

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007348.D
 Acq On : 01 Feb 2019 20:26
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 02 03:22:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	481838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	709379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	660344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	344599	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	251297	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	5.50	113	228967	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	8.71	98	860675	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.13	95	308622	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	303083	51.184	ug/l	97
3) Chloromethane	1.33	50	275183	50.704	ug/l	98
4) Vinyl Chloride	1.41	62	290497	54.561	ug/l	99
5) Bromomethane	1.64	94	285428	54.259	ug/l	99
6) Chloroethane	1.71	64	175450	50.940	ug/l	96
7) Trichlorofluoromethane	1.93	101	430313	51.665	ug/l	98
8) Diethyl Ether	2.19	74	155561	49.622	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	238996	48.240	ug/l	99
10) Methyl Iodide	2.51	142	375331	51.499	ug/l	100
11) Tert butyl alcohol	3.08	59	290002	273.997	ug/l	99
12) 1,1-Dichloroethene	2.37	96	227225	49.391	ug/l	98
13) Acrolein	2.30	56	176716	356.054	ug/l	99
14) Allyl chloride	2.73	41	388592	51.839	ug/l	99
15) Acrylonitrile	3.15	53	689013	263.153	ug/l	100
16) Acetone	2.45	43	595946	254.381	ug/l	99
17) Carbon Disulfide	2.57	76	616114	51.163	ug/l	100
18) Methyl Acetate	2.78	43	338983	55.469	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	759778	50.976	ug/l	98
20) Methylene Chloride	2.86	84	253720	53.046	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	243991	49.786	ug/l	98
22) Diisopropyl ether	3.87	45	701387	50.868	ug/l	97
23) Vinyl Acetate	3.82	43	2996172	261.856	ug/l	99
24) 1,1-Dichloroethane	3.70	63	387340	48.916	ug/l	99
25) 2-Butanone	4.70	43	870113	260.982	ug/l	98
26) 2,2-Dichloropropane	4.59	77	266247	44.151	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	258398	48.273	ug/l	98
28) Bromochloromethane	5.02	49	178809	49.104	ug/l	96
29) Tetrahydrofuran	5.15	42	566488	270.161	ug/l	100
30) Chloroform	5.21	83	409853	49.602	ug/l	100
31) Cyclohexane	5.57	56	348485	49.001	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	361361	51.811	ug/l	98
36) 1,1-Dichloropropene	5.80	75	303683	47.713	ug/l	99
37) Ethyl Acetate	4.85	43	326997	50.823	ug/l	99
38) Carbon Tetrachloride	5.78	117	314096	50.867	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	373987	48.565	ug/l	100
40) Benzene	6.14	78	926291	49.405	ug/l	99
41) Methacrylonitrile	5.06	41	182747	52.996	ug/l	98
42) 1,2-Dichloroethane	6.20	62	315468	48.631	ug/l	99
43) Isopropyl Acetate	6.46	43	522484	52.611	ug/l	99
44) Trichloroethene	7.21	130	271039	47.999	ug/l	96
45) 1,2-Dichloropropane	7.51	63	234539	49.928	ug/l	99
46) Dibromomethane	7.66	93	165427	48.452	ug/l	99
47) Bromodichloromethane	7.90	83	299354	51.735	ug/l	100
48) Methyl methacrylate	7.77	41	269348	54.222	ug/l	100
49) 1,4-Dioxane	7.75	88	123806	1095.264	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1737168	265.717	ug/l	100
52) Toluene	8.79	92	598455	49.473	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	328005	52.773	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	360205	52.700	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	246430	48.872	ug/l	98
56) Ethyl methacrylate	9.18	69	370718	53.083	ug/l	99
57) 1,3-Dichloropropane	9.37	76	400409	49.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	929508	252.515	ug/l	99
59) 2-Hexanone	9.49	43	1316668	258.810	ug/l	100
60) Dibromochloromethane	9.59	129	263026	55.155	ug/l	97
61) 1,2-Dibromoethane	9.67	107	271442	50.833	ug/l	99
64) Tetrachloroethene	9.34	164	278402	44.731	ug/l	98
65) Chlorobenzene	10.14	112	690535	47.921	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	248972	51.534	ug/l	98
67) Ethyl Benzene	10.25	91	1151006	49.601	ug/l	99
68) m/p-Xylenes	10.36	106	911394	98.802	ug/l	99
69) o-Xylene	10.70	106	439172	49.477	ug/l	98
70) Styrene	10.71	104	720010	50.017	ug/l	99
71) Bromoform	10.86	173	201931	47.844	ug/l #	100
73) Isopropylbenzene	11.02	105	1167966	49.876	ug/l	99
74) N-amyl acetate	10.90	43	469250	51.808	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	354717	49.703	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	414561	61.848	ug/l	77
77) Bromobenzene	11.26	156	316944	48.037	ug/l	97
78) n-propylbenzene	11.36	91	1318900	51.362	ug/l	99
79) 2-Chlorotoluene	11.42	91	764744	49.081	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	968923	50.575	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	99885	46.393	ug/l	96
82) 4-Chlorotoluene	11.51	91	895853	49.689	ug/l	99
83) tert-Butylbenzene	11.77	119	952409	50.212	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	985776	50.682	ug/l	99
85) sec-Butylbenzene	11.94	105	1163712	50.691	ug/l	100
86) p-Isopropyltoluene	12.06	119	1050175	50.676	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	564213	47.649	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	562849	46.852	ug/l	100
89) n-Butylbenzene	12.38	91	891784	50.024	ug/l	100
90) Hexachloroethane	12.60	117	164876	53.160	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	555587	47.147	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	78407	52.837	ug/l	99

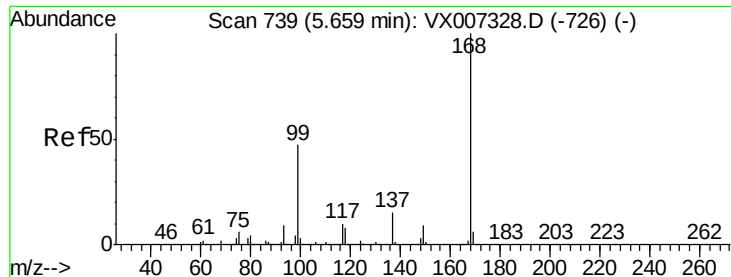
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	380600	47.891	ug/l	99
94) Hexachlorobutadiene	13.78	225	180863	46.869	ug/l	97
95) Naphthalene	13.83	128	1183686	50.933	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	382222	47.781	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

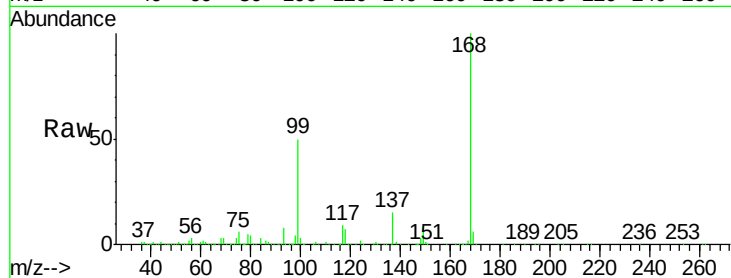
VSTDCCC050EC

Tot Ion:168 Resp: 481838

Ion Ratio Lower Upper

168 100

99 49.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

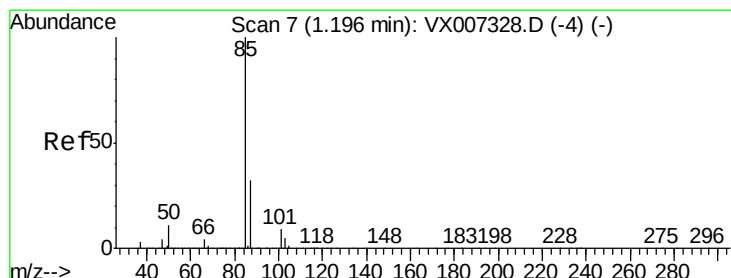
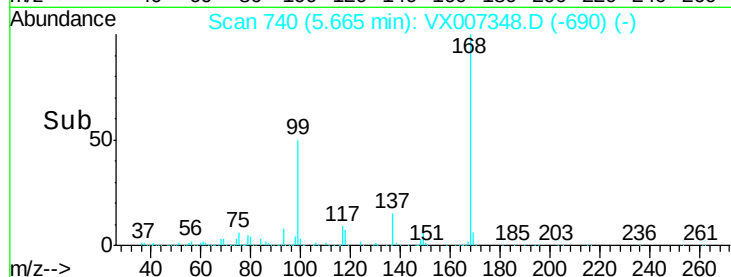
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.184 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007348.D

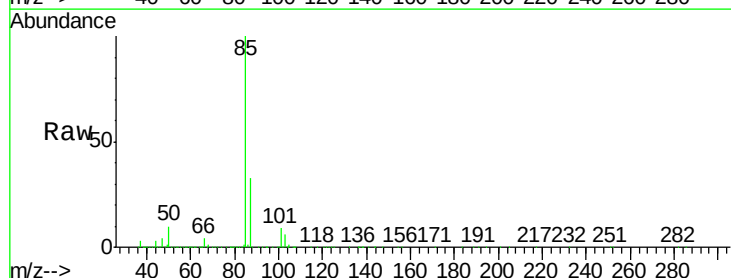
Acq: 01 Feb 2019 20:26

Tgt Ion: 85 Resp: 303083

Ion Ratio Lower Upper

85 100

87 33.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

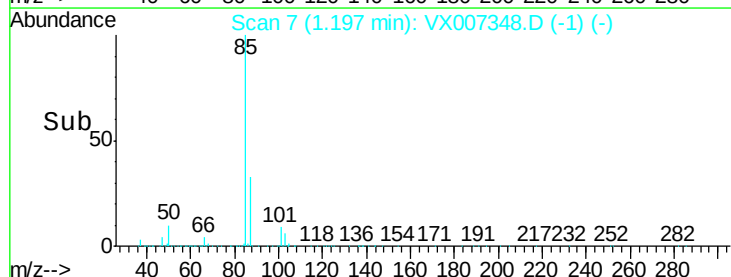
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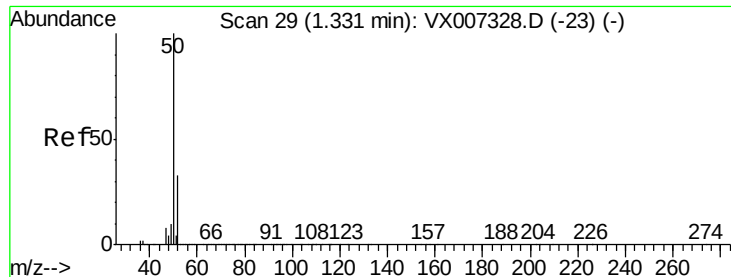
200000

100000

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Time-->





#3

Chloromethane

Concen: 50.704 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

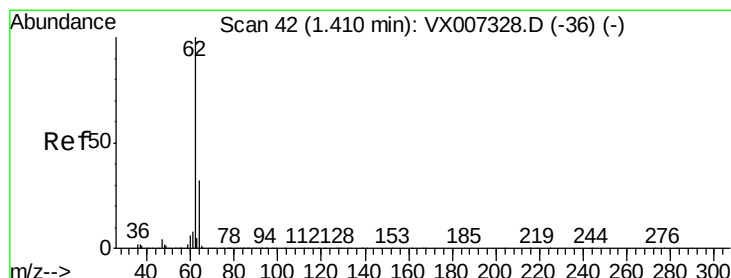
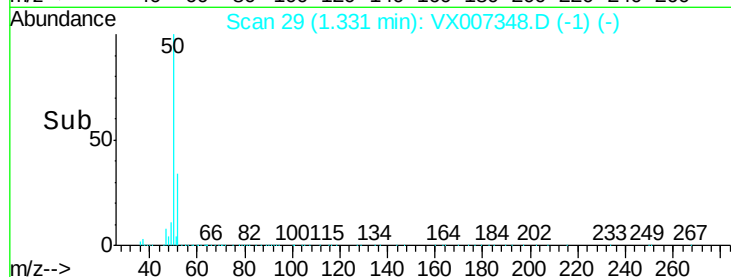
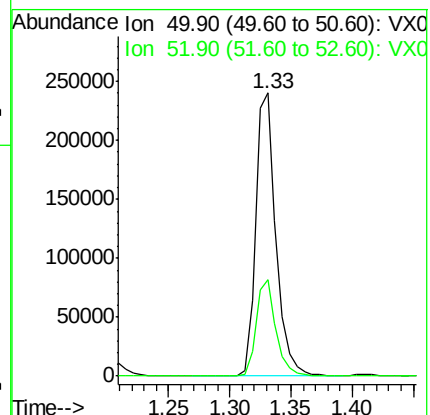
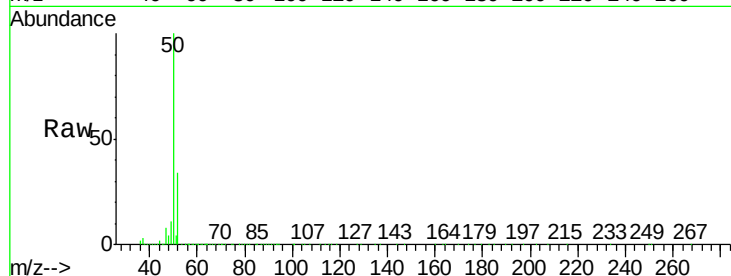
VSTDCCC050EC

Tot Ion: 50 Resp: 275183

Ion Ratio Lower Upper

50 100

52 34.0 26.1 39.1



#4

Vinyl Chloride

Concen: 54.561 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007348.D

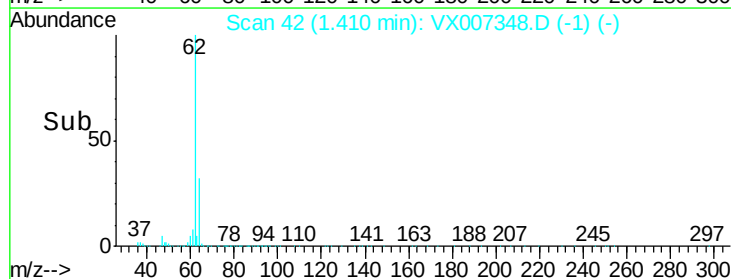
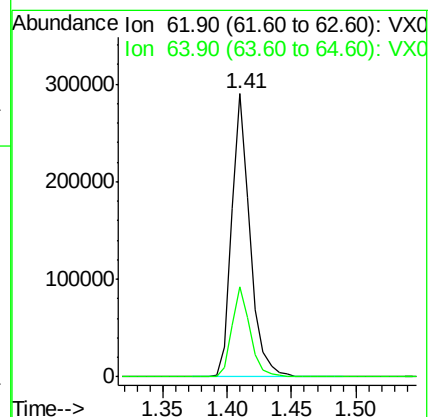
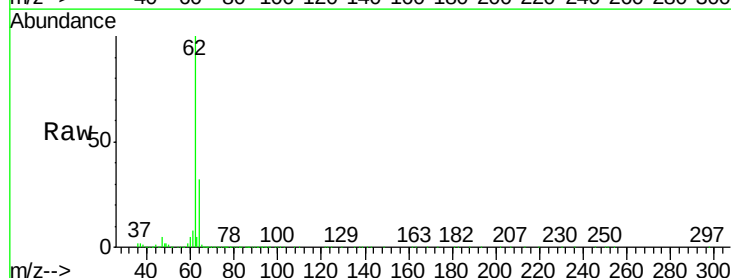
Acq: 01 Feb 2019 20:26

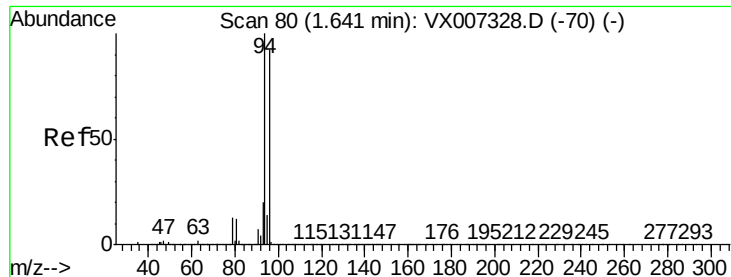
Tgt Ion: 62 Resp: 290497

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 54.259 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

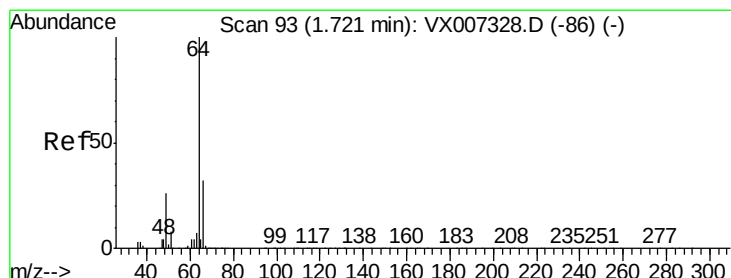
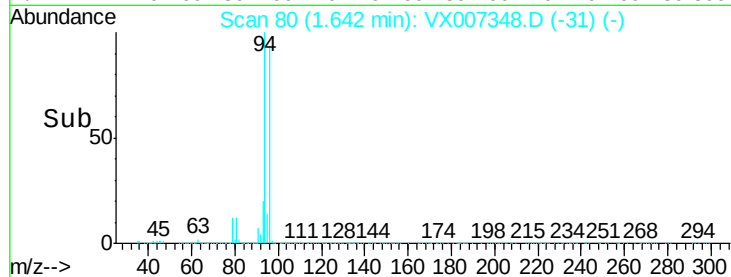
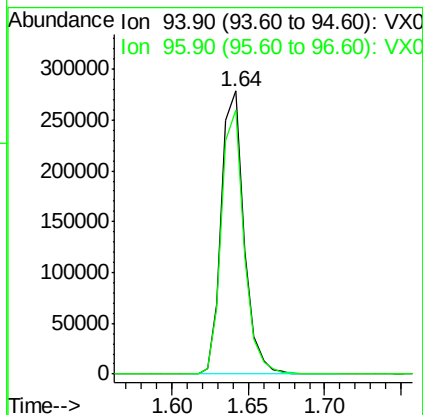
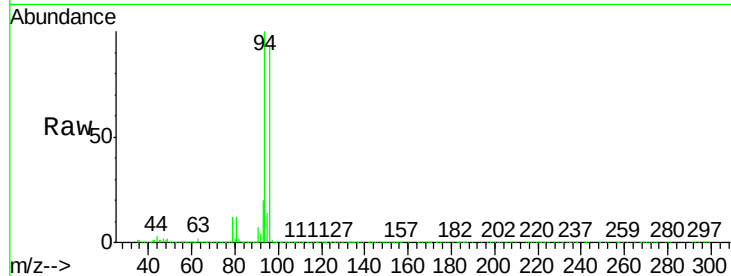
VSTDCCC050EC

Tot Ion: 94 Resp: 285428

Ion Ratio Lower Upper

94 100

96 93.2 73.9 110.9



#6

Chloroethane

Concen: 50.940 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007348.D

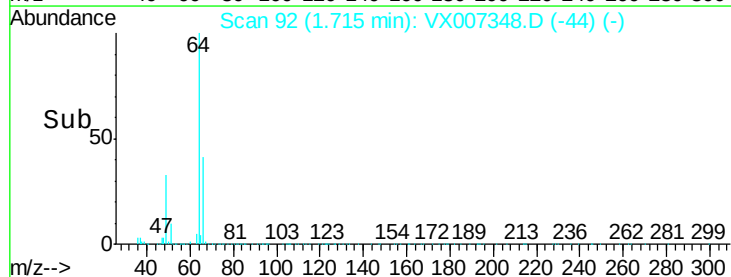
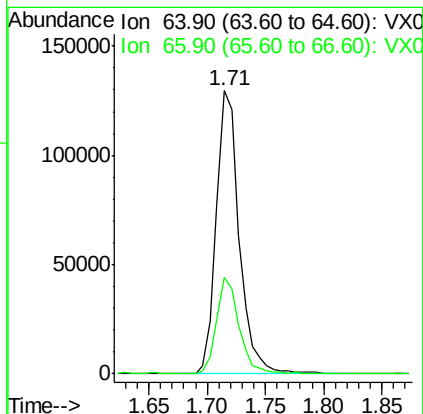
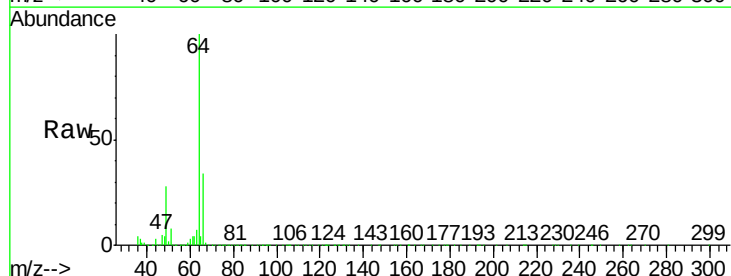
Acq: 01 Feb 2019 20:26

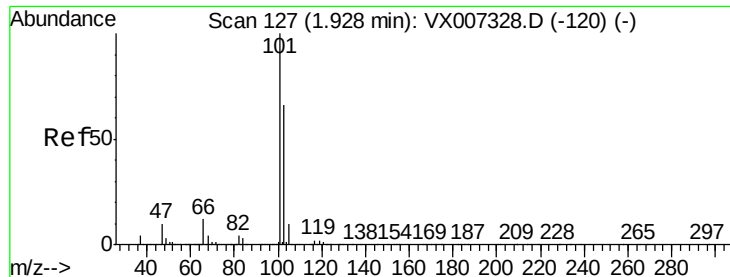
Tgt Ion: 64 Resp: 175450

Ion Ratio Lower Upper

64 100

66 33.9 25.5 38.3



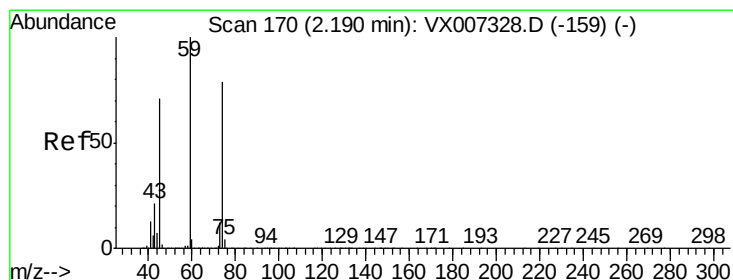
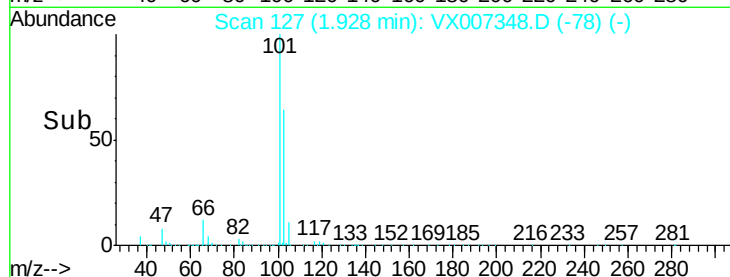
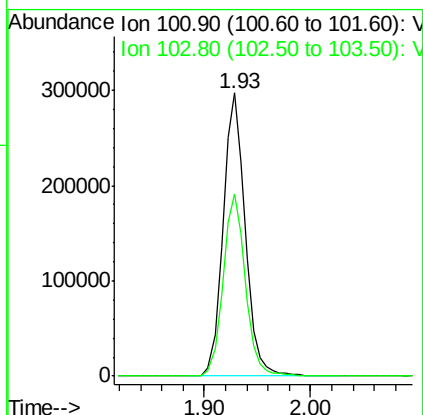
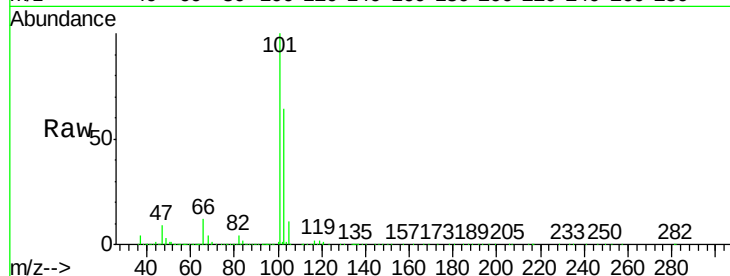


#7

Trichlorofluoromethane
Concen: 51.665 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

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MSVOA_X
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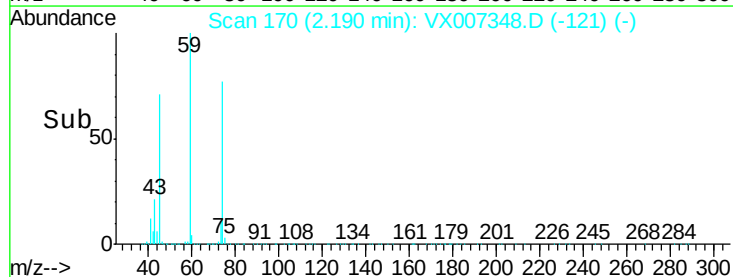
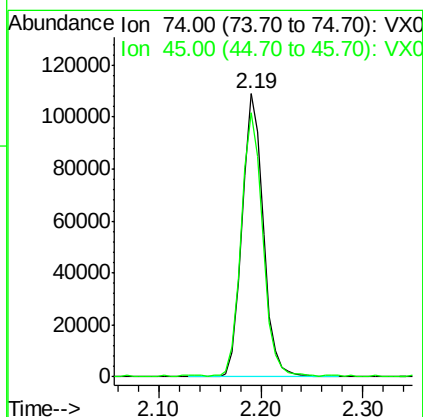
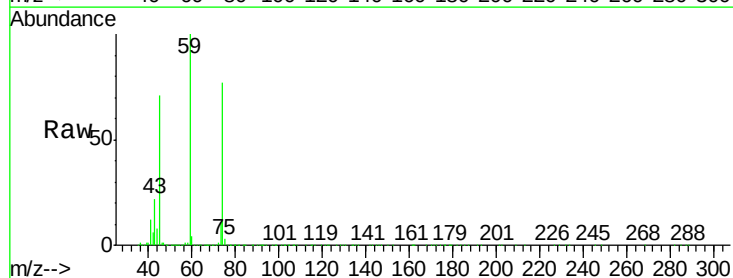
Tot Ion:101 Resp: 430313
Ion Ratio Lower Upper
101 100
103 64.2 52.6 79.0

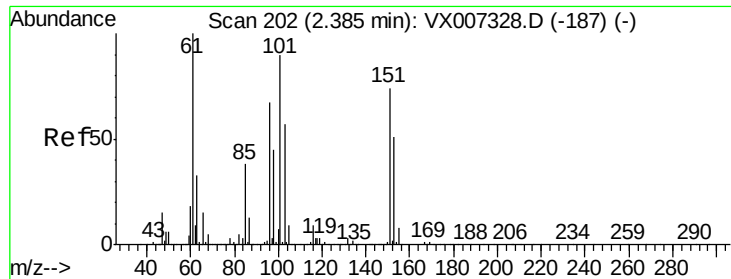


#8

Diethyl Ether
Concen: 49.622 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion: 74 Resp: 155561
Ion Ratio Lower Upper
74 100
45 94.2 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.240 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

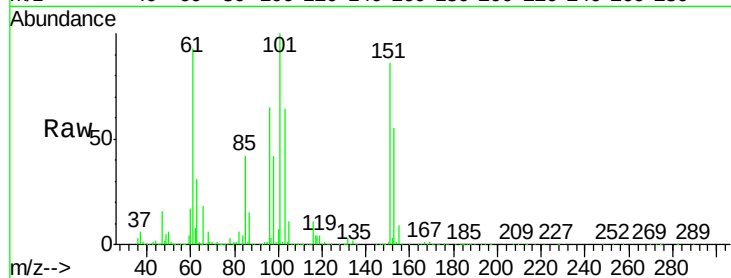
Tot Ion:101 Resp: 238996

Ion Ratio Lower Upper

101 100

85 43.9 34.1 51.1

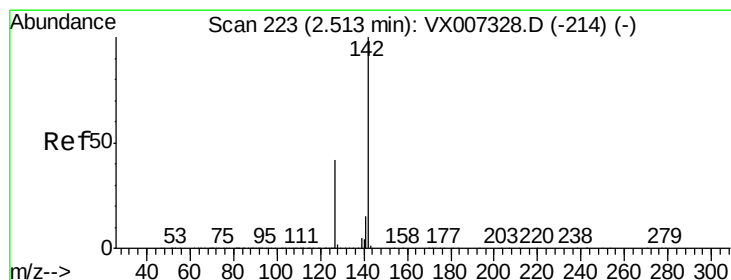
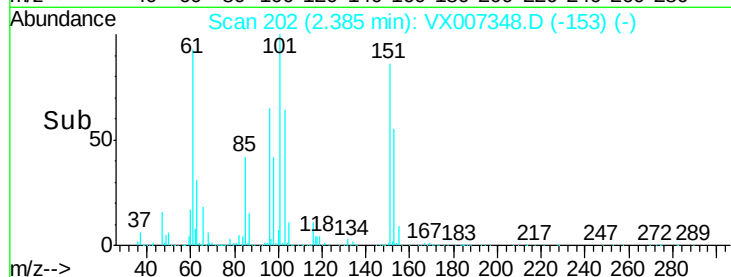
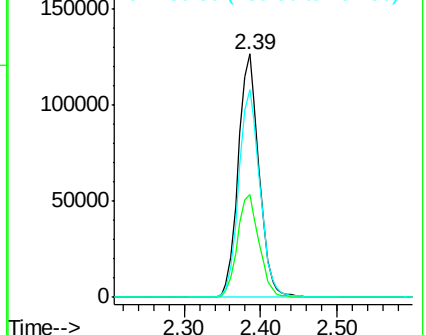
151 87.2 69.9 104.9



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: 51.499 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

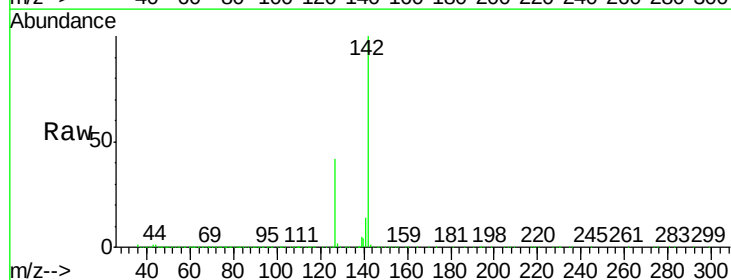
Tgt Ion:142 Resp: 375331

Ion Ratio Lower Upper

142 100

127 42.3 33.7 50.5

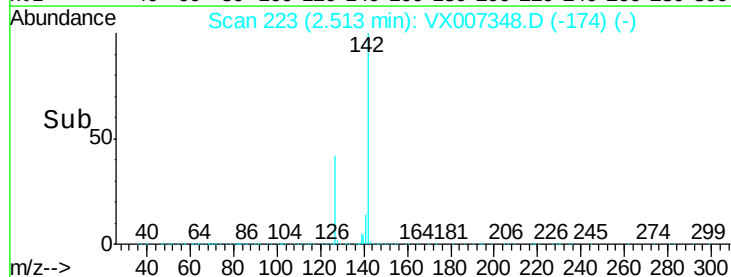
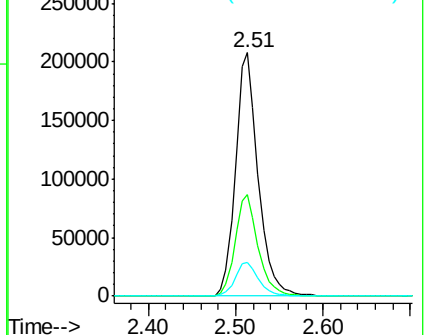
141 14.4 11.3 16.9

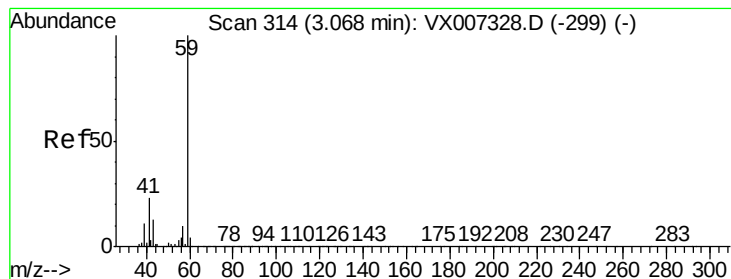


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



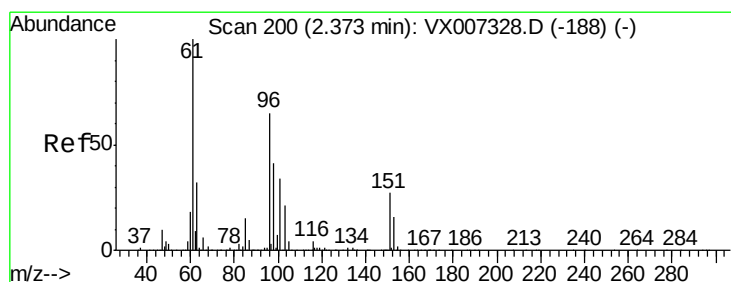
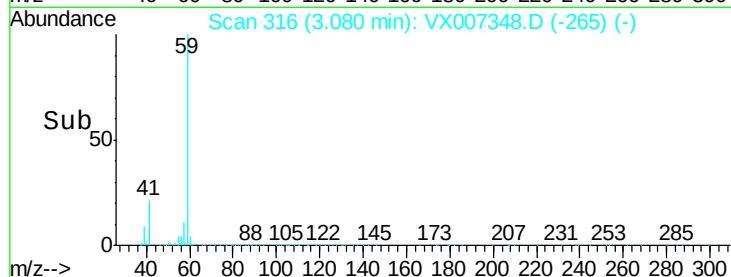
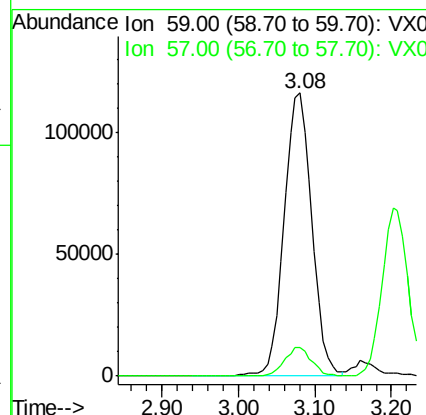
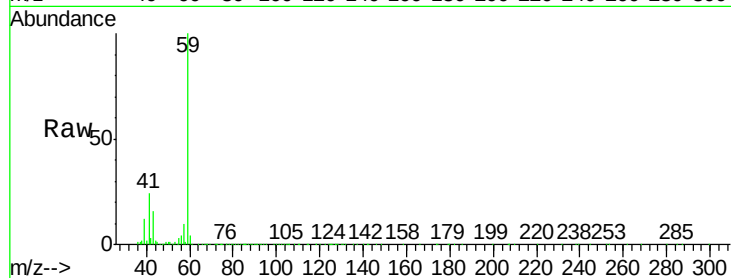


#11

Tert butyl alcohol
Concen: 273.997 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

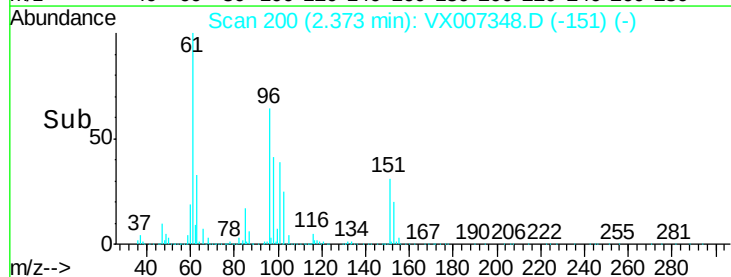
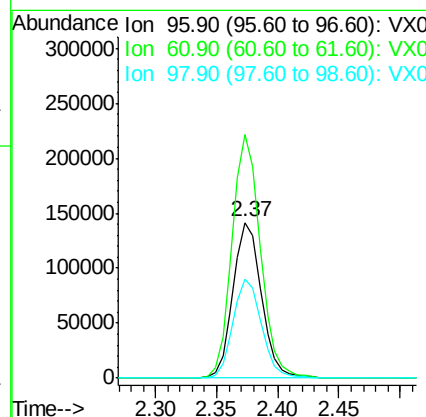
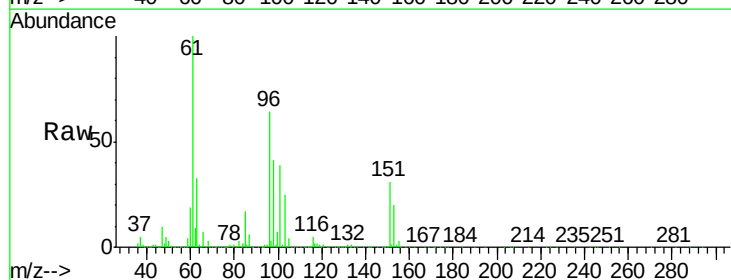
Tot Ion: 59 Resp: 290002
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

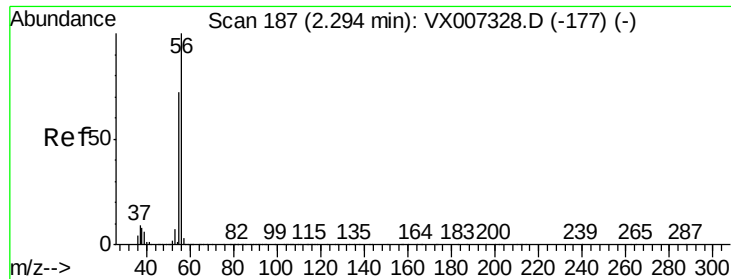


#12

1,1-Dichloroethene
Concen: 49.391 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion: 96 Resp: 227225
Ion Ratio Lower Upper
96 100
61 156.4 123.0 184.4
98 64.0 50.9 76.3

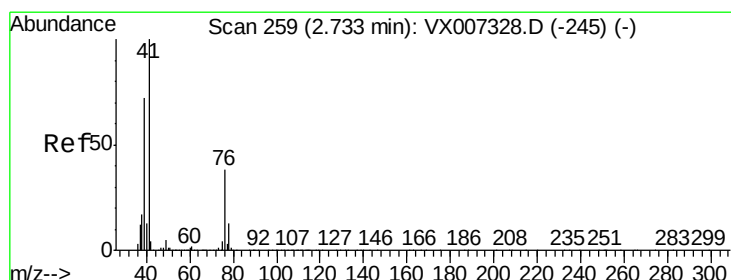
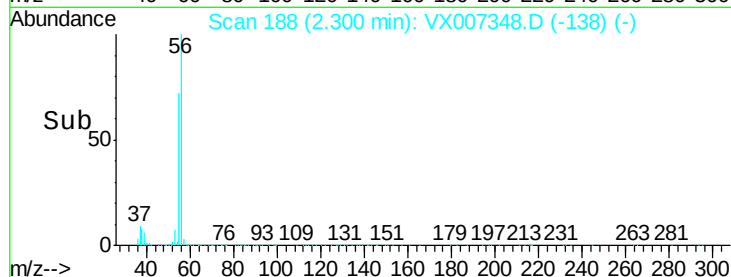
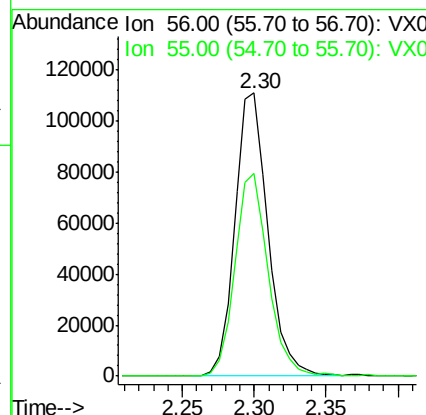
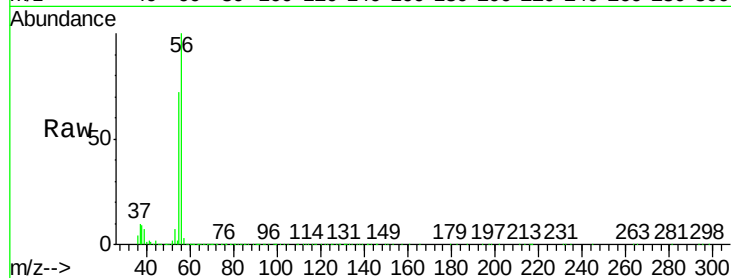




#13
Acrolein
Concen: 356.054 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

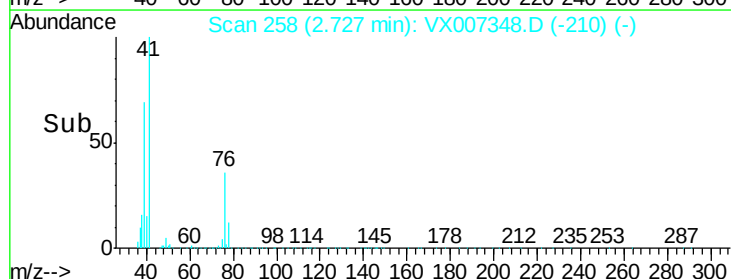
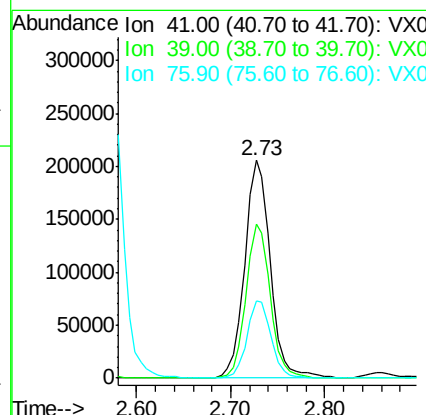
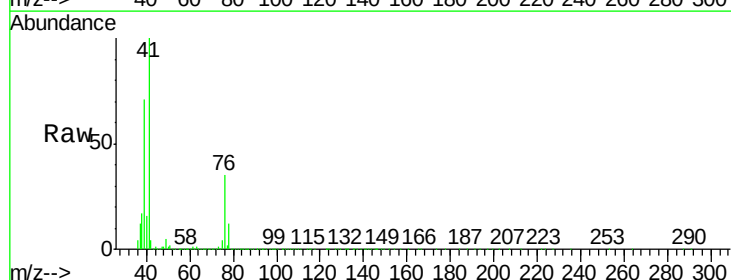
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

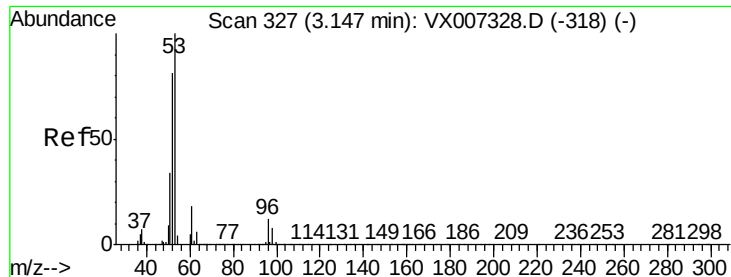
Tot Ion: 56 Resp: 176716
Ion Ratio Lower Upper
56 100
55 72.3 56.9 85.3



#14
Allyl chloride
Concen: 51.839 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion: 41 Resp: 388592
Ion Ratio Lower Upper
41 100
39 67.6 54.1 81.1
76 33.3 27.8 41.8





#15

Acrylonitrile

Concen: 263.153 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

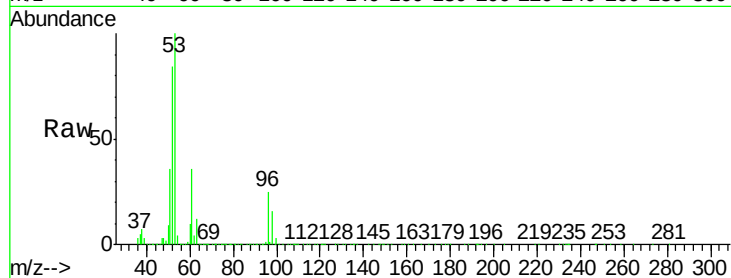
Tot Ion: 53 Resp: 689013

Ion Ratio Lower Upper

53 100

52 83.4 66.4 99.6

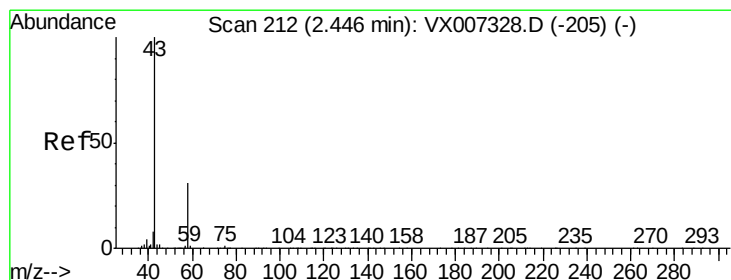
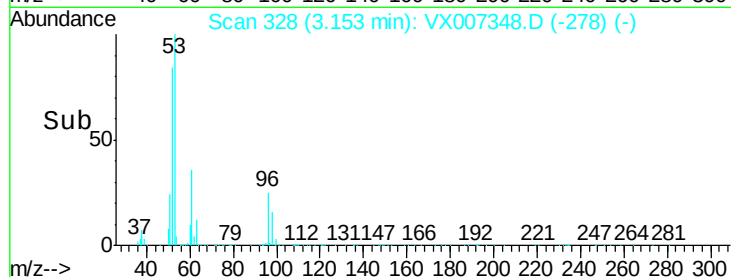
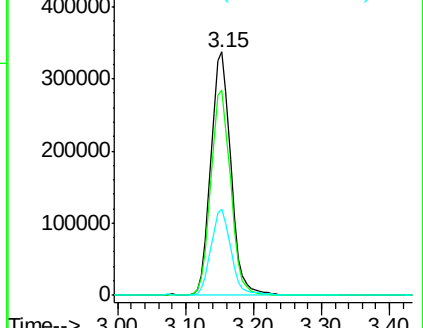
51 35.6 28.4 42.6



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: 254.381 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007348.D

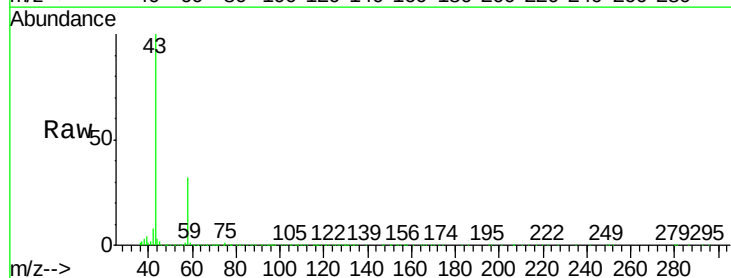
Acq: 01 Feb 2019 20:26

Tgt Ion: 43 Resp: 595946

Ion Ratio Lower Upper

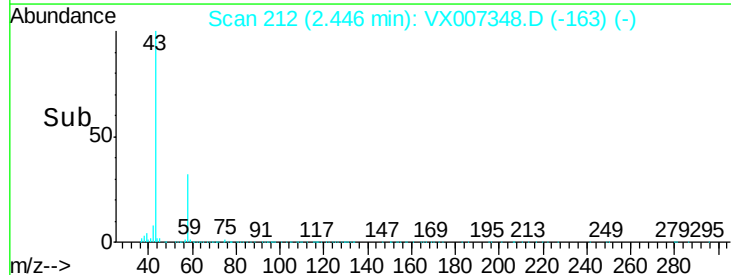
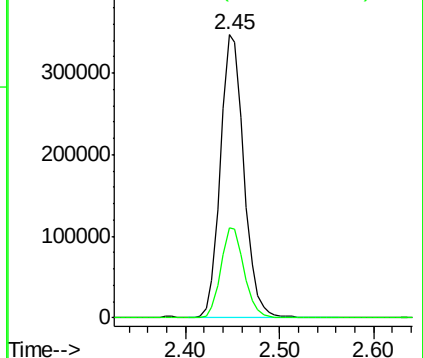
43 100

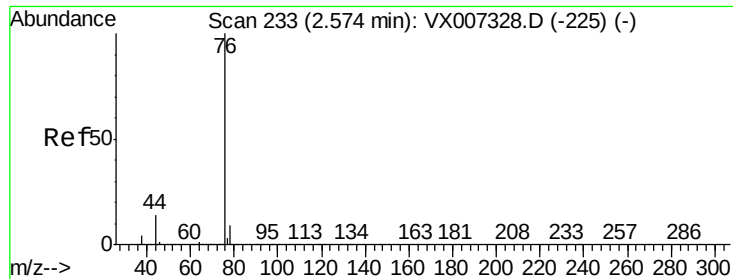
58 31.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 51.163 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

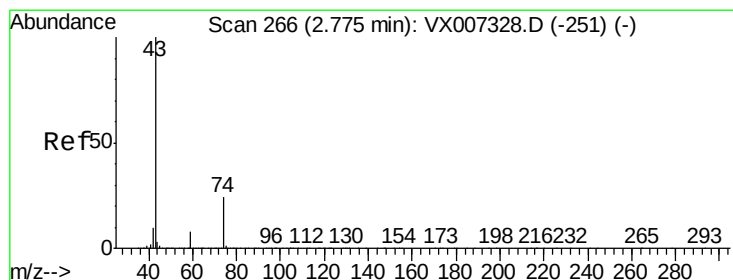
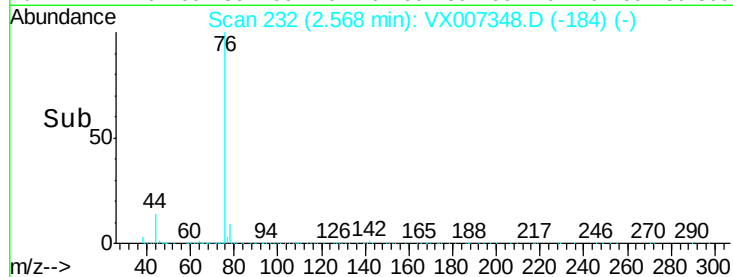
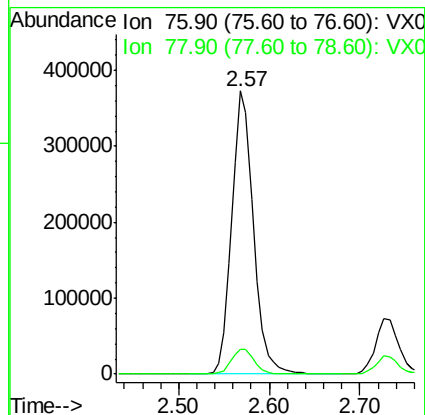
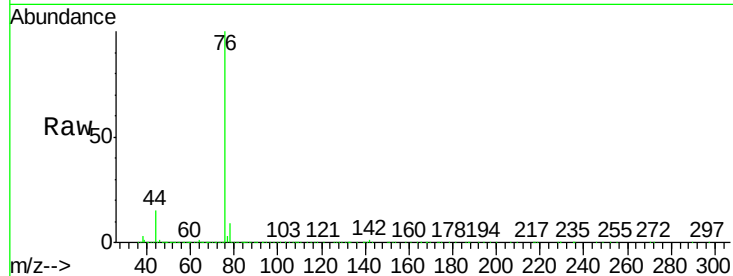
VSTDCCC050EC

Tot Ion: 76 Resp: 616114

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 55.469 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007348.D

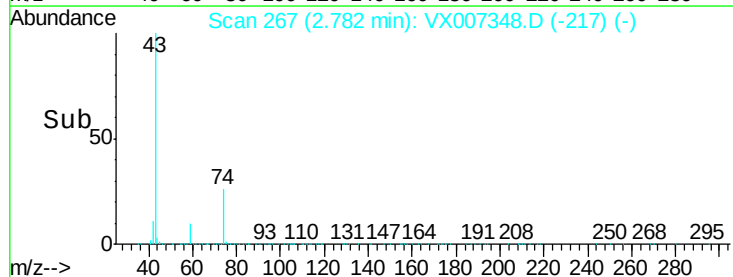
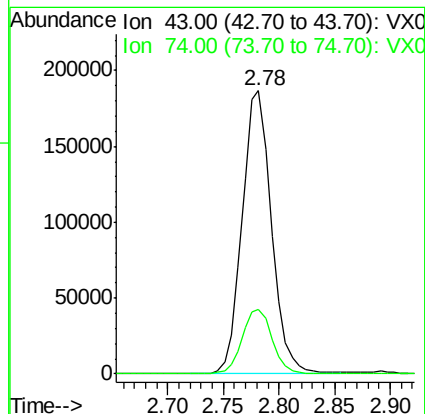
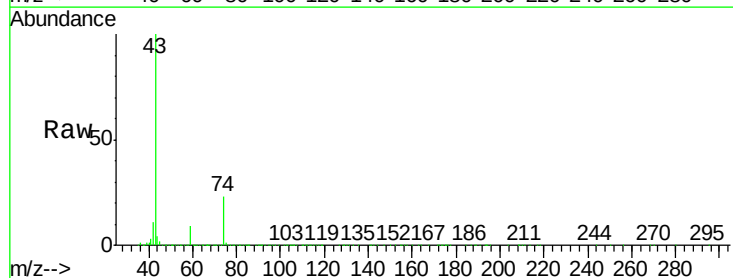
Acq: 01 Feb 2019 20:26

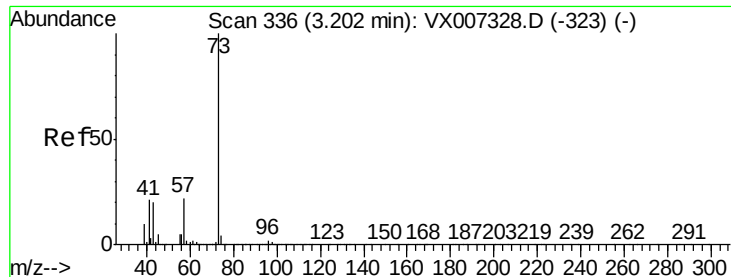
Tgt Ion: 43 Resp: 338983

Ion Ratio Lower Upper

43 100

74 23.7 19.4 29.2



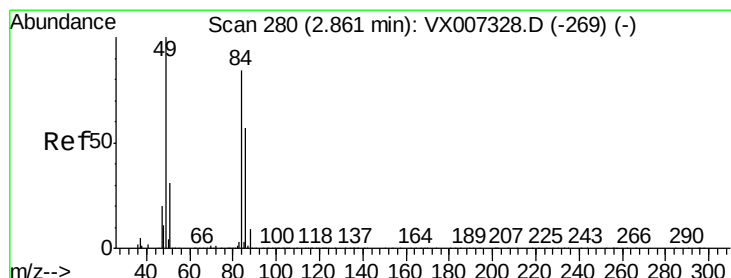
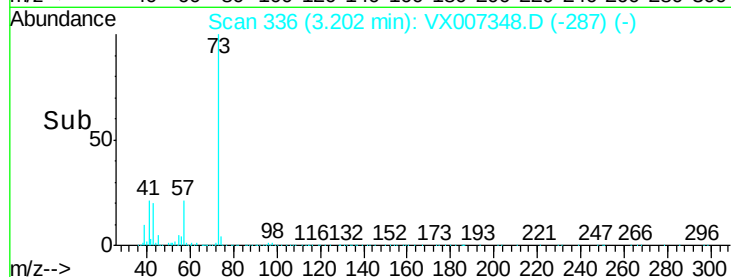
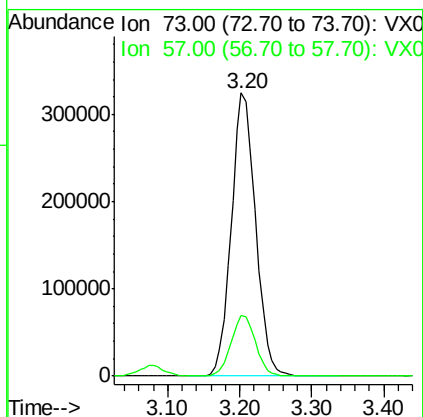
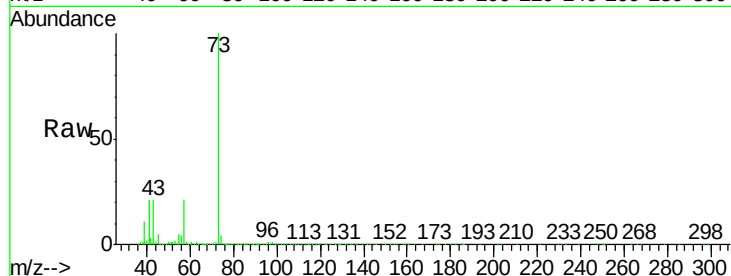


#19

Methyl tert-butyl Ether
 Concen: 50.976 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

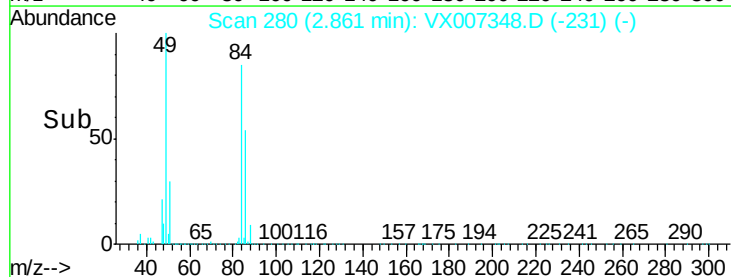
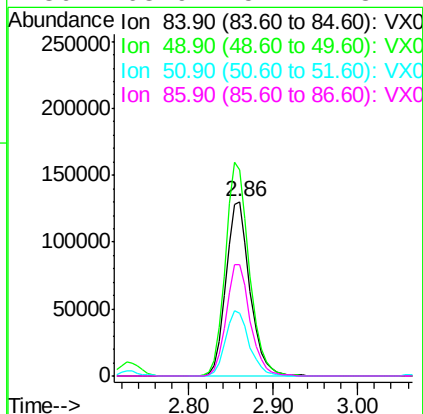
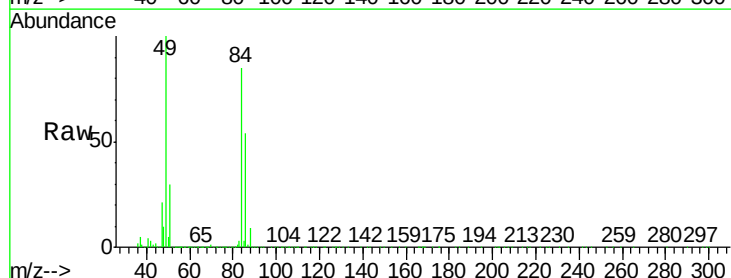
Tot Ion: 73 Resp: 759778
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.8 26.8

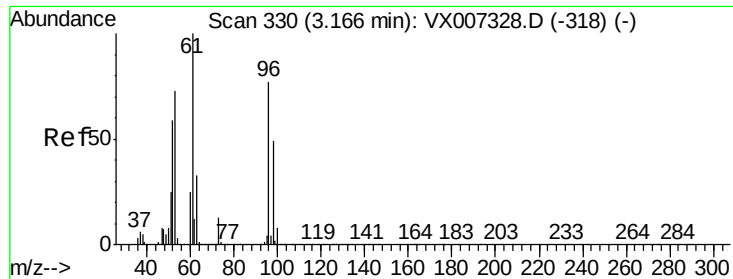


#20

Methylene Chloride
 Concen: 53.046 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Tgt Ion: 84 Resp: 253720
 Ion Ratio Lower Upper
 84 100
 49 118.2 94.8 142.2
 51 35.8 29.8 44.8
 86 63.9 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 49.786 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

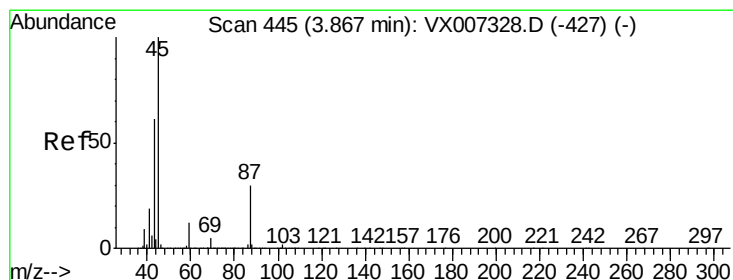
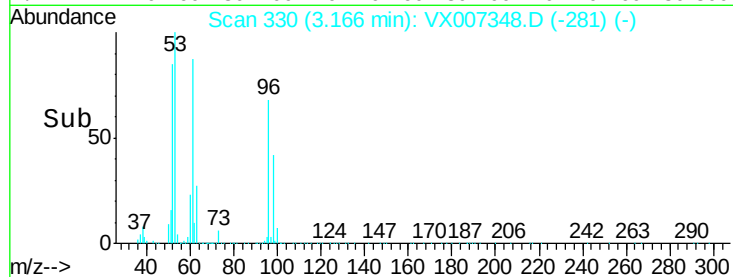
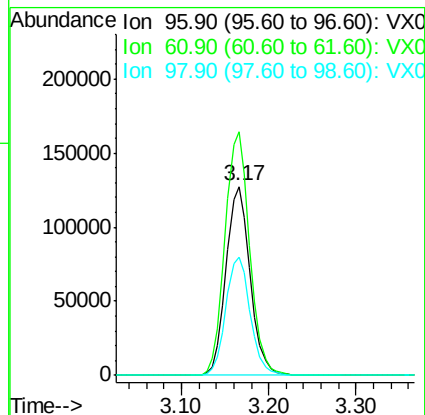
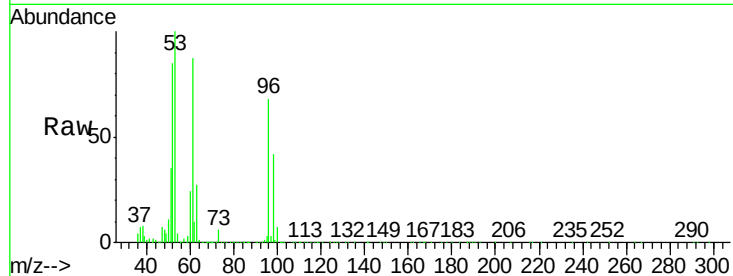
Tot Ion: 96 Resp: 243991

Ion Ratio Lower Upper

96 100

61 128.9 104.6 156.8

98 62.5 51.0 76.4



#22

Diisopropyl ether

Concen: 50.868 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Tgt Ion: 45 Resp: 701387

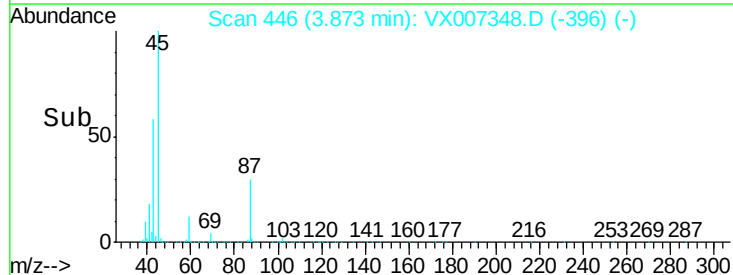
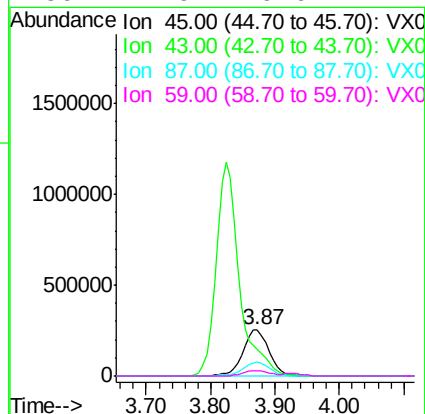
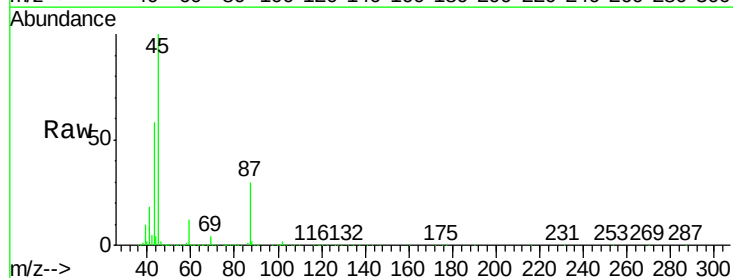
Ion Ratio Lower Upper

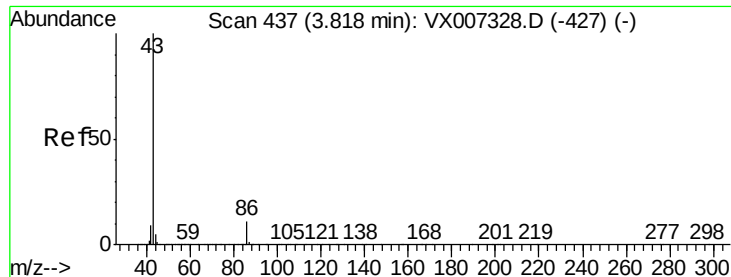
45 100

43 57.4 48.9 73.3

87 30.1 23.9 35.9

59 11.9 9.6 14.4





#23

Vinyl Acetate

Concen: 261.856 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

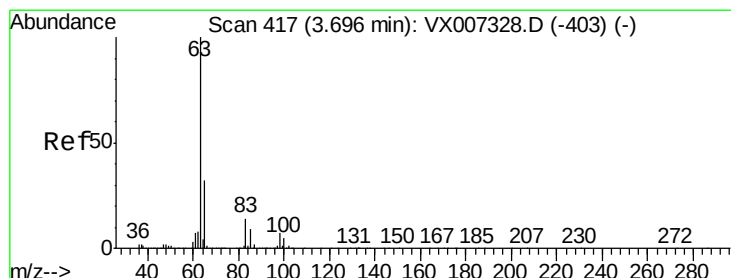
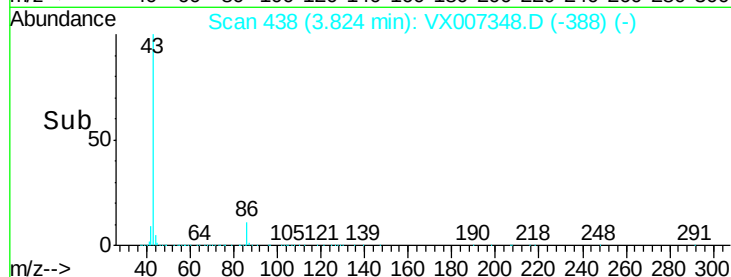
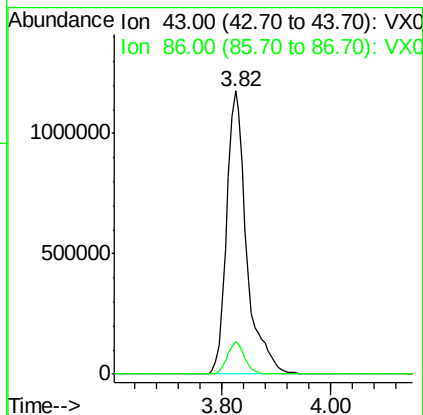
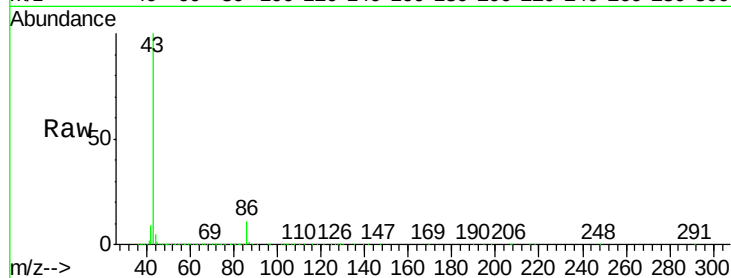
VSTDCCC050EC

Tot Ion: 43 Resp: 2996172

Ion Ratio Lower Upper

43 100

86 11.3 8.7 13.1



#24

1,1-Dichloroethane

Concen: 48.916 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

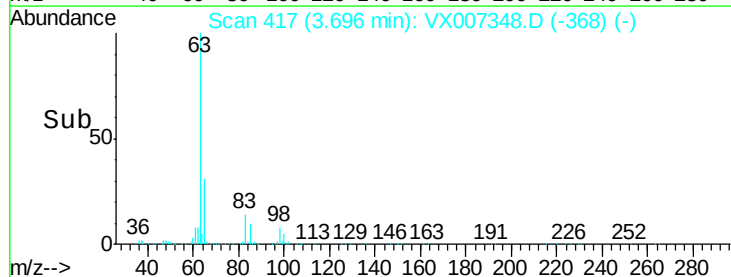
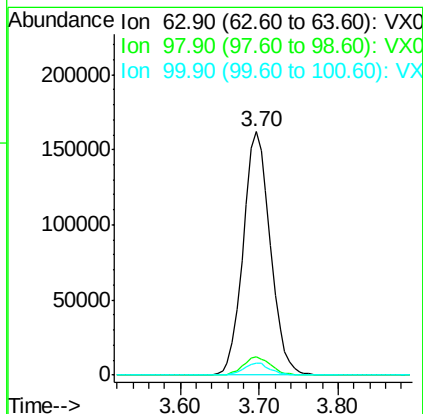
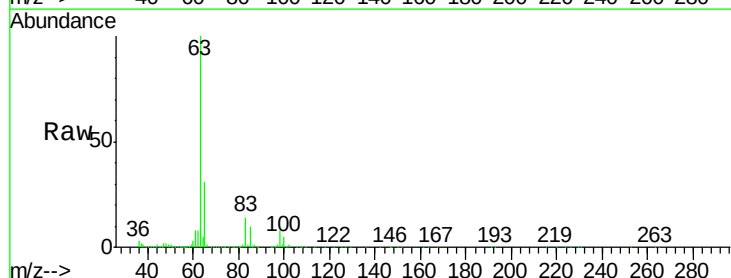
Tgt Ion: 63 Resp: 387340

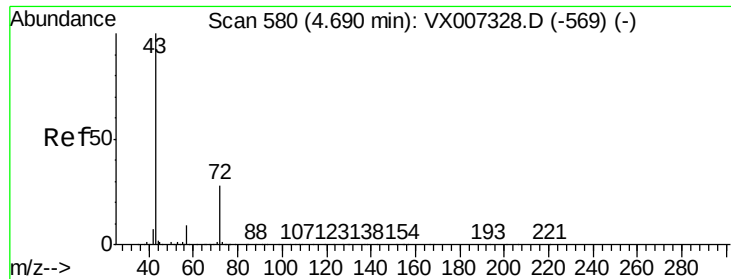
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 260.982 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

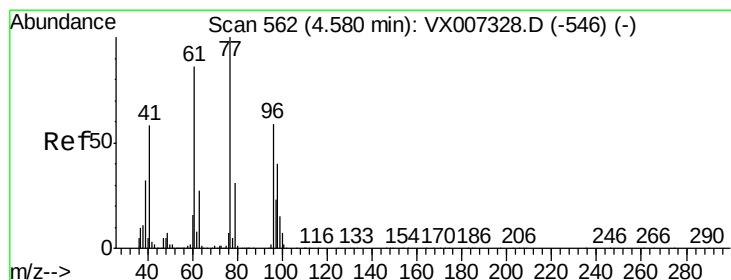
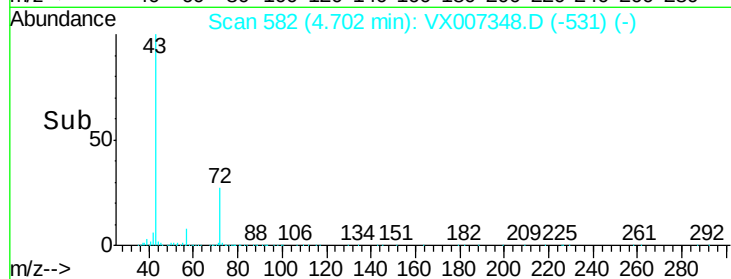
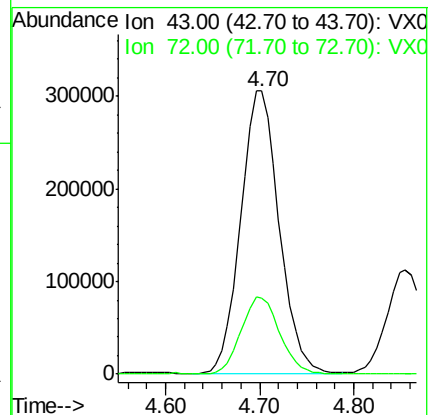
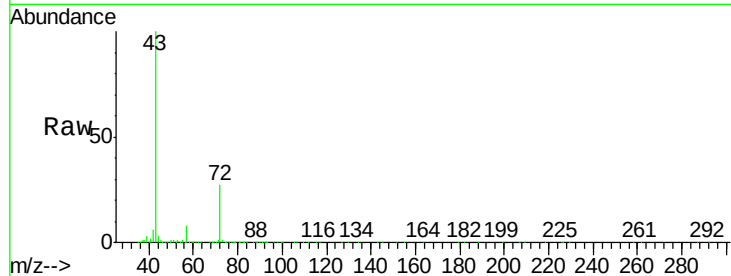
VSTDCCC050EC

Tot Ion: 43 Resp: 870113

Ion Ratio Lower Upper

43 100

72 26.8 22.2 33.2



#26

2,2-Dichloropropane

Concen: 44.151 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007348.D

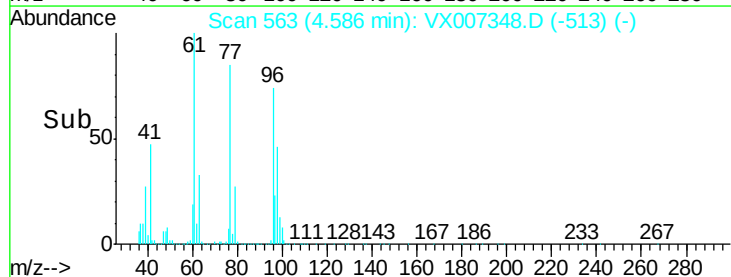
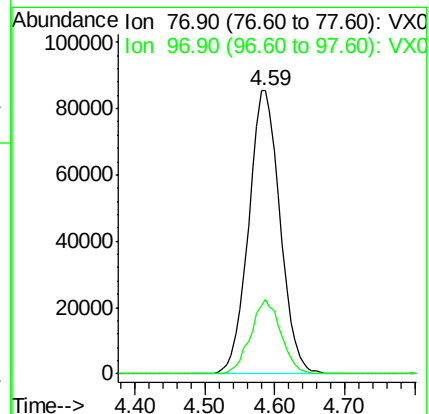
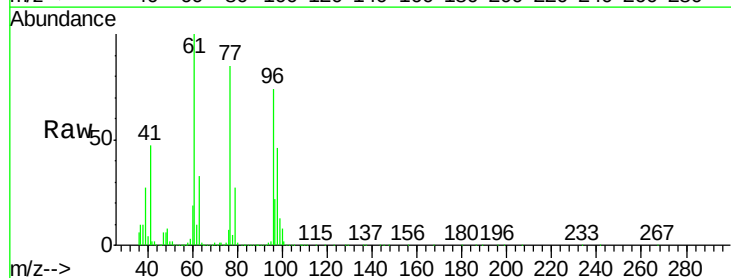
Acq: 01 Feb 2019 20:26

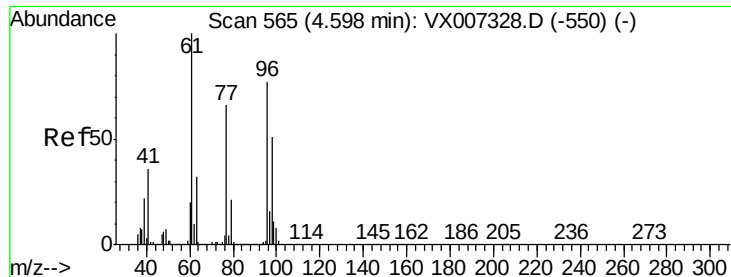
Tgt Ion: 77 Resp: 266247

Ion Ratio Lower Upper

77 100

97 25.4 12.1 36.3



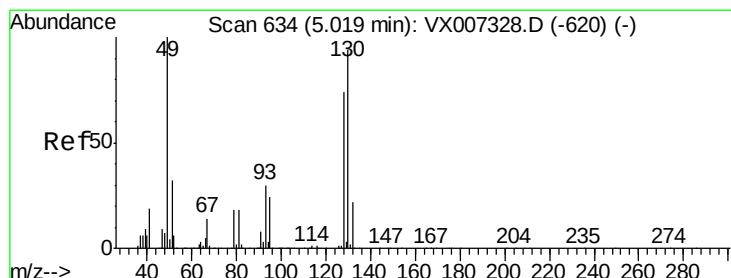
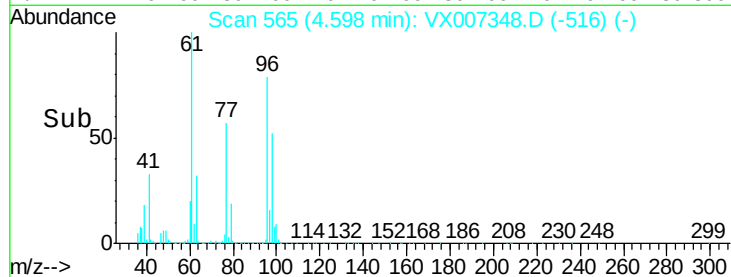
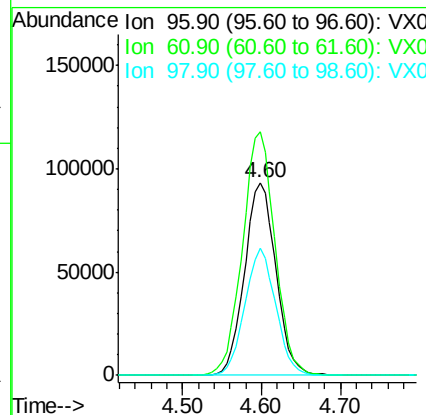
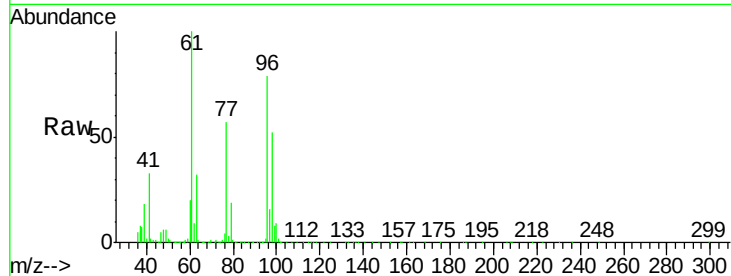


#27

cis-1,2-Dichloroethene
Concen: 48.273 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

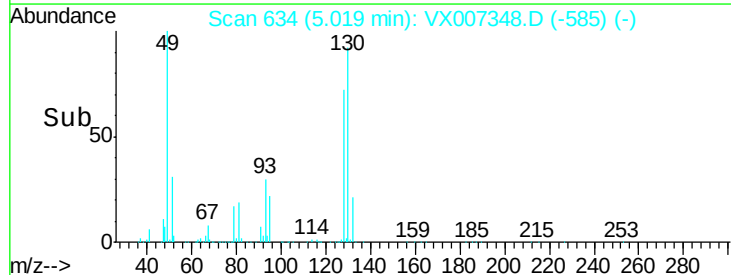
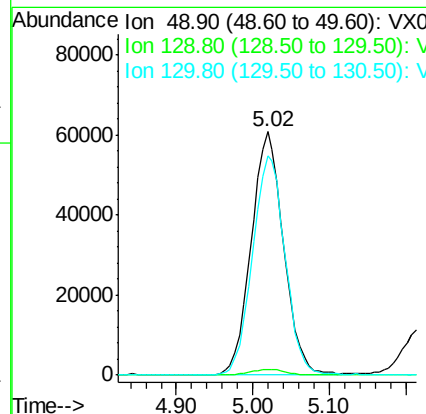
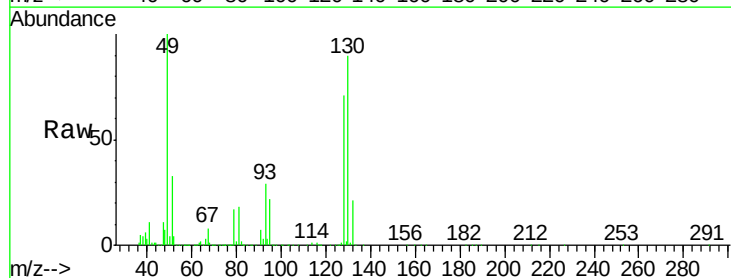
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	265.6
98	64.5	0.0	131.6

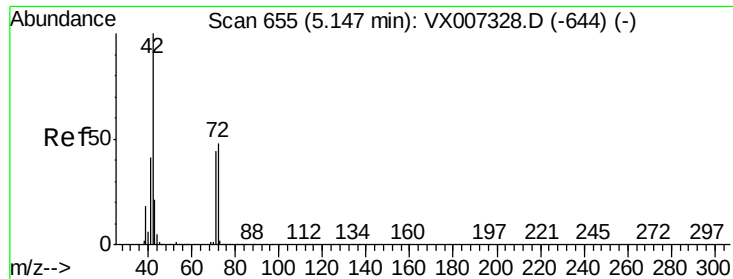


#28

Bromochloromethane
Concen: 49.104 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	90.8	75.6	113.4

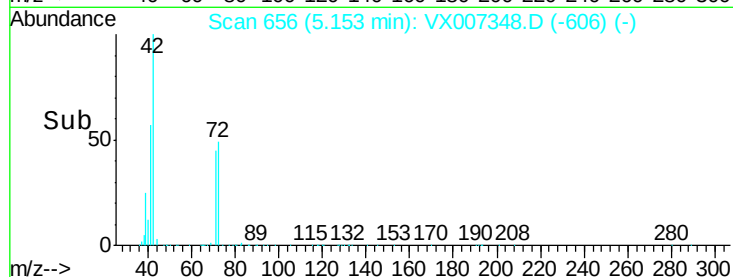
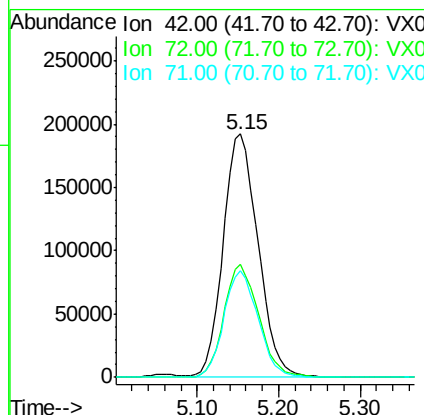
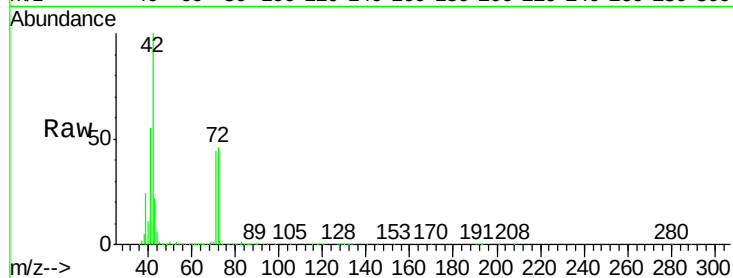




#29
Tetrahydrofuran
Concen: 270.161 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

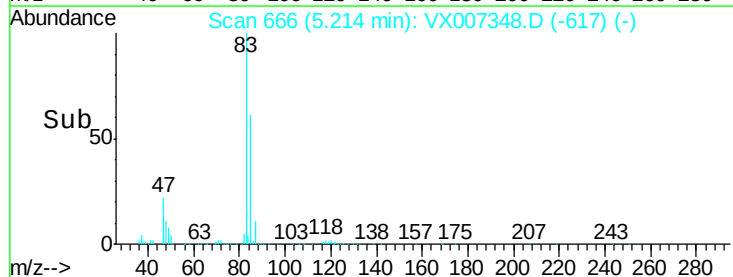
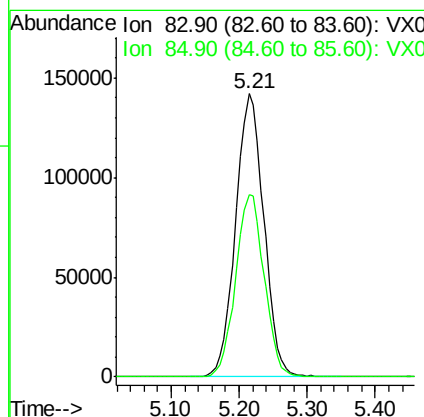
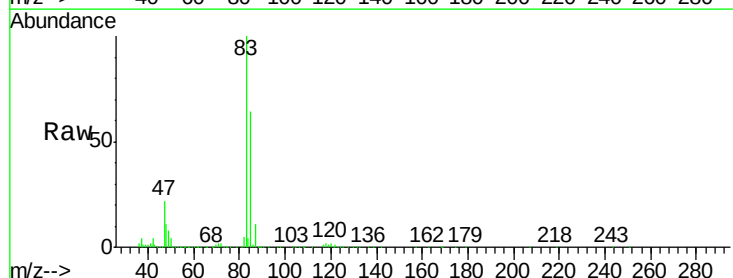
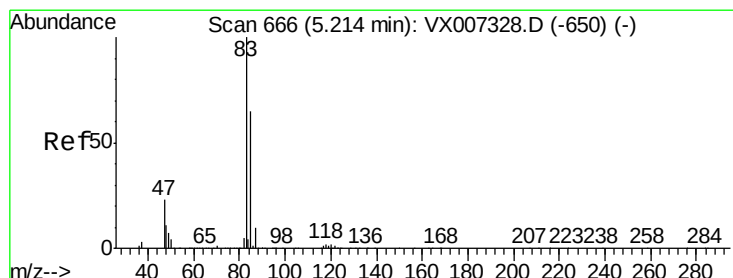
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

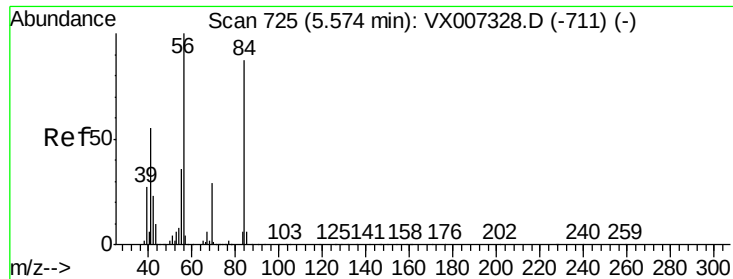
Tot Ion: 42 Resp: 566488
Ion Ratio Lower Upper
42 100
72 46.6 37.6 56.4
71 43.4 34.6 51.8



#30
Chloroform
Concen: 49.602 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion: 83 Resp: 409853
Ion Ratio Lower Upper
83 100
85 64.3 51.6 77.4

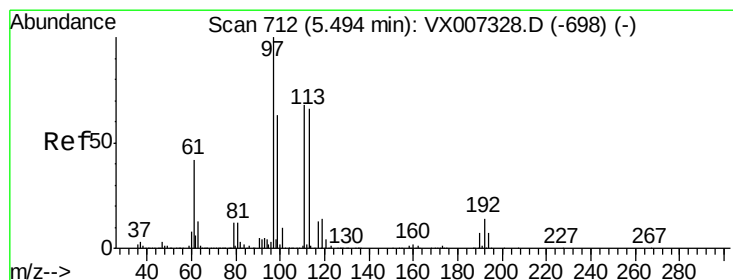
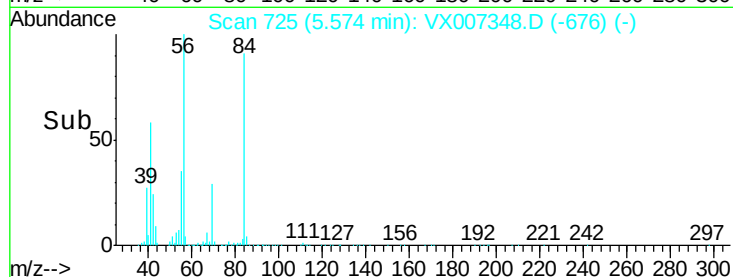
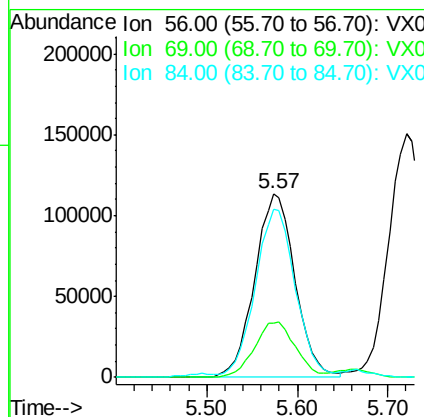
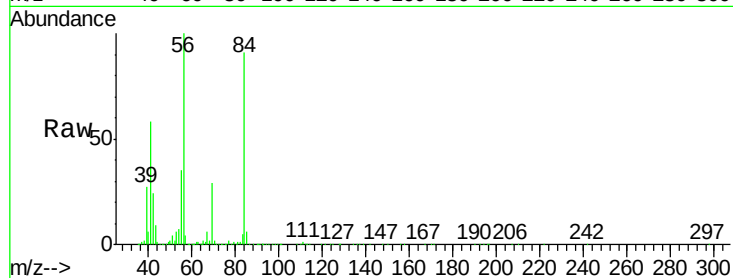




#31
Cyclohexane
Concen: 49.001 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

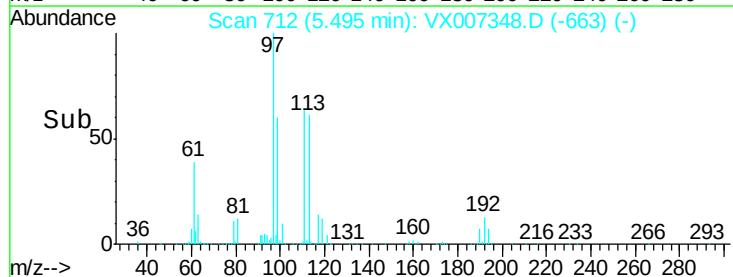
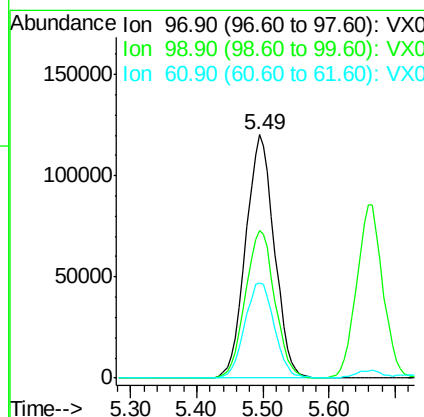
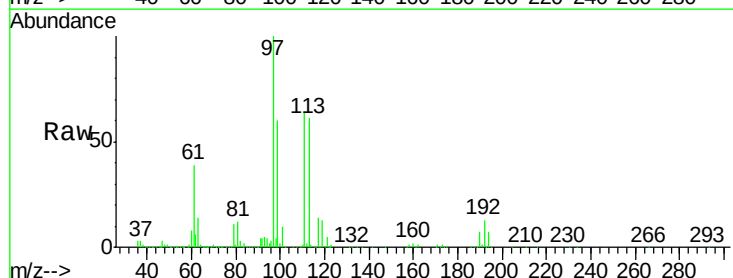
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

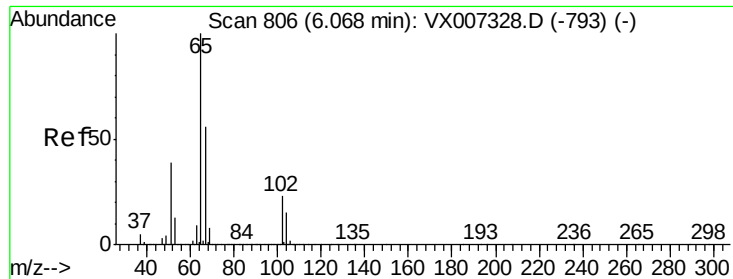
Tot Ion: 56 Resp: 348485
Ion Ratio Lower Upper
56 100
69 29.4 23.0 34.6
84 90.1 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 51.811 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion: 97 Resp: 361361
Ion Ratio Lower Upper
97 100
99 62.4 52.2 78.2
61 40.4 32.7 49.1

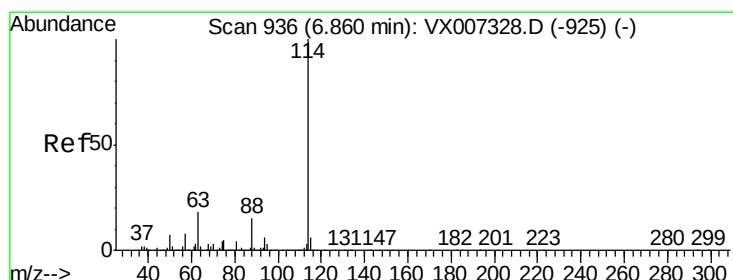
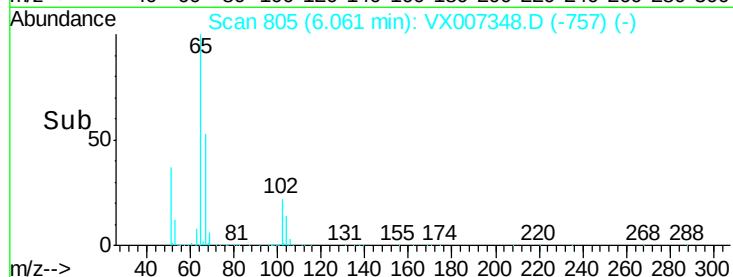
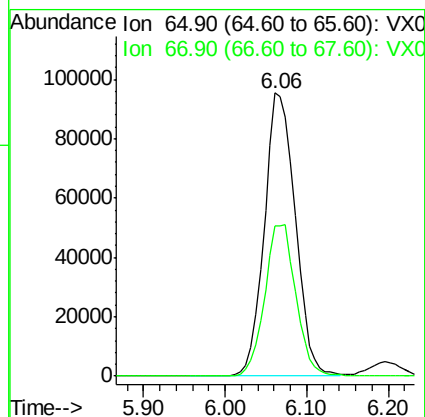
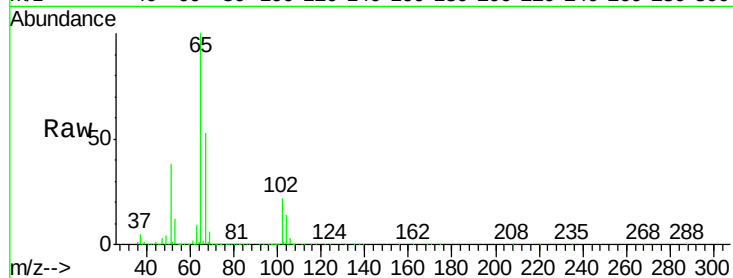




#33
 1,2-Dichloroethane-d4
 Concen: 49.136 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

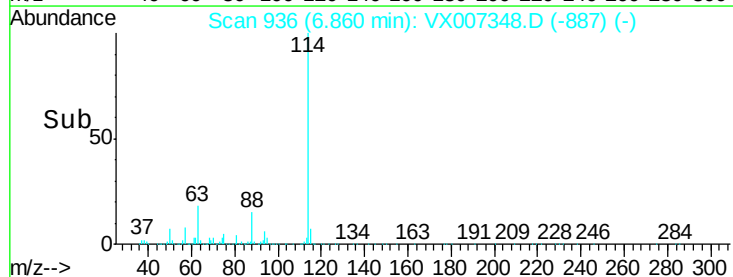
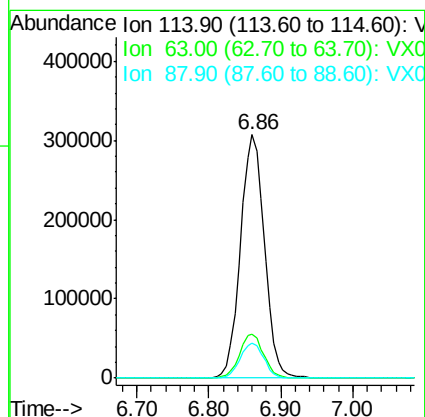
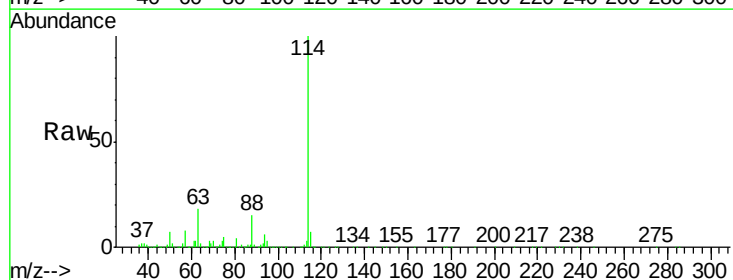
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

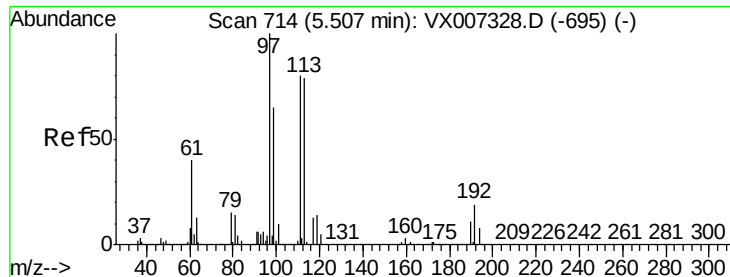
Tot Ion: 65 Resp: 251297
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Tgt Ion: 114 Resp: 709379
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.6
 88 14.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.606 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

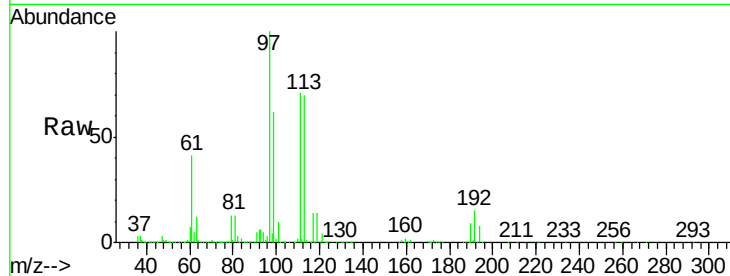
Tot Ion:113 Resp: 228967

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

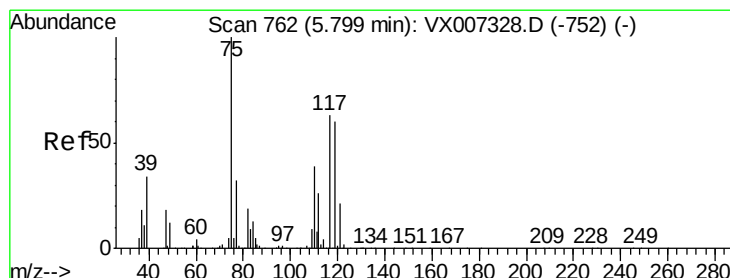
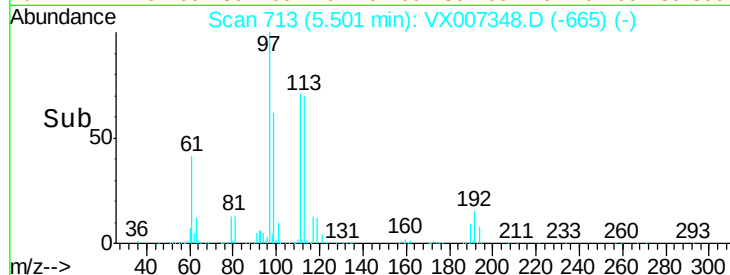
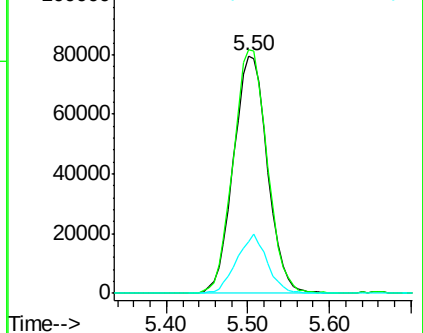
192 22.7 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.713 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

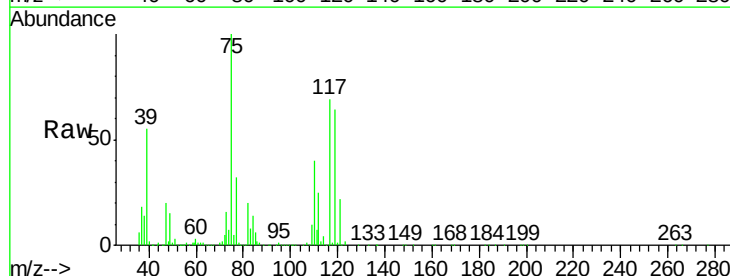
Tgt Ion: 75 Resp: 303683

Ion Ratio Lower Upper

75 100

110 39.5 20.0 59.9

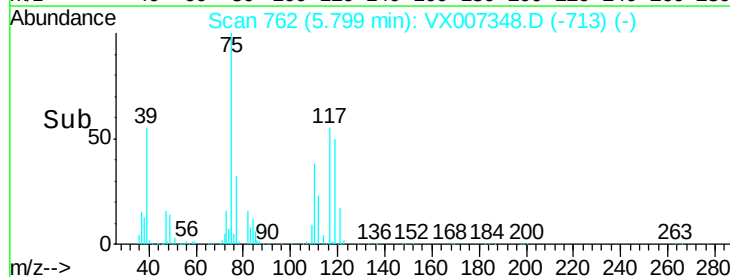
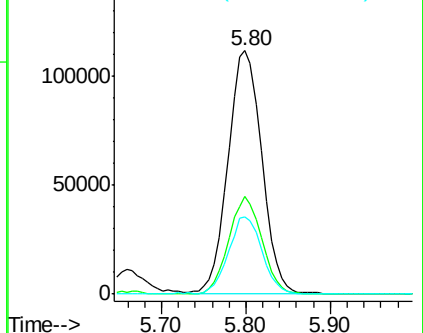
77 31.5 24.7 37.1

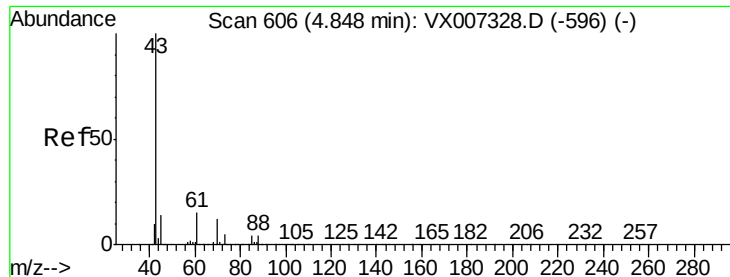


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

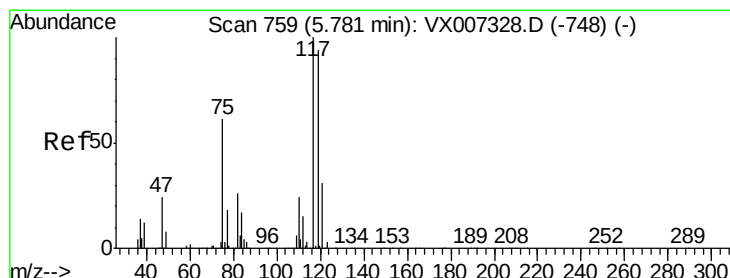
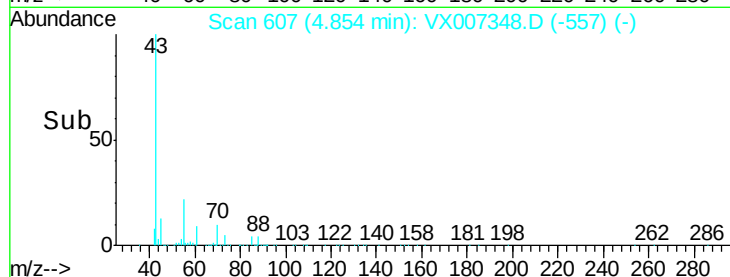
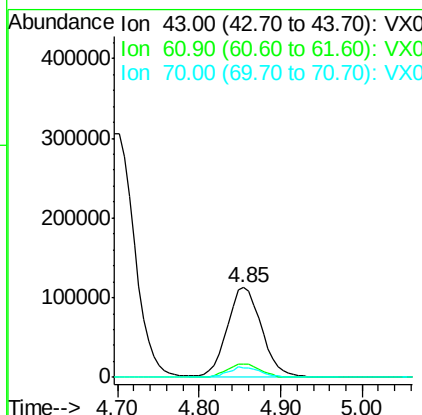
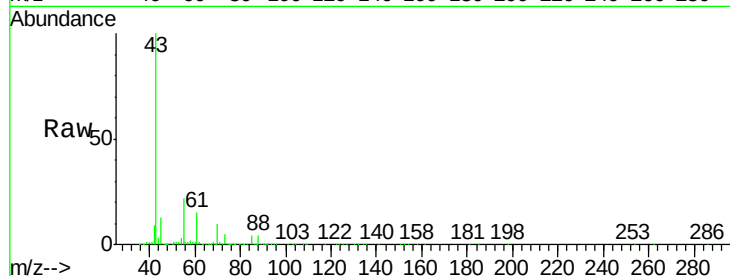




#37
Ethyl Acetate
Concen: 50.823 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

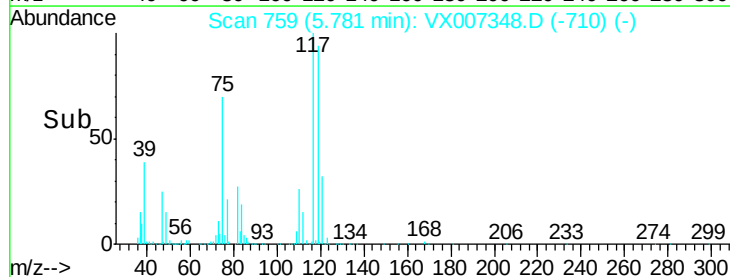
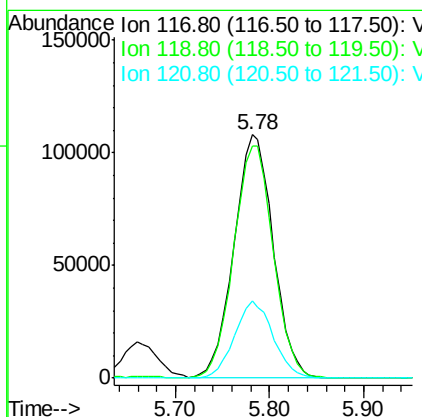
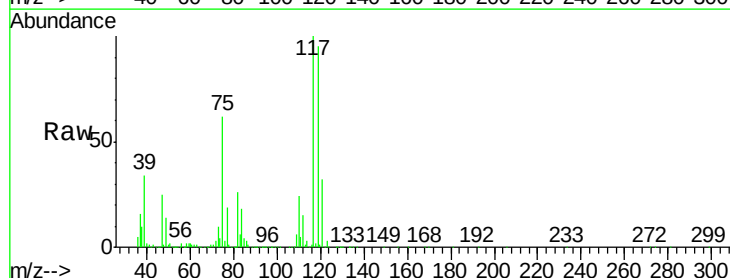
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

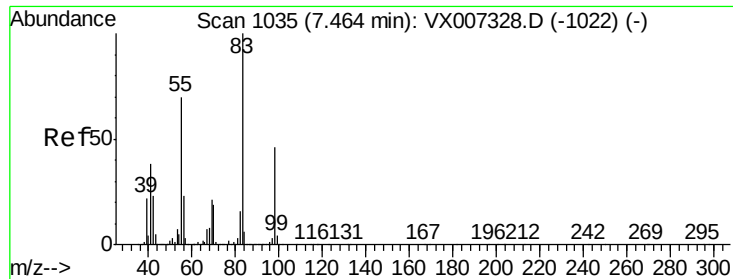
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.3	16.9
70	10.8	8.6	13.0



#38
Carbon Tetrachloride
Concen: 50.867 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.3	112.9
121	31.6	25.0	37.4

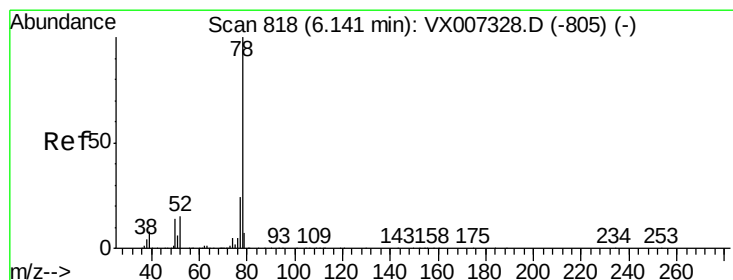
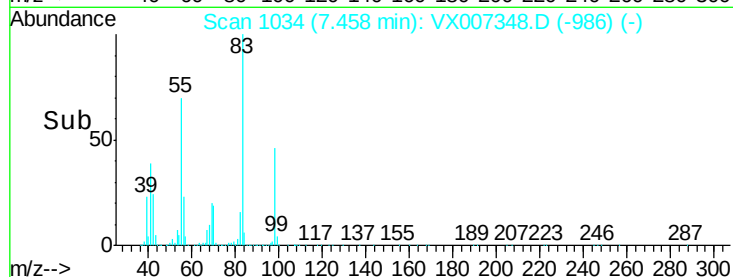
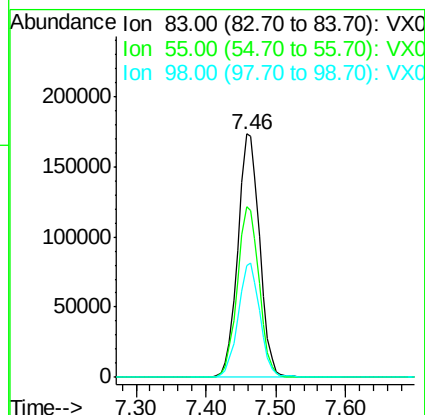
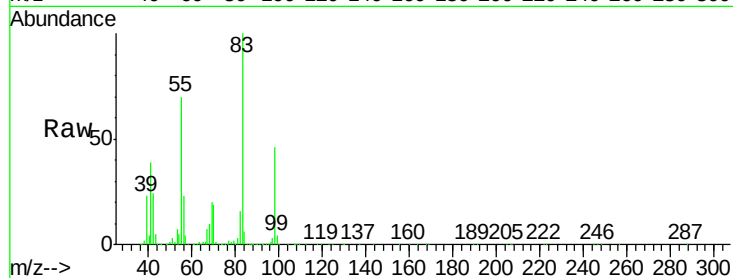




#39
Methylvlcyclohexane
Concen: 48.565 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

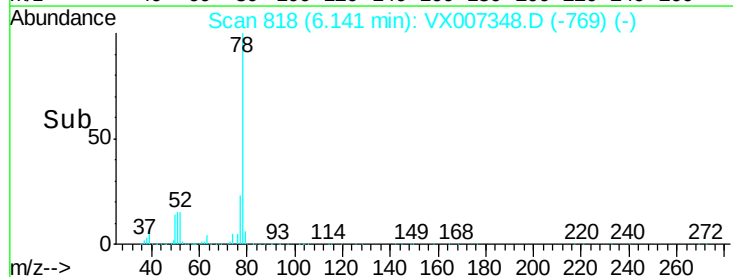
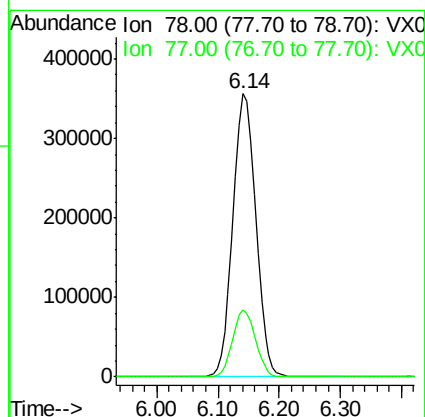
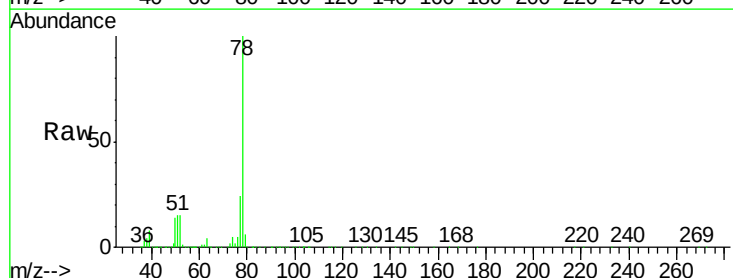
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

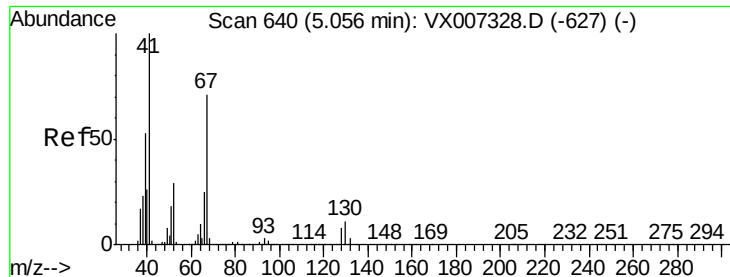
Tot Ion	83	Resp	373987
Ion	Ratio	Lower	Upper
83	100		
55	70.3	56.2	84.2
98	46.0	36.8	55.2



#40
Benzene
Concen: 49.405 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion	78	Resp	926291
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9

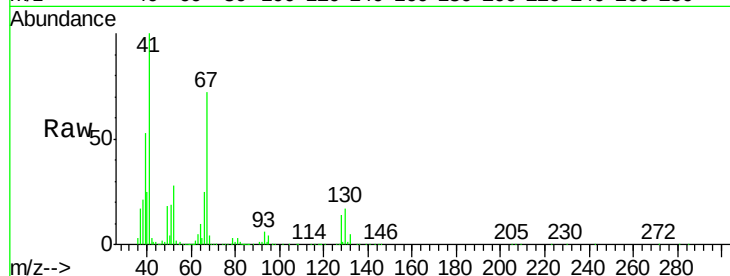




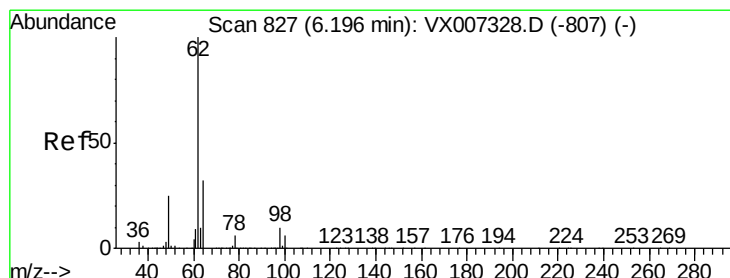
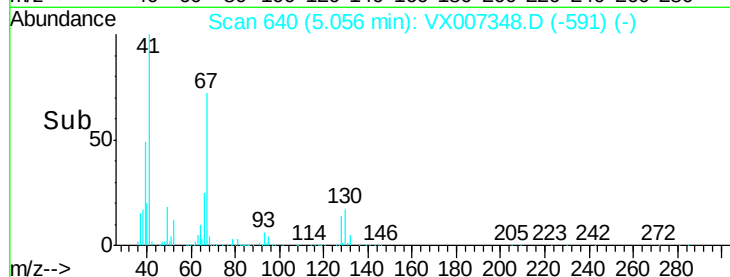
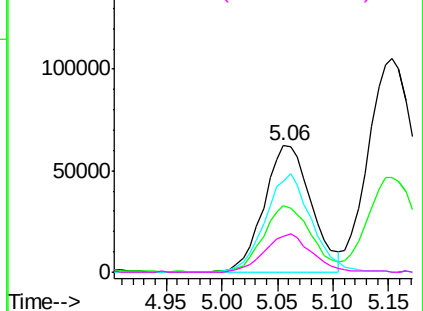
#41
Methacrylonitrile
Concen: 52.996 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	182747
Ion	Ratio	Lower	Upper
41	100		
39	53.3	44.5	66.7
67	76.0	60.4	90.6
52	29.5	24.1	36.1

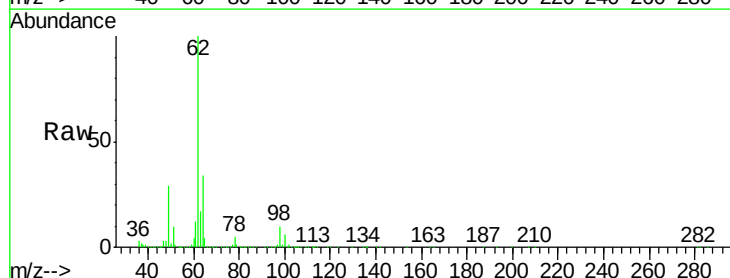


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

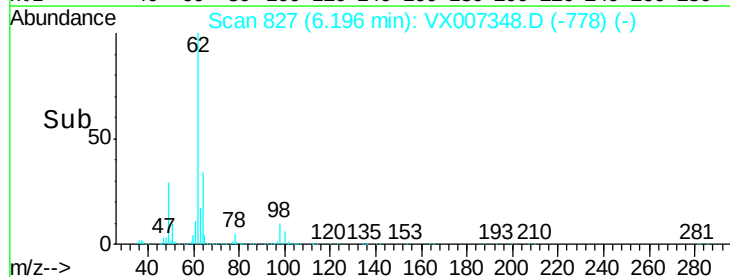
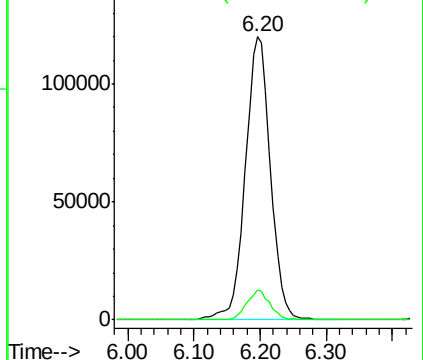


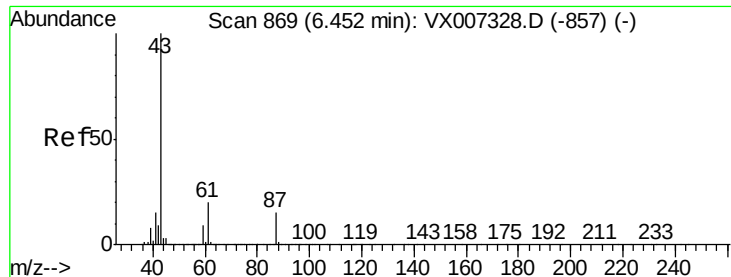
#42
1,2-Dichloroethane
Concen: 48.631 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion:	62	Resp:	315468
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.0



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



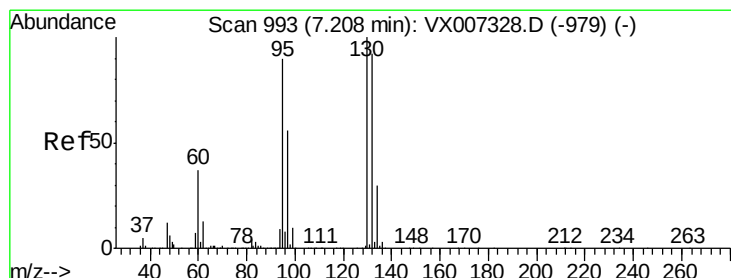
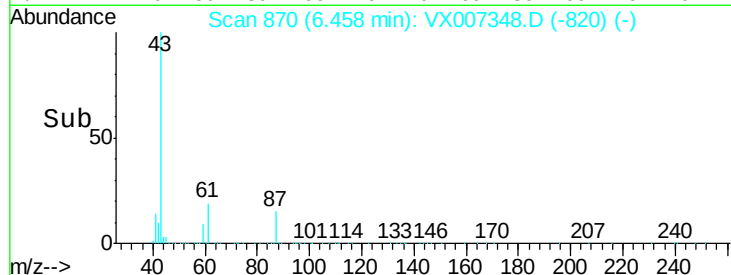
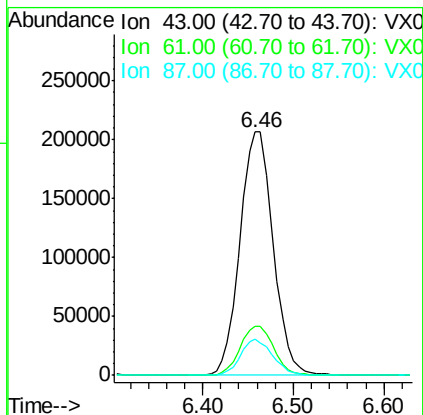
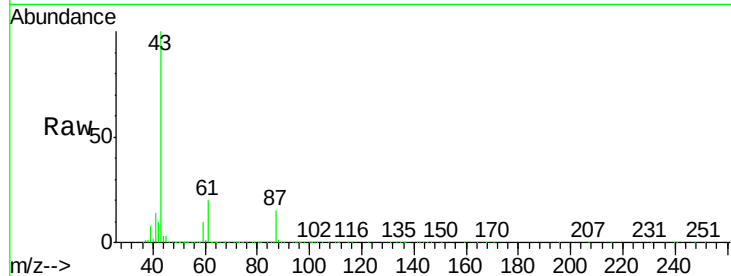


#43

Isopropyl Acetate
 Concen: 52.611 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

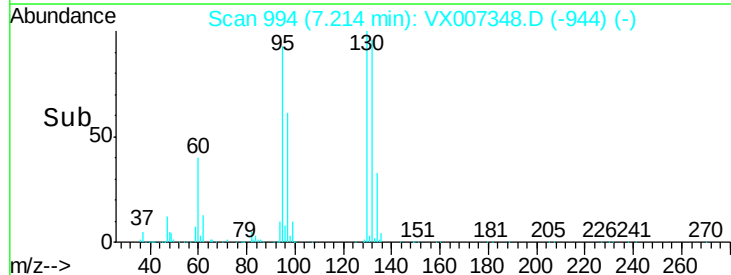
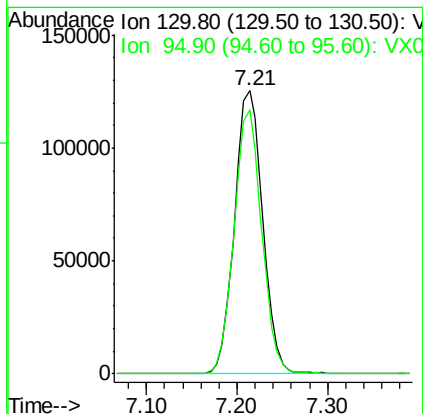
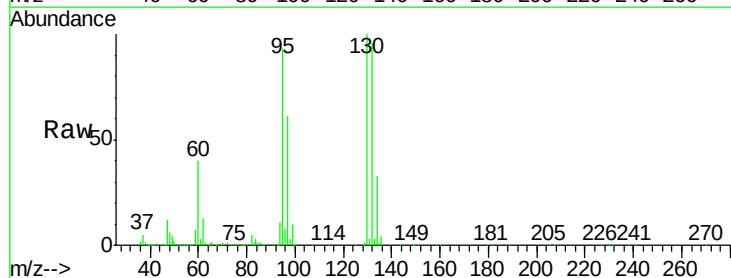
Tot Ion: 43 Resp: 522484
 Ion Ratio Lower Upper
 43 100
 61 20.6 16.1 24.1
 87 14.5 11.5 17.3

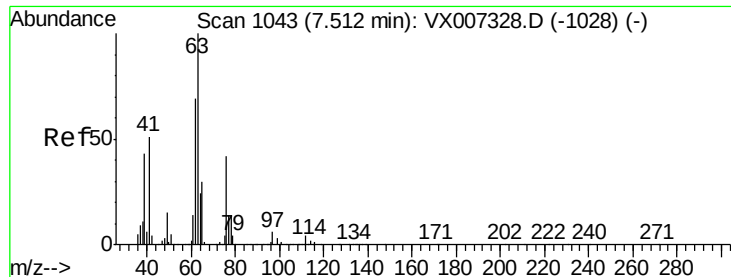


#44

Trichloroethene
 Concen: 47.999 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Tgt Ion: 130 Resp: 271039
 Ion Ratio Lower Upper
 130 100
 95 93.4 0.0 180.0

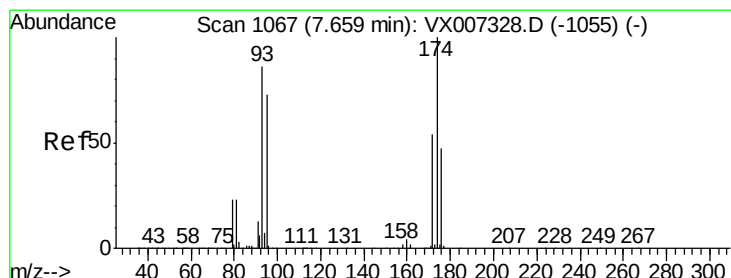
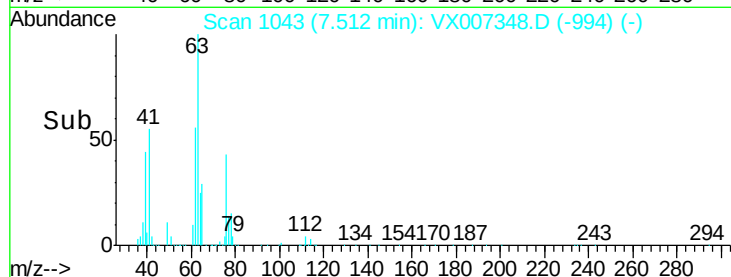
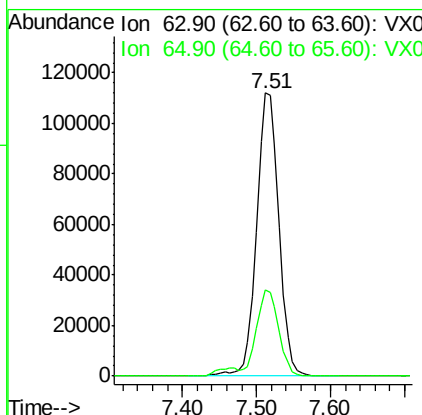
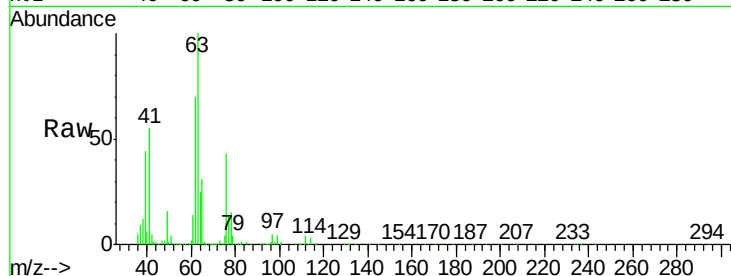




#45
 1,2-Dichloropropane
 Concen: 49.928 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

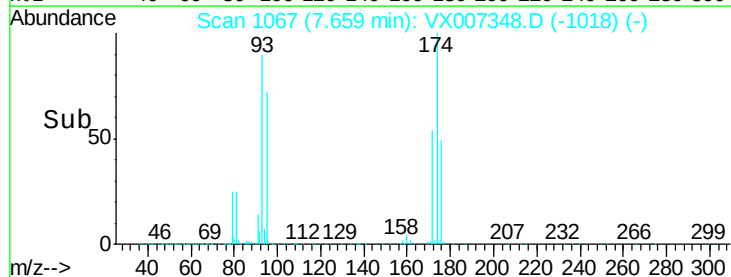
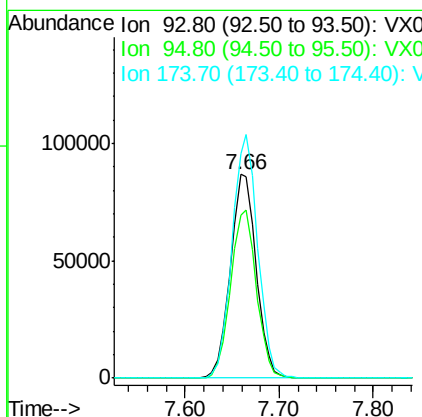
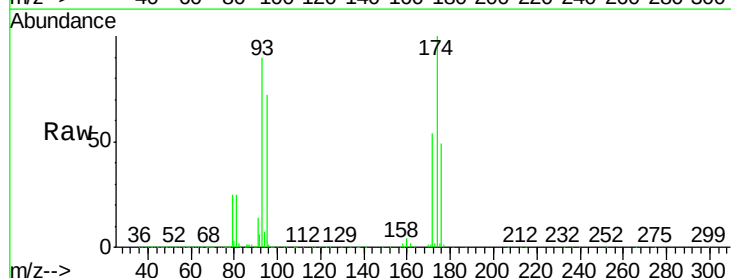
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

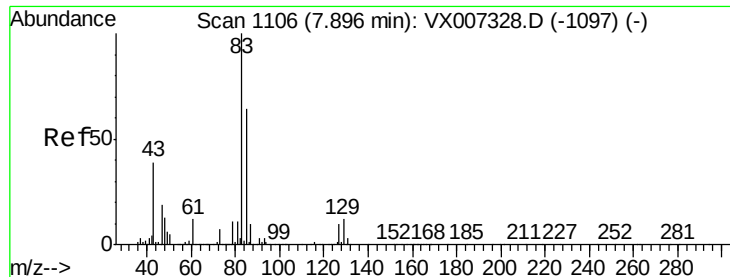
Tot Ion: 63 Resp: 234539
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.2 36.2



#46
 Dibromomethane
 Concen: 48.452 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Tgt Ion: 93 Resp: 165427
 Ion Ratio Lower Upper
 93 100
 95 82.4 67.6 101.4
 174 118.6 94.2 141.4





#47

Bromodichloromethane

Concen: 51.735 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

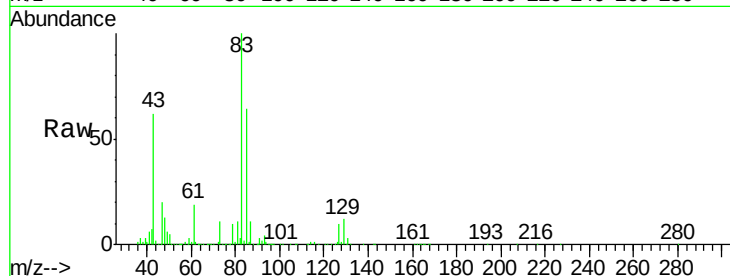
Tot Ion: 83 Resp: 299354

Ion Ratio Lower Upper

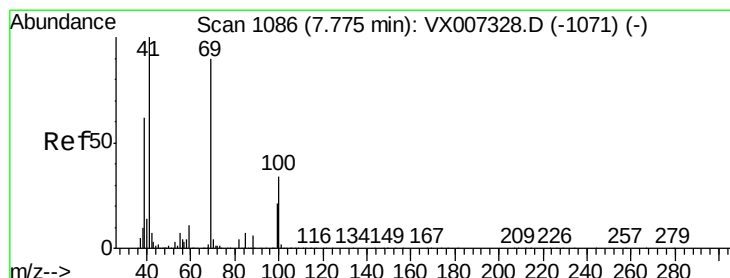
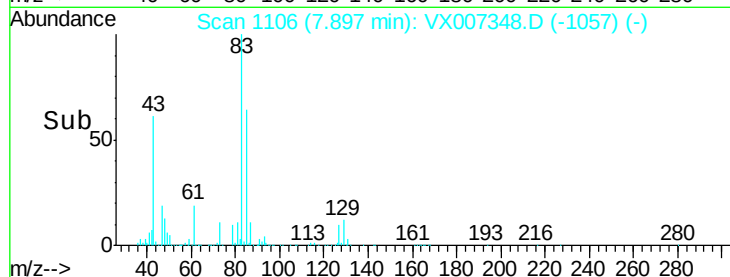
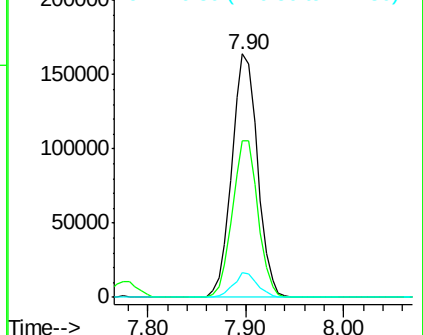
83 100

85 64.2 51.4 77.0

127 10.1 8.1 12.1



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: 54.222 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

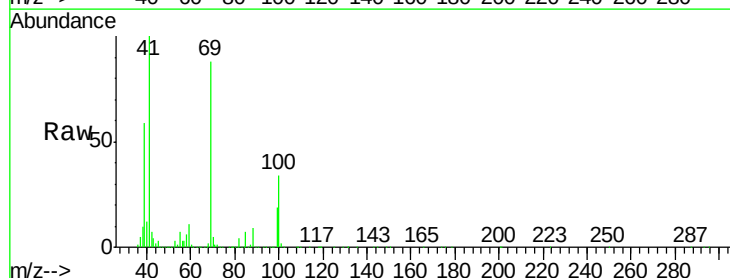
Tgt Ion: 41 Resp: 269348

Ion Ratio Lower Upper

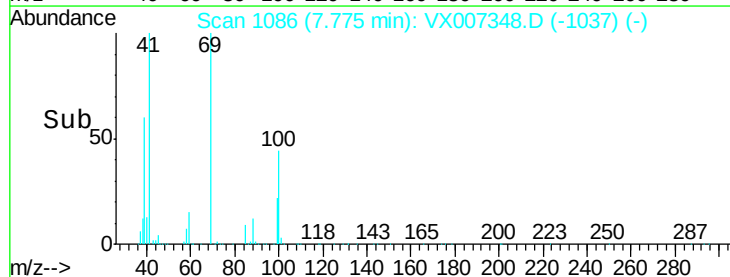
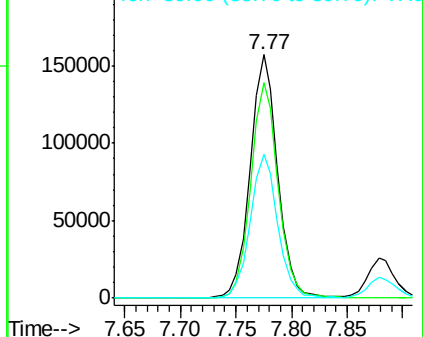
41 100

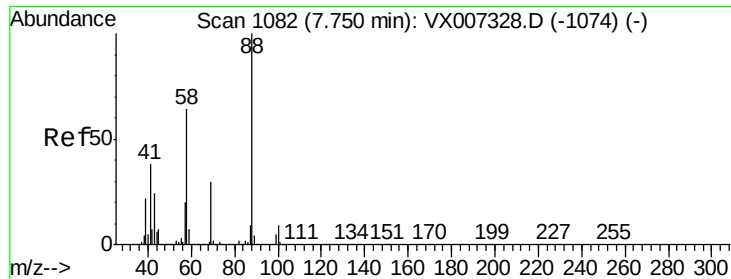
69 88.2 70.2 105.4

39 58.9 47.4 71.0



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: 1095.264 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

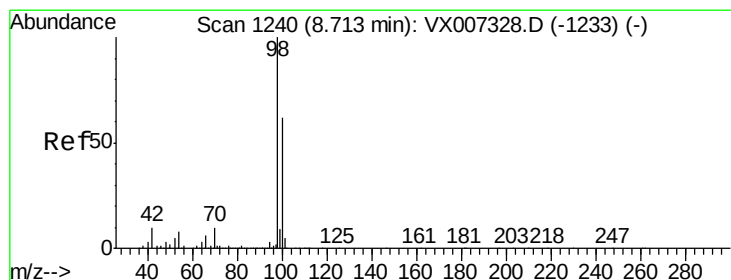
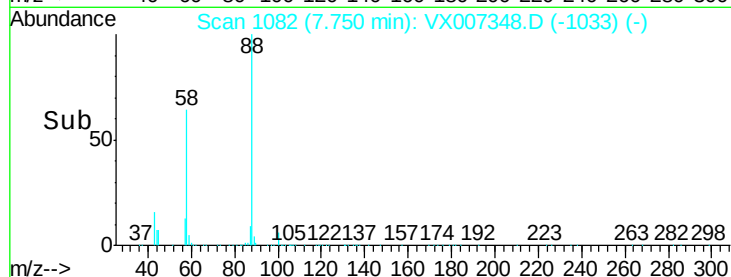
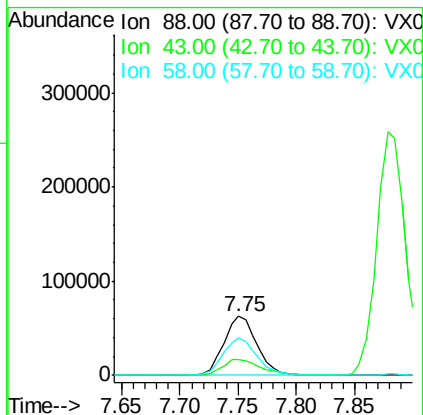
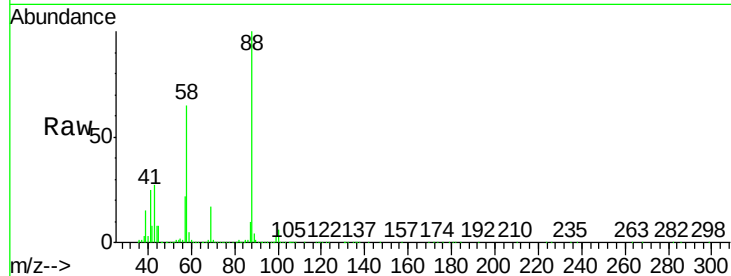
Tot Ion: 88 Resp: 123806

Ion Ratio Lower Upper

88 100

43 30.8 24.2 36.4

58 64.8 53.0 79.4



#50

Toluene-d8

Concen: 50.259 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007348.D

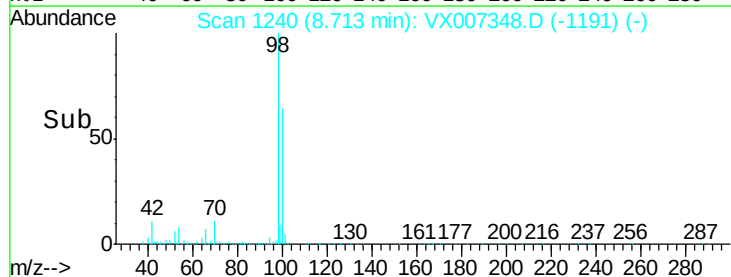
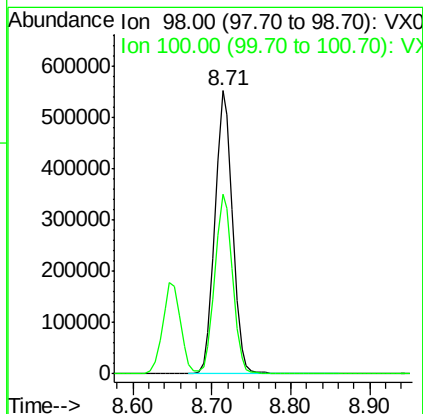
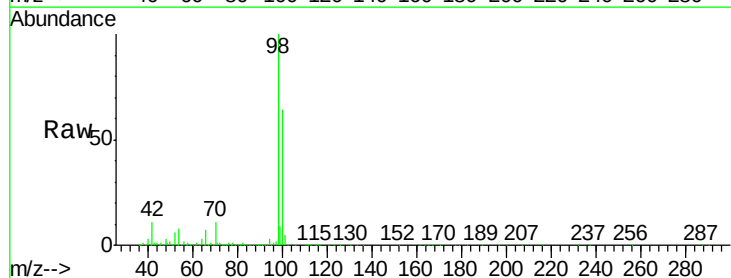
Acq: 01 Feb 2019 20:26

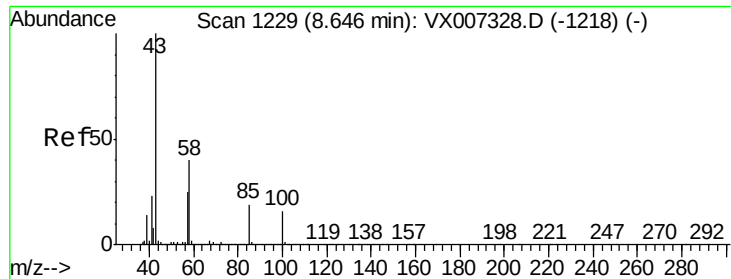
Tgt Ion: 98 Resp: 860675

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 265.717 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

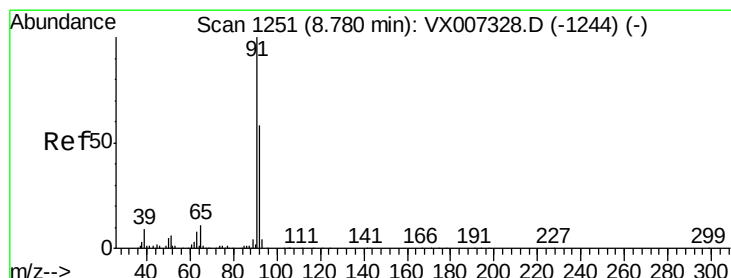
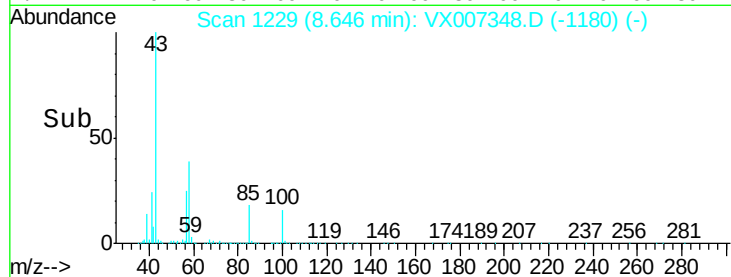
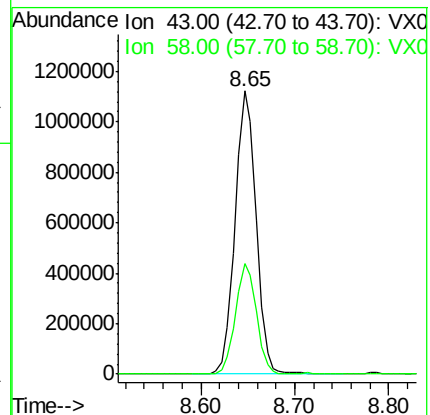
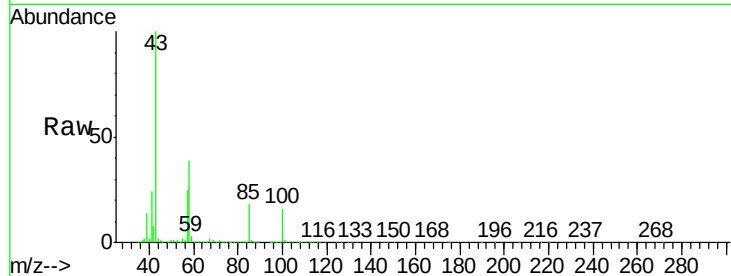
VSTDCCC050EC

Tot Ion: 43 Resp: 1737168

Ion Ratio Lower Upper

43 100

58 39.0 31.2 46.8



#52

Toluene

Concen: 49.473 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007348.D

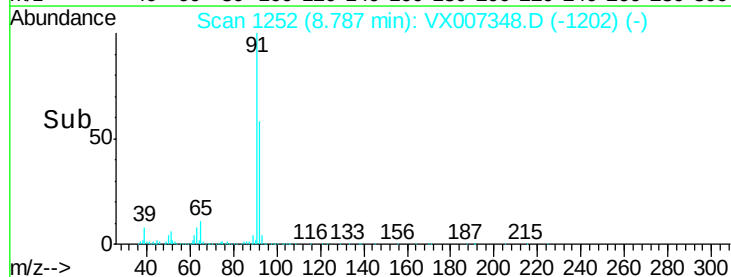
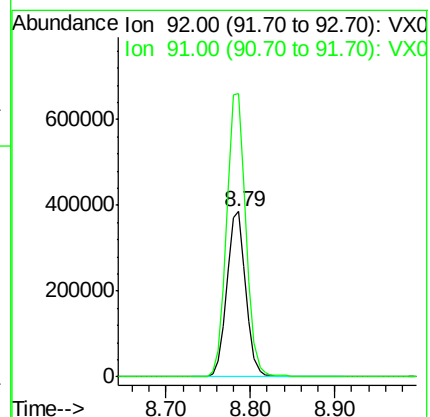
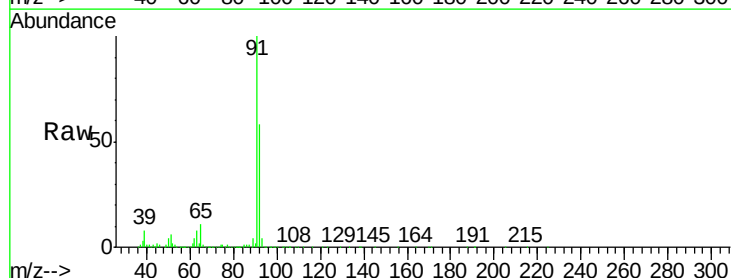
Acq: 01 Feb 2019 20:26

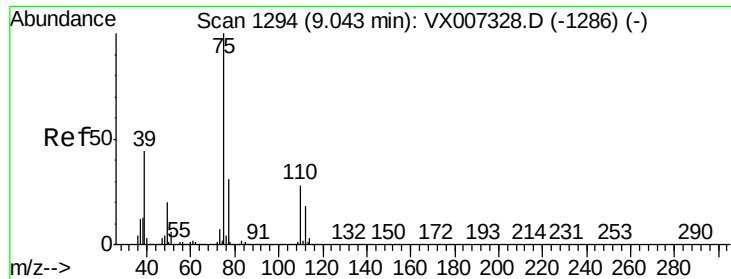
Tgt Ion: 92 Resp: 598455

Ion Ratio Lower Upper

92 100

91 174.9 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 52.773 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

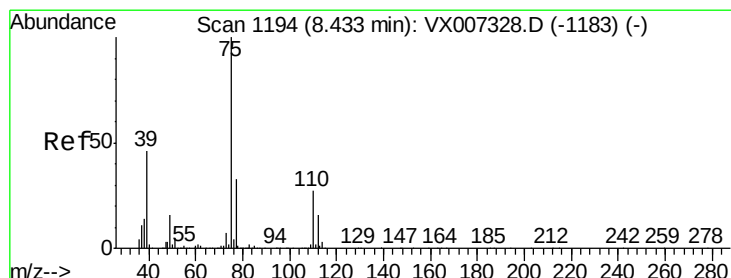
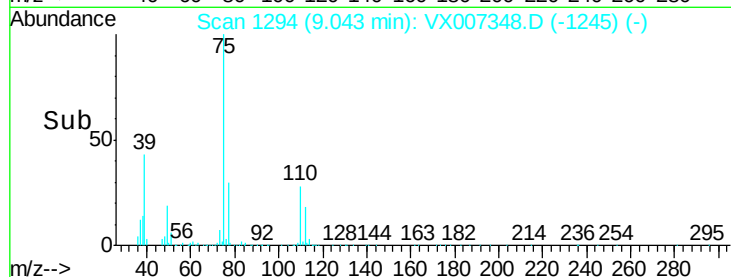
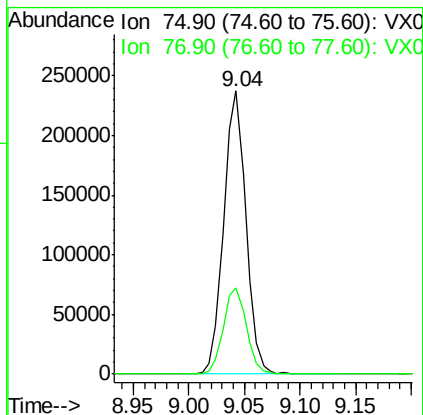
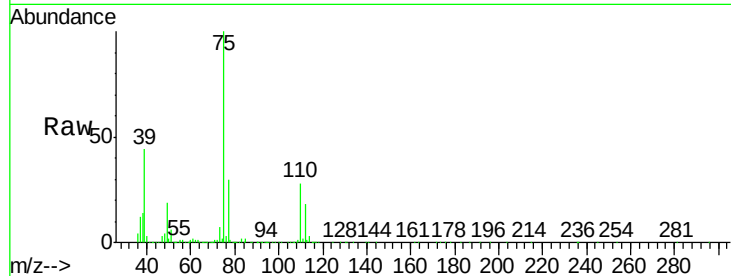
VSTDCCC050EC

Tot Ion: 75 Resp: 328005

Ion Ratio Lower Upper

75 100

77 30.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 52.700 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

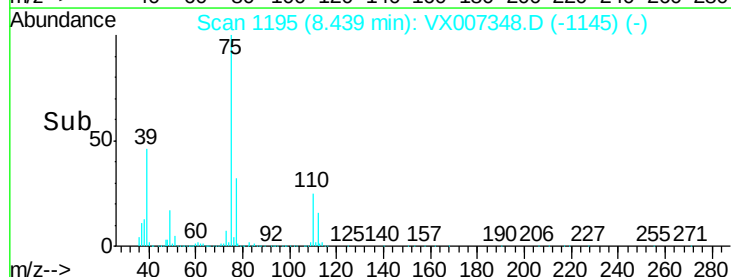
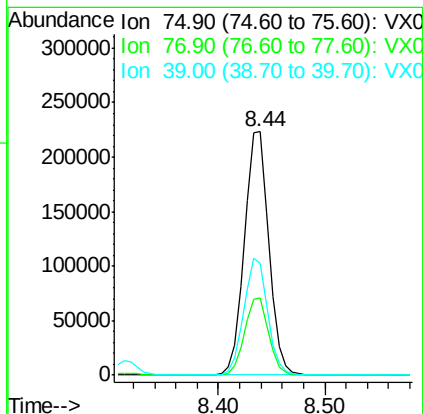
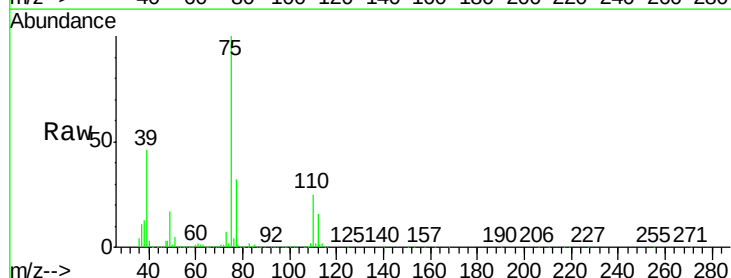
Tgt Ion: 75 Resp: 360205

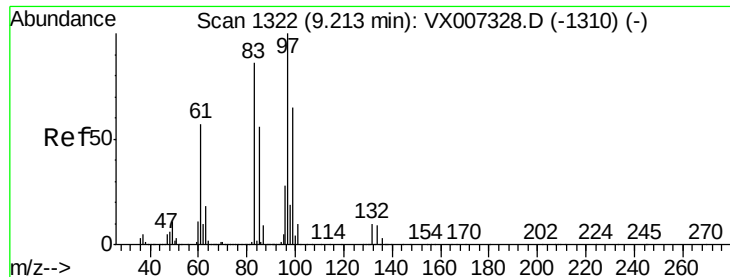
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.4

39 45.5 37.1 55.7

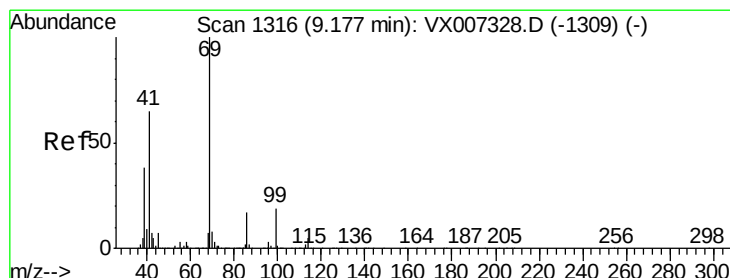
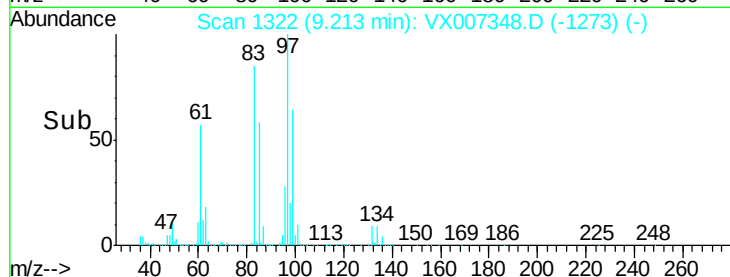
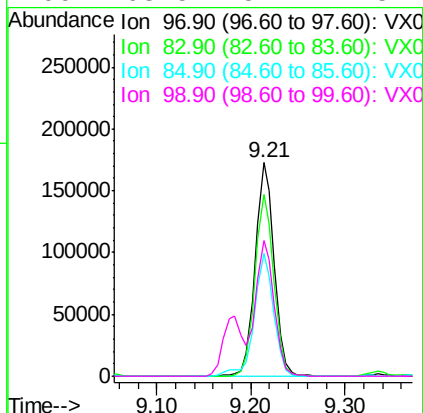
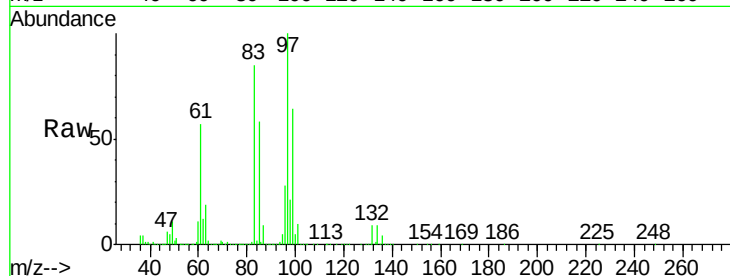




#55
 1,1,2-Trichloroethane
 Concen: 48.872 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

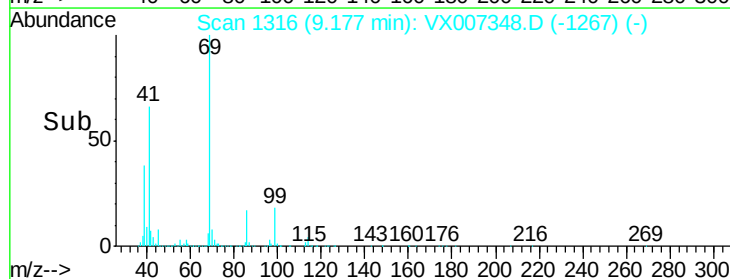
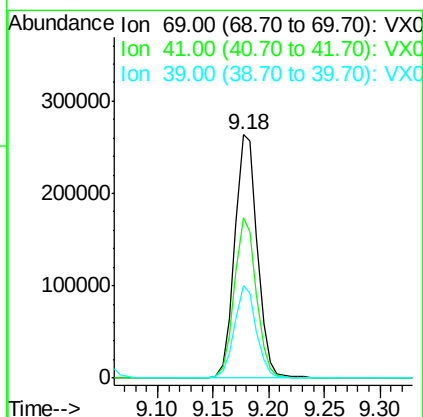
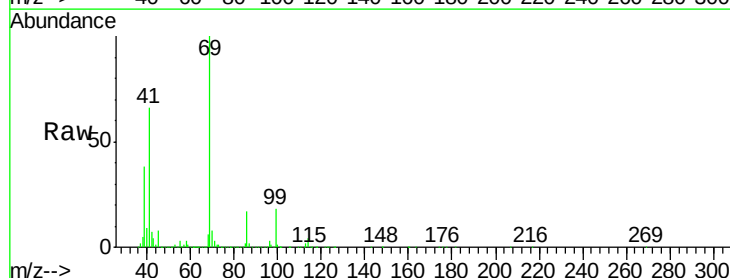
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

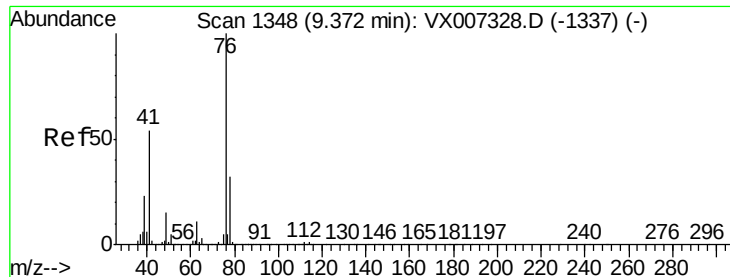
Tot Ion:	97	Resp:	246430
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.6	102.8
85	57.7	44.5	66.7
99	63.5	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 53.083 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Tgt Ion:	69	Resp:	370718
Ion	Ratio	Lower	Upper
69	100		
41	64.3	52.1	78.1
39	36.4	30.1	45.1

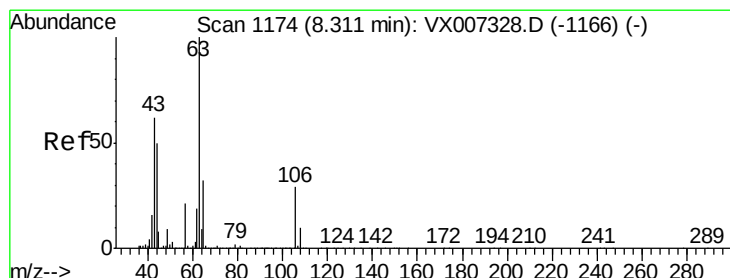
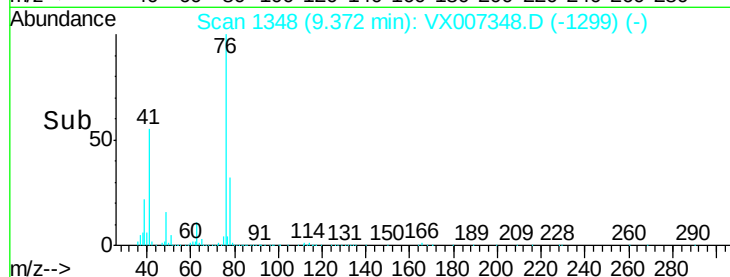
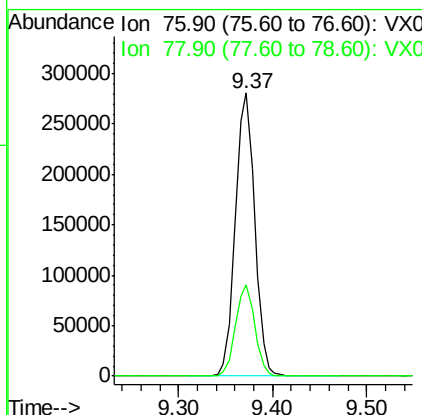
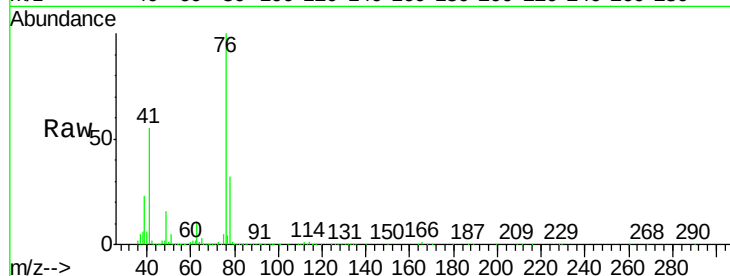




#57
 1,3-Dichloropropane
 Concen: 49.933 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

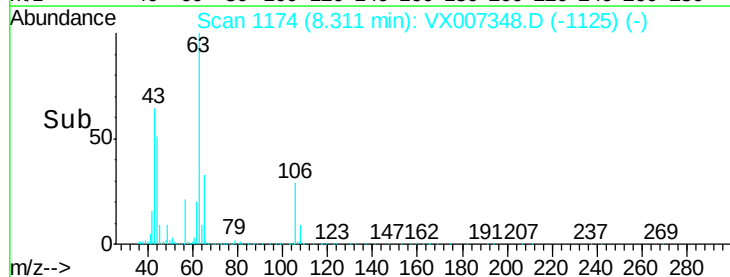
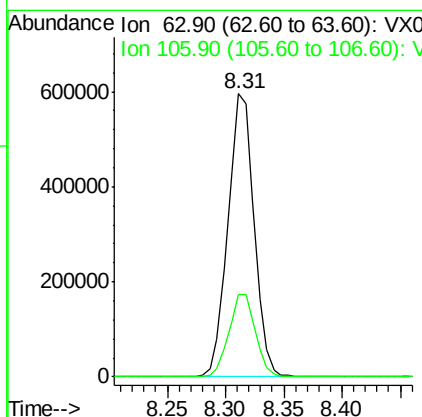
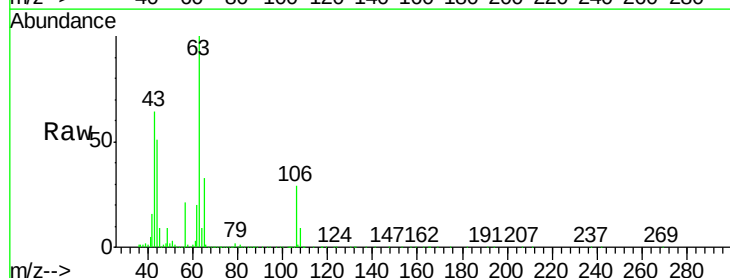
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

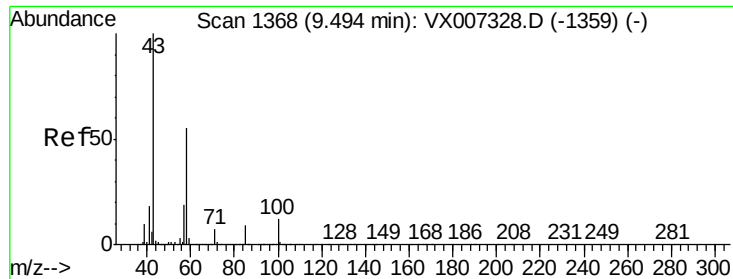
Tot Ion: 76 Resp: 400409
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.515 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Tgt Ion: 63 Resp: 929508
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.6 35.4

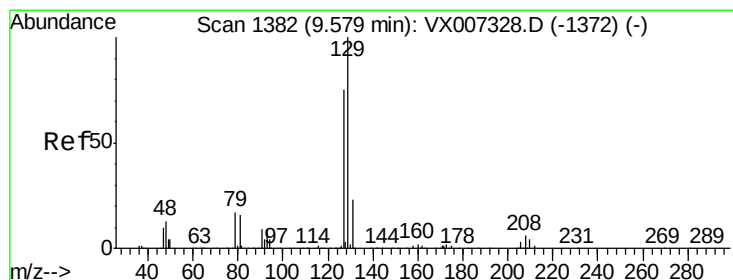
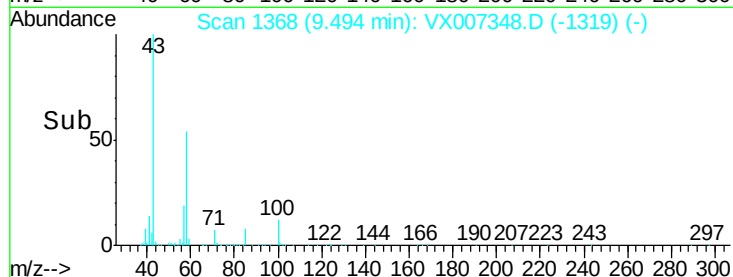
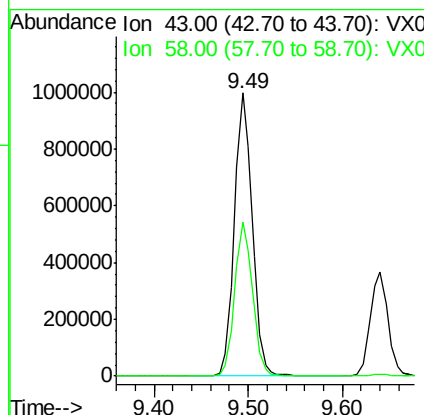
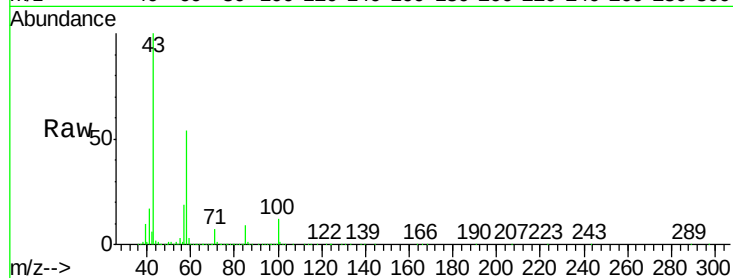




#59
2-Hexanone
Concen: 258.810 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

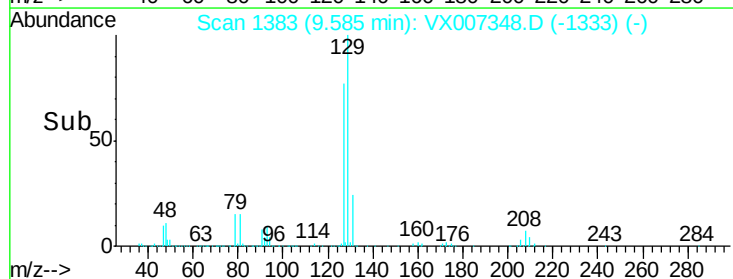
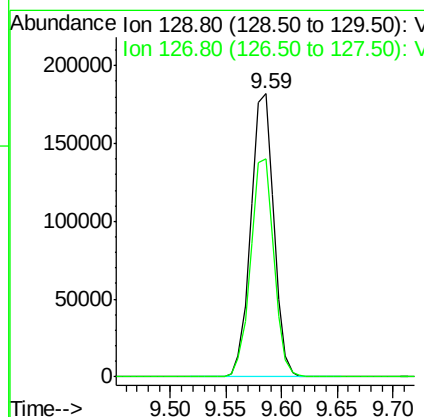
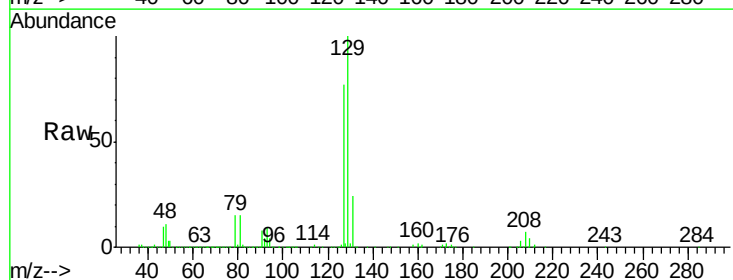
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

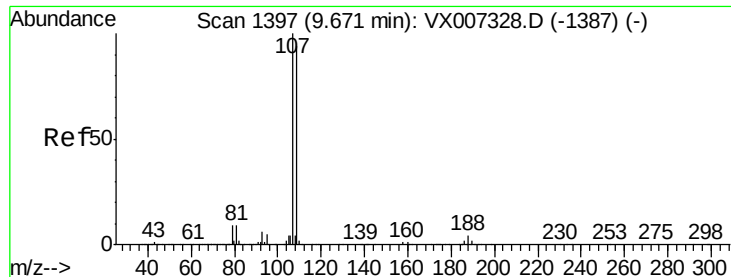
Tot Ion: 43 Resp: 1316668
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3



#60
Dibromochloromethane
Concen: 55.155 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion: 129 Resp: 263026
Ion Ratio Lower Upper
129 100
127 77.8 37.8 113.4





#61

1,2-Dibromoethane

Concen: 50.833 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

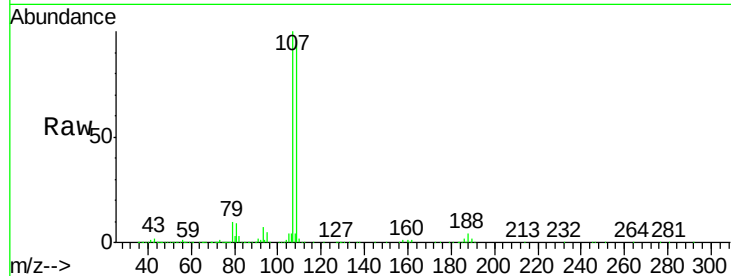
VSTDCCC050EC

Tot Ion:107 Resp: 271442

Ion Ratio Lower Upper

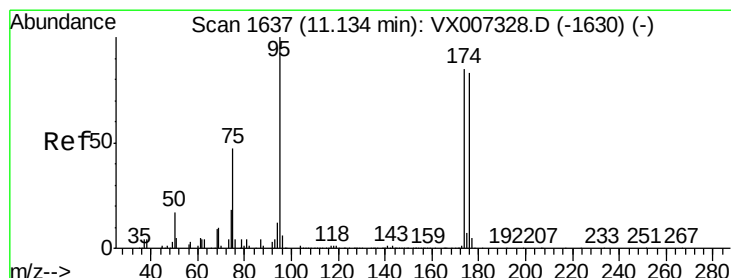
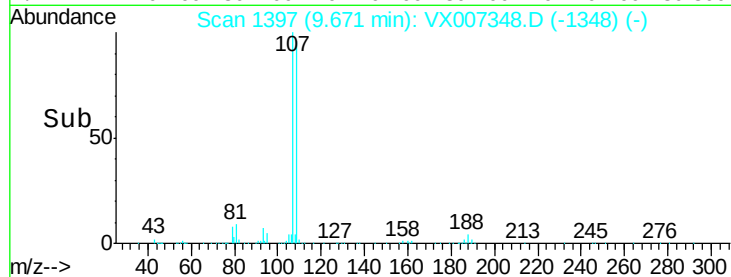
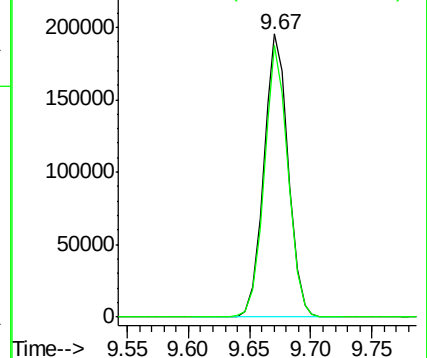
107 100

109 93.4 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.361 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

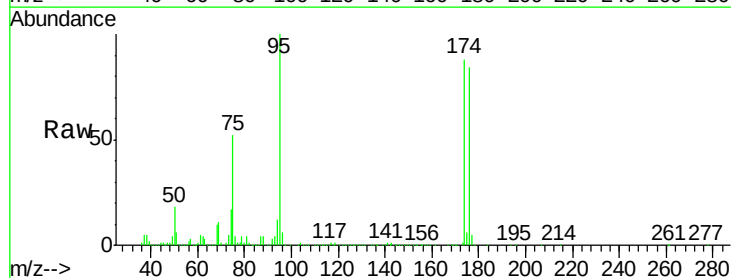
Tgt Ion: 95 Resp: 308622

Ion Ratio Lower Upper

95 100

174 95.6 0.0 189.2

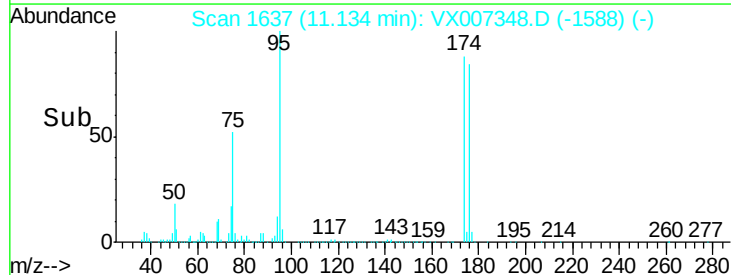
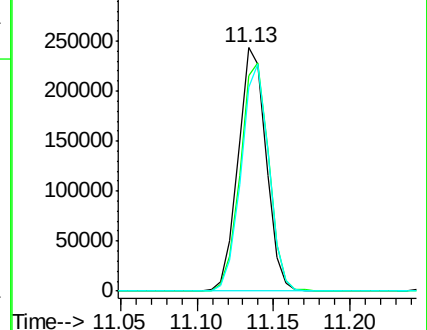
176 92.0 0.0 186.2

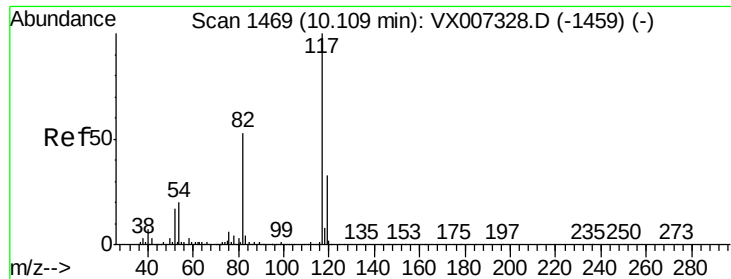


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

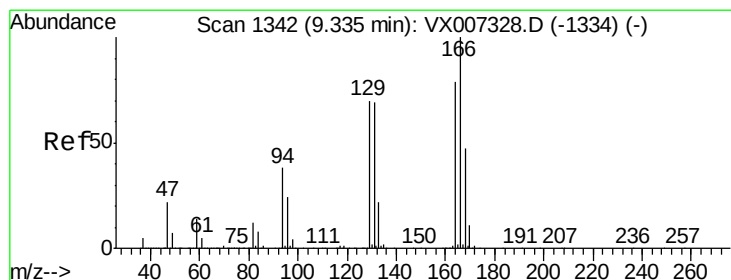
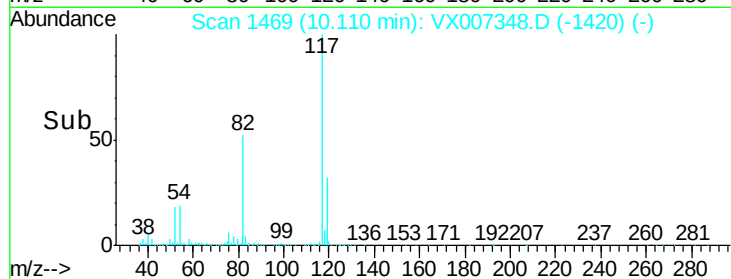
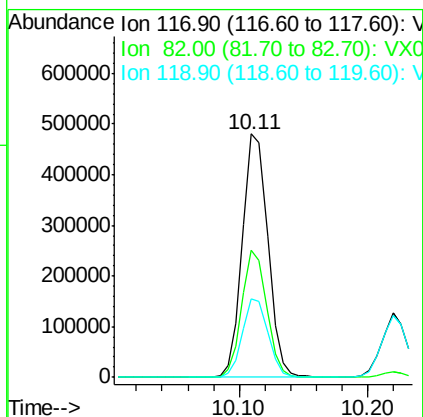
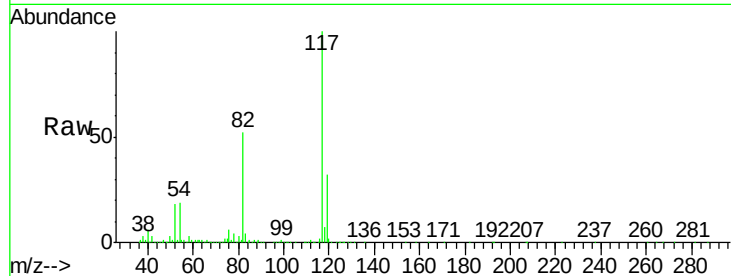




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

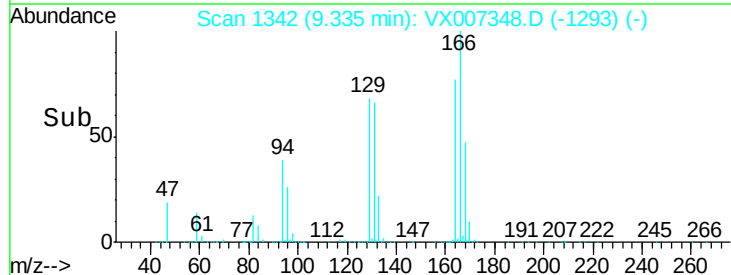
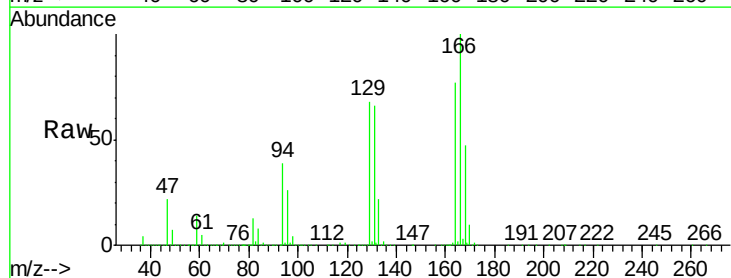
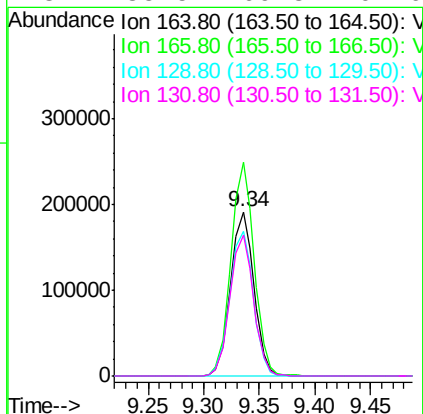
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

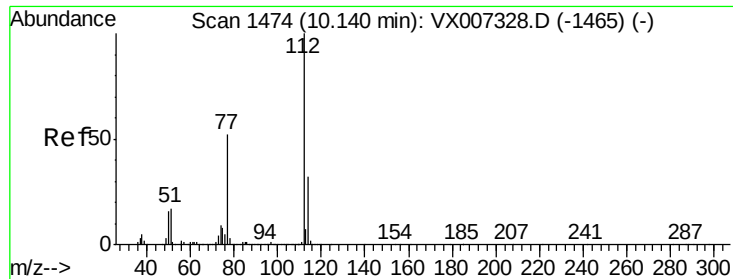
Tot Ion:117 Resp: 660344
Ion Ratio Lower Upper
117 100
82 52.4 42.1 63.1
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 44.731 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion:164 Resp: 278402
Ion Ratio Lower Upper
164 100
166 130.2 101.0 151.4
129 88.3 70.5 105.7
131 85.5 69.8 104.6





#65

Chlorobenzene

Concen: 47.921 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

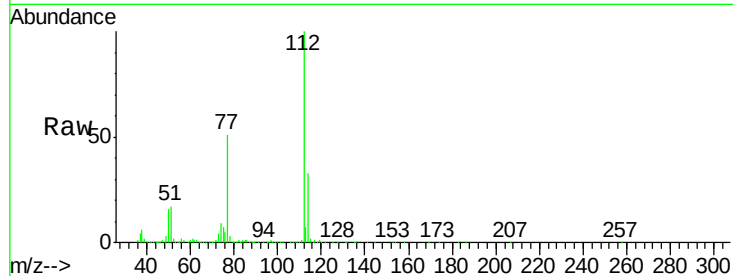
VSTDCCC050EC

Tot Ion:112 Resp: 690535

Ion Ratio Lower Upper

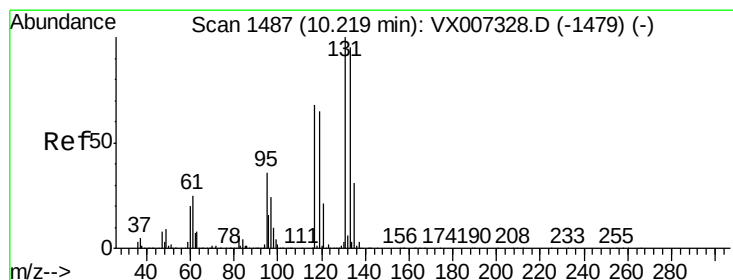
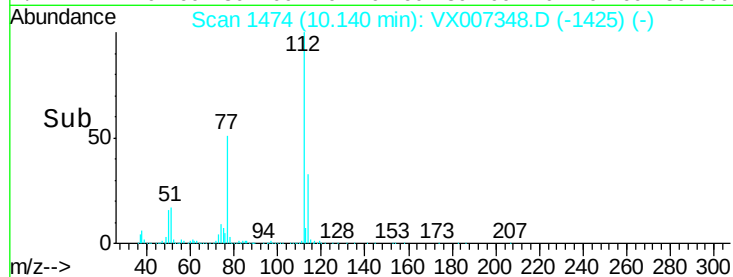
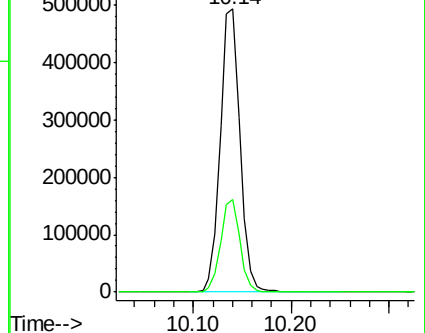
112 100

114 32.7 25.8 38.6



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: 51.534 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

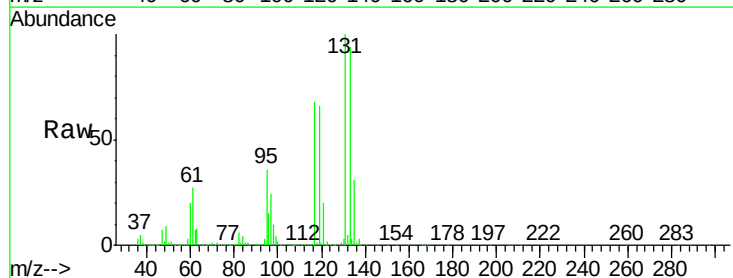
Tgt Ion:131 Resp: 248972

Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.2

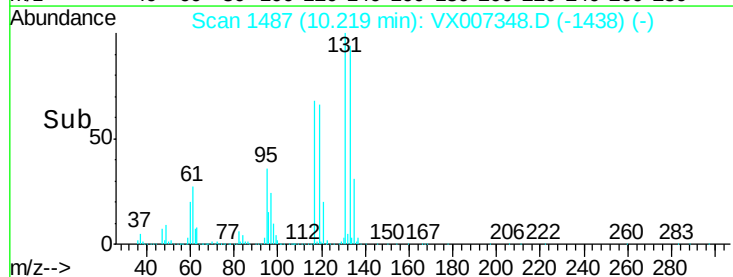
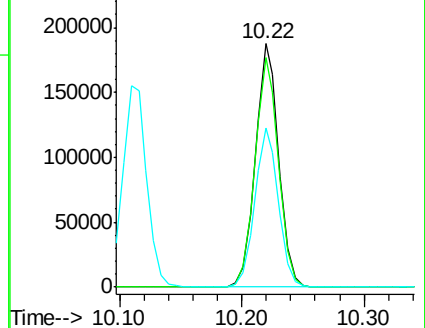
119 66.1 32.0 96.0

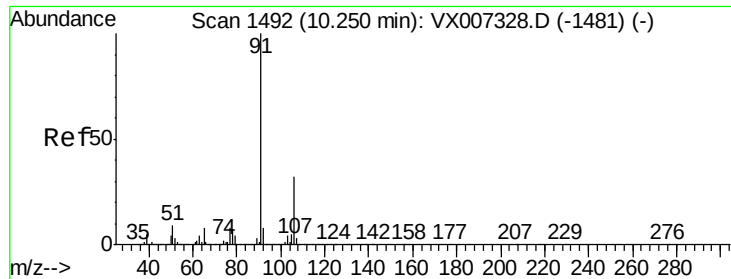


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.601 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

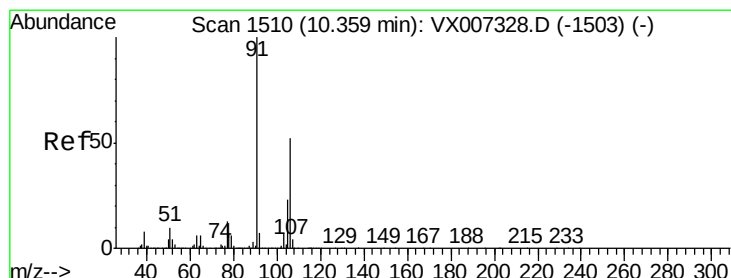
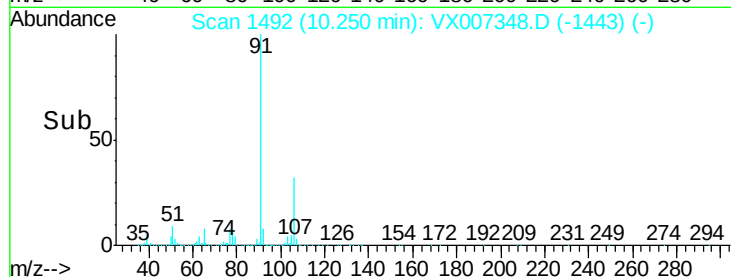
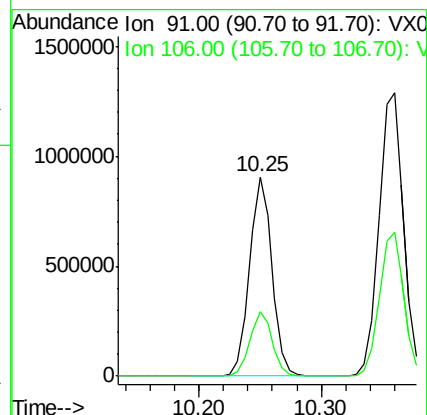
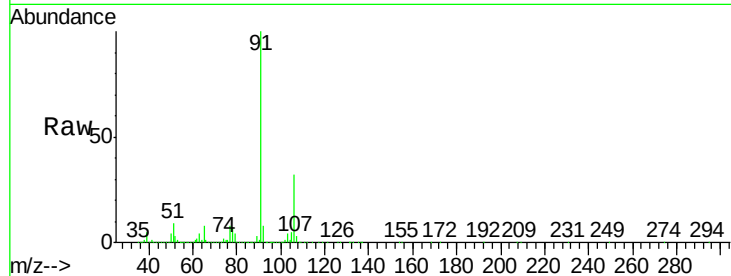
VSTDCCC050EC

Tot Ion: 91 Resp: 1151006

Ion Ratio Lower Upper

91 100

106 32.1 25.4 38.0



#68

m/p-Xylenes

Concen: 98.802 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007348.D

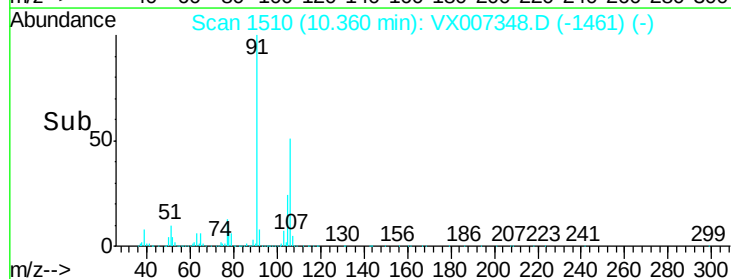
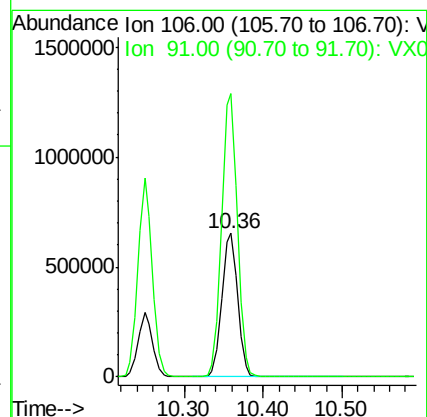
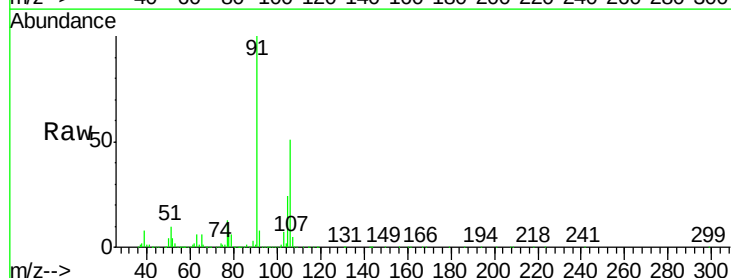
Acq: 01 Feb 2019 20:26

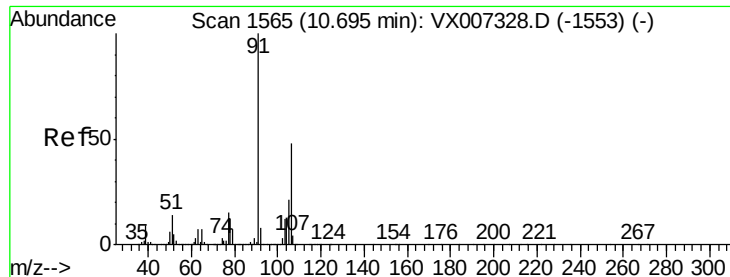
Tgt Ion: 106 Resp: 911394

Ion Ratio Lower Upper

106 100

91 197.1 156.6 234.8

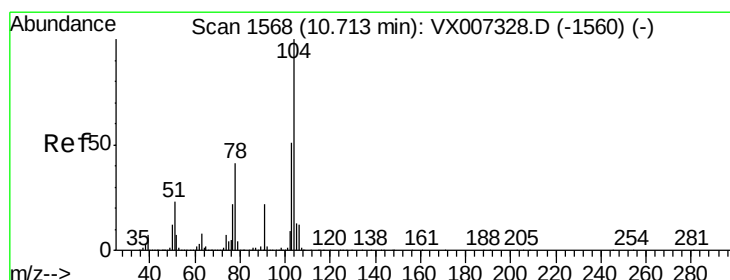
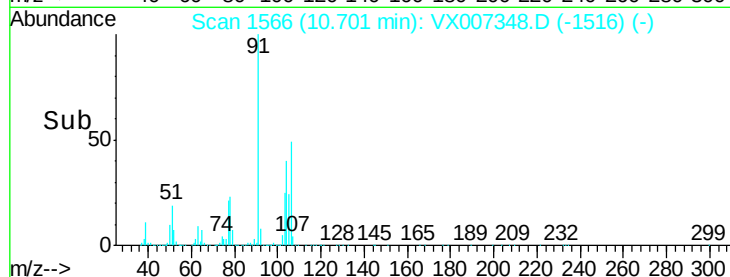
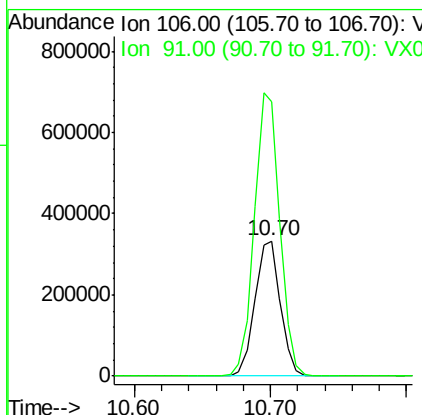
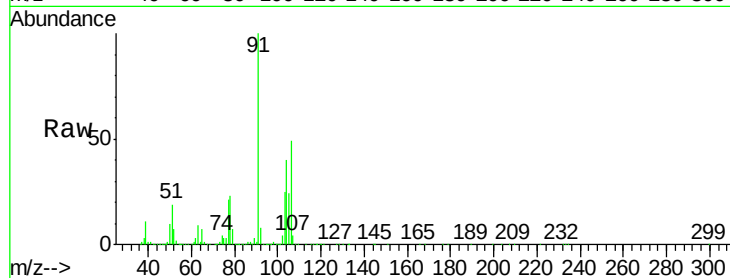




#69
o-Xylene
Concen: 49.477 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

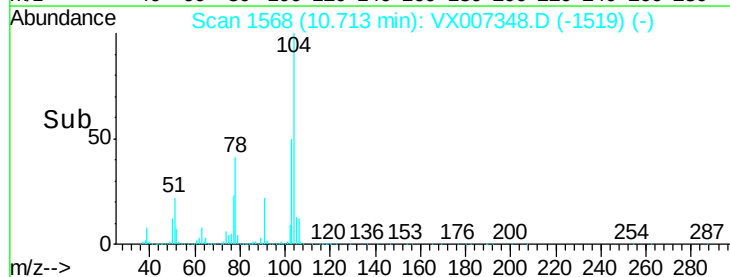
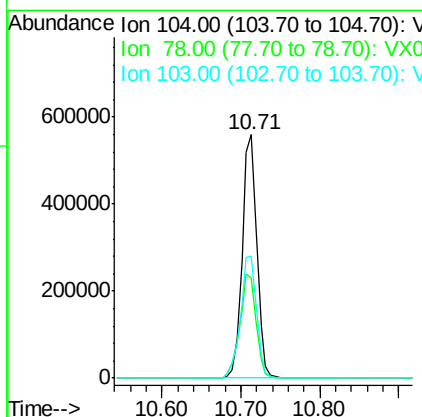
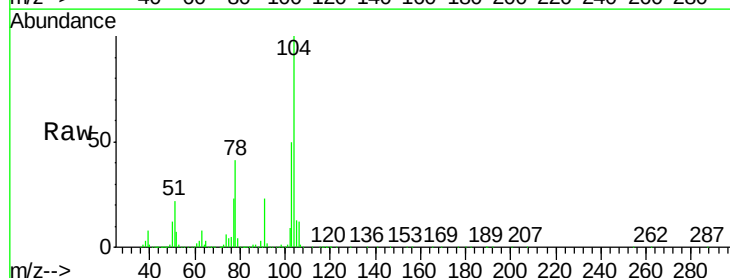
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

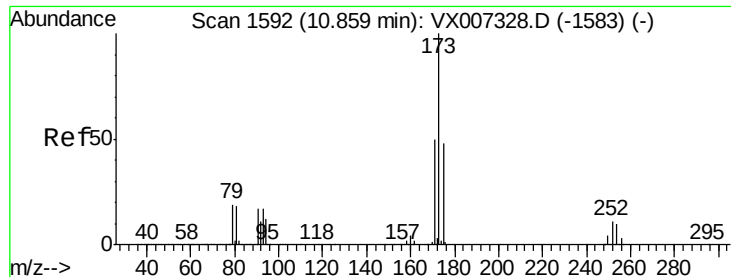
Tot Ion:106 Resp: 439172
Ion Ratio Lower Upper
106 100
91 209.3 102.9 308.7



#70
Styrene
Concen: 50.017 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion:104 Resp: 720010
Ion Ratio Lower Upper
104 100
78 47.6 38.3 57.5
103 55.4 44.6 67.0





#71

Bromoform

Concen: 47.844 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

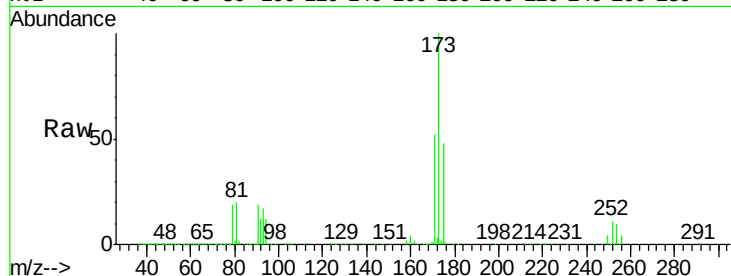
Tot Ion:173 Resp: 201931

Ion Ratio Lower Upper

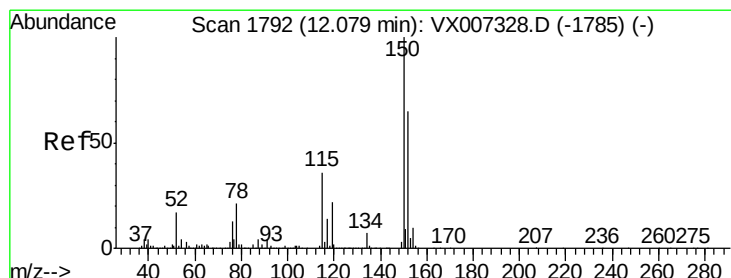
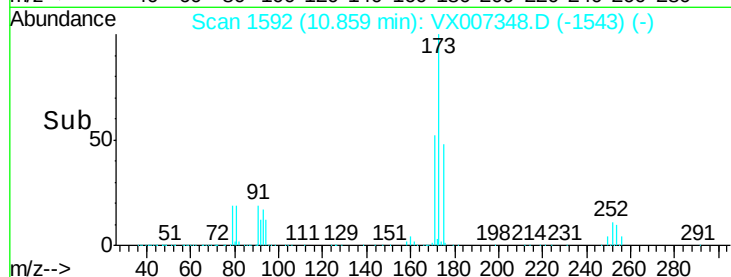
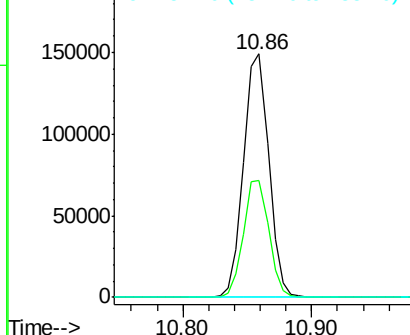
173 100

175 48.4 24.2 72.6

254 0.1 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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

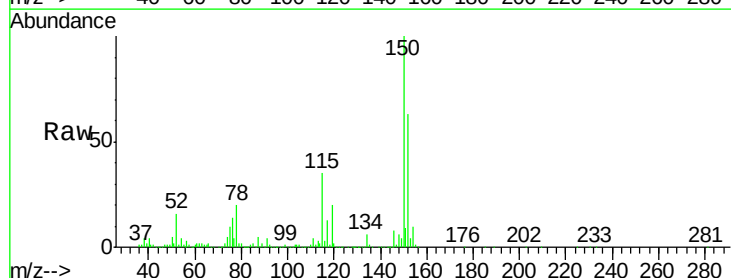
Tgt Ion:152 Resp: 344599

Ion Ratio Lower Upper

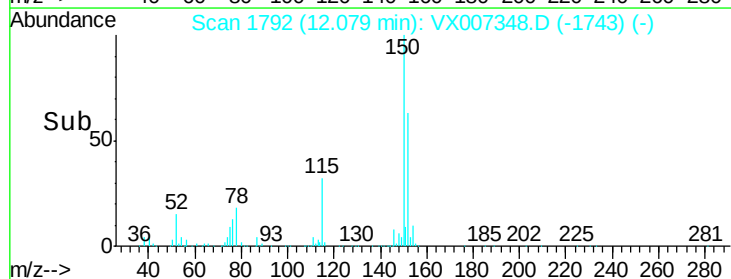
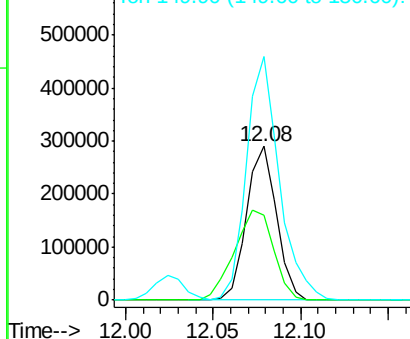
152 100

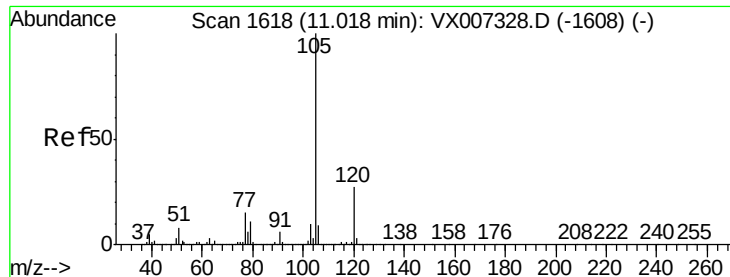
115 76.8 38.0 114.0

150 174.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.876 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

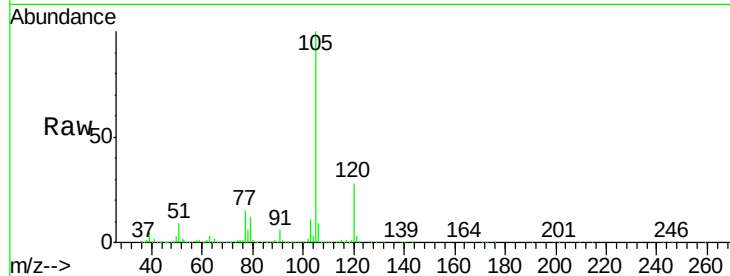
VSTDCCC050EC

Tot Ion:105 Resp: 1167966

Ion Ratio Lower Upper

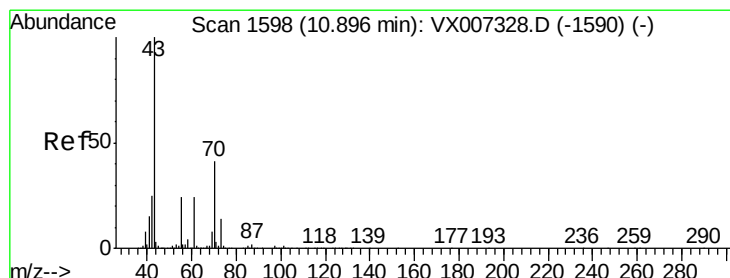
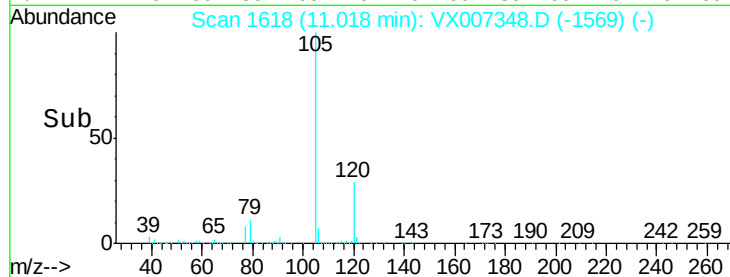
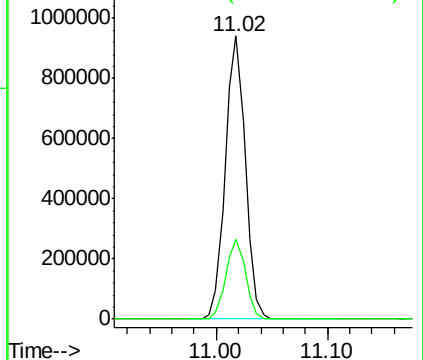
105 100

120 27.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.808 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Tgt Ion: 43 Resp: 469250

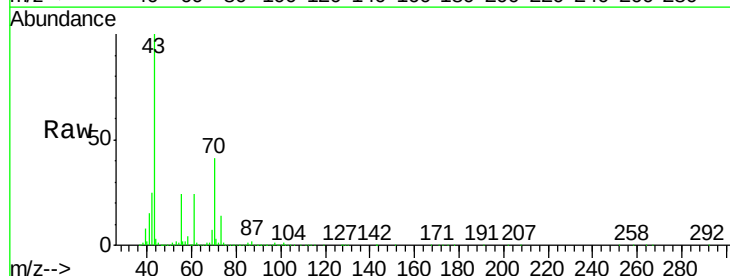
Ion Ratio Lower Upper

43 100

70 42.6 33.8 50.6

55 24.3 19.5 29.3

61 24.2 19.4 29.2

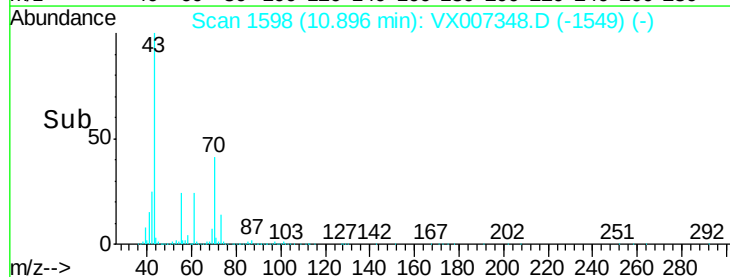
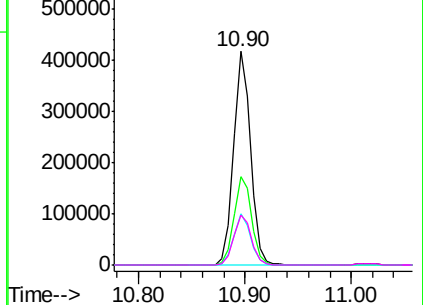


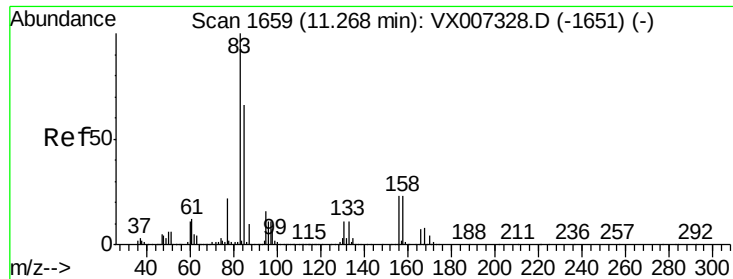
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.703 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

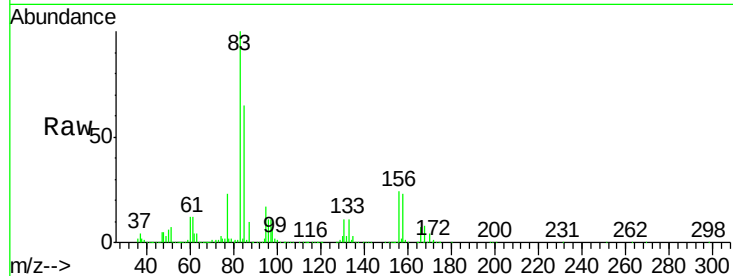
Tot Ion: 83 Resp: 354717

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.0

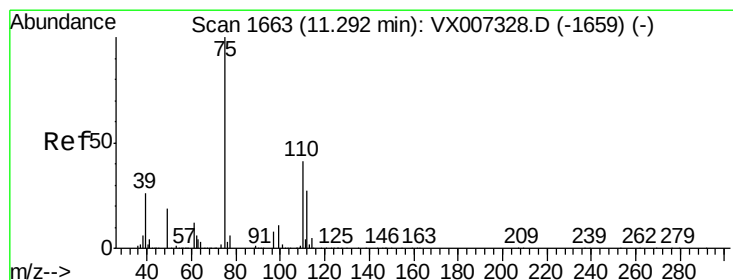
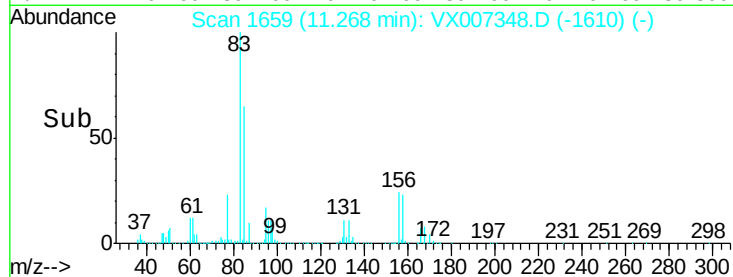
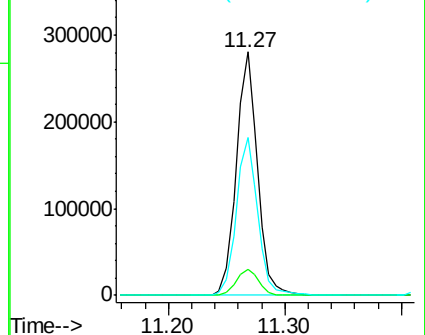
85 65.1 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.848 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX007348.D

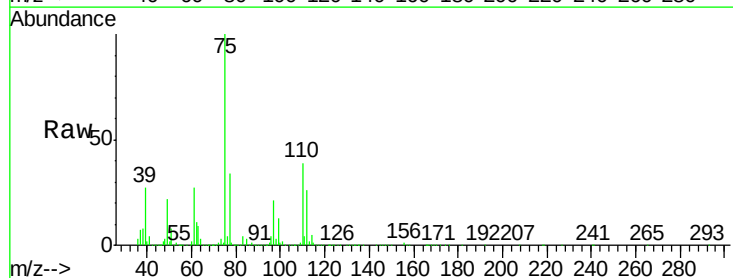
Acq: 01 Feb 2019 20:26

Tgt Ion: 75 Resp: 414561

Ion Ratio Lower Upper

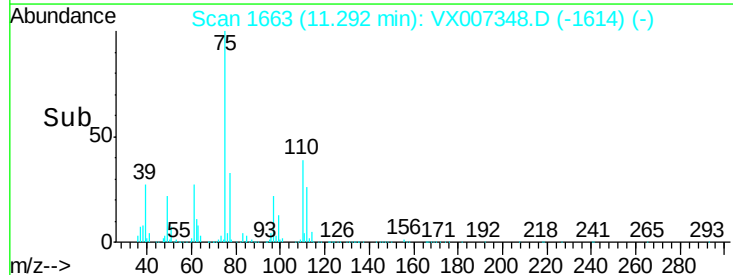
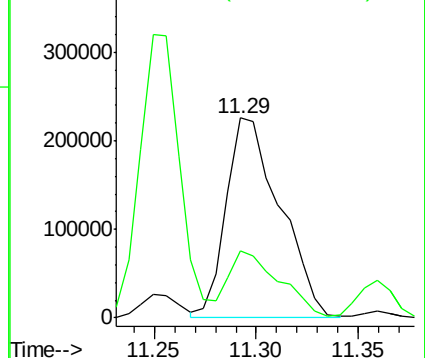
75 100

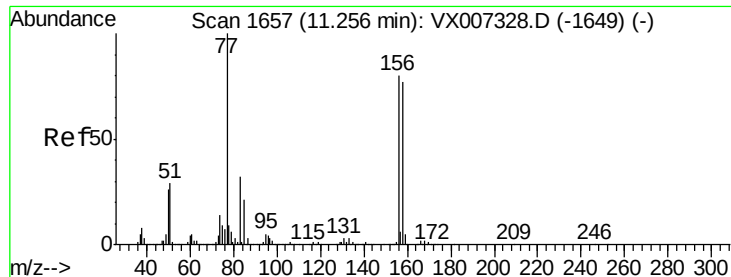
77 31.0 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.037 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

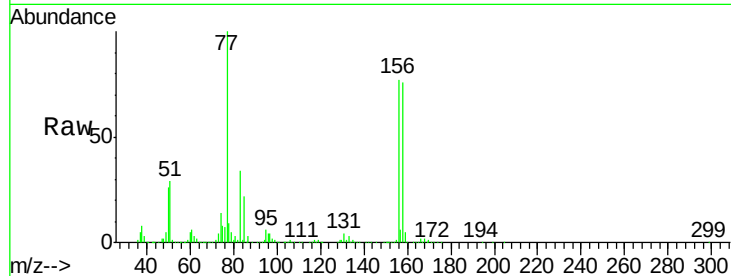
Tot Ion:156 Resp: 316944

Ion Ratio Lower Upper

156 100

77 137.9 66.8 200.6

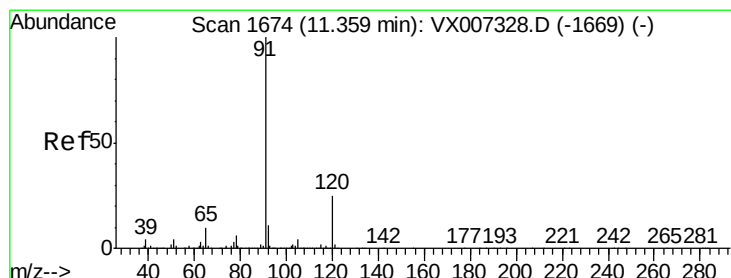
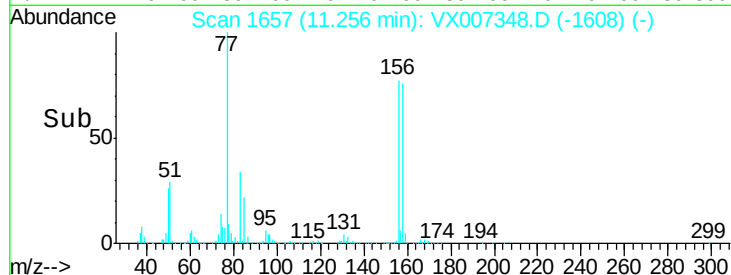
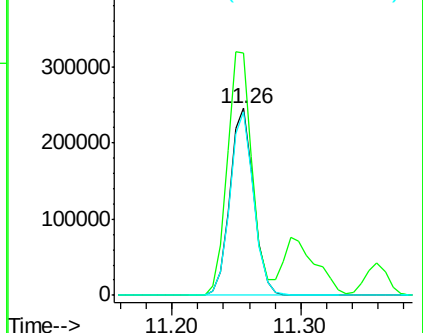
158 97.7 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.362 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007348.D

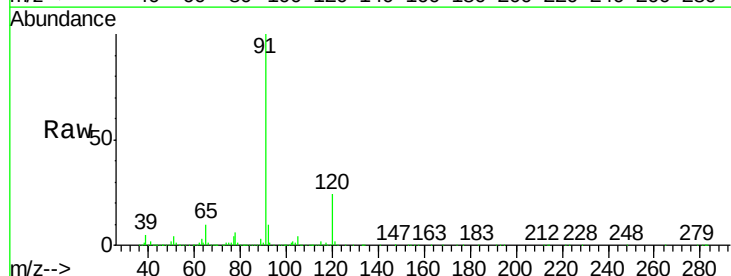
Acq: 01 Feb 2019 20:26

Tgt Ion: 91 Resp: 1318900

Ion Ratio Lower Upper

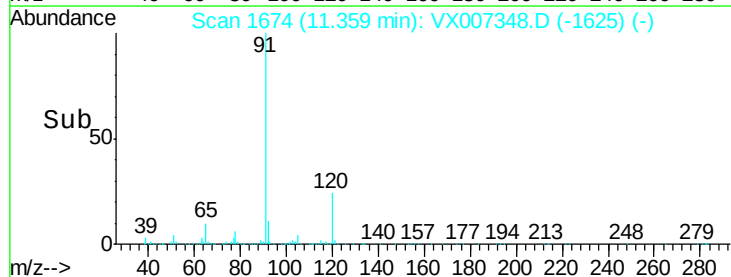
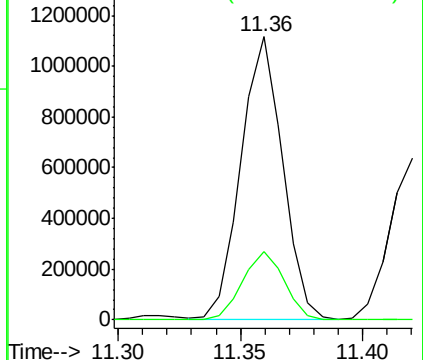
91 100

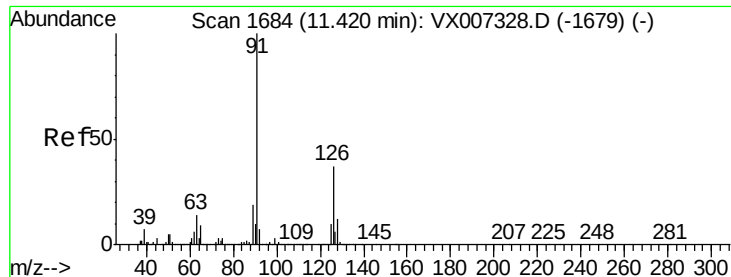
120 24.4 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.081 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

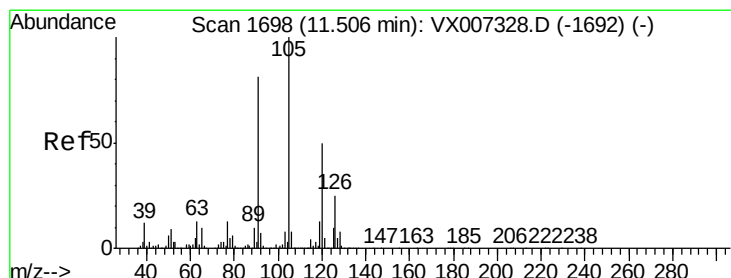
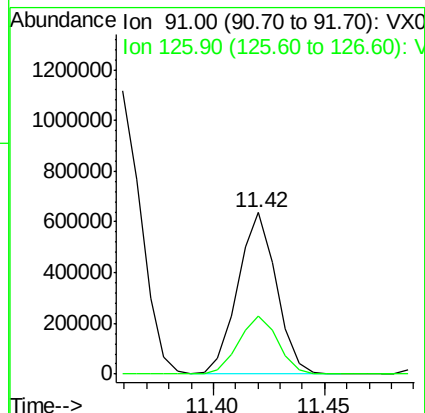
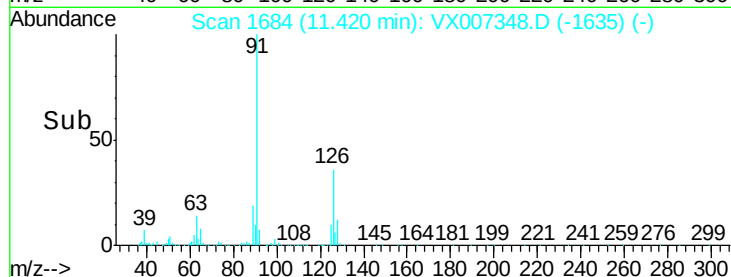
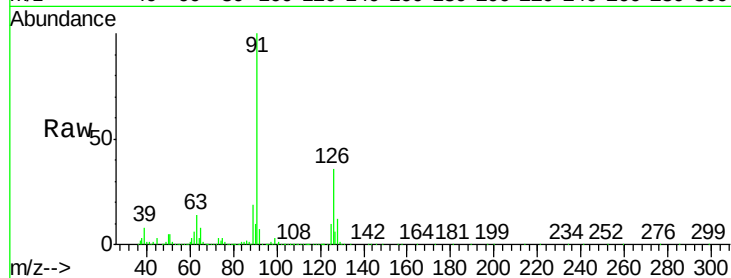
VSTDCCC050EC

Tot Ion: 91 Resp: 764744

Ion Ratio Lower Upper

91 100

126 37.0 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 50.575 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007348.D

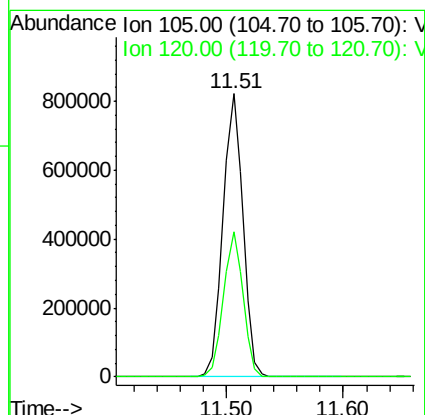
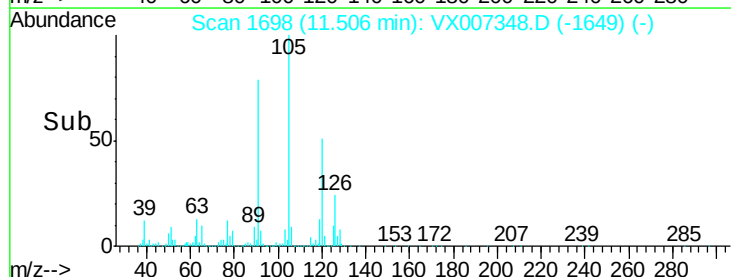
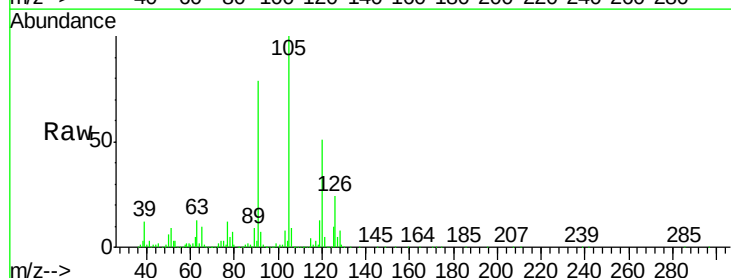
Acq: 01 Feb 2019 20:26

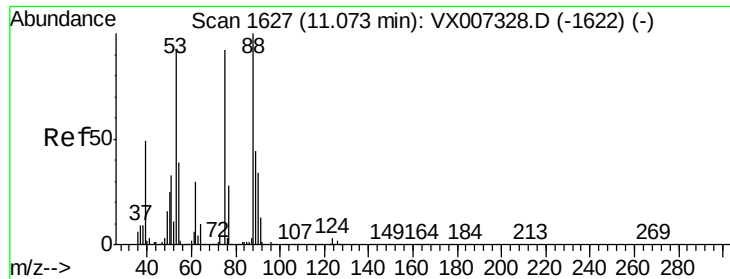
Tgt Ion:105 Resp: 968923

Ion Ratio Lower Upper

105 100

120 50.3 25.3 75.8

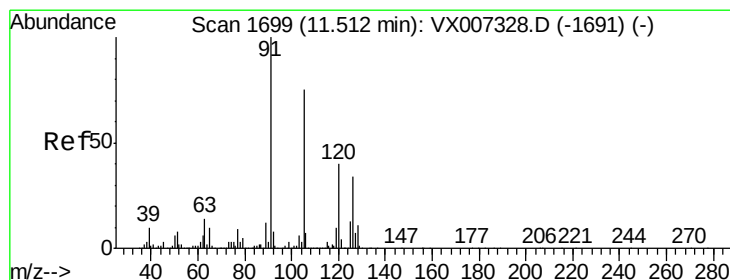
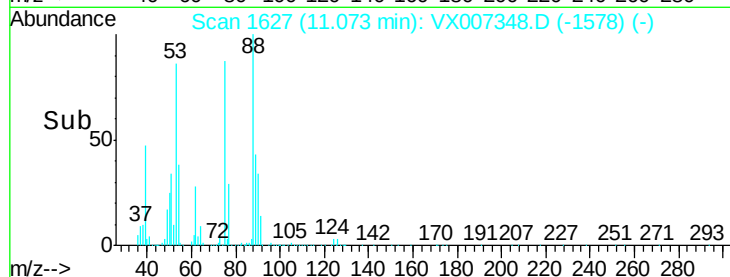
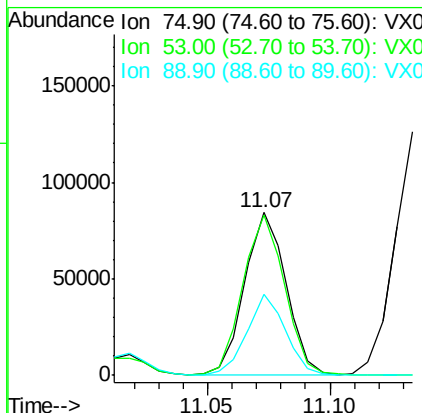
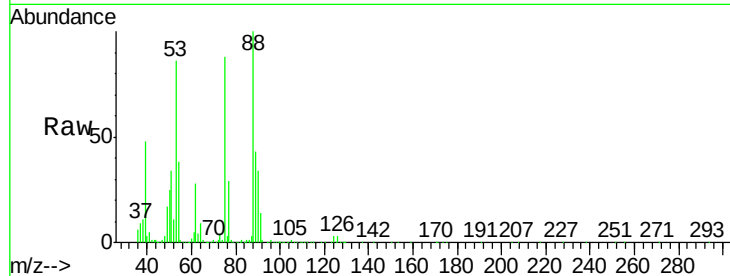




#81
trans-1,4-Dichloro-2-butene
Concen: 46.393 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

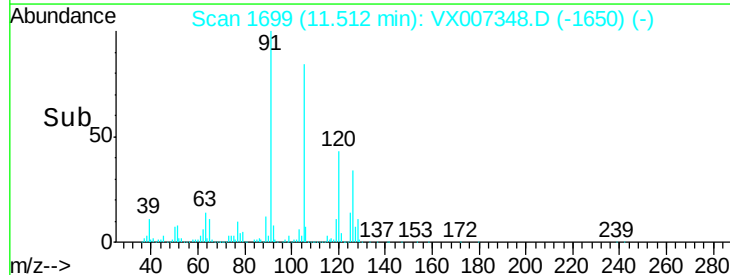
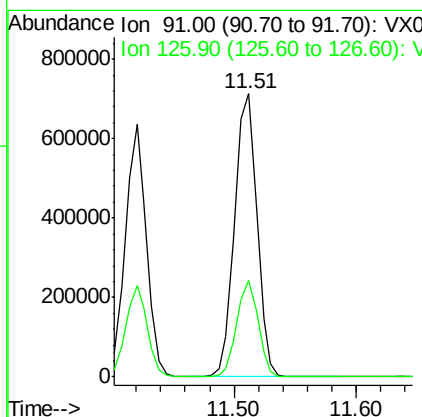
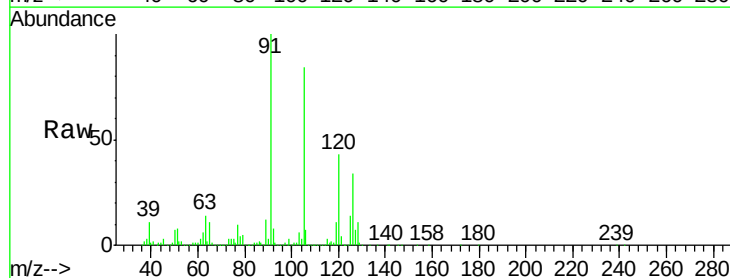
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

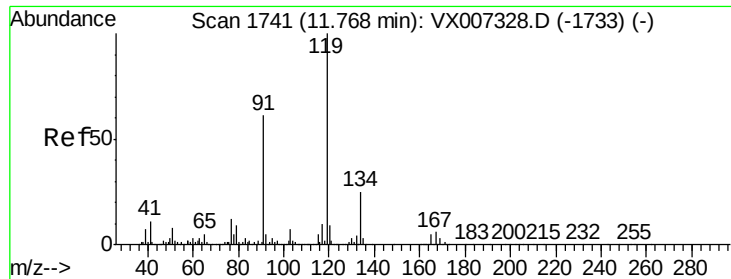
Tot Ion: 75 Resp: 99885
Ion Ratio Lower Upper
75 100
53 98.7 81.0 121.6
89 46.7 41.4 62.0



#82
4-Chlorotoluene
Concen: 49.689 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion: 91 Resp: 895853
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.5





#83

tert-Butylbenzene

Concen: 50.212 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

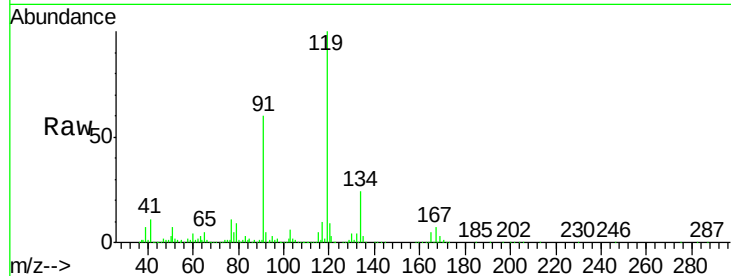
Tot Ion:119 Resp: 952409

Ion Ratio Lower Upper

119 100

91 56.2 28.5 85.6

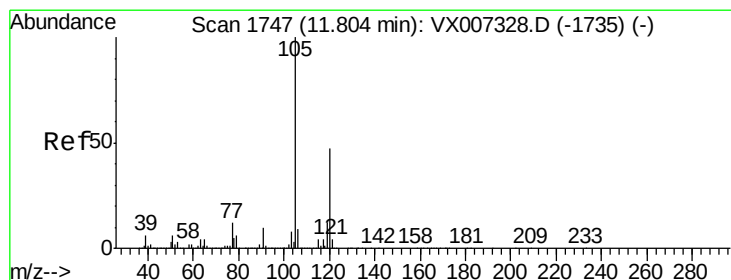
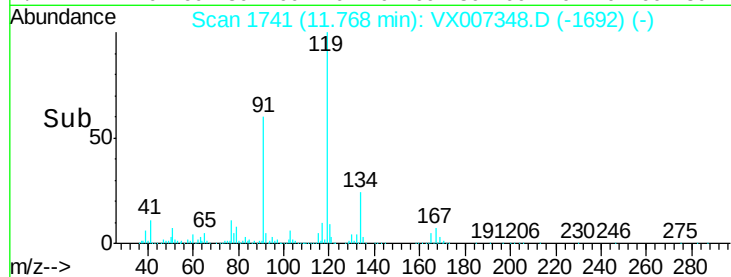
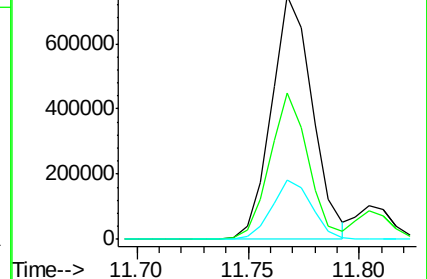
134 23.8 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.682 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007348.D

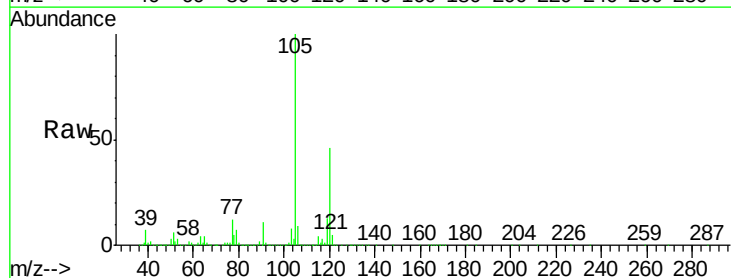
Acq: 01 Feb 2019 20:26

Tgt Ion:105 Resp: 985776

Ion Ratio Lower Upper

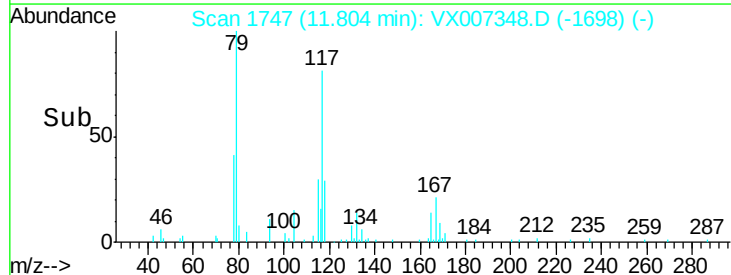
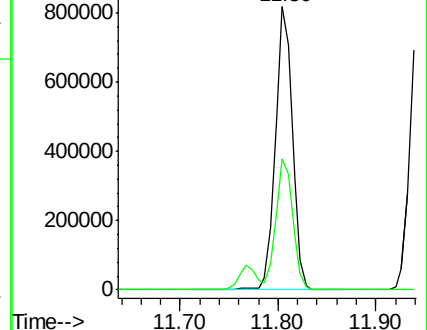
105 100

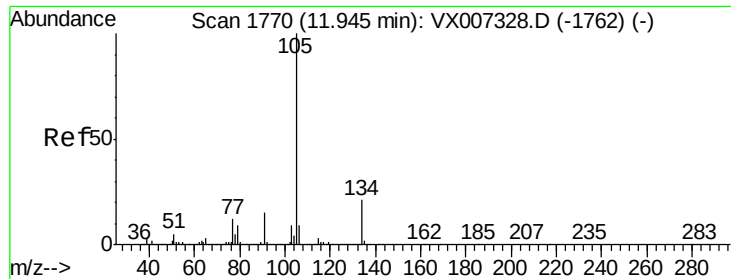
120 45.6 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.691 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

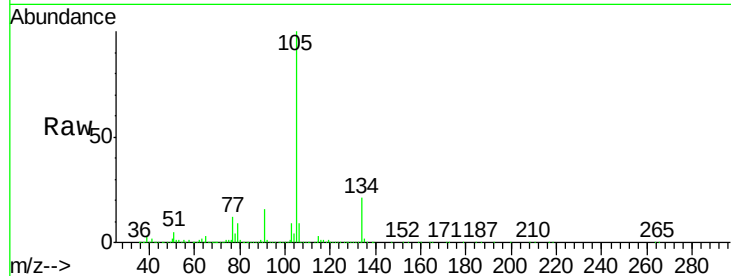
VSTDCCC050EC

Tot Ion:105 Resp: 1163712

Ion Ratio Lower Upper

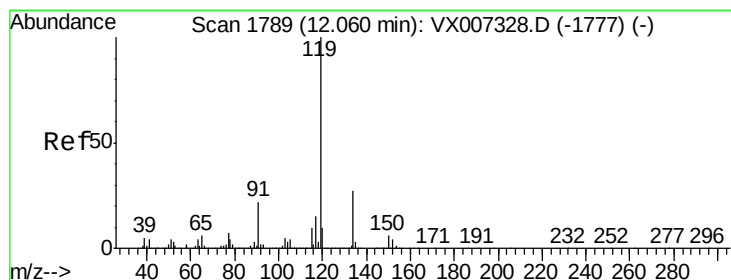
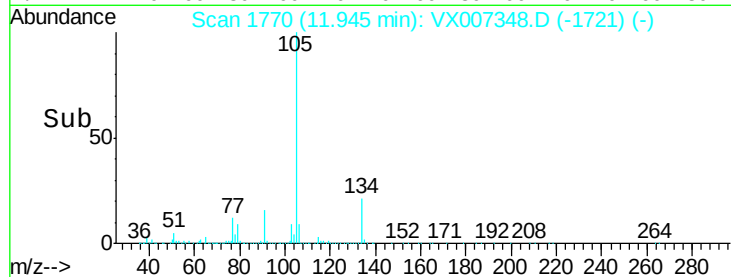
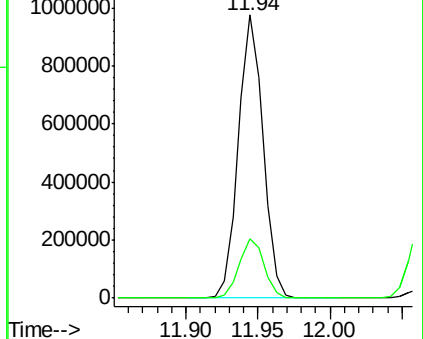
105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.676 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

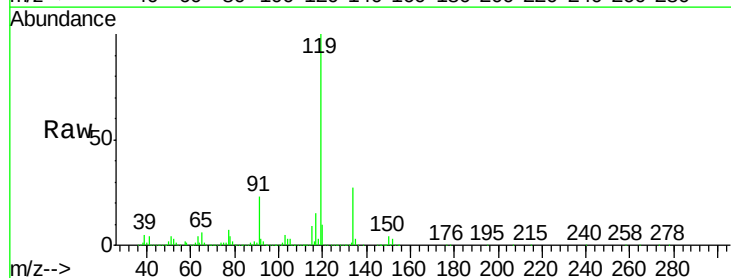
Tgt Ion:119 Resp: 1050175

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

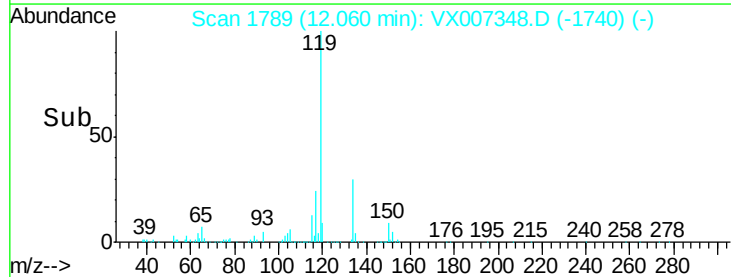
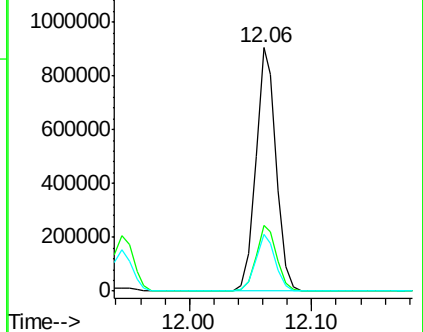
91 22.7 11.2 33.5

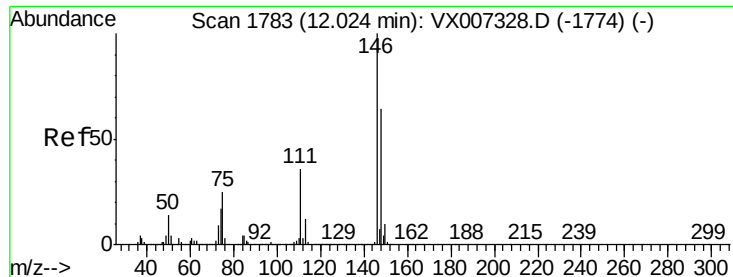


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

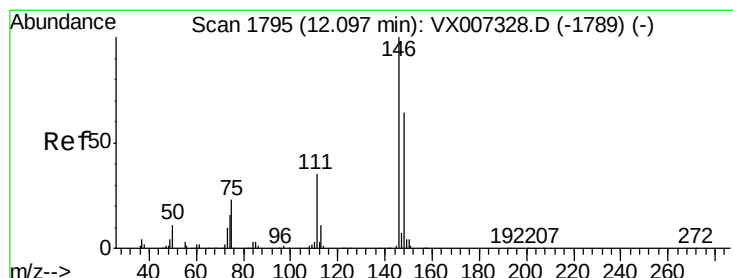
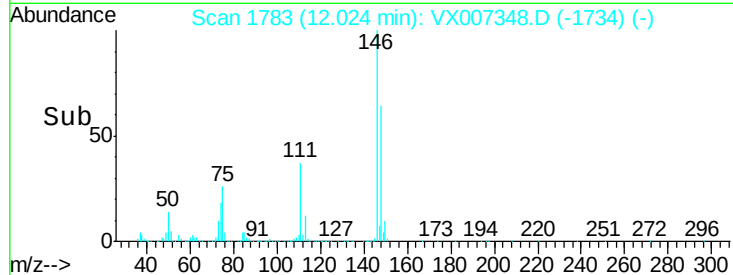
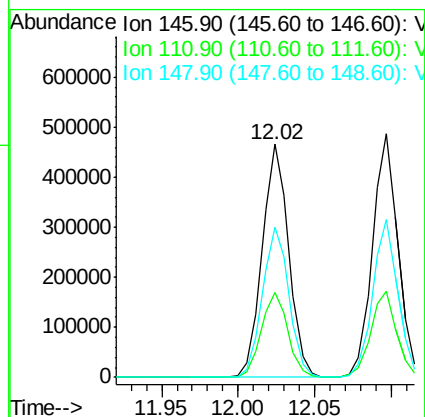
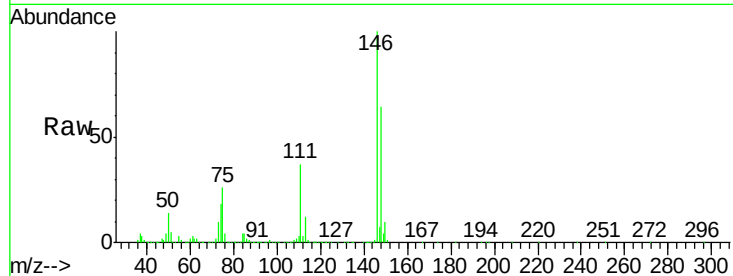




#87
 1,3-Dichlorobenzene
 Concen: 47.649 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

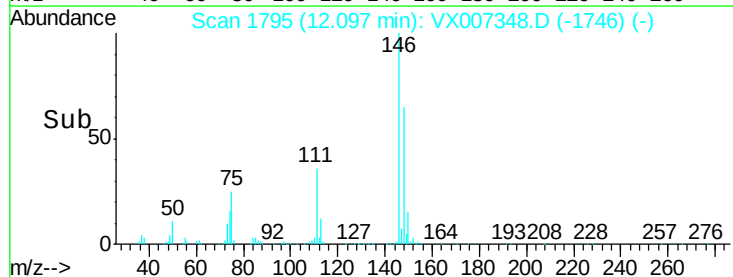
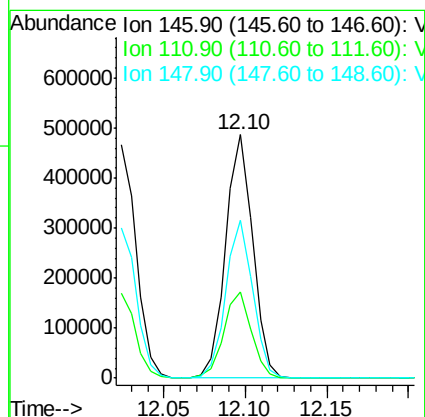
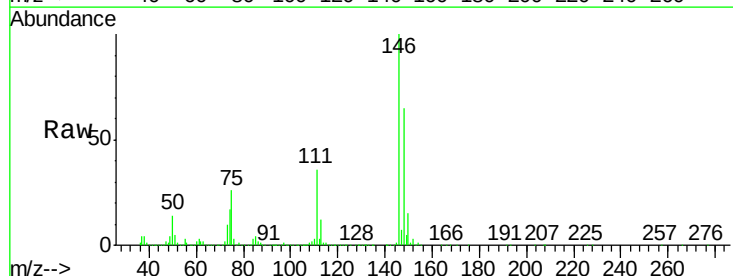
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

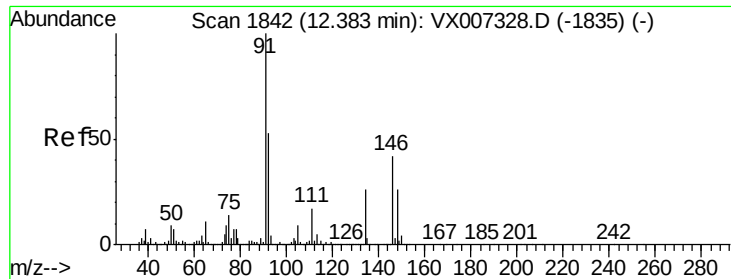
Tot Ion:146 Resp: 564213
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.1
 148 64.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.852 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Tgt Ion:146 Resp: 562849
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.1 54.1
 148 64.5 32.3 96.9

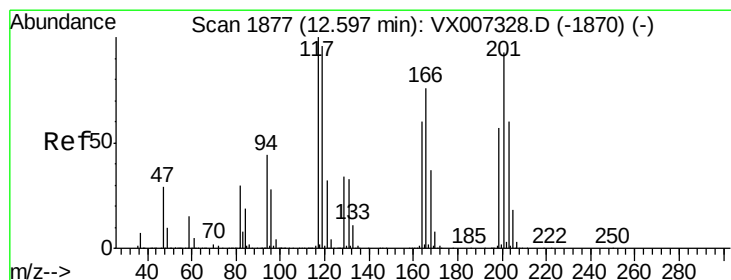
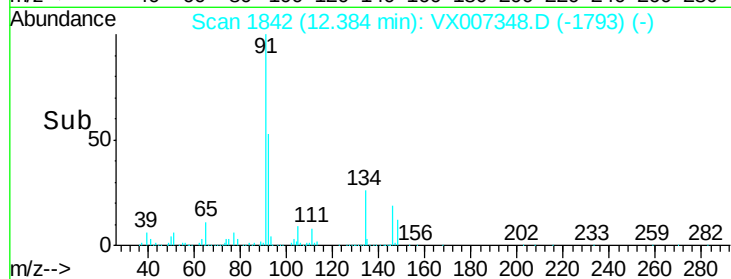
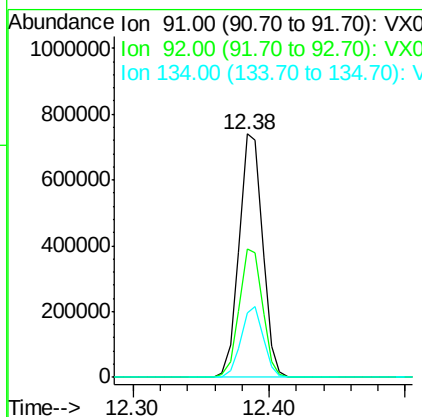
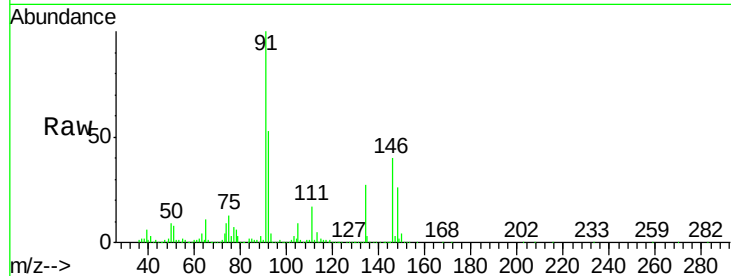




#89
n-Butylbenzene
Concen: 50.024 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

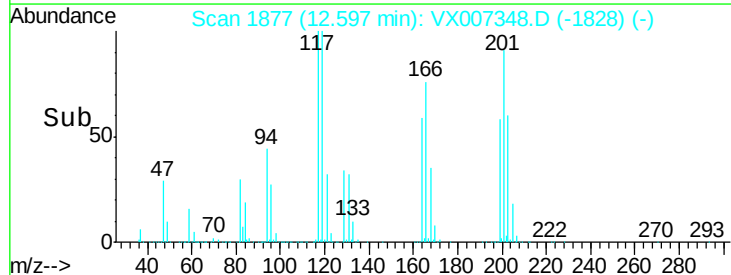
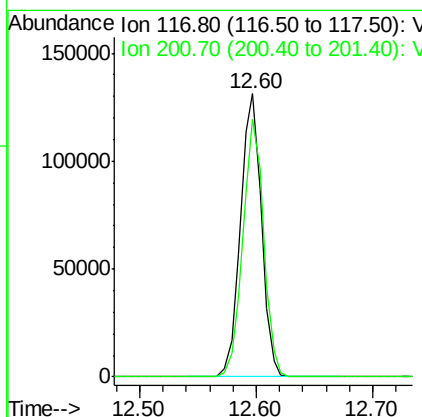
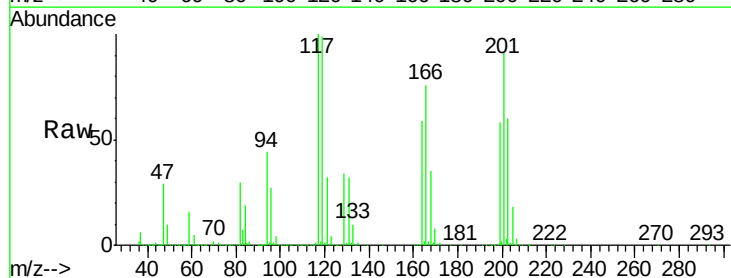
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

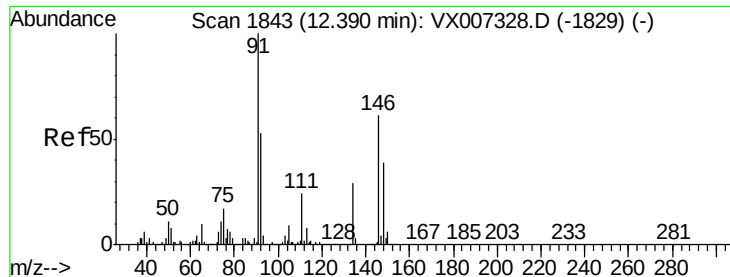
Tot Ion: 91 Resp: 891784
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 28.0 13.9 41.6



#90
Hexachloroethane
Concen: 53.160 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007348.D
Acq: 01 Feb 2019 20:26

Tgt Ion: 117 Resp: 164876
Ion Ratio Lower Upper
117 100
201 90.1 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 47.147 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

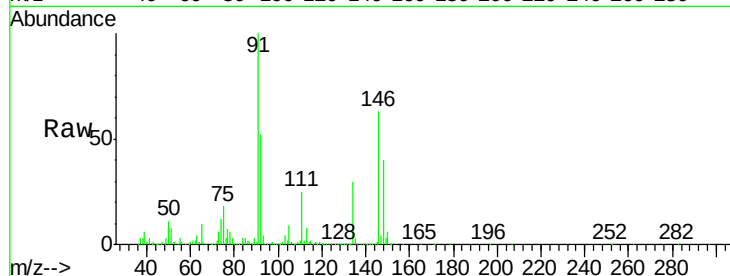
Tot Ion:146 Resp: 555587

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.3

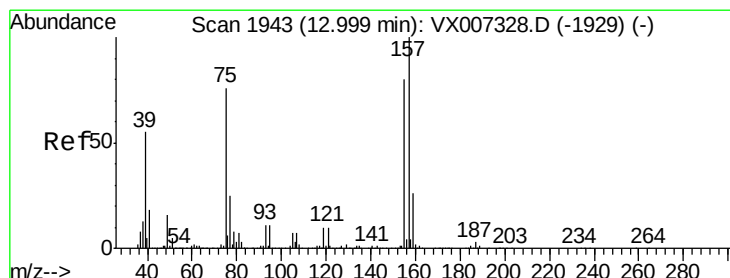
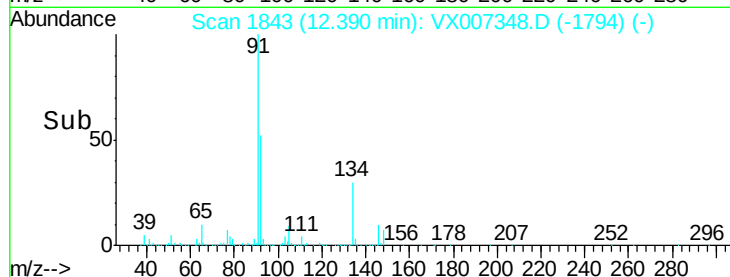
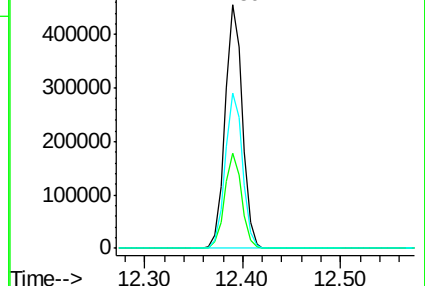
148 64.1 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.837 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

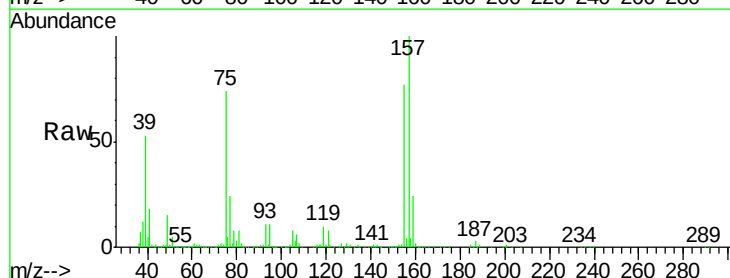
Tgt Ion: 75 Resp: 78407

Ion Ratio Lower Upper

75 100

155 100.0 49.6 149.0

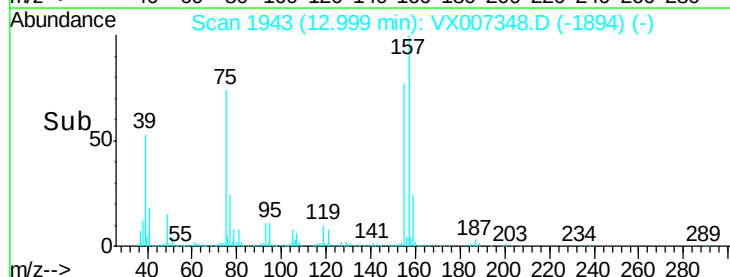
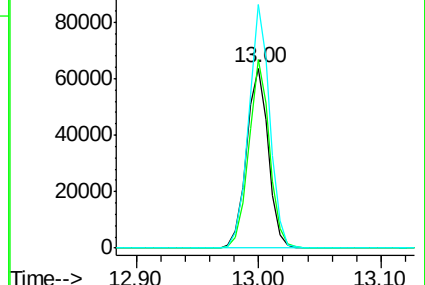
157 130.8 65.1 195.3

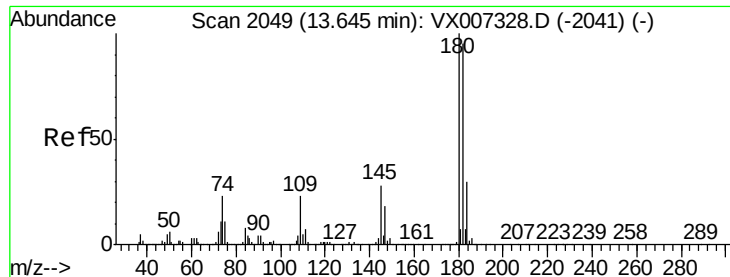


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

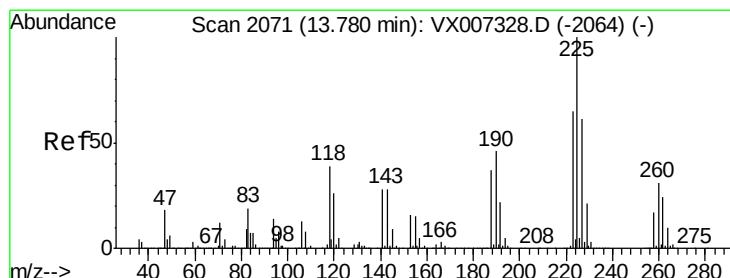
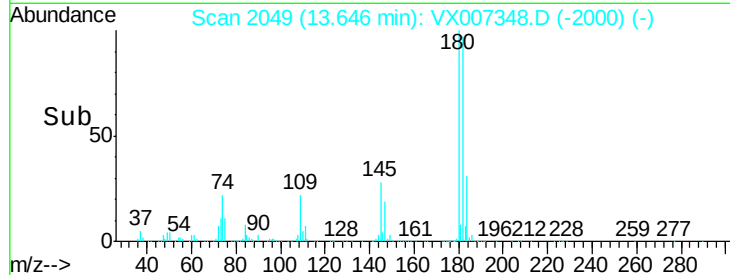
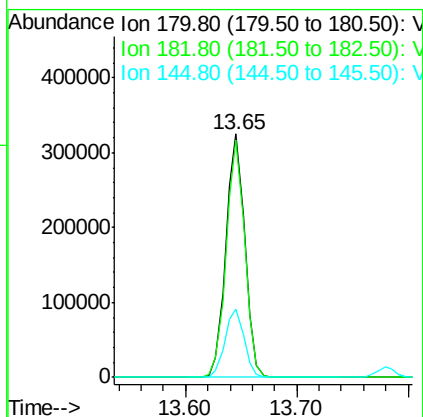
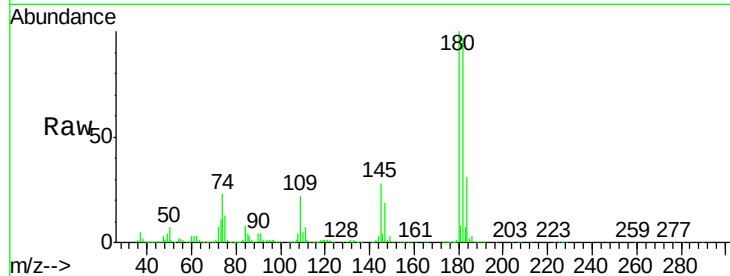




#93
 1,2,4-Trichlorobenzene
 Concen: 47.891 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

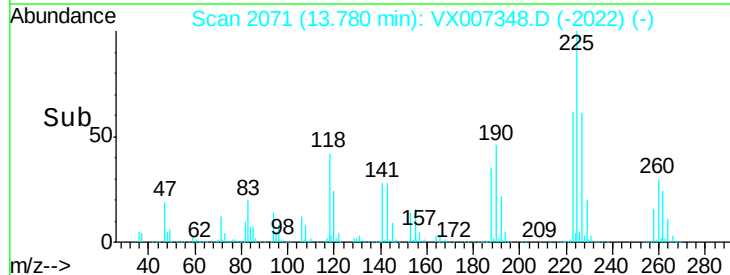
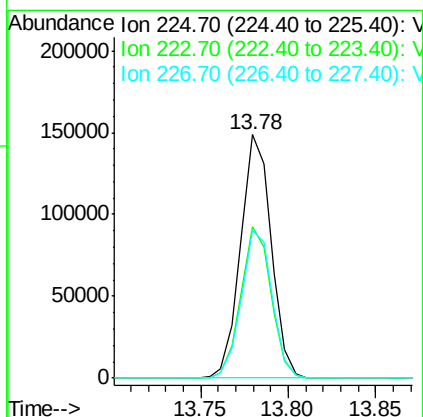
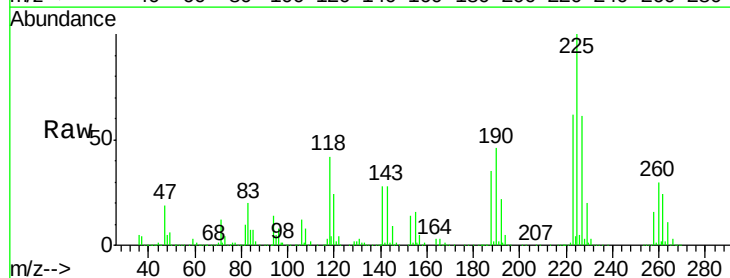
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

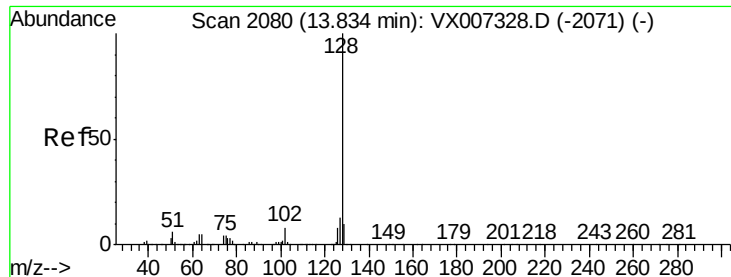
Tot Ion:180 Resp: 380600
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.8 143.3
 145 28.7 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 46.869 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007348.D
 Acq: 01 Feb 2019 20:26

Tgt Ion:225 Resp: 180863
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.6 94.8
 227 61.2 32.1 96.3





#95

Naphthalene

Concen: 50.933 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

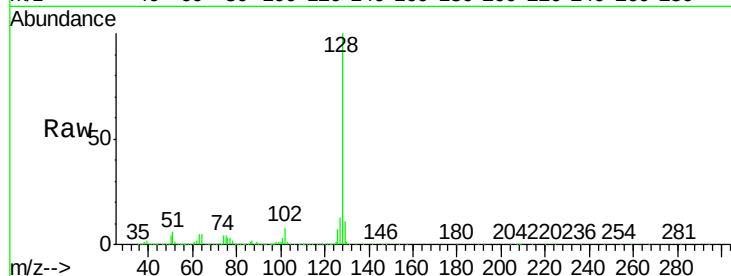
Tot Ion:128 Resp: 1183686

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

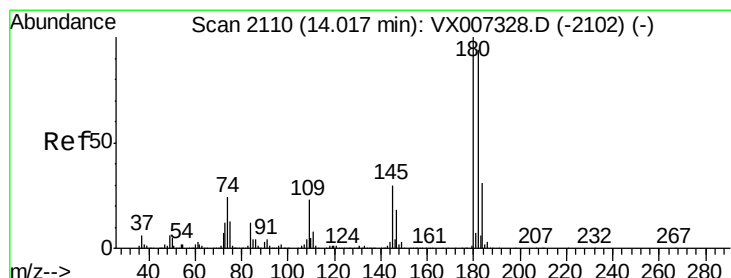
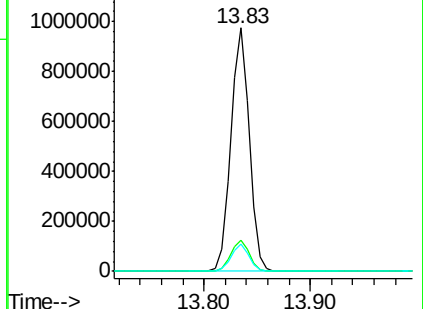
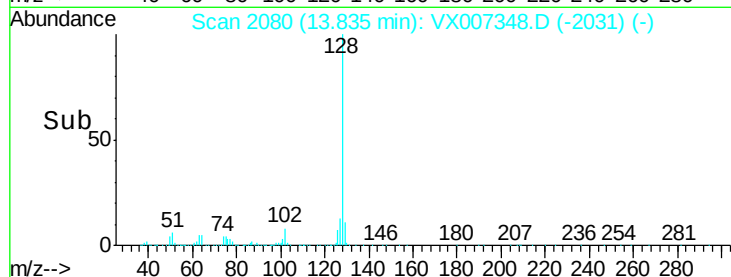
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.781 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007348.D

Acq: 01 Feb 2019 20:26

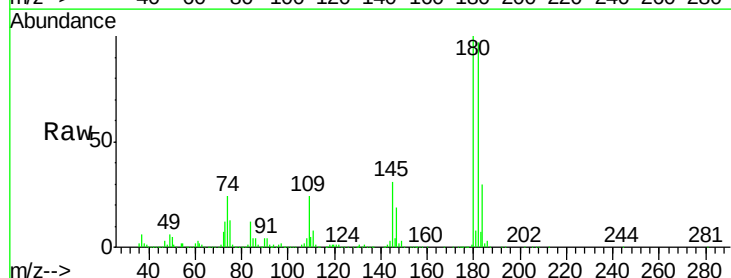
Tgt Ion:180 Resp: 382222

Ion Ratio Lower Upper

180 100

182 96.2 47.5 142.6

145 30.9 14.9 44.5



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

