

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
 Data File : VX001417.D
 Acq On : 05 May 2018 13:51
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Quant Time: May 06 07:42:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:39:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	364789	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	263848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	381129	97.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.16%	
35) Dibromofluoromethane	5.51	113	317745	100.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.62%	
50) Toluene-d8	8.72	98	1166582	103.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.72%	
62) 4-Bromofluorobenzene	11.14	95	461464	102.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	383763	120.12	ug/l	100
3) Chloromethane	1.32	50	348167	110.83	ug/l	100
4) Vinyl Chloride	1.40	62	364804	110.99	ug/l	100
5) Bromomethane	1.64	94	165183	63.82	ug/l	99
6) Chloroethane	1.71	64	241398	114.97	ug/l	99
7) Trichlorofluoromethane	1.92	101	550558	101.02	ug/l	99
8) Diethyl Ether	2.19	74	217362	113.75	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	321756	101.94	ug/l	99
10) Methyl Iodide	2.51	142	514890	148.15	ug/l	99
11) Tert butyl alcohol	3.10	59	398103	571.29	ug/l	99
12) 1,1-Dichloroethene	2.37	96	303488	106.33	ug/l	99
13) Acrolein	2.30	56	79211	231.75	ug/l	97
14) Allyl chloride	2.73	41	572890	113.76	ug/l	99
15) Acrylonitrile	3.16	53	931310	581.20	ug/l	99
16) Acetone	2.46	43	845341	506.56	ug/l	98
17) Carbon Disulfide	2.56	76	819691	109.93	ug/l	100
18) Methyl Acetate	2.78	43	458411	114.11	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	1046016	107.51	ug/l	100
20) Methylene Chloride	2.85	84	334044	91.95	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	328940	105.66	ug/l	98
22) Diisopropyl ether	3.88	45	1075067	111.38	ug/l	100
23) Vinyl Acetate	3.83	43	4609630	564.18	ug/l	100
24) 1,1-Dichloroethane	3.70	63	581204	107.84	ug/l	100
25) 2-Butanone	4.72	43	1280999	558.80	ug/l	99
26) 2,2-Dichloropropane	4.59	77	486102	111.59	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	361257	105.96	ug/l	97
28) Bromochloromethane	5.03	49	246004	103.17	ug/l	99
29) Tetrahydrofuran	5.18	42	826597	581.68	ug/l	99
30) Chloroform	5.22	83	608454	107.28	ug/l	99
31) Cyclohexane	5.57	56	517764	106.86	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	556092	112.16	ug/l	100
36) 1,1-Dichloropropene	5.80	75	455360	105.86	ug/l	100
37) Ethyl Acetate	4.88	43	499305	113.62	ug/l	100
38) Carbon Tetrachloride	5.79	117	511685	113.07	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	561393	110.30	ug/l	98
40) Benzene	6.15	78	1345457	108.57	ug/l	99
41) Methacrylonitrile	5.07	41	287052	112.43	ug/l	99
42) 1,2-Dichloroethane	6.21	62	501907	104.50	ug/l	100
43) Isopropyl Acetate	6.48	43	816606	115.89	ug/l	99
44) Trichloroethene	7.22	130	410598	108.28	ug/l	98
45) 1,2-Dichloropropane	7.52	63	330920	104.85	ug/l	99
46) Dibromomethane	7.67	93	236569	106.44	ug/l	99
47) Bromodichloromethane	7.90	83	473869	118.44	ug/l	100
48) Methyl methacrylate	7.79	41	438871	116.34	ug/l	99
49) 1,4-Dioxane	7.77	88	181544	2491.15	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	2658441	583.33	ug/l	98
52) Toluene	8.79	92	889232	109.72	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	562426	118.67	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	528887	121.79	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	354191	108.76	ug/l	98
56) Ethyl methacrylate	9.19	69	557687	122.39	ug/l	99
57) 1,3-Dichloropropane	9.38	76	583784	110.60	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1350070	609.73	ug/l	99
59) 2-Hexanone	9.51	43	2084060	586.93	ug/l	99
60) Dibromochloromethane	9.59	129	408791	119.76	ug/l	99
61) 1,2-Dibromoethane	9.68	107	386308	111.66	ug/l	100
64) Tetrachloroethene	9.34	164	469280	108.78	ug/l	99
65) Chlorobenzene	10.15	112	1026610	105.52	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	390370	115.24	ug/l	100
67) Ethyl Benzene	10.26	91	1710063	106.85	ug/l	99
68) m/p-Xylenes	10.37	106	1385230	219.56	ug/l	98
69) o-Xylene	10.71	106	673010	109.64	ug/l	99
70) Styrene	10.72	104	1129320	112.56	ug/l	99
71) Bromoform	10.87	173	360147	125.94	ug/l	100
73) Isopropylbenzene	11.02	105	1800071	100.93	ug/l	100
74) N-amyl acetate	6.48	43	816606	106.34	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	539487	101.79	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	663610	134.60	ug/l	88
77) Bromobenzene	11.26	156	519733	101.51	ug/l	98
78) n-propylbenzene	11.37	91	1997346	101.14	ug/l	100
79) 2-Chlorotoluene	11.43	91	1188455	99.58	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1527896	102.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	171568	132.94	ug/l	95
82) 4-Chlorotoluene	11.52	91	1413893	99.04	ug/l	100
83) tert-Butylbenzene	11.77	119	1542242	103.84	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1574017	102.96	ug/l	100
85) sec-Butylbenzene	11.95	105	1832496	102.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	1704202	104.15	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	941223	98.36	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	952027	96.87	ug/l	100
89) n-Butylbenzene	12.40	91	1453033	102.63	ug/l	99
90) Hexachloroethane	12.60	117	279741	117.99	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	950863	99.85	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	128653	118.72	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:39:45 2018
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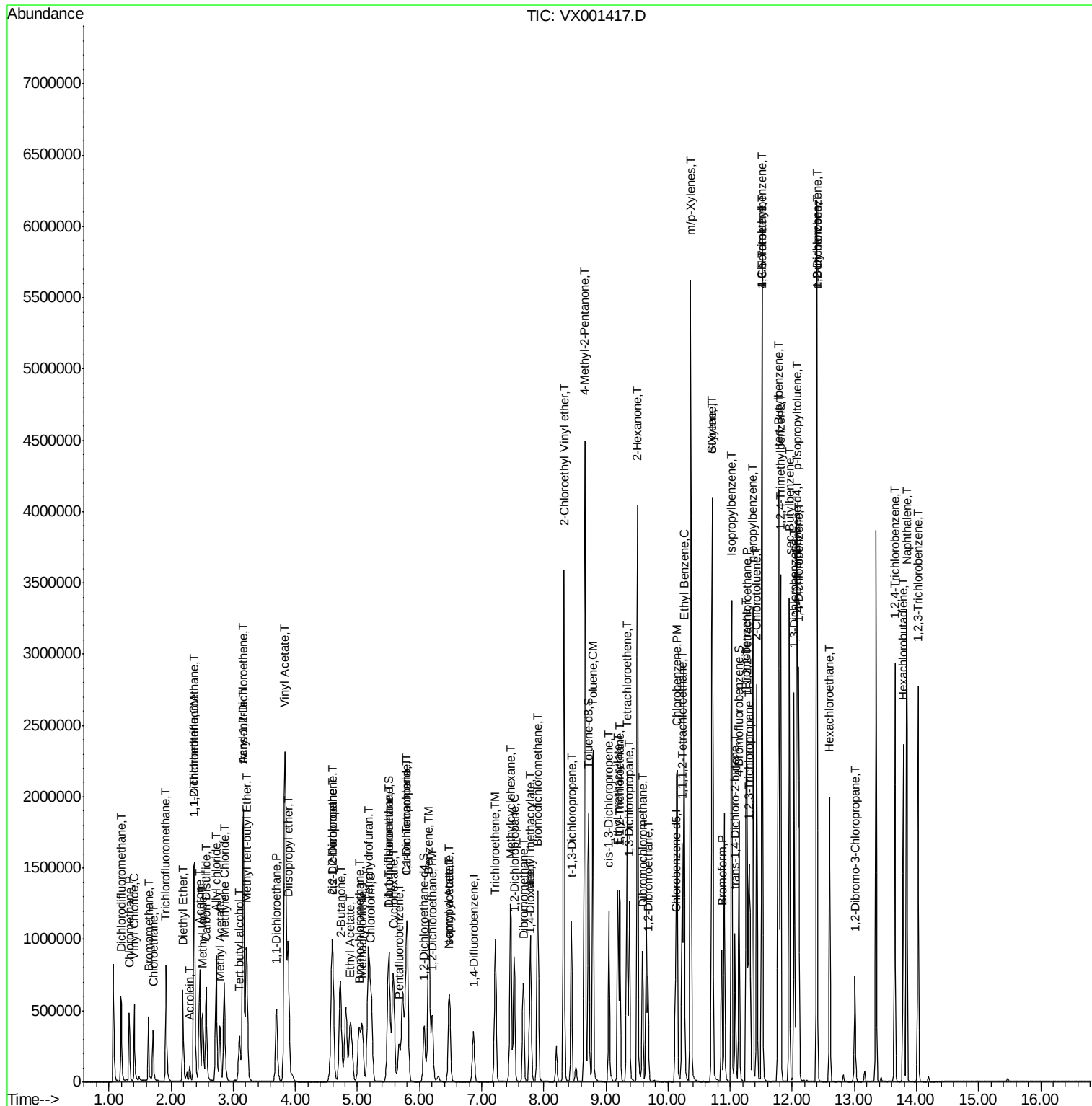
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	743707	97.67	ug/l	100
94) Hexachlorobutadiene	13.79	225	391639	98.00	ug/l	100
95) Naphthalene	13.84	128	2065334	105.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	744451	99.18	ug/l	100

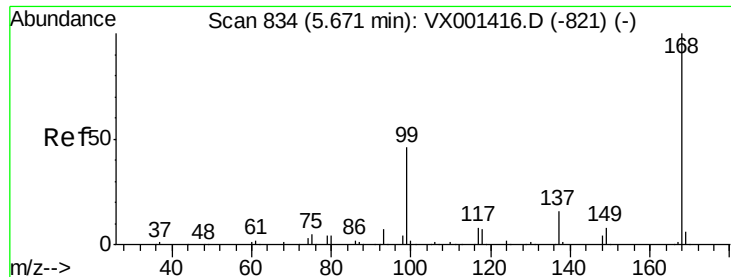
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On     : 05 May 2018   13:51  
Operator   : JC/MD  
Sample     : VSTDICC100  
Misc       : 5.0mL/MSVOA_X/WATER  
ALS Vial   : 6      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 06 07:42:32 2018
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Quant Title : SW846 8260
QLast Update : Sun May 06 07:39:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

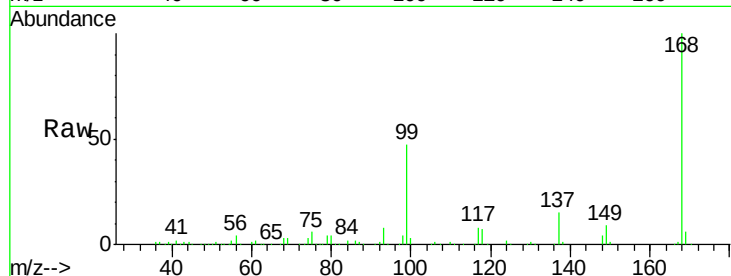
VSTDIC100

Tgt Ion:168 Resp: 279613

Ion Ratio Lower Upper

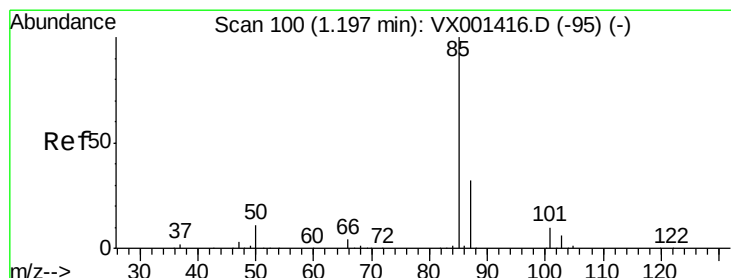
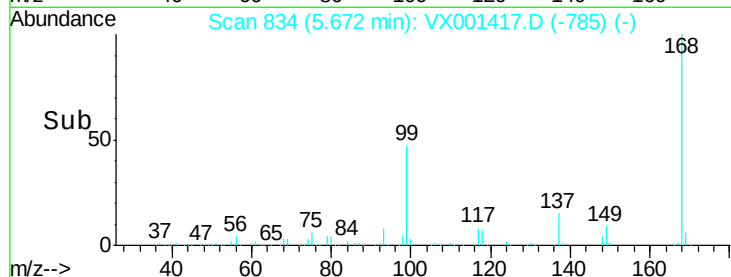
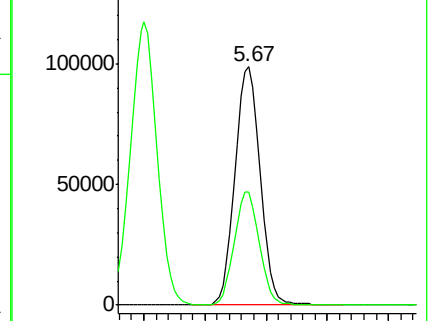
168 100

99 47.3 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 120.12 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX001417.D

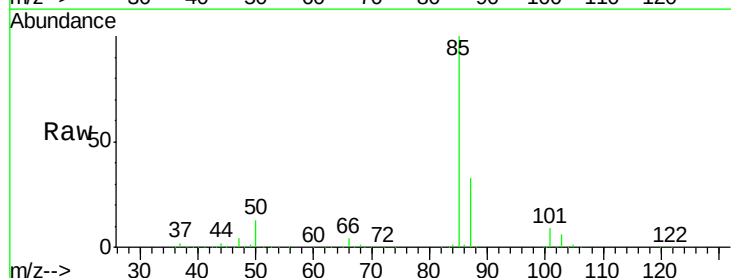
Acq: 05 May 2018 13:51

Tgt Ion: 85 Resp: 383763

Ion Ratio Lower Upper

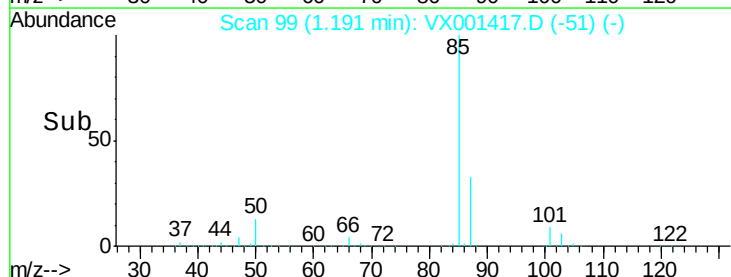
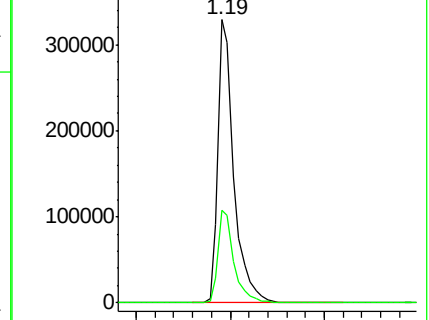
85 100

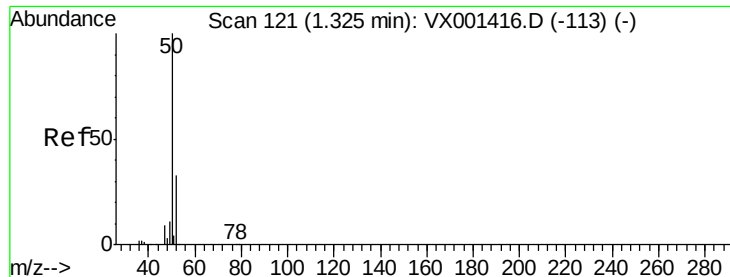
87 32.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 110.83 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

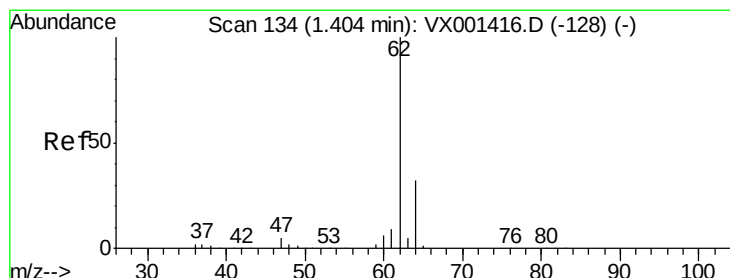
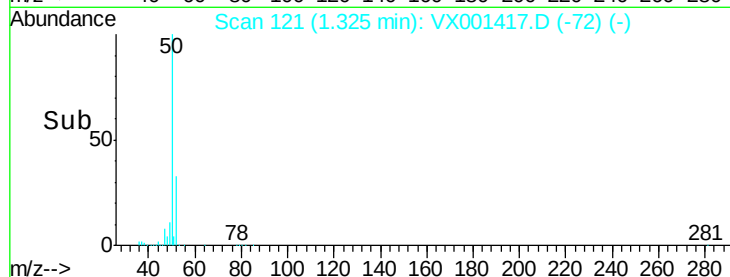
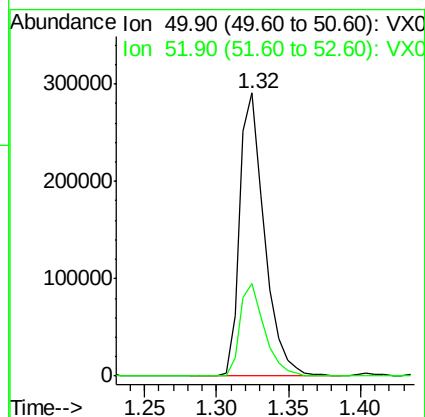
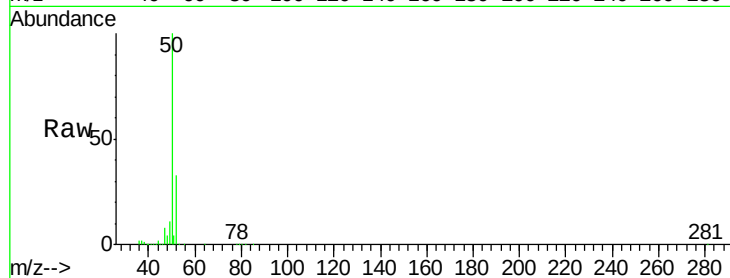
VSTDIC100

Tgt Ion: 50 Resp: 348167

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.4



#4

Vinyl Chloride

Concen: 110.99 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001417.D

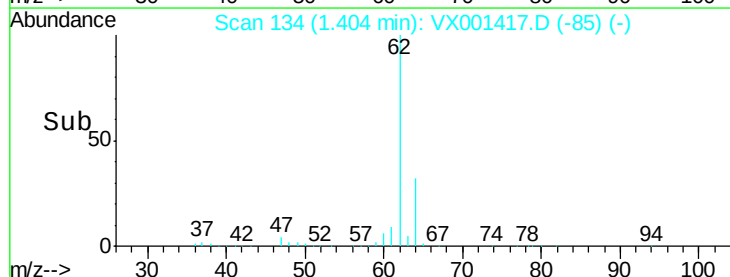
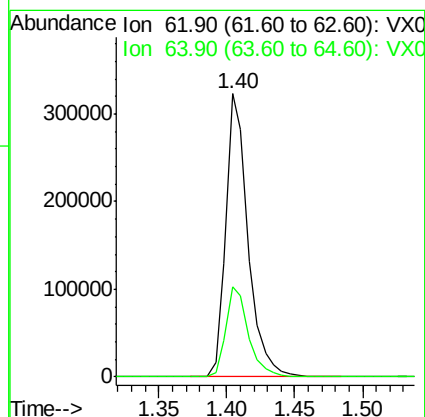
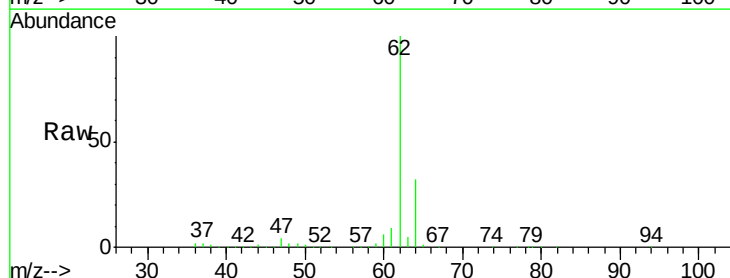
Acq: 05 May 2018 13:51

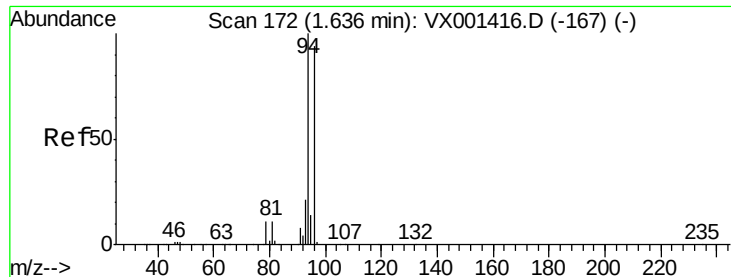
Tgt Ion: 62 Resp: 364804

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.6





#5

Bromomethane

Concen: 63.82 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

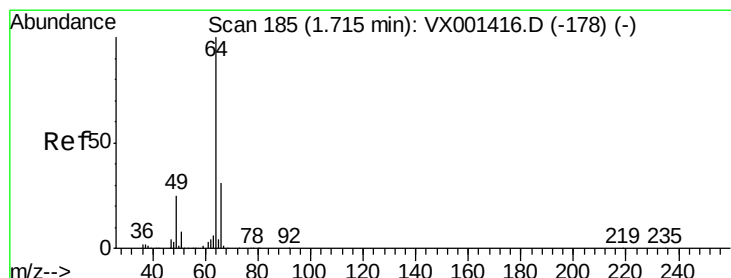
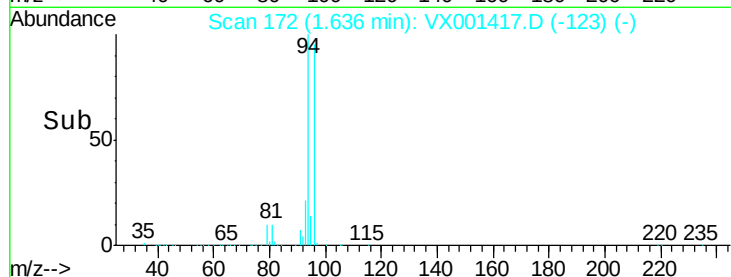
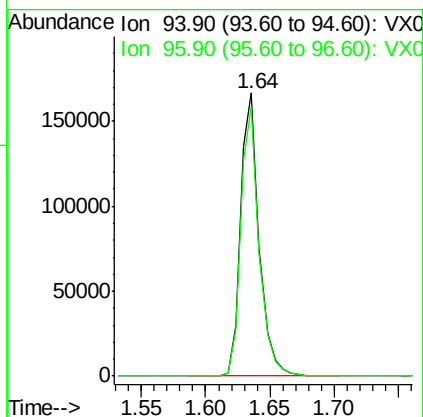
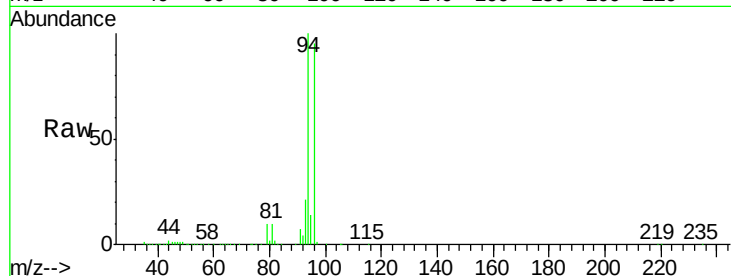
VSTDIC100

Tgt Ion: 94 Resp: 165183

Ion Ratio Lower Upper

94 100

96 95.1 75.0 112.6



#6

Chloroethane

Concen: 114.97 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX001417.D

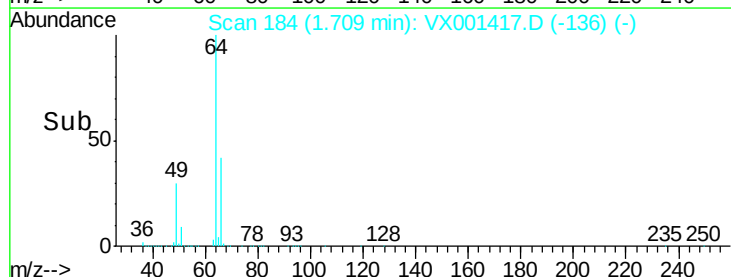
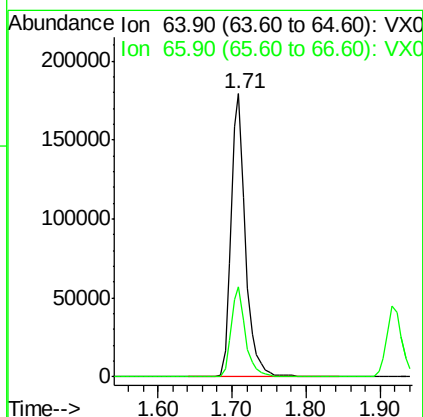
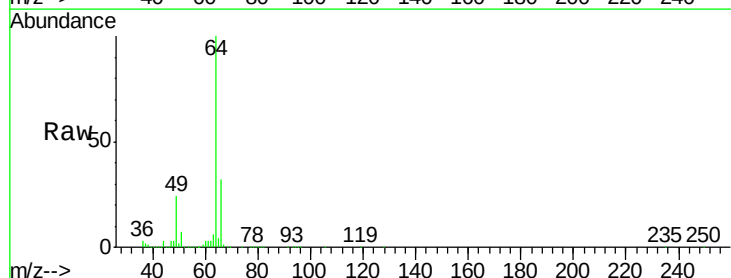
Acq: 05 May 2018 13:51

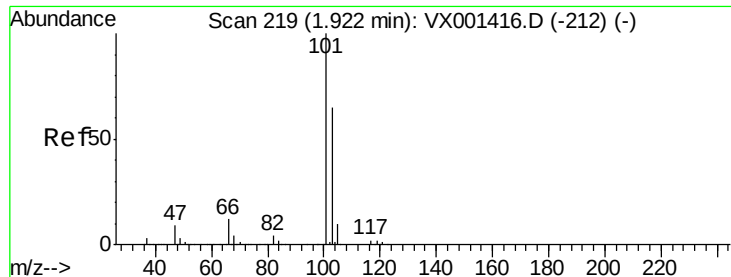
Tgt Ion: 64 Resp: 241398

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7



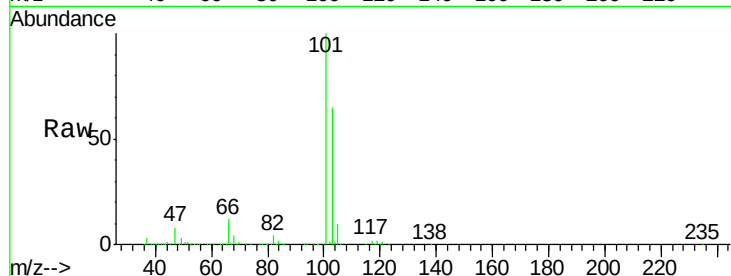


#7

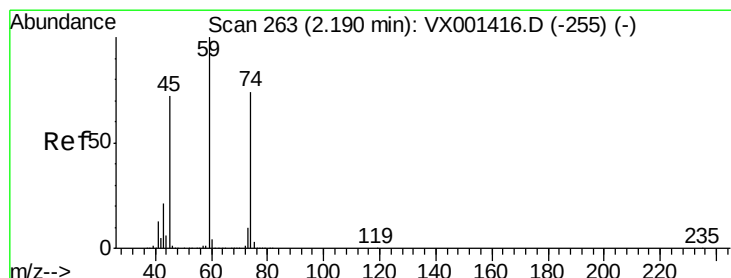
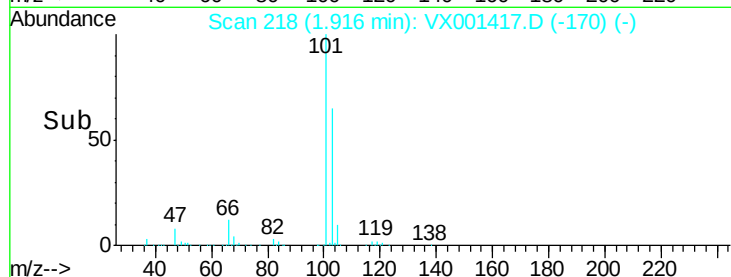
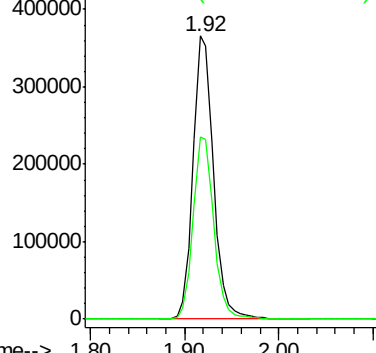
Trichlorofluoromethane
Concen: 101.02 ug/l
RT: 1.92 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 101 Resp: 550558
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0



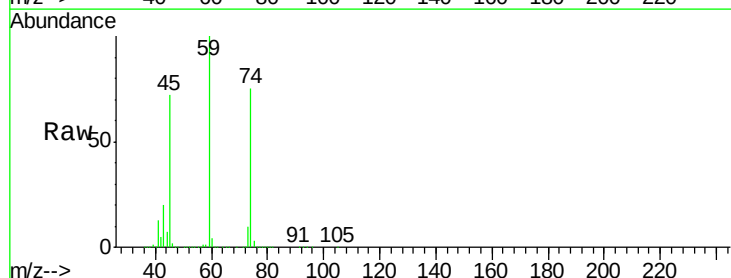
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



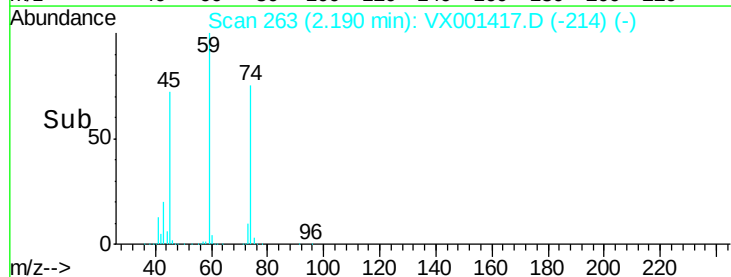
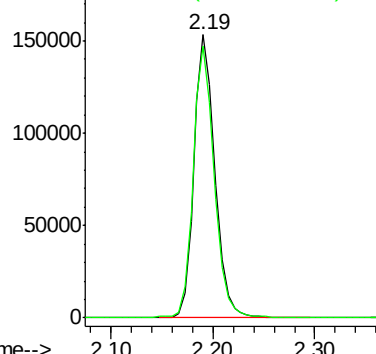
#8

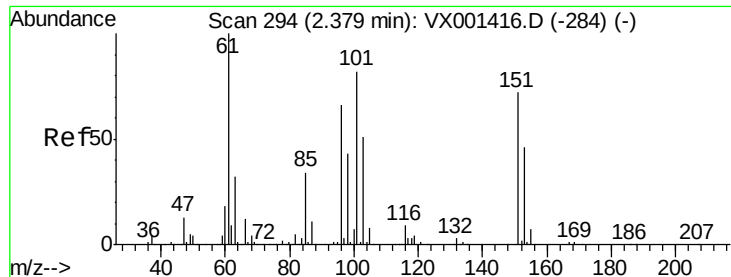
Diethyl Ether
Concen: 113.75 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Tgt Ion: 74 Resp: 217362
Ion Ratio Lower Upper
74 100
45 97.3 47.9 143.6



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 101.94 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001417.D

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Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

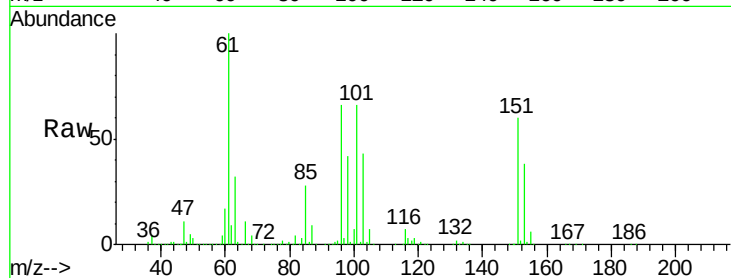
Tgt Ion:101 Resp: 321756

Ion Ratio Lower Upper

101 100

85 42.0 33.7 50.5

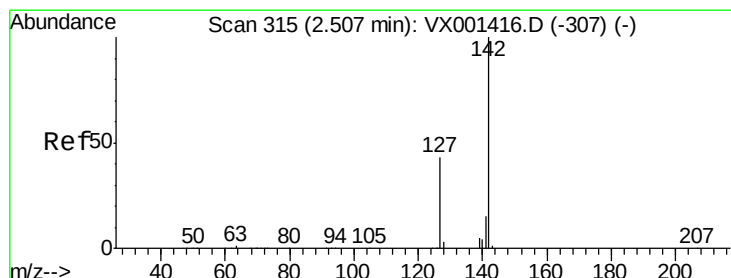
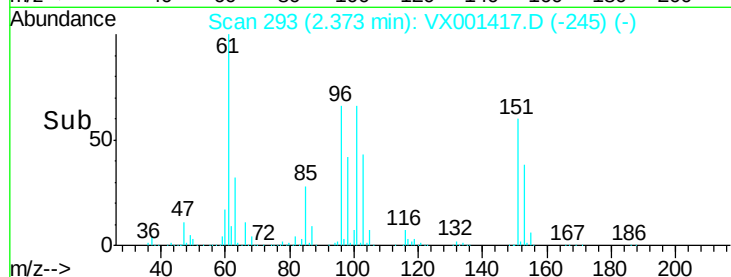
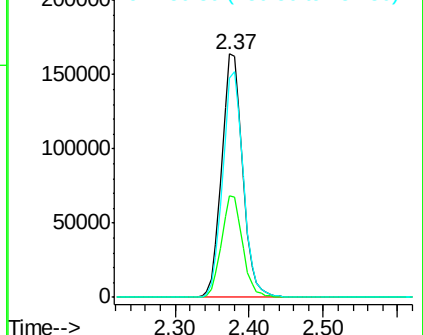
151 91.5 72.3 108.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 148.15 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

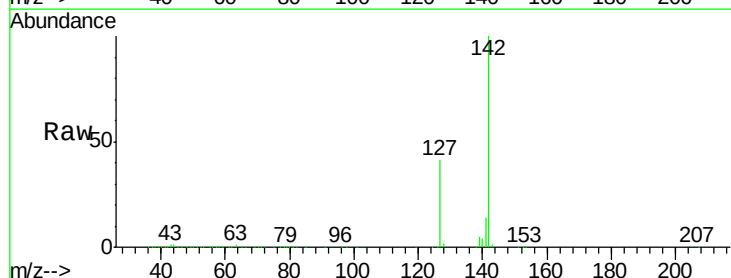
Tgt Ion:142 Resp: 514890

Ion Ratio Lower Upper

142 100

127 41.1 33.6 50.4

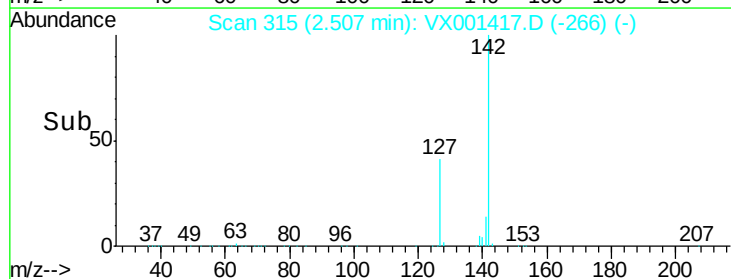
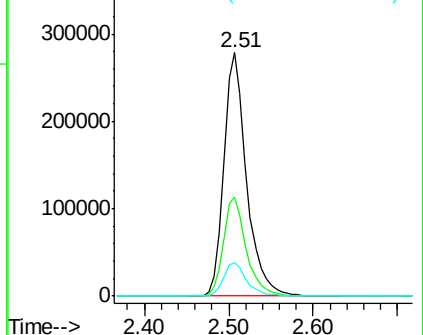
141 14.1 11.4 17.2

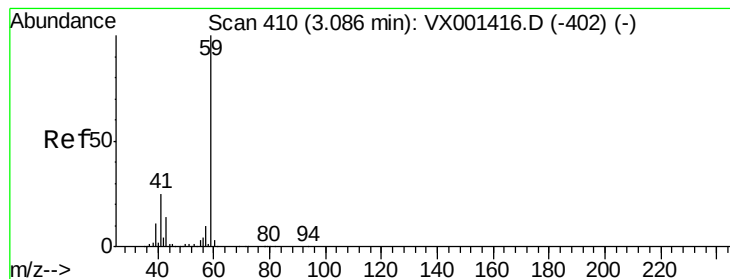


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



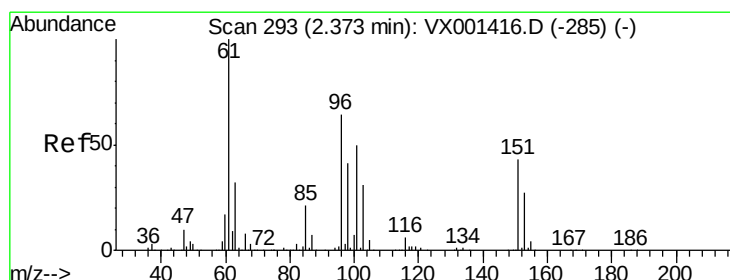
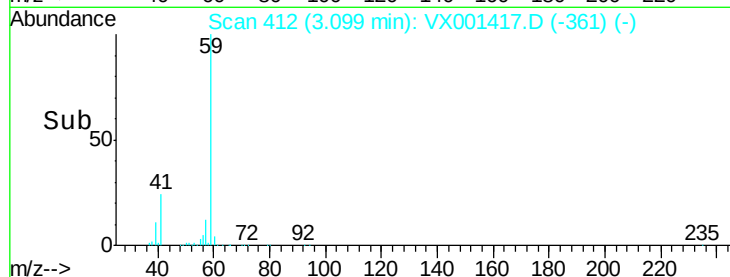
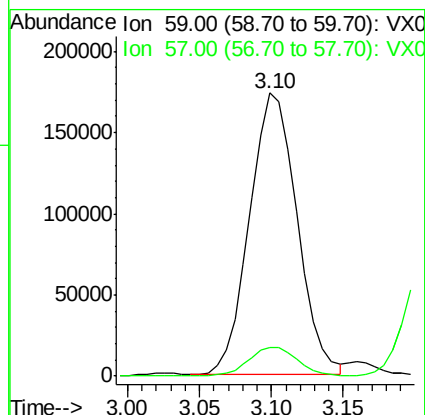
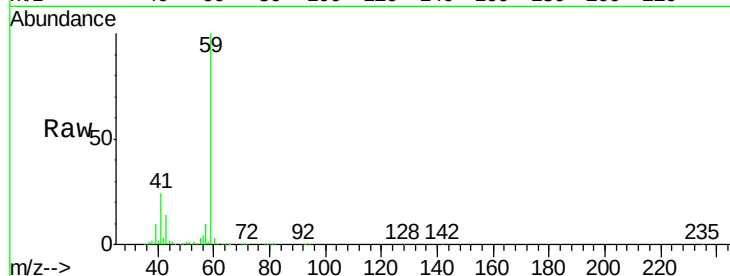


#11

Tert butyl alcohol
Concen: 571.29 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.01 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

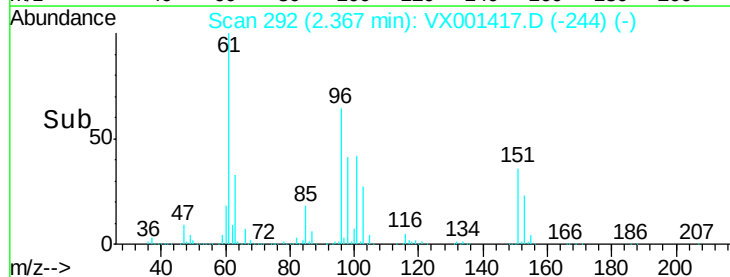
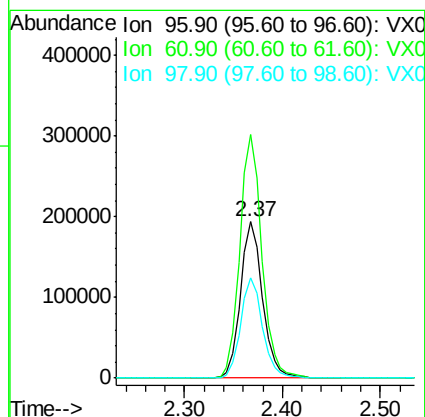
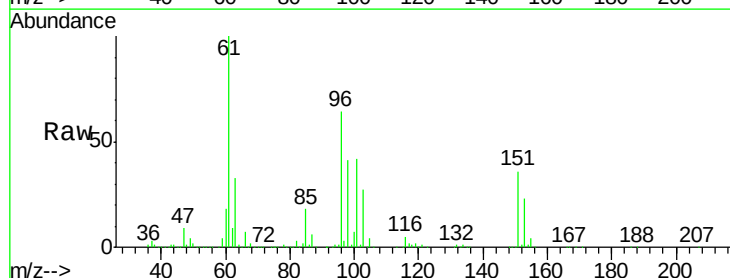
Tgt Ion: 59 Resp: 398103
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

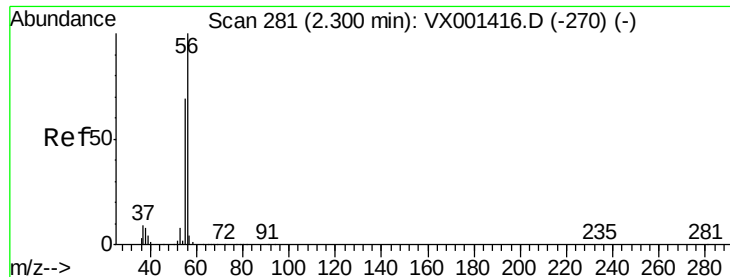


#12

1,1-Dichloroethene
Concen: 106.33 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Tgt Ion: 96 Resp: 303488
Ion Ratio Lower Upper
96 100
61 156.0 125.7 188.5
98 64.5 52.0 78.0





#13

Acrolein

Concen: 231.75 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

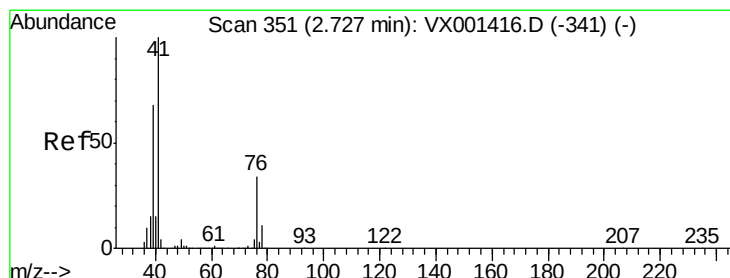
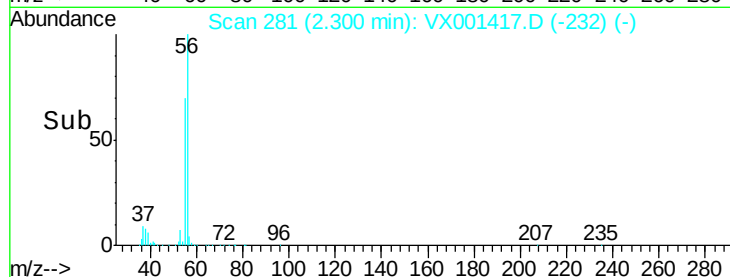
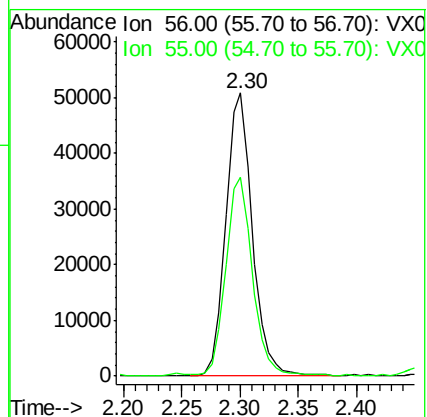
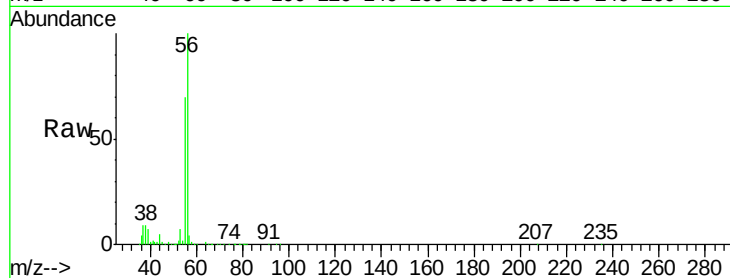
VSTDICC100

Tgt Ion: 56 Resp: 79211

Ion Ratio Lower Upper

56 100

55 70.5 54.5 81.7



#14

Allyl chloride

Concen: 113.76 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

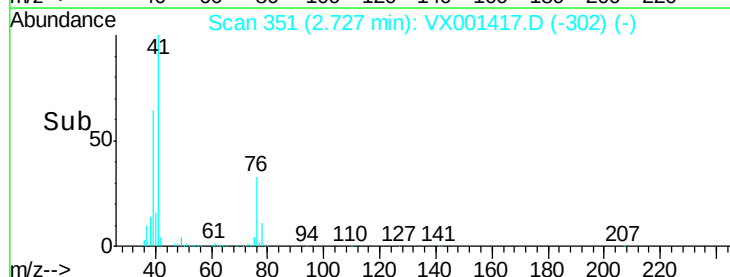
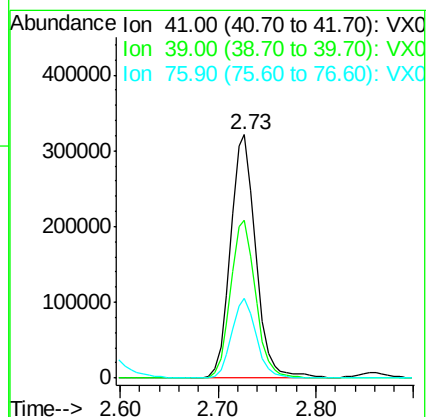
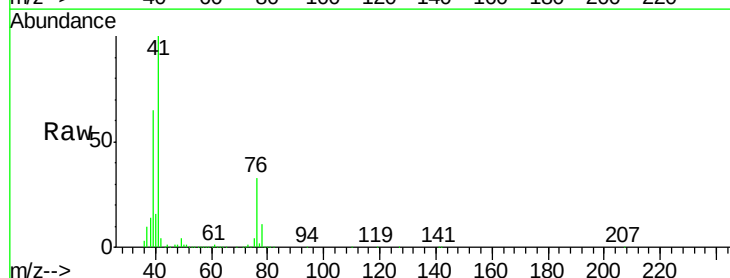
Tgt Ion: 41 Resp: 572890

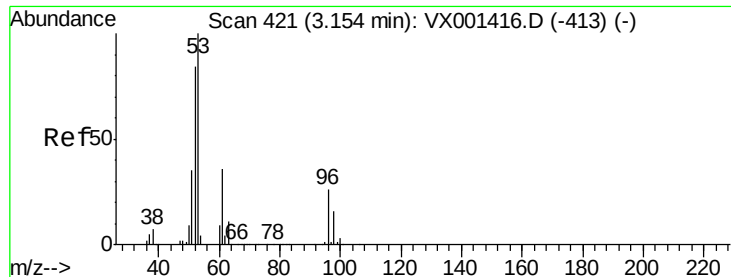
Ion Ratio Lower Upper

41 100

39 64.3 52.4 78.6

76 31.9 25.8 38.6





#15

Acrylonitrile

Concen: 581.20 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

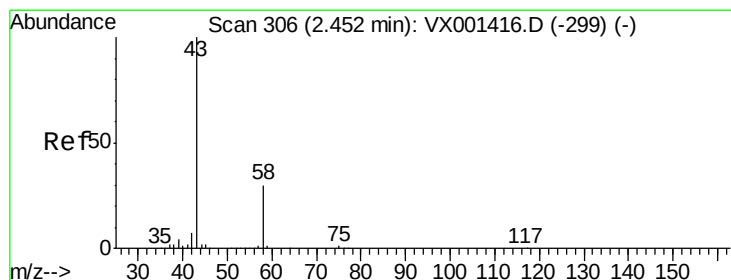
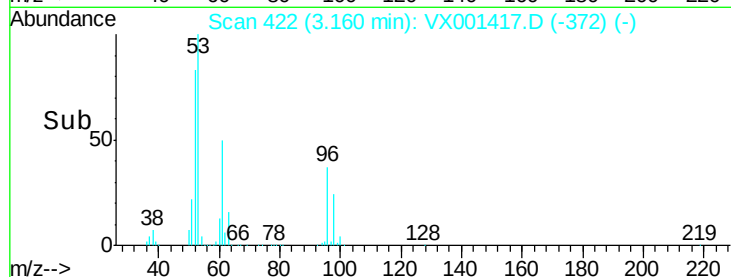
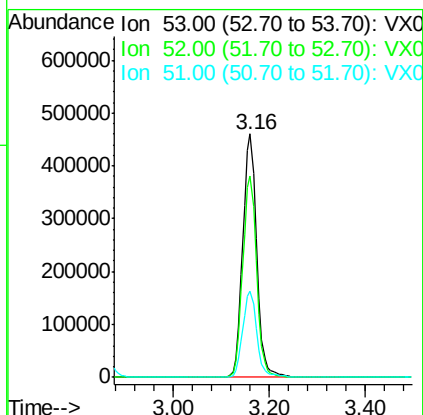
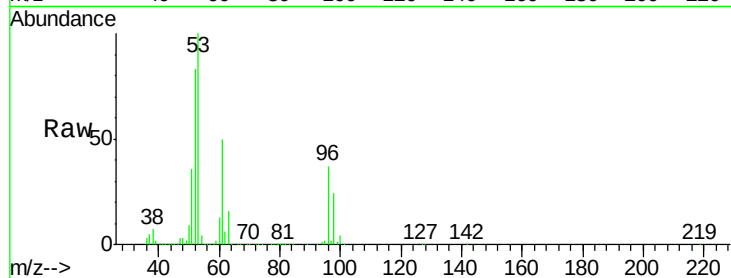
Tgt Ion: 53 Resp: 931310

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.2

51 36.2 28.6 43.0



#16

Acetone

Concen: 506.56 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001417.D

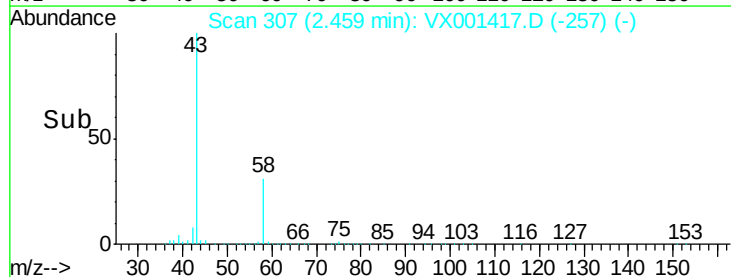
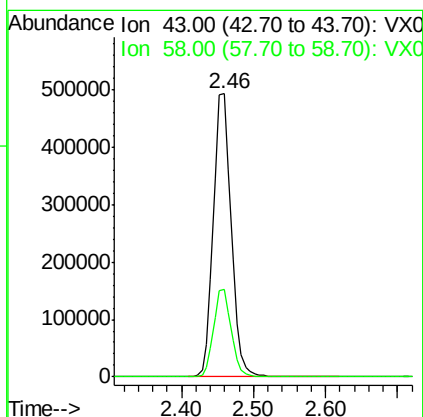
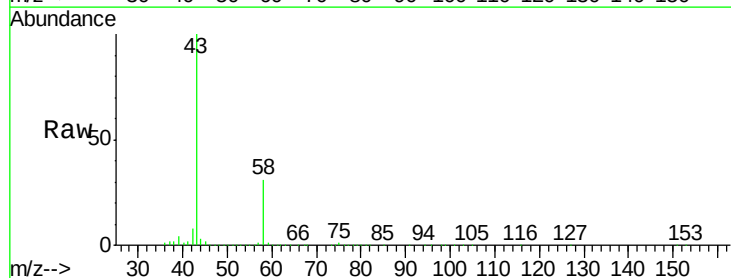
Acq: 05 May 2018 13:51

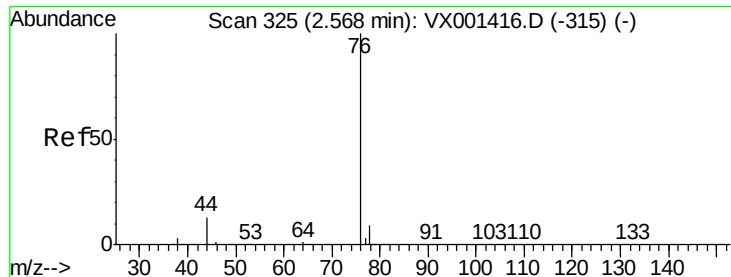
Tgt Ion: 43 Resp: 845341

Ion Ratio Lower Upper

43 100

58 31.0 23.8 35.8





#17

Carbon Disulfide

Concen: 109.93 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

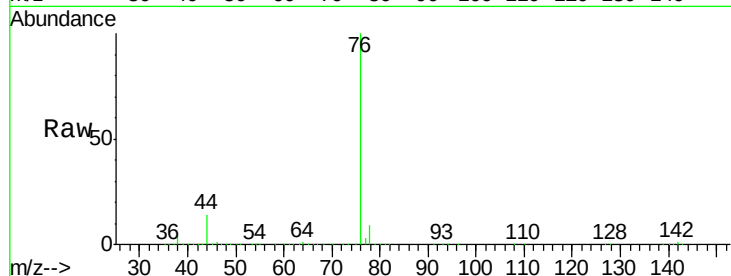
VSTDIC100

Tgt Ion: 76 Resp: 819691

Ion Ratio Lower Upper

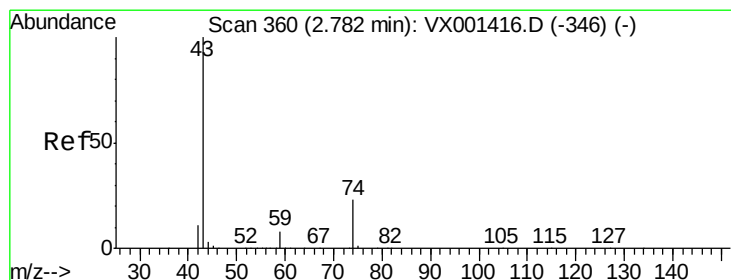
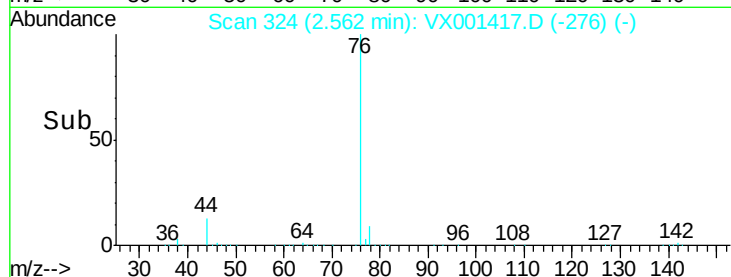
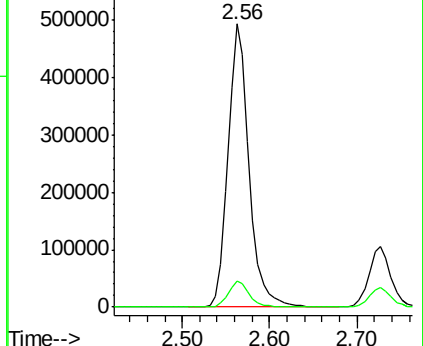
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 114.11 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001417.D

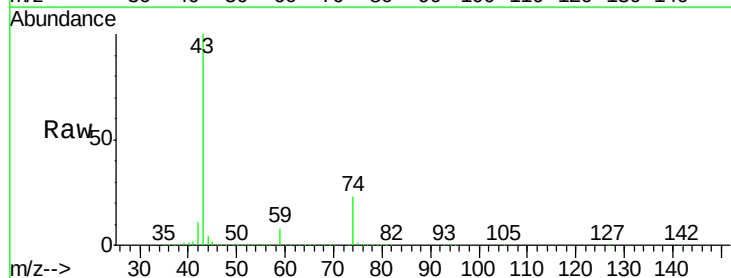
Acq: 05 May 2018 13:51

Tgt Ion: 43 Resp: 458411

Ion Ratio Lower Upper

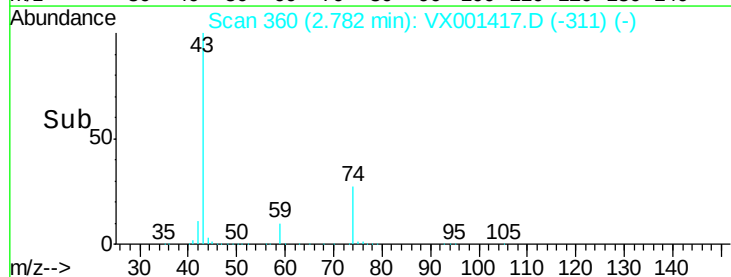
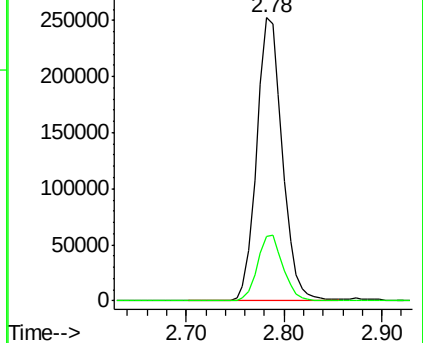
43 100

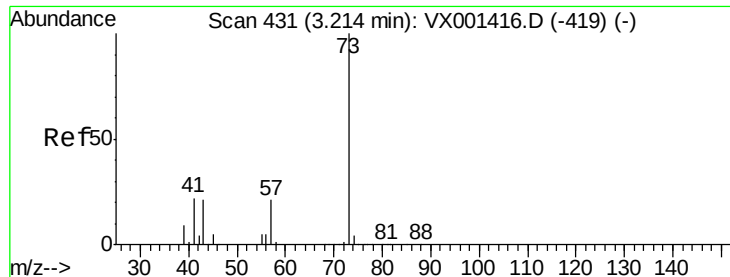
74 23.2 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

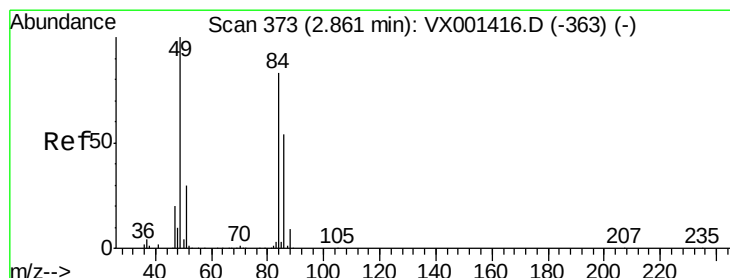
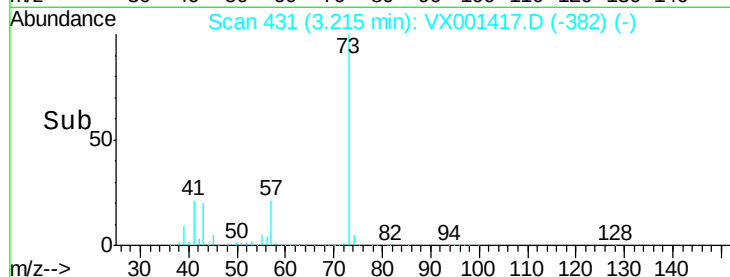
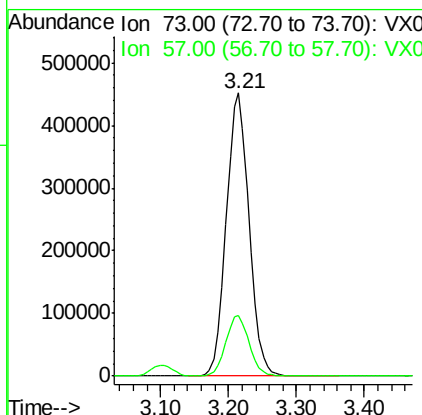
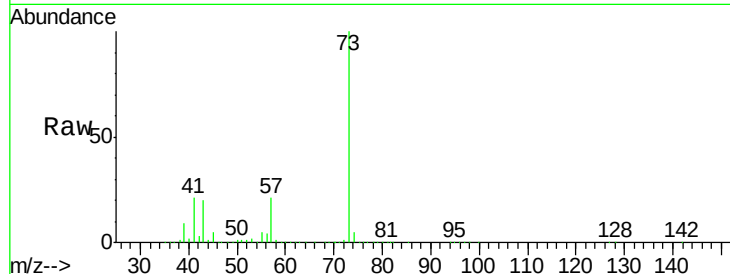




#19
Methyl tert-butyl Ether
Concen: 107.51 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

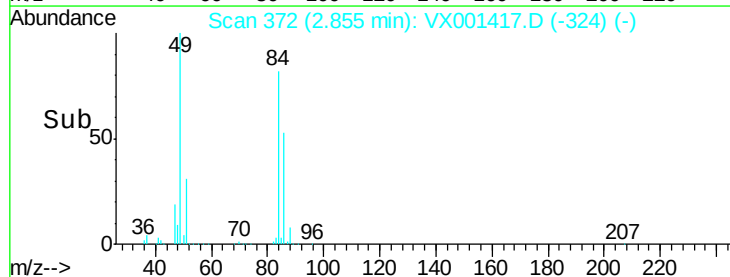
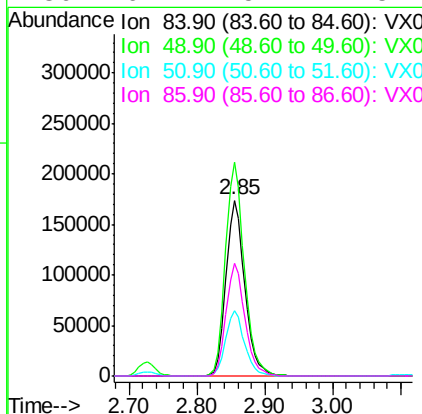
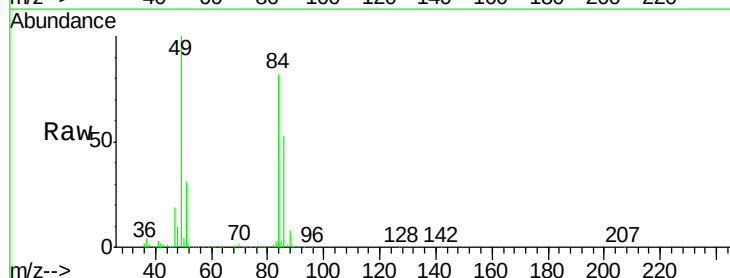
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

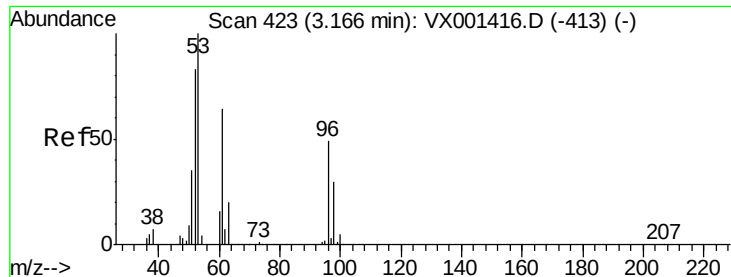
Tgt Ion: 73 Resp: 1046016
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.6



#20
Methylene Chloride
Concen: 91.95 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Tgt Ion: 84 Resp: 334044
Ion Ratio Lower Upper
84 100
49 121.6 96.6 144.8
51 37.2 29.0 43.4
86 64.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 105.66 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

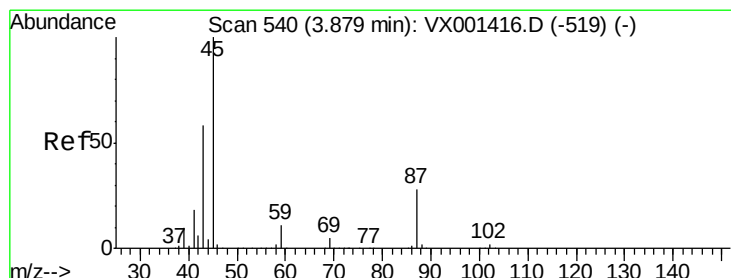
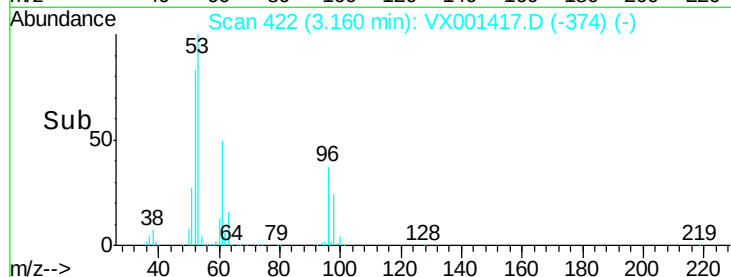
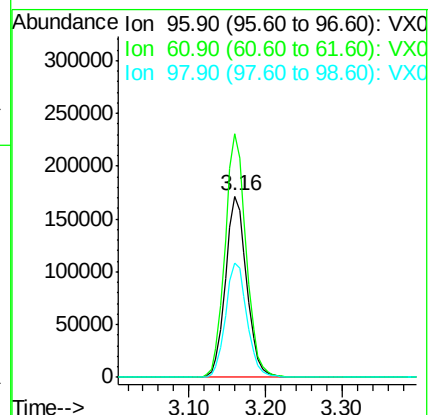
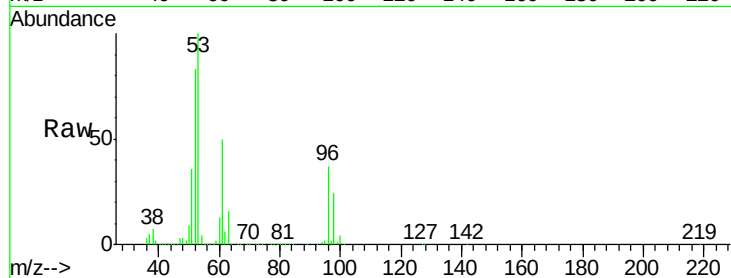
Tgt Ion: 96 Resp: 328940

Ion Ratio Lower Upper

96 100

61 134.2 105.0 157.4

98 63.3 49.9 74.9



#22

Diisopropyl ether

Concen: 111.38 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Tgt Ion: 45 Resp: 1075067

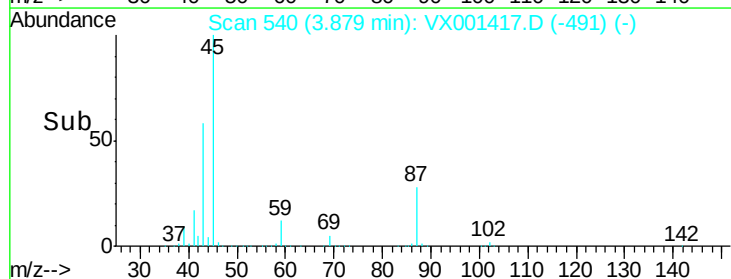
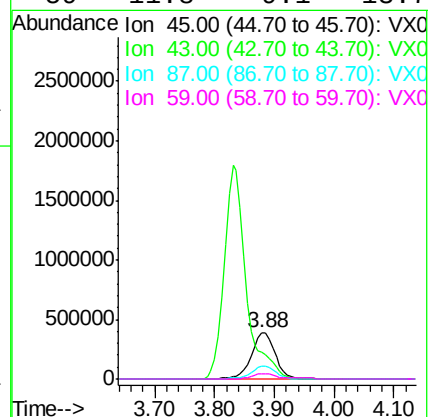
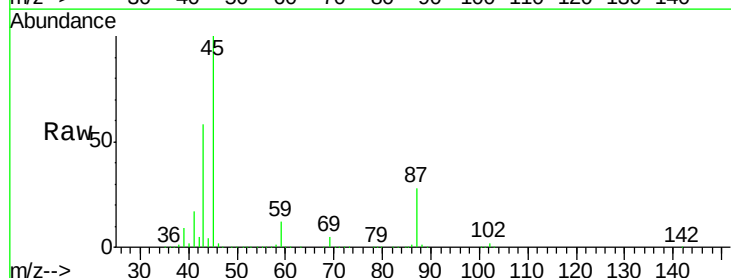
Ion Ratio Lower Upper

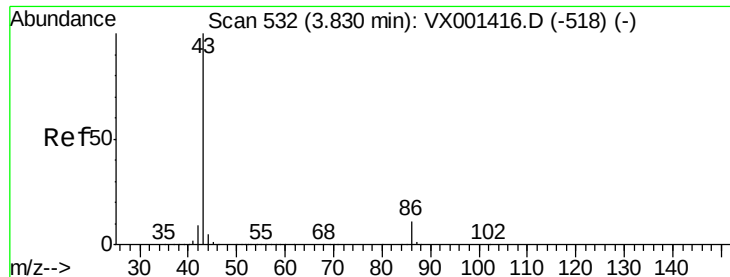
45 100

43 58.3 46.5 69.7

87 28.0 22.6 34.0

59 11.8 9.1 13.7





#23

Vinyl Acetate

Concen: 564.18 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

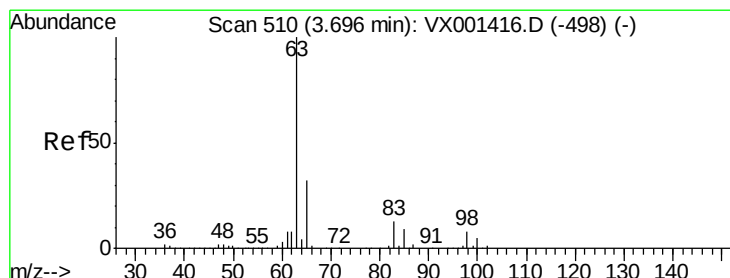
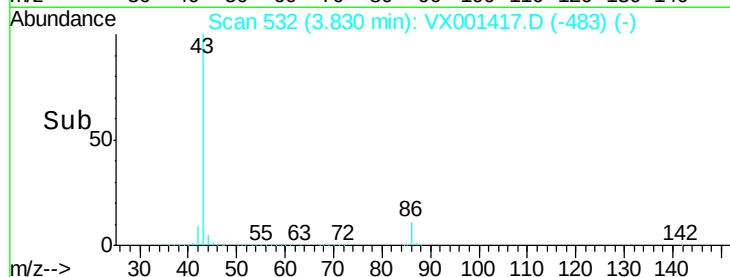
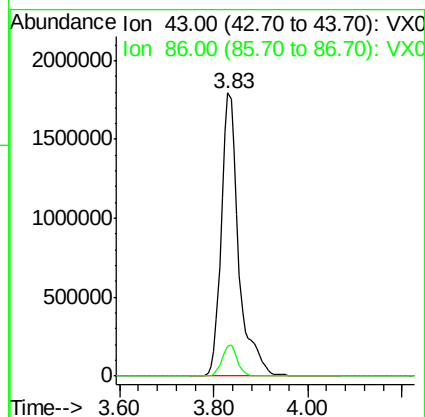
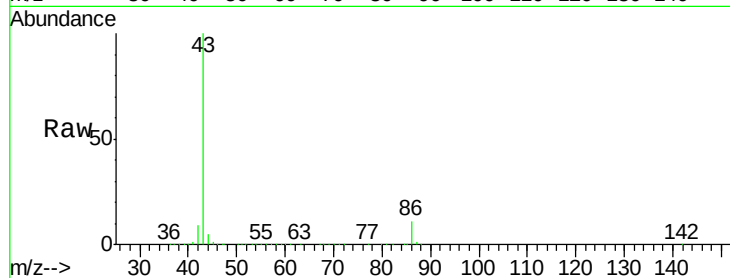
VSTDICC100

Tgt Ion: 43 Resp: 4609630

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 107.84 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

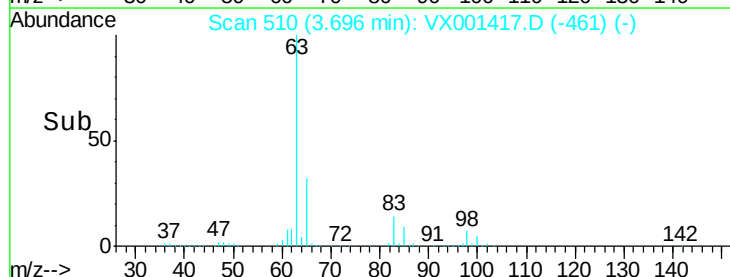
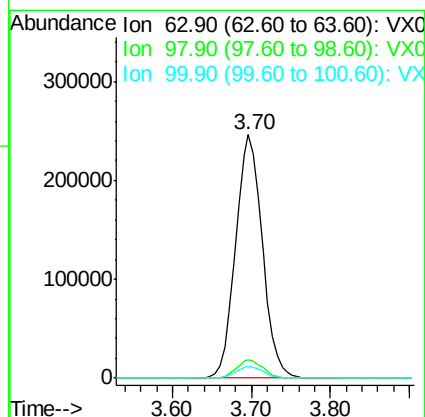
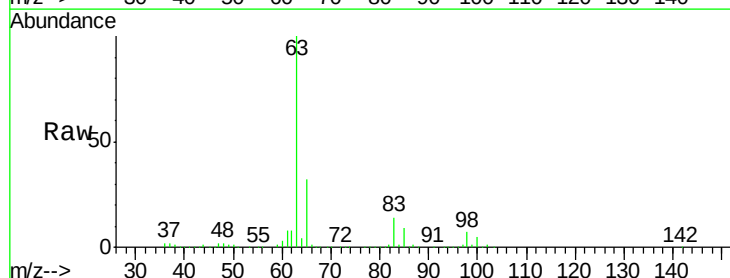
Tgt Ion: 63 Resp: 581204

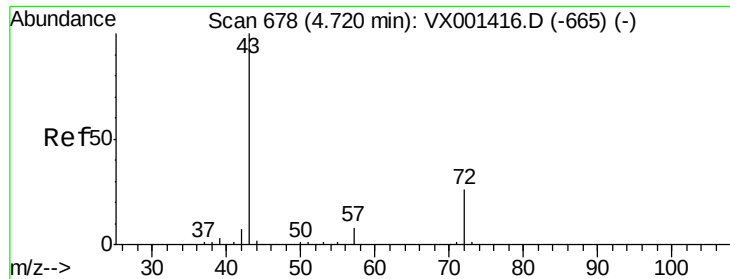
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 558.80 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

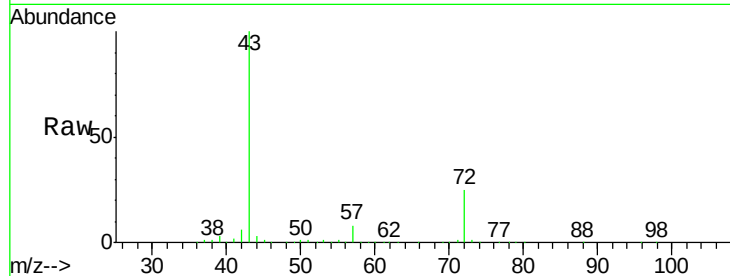
VSTDIC100

Tgt Ion: 43 Resp: 1280999

Ion Ratio Lower Upper

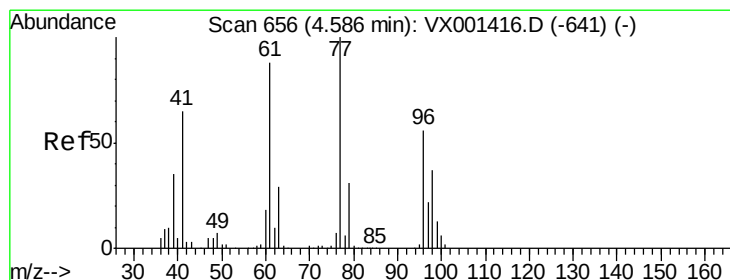
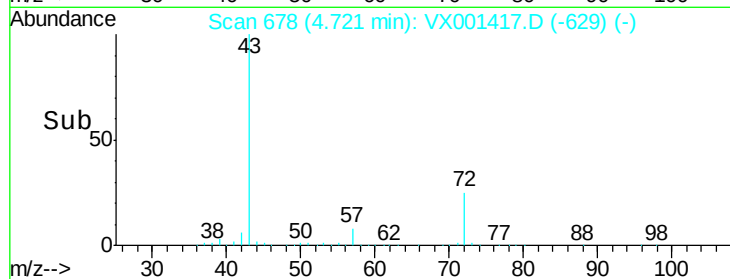
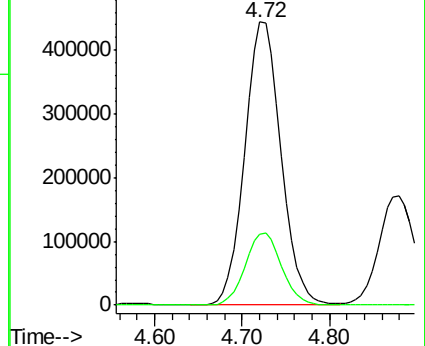
43 100

72 25.1 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 111.59 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001417.D

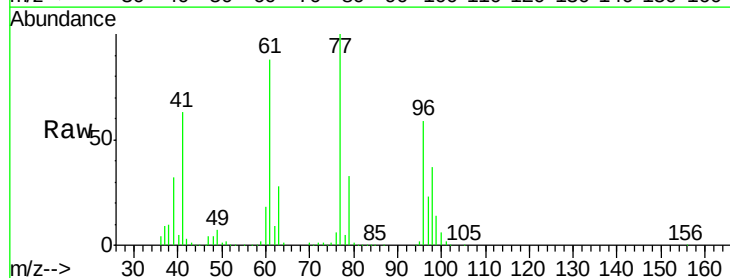
Acq: 05 May 2018 13:51

Tgt Ion: 77 Resp: 486102

Ion Ratio Lower Upper

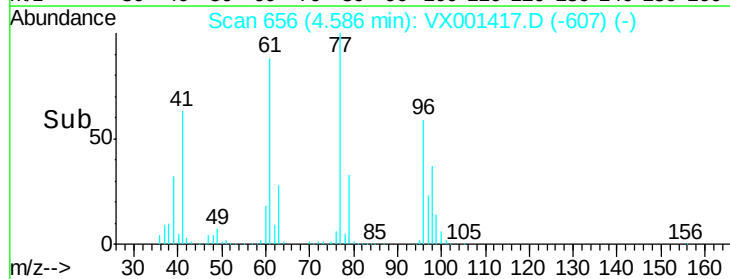
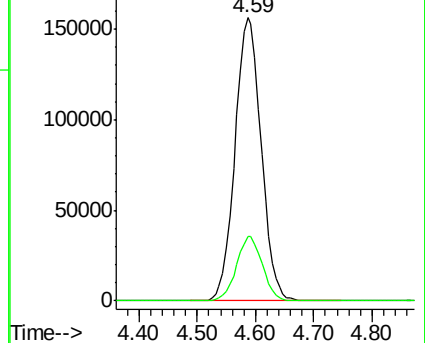
77 100

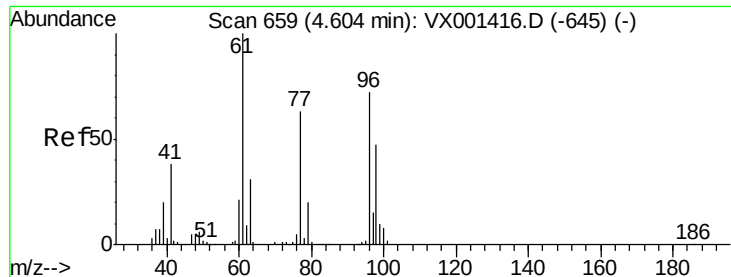
97 22.5 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



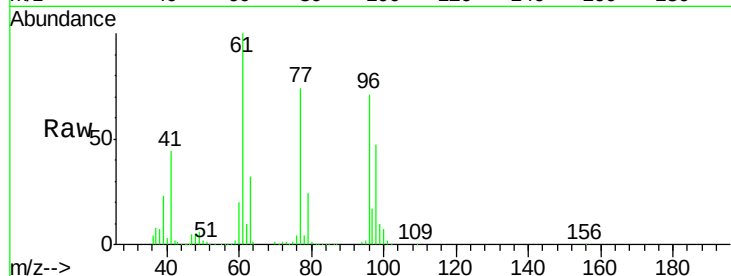


#27

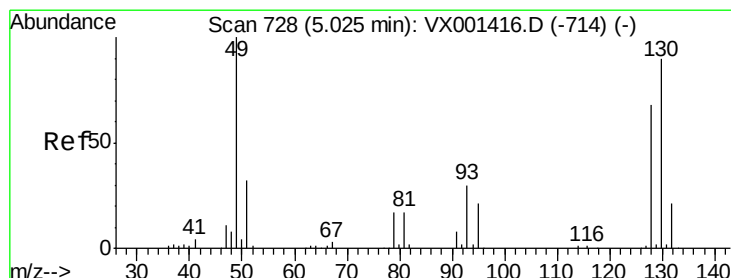
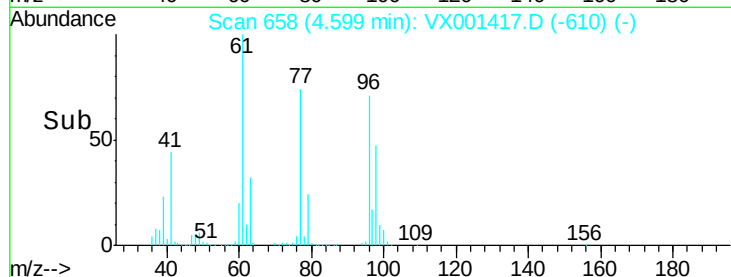
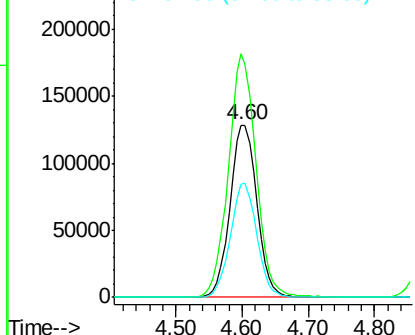
cis-1,2-Dichloroethene
Concen: 105.96 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	301.6
98	65.3	0.0	131.6



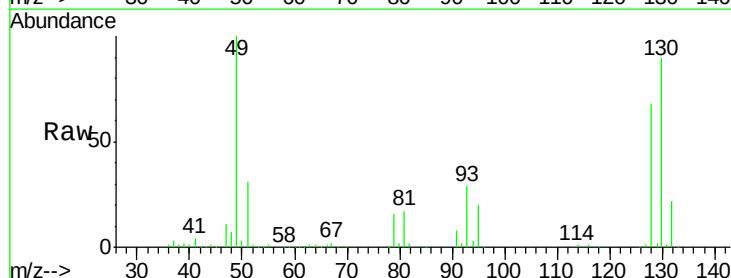
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



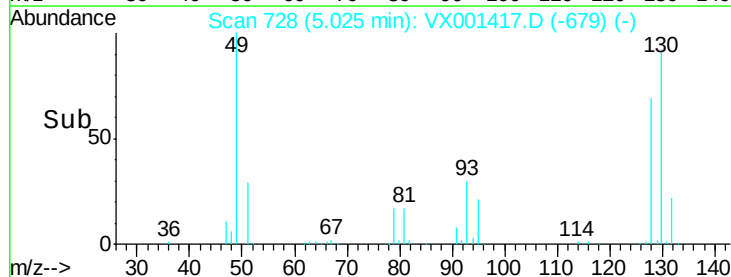
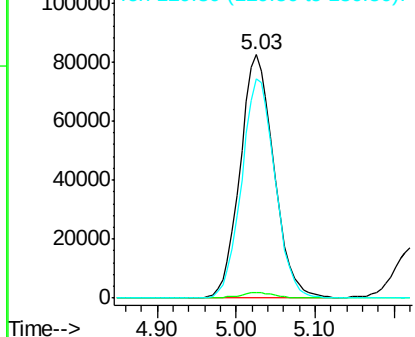
#28

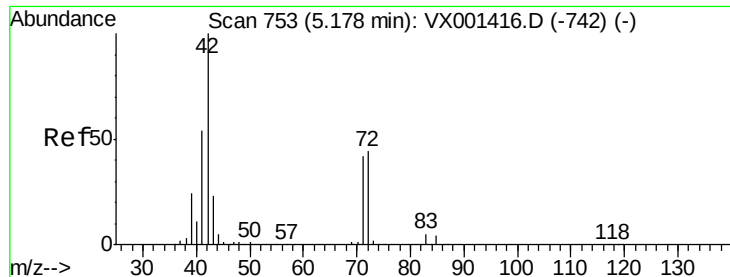
Bromochloromethane
Concen: 103.17 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	88.9	71.9	107.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 581.68 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

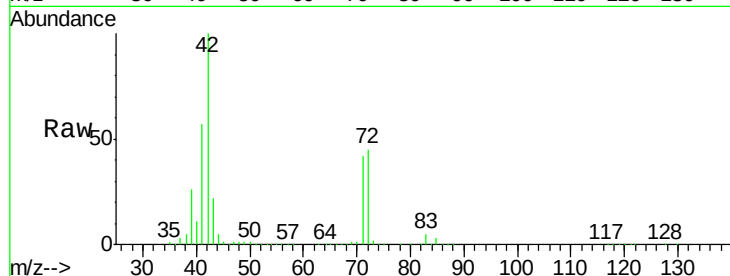
Tgt Ion: 42 Resp: 826597

Ion Ratio Lower Upper

42 100

72 44.6 35.4 53.2

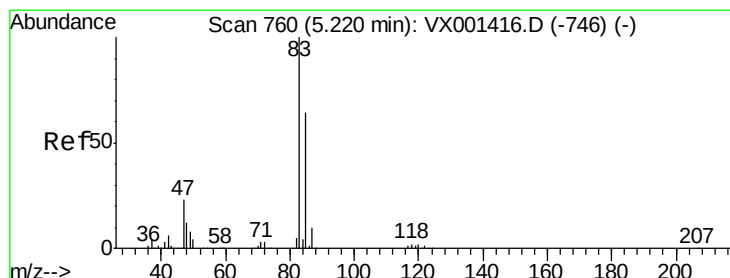
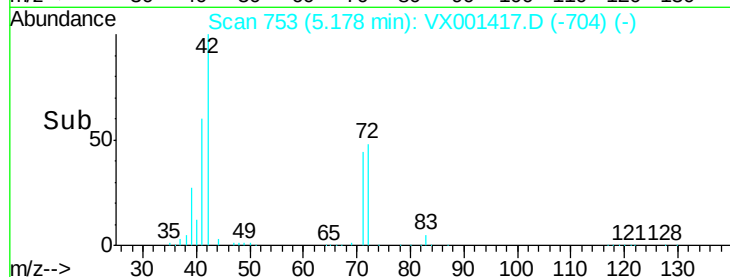
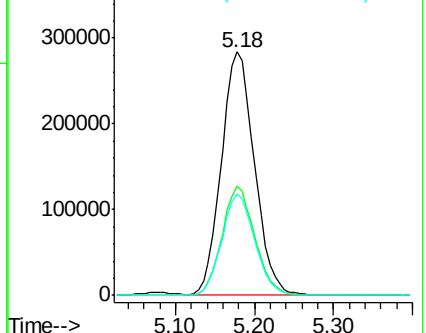
71 41.6 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 107.28 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001417.D

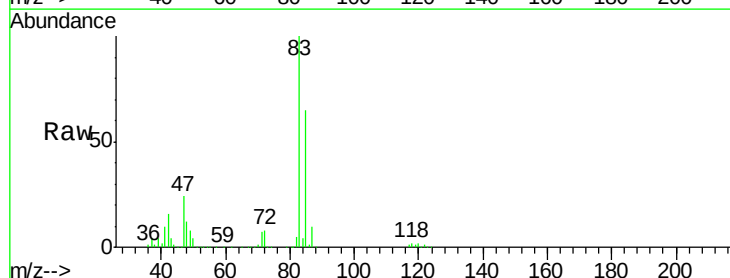
Acq: 05 May 2018 13:51

Tgt Ion: 83 Resp: 608454

Ion Ratio Lower Upper

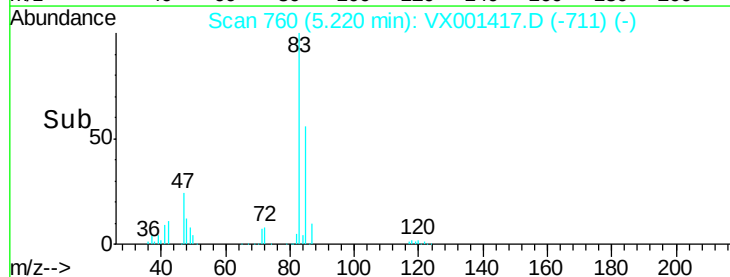
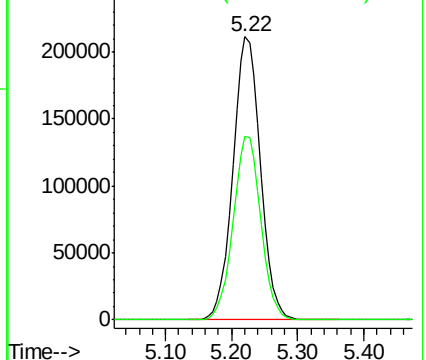
83 100

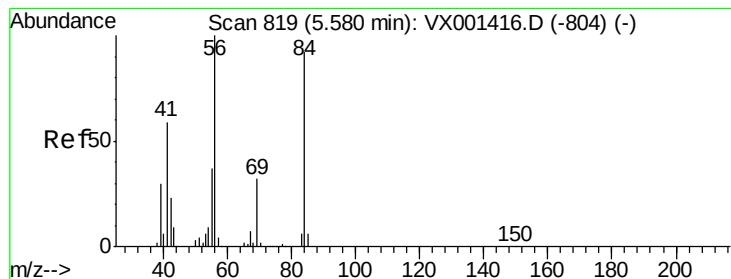
85 64.7 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 106.86 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

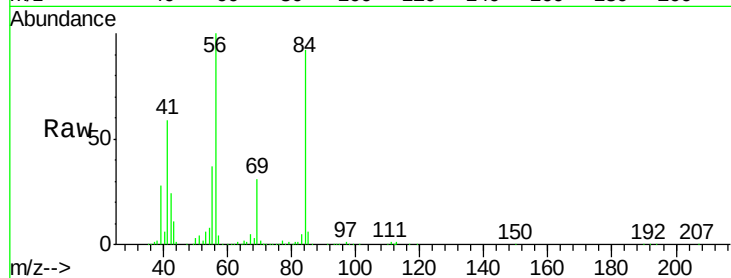
Tgt Ion: 56 Resp: 517764

Ion Ratio Lower Upper

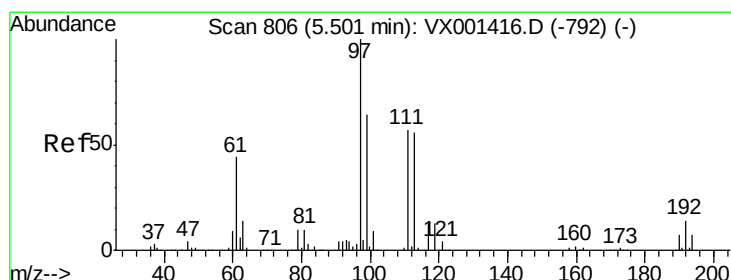
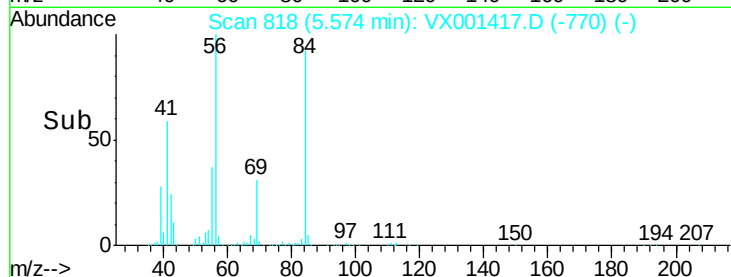
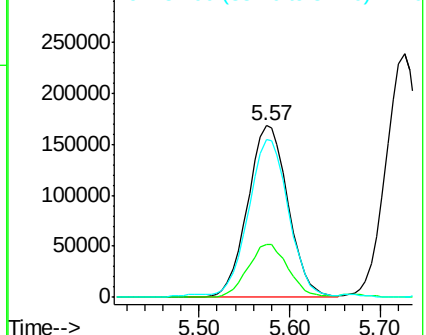
56 100

69 31.1 25.4 38.0

84 90.8 73.8 110.8



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



#32

1,1,1-Trichloroethane

Concen: 112.16 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

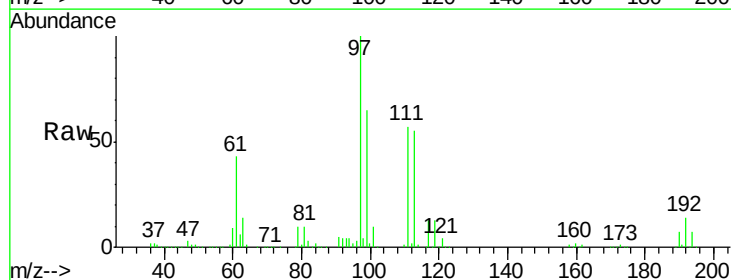
Tgt Ion: 97 Resp: 556092

Ion Ratio Lower Upper

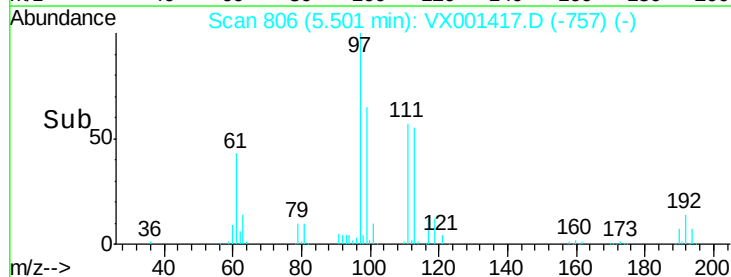
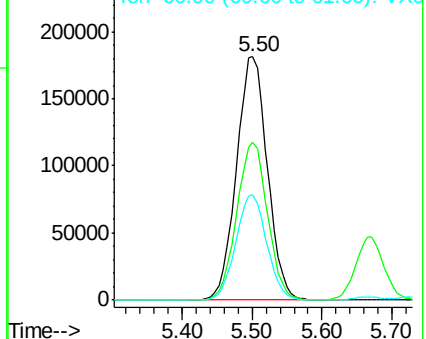
97 100

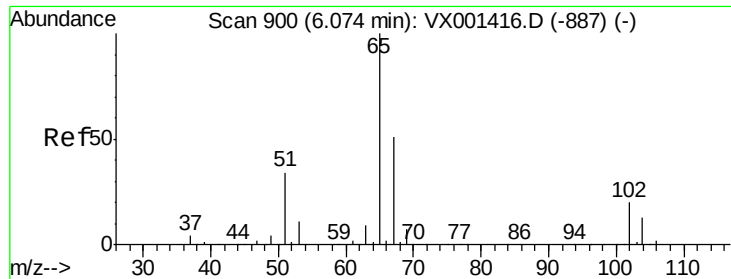
99 64.5 51.3 76.9

61 43.2 34.8 52.2



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

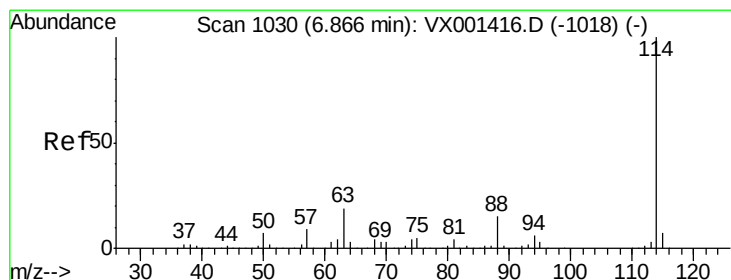
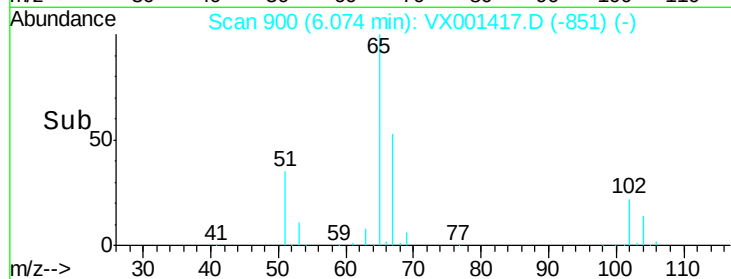
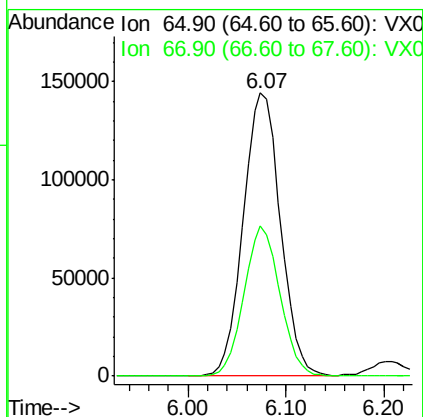
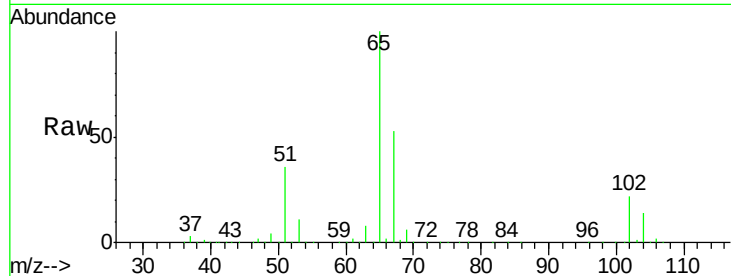




#33
 1,2-Dichloroethane-d4
 Concen: 97.58 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

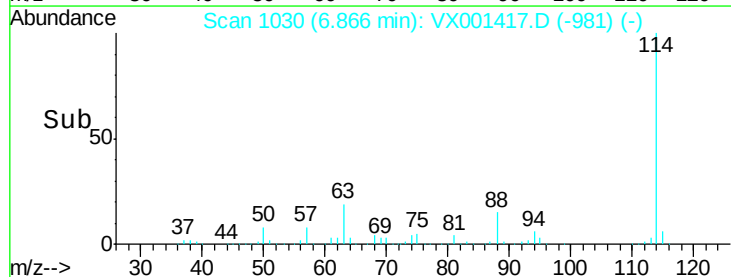
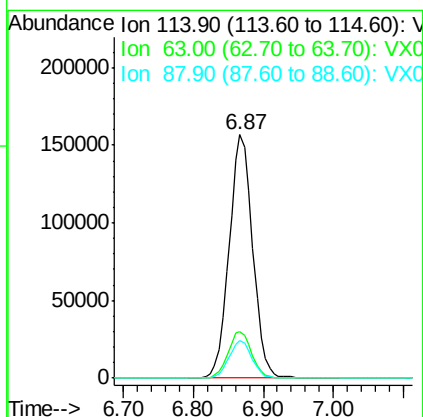
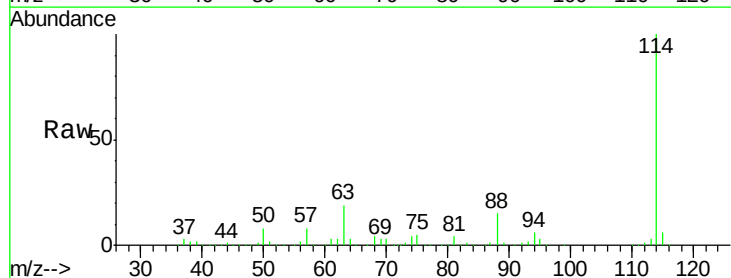
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

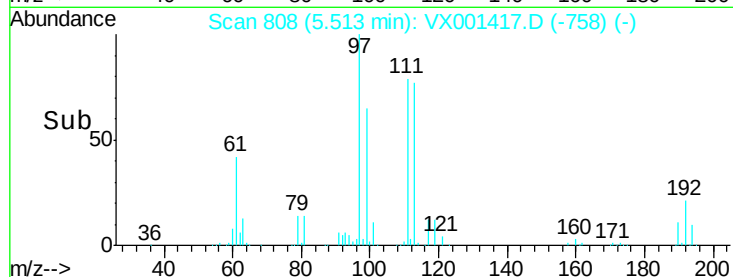
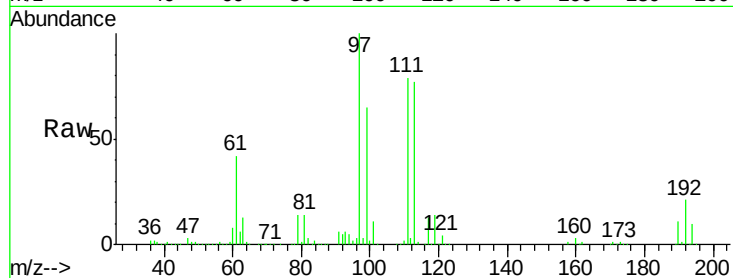
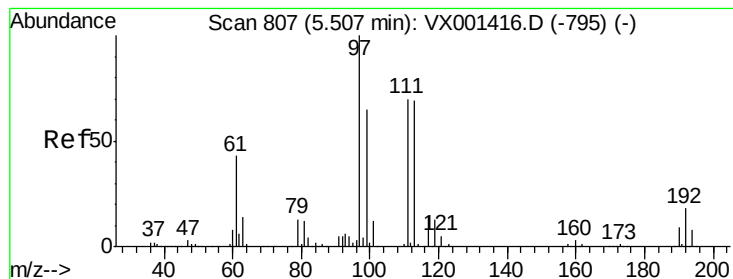
Tgt Ion: 65 Resp: 381129
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

Tgt Ion: 114 Resp: 364789
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 100.31 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

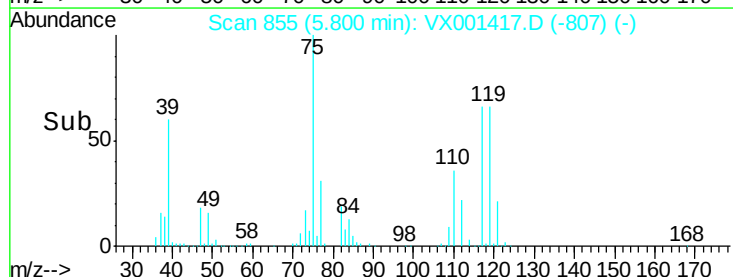
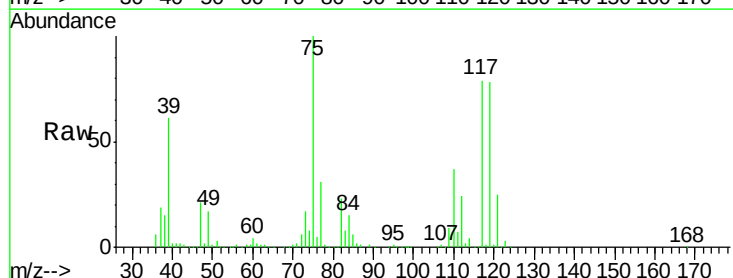
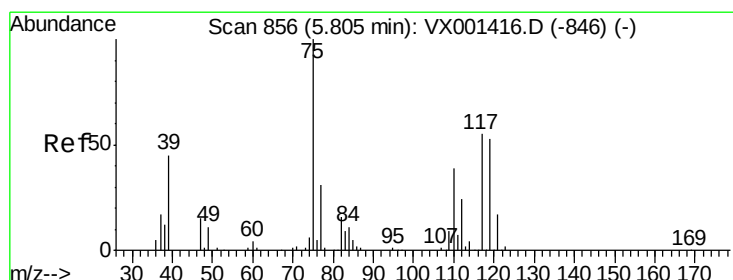
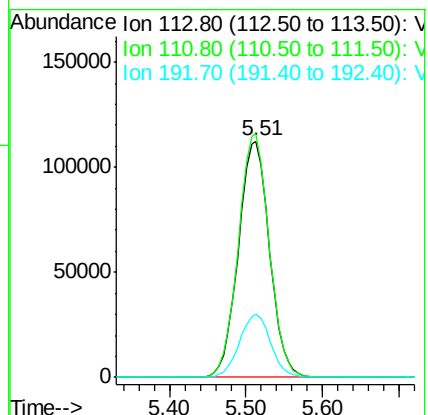
Tgt Ion:113 Resp: 317745

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

192 26.9 21.4 32.0



#36

1,1-Dichloropropene

Concen: 105.86 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

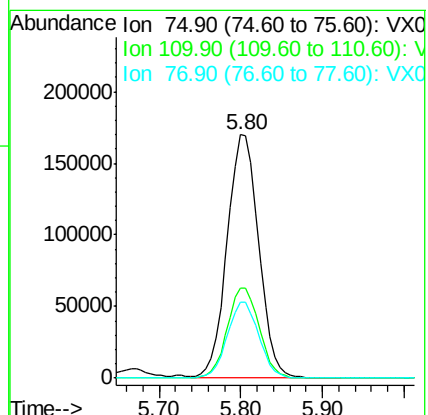
Tgt Ion: 75 Resp: 455360

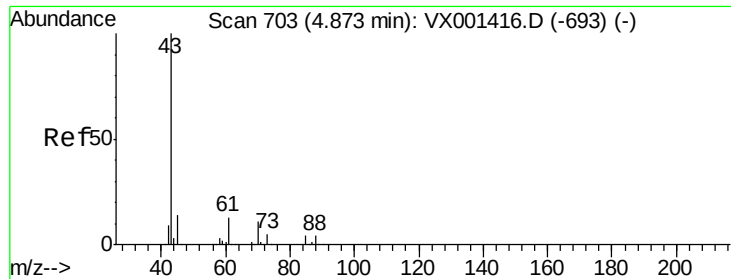
Ion Ratio Lower Upper

75 100

110 37.4 18.9 56.7

77 31.0 24.9 37.3

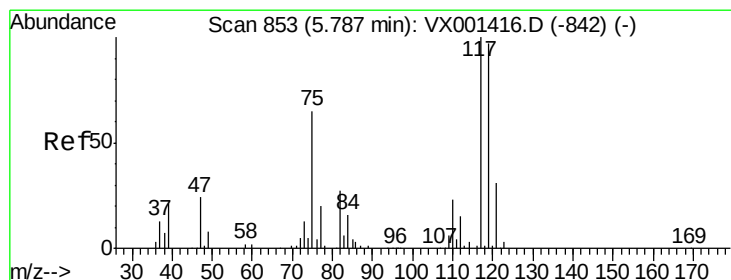
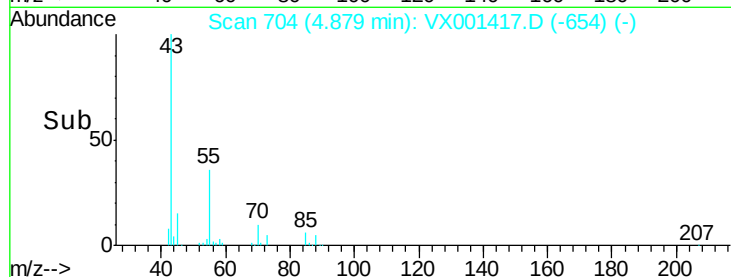
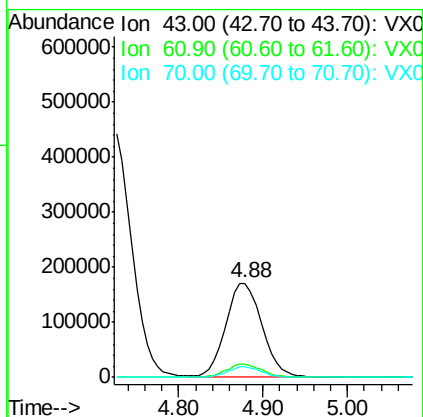
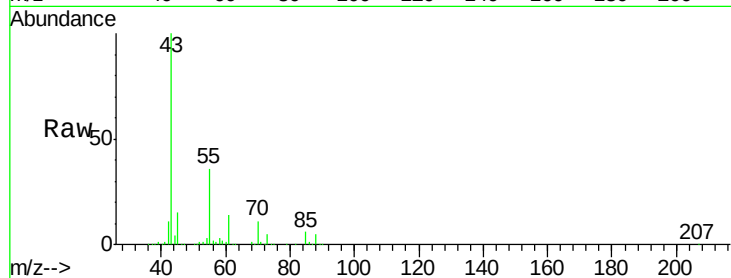




#37
Ethyl Acetate
Concen: 113.62 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

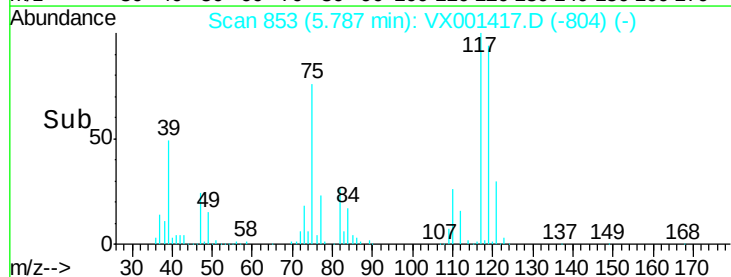
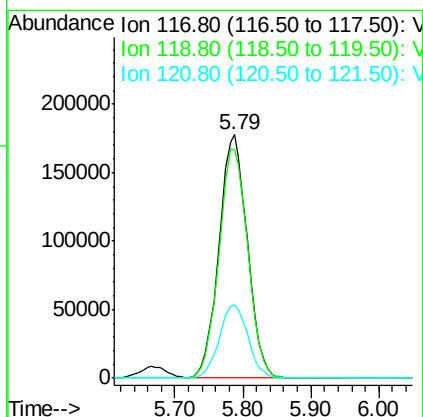
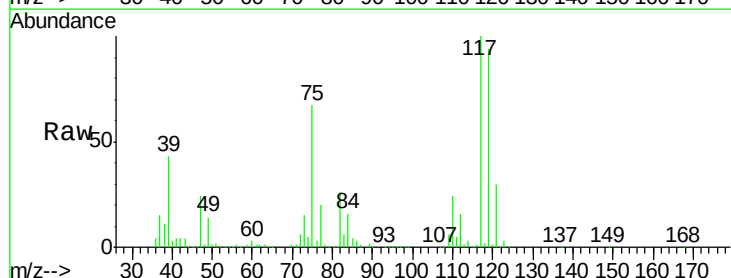
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

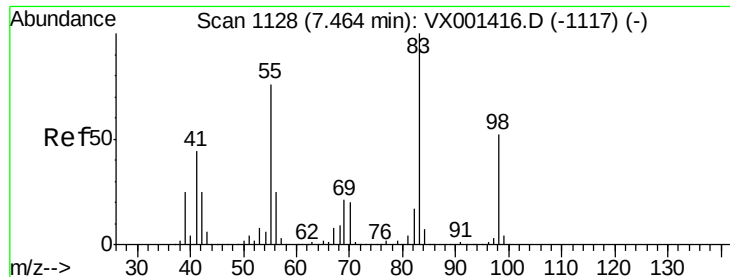
Tgt Ion: 43 Resp: 499305
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 10.6 8.4 12.6



#38
Carbon Tetrachloride
Concen: 113.07 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Tgt Ion: 117 Resp: 511685
Ion Ratio Lower Upper
117 100
119 93.8 77.0 115.6
121 30.4 25.1 37.7

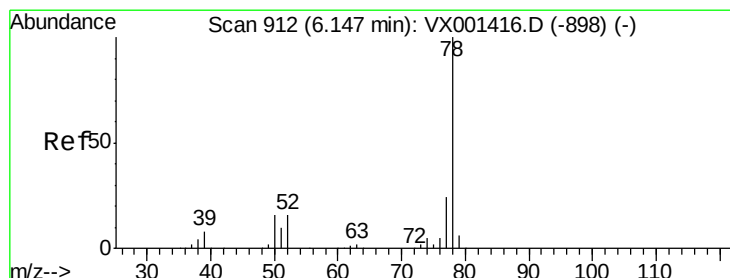
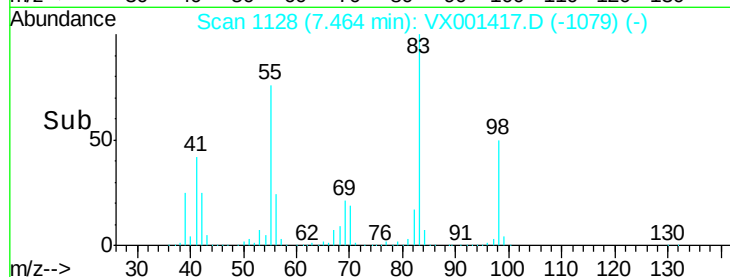
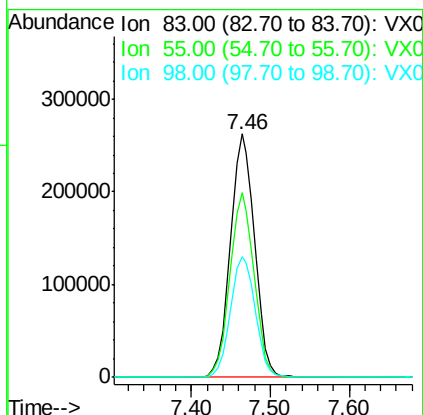
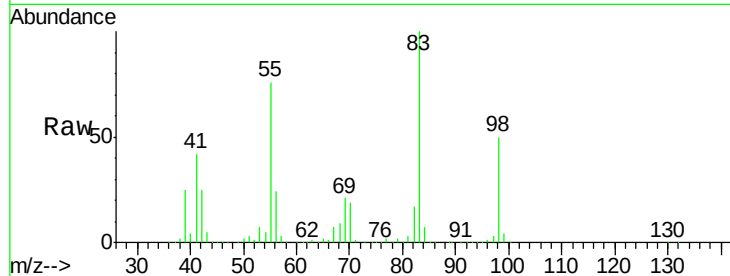




#39
Methylcyclohexane
Concen: 110.30 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

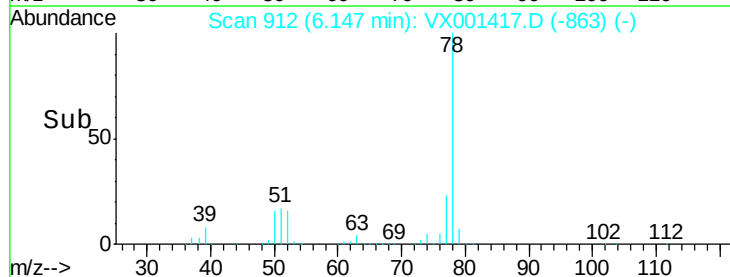
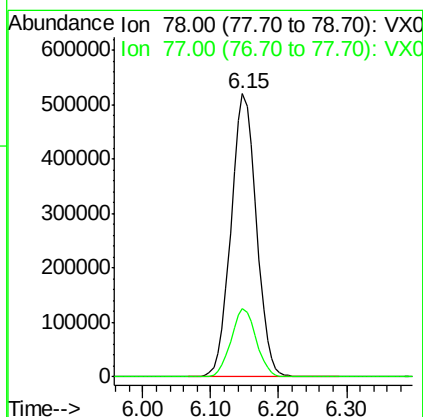
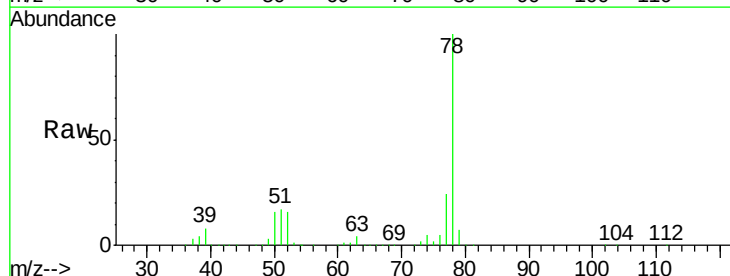
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

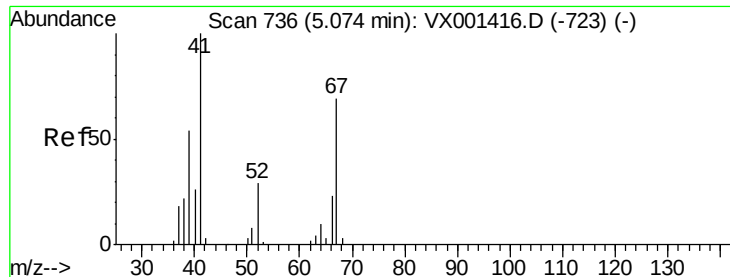
Tgt Ion: 83 Resp: 561393
Ion Ratio Lower Upper
83 100
55 75.7 60.9 91.3
98 49.5 41.9 62.9



#40
Benzene
Concen: 108.57 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Tgt Ion: 78 Resp: 1345457
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.2

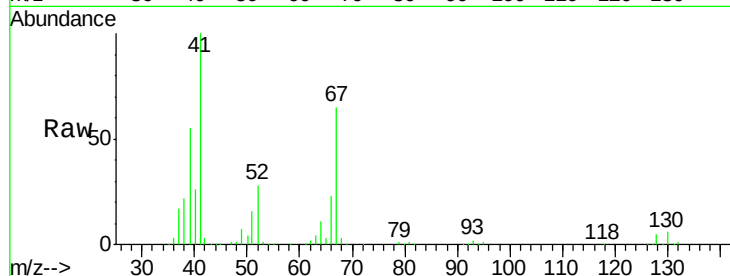




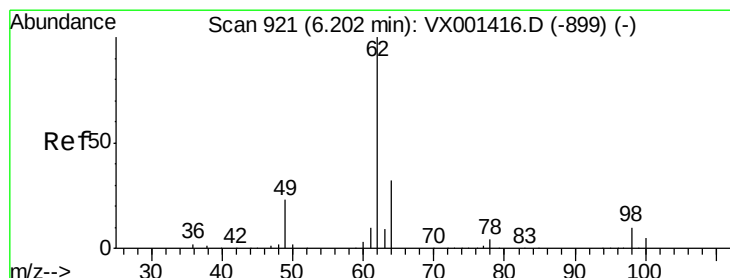
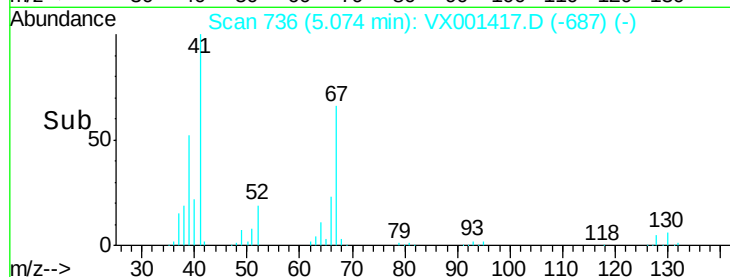
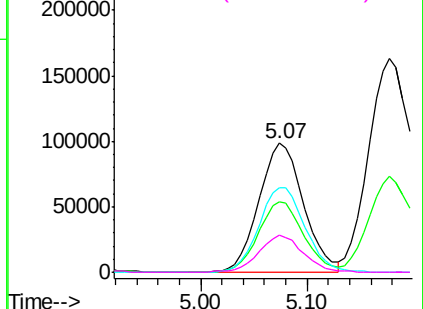
#41
Methacrylonitrile
Concen: 112.43 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:	41	Resp:	287052
Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.0	67.6
67	67.7	55.0	82.6
52	28.7	23.4	35.0

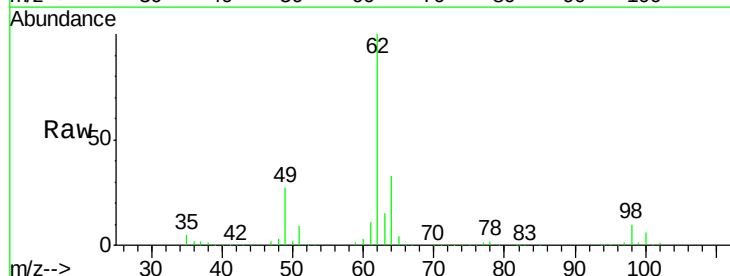


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

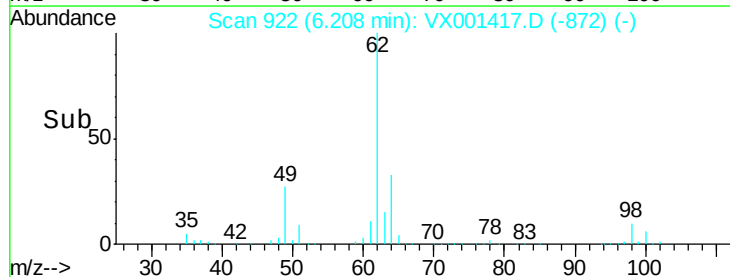
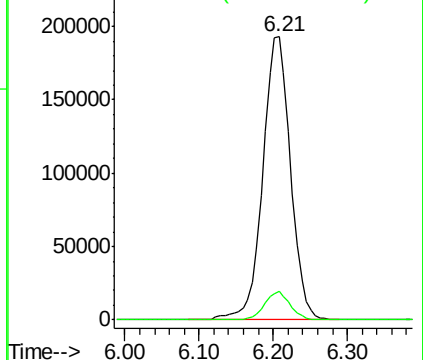


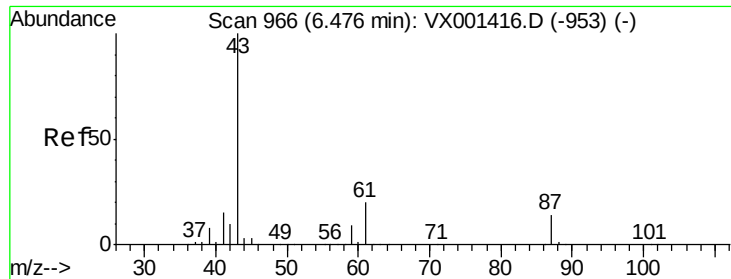
#42
1,2-Dichloroethane
Concen: 104.50 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Tgt Ion:	62	Resp:	501907
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 115.89 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

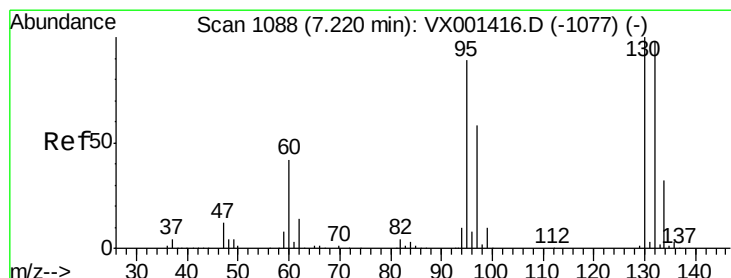
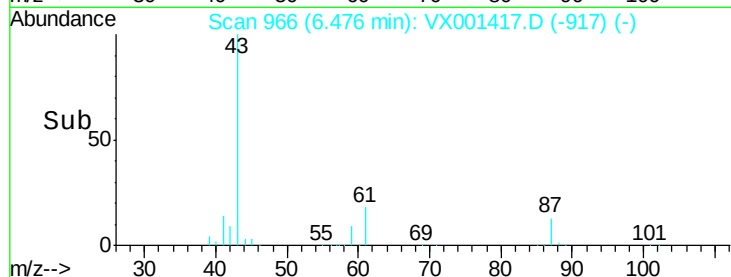
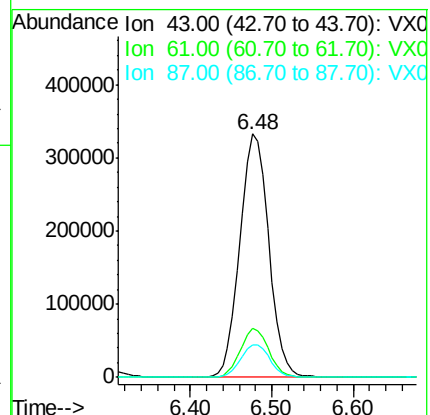
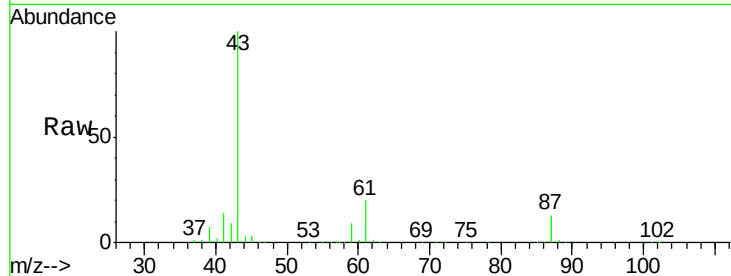
Tgt Ion: 43 Resp: 816606

Ion Ratio Lower Upper

43 100

61 19.8 15.4 23.0

87 13.7 10.8 16.2



#44

Trichloroethene

Concen: 108.28 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001417.D

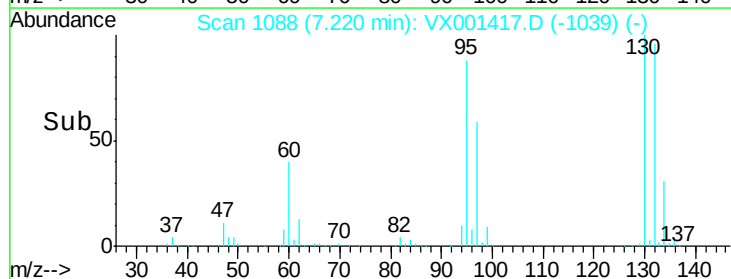
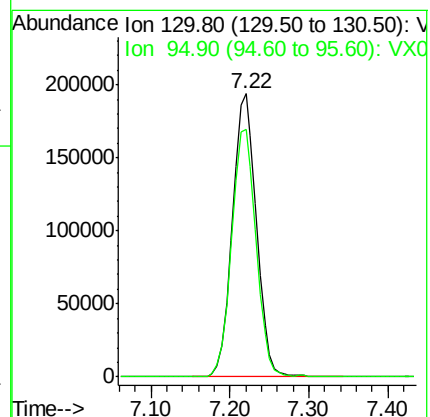
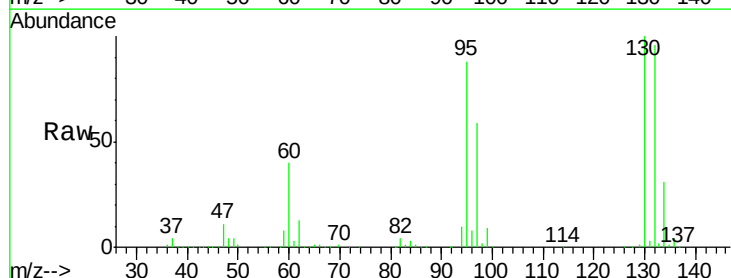
Acq: 05 May 2018 13:51

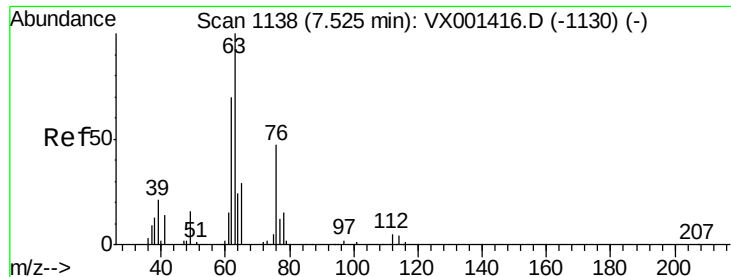
Tgt Ion: 130 Resp: 410598

Ion Ratio Lower Upper

130 100

95 87.7 0.0 178.4

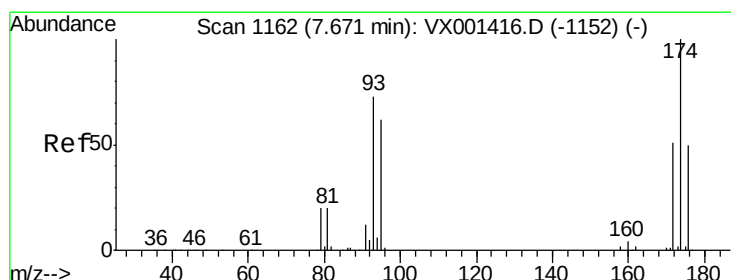
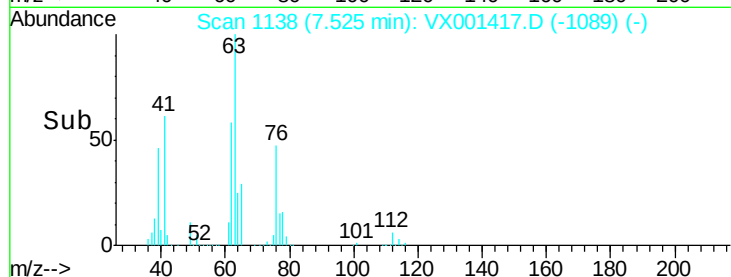
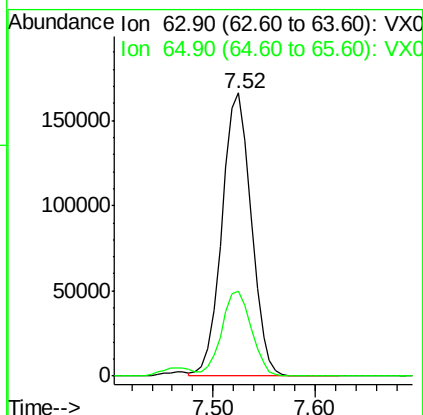
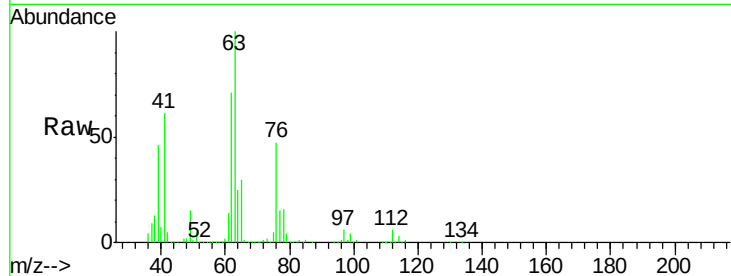




#45
 1,2-Dichloropropane
 Concen: 104.85 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

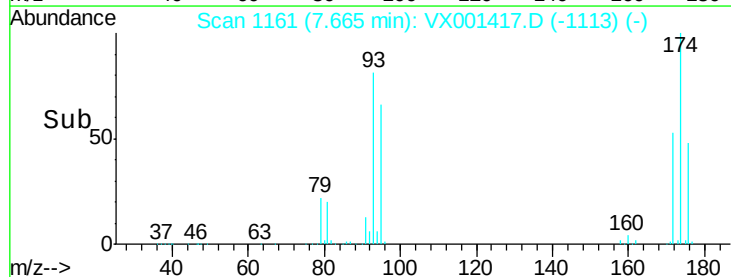
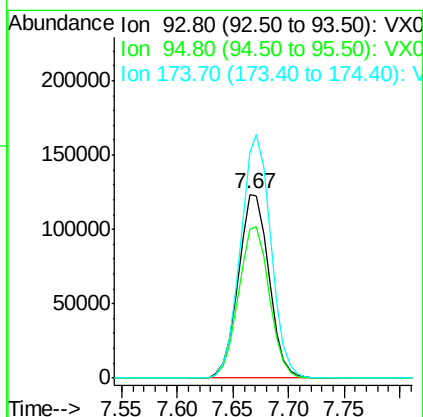
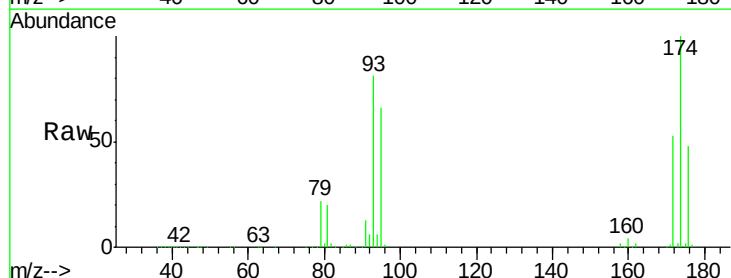
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

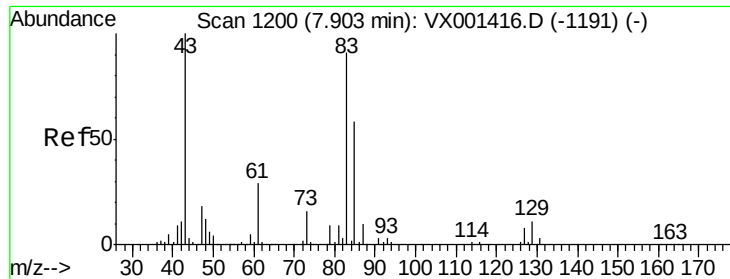
Tgt Ion: 63 Resp: 330920
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.5 36.7



#46
 Dibromomethane
 Concen: 106.44 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

Tgt Ion: 93 Resp: 236569
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.0 100.4
 174 131.1 104.5 156.7

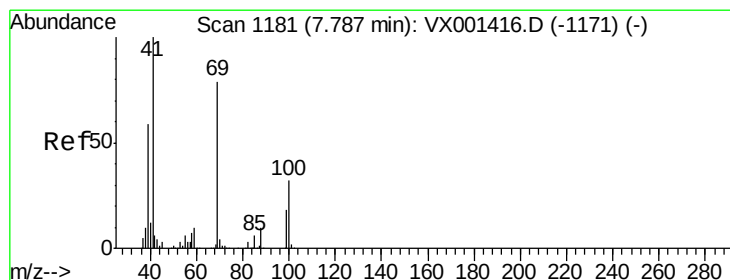
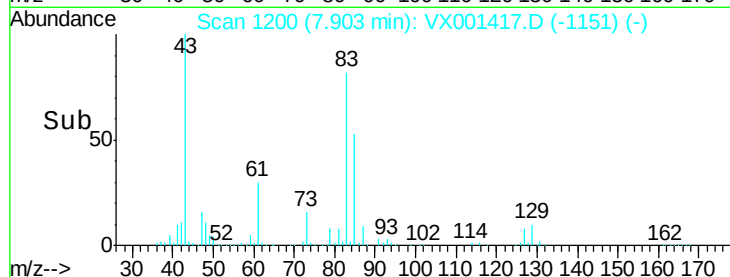
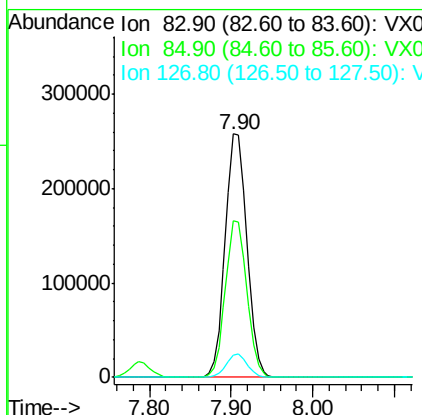
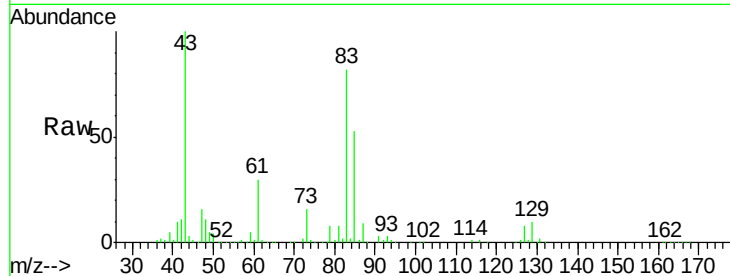




#47
 Bromodichloromethane
 Concen: 118.44 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

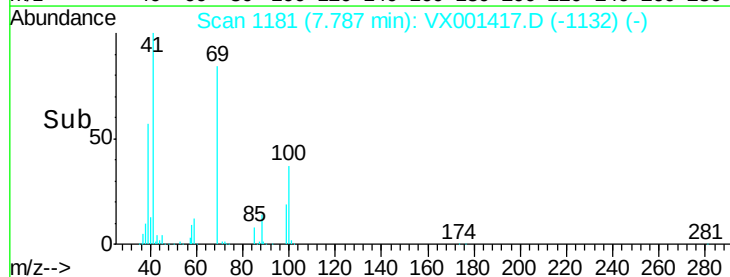
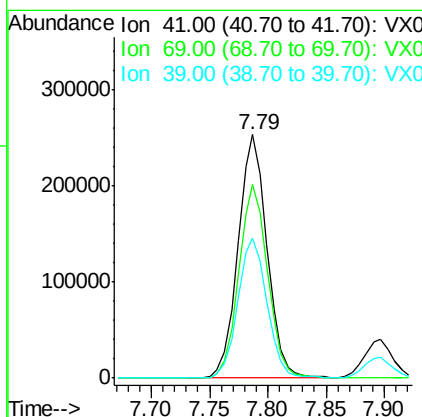
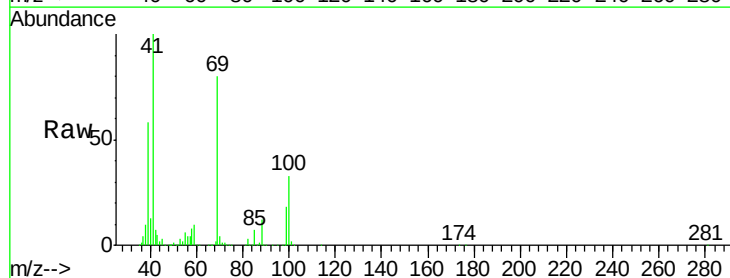
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

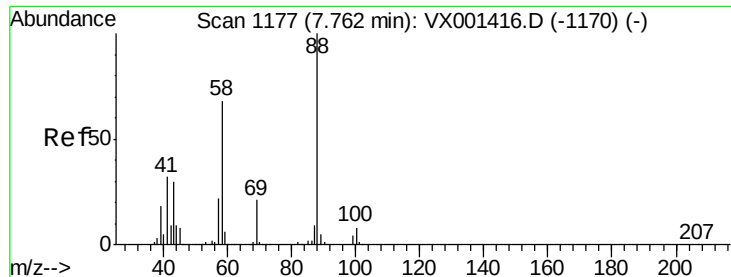
Tgt Ion: 83 Resp: 473869
 Ion Ratio Lower Upper
 83 100
 85 64.1 51.0 76.6
 127 9.1 7.4 11.2



#48
 Methyl methacrylate
 Concen: 116.34 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

Tgt Ion: 41 Resp: 438871
 Ion Ratio Lower Upper
 41 100
 69 79.9 63.4 95.2
 39 58.1 47.0 70.4

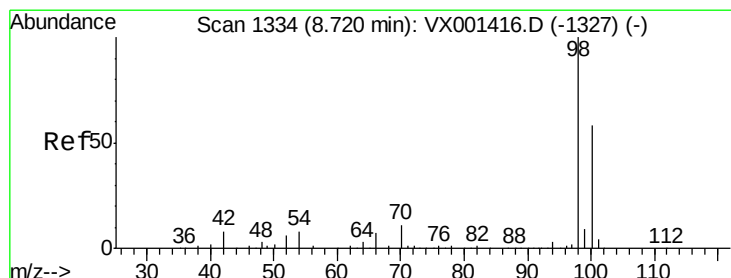
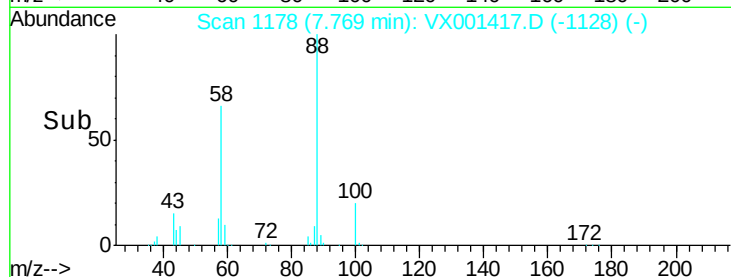
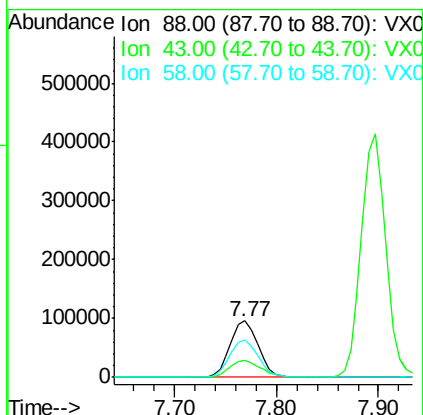
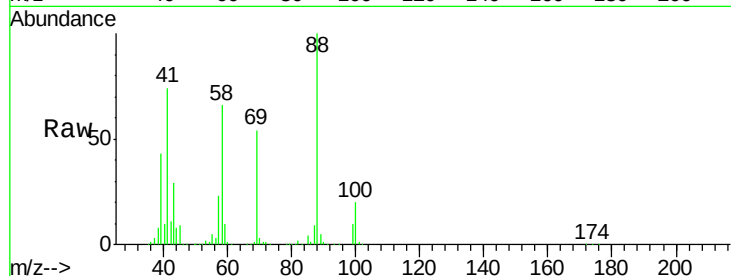




#49
1,4-Dioxane
Concen: 2491.15 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

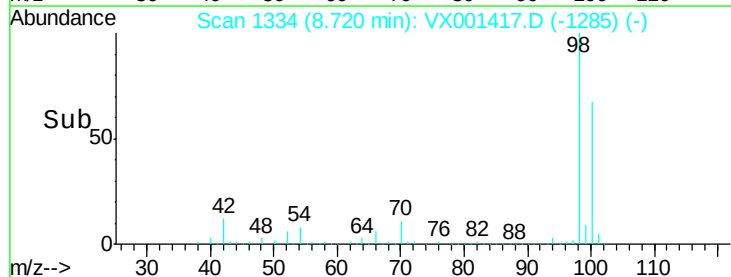
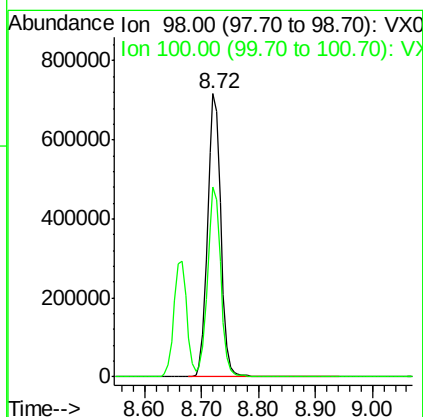
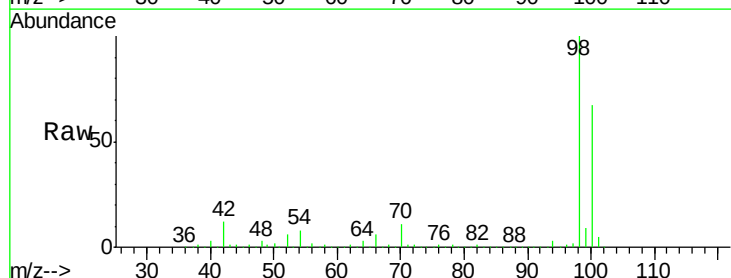
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

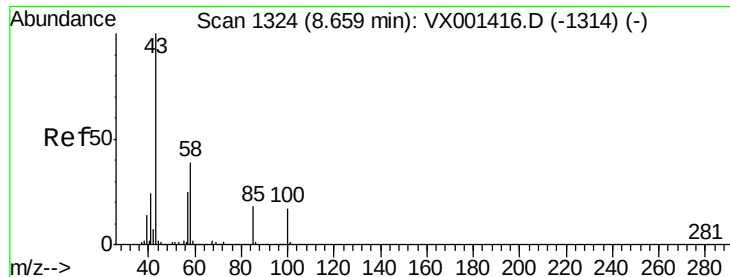
Tgt Ion: 88 Resp: 181544
Ion Ratio Lower Upper
88 100
43 33.4 26.4 39.6
58 67.6 54.1 81.1



#50
Toluene-d8
Concen: 103.36 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Tgt Ion: 98 Resp: 1166582
Ion Ratio Lower Upper
98 100
100 67.0 54.0 81.0





#51

4-Methyl-2-Pentanone

Concen: 583.33 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

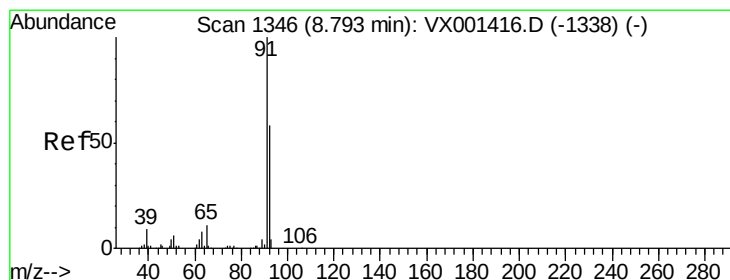
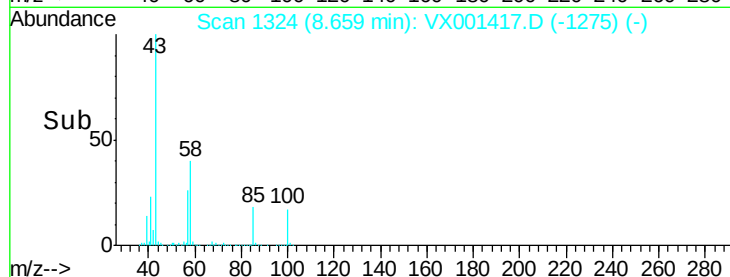
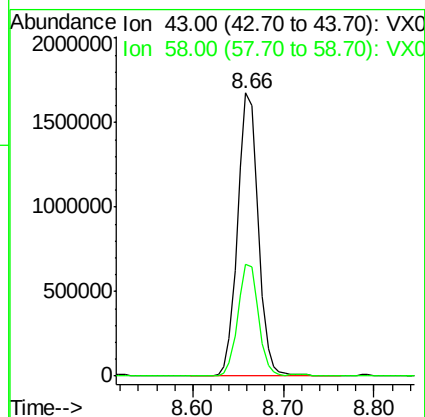
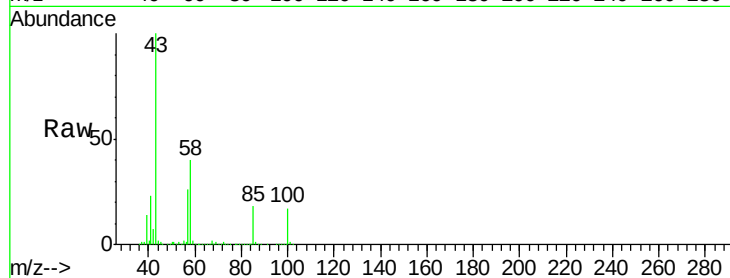
VSTDIC100

Tgt Ion: 43 Resp: 2658441

Ion Ratio Lower Upper

43 100

58 39.5 30.8 46.2



#52

Toluene

Concen: 109.72 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001417.D

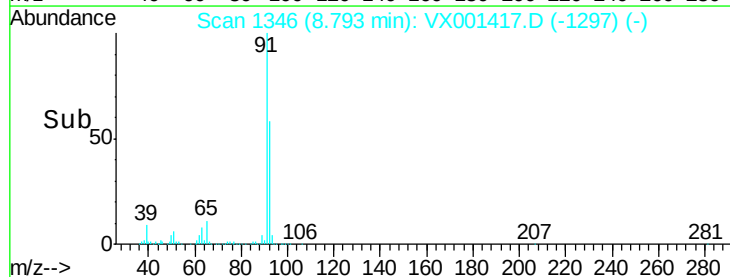
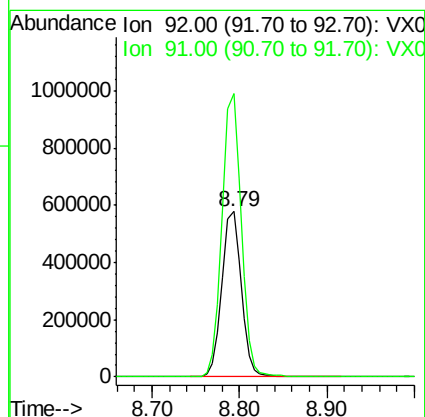
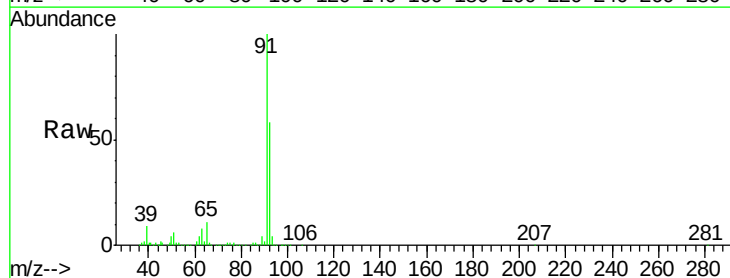
Acq: 05 May 2018 13:51

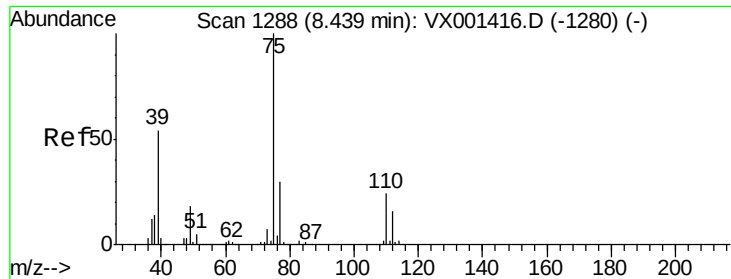
Tgt Ion: 92 Resp: 889232

Ion Ratio Lower Upper

92 100

91 170.1 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 118.67 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

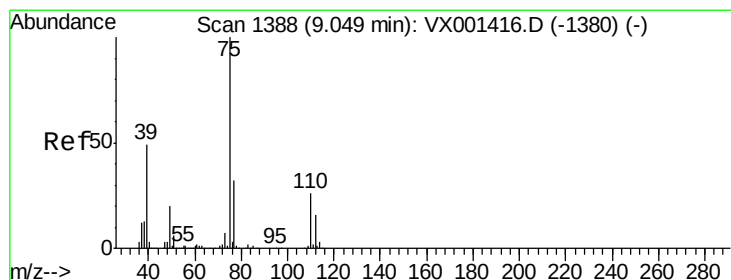
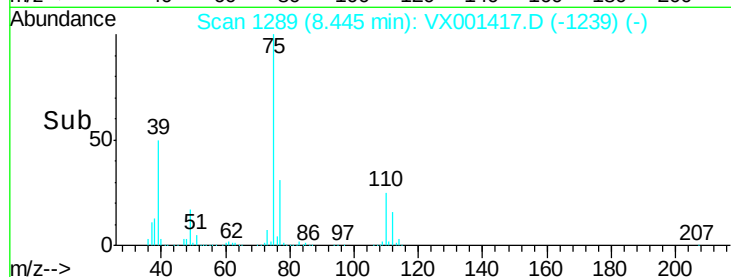
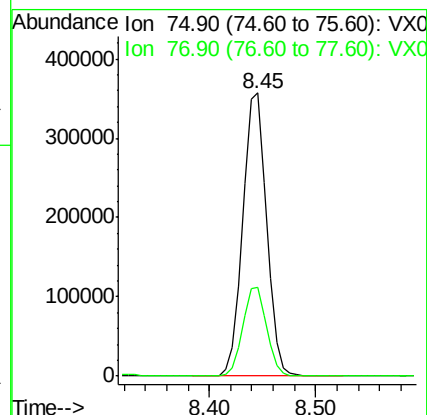
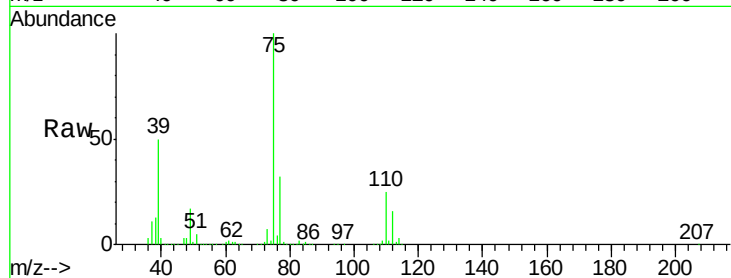
VSTDIC100

Tgt Ion: 75 Resp: 562426

Ion Ratio Lower Upper

75 100

77 31.5 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 121.79 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

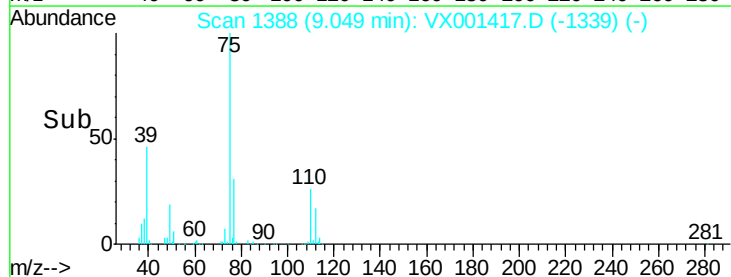
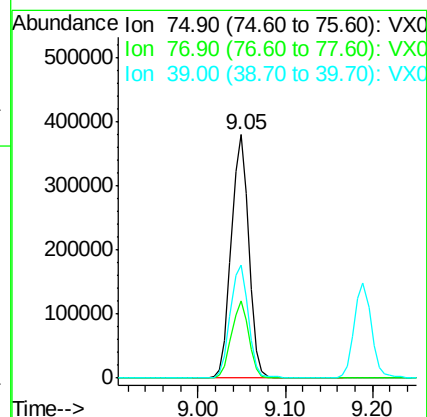
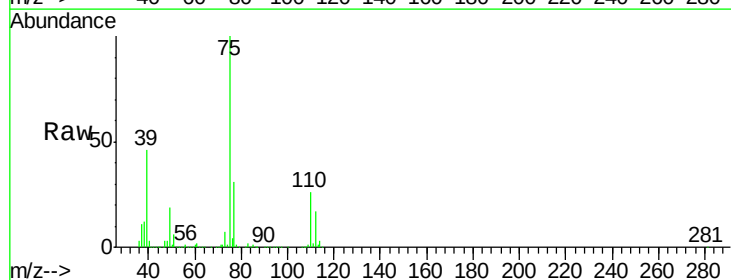
Tgt Ion: 75 Resp: 528887

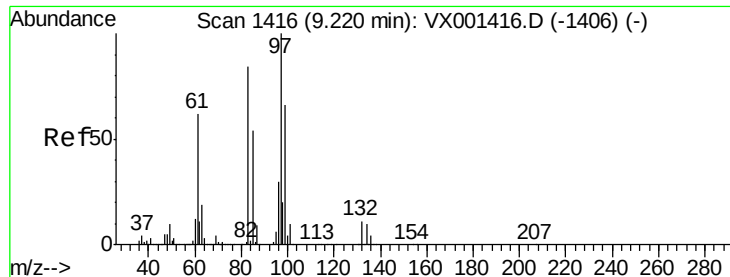
Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

39 46.2 38.9 58.3





#55

1,1,2-Trichloroethane

Concen: 108.76 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 354191

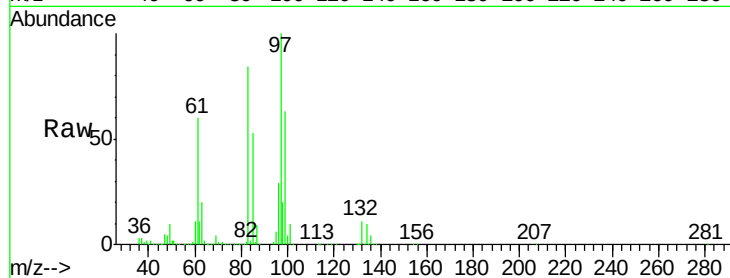
Ion Ratio Lower Upper

97 100

83 83.6 67.4 101.0

85 53.3 43.3 64.9

99 63.2 52.5 78.7

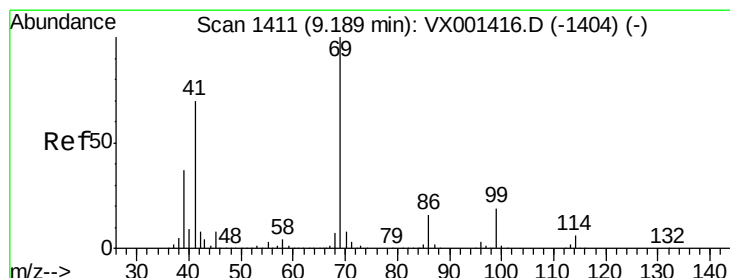
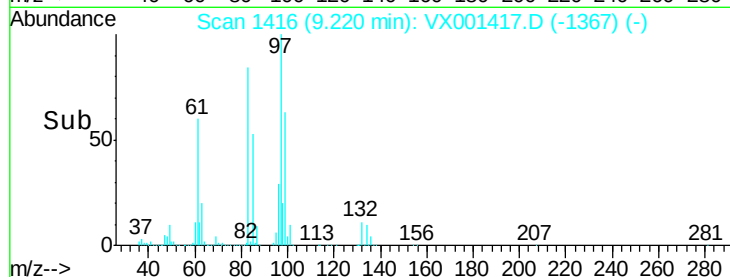
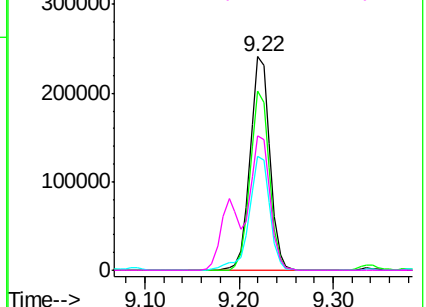


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 122.39 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

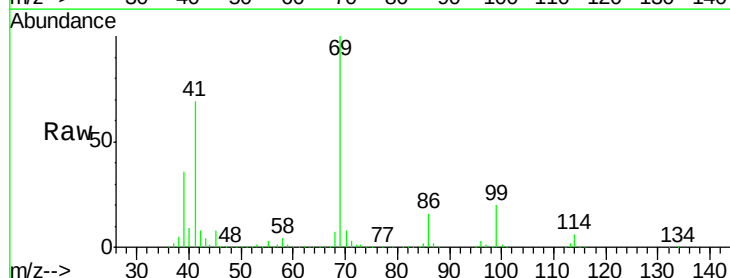
Tgt Ion: 69 Resp: 557687

Ion Ratio Lower Upper

69 100

41 68.3 55.1 82.7

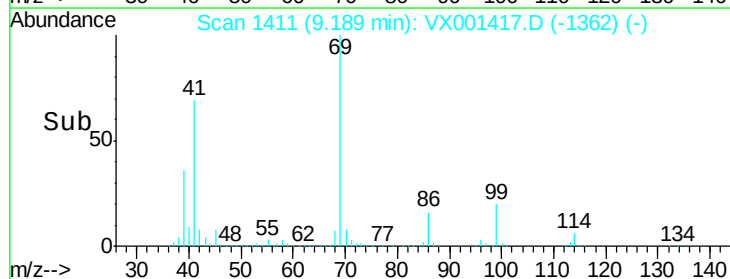
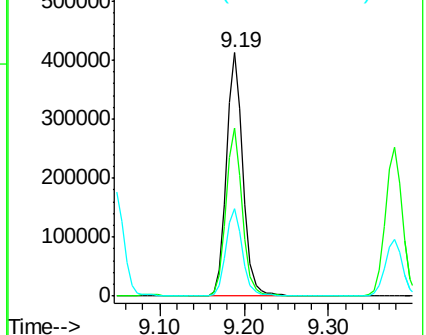
39 36.4 29.9 44.9

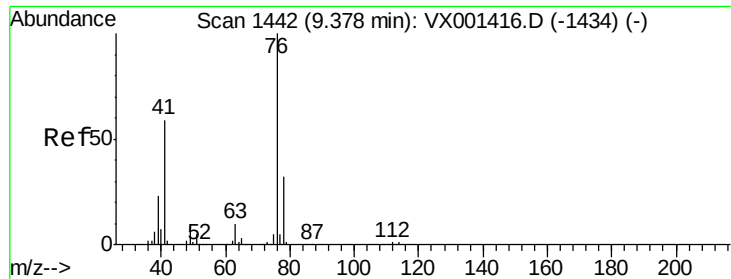


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

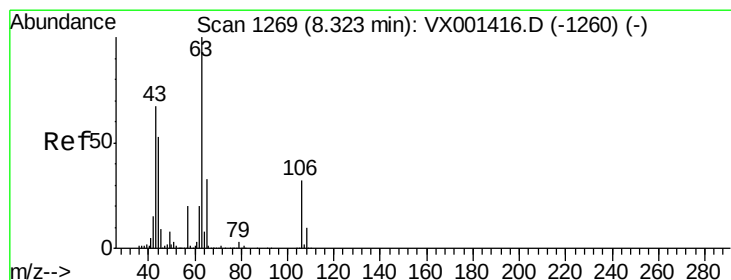
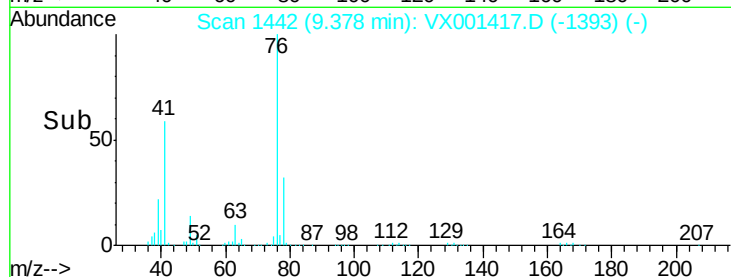
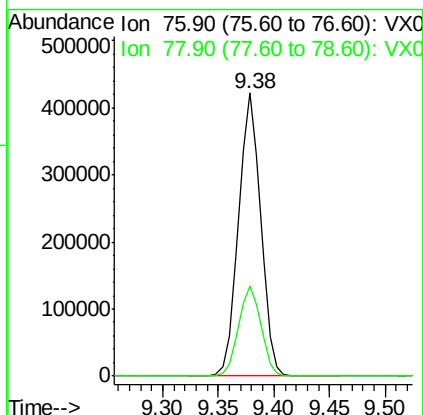
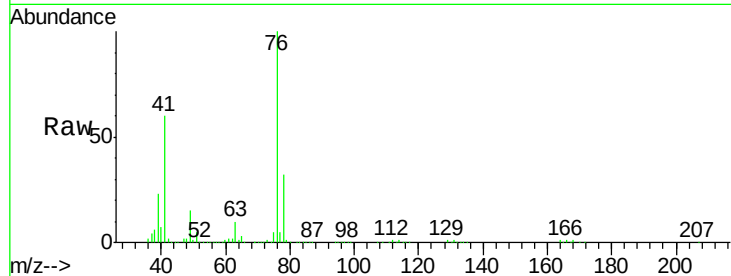




#57
 1,3-Dichloropropane
 Concen: 110.60 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

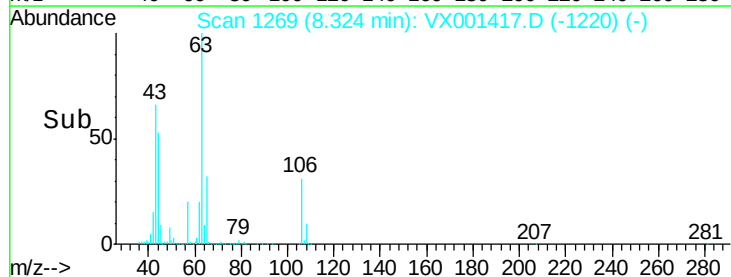
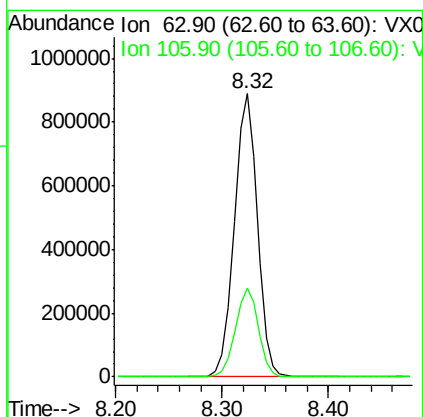
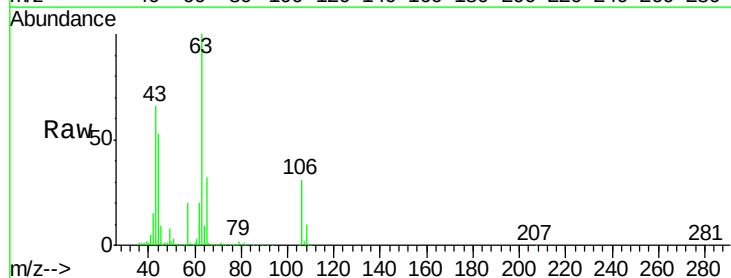
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

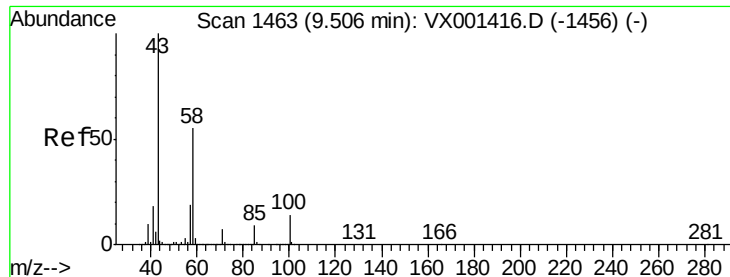
Tgt Ion: 76 Resp: 583784
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 609.73 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

Tgt Ion: 63 Resp: 1350070
 Ion Ratio Lower Upper
 63 100
 106 31.4 25.4 38.0

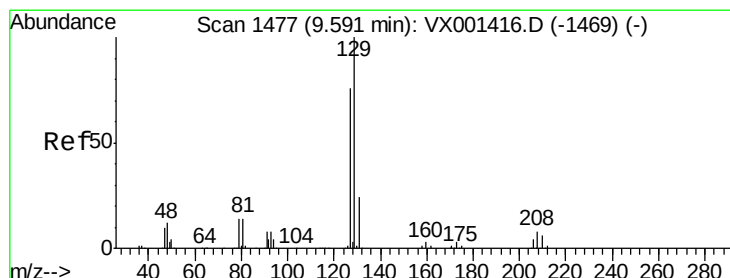
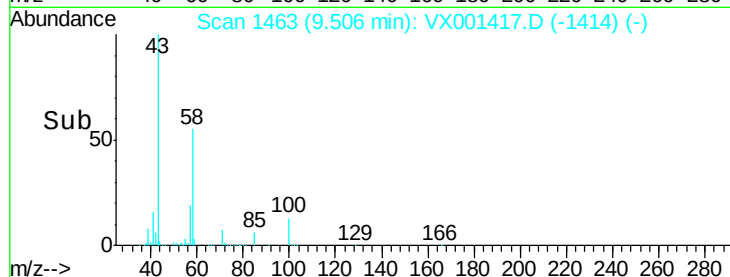
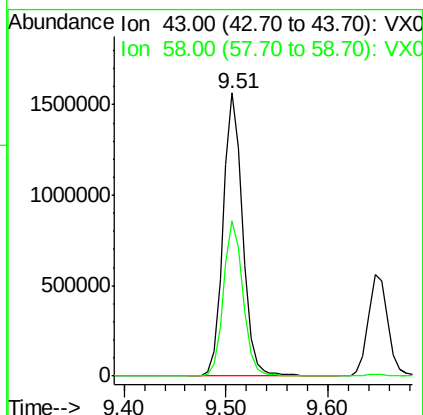
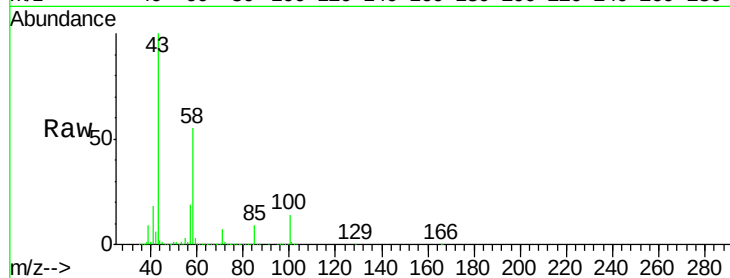




#59
2-Hexanone
Concen: 586.93 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

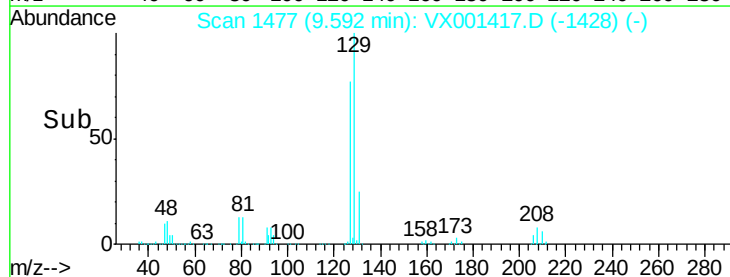
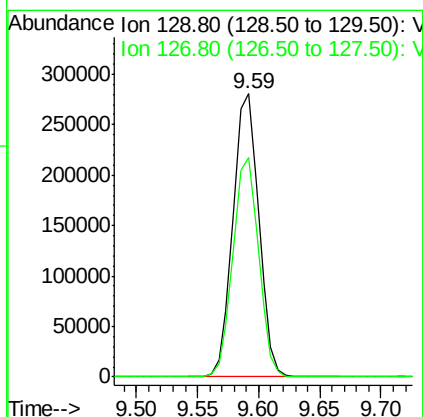
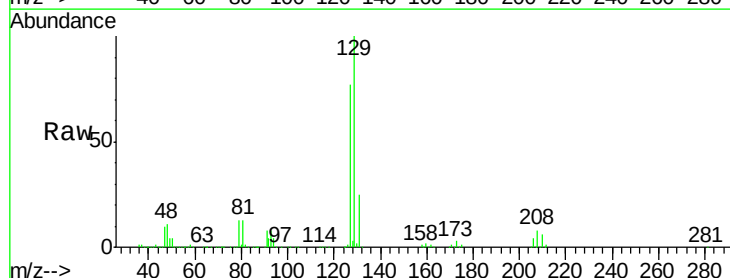
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

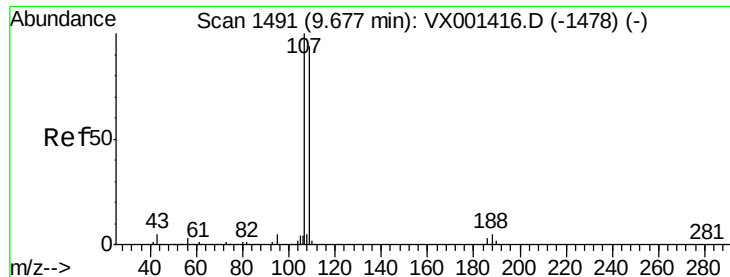
Tgt Ion: 43 Resp: 2084060
Ion Ratio Lower Upper
43 100
58 54.8 27.1 81.2



#60
Dibromochloromethane
Concen: 119.76 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Tgt Ion: 129 Resp: 408791
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5





#61

1,2-Dibromoethane

Concen: 111.66 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

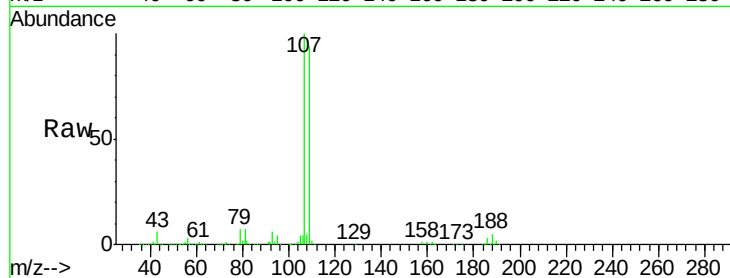
VSTDIC100

Tgt Ion: 107 Resp: 386308

Ion Ratio Lower Upper

107 100

109 94.6 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

250000

200000

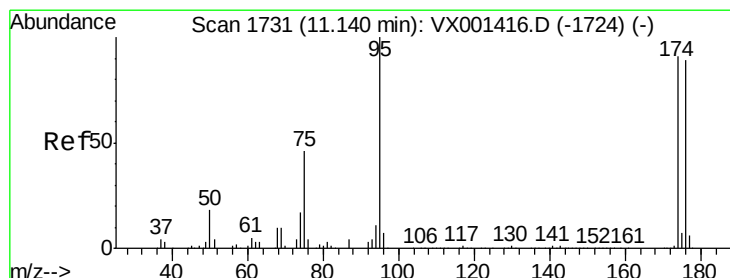
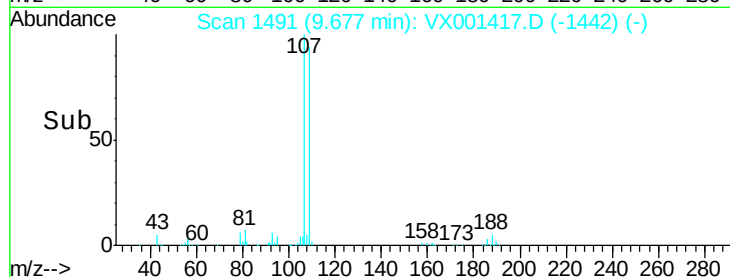
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 102.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

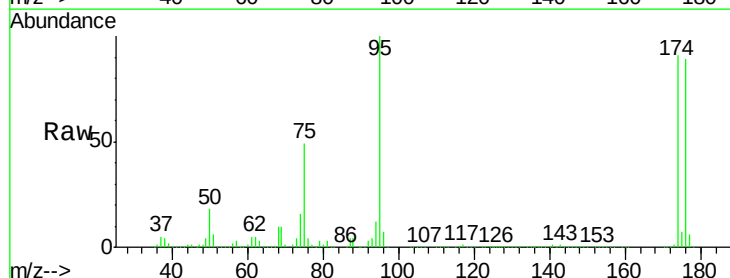
Tgt Ion: 95 Resp: 461464

Ion Ratio Lower Upper

95 100

174 101.8 0.0 202.0

176 99.1 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

500000

400000

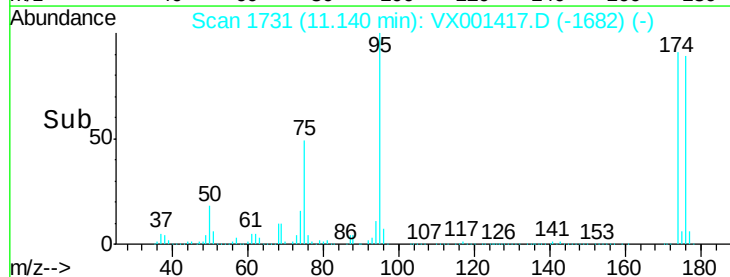
300000

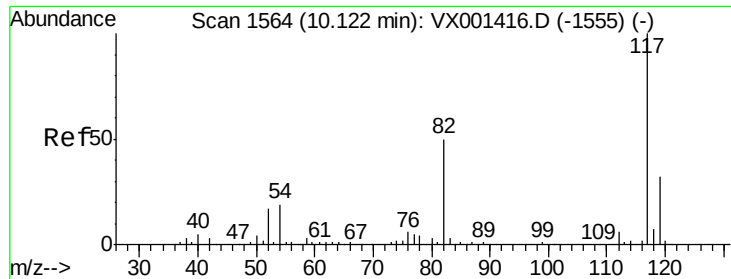
200000

100000

0

Time-->

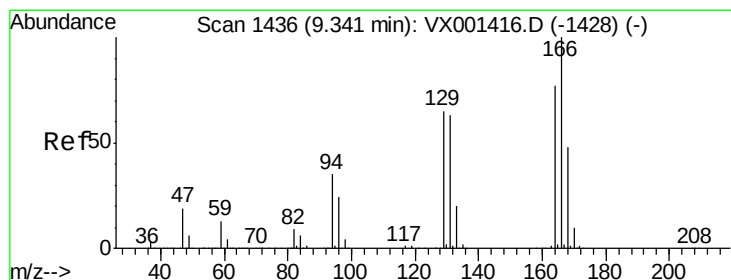
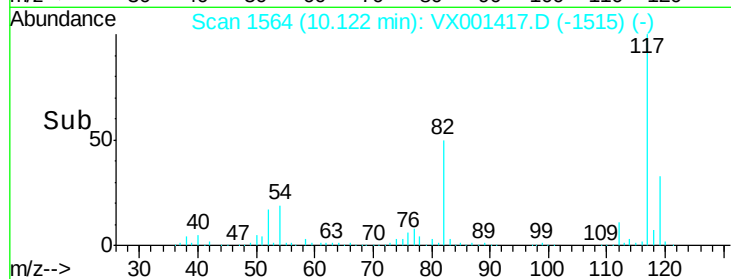
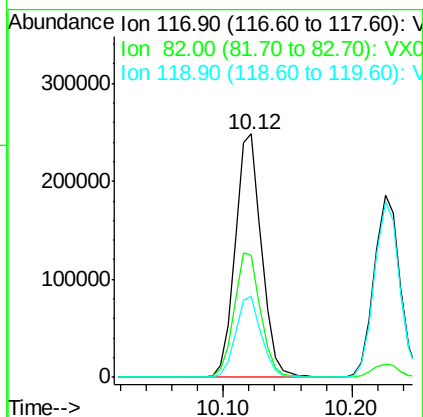
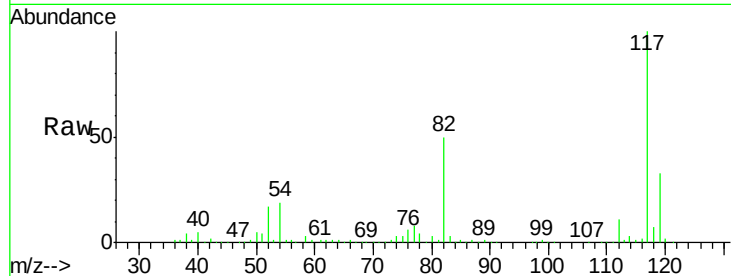




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

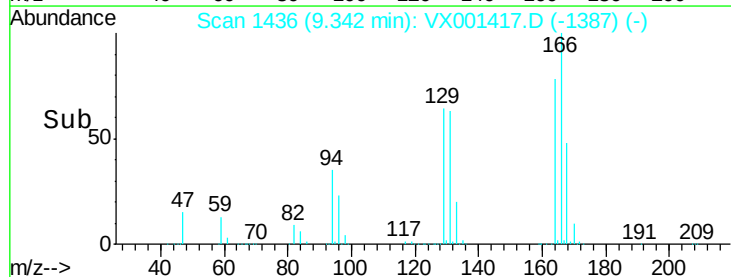
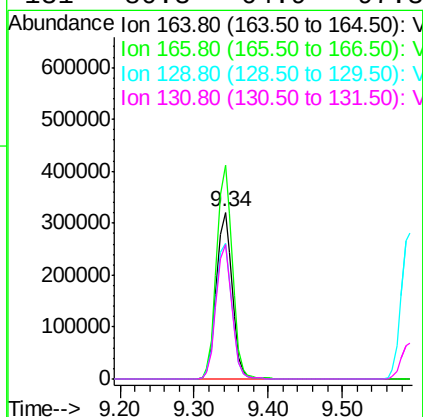
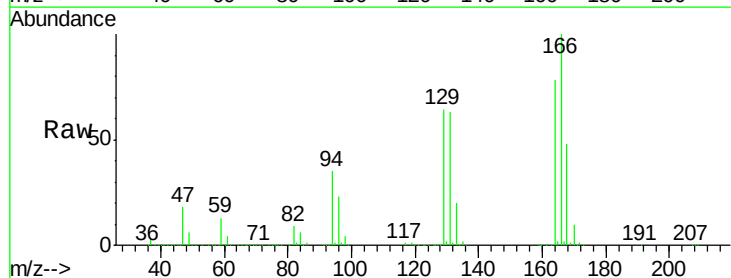
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

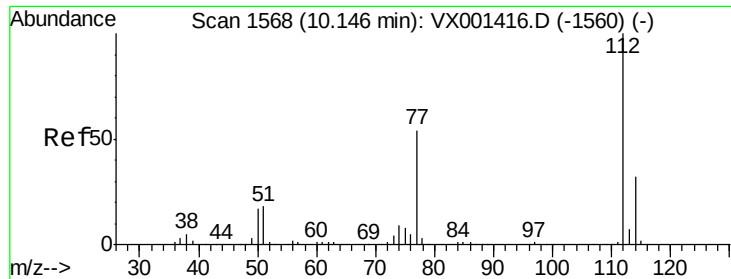
Tgt Ion:117 Resp: 351889
Ion Ratio Lower Upper
117 100
82 50.2 40.0 60.0
119 33.1 25.8 38.8



#64
Tetrachloroethene
Concen: 108.78 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Tgt Ion:164 Resp: 469280
Ion Ratio Lower Upper
164 100
166 127.9 103.5 155.3
129 81.7 66.7 100.1
131 80.3 64.9 97.3

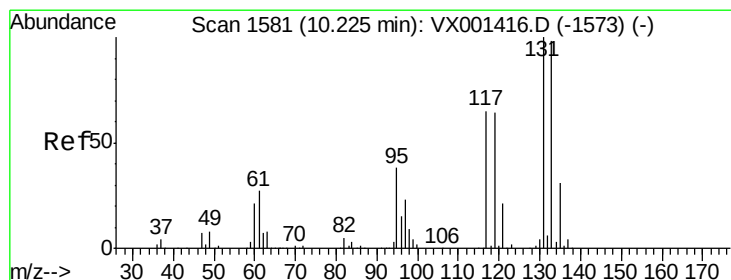
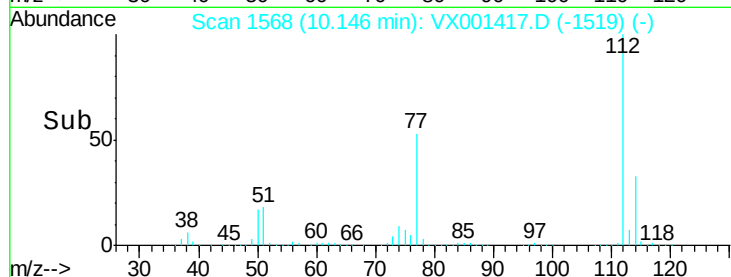
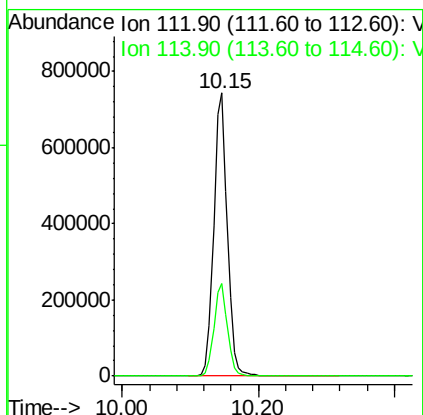
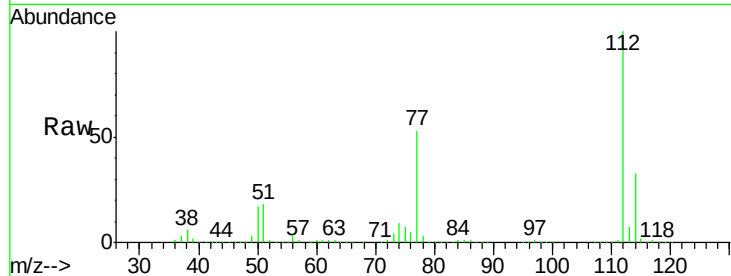




#65
Chlorobenzene
Concen: 105.52 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

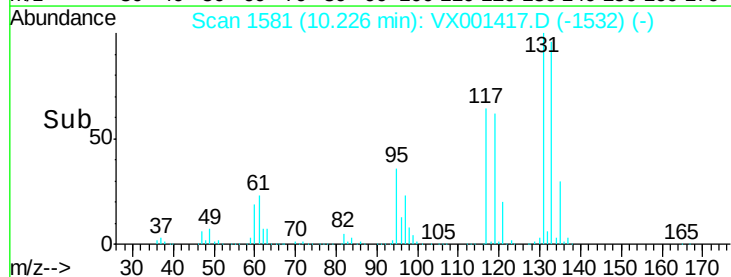
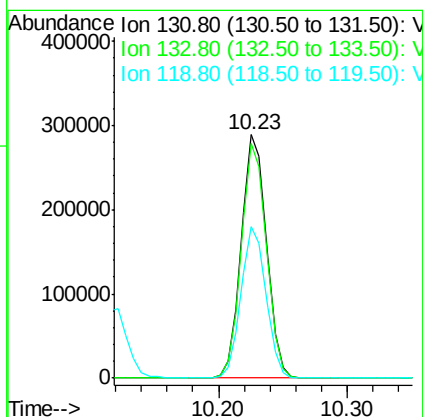
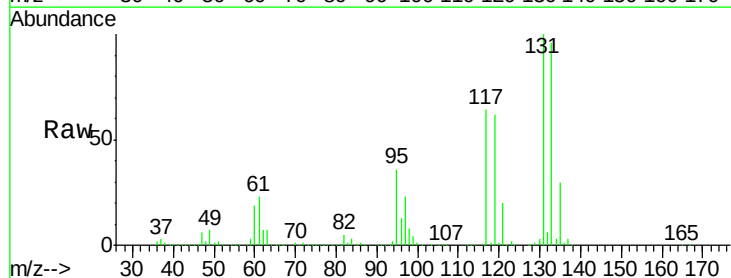
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

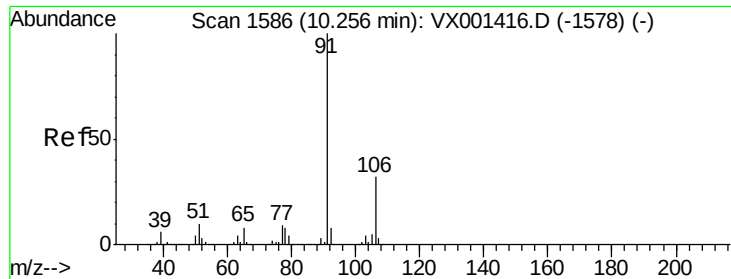
Tgt Ion:112 Resp: 1026610
Ion Ratio Lower Upper
112 100
114 32.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 115.24 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Tgt Ion:131 Resp: 390370
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.8
119 61.7 31.1 93.3





#67

Ethyl Benzene

Concen: 106.85 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

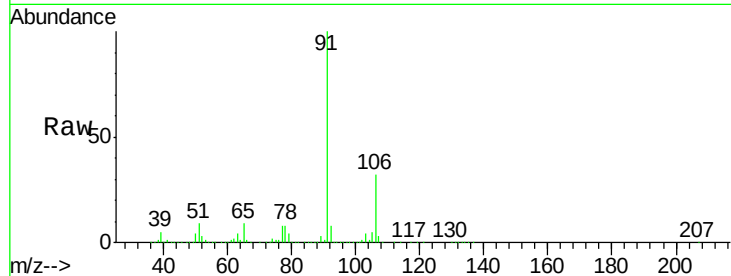
VSTDIC100

Tgt Ion: 91 Resp: 1710063

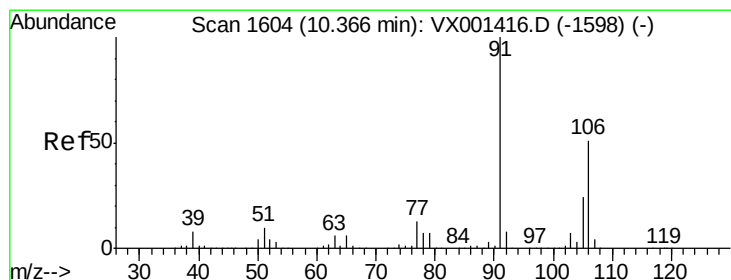
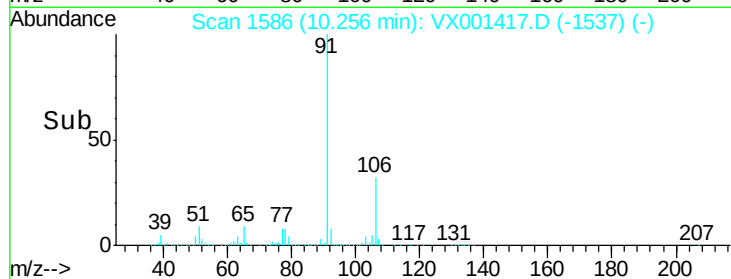
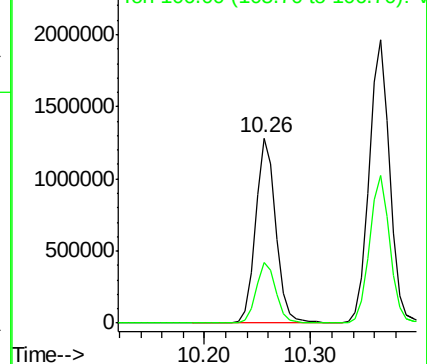
Ion Ratio Lower Upper

91 100

106 32.5 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX001417.D (-1578) (-)



#68

m/p-Xylenes

Concen: 219.56 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001417.D

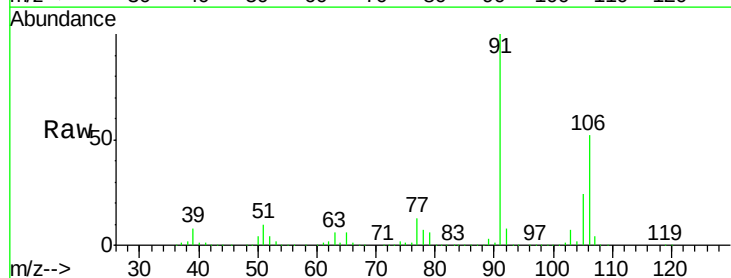
Acq: 05 May 2018 13:51

Tgt Ion: 106 Resp: 1385230

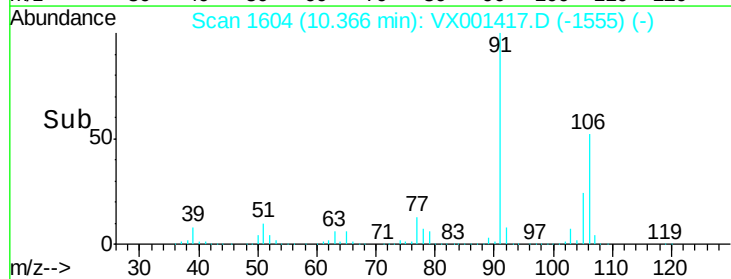
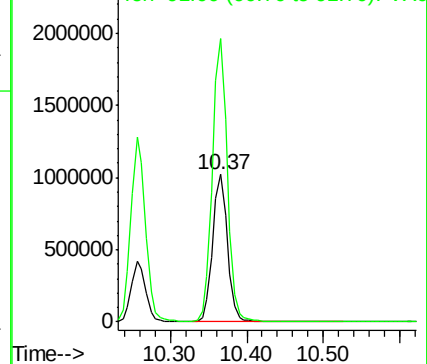
Ion Ratio Lower Upper

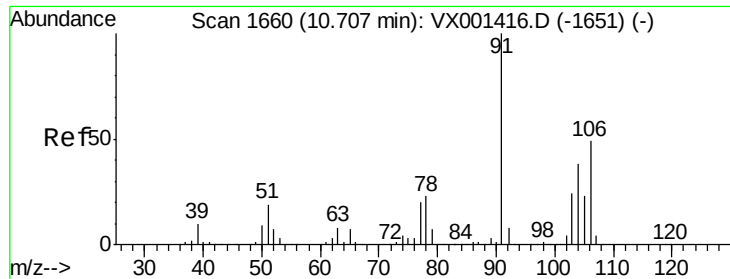
106 100

91 193.5 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VX001417.D (-1598) (-)

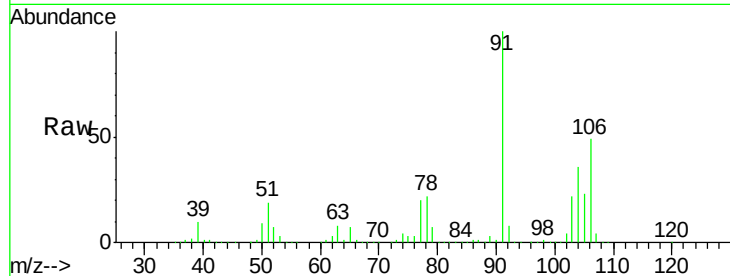




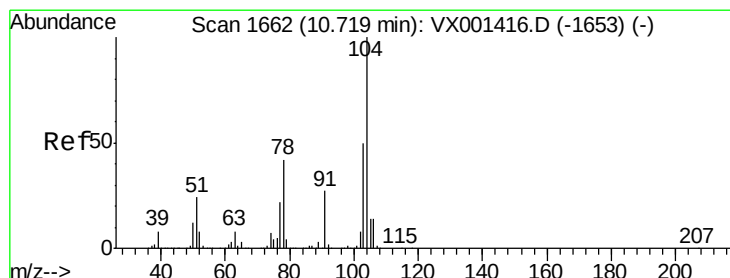
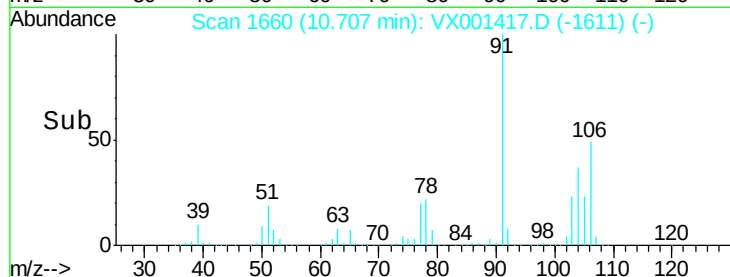
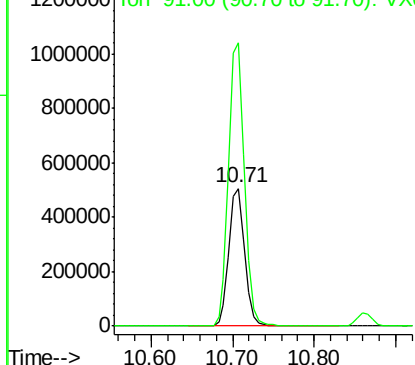
#69
o-Xylene
Concen: 109.64 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 673010
Ion Ratio Lower Upper
106 100
91 207.1 103.1 309.1

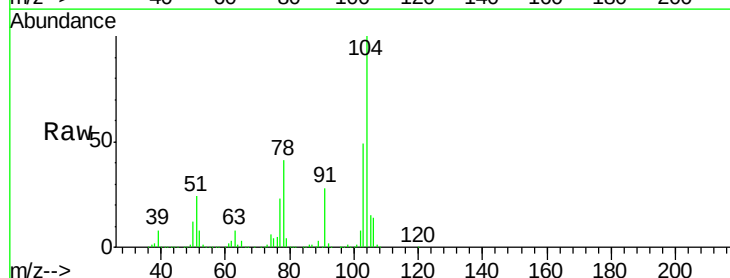


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

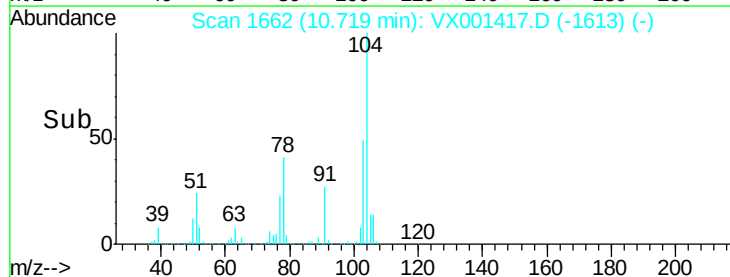
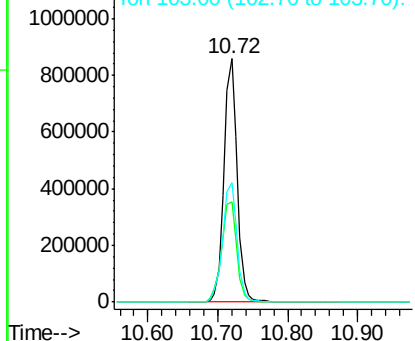


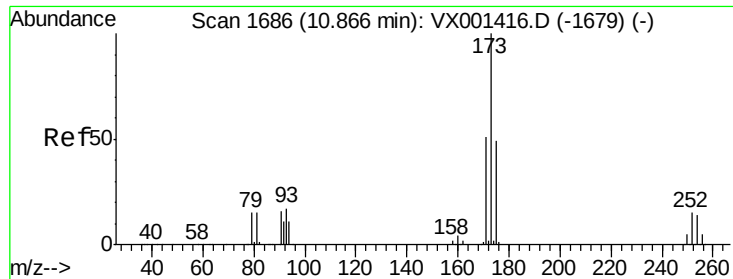
#70
Styrene
Concen: 112.56 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001417.D
Acq: 05 May 2018 13:51

Tgt Ion:104 Resp: 1129320
Ion Ratio Lower Upper
104 100
78 47.4 38.6 58.0
103 54.3 44.0 66.0



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





#71

Bromoform

Concen: 125.94 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

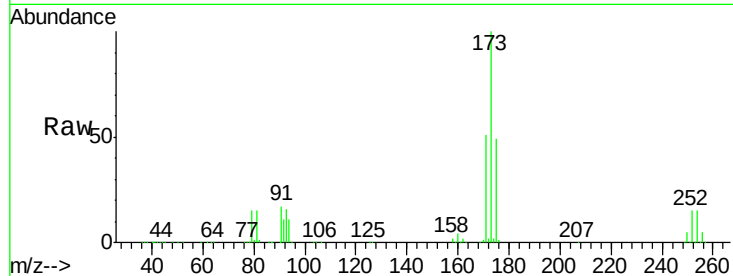
Tgt Ion:173 Resp: 360147

Ion Ratio Lower Upper

173 100

175 49.0 24.5 73.5

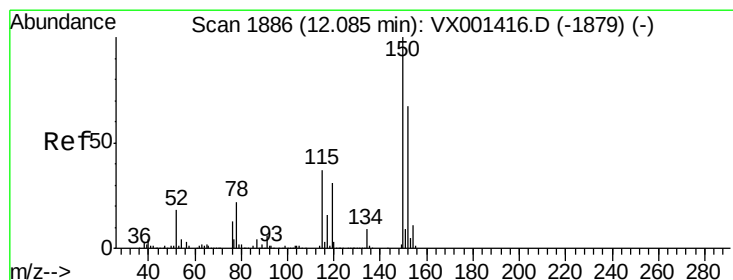
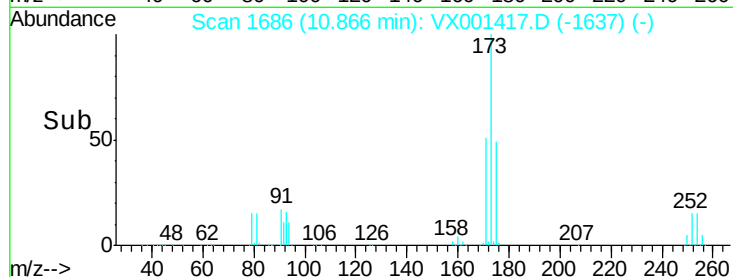
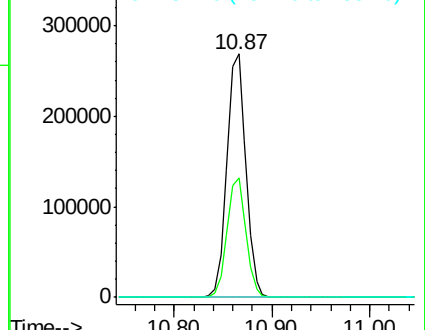
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

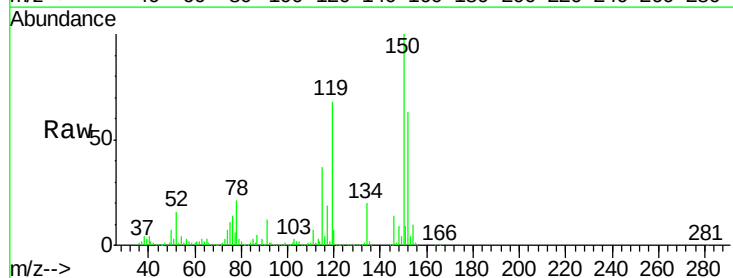
Tgt Ion:152 Resp: 263848

Ion Ratio Lower Upper

152 100

115 99.5 37.7 113.1

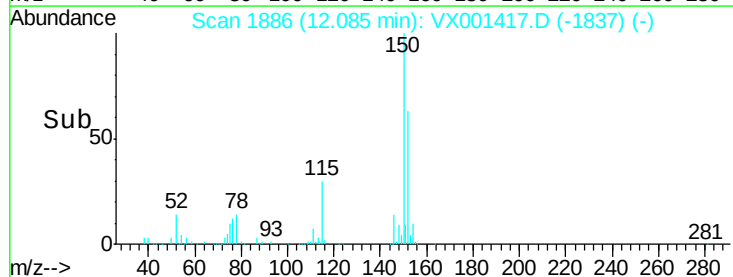
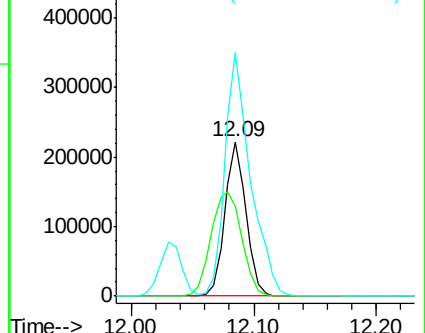
150 193.0 0.0 349.4

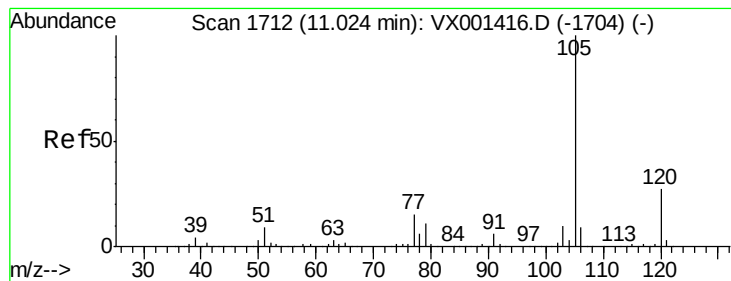


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 100.93 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

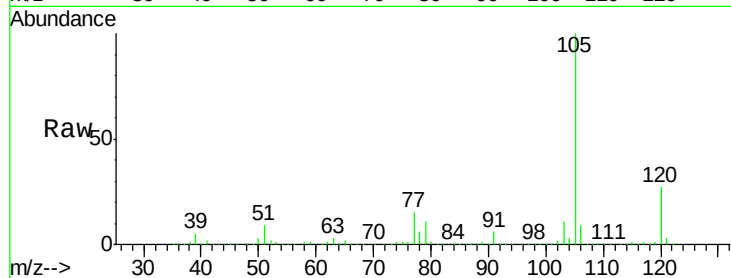
VSTDIC100

Tgt Ion: 105 Resp: 1800071

Ion Ratio Lower Upper

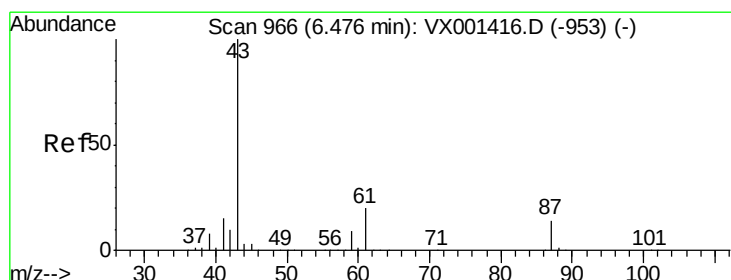
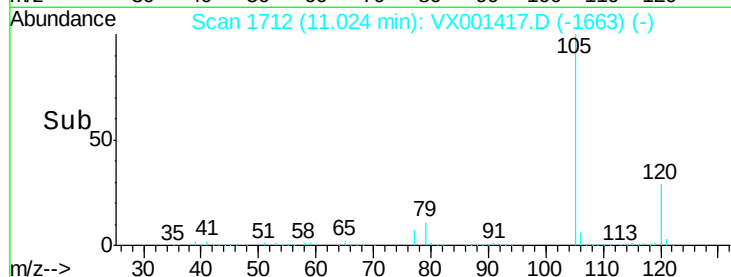
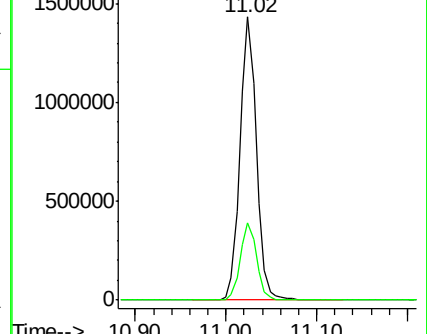
105 100

120 27.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 106.34 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Tgt Ion: 43 Resp: 816606

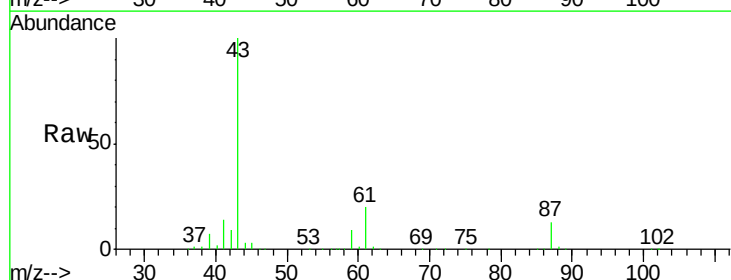
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.8 15.4 23.0

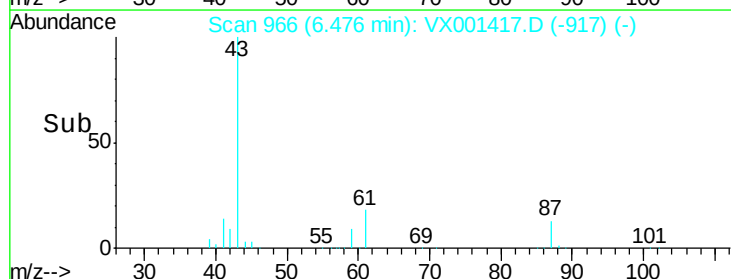
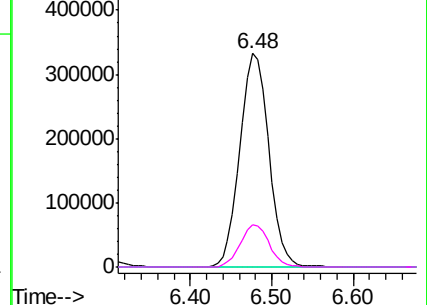


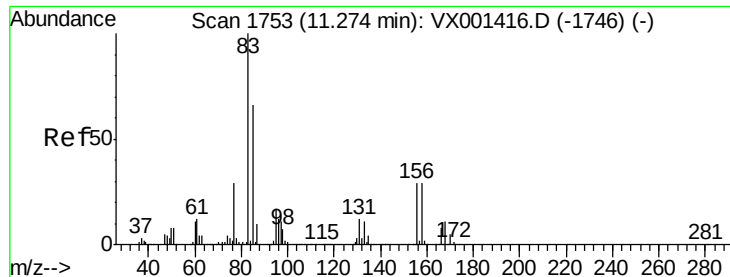
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 101.79 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

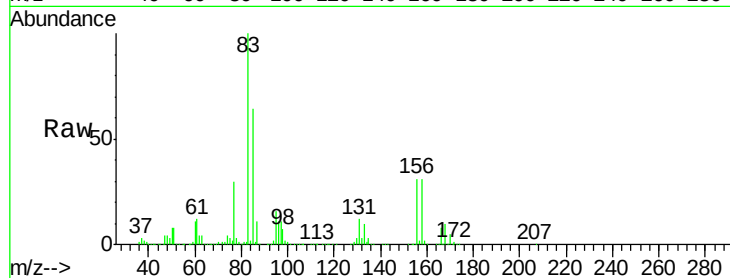
Tgt Ion: 83 Resp: 539487

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

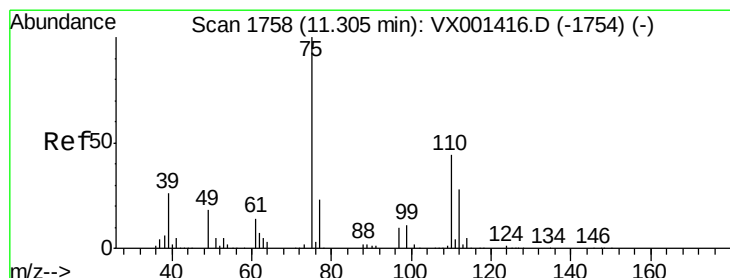
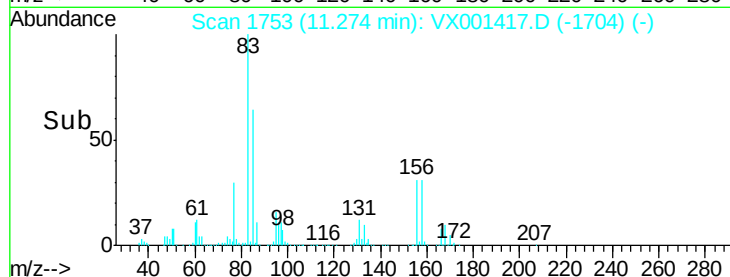
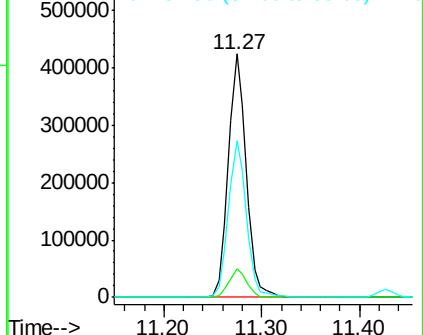
85 65.0 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 134.60 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001417.D

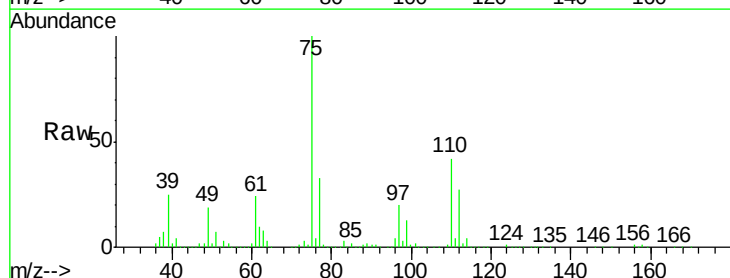
Acq: 05 May 2018 13:51

Tgt Ion: 75 Resp: 663610

Ion Ratio Lower Upper

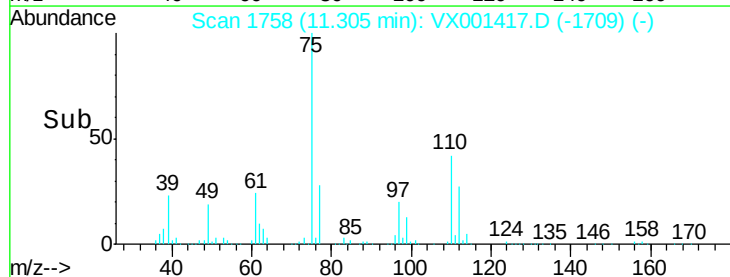
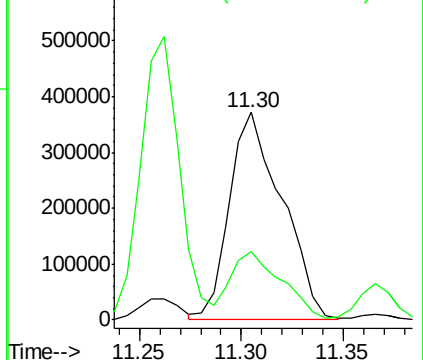
75 100

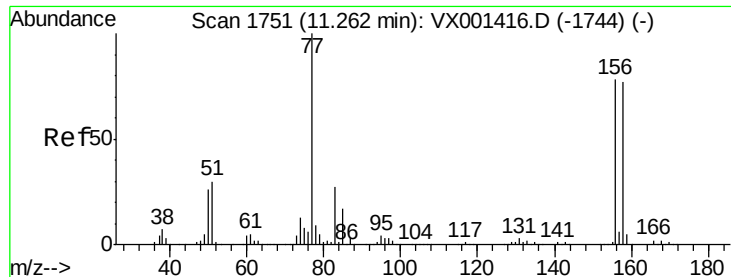
77 31.9 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 101.51 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

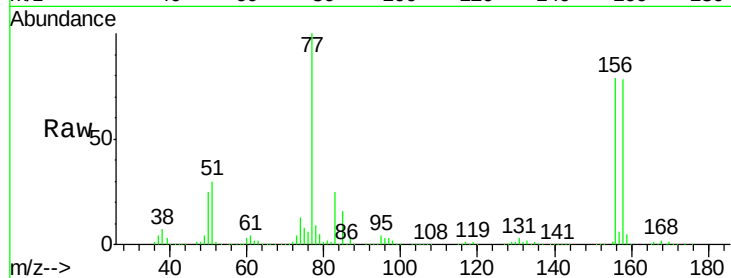
Tgt Ion:156 Resp: 519733

Ion Ratio Lower Upper

156 100

77 129.0 66.0 198.2

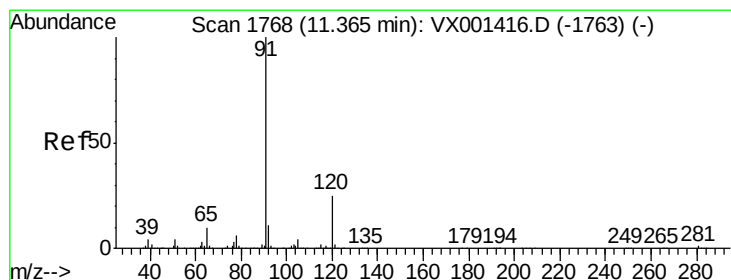
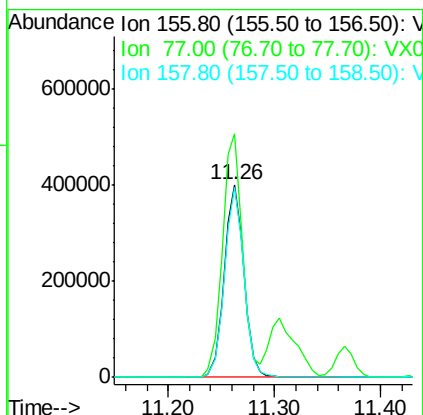
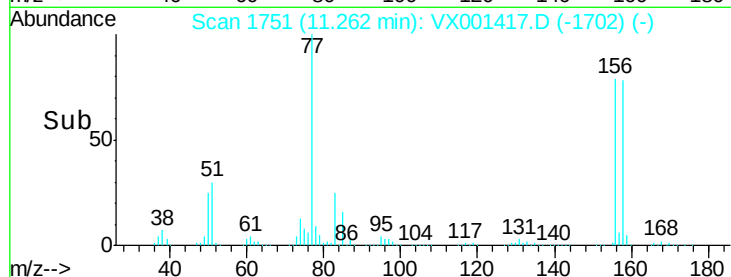
158 97.3 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 101.14 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001417.D

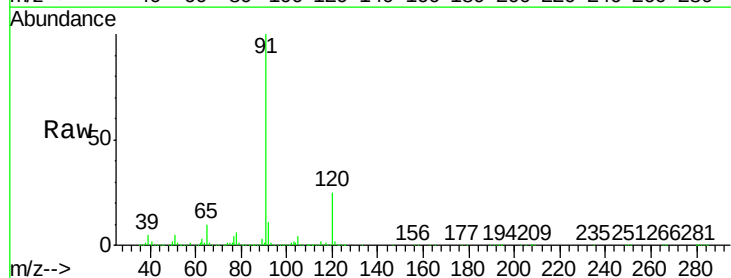
Acq: 05 May 2018 13:51

Tgt Ion: 91 Resp: 1997346

Ion Ratio Lower Upper

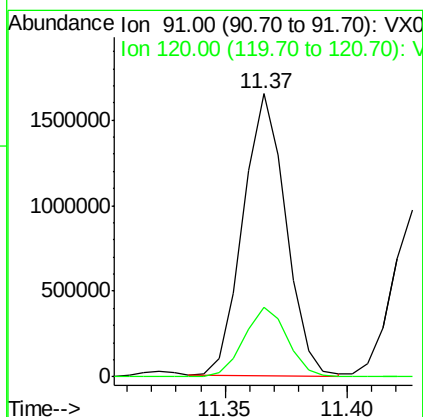
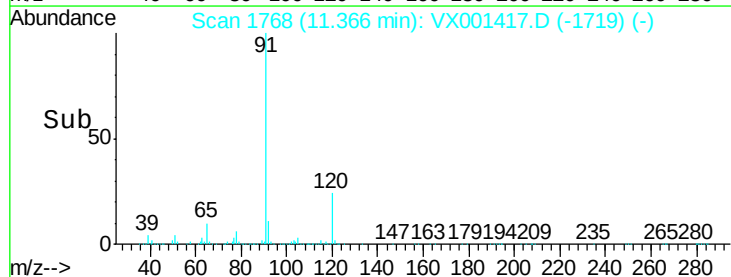
91 100

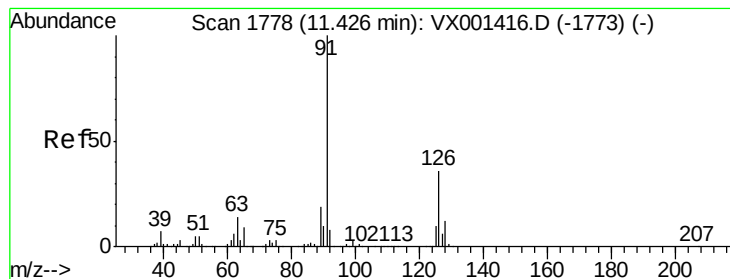
120 25.2 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 99.58 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

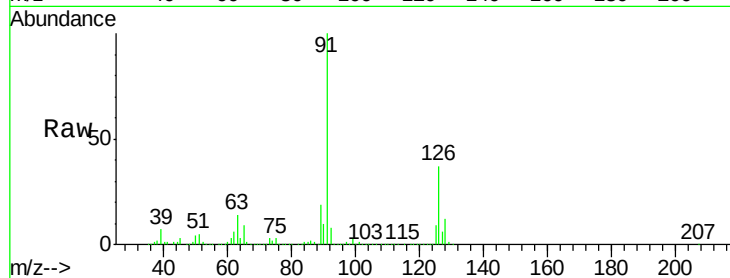
VSTDIC100

Tgt Ion: 91 Resp: 1188455

Ion Ratio Lower Upper

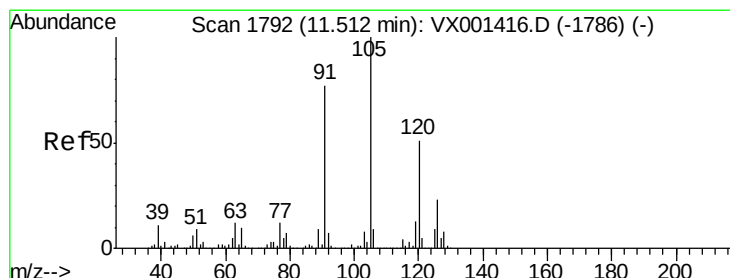
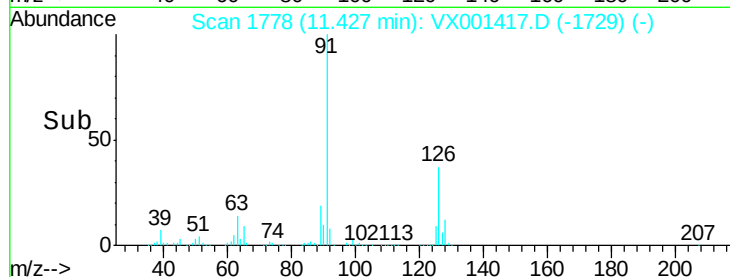
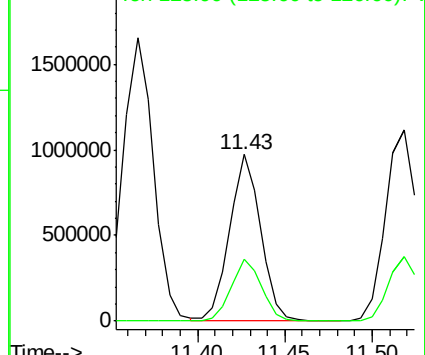
91 100

126 37.3 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 102.56 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001417.D

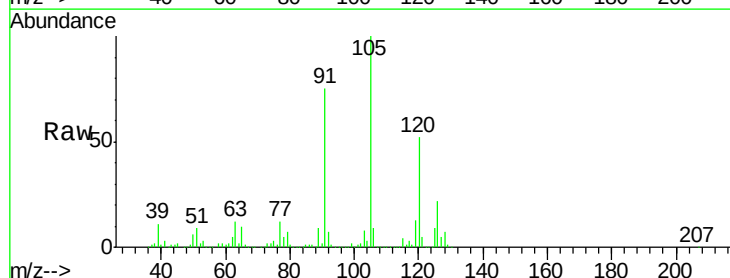
Acq: 05 May 2018 13:51

Tgt Ion: 105 Resp: 1527896

Ion Ratio Lower Upper

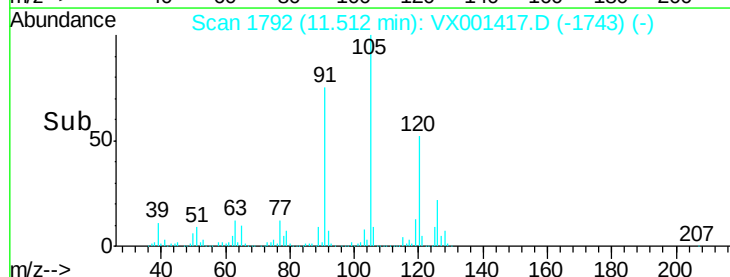
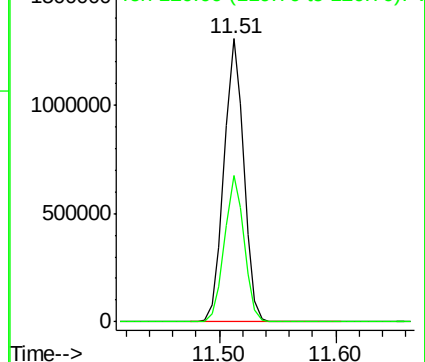
105 100

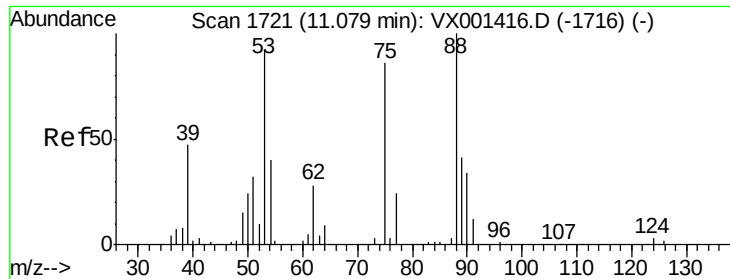
120 51.4 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 132.94 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

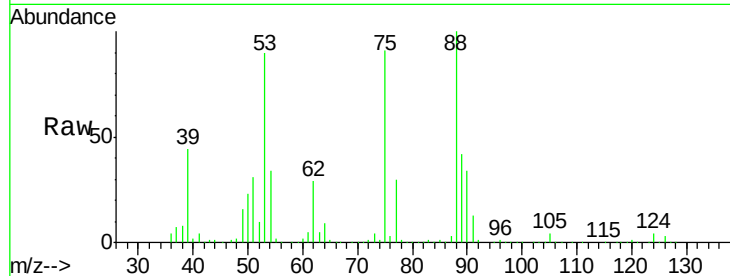
Tgt Ion: 75 Resp: 171568

Ion Ratio Lower Upper

75 100

53 98.7 84.5 126.7

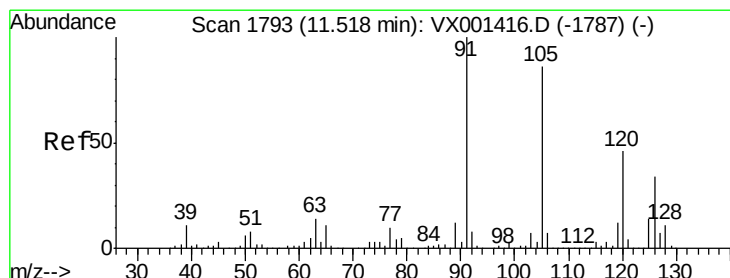
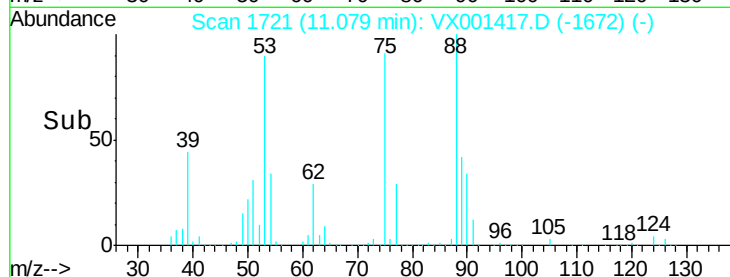
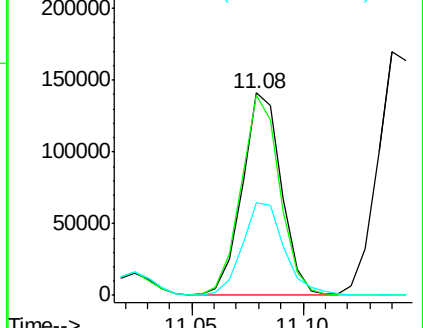
89 50.1 39.5 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 99.04 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001417.D

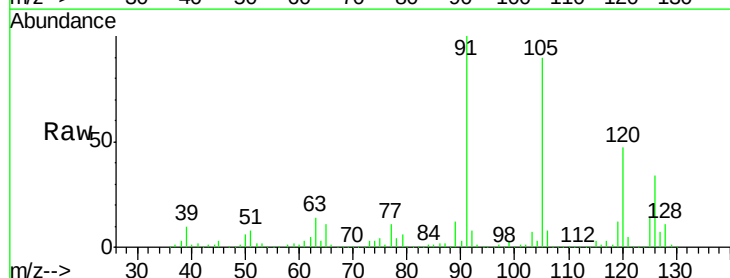
Acq: 05 May 2018 13:51

Tgt Ion: 91 Resp: 1413893

Ion Ratio Lower Upper

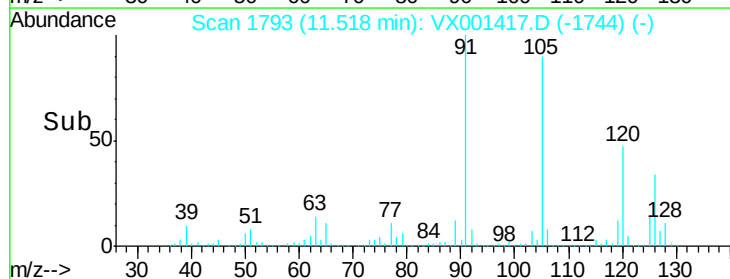
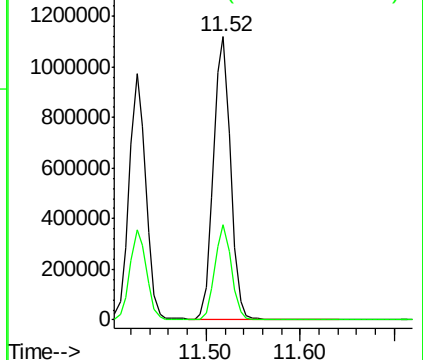
91 100

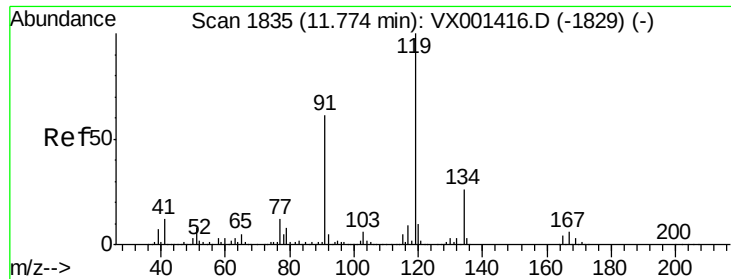
126 32.5 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

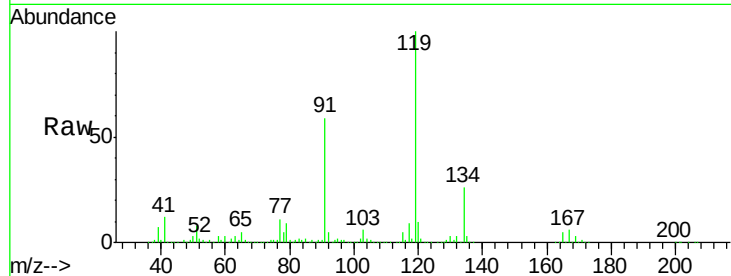




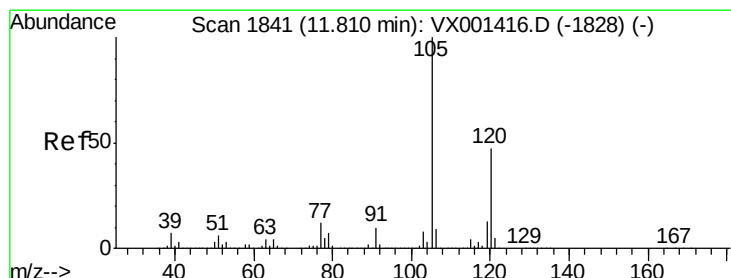
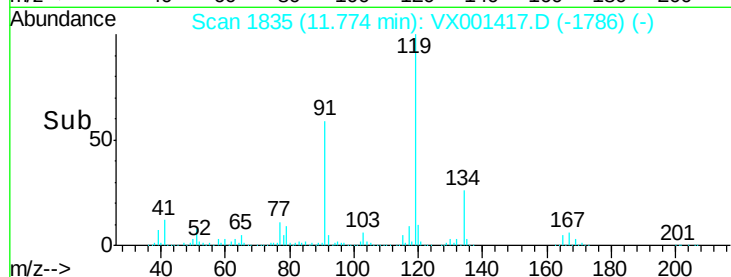
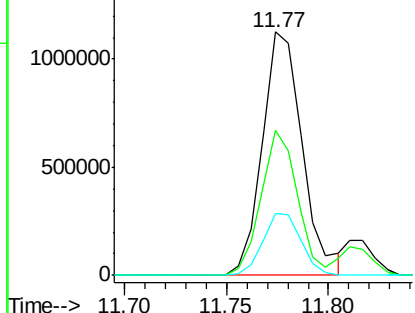
#83
 tert-Butylbenzene
 Concen: 103.84 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 1542242
 Ion Ratio Lower Upper
 119 100
 91 54.1 27.8 83.3
 134 24.6 12.4 37.0

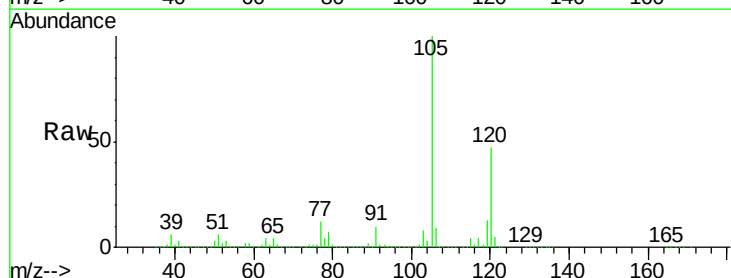


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

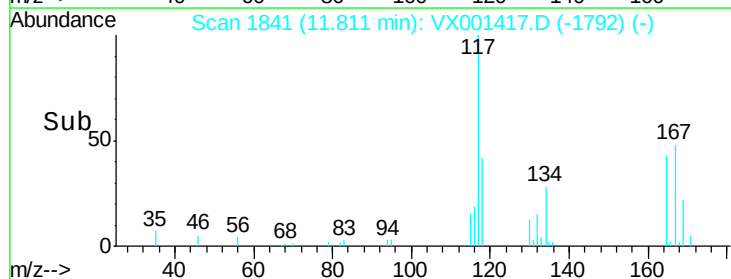
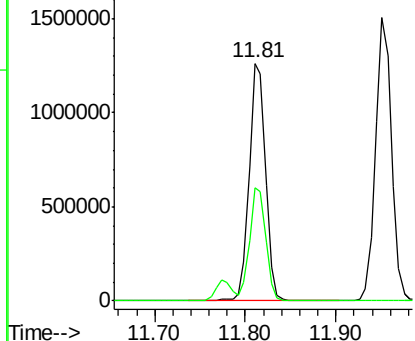


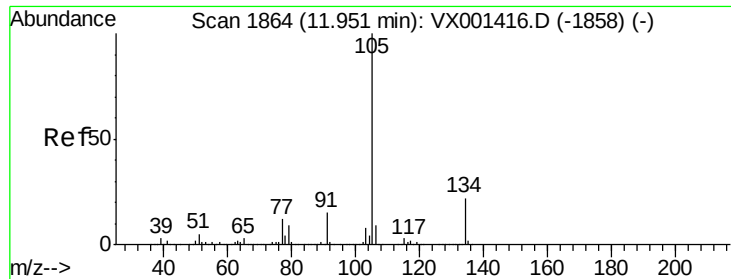
#84
 1,2,4-Trimethylbenzene
 Concen: 102.96 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

Tgt Ion:105 Resp: 1574017
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 102.90 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

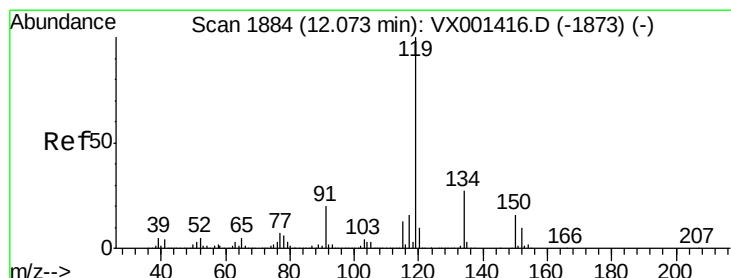
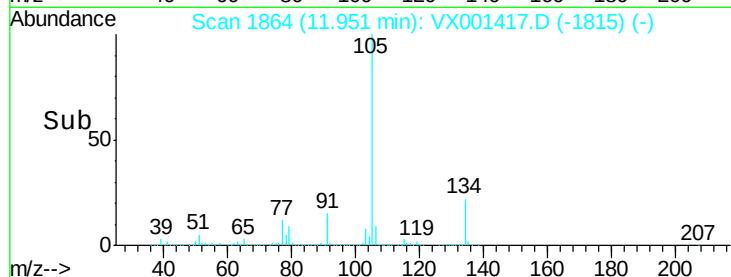
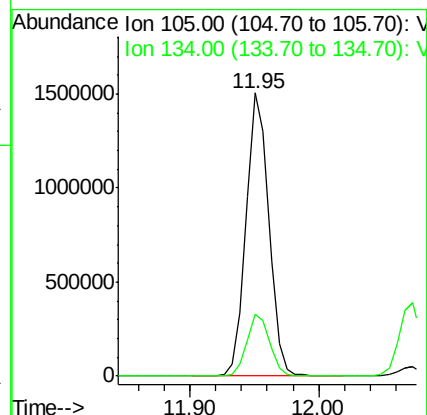
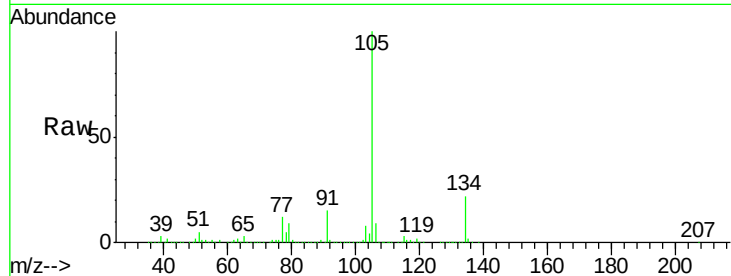
VSTDIC100

Tgt Ion:105 Resp: 1832496

Ion Ratio Lower Upper

105 100

134 21.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 104.15 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

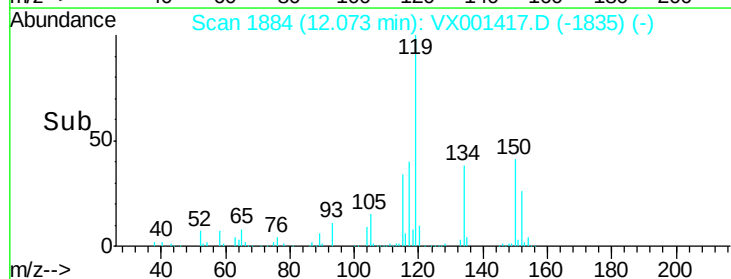
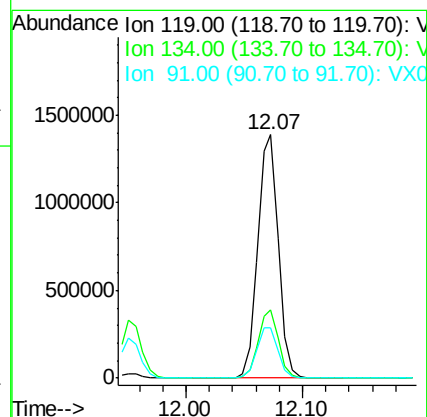
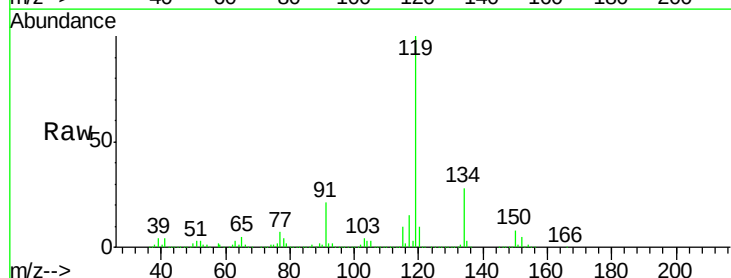
Tgt Ion:119 Resp: 1704202

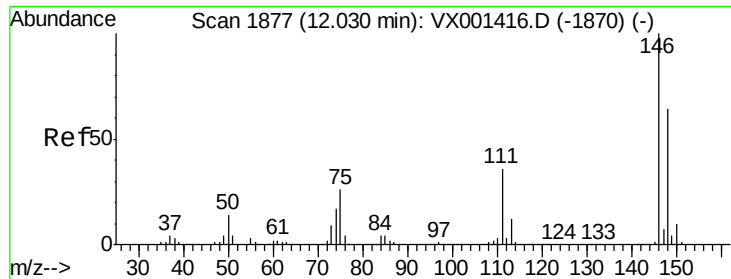
Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.8

91 21.5 10.8 32.3

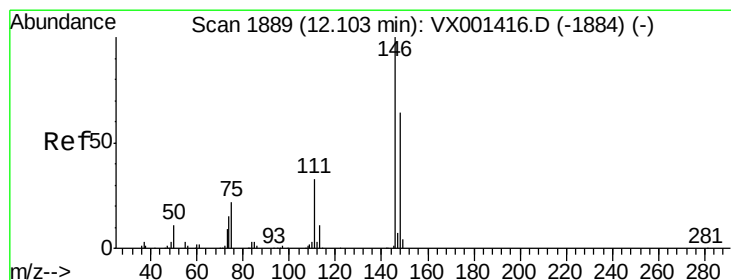
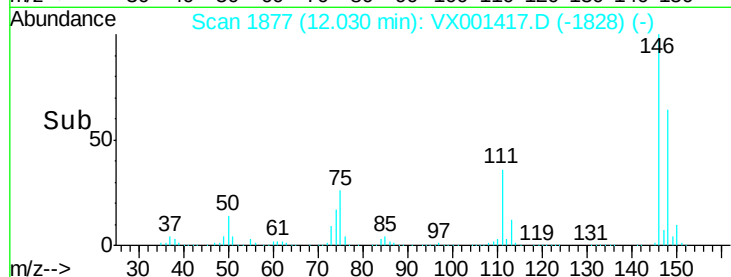
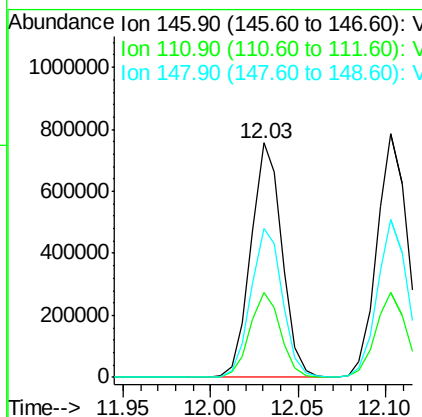
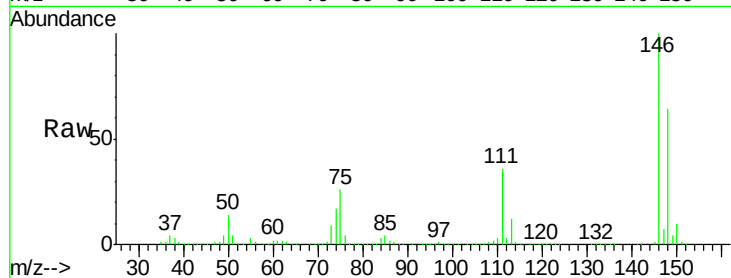




#87
 1,3-Dichlorobenzene
 Concen: 98.36 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

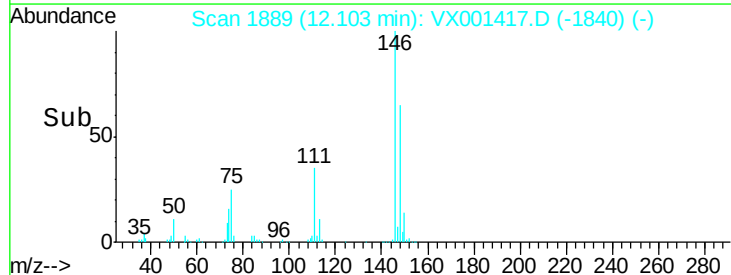
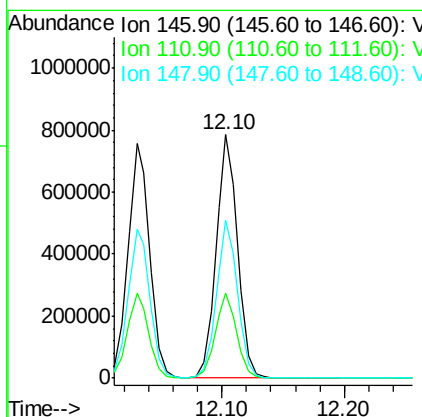
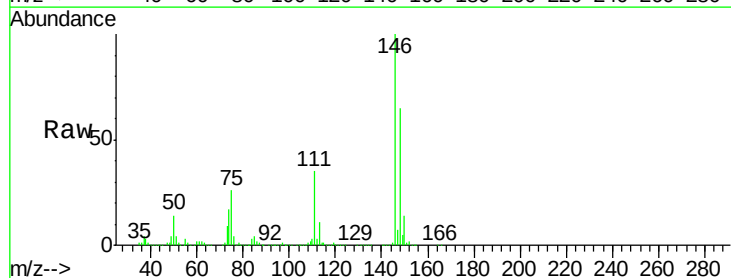
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

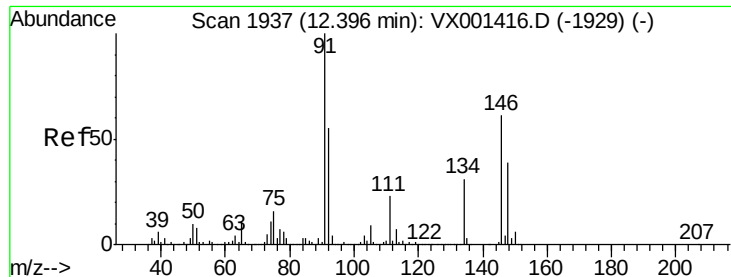
Tgt Ion:146 Resp: 941223
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.1 54.1
 148 64.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 96.87 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

Tgt Ion:146 Resp: 952027
 Ion Ratio Lower Upper
 146 100
 111 34.5 17.4 52.3
 148 64.1 32.2 96.6





#89

n-Butylbenzene

Concen: 102.63 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

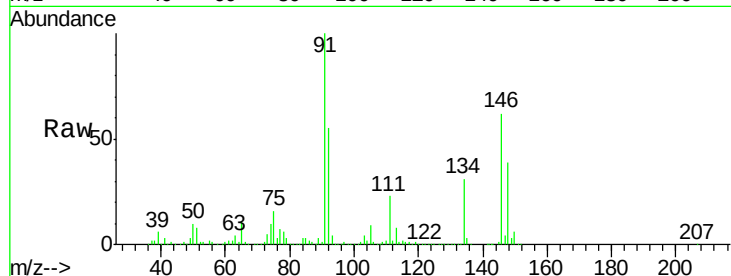
Tgt Ion: 91 Resp: 1453033

Ion Ratio Lower Upper

91 100

92 54.8 27.2 81.5

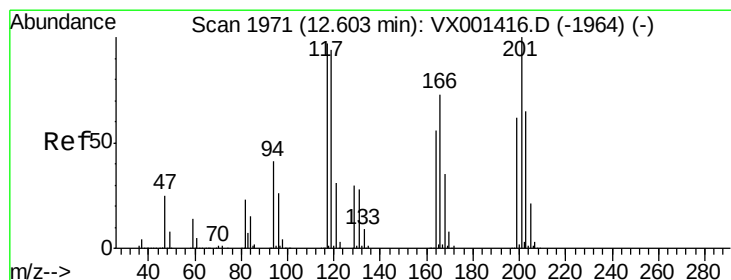
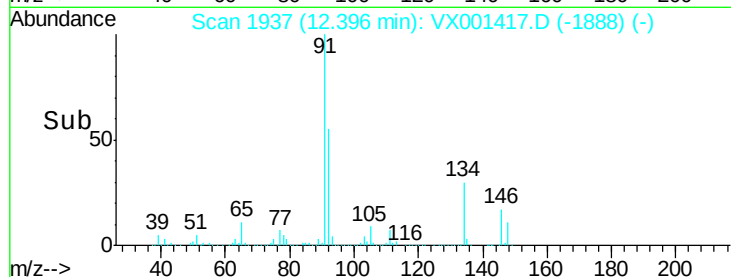
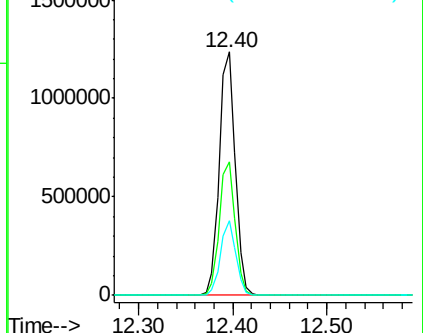
134 29.5 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 117.99 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001417.D

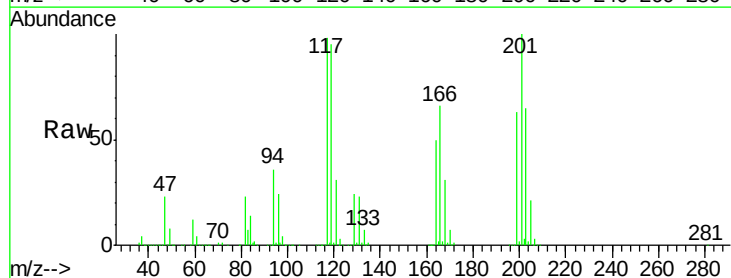
Acq: 05 May 2018 13:51

Tgt Ion: 117 Resp: 279741

Ion Ratio Lower Upper

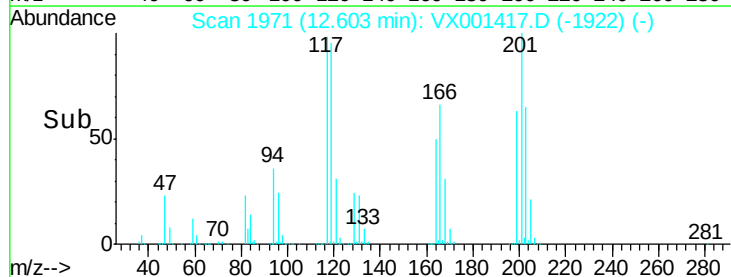
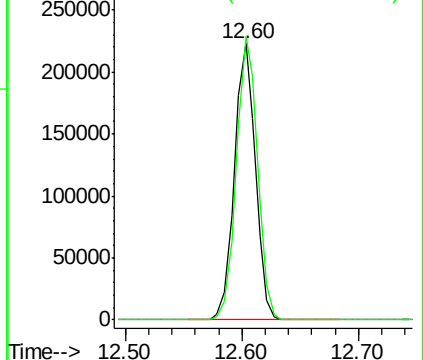
117 100

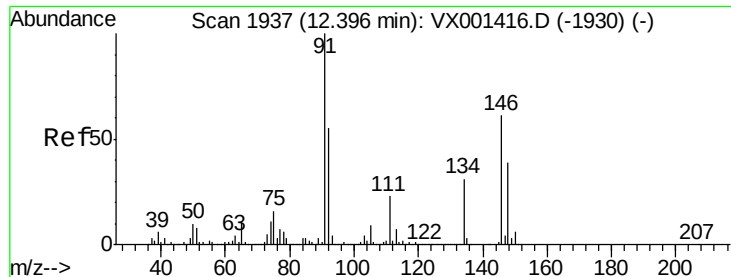
201 103.5 51.5 154.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

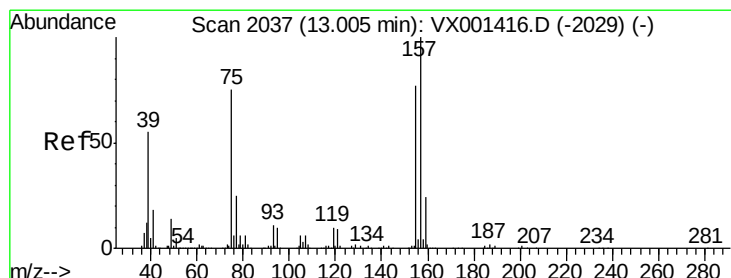
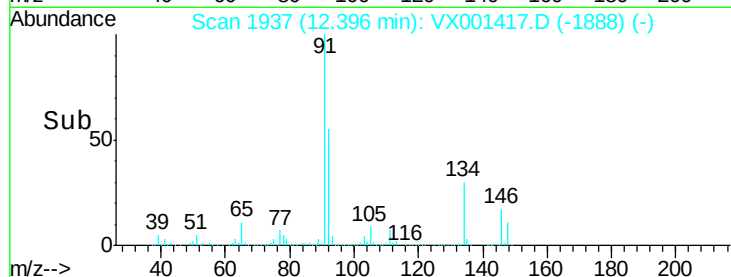
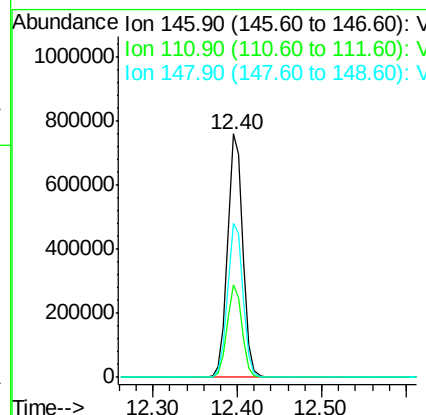
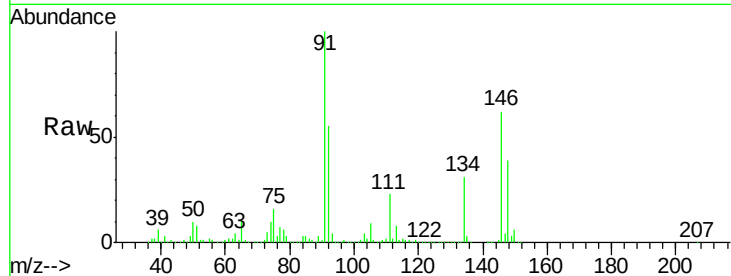




#91
 1,2-Dichlorobenzene
 Concen: 99.85 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

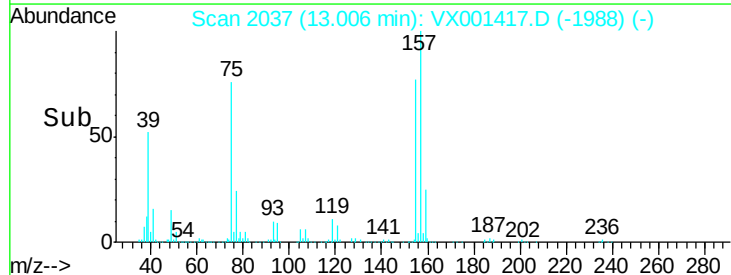
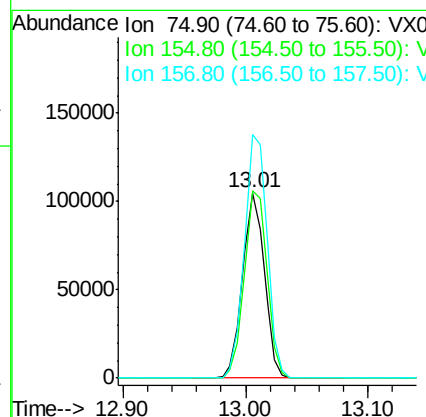
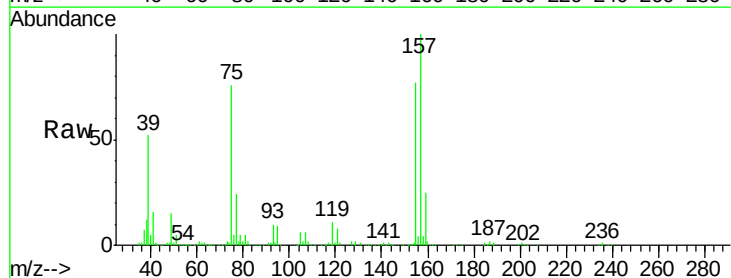
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

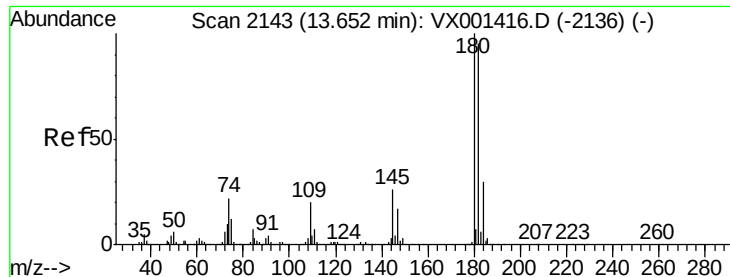
Tgt Ion: 146 Resp: 950863
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 64.2 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 118.72 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

Tgt Ion: 75 Resp: 128653
 Ion Ratio Lower Upper
 75 100
 155 105.9 53.4 160.2
 157 137.0 68.3 204.8

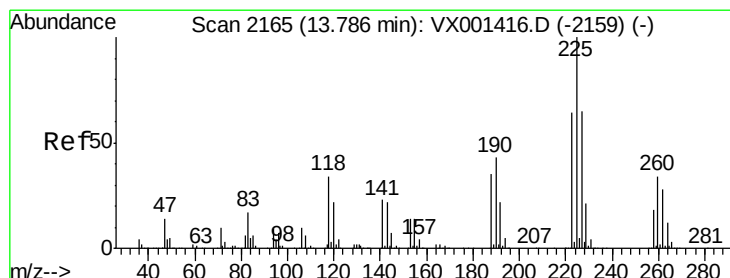
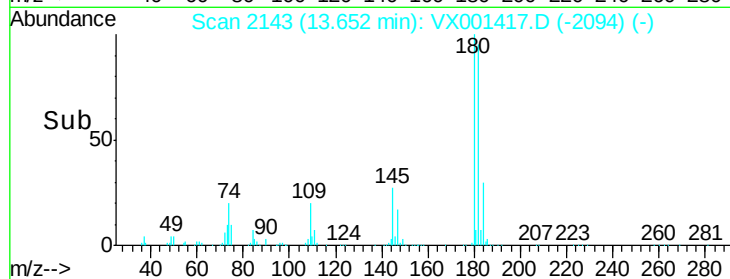
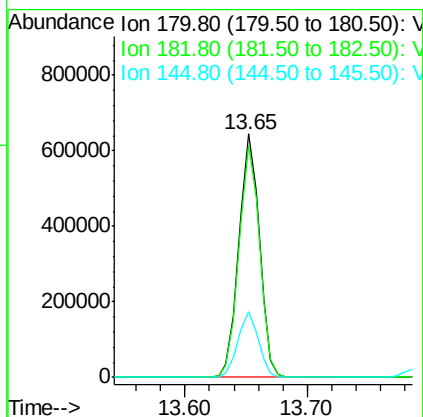
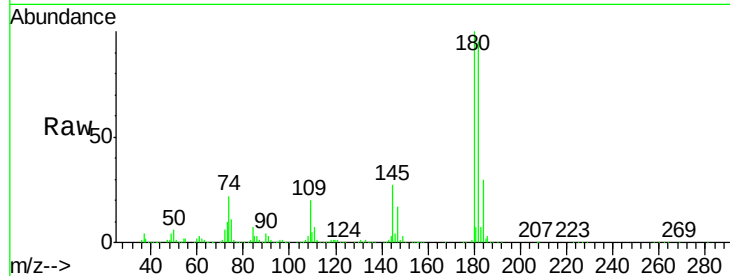




#93
 1,2,4-Trichlorobenzene
 Concen: 97.67 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

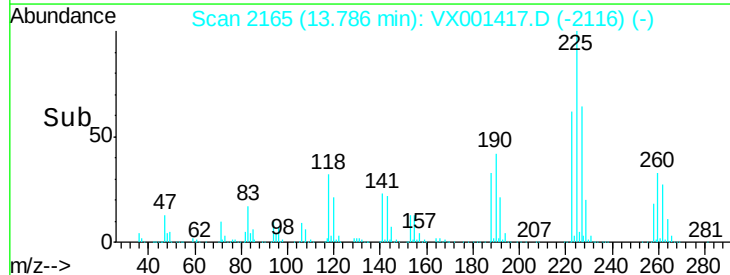
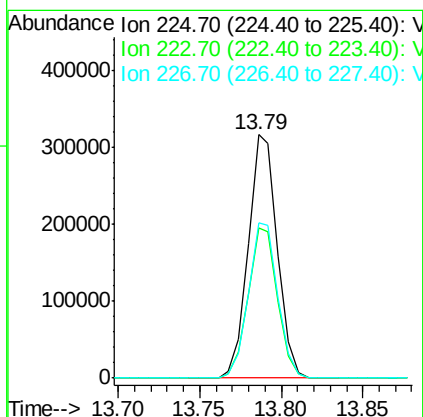
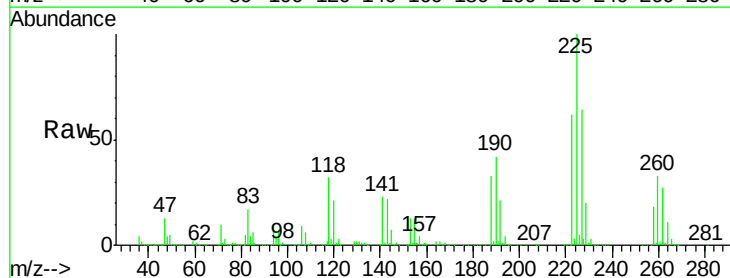
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

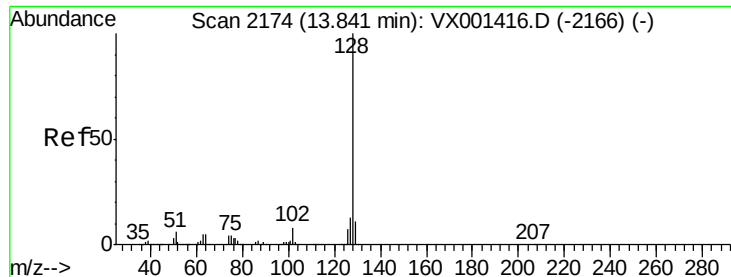
Tgt Ion:180 Resp: 743707
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.4
 145 26.9 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 98.00 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001417.D
 Acq: 05 May 2018 13:51

Tgt Ion:225 Resp: 391639
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.9
 227 64.6 32.4 97.2





#95

Naphthalene

Concen: 105.99 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

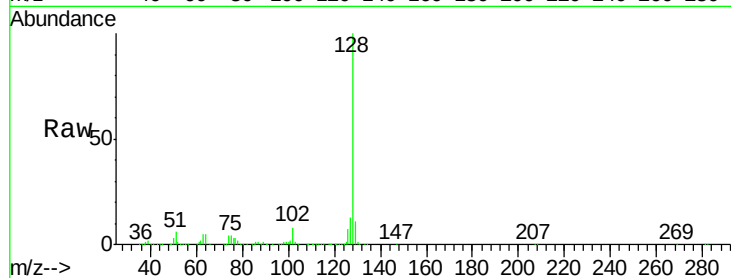
Tgt Ion:128 Resp: 2065334

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

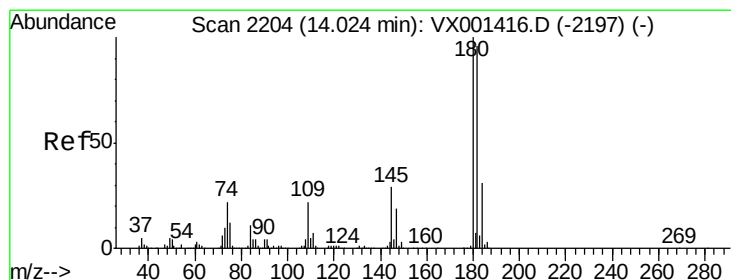
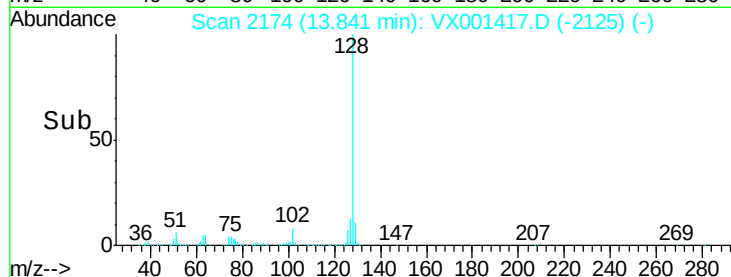
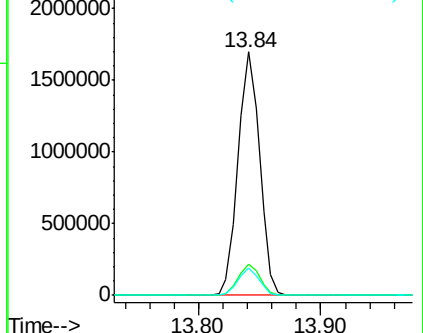
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 99.18 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX001417.D

Acq: 05 May 2018 13:51

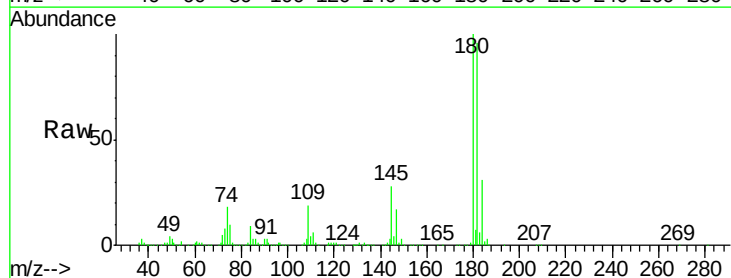
Tgt Ion:180 Resp: 744451

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.2

145 28.6 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

