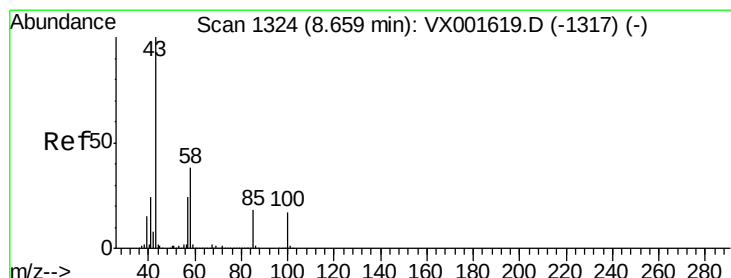
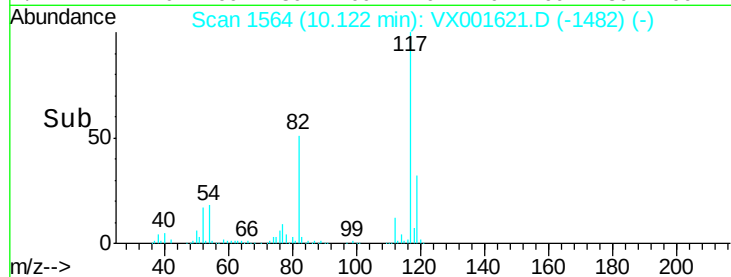
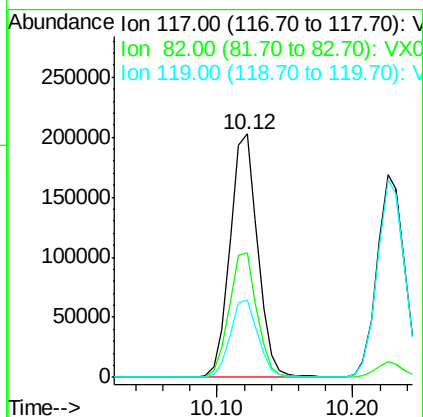
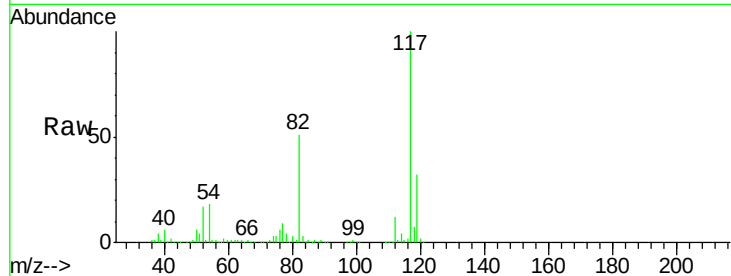




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

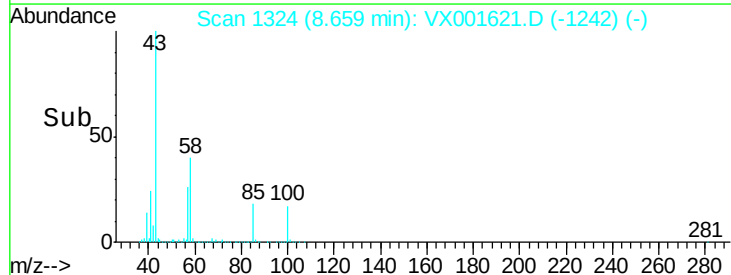
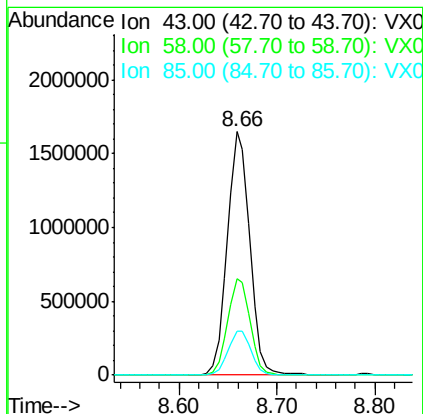
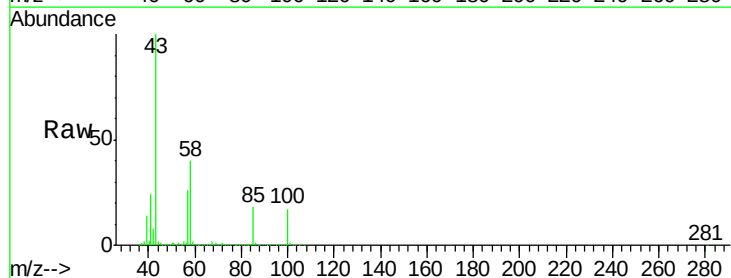
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

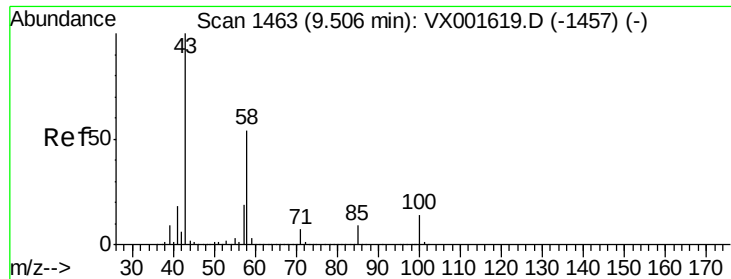
Tgt Ion: 117 Resp: 286791
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.2
119 31.9 26.3 39.5



#58
4-Methyl-2-Pentanone
Concen: 535.21 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion: 43 Resp: 2628826
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6
85 18.5 14.3 21.5

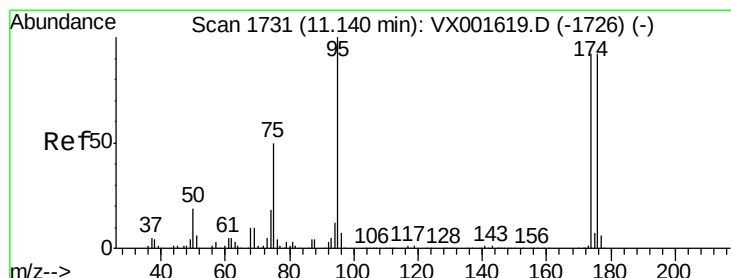
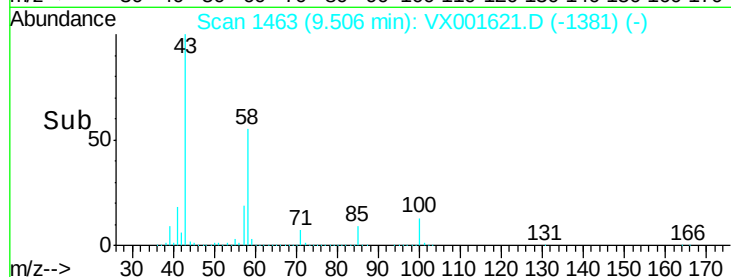
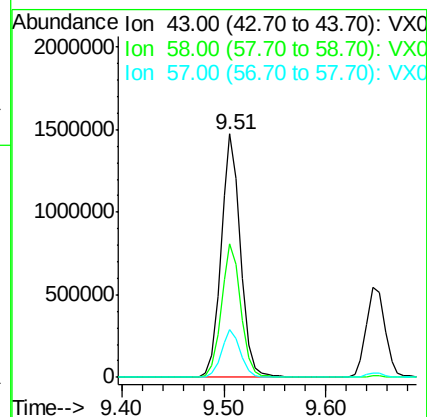
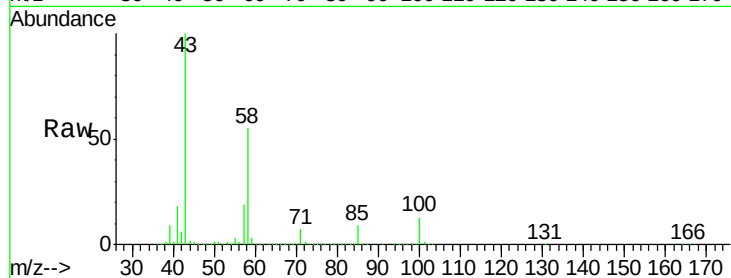




#59
2-Hexanone
Concen: 517.44 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

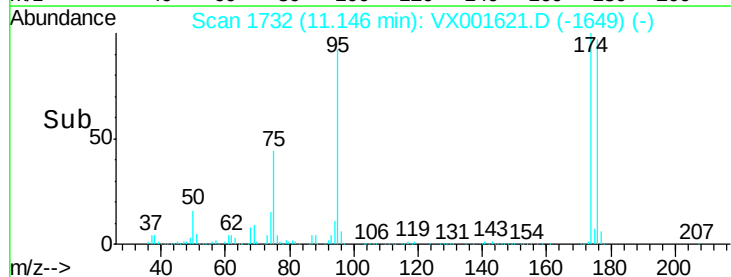
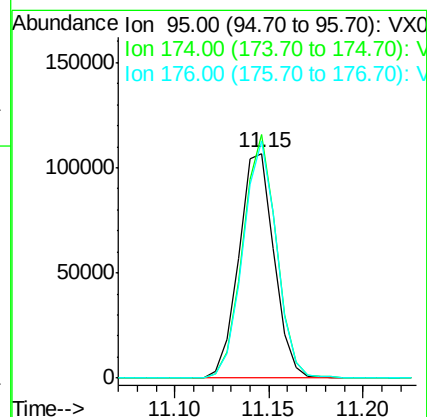
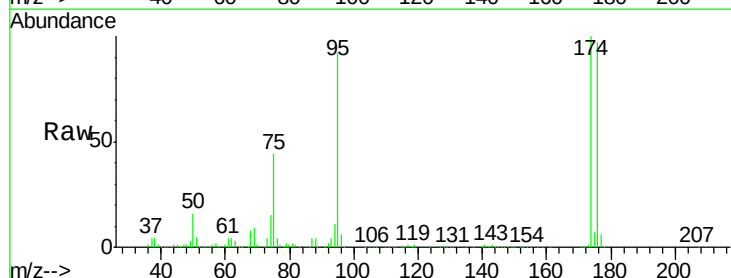
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

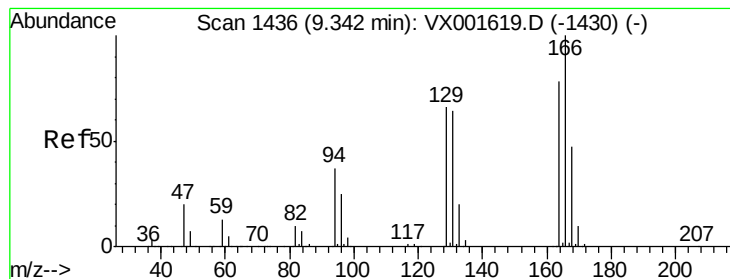
Tgt Ion: 43 Resp: 1967084
Ion Ratio Lower Upper
43 100
58 55.1 43.0 64.4
57 19.2 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.04 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion: 95 Resp: 138687
Ion Ratio Lower Upper
95 100
174 103.0 80.2 120.2
176 100.7 79.2 118.8





#61

Tetrachloroethene

Concen: 101.54 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 444454

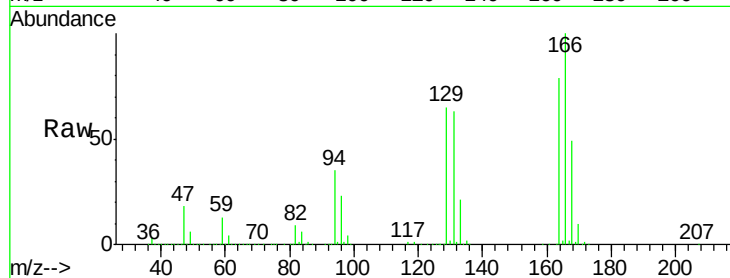
Ion Ratio Lower Upper

164 100

166 126.8 102.8 154.2

129 82.4 67.8 101.8

131 79.3 66.2 99.2



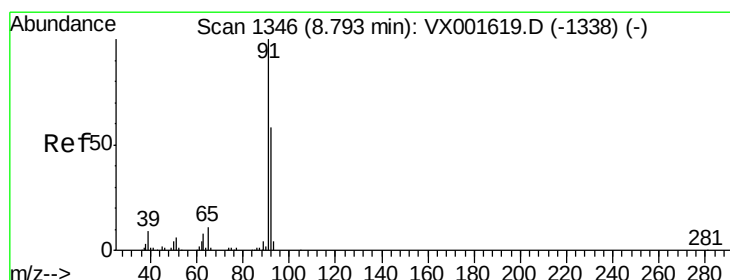
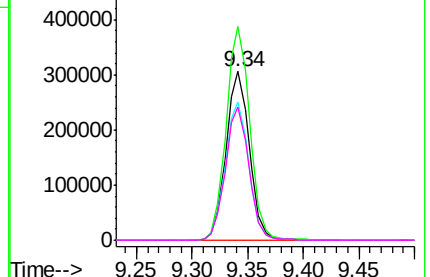
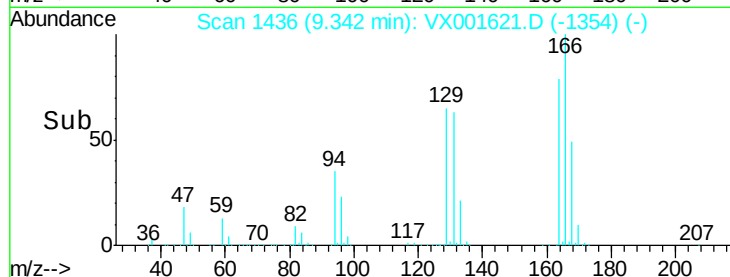
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V

Time-->



#62

Toluene

Concen: 94.96 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001621.D

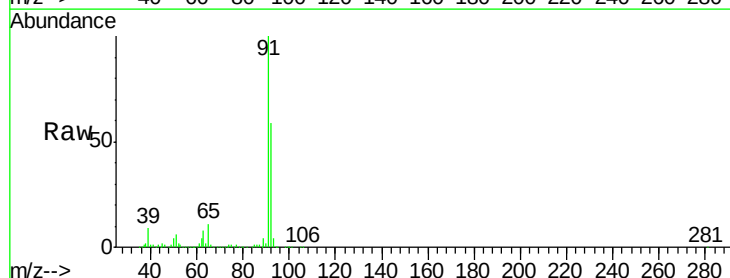
Acq: 11 May 2018 00:22

Tgt Ion: 91 Resp: 1453026

Ion Ratio Lower Upper

91 100

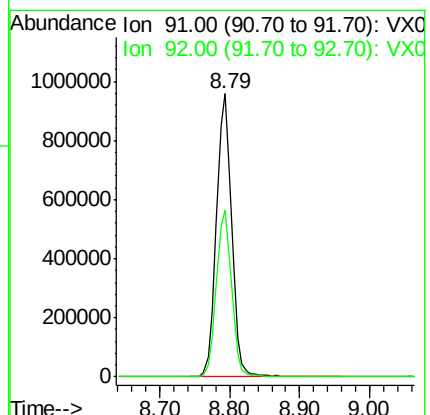
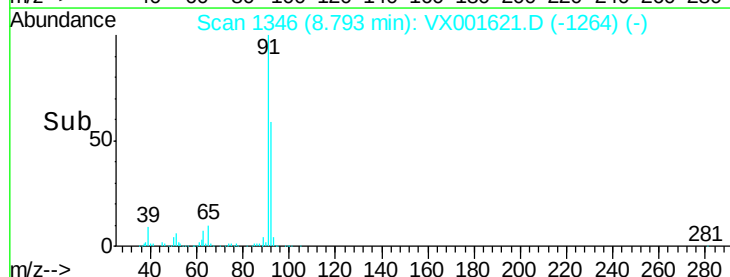
92 59.3 47.4 71.0

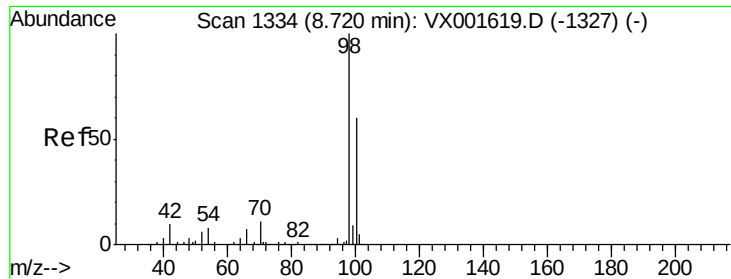


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Time-->

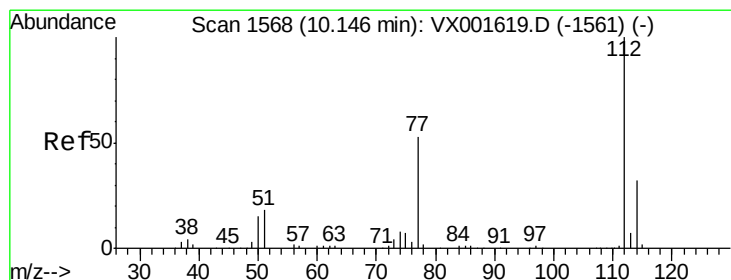
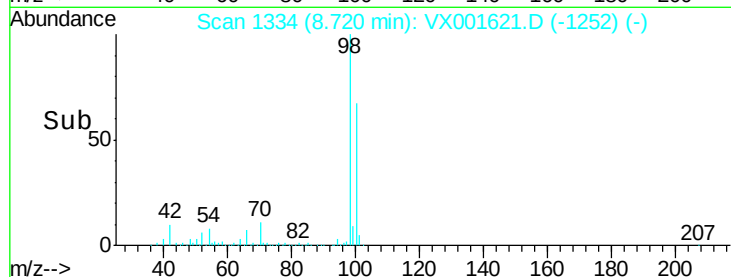
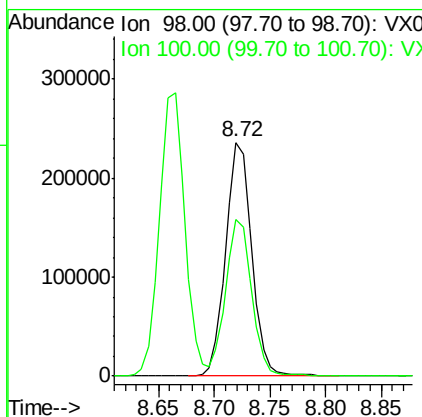
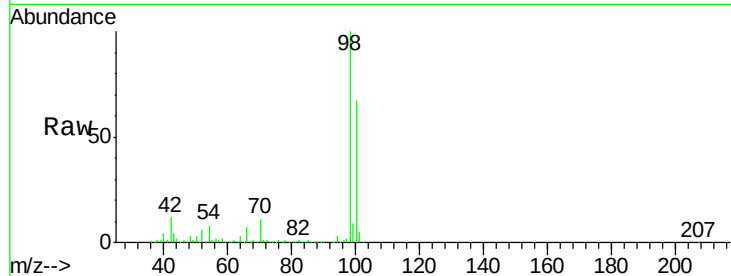




#63
Toluene-d8
Concen: 30.80 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

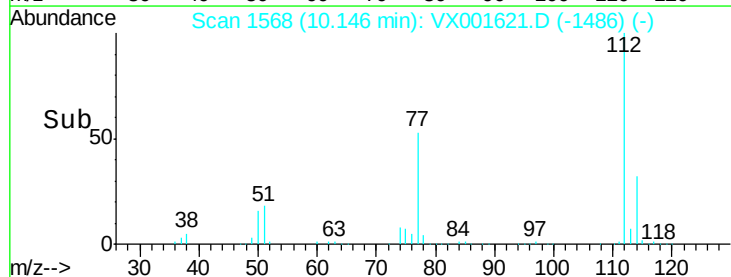
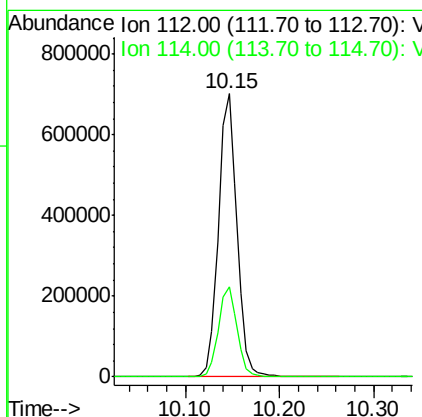
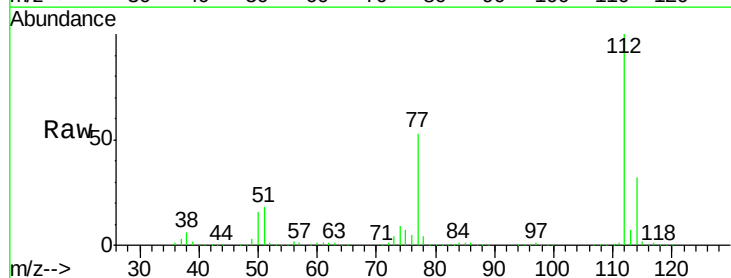
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

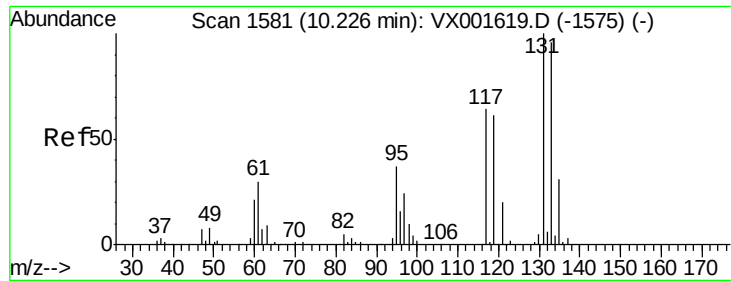
Tgt Ion: 98 Resp: 382627
Ion Ratio Lower Upper
98 100
100 66.8 52.2 78.2



#64
Chlorobenzene
Concen: 92.54 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion: 112 Resp: 953380
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 96.09 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

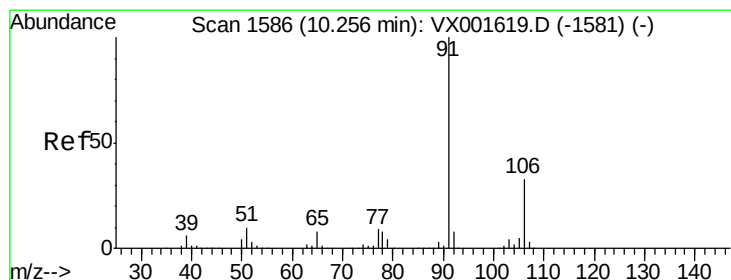
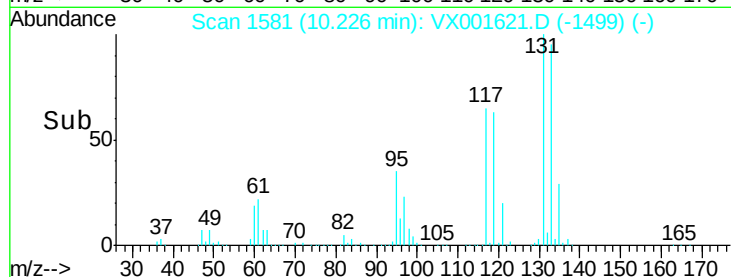
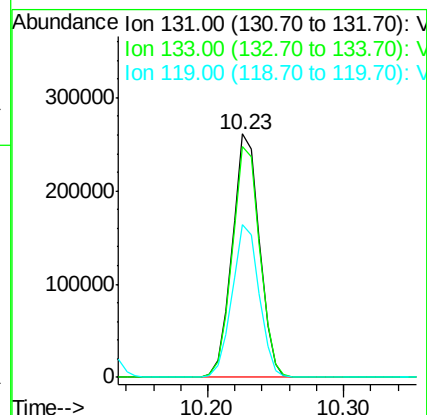
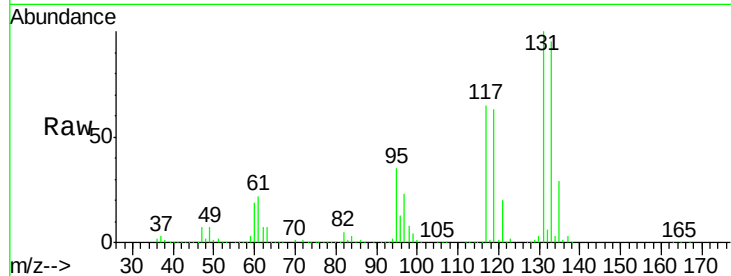
Tgt Ion:131 Resp: 361649

Ion Ratio Lower Upper

131 100

133 96.1 0.0 191.4

119 62.6 0.0 124.2



#66

Ethyl Benzene

Concen: 93.95 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001621.D

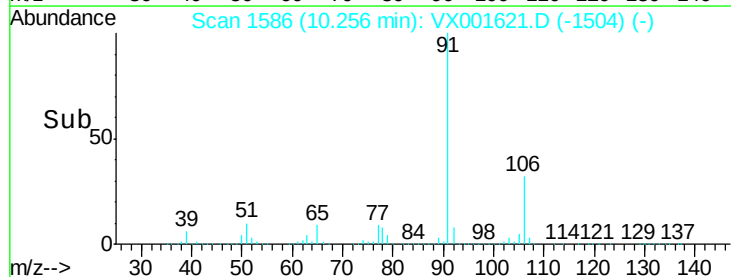
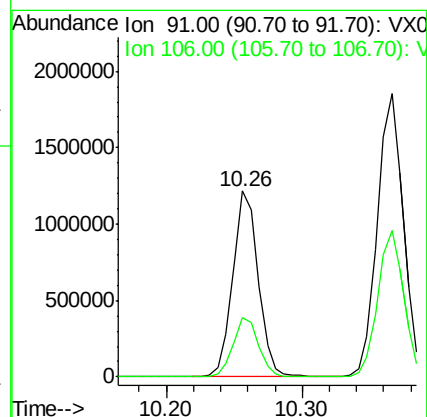
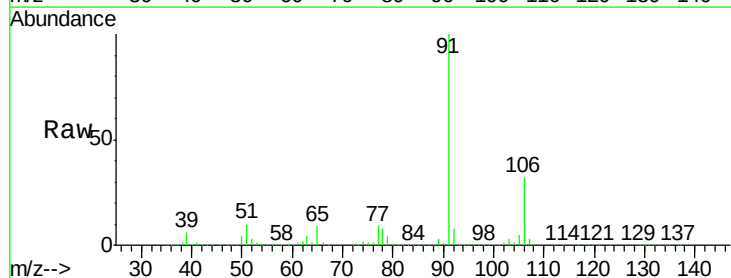
Acq: 11 May 2018 00:22

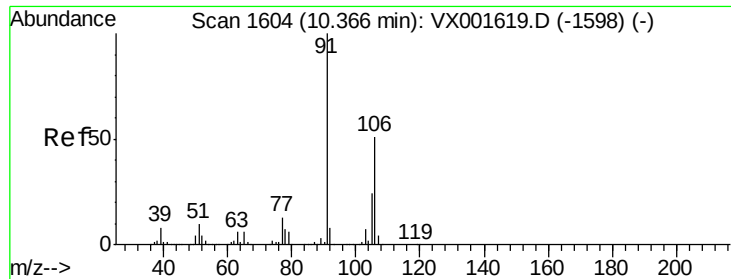
Tgt Ion: 91 Resp: 1585010

Ion Ratio Lower Upper

91 100

106 31.9 26.2 39.4





#67

m/p-Xylenes

Concen: 187.98 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

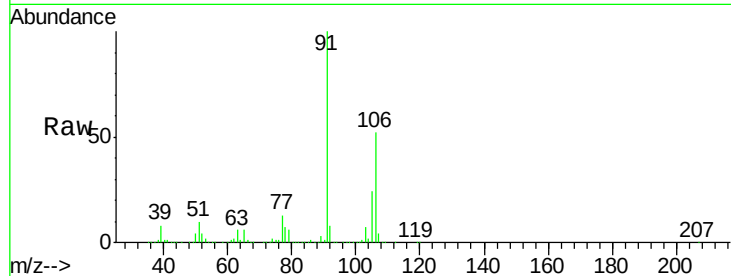
VSTDIC100

Tgt Ion:106 Resp: 1267292

Ion Ratio Lower Upper

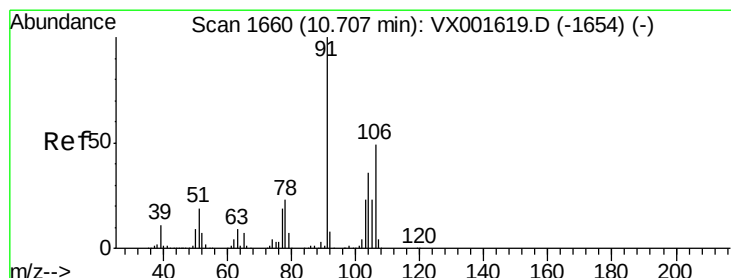
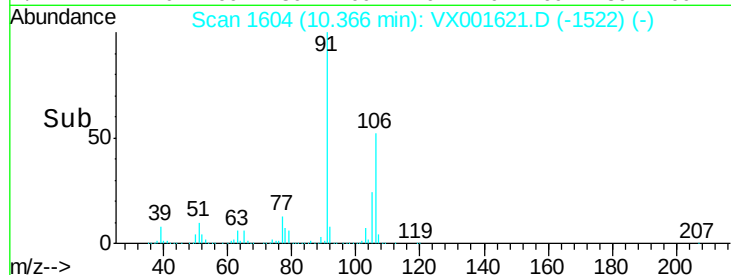
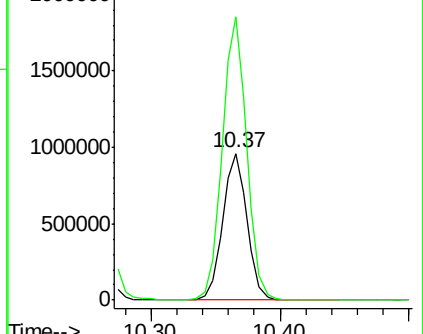
106 100

91 194.8 157.8 236.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 95.36 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX001621.D

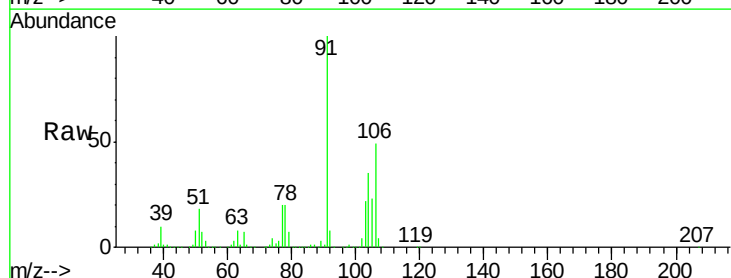
Acq: 11 May 2018 00:22

Tgt Ion:106 Resp: 620517

Ion Ratio Lower Upper

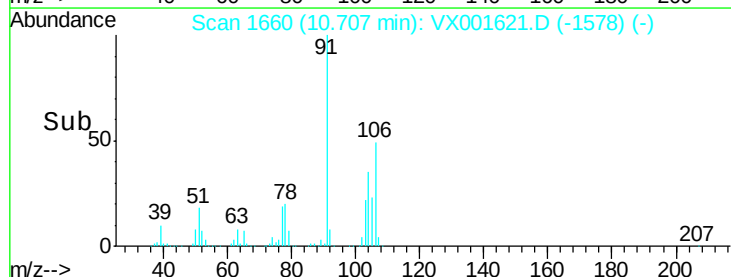
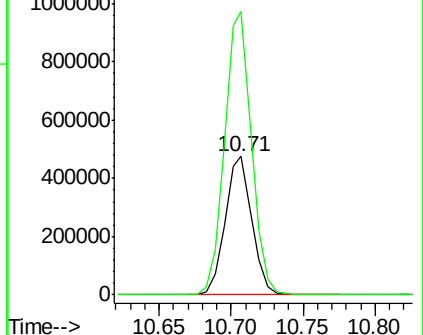
106 100

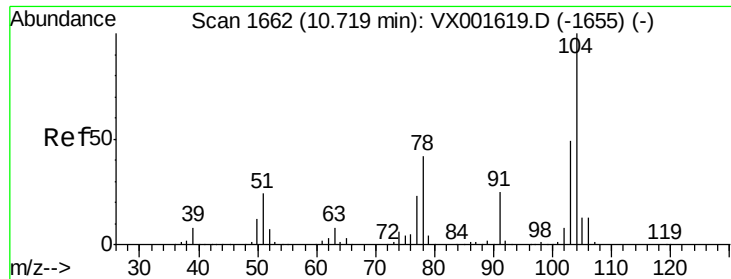
91 206.2 104.3 312.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 96.01 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

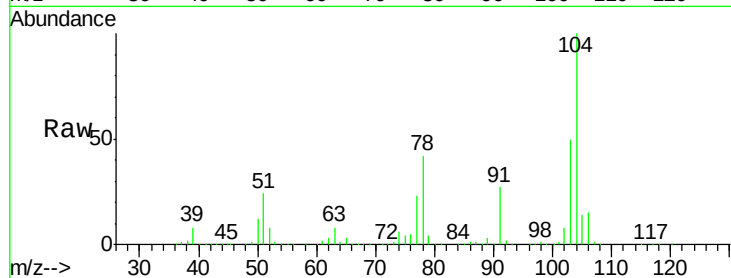
Tgt Ion:104 Resp: 1040033

Ion Ratio Lower Upper

104 100

78 47.1 39.3 58.9

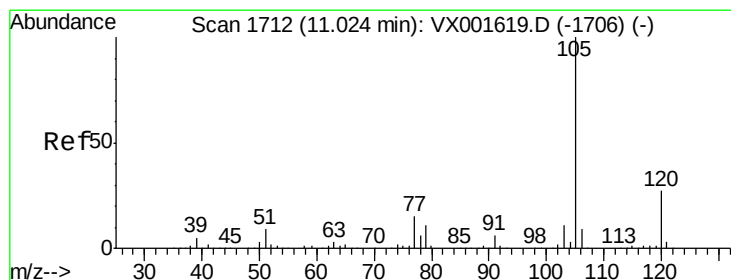
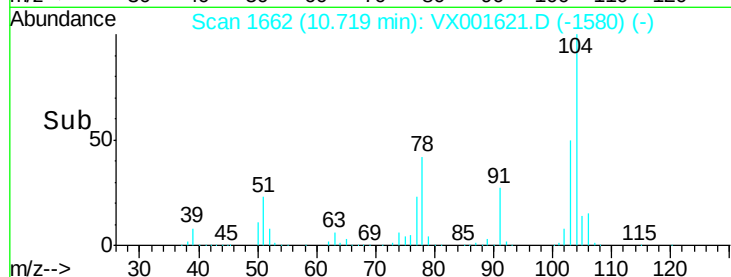
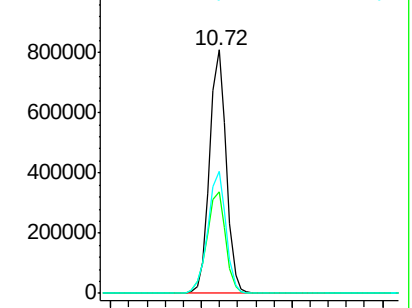
103 54.5 43.7 65.5



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



#70

Isopropylbenzene

Concen: 93.48 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001621.D

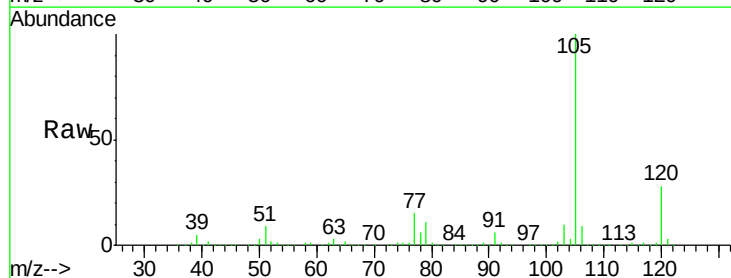
Acq: 11 May 2018 00:22

Tgt Ion:105 Resp: 1644114

Ion Ratio Lower Upper

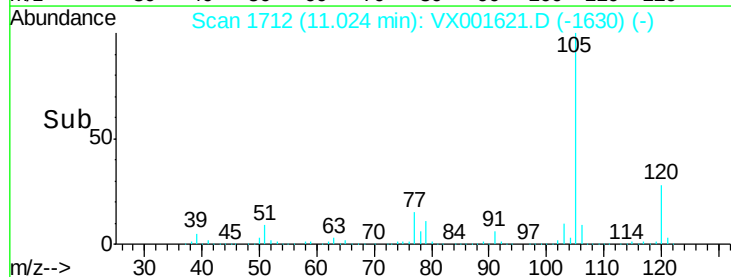
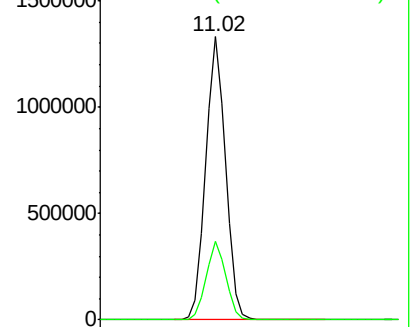
105 100

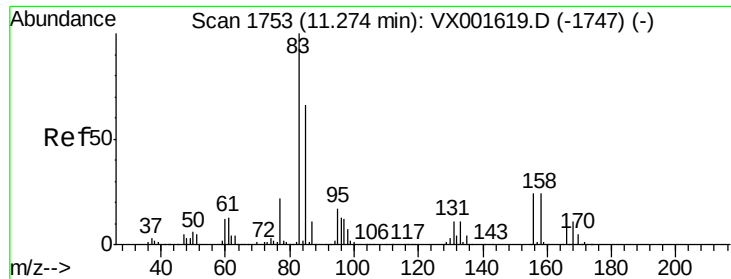
120 27.6 19.1 35.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

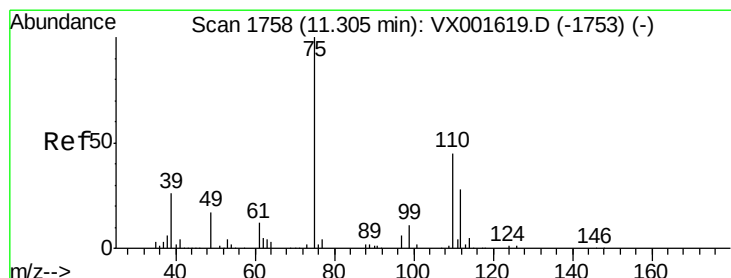
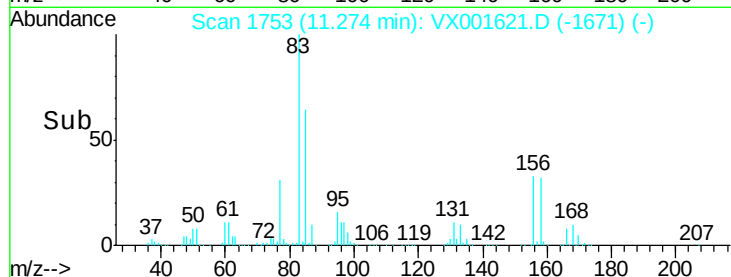
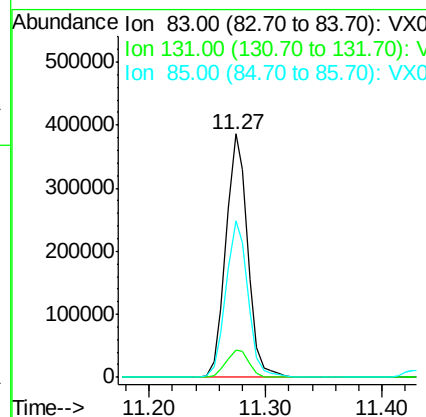
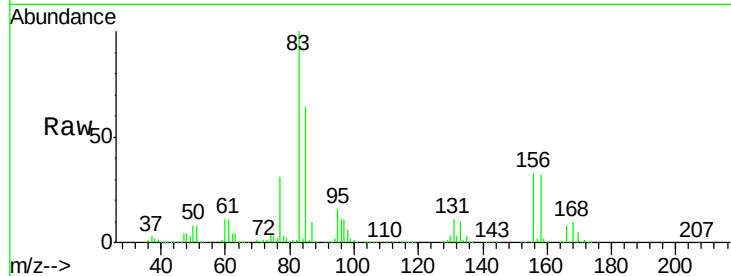




#71
 1,1,2,2-Tetrachloroethane
 Concen: 94.64 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

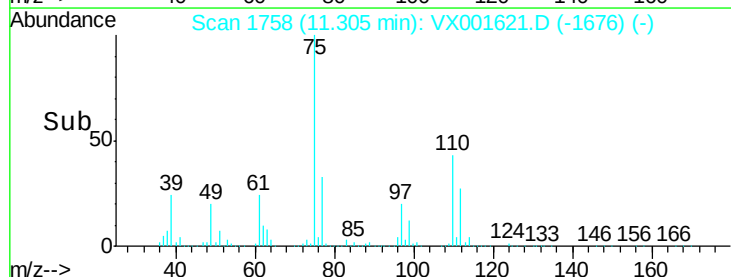
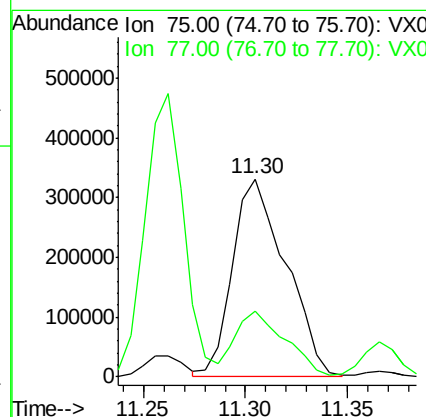
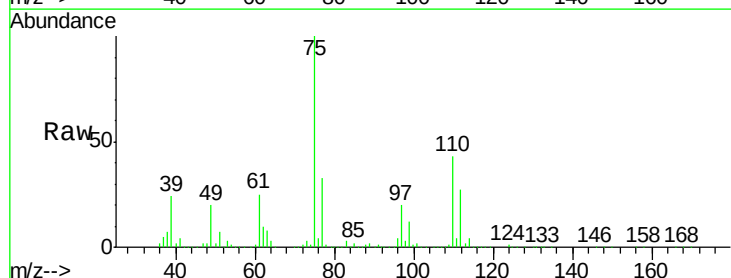
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

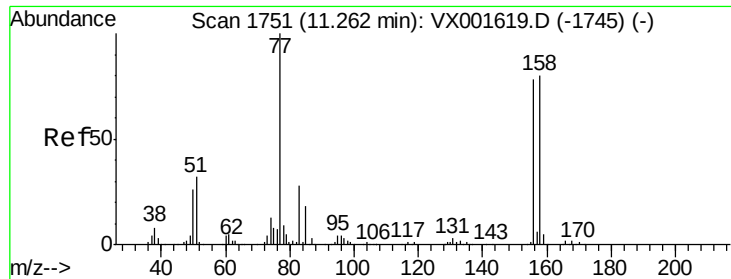
Tgt Ion: 83 Resp: 499354
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.8 17.4
 85 65.0 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 126.06 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion: 75 Resp: 599784
 Ion Ratio Lower Upper
 75 100
 77 31.2 0.0 73.2





#73

Bromobenzene

Concen: 91.78 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

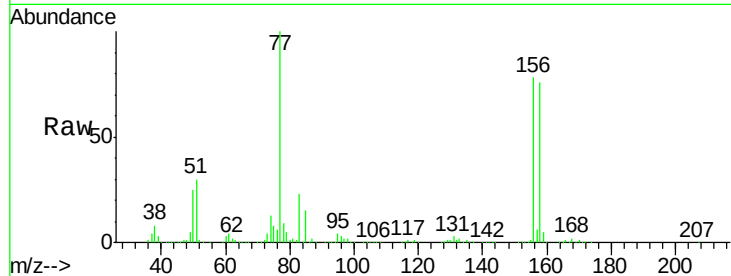
Tgt Ion:156 Resp: 471529

Ion Ratio Lower Upper

156 100

77 131.6 0.0 266.4

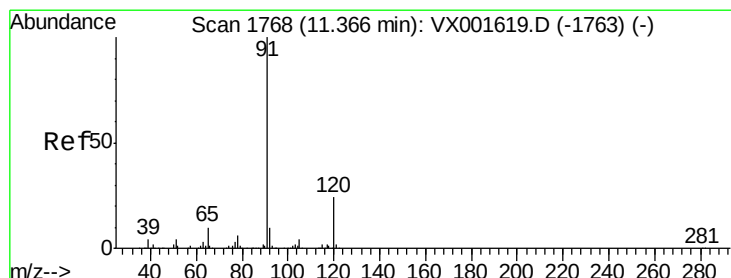
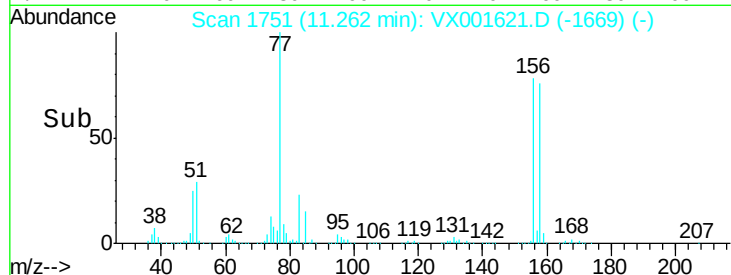
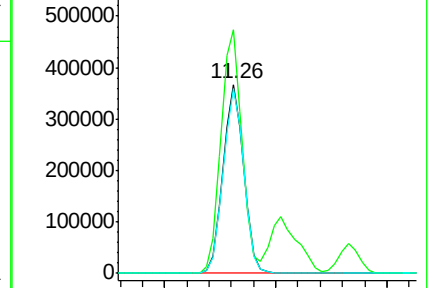
158 97.9 0.0 194.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 93.90 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001621.D

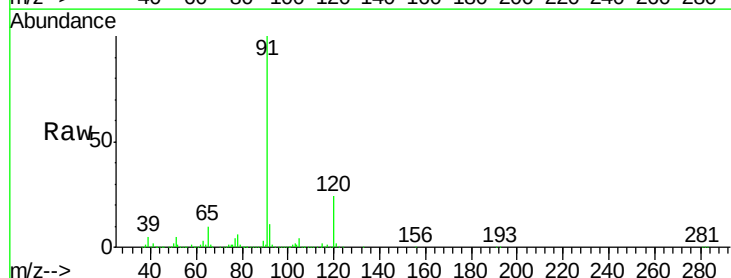
Acq: 11 May 2018 00:22

Tgt Ion: 91 Resp: 1860730

Ion Ratio Lower Upper

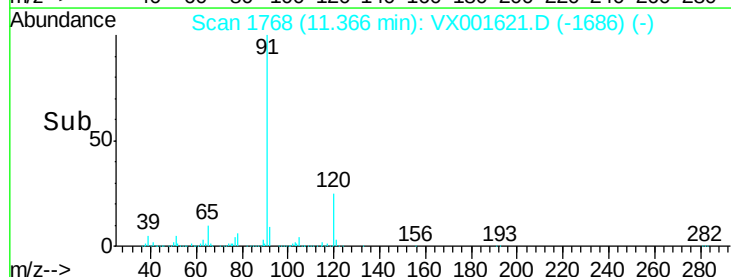
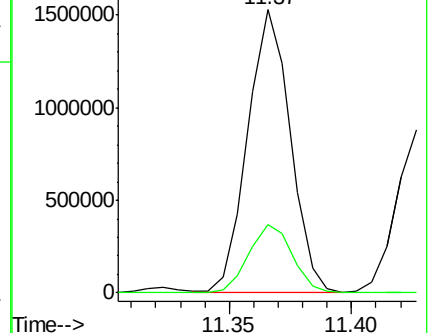
91 100

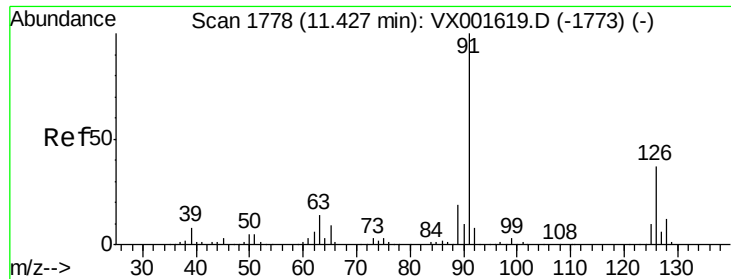
120 24.6 0.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 91.35 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

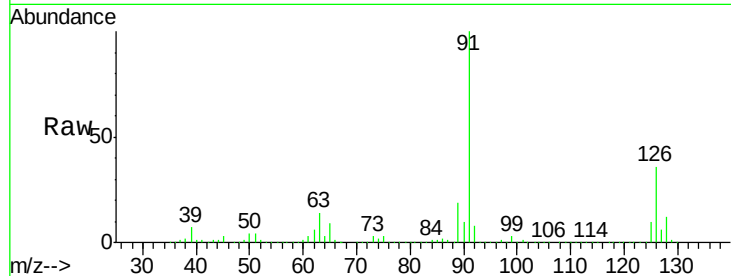
VSTDIC100

Tgt Ion: 91 Resp: 1100665

Ion Ratio Lower Upper

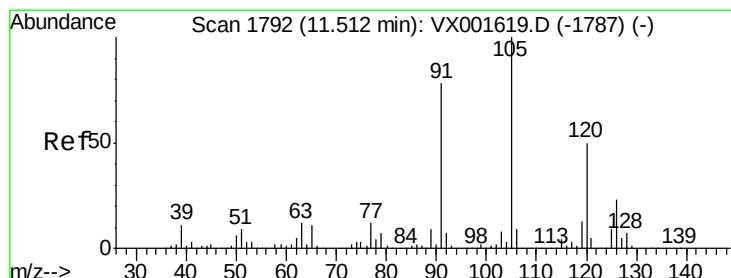
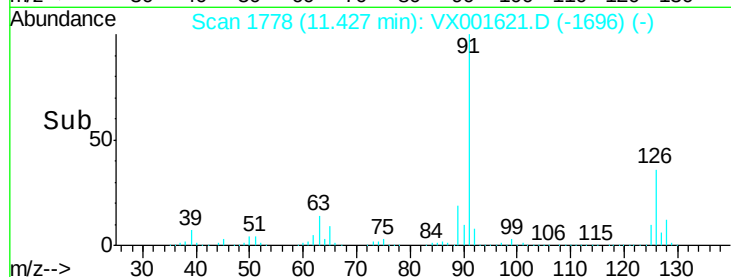
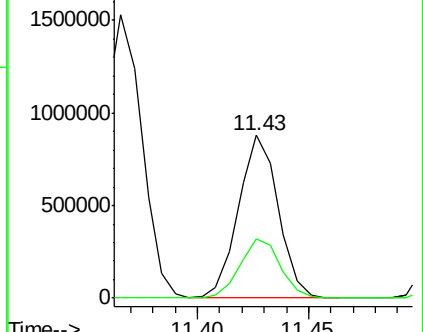
91 100

126 36.9 0.0 72.0



Abundance Ion 91.00 (90.70 to 91.70): VX001619.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001619.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 92.41 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001621.D

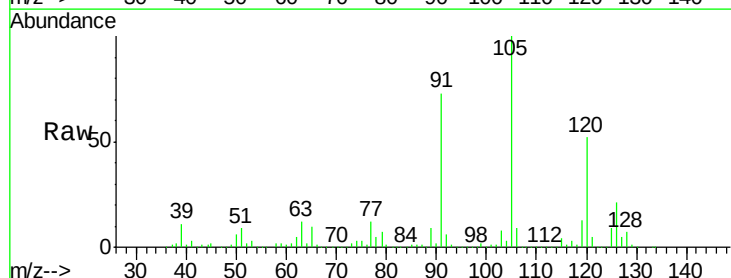
Acq: 11 May 2018 00:22

Tgt Ion: 105 Resp: 1384543

Ion Ratio Lower Upper

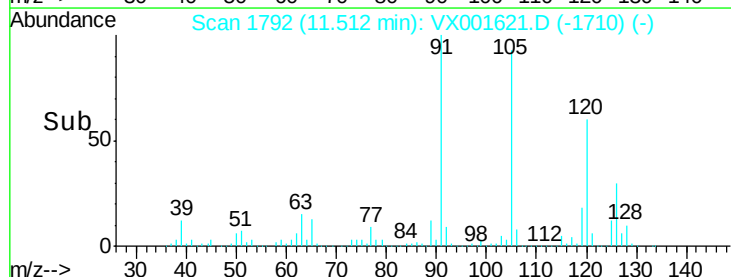
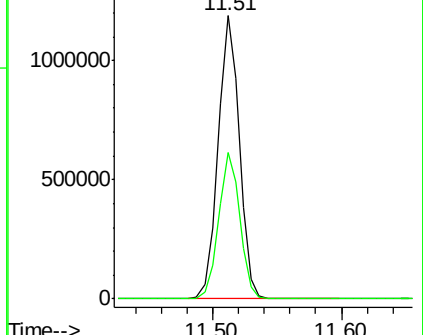
105 100

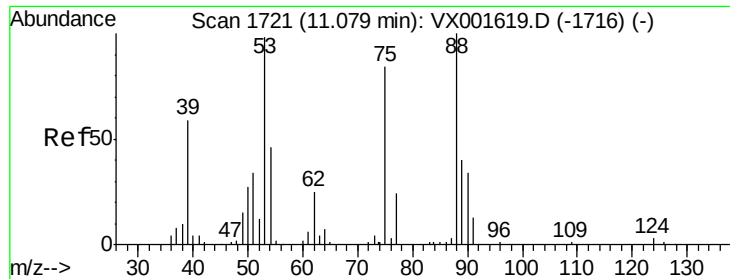
120 51.5 0.0 101.8



Abundance Ion 105.00 (104.70 to 105.70): VX001619.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VX001619.D (-1787) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 104.69 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

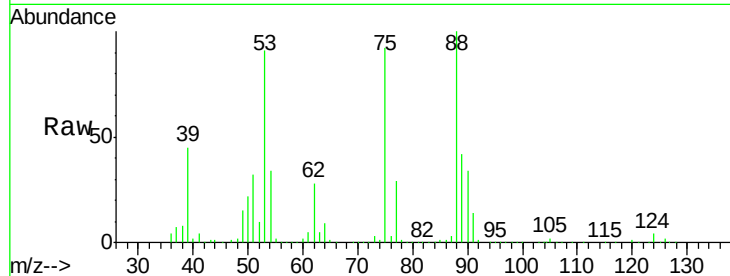
Tgt Ion: 75 Resp: 146748

Ion Ratio Lower Upper

75 100

53 98.6 58.3 174.8

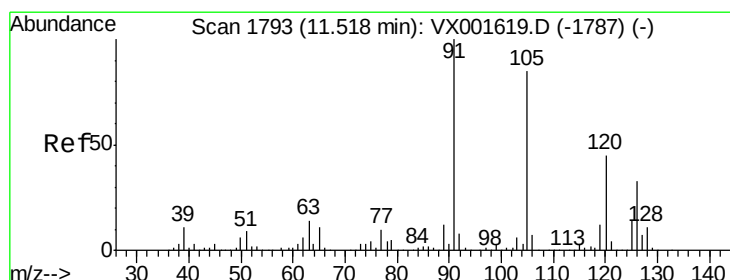
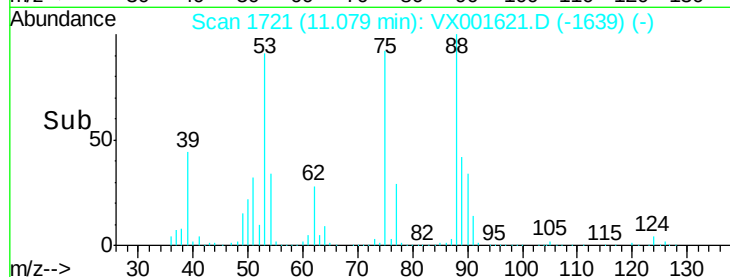
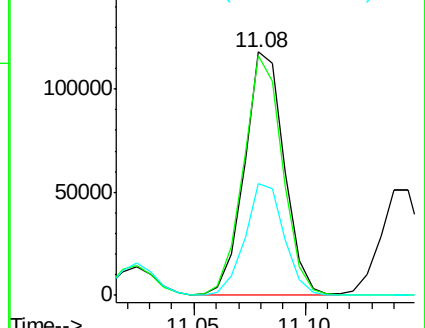
89 45.7 23.9 71.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 89.74 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001621.D

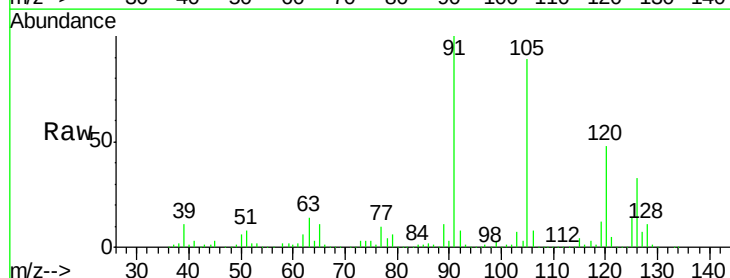
Acq: 11 May 2018 00:22

Tgt Ion: 91 Resp: 1276649

Ion Ratio Lower Upper

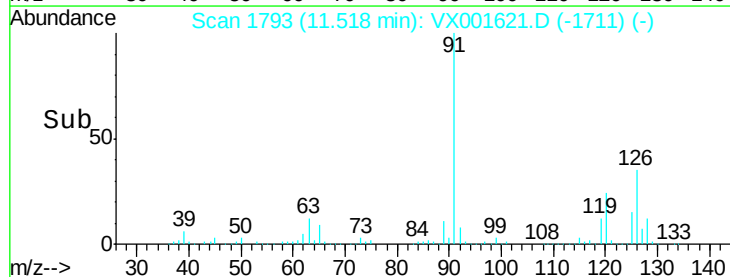
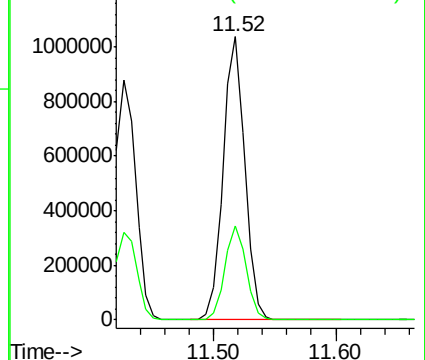
91 100

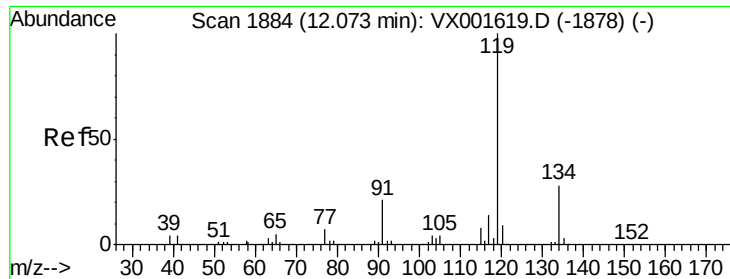
126 32.5 0.0 64.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

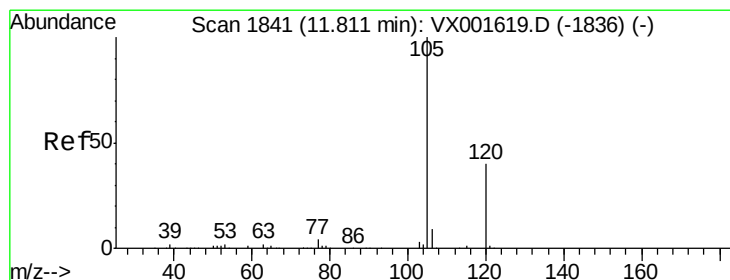
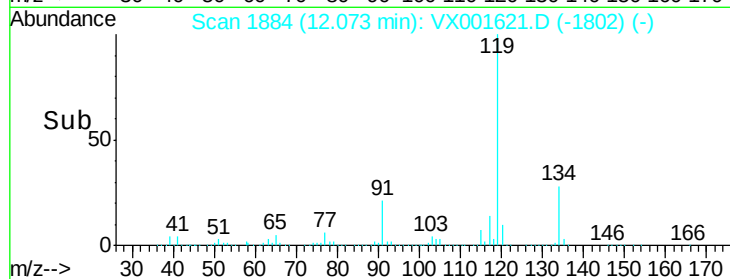
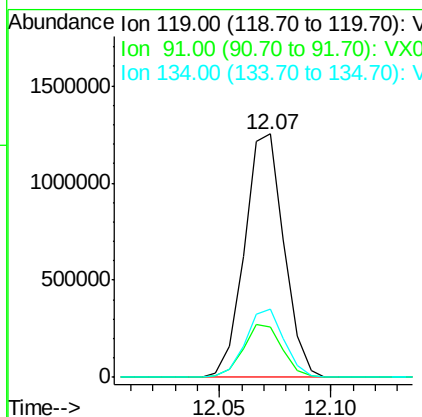
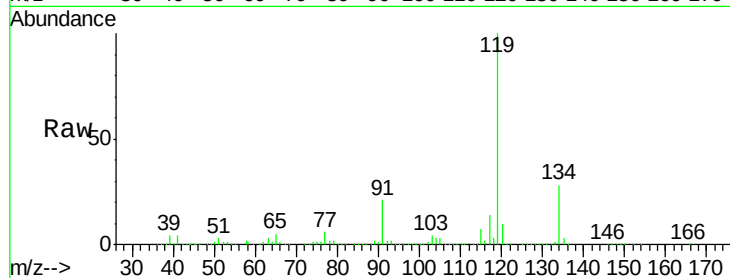




#79
tert-butylbenzene
Concen: 96.42 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

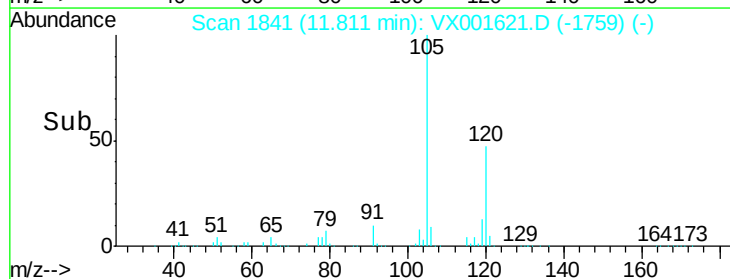
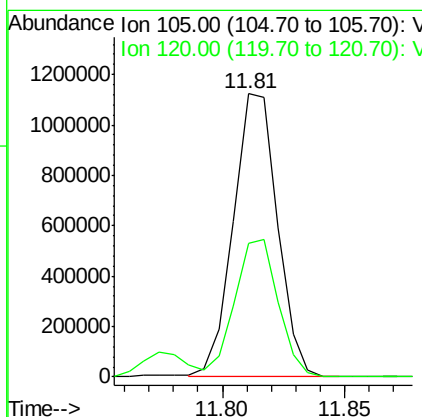
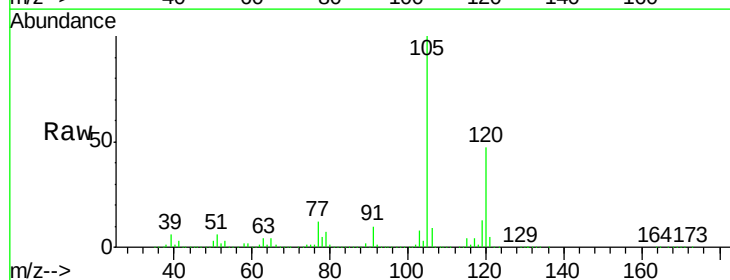
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

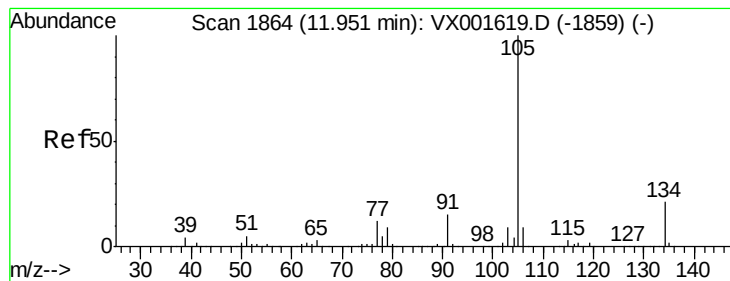
Tgt Ion:119 Resp: 1543787
Ion Ratio Lower Upper
119 100
91 21.5 0.0 44.0
134 27.3 0.0 53.8



#80
1,2,4-Trimethylbenzene
Concen: 92.58 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion:105 Resp: 1408420
Ion Ratio Lower Upper
105 100
120 47.7 0.0 94.0





#81

sec-Butylbenzene

Concen: 96.46 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

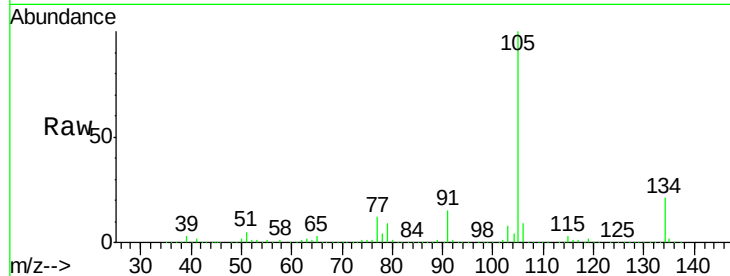
VSTDIC100

Tgt Ion:105 Resp: 1675971

Ion Ratio Lower Upper

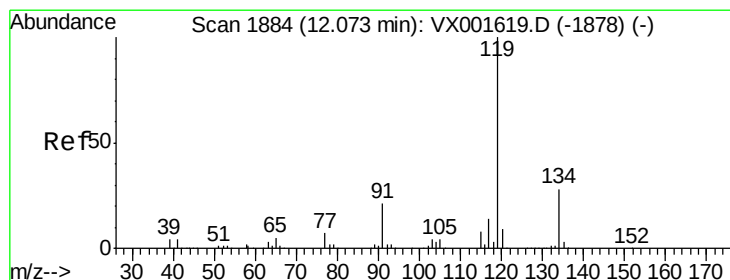
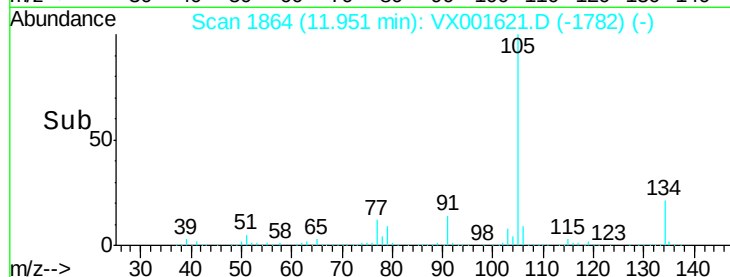
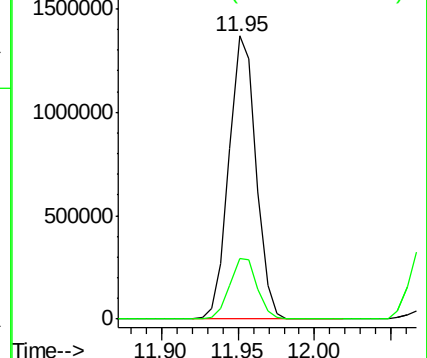
105 100

134 21.9 0.0 43.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 96.42 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

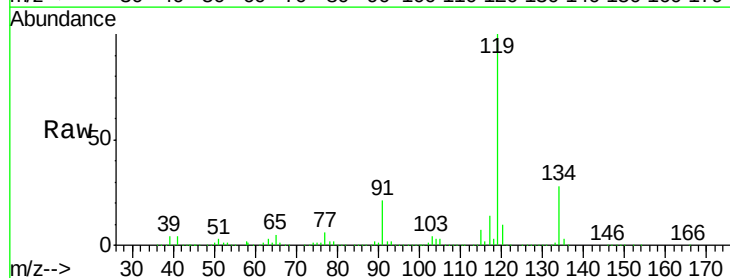
Tgt Ion:119 Resp: 1543787

Ion Ratio Lower Upper

119 100

134 27.3 0.0 53.8

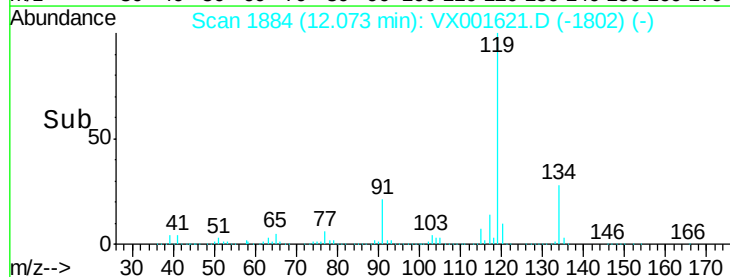
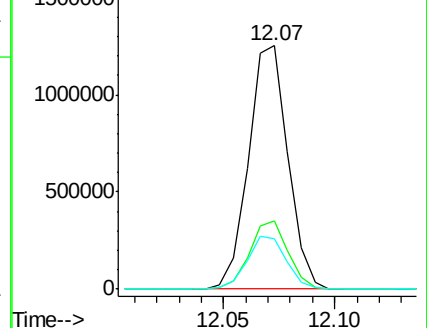
91 21.5 0.0 44.0

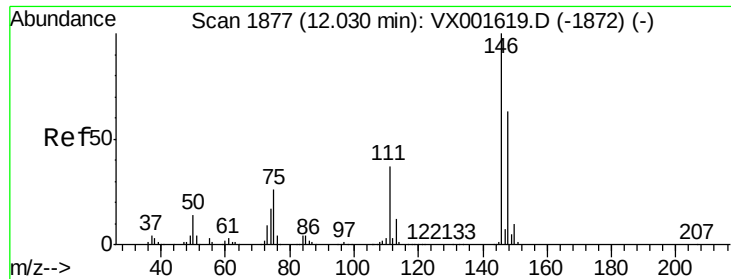


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

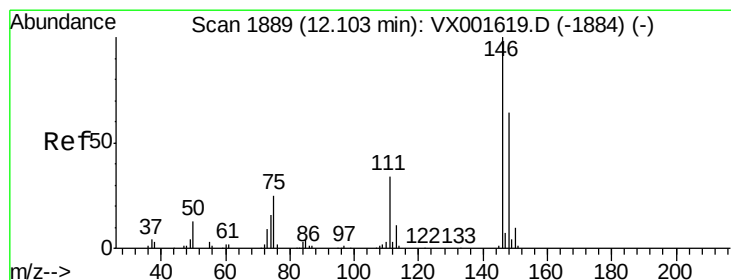
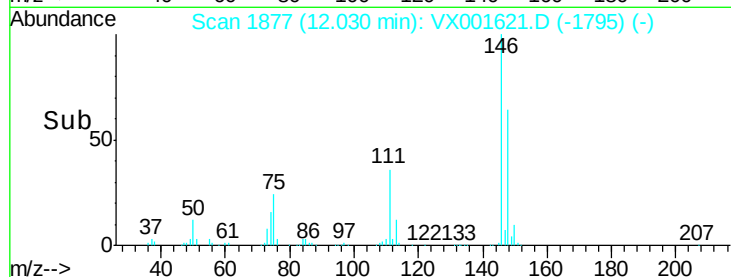
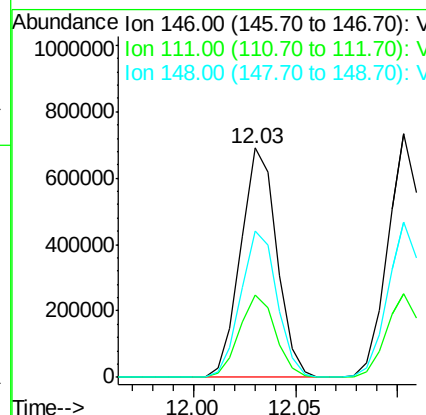
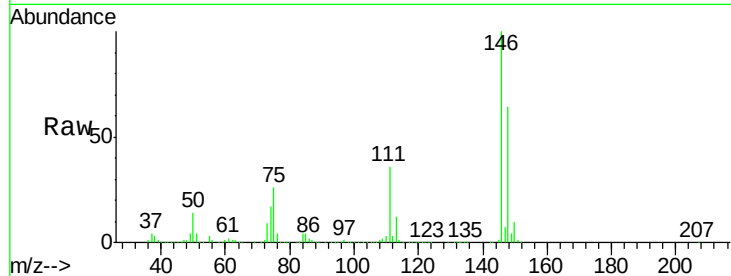




#83
 1,3-Dichlorobenzene
 Concen: 91.37 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

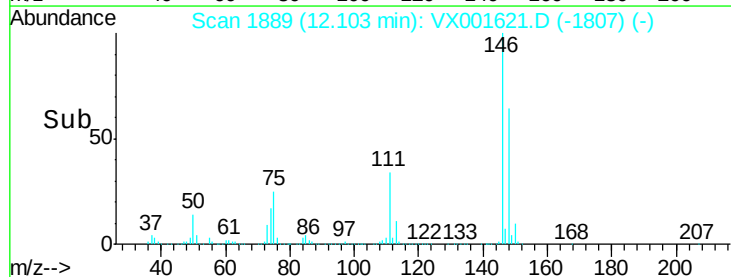
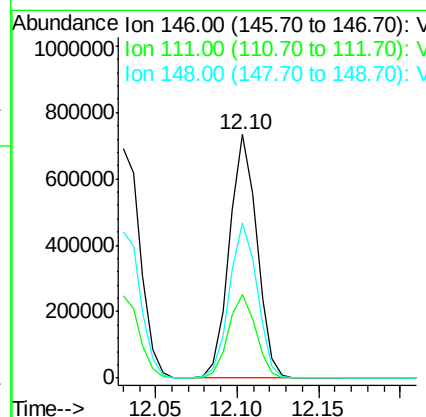
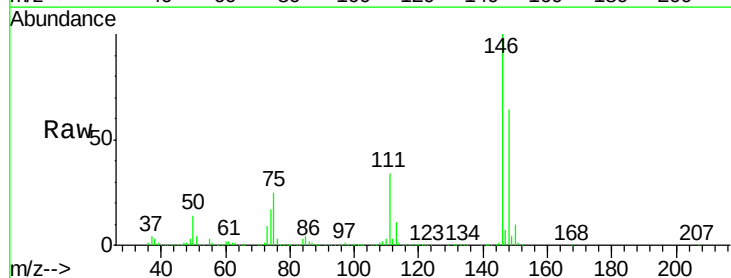
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

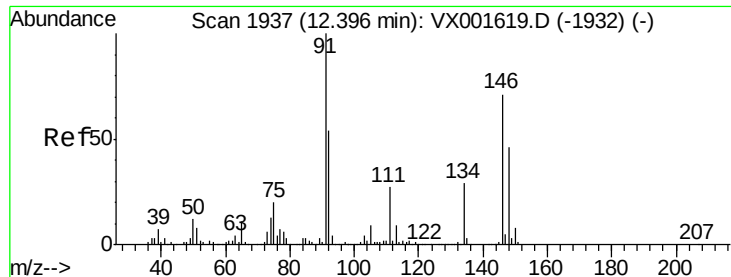
Tgt Ion:146 Resp: 850062
 Ion Ratio Lower Upper
 146 100
 111 35.5 18.1 54.1
 148 64.1 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 91.26 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion:146 Resp: 861950
 Ion Ratio Lower Upper
 146 100
 111 34.1 17.4 52.3
 148 64.4 32.5 97.4





#85

n-Butylbenzene

Concen: 95.54 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

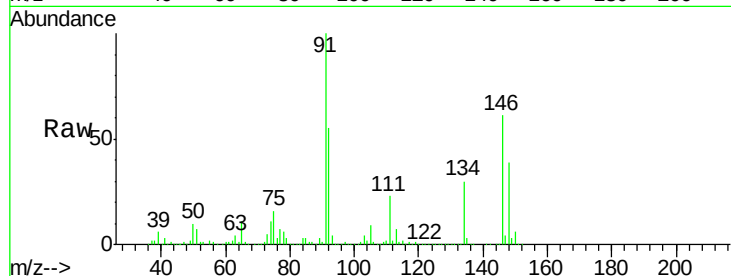
Tgt Ion: 91 Resp: 1305240

Ion	Ratio	Lower	Upper
91	100		
92	54.7	0.0	107.8
134	29.2	0.0	56.8

91 100

92 54.7 0.0 107.8

134 29.2 0.0 56.8

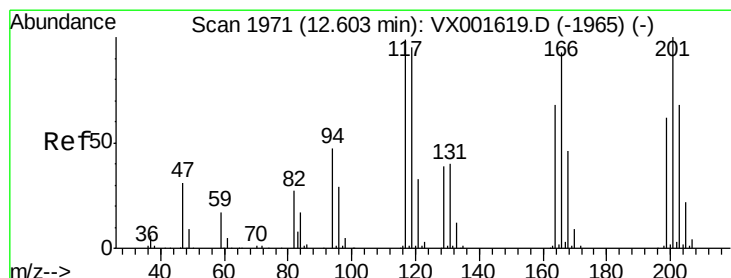
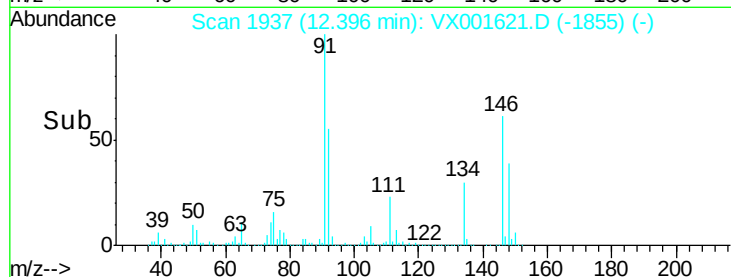
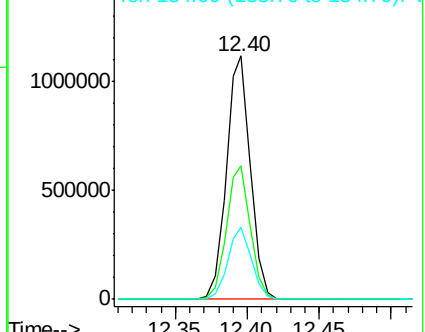


Abundance

Ion 91.00 (90.70 to 91.70): VX001619.D (-1932) (-)

Ion 92.00 (91.70 to 92.70): VX001619.D (-1932) (-)

Ion 134.00 (133.70 to 134.70): VX001619.D (-1932) (-)



#86

Hexachloroethane

Concen: 103.72 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001621.D

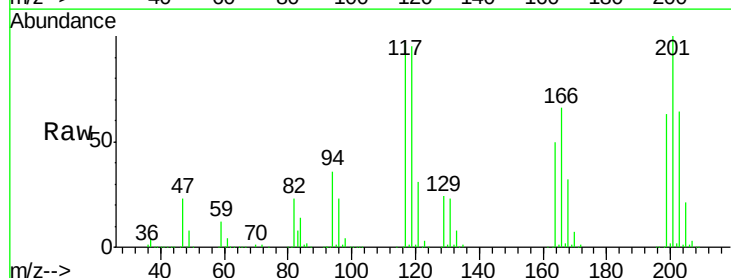
Acq: 11 May 2018 00:22

Tgt Ion: 117 Resp: 255571

Ion	Ratio	Lower	Upper
117	100		
201	104.0	50.1	150.3

117 100

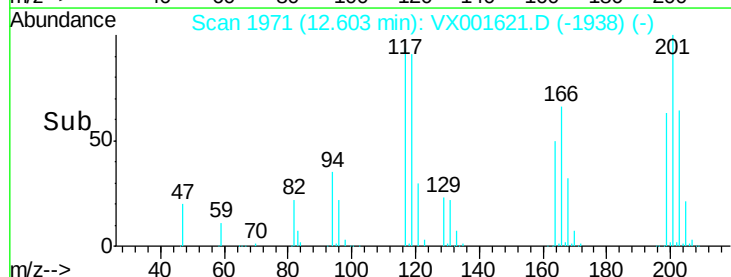
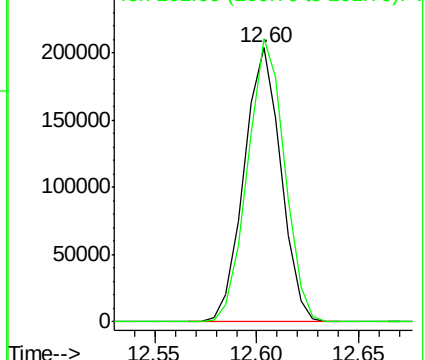
201 104.0 50.1 150.3

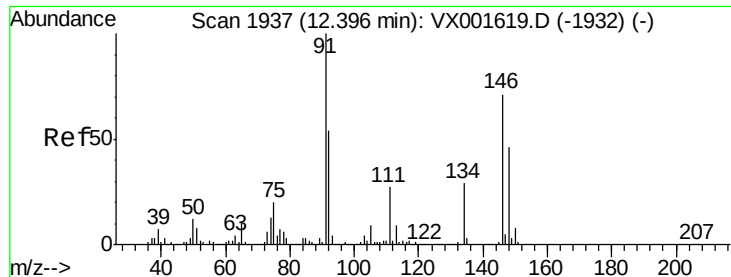


Abundance

Ion 117.00 (116.70 to 117.70): VX001619.D (-1965) (-)

Ion 201.00 (200.70 to 201.70): VX001619.D (-1965) (-)

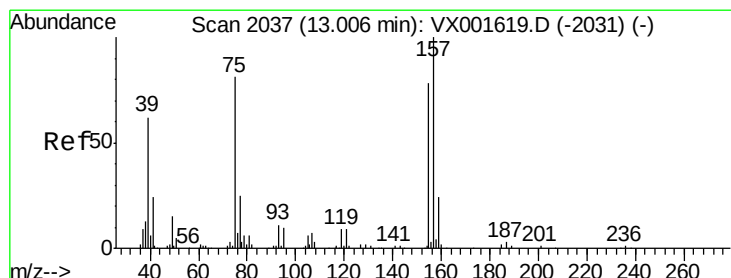
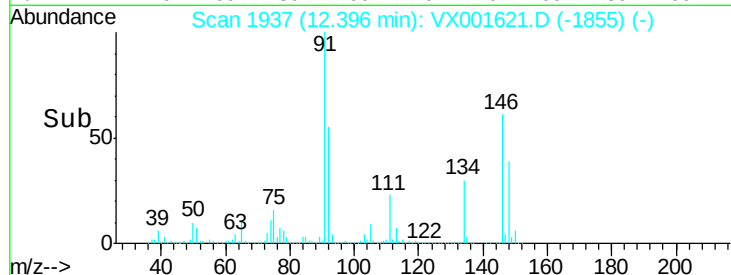
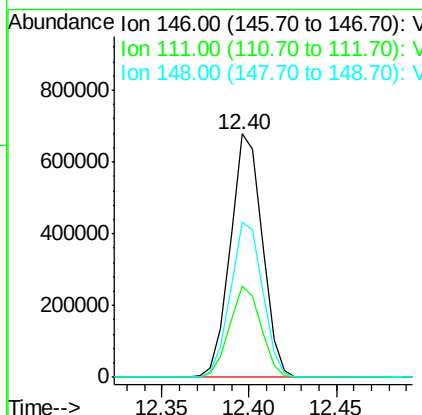
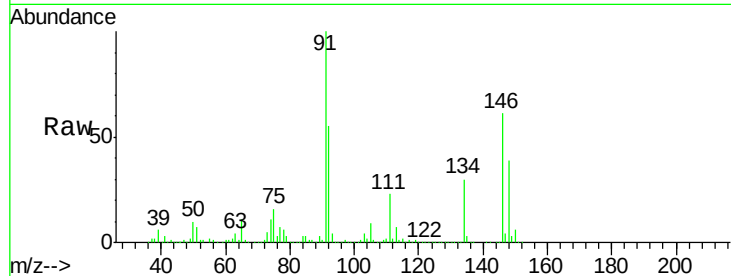




#87
 1,2-Dichlorobenzene
 Concen: 92.78 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

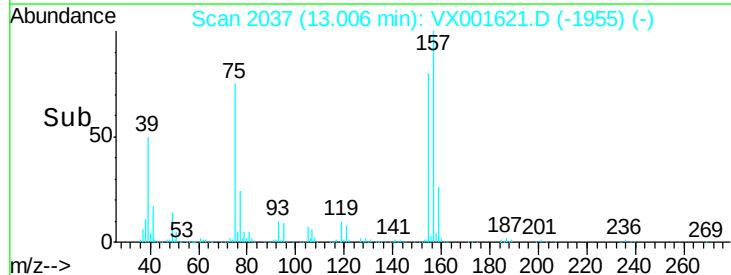
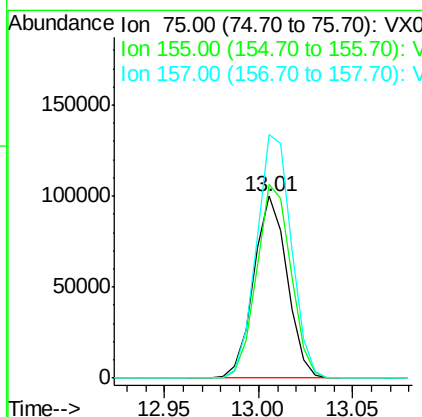
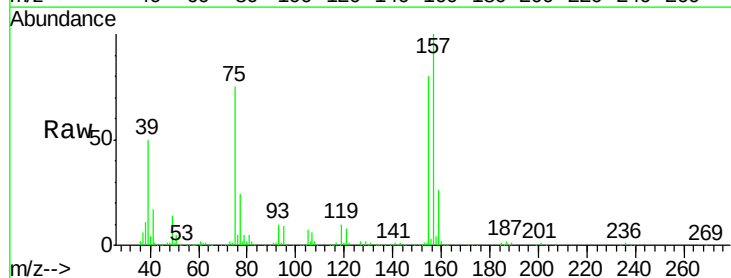
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

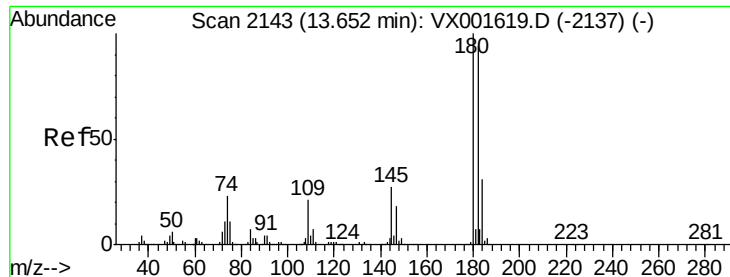
Tgt Ion: 146 Resp: 863818
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.7 56.1
 148 64.3 32.1 96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 109.45 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion: 75 Resp: 123188
 Ion Ratio Lower Upper
 75 100
 155 108.8 79.8 119.8
 157 139.0 105.4 158.2

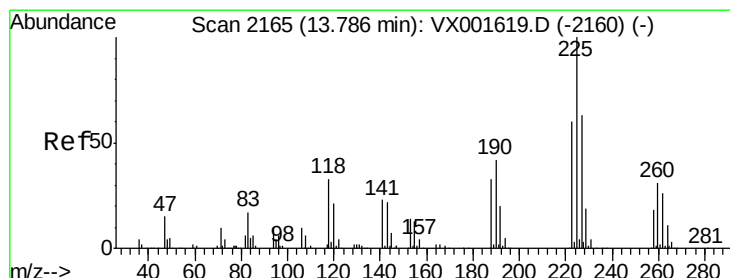
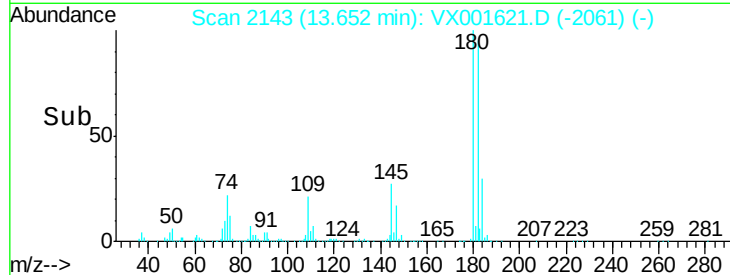
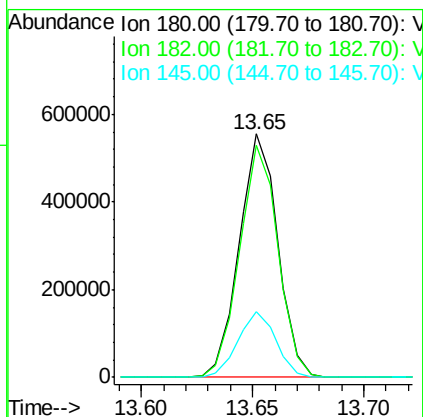
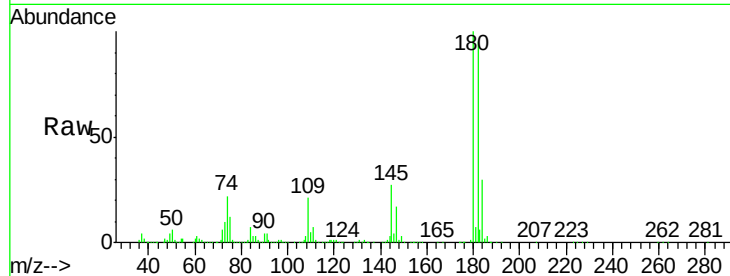




#89
 1,2,4-Trichlorobenzene
 Concen: 96.24 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

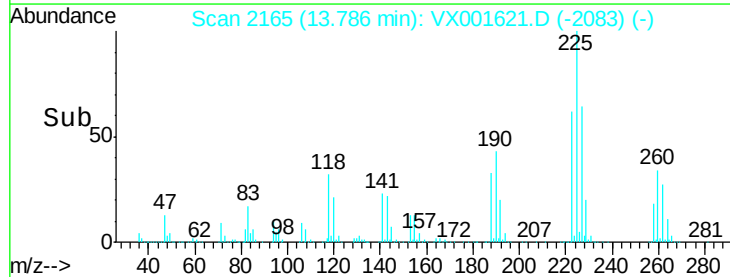
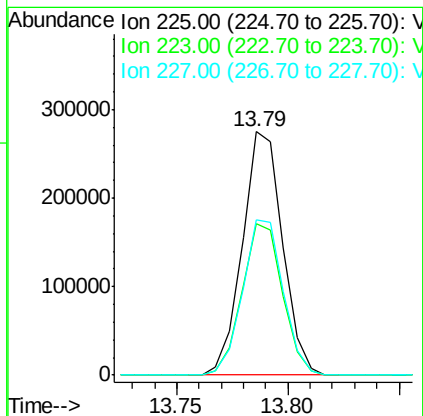
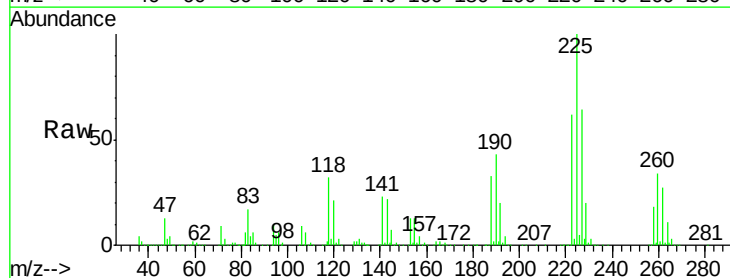
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

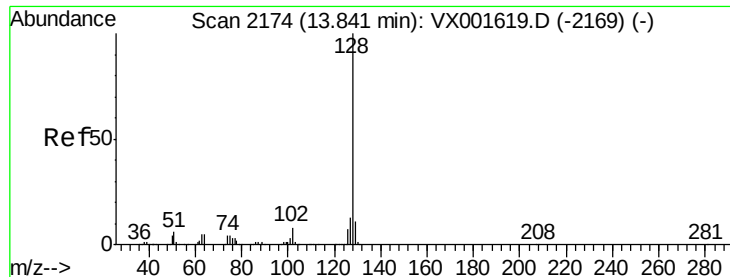
Tgt Ion:180 Resp: 668471
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.6 115.0
 145 26.6 21.5 32.3



#90
 Hexachlorobutadiene
 Concen: 104.03 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion:225 Resp: 346730
 Ion Ratio Lower Upper
 225 100
 223 62.6 0.0 120.2
 227 64.6 0.0 126.6

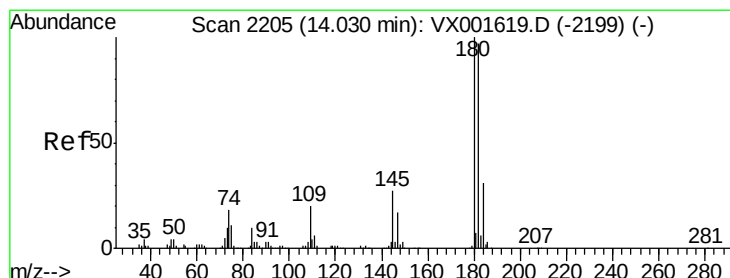
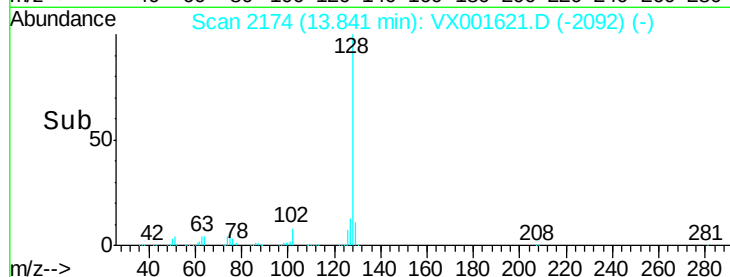
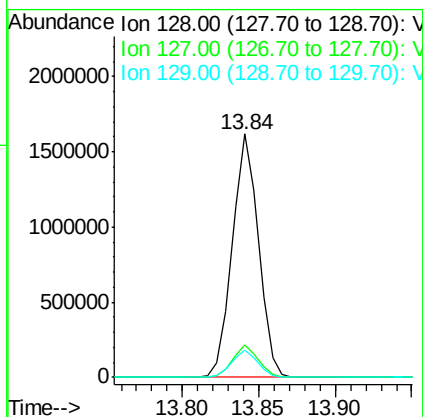
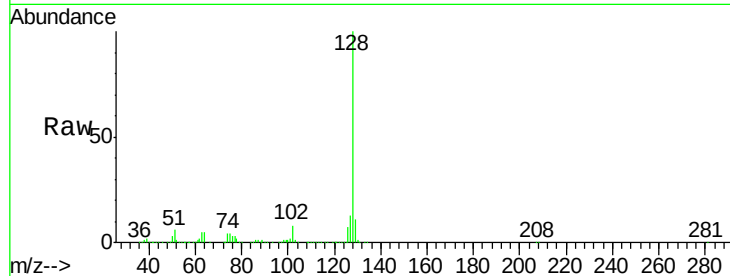




#91
Naphthalene
Concen: 103.45 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1913052
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 97.21 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion:180 Resp: 676755
Ion Ratio Lower Upper
180 100
182 95.9 0.0 192.2
145 28.2 0.0 56.0

