

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
 Data File : VX001415.D
 Acq On : 05 May 2018 12:57
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: May 06 07:41:16 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	258011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	229572	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	76952	21.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.70%	
35) Dibromofluoromethane	5.51	113	62031	21.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.16%	
50) Toluene-d8	8.72	98	227022	21.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.30%	
62) 4-Bromofluorobenzene	11.14	95	85825	20.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.92%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	73687	24.99	ug/l	100
3) Chloromethane	1.32	50	68948	23.79	ug/l	100
4) Vinyl Chloride	1.40	62	73889	24.36	ug/l	100
5) Bromomethane	1.64	94	45028	18.85	ug/l	97
6) Chloroethane	1.72	64	47403	24.47	ug/l	98
7) Trichlorofluoromethane	1.93	101	110105	21.90	ug/l	98
8) Diethyl Ether	2.19	74	41343	23.45	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63060	21.65	ug/l	99
10) Methyl Iodide	2.51	142	88737	27.67	ug/l	99
11) Tert butyl alcohol	3.08	59	81005	125.98	ug/l	98
12) 1,1-Dichloroethene	2.37	96	58691	22.28	ug/l	98
13) Acrolein	2.30	56	15615	49.51	ug/l	98
14) Allyl chloride	2.73	41	107982	23.24	ug/l	98
15) Acrylonitrile	3.15	53	175325	118.57	ug/l	98
16) Acetone	2.45	43	170160	110.50	ug/l	100
17) Carbon Disulfide	2.57	76	143709	20.89	ug/l	99
18) Methyl Acetate	2.78	43	89695	24.20	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	201010	22.39	ug/l	100
20) Methylene Chloride	2.86	84	65532	19.55	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	63184	22.00	ug/l	99
22) Diisopropyl ether	3.88	45	194233	21.81	ug/l	99
23) Vinyl Acetate	3.83	43	819148	108.65	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111261	22.37	ug/l	99
25) 2-Butanone	4.72	43	245437	116.03	ug/l	98
26) 2,2-Dichloropropane	4.59	77	84538	21.03	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	68223	21.69	ug/l	97
28) Bromochloromethane	5.02	49	48706	22.14	ug/l	96
29) Tetrahydrofuran	5.18	42	154370	117.73	ug/l	99
30) Chloroform	5.22	83	114397	21.86	ug/l	96
31) Cyclohexane	5.57	56	95256	21.31	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	99705	21.79	ug/l	99
36) 1,1-Dichloropropene	5.80	75	83840	20.98	ug/l	100
37) Ethyl Acetate	4.87	43	92042	22.54	ug/l	99
38) Carbon Tetrachloride	5.79	117	89903	21.38	ug/l	99

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 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)
39) Methylcyclohexane	7.46	83	100860	21.33	ug/l	97
40) Benzene	6.15	78	251800	21.87	ug/l	99
41) Methacrylonitrile	5.07	41	51967	21.91	ug/l	99
42) 1,2-Dichloroethane	6.20	62	96892	21.71	ug/l	100
43) Isopropyl Acetate	6.48	43	141006	21.54	ug/l	100
44) Trichloroethene	7.22	130	77353	21.96	ug/l	98
45) 1,2-Dichloropropane	7.52	63	62698	21.38	ug/l	99
46) Dibromomethane	7.67	93	44286	21.45	ug/l	100
47) Bromodichloromethane	7.90	83	82870	22.30	ug/l	98
48) Methyl methacrylate	7.79	41	77025	21.98	ug/l	98
49) 1,4-Dioxane	7.76	88	34951	516.23	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	485547	114.68	ug/l	100
52) Toluene	8.79	92	163914	21.77	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	93216	21.17	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	83917	20.80	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	65365	21.61	ug/l	99
56) Ethyl methacrylate	9.19	69	91841	21.70	ug/l	97
57) 1,3-Dichloropropane	9.38	76	110969	22.63	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	241893	117.59	ug/l	99
59) 2-Hexanone	9.51	43	371940	112.75	ug/l	99
60) Dibromochloromethane	9.59	129	66525	20.98	ug/l	98
61) 1,2-Dibromoethane	9.68	107	69877	21.74	ug/l	99
64) Tetrachloroethene	9.34	164	93960	23.48	ug/l	100
65) Chlorobenzene	10.15	112	187905	20.82	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	68991	21.95	ug/l	99
67) Ethyl Benzene	10.26	91	312294	21.03	ug/l	98
68) m/p-Xylenes	10.37	106	249446	42.62	ug/l	100
69) o-Xylene	10.71	106	118931	20.88	ug/l	96
70) Styrene	10.72	104	197346	21.20	ug/l	100
71) Bromoform	10.86	173	52967	19.96	ug/l	99
73) Isopropylbenzene	11.02	105	325335	20.97	ug/l	100
74) N-amyl acetate	6.48	43	141006	21.10	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	90978	19.73	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	107235	25.00	ug/l	88
77) Bromobenzene	11.26	156	91482	20.54	ug/l	99
78) n-propylbenzene	11.37	91	355730	20.70	ug/l	99
79) 2-Chlorotoluene	11.43	91	215164	20.72	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	273074	21.07	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21581	19.22	ug/l	88
82) 4-Chlorotoluene	11.52	91	249394	20.08	ug/l	100
83) tert-Butylbenzene	11.77	119	260167	20.13	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	282329	21.22	ug/l	99
85) sec-Butylbenzene	11.95	105	325062	20.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	296605	20.83	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	165398	19.86	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	166020	19.42	ug/l	99
89) n-Butylbenzene	12.40	91	241852	19.63	ug/l	100
90) Hexachloroethane	12.60	117	41688	20.21	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	167250	20.18	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20297	21.53	ug/l	98

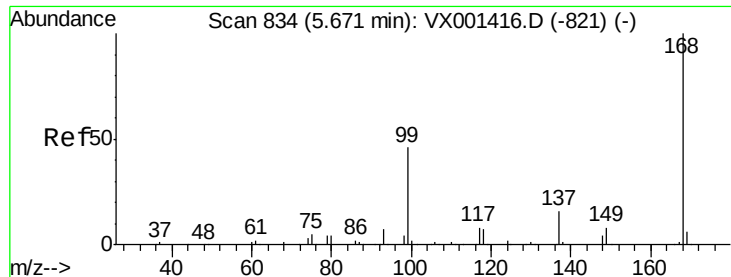
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
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Quant Title : SW846 8260
QLast Update : Sun May 06 07:39:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	120287	18.16	ug/l	100
94) Hexachlorobutadiene	13.79	225	65926	18.96	ug/l	99
95) Naphthalene	13.84	128	341962	20.17	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125975	19.29	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

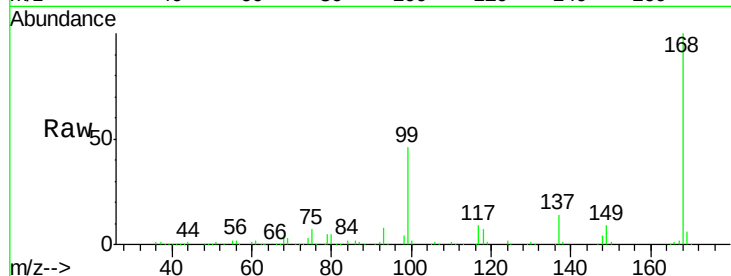
VSTDIC020

Tgt Ion:168 Resp: 258011

Ion Ratio Lower Upper

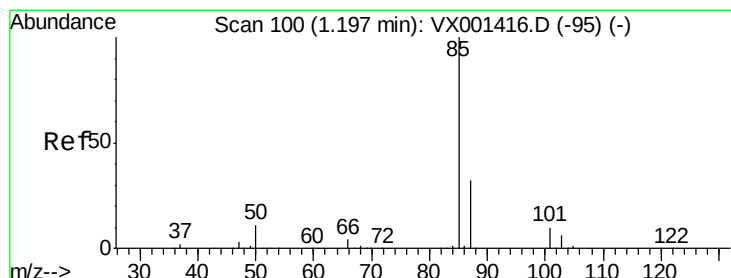
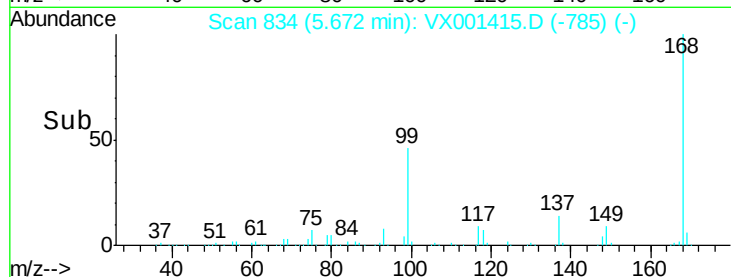
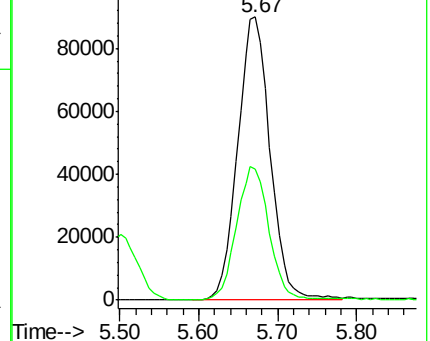
168 100

99 46.3 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: 24.99 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001415.D

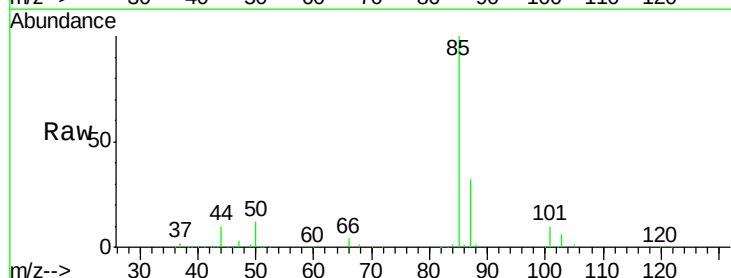
Acq: 05 May 2018 12:57

Tgt Ion: 85 Resp: 73687

Ion Ratio Lower Upper

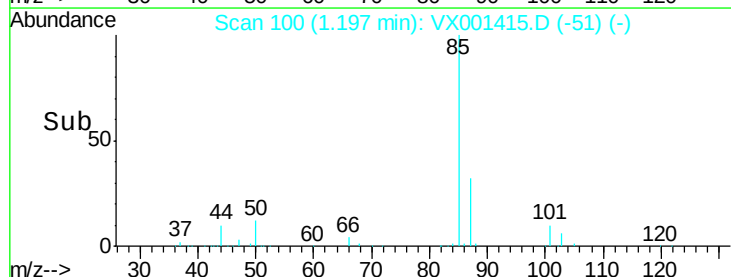
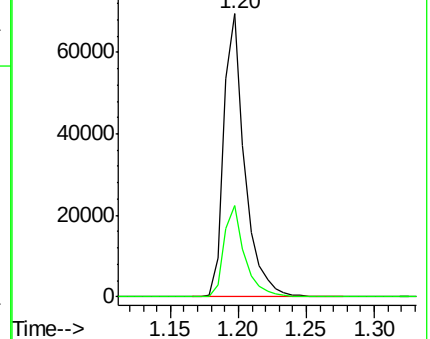
85 100

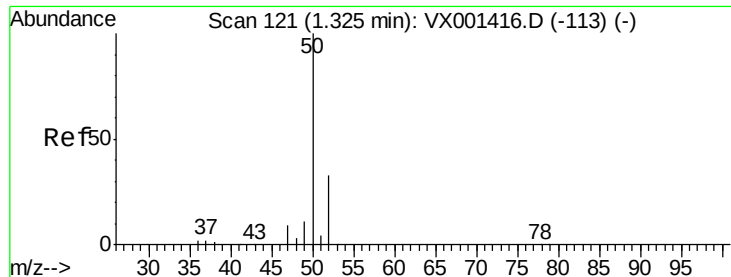
87 32.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 23.79 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

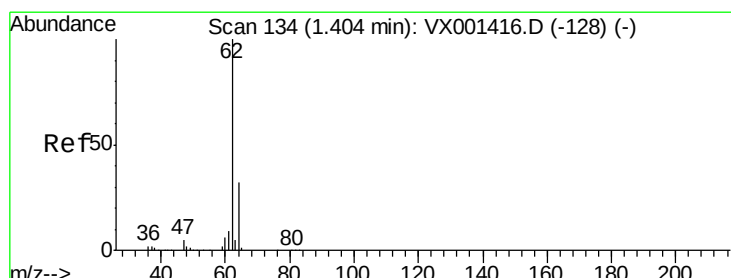
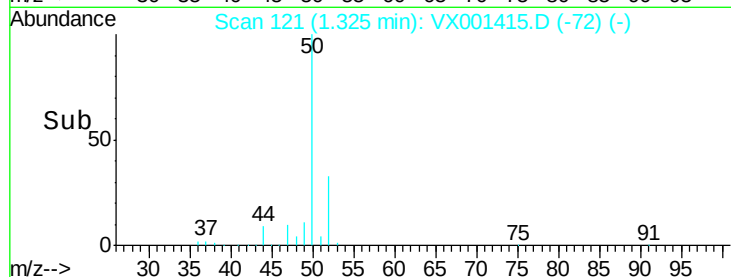
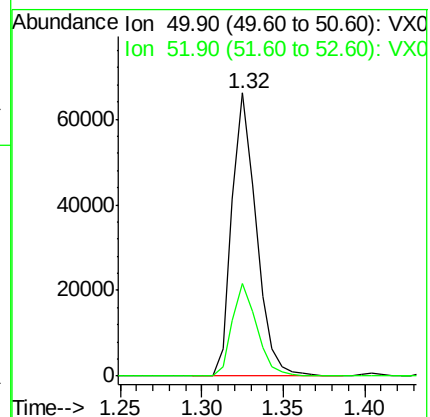
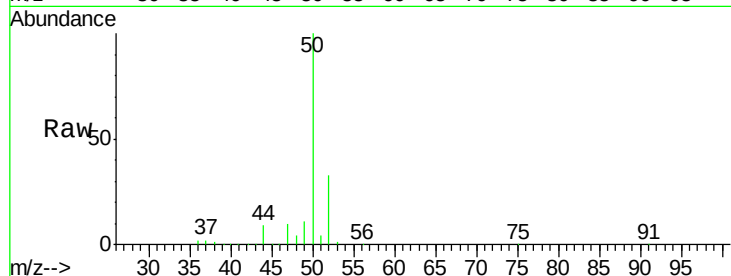
VSTDIC020

Tgt Ion: 50 Resp: 68948

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.4



#4

Vinyl Chloride

Concen: 24.36 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001415.D

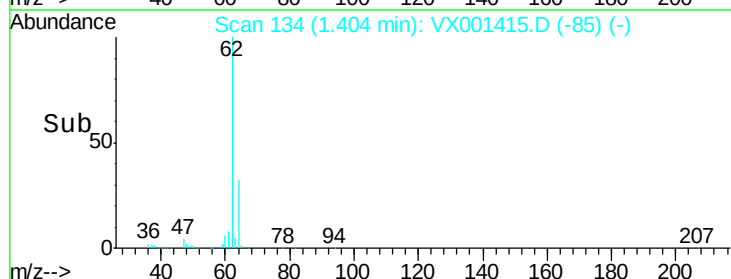
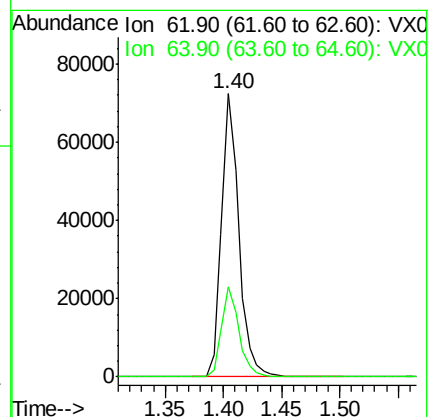
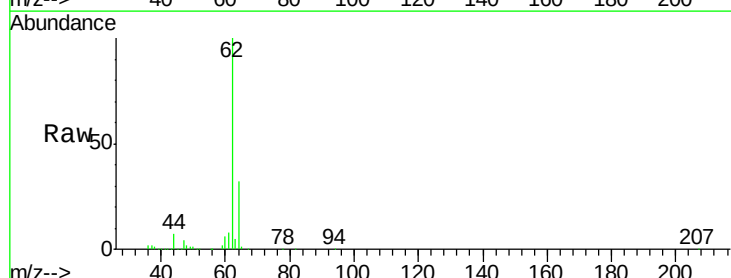
Acq: 05 May 2018 12:57

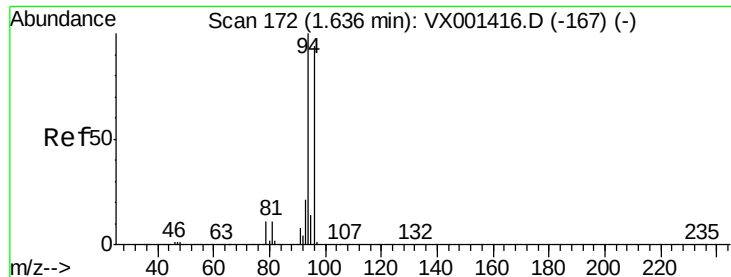
Tgt Ion: 62 Resp: 73889

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.6





#5

Bromomethane

Concen: 18.85 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

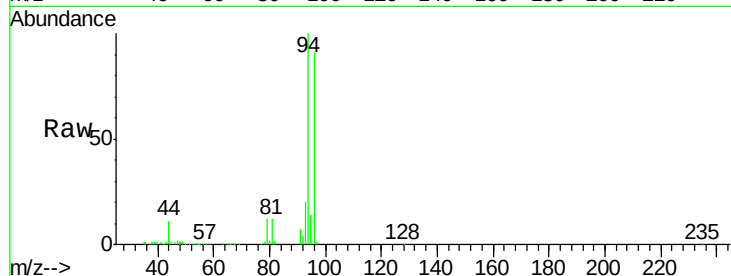
VSTDIC020

Tgt Ion: 94 Resp: 45028

Ion Ratio Lower Upper

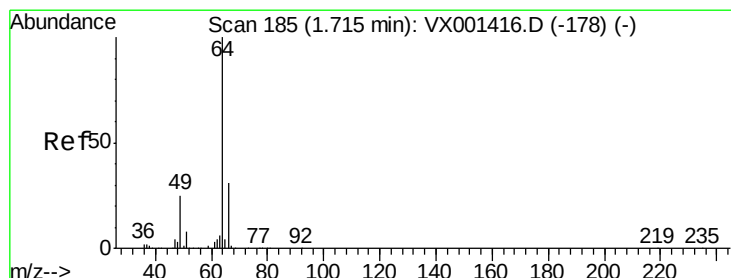
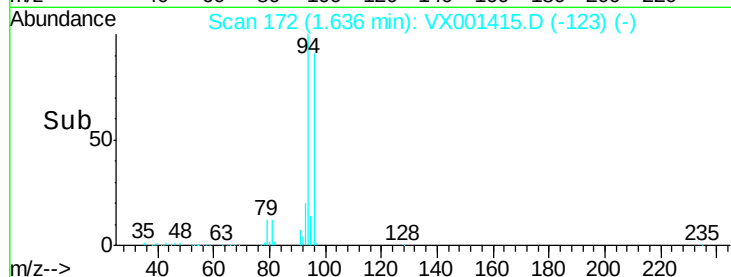
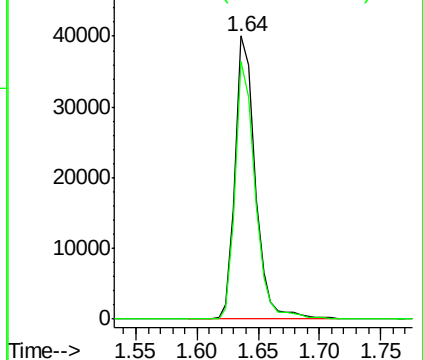
94 100

96 91.2 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 24.47 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001415.D

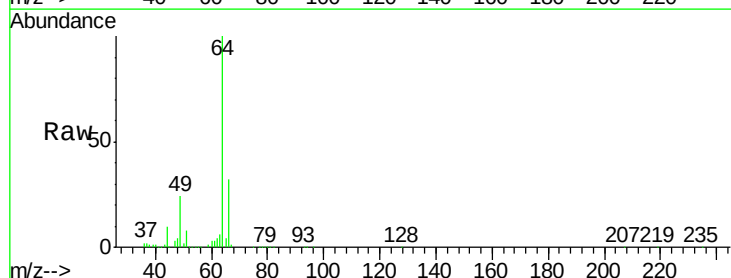
Acq: 05 May 2018 12:57

Tgt Ion: 64 Resp: 47403

Ion Ratio Lower Upper

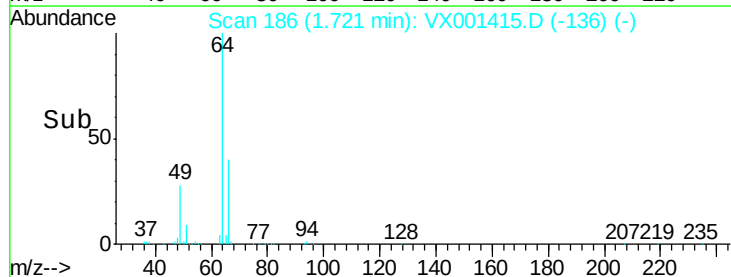
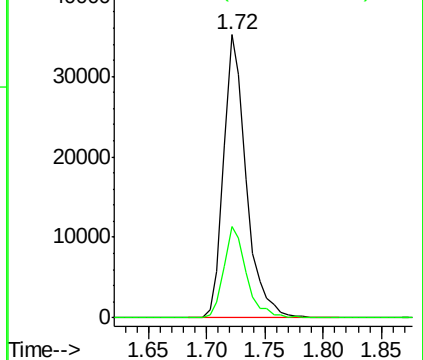
64 100

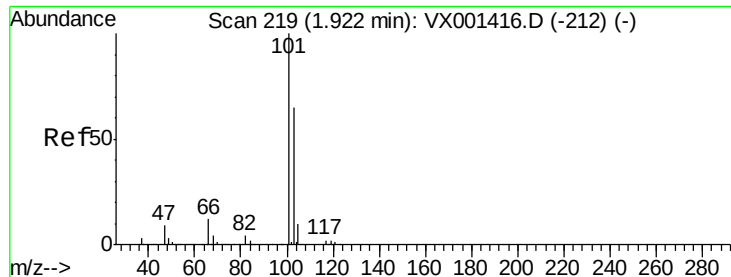
66 32.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



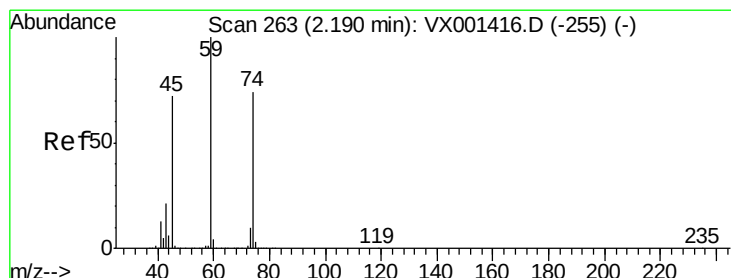
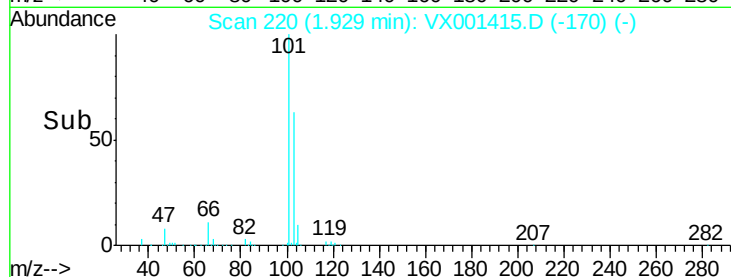
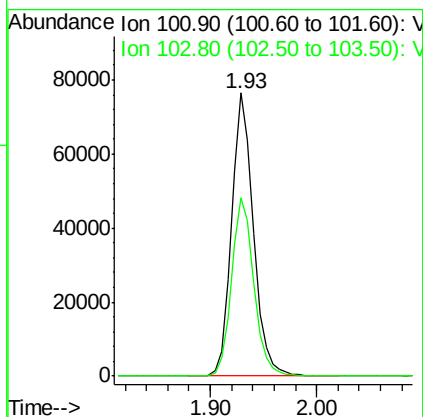
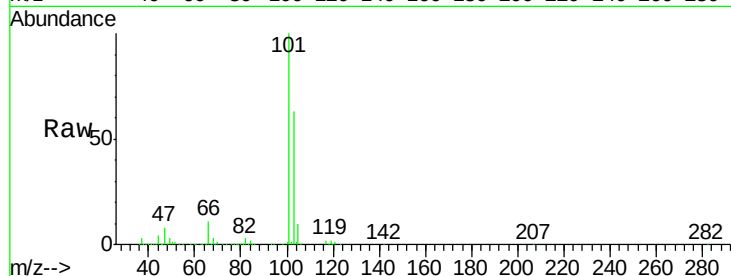


#7

Trichlorofluoromethane
 Concen: 21.90 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

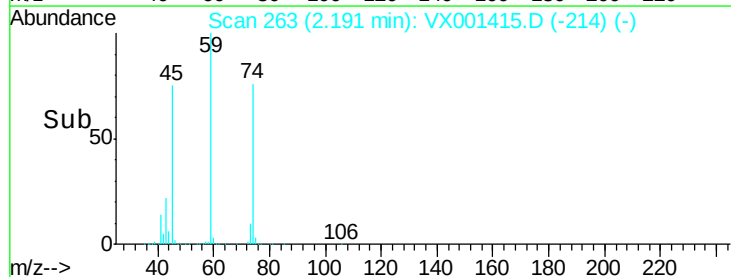
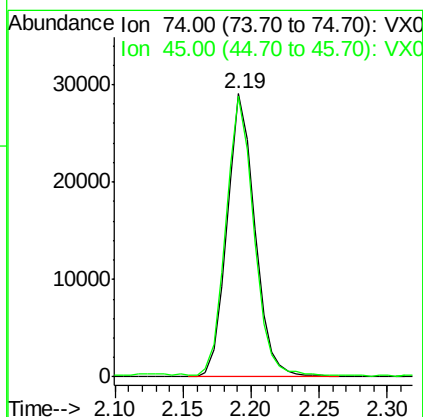
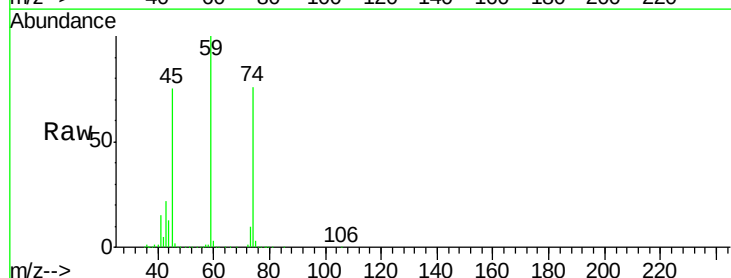
Tgt Ion:101 Resp: 110105
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.0 78.0

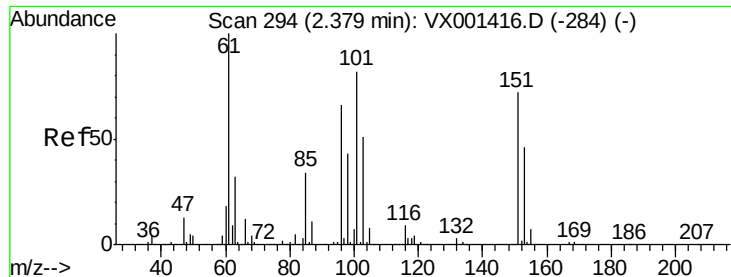


#8

Diethyl Ether
 Concen: 23.45 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion: 74 Resp: 41343
 Ion Ratio Lower Upper
 74 100
 45 99.6 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.65 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

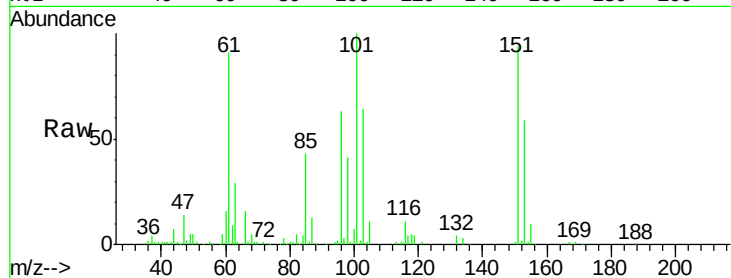
Tgt Ion:101 Resp: 63060

Ion Ratio Lower Upper

101 100

85 43.1 33.7 50.5

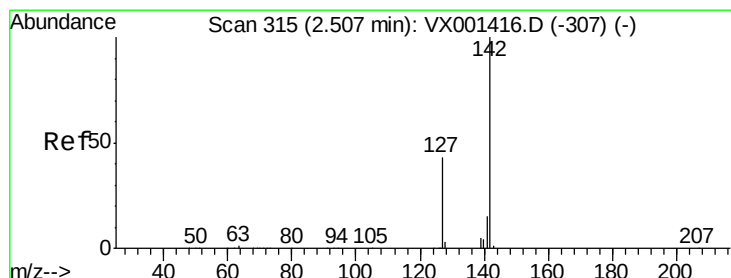
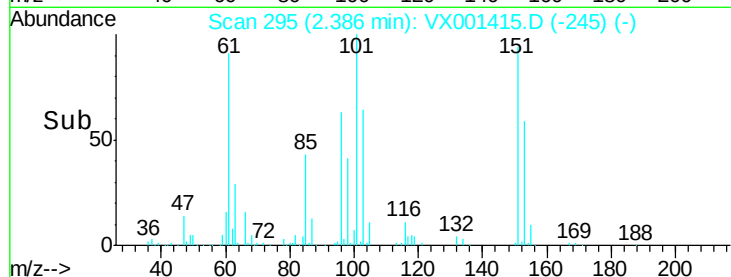
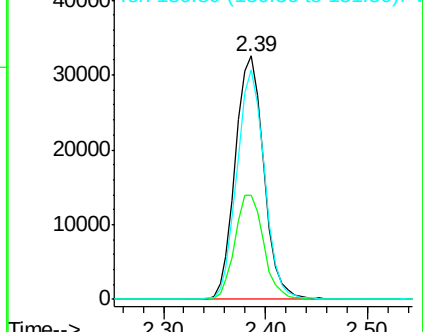
151 91.3 72.3 108.5



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: 27.67 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

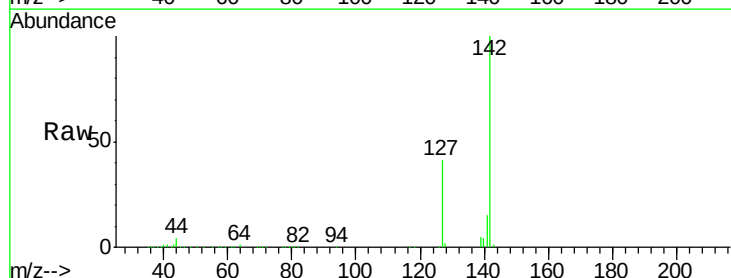
Tgt Ion:142 Resp: 88737

Ion Ratio Lower Upper

142 100

127 41.4 33.6 50.4

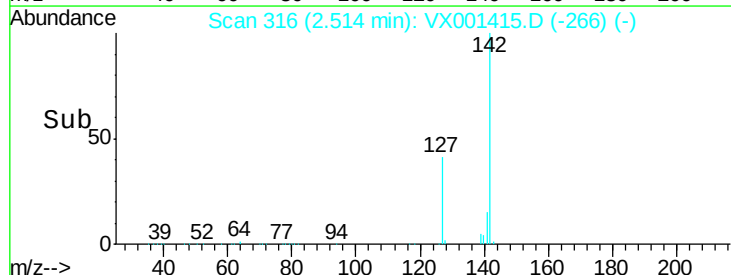
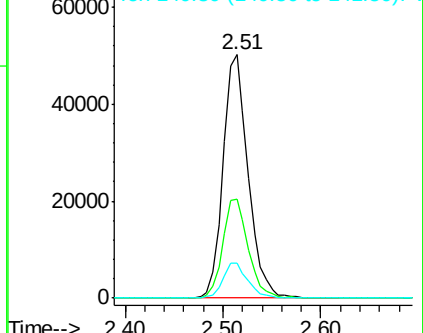
141 14.4 11.4 17.2

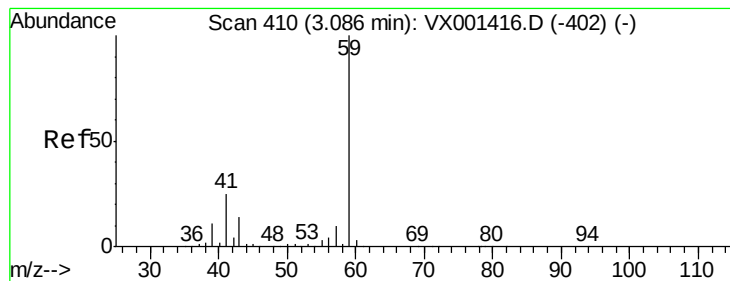


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



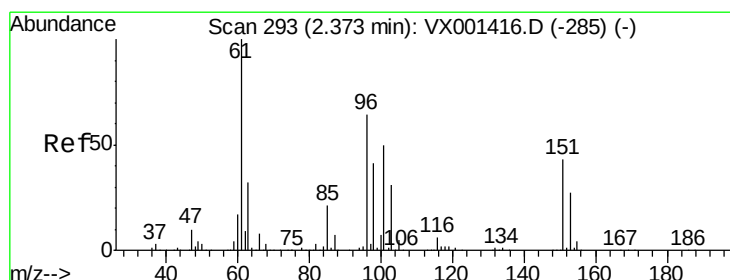
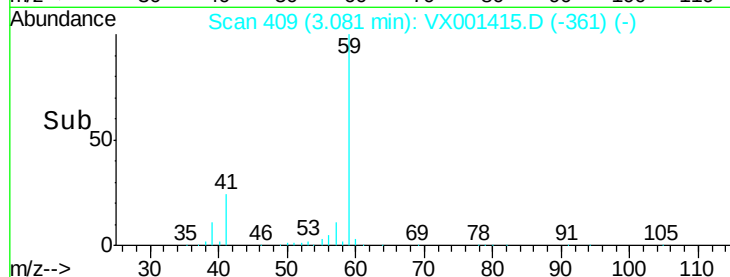
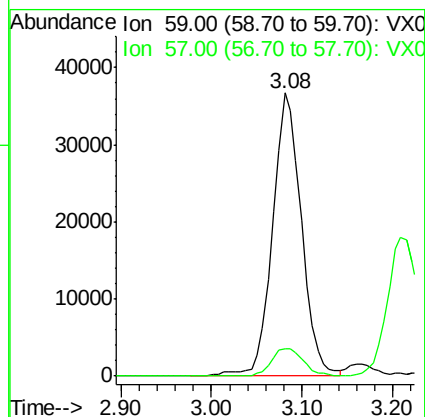
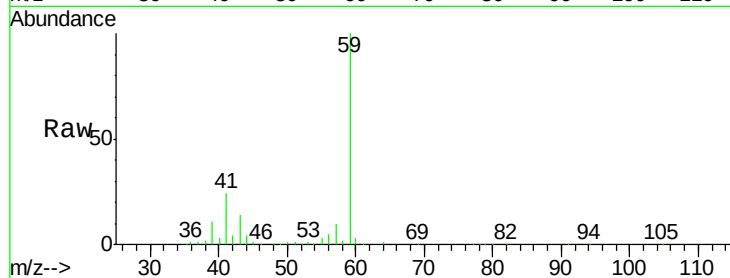


#11

Tert butyl alcohol
 Concen: 125.98 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

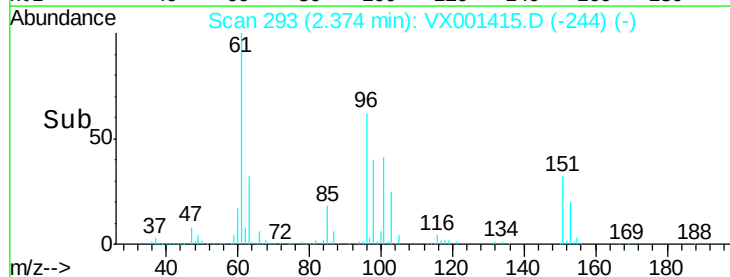
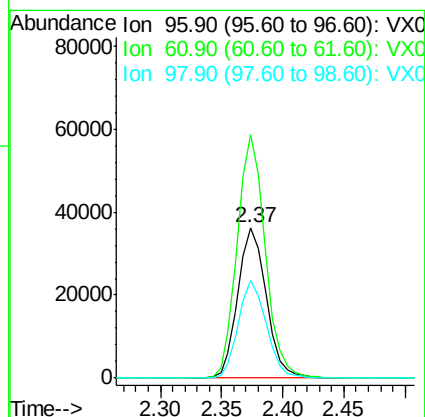
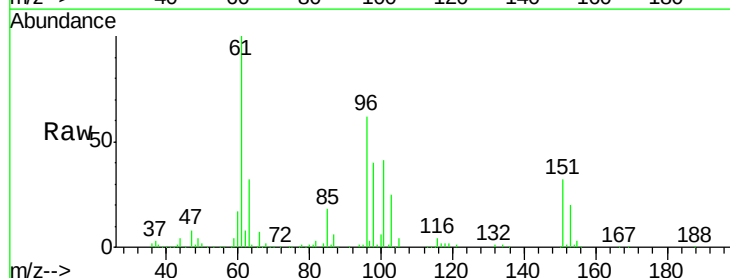
Tgt Ion: 59 Resp: 81005
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.4

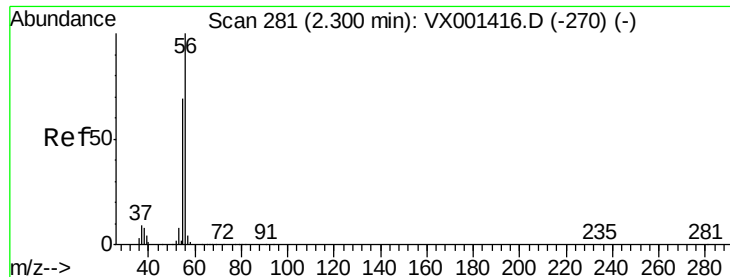


#12

1,1-Dichloroethene
 Concen: 22.28 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion: 96 Resp: 58691
 Ion Ratio Lower Upper
 96 100
 61 161.5 125.7 188.5
 98 65.0 52.0 78.0





#13

Acrolein

Concen: 49.51 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampled :

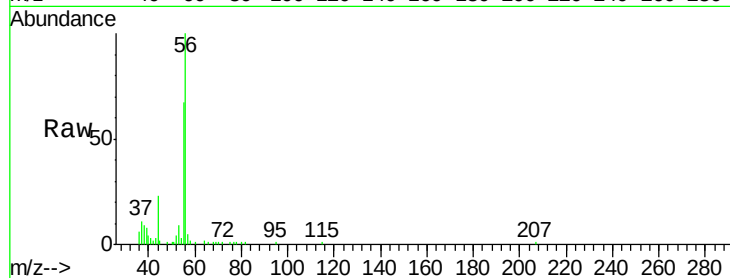
VSTDIC020

Tgt Ion: 56 Resp: 15615

Ion Ratio Lower Upper

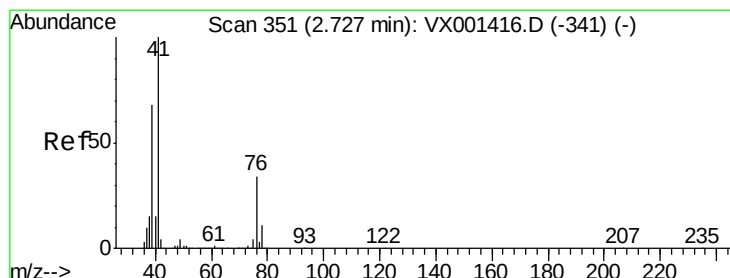
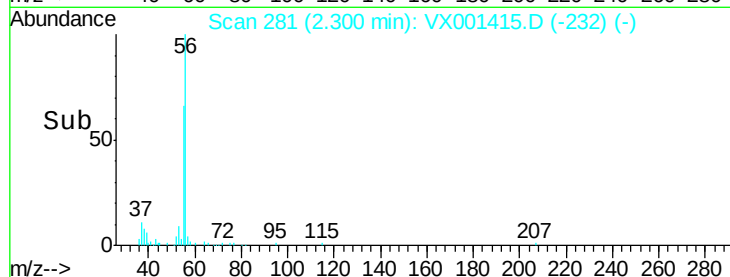
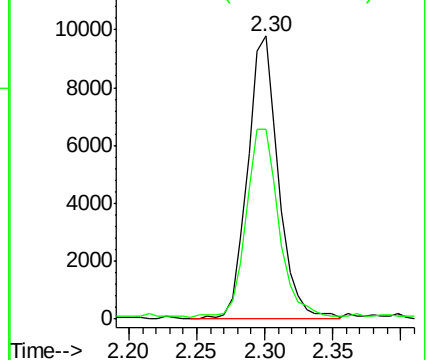
56 100

55 70.1 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 23.24 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

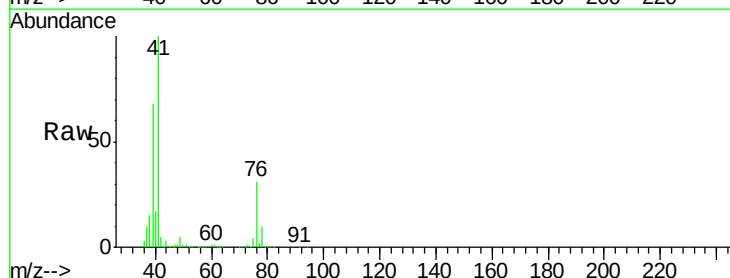
Tgt Ion: 41 Resp: 107982

Ion Ratio Lower Upper

41 100

39 64.1 52.4 78.6

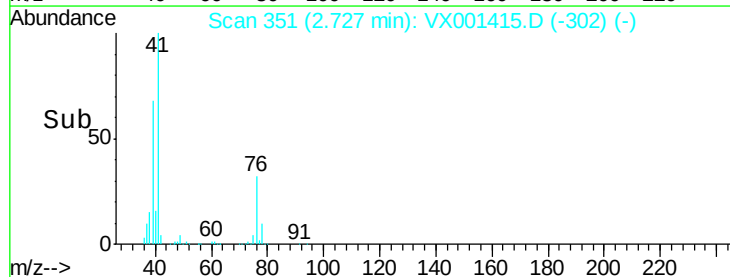
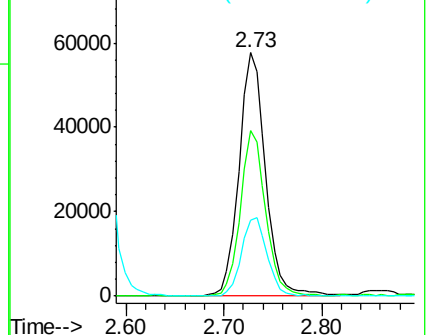
76 31.5 25.8 38.6

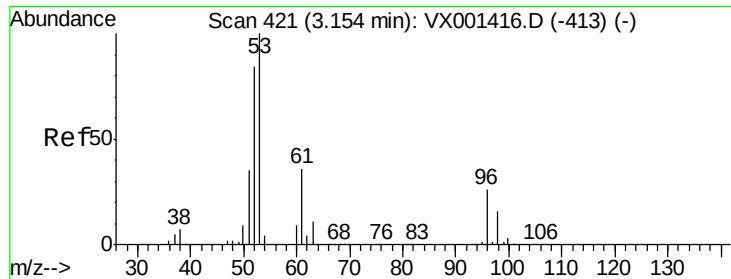


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 118.57 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

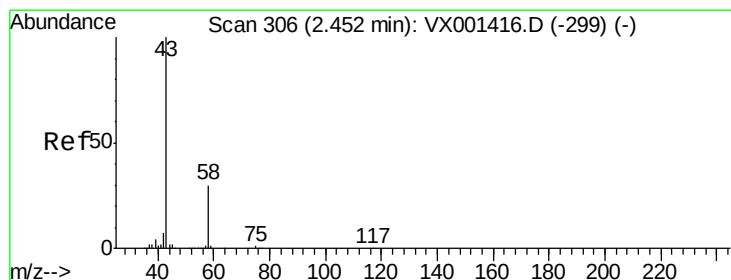
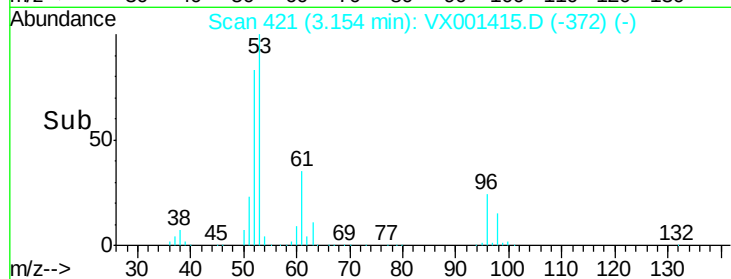
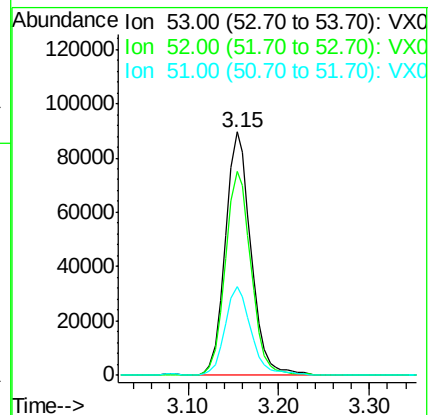
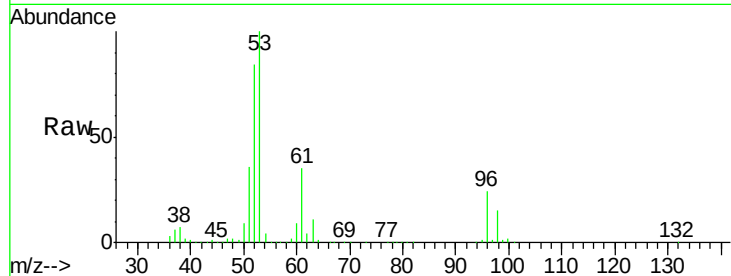
Tgt Ion: 53 Resp: 175325

Ion Ratio Lower Upper

53 100

52 84.6 66.2 99.2

51 37.4 28.6 43.0



#16

Acetone

Concen: 110.50 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001415.D

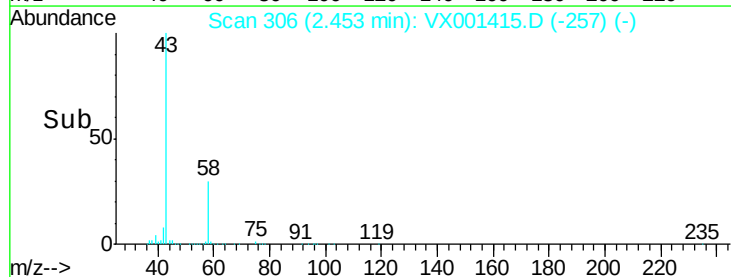
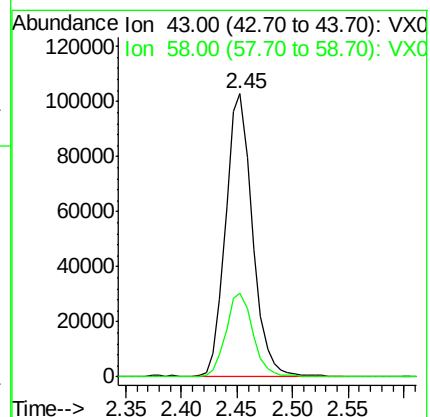
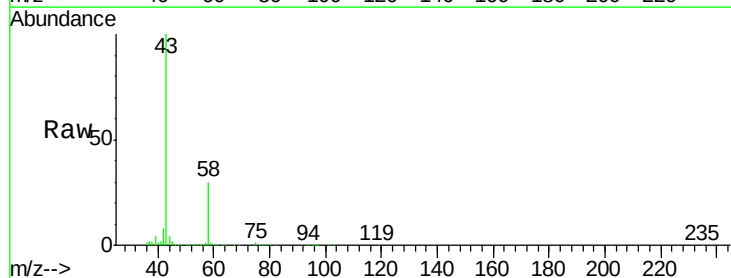
Acq: 05 May 2018 12:57

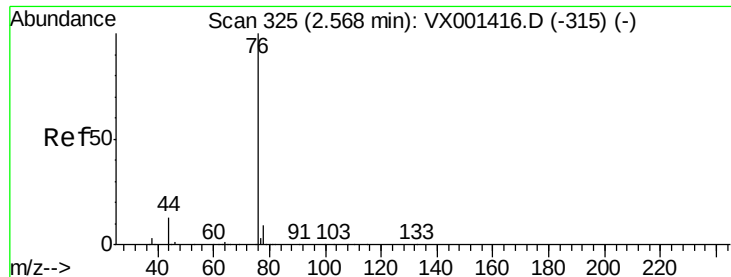
Tgt Ion: 43 Resp: 170160

Ion Ratio Lower Upper

43 100

58 29.8 23.8 35.8





#17

Carbon Disulfide

Concen: 20.89 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

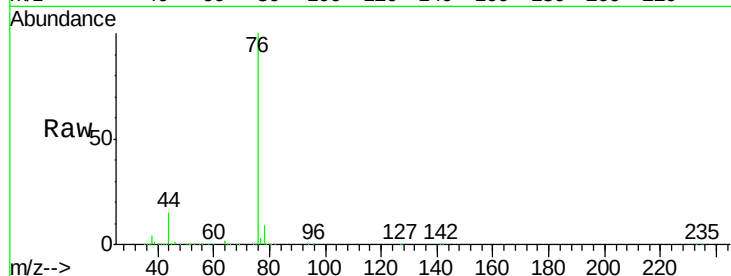
VSTDIC020

Tgt Ion: 76 Resp: 143709

Ion Ratio Lower Upper

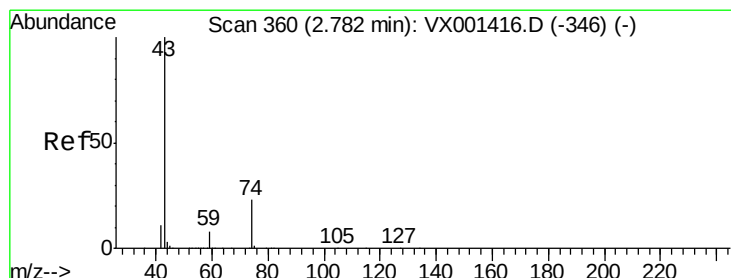
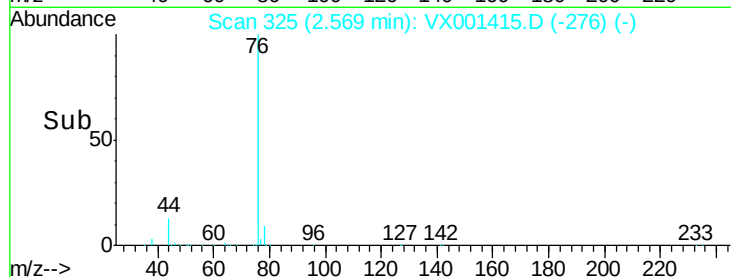
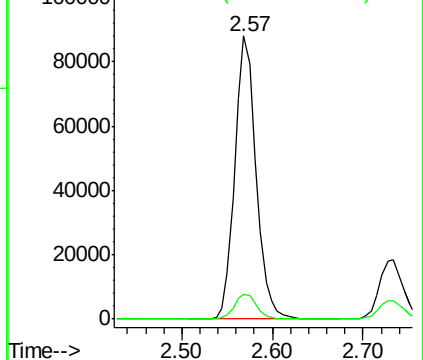
76 100

78 8.8 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: 24.20 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001415.D

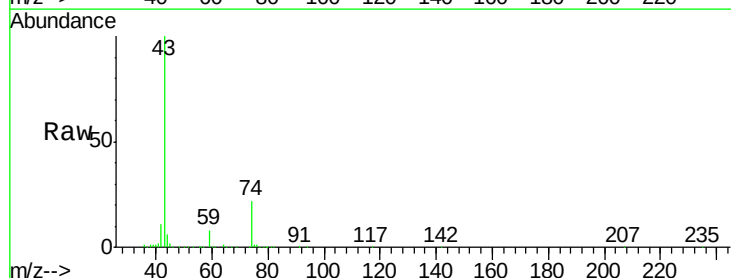
Acq: 05 May 2018 12:57

Tgt Ion: 43 Resp: 89695

Ion Ratio Lower Upper

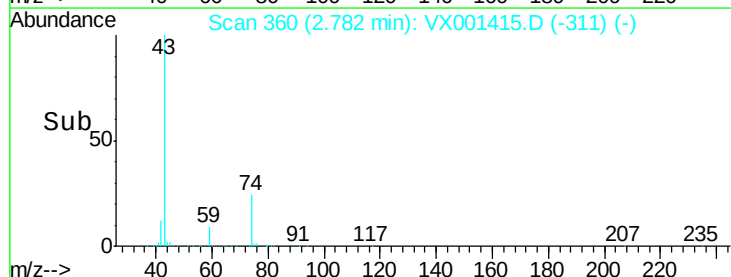
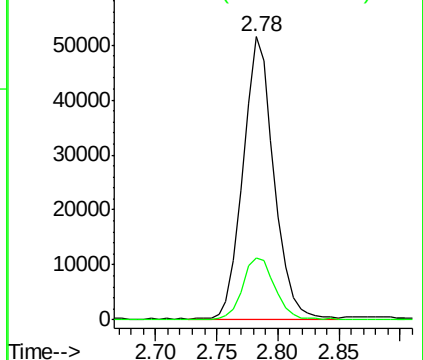
43 100

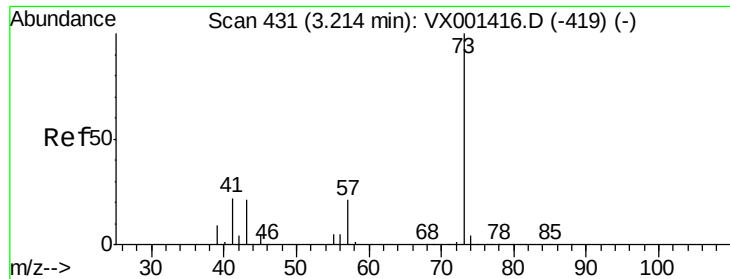
74 23.6 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

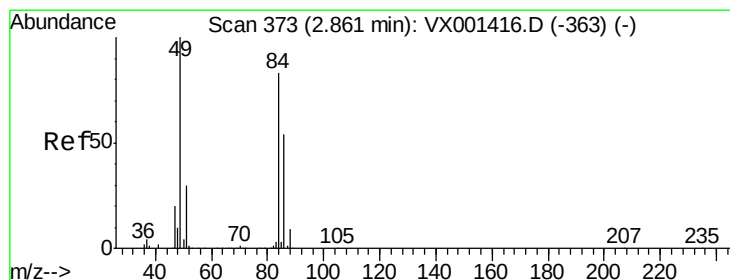
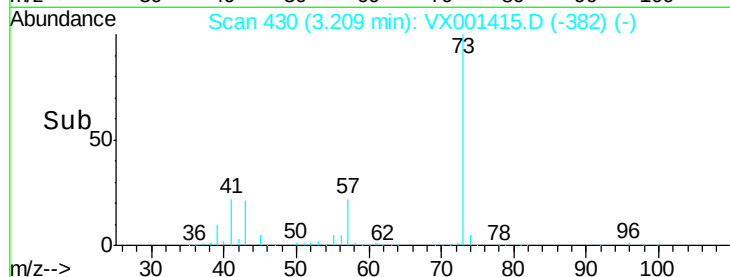
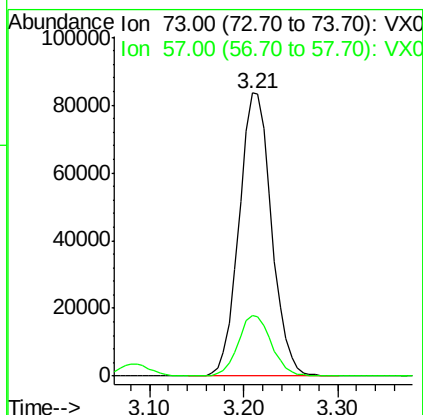
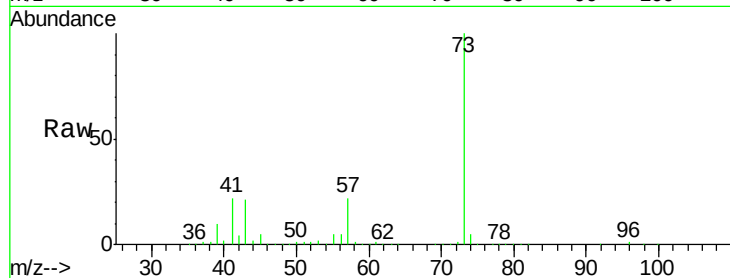




#19
Methyl tert-butyl Ether
Concen: 22.39 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

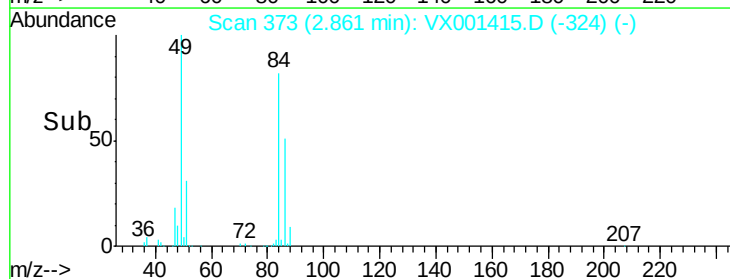
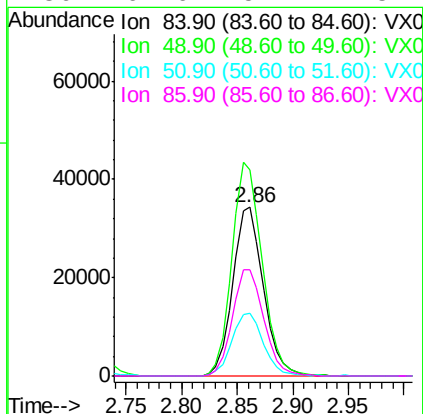
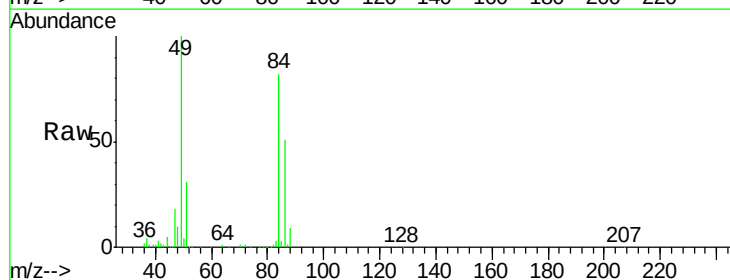
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

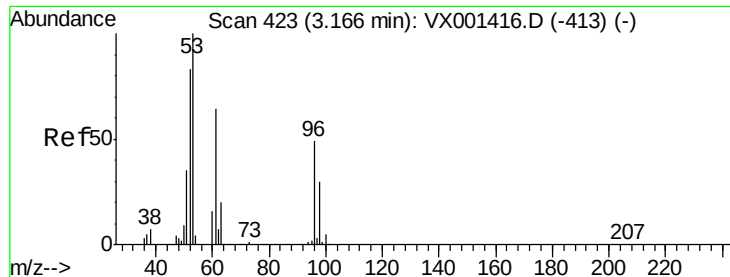
Tgt Ion: 73 Resp: 201010
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.6



#20
Methylene Chloride
Concen: 19.55 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion: 84 Resp: 65532
Ion Ratio Lower Upper
84 100
49 122.1 96.6 144.8
51 37.3 29.0 43.4
86 62.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 22.00 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

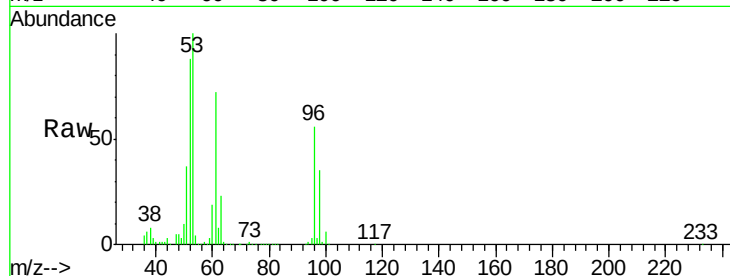
Tgt Ion: 96 Resp: 63184

Ion Ratio Lower Upper

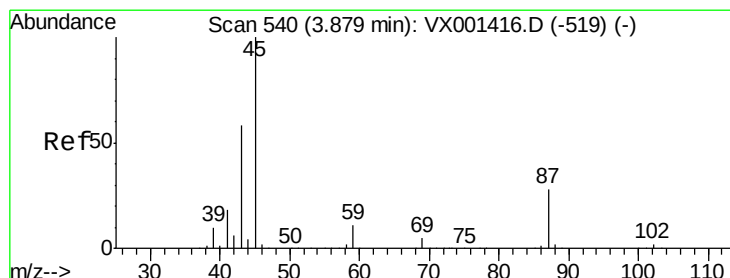
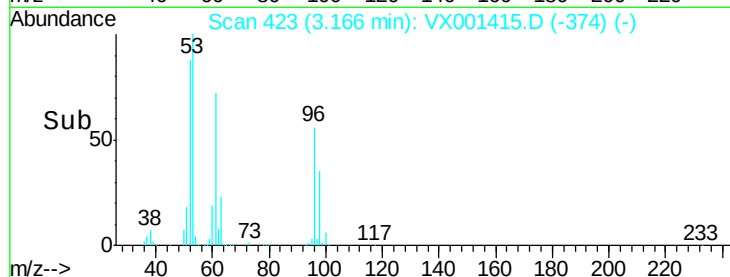
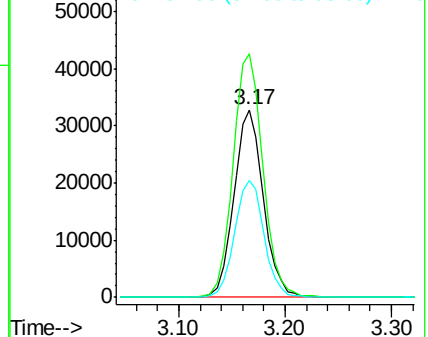
96 100

61 129.7 105.0 157.4

98 62.1 49.9 74.9



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



#22

Diisopropyl ether

Concen: 21.81 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Tgt Ion: 45 Resp: 194233

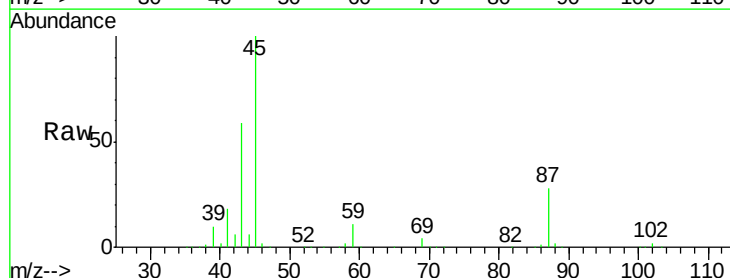
Ion Ratio Lower Upper

45 100

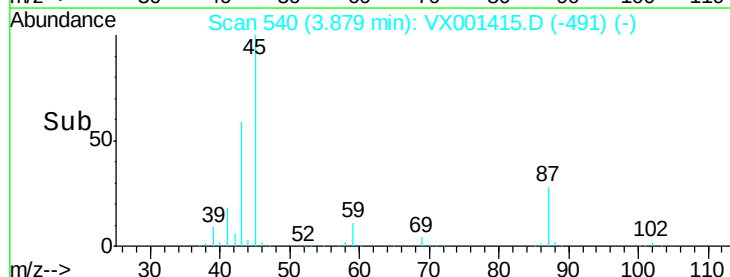
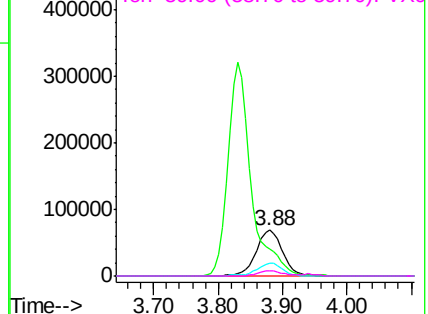
43 59.2 46.5 69.7

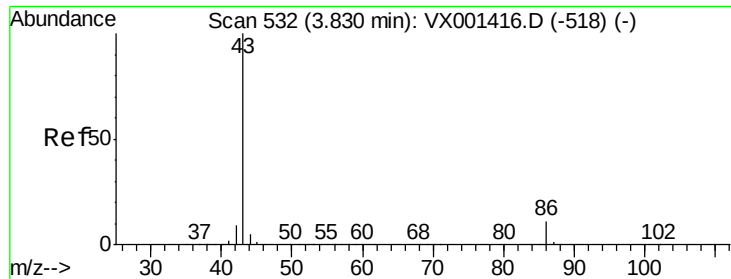
87 28.0 22.6 34.0

59 11.1 9.1 13.7



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





#23

Vinyl Acetate

Concen: 108.65 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

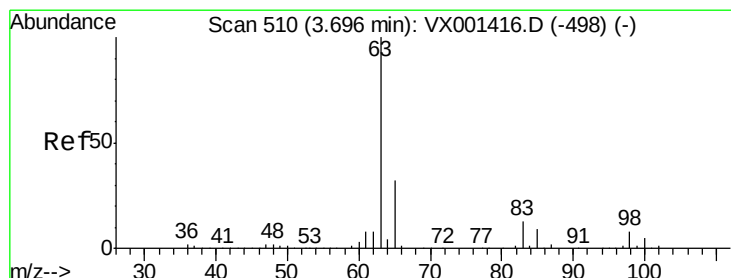
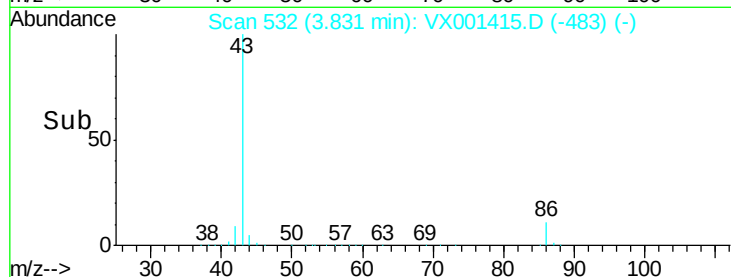
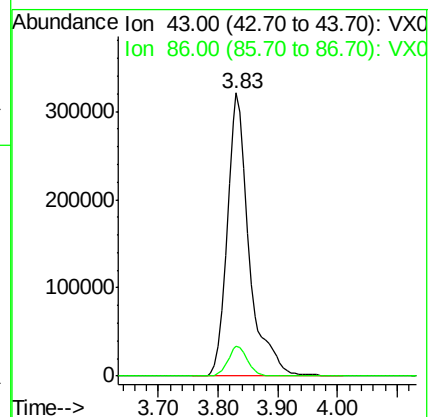
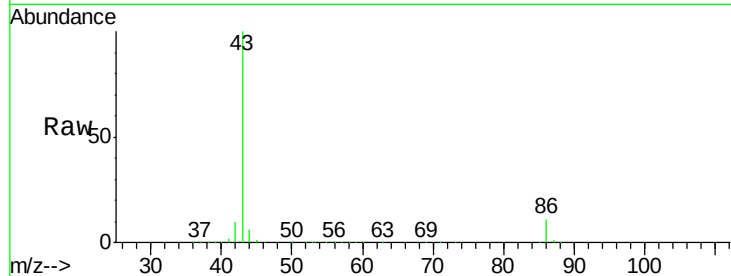
VSTDIC020

Tgt Ion: 43 Resp: 819148

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



#24

1,1-Dichloroethane

Concen: 22.37 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

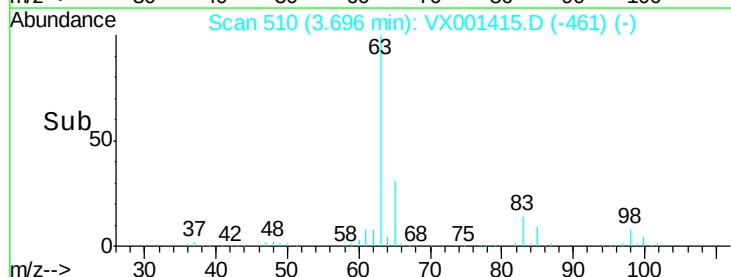
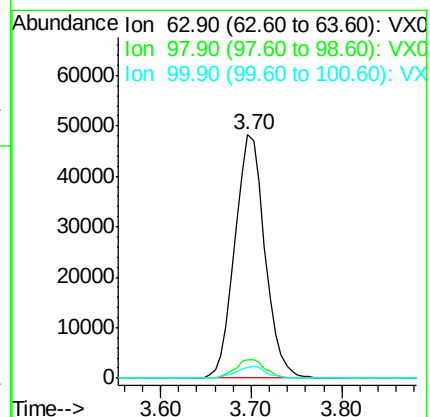
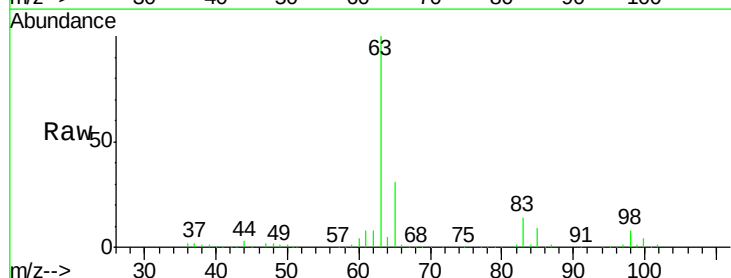
Tgt Ion: 63 Resp: 111261

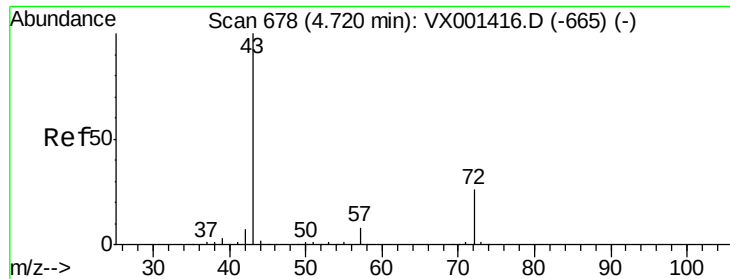
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 116.03 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

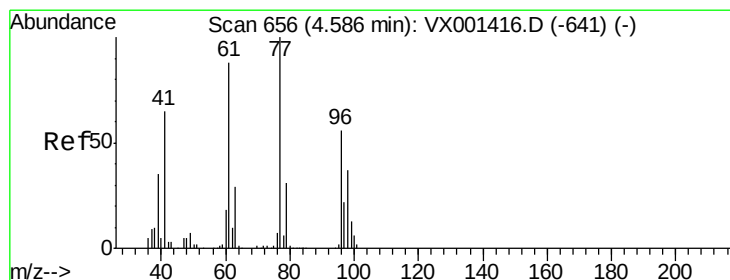
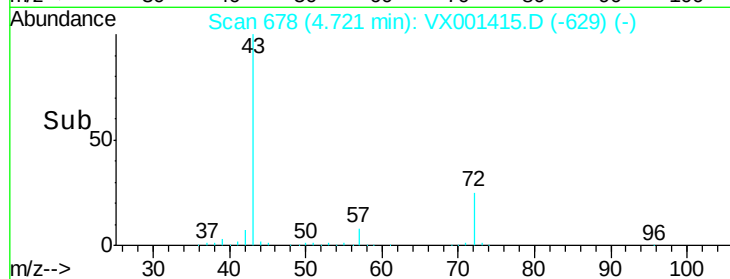
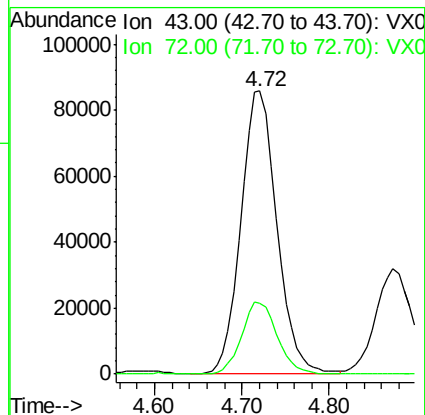
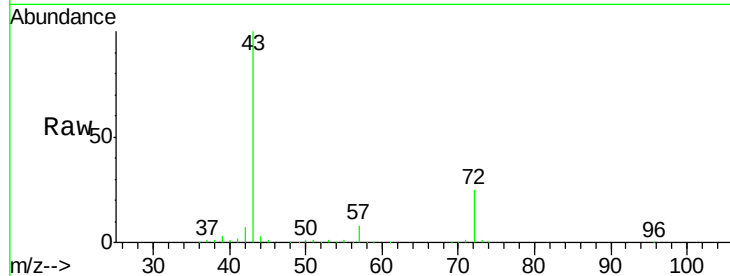
VSTDIC020

Tgt Ion: 43 Resp: 245437

Ion Ratio Lower Upper

43 100

72 25.1 20.7 31.1



#26

2,2-Dichloropropane

Concen: 21.03 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001415.D

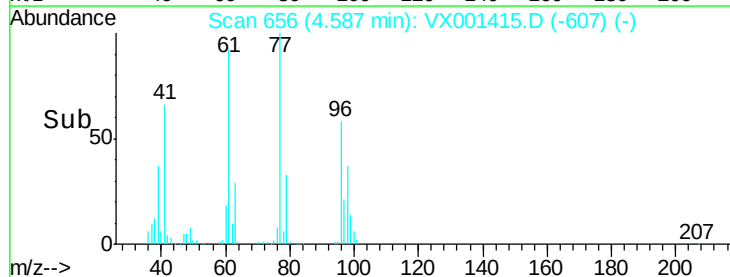
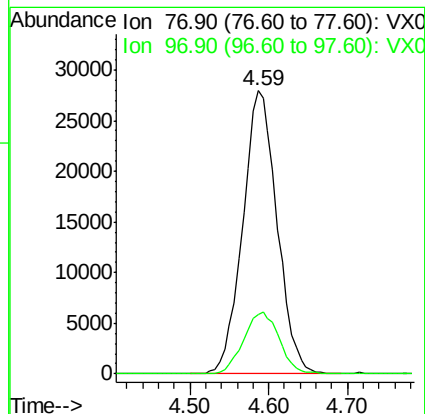
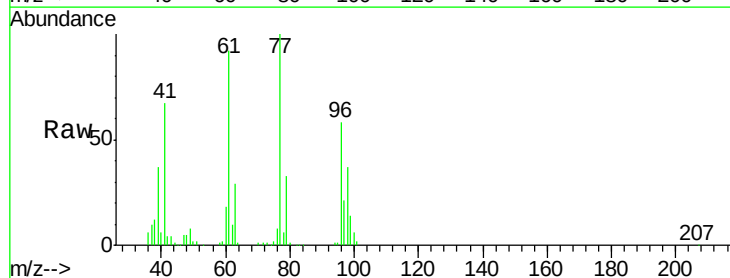
Acq: 05 May 2018 12:57

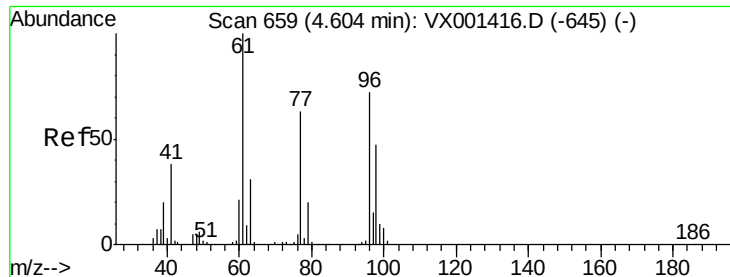
Tgt Ion: 77 Resp: 84538

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 21.69 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

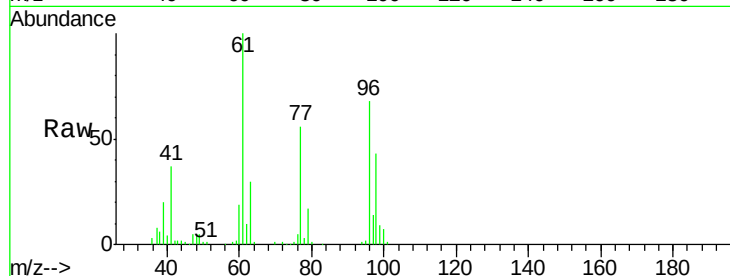
Tgt Ion: 96 Resp: 68223

Ion Ratio Lower Upper

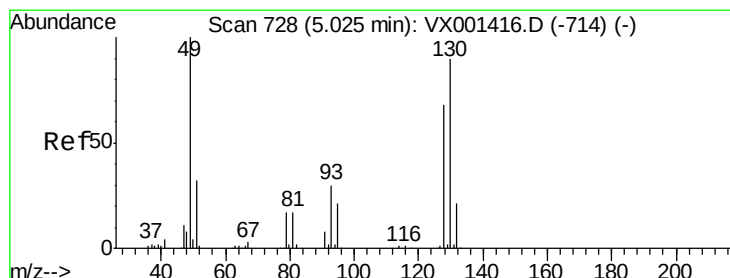
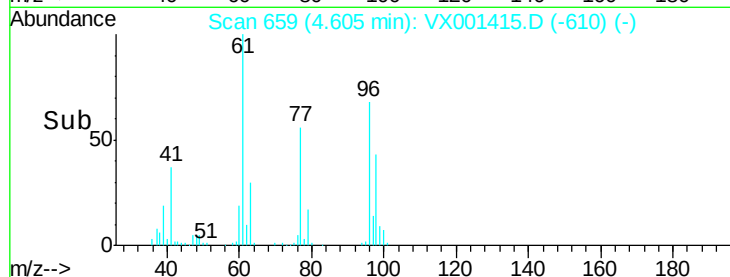
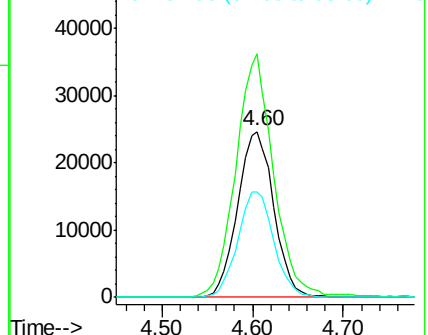
96 100

61 154.1 0.0 301.6

98 63.7 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: 22.14 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

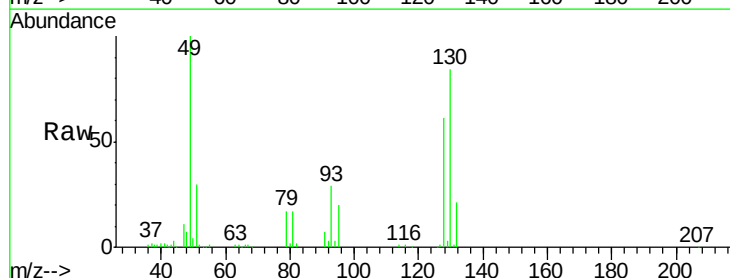
Tgt Ion: 49 Resp: 48706

Ion Ratio Lower Upper

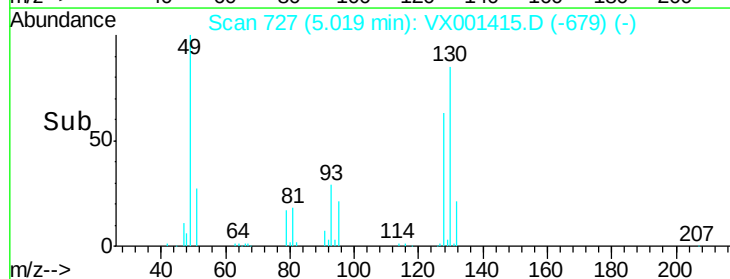
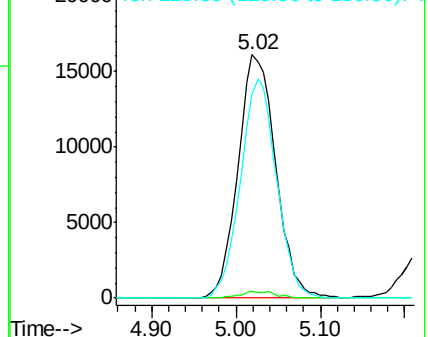
49 100

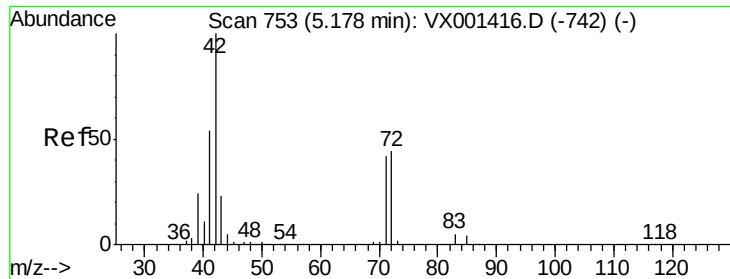
129 2.5 0.0 4.8

130 86.1 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

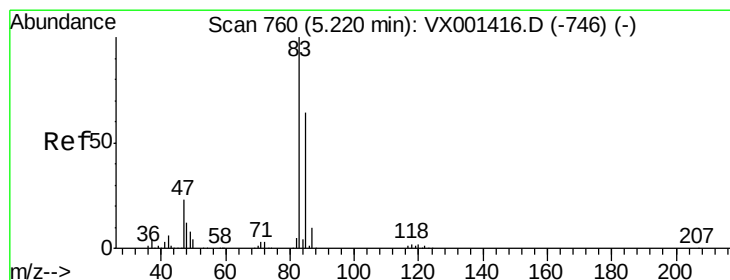
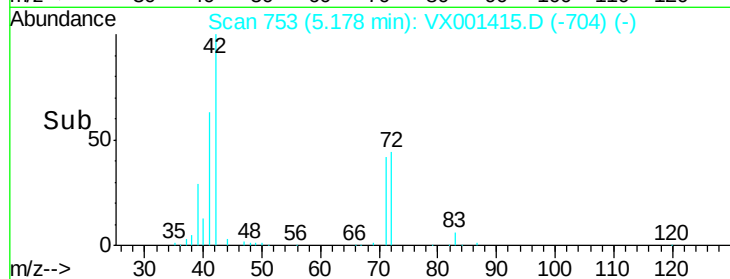
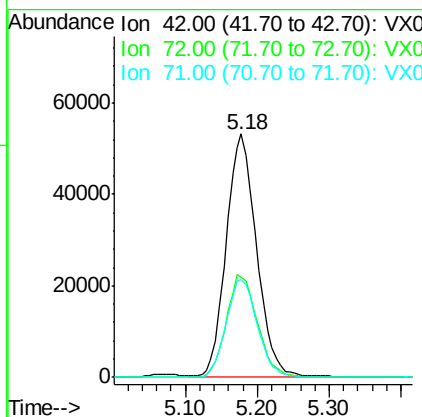
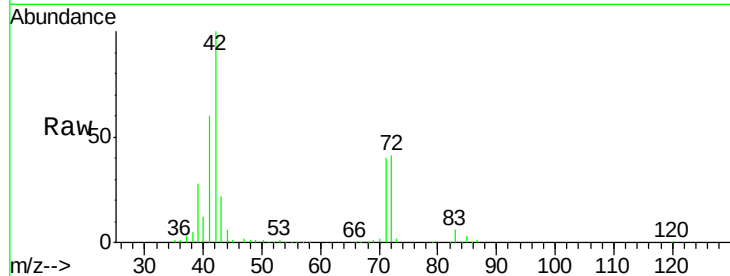




#29
Tetrahydrofuran
Concen: 117.73 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

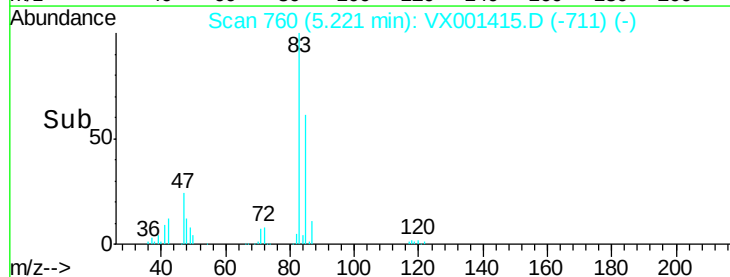
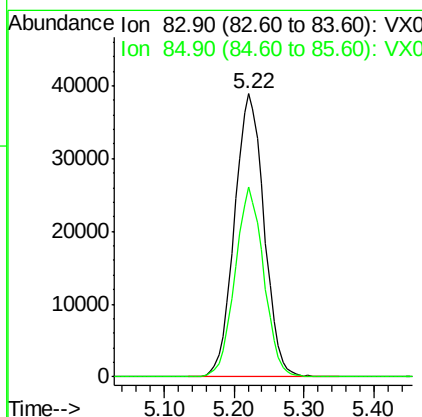
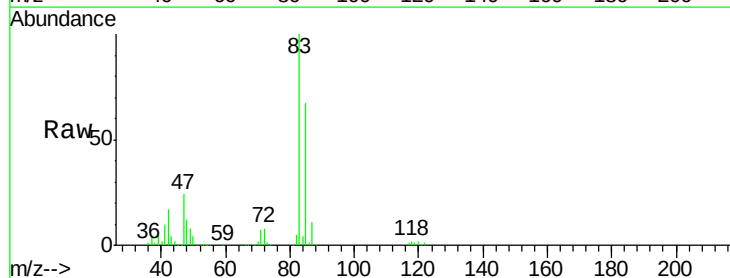
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

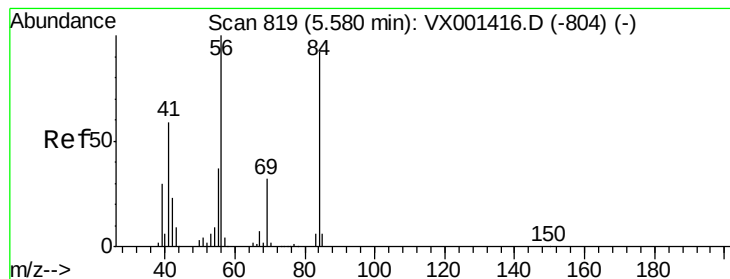
Tgt Ion: 42 Resp: 154370
Ion Ratio Lower Upper
42 100
72 44.0 35.4 53.2
71 42.0 33.0 49.4



#30
Chloroform
Concen: 21.86 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion: 83 Resp: 114397
Ion Ratio Lower Upper
83 100
85 67.0 51.0 76.4





#31

Cyclohexane

Concen: 21.31 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

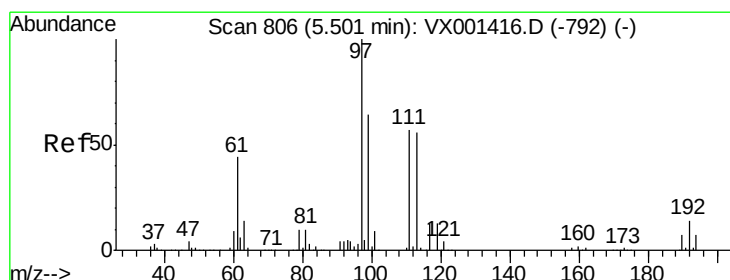
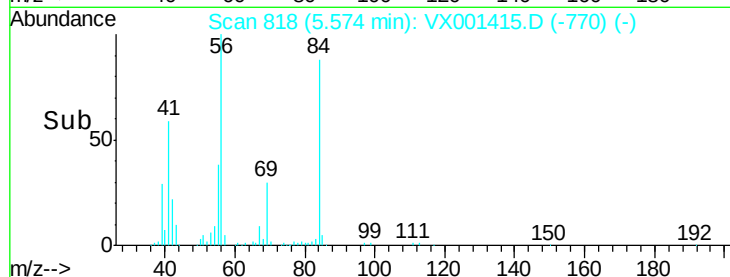
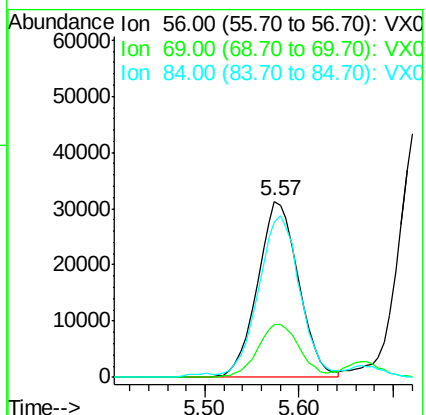
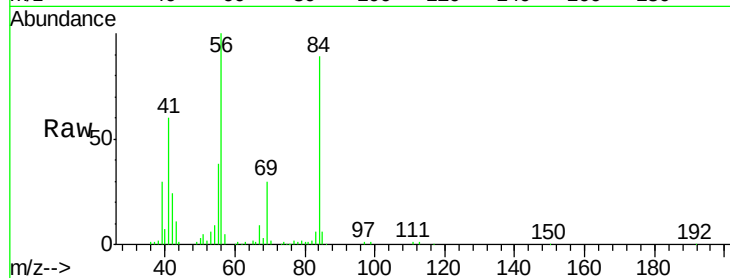
Tgt Ion: 56 Resp: 95256

Ion Ratio Lower Upper

56 100

69 30.3 25.4 38.0

84 87.0 73.8 110.8



#32

1,1,1-Trichloroethane

Concen: 21.79 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

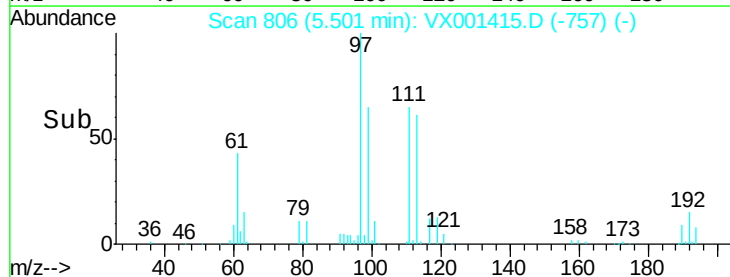
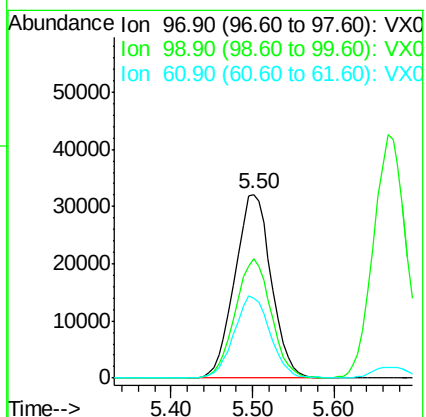
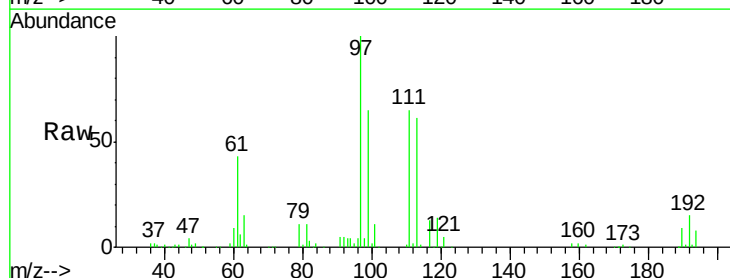
Tgt Ion: 97 Resp: 99705

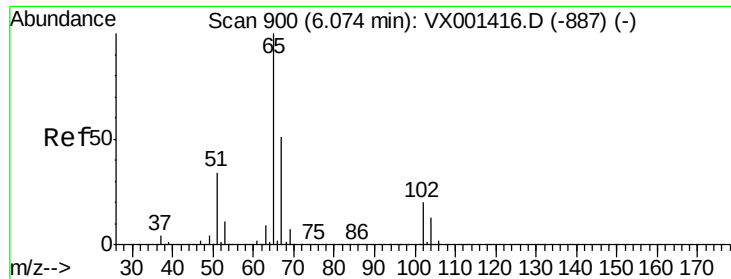
Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 44.4 34.8 52.2

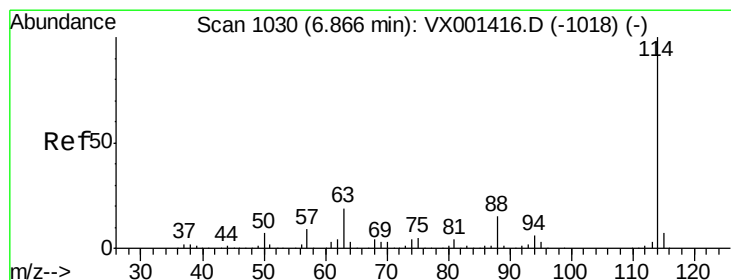
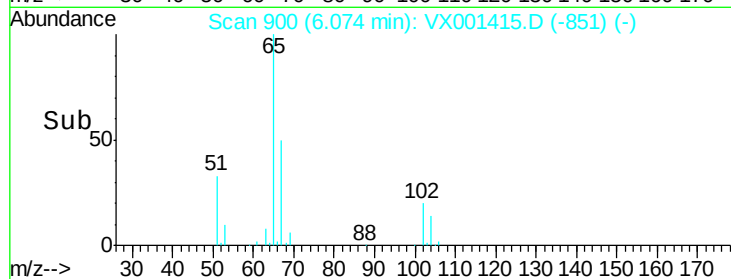
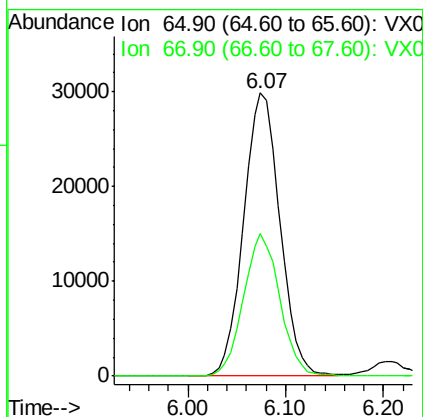
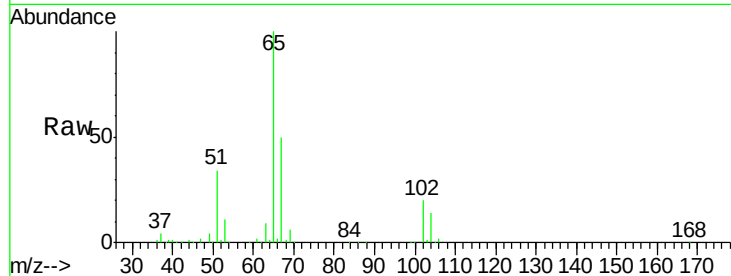




#33
 1,2-Dichloroethane-d4
 Concen: 21.35 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

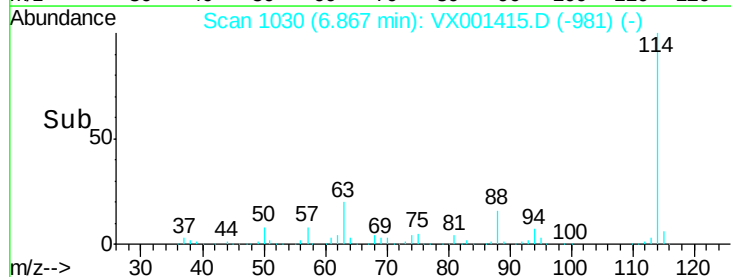
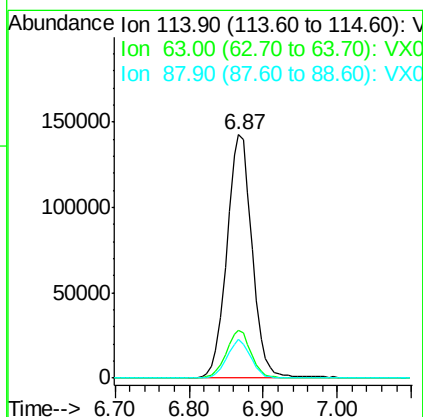
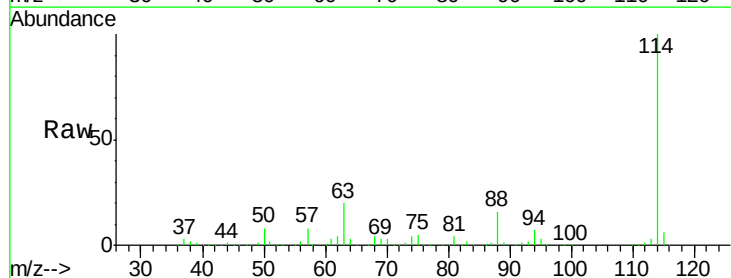
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

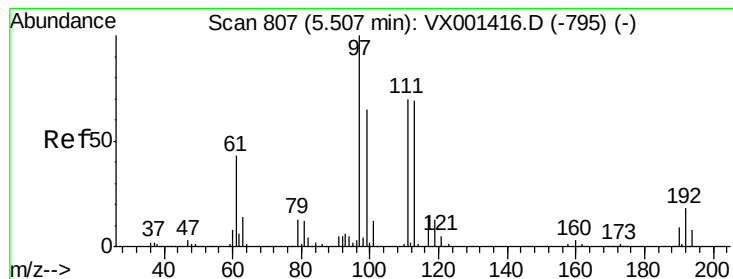
Tgt Ion: 65 Resp: 76952
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion: 114 Resp: 338902
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 21.08 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

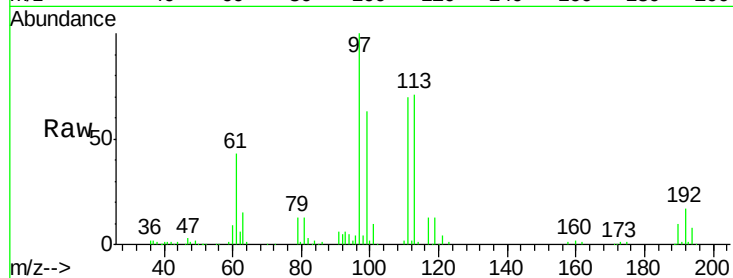
Tgt Ion:113 Resp: 62031

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

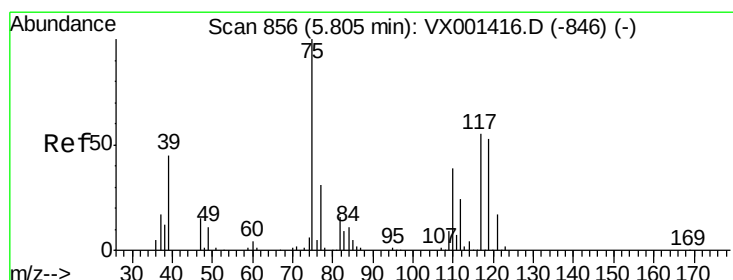
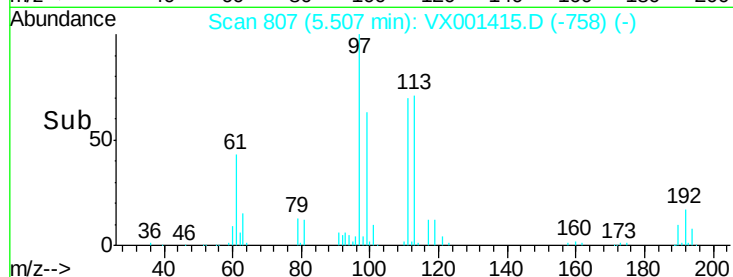
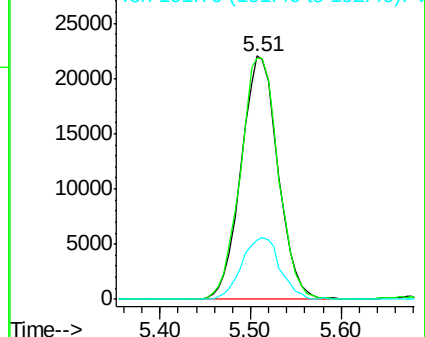
192 26.3 21.4 32.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.98 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

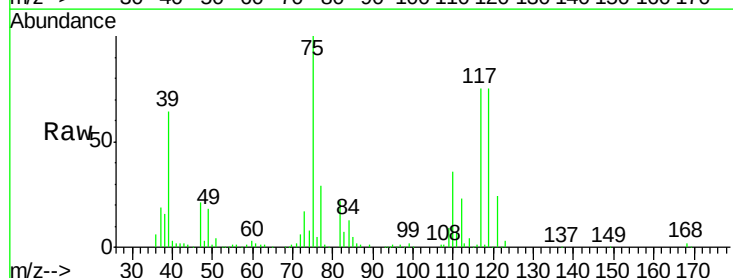
Tgt Ion: 75 Resp: 83840

Ion Ratio Lower Upper

75 100

110 37.8 18.9 56.7

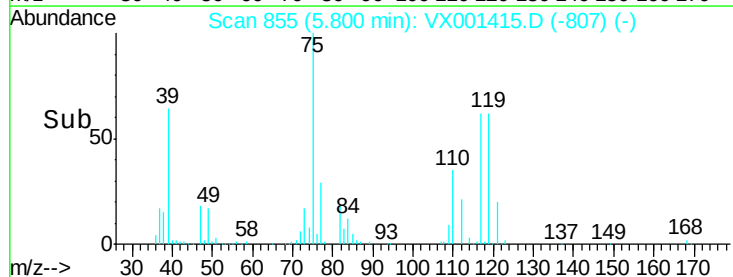
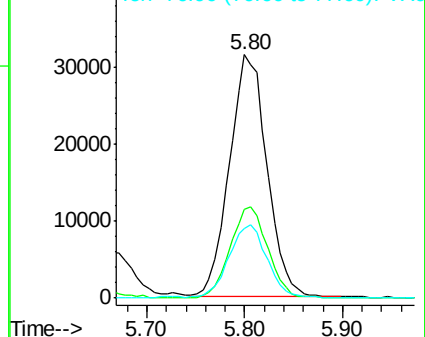
77 31.0 24.9 37.3

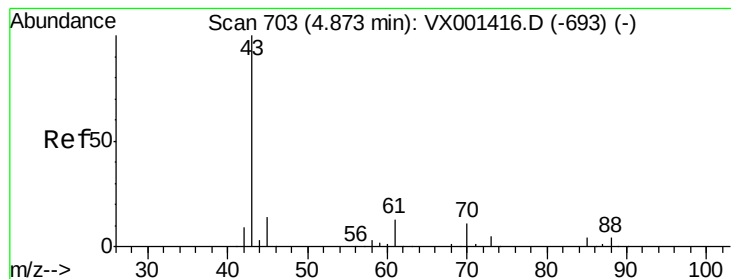


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 22.54 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

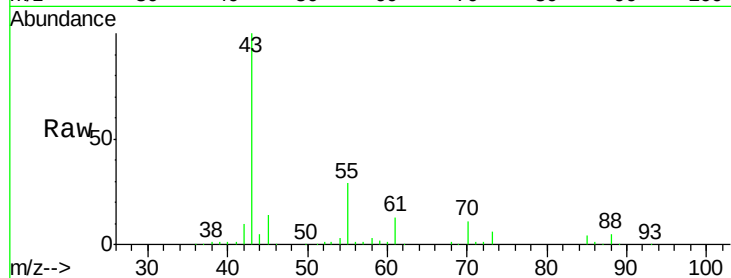
Tgt Ion: 43 Resp: 92042

Ion Ratio Lower Upper

43 100

61 12.7 10.7 16.1

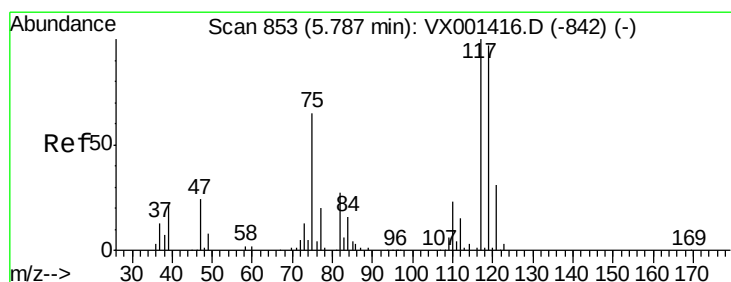
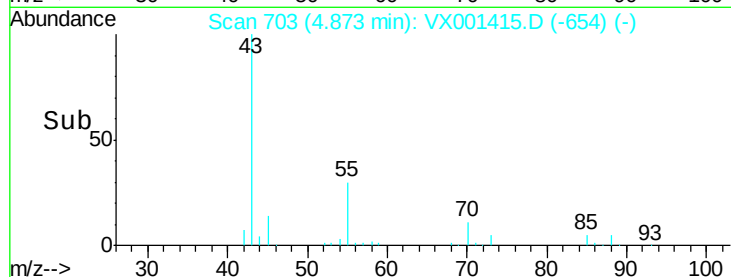
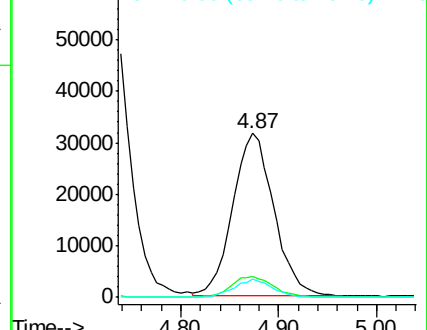
70 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 21.38 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

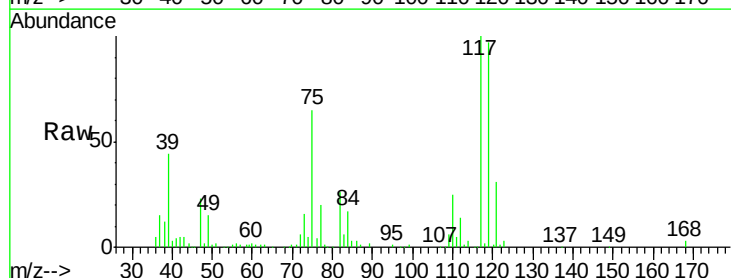
Tgt Ion: 117 Resp: 89903

Ion Ratio Lower Upper

117 100

119 97.2 77.0 115.6

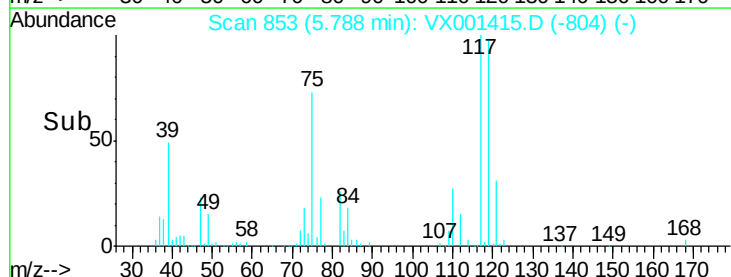
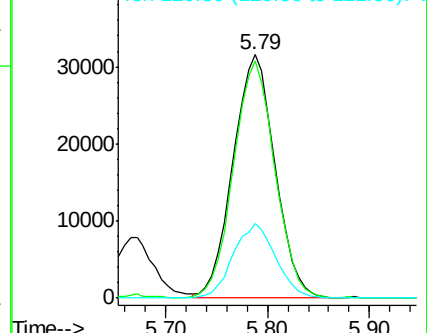
121 30.6 25.1 37.7

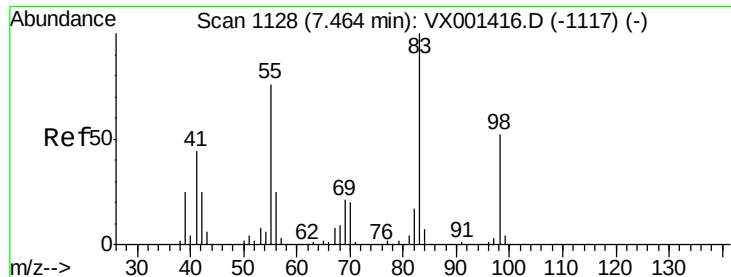


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

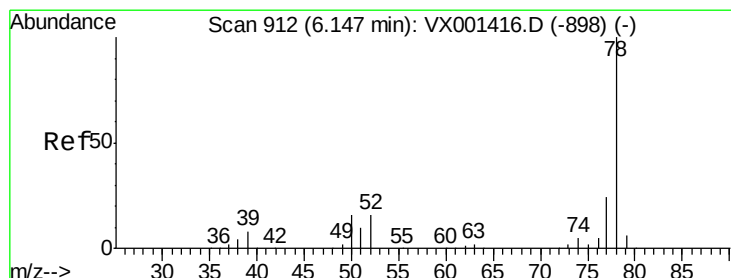
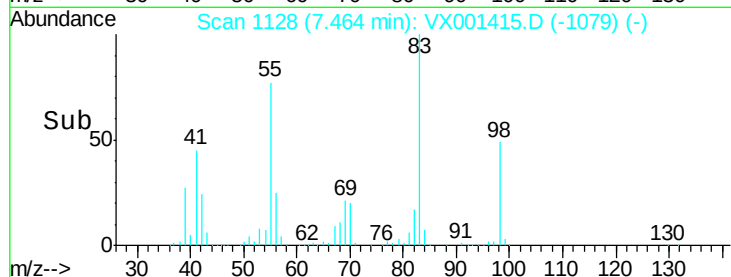
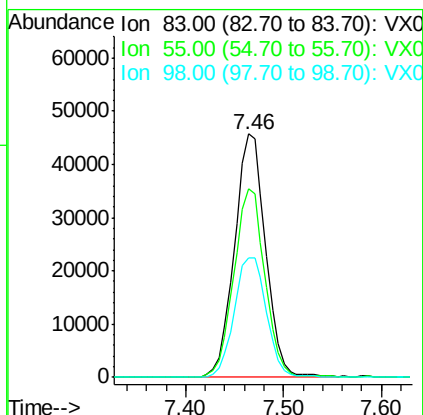
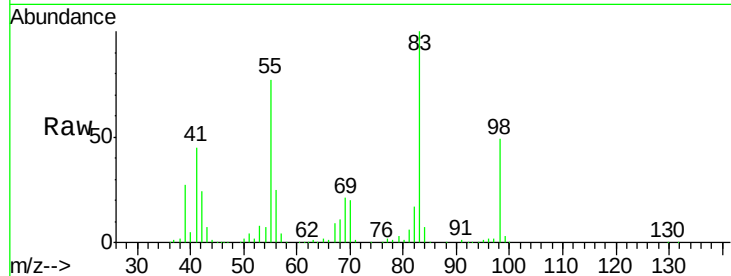




#39
Methylcyclohexane
Concen: 21.33 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

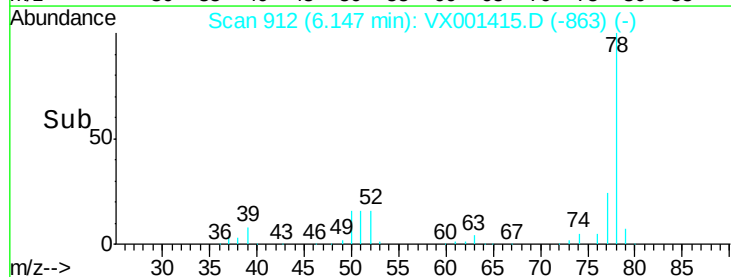
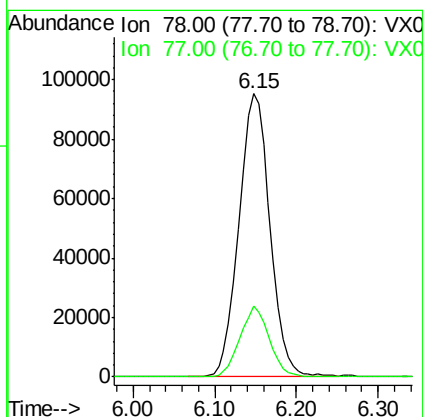
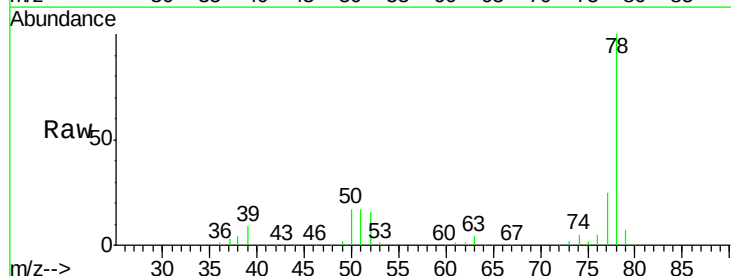
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

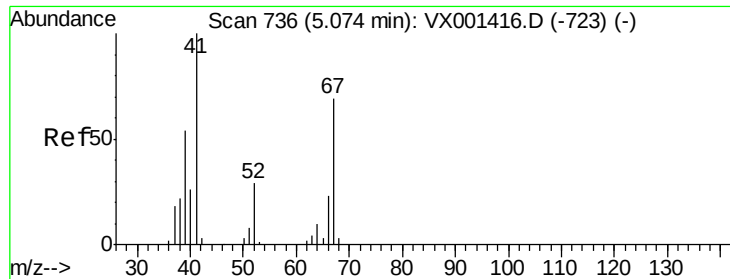
Tgt Ion: 83 Resp: 100860
Ion Ratio Lower Upper
83 100
55 77.2 60.9 91.3
98 48.9 41.9 62.9



#40
Benzene
Concen: 21.87 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion: 78 Resp: 251800
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.2

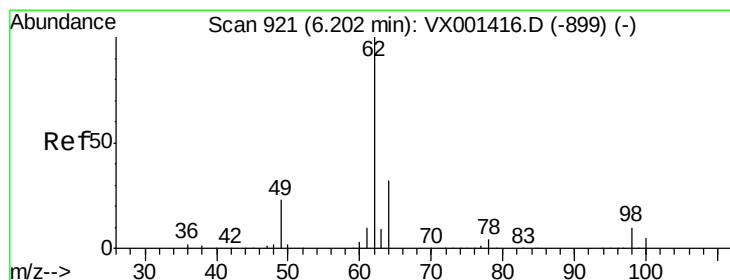
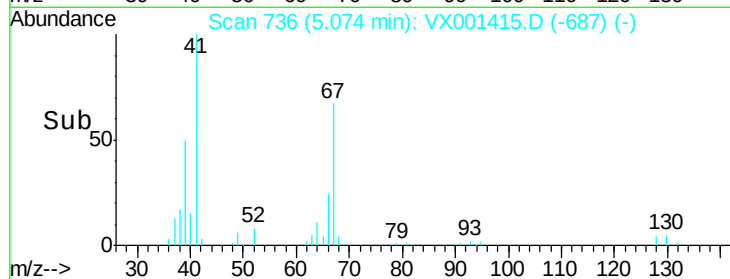
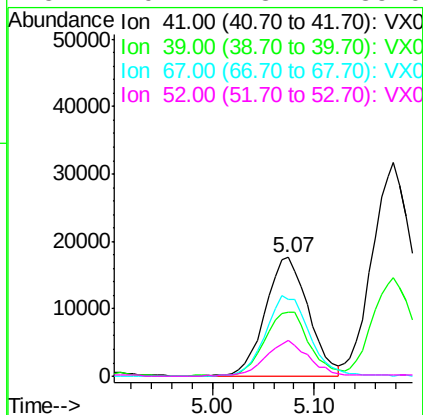
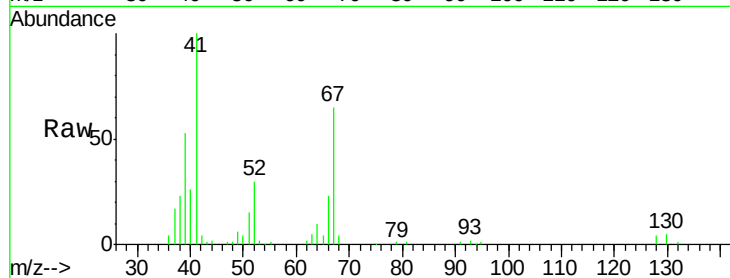




#41
Methacrylonitrile
Concen: 21.91 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

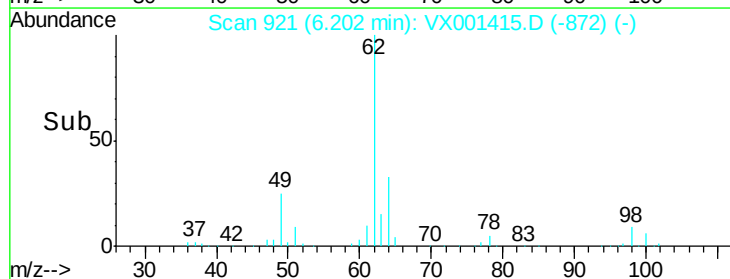
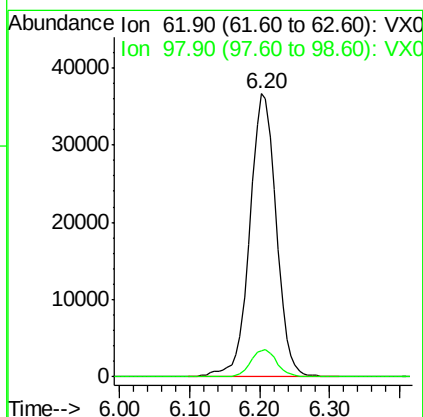
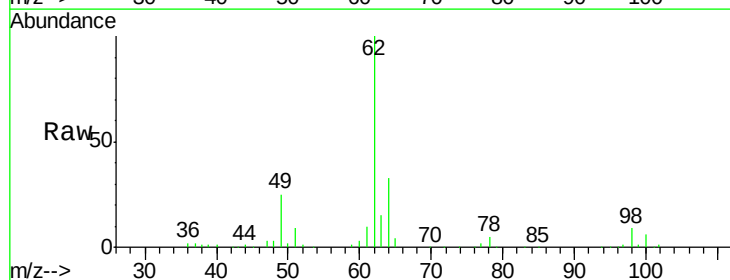
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

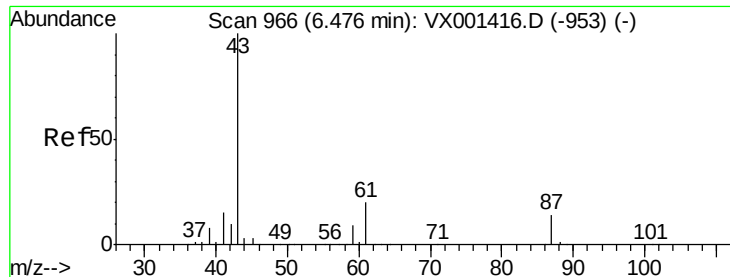
Tgt Ion:	41	Resp:	51967
Ion	Ratio	Lower	Upper
41	100		
39	55.0	45.0	67.6
67	69.1	55.0	82.6
52	29.2	23.4	35.0



#42
1,2-Dichloroethane
Concen: 21.71 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion:	62	Resp:	96892
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

Isopropyl Acetate

Concen: 21.54 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

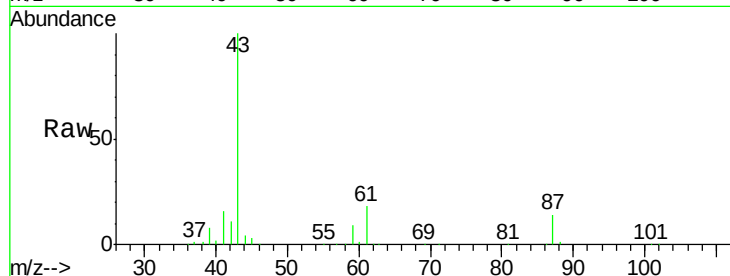
Tgt Ion: 43 Resp: 141006

Ion Ratio Lower Upper

43 100

61 19.1 15.4 23.0

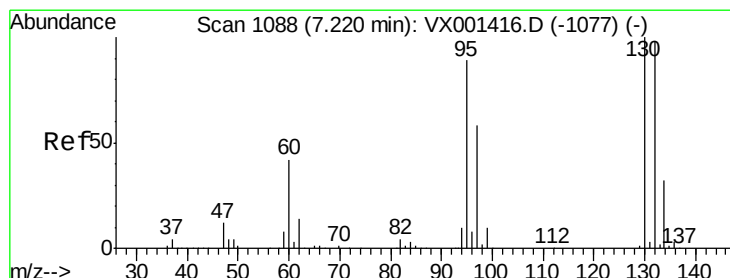
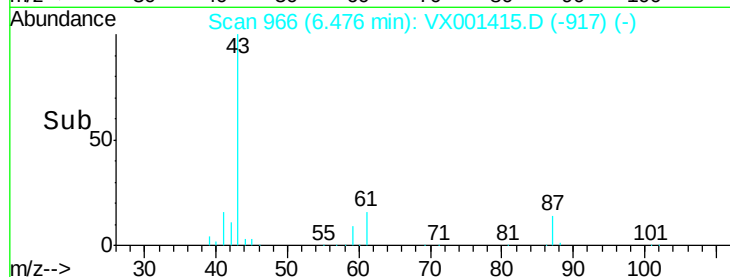
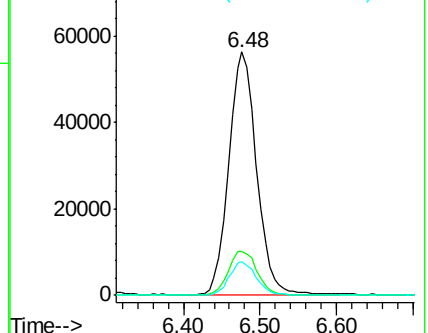
87 13.6 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 21.96 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001415.D

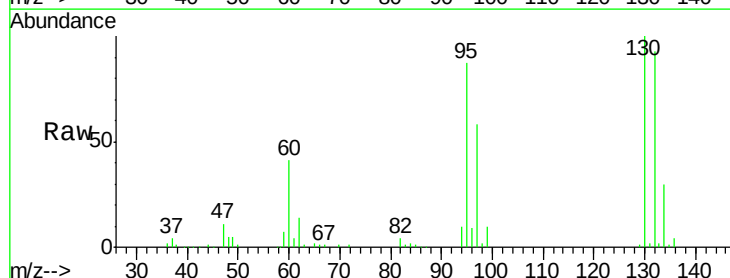
Acq: 05 May 2018 12:57

Tgt Ion: 130 Resp: 77353

Ion Ratio Lower Upper

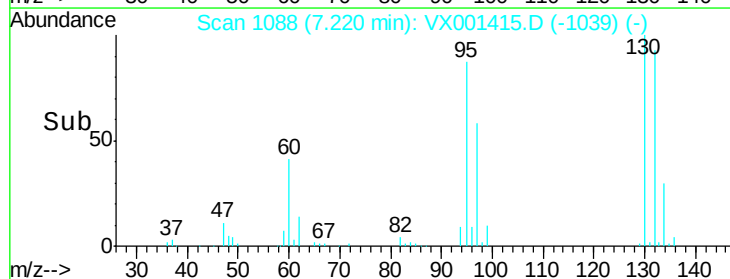
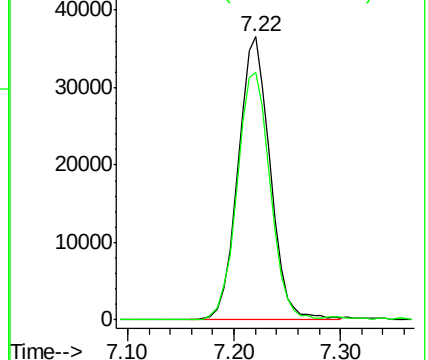
130 100

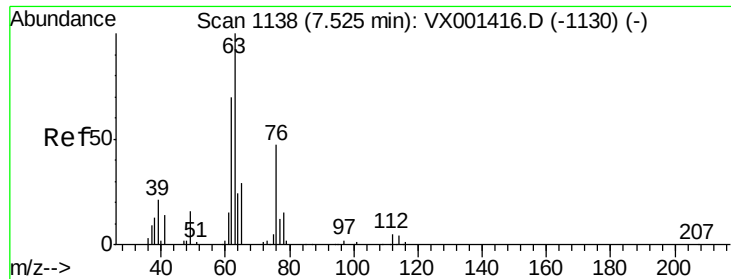
95 87.4 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.38 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

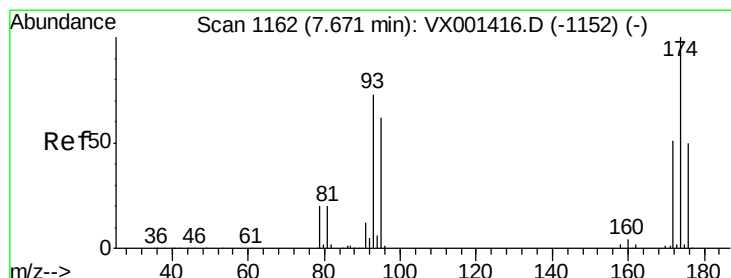
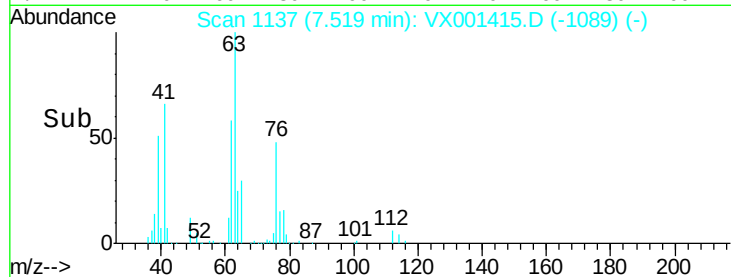
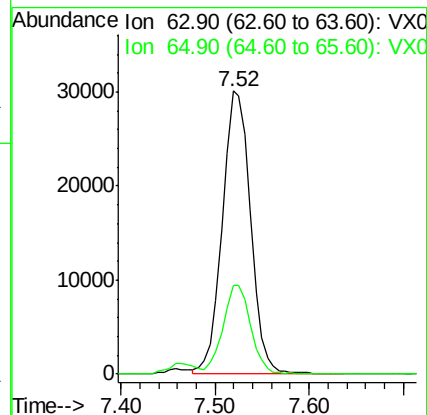
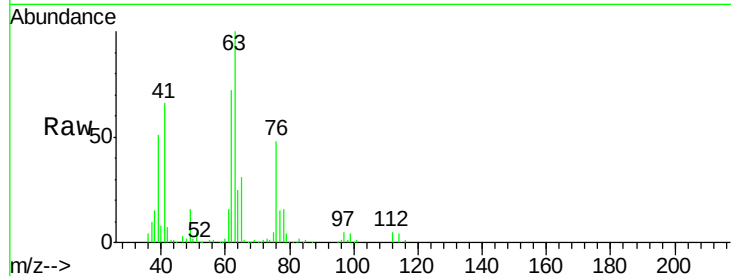
VSTDIC020

Tgt Ion: 63 Resp: 62698

Ion Ratio Lower Upper

63 100

65 31.4 24.5 36.7



#46

Dibromomethane

Concen: 21.45 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

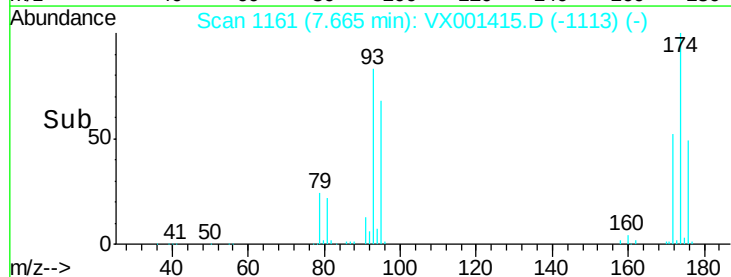
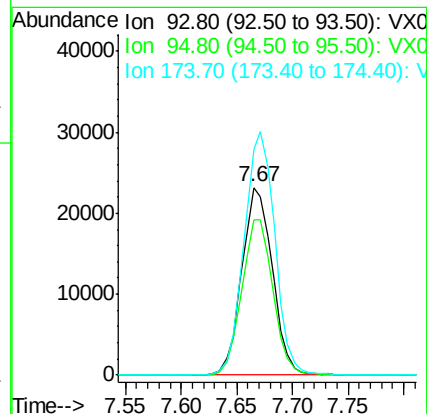
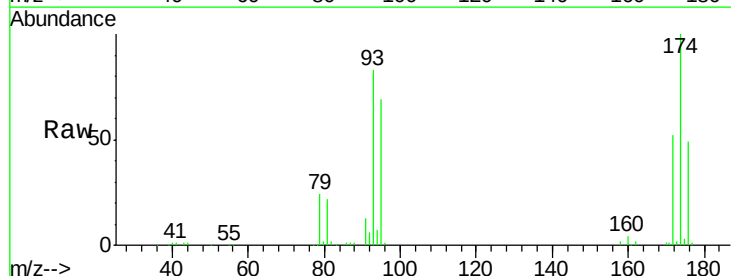
Tgt Ion: 93 Resp: 44286

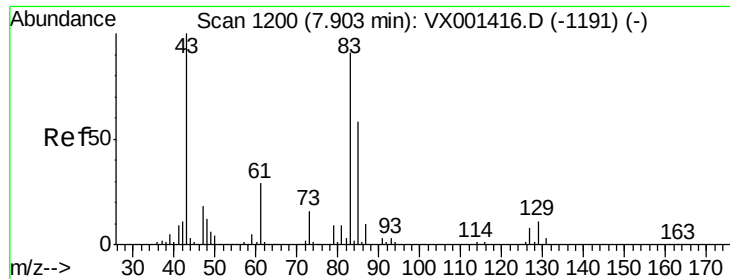
Ion Ratio Lower Upper

93 100

95 83.9 67.0 100.4

174 130.2 104.5 156.7





#47

Bromodichloromethane

Concen: 22.30 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

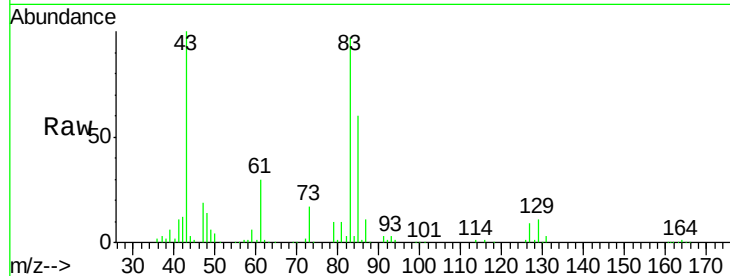
Tgt Ion: 83 Resp: 82870

Ion Ratio Lower Upper

83 100

85 62.3 51.0 76.6

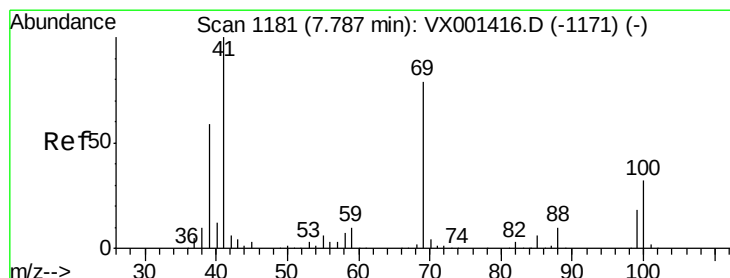
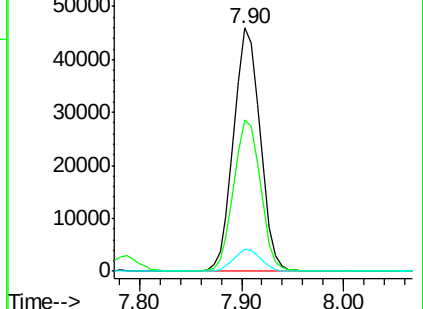
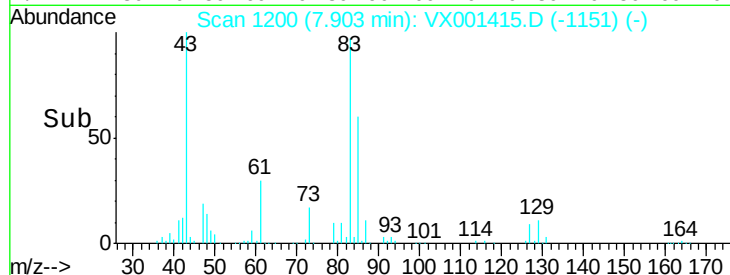
127 9.2 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.98 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

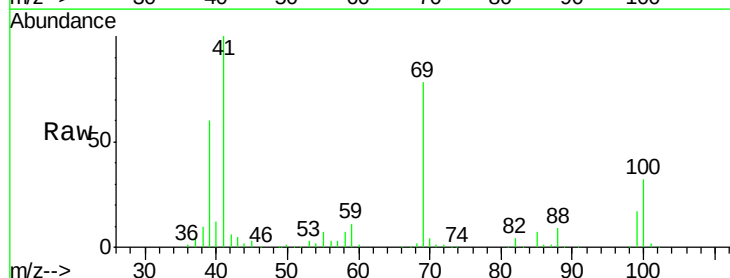
Tgt Ion: 41 Resp: 77025

Ion Ratio Lower Upper

41 100

69 79.8 63.4 95.2

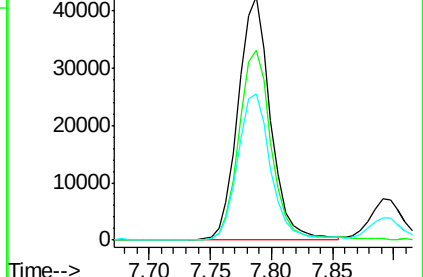
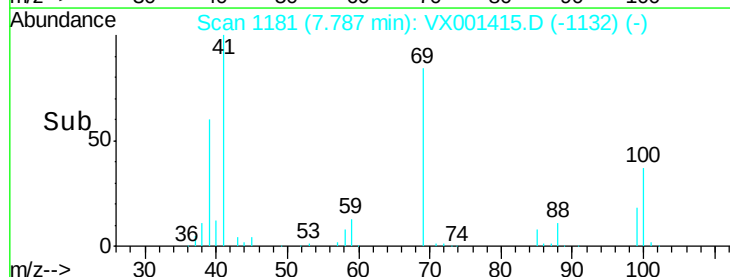
39 61.2 47.0 70.4

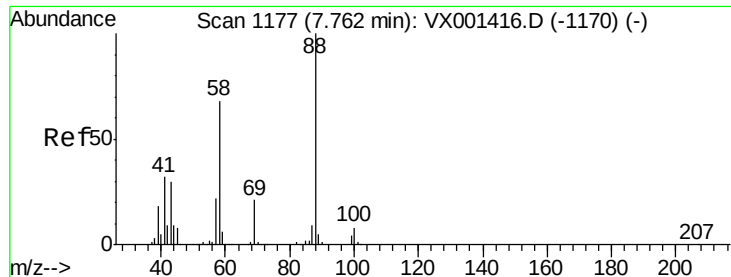


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 516.23 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

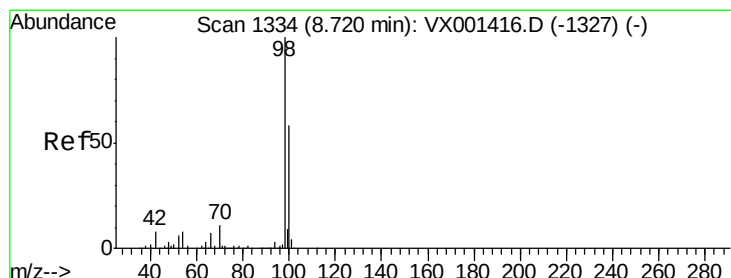
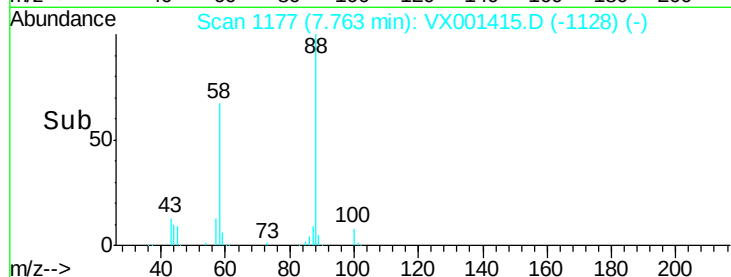
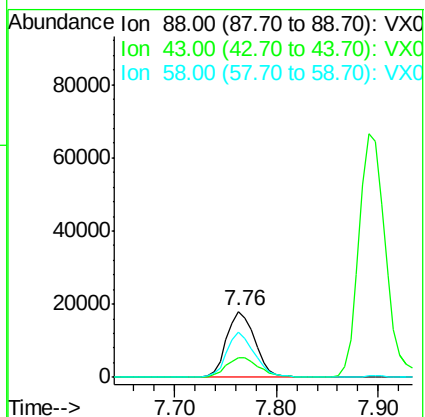
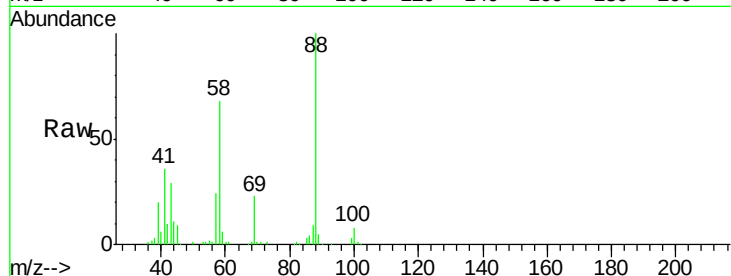
Tgt Ion: 88 Resp: 34951

Ion Ratio Lower Upper

88 100

43 35.0 26.4 39.6

58 67.7 54.1 81.1



#50

Toluene-d8

Concen: 21.65 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001415.D

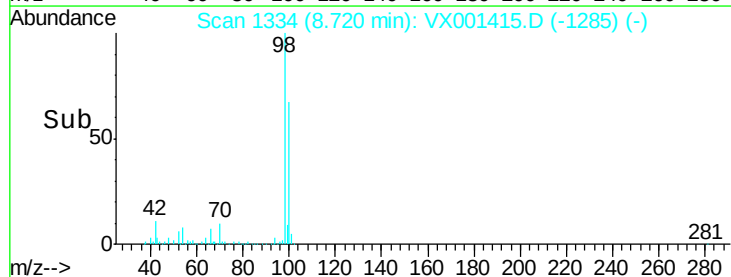
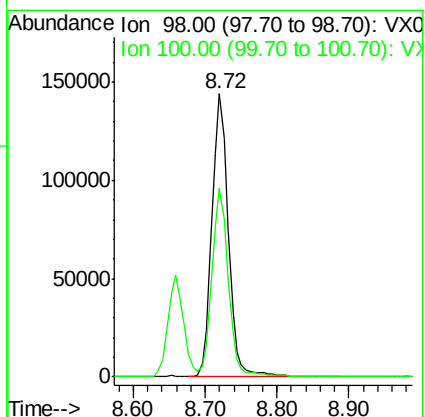
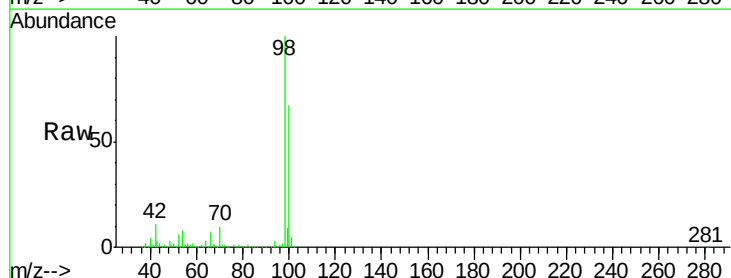
Acq: 05 May 2018 12:57

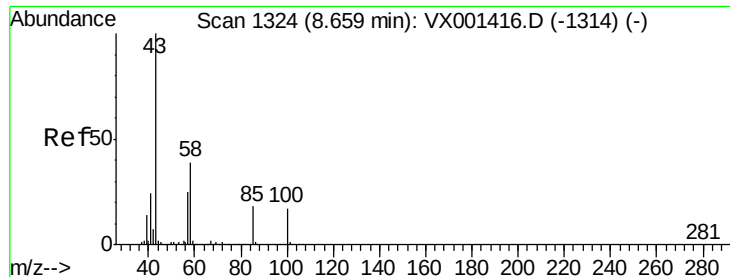
Tgt Ion: 98 Resp: 227022

Ion Ratio Lower Upper

98 100

100 66.9 54.0 81.0





#51

4-Methyl-2-Pentanone

Concen: 114.68 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

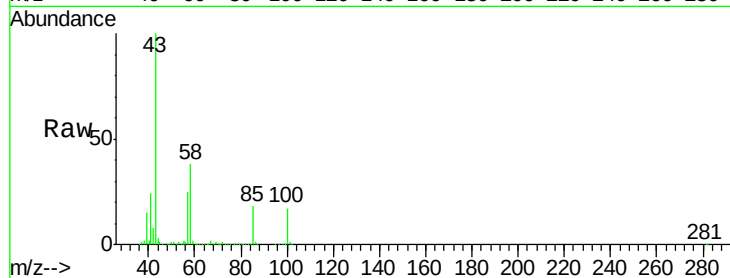
VSTDIC020

Tgt Ion: 43 Resp: 485547

Ion Ratio Lower Upper

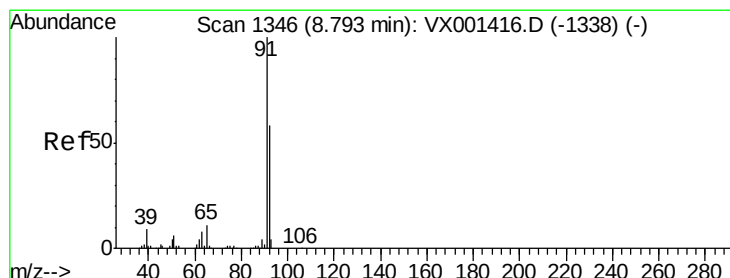
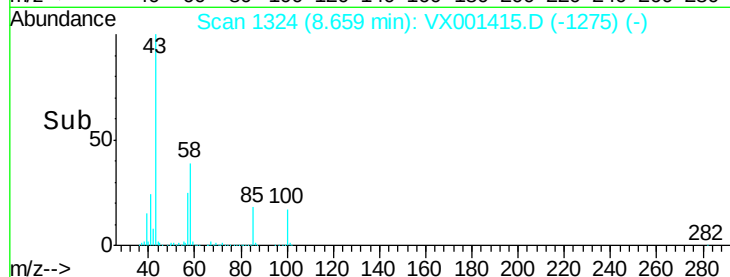
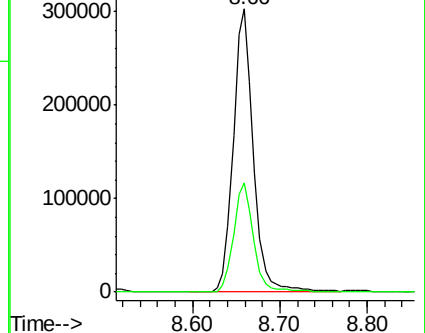
43 100

58 38.5 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.77 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001415.D

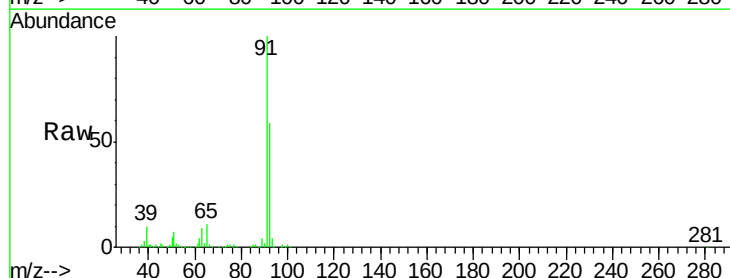
Acq: 05 May 2018 12:57

Tgt Ion: 92 Resp: 163914

Ion Ratio Lower Upper

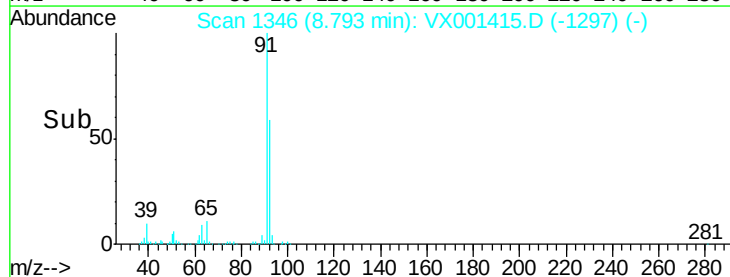
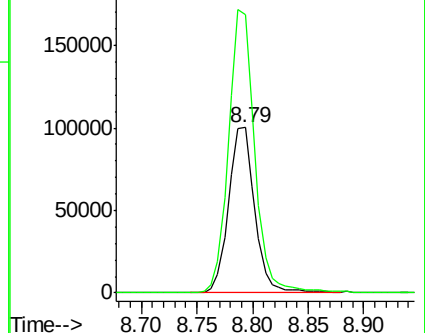
92 100

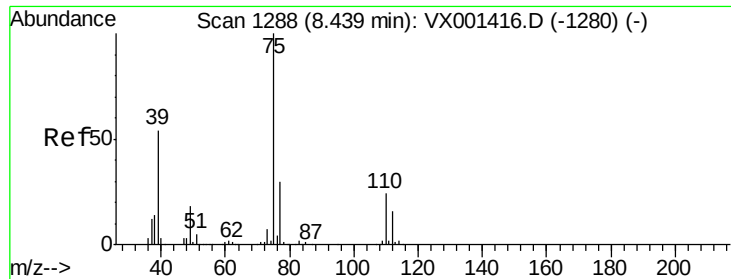
91 171.3 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 21.17 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

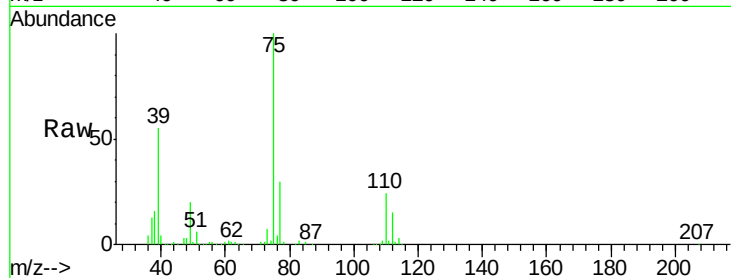
VSTDIC020

Tgt Ion: 75 Resp: 93216

Ion Ratio Lower Upper

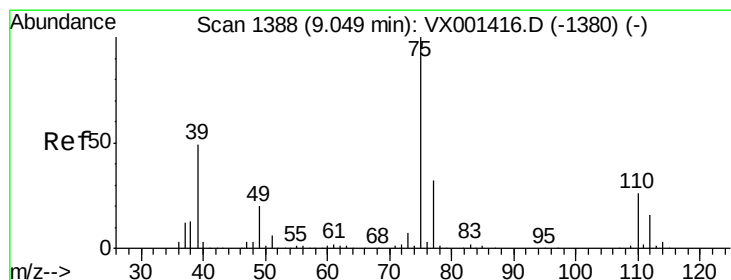
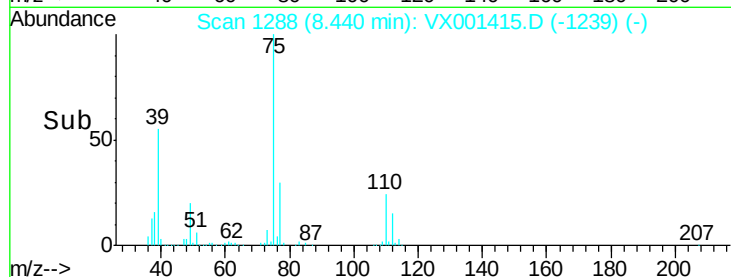
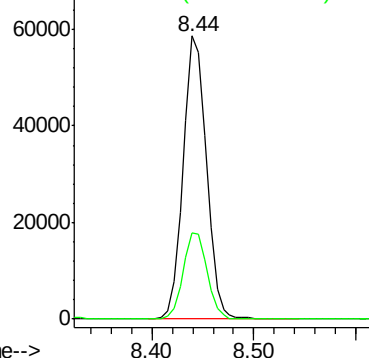
75 100

77 30.4 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.80 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

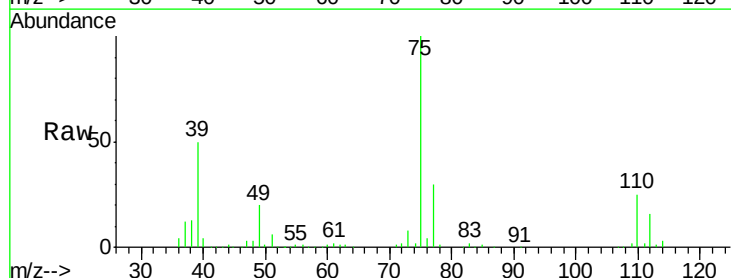
Tgt Ion: 75 Resp: 83917

Ion Ratio Lower Upper

75 100

77 30.2 25.5 38.3

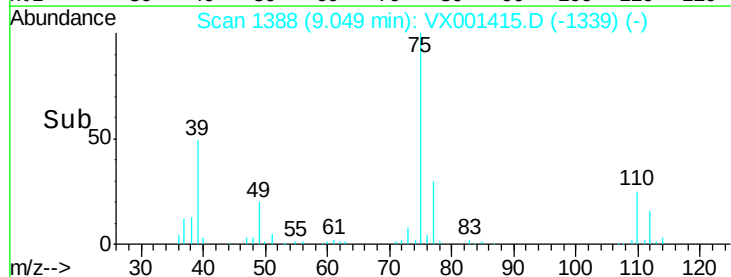
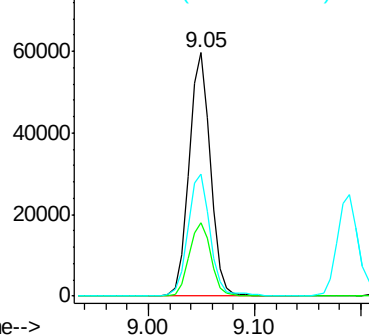
39 49.7 38.9 58.3

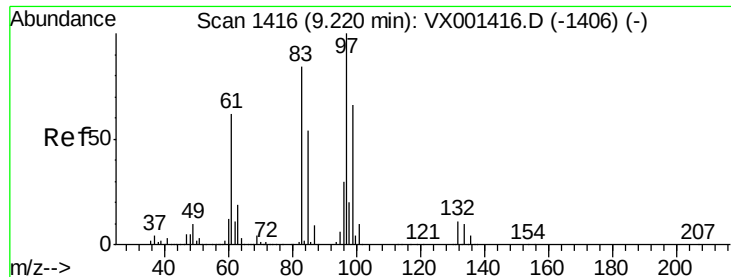


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

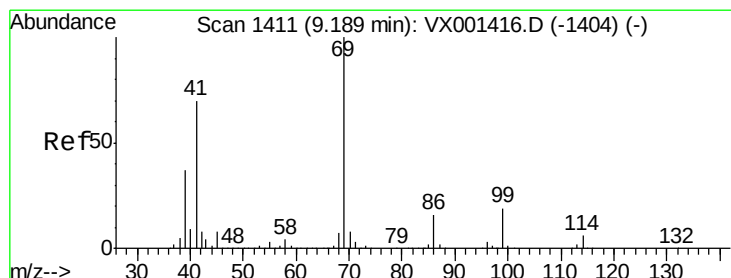
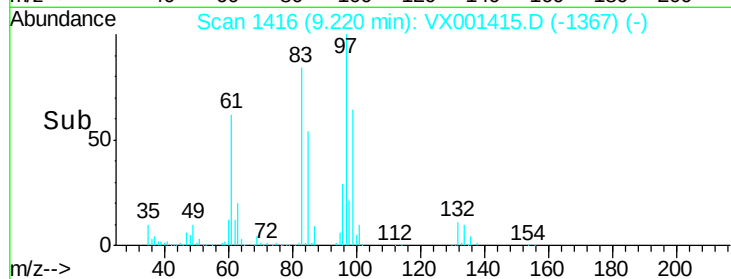
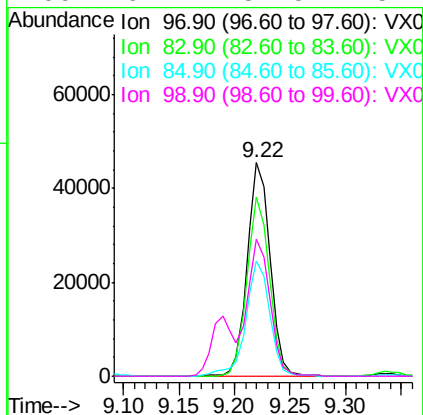
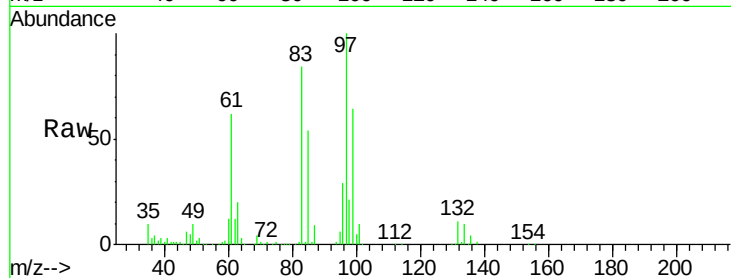




#55
 1,1,2-Trichloroethane
 Concen: 21.61 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

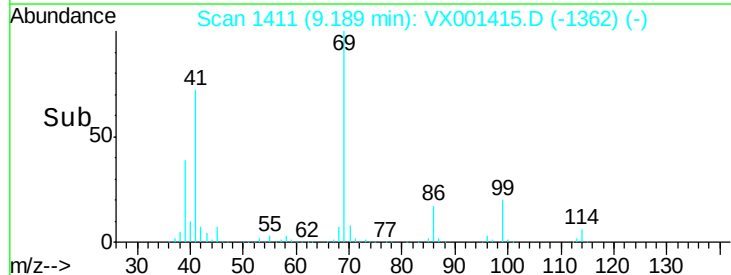
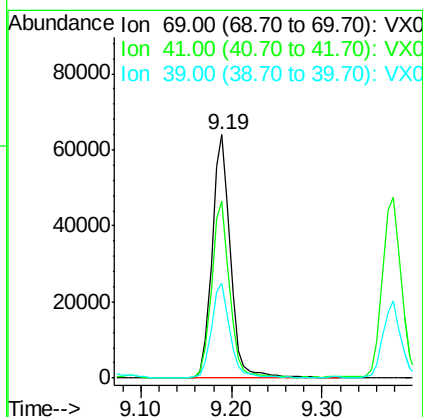
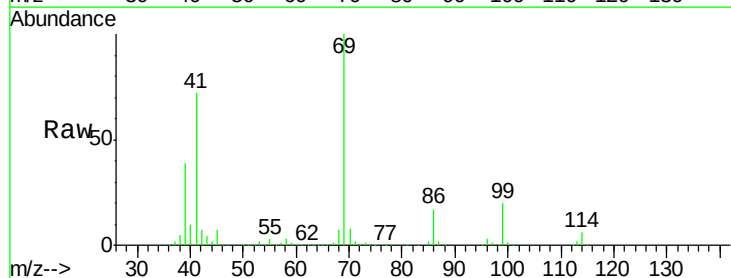
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

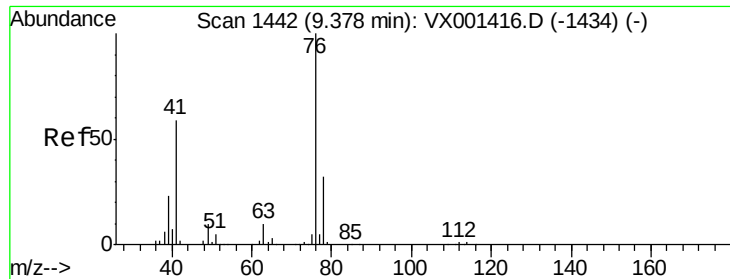
Tgt Ion:	97	Resp:	65365
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.4	101.0
85	53.7	43.3	64.9
99	64.1	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 21.70 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion:	69	Resp:	91841
Ion	Ratio	Lower	Upper
69	100		
41	71.3	55.1	82.7
39	38.9	29.9	44.9





#57

1,3-Dichloropropane

Concen: 22.63 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

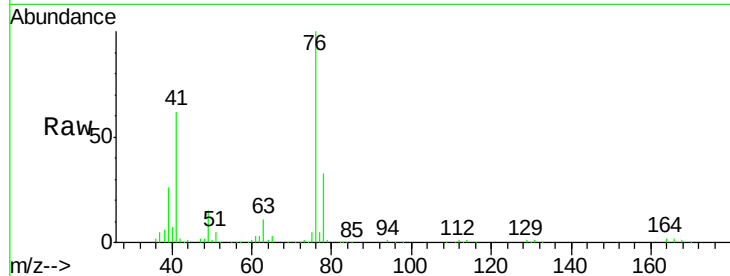
VSTDIC020

Tgt Ion: 76 Resp: 110969

Ion Ratio Lower Upper

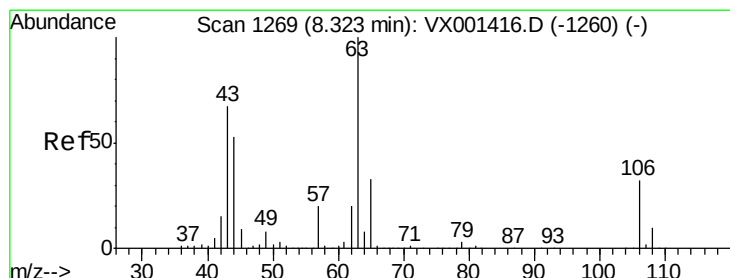
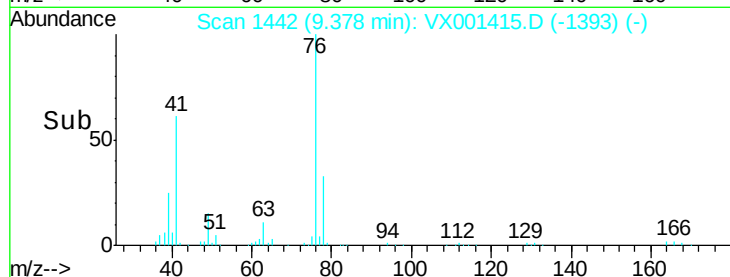
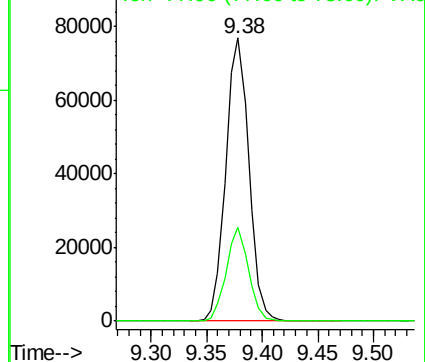
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 117.59 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001415.D

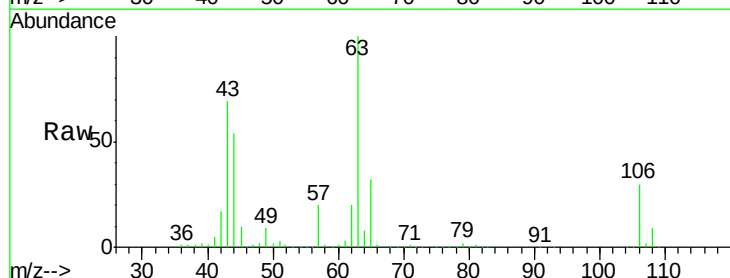
Acq: 05 May 2018 12:57

Tgt Ion: 63 Resp: 241893

Ion Ratio Lower Upper

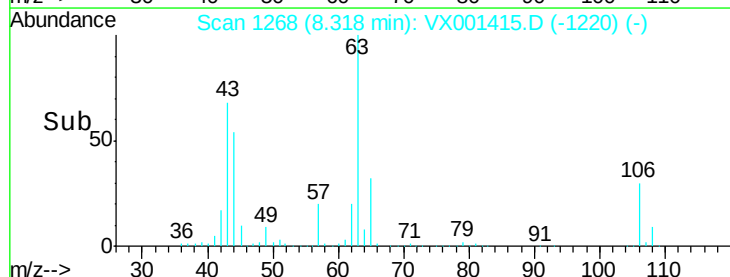
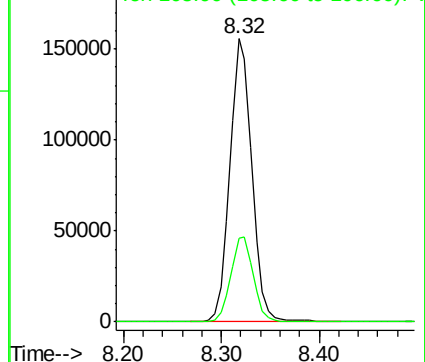
63 100

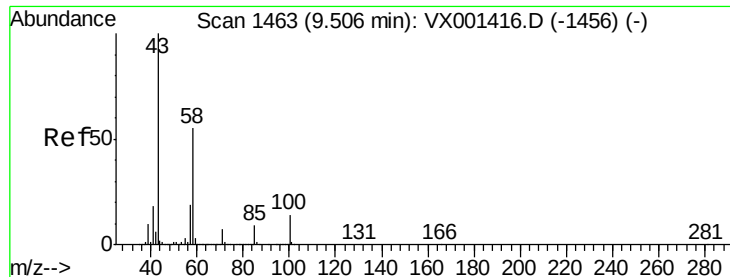
106 31.3 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

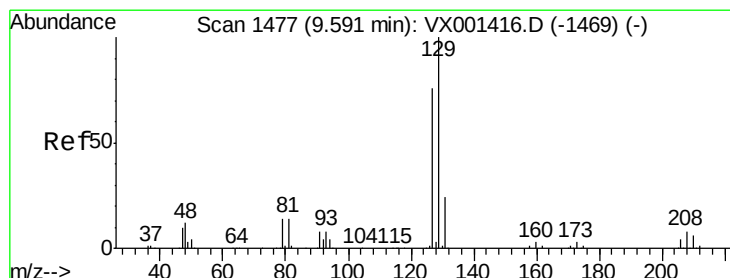
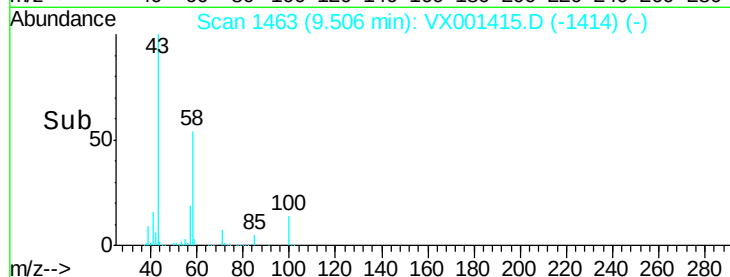
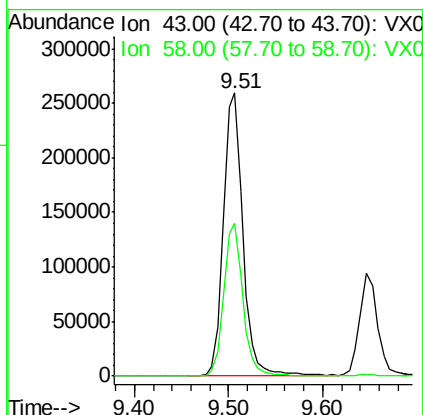
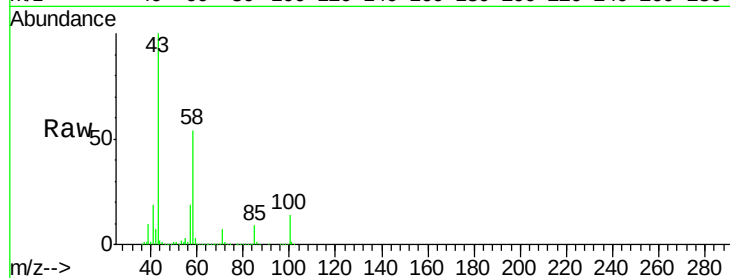




#59
2-Hexanone
Concen: 112.75 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

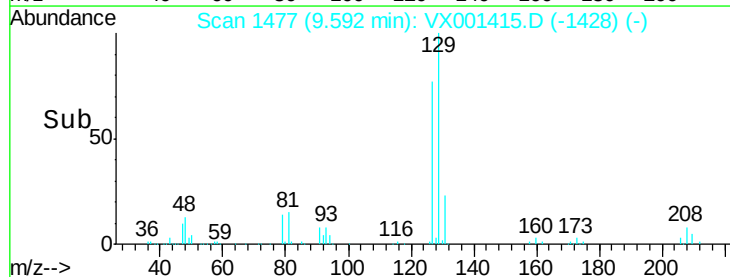
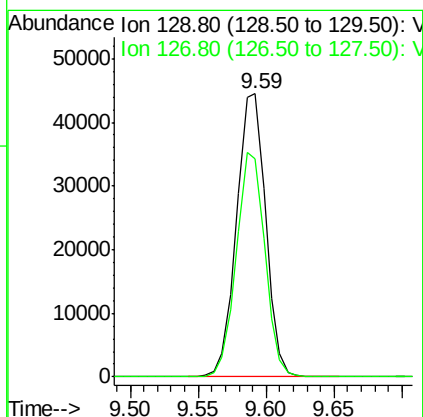
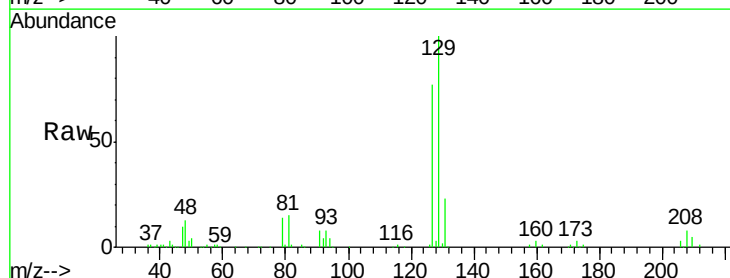
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

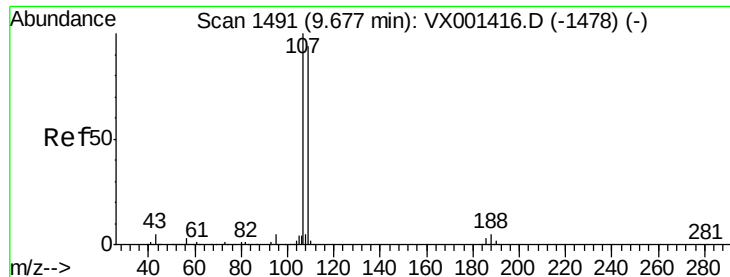
Tgt Ion: 43 Resp: 371940
Ion Ratio Lower Upper
43 100
58 53.3 27.1 81.2



#60
Dibromochloromethane
Concen: 20.98 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion: 129 Resp: 66525
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.5

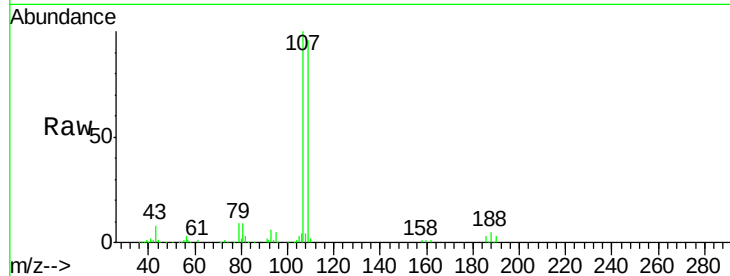




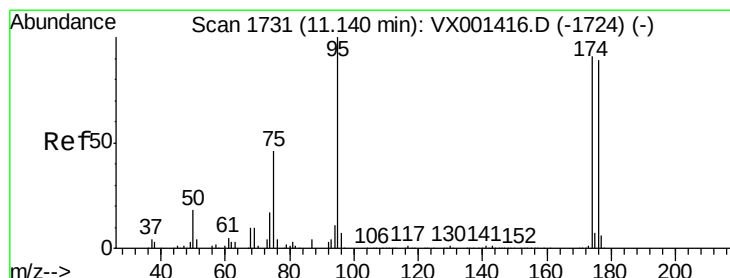
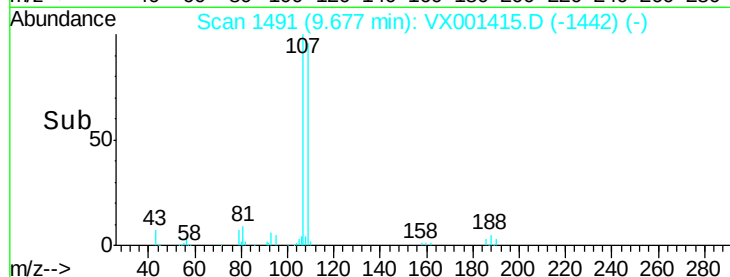
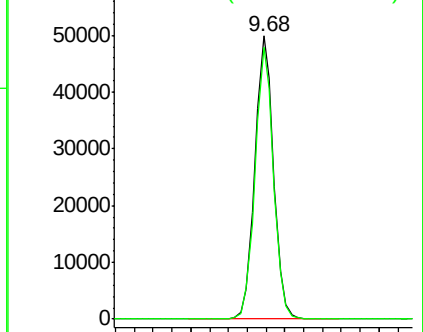
#61
 1,2-Dibromoethane
 Concen: 21.74 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 107 Resp: 69877
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.5 113.3

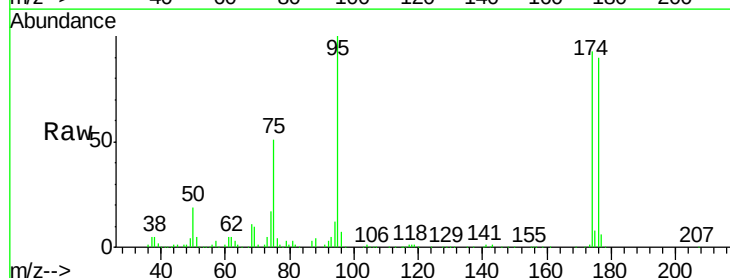


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

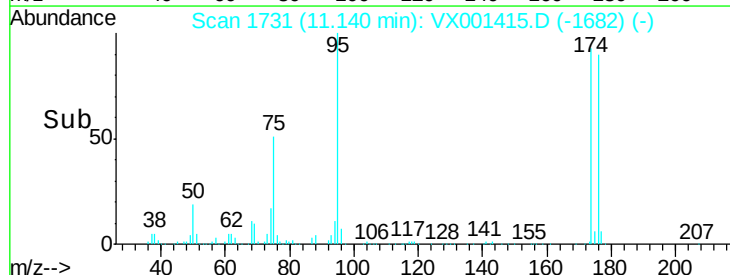
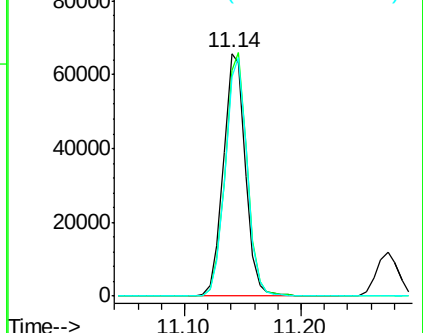


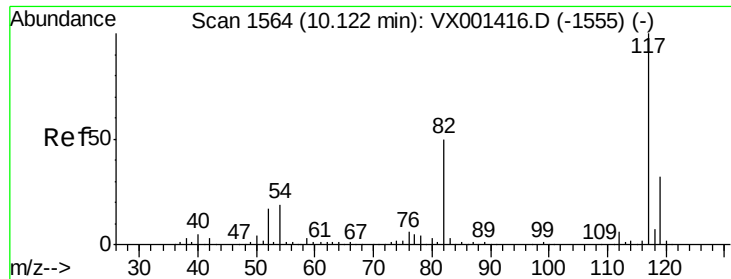
#62
 4-Bromofluorobenzene
 Concen: 20.46 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion: 95 Resp: 85825
 Ion Ratio Lower Upper
 95 100
 174 99.5 0.0 202.0
 176 97.4 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

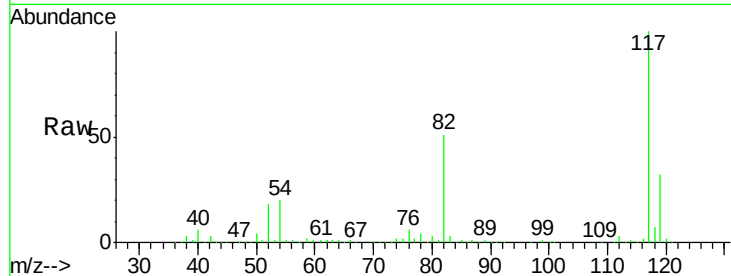




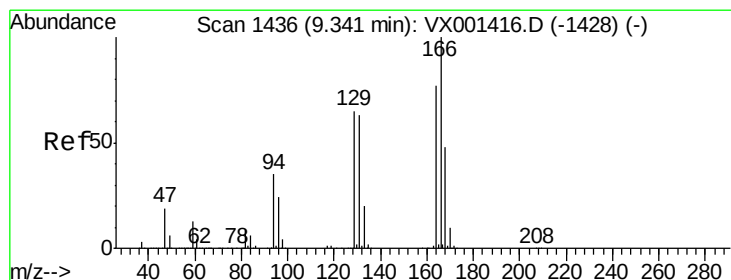
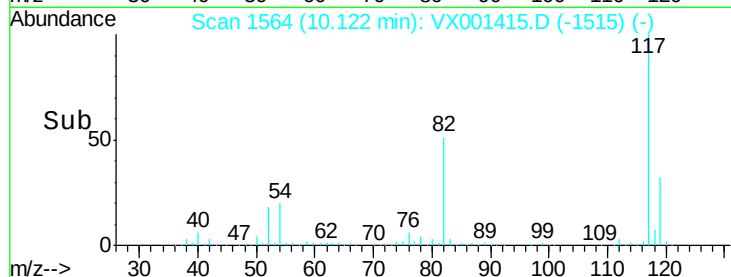
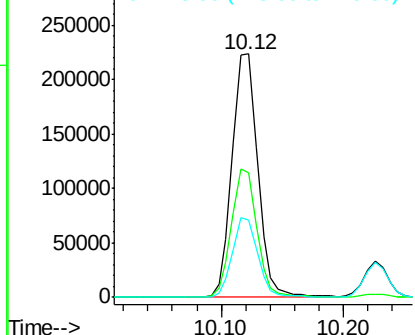
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 326468
Ion Ratio Lower Upper
117 100
82 50.9 40.0 60.0
119 31.8 25.8 38.8

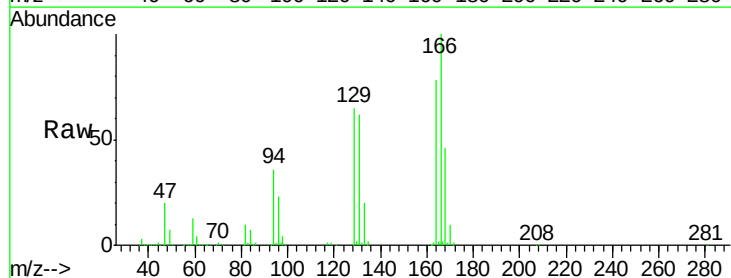


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

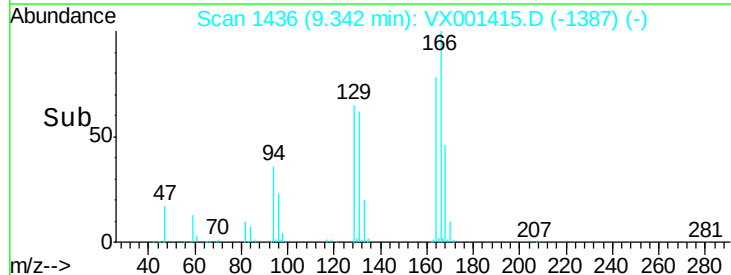
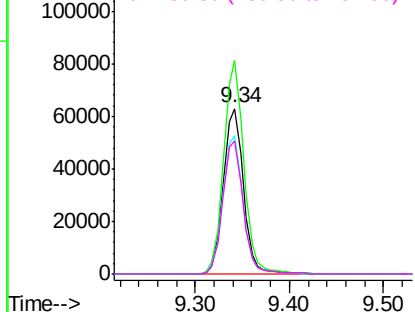


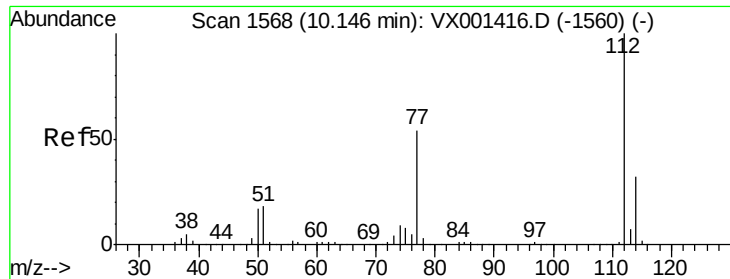
#64
Tetrachloroethene
Concen: 23.48 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion:164 Resp: 93960
Ion Ratio Lower Upper
164 100
166 128.9 103.5 155.3
129 83.5 66.7 100.1
131 80.5 64.9 97.3



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

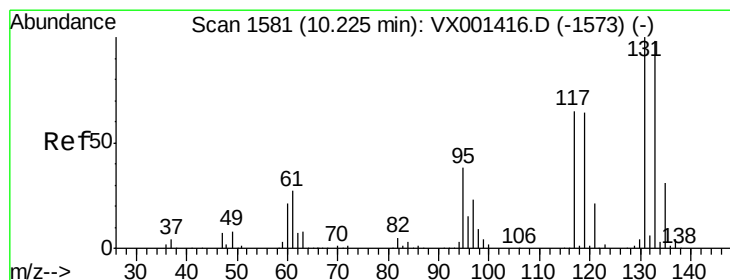
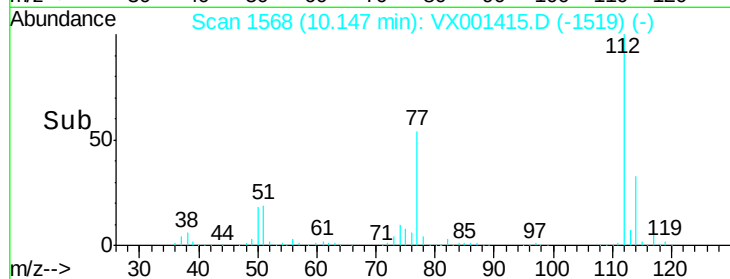
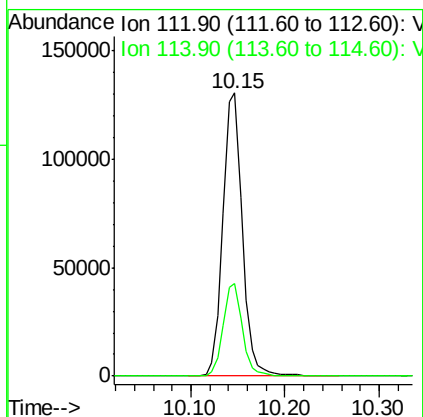
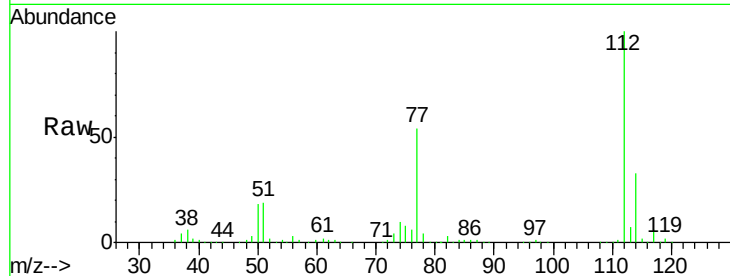




#65
Chlorobenzene
Concen: 20.82 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

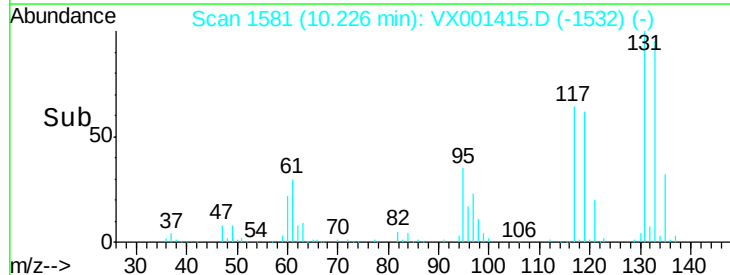
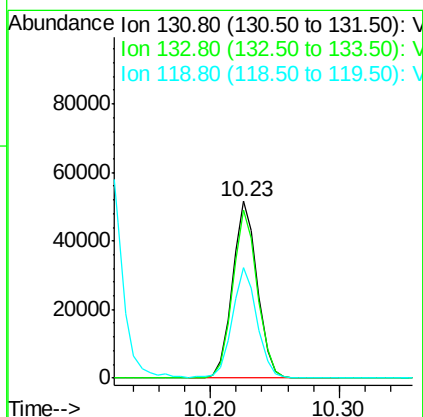
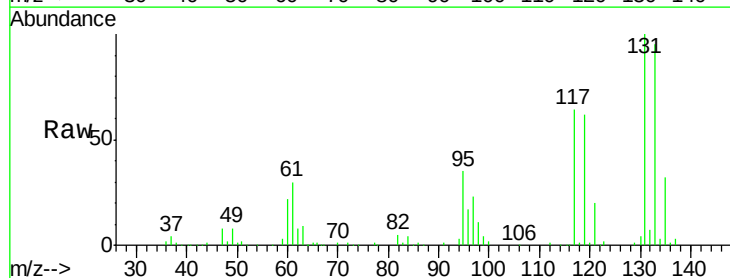
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

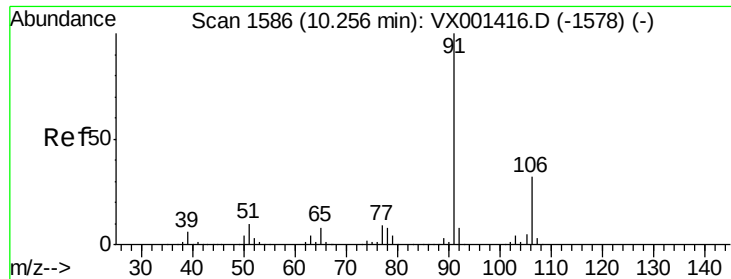
Tgt Ion:112 Resp: 187905
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.95 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion:131 Resp: 68991
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.8
119 62.6 31.1 93.3





#67

Ethyl Benzene

Concen: 21.03 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

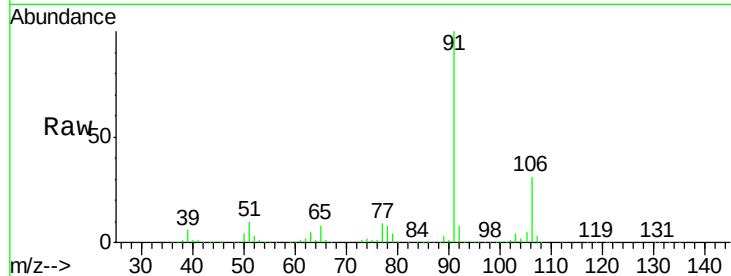
VSTDIC020

Tgt Ion: 91 Resp: 312294

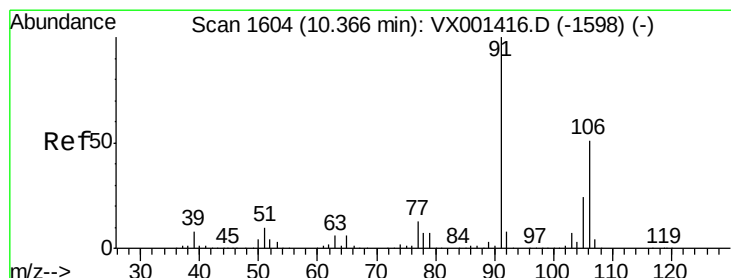
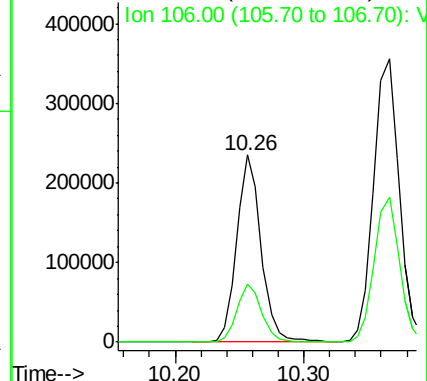
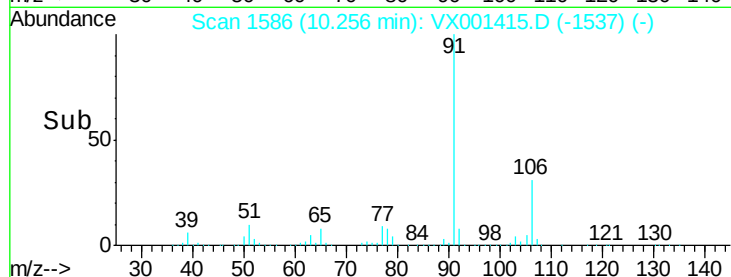
Ion Ratio Lower Upper

91 100

106 30.7 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX001415.D (-1537) (-)



#68

m/p-Xylenes

Concen: 42.62 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001415.D

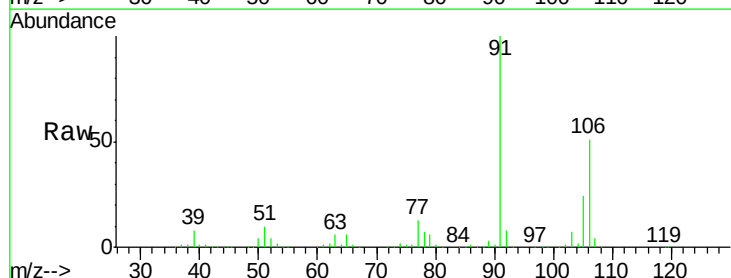
Acq: 05 May 2018 12:57

Tgt Ion: 106 Resp: 249446

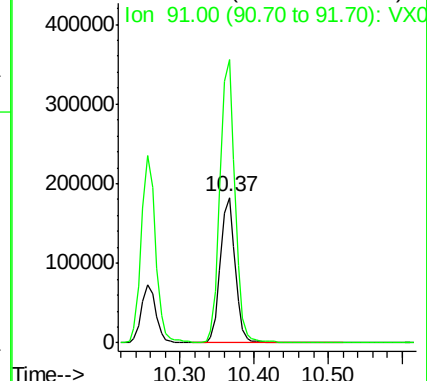
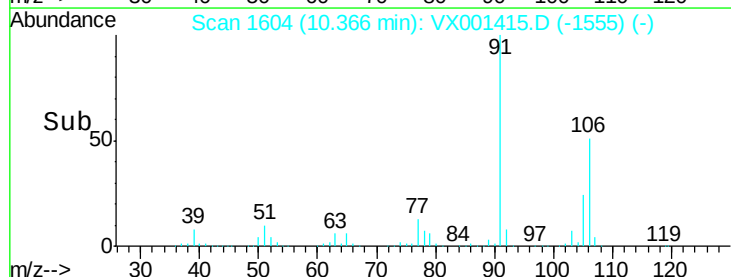
Ion Ratio Lower Upper

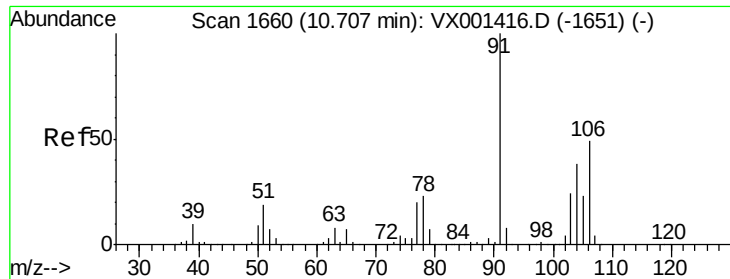
106 100

91 197.6 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VX001415.D (-1555) (-)

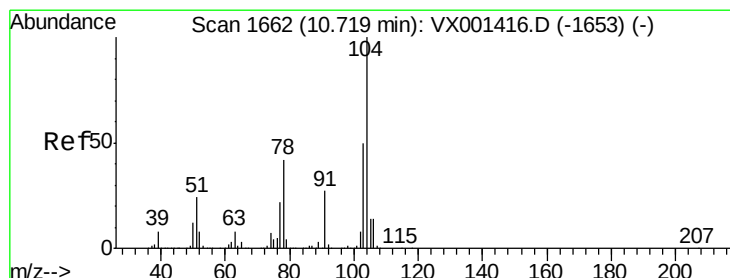
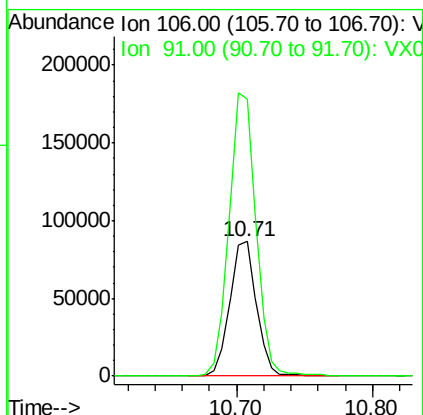
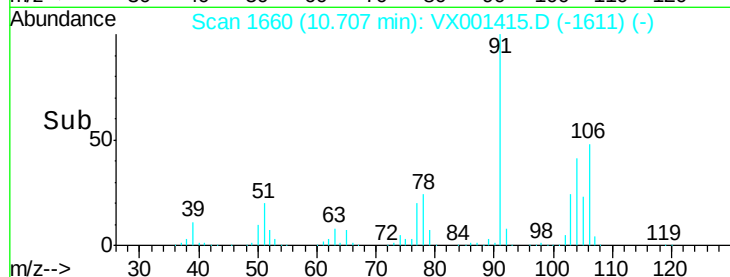
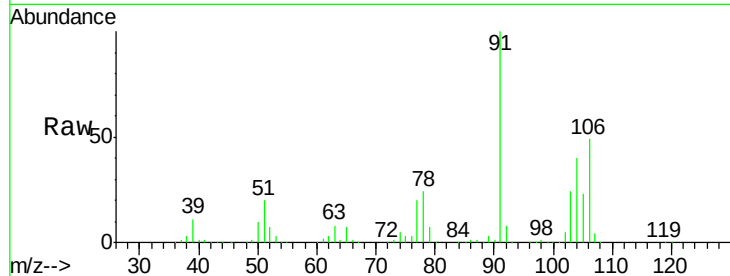




#69
o-Xylene
Concen: 20.88 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

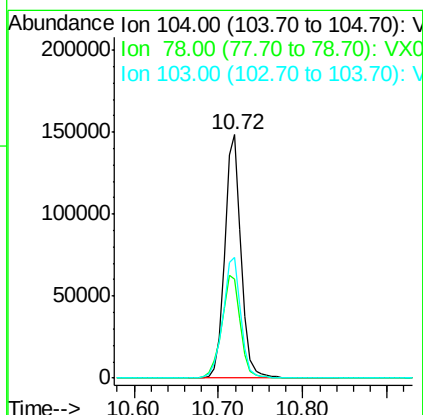
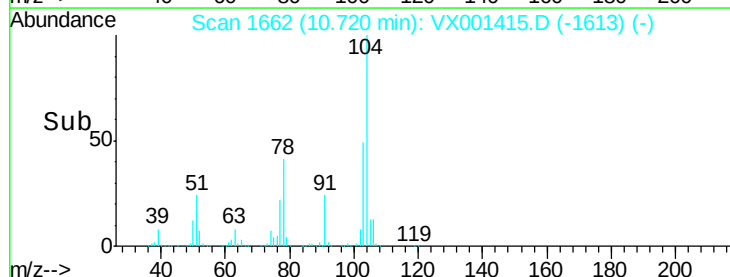
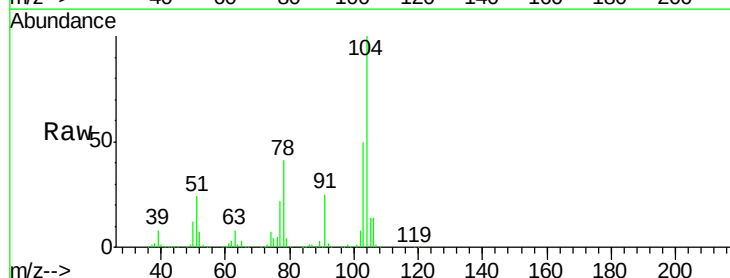
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

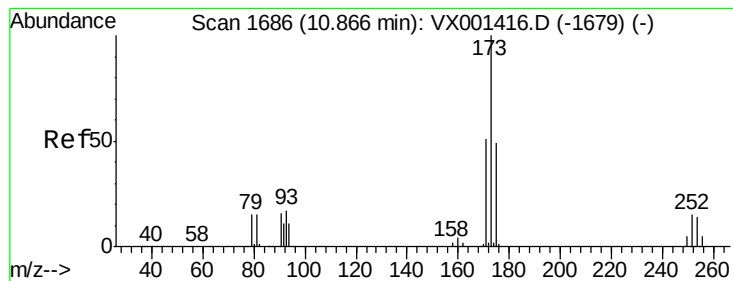
Tgt Ion:106 Resp: 118931
Ion Ratio Lower Upper
106 100
91 212.7 103.1 309.1



#70
Styrene
Concen: 21.20 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion:104 Resp: 197346
Ion Ratio Lower Upper
104 100
78 48.5 38.6 58.0
103 55.0 44.0 66.0





#71

Bromoform

Concen: 19.96 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

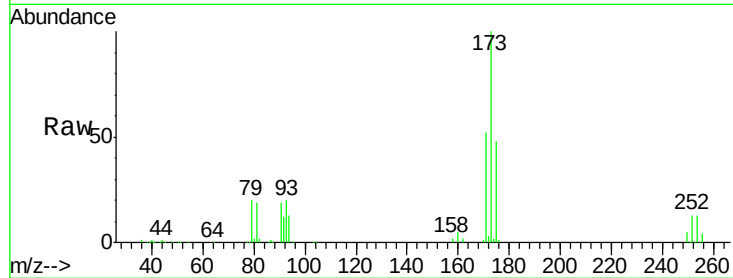
Tgt Ion:173 Resp: 52967

Ion Ratio Lower Upper

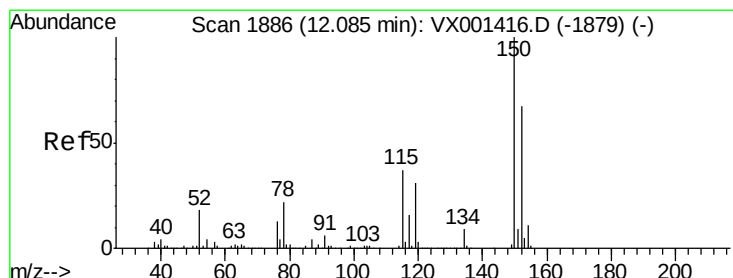
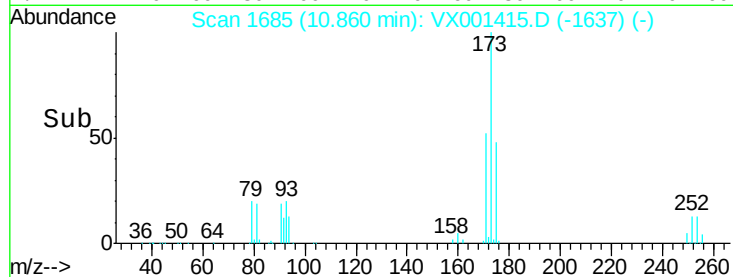
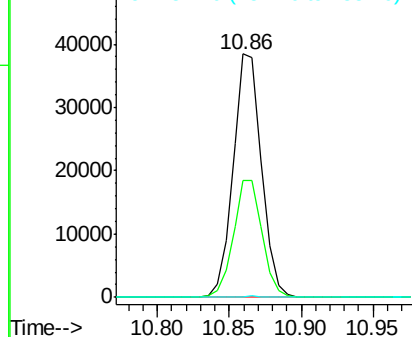
173 100

175 48.5 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: VX001415.D

Acq: 05 May 2018 12:57

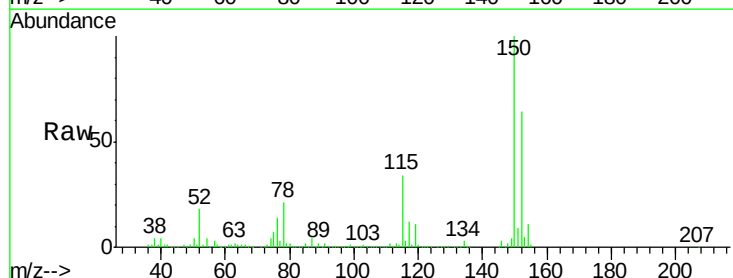
Tgt Ion:152 Resp: 229572

Ion Ratio Lower Upper

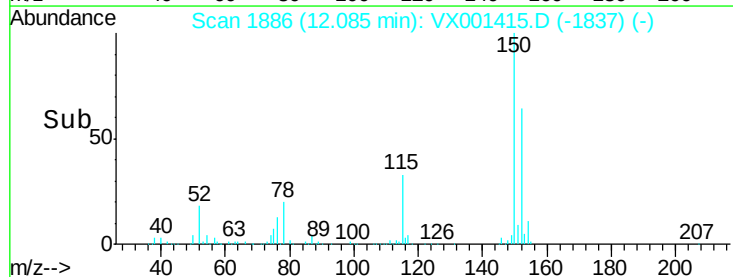
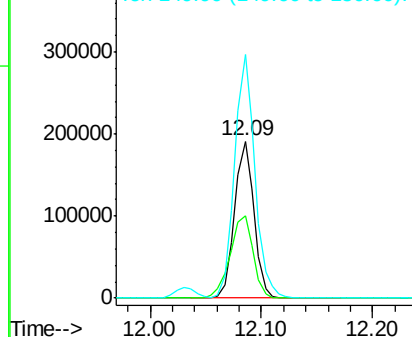
152 100

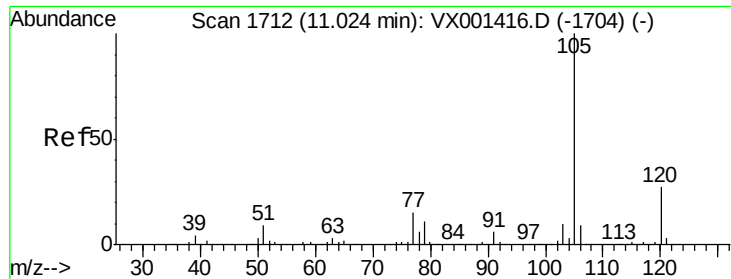
115 62.2 37.7 113.1

150 162.6 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

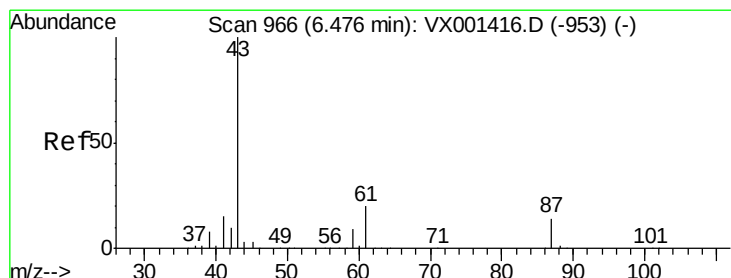
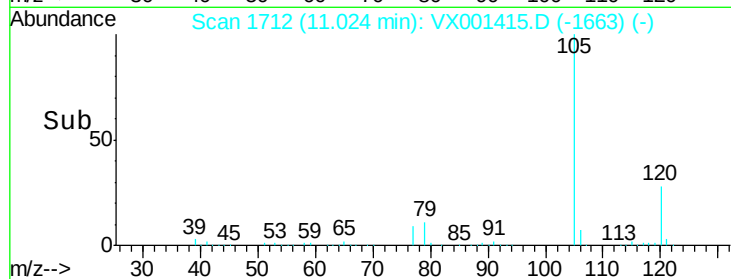
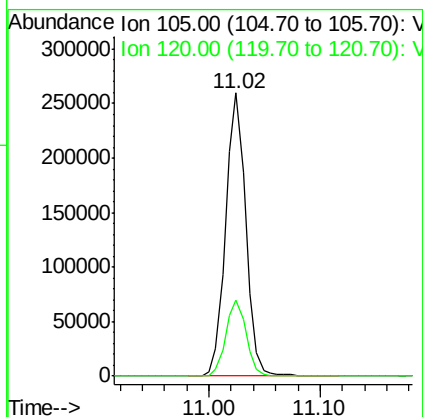
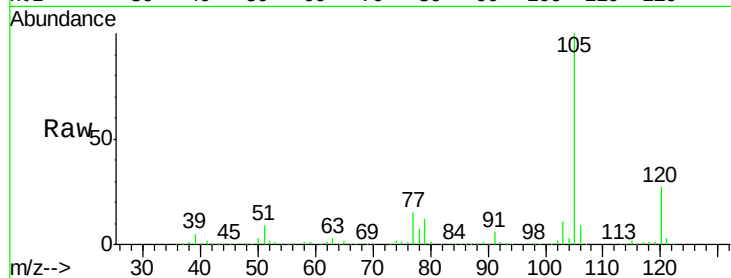




#73
Isopropylbenzene
Concen: 20.97 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

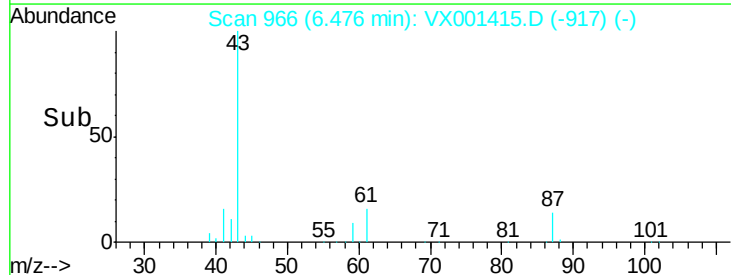
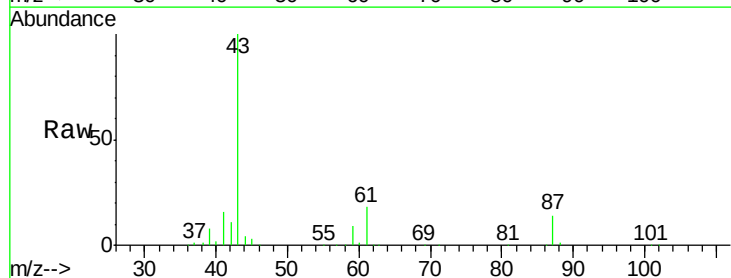
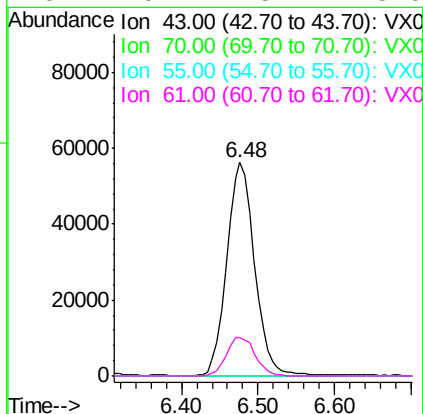
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

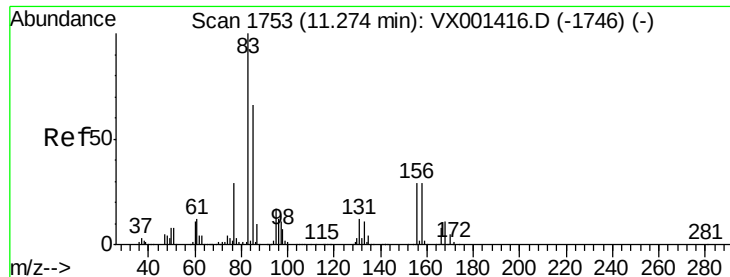
Tgt Ion: 105 Resp: 325335
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8



#74
N-ethyl acetate
Concen: 21.10 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001415.D
Acq: 05 May 2018 12:57

Tgt Ion: 43 Resp: 141006
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.1 0.1#
61 19.1 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.73 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

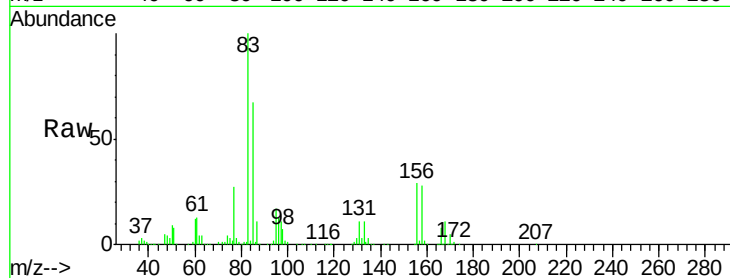
Tgt Ion: 83 Resp: 90978

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.4

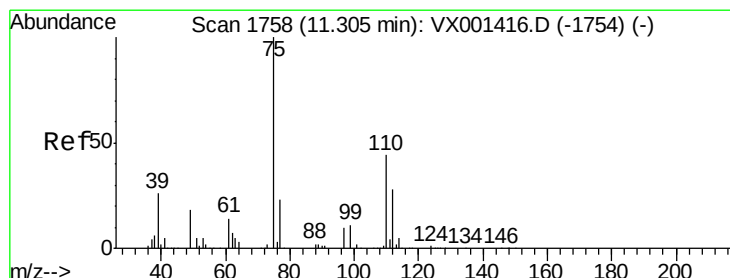
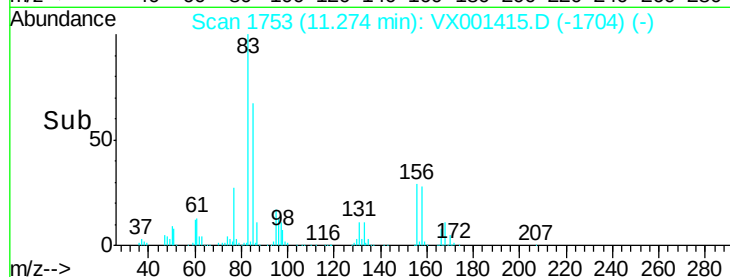
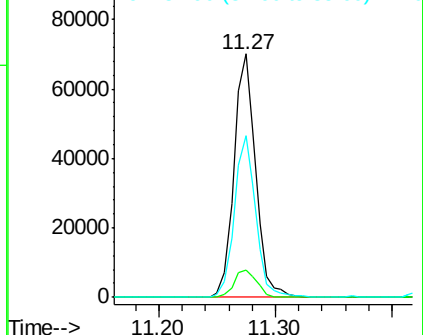
85 65.5 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.00 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001415.D

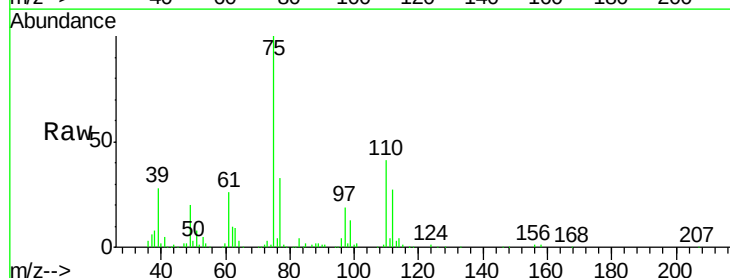
Acq: 05 May 2018 12:57

Tgt Ion: 75 Resp: 107235

Ion Ratio Lower Upper

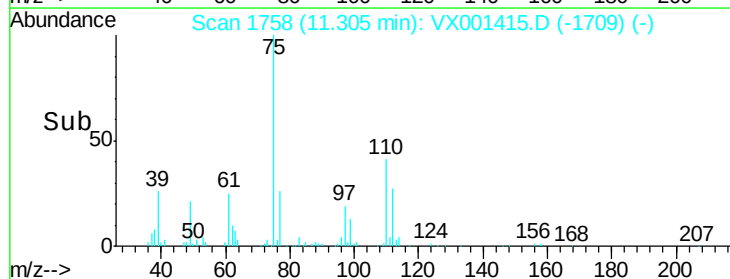
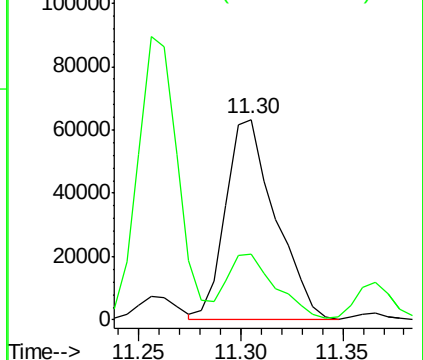
75 100

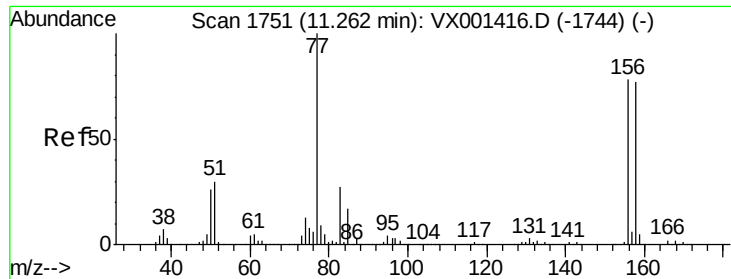
77 31.5 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.54 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

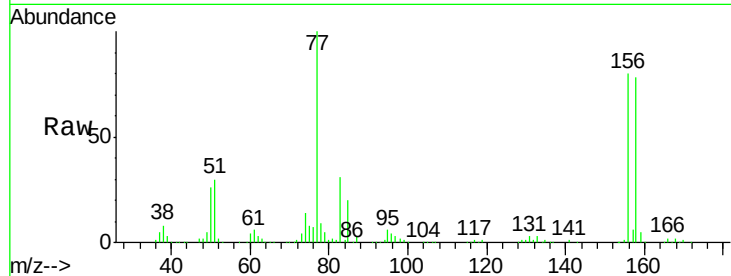
Tgt Ion:156 Resp: 91482

Ion Ratio Lower Upper

156 100

77 133.3 66.0 198.2

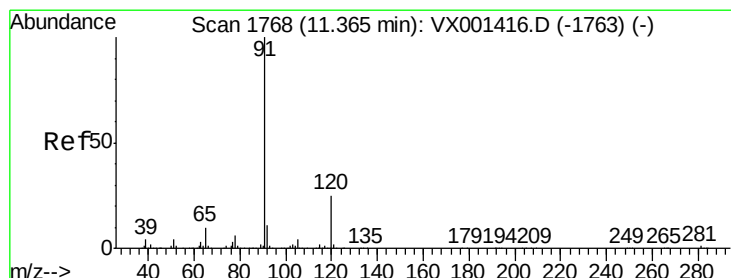
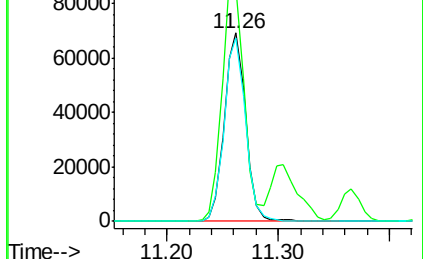
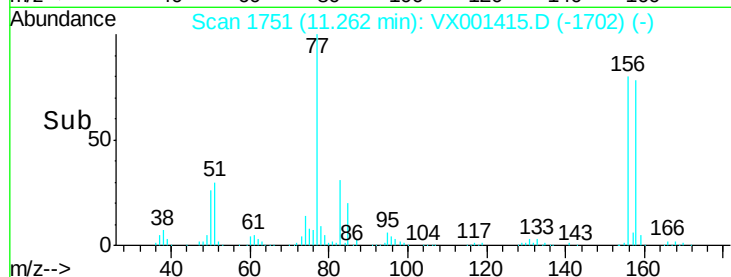
158 97.8 49.4 148.2



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: 20.70 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001415.D

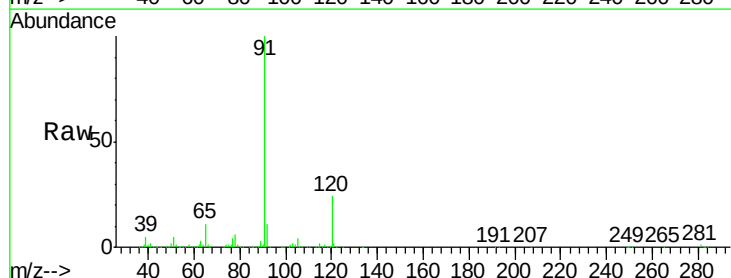
Acq: 05 May 2018 12:57

Tgt Ion: 91 Resp: 355730

Ion Ratio Lower Upper

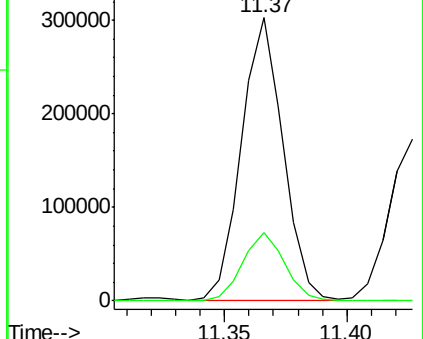
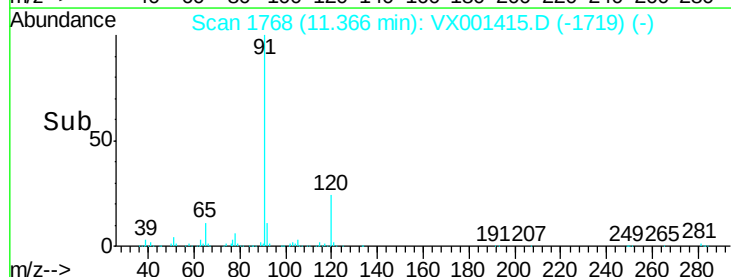
91 100

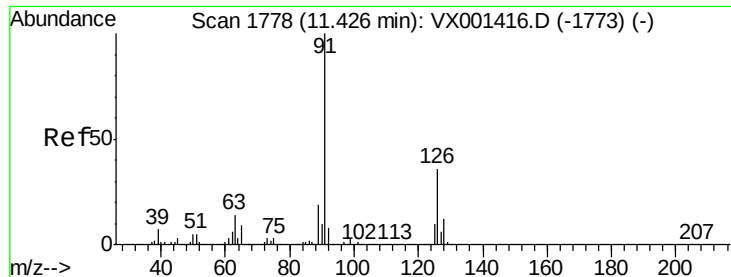
120 24.5 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.72 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

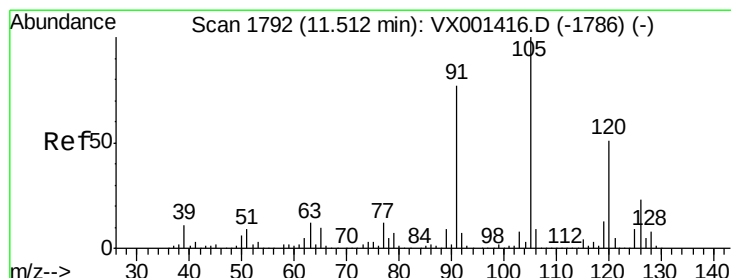
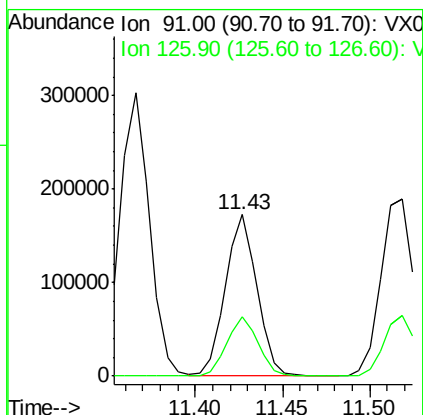
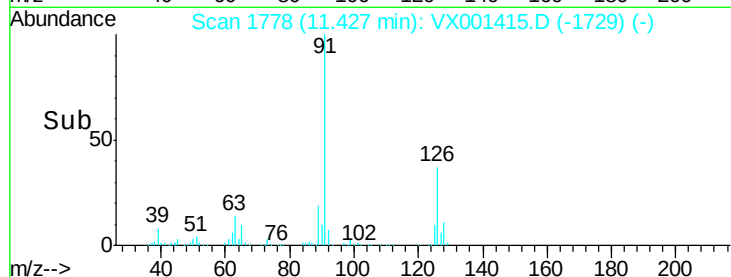
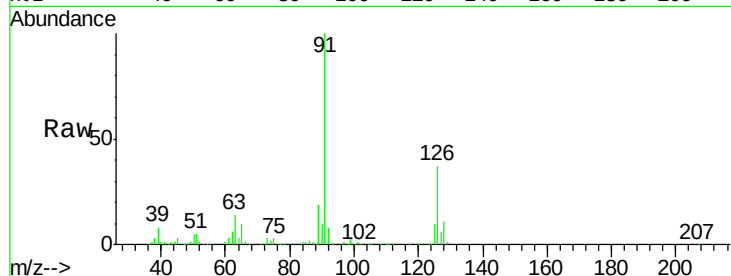
VSTDIC020

Tgt Ion: 91 Resp: 215164

Ion Ratio Lower Upper

91 100

126 37.0 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 21.07 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001415.D

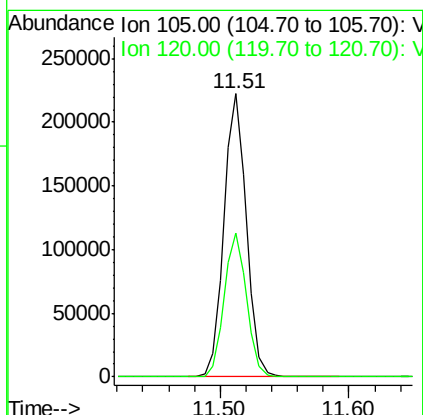
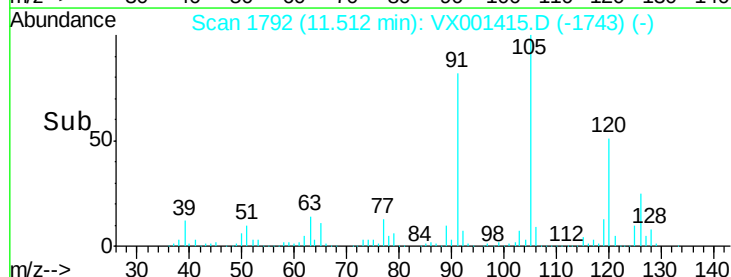
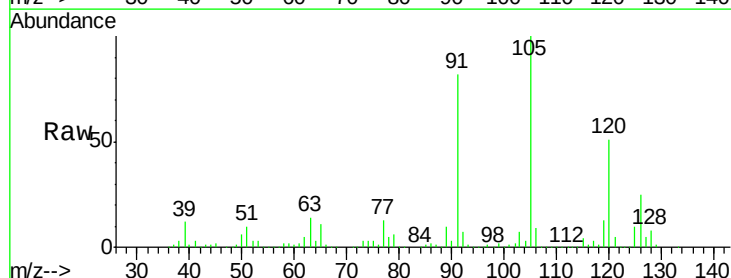
Acq: 05 May 2018 12:57

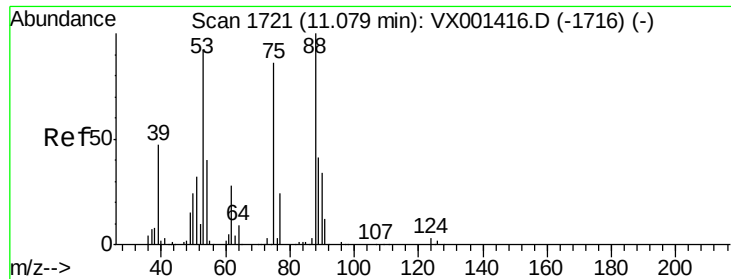
Tgt Ion: 105 Resp: 273074

Ion Ratio Lower Upper

105 100

120 50.8 25.7 77.1

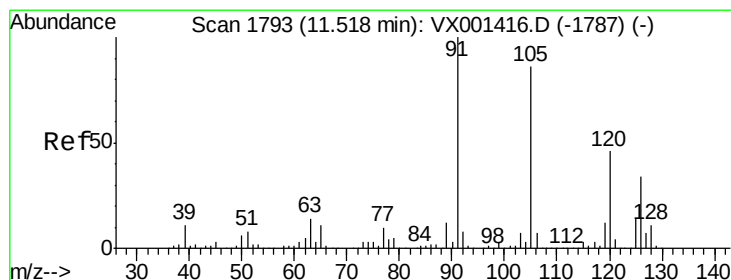
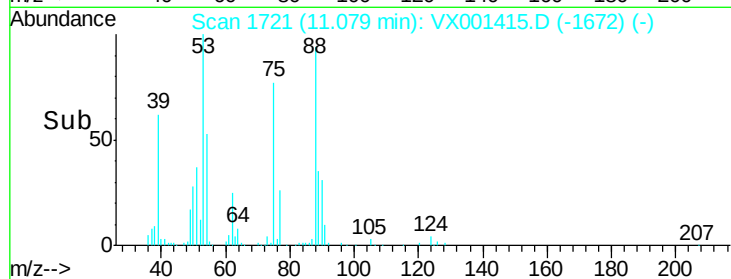
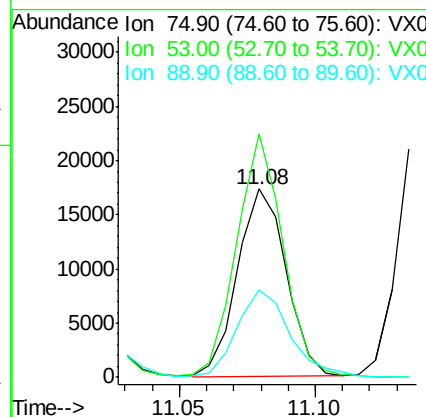
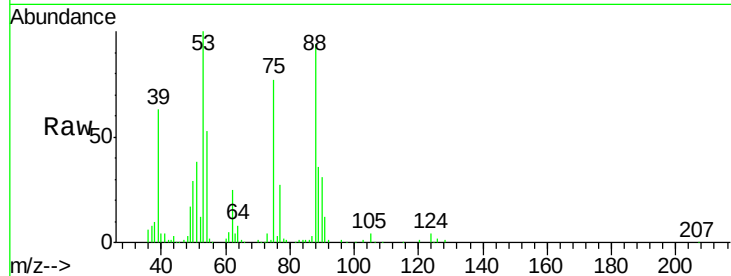




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.22 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

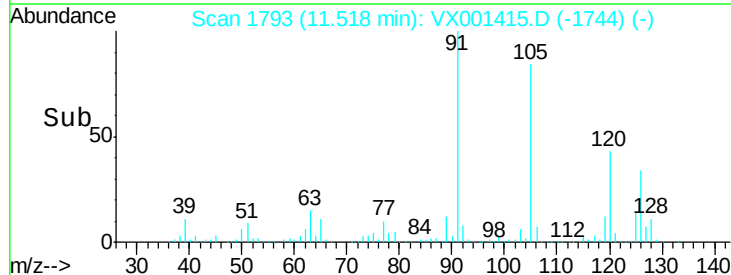
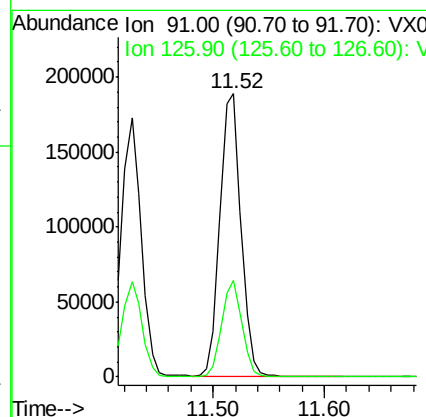
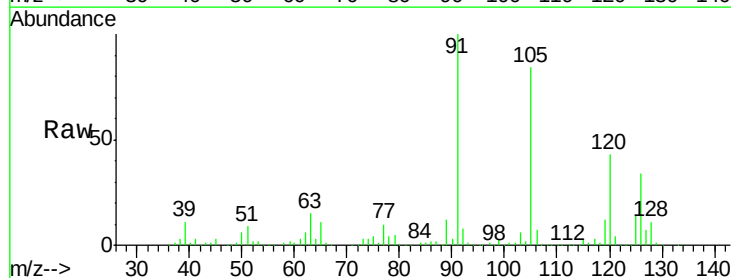
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

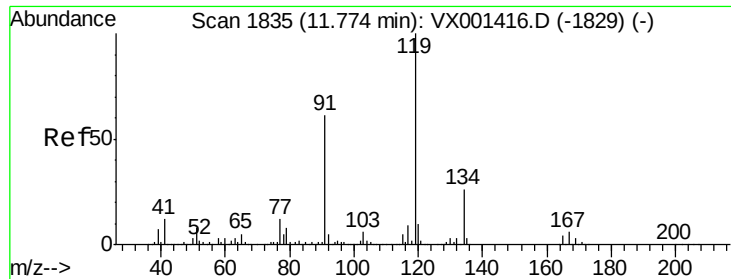
Tgt Ion: 75 Resp: 21581
 Ion Ratio Lower Upper
 75 100
 53 122.4 84.5 126.7
 89 50.8 39.5 59.3



#82
 4-Chlorotoluene
 Concen: 20.08 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion: 91 Resp: 249394
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.2 48.5

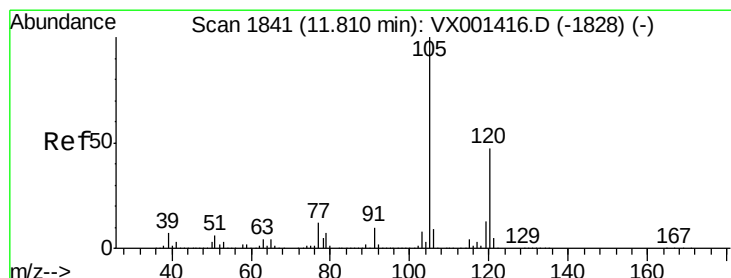
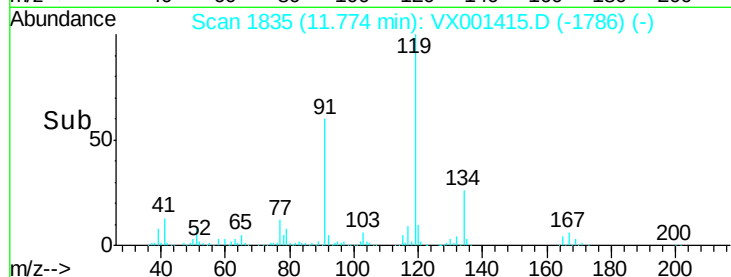
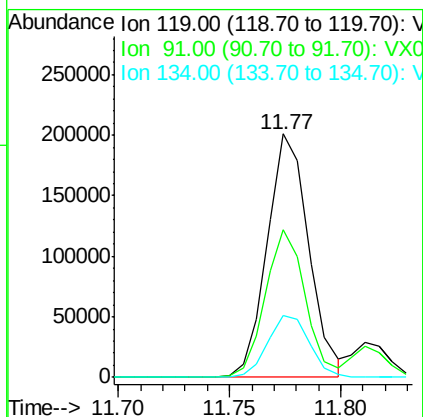
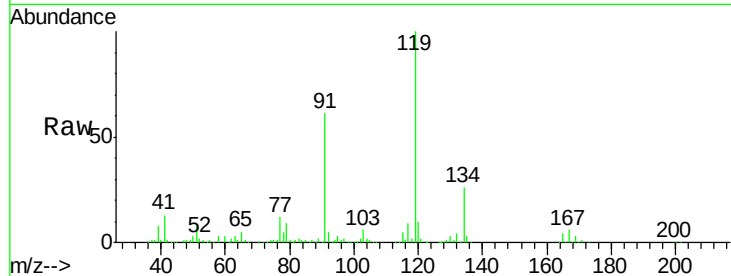




#83
 tert-Butylbenzene
 Concen: 20.13 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

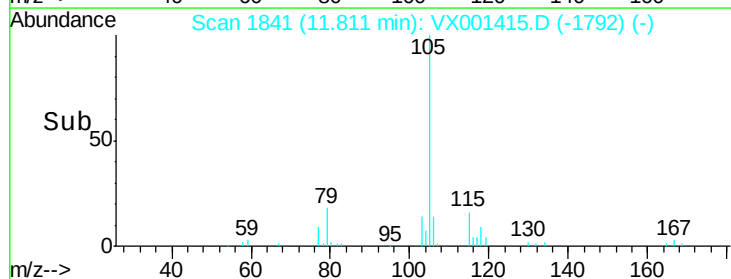
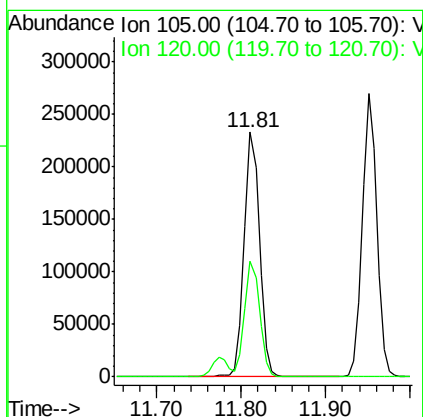
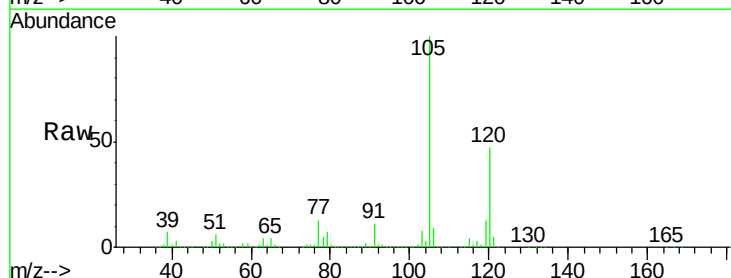
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

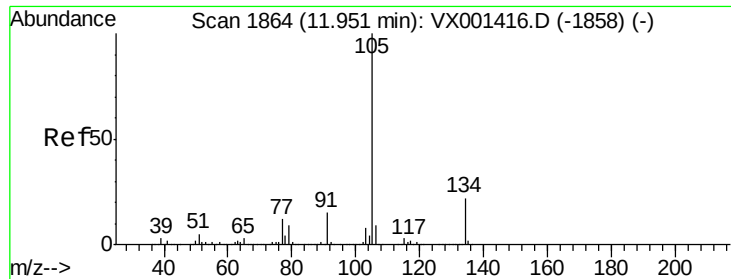
Tgt Ion:119 Resp: 260167
 Ion Ratio Lower Upper
 119 100
 91 58.5 27.8 83.3
 134 25.7 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 21.22 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion:105 Resp: 282329
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.2





#85

sec-Butylbenzene

Concen: 20.98 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

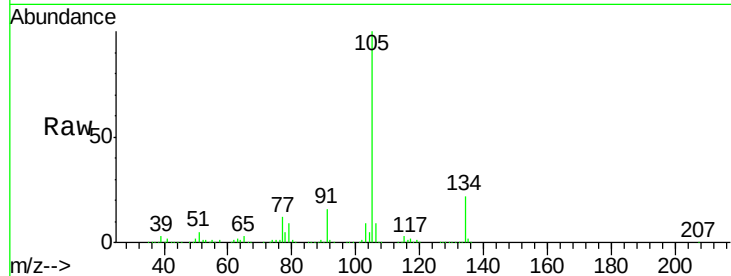
VSTDIC020

Tgt Ion:105 Resp: 325062

Ion Ratio Lower Upper

105 100

134 21.8 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

300000

250000

200000

150000

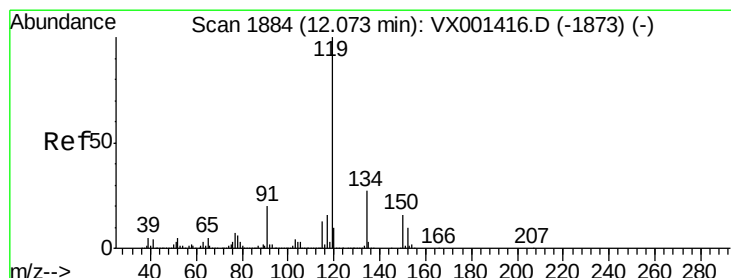
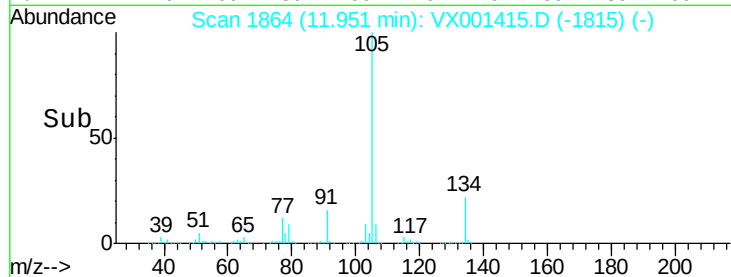
100000

50000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 20.83 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

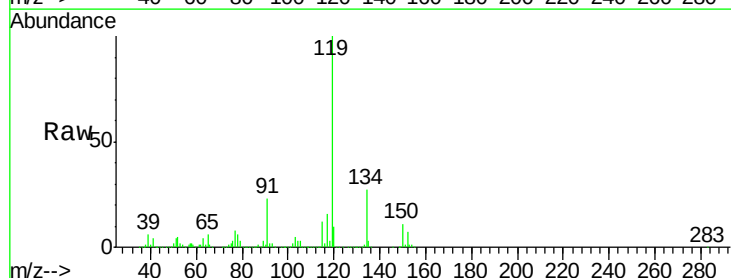
Tgt Ion:119 Resp: 296605

Ion Ratio Lower Upper

119 100

134 27.6 13.6 40.8

91 22.5 10.8 32.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

300000

250000

200000

150000

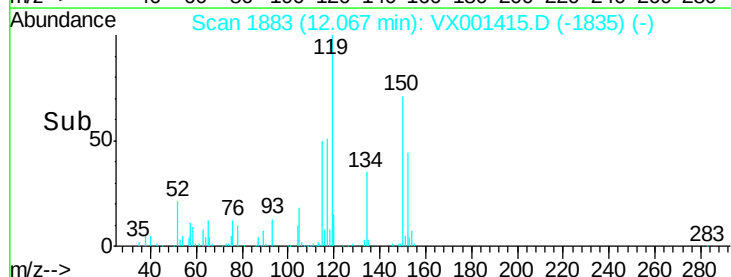
100000

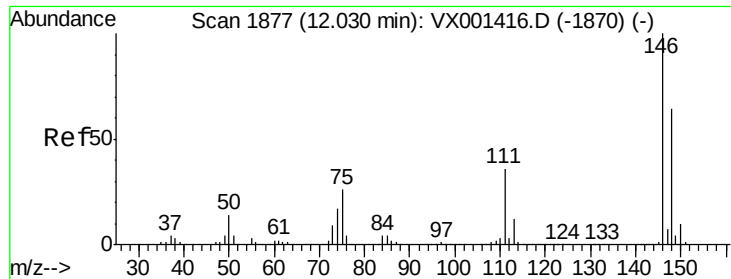
50000

0

Time-->

12.00 12.07 12.20

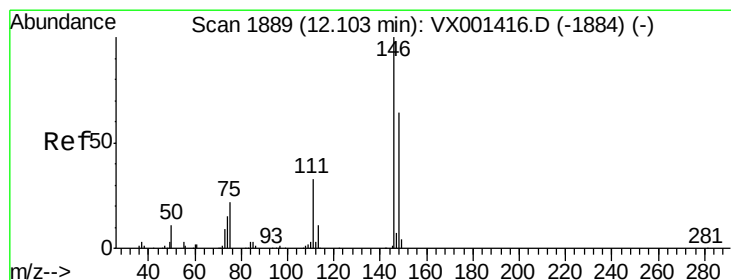
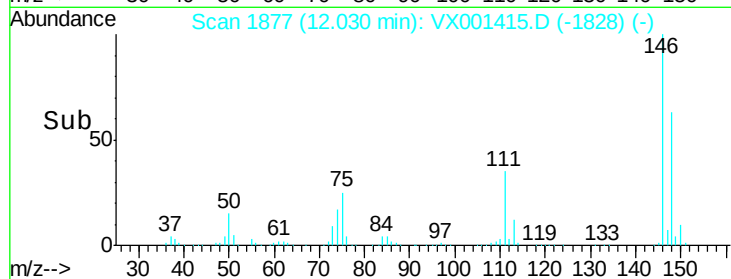
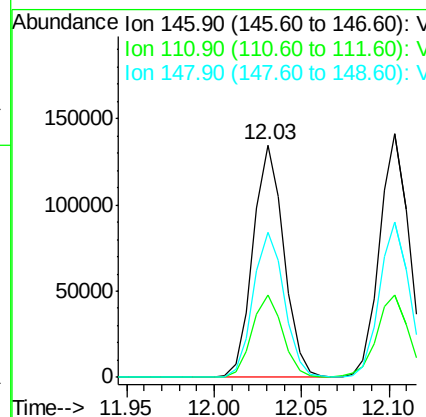
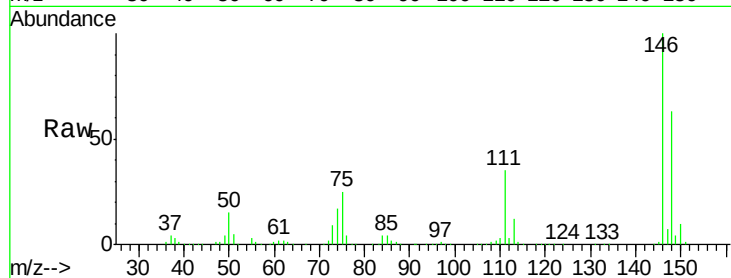




#87
 1,3-Dichlorobenzene
 Concen: 19.86 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

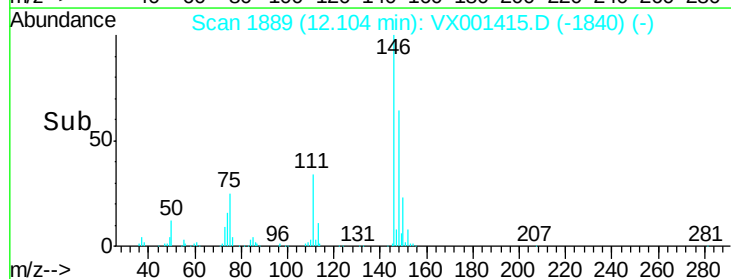
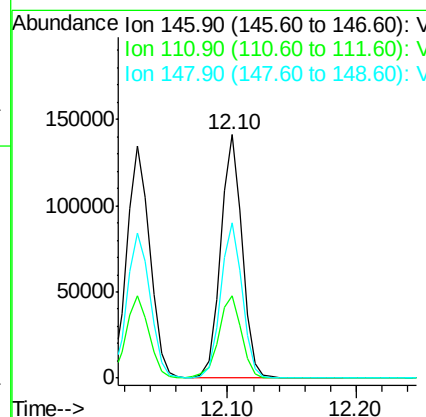
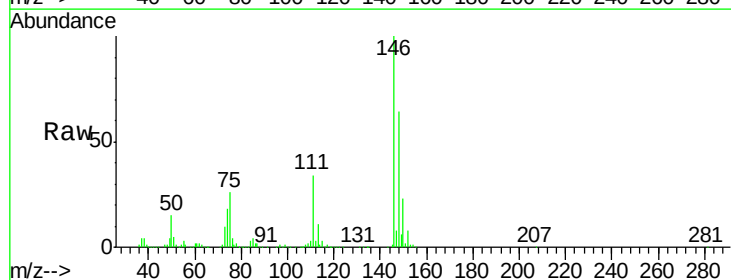
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

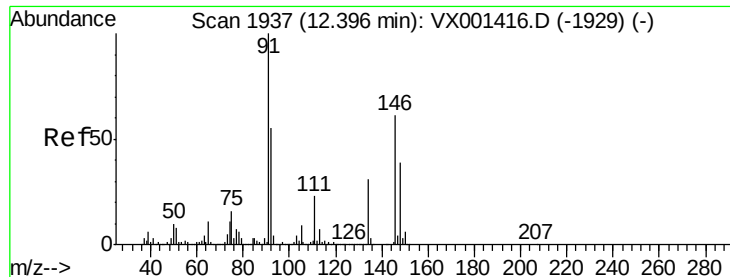
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.2	18.1	54.1
148	63.2	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.42 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	17.4	52.3
148	64.6	32.2	96.6





#89

n-Butylbenzene

Concen: 19.63 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

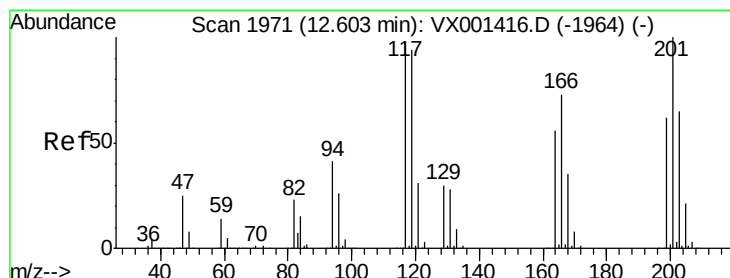
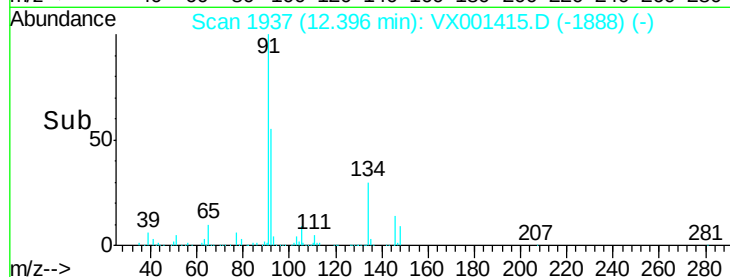
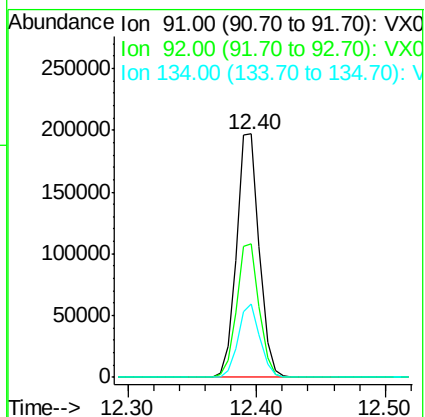
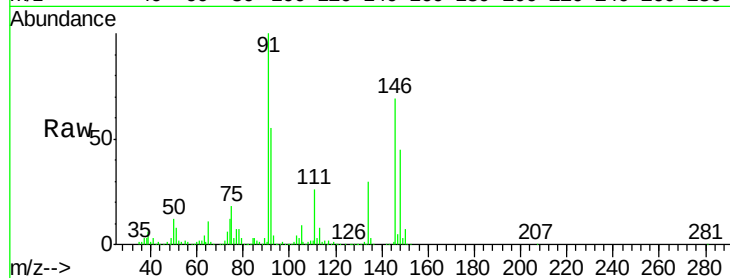
Tgt Ion: 91 Resp: 241852

Ion Ratio Lower Upper

91 100

92 54.3 27.2 81.5

134 28.7 14.6 44.0



#90

Hexachloroethane

Concen: 20.21 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001415.D

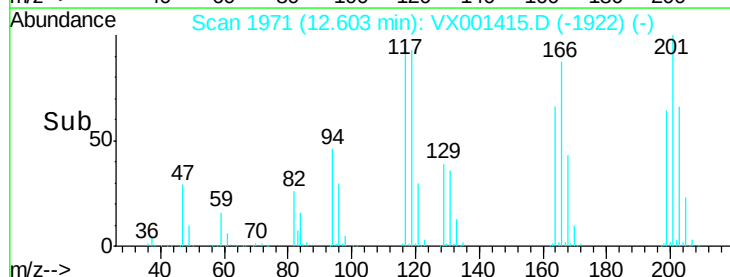
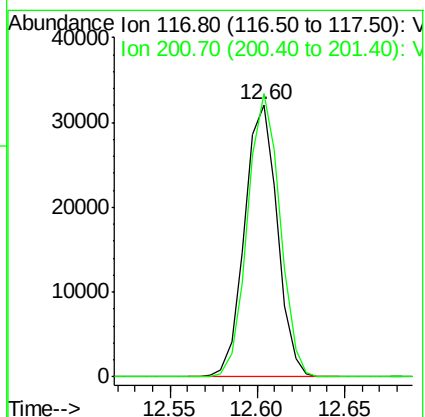
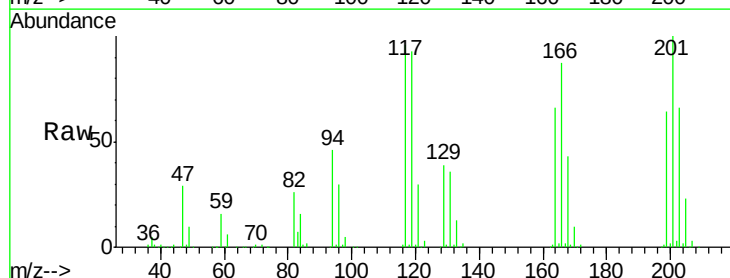
Acq: 05 May 2018 12:57

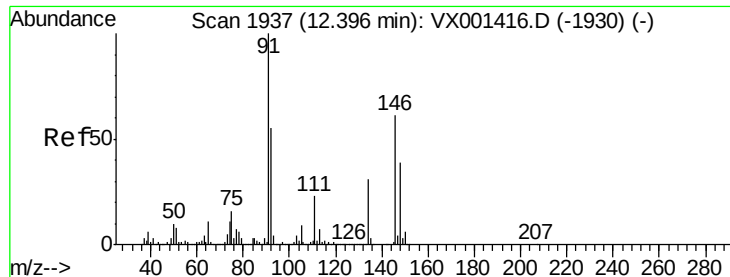
Tgt Ion: 117 Resp: 41688

Ion Ratio Lower Upper

117 100

201 102.8 51.5 154.5

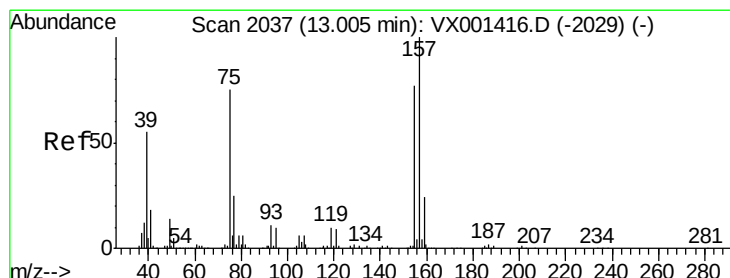
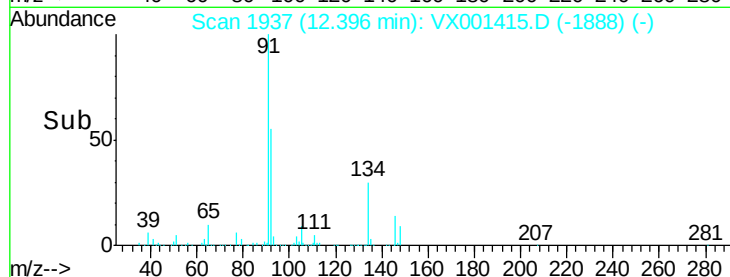
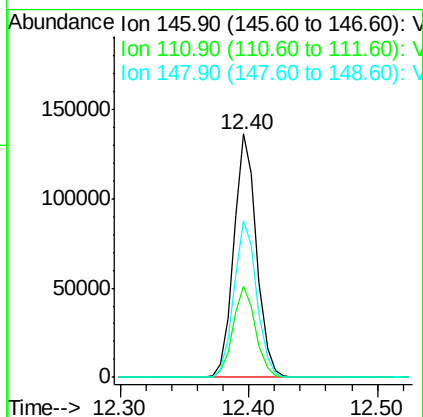
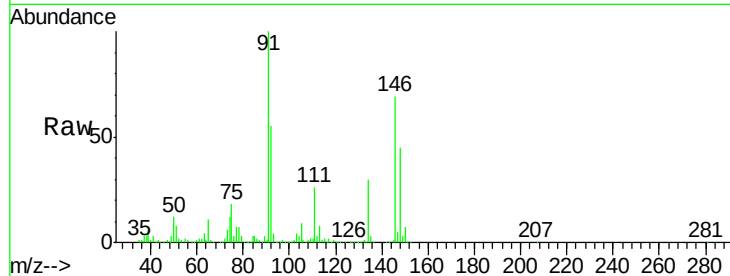




#91
 1,2-Dichlorobenzene
 Concen: 20.18 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

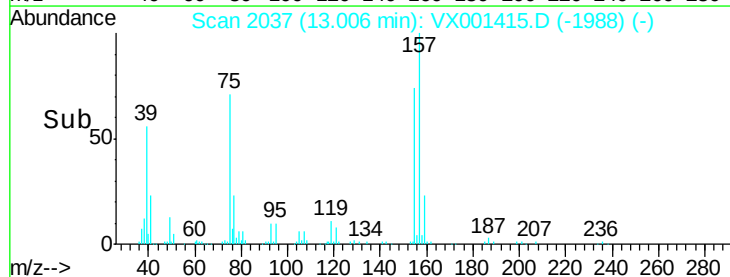
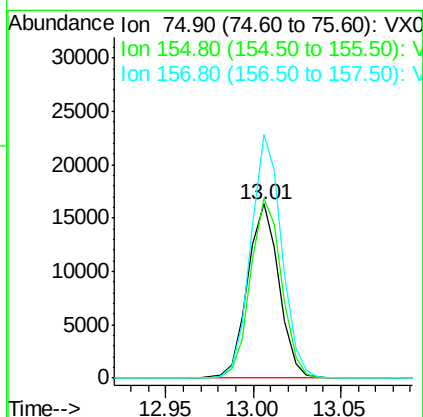
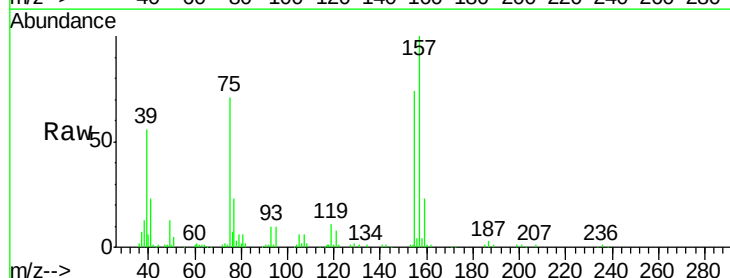
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

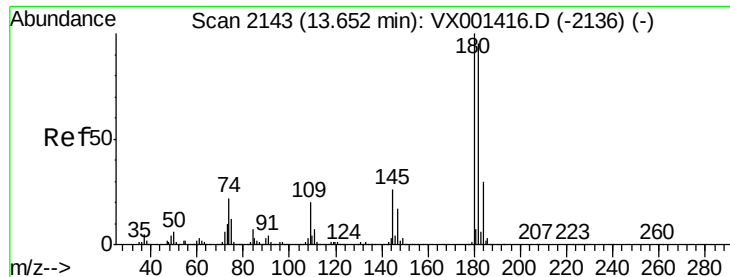
Tgt Ion: 146 Resp: 167250
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.8
 148 64.4 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.53 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion: 75 Resp: 20297
 Ion Ratio Lower Upper
 75 100
 155 102.3 53.4 160.2
 157 137.2 68.3 204.8

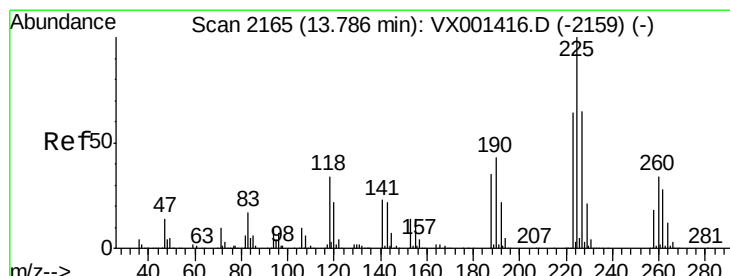
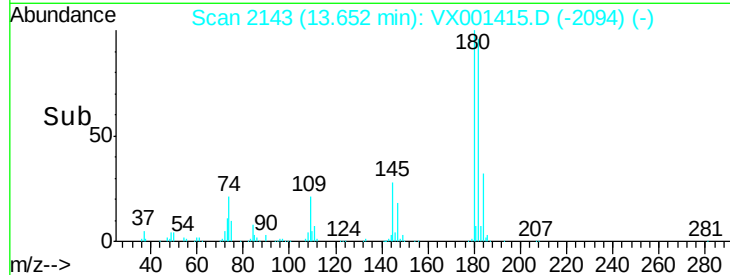
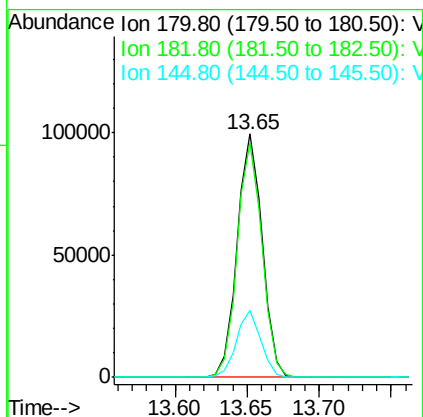
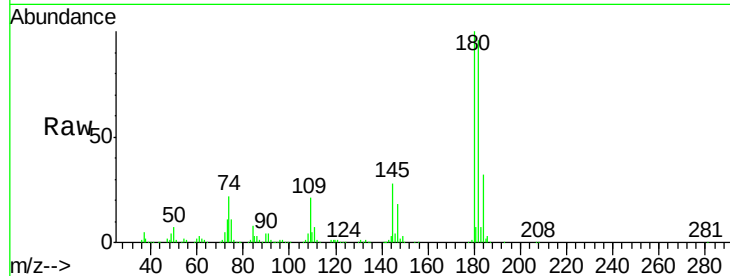




#93
 1,2,4-Trichlorobenzene
 Concen: 18.16 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

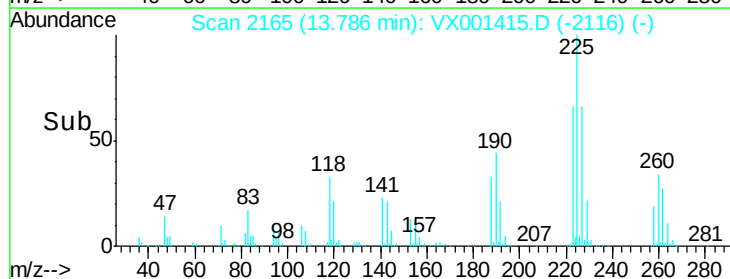
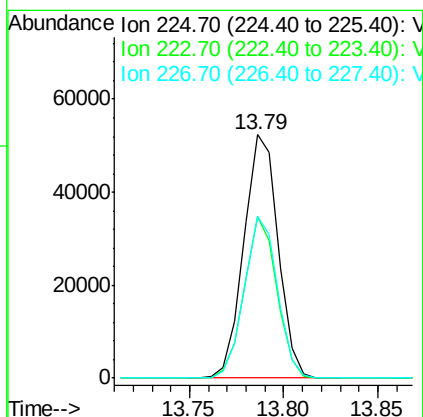
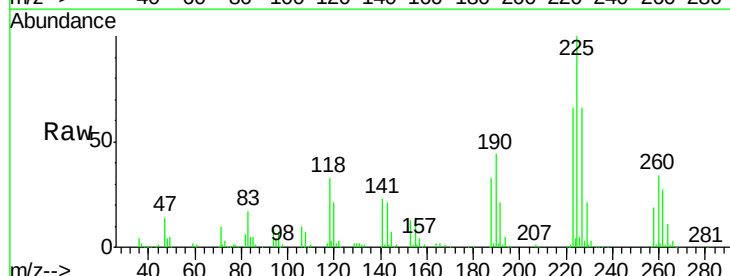
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

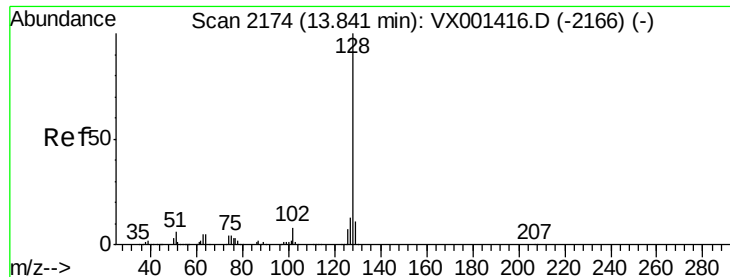
Tgt Ion:180 Resp: 120287
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.8 143.4
 145 27.2 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 18.96 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001415.D
 Acq: 05 May 2018 12:57

Tgt Ion:225 Resp: 65926
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.3 93.9
 227 64.4 32.4 97.2





#95

Naphthalene

Concen: 20.17 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

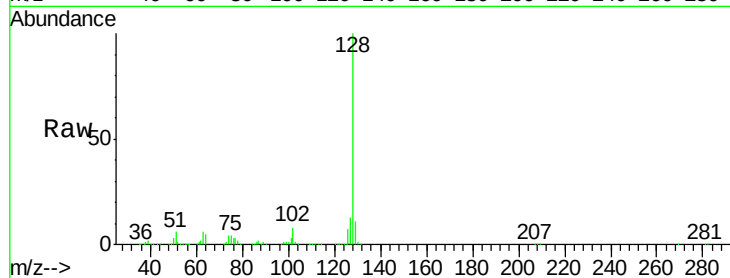
Tgt Ion:128 Resp: 341962

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

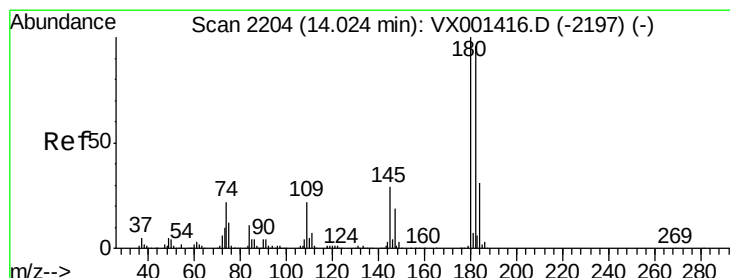
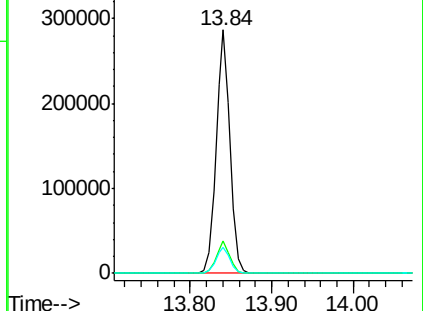
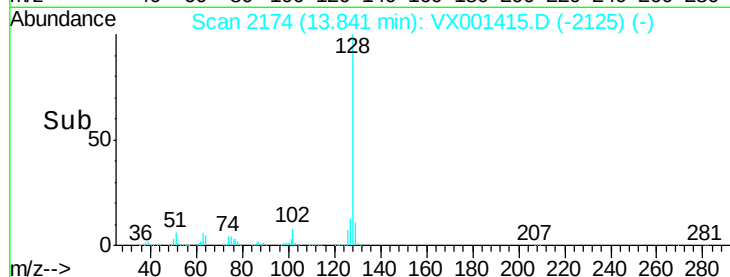
129 10.9 8.7 13.1



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: 19.29 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001415.D

Acq: 05 May 2018 12:57

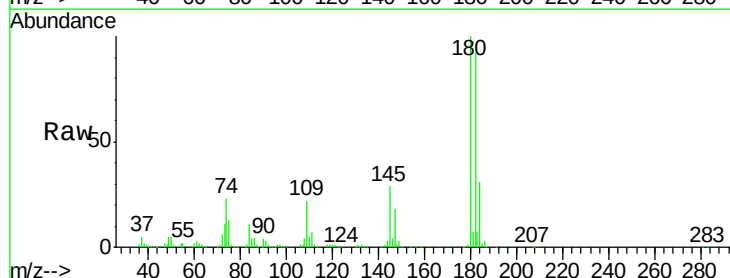
Tgt Ion:180 Resp: 125975

Ion Ratio Lower Upper

180 100

182 94.4 48.0 144.2

145 28.3 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

