

Data File : VX001329.D

Acq On : 02 May 2018 20:42

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 03 05:07:13 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	222030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	216915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	150447	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	110319	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	5.51	113	95278	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	8.72	98	351062	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
62) 4-Bromofluorobenzene	11.15	95	132467	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	92125	48.95	ug/l	97
3) Chloromethane	1.32	50	88427	47.86	ug/l	99
4) Vinyl Chloride	1.40	62	95437	49.07	ug/l	100
5) Bromomethane	1.64	94	68833	47.38	ug/l	99
6) Chloroethane	1.71	64	63872	51.95	ug/l	100
7) Trichlorofluoromethane	1.92	101	168988	51.48	ug/l	100
8) Diethyl Ether	2.19	74	60408	53.59	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	93152	49.21	ug/l	99
10) Methyl Iodide	2.51	142	138332	65.58	ug/l	100
11) Tert butyl alcohol	3.09	59	131713	325.05	ug/l	99
12) 1,1-Dichloroethene	2.37	96	84838	49.71	ug/l	98
13) Acrolein	2.30	56	50861	218.00	ug/l	99
14) Allyl chloride	2.73	41	154552	51.76	ug/l	99
15) Acrylonitrile	3.16	53	276703	294.63	ug/l	99
16) Acetone	2.45	43	268208	266.78	ug/l	99
17) Carbon Disulfide	2.57	76	200300	45.05	ug/l	99
18) Methyl Acetate	2.79	43	152095	64.06	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	306875	52.79	ug/l	99
20) Methylene Chloride	2.86	84	97329	53.78	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	90392	48.66	ug/l	98
22) Diisopropyl ether	3.89	45	311739	54.21	ug/l	98
23) Vinyl Acetate	3.84	43	1354959	278.04	ug/l	100
24) 1,1-Dichloroethane	3.70	63	171581	53.56	ug/l	99
25) 2-Butanone	4.73	43	364271	267.98	ug/l	99
26) 2,2-Dichloropropane	4.59	77	96063	36.85	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	95190	46.62	ug/l	99
28) Bromochloromethane	5.03	49	76645	53.22	ug/l	98
29) Tetrahydrofuran	5.18	42	233042	278.76	ug/l	99
30) Chloroform	5.23	83	166112	49.06	ug/l	99
31) Cyclohexane	5.57	56	127698	44.14	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	144037	48.67	ug/l	99
36) 1,1-Dichloropropene	5.80	75	116495	45.46	ug/l	99
37) Ethyl Acetate	4.88	43	139958	54.09	ug/l	100
38) Carbon Tetrachloride	5.79	117	130961	48.78	ug/l	96

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Quant Time: May 03 05:07:13 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135196	44.61	ug/l	99
40) Benzene	6.15	78	358467	48.63	ug/l	97
41) Methacrylonitrile	5.08	41	77782	51.61	ug/l	99
42) 1,2-Dichloroethane	6.21	62	137042	48.01	ug/l	99
43) Isopropyl Acetate	6.48	43	221067	52.77	ug/l	99
44) Trichloroethene	7.22	130	106757	47.31	ug/l	95
45) 1,2-Dichloropropane	7.52	63	92638	48.94	ug/l	96
46) Dibromomethane	7.67	93	65608	49.44	ug/l	100
47) Bromodichloromethane	7.91	83	123318	51.98	ug/l	99
48) Methyl methacrylate	7.79	41	117675	52.84	ug/l	99
49) 1,4-Dioxane	7.77	88	52543	1250.29	ug/l #	93
51) 4-Methyl-2-Pentanone	8.66	43	772171	285.91	ug/l	98
52) Toluene	8.79	92	237956	49.38	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	138482	49.08	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	130371	50.22	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	100641	51.70	ug/l	97
56) Ethyl methacrylate	9.19	69	147449	54.67	ug/l	99
57) 1,3-Dichloropropane	9.38	76	158955	50.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	355125	272.92	ug/l	99
59) 2-Hexanone	9.51	43	610640	289.29	ug/l	100
60) Dibromochloromethane	9.59	129	109237	53.80	ug/l	99
61) 1,2-Dibromoethane	9.68	107	107718	52.21	ug/l	100
64) Tetrachloroethene	9.34	164	125835	48.97	ug/l	98
65) Chlorobenzene	10.15	112	279997	47.46	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	105515	51.53	ug/l	99
67) Ethyl Benzene	10.26	91	463030	47.63	ug/l	99
68) m/p-Xylenes	10.37	106	369960	96.72	ug/l	99
69) o-Xylene	10.71	106	180682	48.70	ug/l	99
70) Styrene	10.72	104	300049	49.45	ug/l	99
71) Bromoform	10.87	173	91546	46.57	ug/l	100
73) Isopropylbenzene	11.02	105	485869	48.27	ug/l	100
74) N-amyl acetate	6.48	43	221067	51.20	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	157298	52.16	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	175490	63.08	ug/l	91
77) Bromobenzene	11.26	156	142295	49.02	ug/l	98
78) n-propylbenzene	11.37	91	537628	48.07	ug/l	99
79) 2-Chlorotoluene	11.43	91	324974	48.15	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	419155	49.59	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	37133	43.99	ug/l	95
82) 4-Chlorotoluene	11.52	91	388150	47.81	ug/l	100
83) tert-Butylbenzene	11.77	119	415795	49.33	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	432465	49.93	ug/l	100
85) sec-Butylbenzene	11.95	105	494368	49.02	ug/l	100
86) p-Isopropyltoluene	12.07	119	453659	49.04	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	253784	46.82	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	259558	46.45	ug/l	99
89) n-Butylbenzene	12.40	91	377448	46.75	ug/l	100
90) Hexachloroethane	12.60	117	69061	51.55	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	263126	48.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	36549	59.97	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050218\
Quantitation Report (Not Reviewed)

Data File : VX001329.D
Acq On : 02 May 2018 20:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

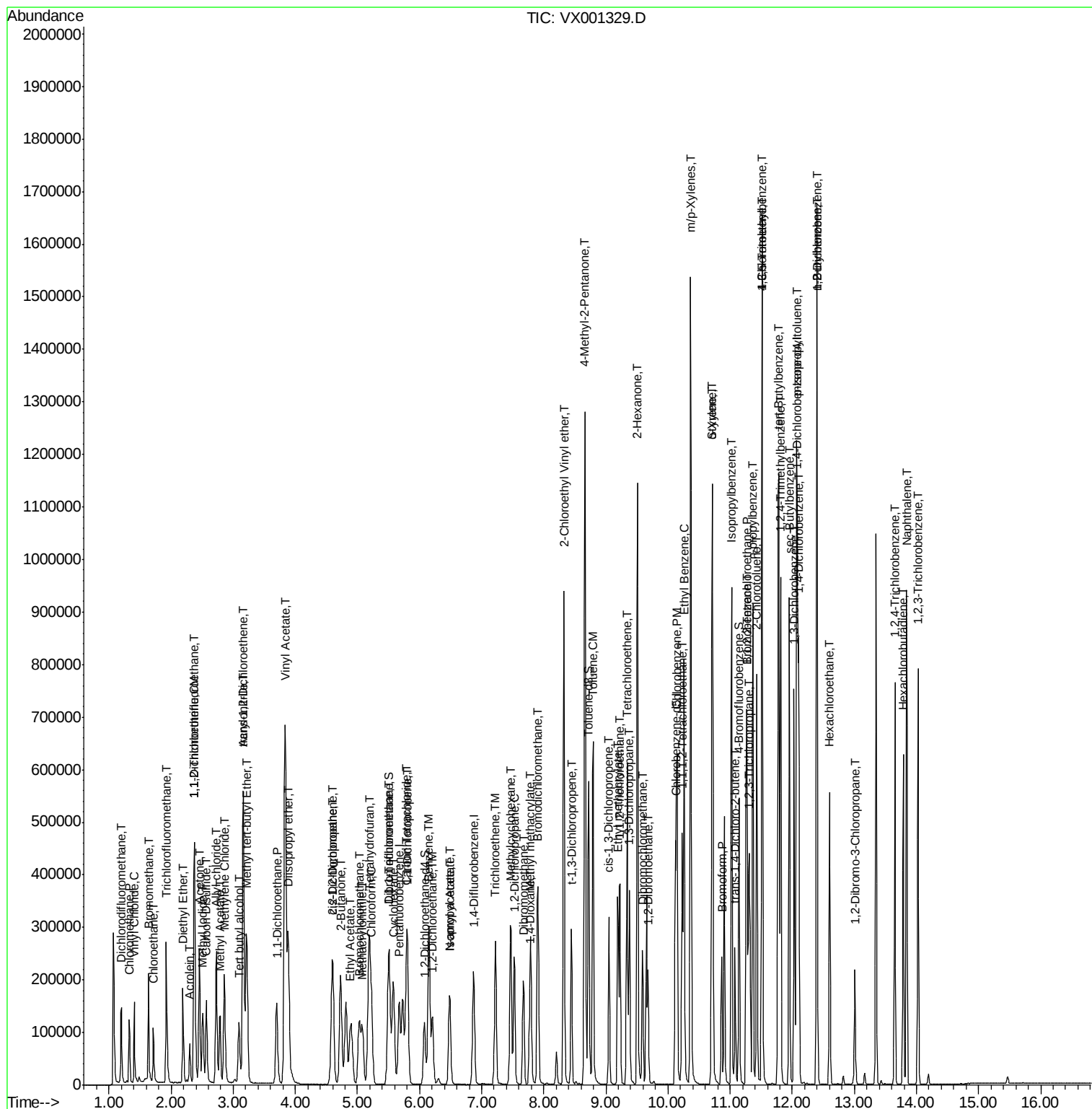
Quant Time: May 03 05:07:13 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

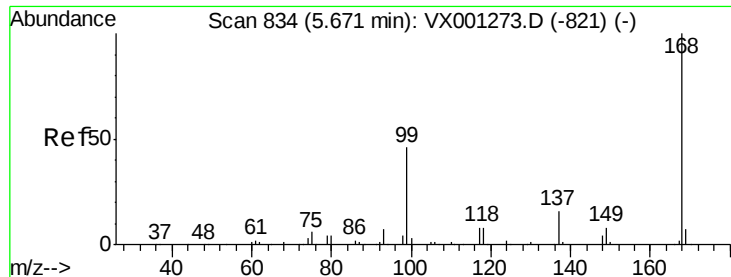
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	191874	44.22	ug/l	99
94) Hexachlorobutadiene	13.79	225	101983	44.92	ug/l	99
95) Naphthalene	13.84	128	574026	52.14	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	201712	47.35	ug/l	99

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

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ALS Vial      : 22      Sample Multiplier: 1
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

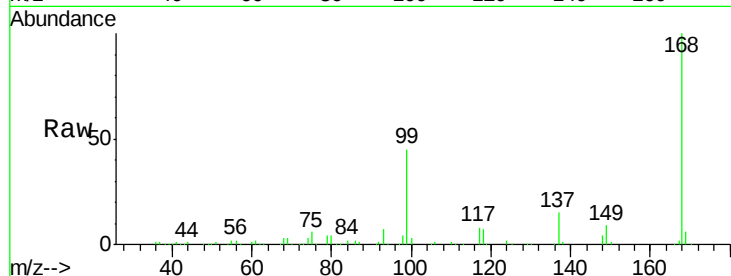
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 170142

Ion Ratio Lower Upper

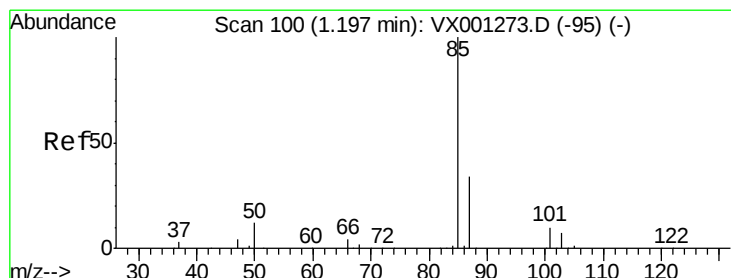
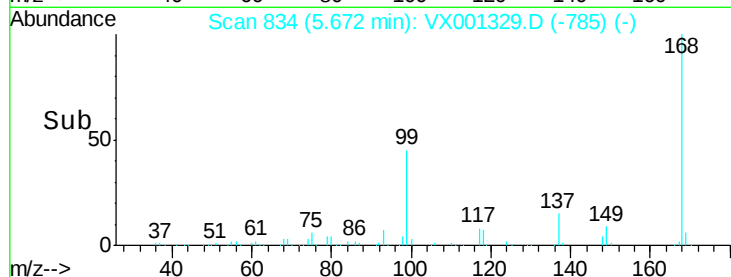
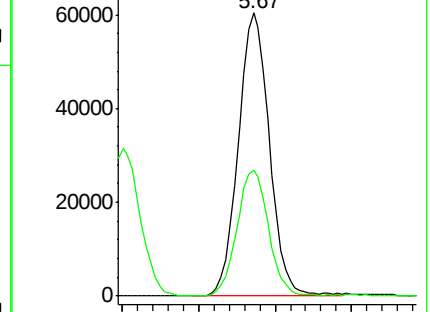
168 100

99 44.4 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.95 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001329.D

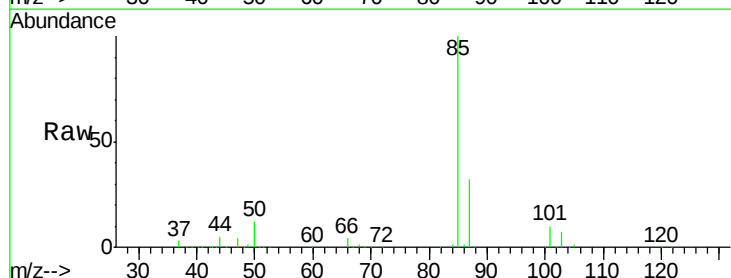
Acq: 02 May 2018 20:42

Tgt Ion: 85 Resp: 92125

Ion Ratio Lower Upper

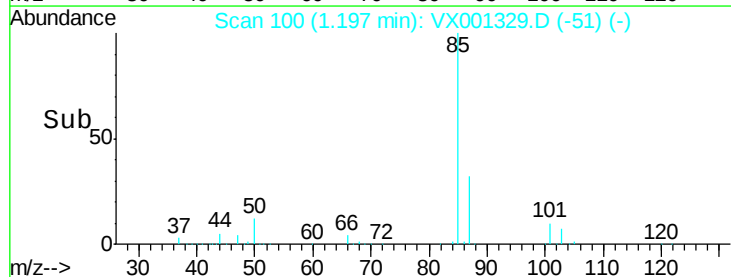
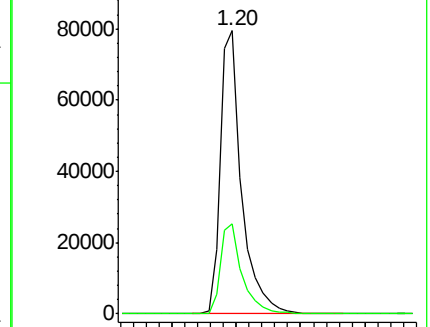
85 100

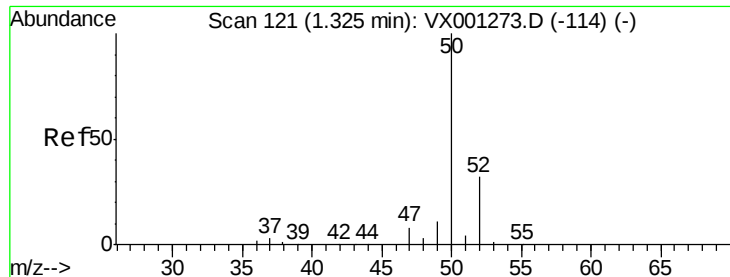
87 32.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

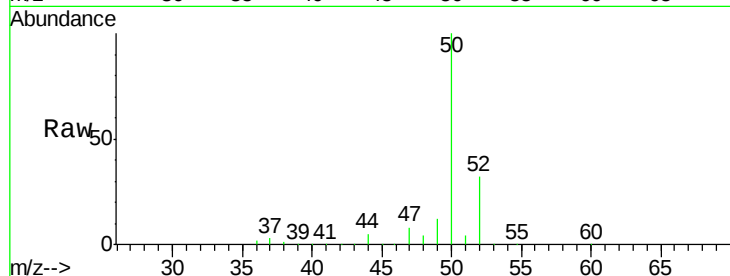
VSTDCCC050EC

Tgt Ion: 50 Resp: 88427

Ion Ratio Lower Upper

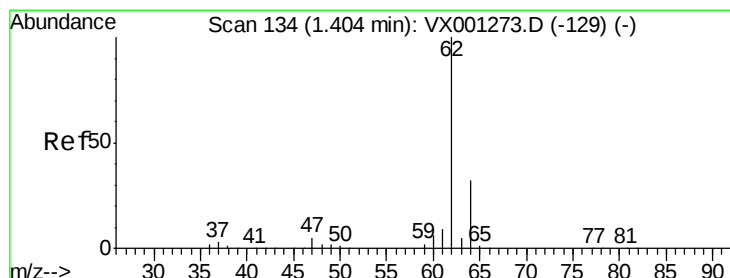
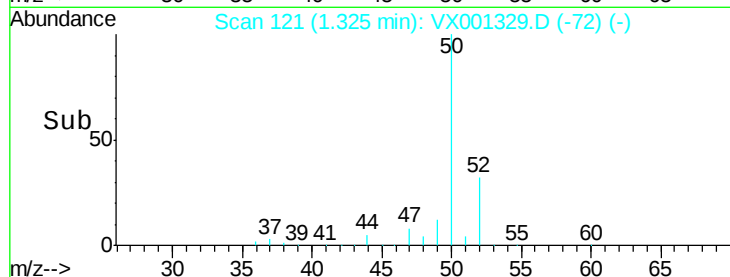
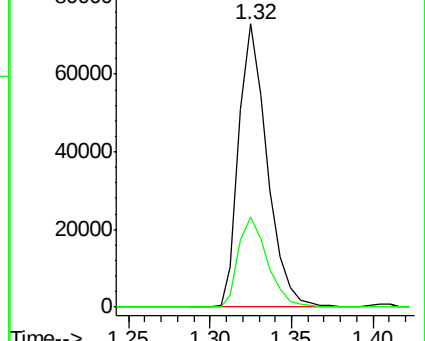
50 100

52 31.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.07 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001329.D

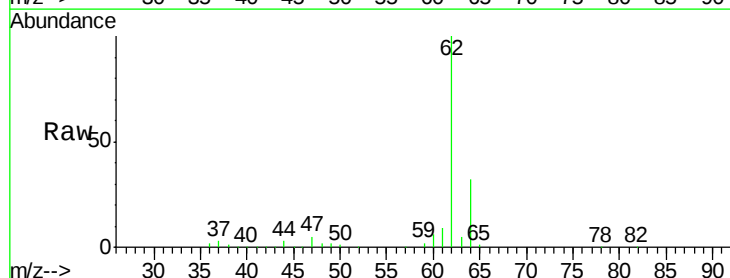
Acq: 02 May 2018 20:42

Tgt Ion: 62 Resp: 95437

Ion Ratio Lower Upper

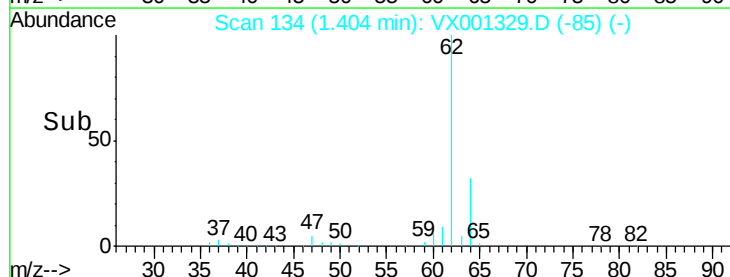
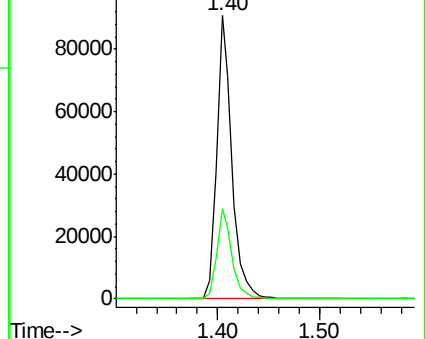
62 100

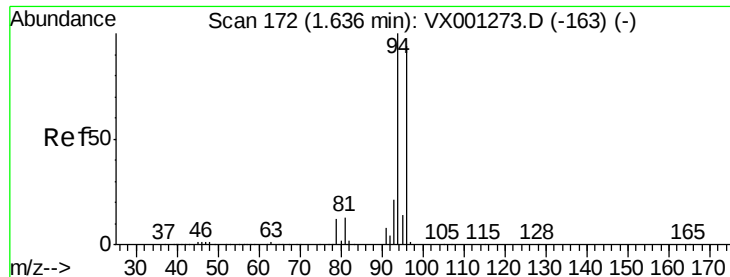
64 31.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.38 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

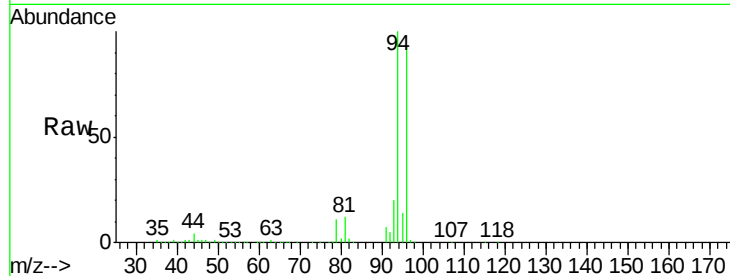
VSTDCCC050EC

Tgt Ion: 94 Resp: 68833

Ion Ratio Lower Upper

94 100

96 93.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

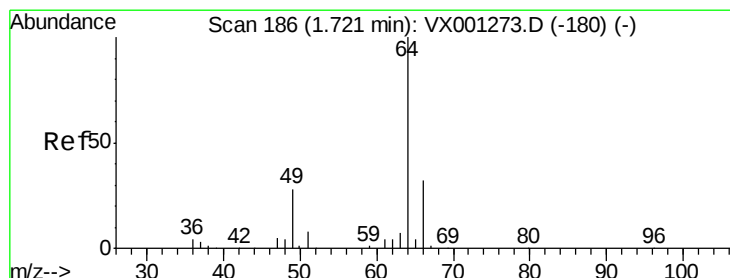
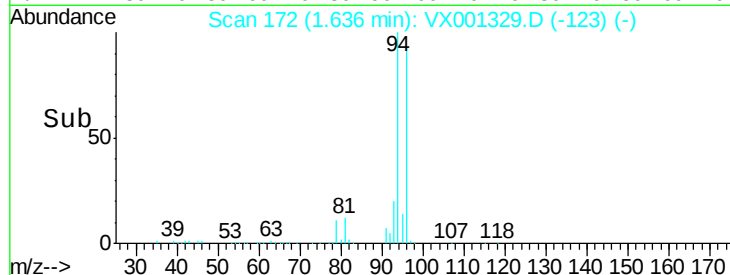
40000

20000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 51.95 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001329.D

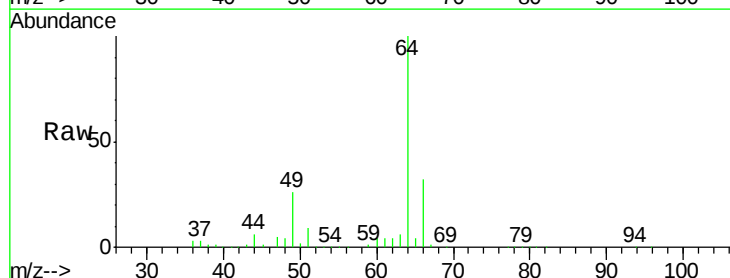
Acq: 02 May 2018 20:42

Tgt Ion: 64 Resp: 63872

Ion Ratio Lower Upper

64 100

66 32.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

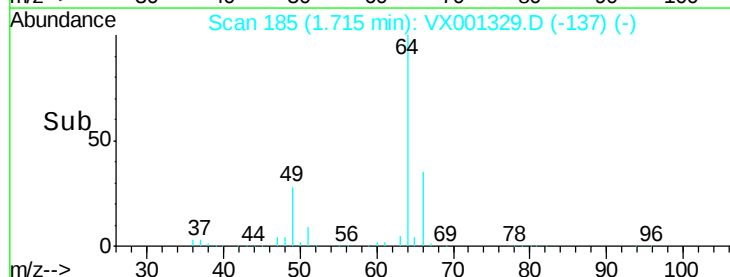
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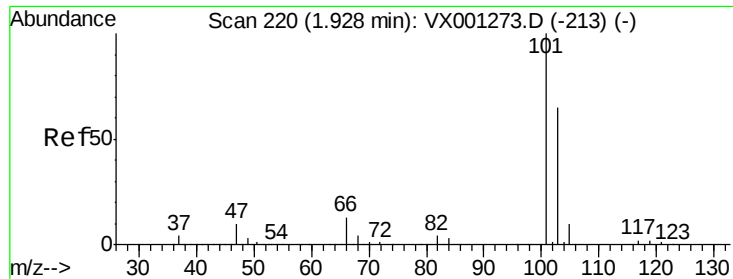
10000

0

Time-->

1.65 1.70 1.75 1.80





#7

Trichlorofluoromethane

Concen: 51.48 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

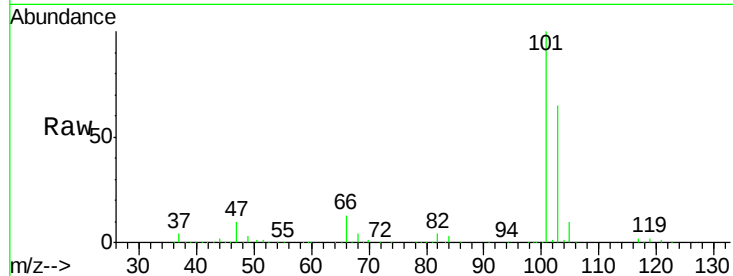
VSTDCCC050EC

Tgt Ion:101 Resp: 168988

Ion Ratio Lower Upper

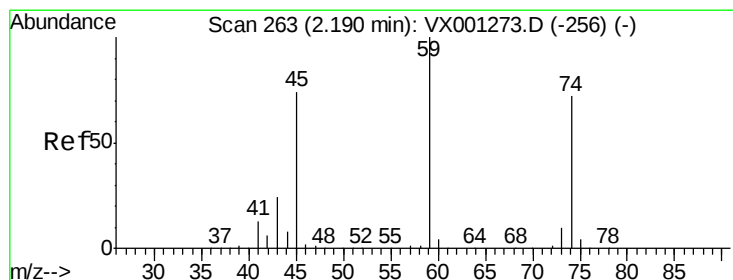
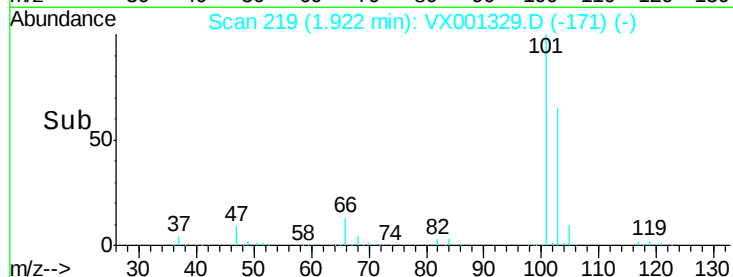
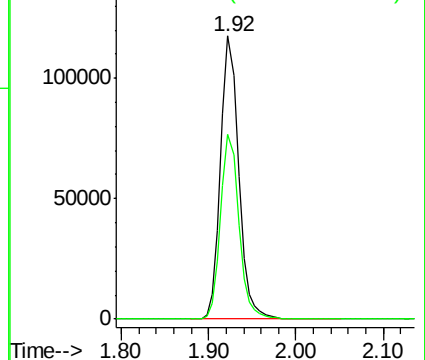
101 100

103 65.2 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 53.59 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001329.D

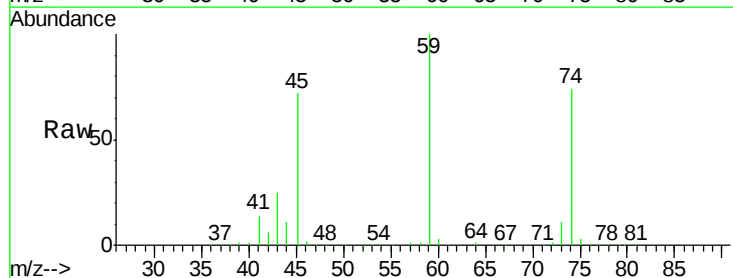
Acq: 02 May 2018 20:42

Tgt Ion: 74 Resp: 60408

Ion Ratio Lower Upper

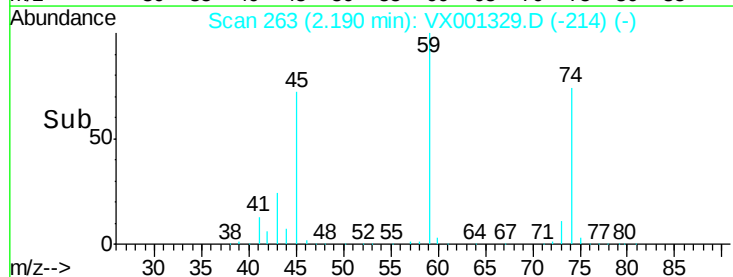
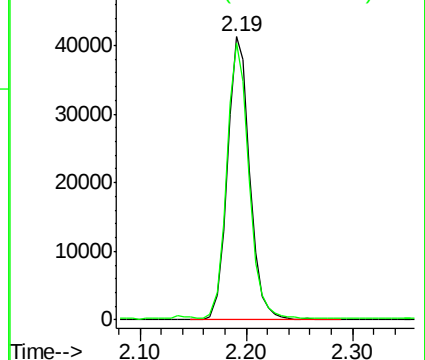
74 100

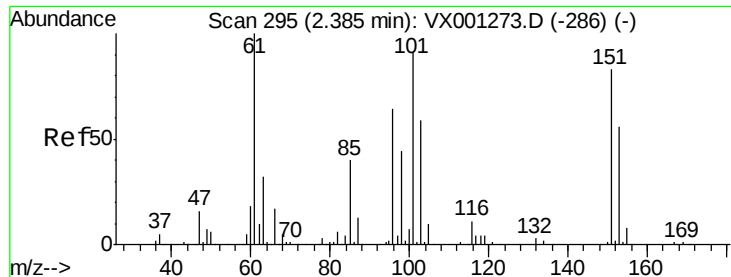
45 96.6 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.21 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

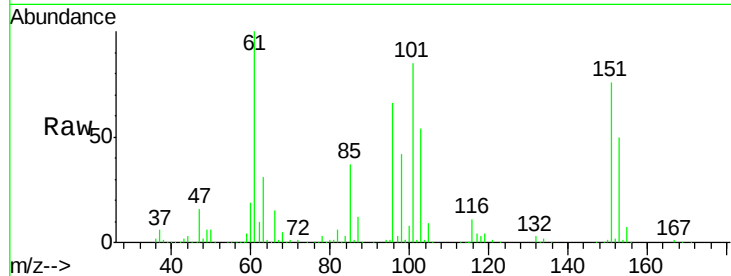
Tgt Ion:101 Resp: 93152

Ion Ratio Lower Upper

101 100

85 44.4 35.6 53.4

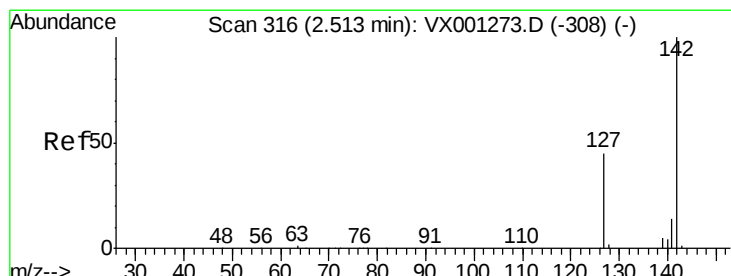
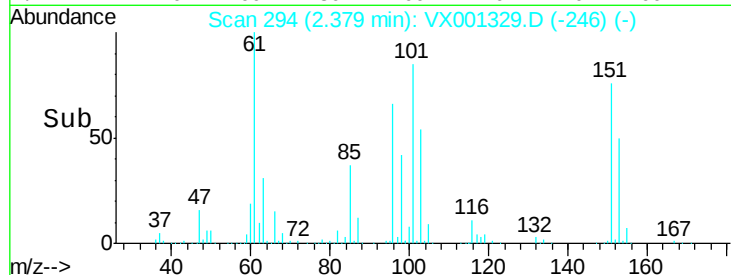
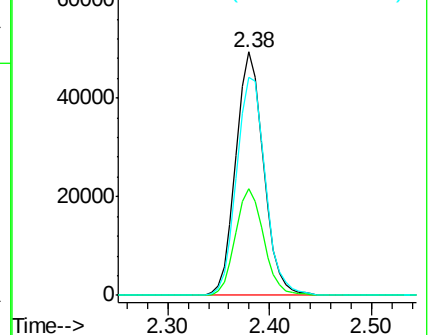
151 92.4 74.8 112.2



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: 65.58 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

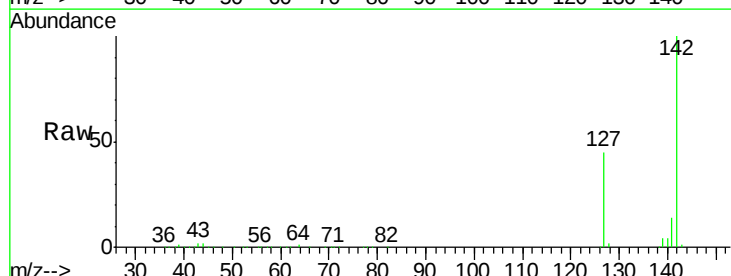
Tgt Ion:142 Resp: 138332

Ion Ratio Lower Upper

142 100

127 44.3 35.7 53.5

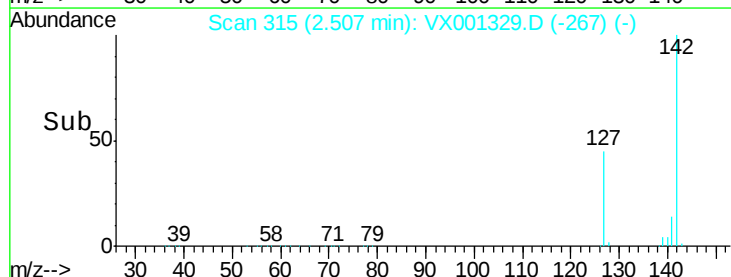
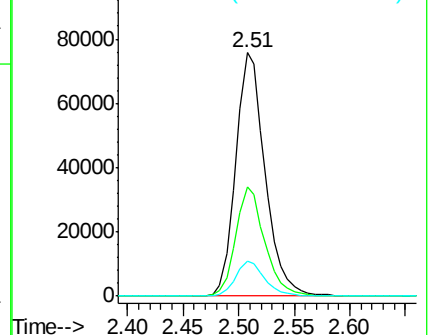
141 14.4 11.4 17.0

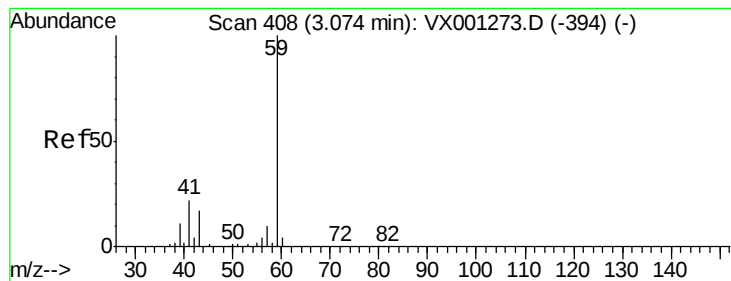


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



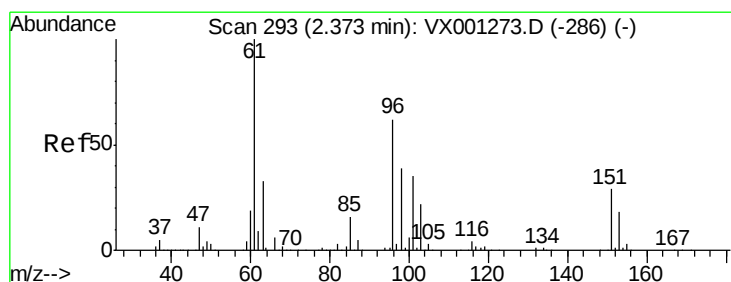
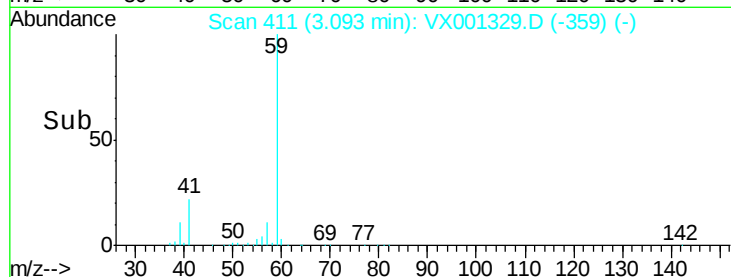
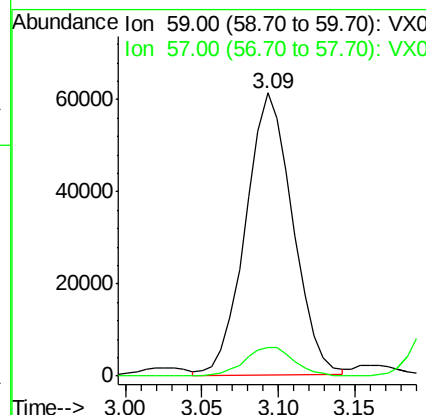
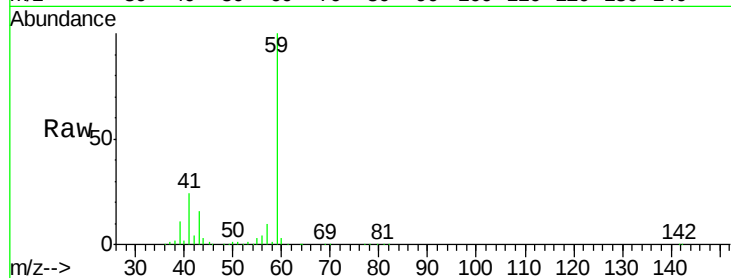


#11

Tert butyl alcohol
 Concen: 325.05 ug/l
 RT: 3.09 min Scan# 411
 Delta R.T. 0.02 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

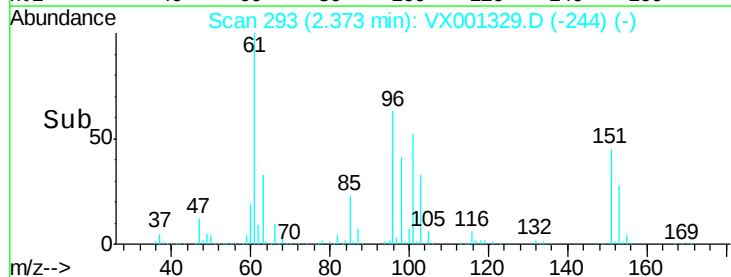
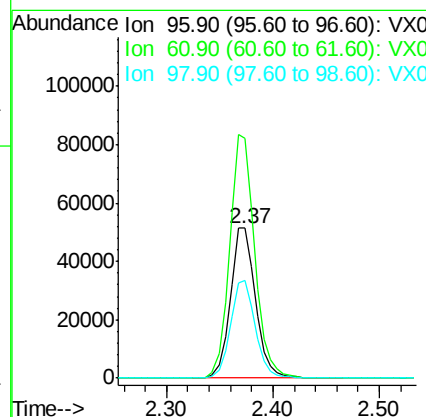
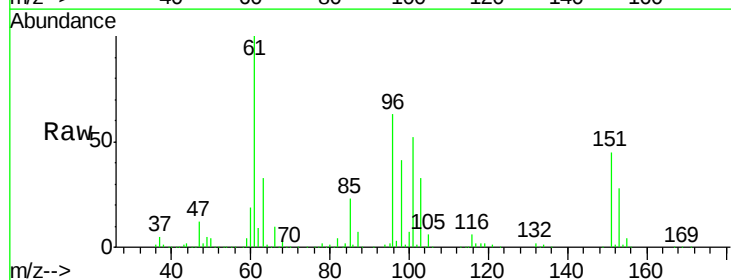
Tgt Ion: 59 Resp: 131713
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.6 12.8

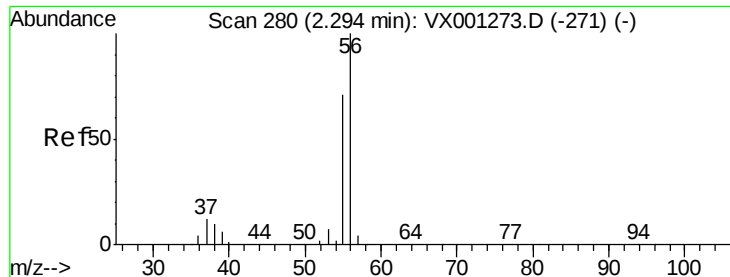


#12

1,1-Dichloroethene
 Concen: 49.71 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

Tgt Ion: 96 Resp: 84838
 Ion Ratio Lower Upper
 96 100
 61 159.9 130.1 195.1
 98 65.6 50.3 75.5





#13

Acrolein

Concen: 218.00 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

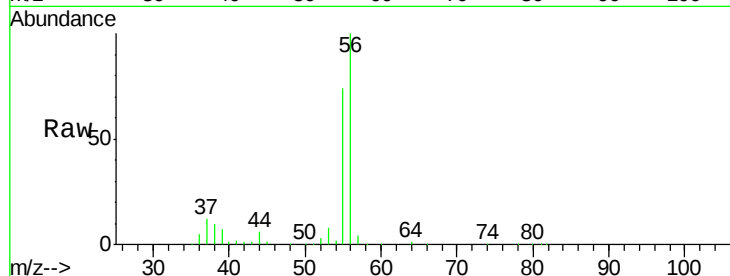
VSTDCCC050EC

Tgt Ion: 56 Resp: 50861

Ion Ratio Lower Upper

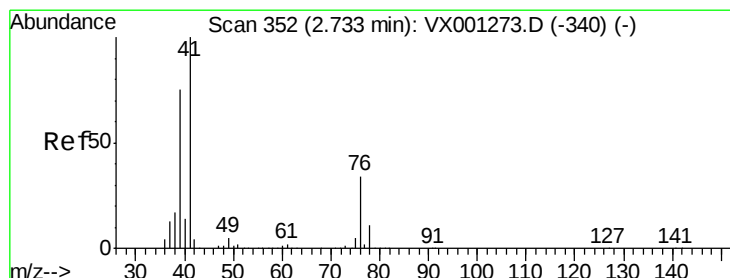
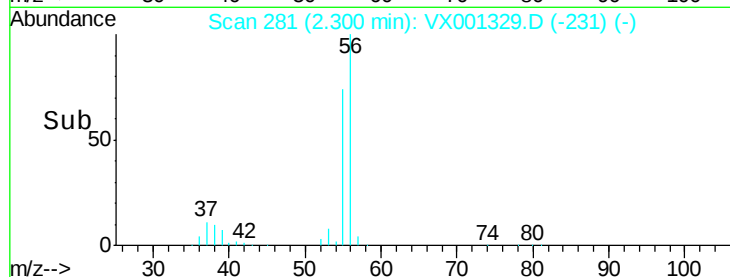
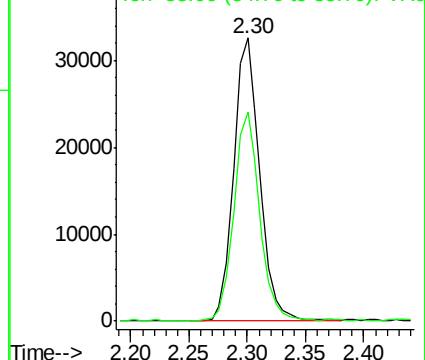
56 100

55 72.2 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.76 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

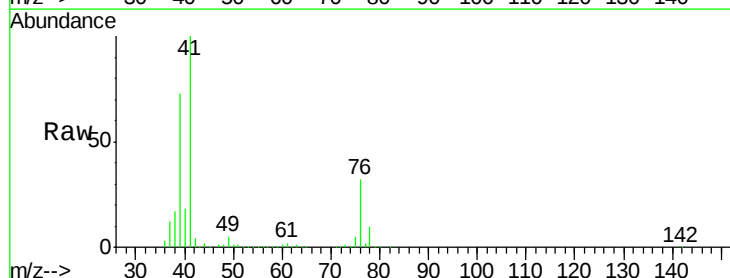
Tgt Ion: 41 Resp: 154552

Ion Ratio Lower Upper

41 100

39 71.4 58.1 87.1

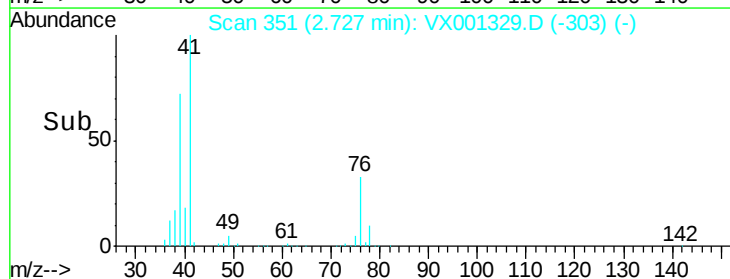
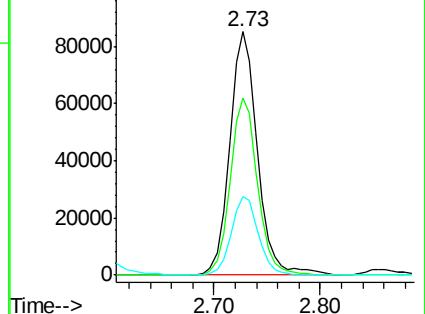
76 32.1 25.1 37.7

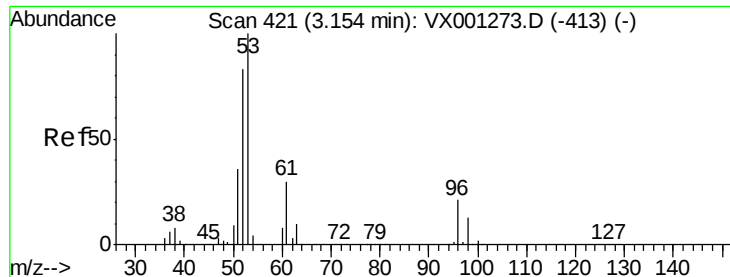


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 294.63 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

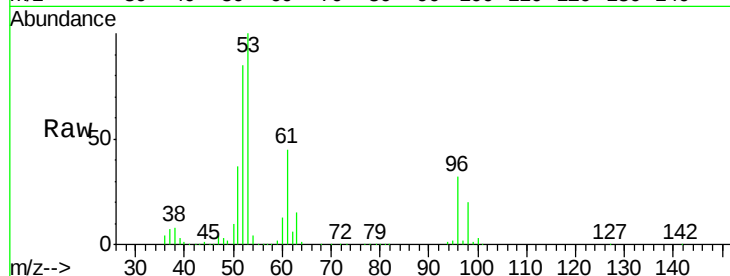
Tgt Ion: 53 Resp: 276703

Ion Ratio Lower Upper

53 100

52 83.4 67.0 100.4

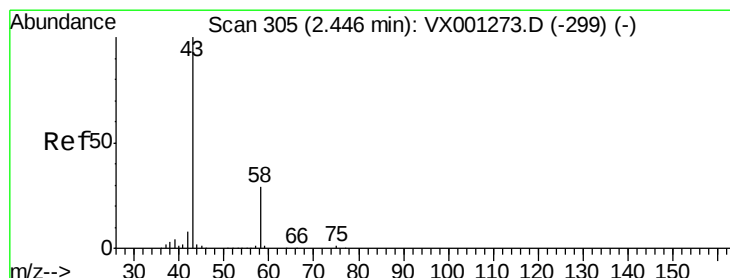
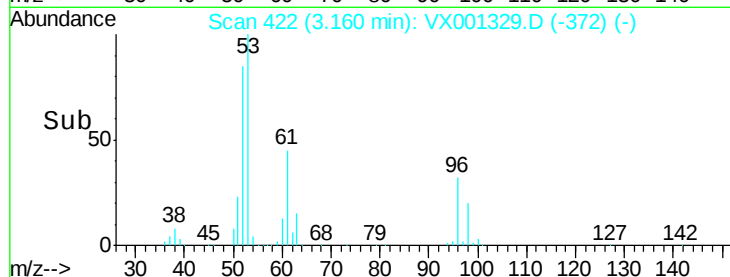
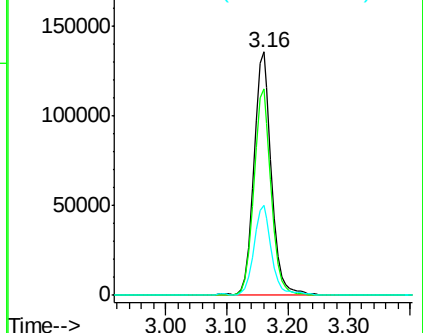
51 36.9 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 266.78 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001329.D

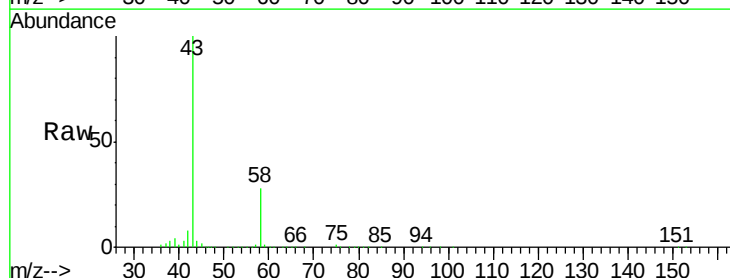
Acq: 02 May 2018 20:42

Tgt Ion: 43 Resp: 268208

Ion Ratio Lower Upper

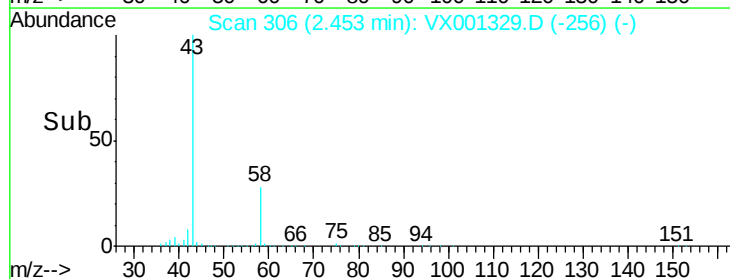
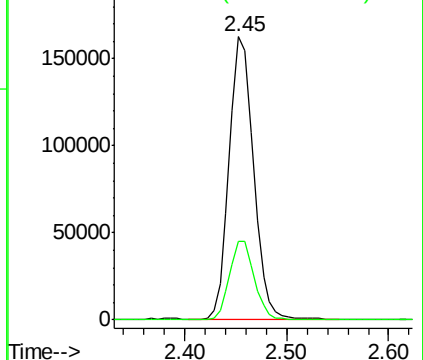
43 100

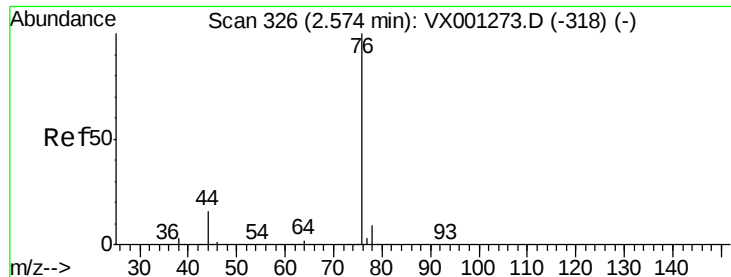
58 27.9 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

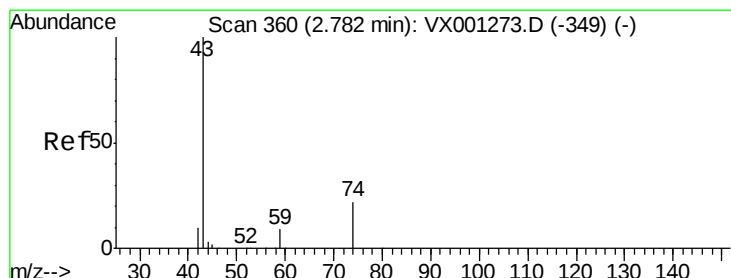
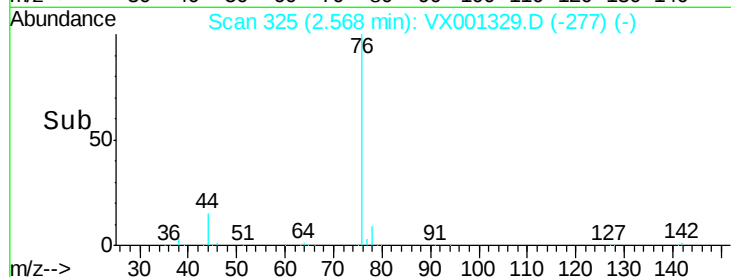
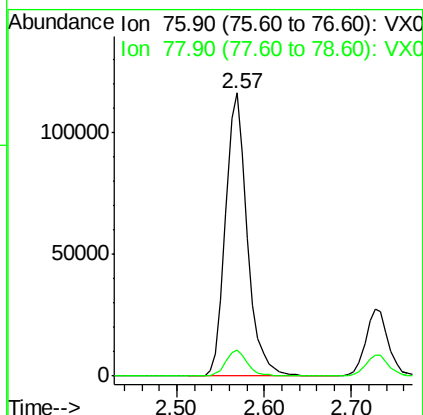
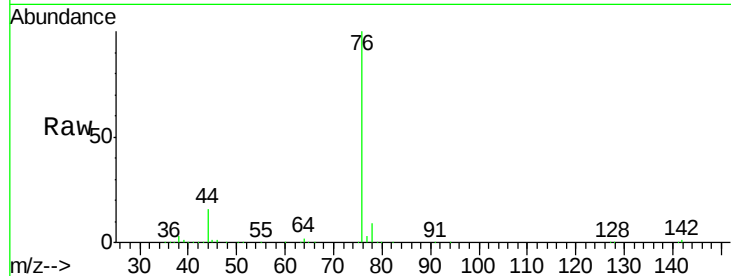




#17
Carbon Disulfide
Concen: 45.05 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

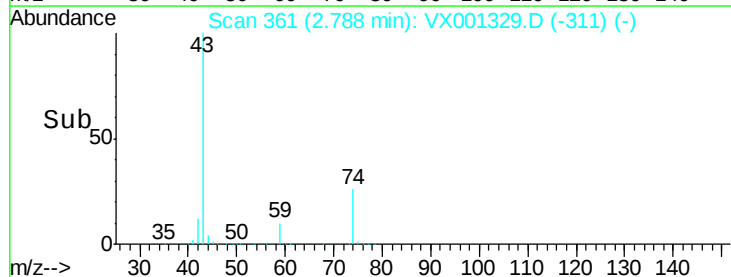
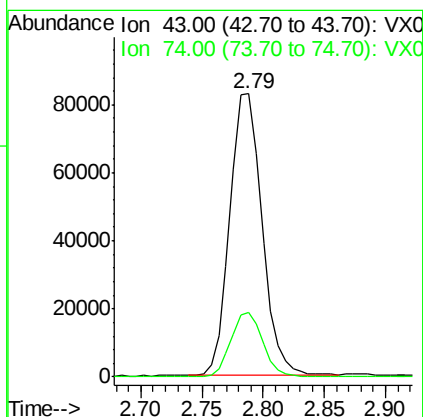
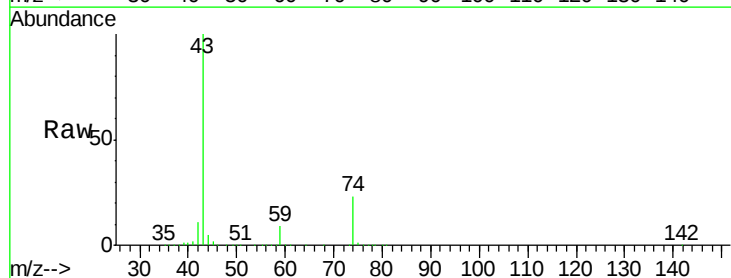
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

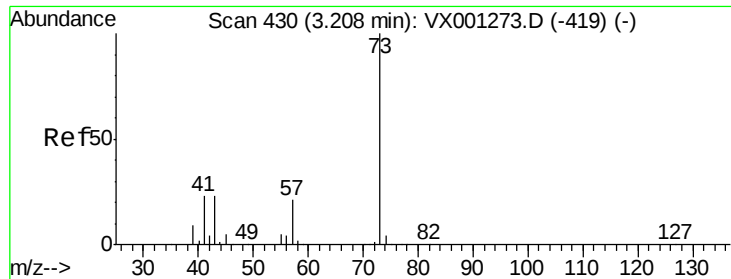
Tgt Ion: 76 Resp: 200300
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 64.06 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

Tgt Ion: 43 Resp: 152095
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.6

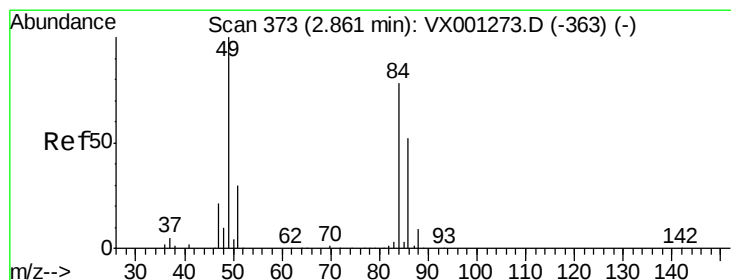
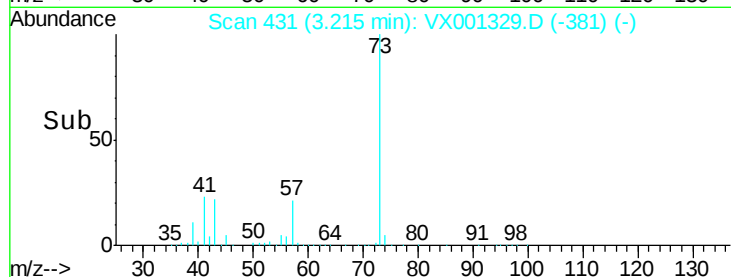
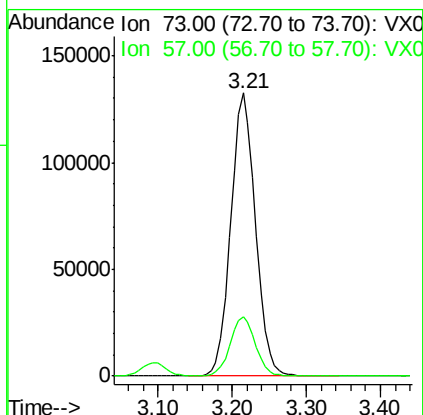
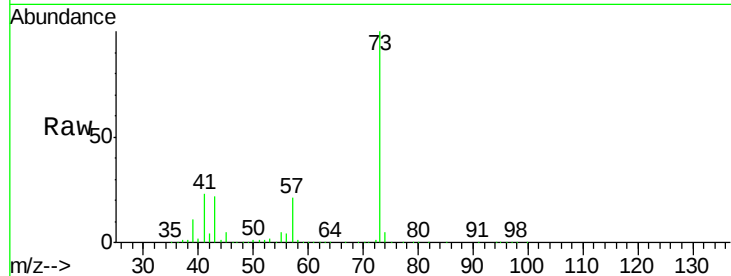




#19
Methyl tert-butyl Ether
Concen: 52.79 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

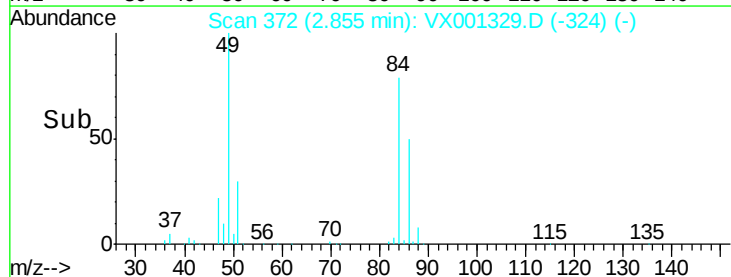
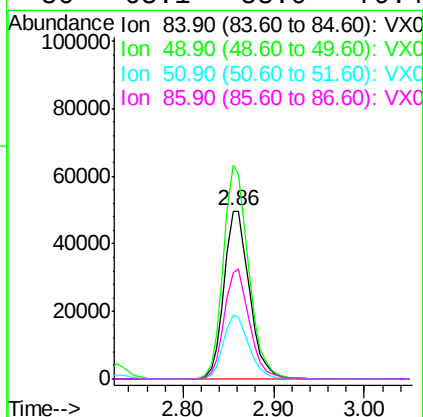
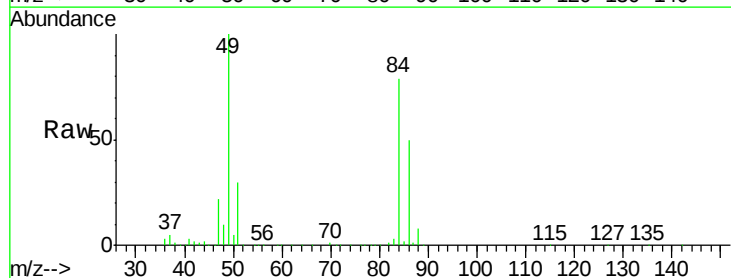
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

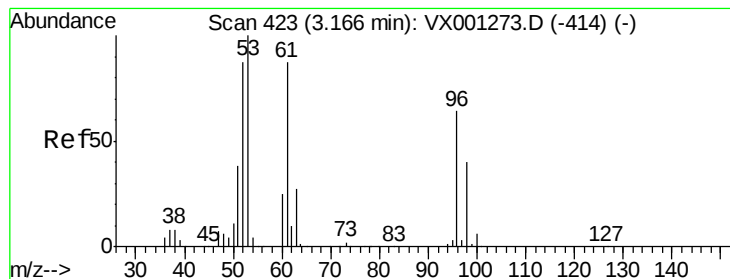
Tgt Ion: 73 Resp: 306875
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2



#20
Methylene Chloride
Concen: 53.78 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

Tgt Ion: 84 Resp: 97329
Ion Ratio Lower Upper
84 100
49 126.9 102.8 154.2
51 37.8 30.9 46.3
86 63.1 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 48.66 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

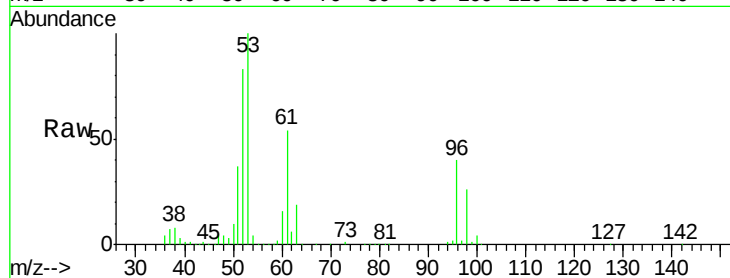
Tgt Ion: 96 Resp: 90392

Ion Ratio Lower Upper

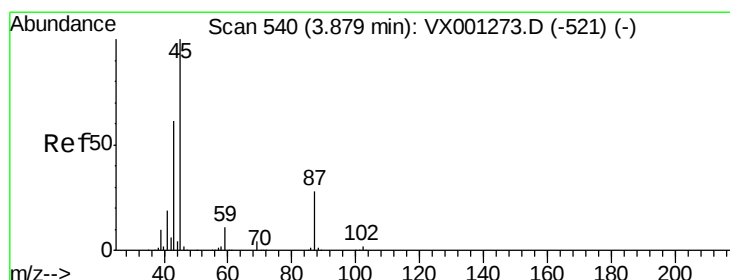
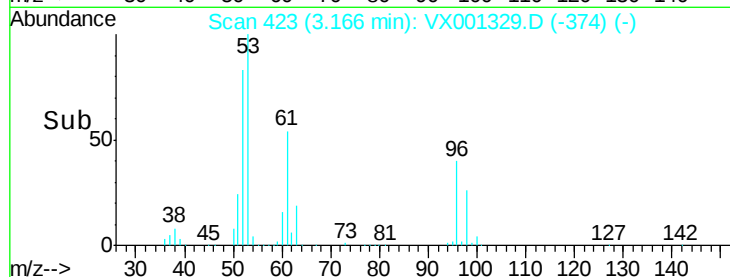
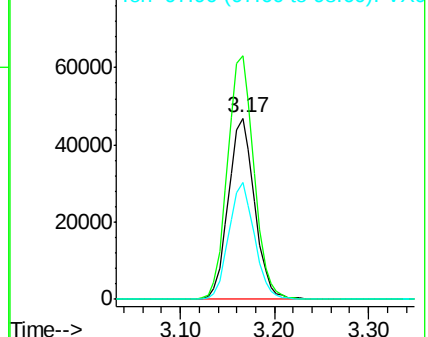
96 100

61 134.4 108.6 162.8

98 64.3 49.7 74.5



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: 54.21 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Tgt Ion: 45 Resp: 311739

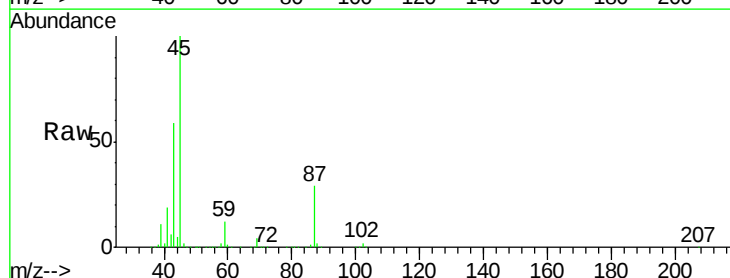
Ion Ratio Lower Upper

45 100

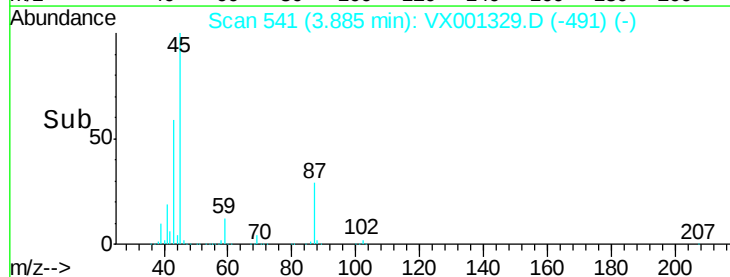
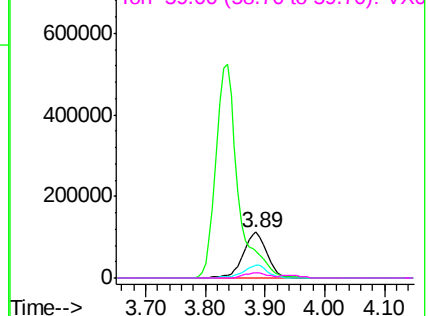
43 59.0 48.7 73.1

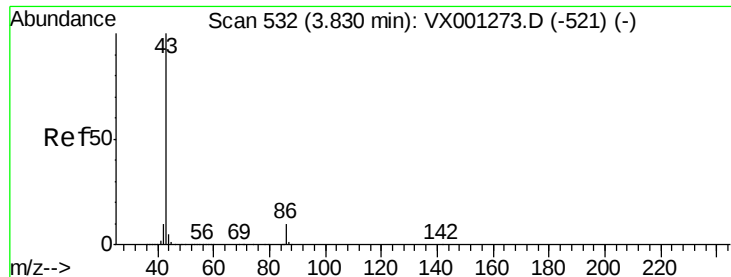
87 28.7 22.2 33.4

59 11.9 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: 278.04 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

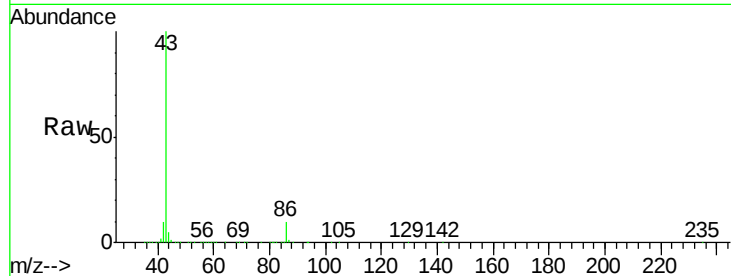
VSTDCCC050EC

Tgt Ion: 43 Resp: 1354959

Ion Ratio Lower Upper

43 100

86 10.2 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

500000

400000

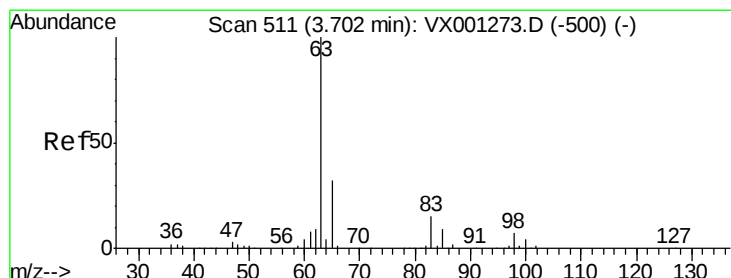
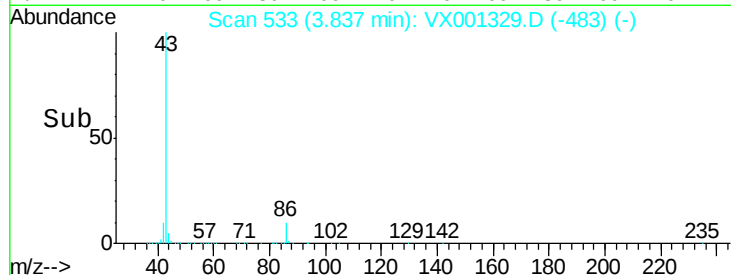
300000

200000

100000

0

Time--> 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 53.56 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

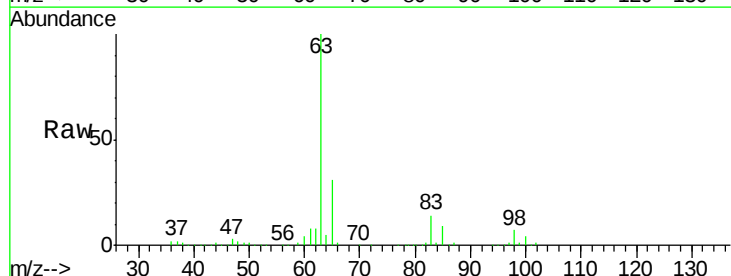
Tgt Ion: 63 Resp: 171581

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.0 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

100000

80000

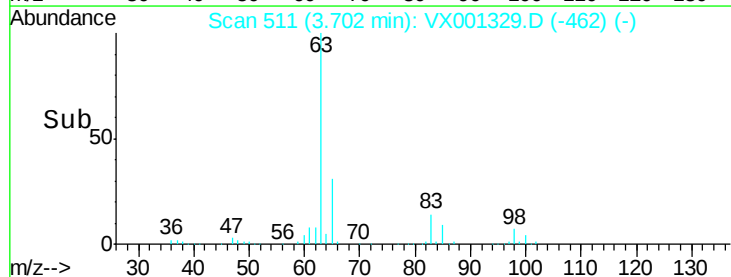
60000

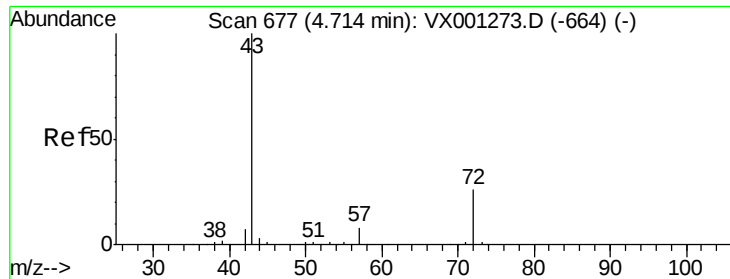
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 267.98 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

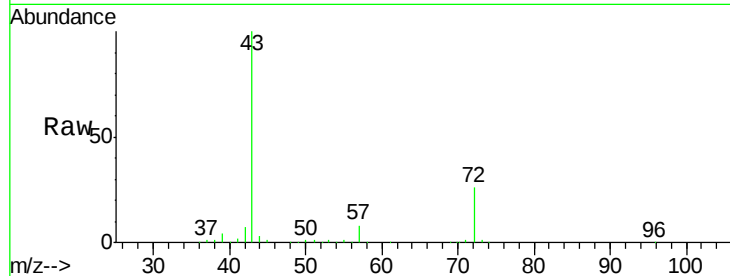
VSTDCCC050EC

Tgt Ion: 43 Resp: 364271

Ion Ratio Lower Upper

43 100

72 26.1 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

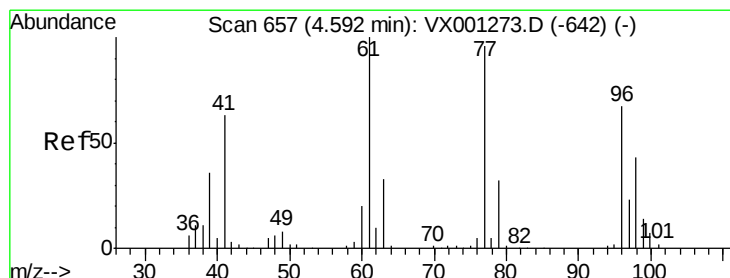
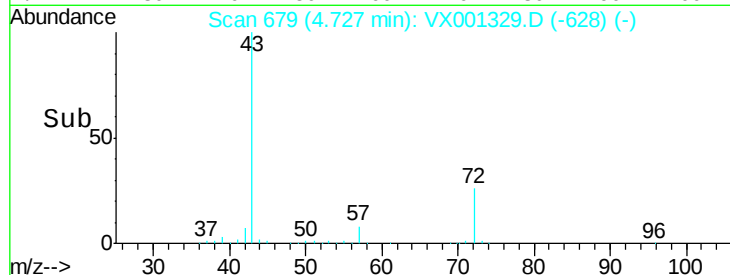
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 36.85 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001329.D

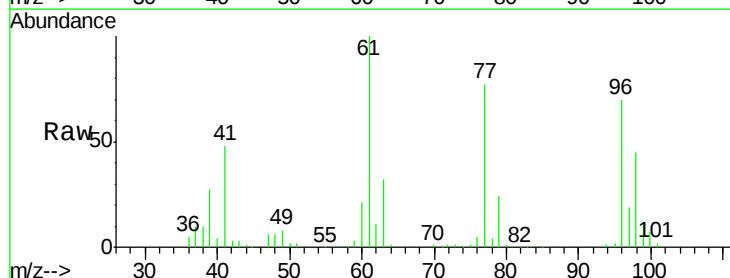
Acq: 02 May 2018 20:42

Tgt Ion: 77 Resp: 96063

Ion Ratio Lower Upper

77 100

97 24.4 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

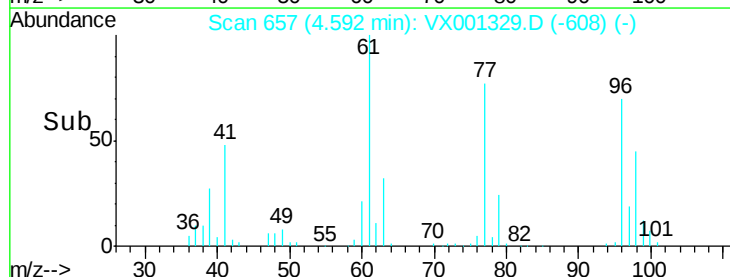
20000

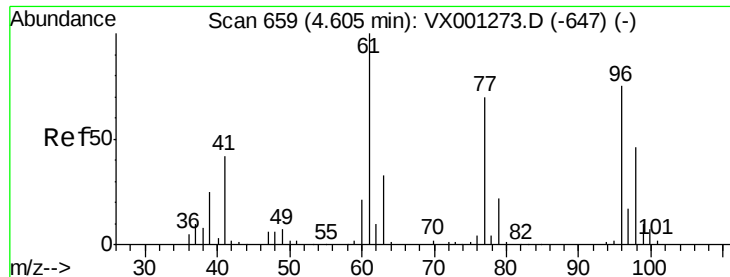
10000

0

4.50 4.60 4.70

Time-->



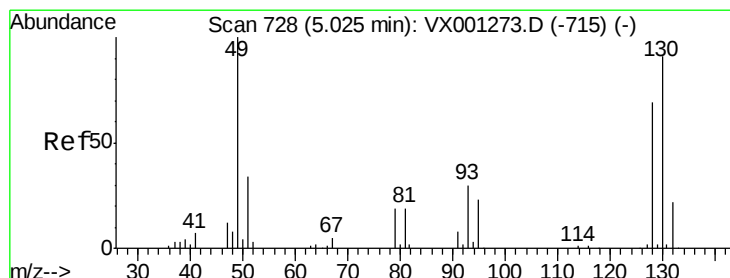
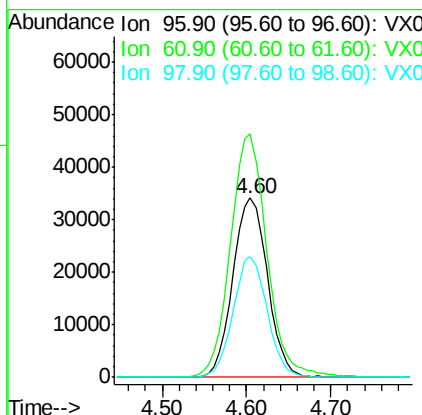
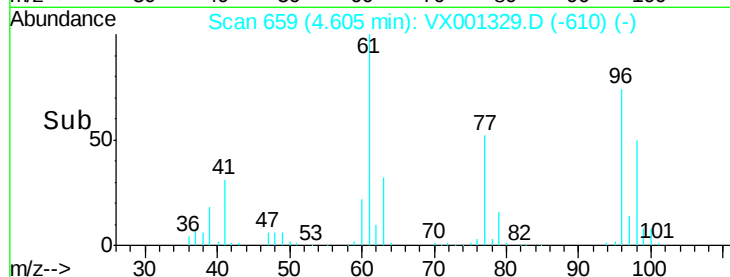
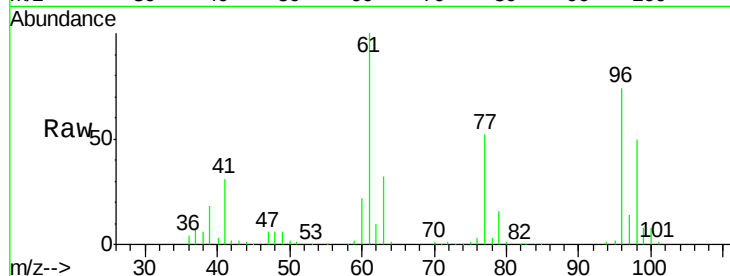


#27

cis-1,2-Dichloroethene
Concen: 46.62 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

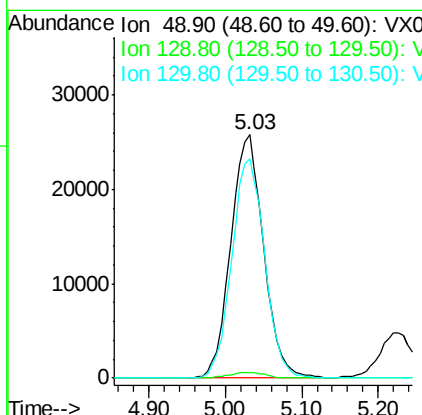
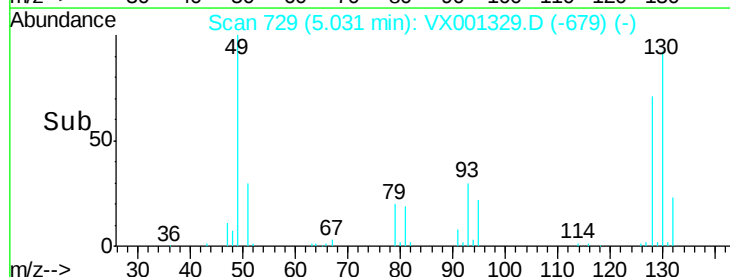
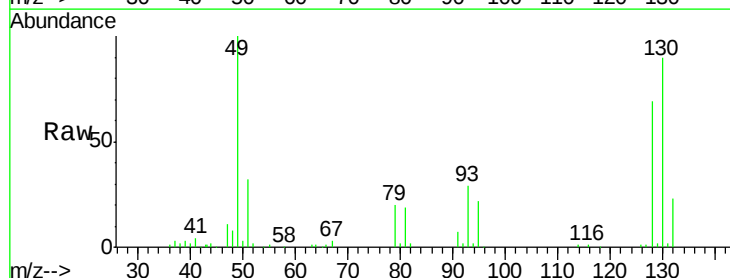
Tgt Ion: 96 Resp: 95190
Ion Ratio Lower Upper
96 100
61 143.5 0.0 288.0
98 65.9 0.0 130.2

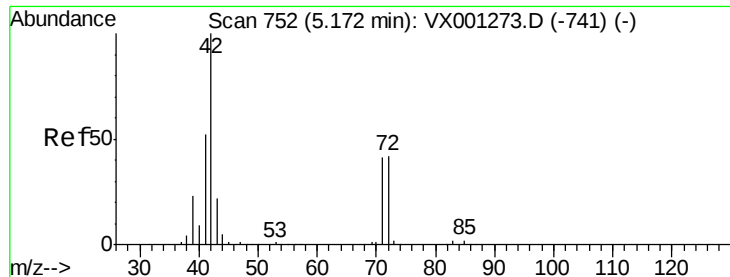


#28

Bromochloromethane
Concen: 53.22 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

Tgt Ion: 49 Resp: 76645
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.8
130 90.1 70.4 105.6

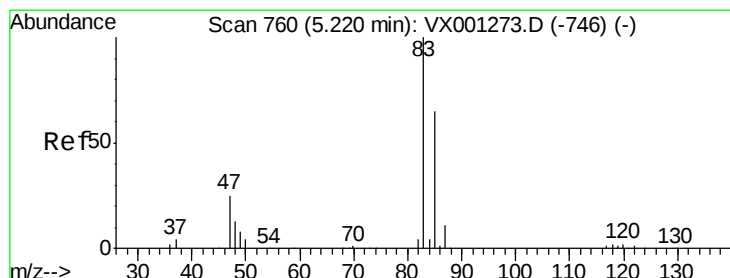
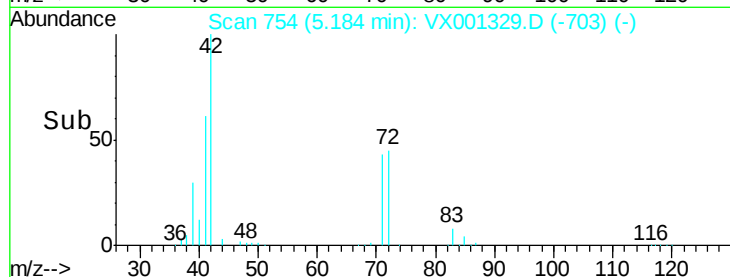
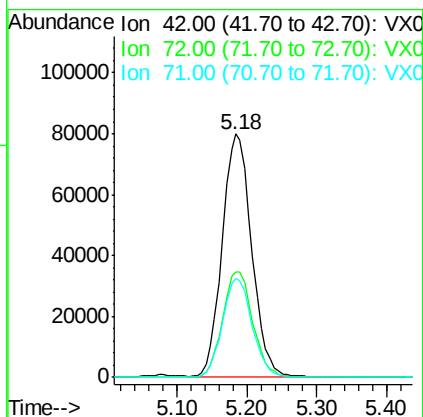
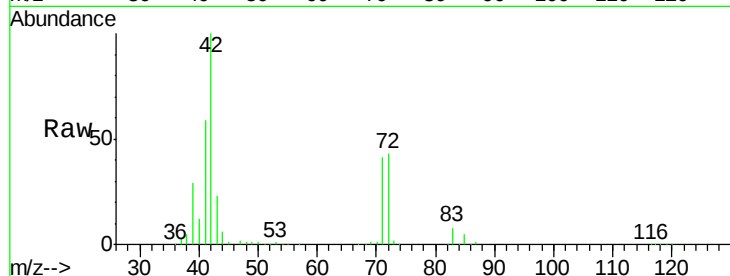




#29
Tetrahydrofuran
Concen: 278.76 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

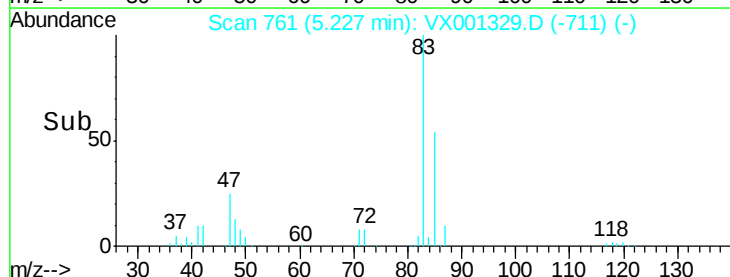
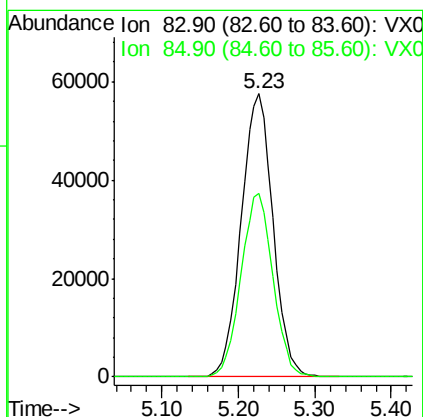
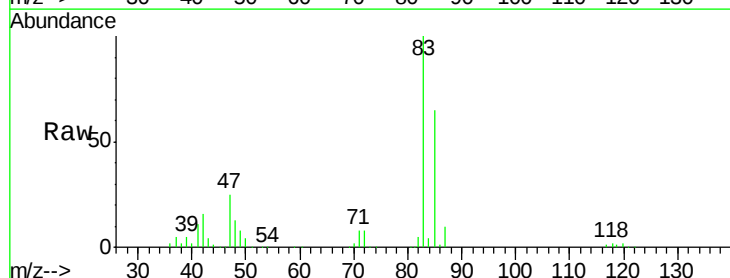
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

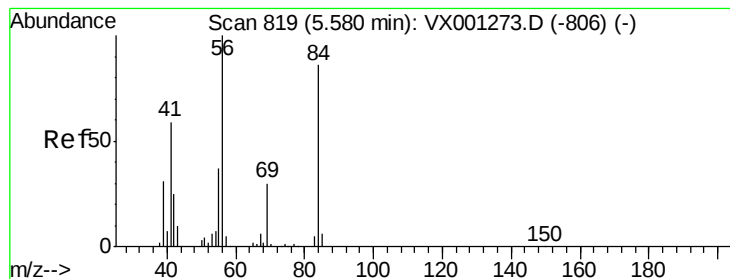
Tgt Ion: 42 Resp: 233042
Ion Ratio Lower Upper
42 100
72 44.5 34.6 52.0
71 41.1 32.7 49.1



#30
Chloroform
Concen: 49.06 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

Tgt Ion: 83 Resp: 166112
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.2





#31

Cyclohexane

Concen: 44.14 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

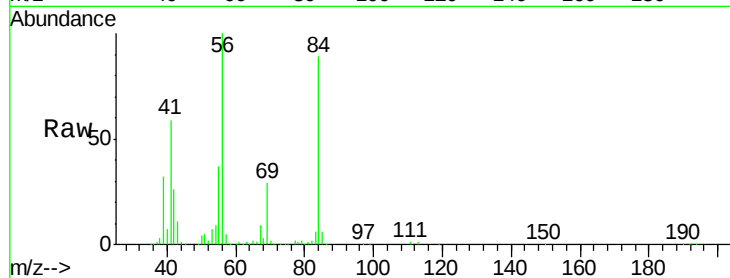
Tgt Ion: 56 Resp: 127698

Ion Ratio Lower Upper

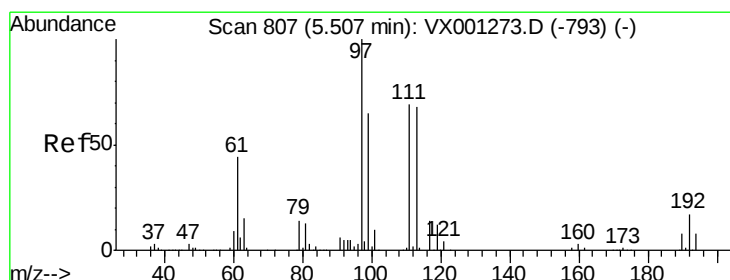
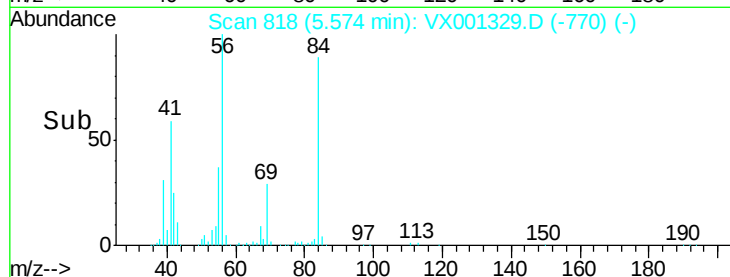
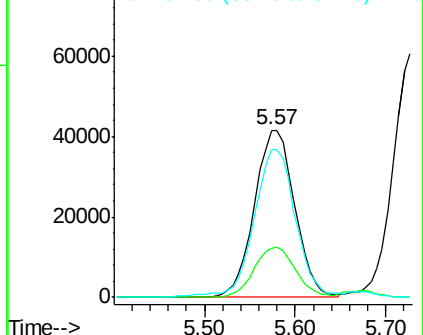
56 100

69 29.4 24.0 36.0

84 87.4 69.0 103.4



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



#32

1,1,1-Trichloroethane

Concen: 48.67 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

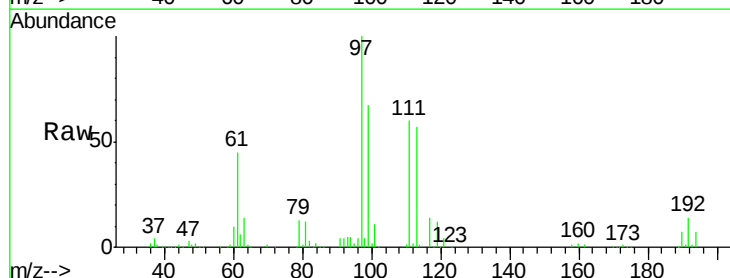
Tgt Ion: 97 Resp: 144037

Ion Ratio Lower Upper

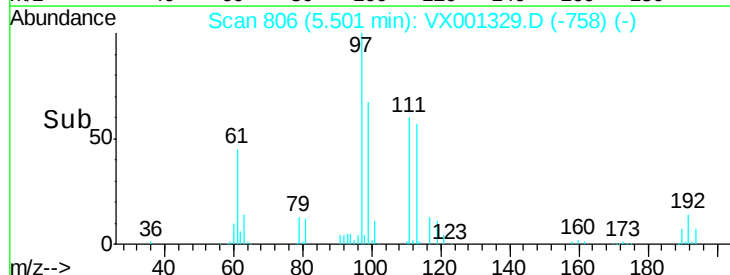
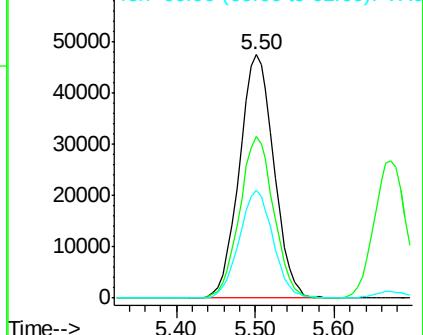
97 100

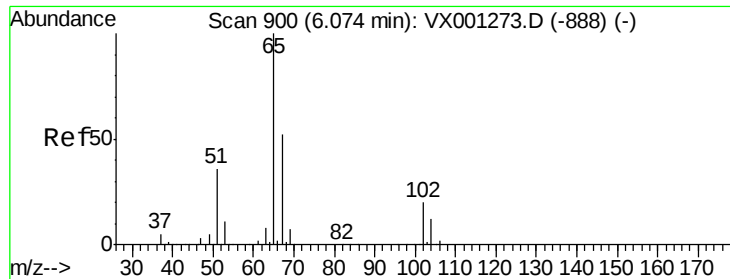
99 65.8 51.8 77.6

61 43.6 35.4 53.2



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: 46.84 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

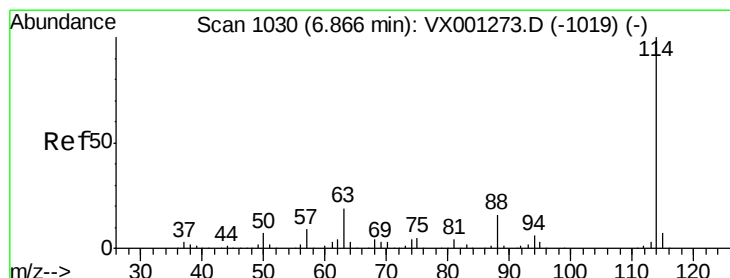
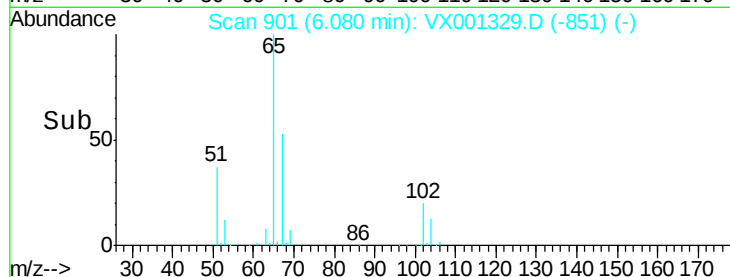
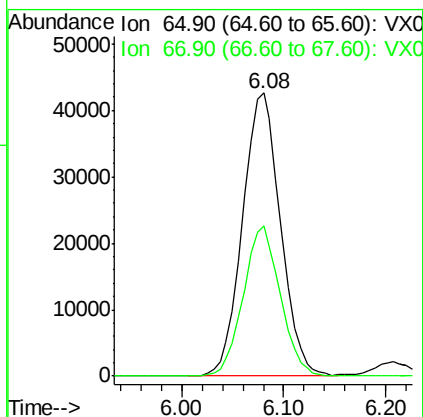
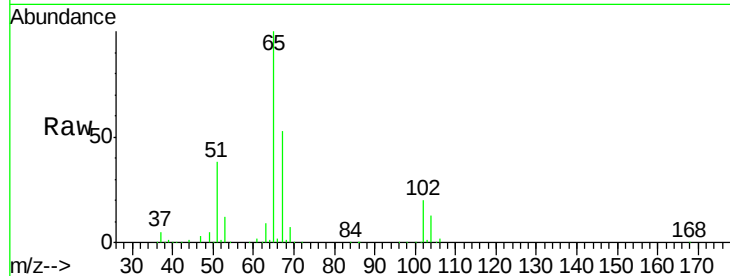
VSTDCCC050EC

Tgt Ion: 65 Resp: 110319

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

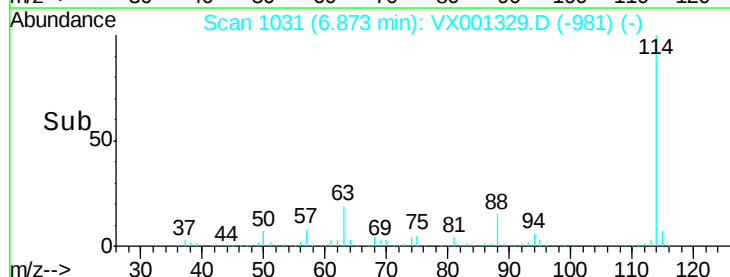
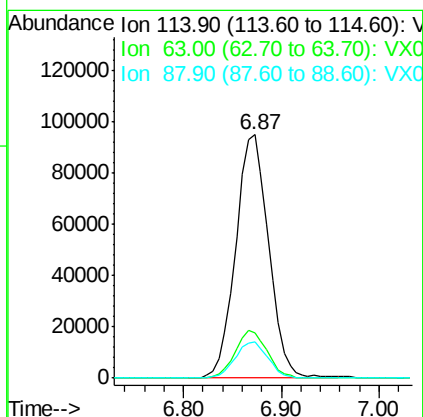
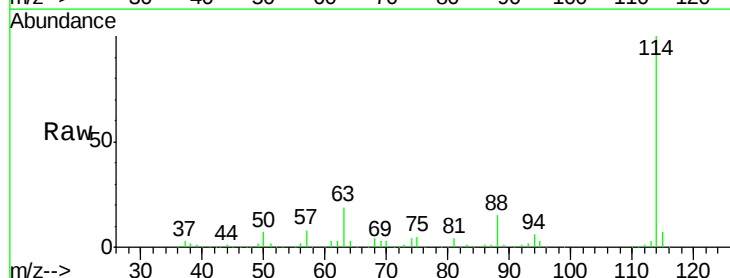
Tgt Ion: 114 Resp: 222030

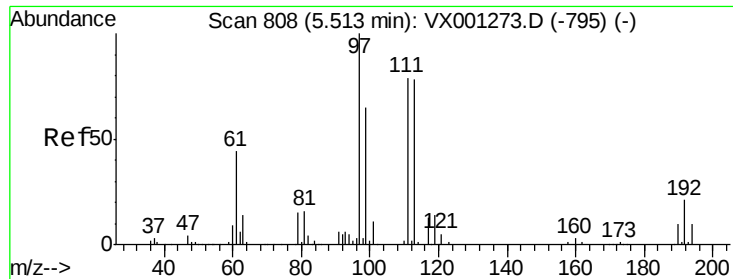
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.8

88 14.7 0.0 32.2

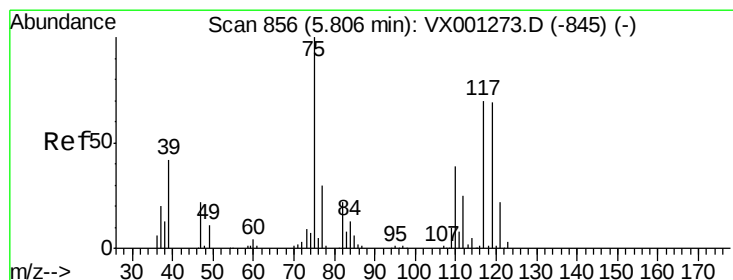
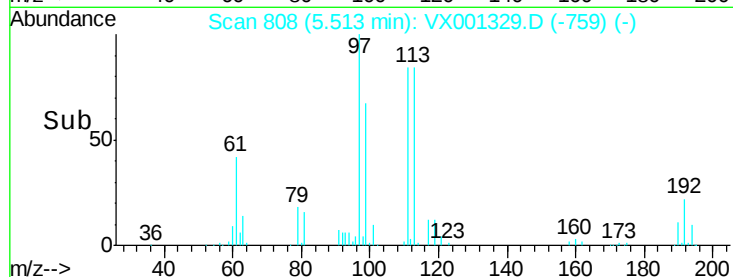
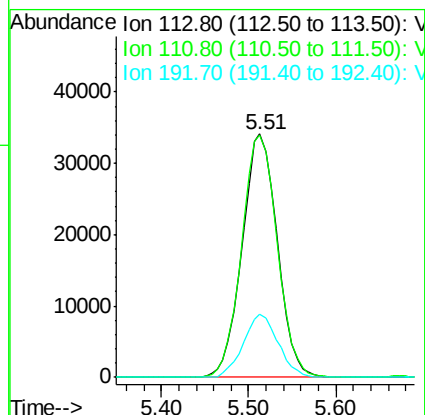
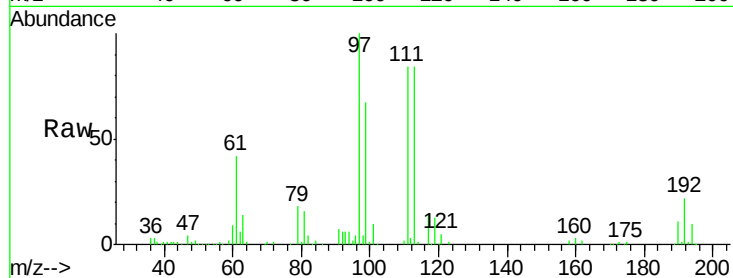




#35
 Dibromofluoromethane
 Concen: 49.81 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

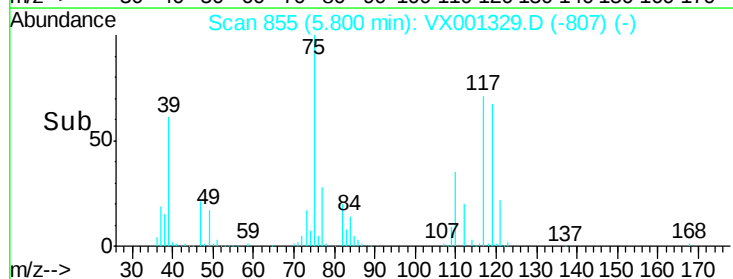
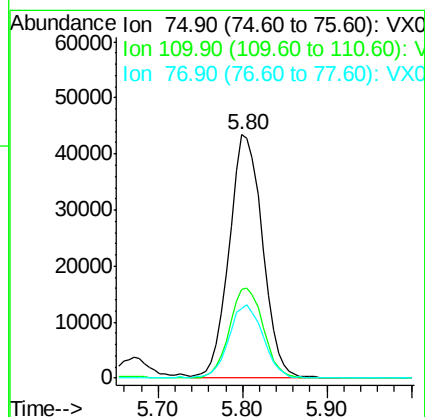
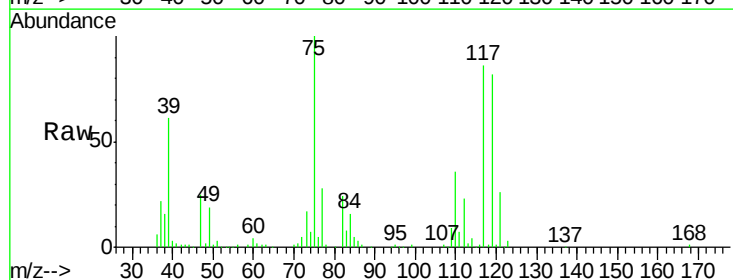
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

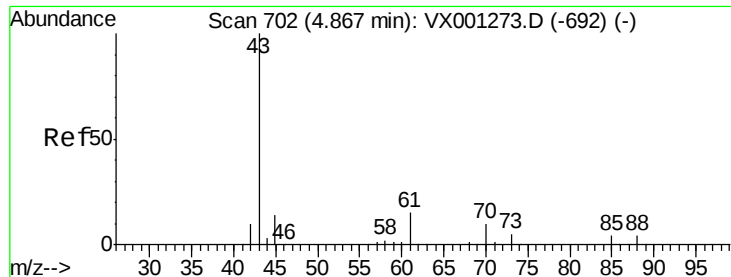
Tgt Ion:113 Resp: 95278
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.2 121.8
 192 25.4 20.7 31.1



#36
 1,1-Dichloropropene
 Concen: 45.46 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

Tgt Ion: 75 Resp: 116495
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.9 56.9
 77 31.1 24.2 36.2

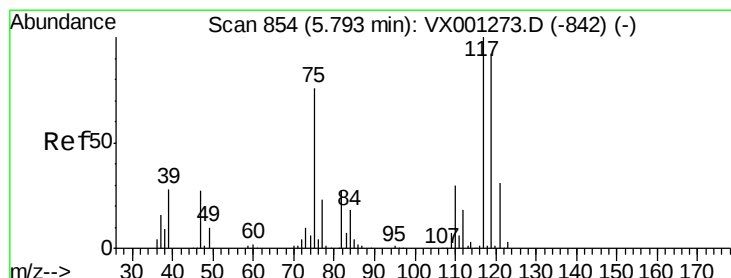
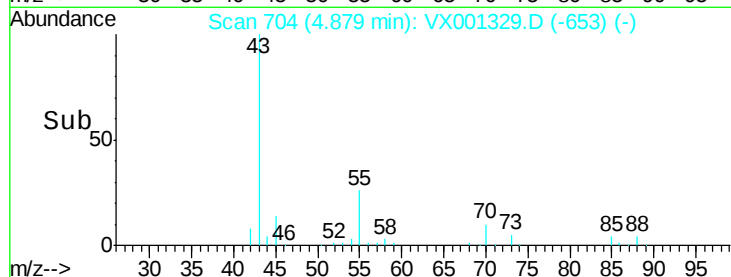
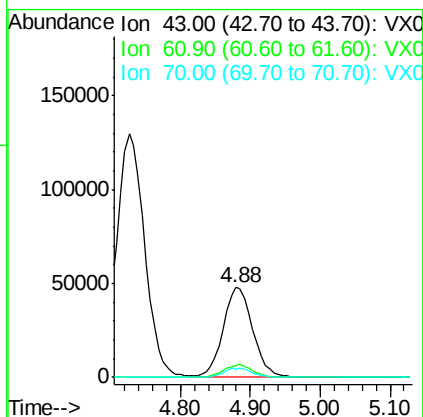
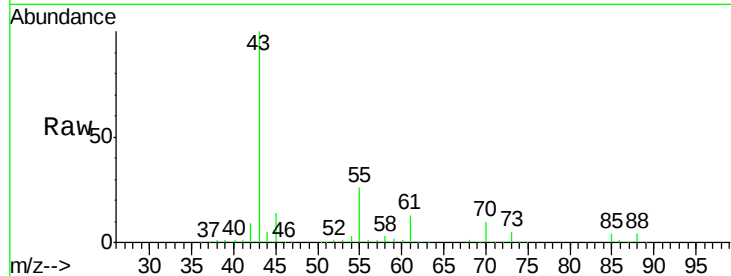




#37
Ethyl Acetate
Concen: 54.09 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

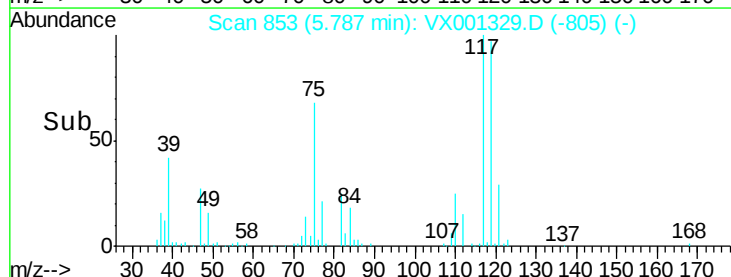
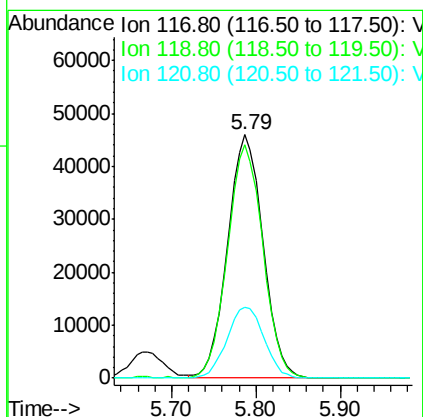
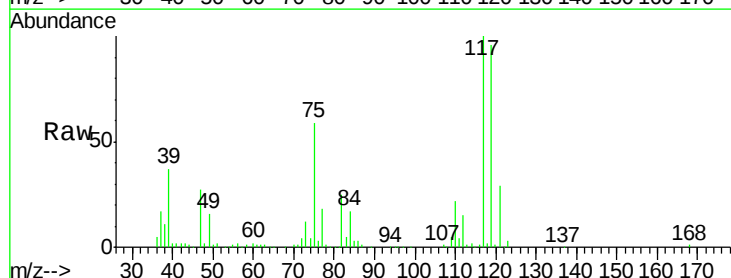
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

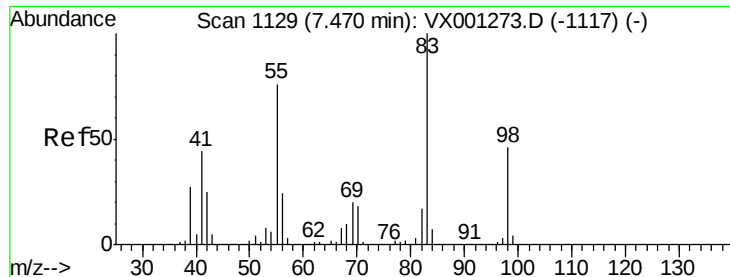
Tgt Ion: 43 Resp: 139958
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 10.3 8.0 12.0



#38
Carbon Tetrachloride
Concen: 48.78 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

Tgt Ion: 117 Resp: 130961
Ion Ratio Lower Upper
117 100
119 96.0 73.4 110.2
121 29.0 25.0 37.4

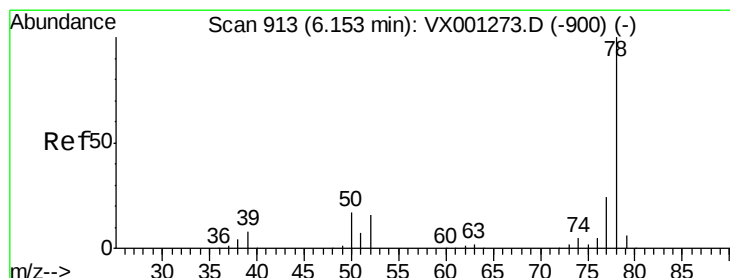
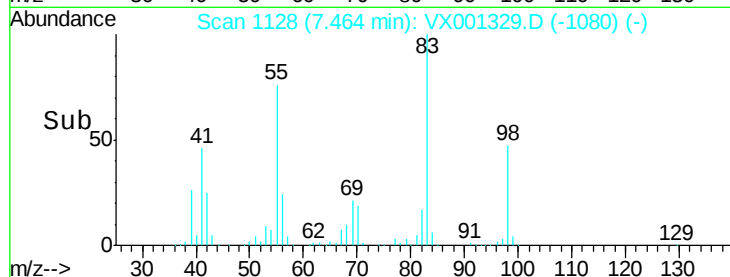
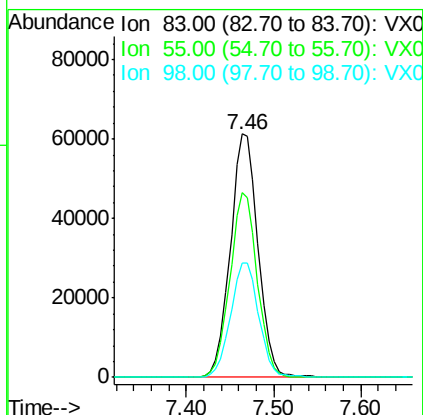
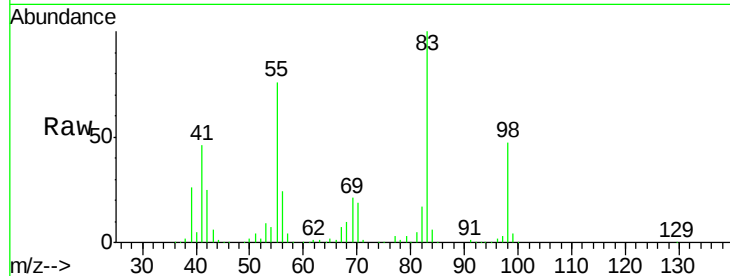




#39
Methylcyclohexane
Concen: 44.61 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

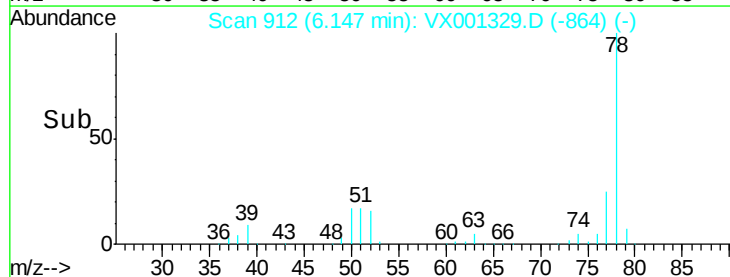
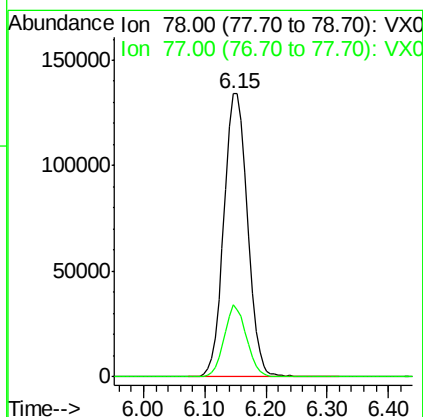
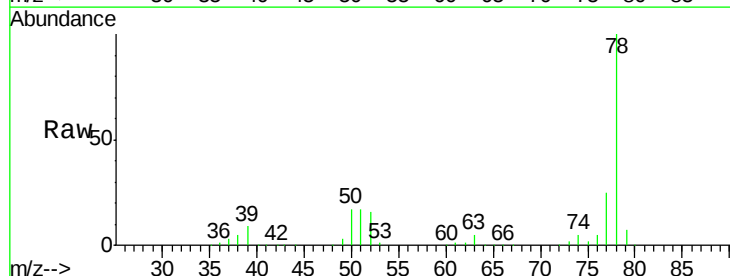
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

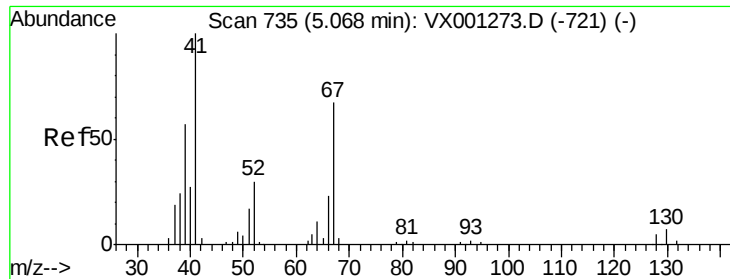
Tgt Ion: 83 Resp: 135196
Ion Ratio Lower Upper
83 100
55 76.1 60.4 90.6
98 46.9 37.0 55.6



#40
Benzene
Concen: 48.63 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

Tgt Ion: 78 Resp: 358467
Ion Ratio Lower Upper
78 100
77 25.3 19.0 28.4





#41

Methacrylonitrile

Concen: 51.61 ug/l

RT: 5.08 min Scan# 737

Delta R.T. 0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 77782

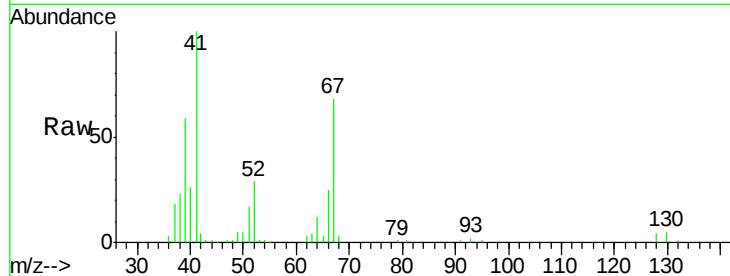
Ion Ratio Lower Upper

41 100

39 56.7 45.8 68.8

67 69.2 54.8 82.2

52 29.5 24.6 37.0

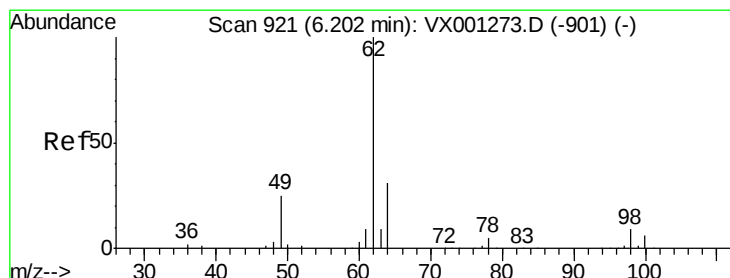
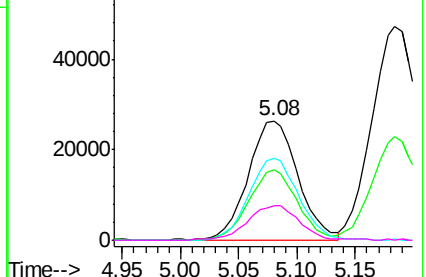
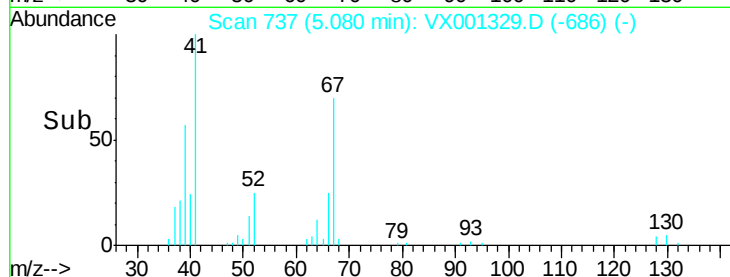


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.01 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX001329.D

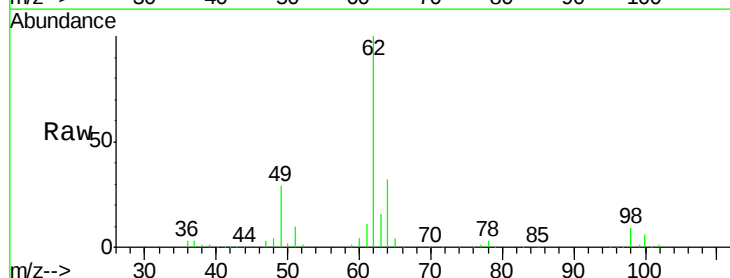
Acq: 02 May 2018 20:42

Tgt Ion: 62 Resp: 137042

Ion Ratio Lower Upper

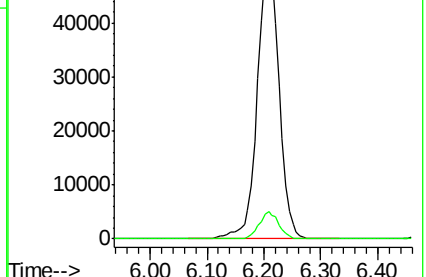
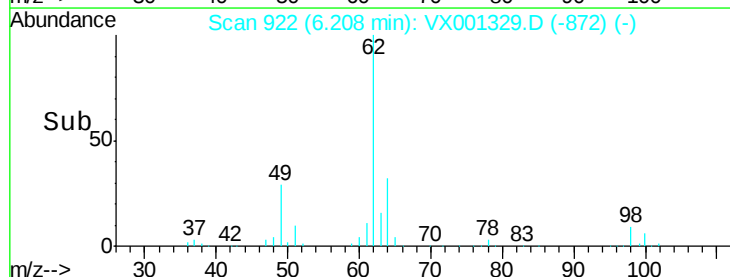
62 100

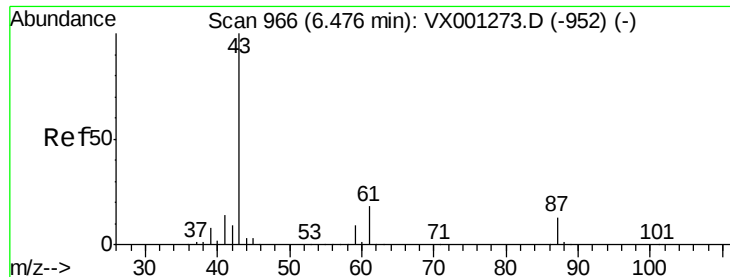
98 8.8 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.77 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

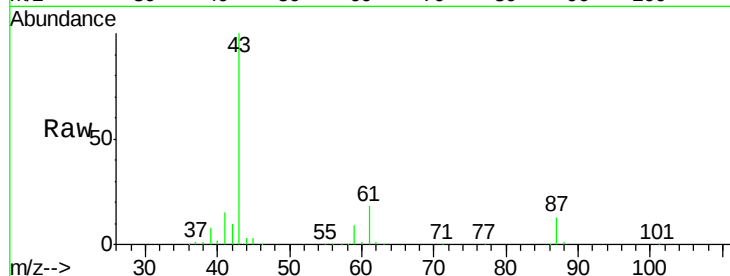
Tgt Ion: 43 Resp: 221067

Ion Ratio Lower Upper

43 100

61 18.6 15.0 22.4

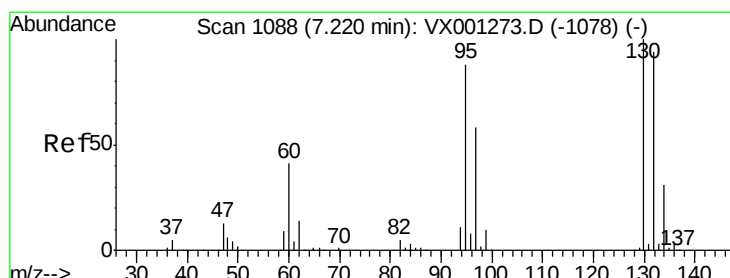
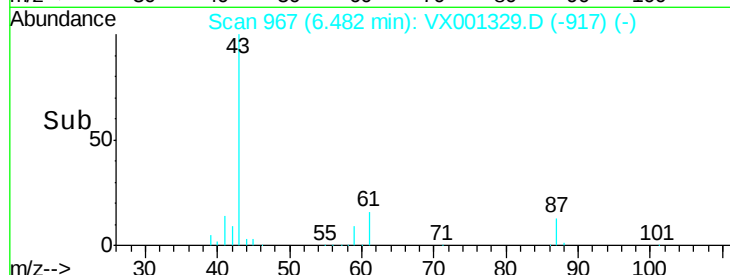
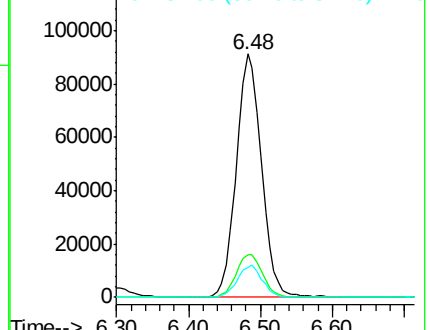
87 13.2 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.31 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001329.D

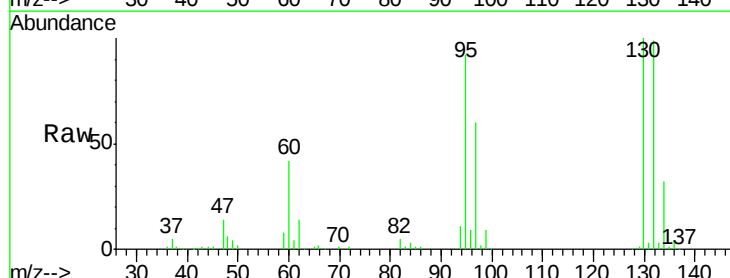
Acq: 02 May 2018 20:42

Tgt Ion: 130 Resp: 106757

Ion Ratio Lower Upper

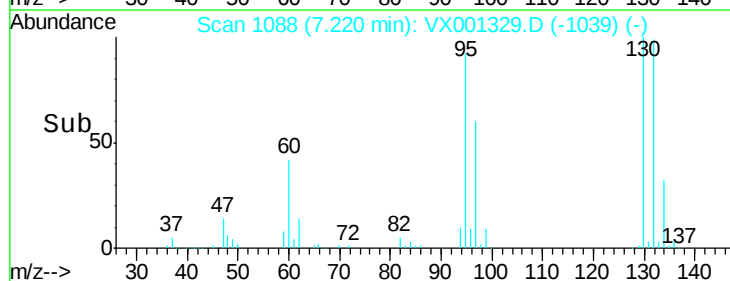
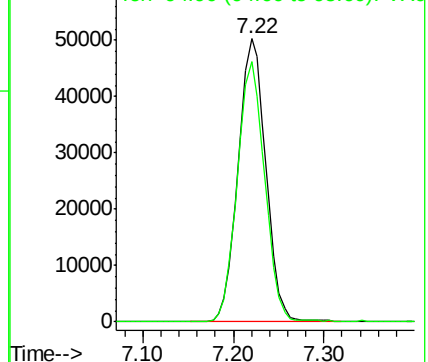
130 100

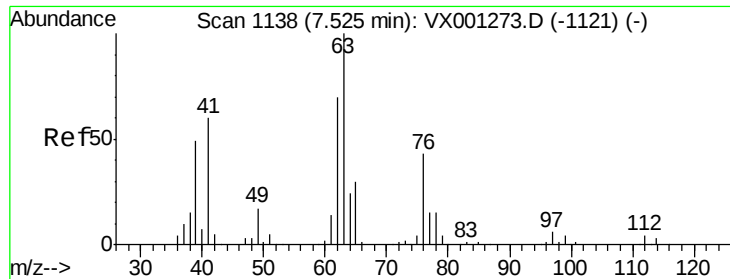
95 92.2 0.0 176.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

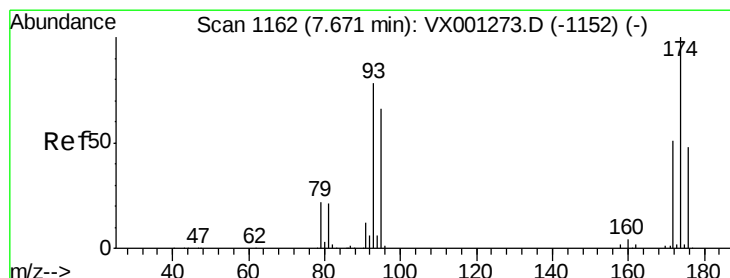
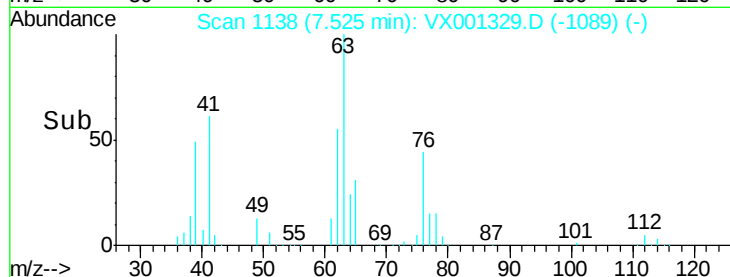
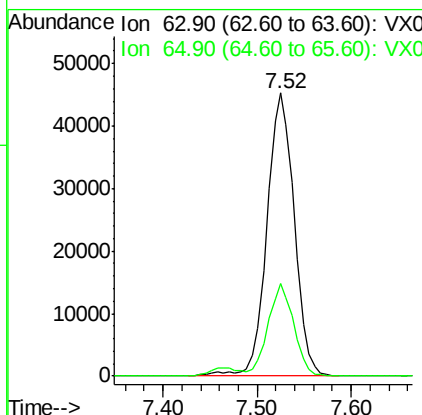
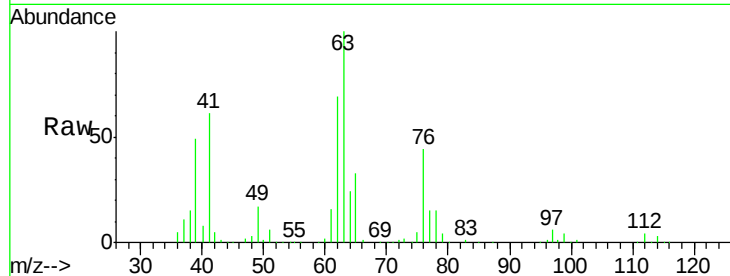




#45
 1,2-Dichloropropane
 Concen: 48.94 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

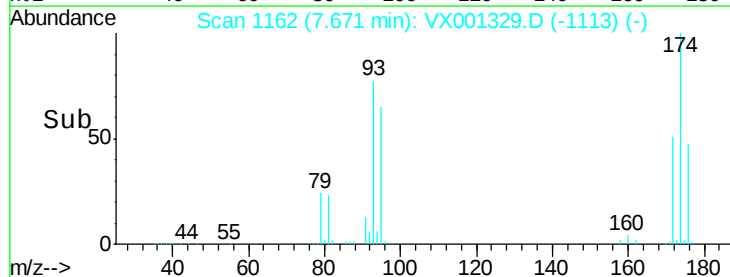
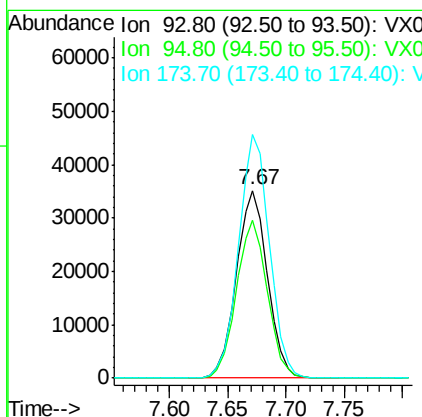
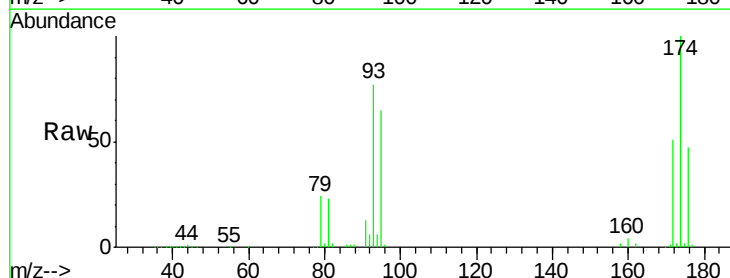
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

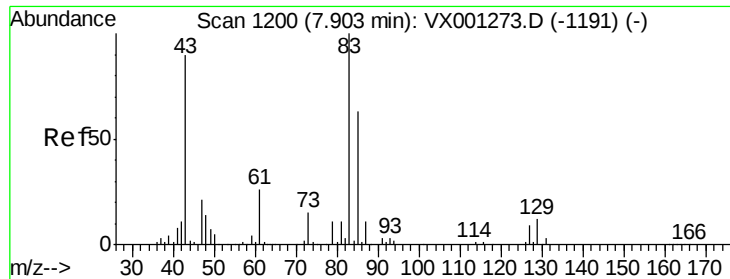
Tgt Ion: 63 Resp: 92638
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.2 36.4



#46
 Dibromomethane
 Concen: 49.44 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

Tgt Ion: 93 Resp: 65608
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.0 100.6
 174 128.6 102.3 153.5





#47

Bromodichloromethane

Concen: 51.98 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

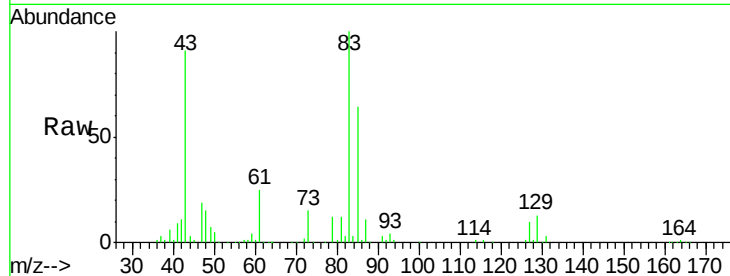
Tgt Ion: 83 Resp: 123318

Ion Ratio Lower Upper

83 100

85 63.6 50.3 75.5

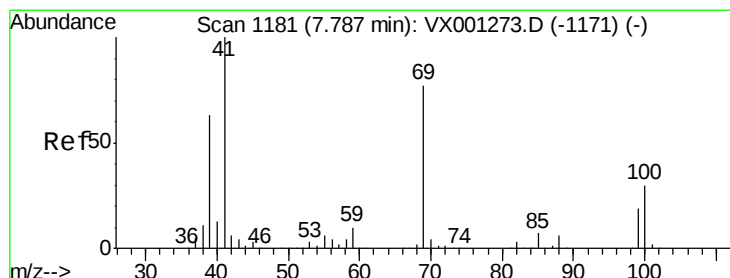
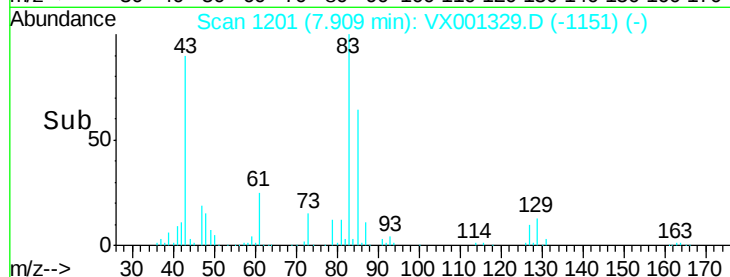
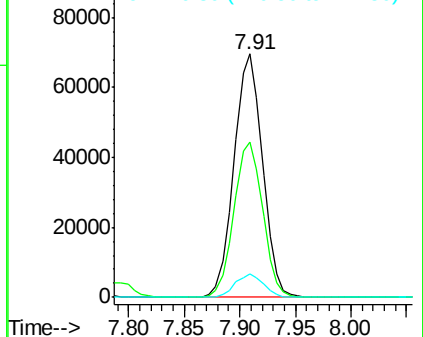
127 9.8 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.84 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

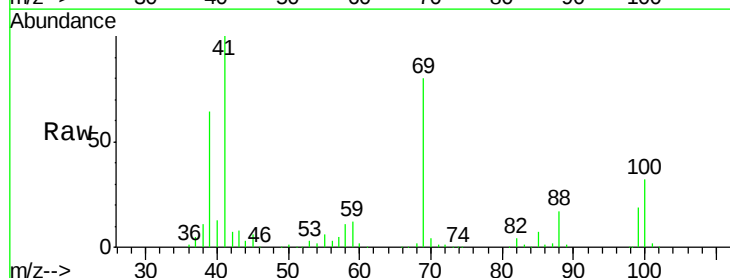
Tgt Ion: 41 Resp: 117675

Ion Ratio Lower Upper

41 100

69 80.0 63.0 94.6

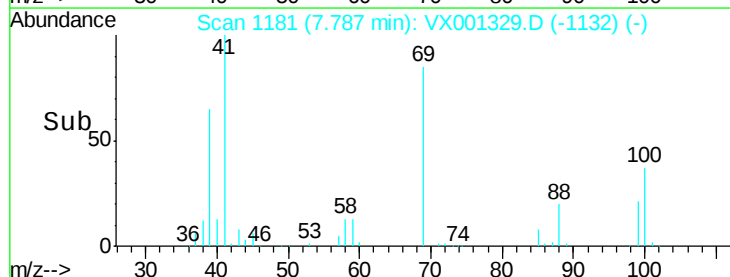
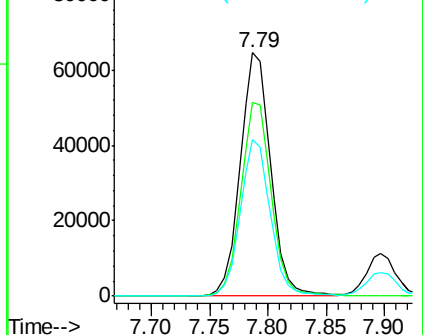
39 63.1 50.2 75.4

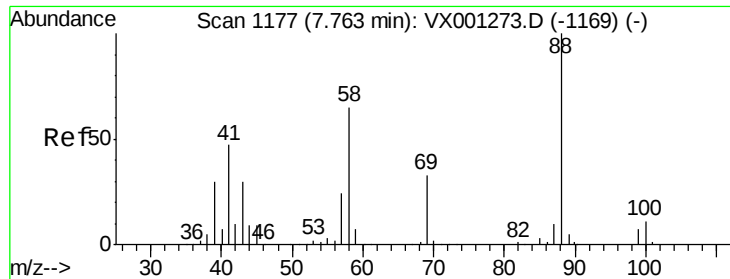


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

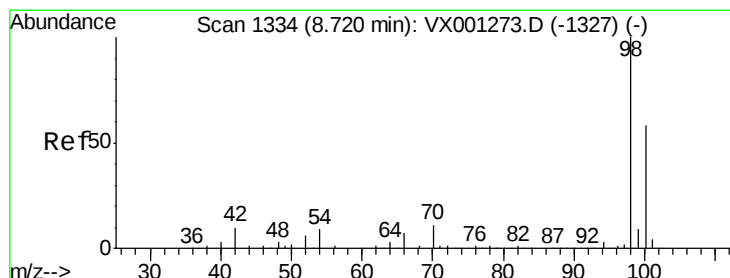
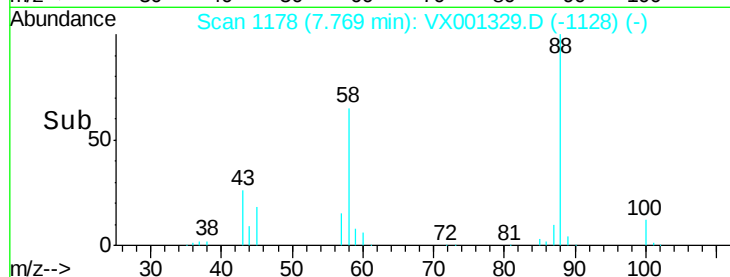
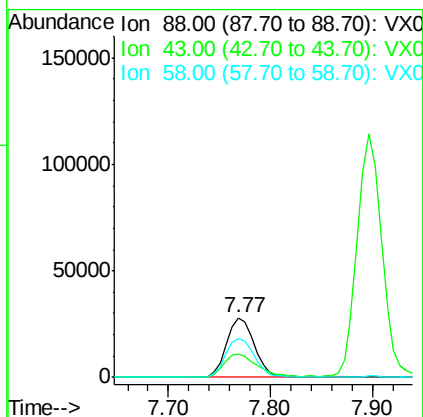
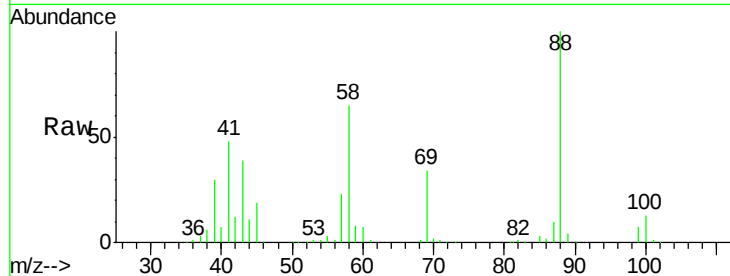




#49
1,4-Dioxane
Concen: 1250.29 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

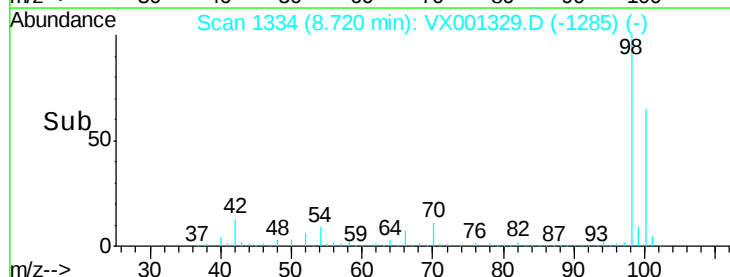
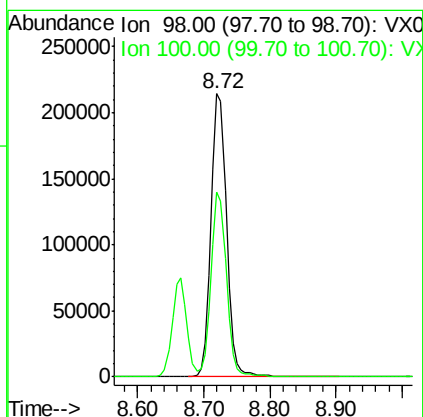
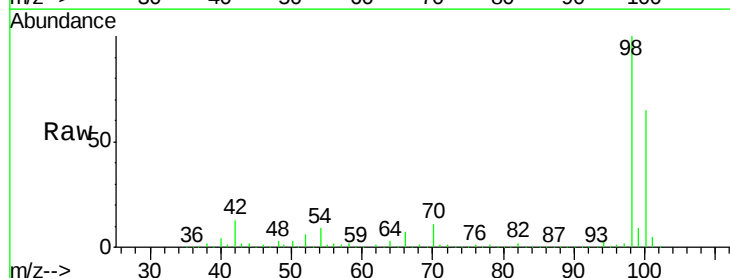
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

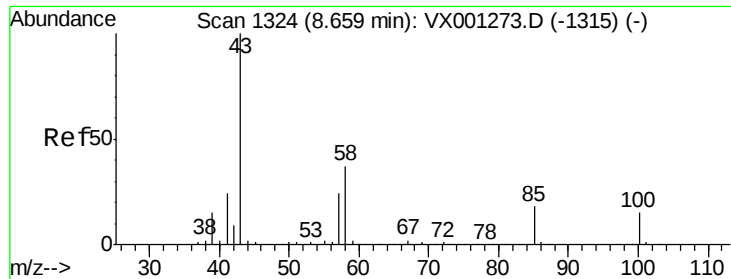
Tgt Ion: 88 Resp: 52543
Ion Ratio Lower Upper
88 100
43 46.1 27.9 41.9#
58 68.0 54.2 81.2



#50
Toluene-d8
Concen: 51.37 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

Tgt Ion: 98 Resp: 351062
Ion Ratio Lower Upper
98 100
100 64.5 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 285.91 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

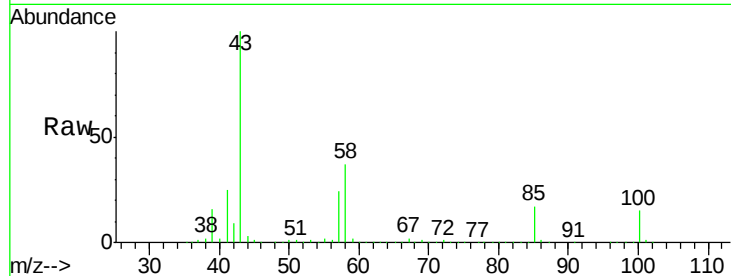
VSTDCCC050EC

Tgt Ion: 43 Resp: 772171

Ion Ratio Lower Upper

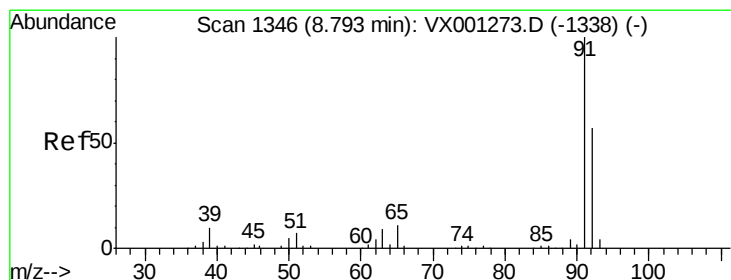
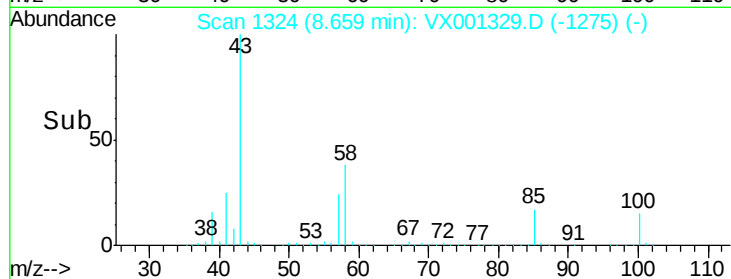
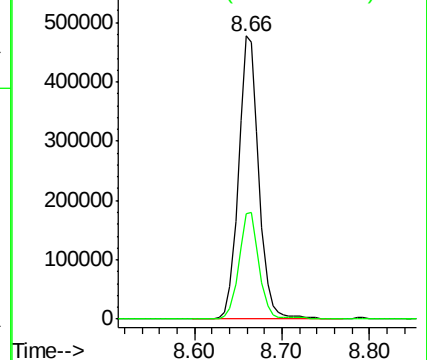
43 100

58 37.2 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.38 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001329.D

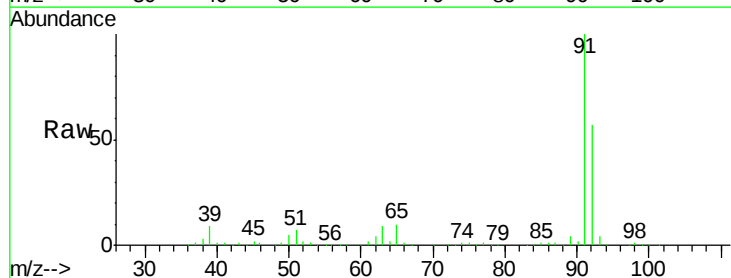
Acq: 02 May 2018 20:42

Tgt Ion: 92 Resp: 237956

Ion Ratio Lower Upper

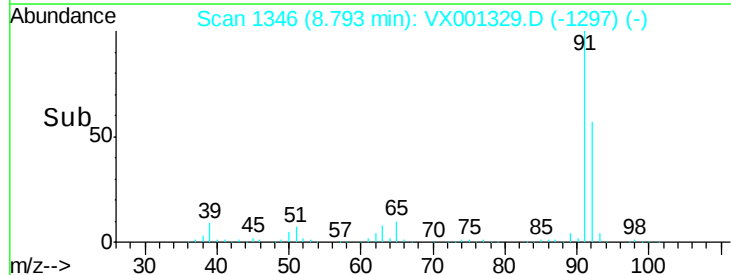
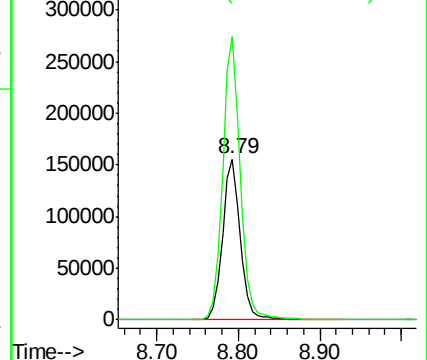
92 100

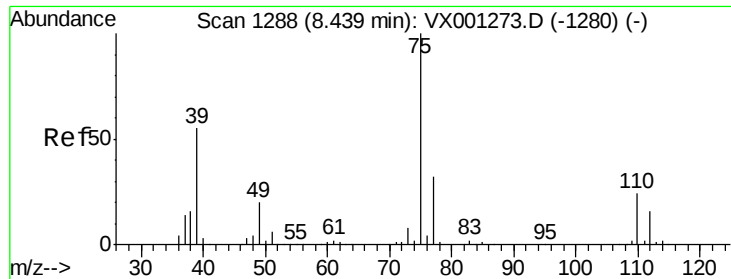
91 174.4 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.08 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

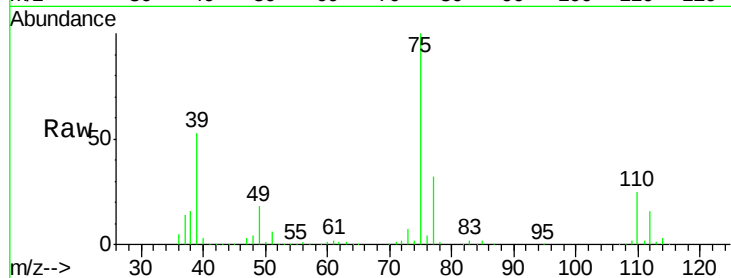
VSTDCCC050EC

Tgt Ion: 75 Resp: 138482

Ion Ratio Lower Upper

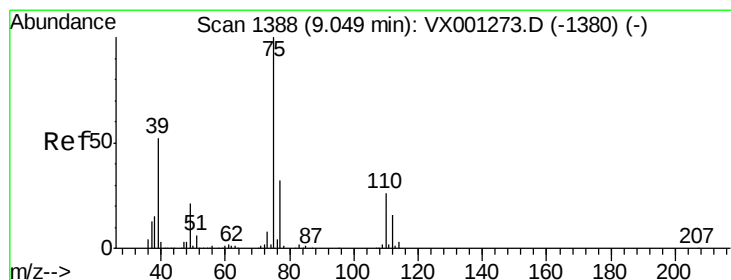
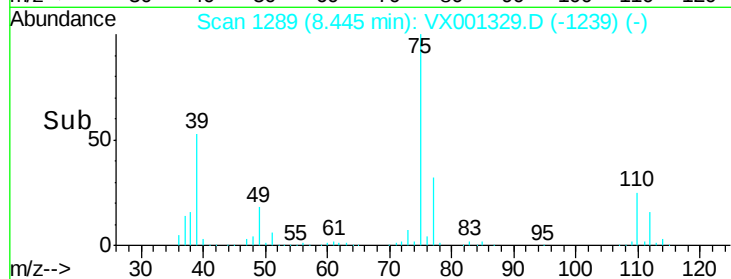
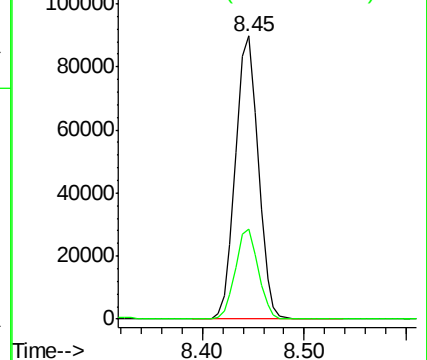
75 100

77 31.9 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.22 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

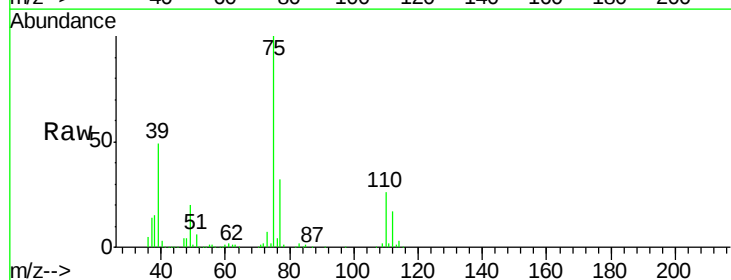
Tgt Ion: 75 Resp: 130371

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

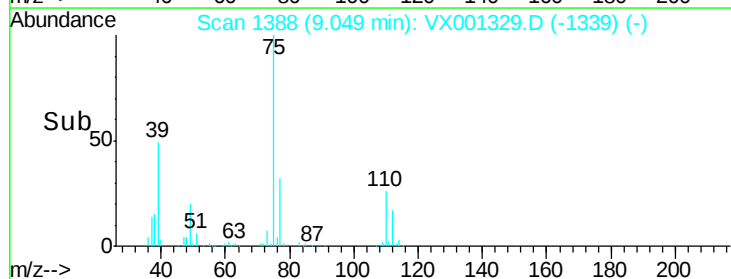
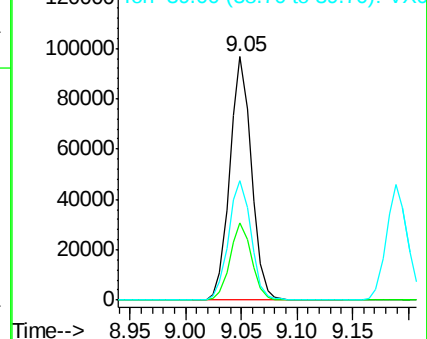
39 49.1 41.9 62.9

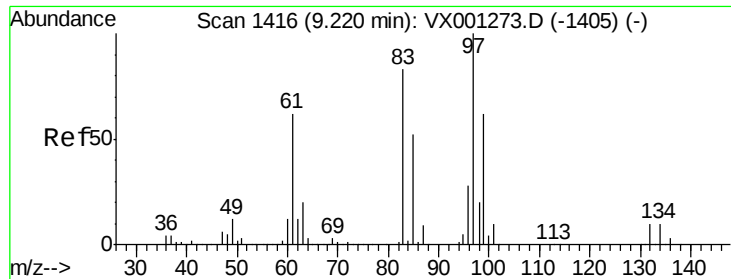


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

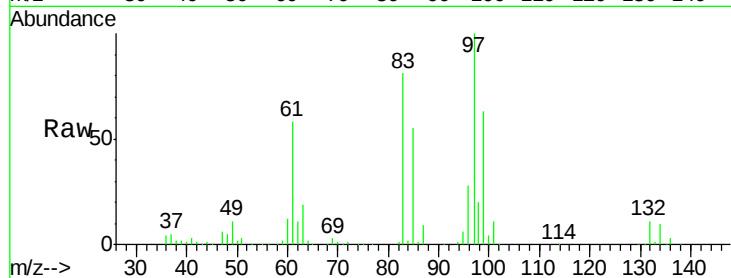




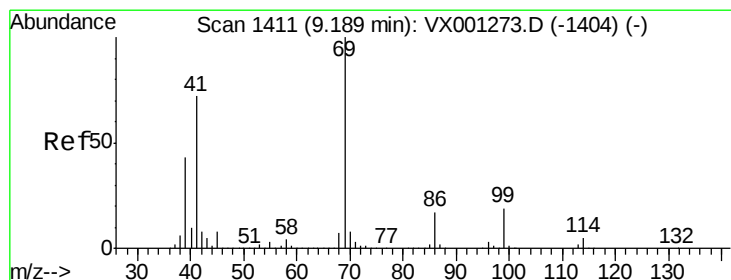
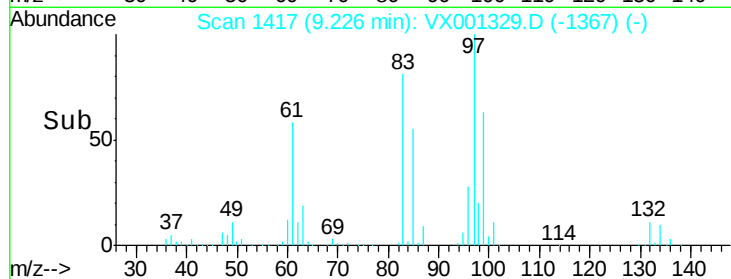
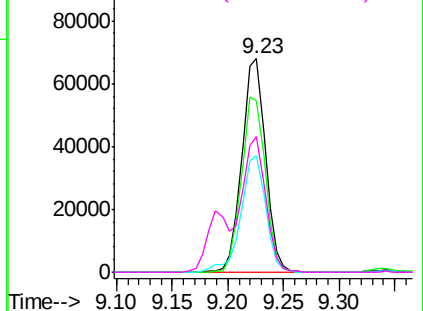
#55
 1,1,2-Trichloroethane
 Concen: 51.70 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	100641
Ion	Ratio	Lower	Upper
97	100		
83	80.6	66.4	99.6
85	54.6	41.6	62.4
99	63.4	49.3	73.9

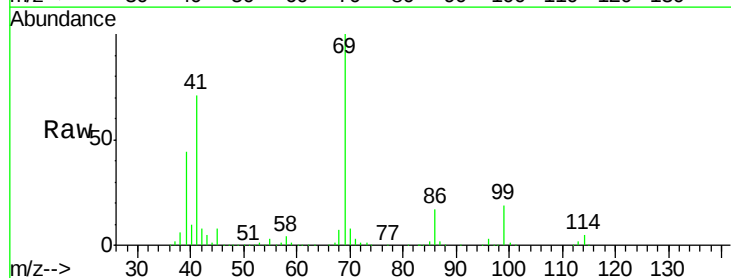


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

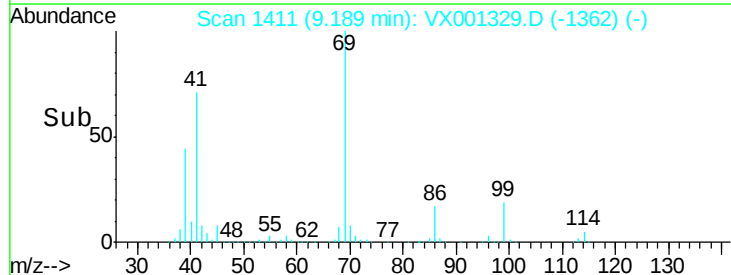
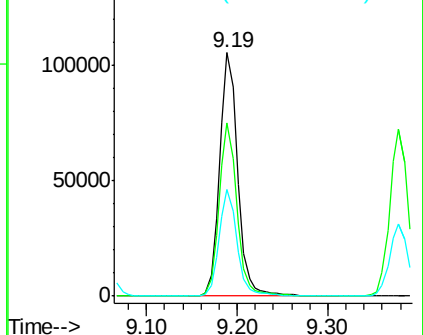


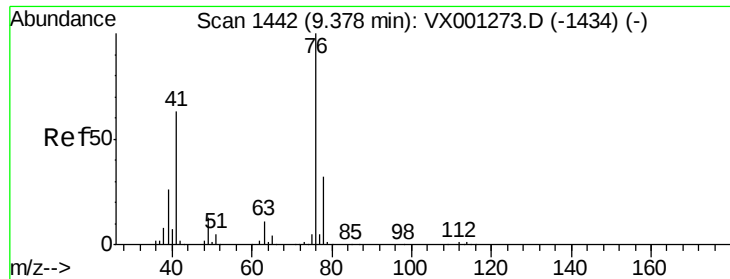
#56
 Ethyl methacrylate
 Concen: 54.67 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

Tgt Ion:	69	Resp:	147449
Ion	Ratio	Lower	Upper
69	100		
41	69.9	57.2	85.8
39	43.1	34.3	51.5



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: 50.77 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

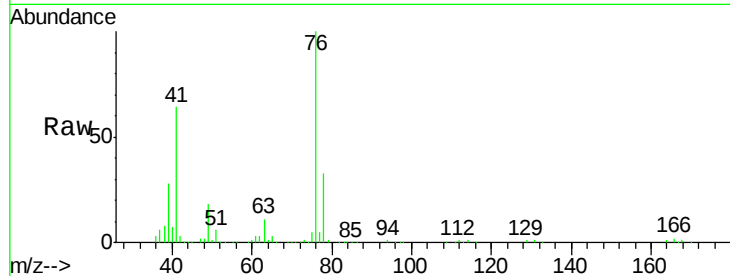
VSTDCCC050EC

Tgt Ion: 76 Resp: 158955

Ion Ratio Lower Upper

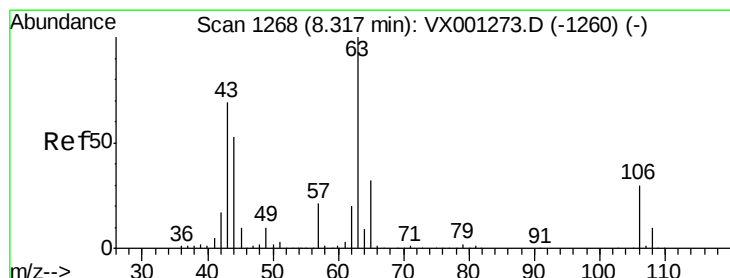
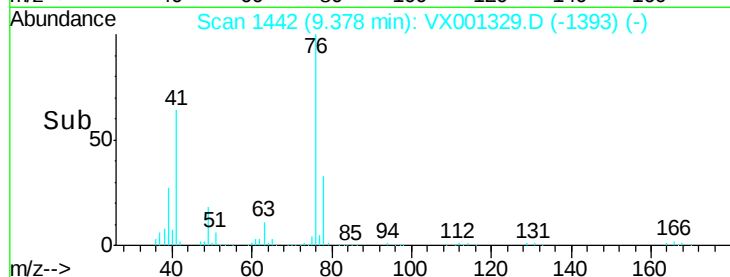
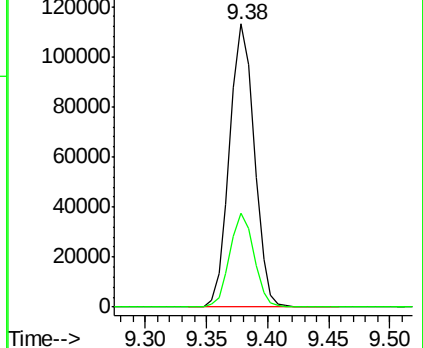
76 100

78 32.5 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 272.92 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX001329.D

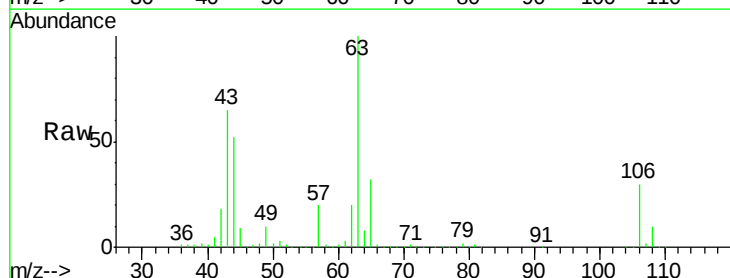
Acq: 02 May 2018 20:42

Tgt Ion: 63 Resp: 355125

Ion Ratio Lower Upper

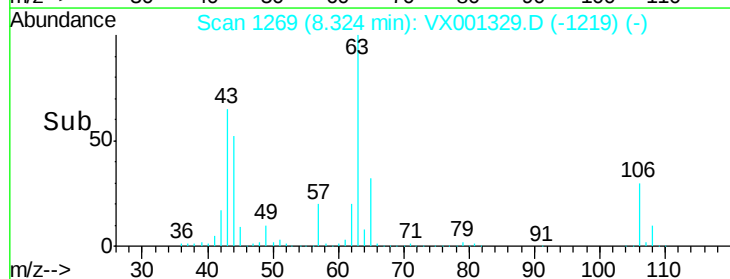
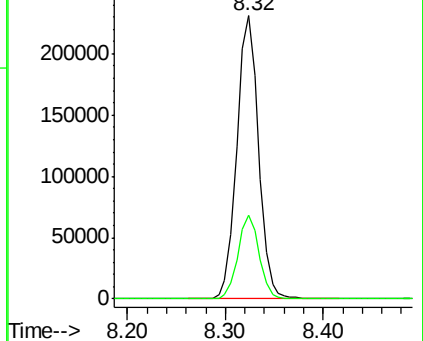
63 100

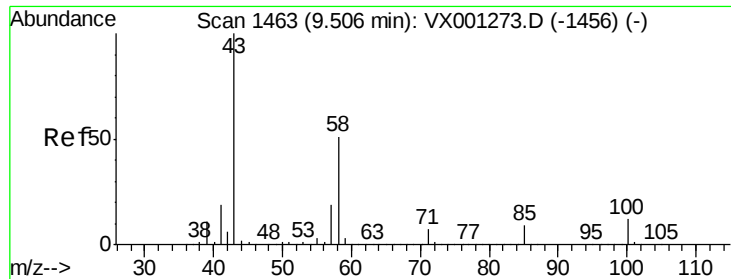
106 29.3 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

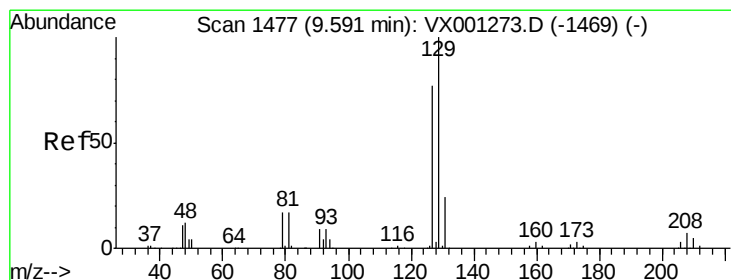
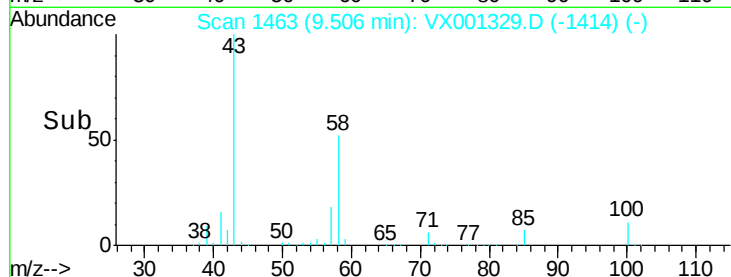
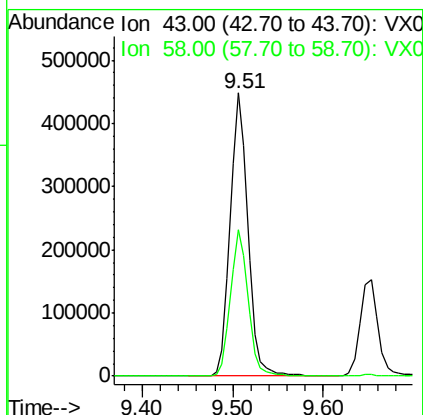
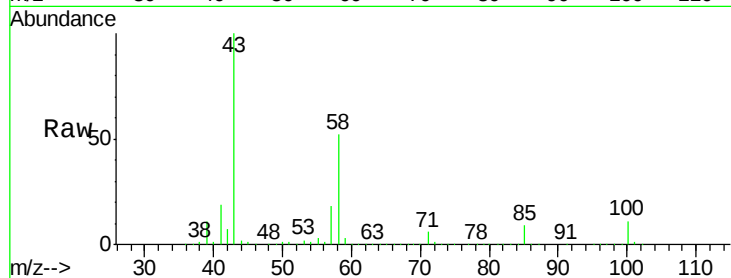




#59
2-Hexanone
Concen: 289.29 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

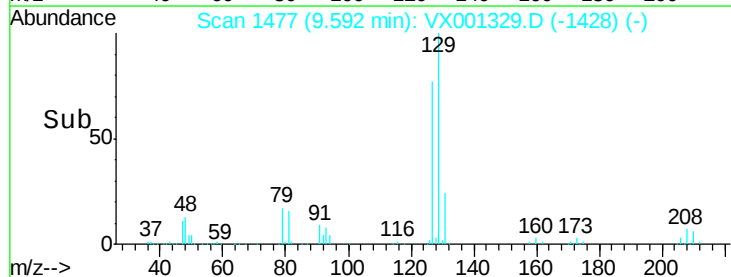
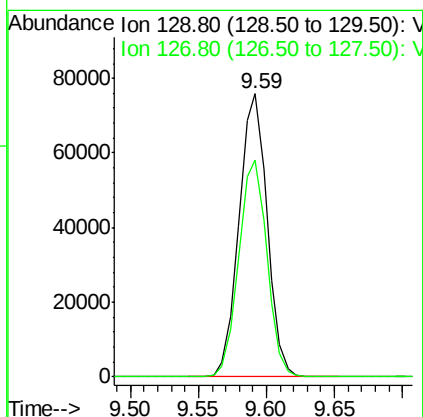
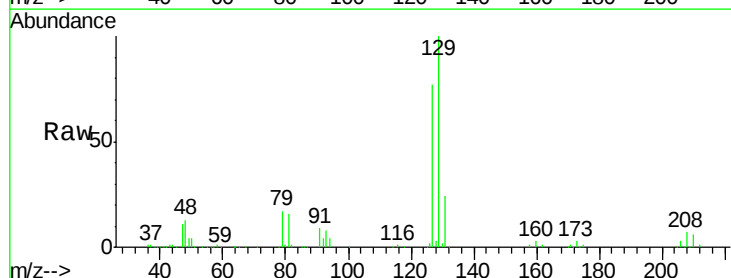
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

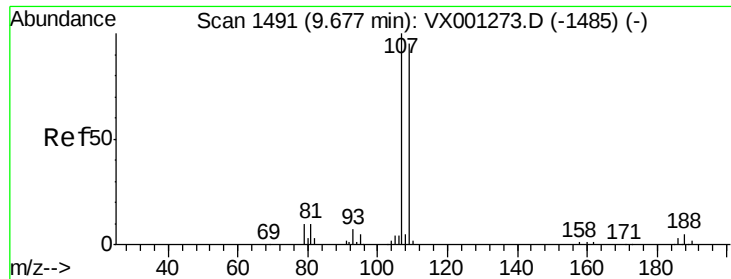
Tgt Ion: 43 Resp: 610640
Ion Ratio Lower Upper
43 100
58 51.4 25.7 77.0



#60
Dibromochloromethane
Concen: 53.80 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

Tgt Ion: 129 Resp: 109237
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3





#61

1,2-Dibromoethane

Concen: 52.21 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

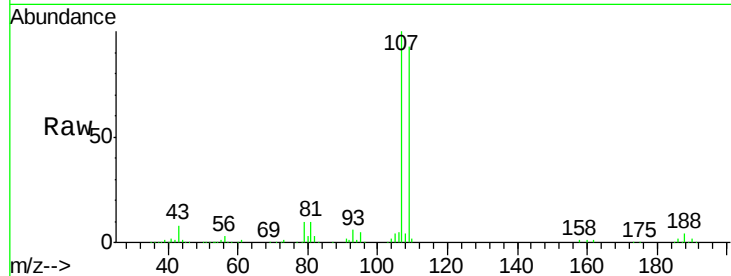
VSTDCCC050EC

Tgt Ion: 107 Resp: 107718

Ion Ratio Lower Upper

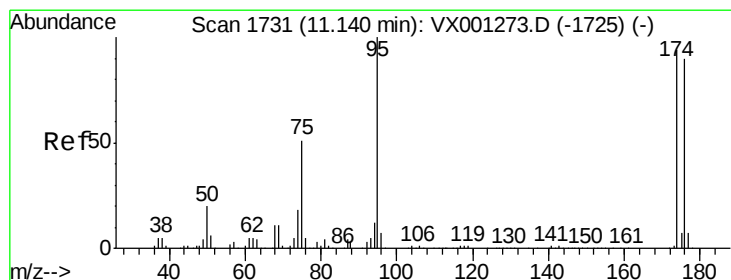
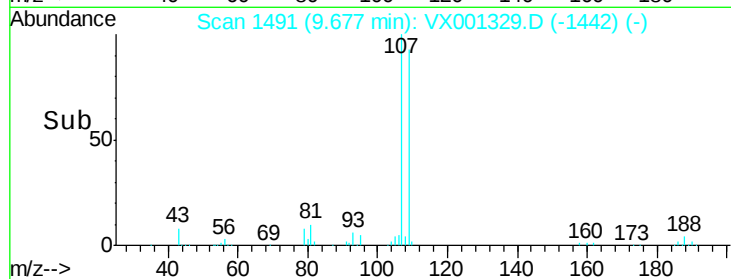
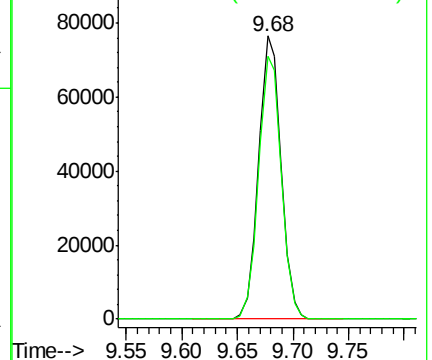
107 100

109 94.1 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.47 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

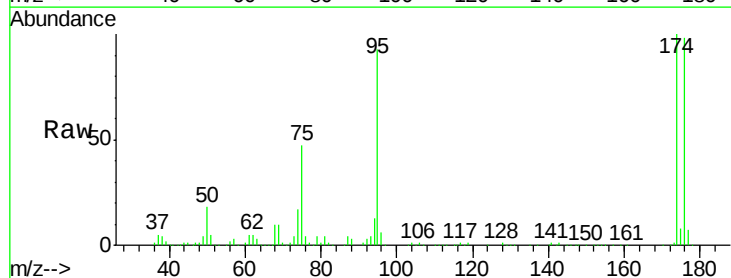
Tgt Ion: 95 Resp: 132467

Ion Ratio Lower Upper

95 100

174 104.3 0.0 201.8

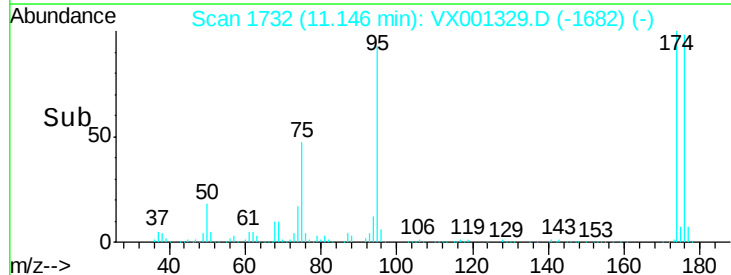
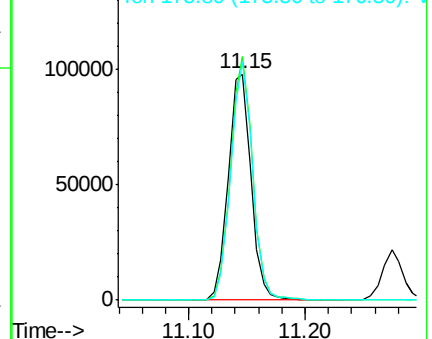
176 101.3 0.0 197.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

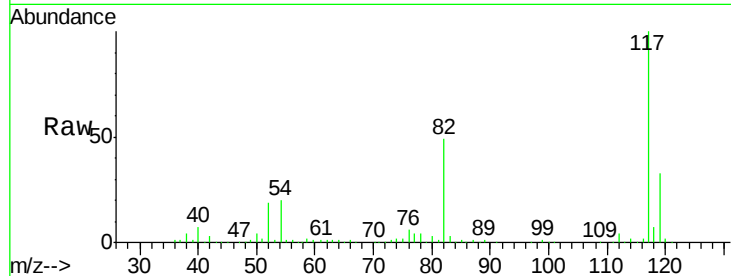




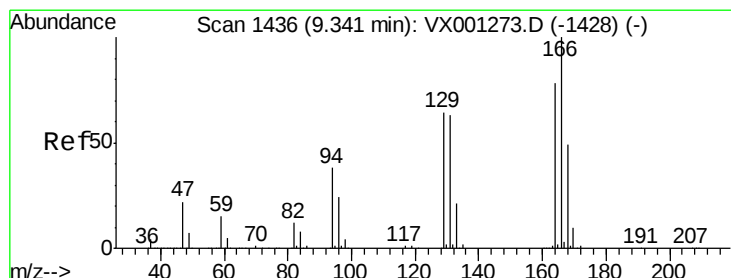
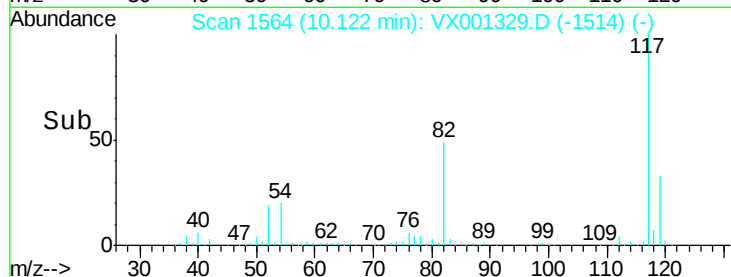
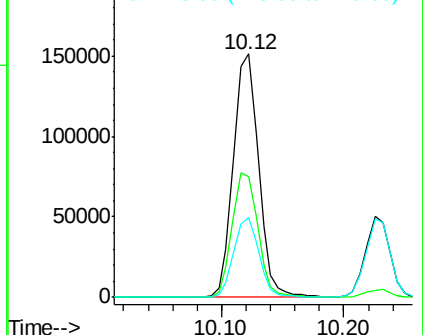
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 216915
Ion Ratio Lower Upper
117 100
82 49.4 41.4 62.0
119 32.5 25.5 38.3

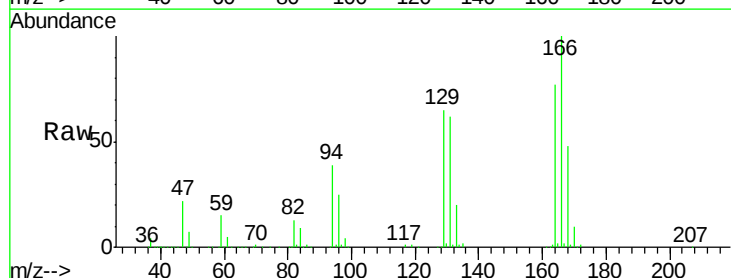


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

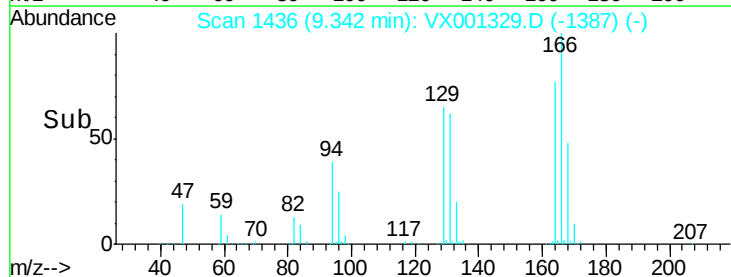
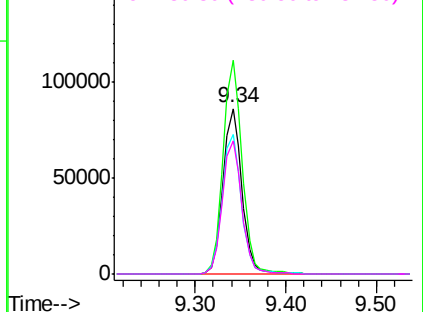


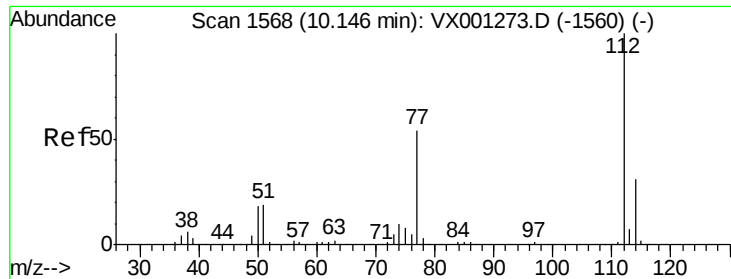
#64
Tetrachloroethene
Concen: 48.97 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

Tgt Ion:164 Resp: 125835
Ion Ratio Lower Upper
164 100
166 129.3 102.3 153.5
129 84.2 65.1 97.7
131 80.7 64.2 96.4



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

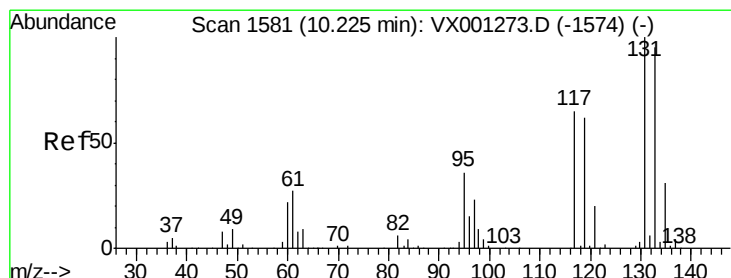
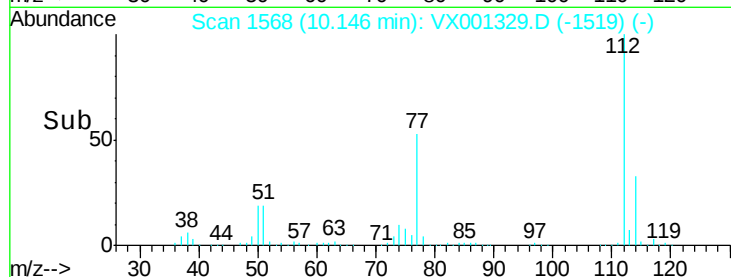
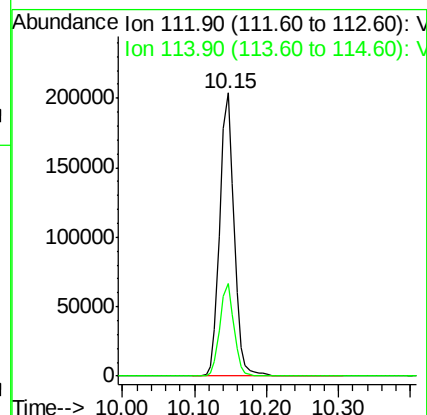
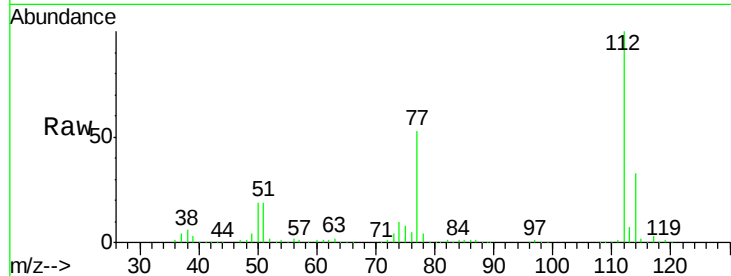




#65
Chlorobenzene
Concen: 47.46 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

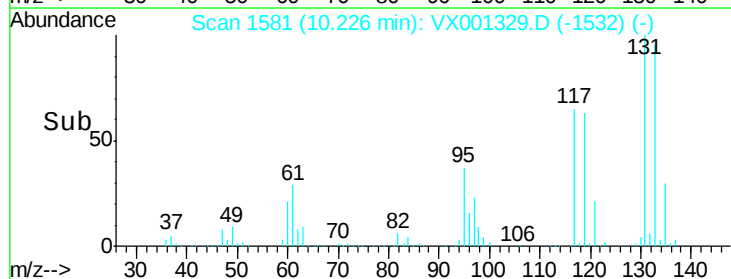
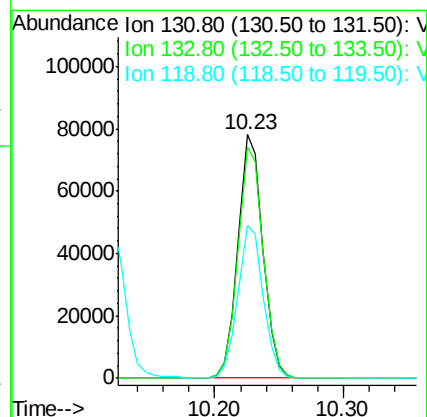
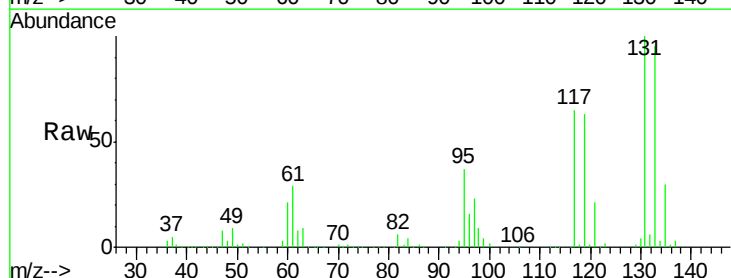
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

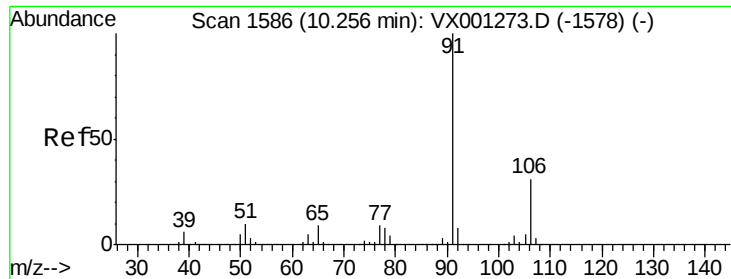
Tgt Ion:112 Resp: 279997
Ion Ratio Lower Upper
112 100
114 32.7 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.53 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

Tgt Ion:131 Resp: 105515
Ion Ratio Lower Upper
131 100
133 96.4 48.3 144.9
119 64.0 31.2 93.6





#67

Ethyl Benzene

Concen: 47.63 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

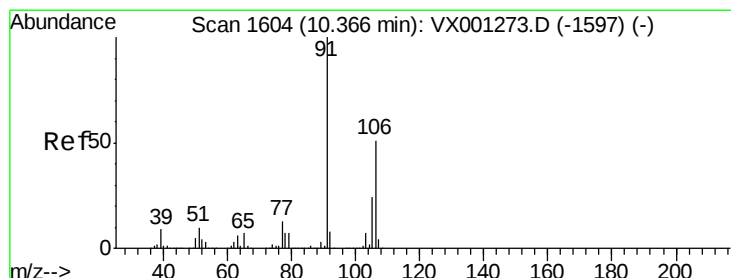
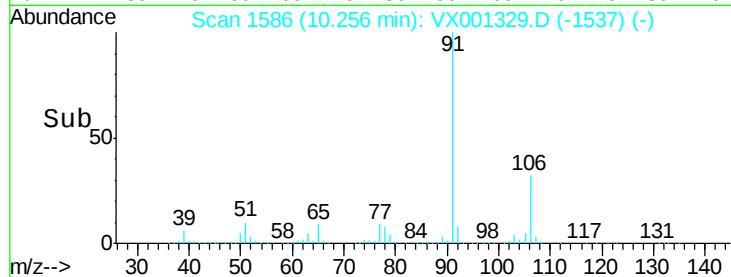
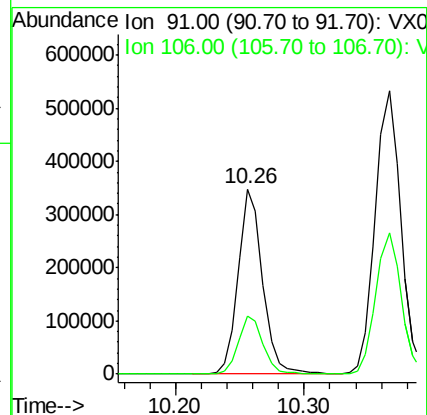
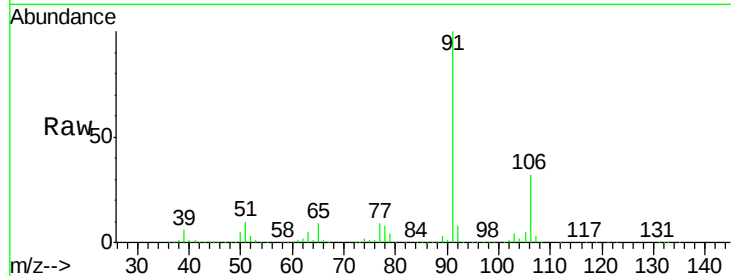
VSTDCCC050EC

Tgt Ion: 91 Resp: 463030

Ion Ratio Lower Upper

91 100

106 31.6 24.9 37.3



#68

m/p-Xylenes

Concen: 96.72 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001329.D

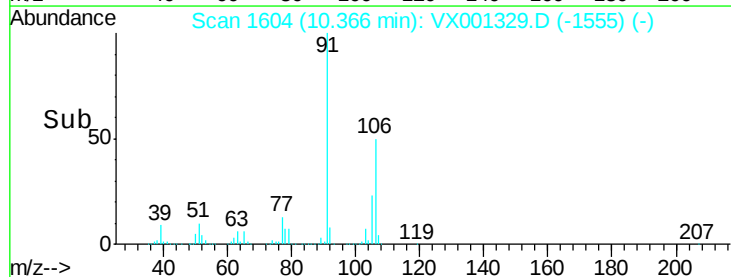
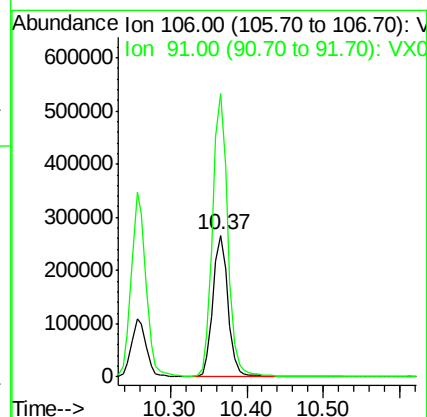
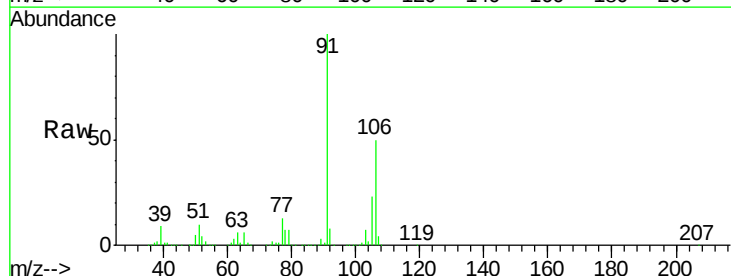
Acq: 02 May 2018 20:42

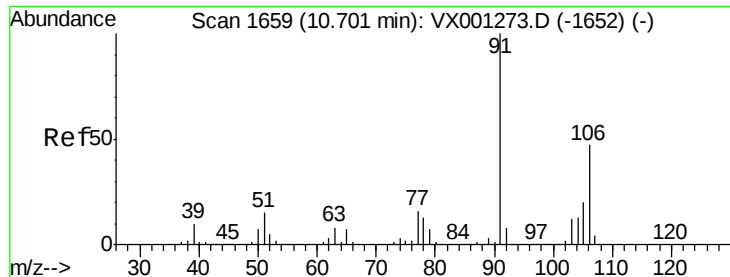
Tgt Ion: 106 Resp: 369960

Ion Ratio Lower Upper

106 100

91 200.6 159.4 239.2

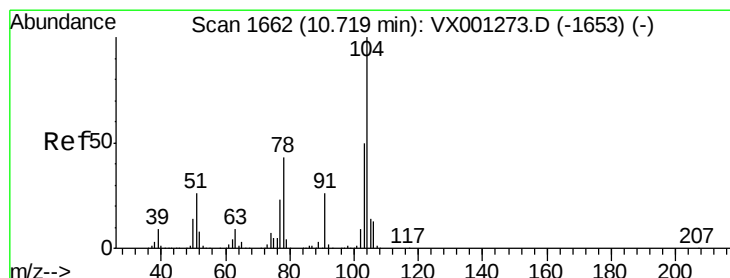
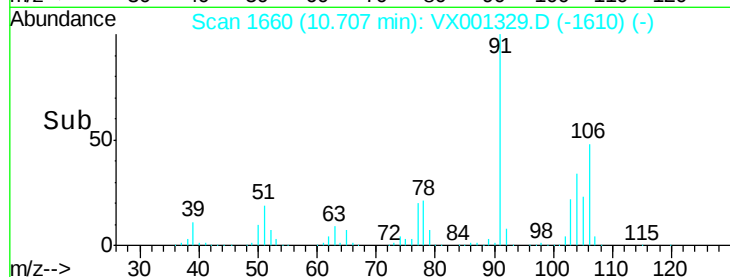
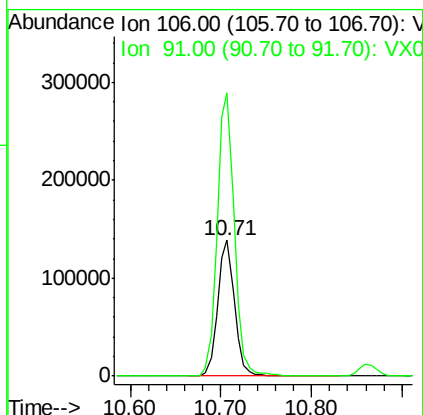
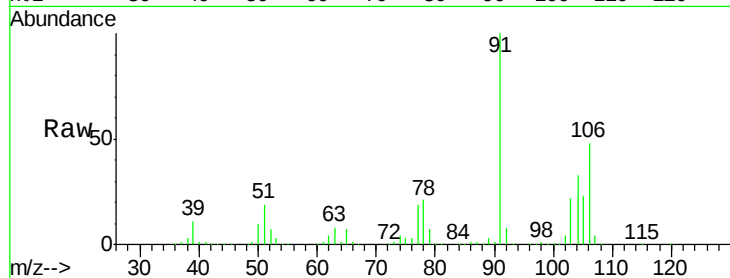




#69
o-Xylene
Concen: 48.70 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

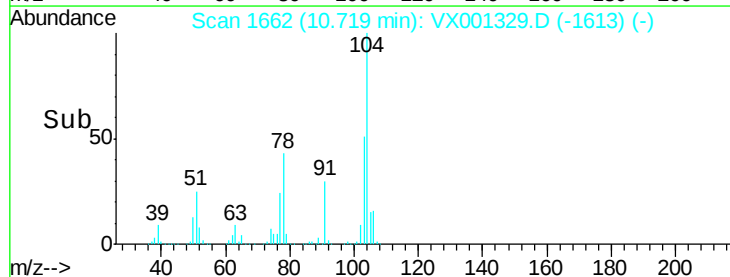
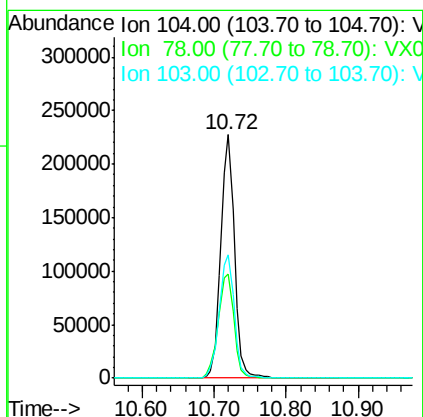
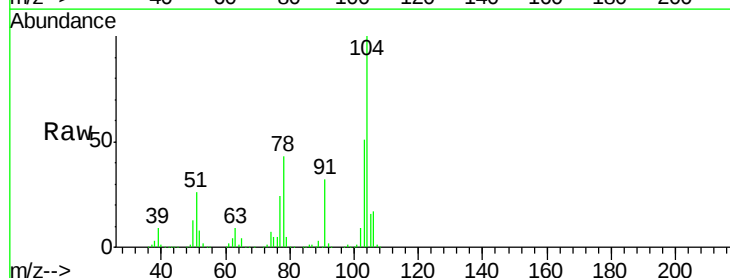
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

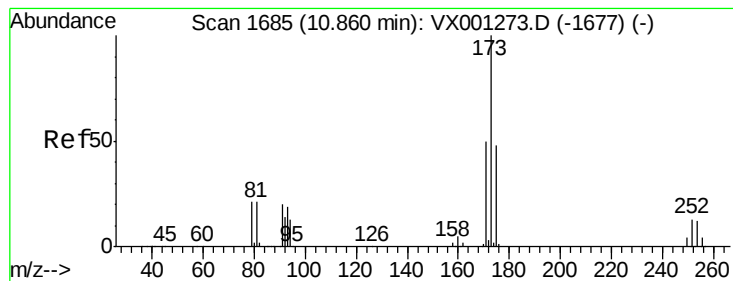
Tgt Ion:106 Resp: 180682
Ion Ratio Lower Upper
106 100
91 211.6 106.3 319.0



#70
Styrene
Concen: 49.45 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

Tgt Ion:104 Resp: 300049
Ion Ratio Lower Upper
104 100
78 49.5 40.1 60.1
103 55.9 44.5 66.7





#71

Bromoform

Concen: 46.57 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

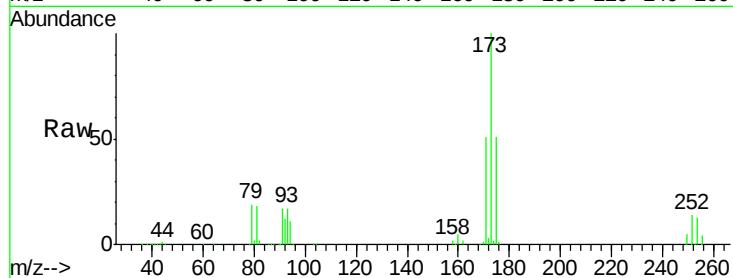
Tgt Ion:173 Resp: 91546

Ion Ratio Lower Upper

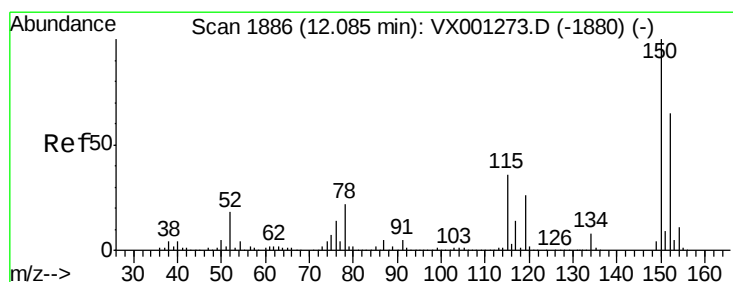
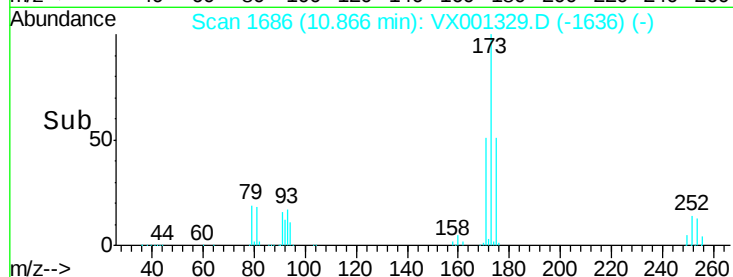
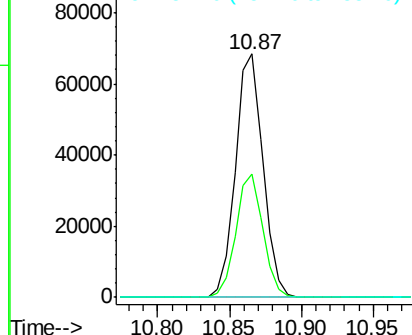
173 100

175 49.5 24.6 74.0

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: VX001329.D

Acq: 02 May 2018 20:42

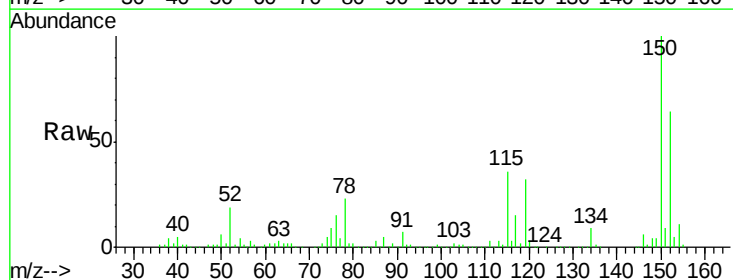
Tgt Ion:152 Resp: 150447

Ion Ratio Lower Upper

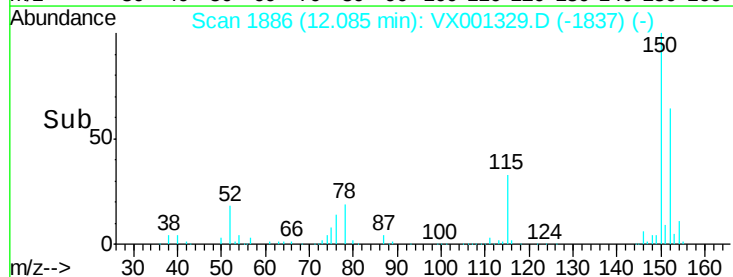
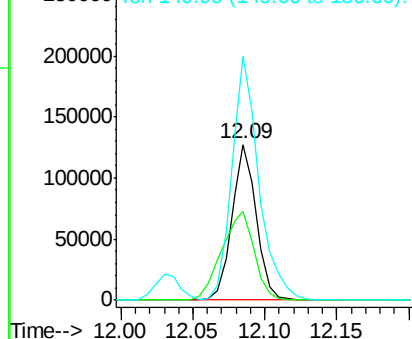
152 100

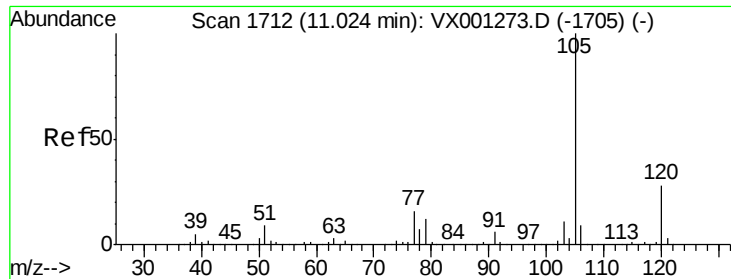
115 76.1 38.6 115.7

150 174.7 0.0 349.2



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: 48.27 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

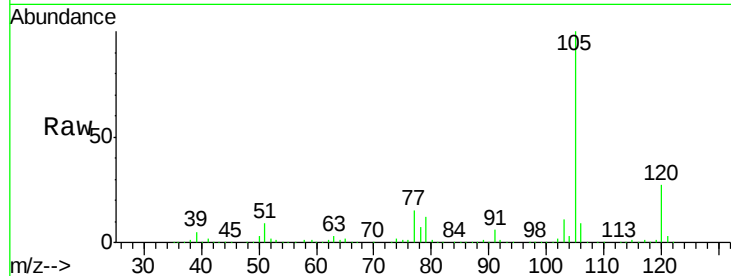
VSTDCCC050EC

Tgt Ion:105 Resp: 485869

Ion Ratio Lower Upper

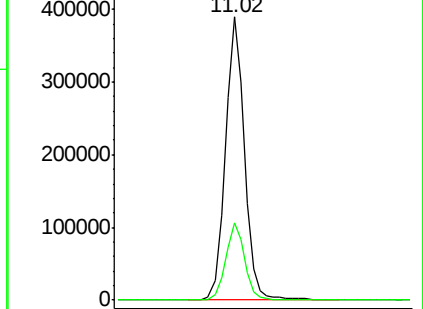
105 100

120 27.2 13.7 41.1

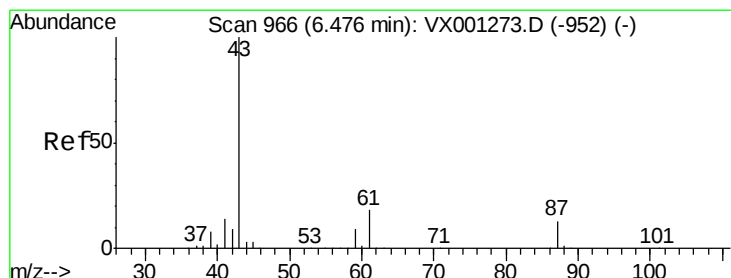
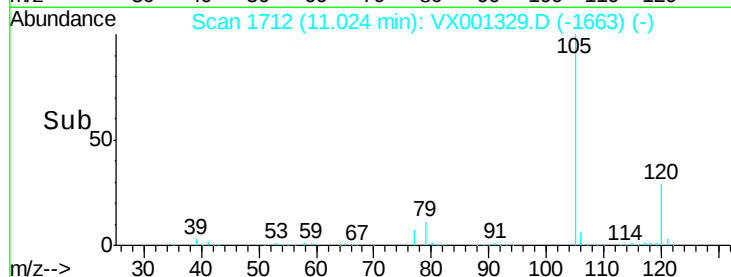


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 51.20 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Tgt Ion: 43 Resp: 221067

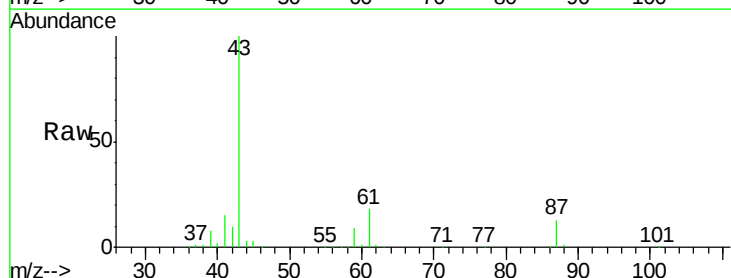
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.6 15.0 22.4

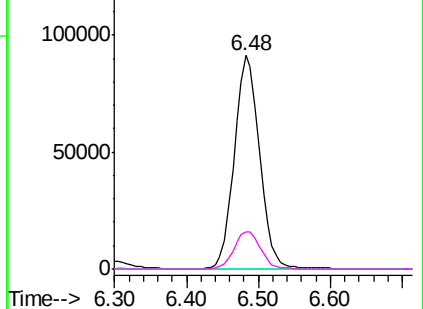


Abundance Ion 43.00 (42.70 to 43.70): VX0

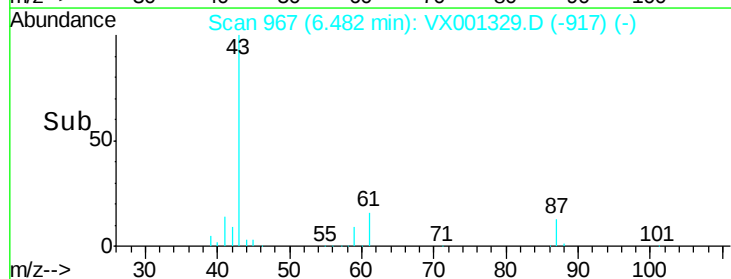
Ion 70.00 (69.70 to 70.70): VX0

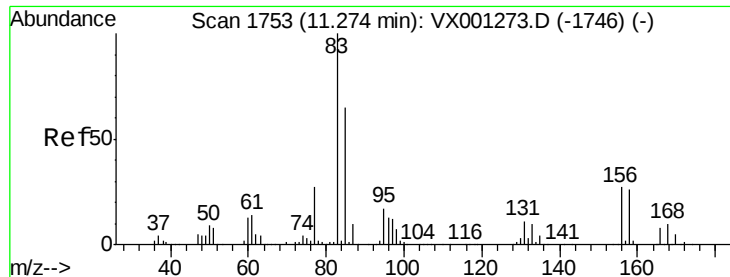
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.16 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

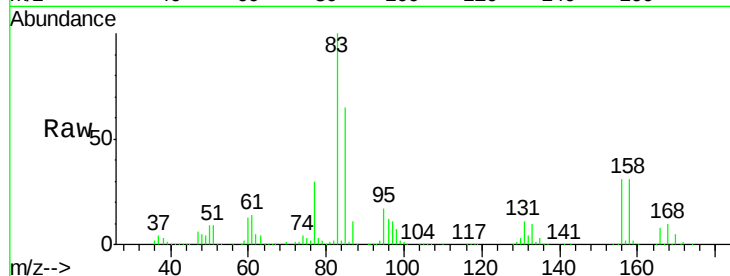
Tgt Ion: 83 Resp: 157298

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.3

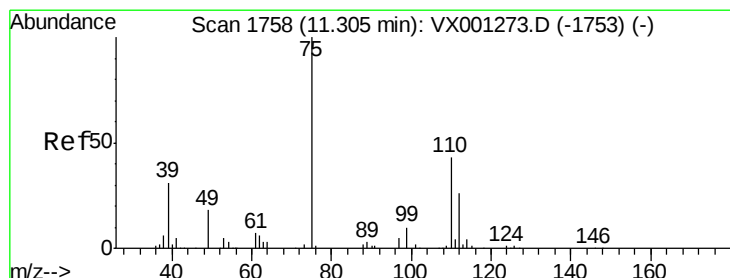
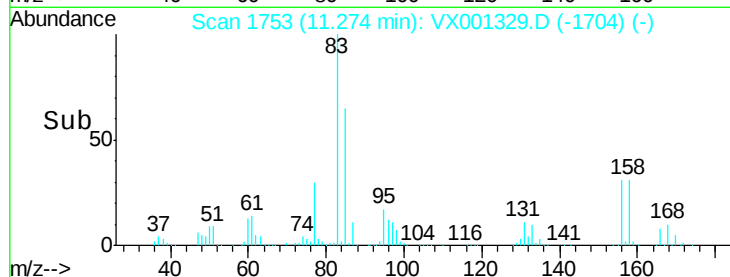
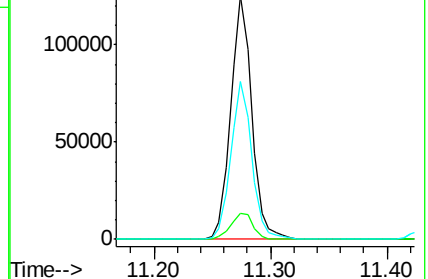
85 64.8 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.08 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001329.D

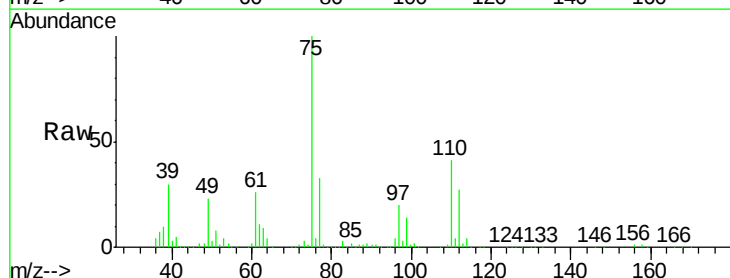
Acq: 02 May 2018 20:42

Tgt Ion: 75 Resp: 175490

Ion Ratio Lower Upper

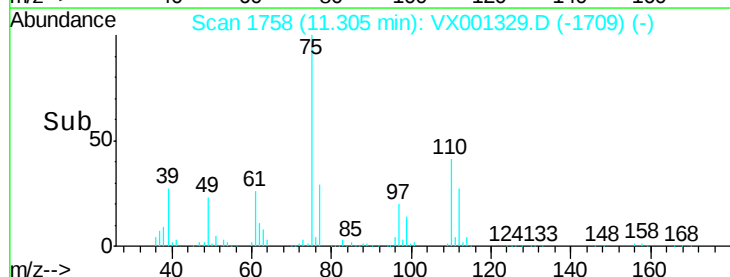
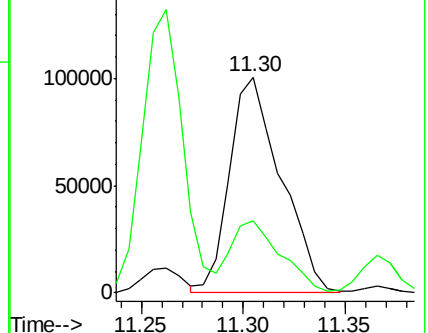
75 100

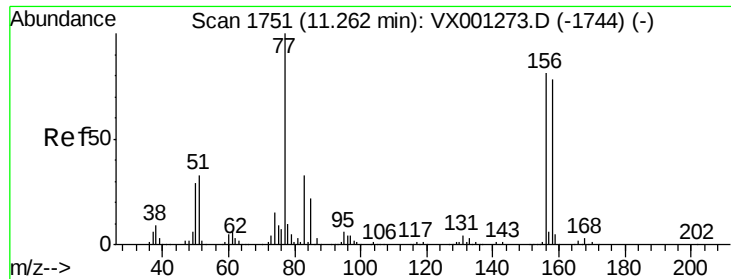
77 32.1 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.02 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

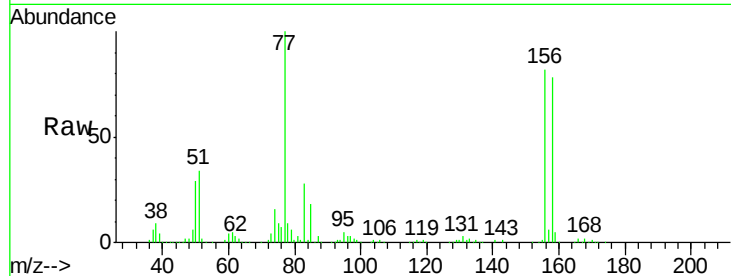
Tgt Ion:156 Resp: 142295

Ion Ratio Lower Upper

156 100

77 127.5 65.3 195.8

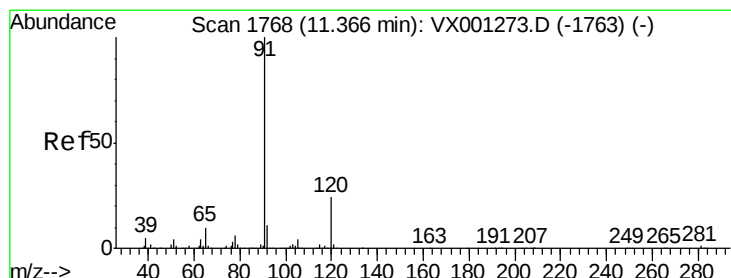
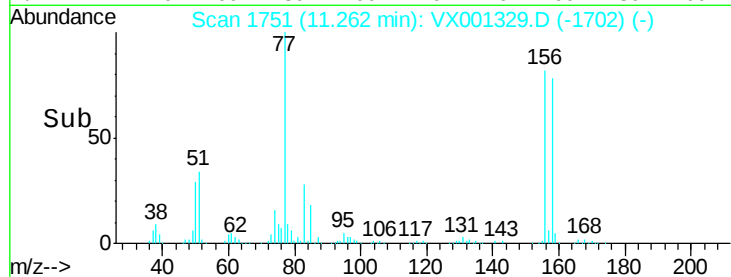
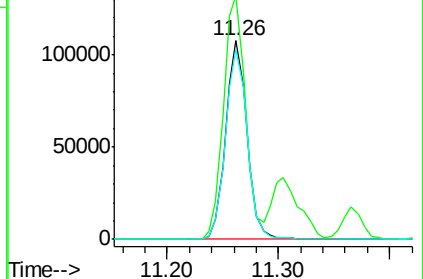
158 97.3 48.5 145.5



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: 48.07 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001329.D

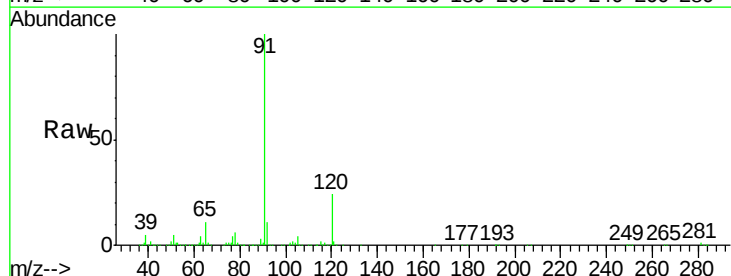
Acq: 02 May 2018 20:42

Tgt Ion: 91 Resp: 537628

Ion Ratio Lower Upper

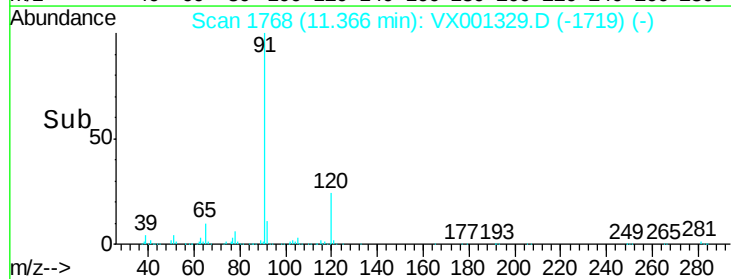
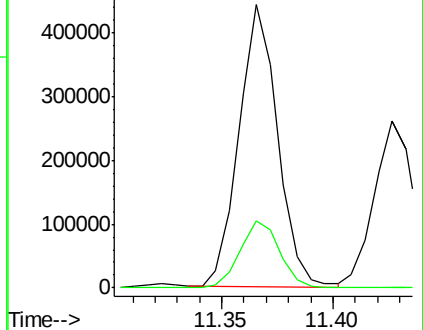
91 100

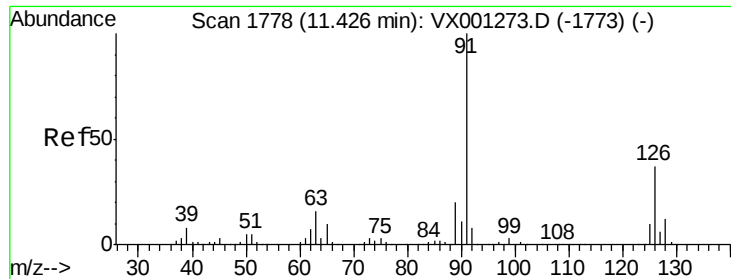
120 24.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

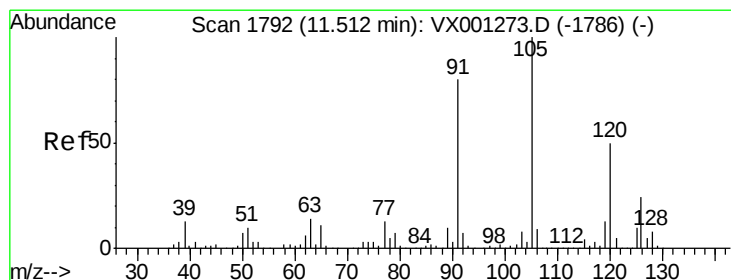
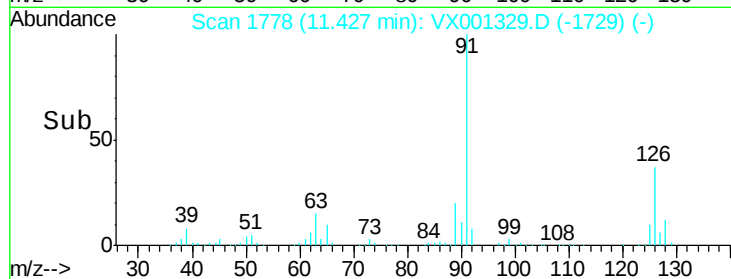
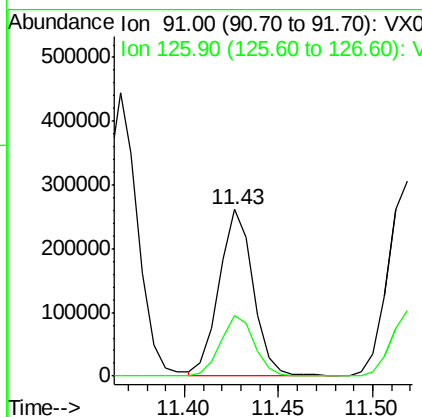
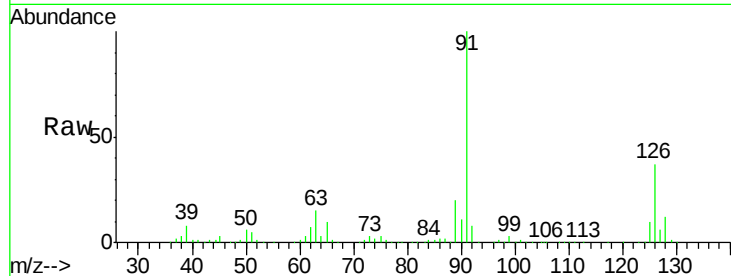




#79
 2-Chlorotoluene
 Concen: 48.15 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

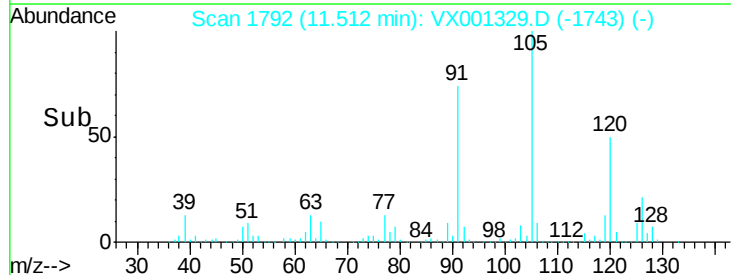
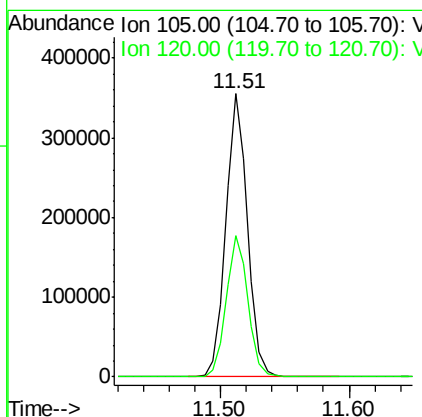
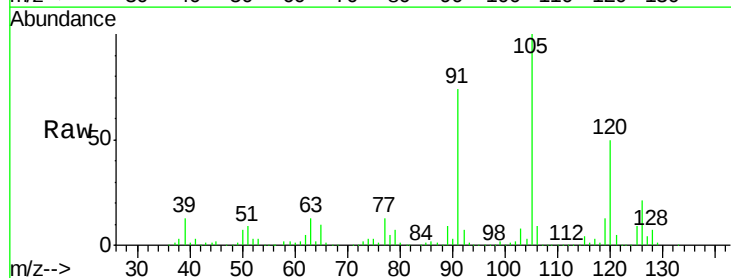
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

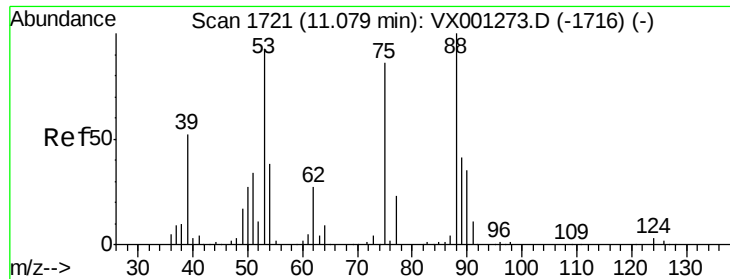
Tgt Ion: 91 Resp: 324974
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 49.59 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

Tgt Ion: 105 Resp: 419155
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 43.99 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

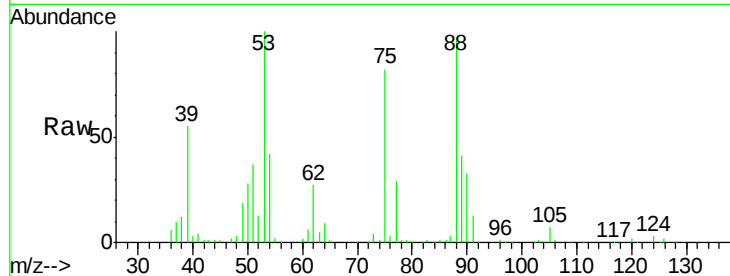
Tgt Ion: 75 Resp: 37133

Ion Ratio Lower Upper

75 100

53 116.3 87.1 130.7

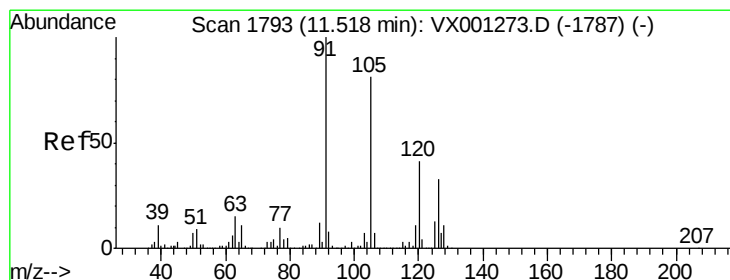
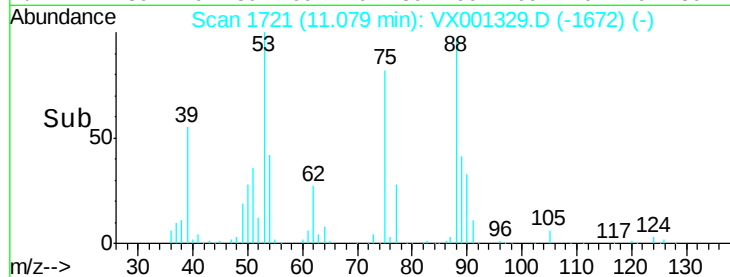
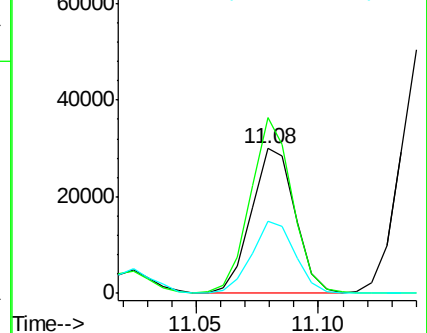
89 49.9 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.81 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001329.D

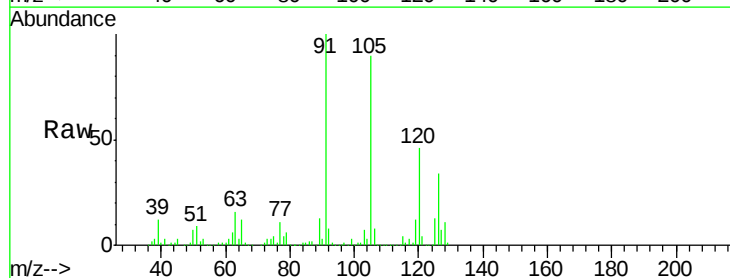
Acq: 02 May 2018 20:42

Tgt Ion: 91 Resp: 388150

Ion Ratio Lower Upper

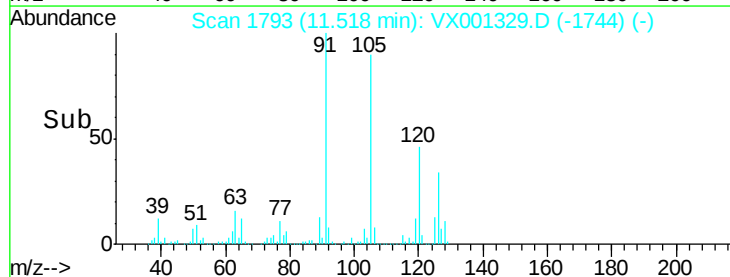
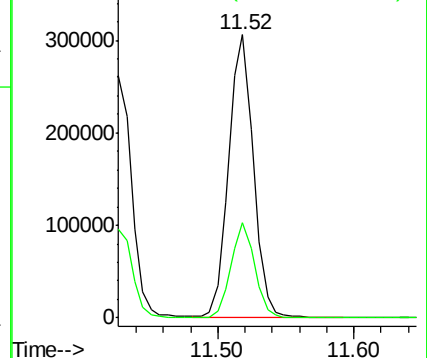
91 100

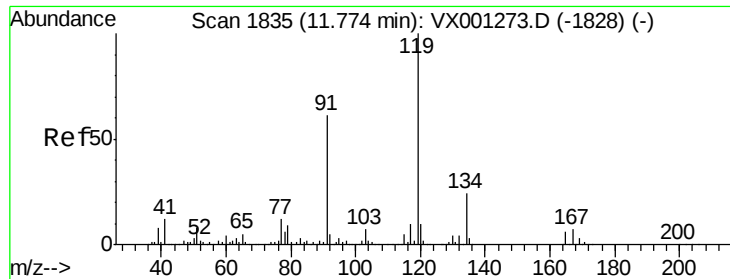
126 32.4 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

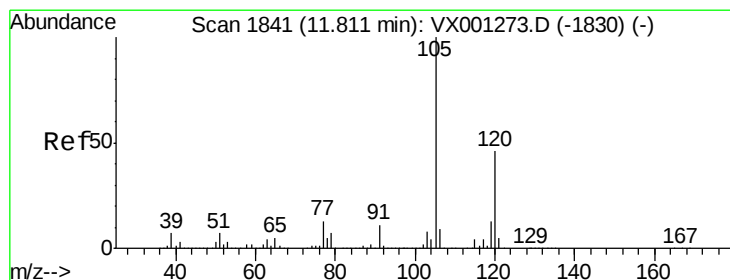
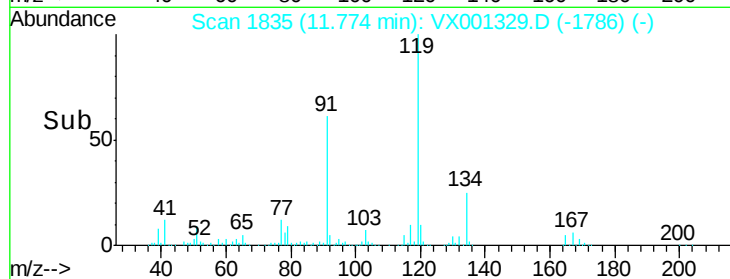
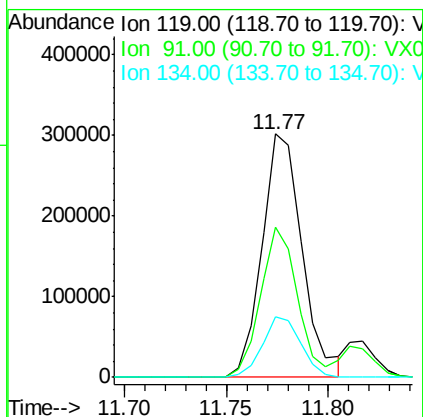
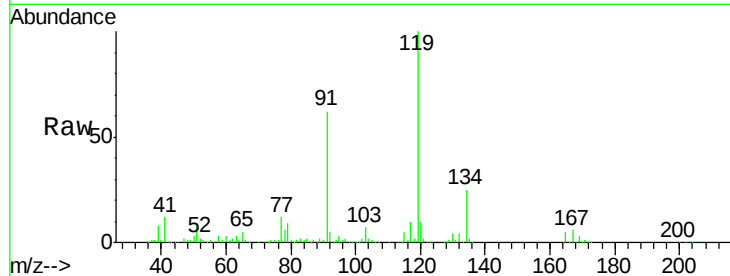




#83
 tert-Butylbenzene
 Concen: 49.33 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

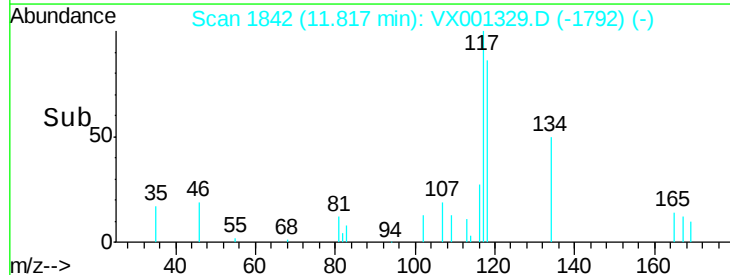
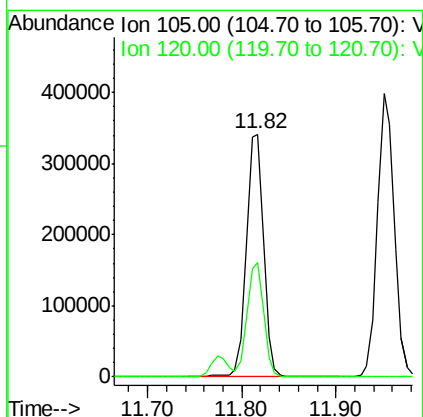
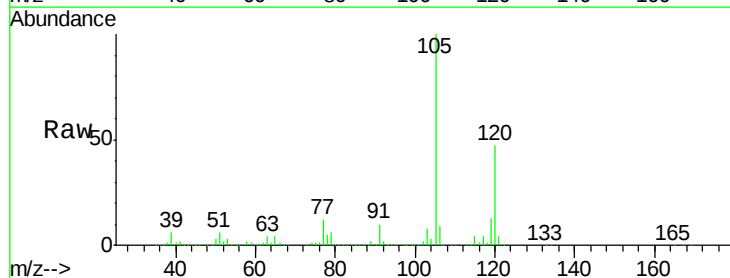
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

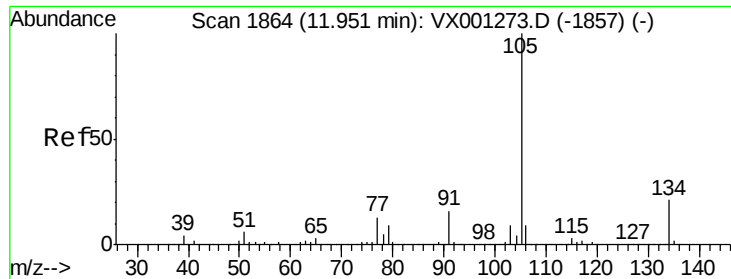
Tgt Ion:119 Resp: 415795
 Ion Ratio Lower Upper
 119 100
 91 56.4 28.1 84.3
 134 23.7 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 49.93 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

Tgt Ion:105 Resp: 432465
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.7 68.1

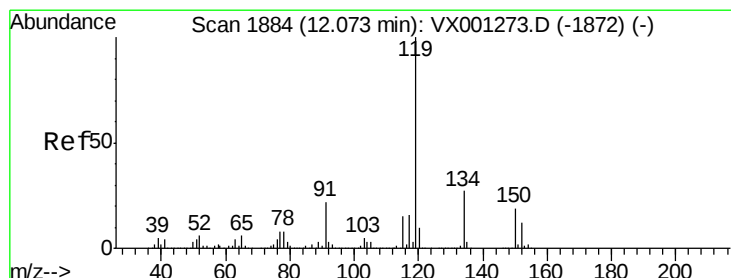
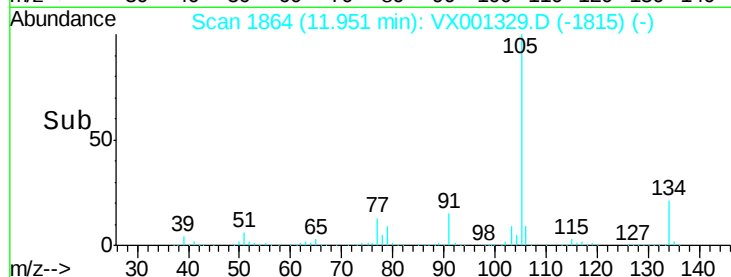
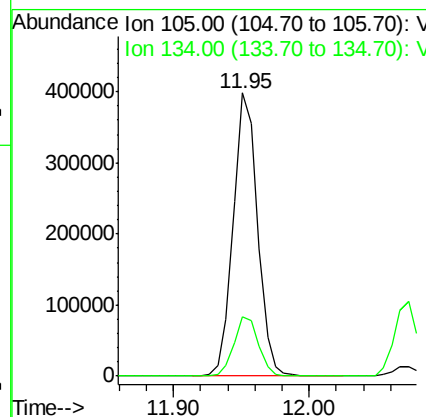
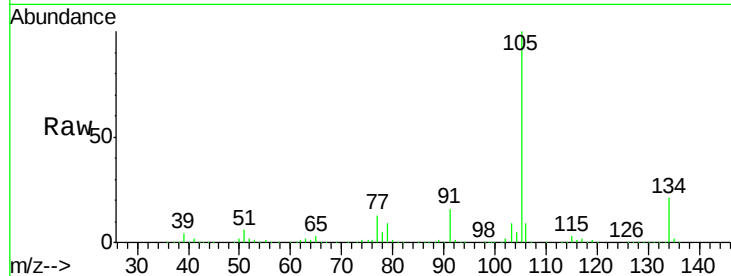




#85
 sec-Butylbenzene
 Concen: 49.02 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

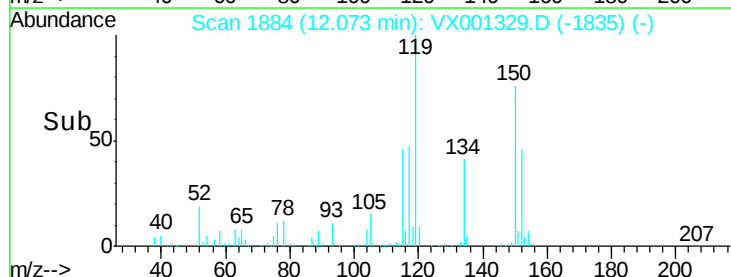
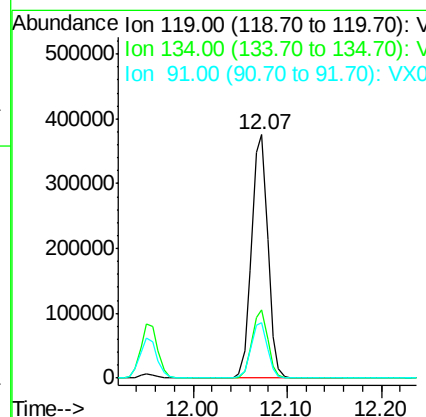
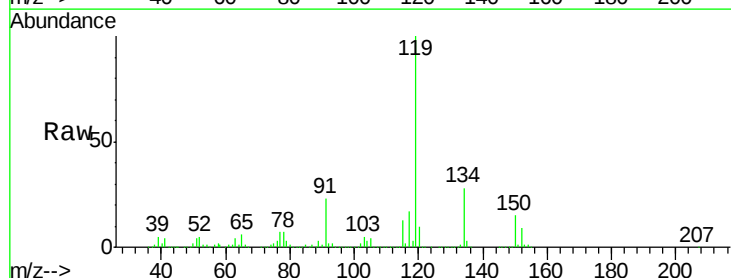
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

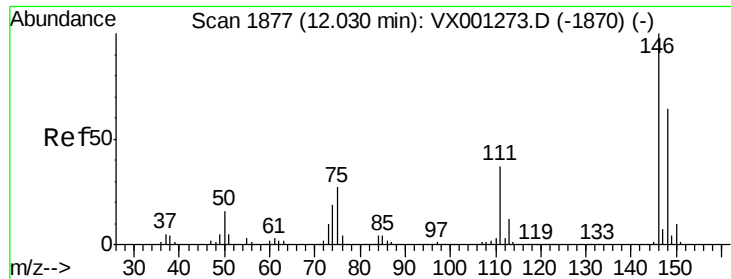
Tgt Ion:105 Resp: 494368
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 49.04 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

Tgt Ion:119 Resp: 453659
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.6 40.7
 91 23.1 11.7 35.1

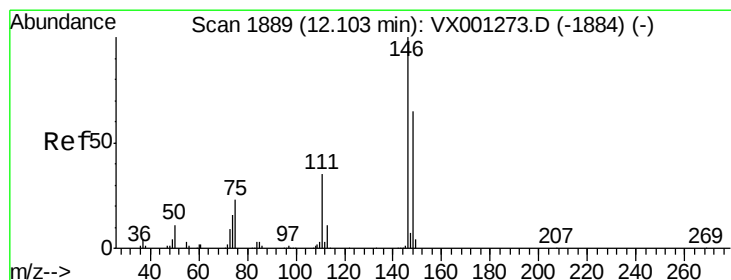
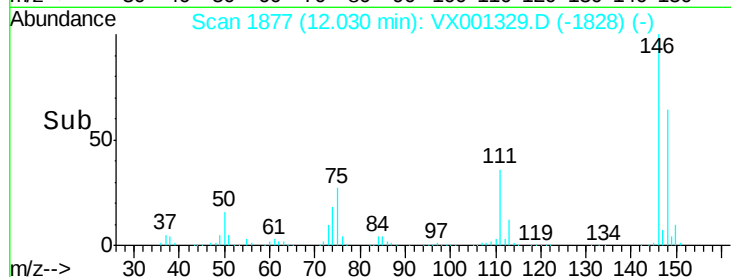
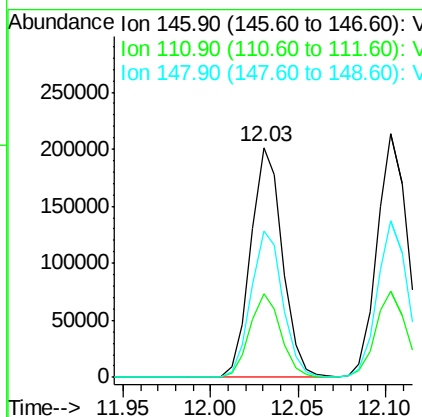
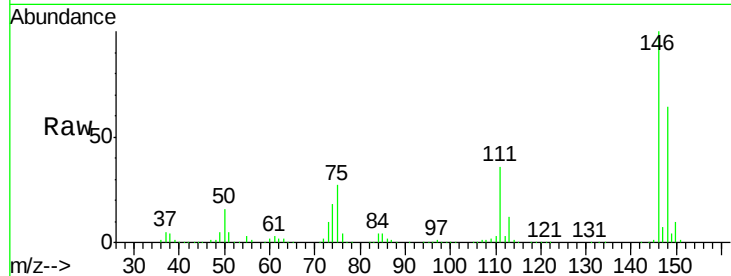




#87
 1,3-Dichlorobenzene
 Concen: 46.82 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

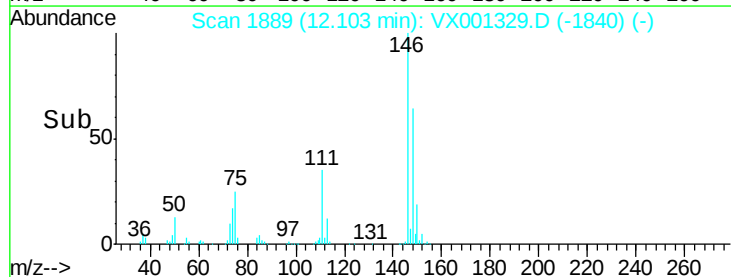
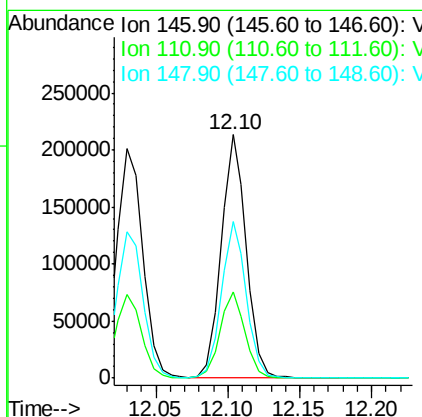
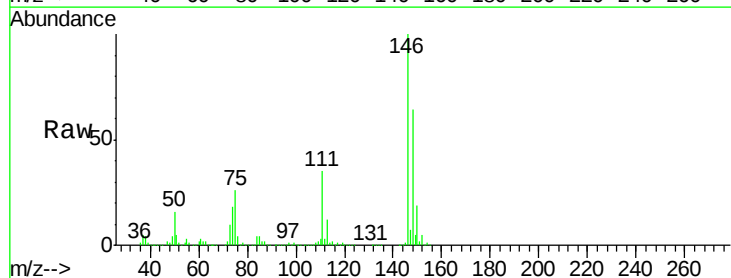
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 253784
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.4 55.2
 148 64.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 46.45 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

Tgt Ion:146 Resp: 259558
 Ion Ratio Lower Upper
 146 100
 111 35.4 17.9 53.7
 148 64.0 32.3 96.8

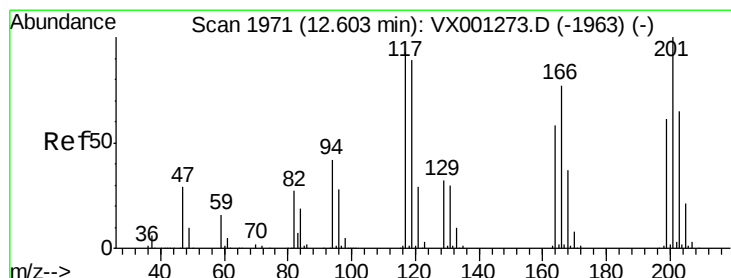
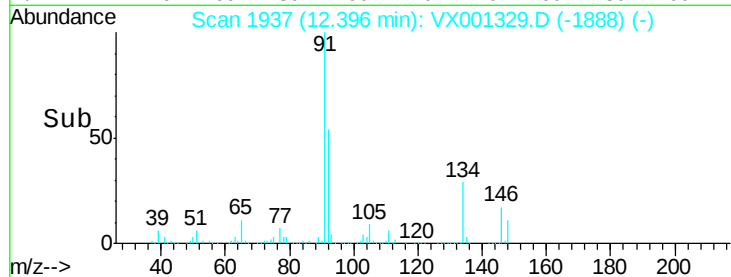
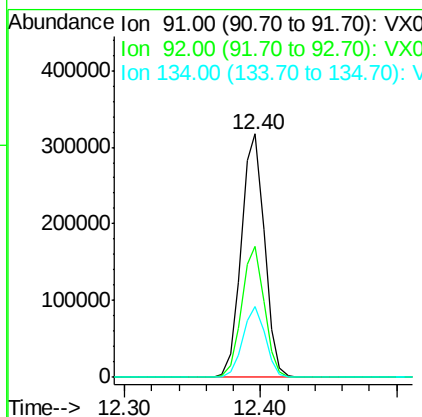
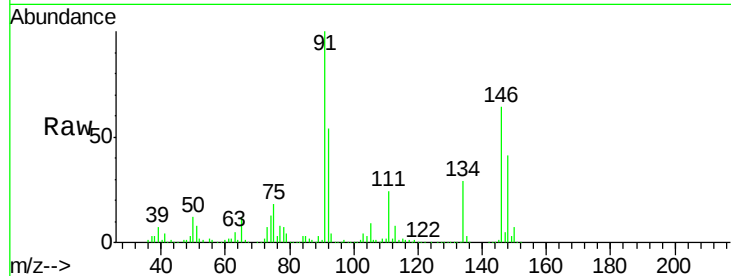




#89
n-Butylbenzene
Concen: 46.75 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

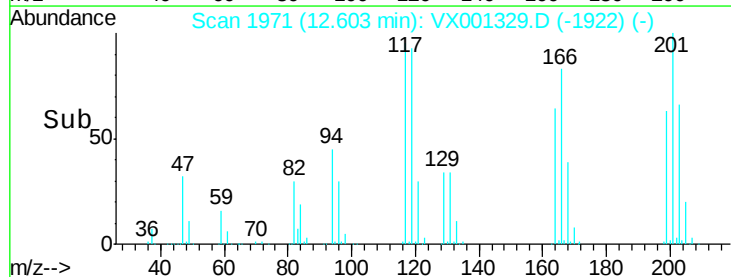
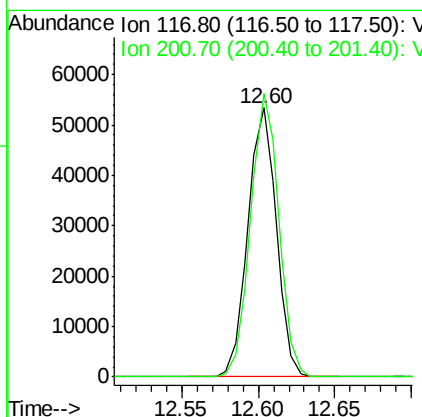
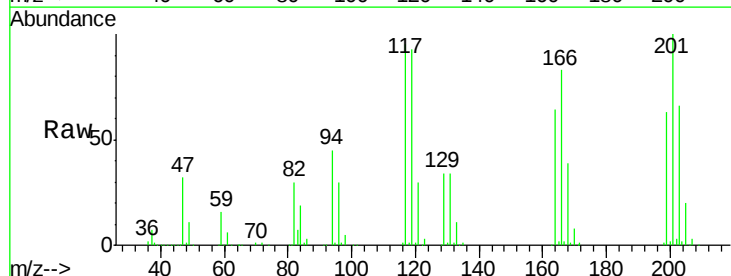
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 377448
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 28.1 14.0 42.0



#90
Hexachloroethane
Concen: 51.55 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001329.D
Acq: 02 May 2018 20:42

Tgt Ion: 117 Resp: 69061
Ion Ratio Lower Upper
117 100
201 104.6 51.6 154.8

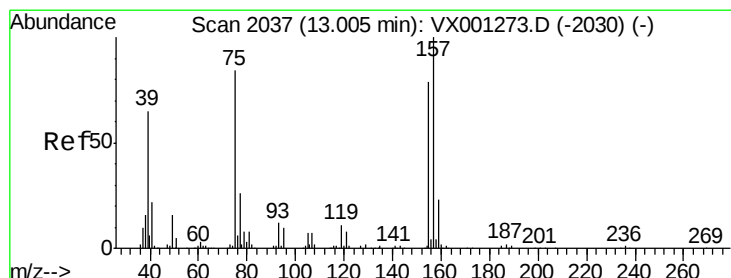
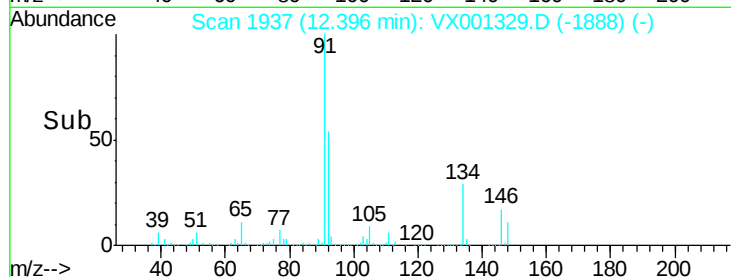
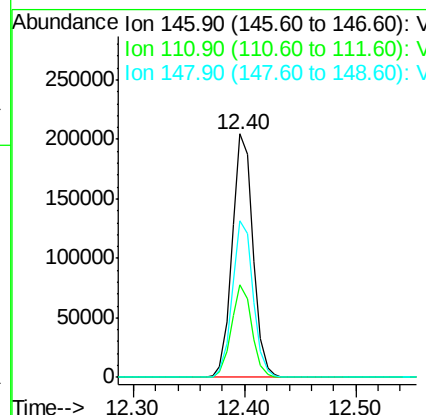
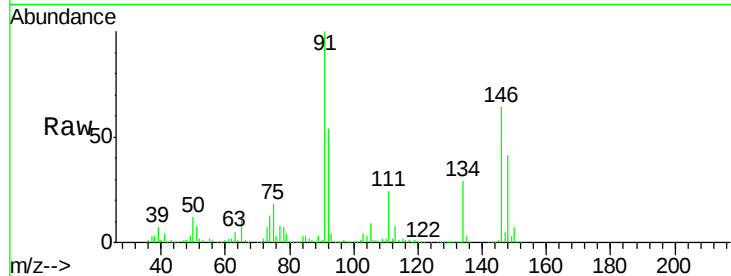




#91
 1,2-Dichlorobenzene
 Concen: 48.78 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

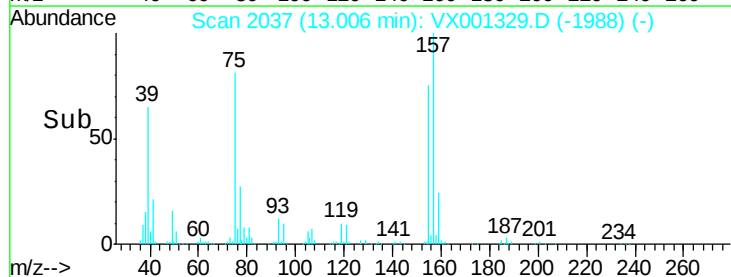
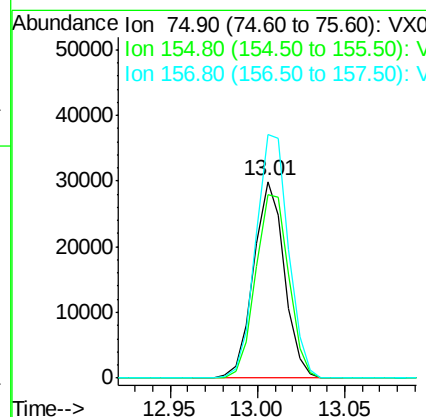
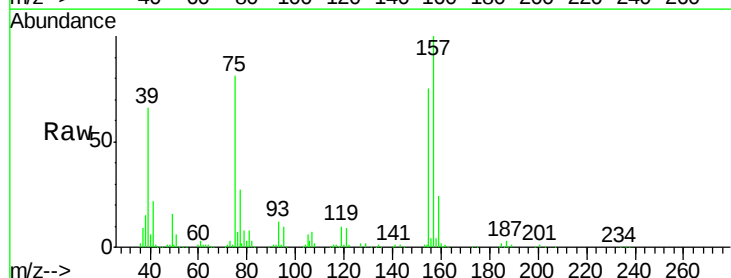
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

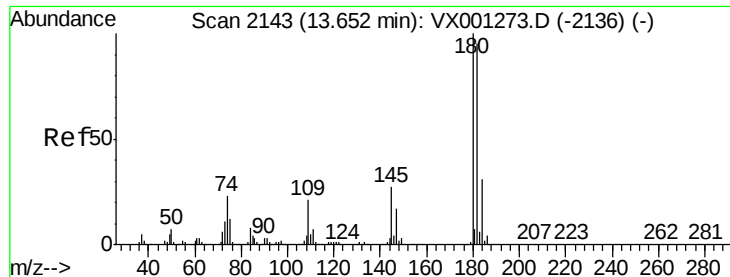
Tgt Ion:146 Resp: 263126
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.9 56.5
 148 64.1 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.97 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

Tgt Ion: 75 Resp: 36549
 Ion Ratio Lower Upper
 75 100
 155 100.6 49.9 149.7
 157 131.8 63.7 191.1

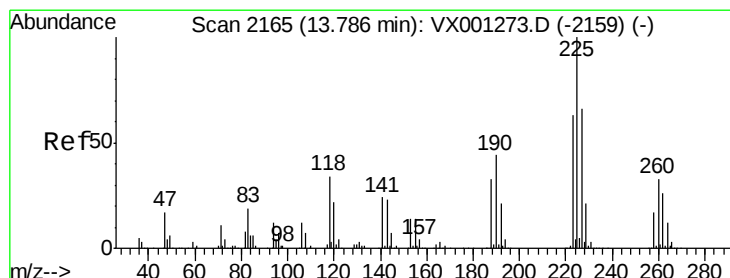
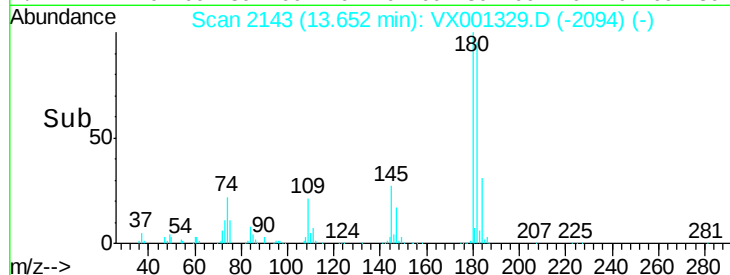
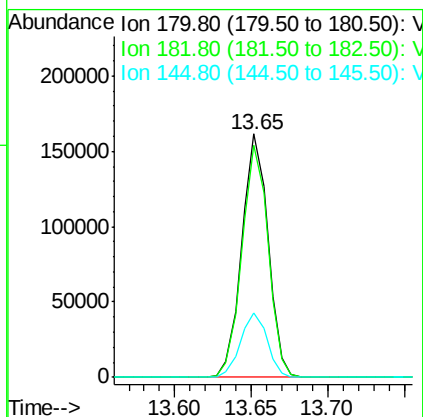
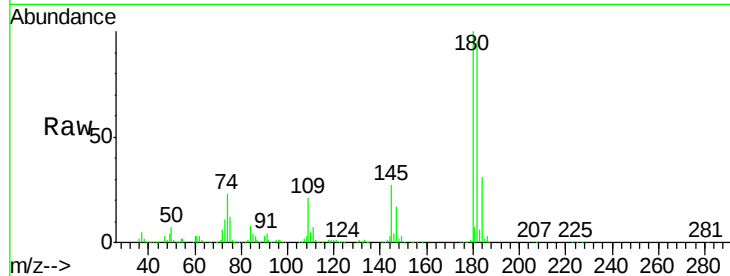




#93
 1,2,4-Trichlorobenzene
 Concen: 44.22 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

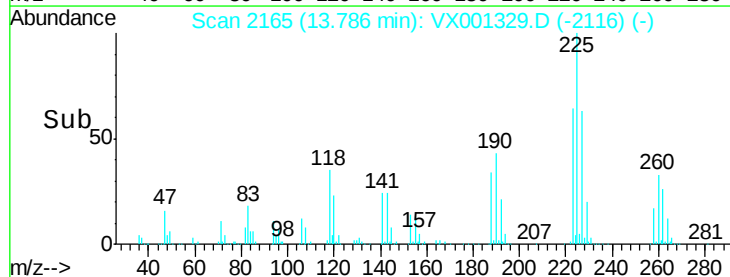
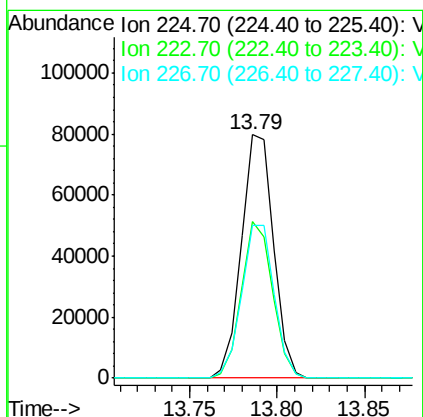
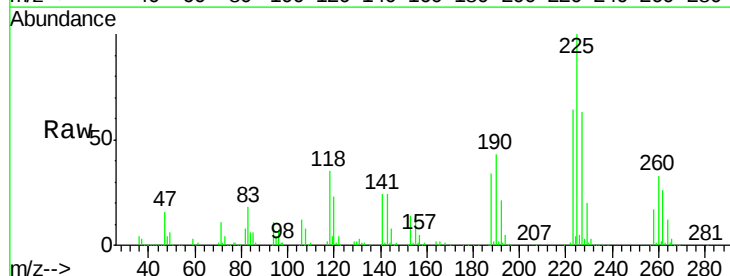
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

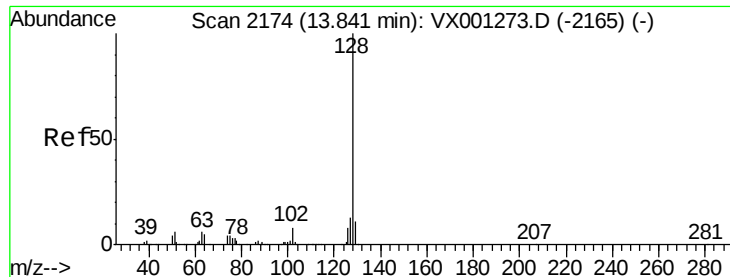
Tgt Ion:180 Resp: 191874
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 141.9
 145 27.1 13.5 40.4



#94
 Hexachlorobutadiene
 Concen: 44.92 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001329.D
 Acq: 02 May 2018 20:42

Tgt Ion:225 Resp: 101983
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.4 94.0
 227 63.7 32.5 97.5





#95

Naphthalene

Concen: 52.14 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

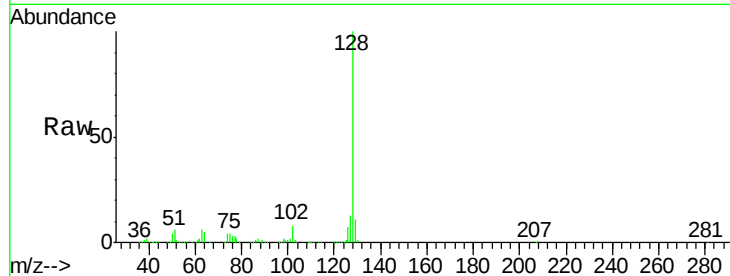
Tgt Ion:128 Resp: 574026

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

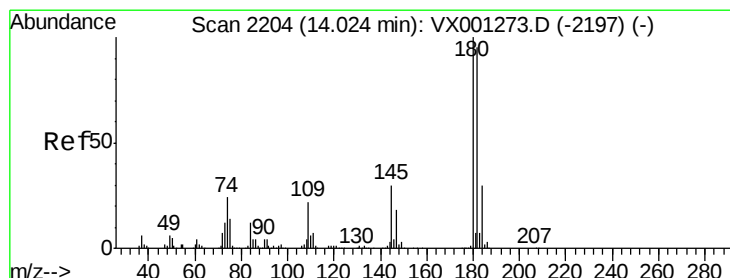
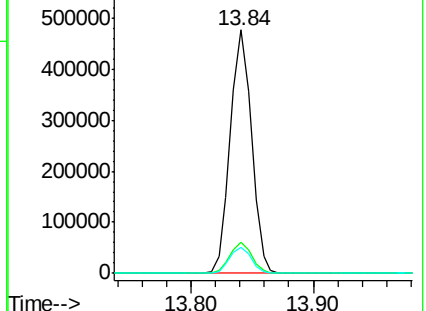
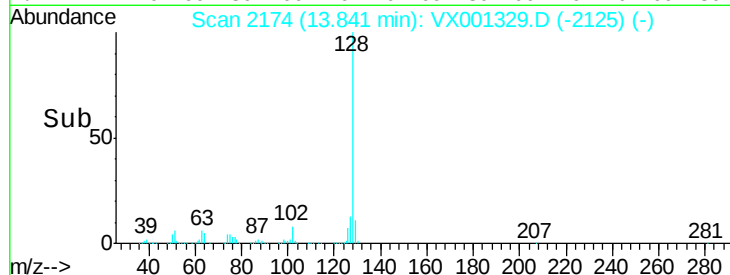
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.35 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX001329.D

Acq: 02 May 2018 20:42

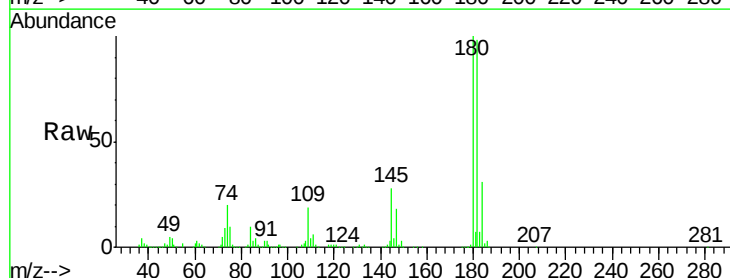
Tgt Ion:180 Resp: 201712

Ion Ratio Lower Upper

180 100

182 97.1 48.1 144.3

145 28.6 14.4 43.4



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

