

Data File : VX001571.D

Acq On : 09 May 2018 22:27

Operator : JC/MD

Sample : VSTDCCC050EC

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 10 04:19:43 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	302692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	212813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160991	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	5.51	113	132116	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	8.72	98	468651	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.14	95	180666	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	151675	48.73	ug/l	99
3) Chloromethane	1.32	50	138339	45.64	ug/l	99
4) Vinyl Chloride	1.40	62	149894	47.38	ug/l	100
5) Bromomethane	1.64	94	46169	30.54	ug/l	100
6) Chloroethane	1.72	64	109199	52.22	ug/l	99
7) Trichlorofluoromethane	1.92	101	244330	51.32	ug/l	99
8) Diethyl Ether	2.19	74	96077	51.49	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	141603	50.73	ug/l	99
10) Methyl Iodide	2.51	142	107915	26.79	ug/l	99
11) Tert butyl alcohol	3.09	59	185899	265.32	ug/l	99
12) 1,1-Dichloroethene	2.37	96	130164	50.88	ug/l	99
13) Acrolein	2.30	56	30502	219.41	ug/l	95
14) Allyl chloride	2.73	41	245419	51.45	ug/l	99
15) Acrylonitrile	3.15	53	419623	265.03	ug/l	100
16) Acetone	2.45	43	378370	250.74	ug/l	100
17) Carbon Disulfide	2.57	76	315800	48.50	ug/l	100
18) Methyl Acetate	2.78	43	226415	57.11	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	469603	52.72	ug/l	100
20) Methylene Chloride	2.86	84	148806	49.81	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	139469	48.85	ug/l	97
22) Diisopropyl ether	3.88	45	462525	51.90	ug/l	99
23) Vinyl Acetate	3.83	43	1933628	260.32	ug/l	100
24) 1,1-Dichloroethane	3.70	63	265521	53.33	ug/l	99
25) 2-Butanone	4.72	43	569987	261.31	ug/l	99
26) 2,2-Dichloropropane	4.59	77	163327	42.48	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	154821	50.91	ug/l	95
28) Bromochloromethane	5.03	49	115336	53.43	ug/l	97
29) Tetrahydrofuran	5.18	42	369436	264.71	ug/l	100
30) Chloroform	5.22	83	274219	53.47	ug/l	98
31) Cyclohexane	5.58	56	215196	50.33	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	242071	54.01	ug/l	100
36) 1,1-Dichloropropene	5.80	75	189960	49.34	ug/l	99
37) Ethyl Acetate	4.87	43	219539	52.01	ug/l	99
38) Carbon Tetrachloride	5.79	117	219350	53.42	ug/l	100

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ClientSampleId :
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Quant Time: May 10 04:19:43 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227031	49.87	ug/l	99
40) Benzene	6.15	78	582787	51.82	ug/l	99
41) Methacrylonitrile	5.07	41	126086	52.21	ug/l	99
42) 1,2-Dichloroethane	6.20	62	228706	52.91	ug/l	99
43) Isopropyl Acetate	6.48	43	347221	53.59	ug/l	100
44) Trichloroethene	7.22	130	175432	51.04	ug/l	98
45) 1,2-Dichloropropane	7.52	63	145149	51.77	ug/l	98
46) Dibromomethane	7.67	93	102823	51.80	ug/l	100
47) Bromodichloromethane	7.90	83	203108	55.29	ug/l	99
48) Methyl methacrylate	7.79	41	189066	53.59	ug/l	100
49) 1,4-Dioxane	7.77	88	79212	1039.21	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1183730	274.93	ug/l	99
52) Toluene	8.79	92	387656	52.72	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	225288	54.27	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	203763	47.59	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	156187	52.72	ug/l	99
56) Ethyl methacrylate	9.19	69	228851	53.59	ug/l	99
57) 1,3-Dichloropropane	9.38	76	256893	52.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	612423	292.38	ug/l	99
59) 2-Hexanone	9.51	43	892874	270.81	ug/l	100
60) Dibromochloromethane	9.59	129	171444	56.51	ug/l	99
61) 1,2-Dibromoethane	9.68	107	165684	53.26	ug/l	99
64) Tetrachloroethene	9.34	164	212909	51.66	ug/l	99
65) Chlorobenzene	10.15	112	439870	50.72	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	166695	53.74	ug/l	99
67) Ethyl Benzene	10.26	91	731042	51.43	ug/l	99
68) m/p-Xylenes	10.37	106	584216	104.02	ug/l	99
69) o-Xylene	10.71	106	284661	52.15	ug/l	99
70) Styrene	10.72	104	471629	53.19	ug/l	100
71) Bromoform	10.87	173	140458	47.29	ug/l	100
73) Isopropylbenzene	11.02	105	760765	51.64	ug/l	100
74) N-amyl acetate	6.48	43	347221	51.89	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	227495	52.28	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	265567	61.53	ug/l	87
77) Bromobenzene	11.26	156	216657	50.58	ug/l	99
78) n-propylbenzene	11.37	91	838622	52.27	ug/l	100
79) 2-Chlorotoluene	11.43	91	507554	51.41	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	640283	52.20	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	57606	43.19	ug/l	98
82) 4-Chlorotoluene	11.52	91	589611	51.77	ug/l	99
83) tert-Butylbenzene	11.77	119	637502	52.23	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	661086	52.44	ug/l	100
85) sec-Butylbenzene	11.95	105	772486	52.73	ug/l	99
86) p-Isopropyltoluene	12.07	119	708324	52.71	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	389448	50.86	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	389763	49.91	ug/l	100
89) n-Butylbenzene	12.40	91	573102	51.47	ug/l	99
90) Hexachloroethane	12.60	117	108885	53.81	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	398929	51.21	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52996	55.44	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050918\
Quantitation Report (Not Reviewed)

Data File : VX001571.D
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Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

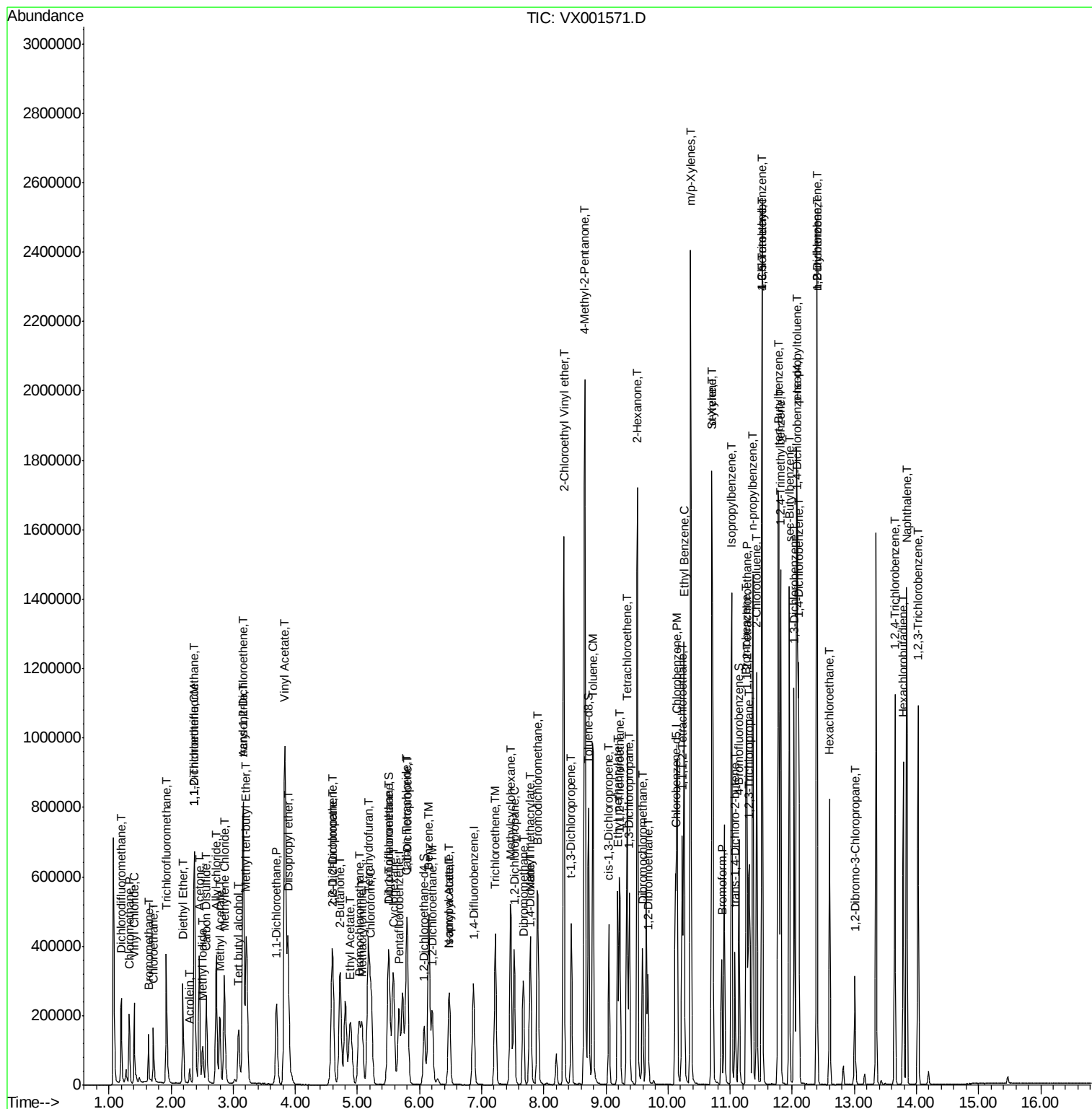
Quant Time: May 10 04:19:43 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

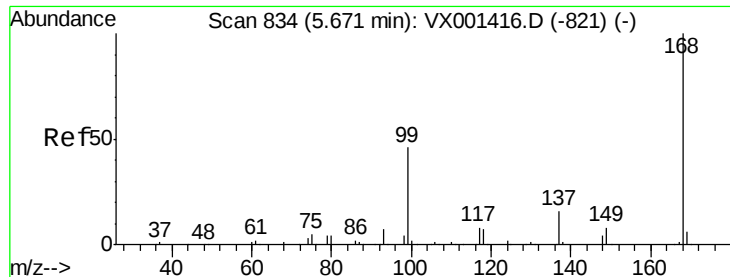
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	291549	51.15	ug/l	100
94) Hexachlorobutadiene	13.79	225	154180	49.43	ug/l	100
95) Naphthalene	13.84	128	863486	54.77	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	302824	51.77	ug/l	99

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

ALS Vial : 20 Sample Multiplier: 1

Response via : Initial Calibration

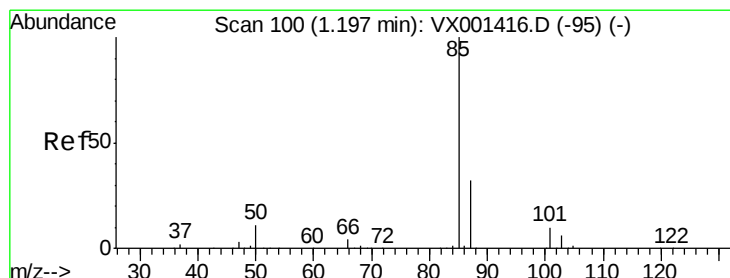
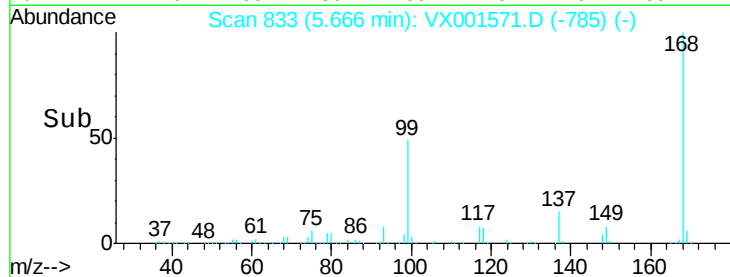
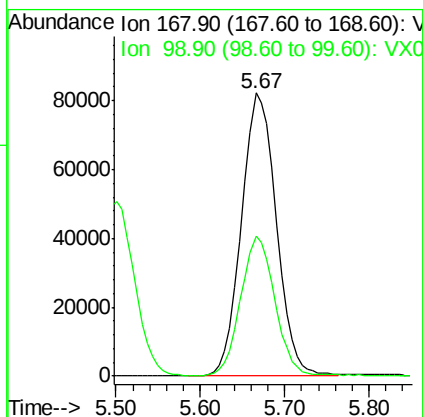
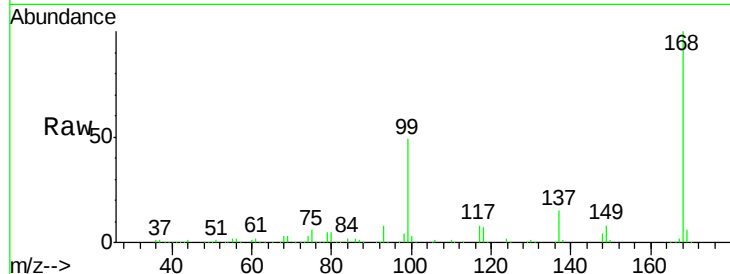




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

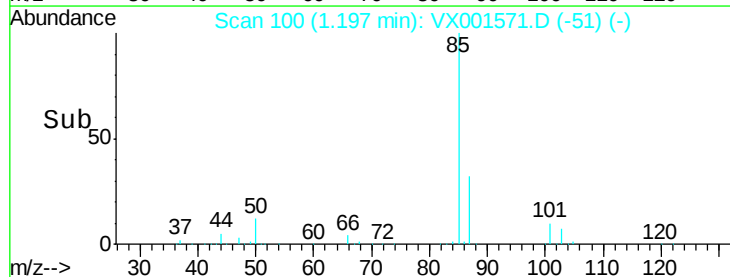
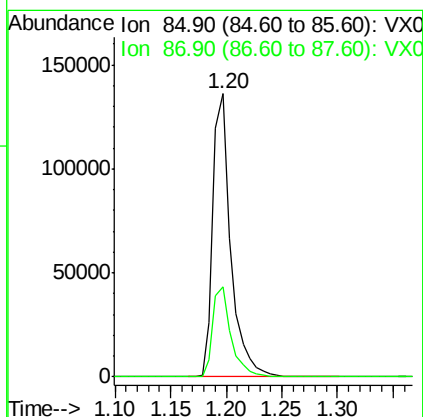
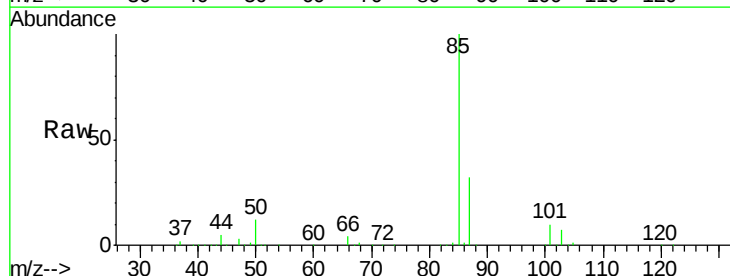
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

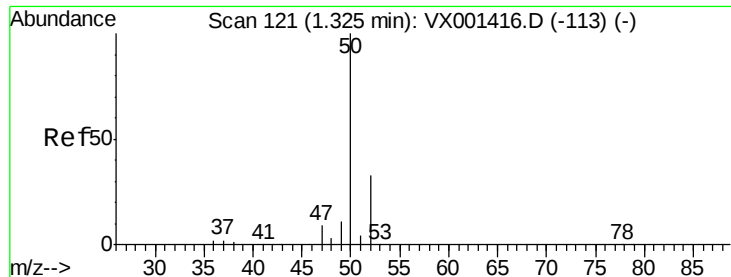
Tgt Ion: 168 Resp: 231208
Ion Ratio Lower Upper
168 100
99 49.1 36.6 54.8



#2
Dichlorodifluoromethane
Concen: 48.73 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

Tgt Ion: 85 Resp: 151675
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6





#3

Chloromethane

Concen: 45.64 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

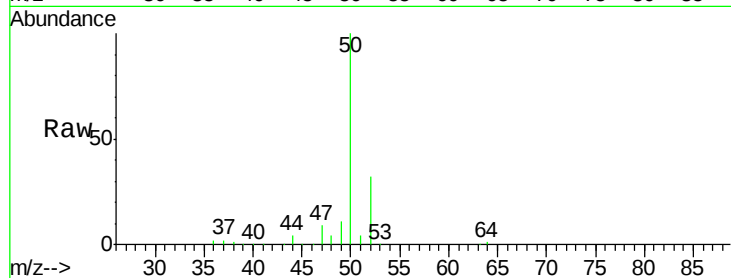
VSTDCCC050EC

Tgt Ion: 50 Resp: 138339

Ion Ratio Lower Upper

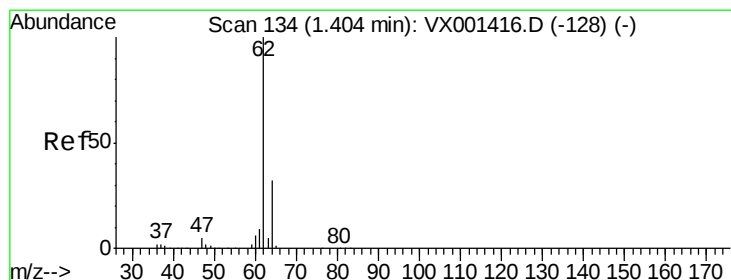
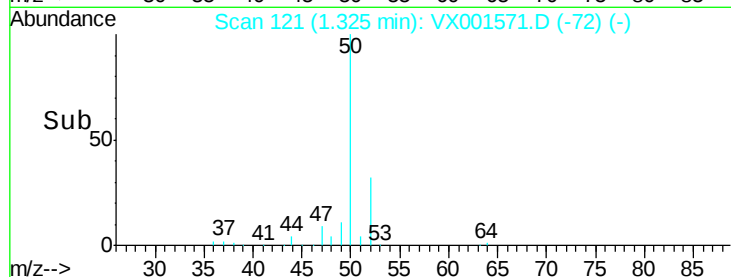
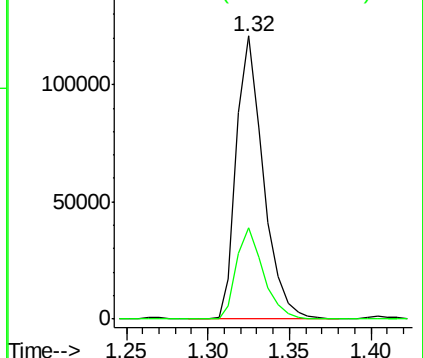
50 100

52 32.5 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.38 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001571.D

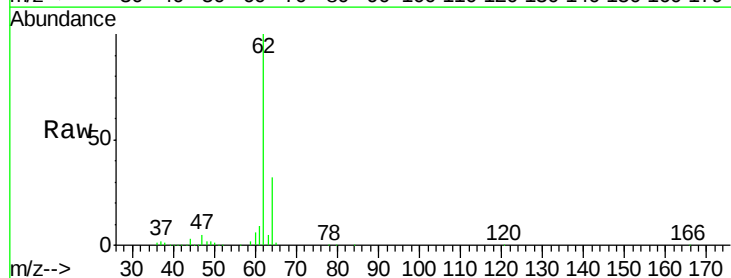
Acq: 09 May 2018 22:27

Tgt Ion: 62 Resp: 149894

Ion Ratio Lower Upper

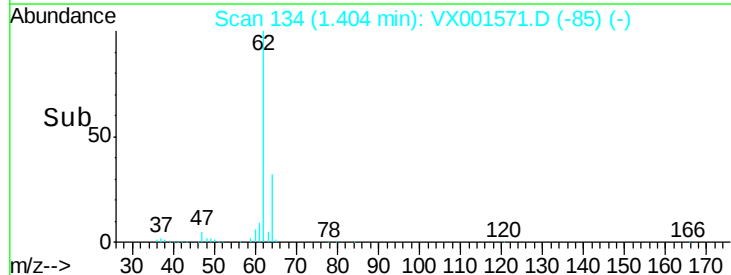
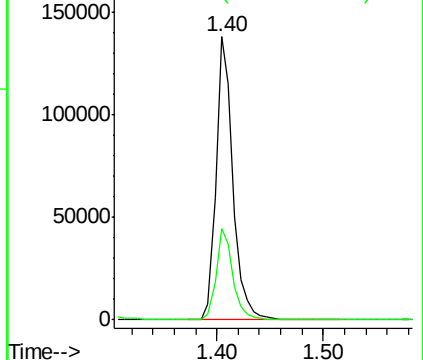
62 100

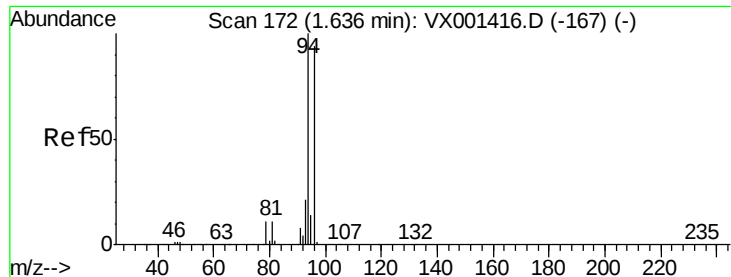
64 32.0 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 30.54 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

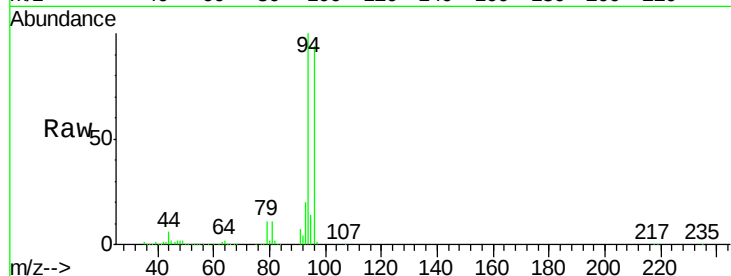
VSTDCCC050EC

Tgt Ion: 94 Resp: 46169

Ion Ratio Lower Upper

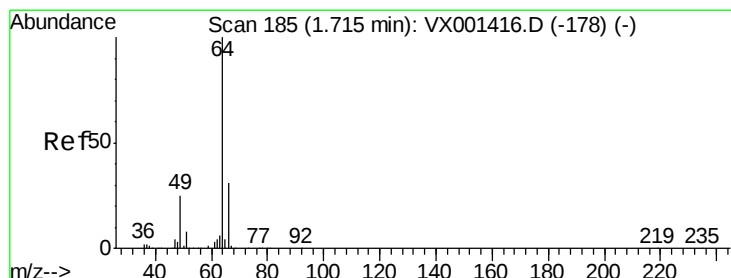
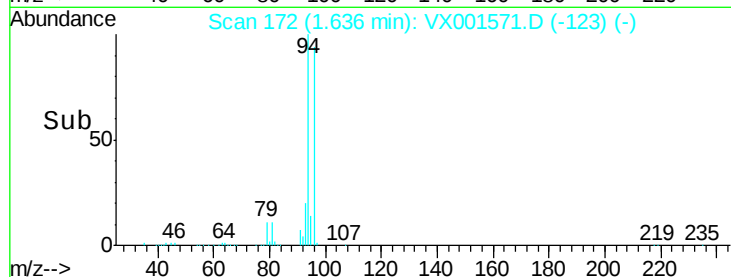
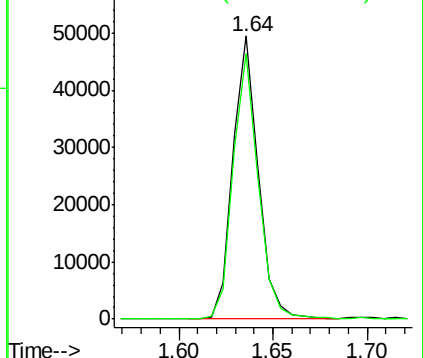
94 100

96 94.0 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: 52.22 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX001571.D

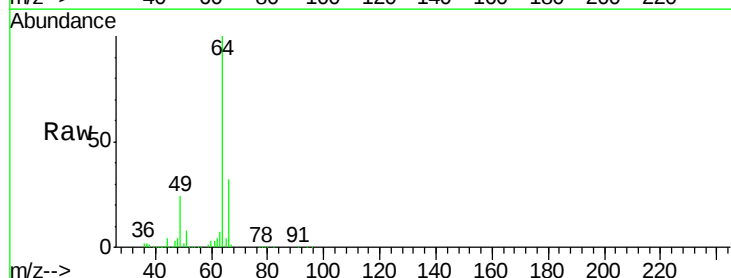
Acq: 09 May 2018 22:27

Tgt Ion: 64 Resp: 109199

Ion Ratio Lower Upper

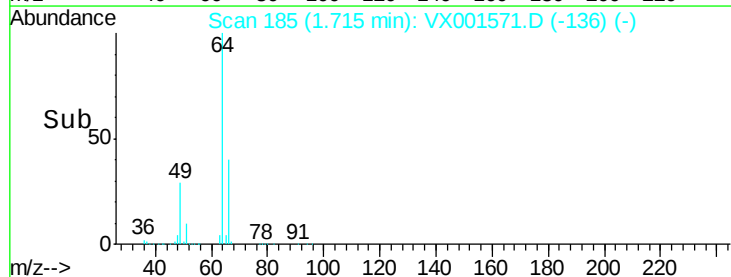
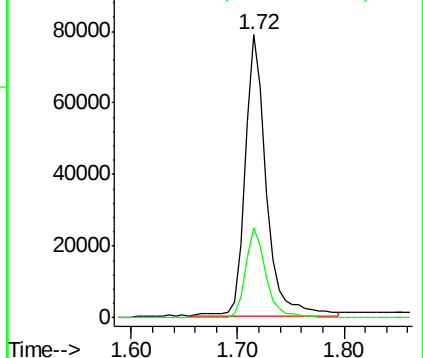
64 100

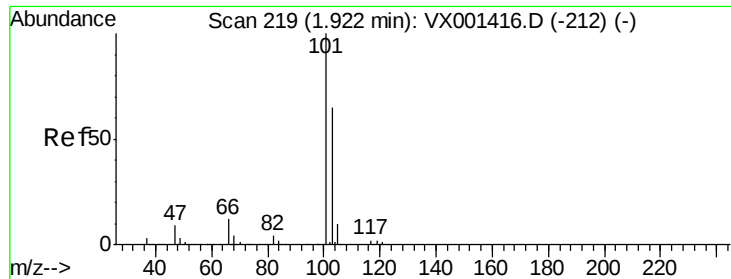
66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



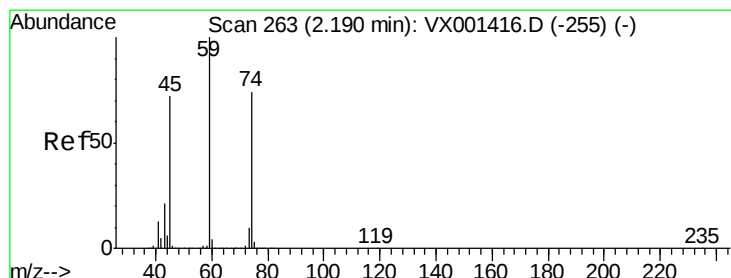
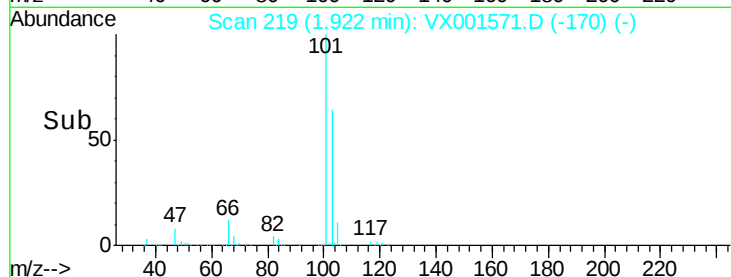
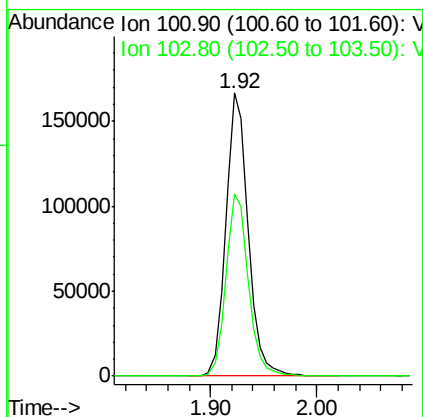
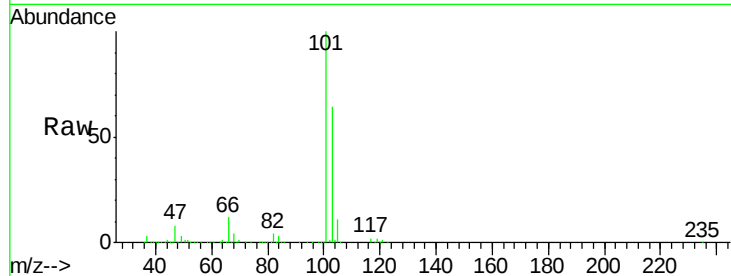


#7

Trichlorofluoromethane
Concen: 51.32 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

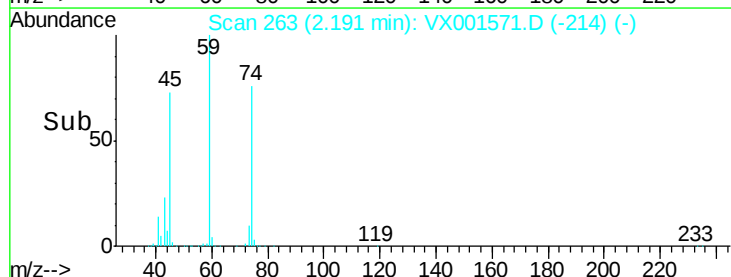
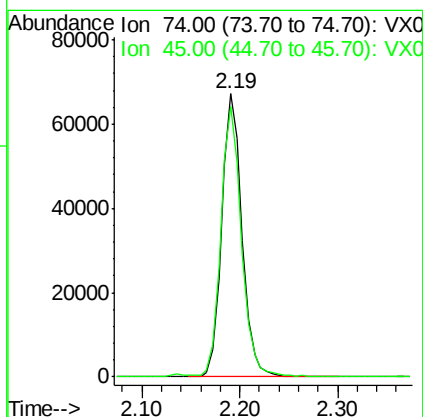
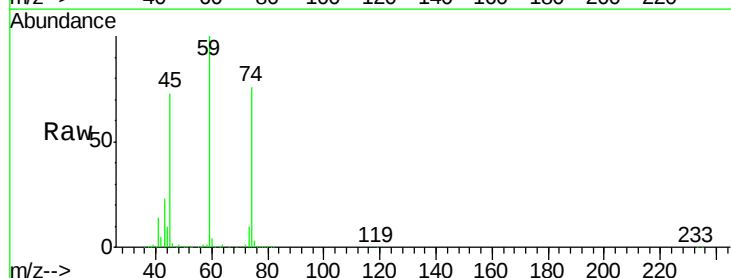
Tgt Ion:101 Resp: 244330
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0

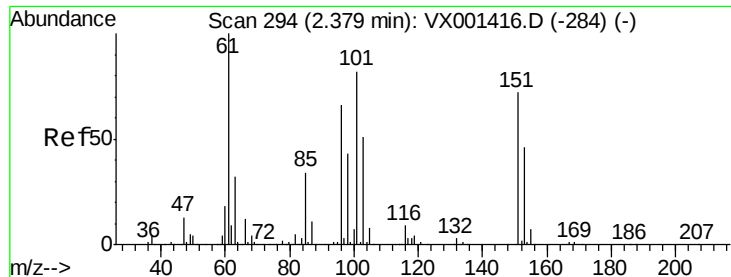


#8

Diethyl Ether
Concen: 51.49 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

Tgt Ion: 74 Resp: 96077
Ion Ratio Lower Upper
74 100
45 96.1 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.73 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

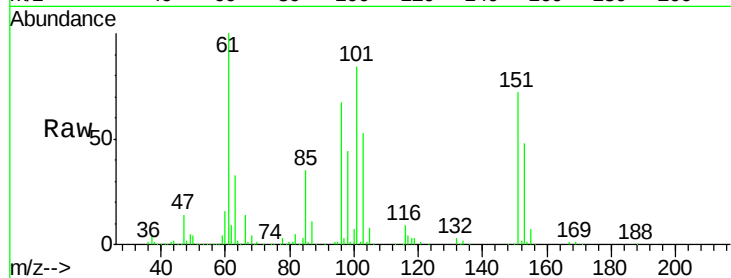
Tgt Ion:101 Resp: 141603

Ion Ratio Lower Upper

101 100

85 41.8 33.7 50.5

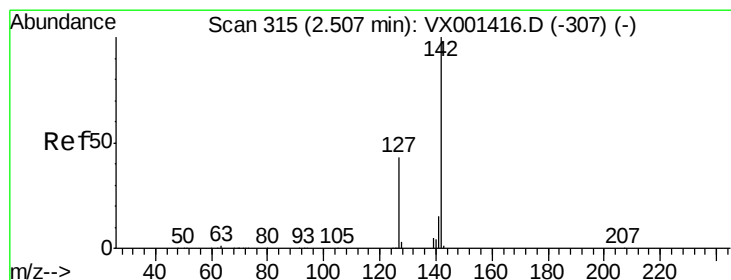
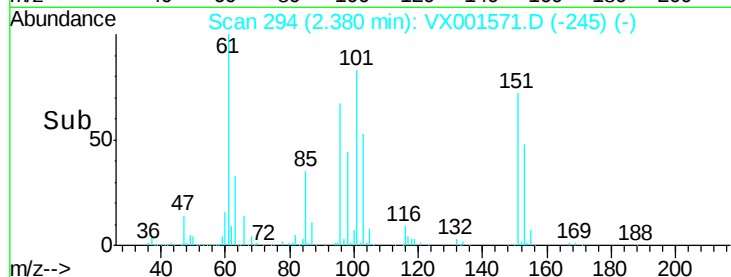
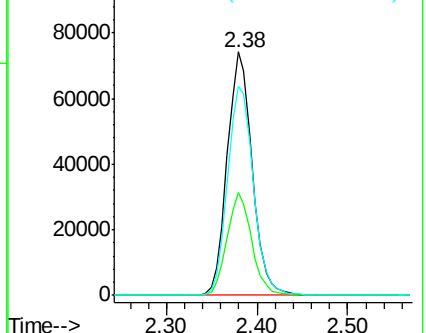
151 89.2 72.3 108.5



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: 26.79 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

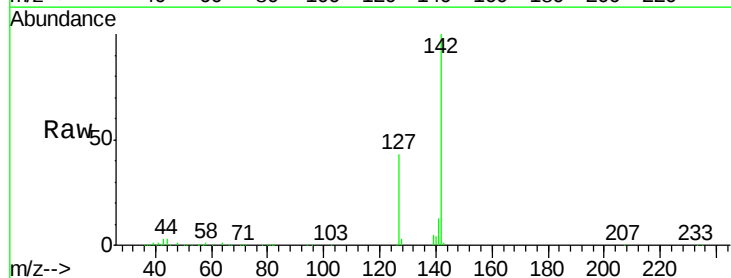
Tgt Ion:142 Resp: 107915

Ion Ratio Lower Upper

142 100

127 42.3 33.6 50.4

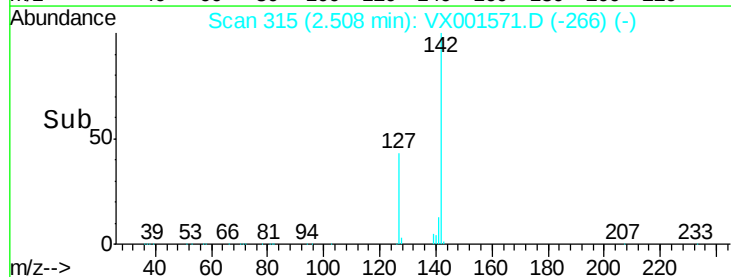
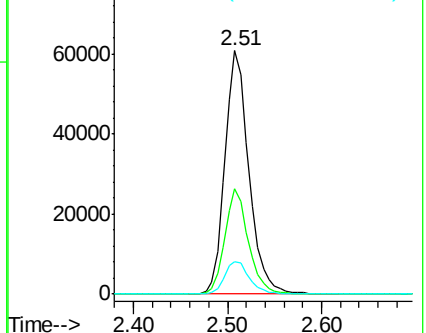
141 14.0 11.4 17.2

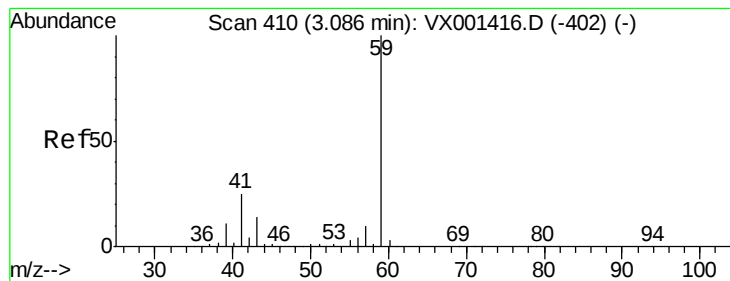


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



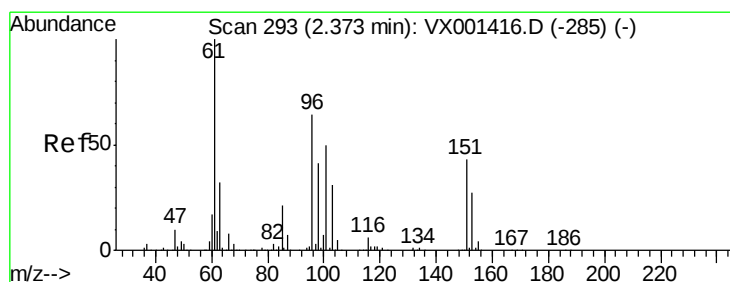
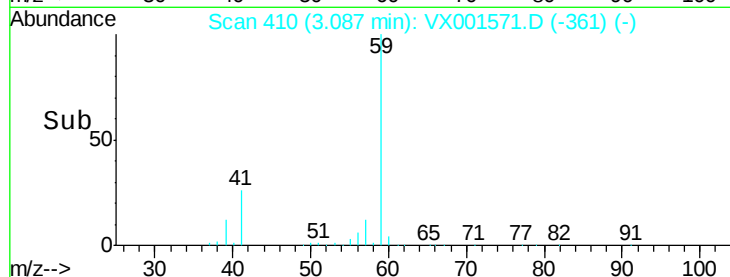
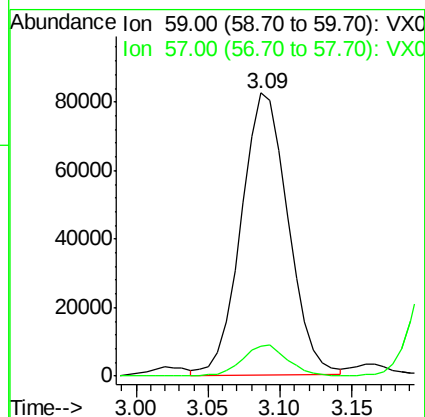
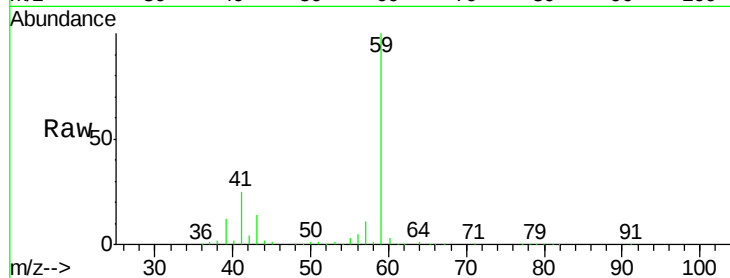


#11

Tert butyl alcohol
 Concen: 265.32 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

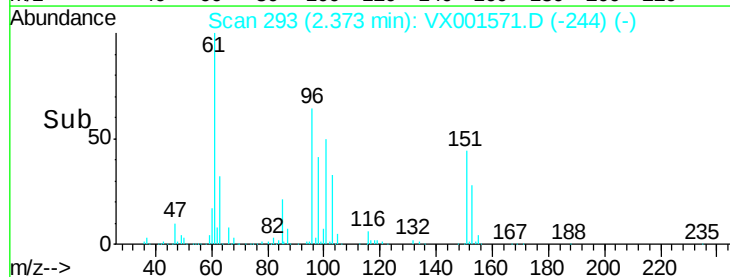
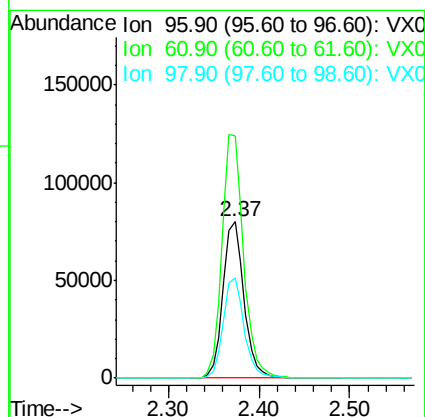
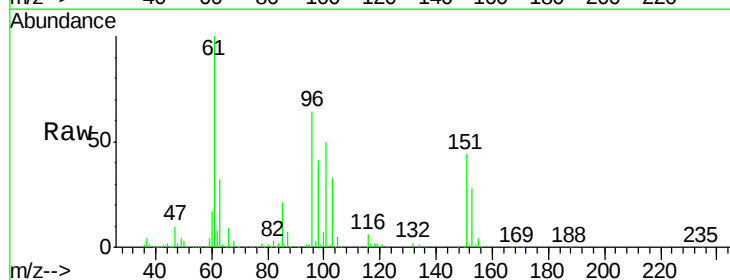
Tgt Ion: 59 Resp: 185899
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 50.88 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

Tgt Ion: 96 Resp: 130164
 Ion Ratio Lower Upper
 96 100
 61 155.1 125.7 188.5
 98 64.1 52.0 78.0





#13

Acrolein

Concen: 219.41 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

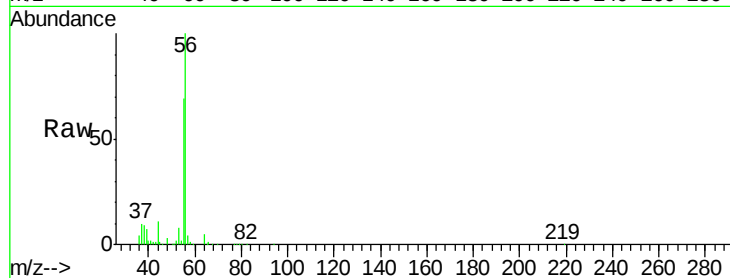
VSTDCCC050EC

Tgt Ion: 56 Resp: 30502

Ion Ratio Lower Upper

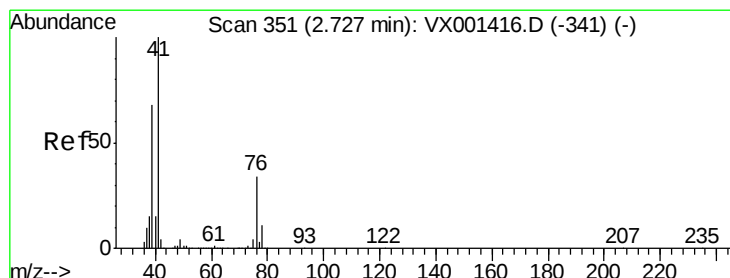
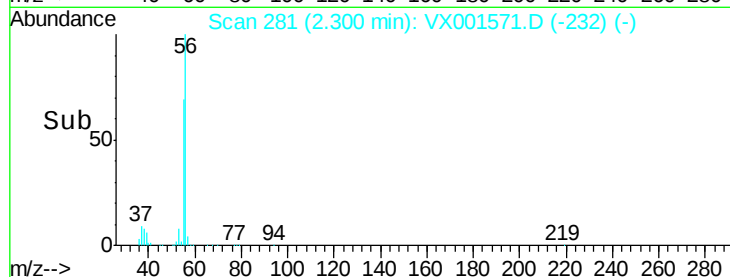
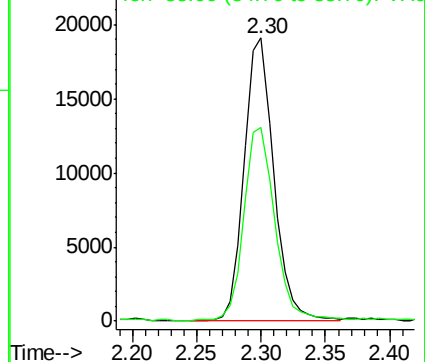
56 100

55 72.0 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: 51.45 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

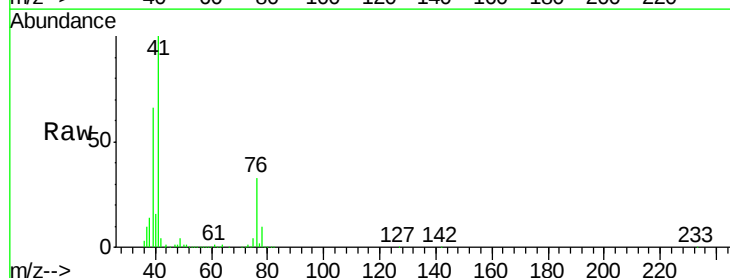
Tgt Ion: 41 Resp: 245419

Ion Ratio Lower Upper

41 100

39 64.5 52.4 78.6

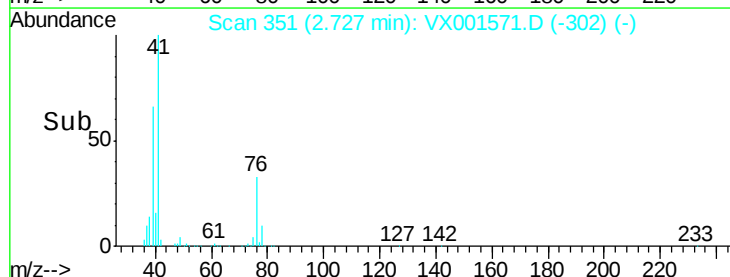
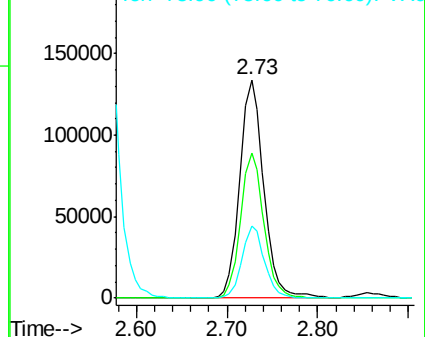
76 31.4 25.8 38.6

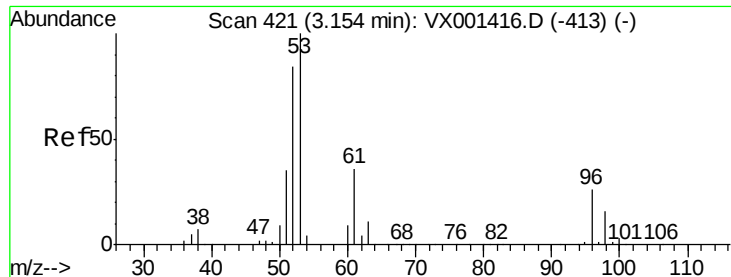


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 265.03 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

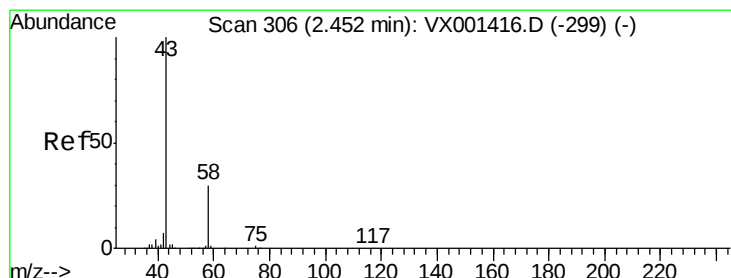
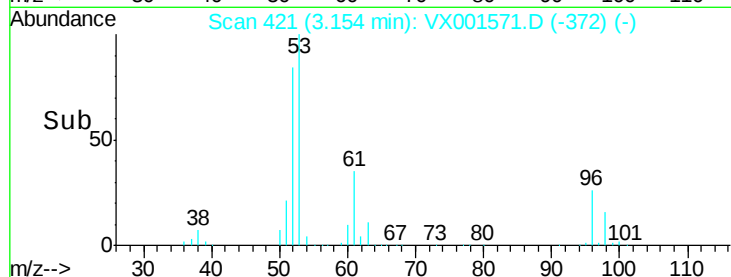
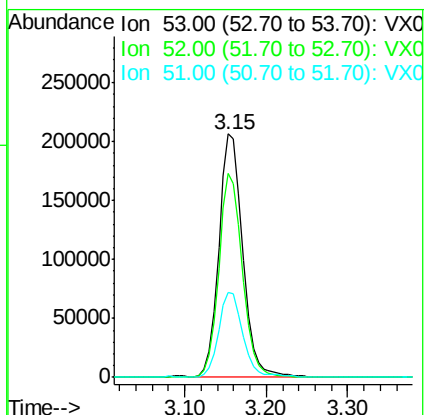
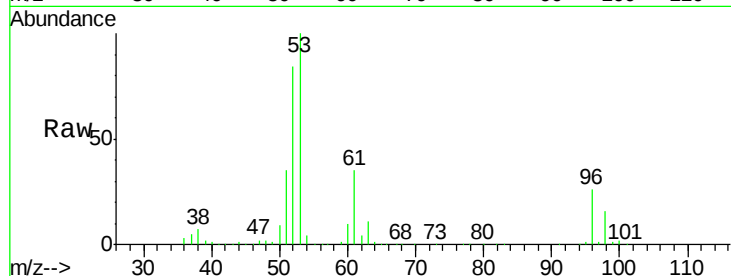
Tgt Ion: 53 Resp: 419623

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.2

51 35.9 28.6 43.0



#16

Acetone

Concen: 250.74 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001571.D

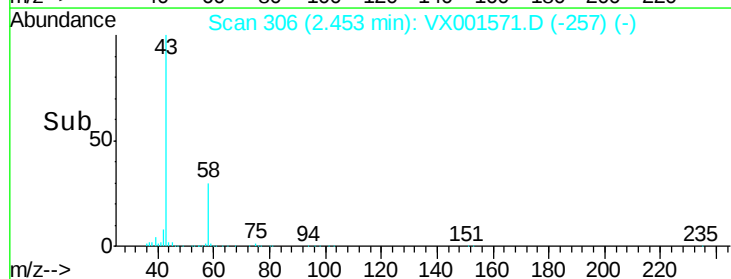
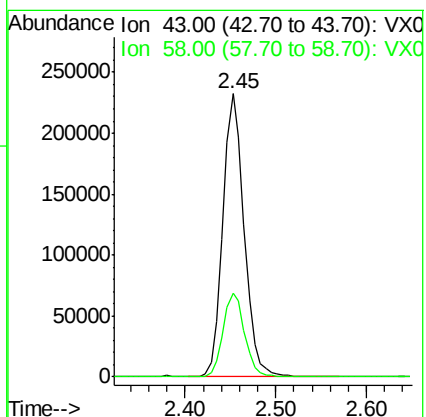
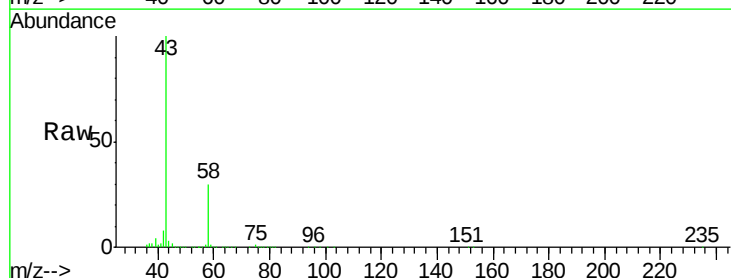
Acq: 09 May 2018 22:27

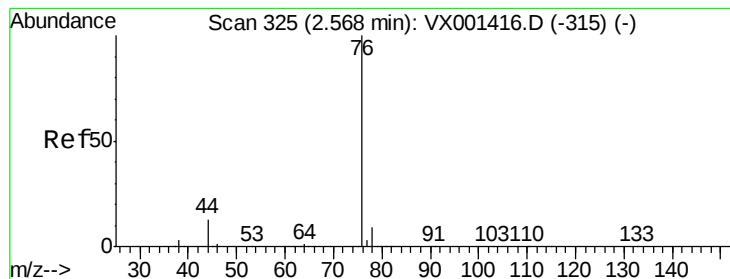
Tgt Ion: 43 Resp: 378370

Ion Ratio Lower Upper

43 100

58 29.8 23.8 35.8





#17

Carbon Disulfide

Concen: 48.50 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

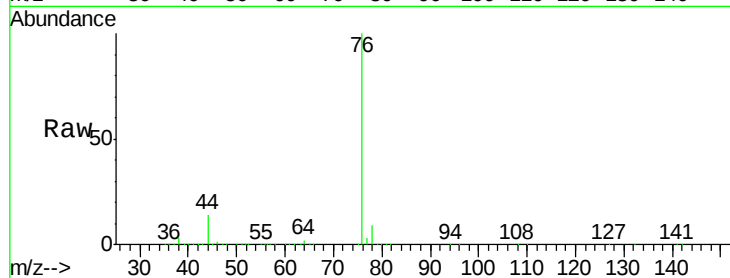
VSTDCCC050EC

Tgt Ion: 76 Resp: 315800

Ion Ratio Lower Upper

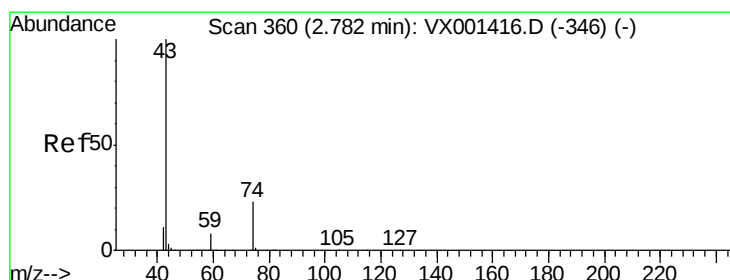
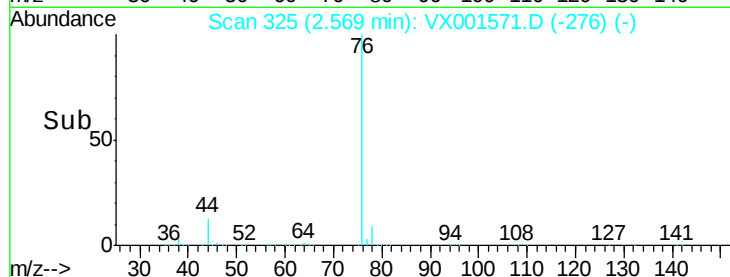
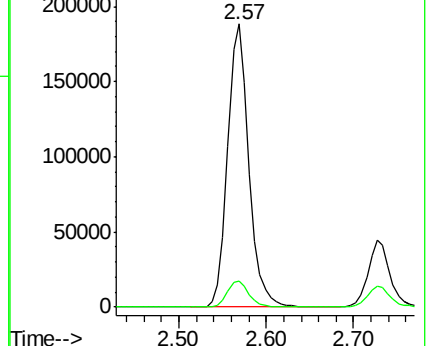
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 57.11 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001571.D

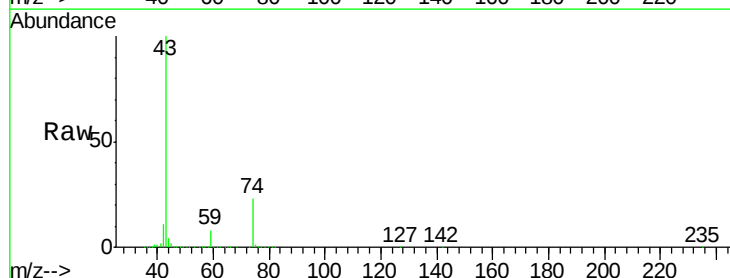
Acq: 09 May 2018 22:27

Tgt Ion: 43 Resp: 226415

Ion Ratio Lower Upper

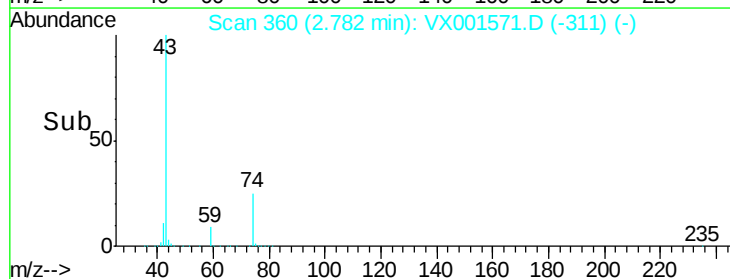
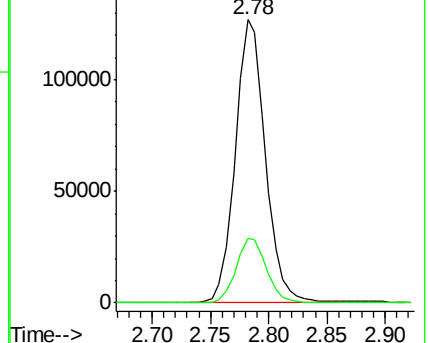
43 100

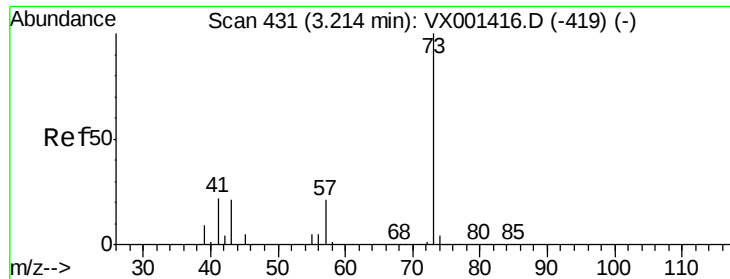
74 23.2 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

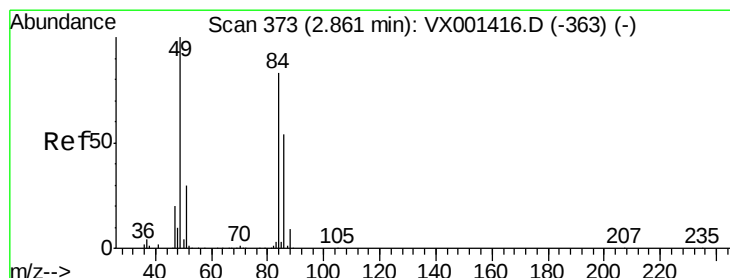
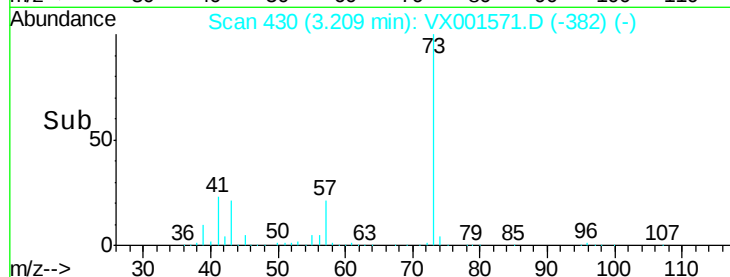
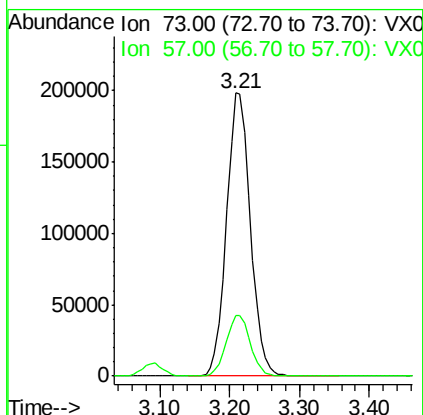
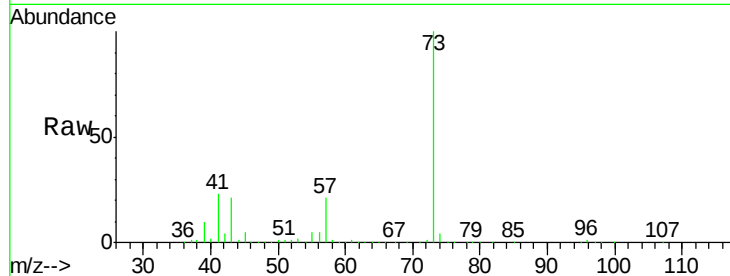




#19
Methyl tert-butyl Ether
Concen: 52.72 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

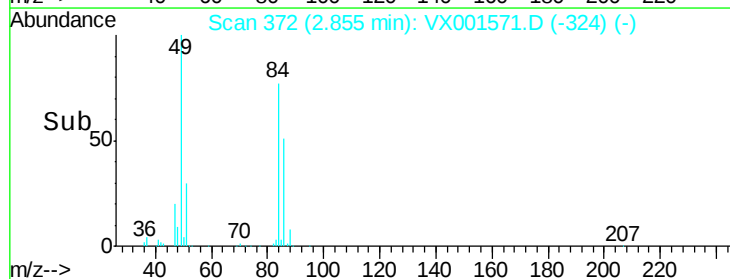
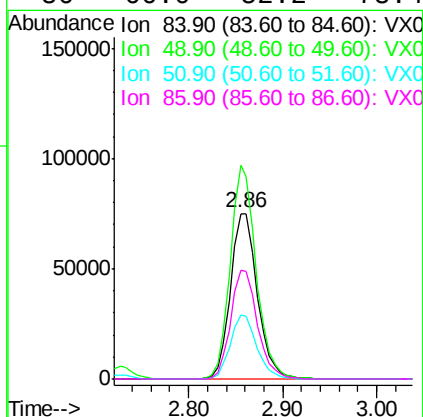
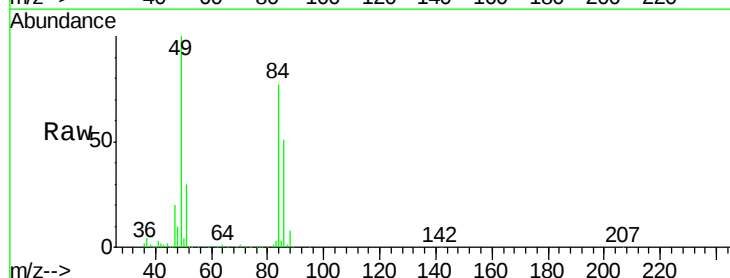
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

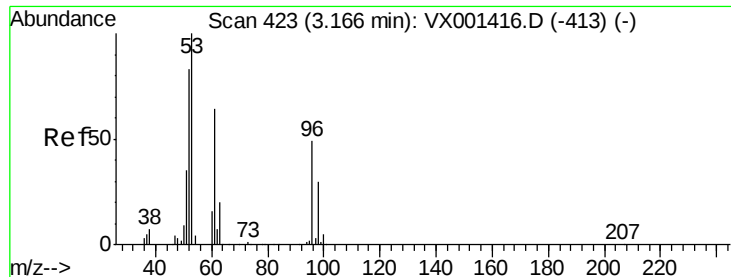
Tgt Ion: 73 Resp: 469603
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.6



#20
Methylene Chloride
Concen: 49.81 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

Tgt Ion: 84 Resp: 148806
Ion Ratio Lower Upper
84 100
49 129.1 96.6 144.8
51 38.6 29.0 43.4
86 66.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 48.85 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

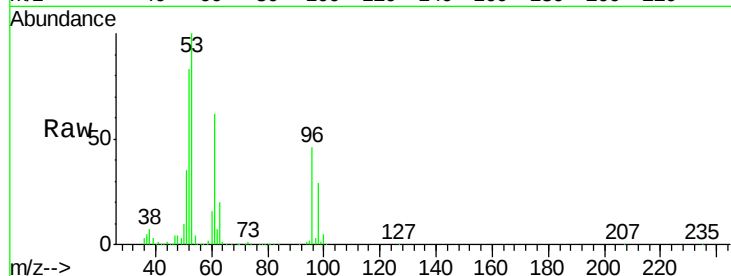
Tgt Ion: 96 Resp: 139469

Ion Ratio Lower Upper

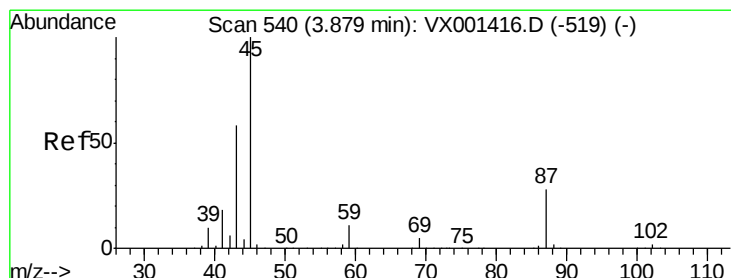
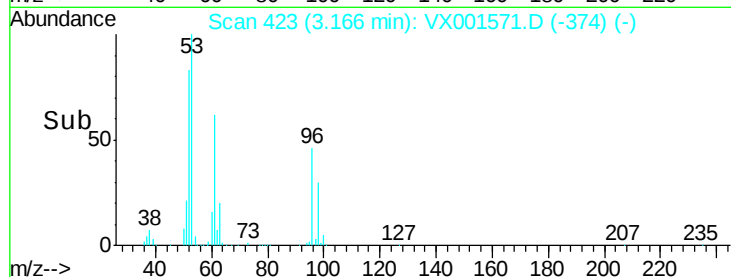
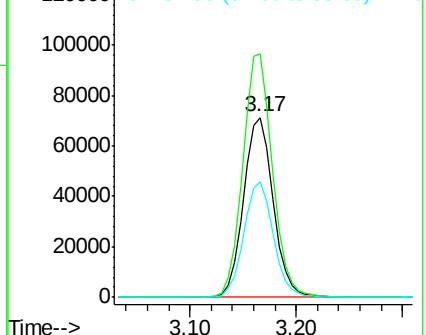
96 100

61 135.1 105.0 157.4

98 64.5 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: 51.90 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Tgt Ion: 45 Resp: 462525

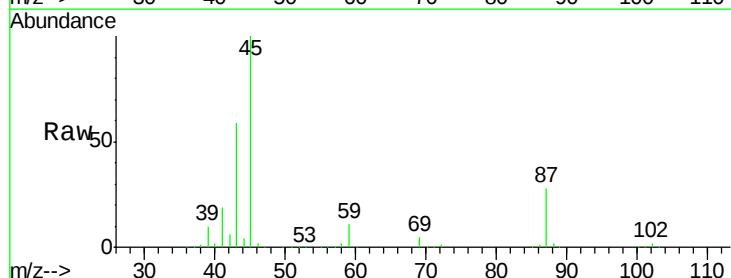
Ion Ratio Lower Upper

45 100

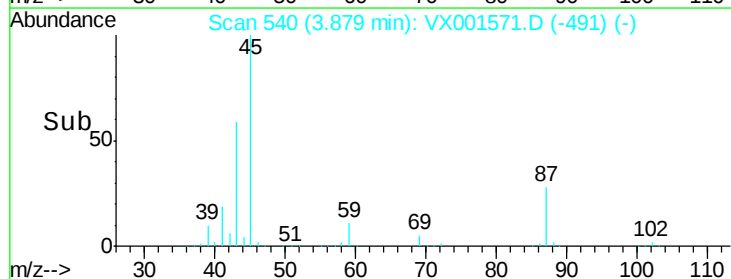
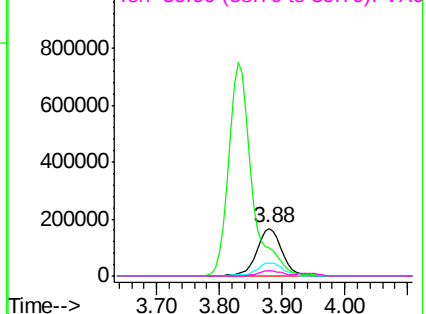
43 59.2 46.5 69.7

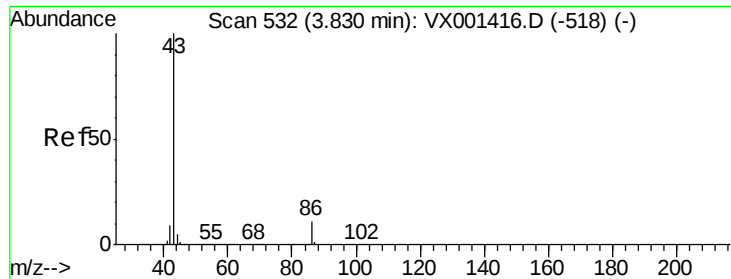
87 27.9 22.6 34.0

59 11.4 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: 260.32 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

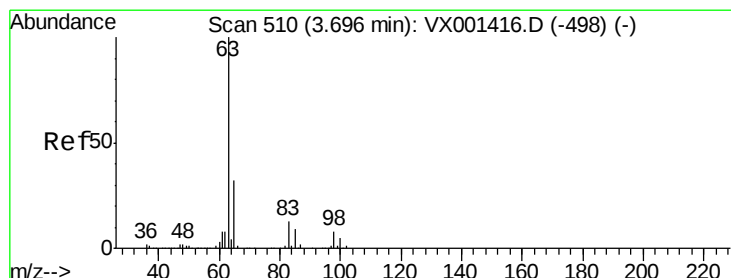
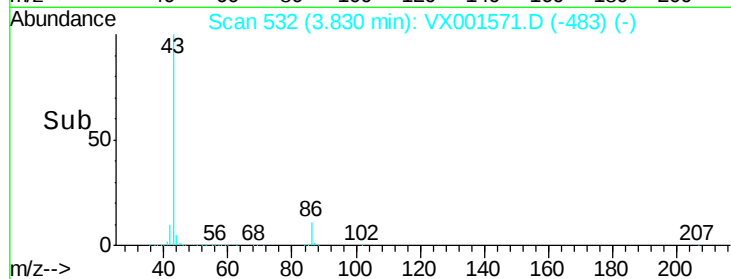
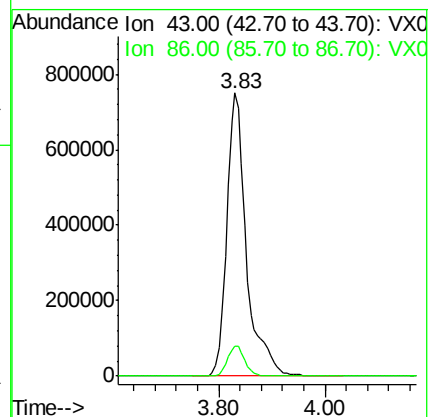
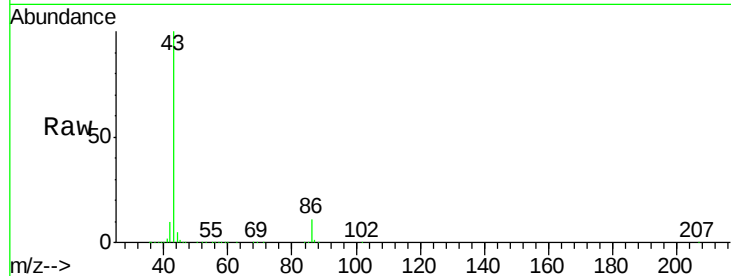
VSTDCCC050EC

Tgt Ion: 43 Resp: 1933628

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 53.33 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

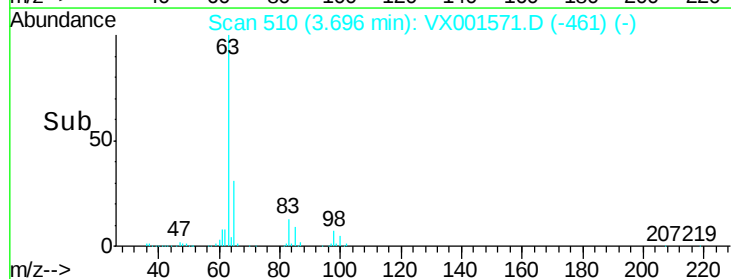
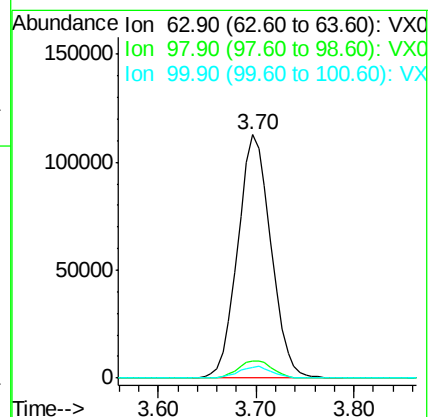
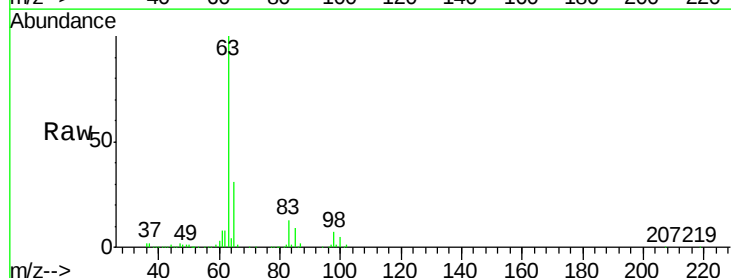
Tgt Ion: 63 Resp: 265521

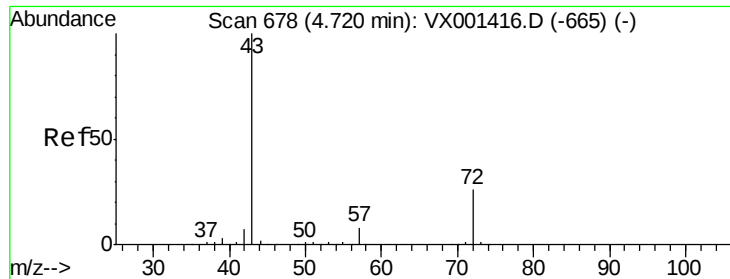
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 261.31 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

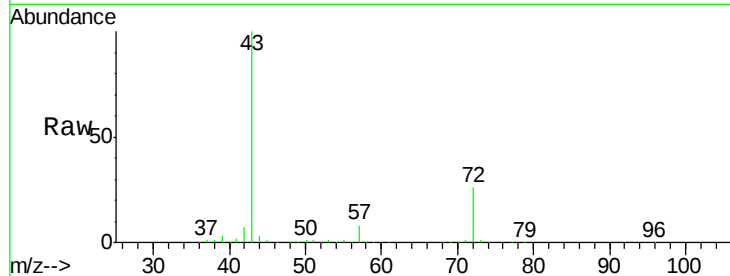
VSTDCCC050EC

Tgt Ion: 43 Resp: 569987

Ion Ratio Lower Upper

43 100

72 25.5 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.72

200000

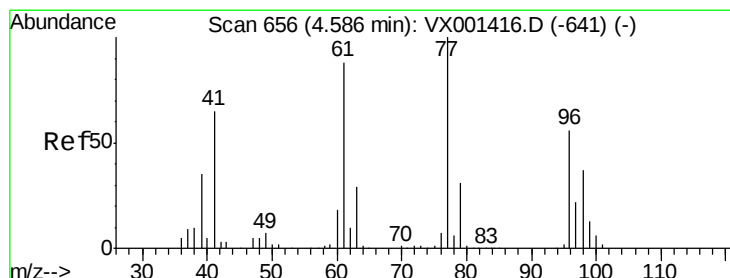
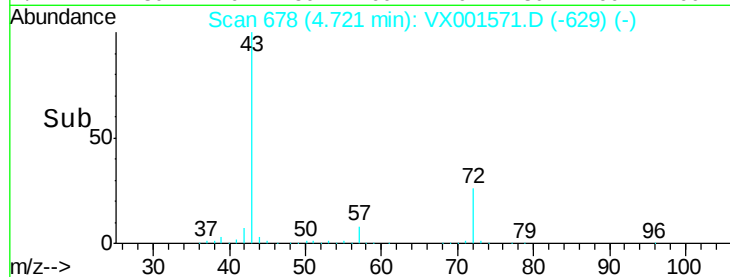
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 42.48 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001571.D

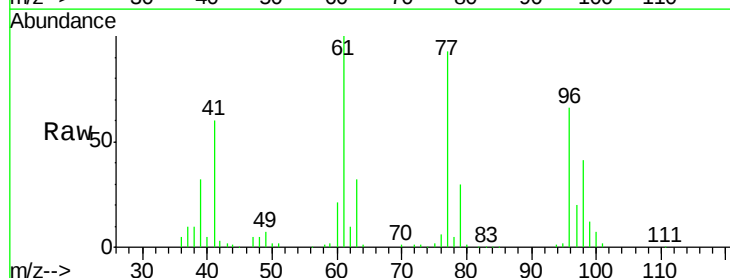
Acq: 09 May 2018 22:27

Tgt Ion: 77 Resp: 163327

Ion Ratio Lower Upper

77 100

97 23.4 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

60000

50000

40000

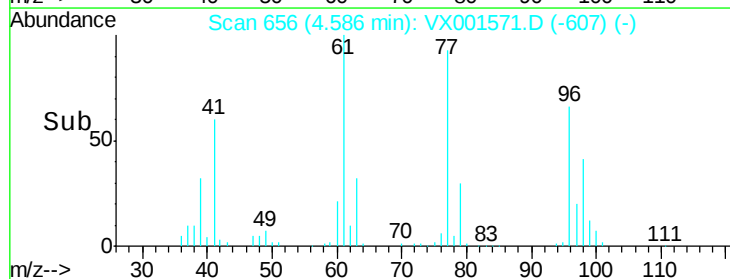
30000

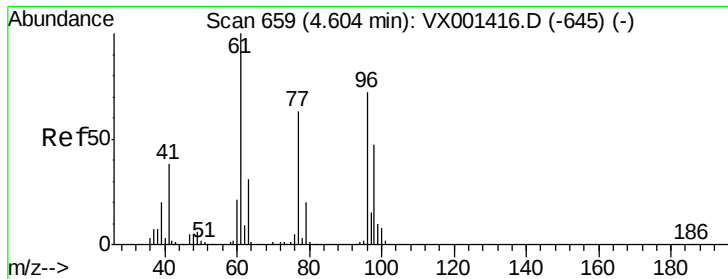
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.91 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

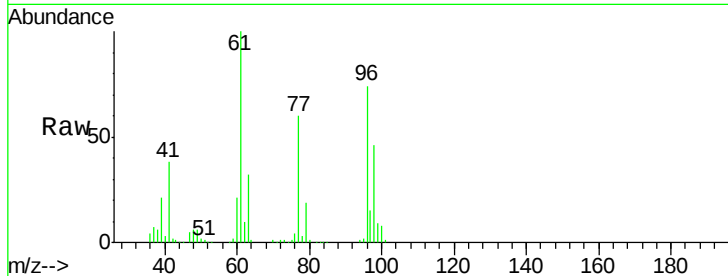
Tgt Ion: 96 Resp: 154821

Ion Ratio Lower Upper

96 100

61 143.3 0.0 301.6

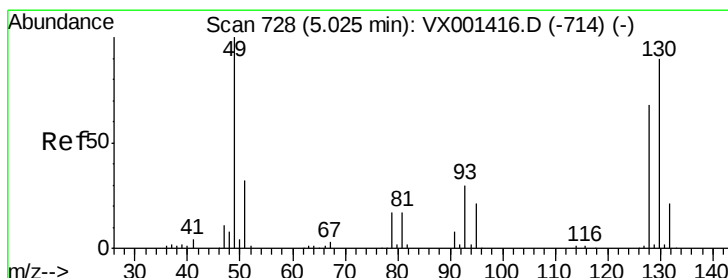
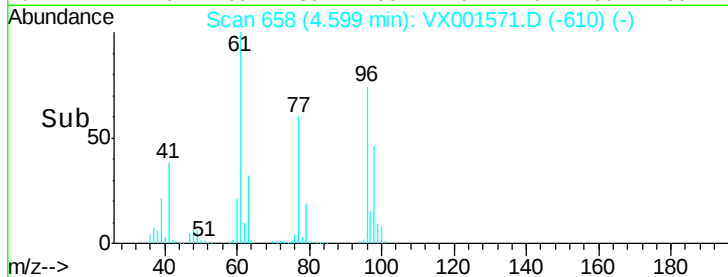
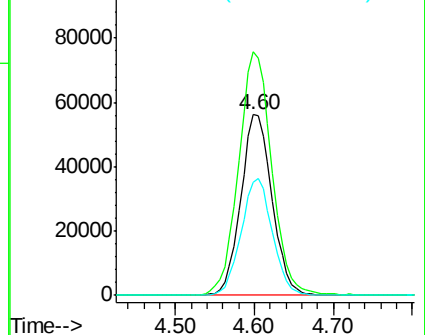
98 64.7 0.0 131.6



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: 53.43 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

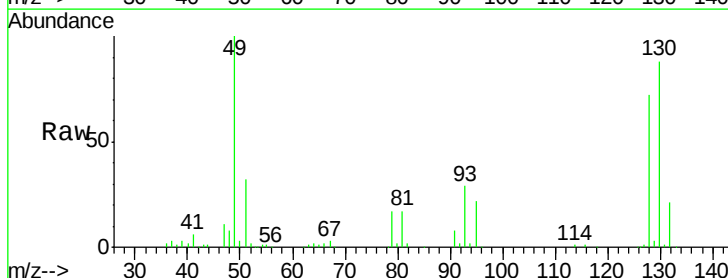
Tgt Ion: 49 Resp: 115336

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

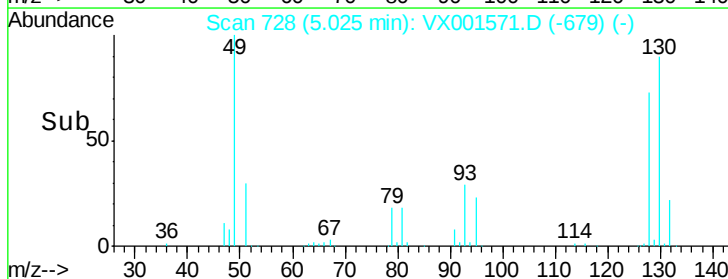
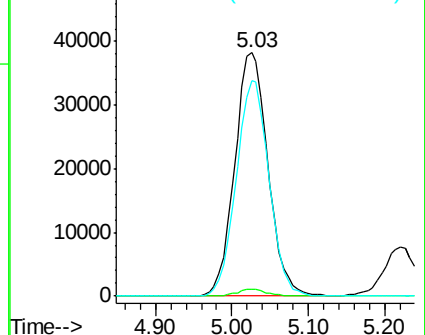
130 87.1 71.9 107.9

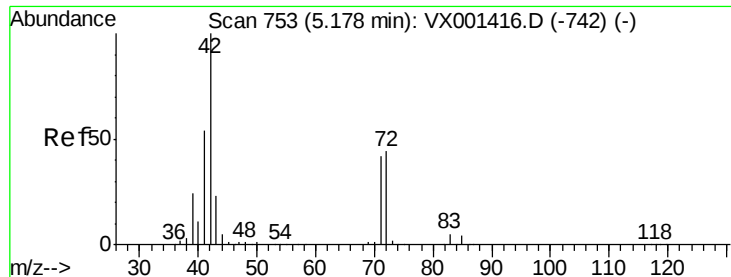


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 264.71 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

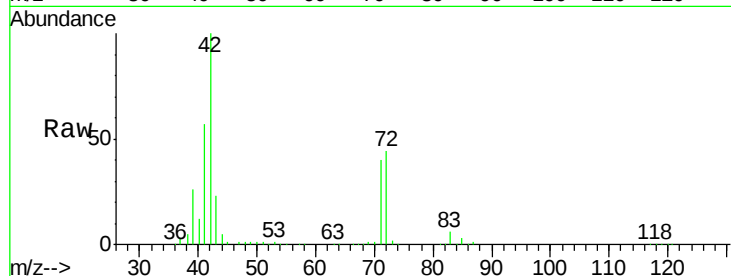
Tgt Ion: 42 Resp: 369436

Ion Ratio Lower Upper

42 100

72 44.5 35.4 53.2

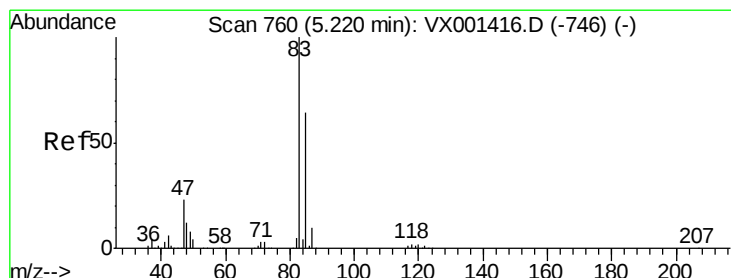
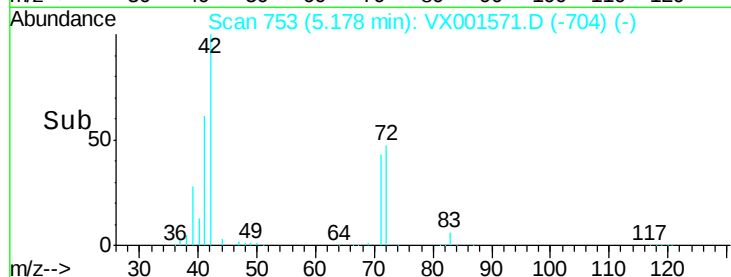
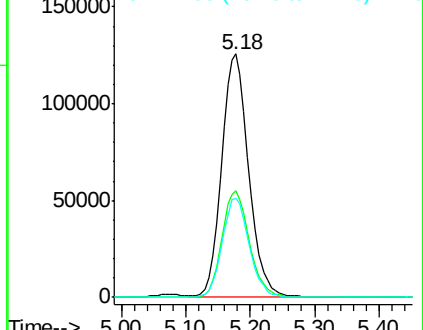
71 41.0 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 53.47 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001571.D

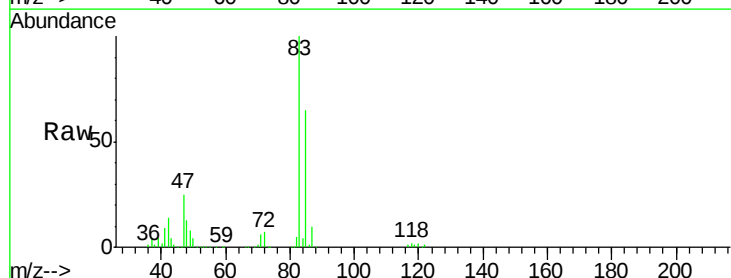
Acq: 09 May 2018 22:27

Tgt Ion: 83 Resp: 274219

Ion Ratio Lower Upper

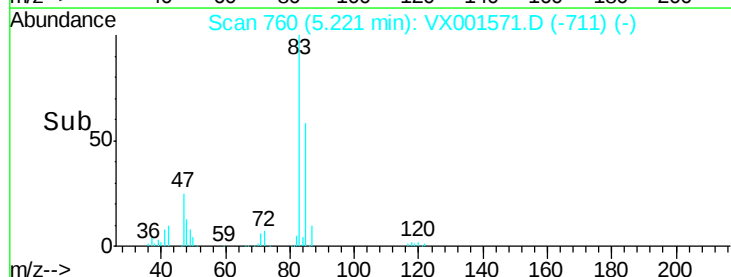
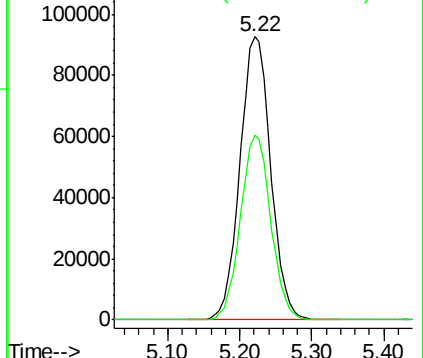
83 100

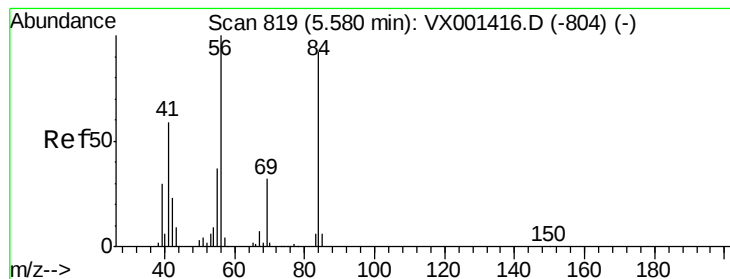
85 65.3 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.33 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

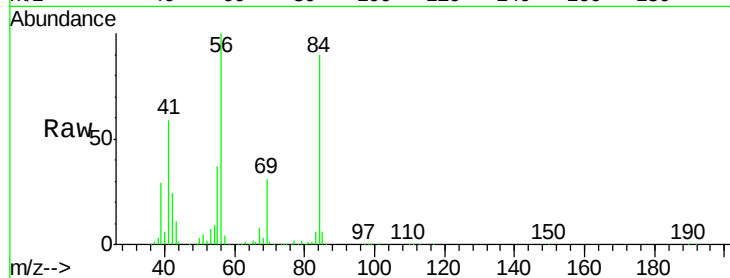
Tgt Ion: 56 Resp: 215196

Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.0

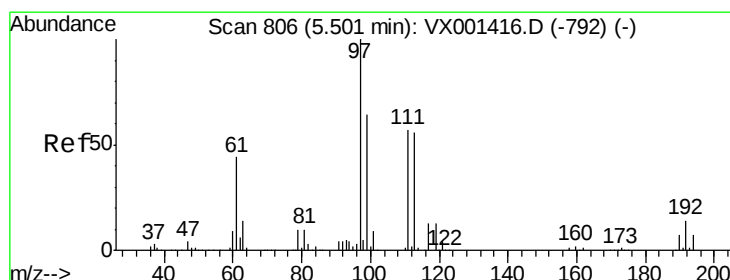
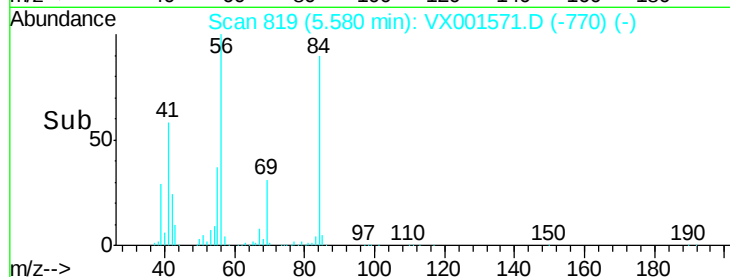
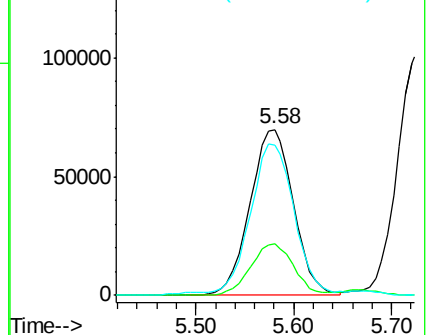
84 88.2 73.8 110.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 54.01 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

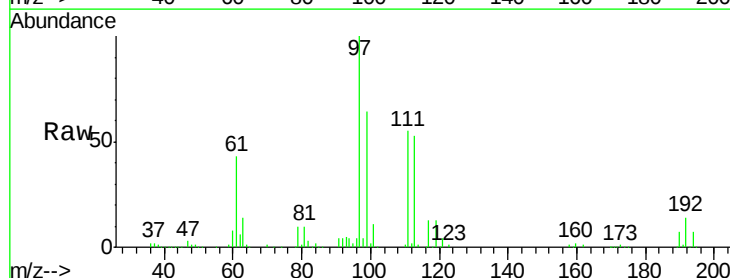
Tgt Ion: 97 Resp: 242071

Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

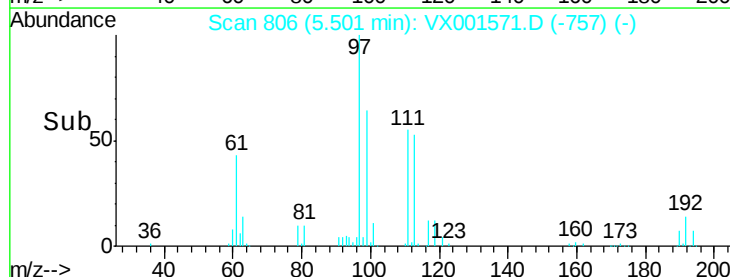
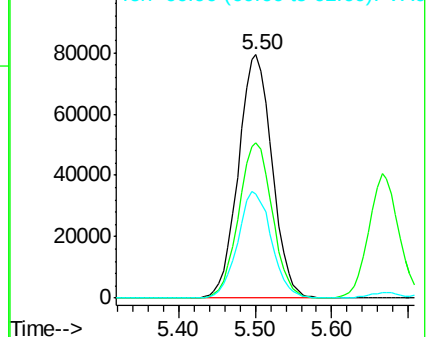
61 43.9 34.8 52.2

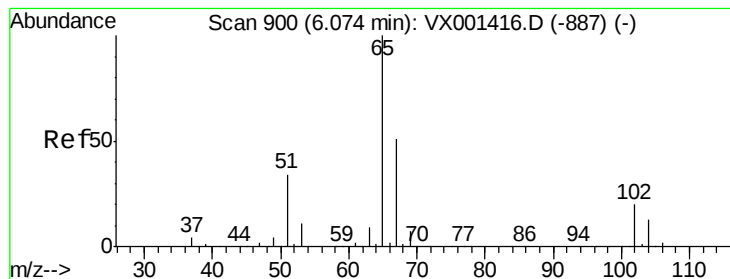


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.44 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

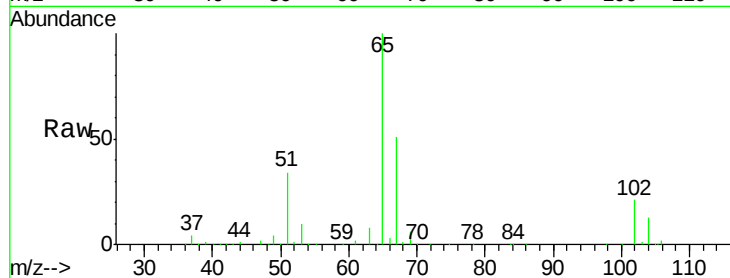
VSTDCCC050EC

Tgt Ion: 65 Resp: 160991

Ion Ratio Lower Upper

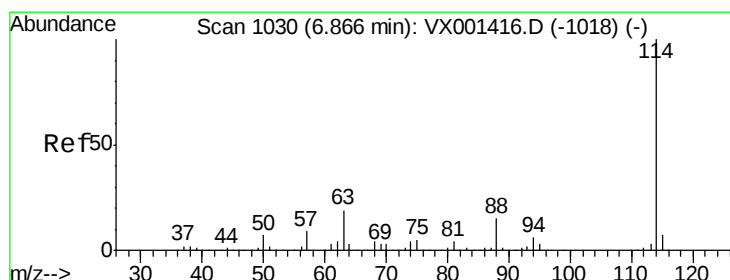
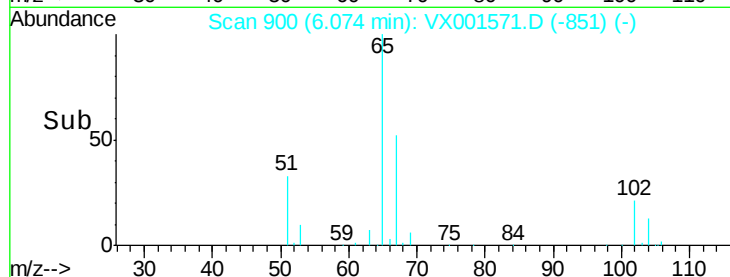
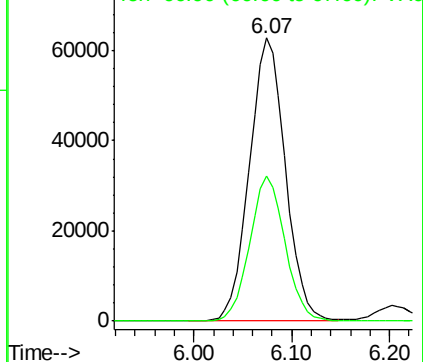
65 100

67 50.3 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

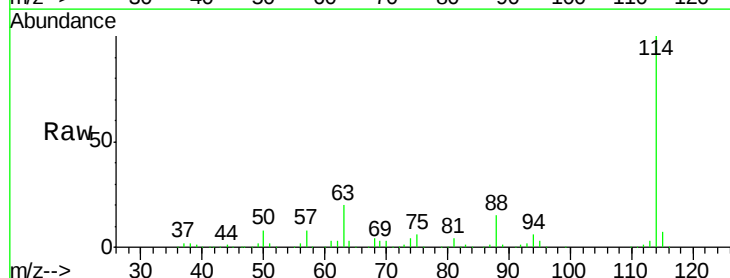
Tgt Ion: 114 Resp: 302692

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

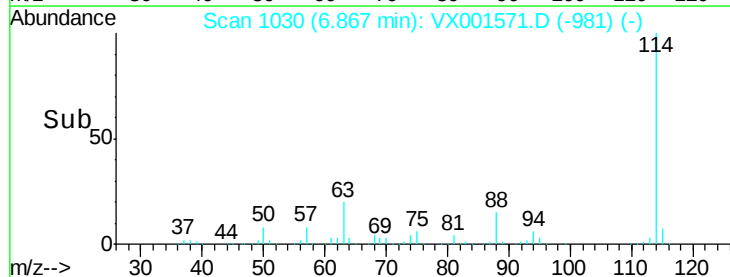
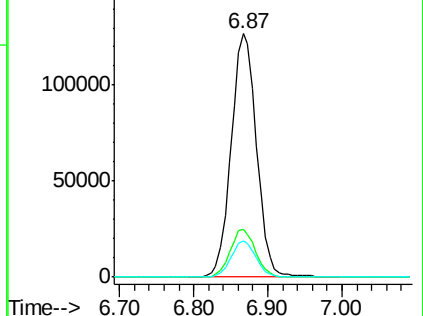
88 15.0 0.0 30.8

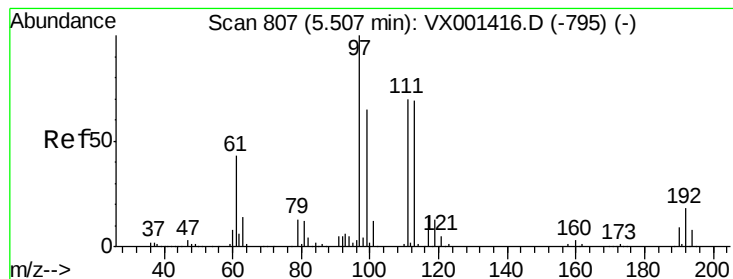


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.07 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

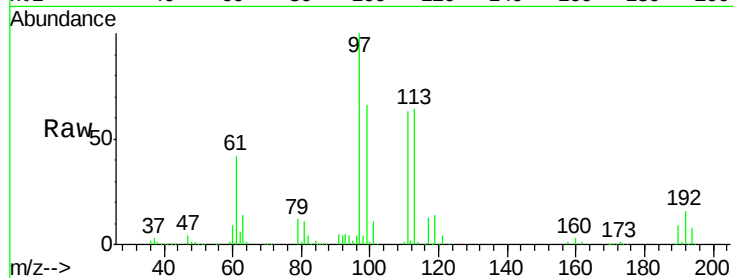
Tgt Ion:113 Resp: 132116

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

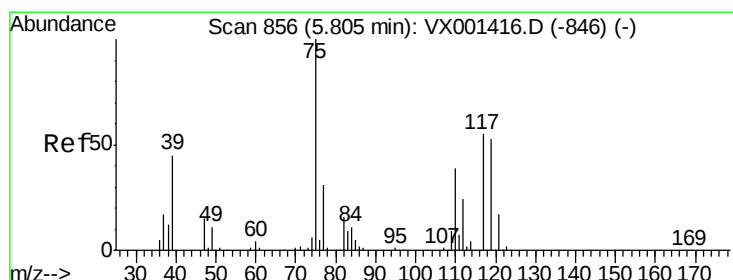
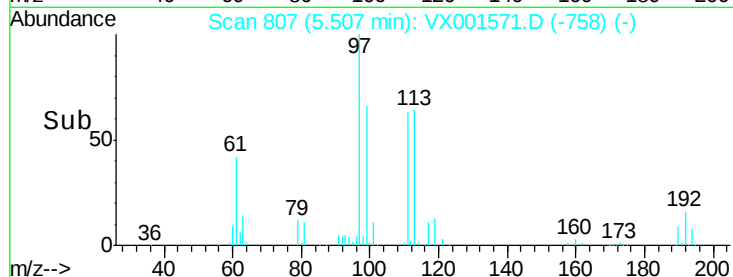
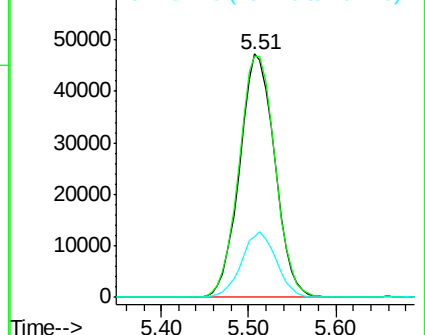
192 26.7 21.4 32.0



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: 49.34 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

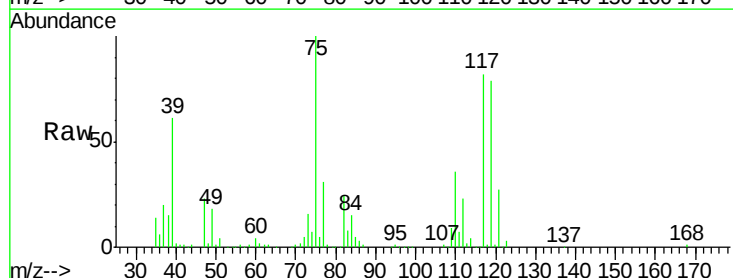
Tgt Ion: 75 Resp: 189960

Ion Ratio Lower Upper

75 100

110 36.9 18.9 56.7

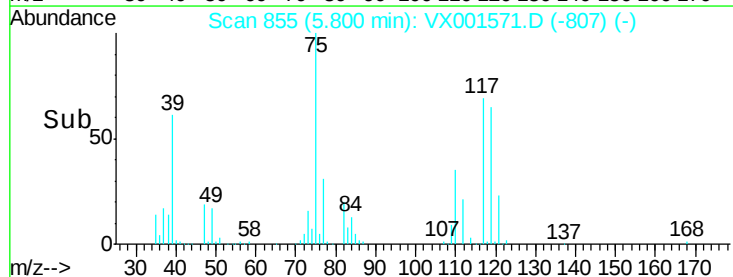
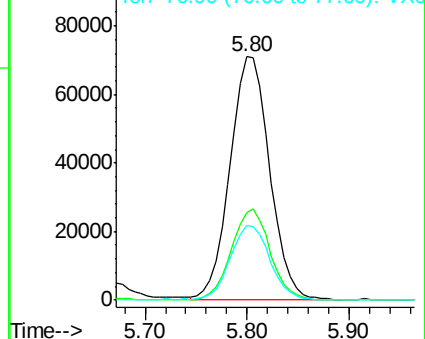
77 31.5 24.9 37.3

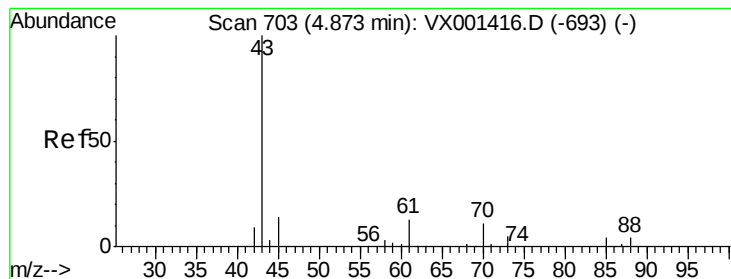


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.01 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

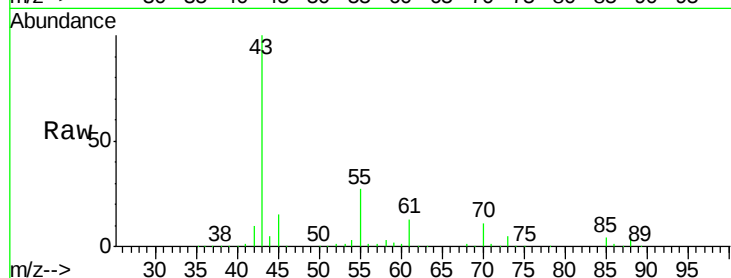
Tgt Ion: 43 Resp: 219539

Ion Ratio Lower Upper

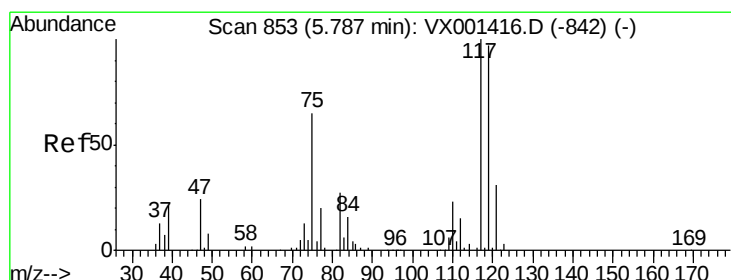
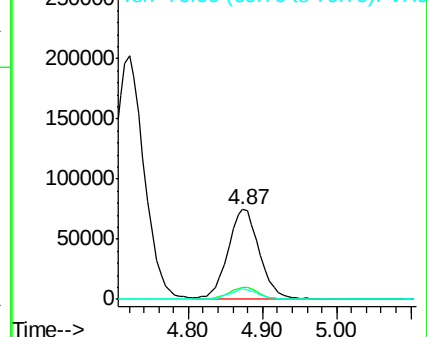
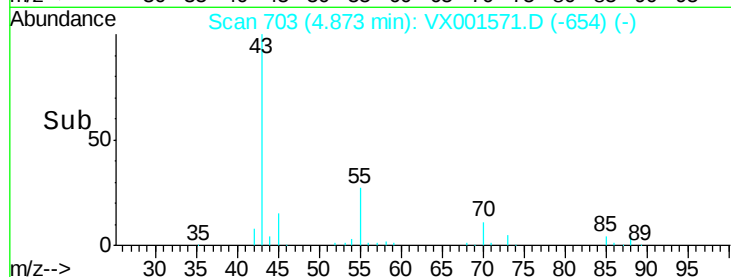
43 100

61 13.1 10.7 16.1

70 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX001571.D (-654) (-)



#38

Carbon Tetrachloride

Concen: 53.42 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

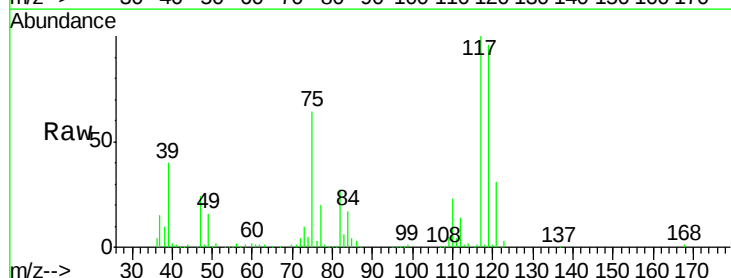
Tgt Ion: 117 Resp: 219350

Ion Ratio Lower Upper

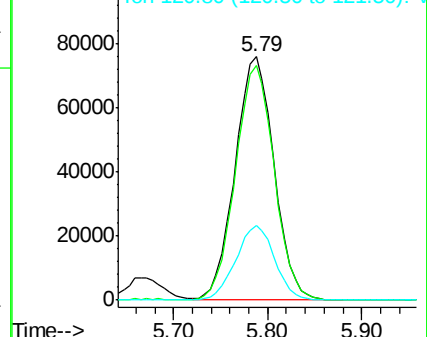
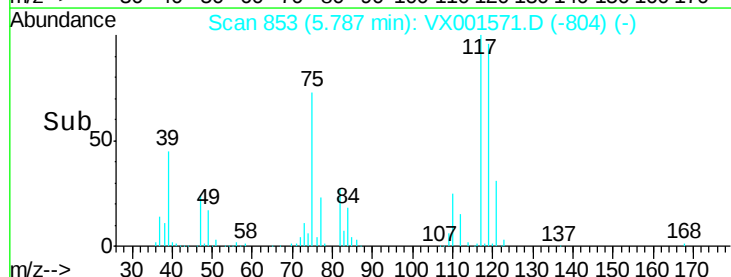
117 100

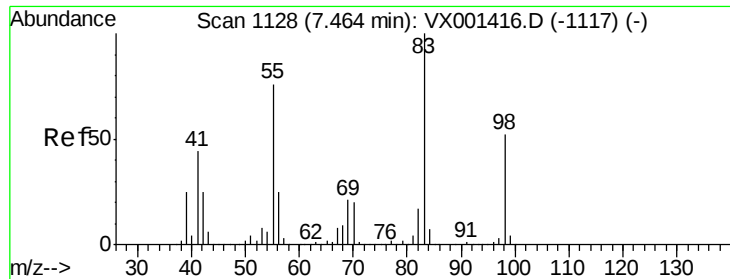
119 96.1 77.0 115.6

121 30.9 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): VX001571.D (-804) (-)

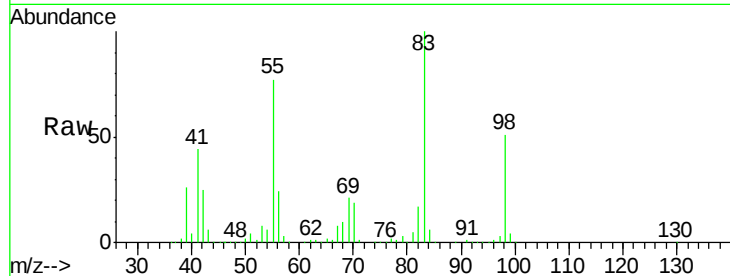




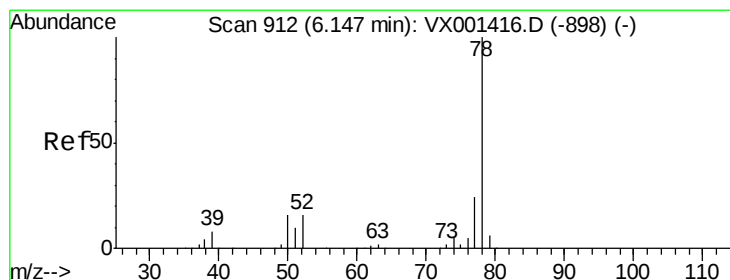
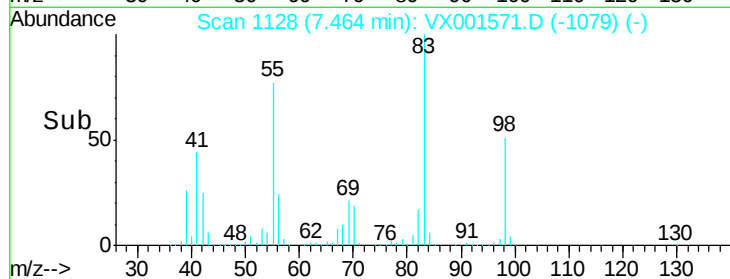
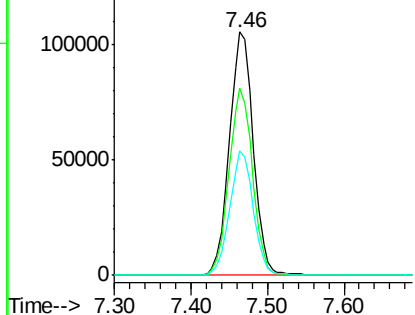
#39
Methylcyclohexane
Concen: 49.87 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 227031
Ion Ratio Lower Upper
83 100
55 76.8 60.9 91.3
98 51.1 41.9 62.9

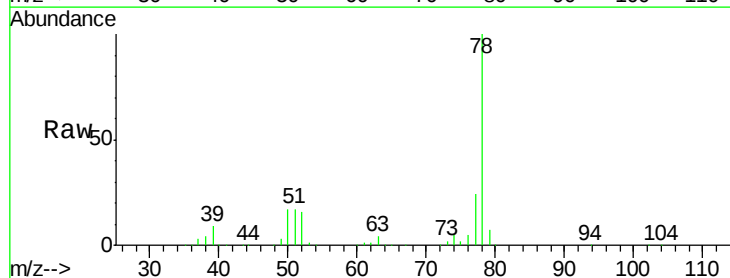


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

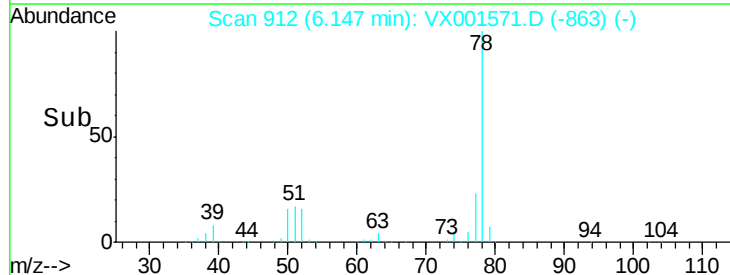
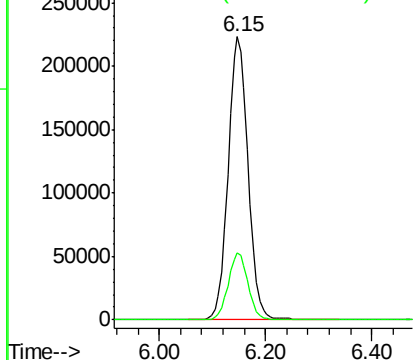


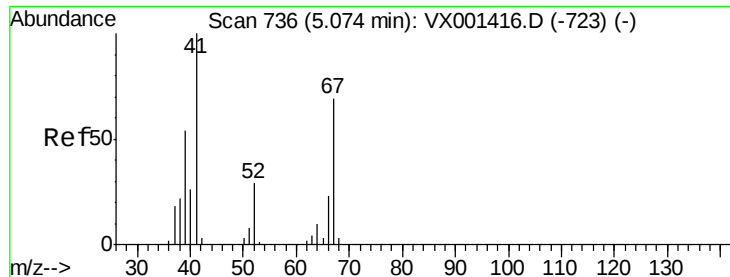
#40
Benzene
Concen: 51.82 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

Tgt Ion: 78 Resp: 582787
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.2



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





#41

Methacrylonitrile

Concen: 52.21 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 126086

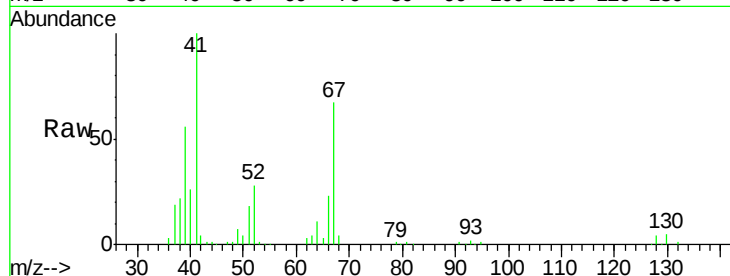
Ion Ratio Lower Upper

41 100

39 55.1 45.0 67.6

67 67.5 55.0 82.6

52 28.6 23.4 35.0

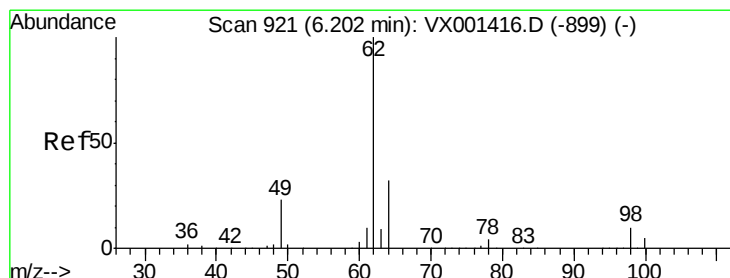
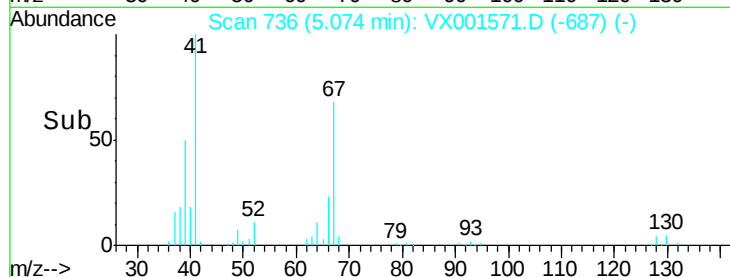
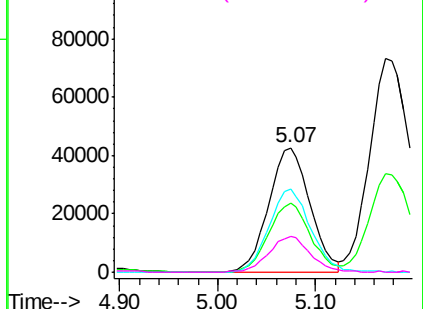


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.91 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX001571.D

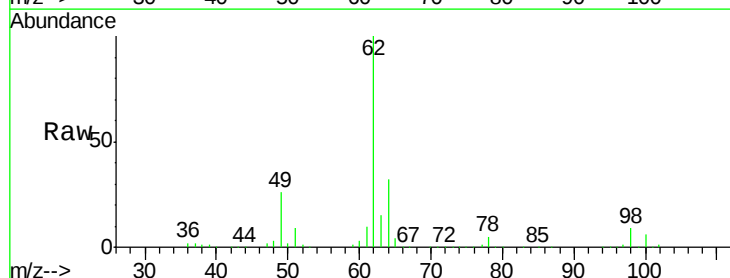
Acq: 09 May 2018 22:27

Tgt Ion: 62 Resp: 228706

Ion Ratio Lower Upper

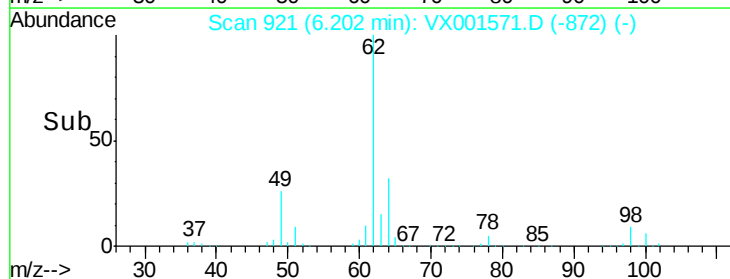
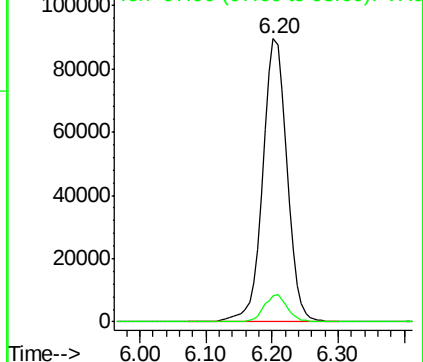
62 100

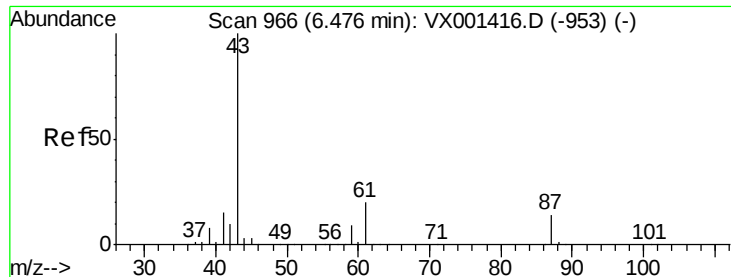
98 9.3 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.59 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

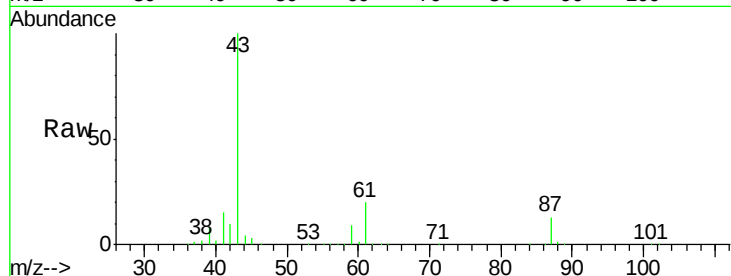
Tgt Ion: 43 Resp: 347221

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

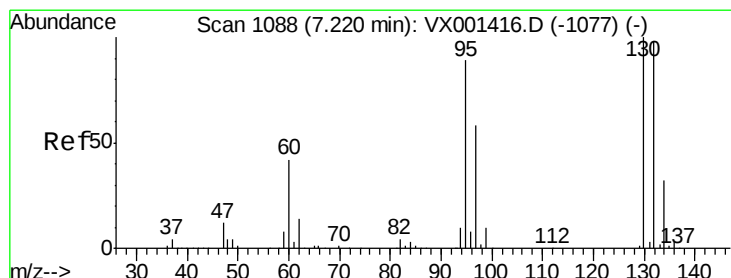
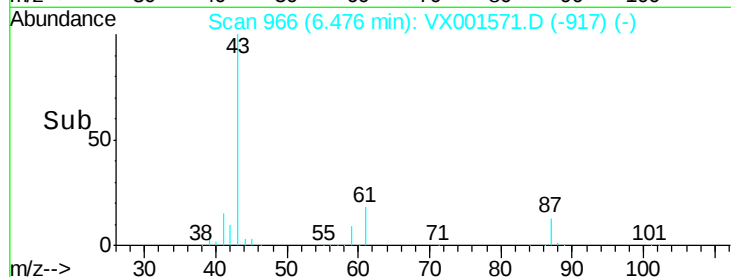
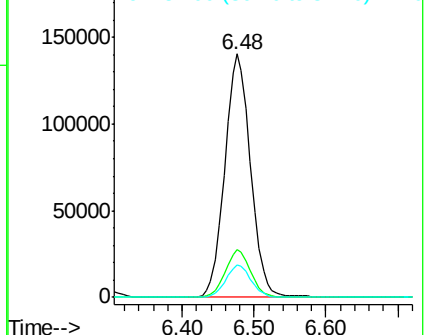
87 13.2 10.8 16.2



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: 51.04 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001571.D

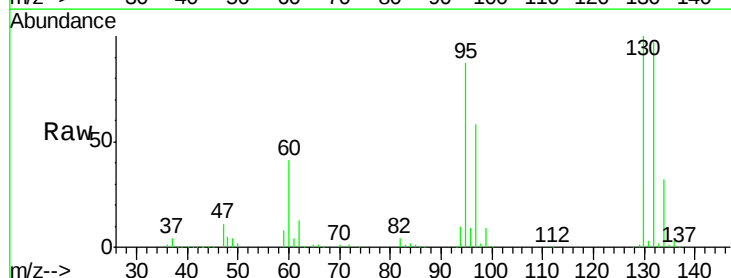
Acq: 09 May 2018 22:27

Tgt Ion: 130 Resp: 175432

Ion Ratio Lower Upper

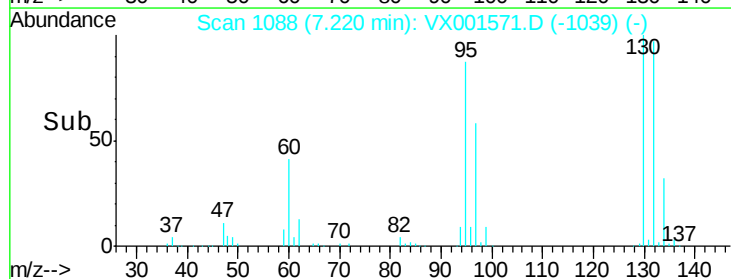
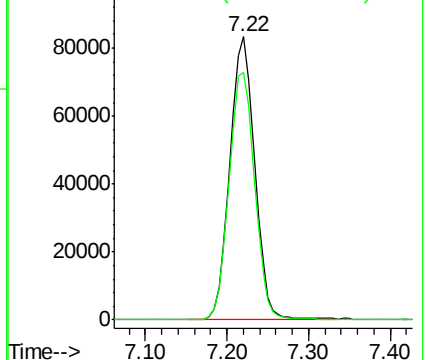
130 100

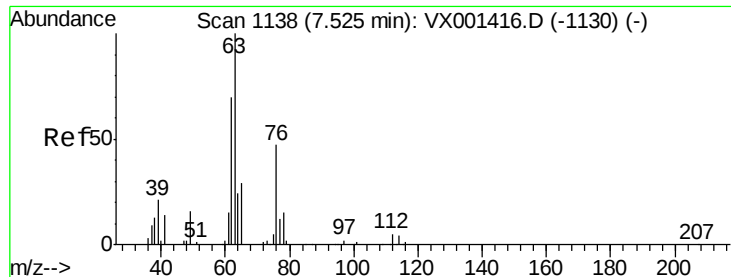
95 87.4 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.77 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

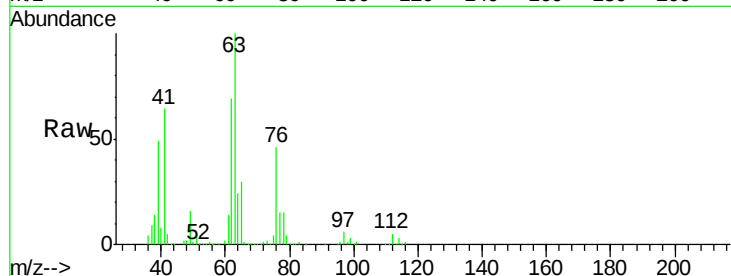
VSTDCCC050EC

Tgt Ion: 63 Resp: 145149

Ion Ratio Lower Upper

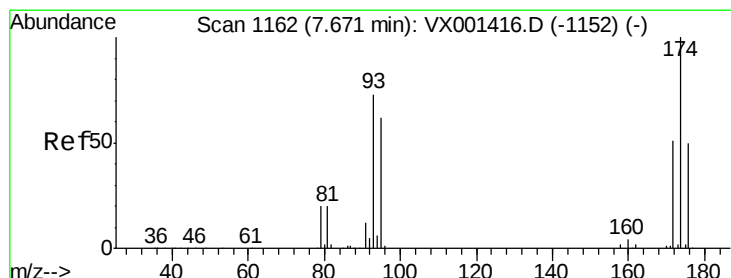
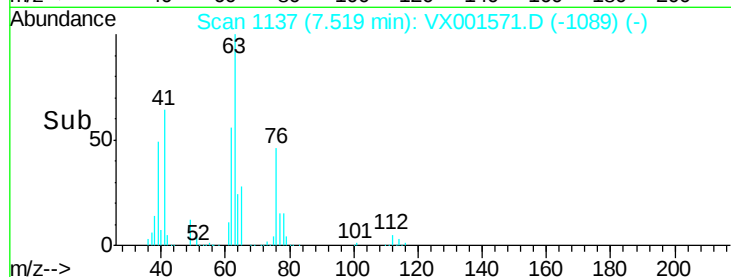
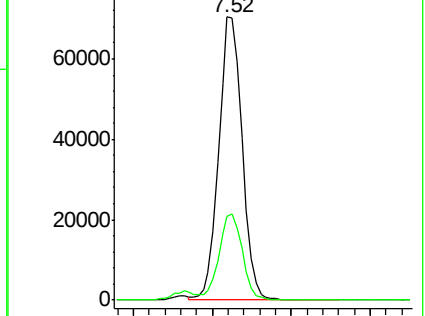
63 100

65 29.7 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.80 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

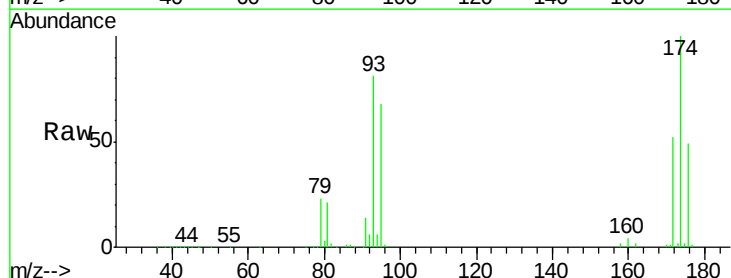
Tgt Ion: 93 Resp: 102823

Ion Ratio Lower Upper

93 100

95 82.9 67.0 100.4

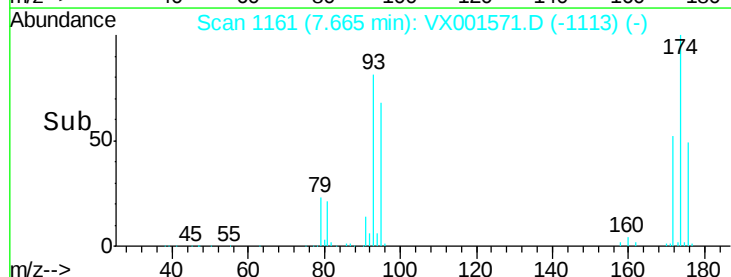
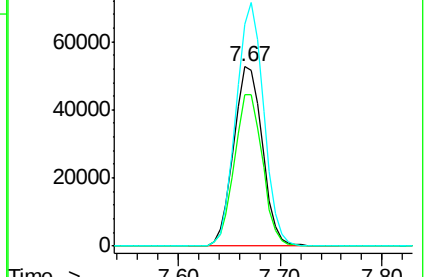
174 130.6 104.5 156.7

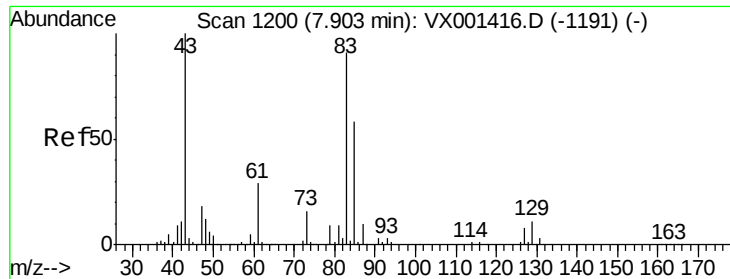


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.29 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

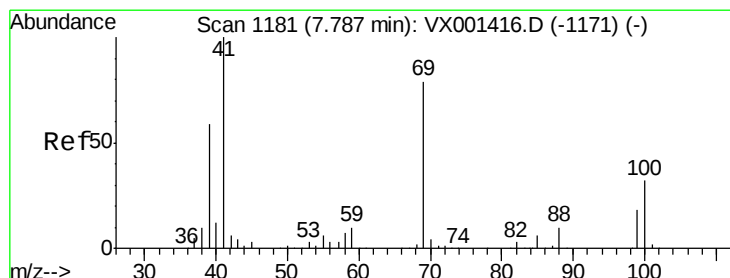
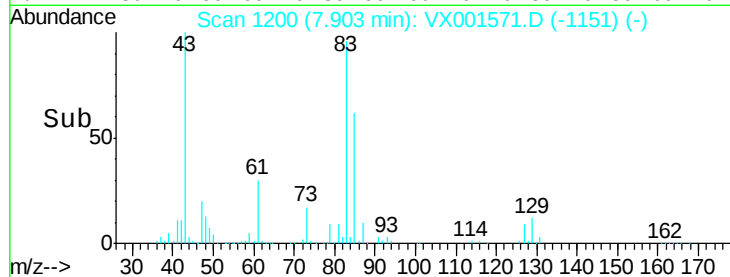
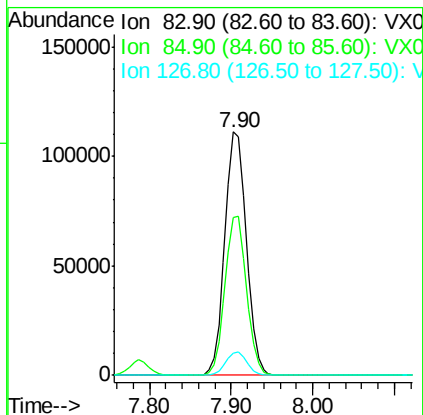
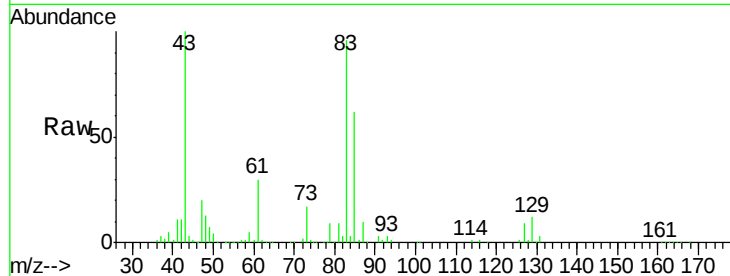
Tgt Ion: 83 Resp: 203108

Ion Ratio Lower Upper

83 100

85 64.5 51.0 76.6

127 9.1 7.4 11.2



#48

Methyl methacrylate

Concen: 53.59 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

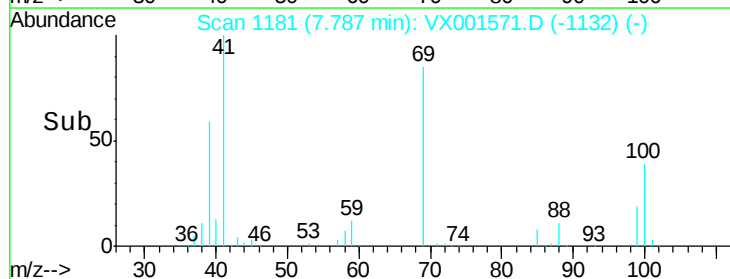
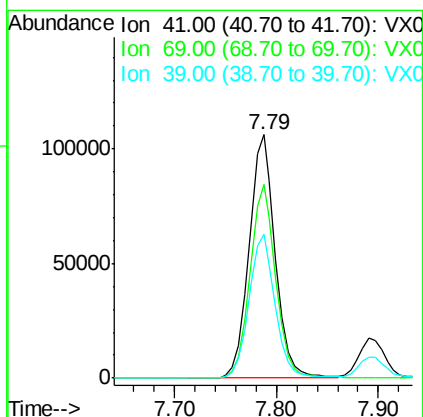
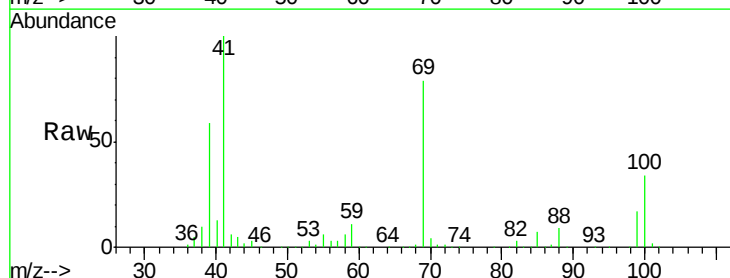
Tgt Ion: 41 Resp: 189066

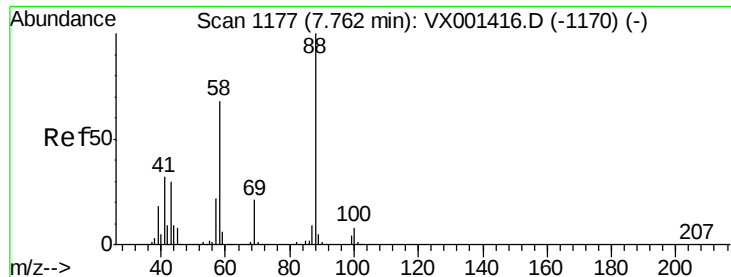
Ion Ratio Lower Upper

41 100

69 79.1 63.4 95.2

39 59.0 47.0 70.4





#49

1,4-Dioxane

Concen: 1039.21 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

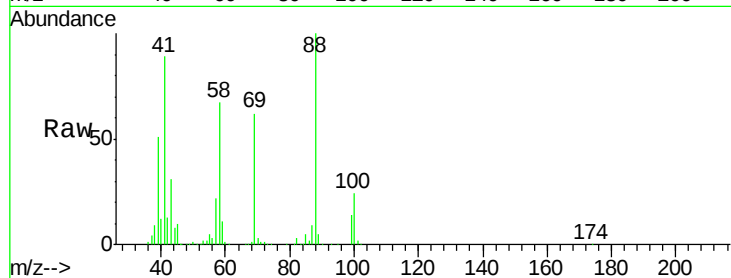
Tgt Ion: 88 Resp: 79212

Ion Ratio Lower Upper

88 100

43 34.7 26.4 39.6

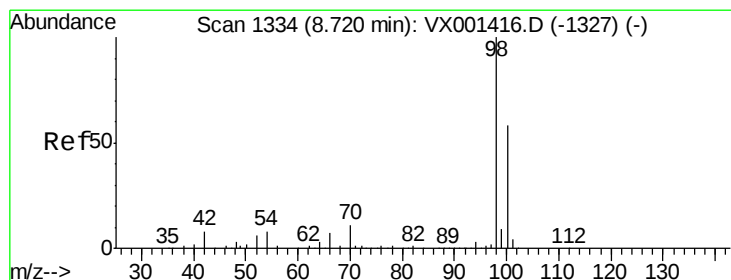
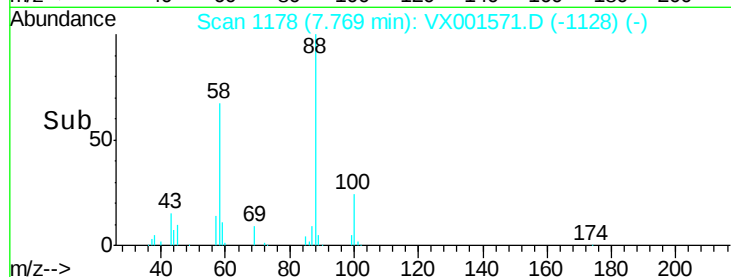
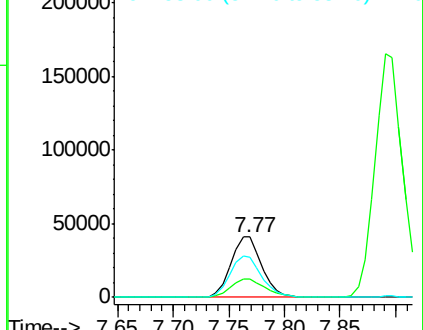
58 70.0 54.1 81.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.69 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001571.D

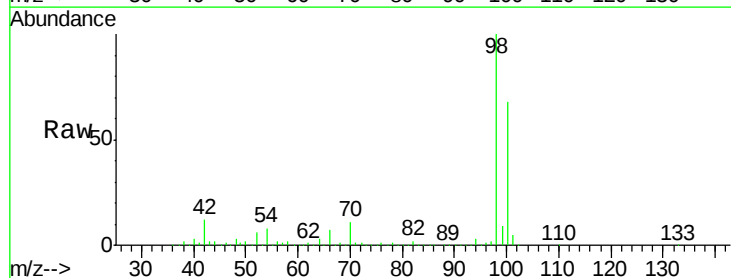
Acq: 09 May 2018 22:27

Tgt Ion: 98 Resp: 468651

Ion Ratio Lower Upper

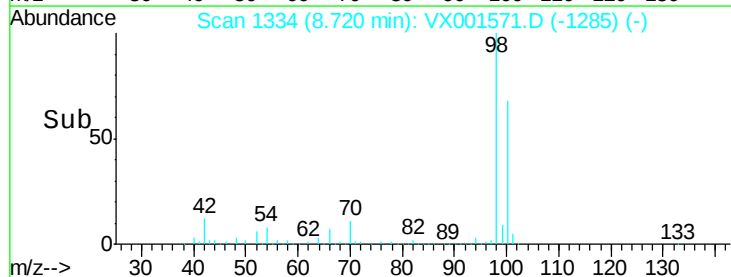
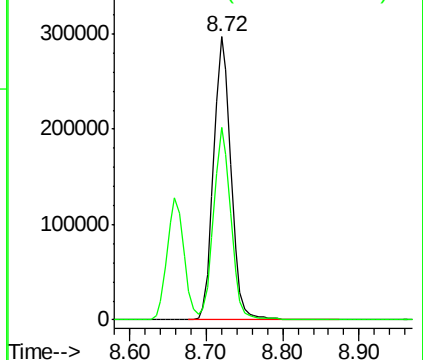
98 100

100 67.5 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

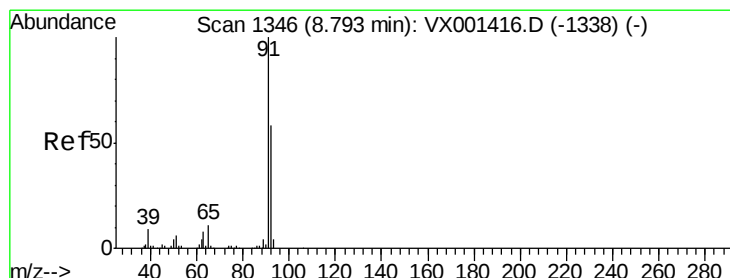
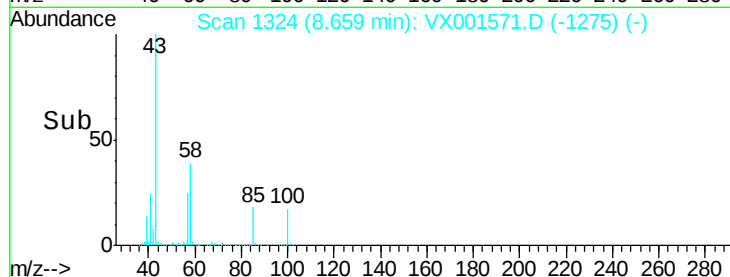
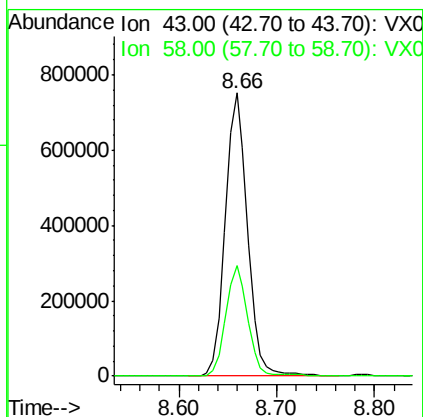
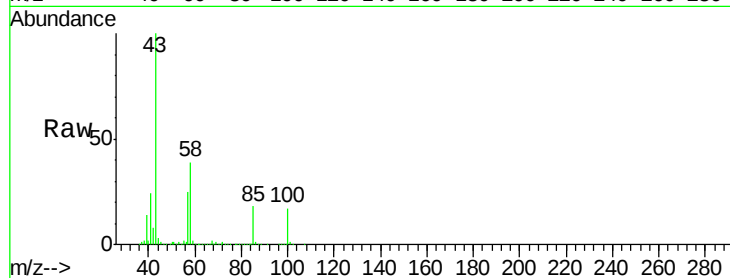




#51
 4-Methyl-2-Pentanone
 Concen: 274.93 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

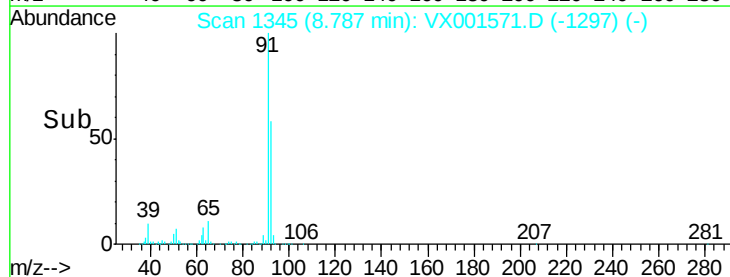
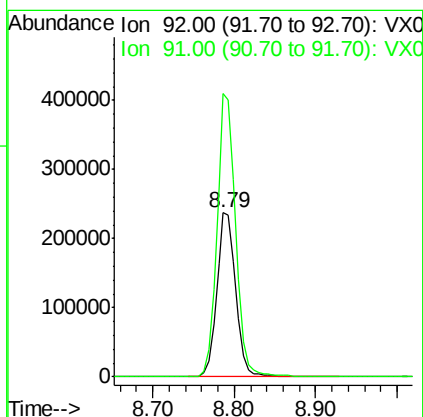
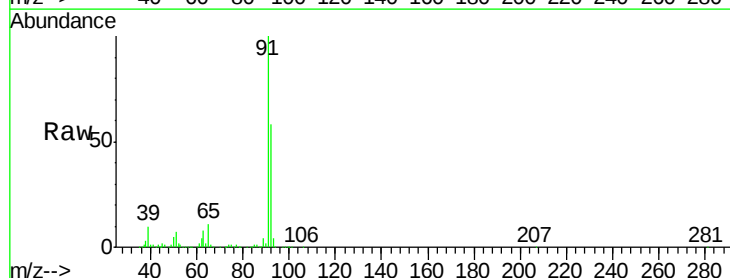
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

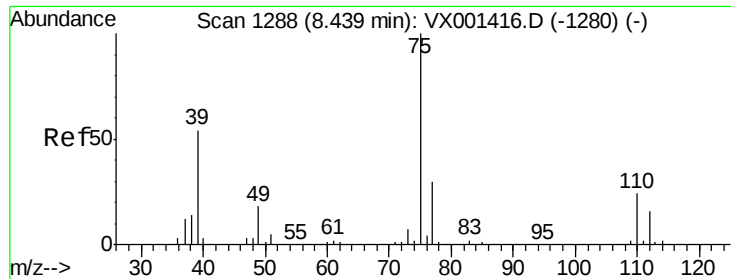
Tgt Ion: 43 Resp: 1183730
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.8 46.2



#52
 Toluene
 Concen: 52.72 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

Tgt Ion: 92 Resp: 387656
 Ion Ratio Lower Upper
 92 100
 91 170.2 135.2 202.8

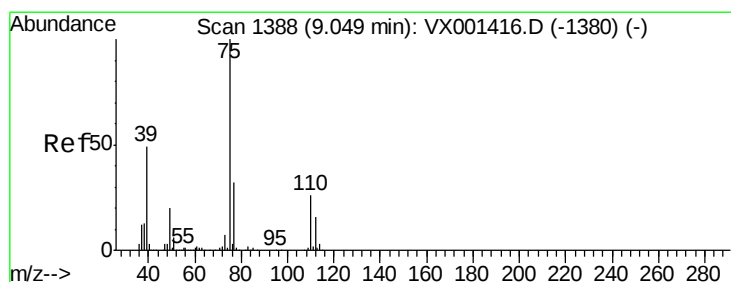
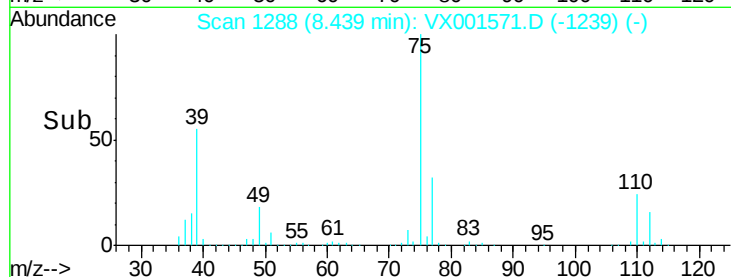
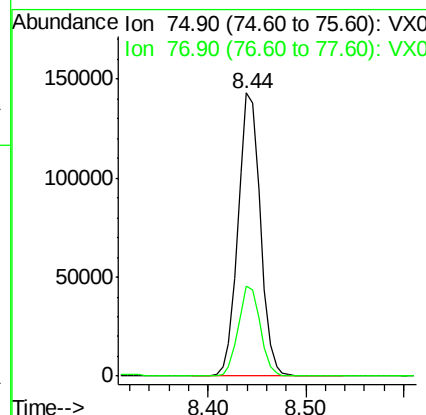
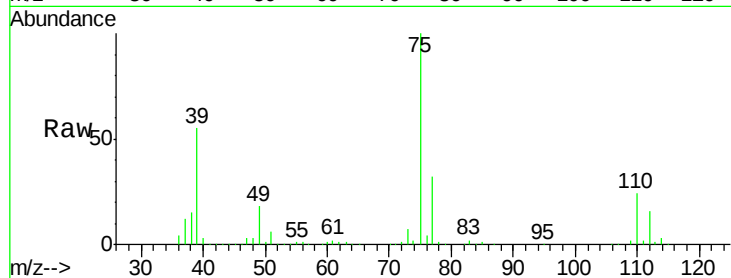




#53
t-1,3-Dichloropropene
Concen: 54.27 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

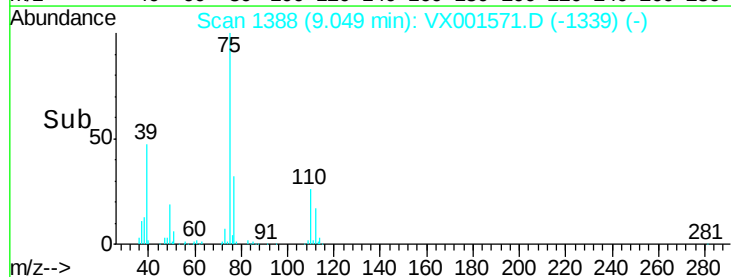
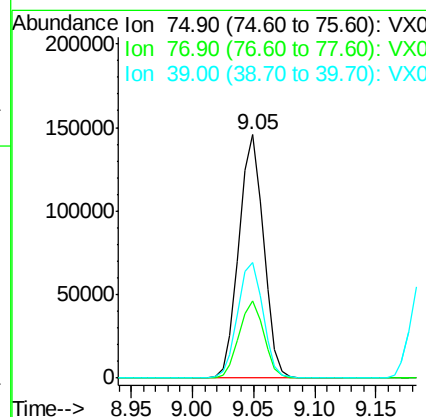
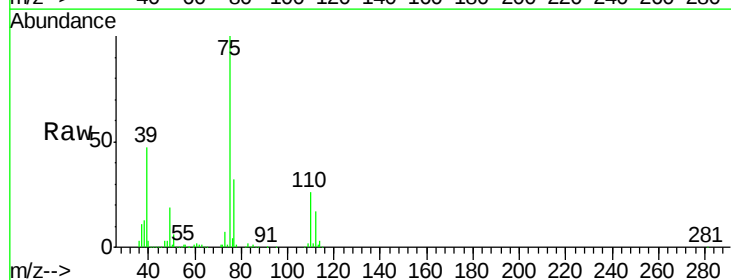
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 225288
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.4



#54
cis-1,3-Dichloropropene
Concen: 47.59 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

Tgt Ion: 75 Resp: 203763
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 47.3 38.9 58.3

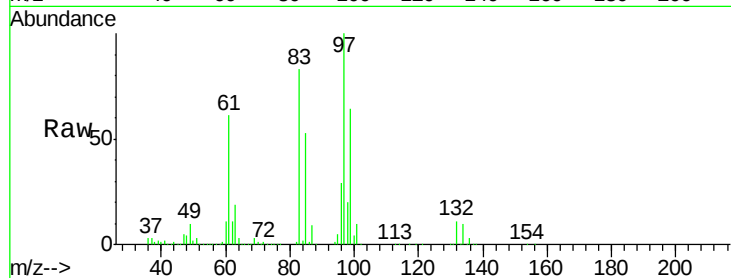




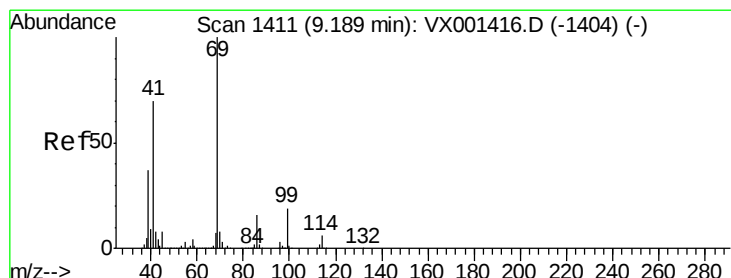
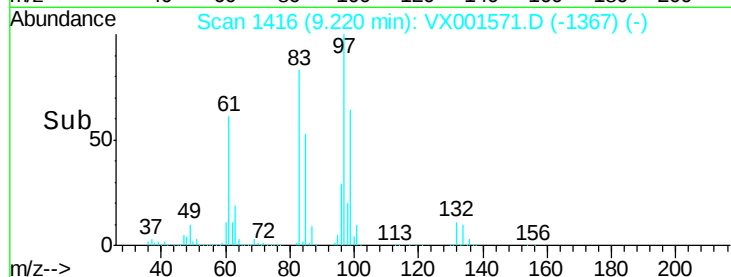
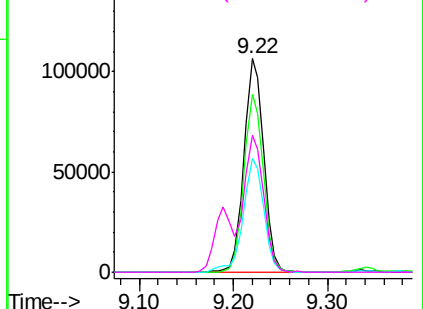
#55
 1,1,2-Trichloroethane
 Concen: 52.72 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	156187
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.4	101.0
85	53.3	43.3	64.9
99	63.9	52.5	78.7

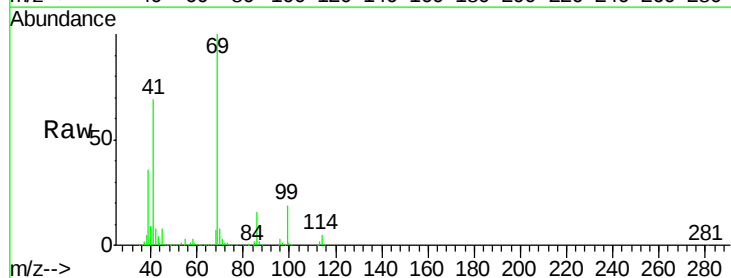


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

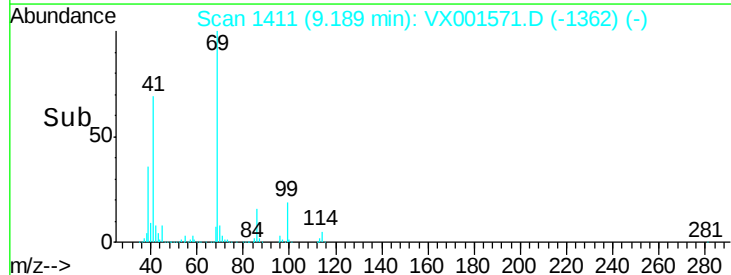
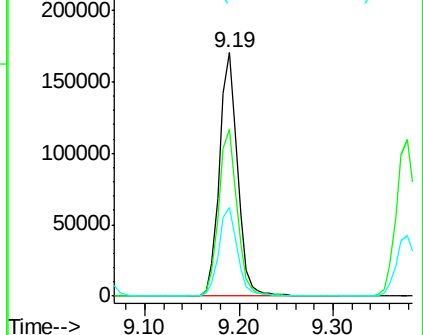


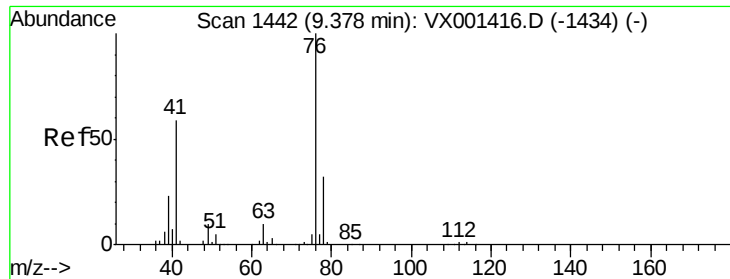
#56
 Ethyl methacrylate
 Concen: 53.59 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

Tgt Ion:	69	Resp:	228851
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.1	82.7
39	37.5	29.9	44.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

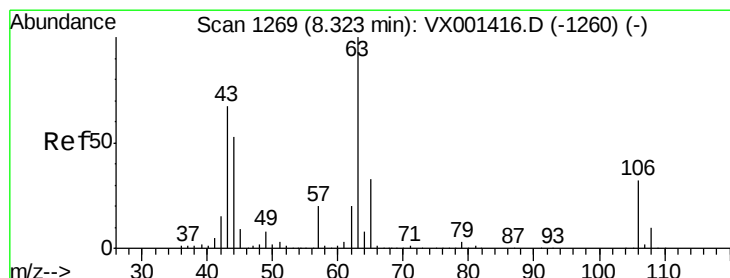
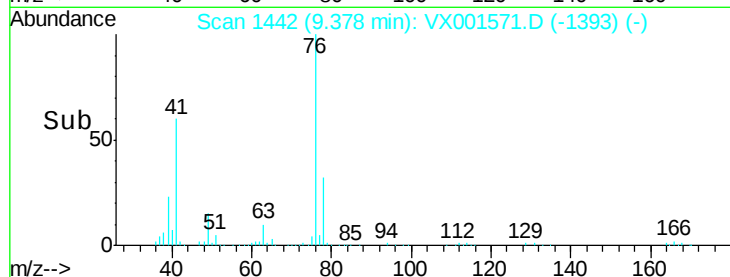
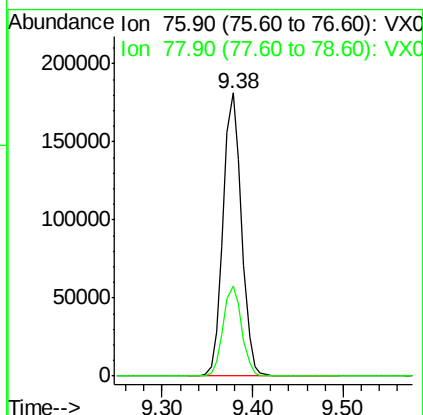
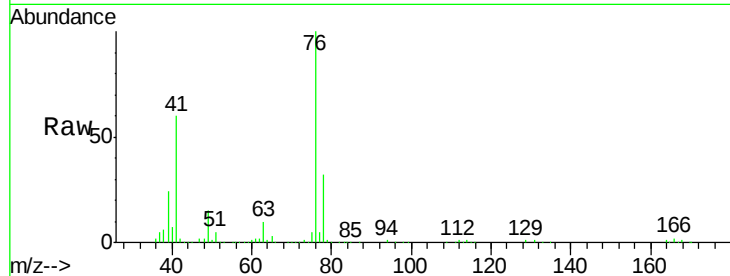




#57
 1,3-Dichloropropane
 Concen: 52.44 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

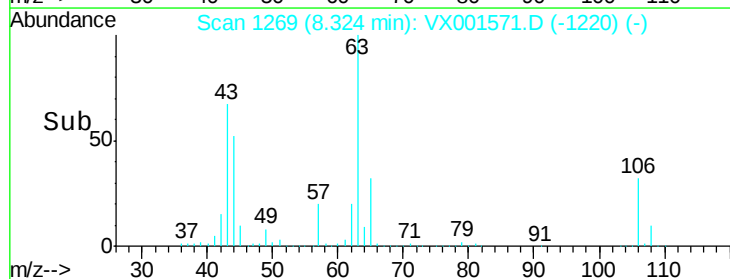
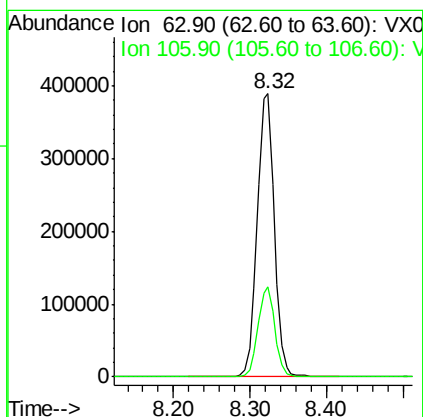
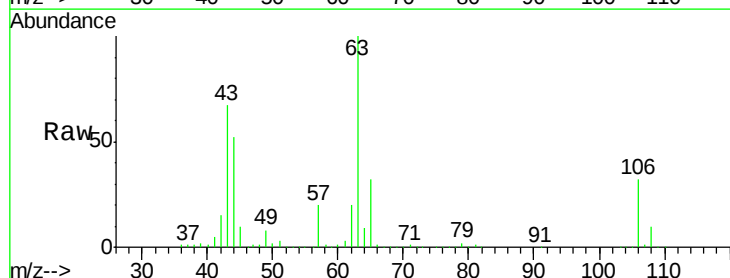
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 256893
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 292.38 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

Tgt Ion: 63 Resp: 612423
 Ion Ratio Lower Upper
 63 100
 106 31.2 25.4 38.0

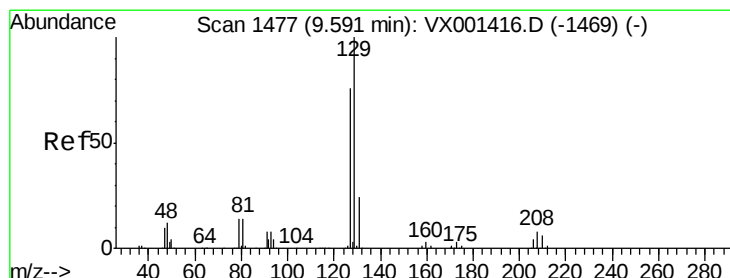
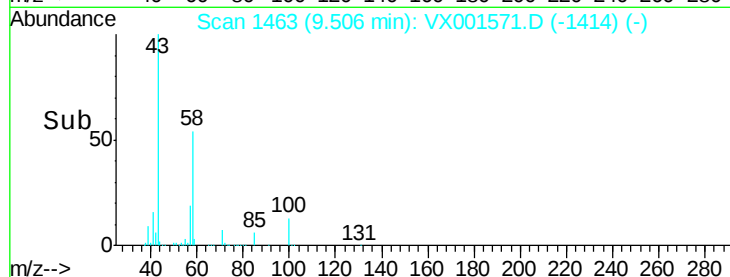
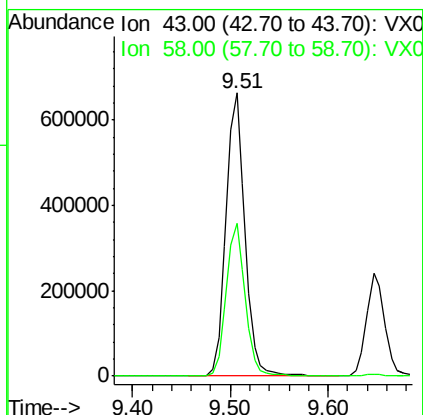
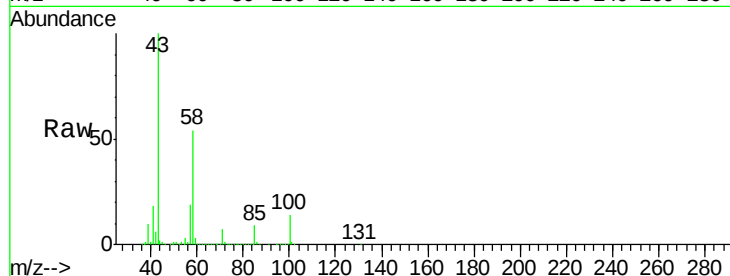




#59
2-Hexanone
Concen: 270.81 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

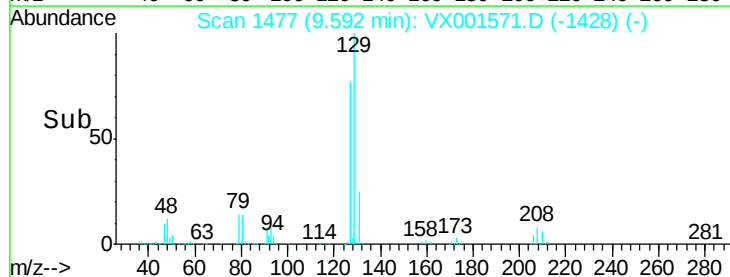
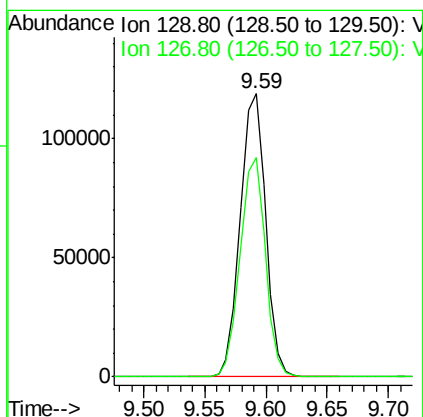
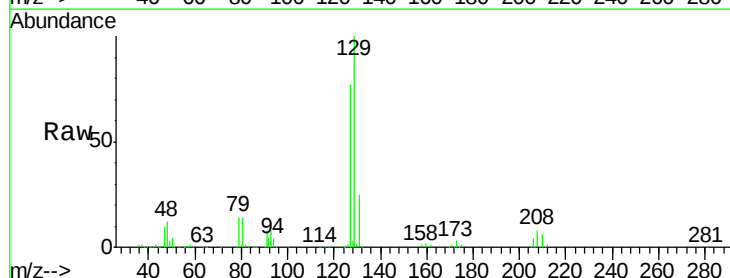
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

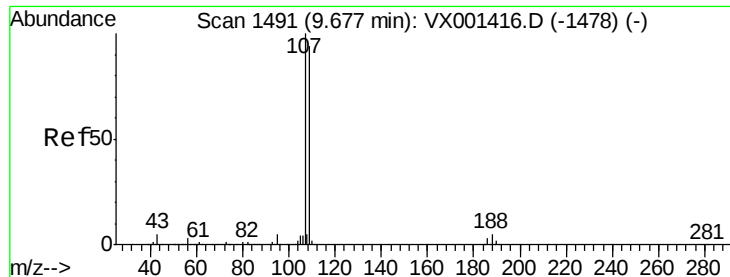
Tgt Ion: 43 Resp: 892874
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.2



#60
Dibromochloromethane
Concen: 56.51 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

Tgt Ion: 129 Resp: 171444
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5

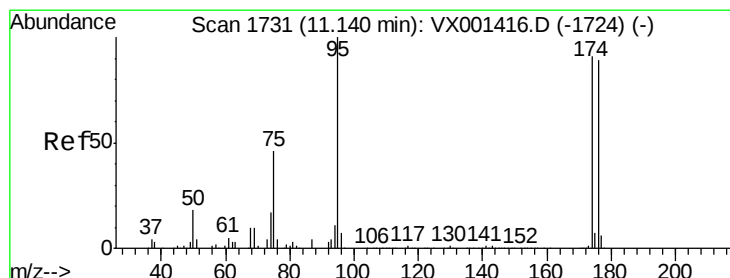
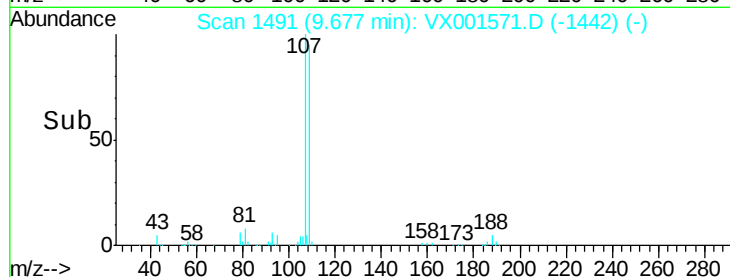
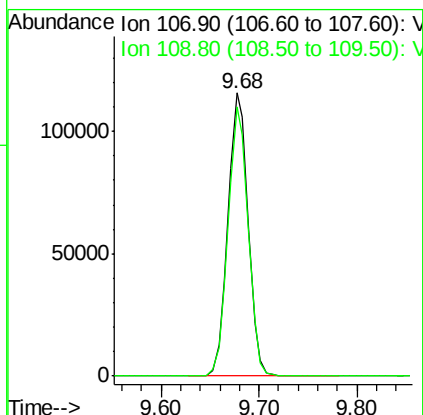
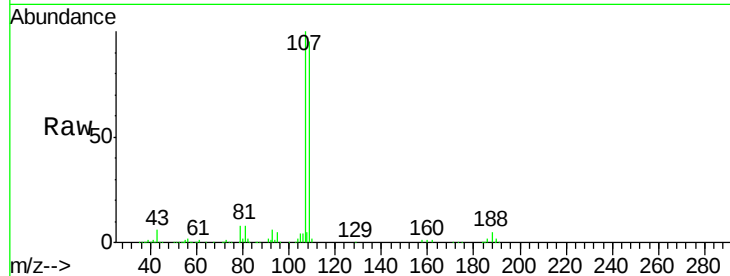




#61
 1,2-Dibromoethane
 Concen: 53.26 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

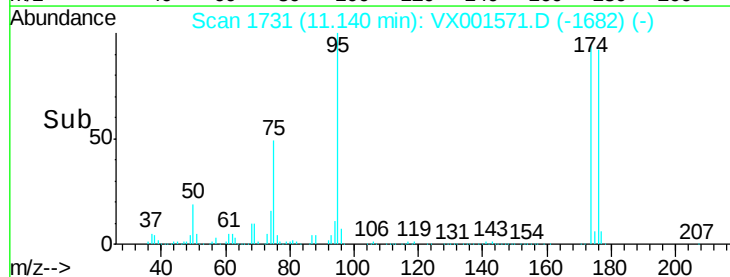
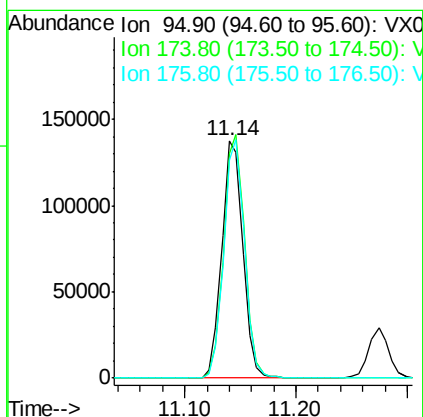
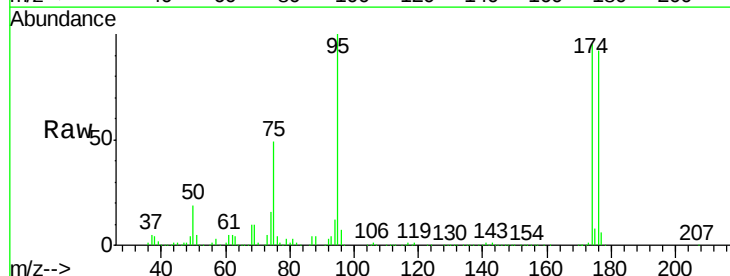
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 165684
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 47.89 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

Tgt Ion: 95 Resp: 180666
 Ion Ratio Lower Upper
 95 100
 174 101.5 0.0 202.0
 176 98.6 0.0 197.4

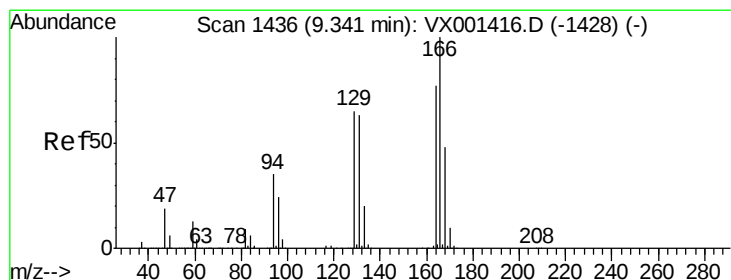
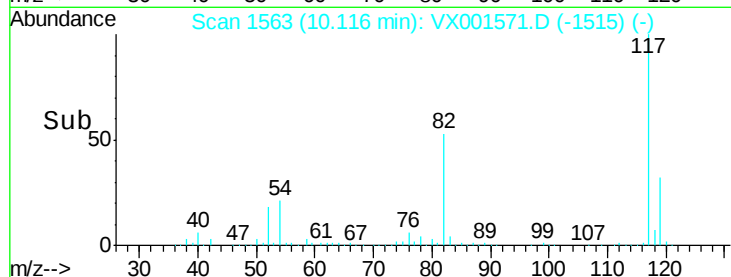
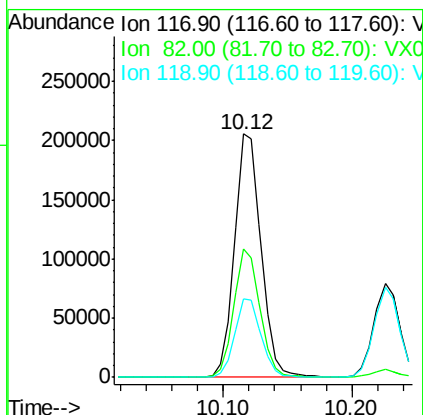
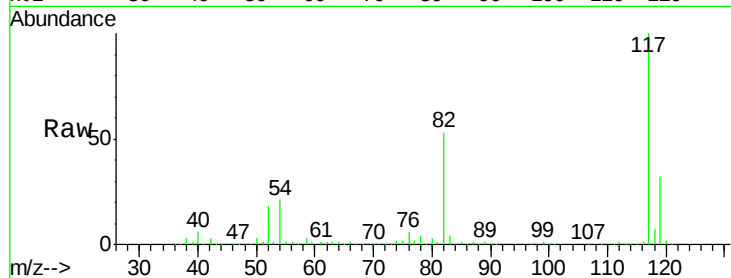




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

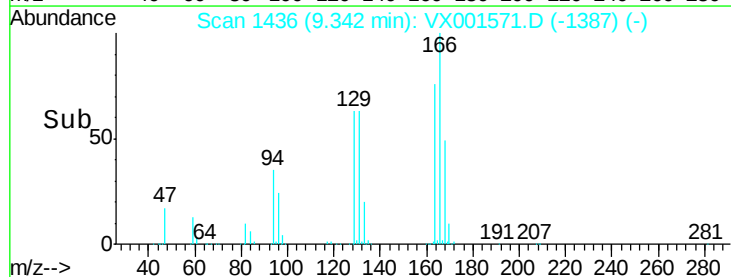
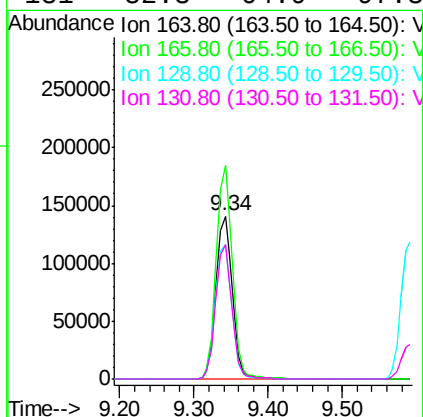
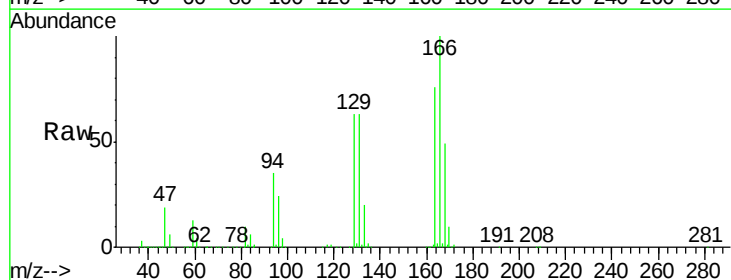
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

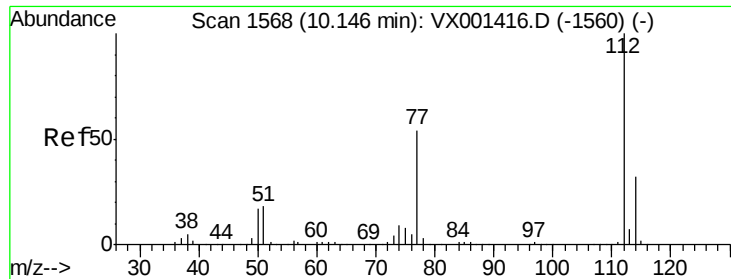
Tgt Ion:117 Resp: 295685
Ion Ratio Lower Upper
117 100
82 52.9 40.0 60.0
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 51.66 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

Tgt Ion:164 Resp: 212909
Ion Ratio Lower Upper
164 100
166 130.9 103.5 155.3
129 82.3 66.7 100.1
131 82.3 64.9 97.3

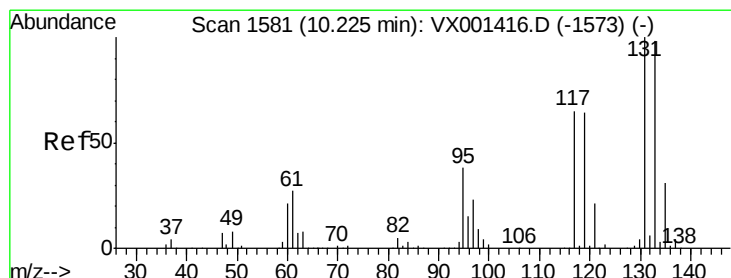
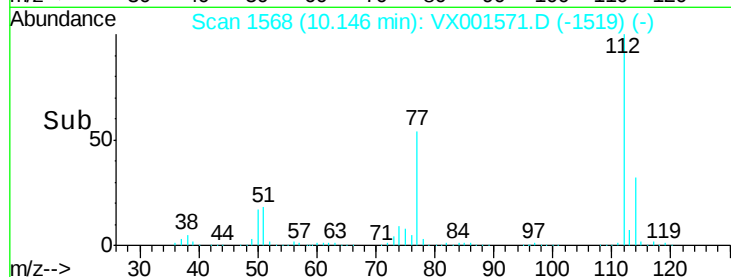
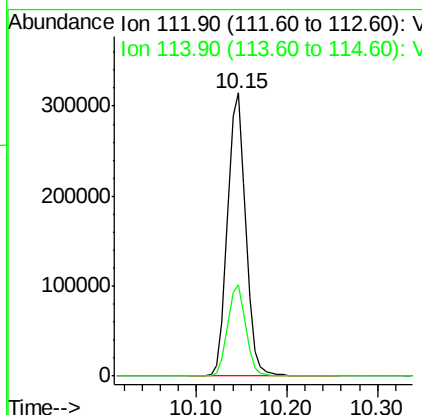
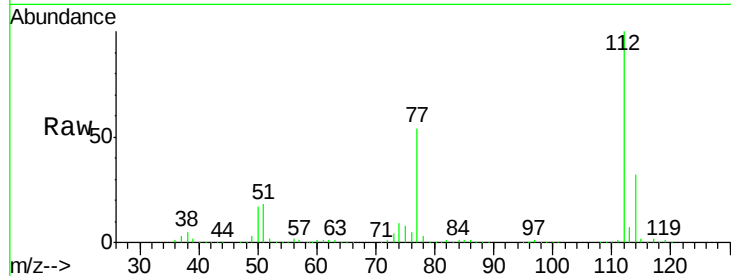




#65
Chlorobenzene
Concen: 50.72 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

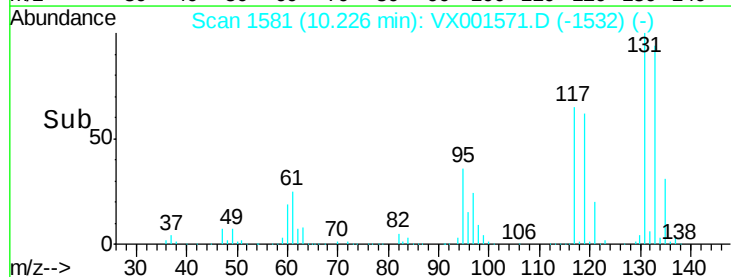
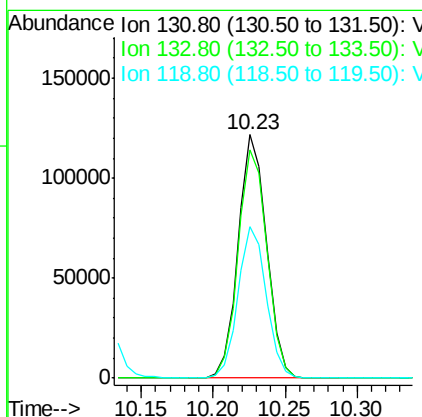
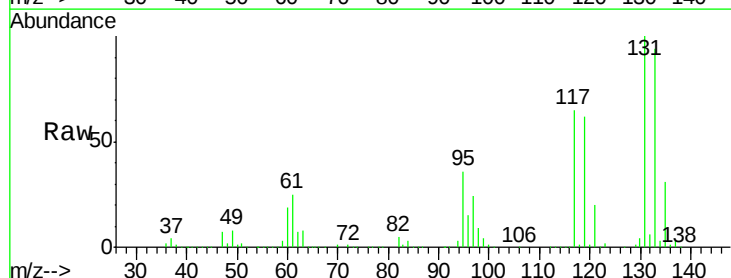
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

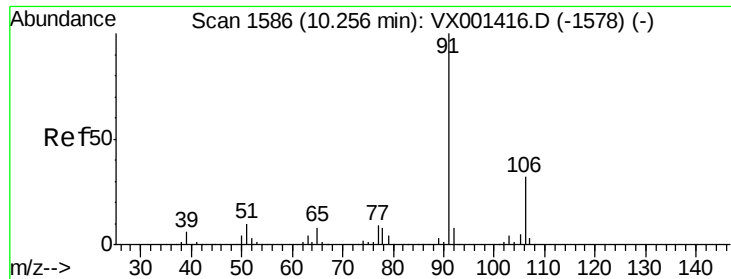
Tgt Ion:112 Resp: 439870
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.74 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

Tgt Ion:131 Resp: 166695
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.8
119 62.1 31.1 93.3

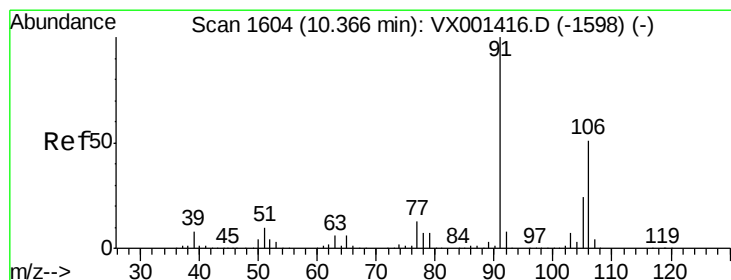
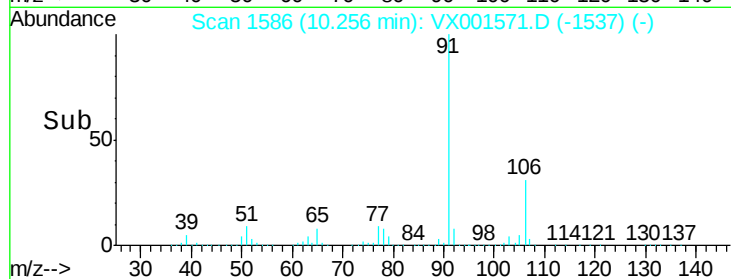
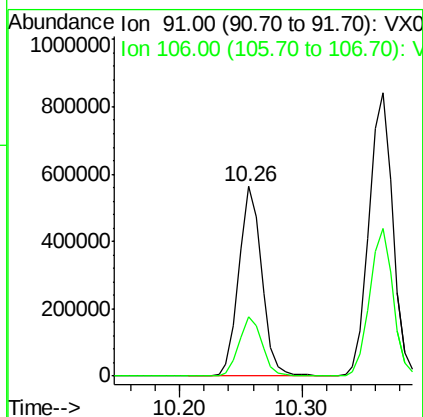
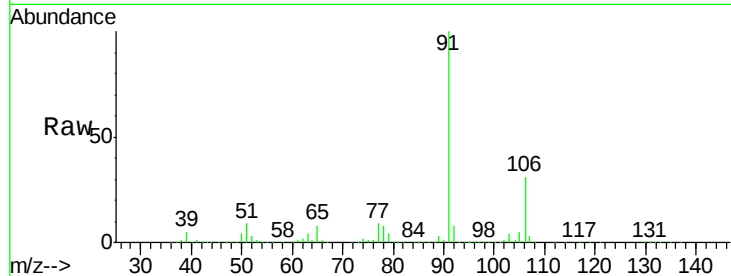




#67
Ethyl Benzene
Concen: 51.43 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

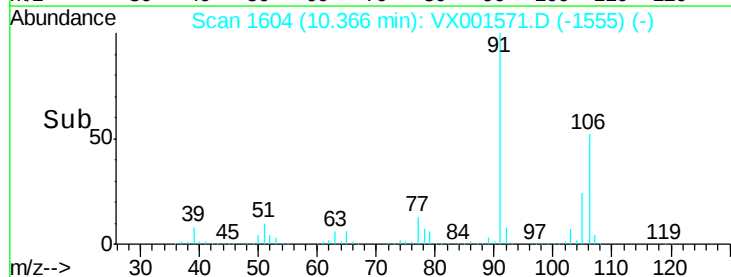
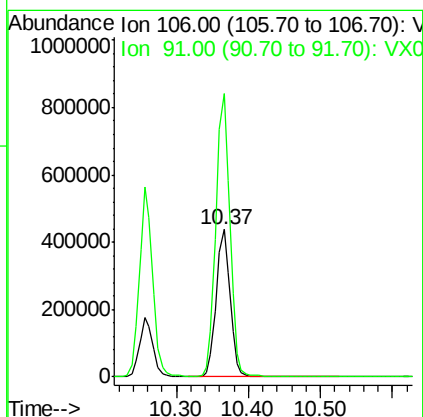
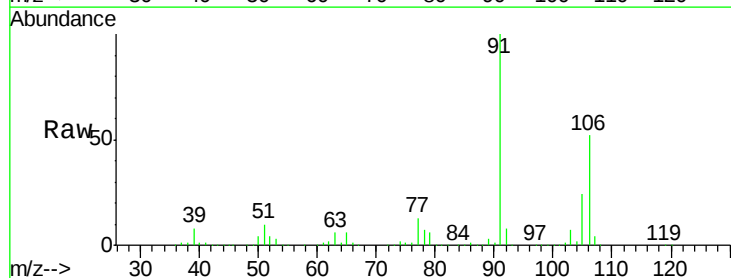
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

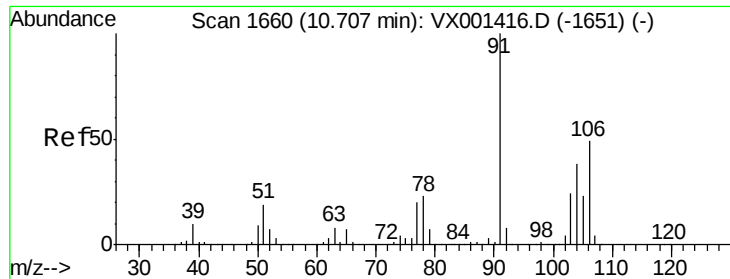
Tgt Ion: 91 Resp: 731042
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 104.02 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

Tgt Ion: 106 Resp: 584216
Ion Ratio Lower Upper
106 100
91 194.8 157.5 236.3

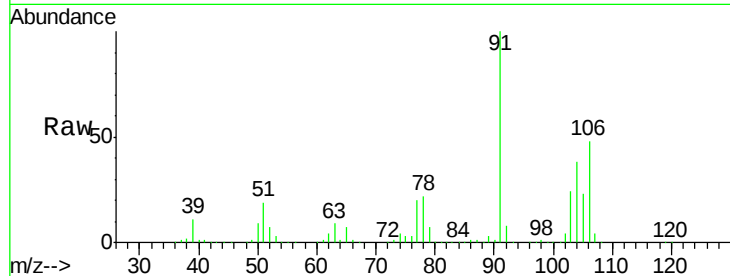




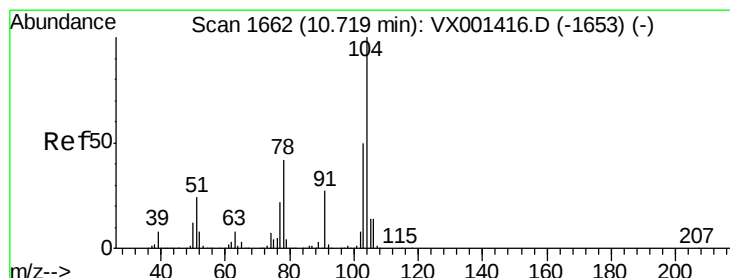
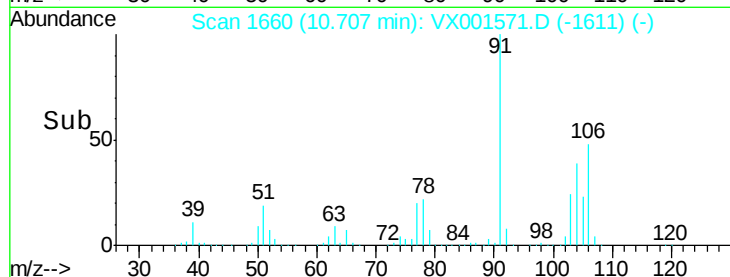
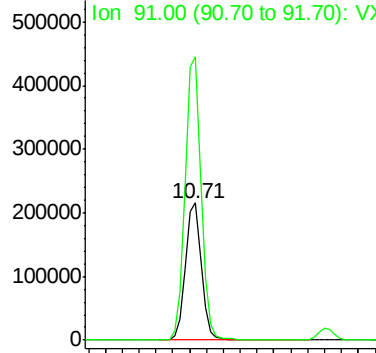
#69
o-Xylene
Concen: 52.15 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 284661
Ion Ratio Lower Upper
106 100
91 207.7 103.1 309.1

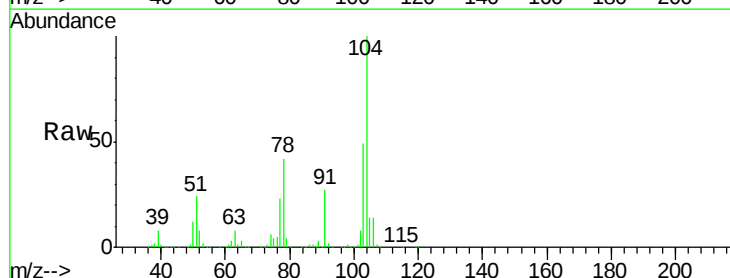


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

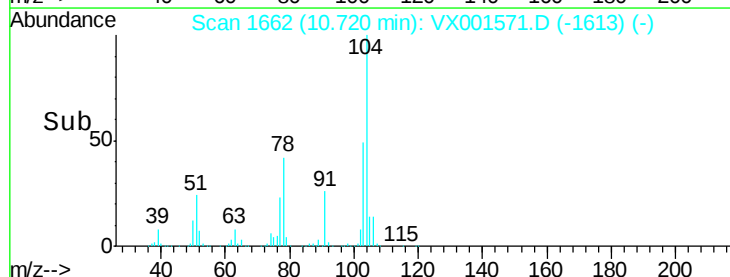
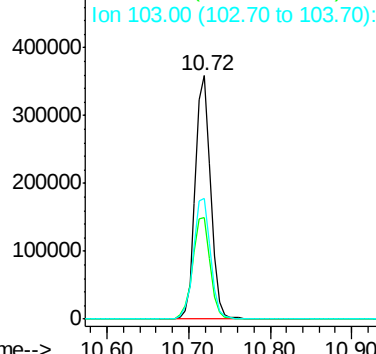


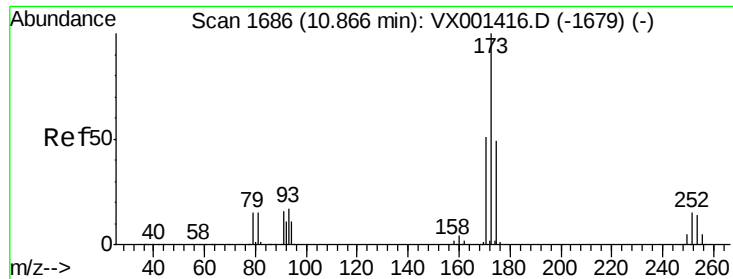
#70
Styrene
Concen: 53.19 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

Tgt Ion:104 Resp: 471629
Ion Ratio Lower Upper
104 100
78 48.0 38.6 58.0
103 55.2 44.0 66.0



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





#71

Bromoform

Concen: 47.29 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

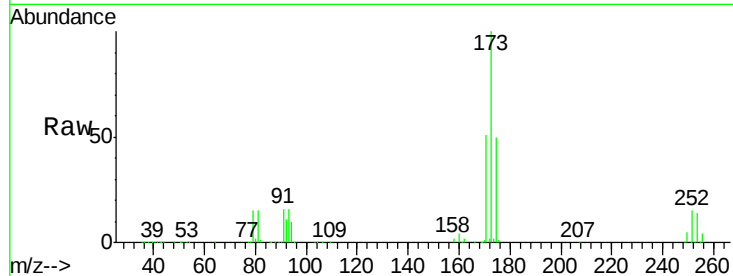
Tgt Ion:173 Resp: 140458

Ion Ratio Lower Upper

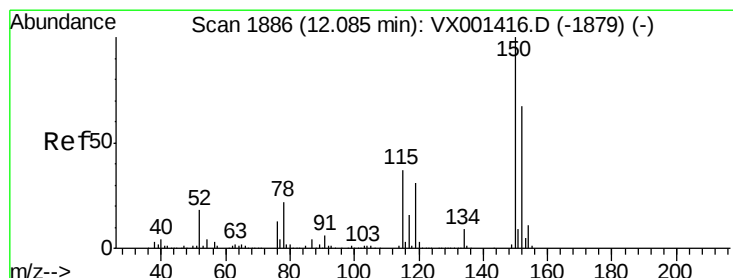
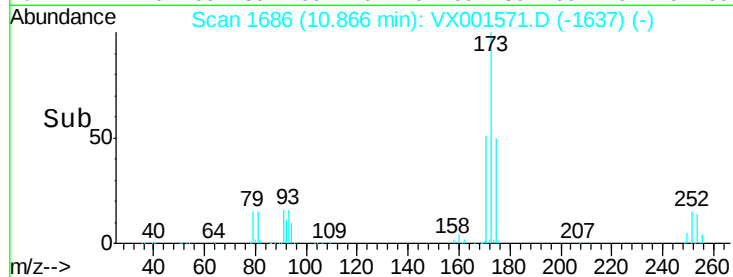
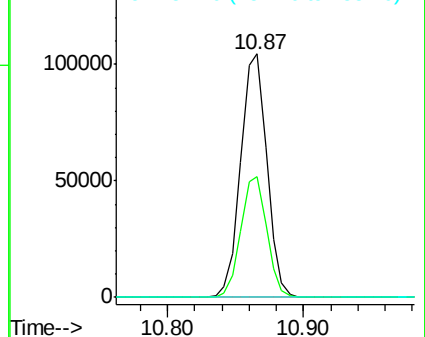
173 100

175 49.3 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: VX001571.D

Acq: 09 May 2018 22:27

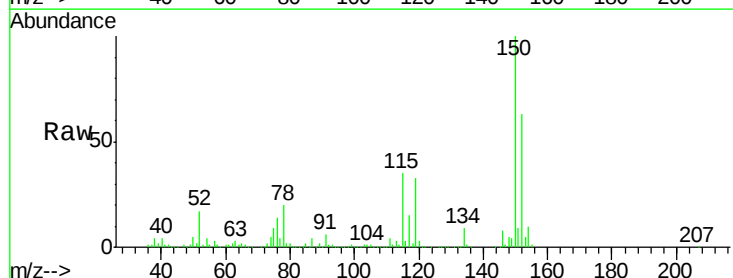
Tgt Ion:152 Resp: 212813

Ion Ratio Lower Upper

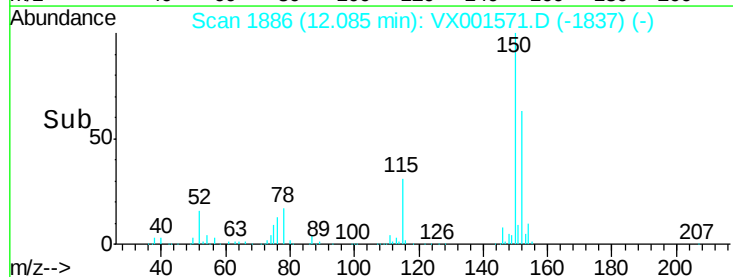
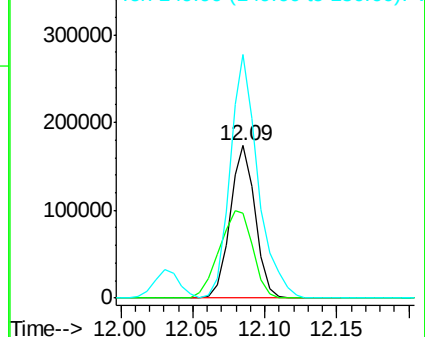
152 100

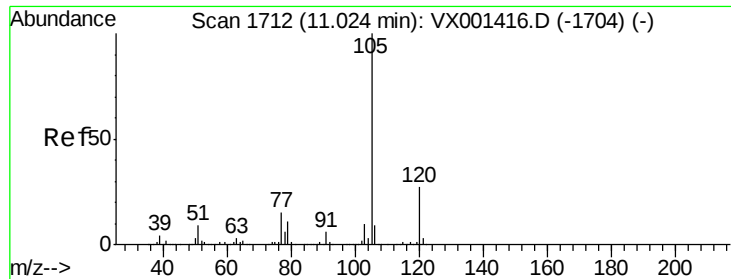
115 76.6 37.7 113.1

150 176.3 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: 51.64 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

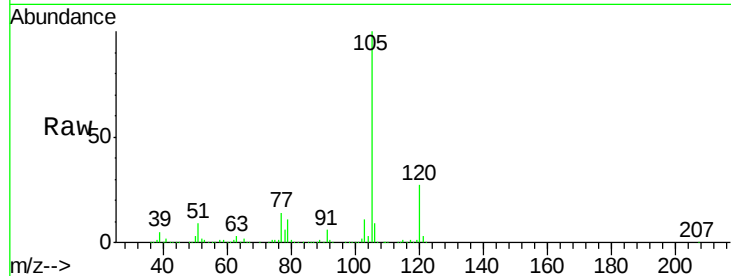
VSTDCCC050EC

Tgt Ion: 105 Resp: 760765

Ion Ratio Lower Upper

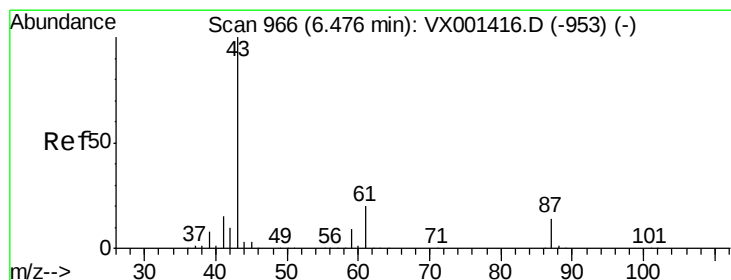
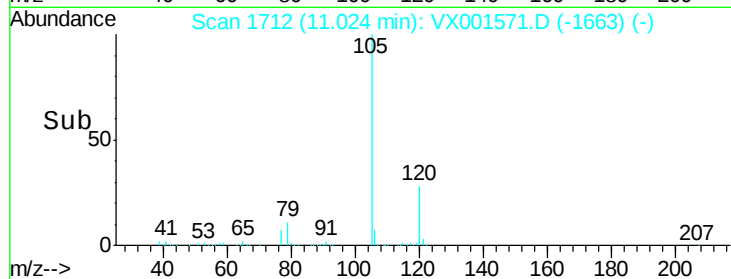
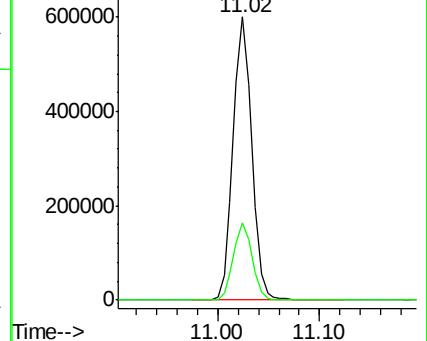
105 100

120 27.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.89 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Tgt Ion: 43 Resp: 347221

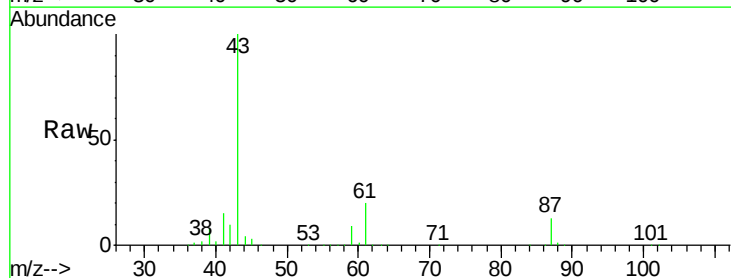
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.2 15.4 23.0

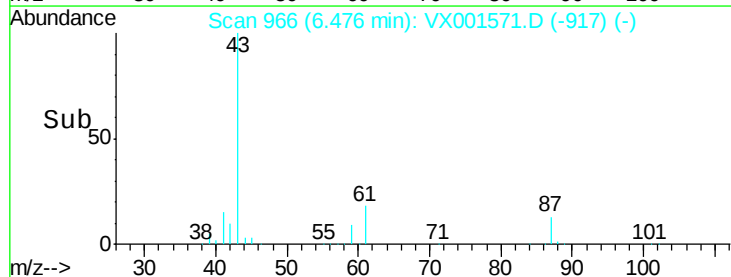
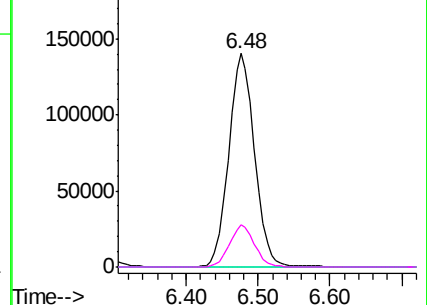


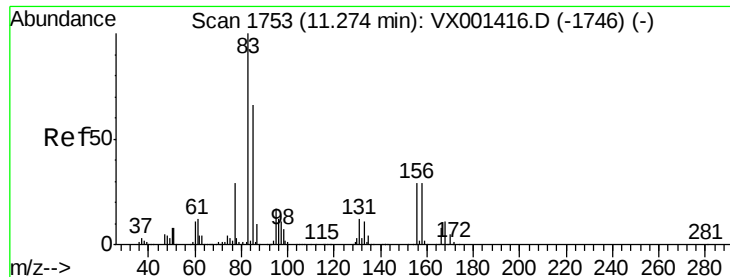
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.28 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

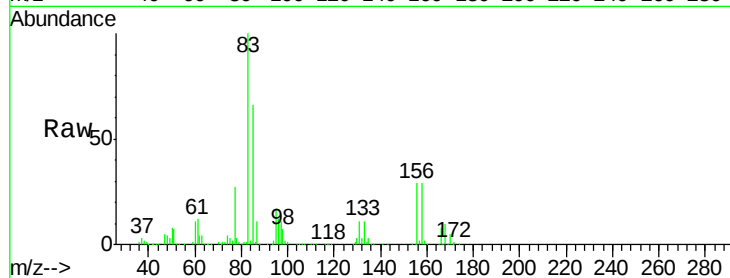
Tgt Ion: 83 Resp: 227495

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

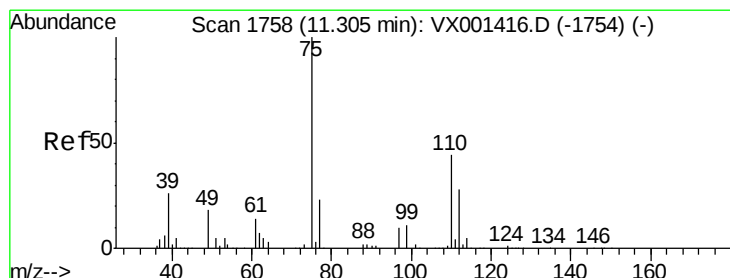
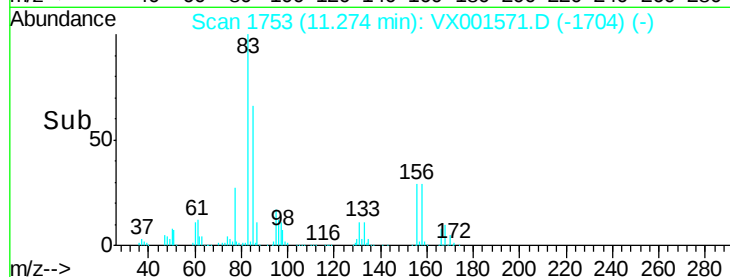
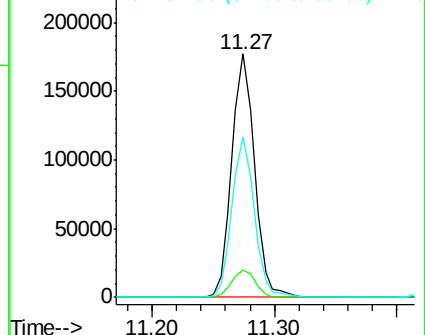
85 65.2 32.7 98.1



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: 61.53 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001571.D

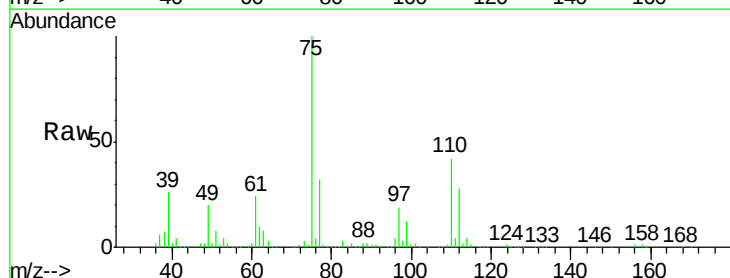
Acq: 09 May 2018 22:27

Tgt Ion: 75 Resp: 265567

Ion Ratio Lower Upper

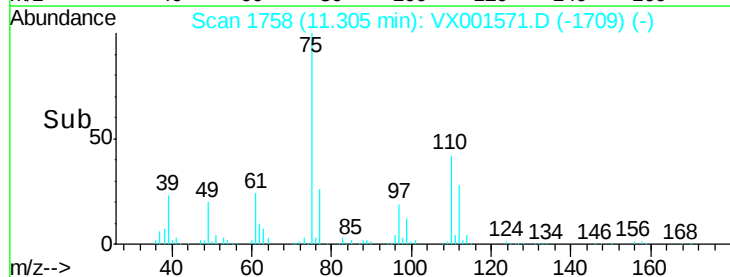
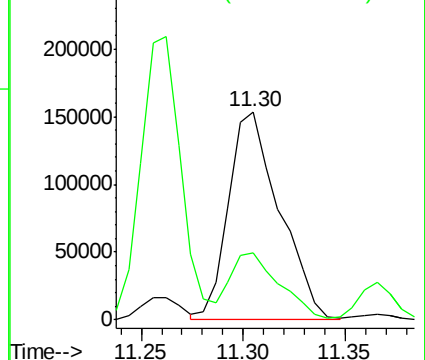
75 100

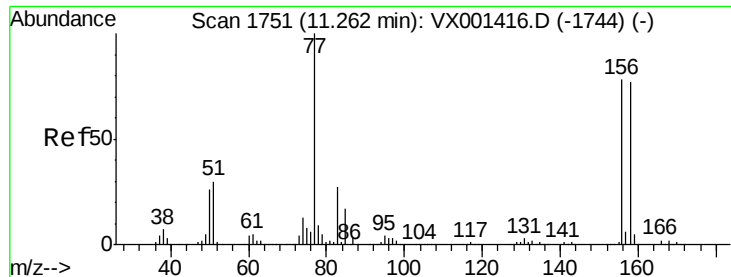
77 31.3 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.58 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

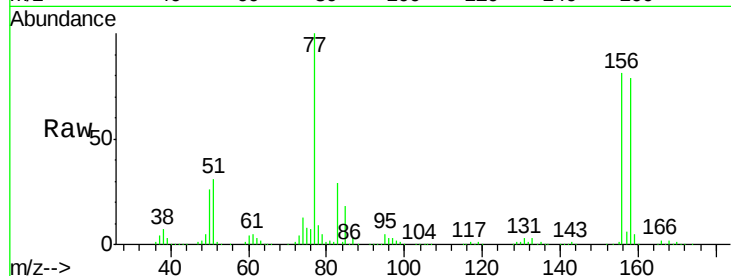
Tgt Ion:156 Resp: 216657

Ion Ratio Lower Upper

156 100

77 131.7 66.0 198.2

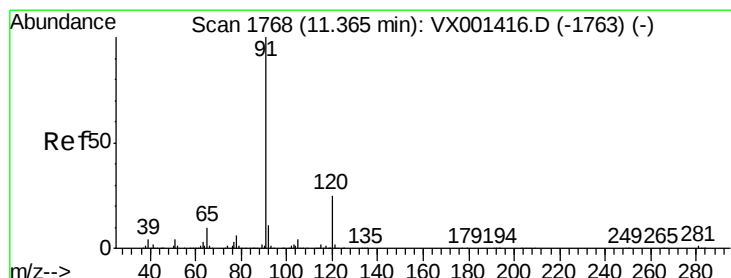
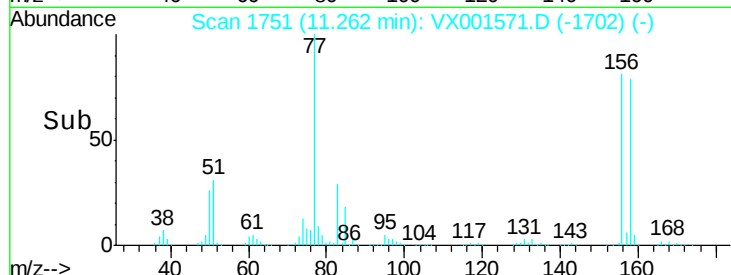
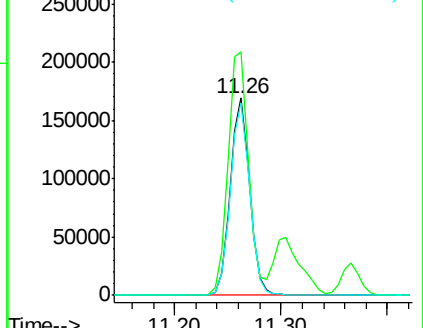
158 97.5 49.4 148.2



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: 52.27 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001571.D

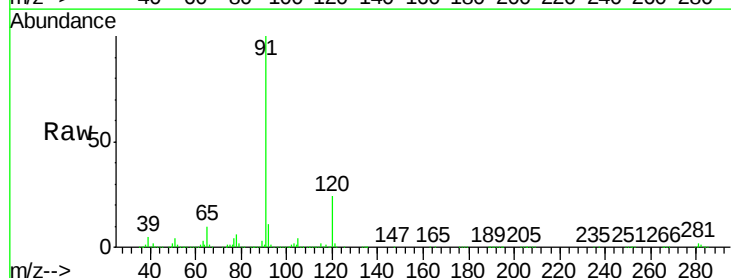
Acq: 09 May 2018 22:27

Tgt Ion: 91 Resp: 838622

Ion Ratio Lower Upper

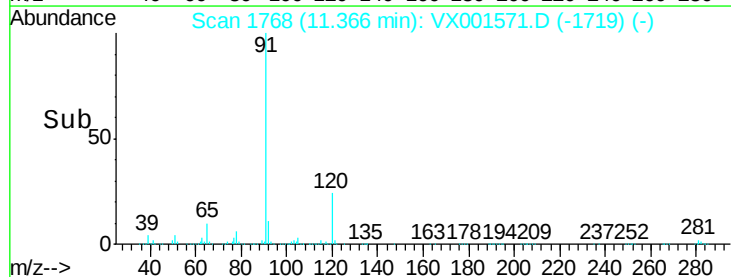
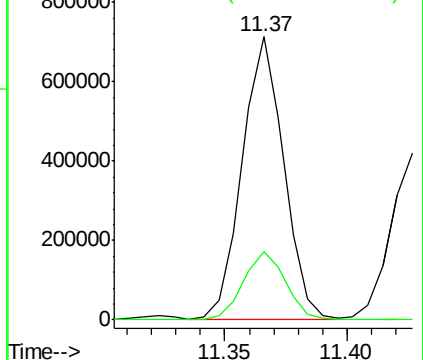
91 100

120 24.8 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: 51.41 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

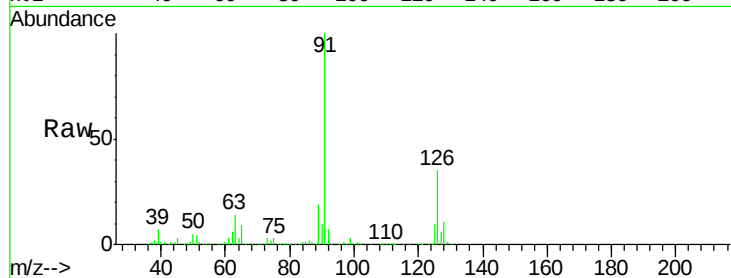
VSTDCCC050EC

Tgt Ion: 91 Resp: 507554

Ion Ratio Lower Upper

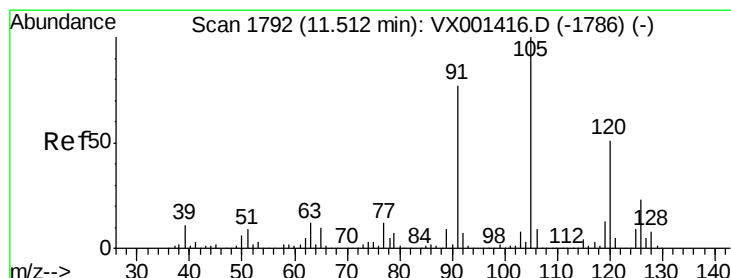
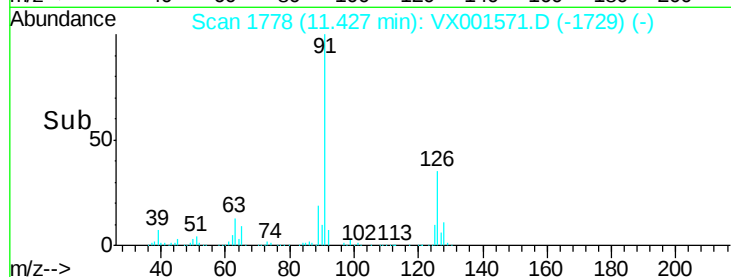
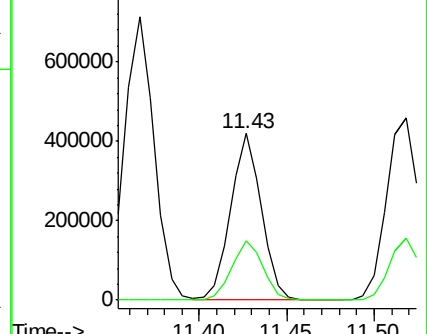
91 100

126 36.4 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.20 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001571.D

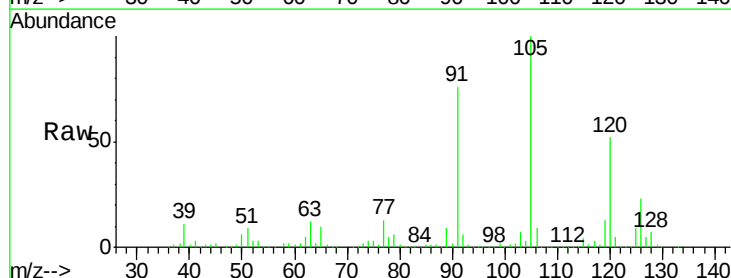
Acq: 09 May 2018 22:27

Tgt Ion: 105 Resp: 640283

Ion Ratio Lower Upper

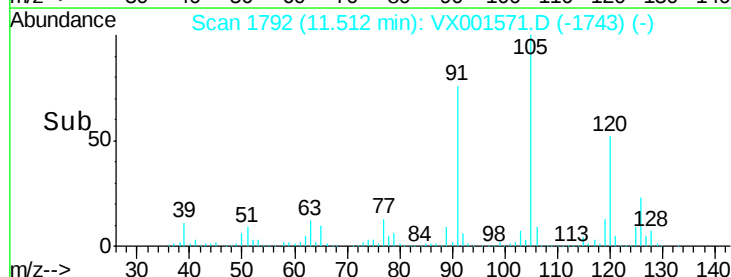
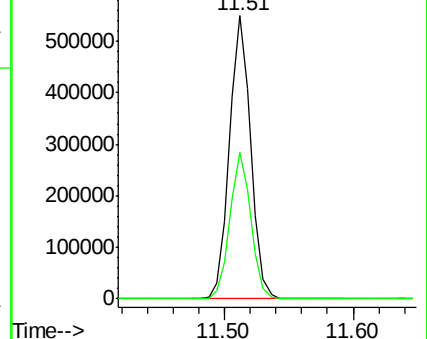
105 100

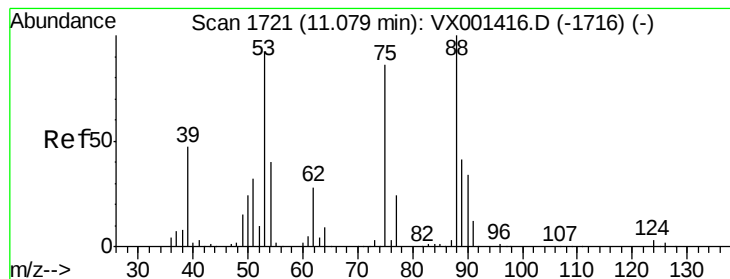
120 51.3 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 43.19 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

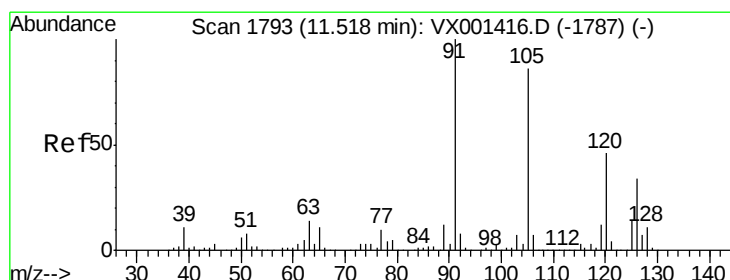
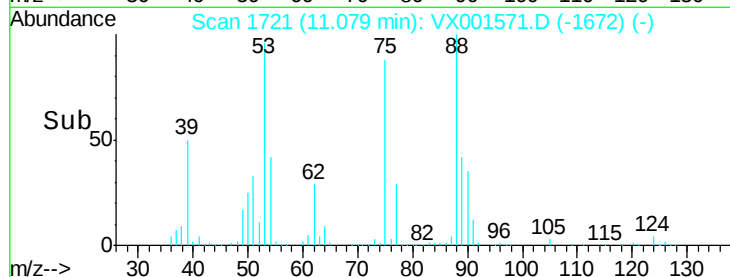
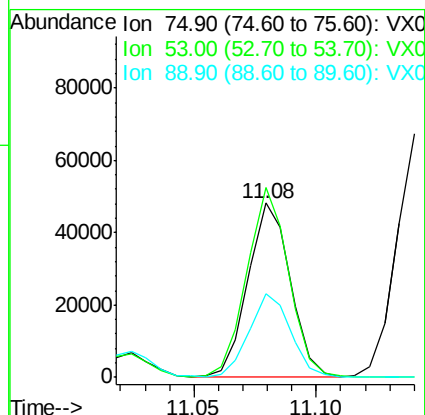
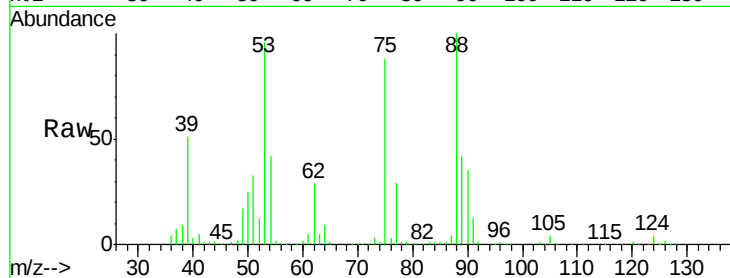
Tgt Ion: 75 Resp: 57606

Ion Ratio Lower Upper

75 100

53 107.7 84.5 126.7

89 48.0 39.5 59.3



#82

4-Chlorotoluene

Concen: 51.77 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001571.D

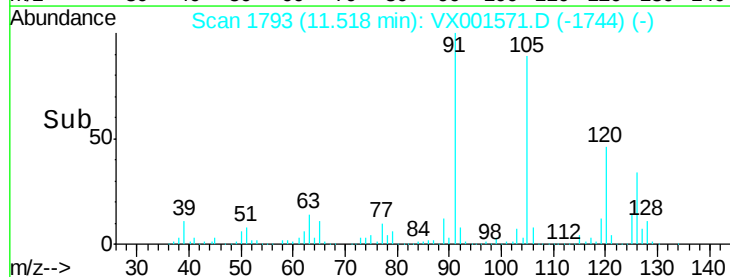
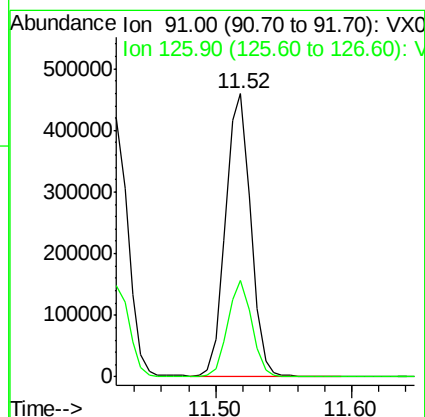
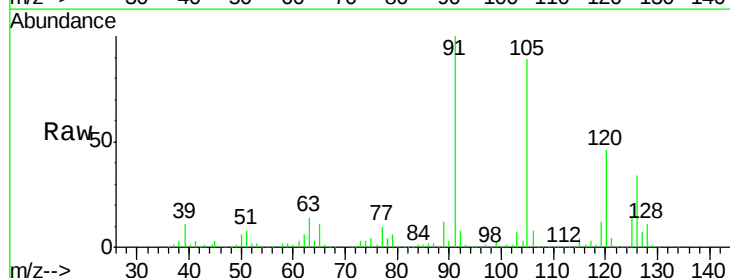
Acq: 09 May 2018 22:27

Tgt Ion: 91 Resp: 589611

Ion Ratio Lower Upper

91 100

126 32.6 16.2 48.5

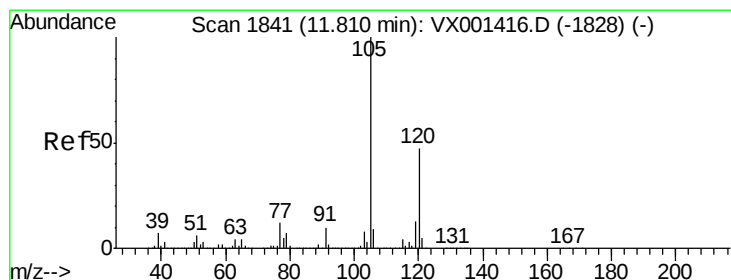
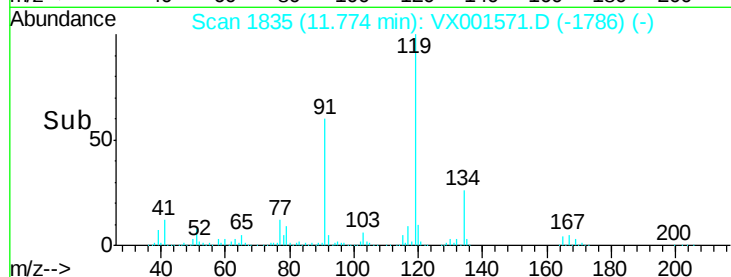
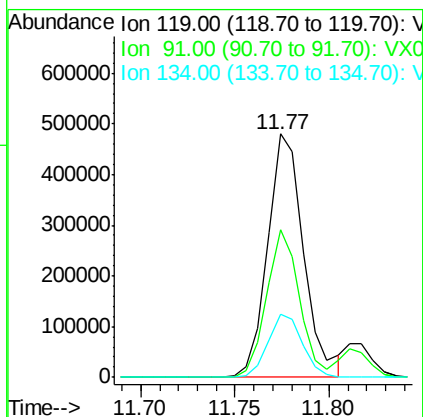
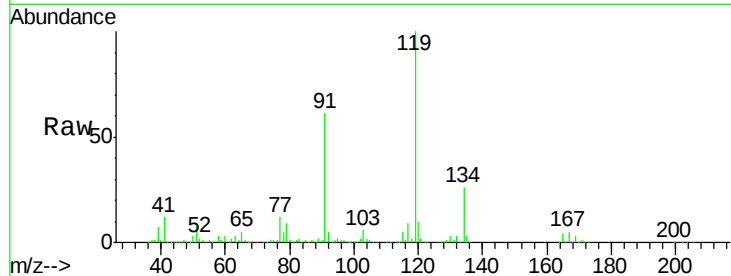




#83
 tert-Butylbenzene
 Concen: 52.23 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

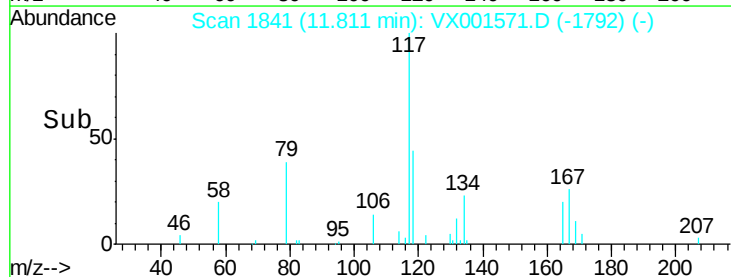
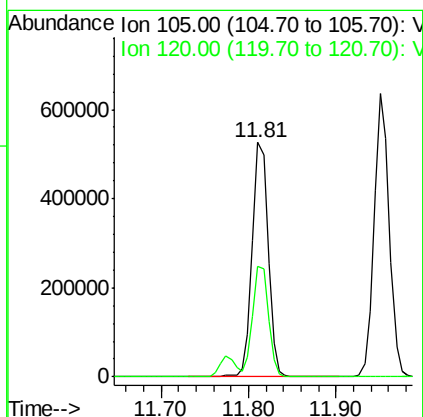
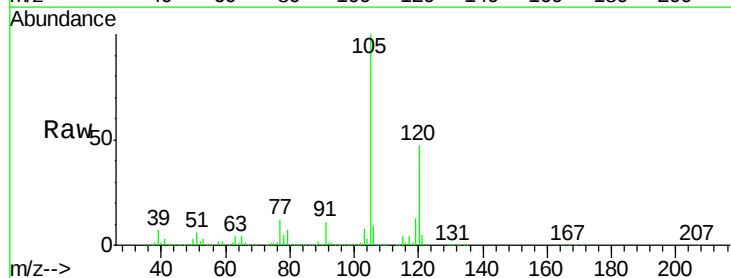
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

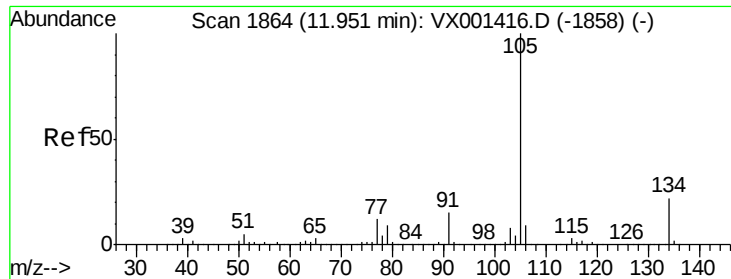
Tgt Ion:119 Resp: 637502
 Ion Ratio Lower Upper
 119 100
 91 55.3 27.8 83.3
 134 24.8 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.44 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

Tgt Ion:105 Resp: 661086
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.2

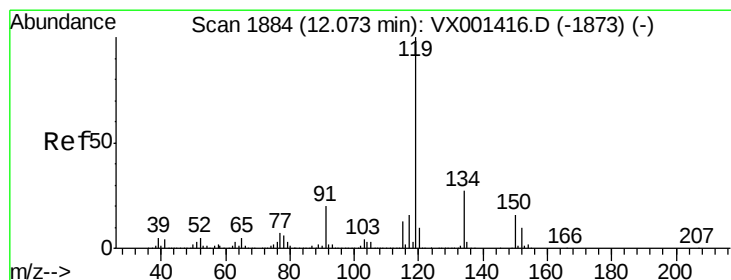
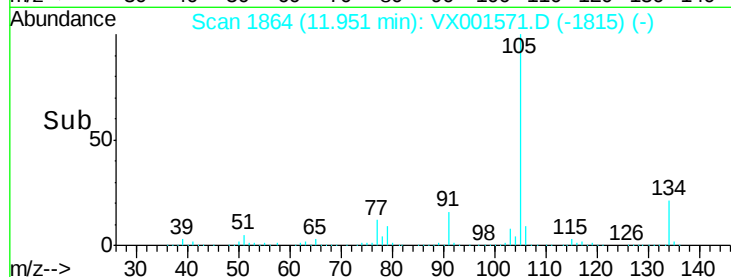
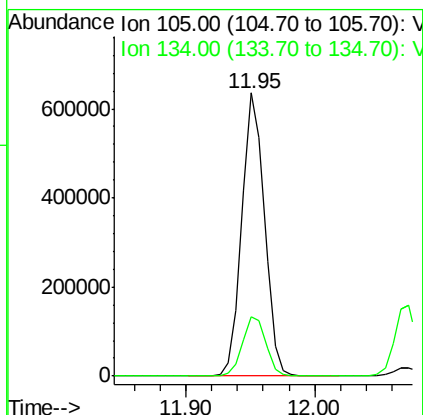
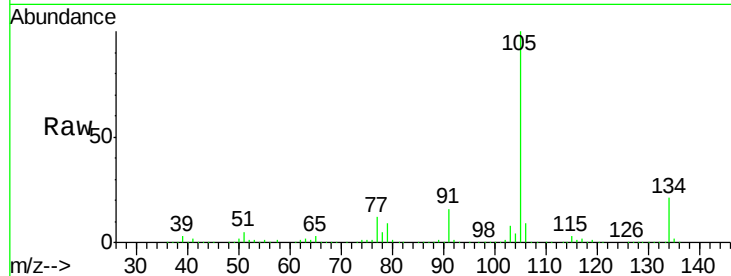




#85
 sec-Butylbenzene
 Concen: 52.73 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

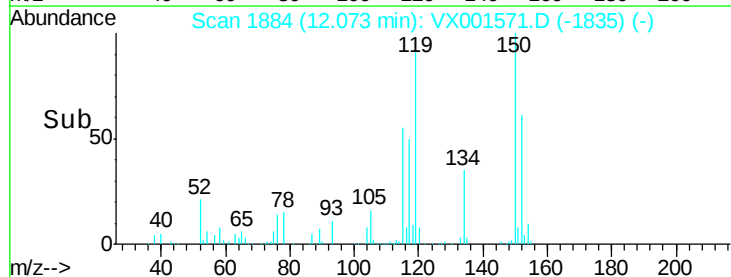
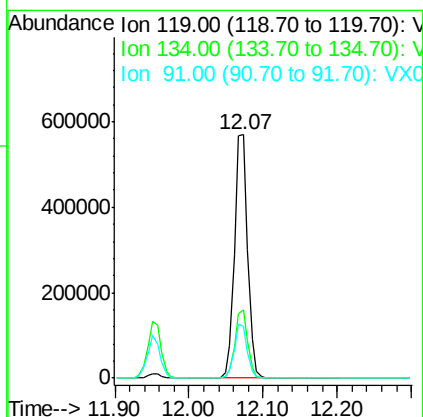
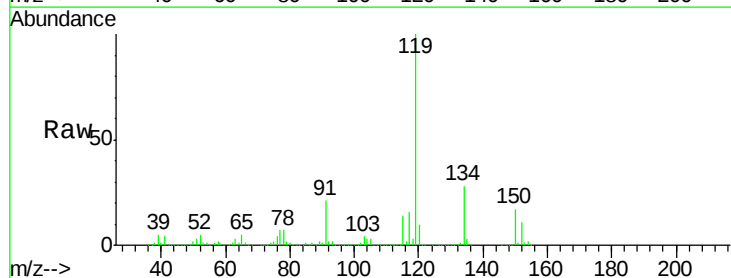
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

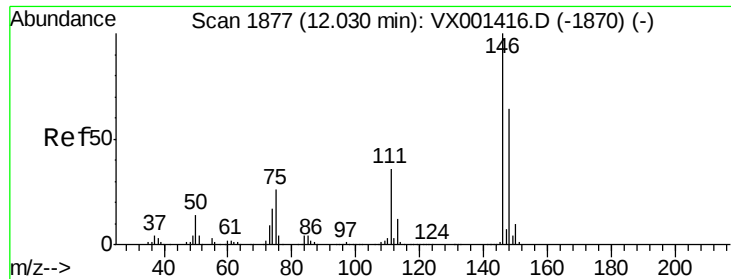
Tgt Ion:105 Resp: 772486
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 52.71 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

Tgt Ion:119 Resp: 708324
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.8
 91 21.7 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 50.86 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

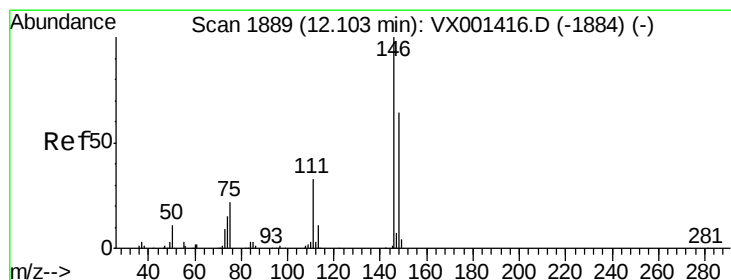
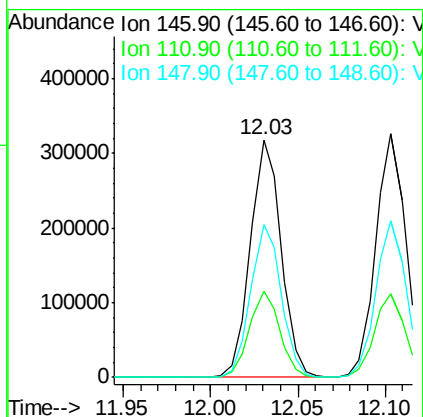
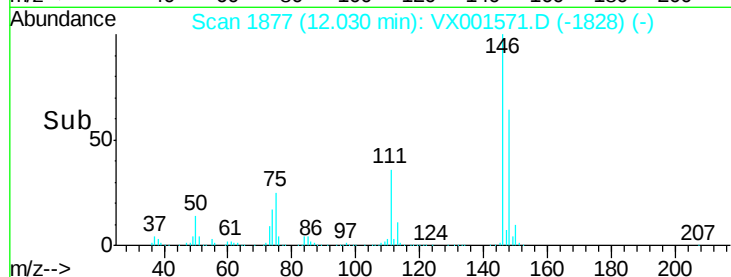
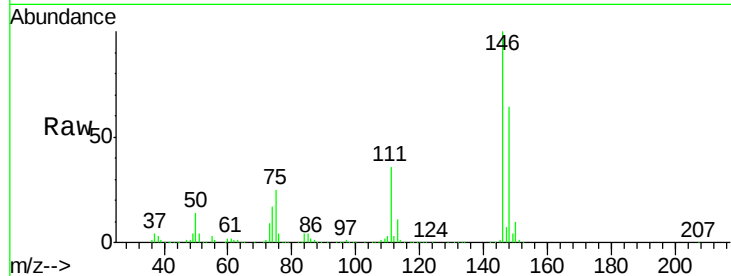
Tgt Ion:146 Resp: 389448

Ion Ratio Lower Upper

146 100

111 35.7 18.1 54.1

148 64.0 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 49.91 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

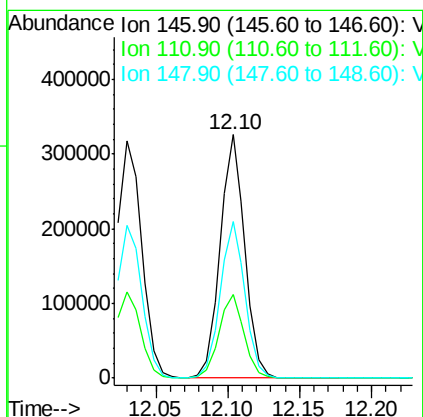
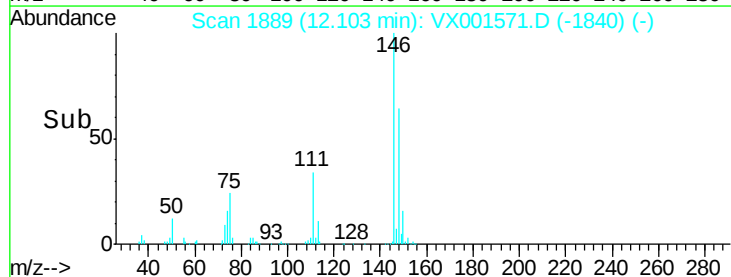
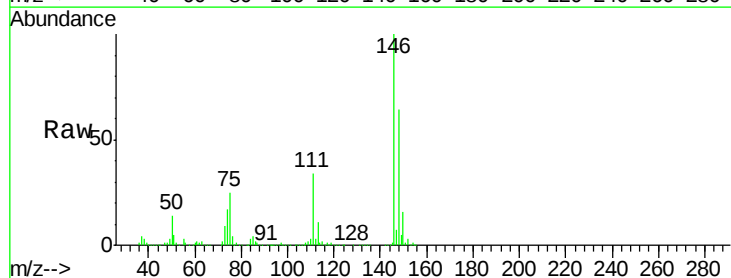
Tgt Ion:146 Resp: 389763

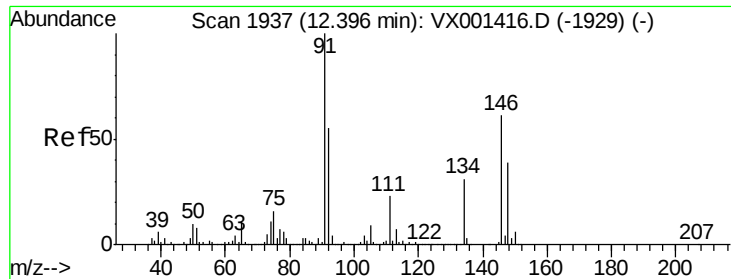
Ion Ratio Lower Upper

146 100

111 35.0 17.4 52.3

148 64.6 32.2 96.6

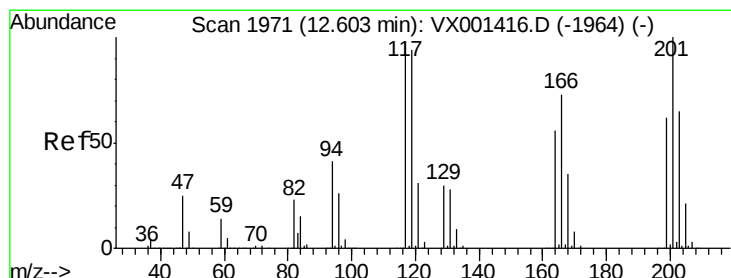
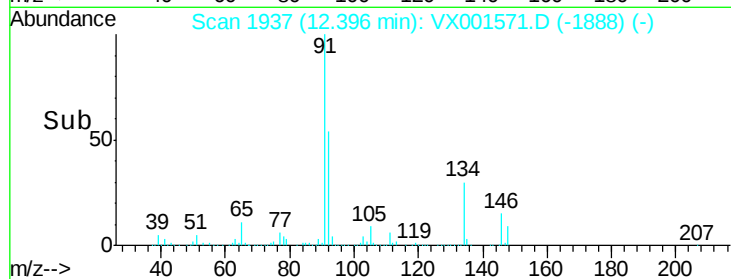
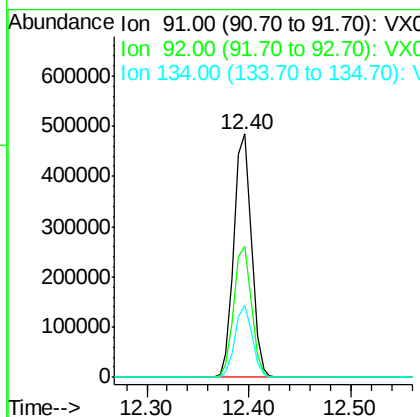
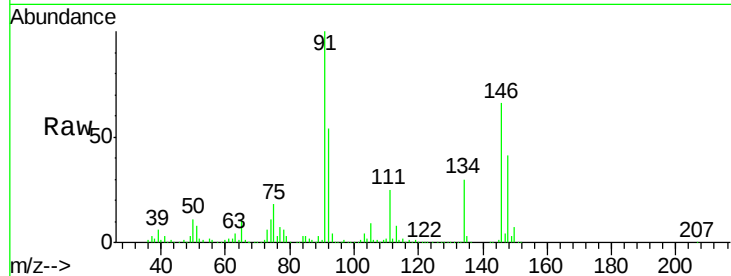




#89
n-Butylbenzene
Concen: 51.47 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

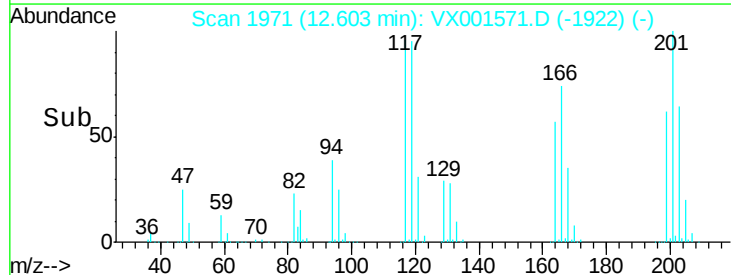
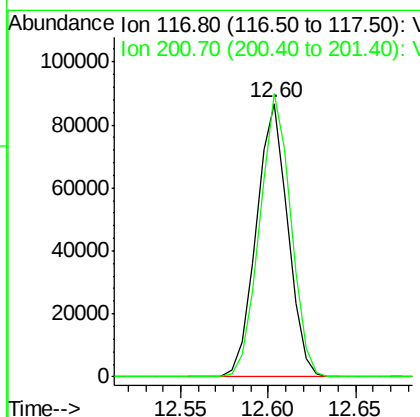
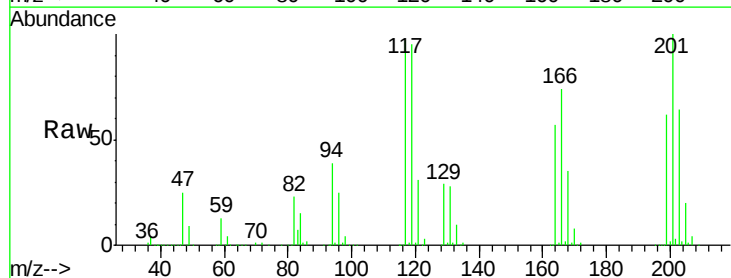
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

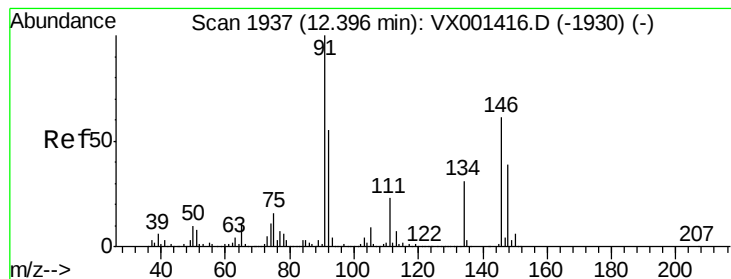
Tgt Ion: 91 Resp: 573102
Ion Ratio Lower Upper
91 100
92 53.9 27.2 81.5
134 28.8 14.6 44.0



#90
Hexachloroethane
Concen: 53.81 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001571.D
Acq: 09 May 2018 22:27

Tgt Ion: 117 Resp: 108885
Ion Ratio Lower Upper
117 100
201 102.1 51.5 154.5





#91

1,2-Dichlorobenzene

Concen: 51.21 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

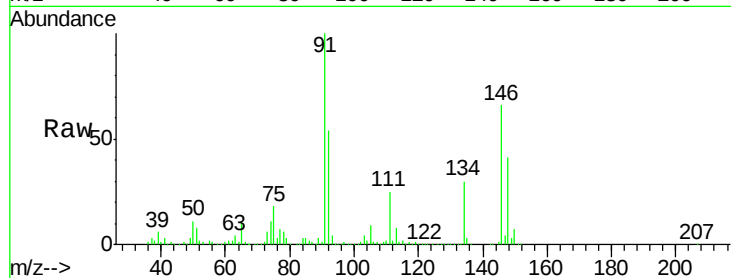
Tgt Ion:146 Resp: 398929

Ion Ratio Lower Upper

146 100

111 37.3 18.6 55.8

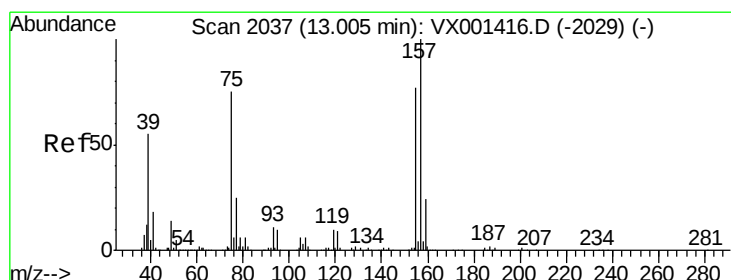
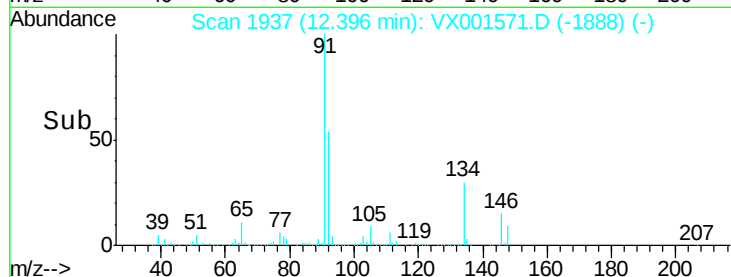
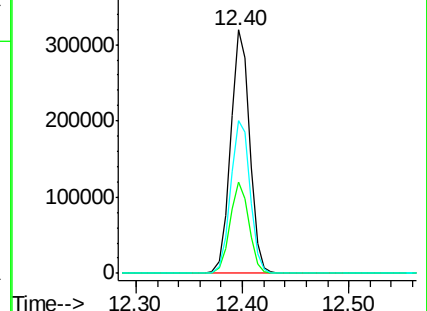
148 64.2 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.44 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

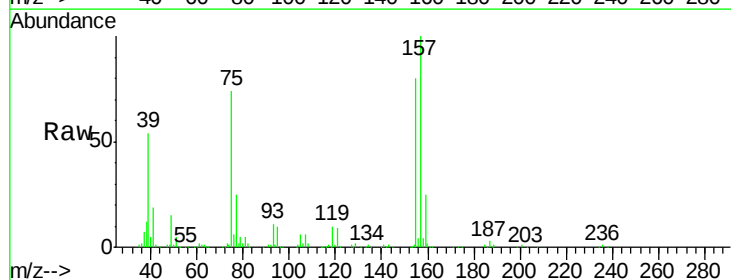
Tgt Ion: 75 Resp: 52996

Ion Ratio Lower Upper

75 100

155 108.2 53.4 160.2

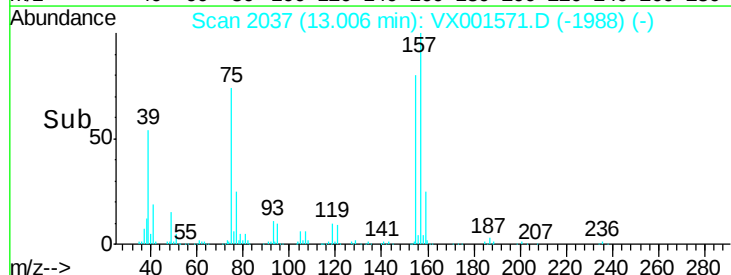
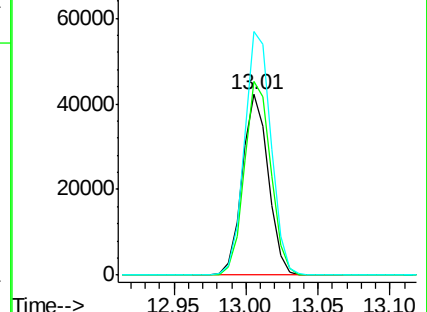
157 136.7 68.3 204.8

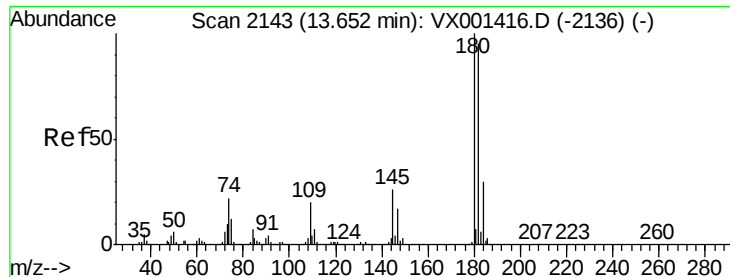


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

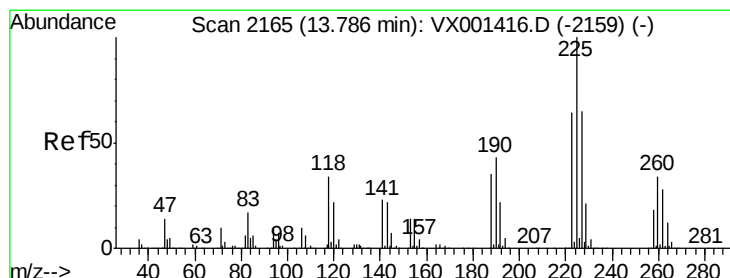
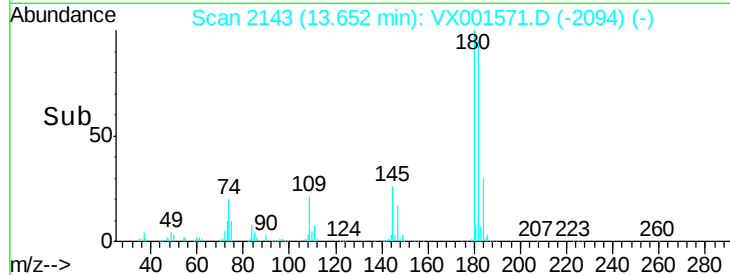
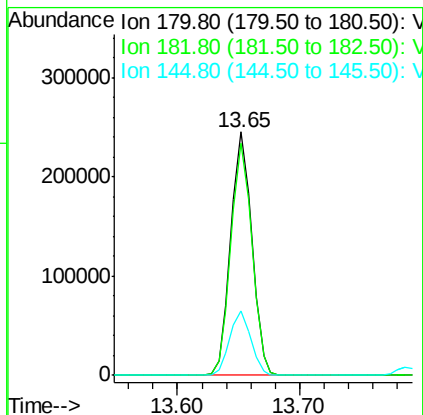
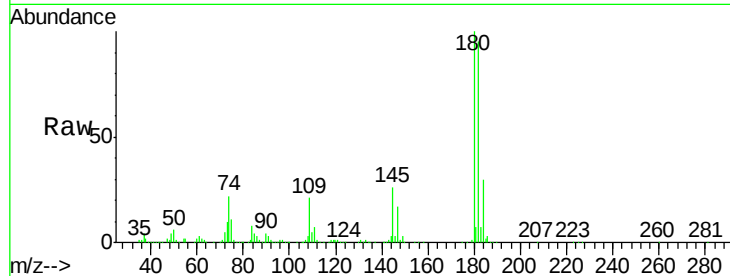




#93
 1,2,4-Trichlorobenzene
 Concen: 51.15 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

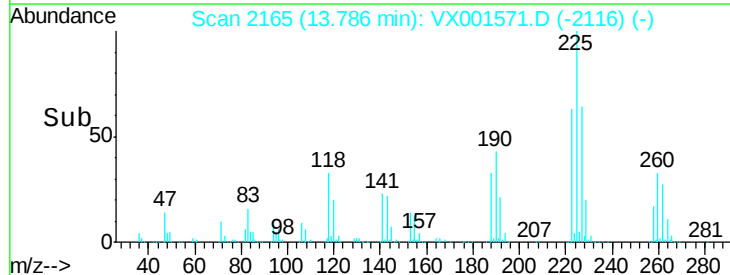
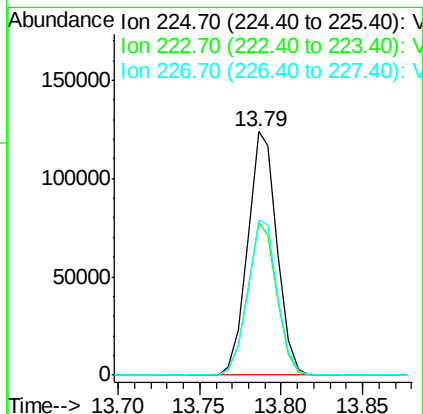
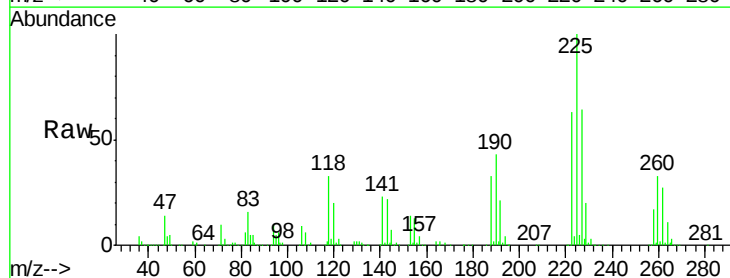
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

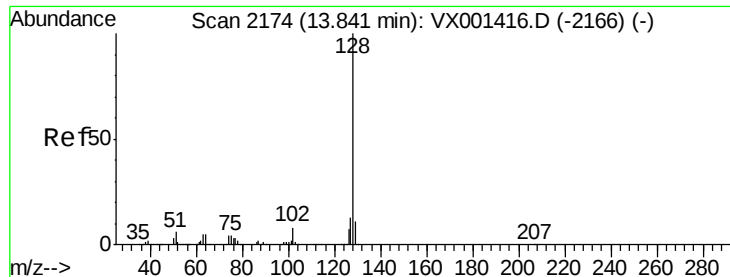
Tgt Ion:180 Resp: 291549
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.8 143.4
 145 26.4 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 49.43 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001571.D
 Acq: 09 May 2018 22:27

Tgt Ion:225 Resp: 154180
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.3 93.9
 227 64.2 32.4 97.2





#95

Naphthalene

Concen: 54.77 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

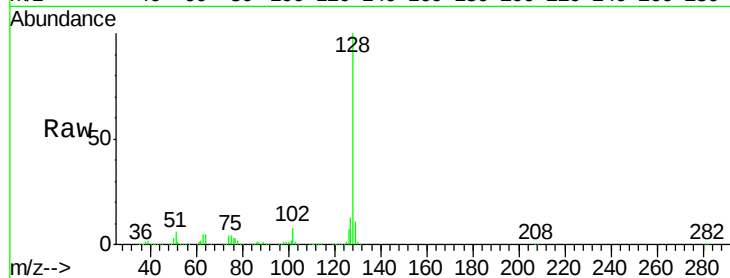
Tgt Ion:128 Resp: 863486

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

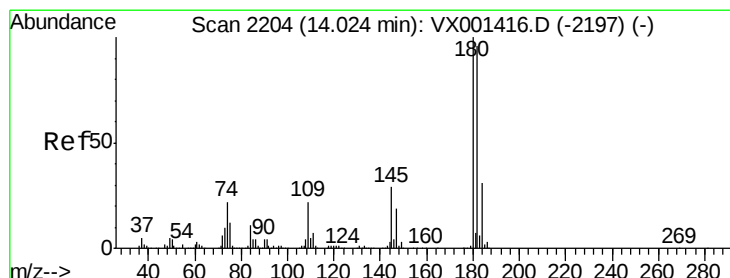
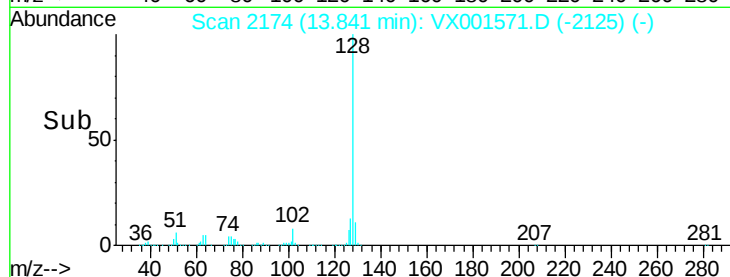
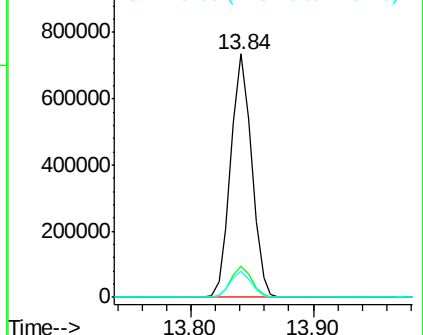
129 10.9 8.7 13.1



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: 51.77 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX001571.D

Acq: 09 May 2018 22:27

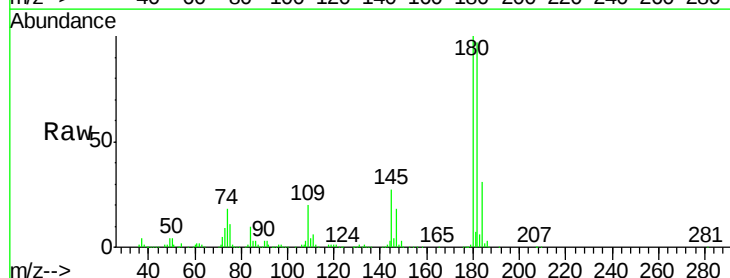
Tgt Ion:180 Resp: 302824

Ion Ratio Lower Upper

180 100

182 97.3 48.0 144.2

145 28.9 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

