

Data File : VX001889.D

Acq On : 21 May 2018 22:18

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 22 01:56:50 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276831	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	199679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	120454	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144594	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	5.50	113	131060	56.10	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	112.20%	
50) Toluene-d8	8.72	98	435045	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	11.14	95	120161	39.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103918	47.75	ug/l	100
3) Chloromethane	1.32	50	132248	56.26	ug/l	99
4) Vinyl Chloride	1.40	62	126710	49.86	ug/l	99
5) Bromomethane	1.64	94	52649	49.17	ug/l	96
6) Chloroethane	1.71	64	95987	59.96	ug/l	100
7) Trichlorofluoromethane	1.92	101	195755	53.01	ug/l	97
8) Diethyl Ether	2.19	74	88486	58.21	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	121068	54.46	ug/l	99
10) Methyl Iodide	2.51	142	152160	74.39	ug/l	98
11) Tert butyl alcohol	3.08	59	206776	400.70	ug/l	99
12) 1,1-Dichloroethene	2.37	96	99472	46.41	ug/l	99
13) Acrolein	2.29	56	55764	152.37	ug/l	99
14) Allyl chloride	2.73	41	207551	52.39	ug/l	94
15) Acrylonitrile	3.15	53	436499	336.78	ug/l	99
16) Acetone	2.45	43	386419	338.49	ug/l	99
17) Carbon Disulfide	2.57	76	208833	37.35	ug/l	98
18) Methyl Acetate	2.78	43	236649	70.91	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	434893	60.20	ug/l	100
20) Methylene Chloride	2.86	84	125575	51.39	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	104692	44.34	ug/l	99
22) Diisopropyl ether	3.87	45	447566	58.89	ug/l	98
23) Vinyl Acetate	3.82	43	1336069	244.00	ug/l	99
24) 1,1-Dichloroethane	3.70	63	237018	56.87	ug/l	99
25) 2-Butanone	4.71	43	650155	371.98	ug/l	97
26) 2,2-Dichloropropane	4.58	77	135442	40.36	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	144063	53.62	ug/l	96
28) Bromochloromethane	5.02	49	111630	60.29	ug/l	99
29) Tetrahydrofuran	5.17	42	428168	375.82	ug/l	100
30) Chloroform	5.21	83	243631	55.65	ug/l	100
31) Cyclohexane	5.57	56	200234	54.81	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	220541	58.29	ug/l	99
36) 1,1-Dichloropropene	5.80	75	145560	45.68	ug/l	99
37) Ethyl Acetate	4.87	43	216967	65.33	ug/l	99
38) Carbon Tetrachloride	5.78	117	193467	57.95	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 22 01:56:50 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196107	52.67	ug/l	99
40) Benzene	6.15	78	532877	56.75	ug/l	100
41) Methacrylonitrile	5.07	41	129895	67.63	ug/l	98
42) 1,2-Dichloroethane	6.20	62	176670	52.03	ug/l	97
43) Isopropyl Acetate	6.47	43	333858	64.23	ug/l	98
44) Trichloroethene	7.21	130	149565	51.32	ug/l	99
45) 1,2-Dichloropropane	7.52	63	145835	63.30	ug/l	97
46) Dibromomethane	7.67	93	84804	52.42	ug/l	96
47) Bromodichloromethane	7.90	83	176872	58.92	ug/l	97
48) Methyl methacrylate	7.78	41	180976	66.15	ug/l	95
49) 1,4-Dioxane	7.76	88	99097	1881.15	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1238823	376.08	ug/l	98
52) Toluene	8.79	92	285908	47.39	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	173762	49.19	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	122364	39.30	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	123313	53.47	ug/l	99
56) Ethyl methacrylate	9.19	69	182405	55.77	ug/l	97
57) 1,3-Dichloropropane	9.38	76	193955	50.23	ug/l	100
59) 2-Hexanone	9.50	43	761132	322.78	ug/l	98
60) Dibromochloromethane	9.59	129	127957	54.18	ug/l	99
61) 1,2-Dibromoethane	9.68	107	115868	47.99	ug/l	98
64) Tetrachloroethene	9.34	164	186407	71.71	ug/l	99
65) Chlorobenzene	10.14	112	281856	51.32	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	134137	69.15	ug/l	99
67) Ethyl Benzene	10.26	91	480749	54.77	ug/l	99
68) m/p-Xylenes	10.36	106	384135	110.92	ug/l	100
69) o-Xylene	10.70	106	202463	61.04	ug/l	100
70) Styrene	10.72	104	260659	47.65	ug/l	97
71) Bromoform	10.86	173	108884	59.71	ug/l	99
73) Isopropylbenzene	11.02	105	542386	68.37	ug/l	99
74) N-amyl acetate	6.47	43	333858	87.79	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	183050	76.93	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	203896	89.02	ug/l	92
77) Bromobenzene	11.26	156	134705	57.79	ug/l	98
78) n-propylbenzene	11.37	91	530317	59.34	ug/l	99
79) 2-Chlorotoluene	11.43	91	334866	62.65	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	439599	67.55	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	41850	54.15	ug/l	99
82) 4-Chlorotoluene	11.51	91	354165	56.25	ug/l	99
83) tert-Butylbenzene	11.77	119	468196	72.30	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	450628	66.87	ug/l	100
85) sec-Butylbenzene	11.95	105	522045	65.30	ug/l	100
86) p-Isopropyltoluene	12.07	119	468209	63.29	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	226437	52.53	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	224920	50.46	ug/l	100
89) n-Butylbenzene	12.40	91	329712	51.53	ug/l	100
90) Hexachloroethane	12.60	117	86927	75.66	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	253410	59.00	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44902	88.41	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	167010	48.78	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052118\
Quantitation Report (Not Reviewed)

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Instrument :
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Quant Time: May 22 01:56:50 2018
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Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

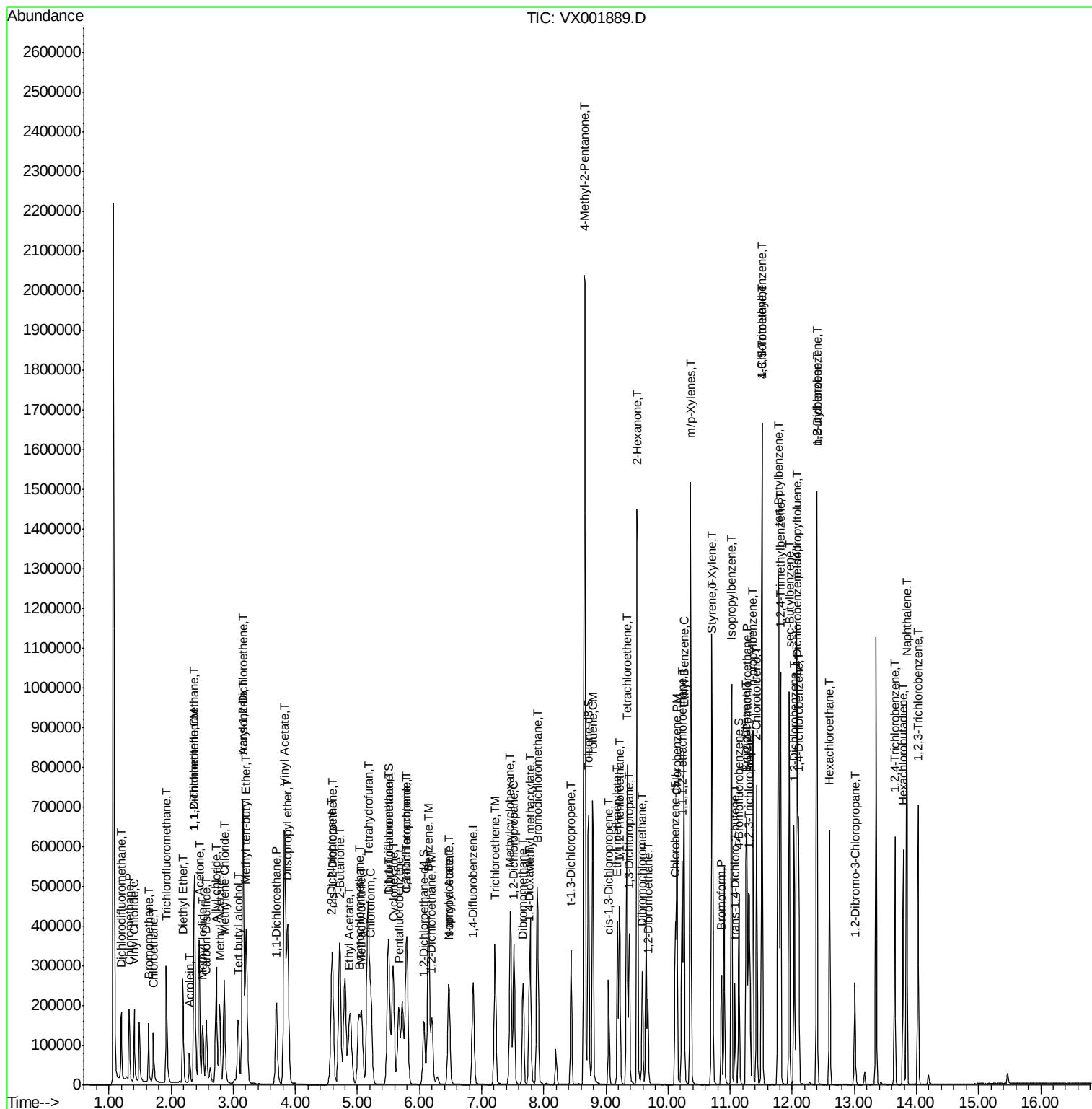
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	102657	55.85	ug/l	99
95) Naphthalene	13.84	128	592715	66.61	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	192626	55.87	ug/l	100

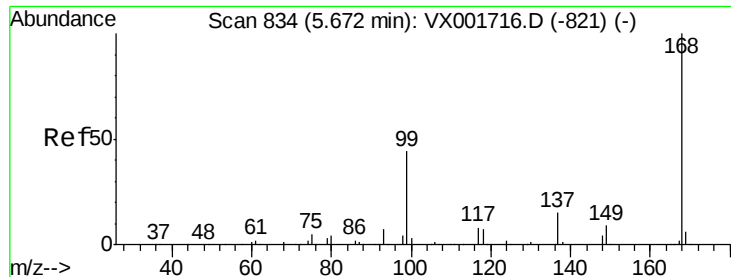
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 20 Sample Multiplier: 1

VSTDCCC050EC

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

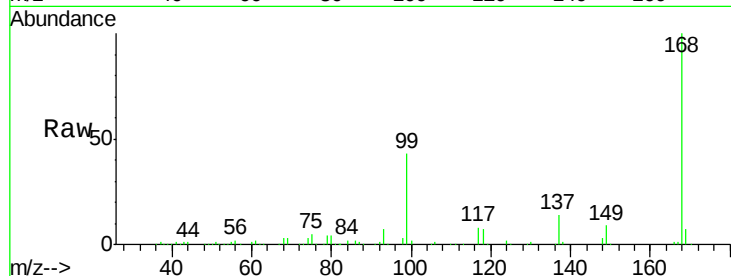
VSTDCCC050EC

Tgt Ion:168 Resp: 216846

Ion Ratio Lower Upper

168 100

99 43.1 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

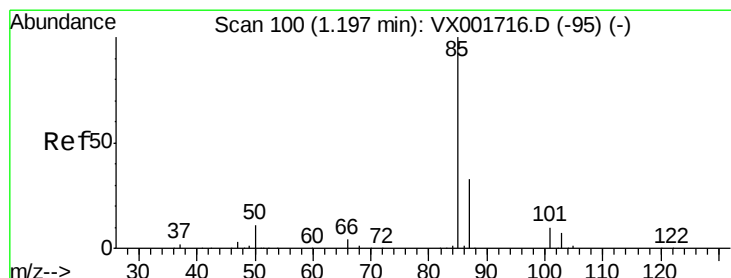
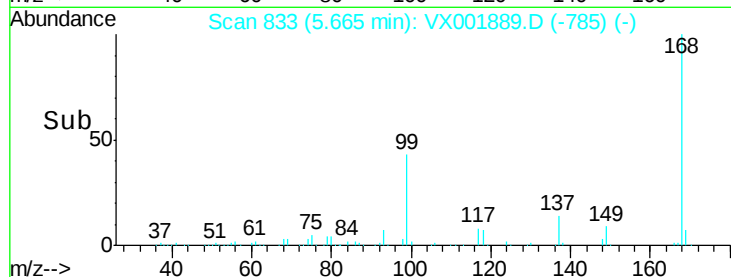
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.75 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001889.D

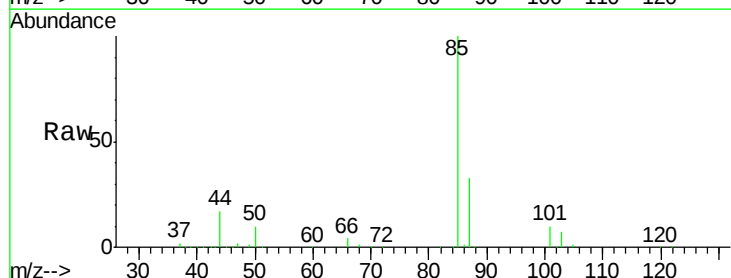
Acq: 21 May 2018 22:18

Tgt Ion: 85 Resp: 103918

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

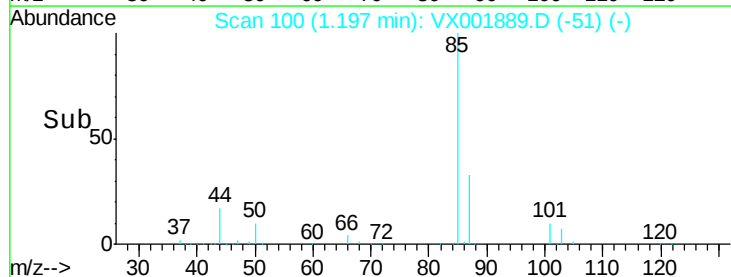
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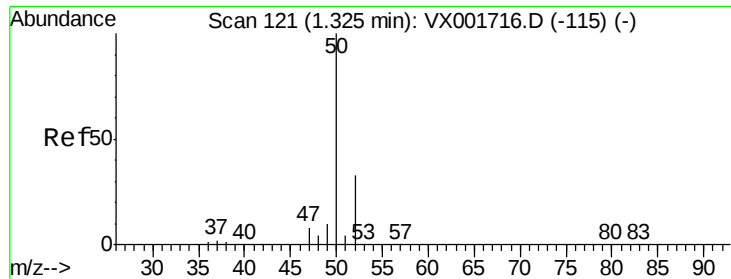
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 56.26 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

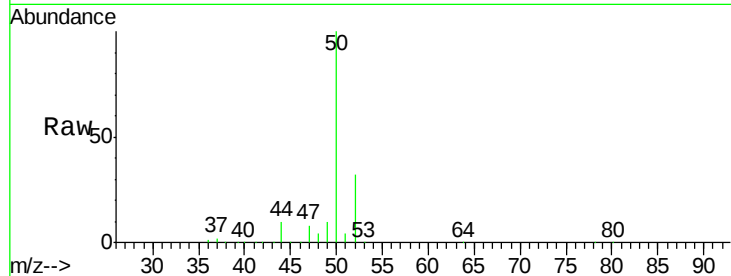
VSTDCCC050EC

Tgt Ion: 50 Resp: 132248

Ion Ratio Lower Upper

50 100

52 32.5 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

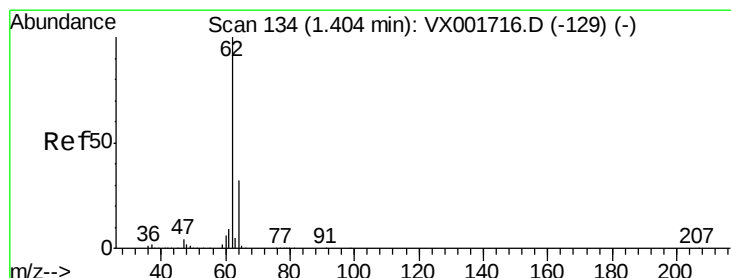
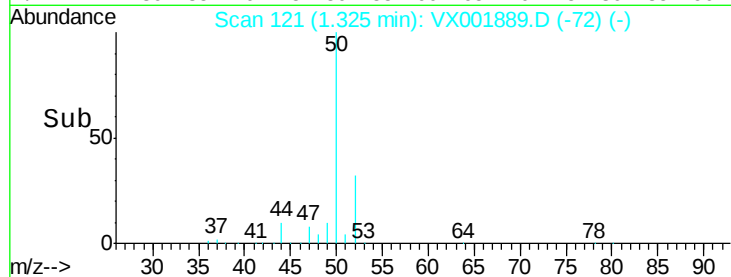
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 49.86 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001889.D

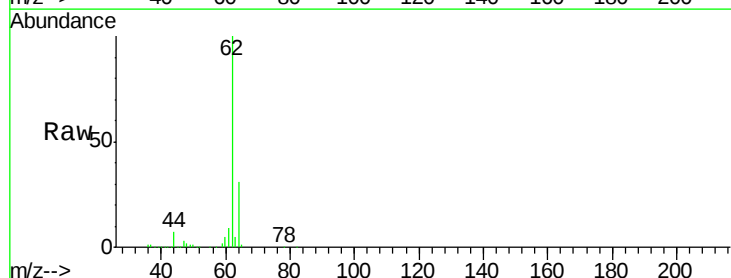
Acq: 21 May 2018 22:18

Tgt Ion: 62 Resp: 126710

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

120000

100000

80000

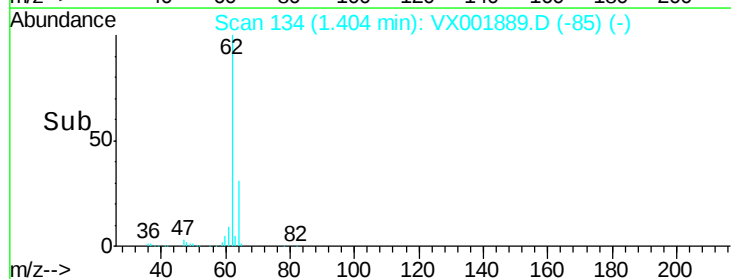
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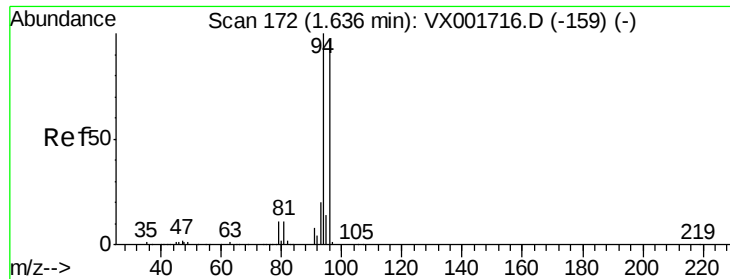
40000

20000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 49.17 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

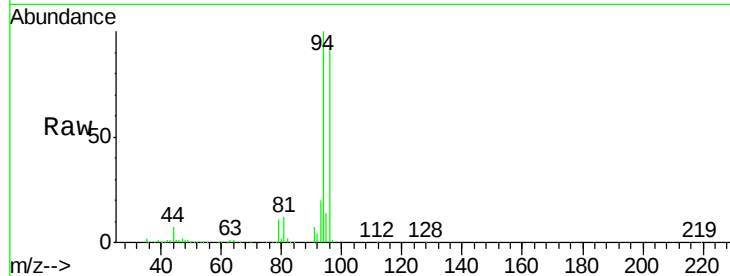
VSTDCCC050EC

Tgt Ion: 94 Resp: 52649

Ion Ratio Lower Upper

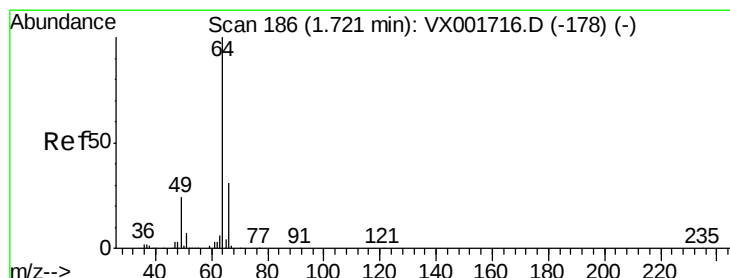
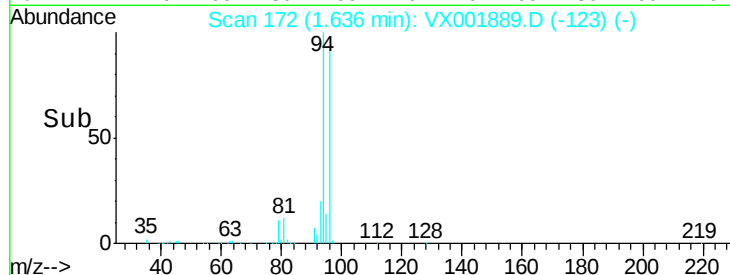
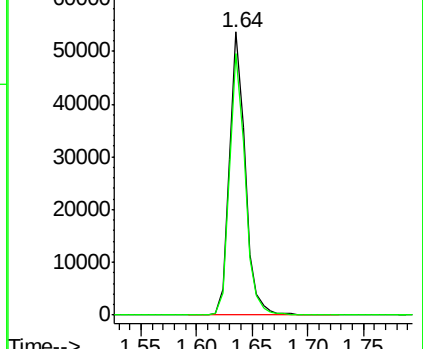
94 100

96 92.3 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 59.96 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001889.D

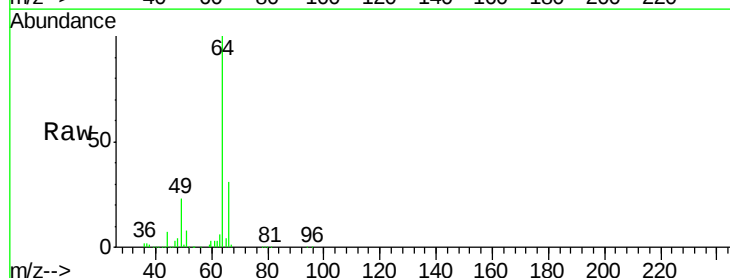
Acq: 21 May 2018 22:18

Tgt Ion: 64 Resp: 95987

Ion Ratio Lower Upper

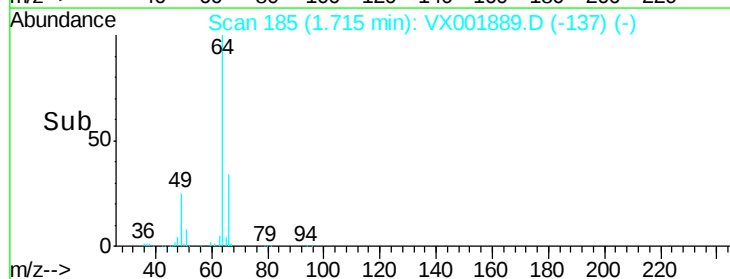
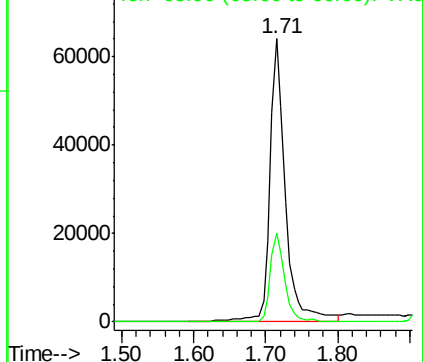
64 100

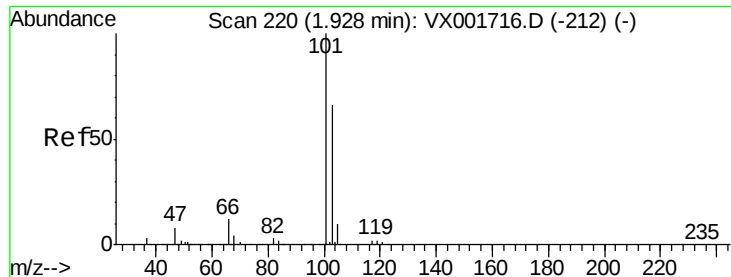
66 31.3 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 53.01 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX001889.D

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Instrument :

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ClientSampleId :

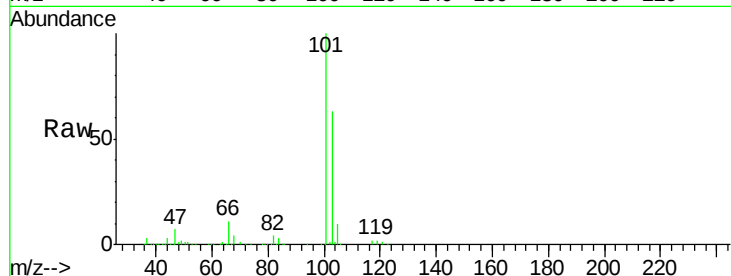
VSTDCCC050EC

Tgt Ion:101 Resp: 195755

Ion Ratio Lower Upper

101 100

103 63.2 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.92

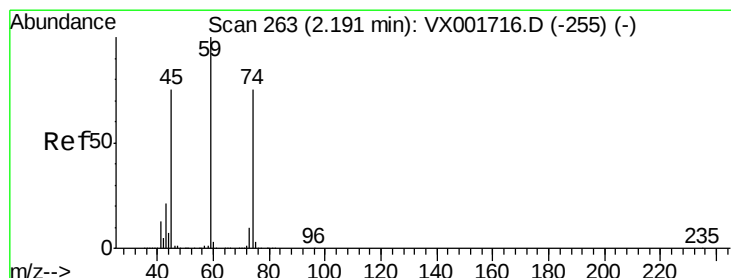
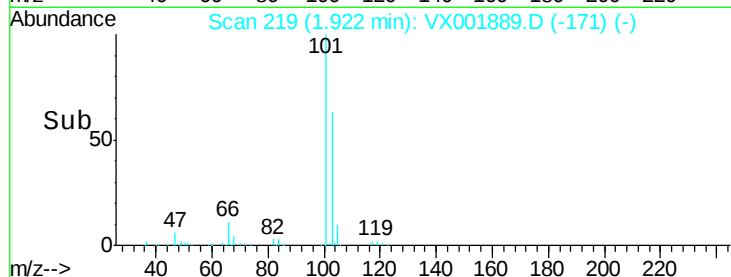
150000

100000

50000

0

Time--> 1.80 1.90 2.00 2.10



#8

Diethyl Ether

Concen: 58.21 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001889.D

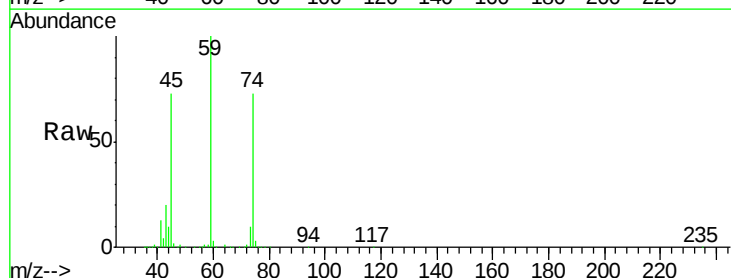
Acq: 21 May 2018 22:18

Tgt Ion: 74 Resp: 88486

Ion Ratio Lower Upper

74 100

45 99.0 50.0 149.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

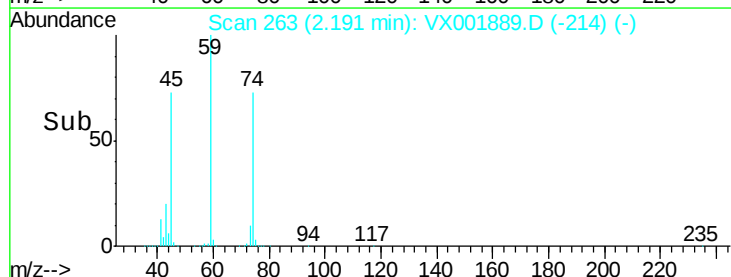
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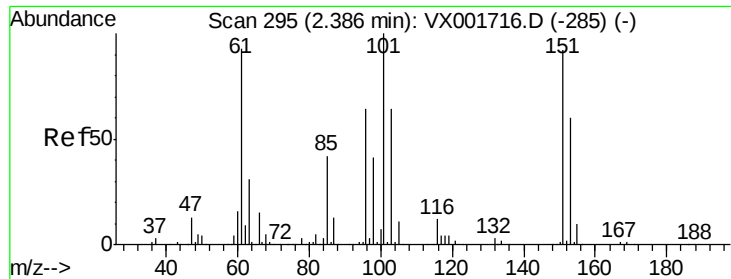
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20000

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Time--> 2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.46 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

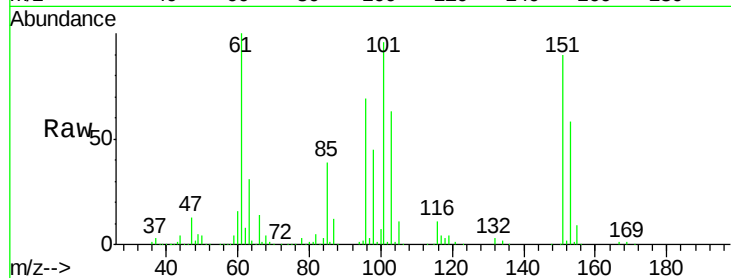
Tgt Ion:101 Resp: 121068

Ion Ratio Lower Upper

101 100

85 40.5 33.7 50.5

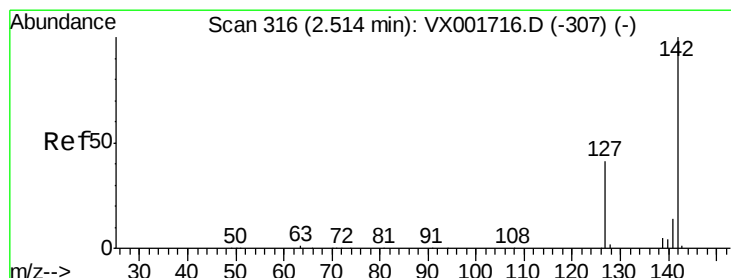
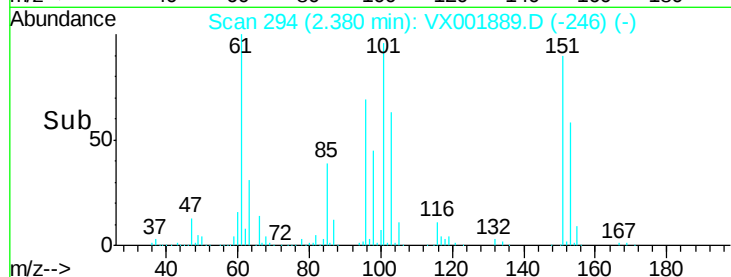
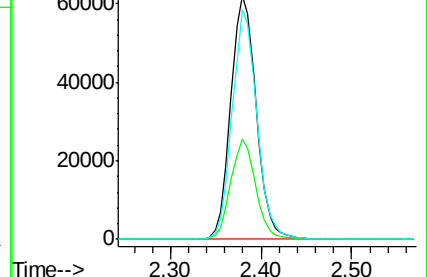
151 91.6 73.0 109.6



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: 74.39 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

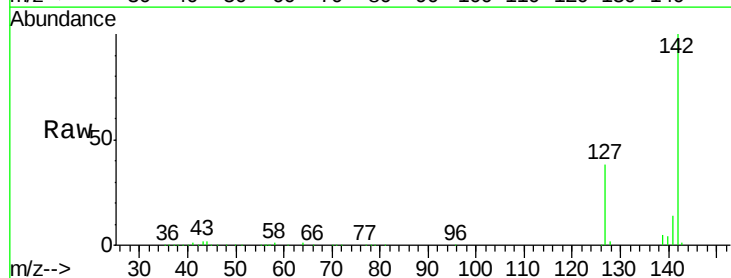
Tgt Ion:142 Resp: 152160

Ion Ratio Lower Upper

142 100

127 38.8 32.5 48.7

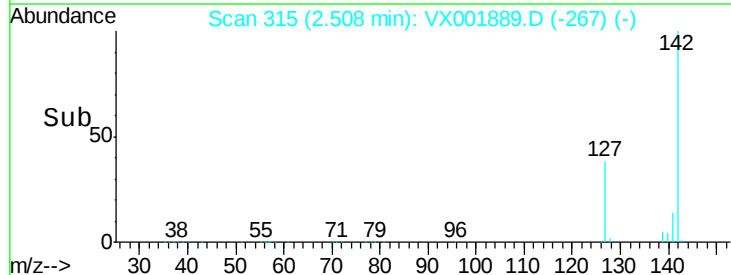
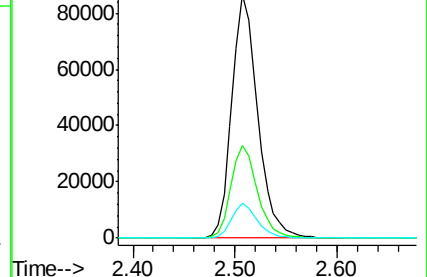
141 14.2 11.4 17.0

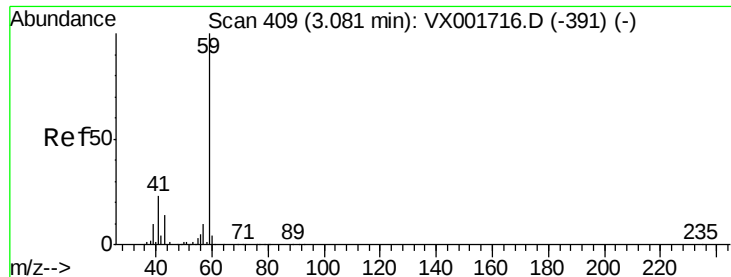


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

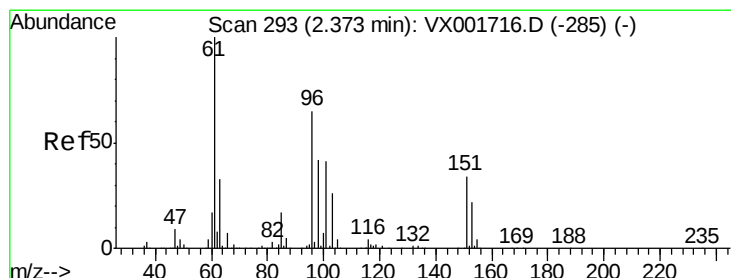
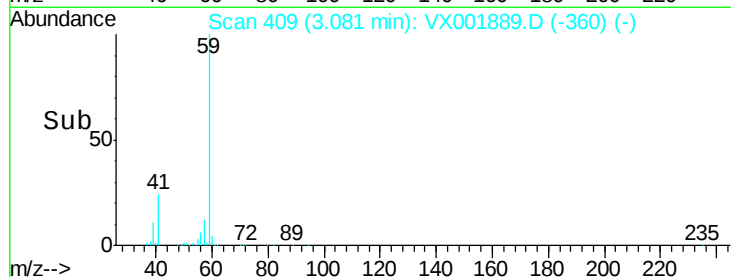
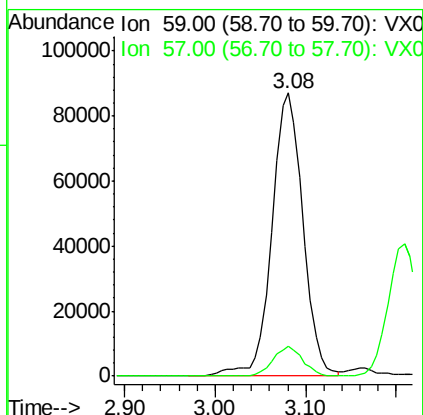
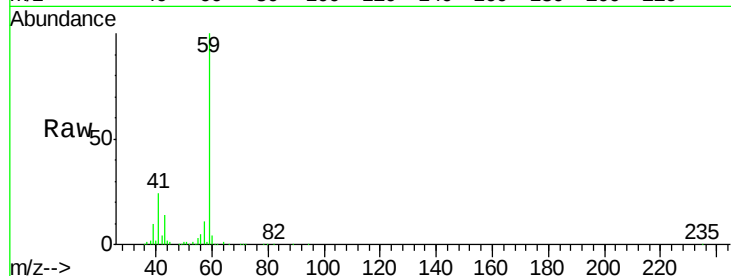




#11
Tert butyl alcohol
Concen: 400.70 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

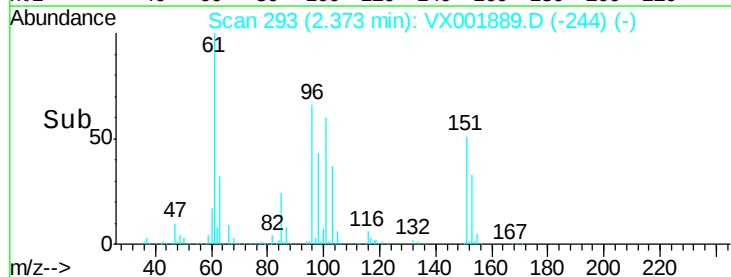
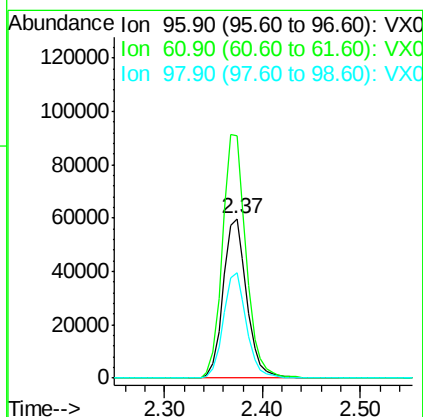
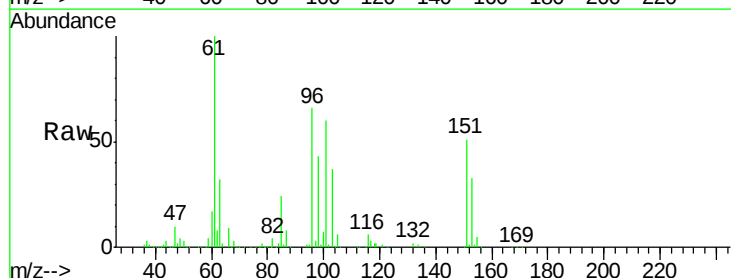
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

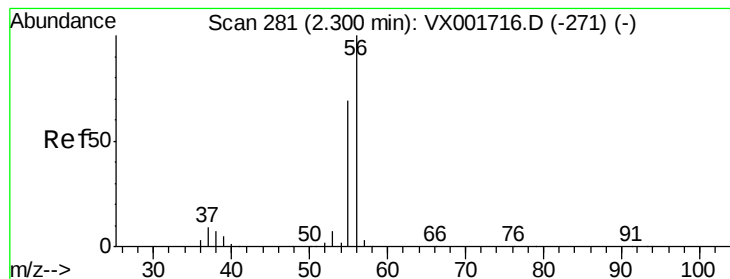
Tgt Ion: 59 Resp: 206776
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 46.41 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

Tgt Ion: 96 Resp: 99472
Ion Ratio Lower Upper
96 100
61 152.1 122.2 183.2
98 65.9 51.4 77.0





#13

Acrolein

Concen: 152.37 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

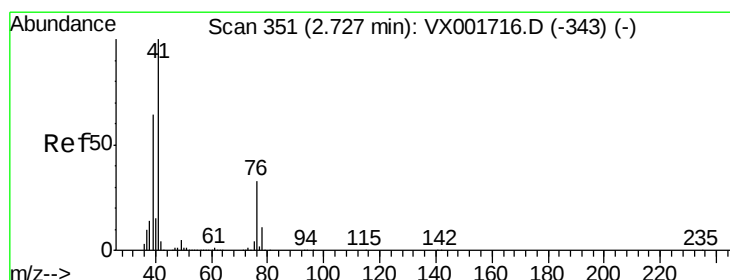
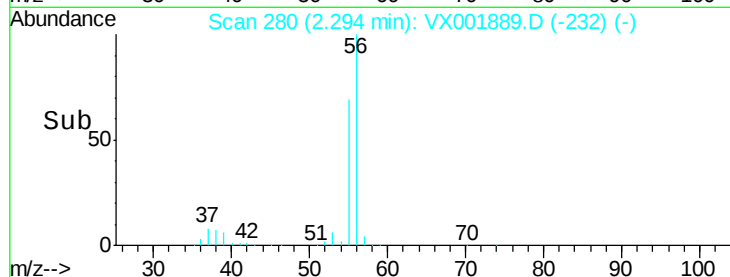
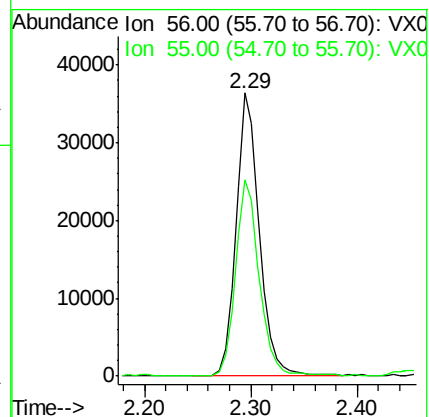
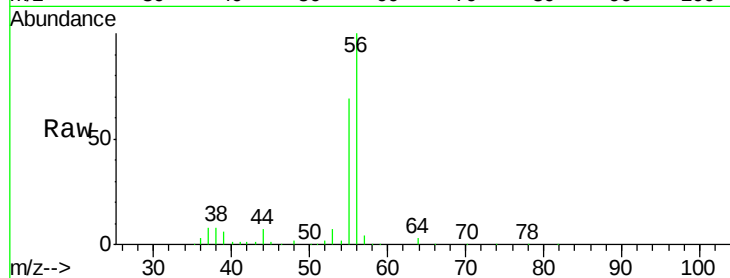
VSTDCCC050EC

Tgt Ion: 56 Resp: 55764

Ion Ratio Lower Upper

56 100

55 70.8 56.2 84.2



#14

Allyl chloride

Concen: 52.39 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

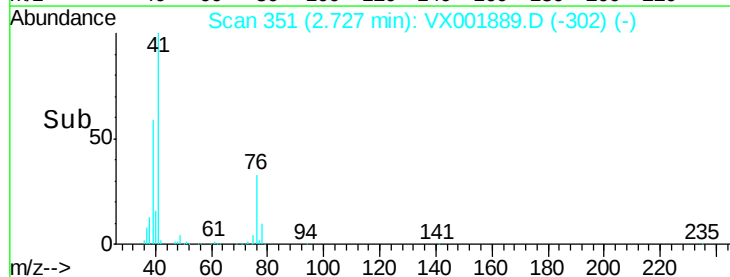
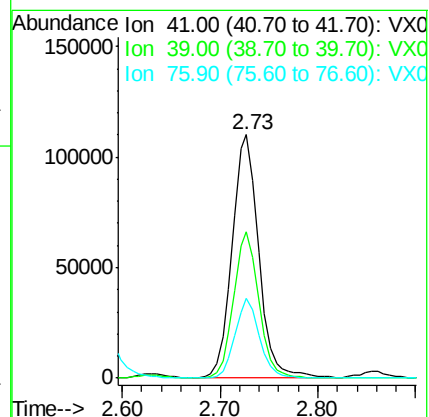
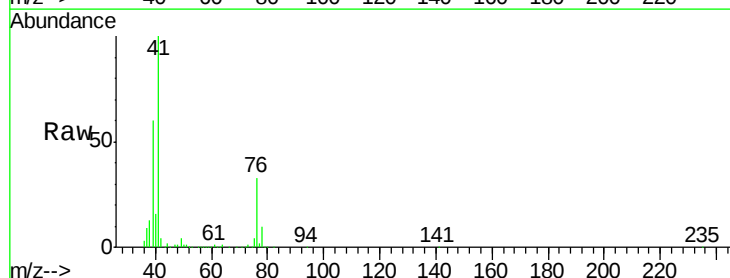
Tgt Ion: 41 Resp: 207551

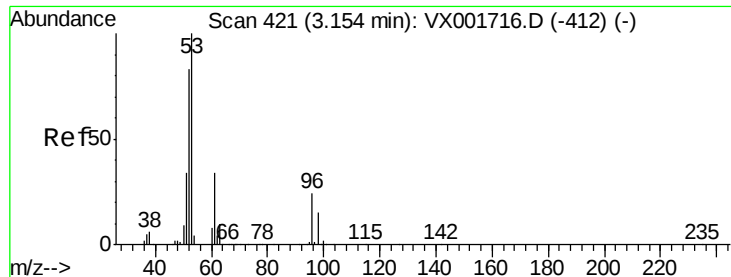
Ion Ratio Lower Upper

41 100

39 56.8 49.8 74.6

76 29.8 25.8 38.8





#15

Acrylonitrile

Concen: 336.78 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

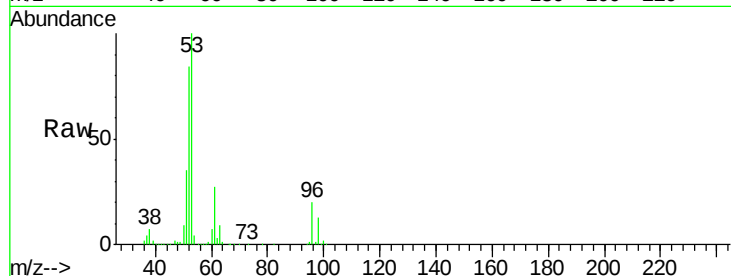
Tgt Ion: 53 Resp: 436499

Ion Ratio Lower Upper

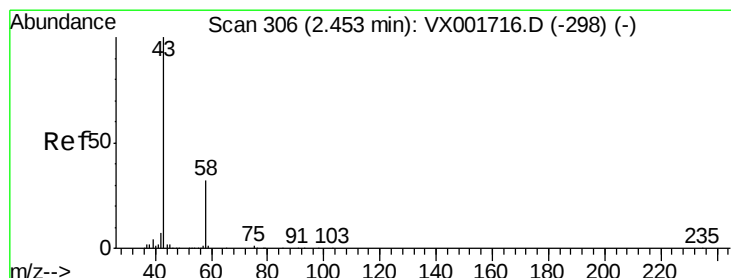
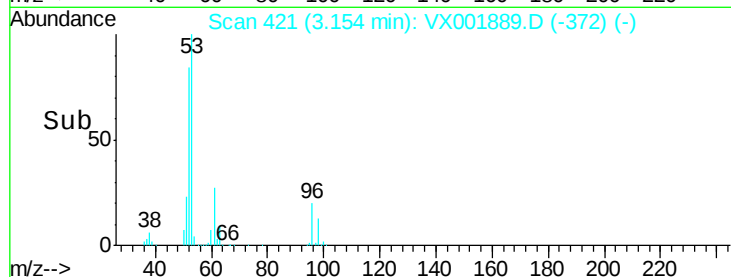
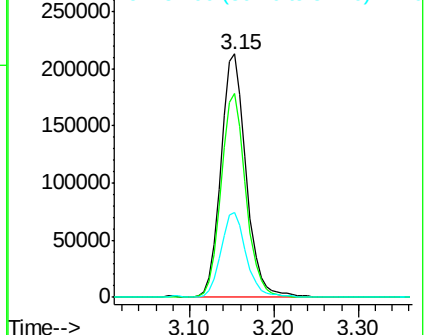
53 100

52 82.8 65.6 98.4

51 35.4 28.1 42.1



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: 338.49 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001889.D

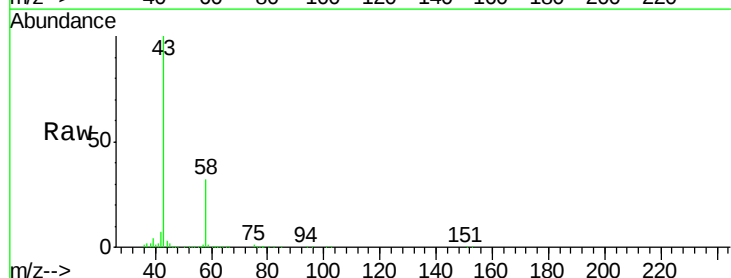
Acq: 21 May 2018 22:18

Tgt Ion: 43 Resp: 386419

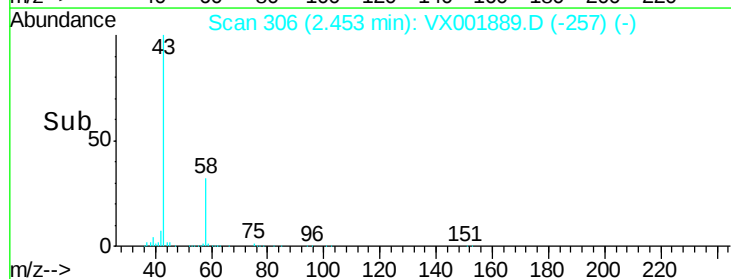
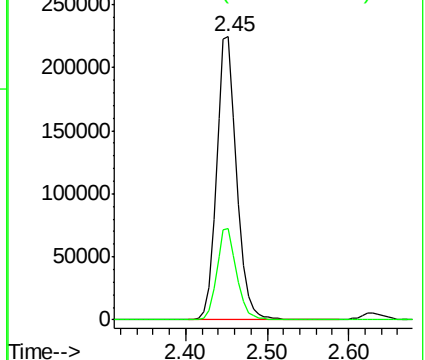
Ion Ratio Lower Upper

43 100

58 32.2 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

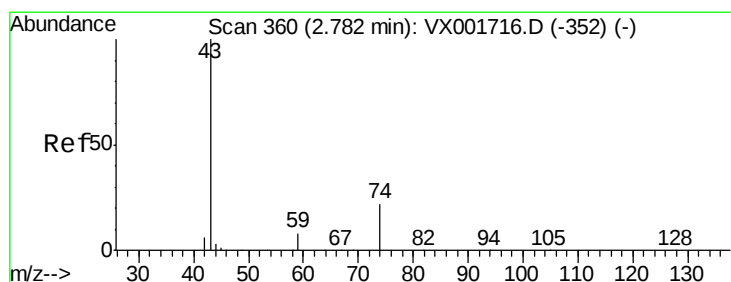
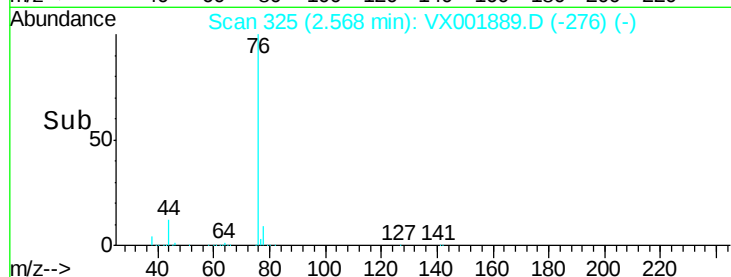
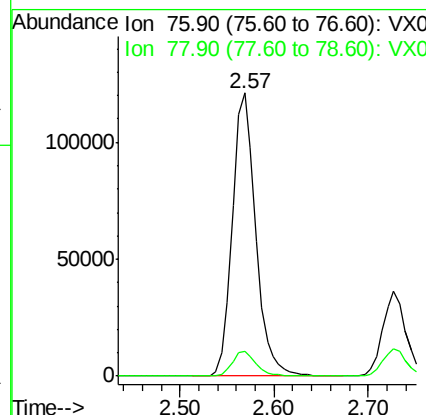
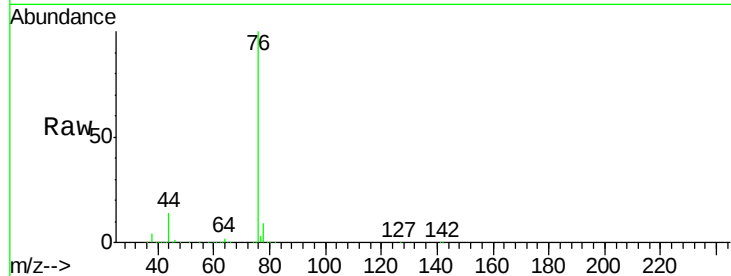




#17
Carbon Disulfide
Concen: 37.35 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

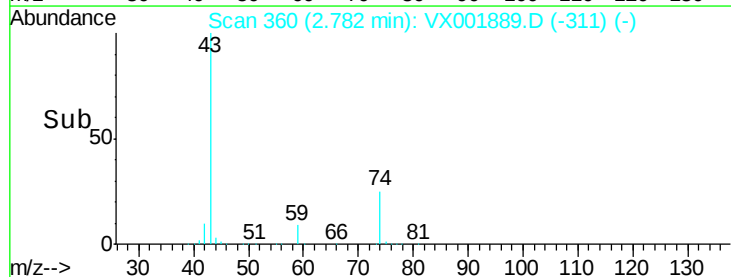
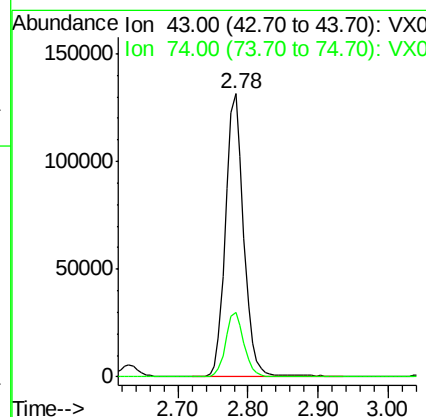
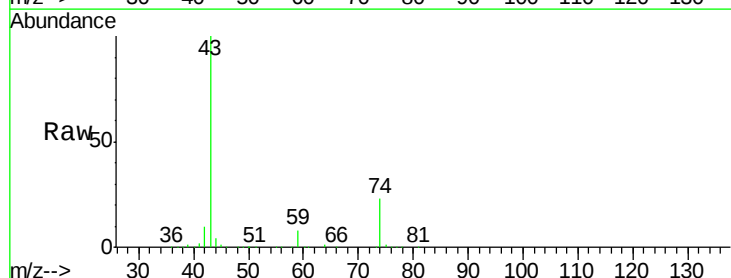
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

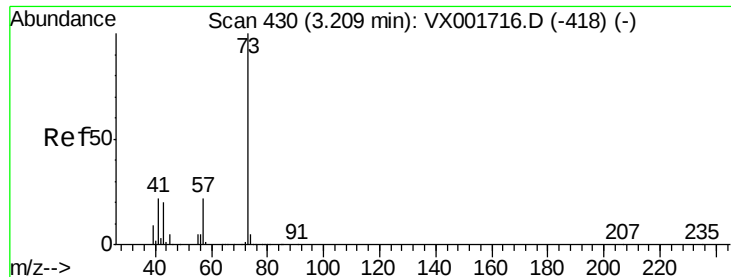
Tgt Ion: 76 Resp: 208833
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 70.91 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

Tgt Ion: 43 Resp: 236649
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.2

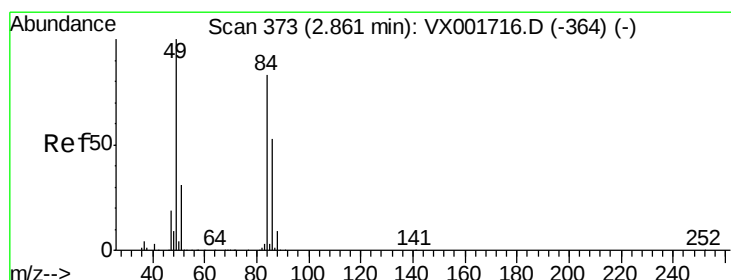
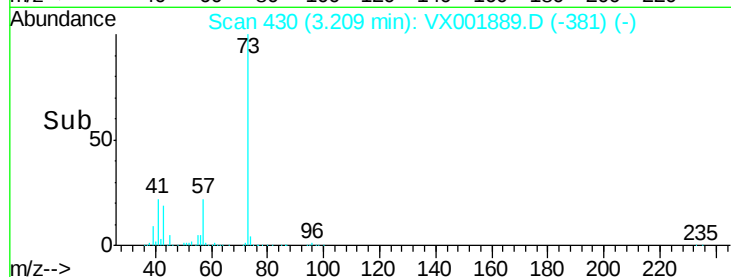
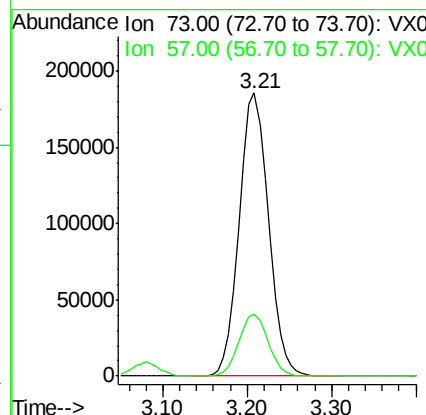
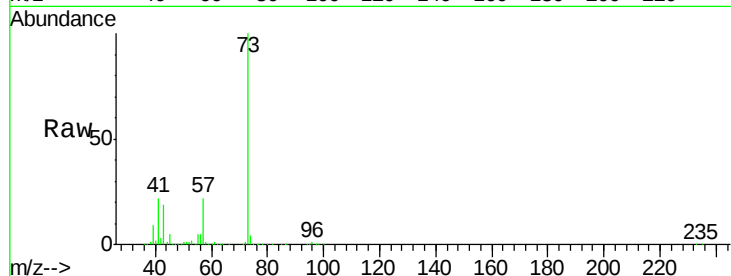




#19
Methyl tert-butyl Ether
Concen: 60.20 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

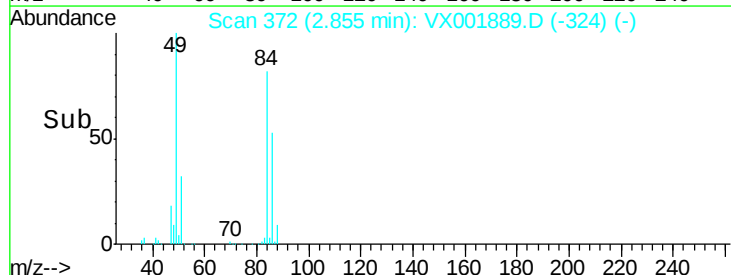
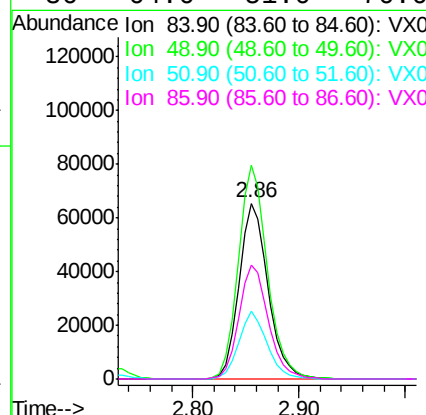
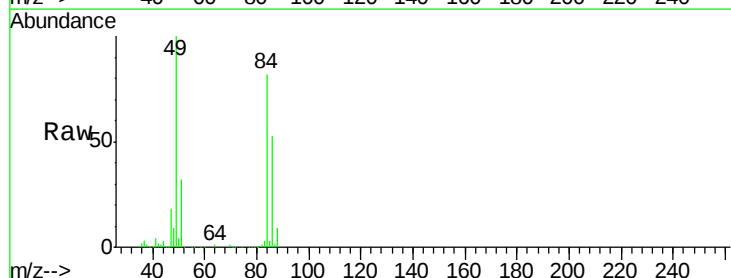
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

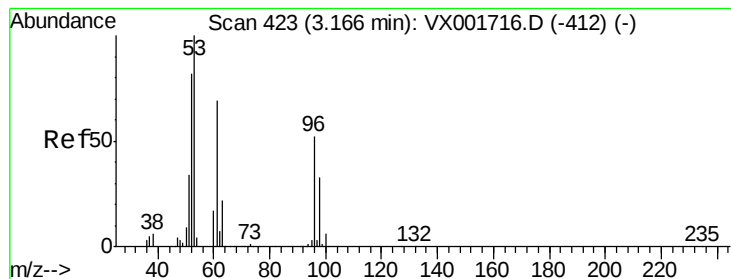
Tgt Ion: 73 Resp: 434893
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3



#20
Methylene Chloride
Concen: 51.39 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

Tgt Ion: 84 Resp: 125575
Ion Ratio Lower Upper
84 100
49 121.7 96.3 144.5
51 38.4 29.8 44.6
86 64.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 44.34 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

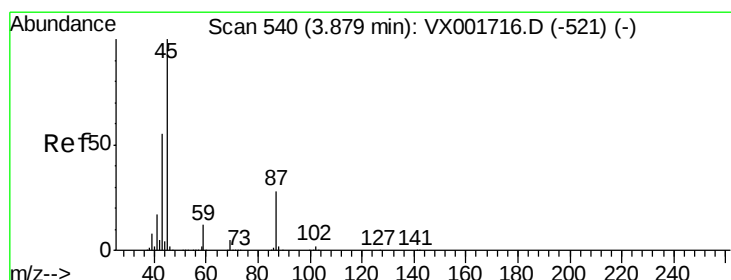
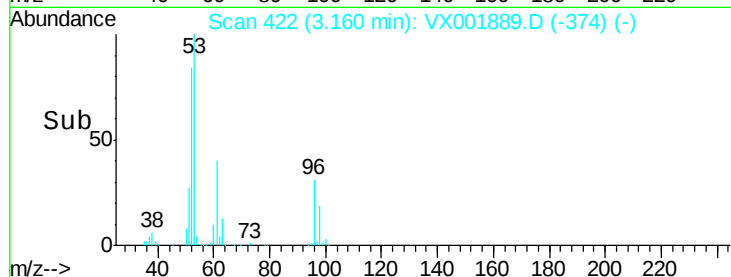
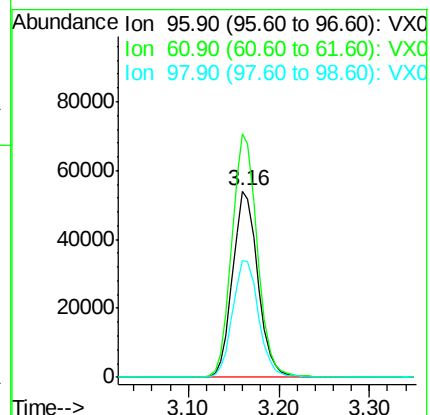
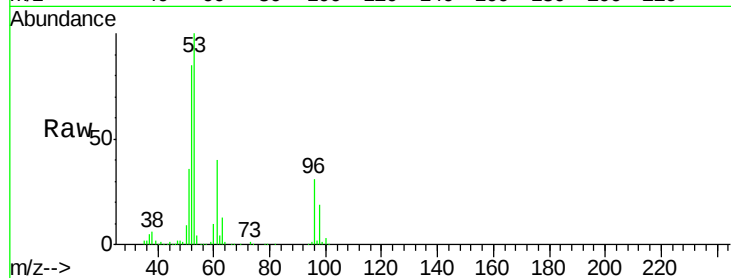
Tgt Ion: 96 Resp: 104692

Ion Ratio Lower Upper

96 100

61 130.7 105.8 158.8

98 62.9 50.2 75.4



#22

Diisopropyl ether

Concen: 58.89 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Tgt Ion: 45 Resp: 447566

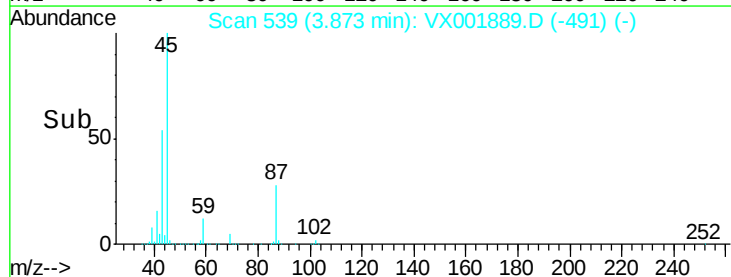
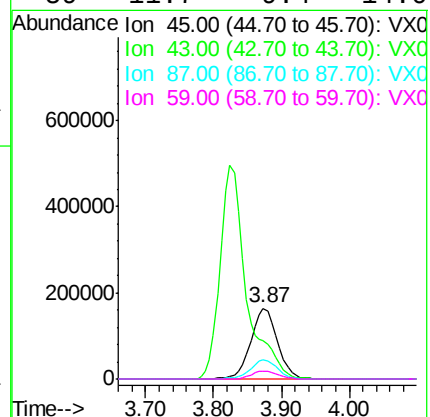
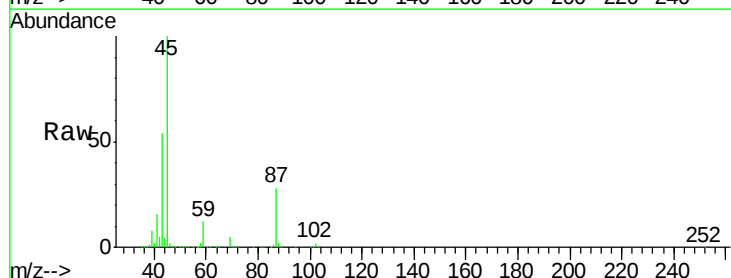
Ion Ratio Lower Upper

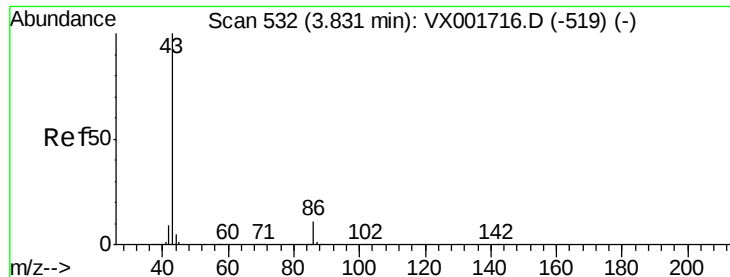
45 100

43 53.6 44.3 66.5

87 27.7 22.6 33.8

59 11.7 9.4 14.0





#23

Vinyl Acetate

Concen: 244.00 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

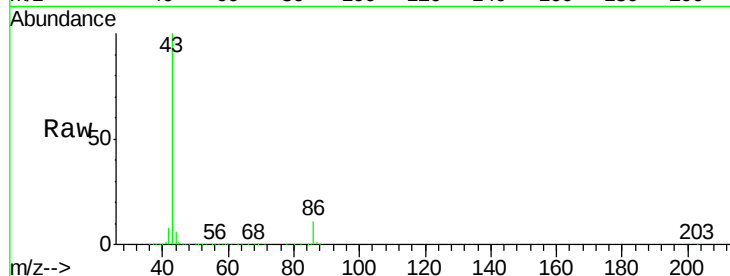
VSTDCCC050EC

Tgt Ion: 43 Resp: 1336069

Ion Ratio Lower Upper

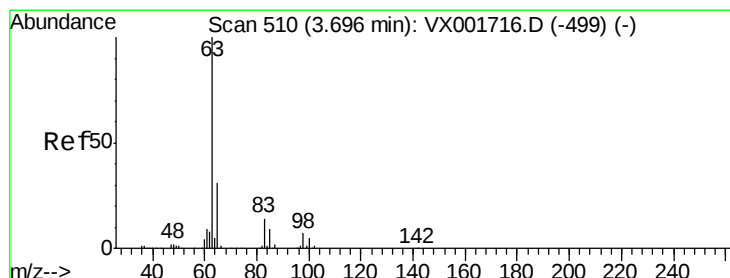
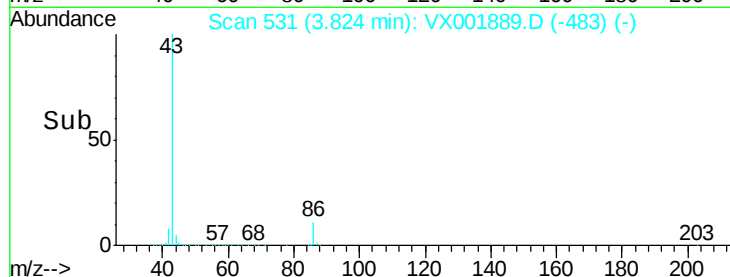
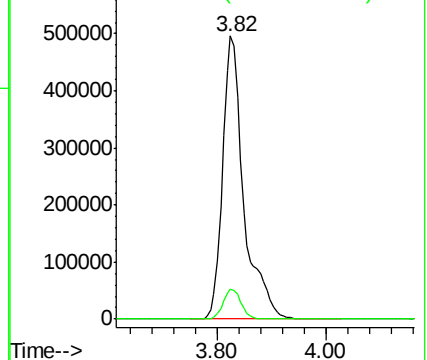
43 100

86 10.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 56.87 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

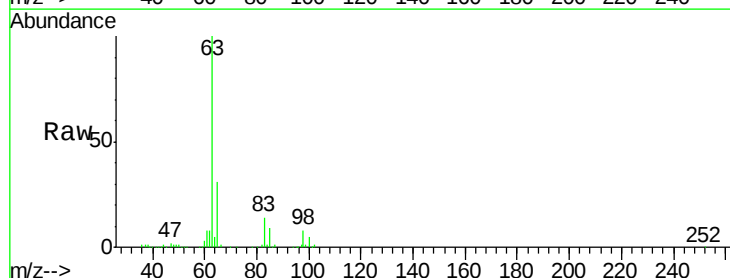
Tgt Ion: 63 Resp: 237018

Ion Ratio Lower Upper

63 100

98 7.9 3.7 11.1

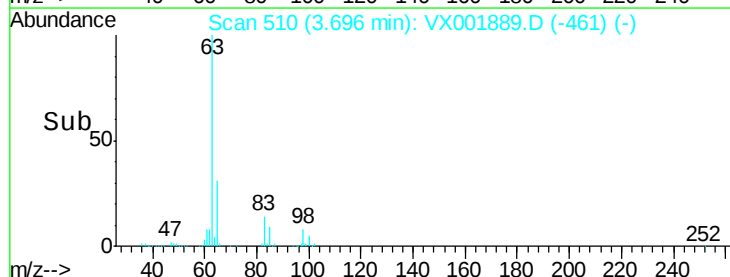
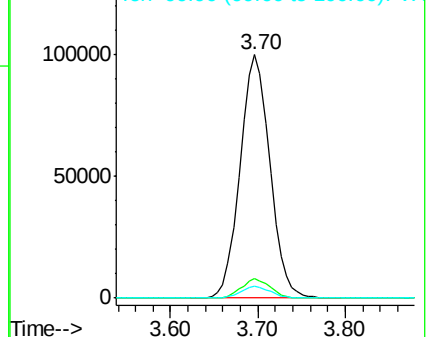
100 5.1 2.4 7.2

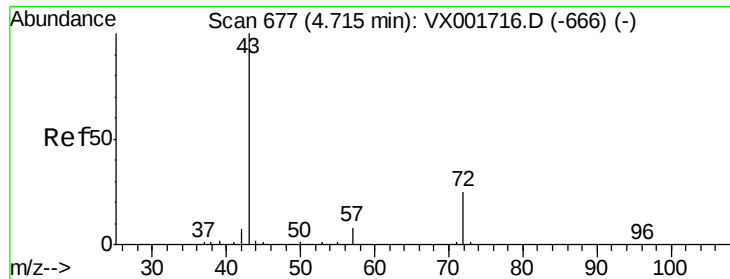


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 371.98 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

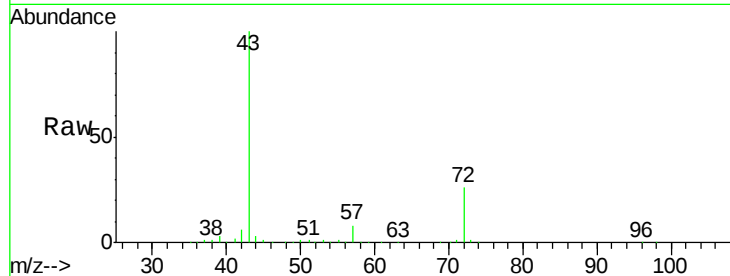
VSTDCCC050EC

Tgt Ion: 43 Resp: 650155

Ion Ratio Lower Upper

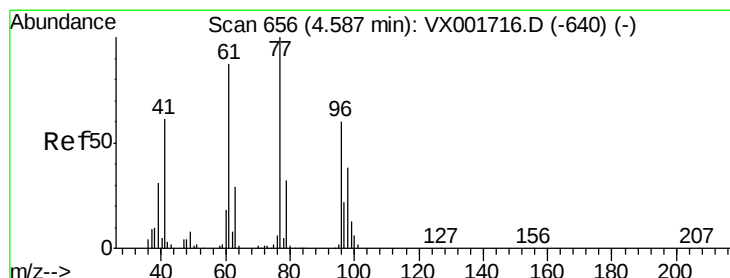
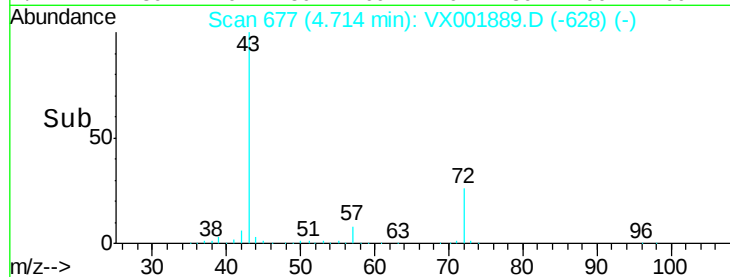
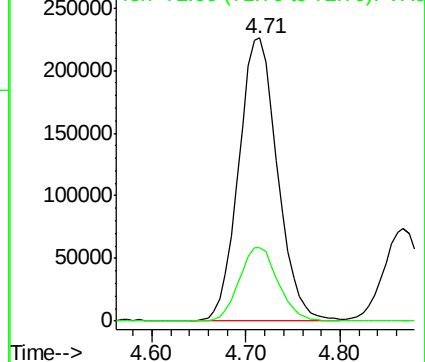
43 100

72 26.2 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.36 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX001889.D

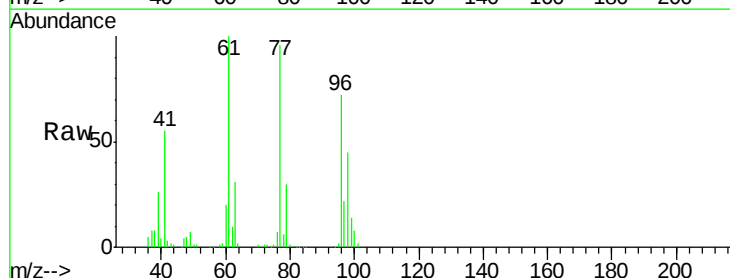
Acq: 21 May 2018 22:18

Tgt Ion: 77 Resp: 135442

Ion Ratio Lower Upper

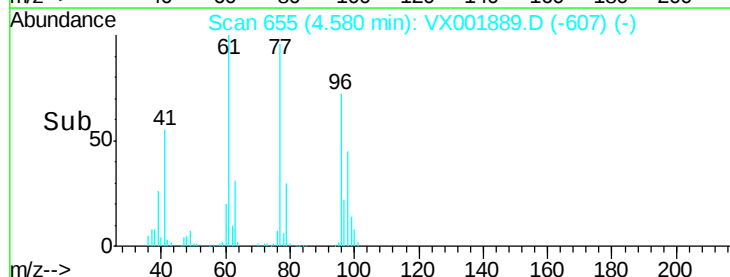
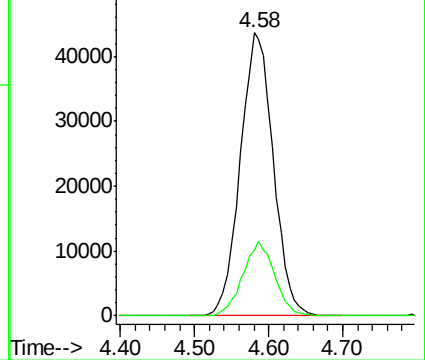
77 100

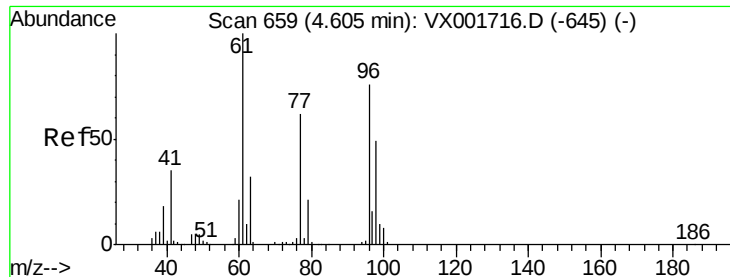
97 25.5 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



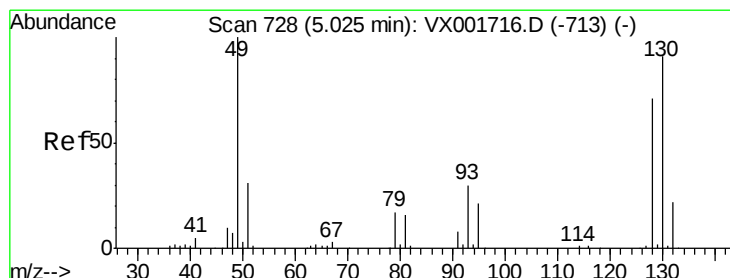
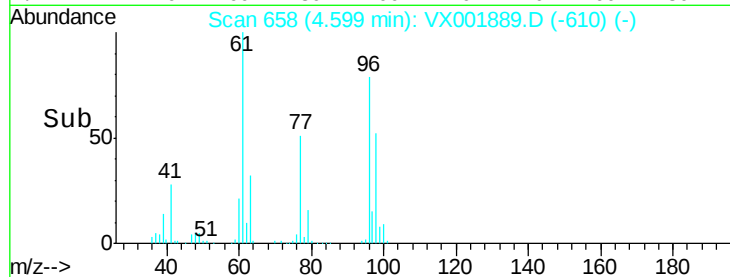
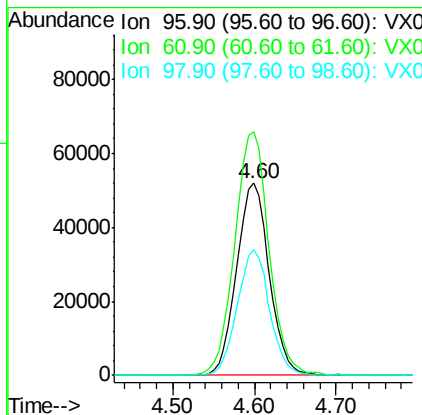
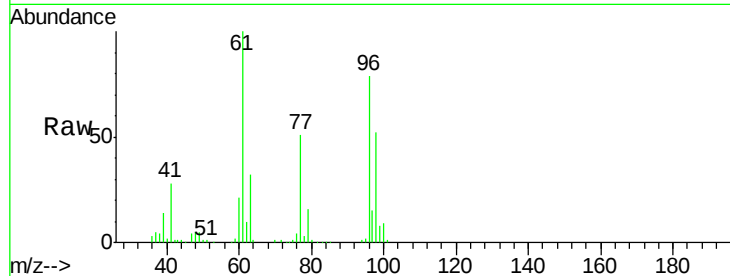


#27

cis-1,2-Dichloroethene
 Concen: 53.62 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

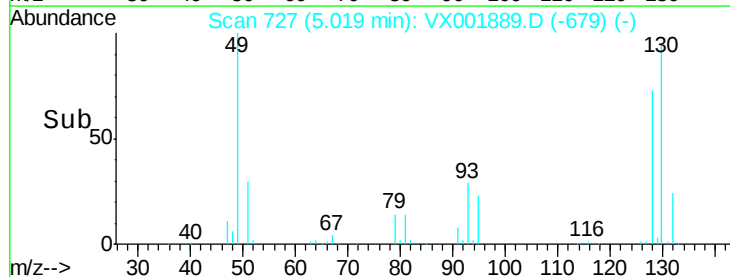
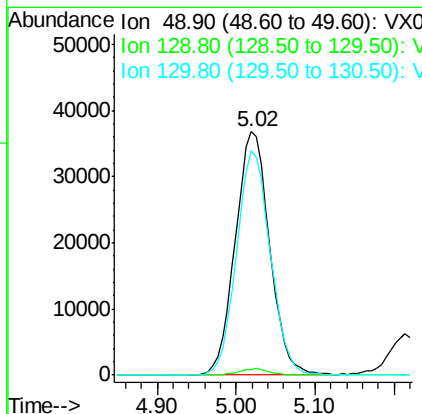
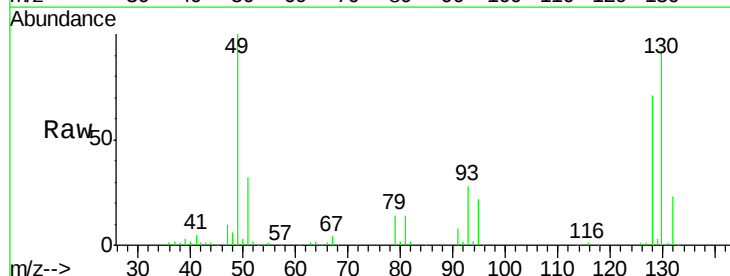
Tgt Ion: 96 Resp: 144063
 Ion Ratio Lower Upper
 96 100
 61 132.9 0.0 280.4
 98 64.7 0.0 128.4

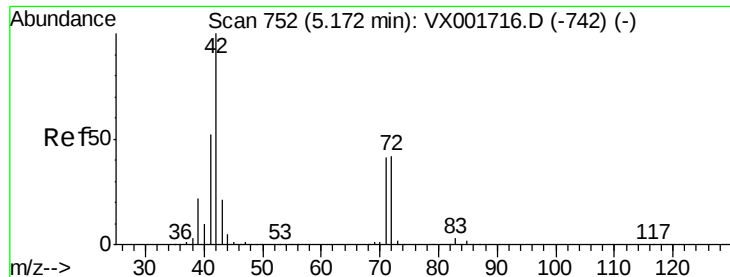


#28

Bromochloromethane
 Concen: 60.29 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

Tgt Ion: 49 Resp: 111630
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 90.7 71.8 107.6





#29

Tetrahydrofuran

Concen: 375.82 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

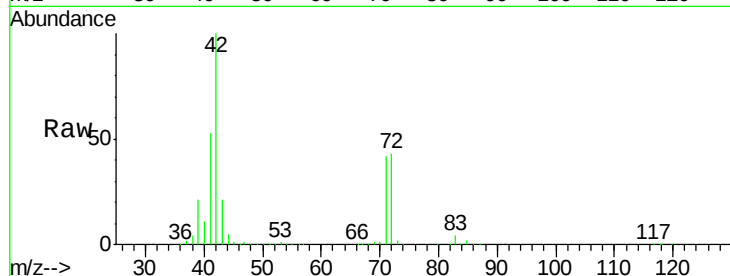
Tgt Ion: 42 Resp: 428168

Ion Ratio Lower Upper

42 100

72 44.8 35.4 53.2

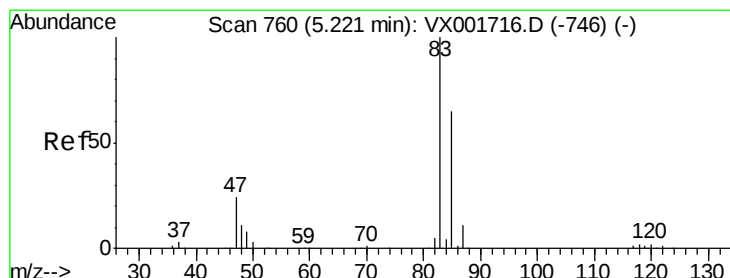
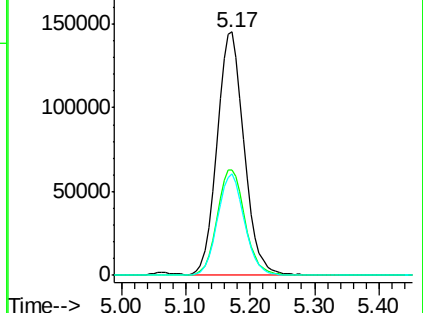
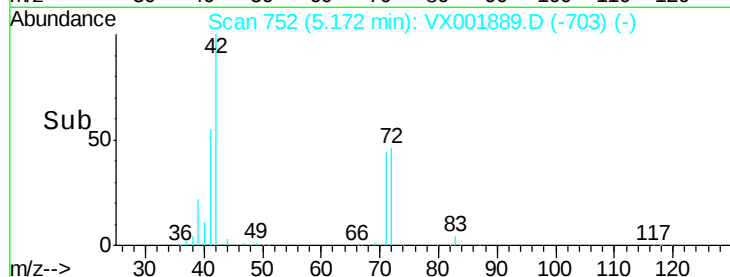
71 41.6 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 55.65 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX001889.D

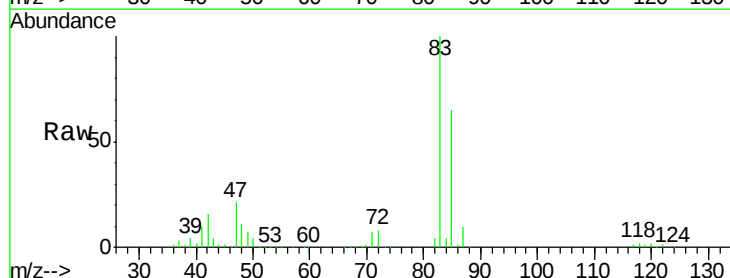
Acq: 21 May 2018 22:18

Tgt Ion: 83 Resp: 243631

Ion Ratio Lower Upper

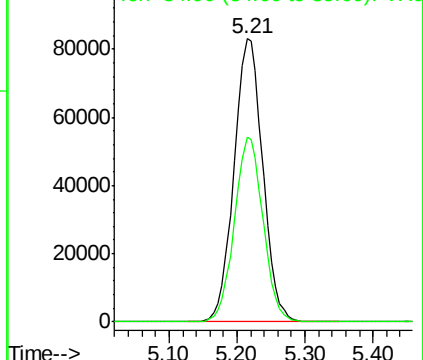
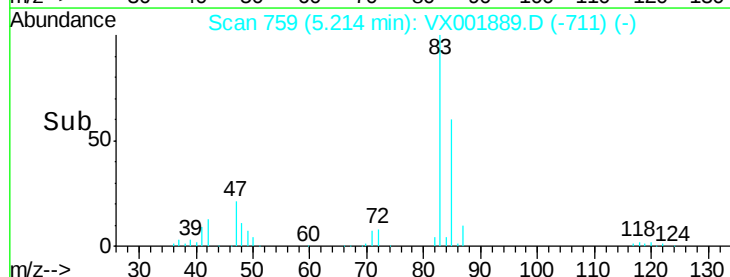
83 100

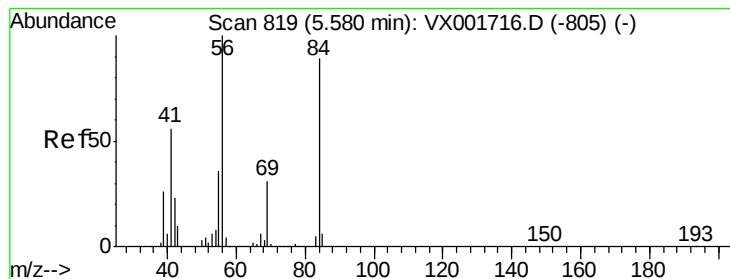
85 65.1 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 54.81 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

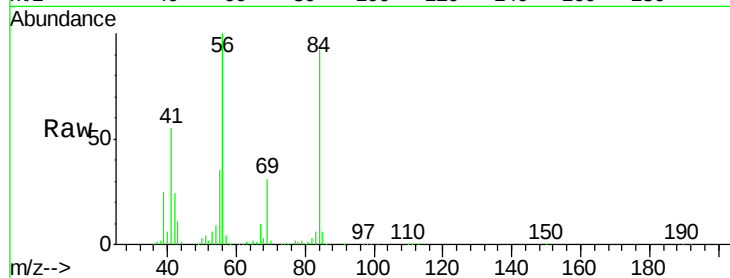
Tgt Ion: 56 Resp: 200234

Ion Ratio Lower Upper

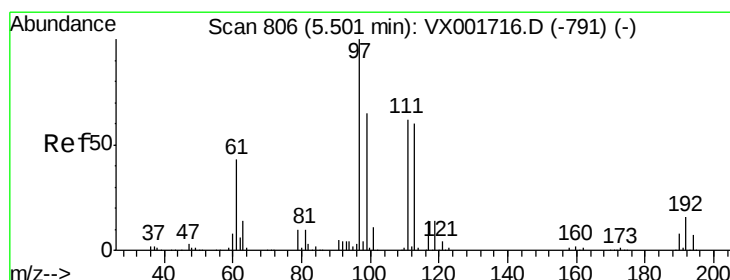
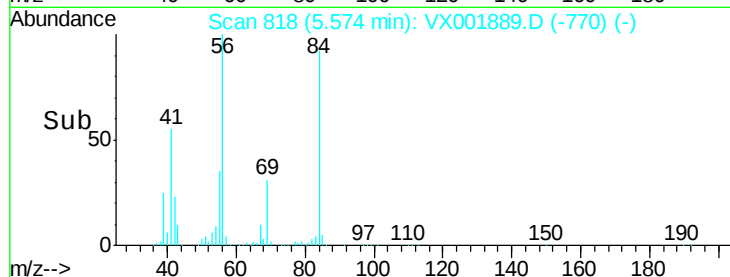
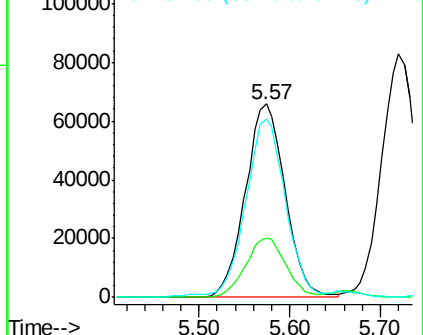
56 100

69 30.9 25.0 37.6

84 90.8 71.0 106.4



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: 58.29 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

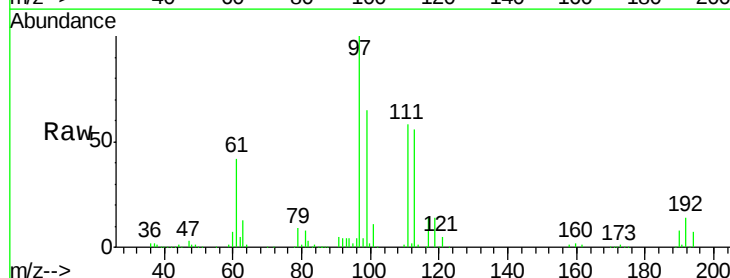
Tgt Ion: 97 Resp: 220541

Ion Ratio Lower Upper

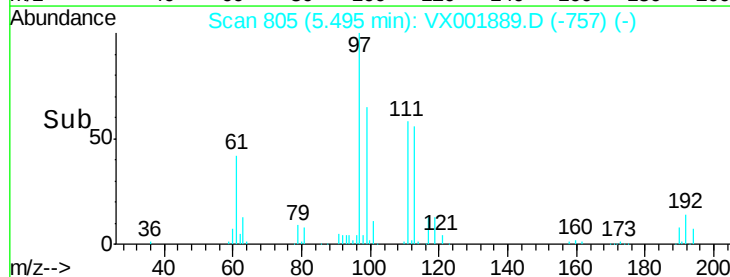
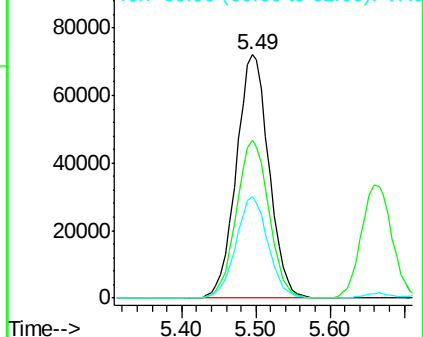
97 100

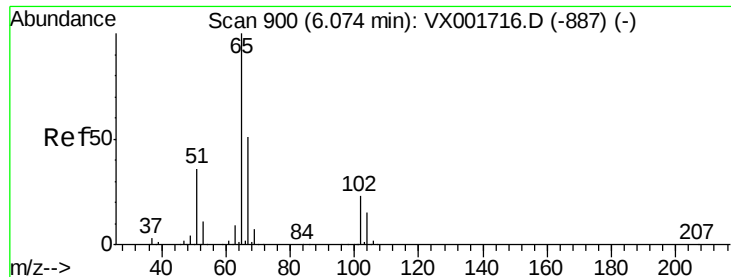
99 64.8 51.3 76.9

61 41.3 34.0 51.0



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: 49.75 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

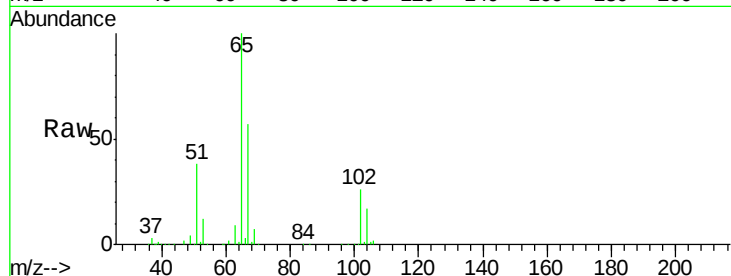
VSTDCCC050EC

Tgt Ion: 65 Resp: 144594

Ion Ratio Lower Upper

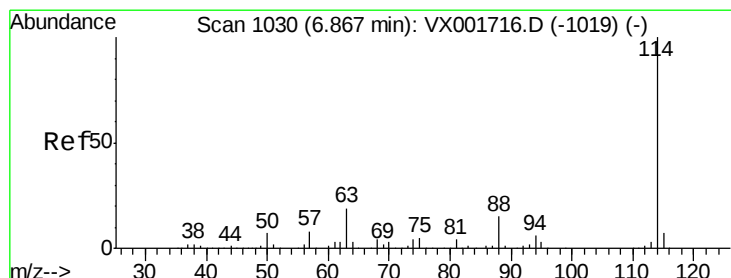
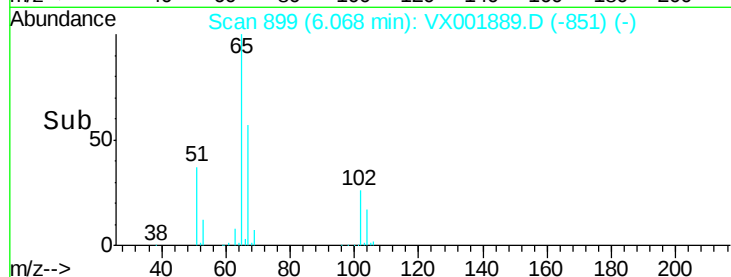
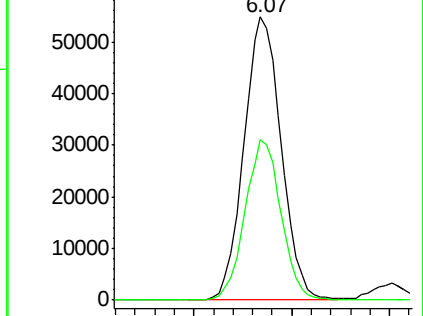
65 100

67 54.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

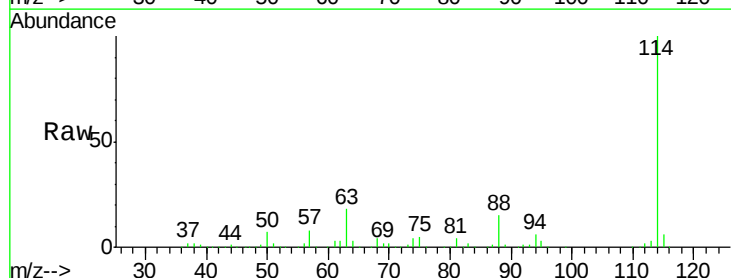
Tgt Ion: 114 Resp: 276831

Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.0

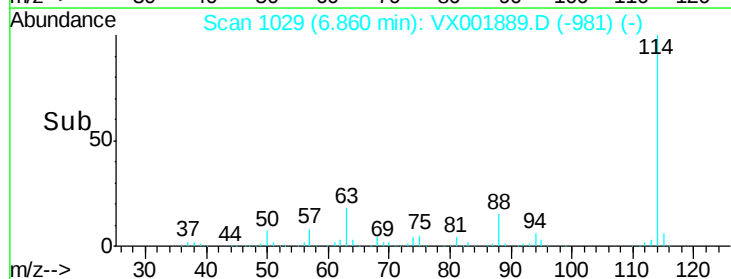
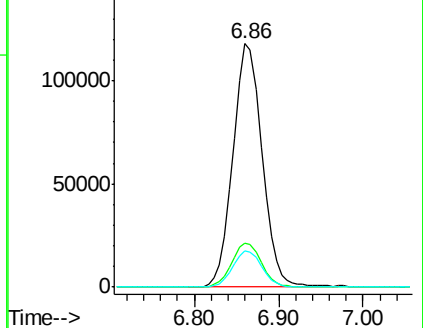
88 14.8 0.0 29.8

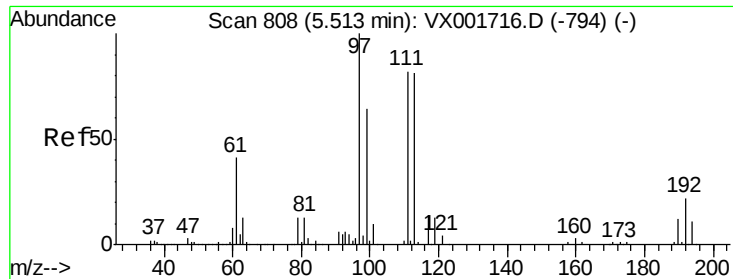


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

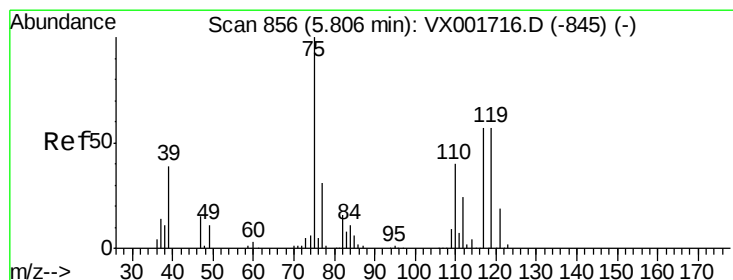
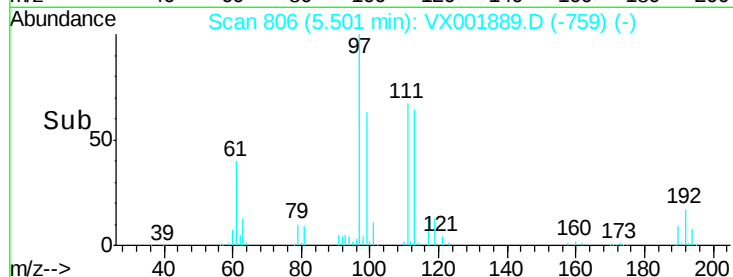
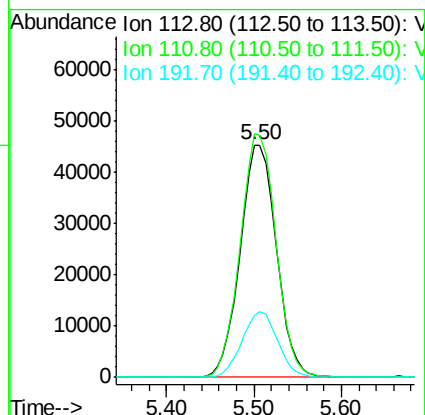
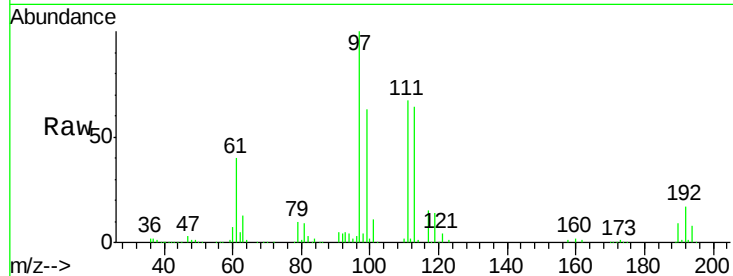




#35
 Dibromofluoromethane
 Concen: 56.10 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

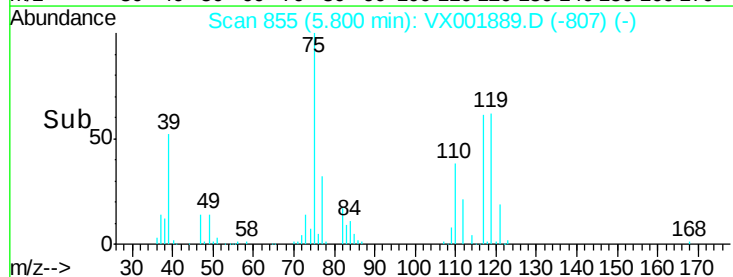
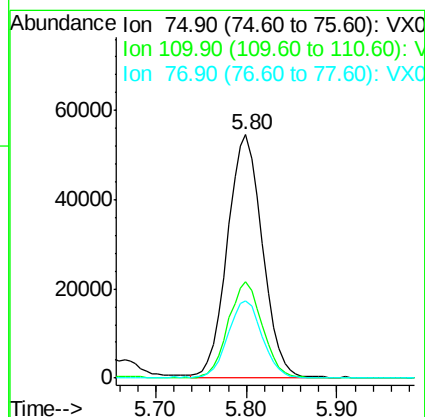
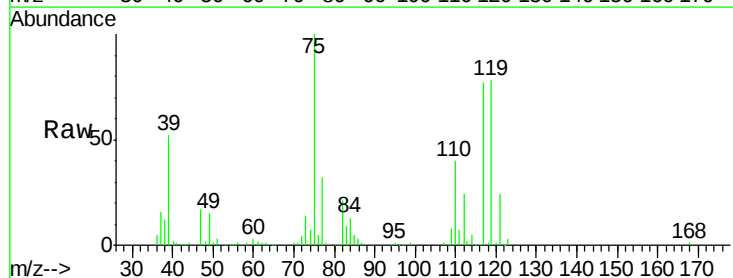
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

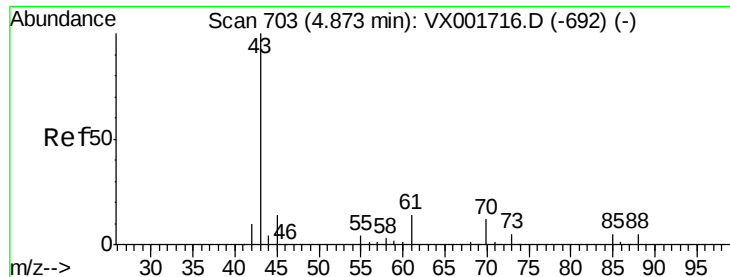
Tgt Ion:113 Resp: 131060
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.0 123.0
 192 27.7 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 45.68 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

Tgt Ion: 75 Resp: 145560
 Ion Ratio Lower Upper
 75 100
 110 38.9 19.1 57.1
 77 31.8 24.6 37.0





#37

Ethyl Acetate

Concen: 65.33 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

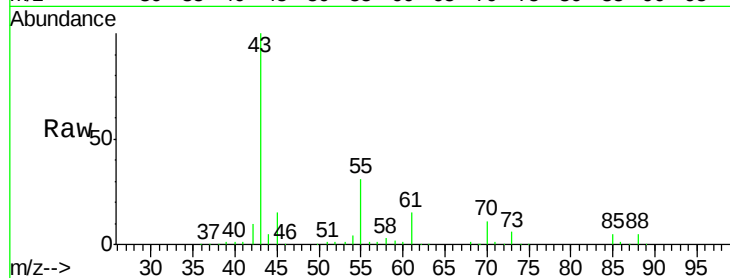
Tgt Ion: 43 Resp: 216967

Ion Ratio Lower Upper

43 100

61 14.0 10.9 16.3

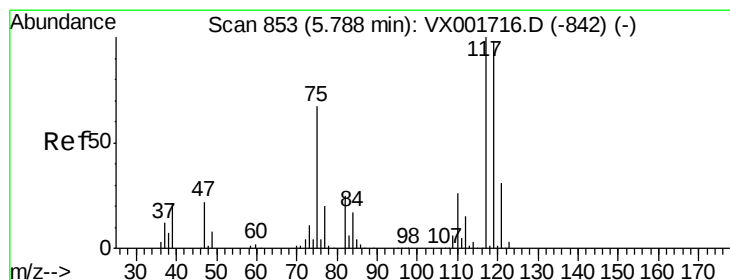
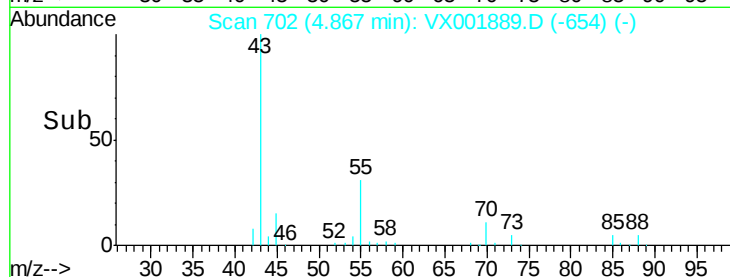
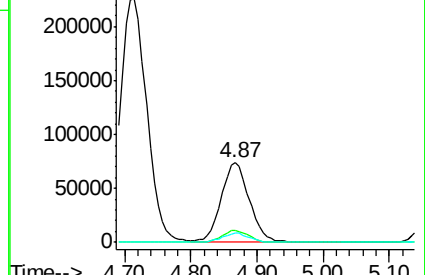
70 11.1 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 57.95 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

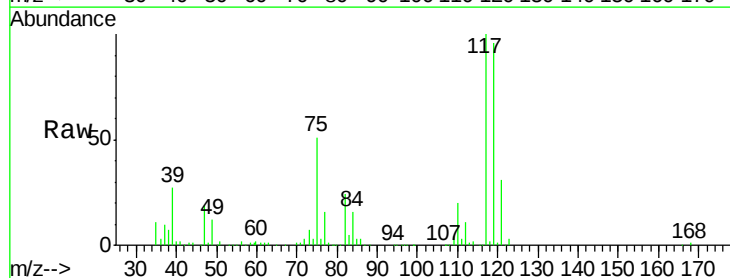
Tgt Ion: 117 Resp: 193467

Ion Ratio Lower Upper

117 100

119 95.6 77.6 116.4

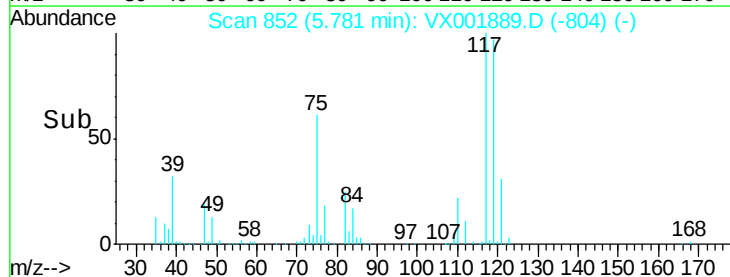
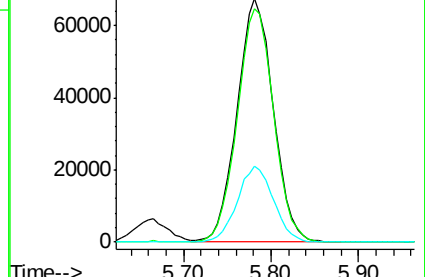
121 31.0 24.6 36.8

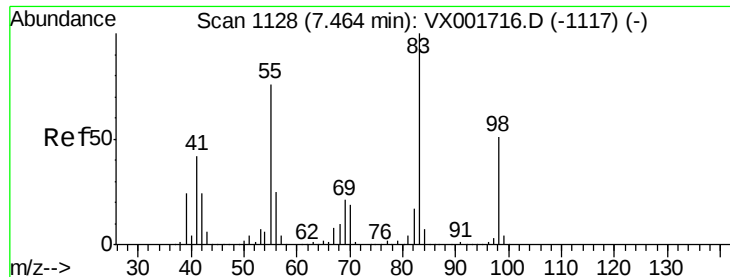


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

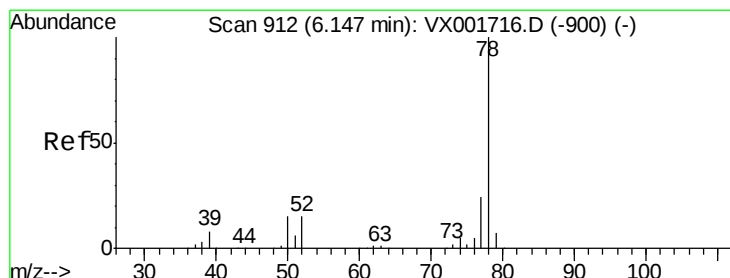
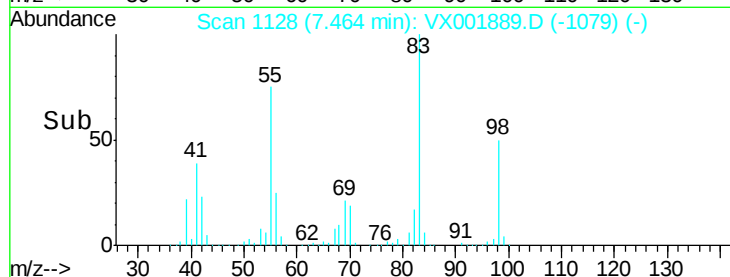
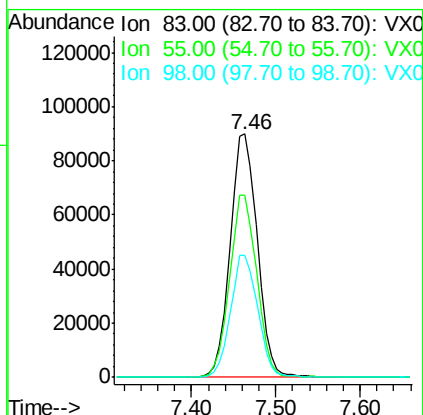
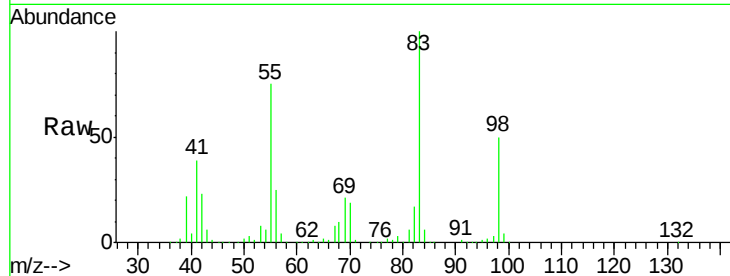




#39
Methylcyclohexane
Concen: 52.67 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

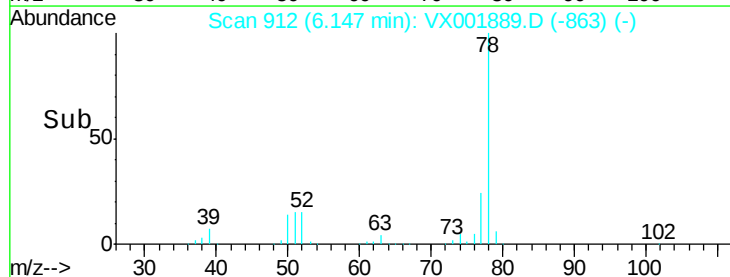
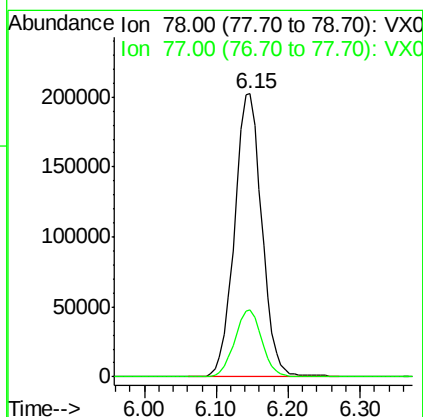
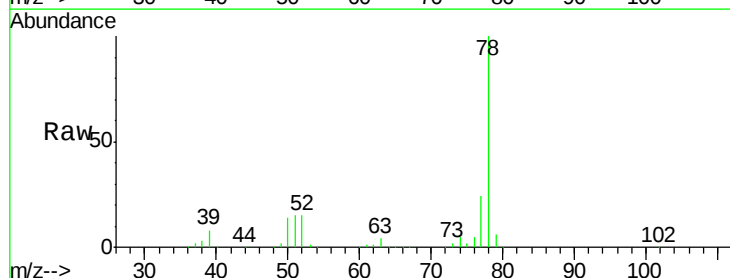
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

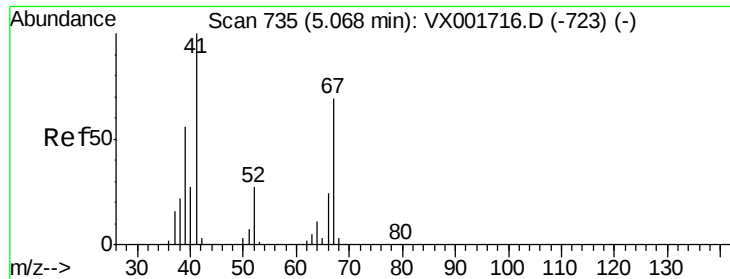
Tgt Ion: 83 Resp: 196107
Ion Ratio Lower Upper
83 100
55 74.8 60.6 90.8
98 50.1 40.4 60.6



#40
Benzene
Concen: 56.75 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

Tgt Ion: 78 Resp: 532877
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

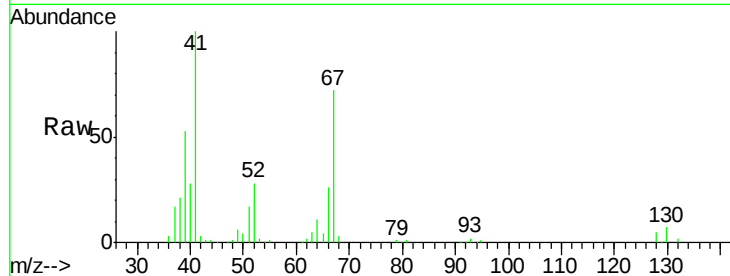




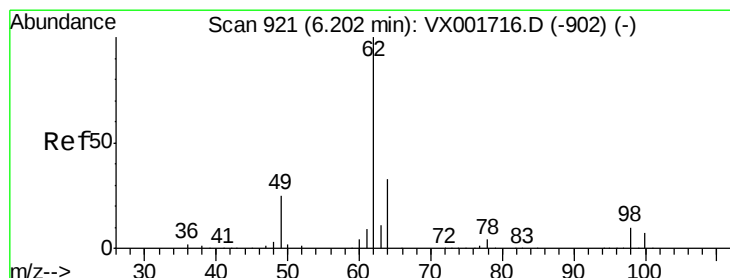
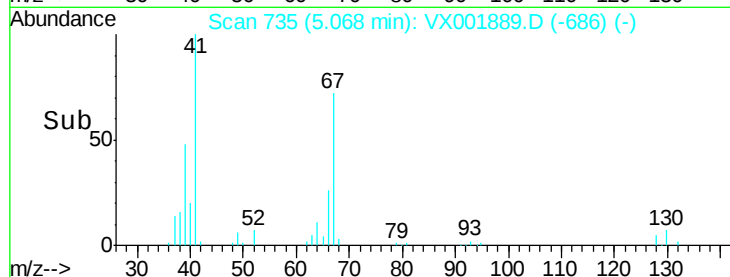
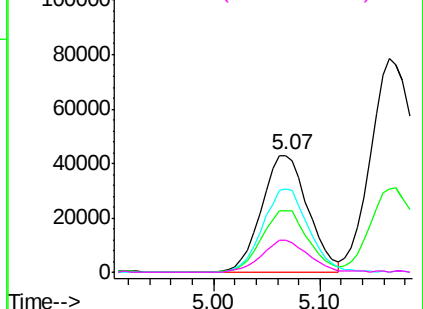
#41
Methacrylonitrile
Concen: 67.63 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	129895
Ion	Ratio	Lower	Upper
41	100		
39	52.5	44.2	66.4
67	71.1	56.0	84.0
52	27.4	22.6	33.8

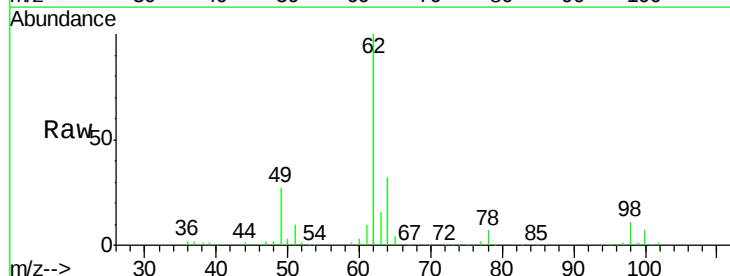


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

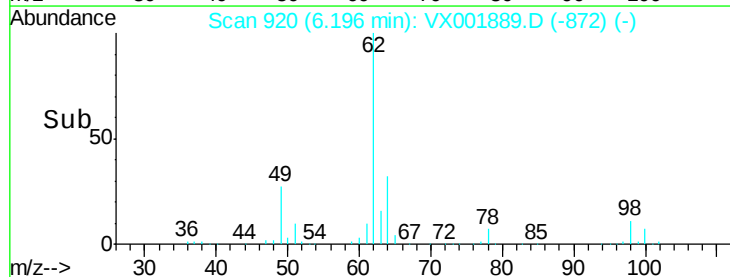
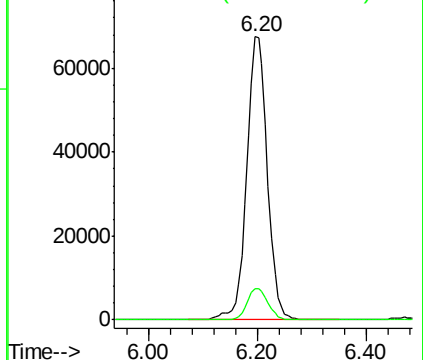


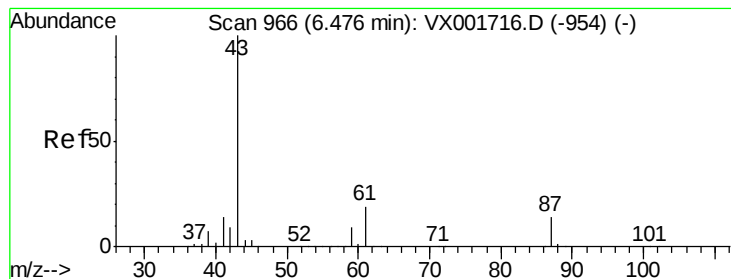
#42
1,2-Dichloroethane
Concen: 52.03 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

Tgt Ion:	62	Resp:	176670
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	20.0



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





#43

Isopropyl Acetate

Concen: 64.23 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

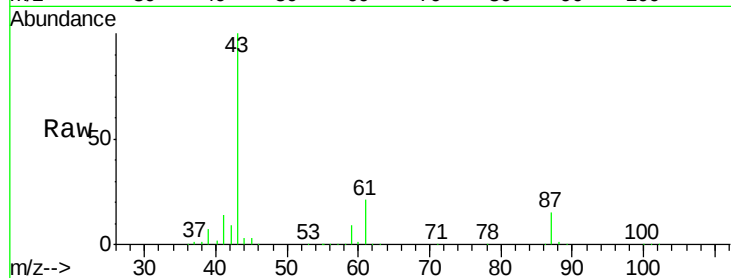
Tgt Ion: 43 Resp: 333858

Ion Ratio Lower Upper

43 100

61 20.9 15.8 23.8

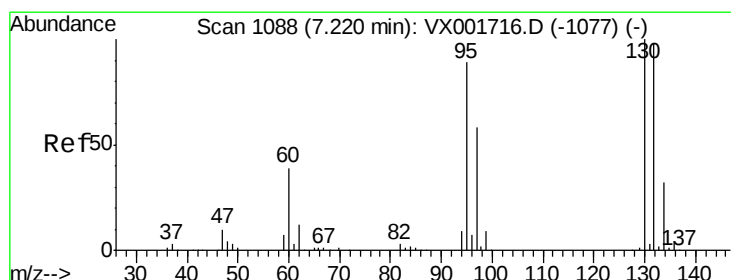
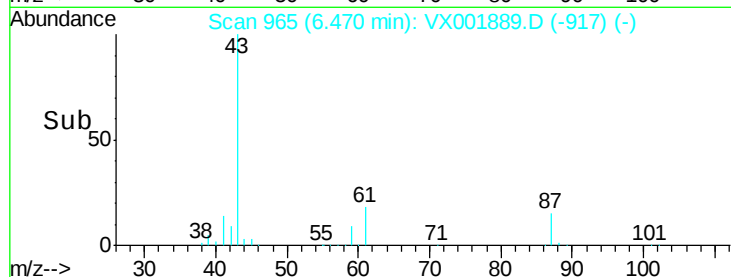
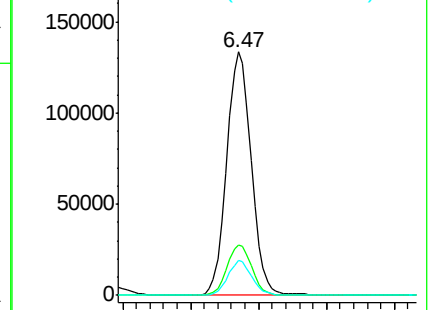
87 14.1 11.0 16.4



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: 51.32 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001889.D

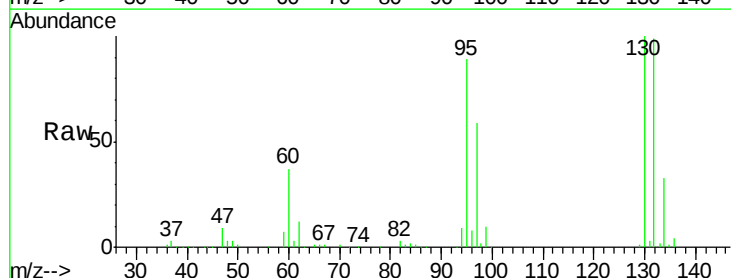
Acq: 21 May 2018 22:18

Tgt Ion: 130 Resp: 149565

Ion Ratio Lower Upper

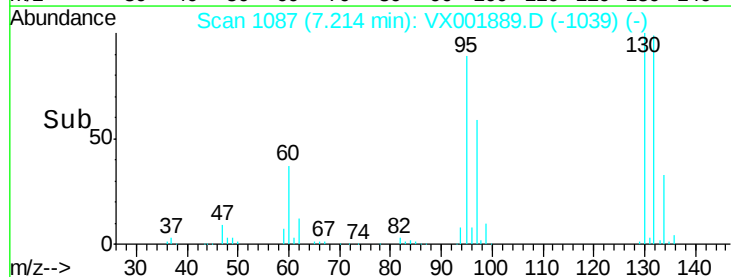
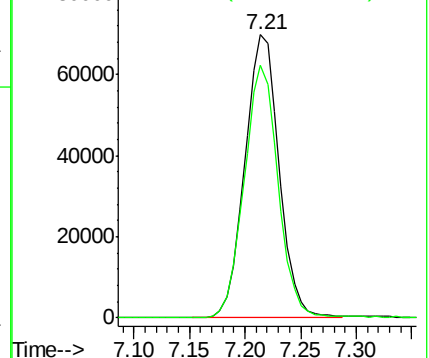
130 100

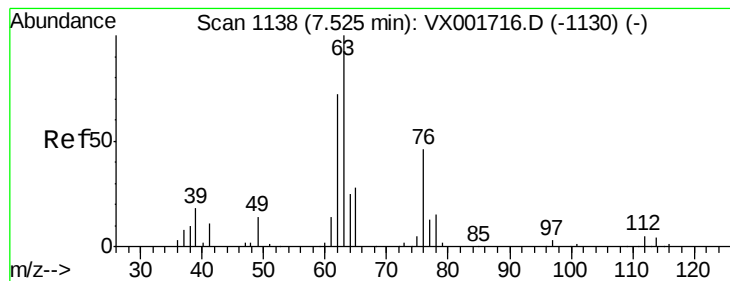
95 89.1 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 63.30 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

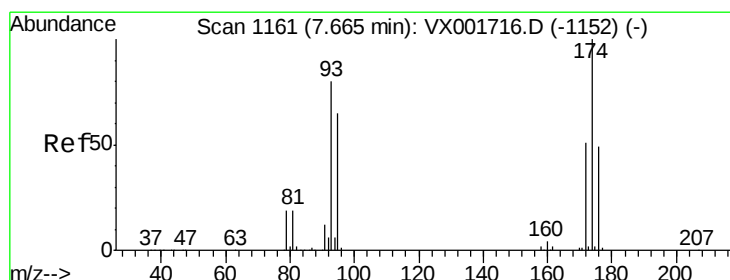
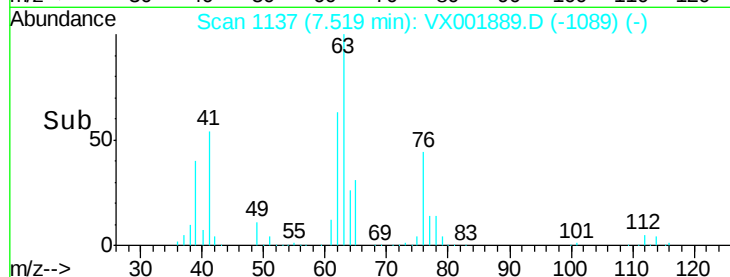
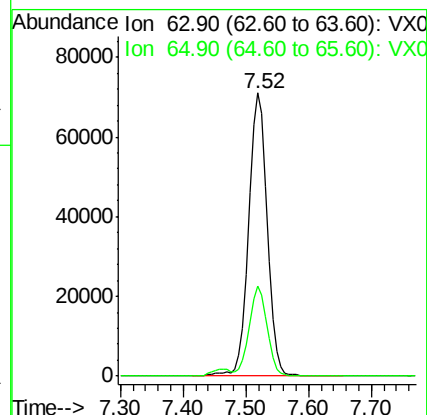
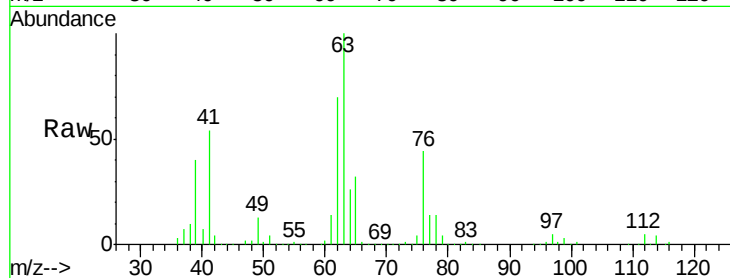
VSTDCCC050EC

Tgt Ion: 63 Resp: 145835

Ion Ratio Lower Upper

63 100

65 31.6 24.2 36.2



#46

Dibromomethane

Concen: 52.42 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

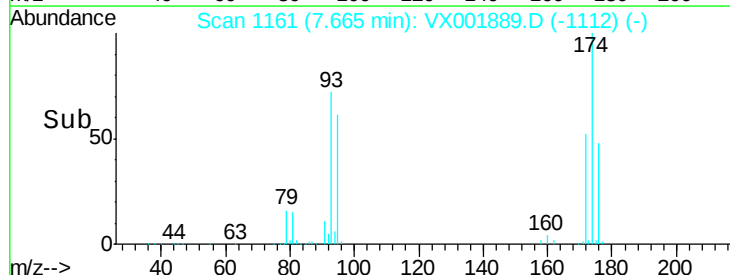
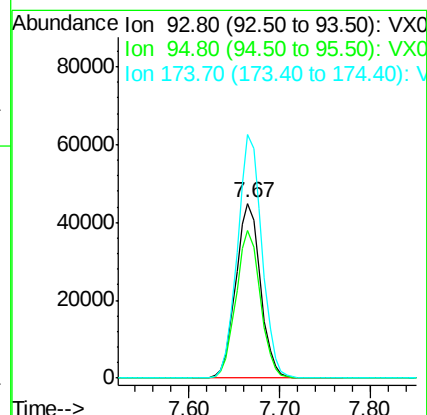
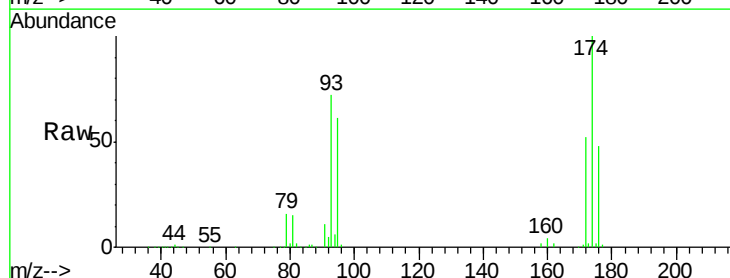
Tgt Ion: 93 Resp: 84804

Ion Ratio Lower Upper

93 100

95 84.1 65.9 98.9

174 138.1 106.2 159.2





#47

Bromodichloromethane

Concen: 58.92 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

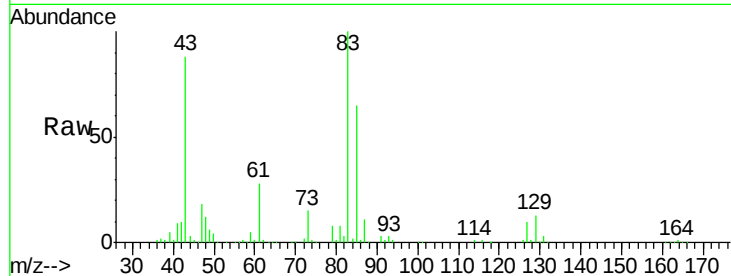
Tgt Ion: 83 Resp: 176872

Ion Ratio Lower Upper

83 100

85 64.6 49.6 74.4

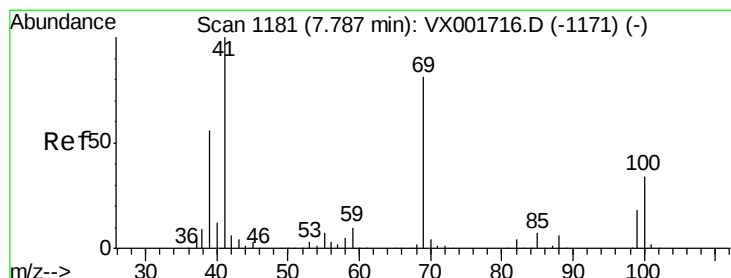
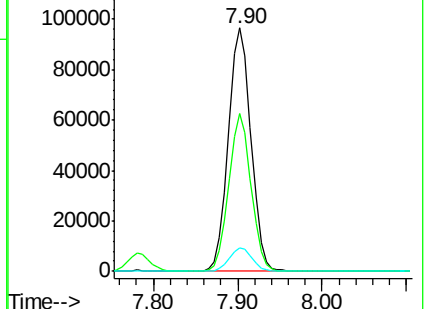
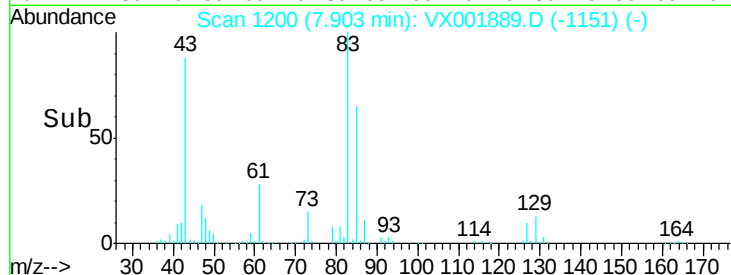
127 9.8 7.5 11.3



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: 66.15 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

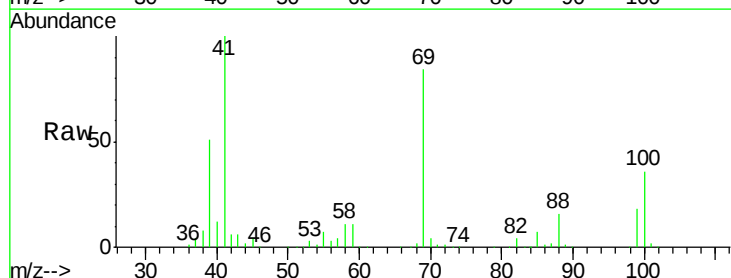
Tgt Ion: 41 Resp: 180976

Ion Ratio Lower Upper

41 100

69 85.2 65.2 97.8

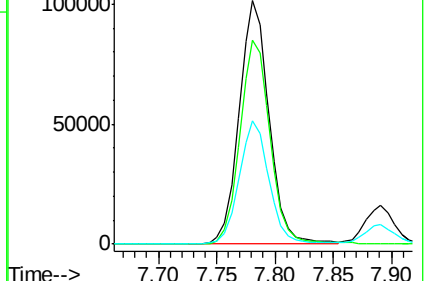
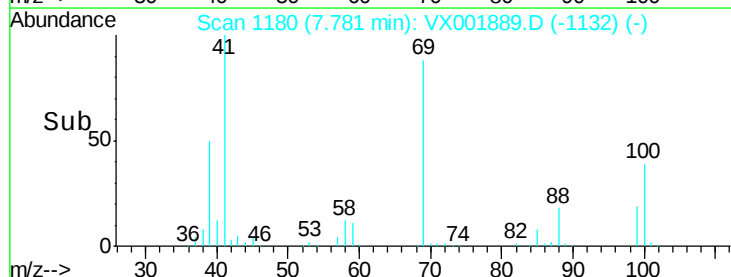
39 50.8 44.5 66.7

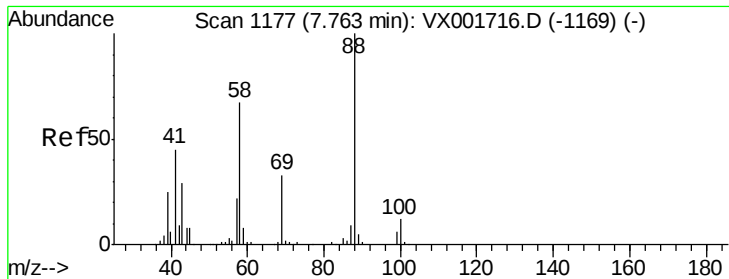


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

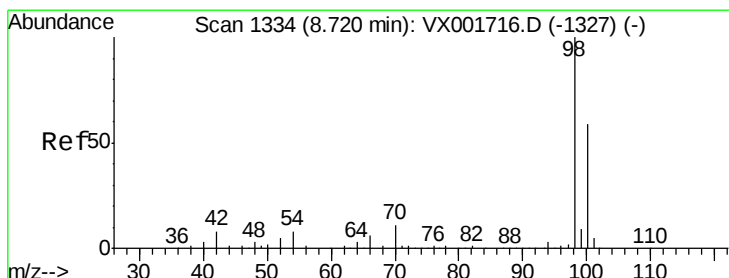
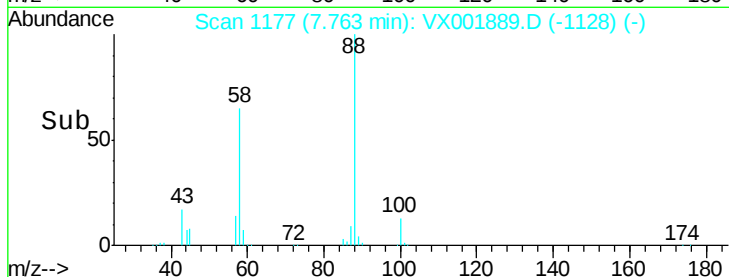
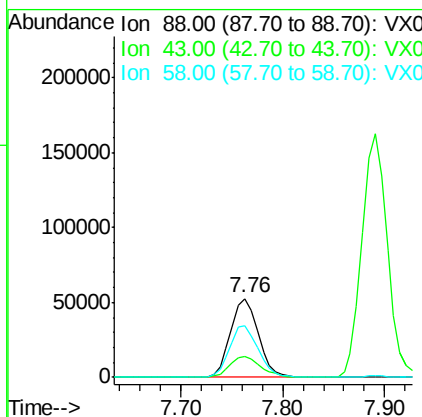
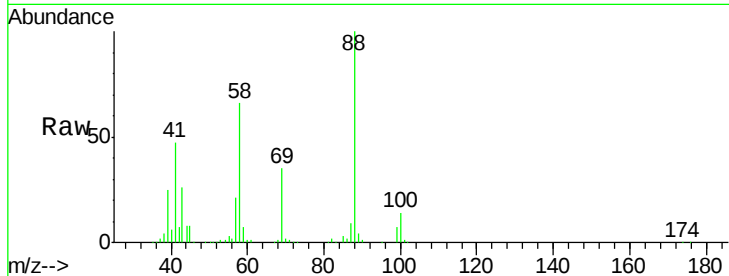




#49
 1,4-Dioxane
 Concen: 1881.15 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

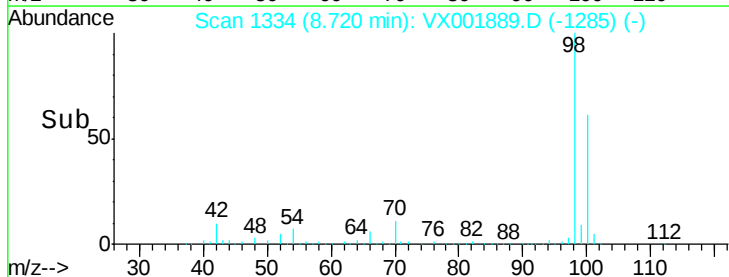
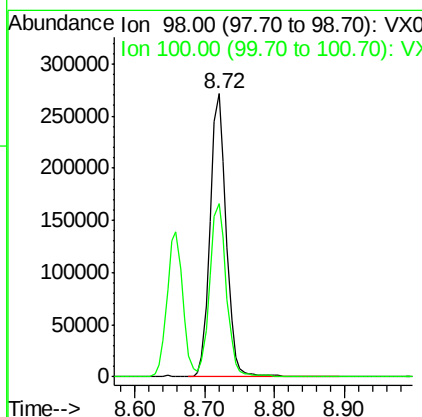
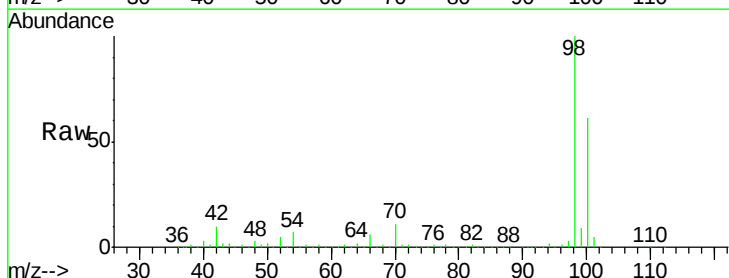
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

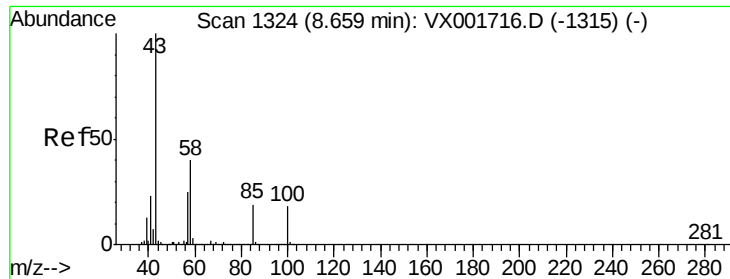
Tgt Ion: 88 Resp: 99097
 Ion Ratio Lower Upper
 88 100
 43 29.3 27.3 40.9
 58 67.8 55.9 83.9



#50
 Toluene-d8
 Concen: 52.00 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

Tgt Ion: 98 Resp: 435045
 Ion Ratio Lower Upper
 98 100
 100 63.7 54.0 81.0

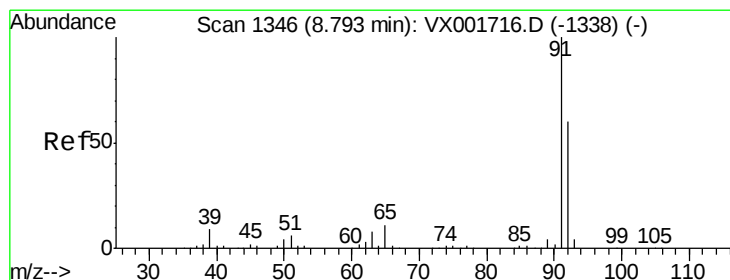
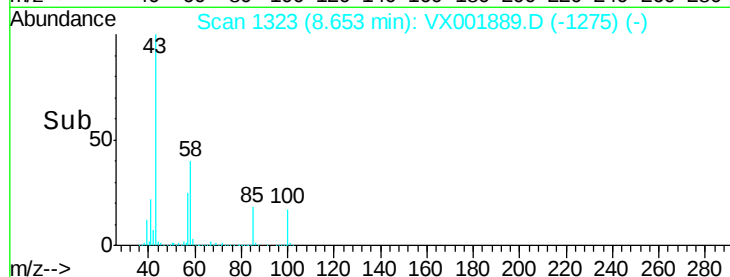
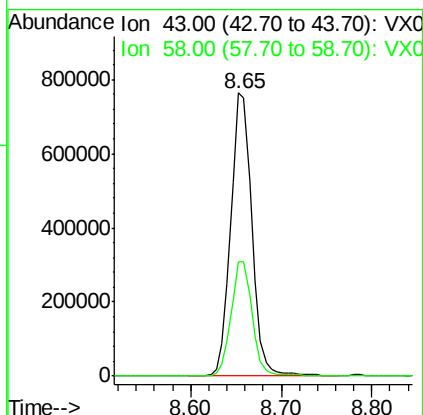
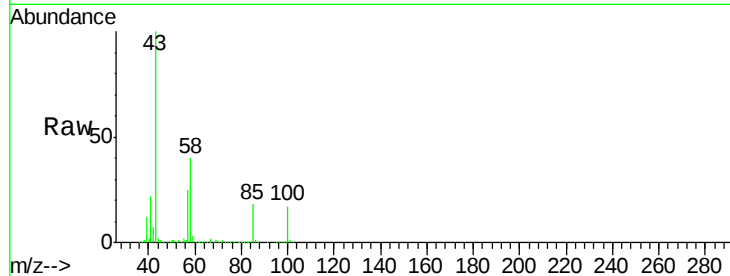




#51
 4-Methyl-2-Pentanone
 Concen: 376.08 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

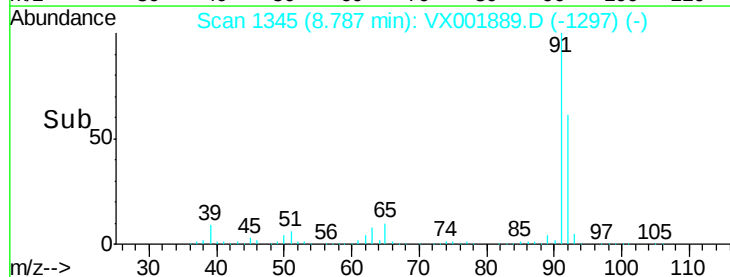
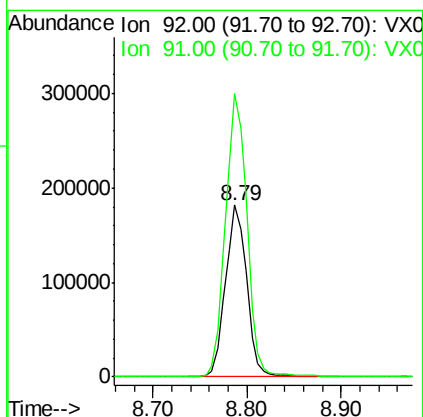
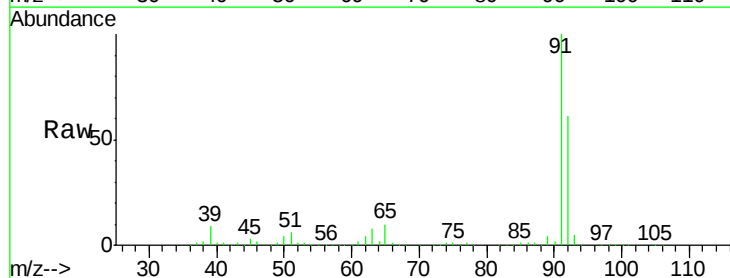
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

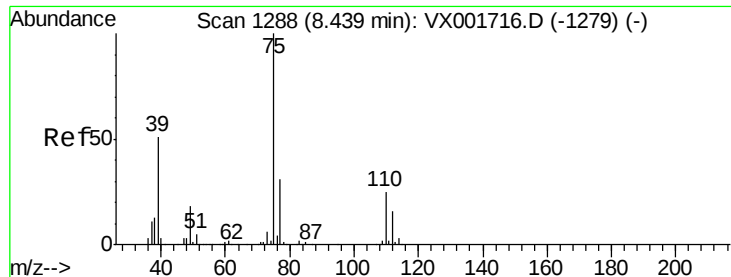
Tgt Ion: 43 Resp: 1238823
 Ion Ratio Lower Upper
 43 100
 58 40.7 31.4 47.0



#52
 Toluene
 Concen: 47.39 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

Tgt Ion: 92 Resp: 285908
 Ion Ratio Lower Upper
 92 100
 91 167.6 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 49.19 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

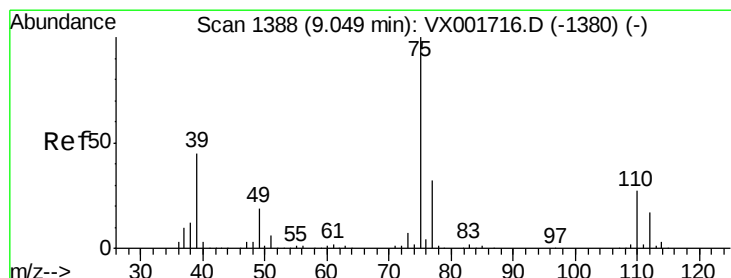
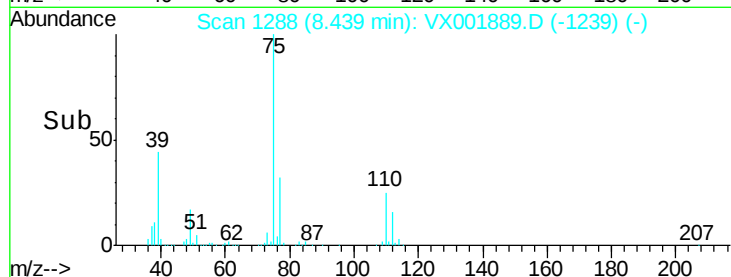
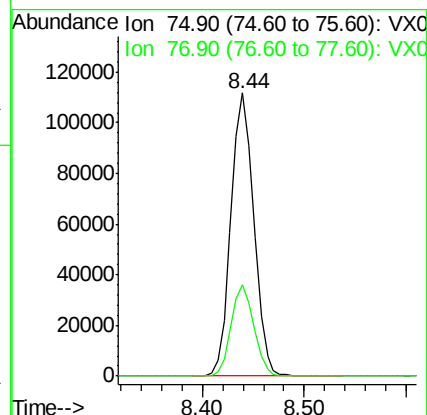
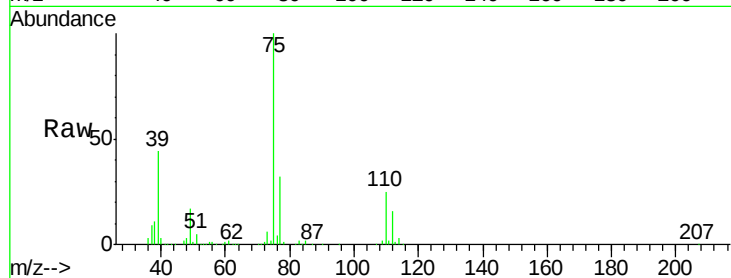
VSTDCCC050EC

Tgt Ion: 75 Resp: 173762

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 39.30 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

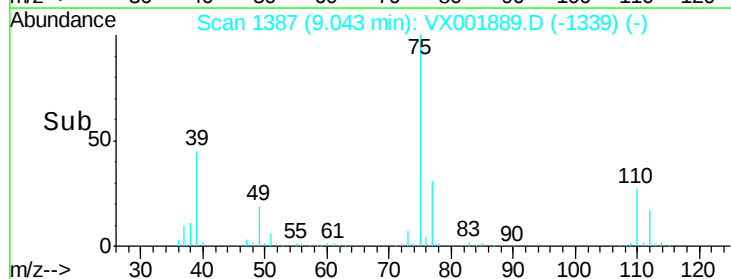
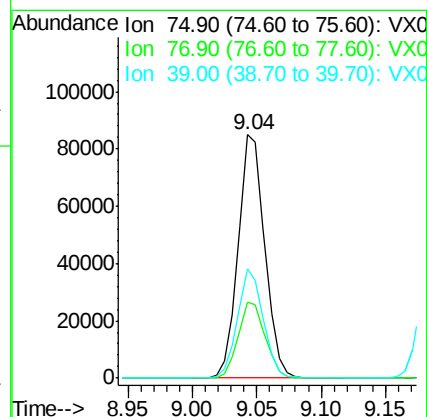
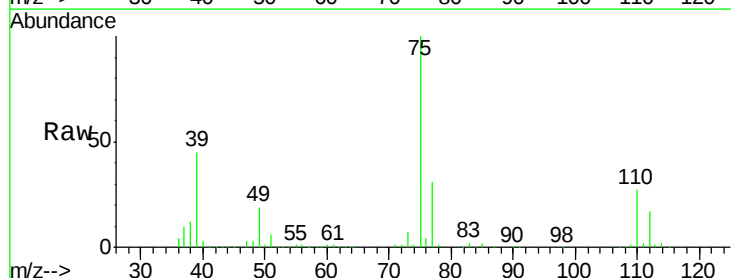
Tgt Ion: 75 Resp: 122364

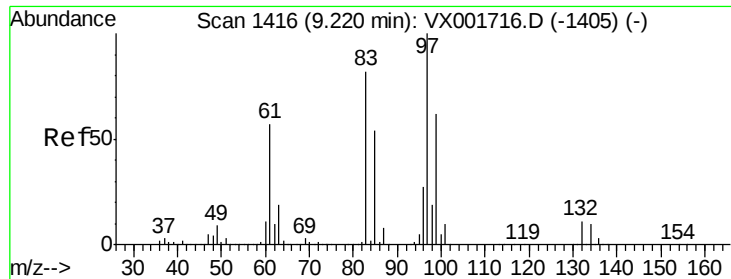
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2

39 45.0 36.1 54.1

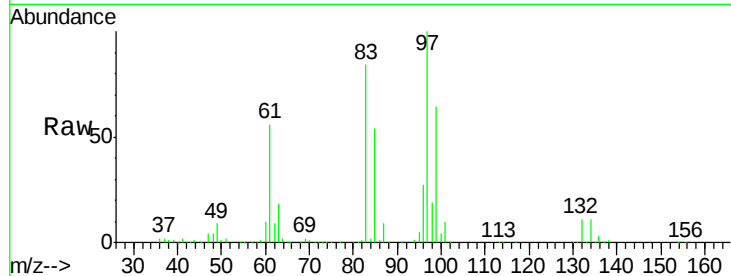




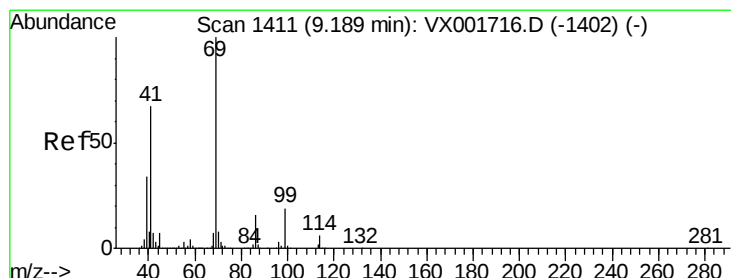
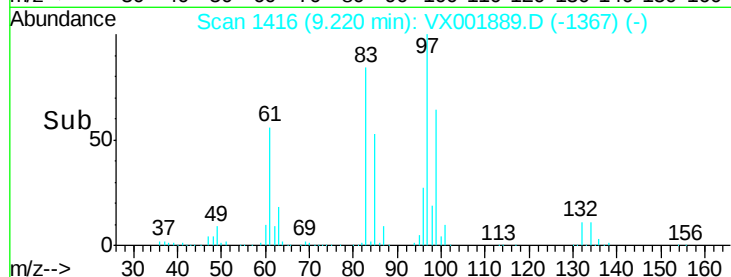
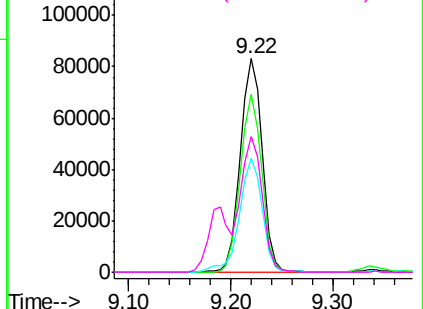
#55
 1,1,2-Trichloroethane
 Concen: 53.47 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	123313
Ion	Ratio	Lower	Upper
97	100		
83	83.5	65.8	98.8
85	53.5	43.4	65.0
99	63.6	49.8	74.6

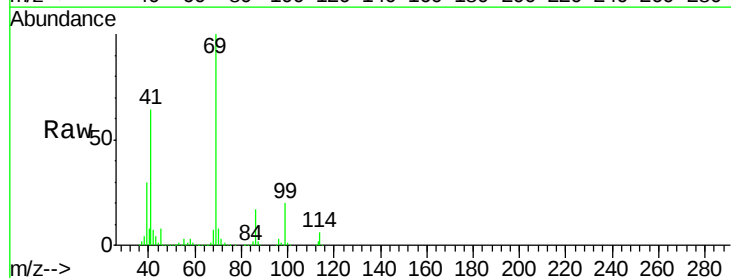


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

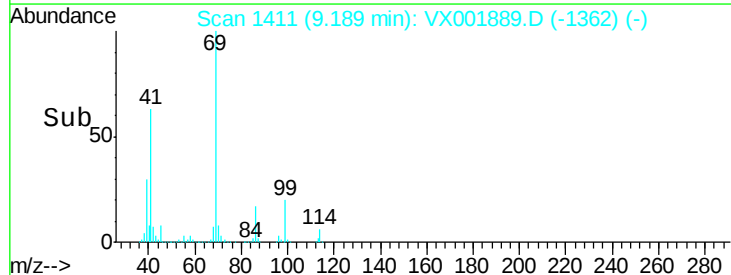
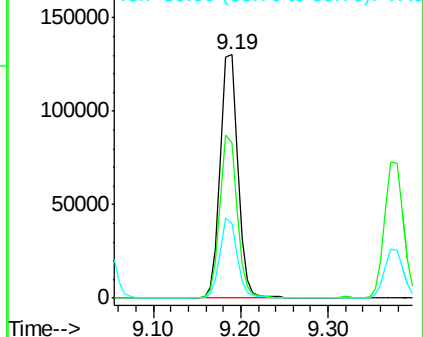


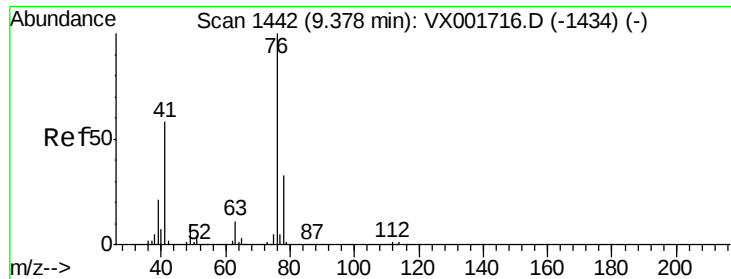
#56
 Ethyl methacrylate
 Concen: 55.77 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

Tgt Ion:	69	Resp:	182405
Ion	Ratio	Lower	Upper
69	100		
41	65.2	53.5	80.3
39	31.7	27.2	40.8



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: 50.23 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

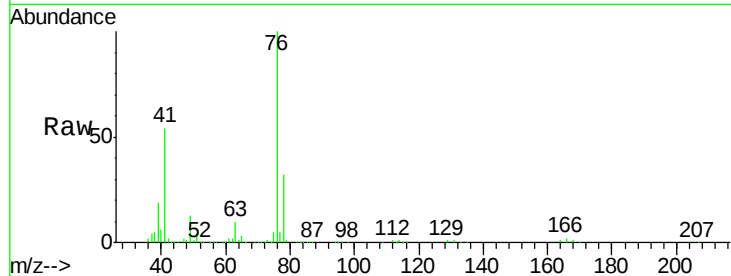
VSTDCCC050EC

Tgt Ion: 76 Resp: 193955

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

150000

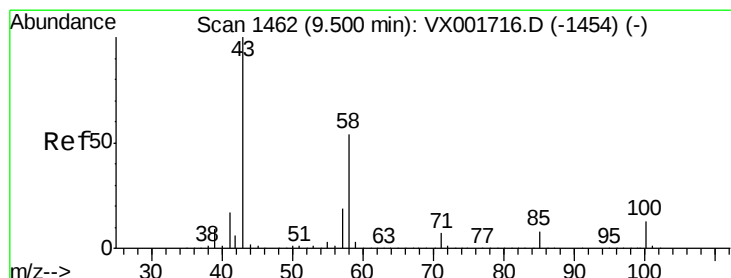
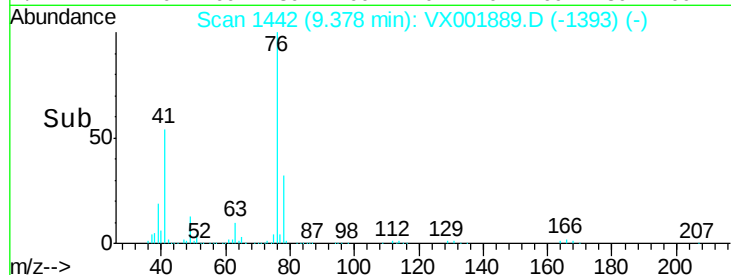
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 322.78 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX001889.D

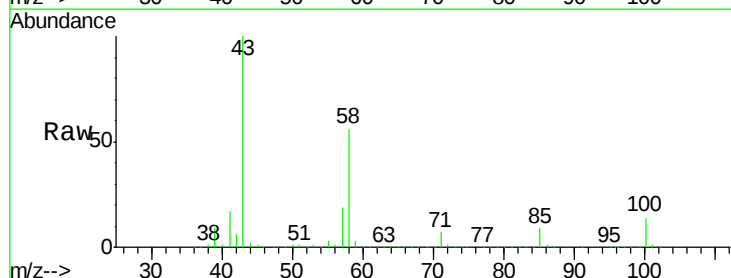
Acq: 21 May 2018 22:18

Tgt Ion: 43 Resp: 761132

Ion Ratio Lower Upper

43 100

58 56.8 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.50

600000

500000

400000

300000

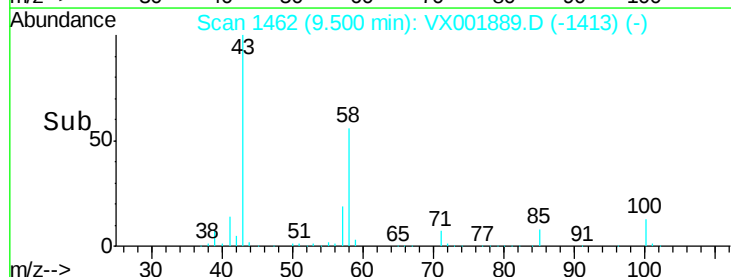
200000

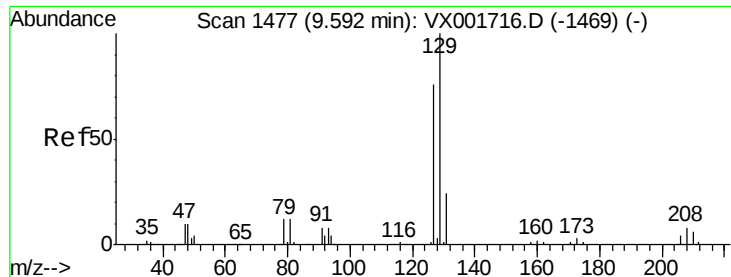
100000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 54.18 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

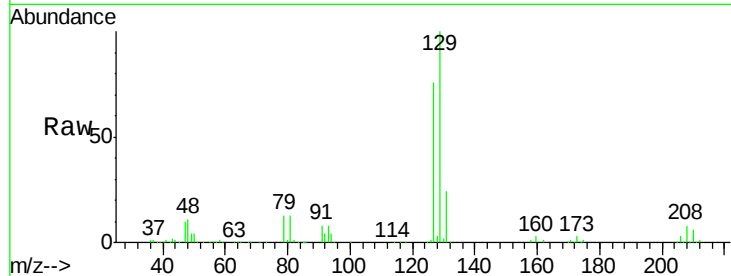
VSTDCCC050EC

Tgt Ion:129 Resp: 127957

Ion Ratio Lower Upper

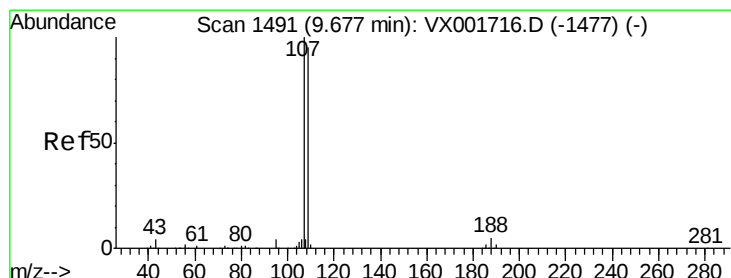
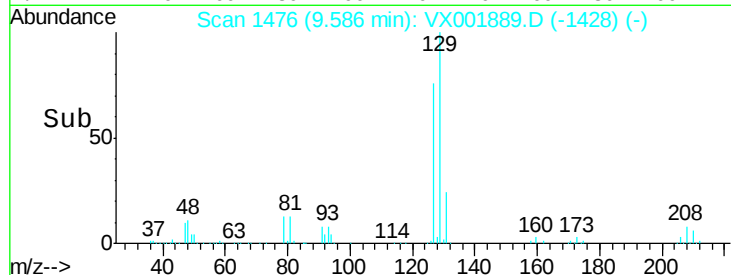
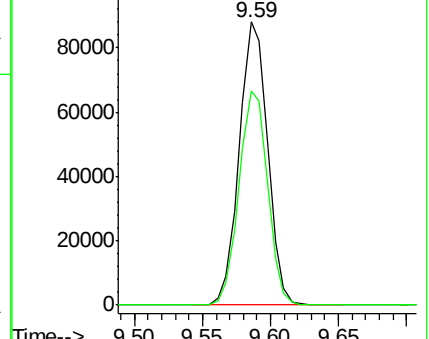
129 100

127 76.5 38.7 116.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 47.99 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001889.D

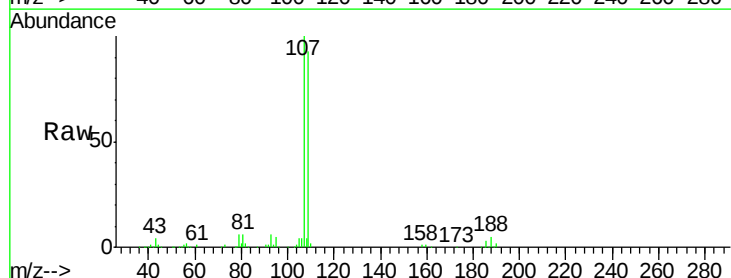
Acq: 21 May 2018 22:18

Tgt Ion:107 Resp: 115868

Ion Ratio Lower Upper

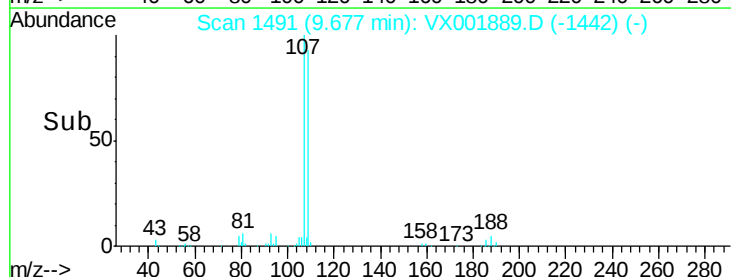
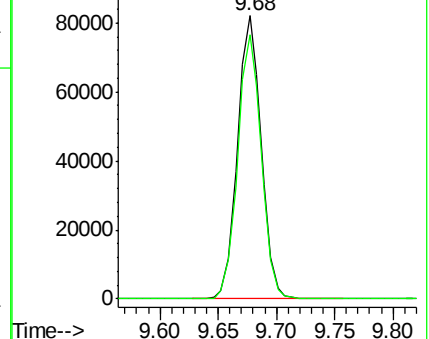
107 100

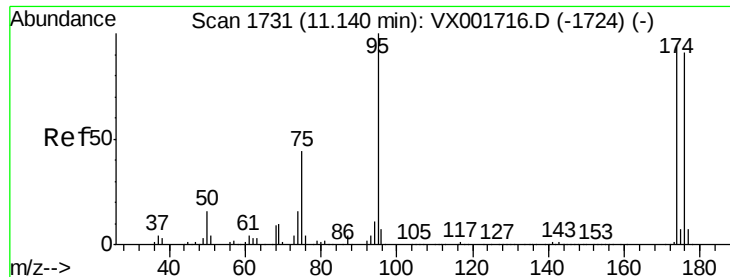
109 93.5 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

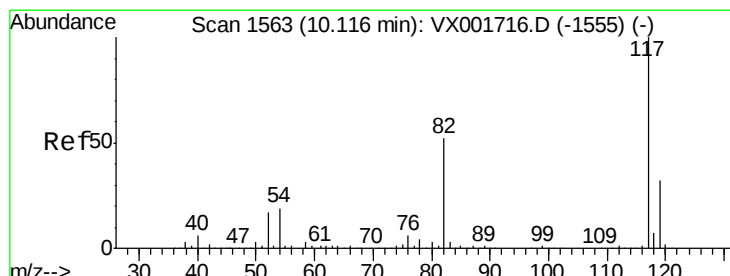
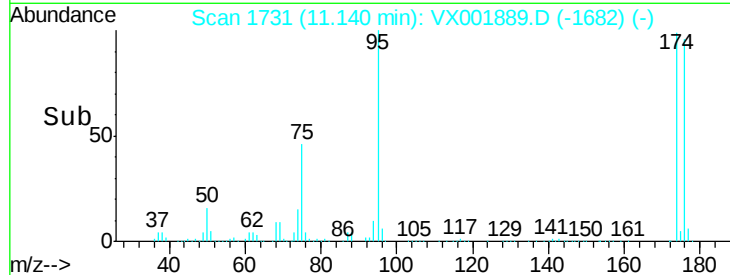
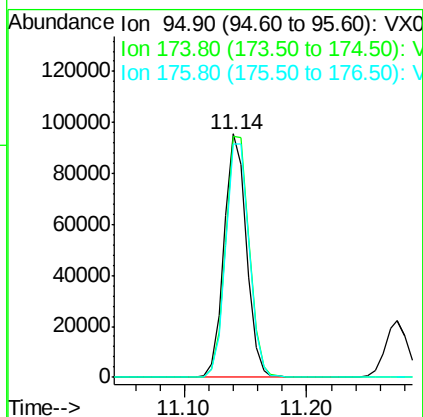
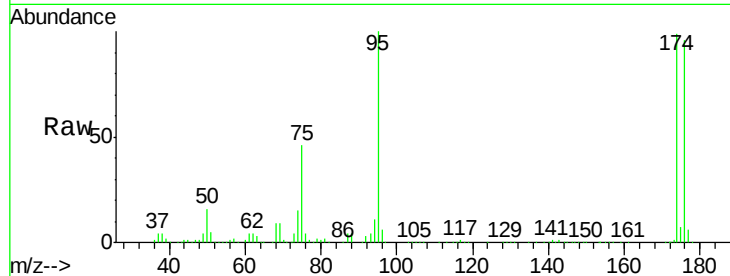




#62
4-Bromofluorobenzene
Concen: 39.89 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

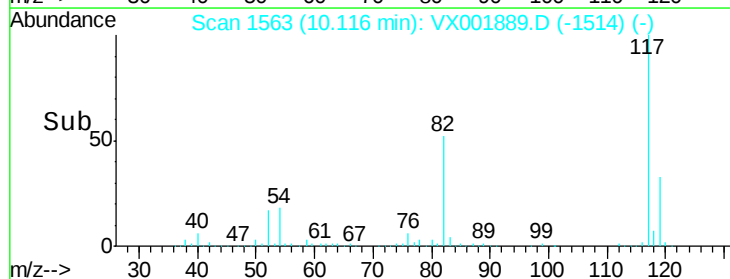
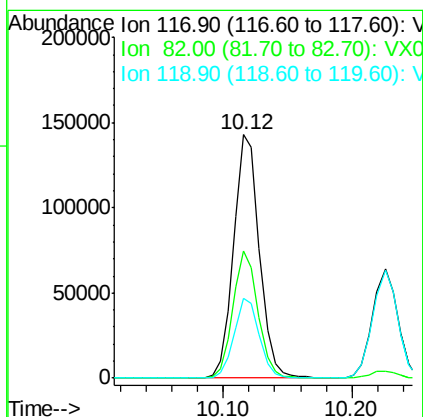
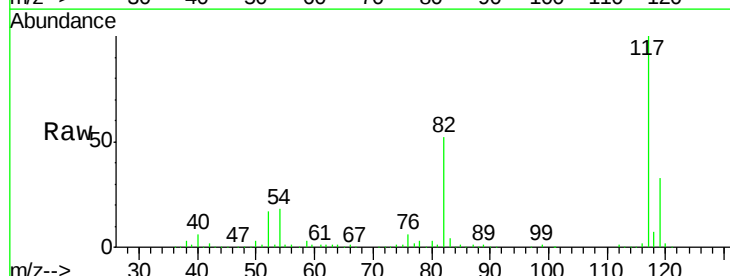
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

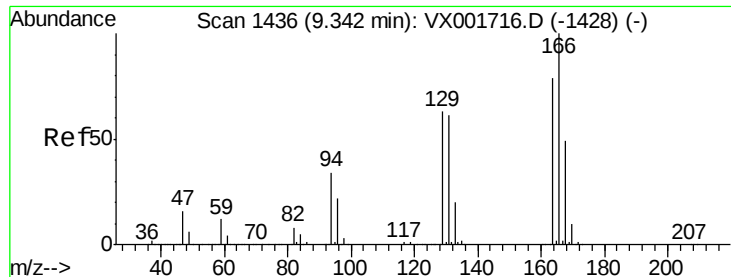
Tgt Ion: 95 Resp: 120161
Ion Ratio Lower Upper
95 100
174 104.7 0.0 201.8
176 101.4 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

Tgt Ion: 117 Resp: 199679
Ion Ratio Lower Upper
117 100
82 52.1 41.4 62.2
119 32.7 25.6 38.4





#64

Tetrachloroethene

Concen: 71.71 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:164 Resp: 186407

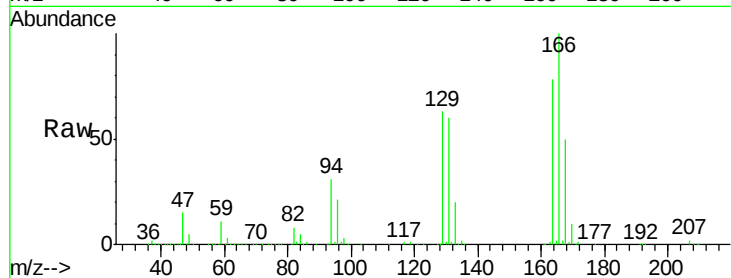
Ion Ratio Lower Upper

164 100

166 127.9 101.8 152.8

129 80.3 63.8 95.6

131 76.5 62.2 93.2

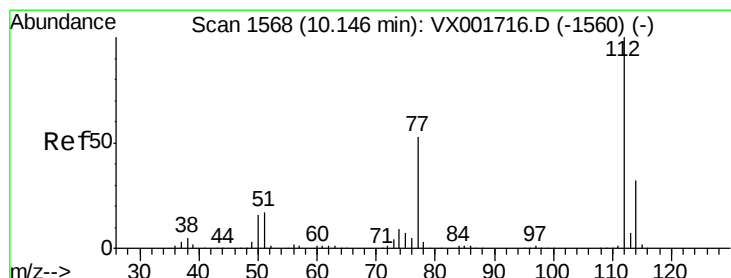
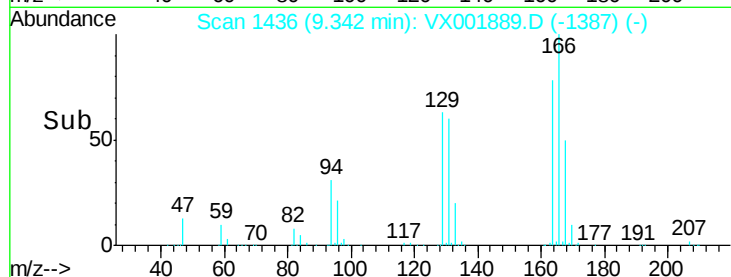
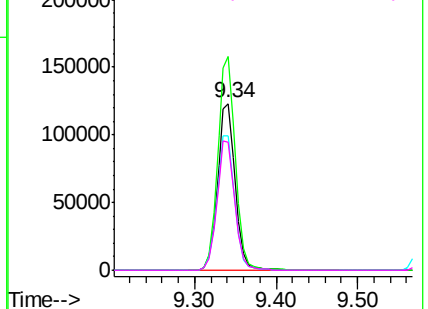


Abundance Ion 163.80 (163.50 to 164.50): V

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: 51.32 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001889.D

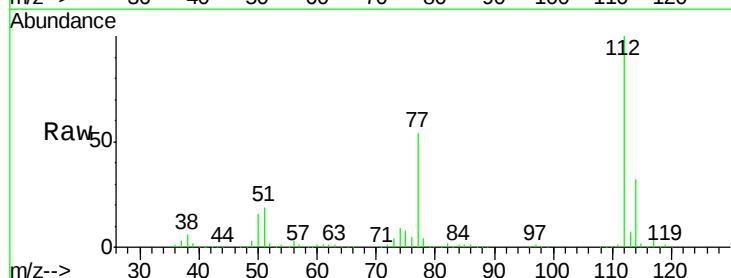
Acq: 21 May 2018 22:18

Tgt Ion:112 Resp: 281856

Ion Ratio Lower Upper

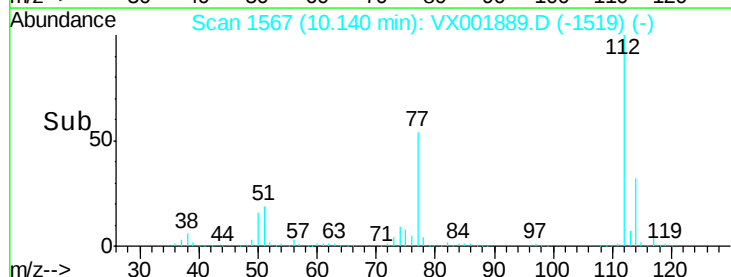
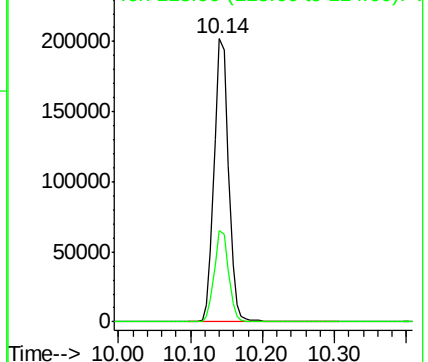
112 100

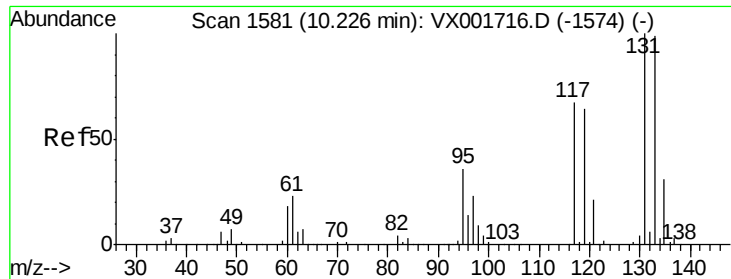
114 32.3 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 69.15 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

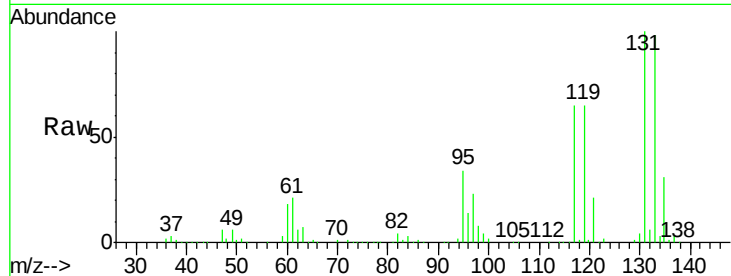
Tgt Ion:131 Resp: 134137

Ion Ratio Lower Upper

131 100

133 95.8 48.5 145.6

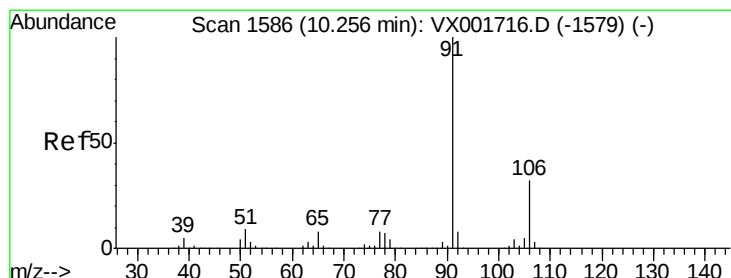
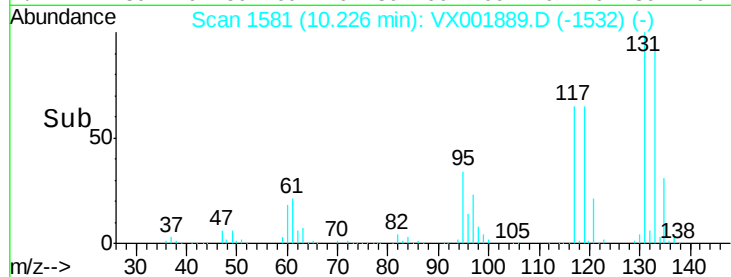
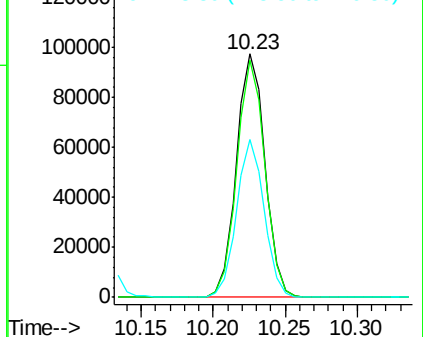
119 62.9 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 54.77 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001889.D

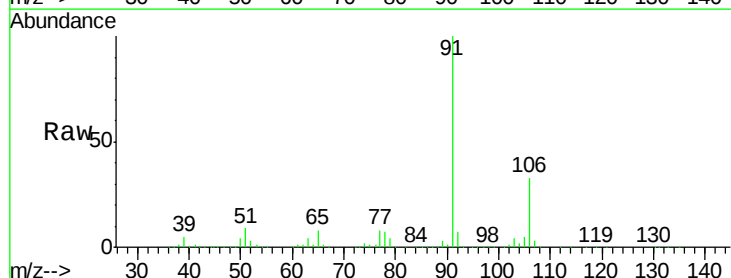
Acq: 21 May 2018 22:18

Tgt Ion: 91 Resp: 480749

Ion Ratio Lower Upper

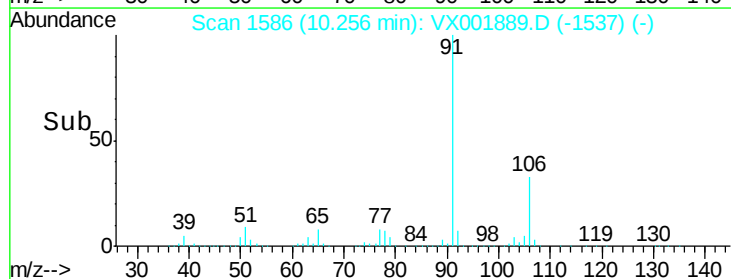
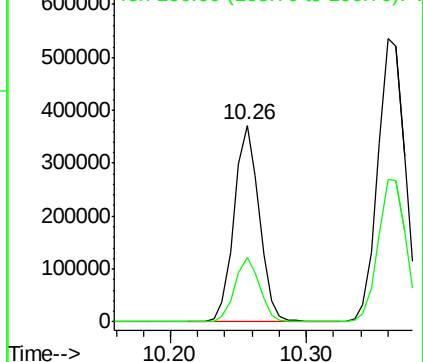
91 100

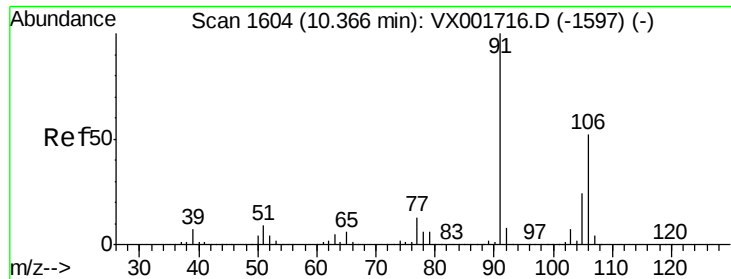
106 32.7 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

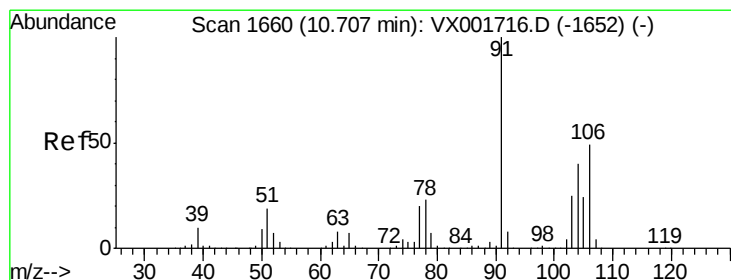
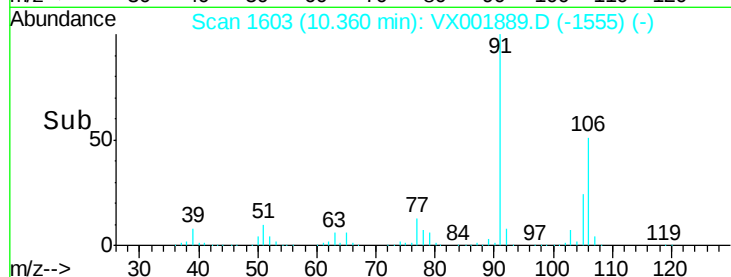
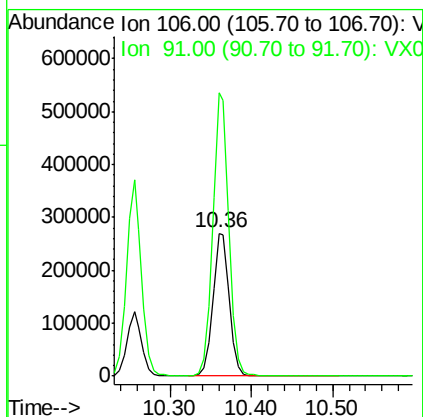
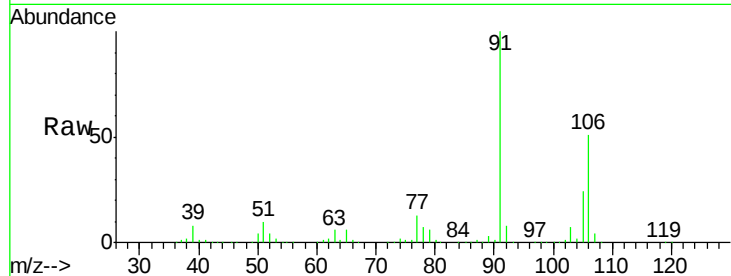




#68
m/p-Xylenes
Concen: 110.92 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

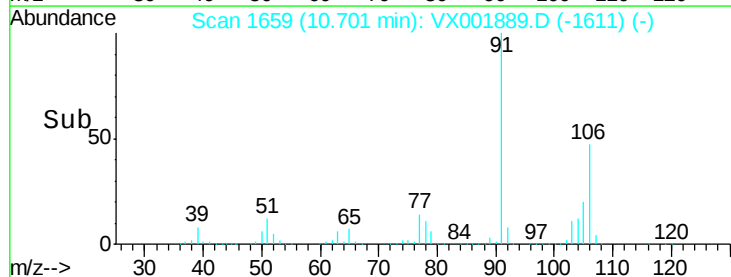
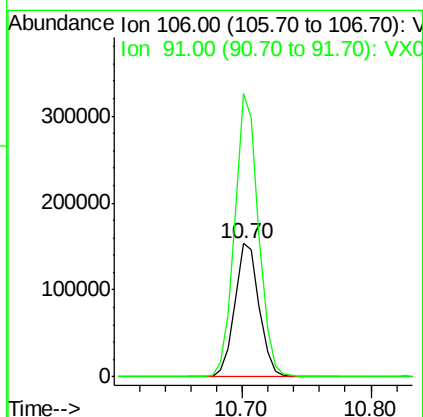
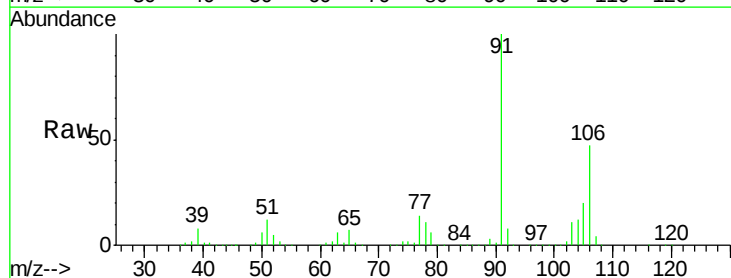
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

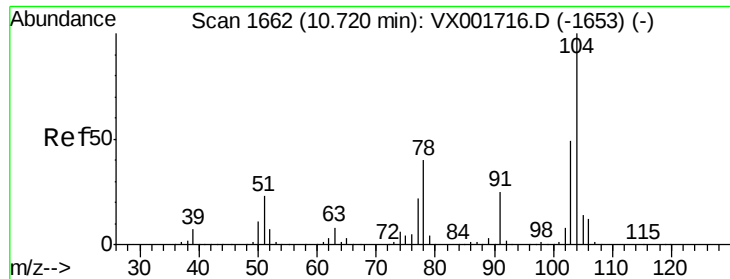
Tgt Ion:106 Resp: 384135
Ion Ratio Lower Upper
106 100
91 194.9 155.4 233.2



#69
o-Xylene
Concen: 61.04 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

Tgt Ion:106 Resp: 202463
Ion Ratio Lower Upper
106 100
91 207.5 103.4 310.2

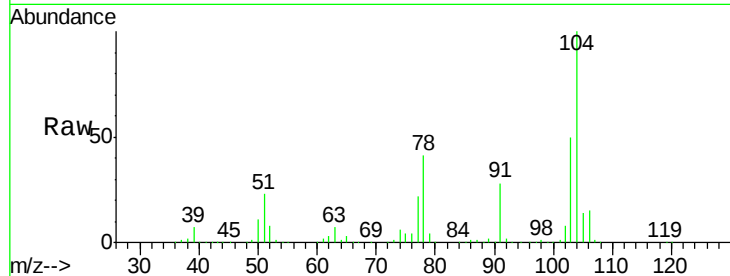




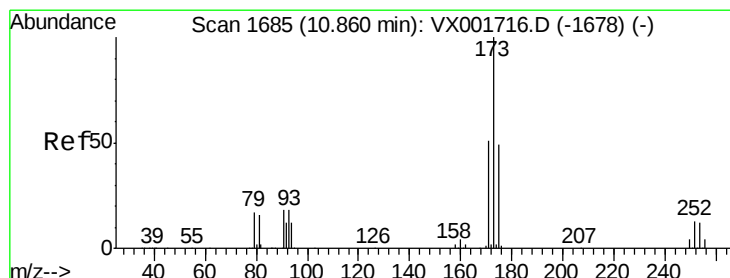
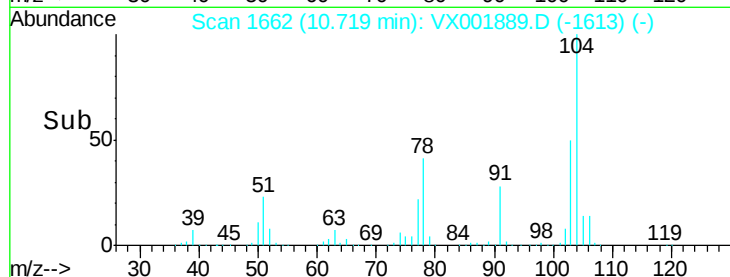
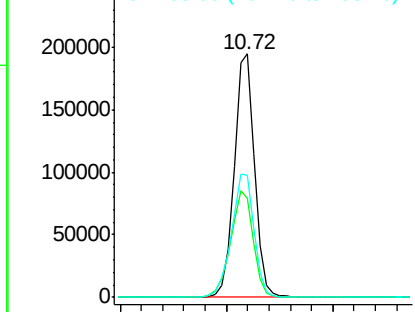
#70
Styrene
Concen: 47.65 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:104 Resp: 260659
Ion Ratio Lower Upper
104 100
78 48.8 37.3 55.9
103 56.8 43.7 65.5

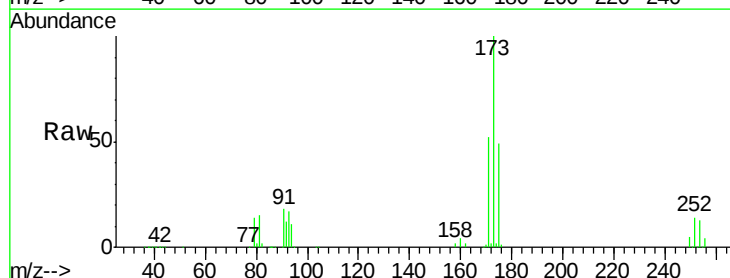


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

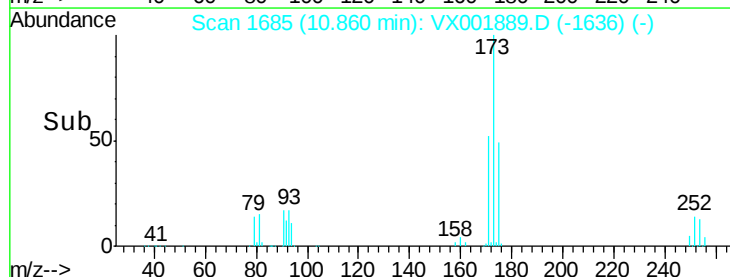
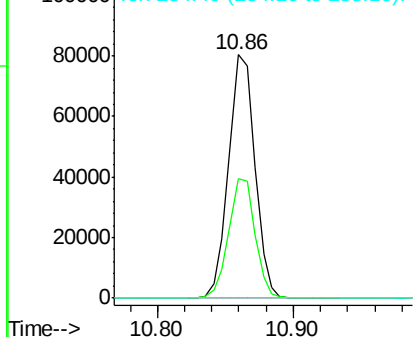


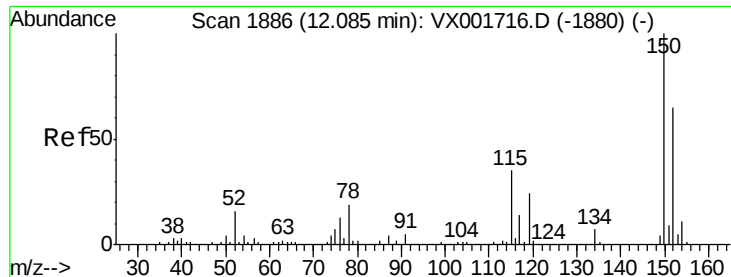
#71
Bromoform
Concen: 59.71 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

Tgt Ion:173 Resp: 108884
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
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: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

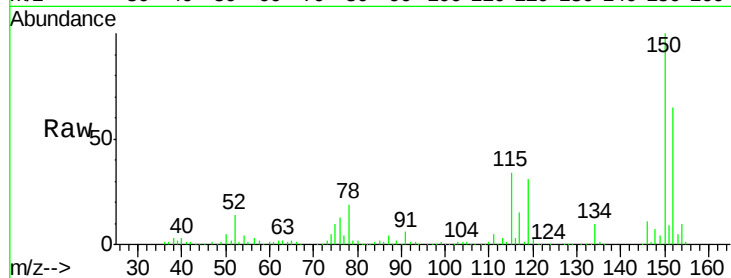
Tgt Ion:152 Resp: 120454

Ion Ratio Lower Upper

152 100

115 79.5 37.4 112.2

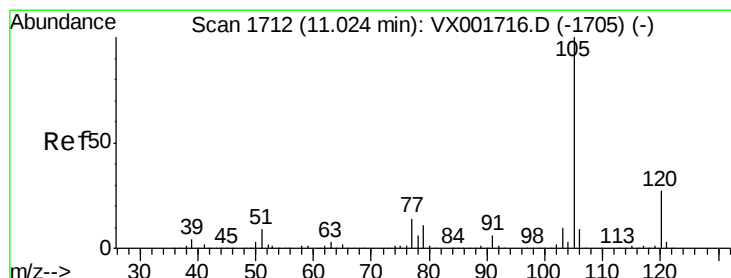
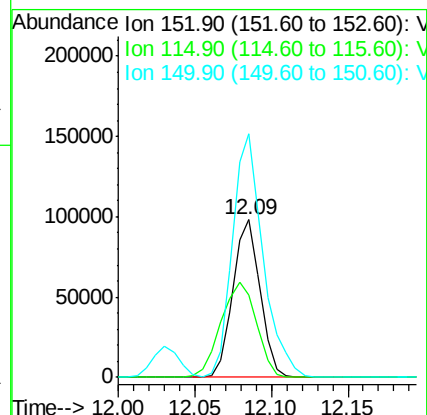
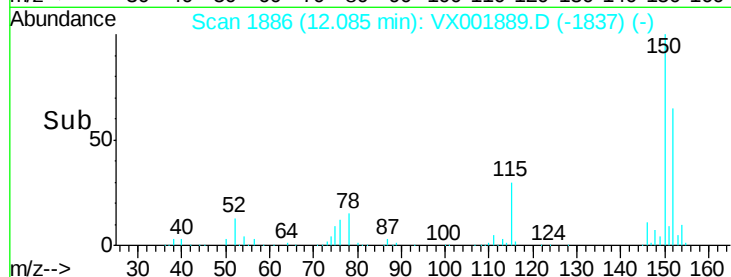
150 174.2 0.0 344.8



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: 68.37 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001889.D

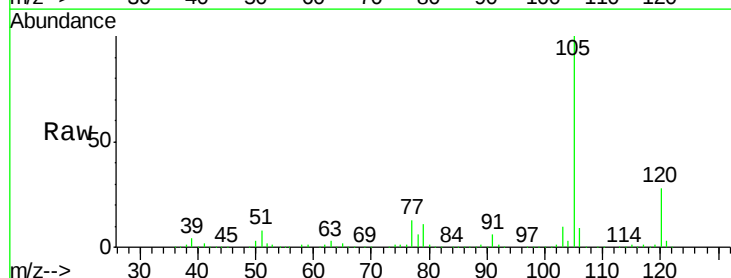
Acq: 21 May 2018 22:18

Tgt Ion:105 Resp: 542386

Ion Ratio Lower Upper

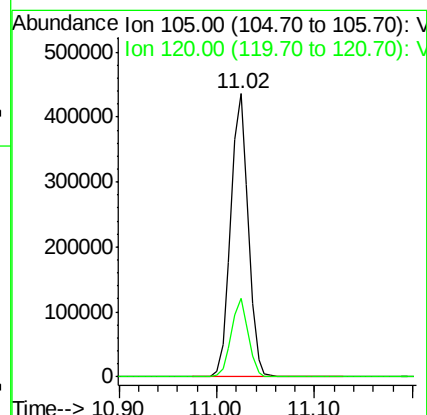
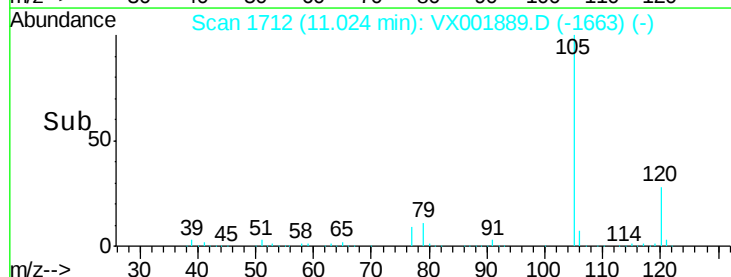
105 100

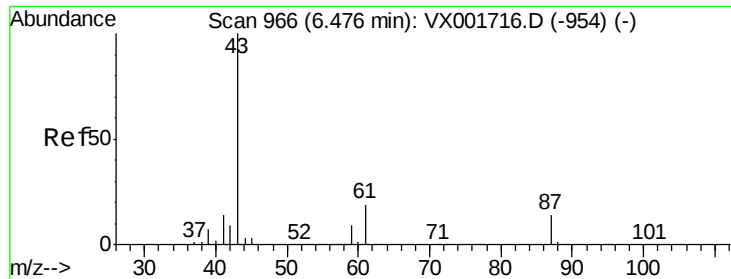
120 27.0 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amy1 acetate

Concen: 87.79 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

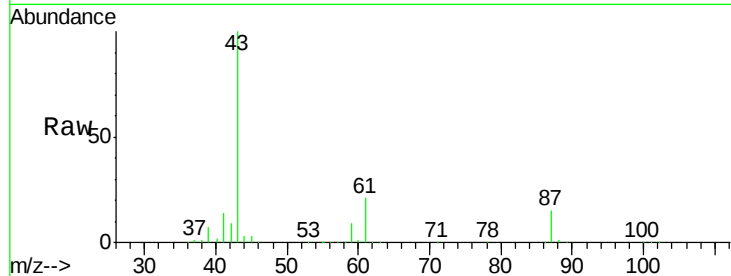
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 333858

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.1	0.1	0.1#
61	20.9	15.8	23.8

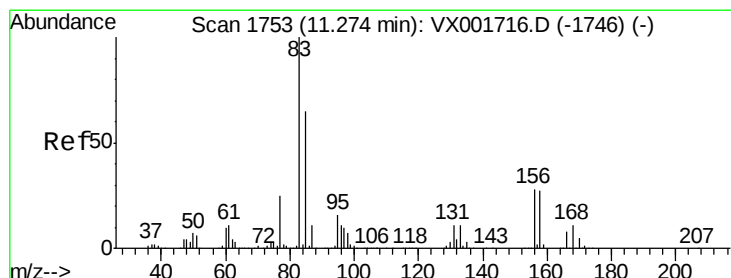
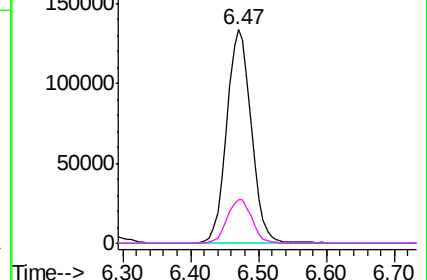
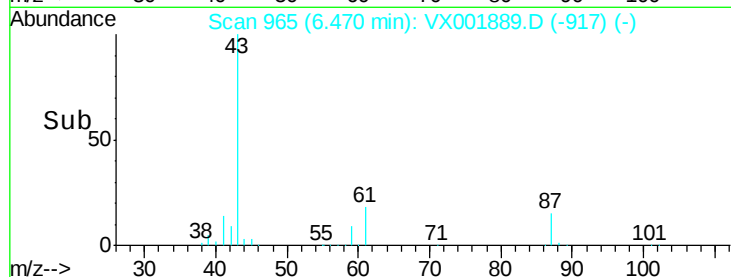


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 76.93 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

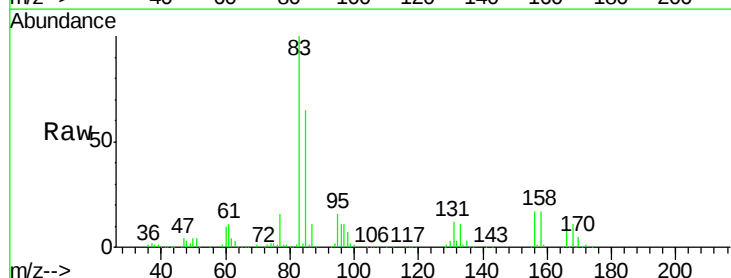
Lab File: VX001889.D

Acq: 21 May 2018 22:18

Tgt Ion: 83 Resp: 183050

Ion Ratio Lower Upper

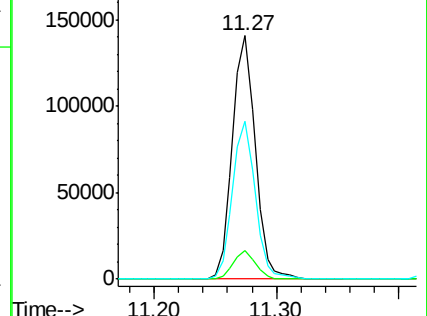
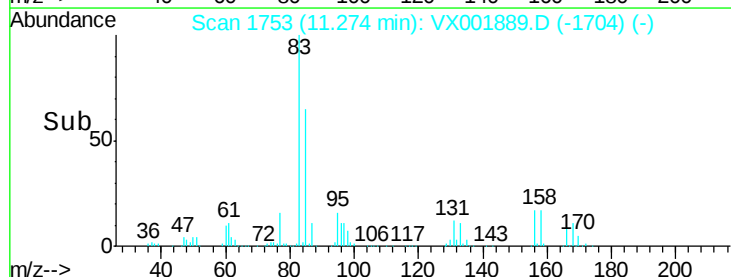
83	100		
131	11.2	5.7	17.0
85	64.3	32.7	98.1

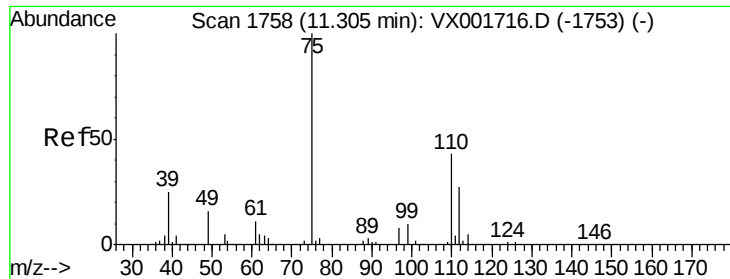


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

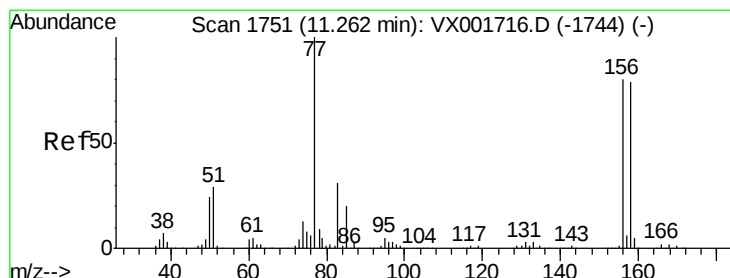
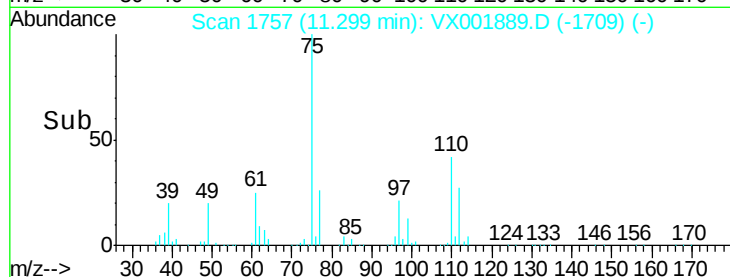
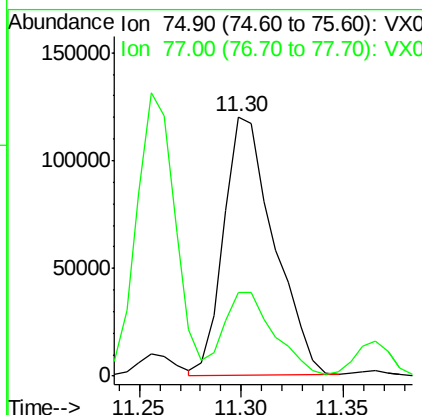
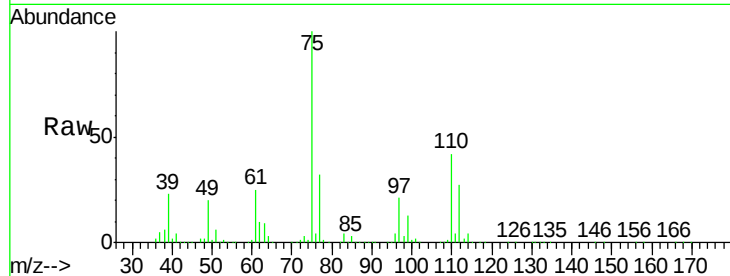




#76
 1,2,3-Trichloropropane
 Concen: 89.02 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

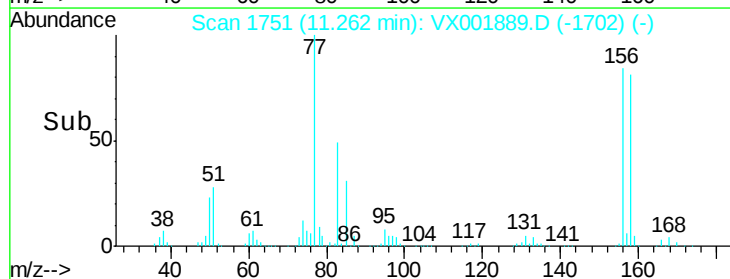
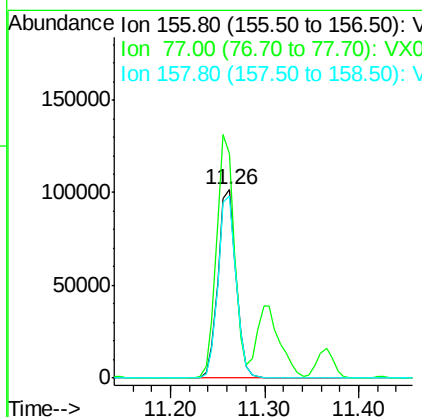
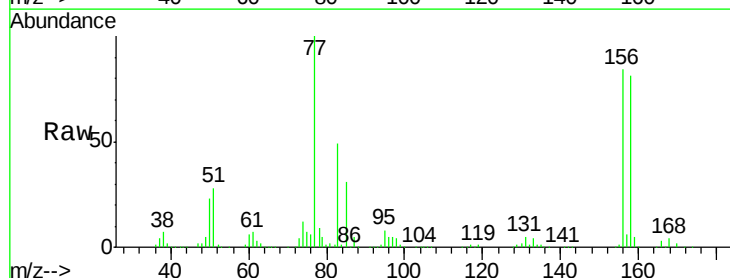
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

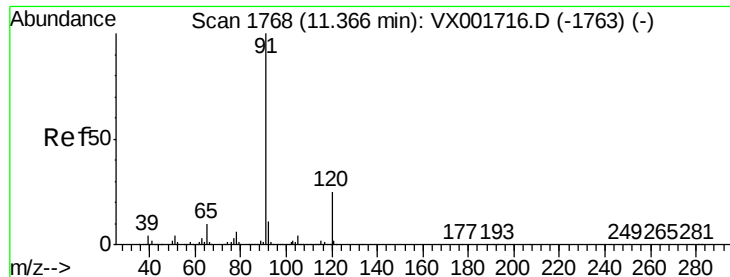
Tgt Ion: 75 Resp: 203896
 Ion Ratio Lower Upper
 75 100
 77 32.8 18.9 56.7



#77
 Bromobenzene
 Concen: 57.79 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

Tgt Ion: 156 Resp: 134705
 Ion Ratio Lower Upper
 156 100
 77 127.9 65.3 196.0
 158 97.3 49.1 147.3





#78

n-propylbenzene

Concen: 59.34 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

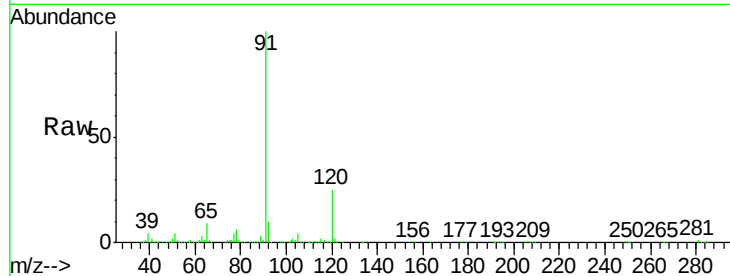
VSTDCCC050EC

Tgt Ion: 91 Resp: 530317

Ion Ratio Lower Upper

91 100

120 25.3 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.37

400000

300000

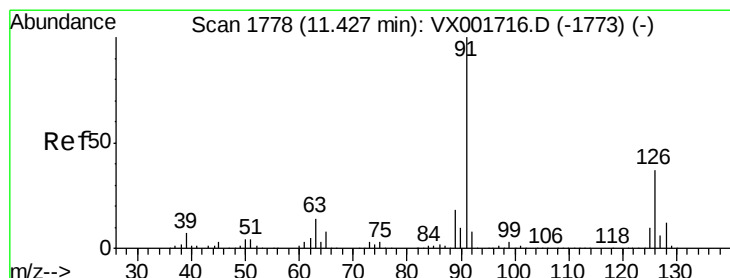
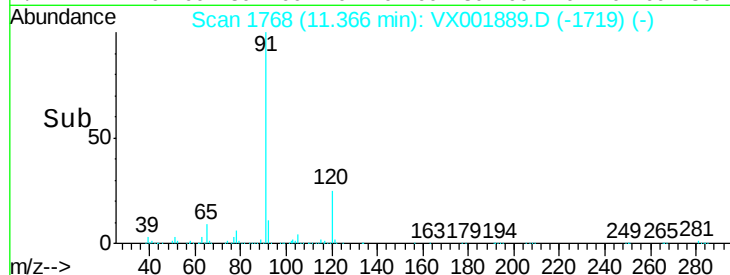
200000

100000

0

11.35 11.40

Time-->



#79

2-Chlorotoluene

Concen: 62.65 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001889.D

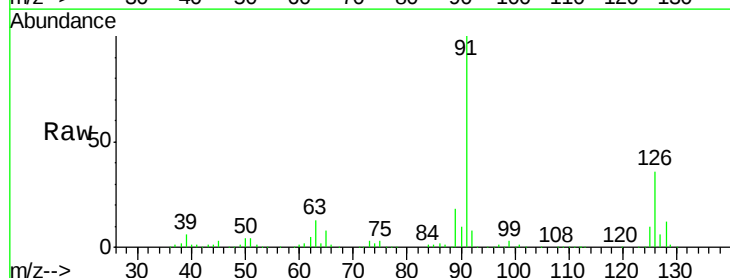
Acq: 21 May 2018 22:18

Tgt Ion: 91 Resp: 334866

Ion Ratio Lower Upper

91 100

126 36.7 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.43

400000

300000

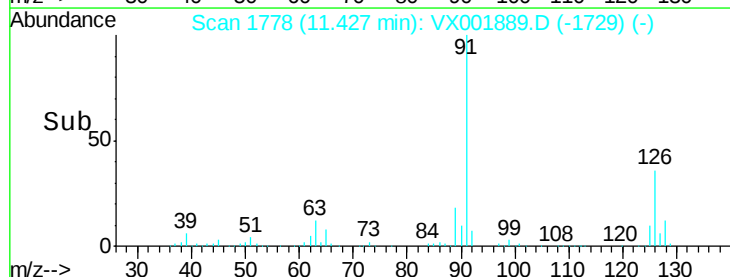
200000

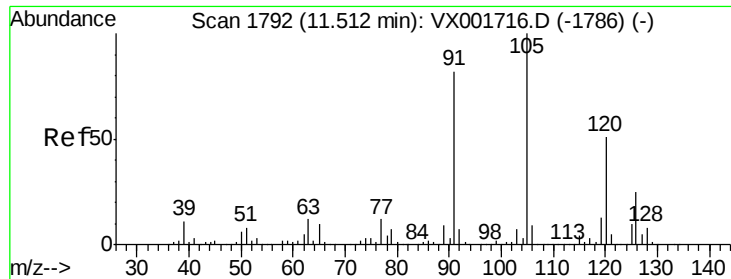
100000

0

11.40 11.45

Time-->

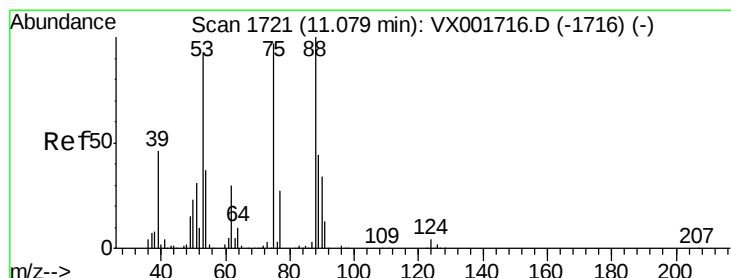
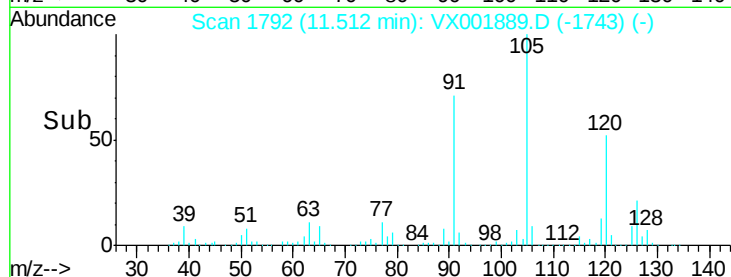
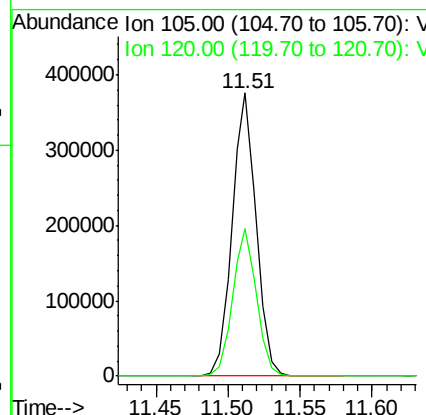
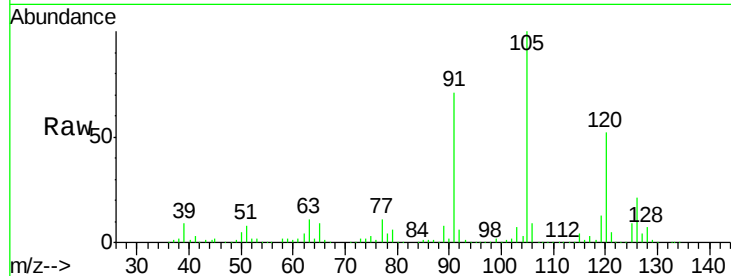




#80
 1,3,5-Trimethylbenzene
 Concen: 67.55 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

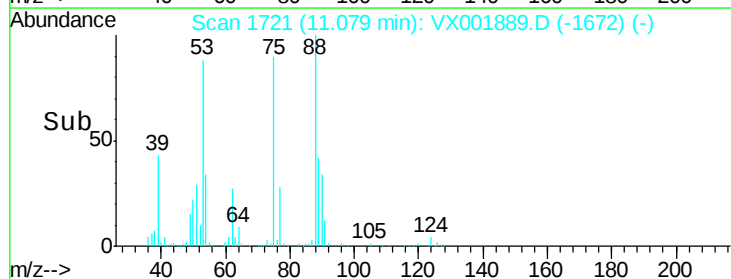
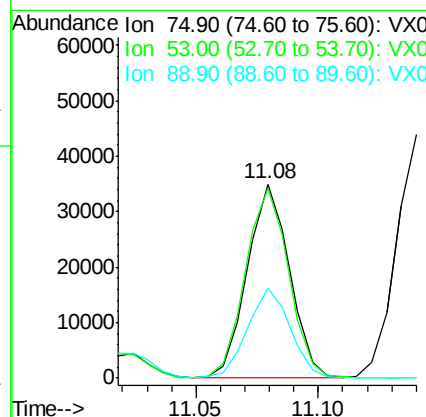
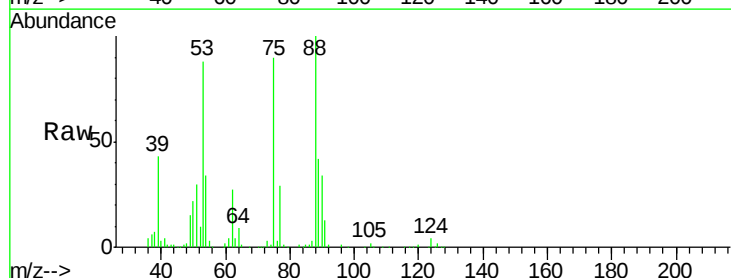
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

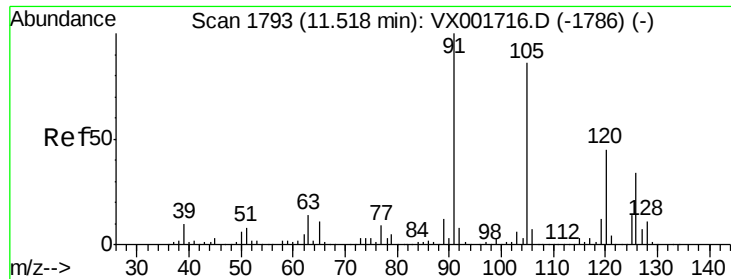
Tgt Ion:105 Resp: 439599
 Ion Ratio Lower Upper
 105 100
 120 51.6 25.7 77.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.15 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

Tgt Ion: 75 Resp: 41850
 Ion Ratio Lower Upper
 75 100
 53 99.7 79.4 119.2
 89 46.9 38.8 58.2

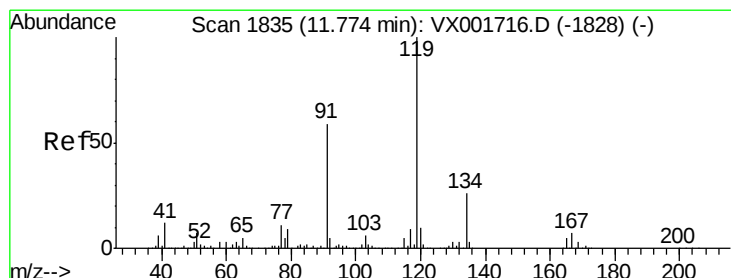
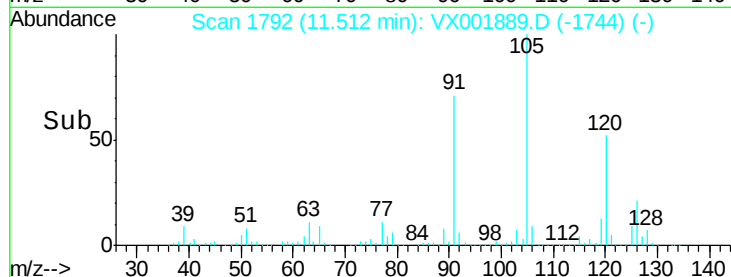
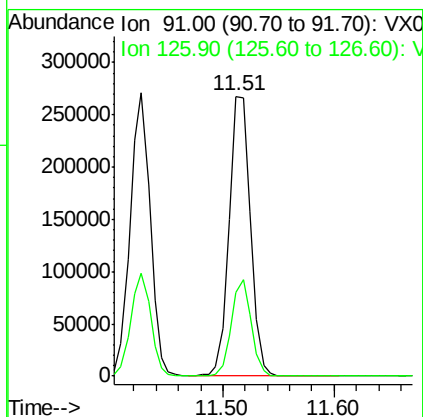
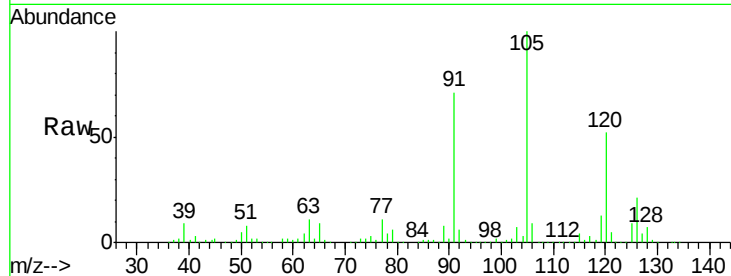




#82
4-Chlorotoluene
Concen: 56.25 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

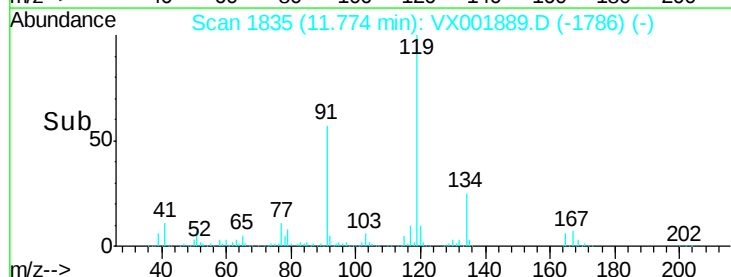
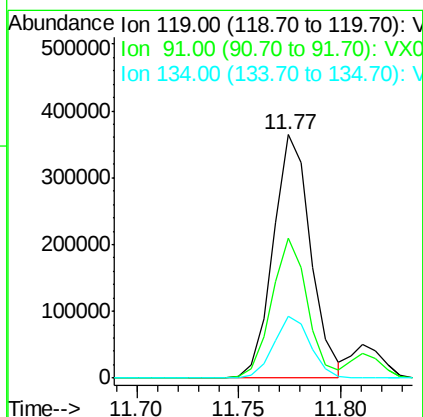
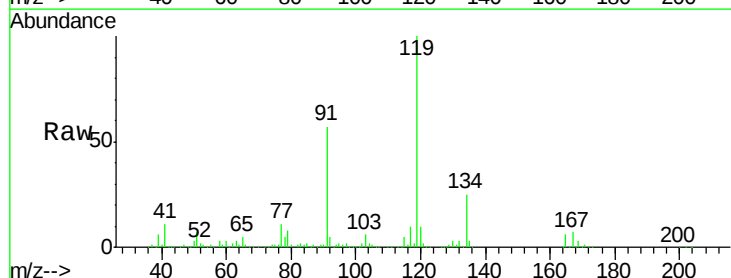
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

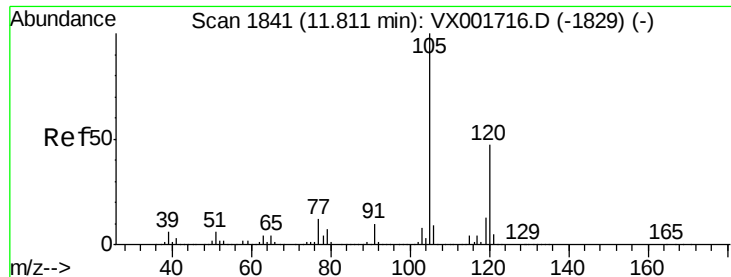
Tgt Ion: 91 Resp: 354165
Ion Ratio Lower Upper
91 100
126 32.0 16.4 49.1



#83
tert-Butylbenzene
Concen: 72.30 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

Tgt Ion: 119 Resp: 468196
Ion Ratio Lower Upper
119 100
91 54.7 27.7 83.0
134 24.9 12.7 38.1

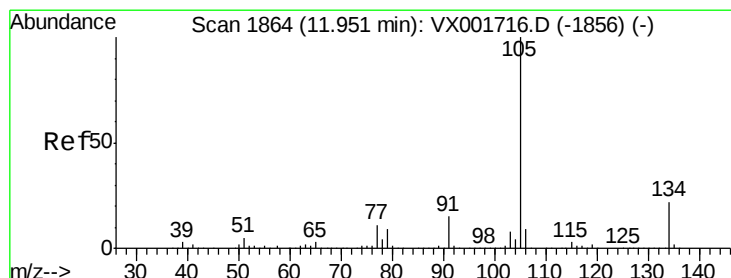
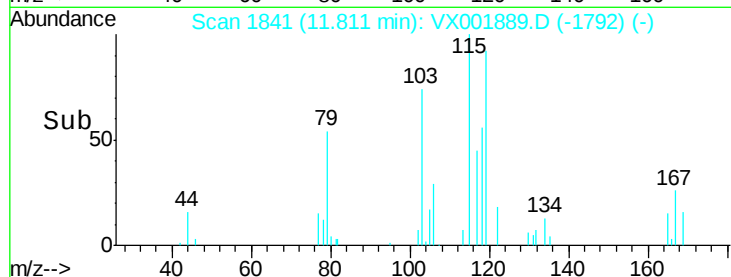
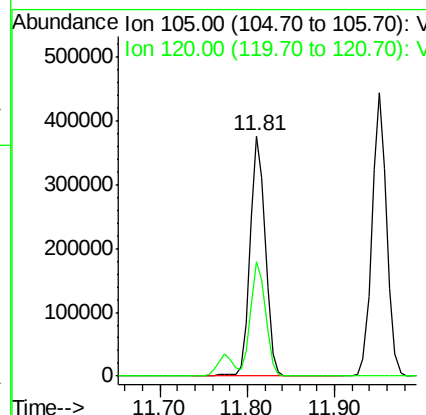
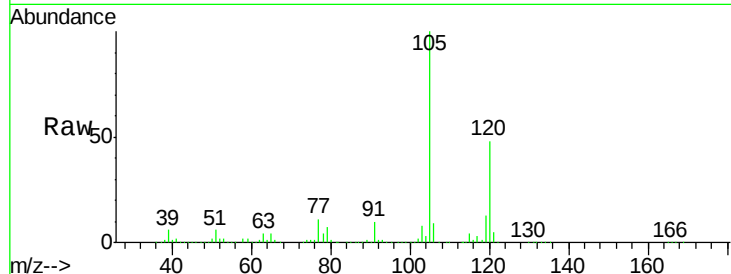




#84
 1,2,4-Trimethylbenzene
 Concen: 66.87 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

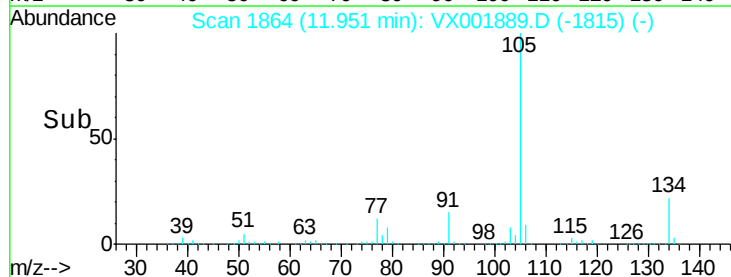
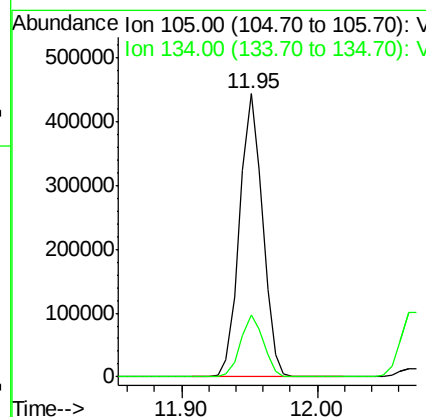
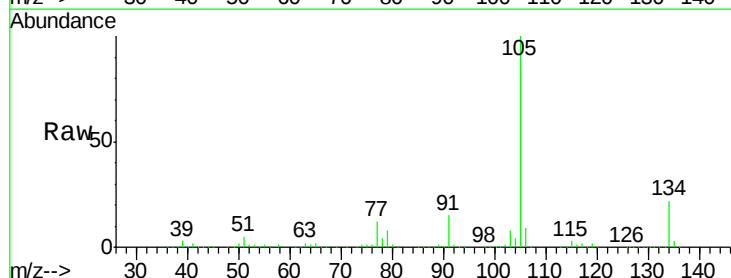
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

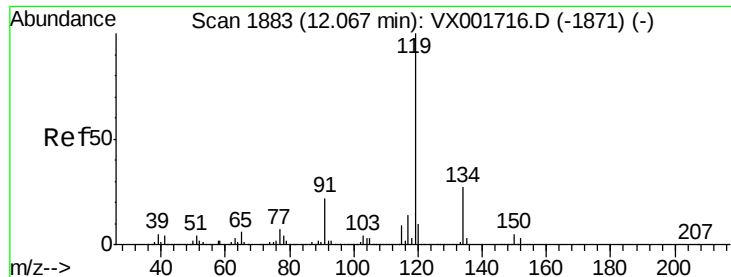
Tgt Ion:105 Resp: 450628
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.5 70.5



#85
 sec-Butylbenzene
 Concen: 65.30 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

Tgt Ion:105 Resp: 522045
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.9 32.6





#86

p-Isopropyltoluene

Concen: 63.29 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

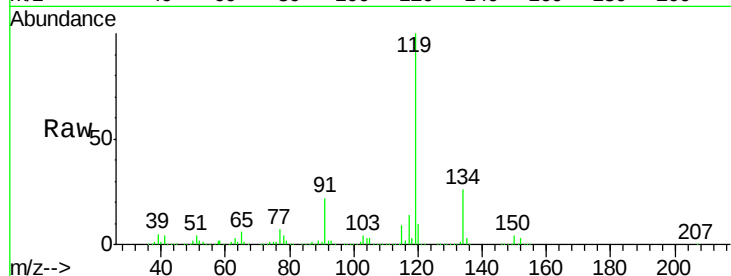
Tgt Ion:119 Resp: 468209

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

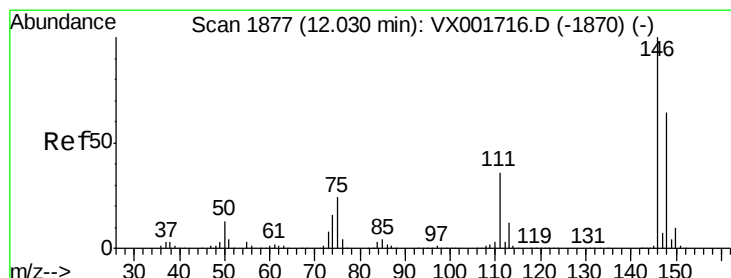
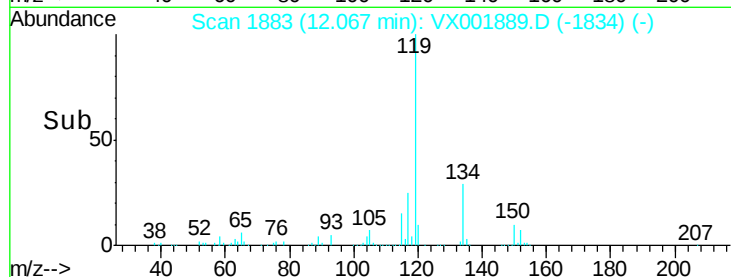
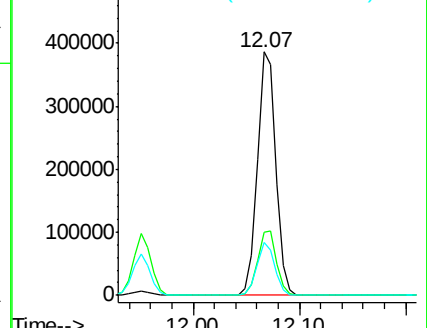
91 21.1 10.7 32.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 52.53 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

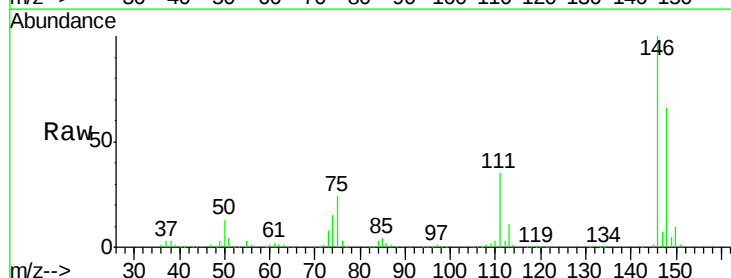
Tgt Ion:146 Resp: 226437

Ion Ratio Lower Upper

146 100

111 35.5 17.8 53.4

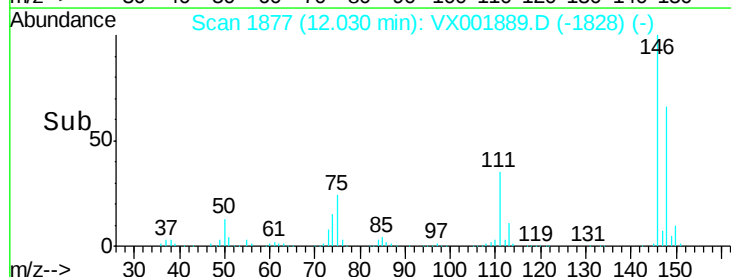
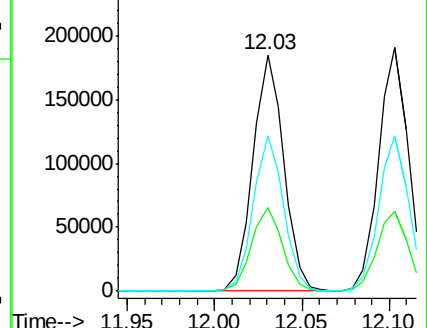
148 64.9 32.1 96.3

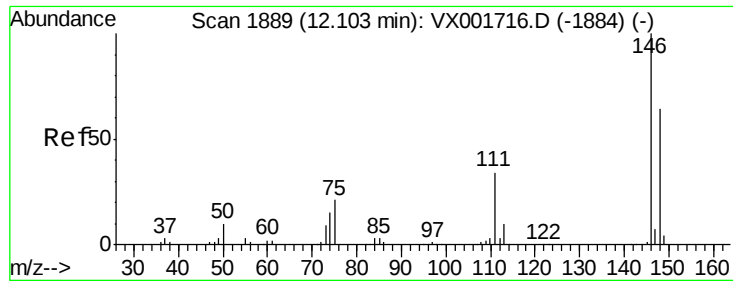


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 50.46 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

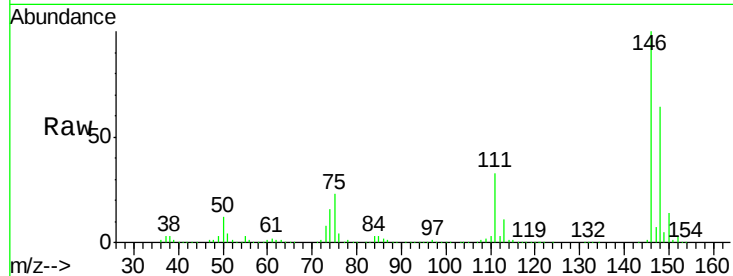
Tgt Ion:146 Resp: 224920

Ion Ratio Lower Upper

146 100

111 34.1 17.3 52.0

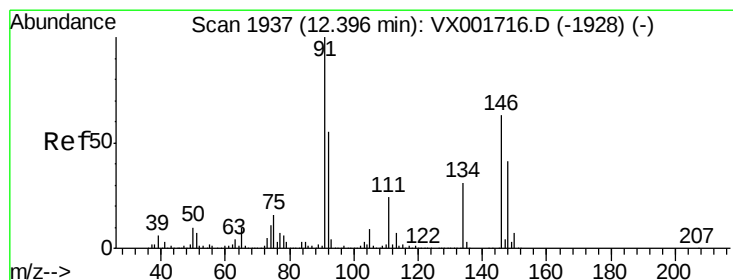
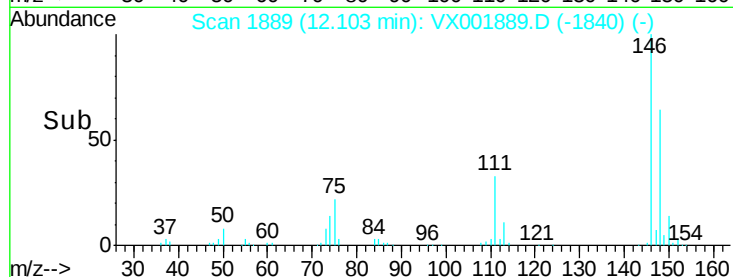
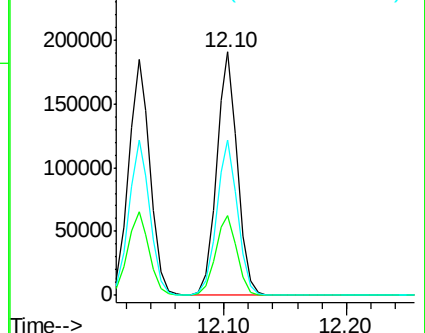
148 64.7 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 51.53 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

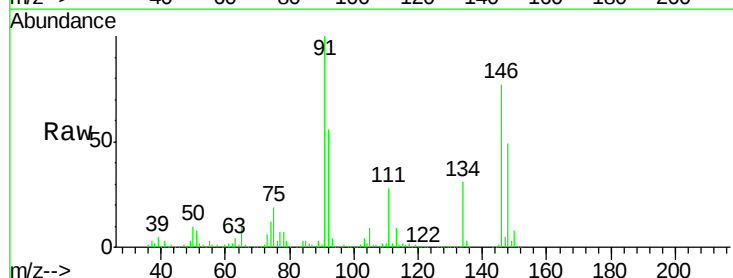
Tgt Ion: 91 Resp: 329712

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.9

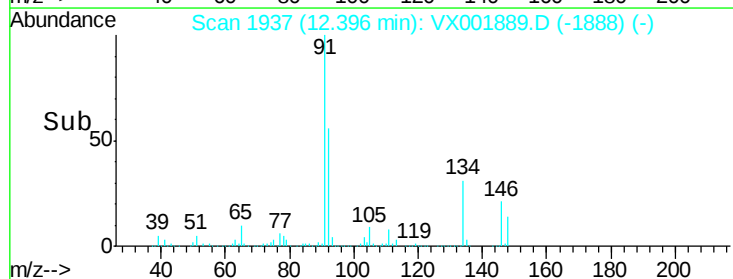
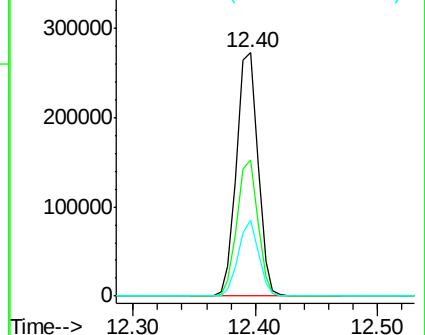
134 29.2 14.7 44.1

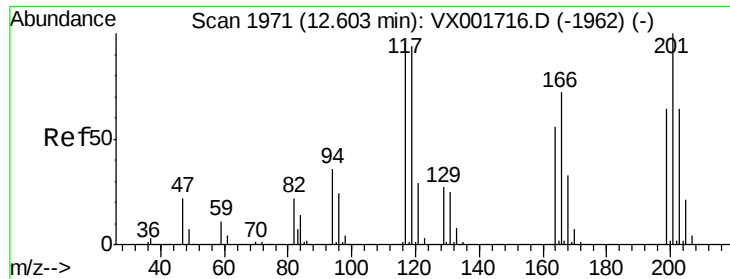


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

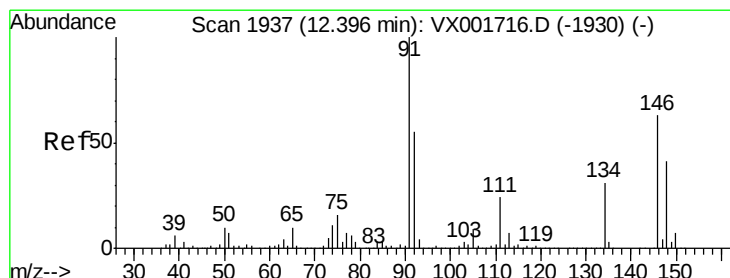
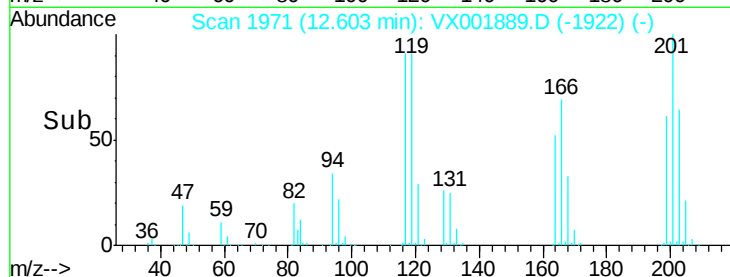
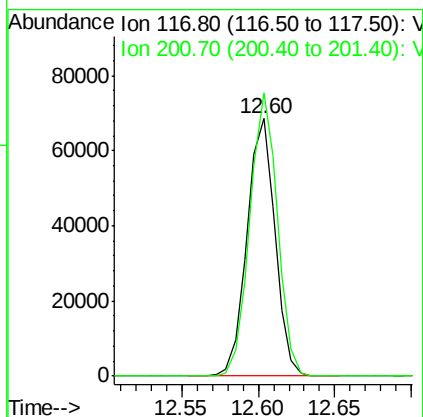
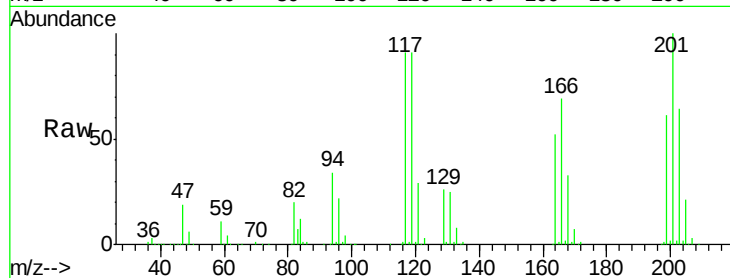




#90
Hexachloroethane
Concen: 75.66 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

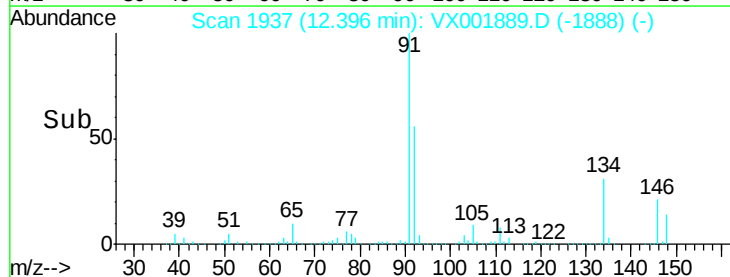
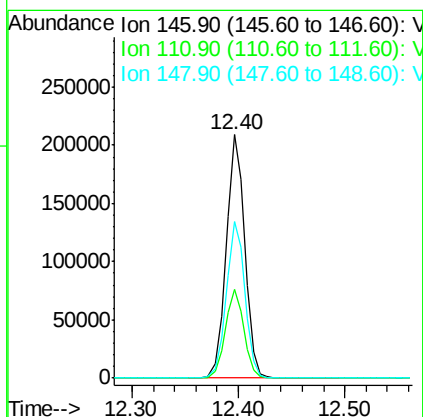
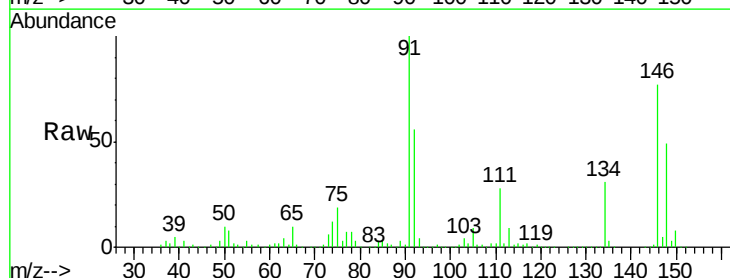
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

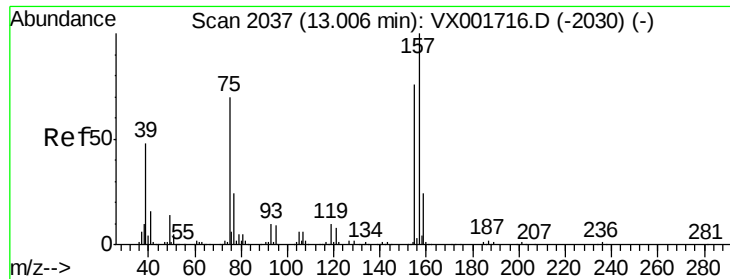
Tgt Ion:117 Resp: 86927
Ion Ratio Lower Upper
117 100
201 108.9 51.9 155.7



#91
1,2-Dichlorobenzene
Concen: 59.00 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001889.D
Acq: 21 May 2018 22:18

Tgt Ion:146 Resp: 253410
Ion Ratio Lower Upper
146 100
111 36.6 18.6 56.0
148 64.7 32.4 97.0

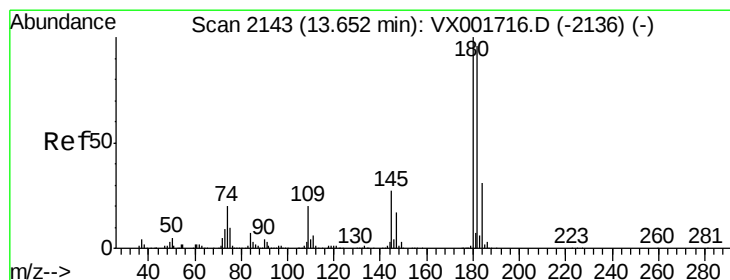
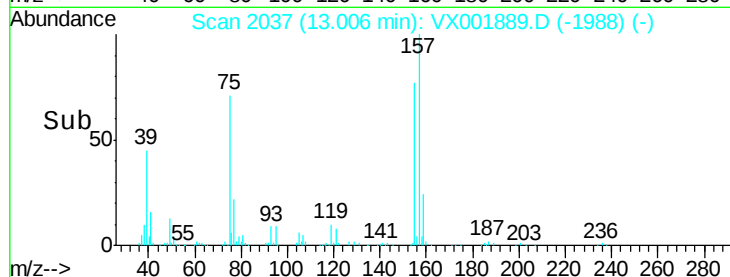
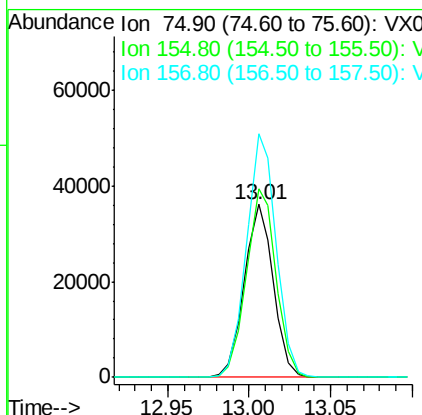
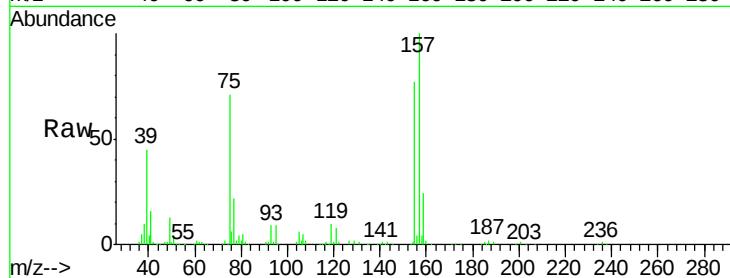




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 88.41 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

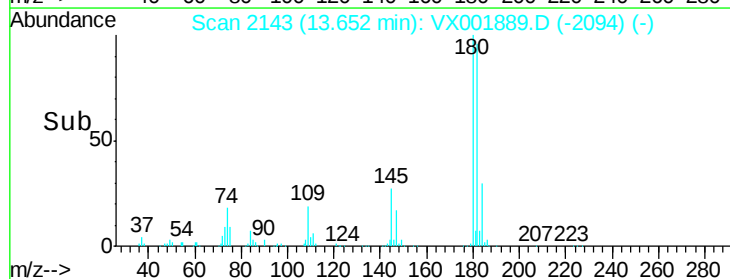
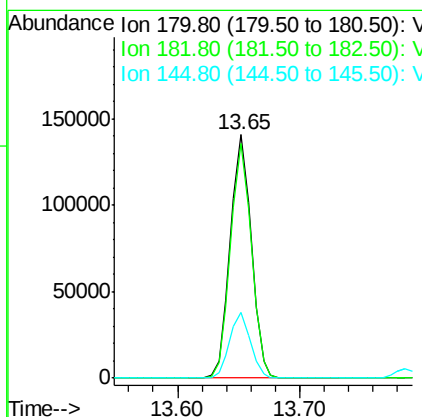
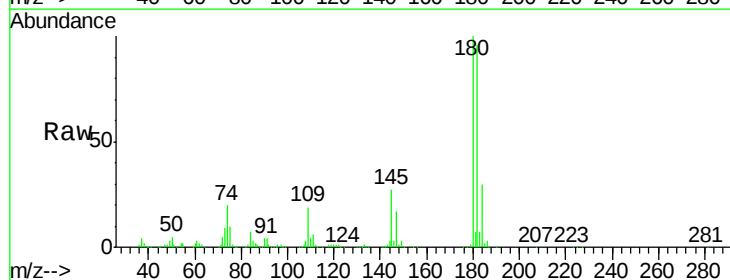
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

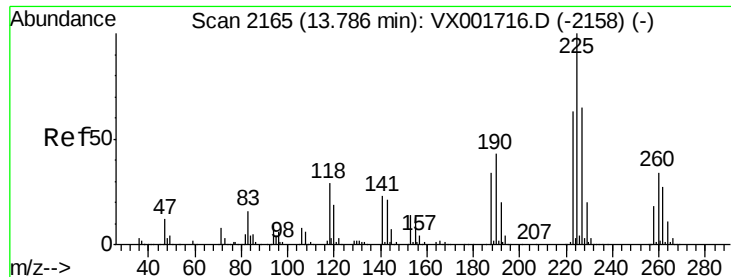
Tgt Ion: 75 Resp: 44902
 Ion Ratio Lower Upper
 75 100
 155 111.5 53.9 161.8
 157 143.0 71.0 213.2



#93
 1,2,4-Trichlorobenzene
 Concen: 48.78 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

Tgt Ion: 180 Resp: 167010
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.6 142.9
 145 26.8 13.4 40.1





#94

Hexachlorobutadiene

Concen: 55.85 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

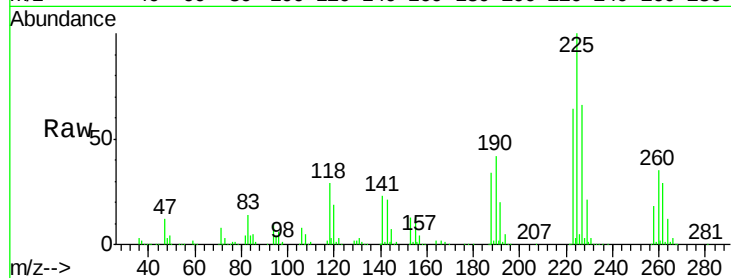
Tgt Ion:225 Resp: 102657

Ion Ratio Lower Upper

225 100

223 62.4 31.1 93.5

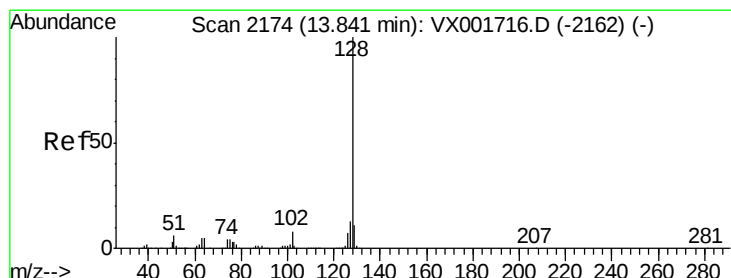
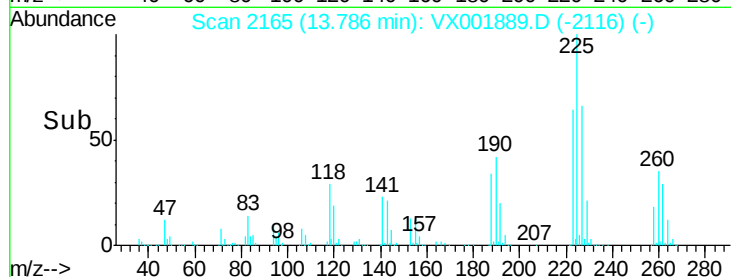
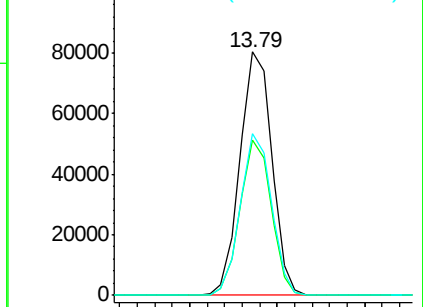
227 64.7 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 66.61 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001889.D

Acq: 21 May 2018 22:18

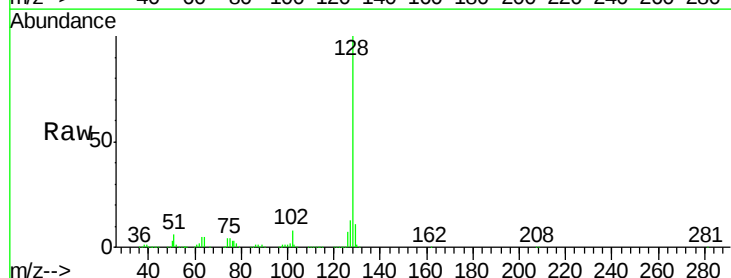
Tgt Ion:128 Resp: 592715

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

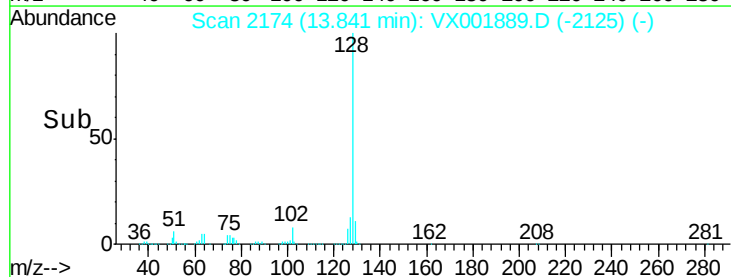
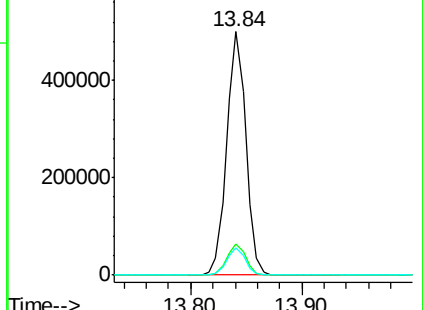
129 10.9 8.9 13.3

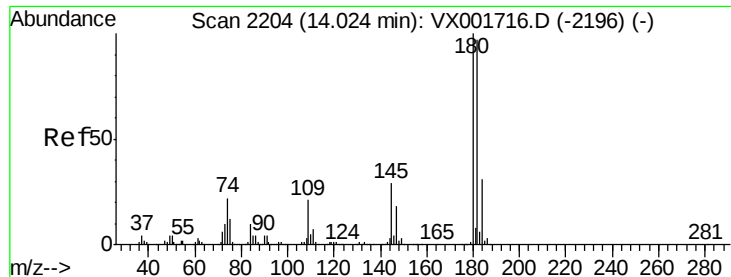


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

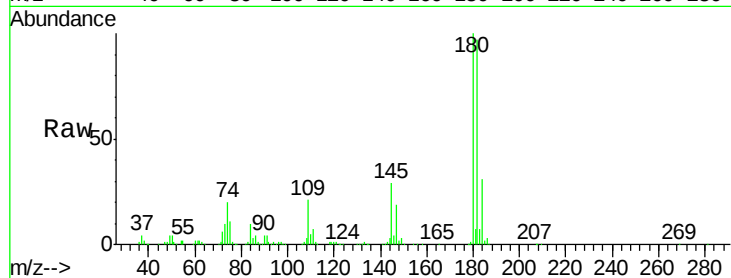




#96
 1,2,3-Trichlorobenzene
 Concen: 55.87 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX001889.D
 Acq: 21 May 2018 22:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.7
145	28.1	14.2	42.8



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

