

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011519\
 Data File : VX007049.D
 Acq On : 15 Jan 2019 10:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 16 00:00:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	561634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	801059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	740924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	398662	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	282173	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
35) Dibromofluoromethane	5.50	113	262936	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
50) Toluene-d8	8.71	98	986933	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	11.13	95	361410	55.21	ug/l	0.00
Spiked Amount			Recovery	=	110.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	260486	56.479	ug/l	97
3) Chloromethane	1.33	50	279618	52.079	ug/l	98
4) Vinyl Chloride	1.41	62	308038	53.335	ug/l	100
5) Bromomethane	1.64	94	306406	49.656	ug/l	98
6) Chloroethane	1.71	64	195484	48.474	ug/l	96
7) Trichlorofluoromethane	1.93	101	484753	51.945	ug/l	96
8) Diethyl Ether	2.19	74	182379	49.124	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	296270	53.029	ug/l	100
10) Methyl Iodide	2.51	142	436753	57.953	ug/l	100
11) Tert butyl alcohol	3.07	59	343897	248.375	ug/l	99
12) 1,1-Dichloroethene	2.38	96	263871	51.119	ug/l	96
13) Acrolein	2.30	56	151414	253.517	ug/l	98
14) Allyl chloride	2.73	41	458354	51.812	ug/l	100
15) Acrylonitrile	3.15	53	804778	253.193	ug/l	100
16) Acetone	2.45	43	772287	266.148	ug/l	100
17) Carbon Disulfide	2.57	76	652020	49.062	ug/l	99
18) Methyl Acetate	2.78	43	418774	49.835	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	910695	50.831	ug/l	98
20) Methylene Chloride	2.86	84	294069	53.320	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	281884	49.003	ug/l	97
22) Diisopropyl ether	3.87	45	854029	51.351	ug/l	94
23) Vinyl Acetate	3.82	43	3632782	259.014	ug/l	100
24) 1,1-Dichloroethane	3.70	63	506198	54.432	ug/l	97
25) 2-Butanone	4.70	43	1071591	258.094	ug/l	99
26) 2,2-Dichloropropane	4.59	77	387400	54.174	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	317634	50.061	ug/l	97
28) Bromochloromethane	5.02	49	200972	49.325	ug/l	97
29) Tetrahydrofuran	5.15	42	672683	249.304	ug/l	98
30) Chloroform	5.21	83	501451	51.502	ug/l	97
31) Cyclohexane	5.57	56	433973	52.431	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	434191	52.611	ug/l	98
36) 1,1-Dichloropropene	5.80	75	373034	53.562	ug/l	99
37) Ethyl Acetate	4.85	43	391800	52.473	ug/l	99
38) Carbon Tetrachloride	5.78	117	385683	55.041	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	482114	54.300	ug/l	99
40) Benzene	6.14	78	1122042	52.800	ug/l	100
41) Methacrylonitrile	5.06	41	222189	51.655	ug/l	98
42) 1,2-Dichloroethane	6.20	62	380588	51.826	ug/l	99
43) Isopropyl Acetate	6.46	43	642175	54.525	ug/l	98
44) Trichloroethene	7.21	130	333401	52.355	ug/l	98
45) 1,2-Dichloropropane	7.51	63	288210	53.946	ug/l	96
46) Dibromomethane	7.66	93	204314	54.415	ug/l	98
47) Bromodichloromethane	7.90	83	367315	57.472	ug/l	97
48) Methyl methacrylate	7.77	41	329346	54.453	ug/l	97
49) 1,4-Dioxane	7.75	88	153271	1110.617	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2112129	279.050	ug/l	98
52) Toluene	8.78	92	737292	53.980	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	421072	59.415	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	455058	58.144	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	308323	56.396	ug/l	99
56) Ethyl methacrylate	9.18	69	454414	56.935	ug/l	95
57) 1,3-Dichloropropane	9.37	76	484610	54.107	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1196850	291.659	ug/l	98
59) 2-Hexanone	9.49	43	1617476	280.422	ug/l	99
60) Dibromochloromethane	9.58	129	329758	62.117	ug/l	97
61) 1,2-Dibromoethane	9.67	107	333502	55.411	ug/l	99
64) Tetrachloroethene	9.34	164	340267	53.045	ug/l	97
65) Chlorobenzene	10.14	112	874689	54.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	316961	58.305	ug/l	99
67) Ethyl Benzene	10.25	91	1459952	54.725	ug/l	98
68) m/p-Xylenes	10.36	106	1165380	110.875	ug/l	99
69) o-Xylene	10.69	106	565918	55.208	ug/l	98
70) Styrene	10.71	104	921553	56.764	ug/l	99
71) Bromoform	10.86	173	249167	51.114	ug/l	99
73) Isopropylbenzene	11.02	105	1501278	53.405	ug/l	99
74) N-amyl acetate	10.90	43	590189	52.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	448446	50.250	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	520205	64.392	ug/l	90
77) Bromobenzene	11.26	156	407272	52.580	ug/l	99
78) n-propylbenzene	11.36	91	1722484	55.816	ug/l	99
79) 2-Chlorotoluene	11.42	91	982301	52.879	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1252909	53.340	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	136904	51.055	ug/l	96
82) 4-Chlorotoluene	11.51	91	1172213	54.500	ug/l	100
83) tert-Butylbenzene	11.77	119	1275371	54.420	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1291377	54.672	ug/l	100
85) sec-Butylbenzene	11.94	105	1543180	55.136	ug/l	100
86) p-Isopropyltoluene	12.06	119	1394070	55.685	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	738319	52.736	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	737179	55.557	ug/l	99
89) n-Butylbenzene	12.39	91	1217350	57.042	ug/l	99
90) Hexachloroethane	12.60	117	215803	53.763	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	719799	52.098	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	92664	52.500	ug/l	97

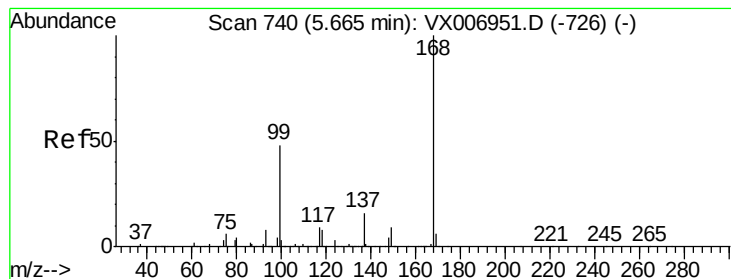
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	521237	54.989	ug/l	99
94) Hexachlorobutadiene	13.78	225	240409	57.153	ug/l	98
95) Naphthalene	13.83	128	1533768	53.399	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	509881	54.149	ug/l	98

(#) = 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. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

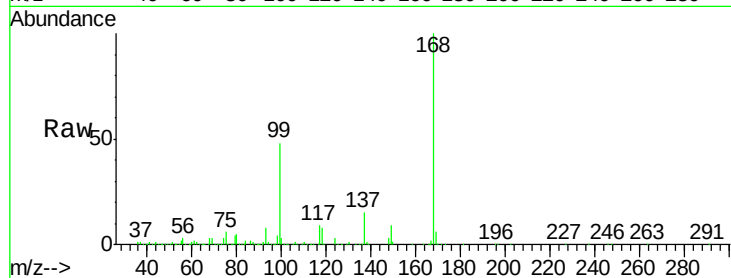
VSTDCCC050

Tot Ion:168 Resp: 561634

Ion Ratio Lower Upper

168 100

99 48.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

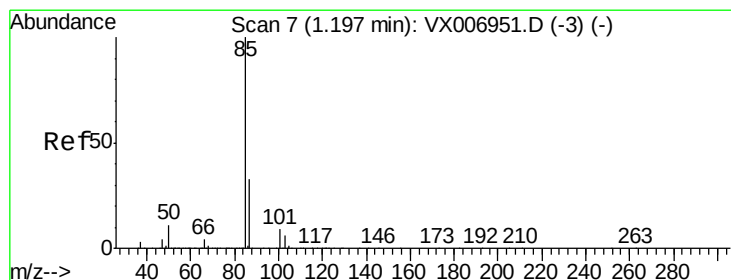
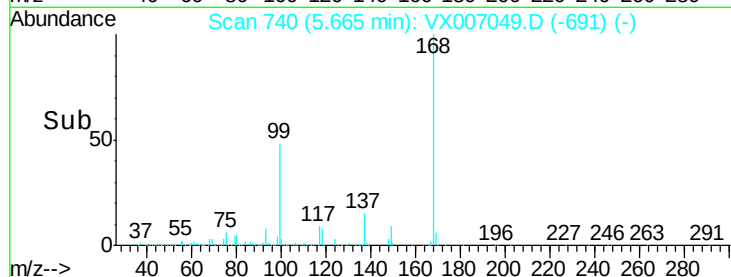
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 56.479 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007049.D

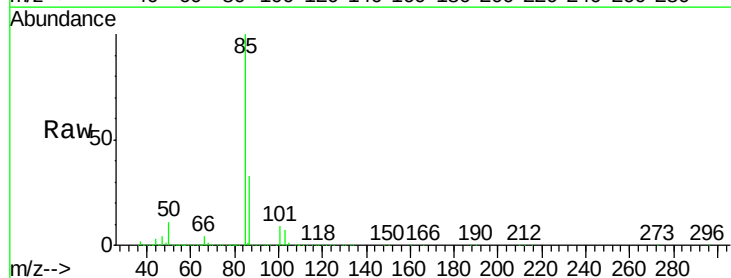
Acq: 15 Jan 2019 10:46

Tgt Ion: 85 Resp: 260486

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

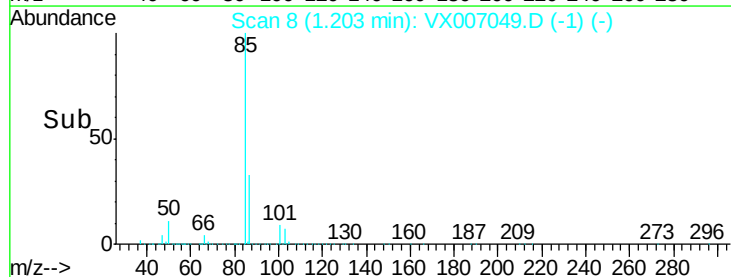
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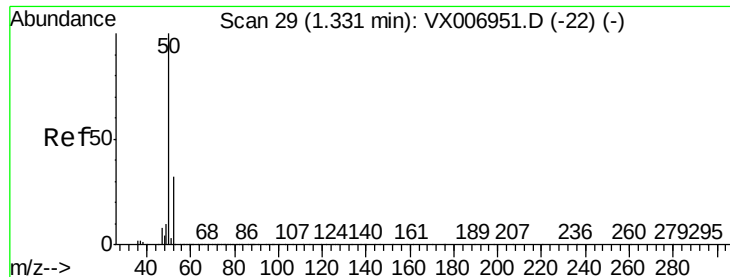
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Time-->

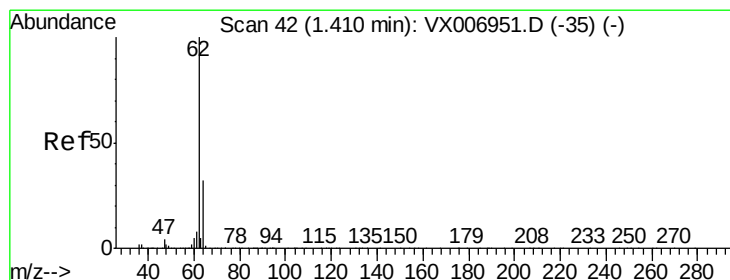
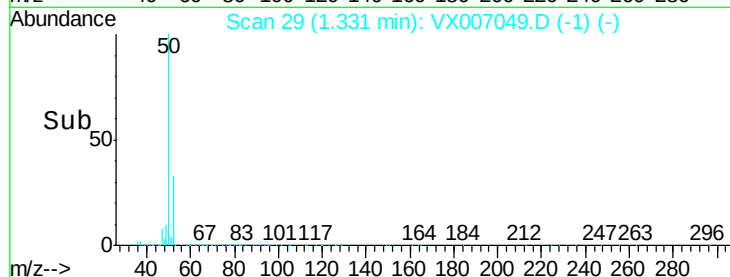
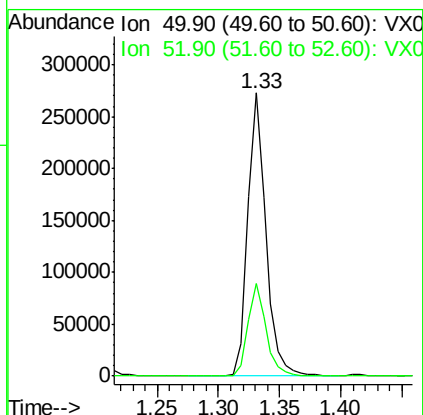
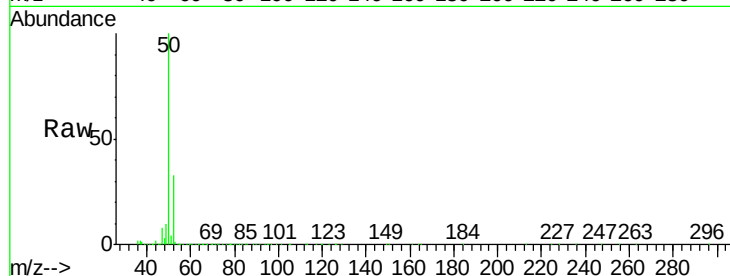




#3
Chloromethane
Concen: 52.079 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

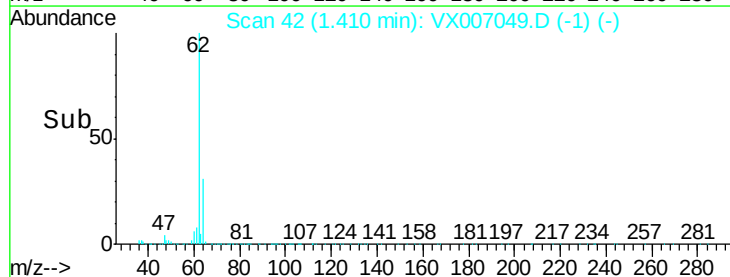
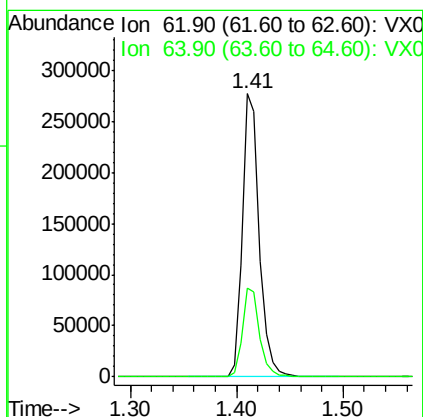
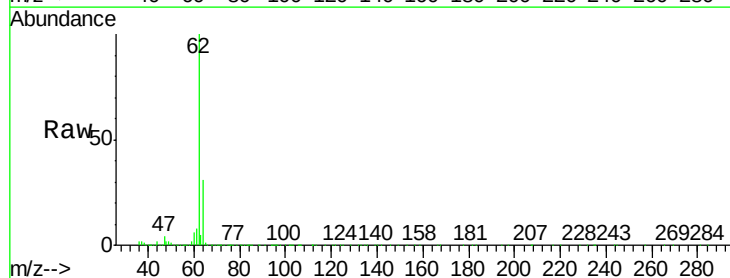
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

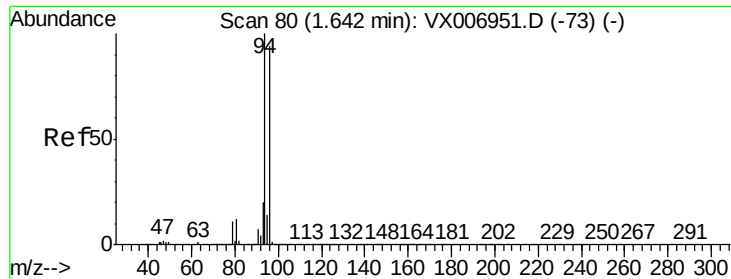
Tot Ion: 50 Resp: 279618
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 53.335 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion: 62 Resp: 308038
Ion Ratio Lower Upper
62 100
64 31.3 25.1 37.7





#5

Bromomethane

Concen: 49.656 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

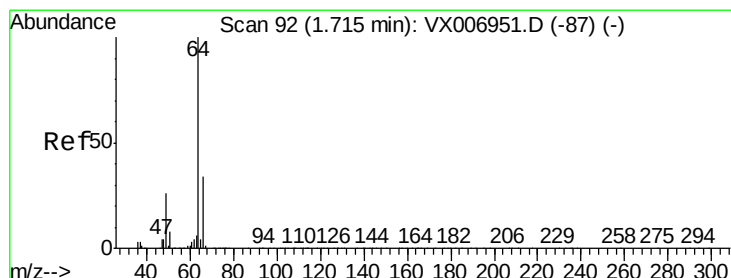
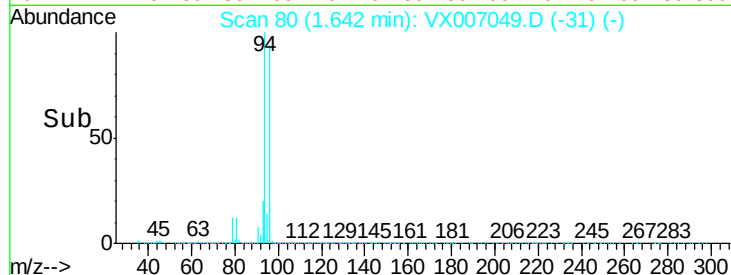
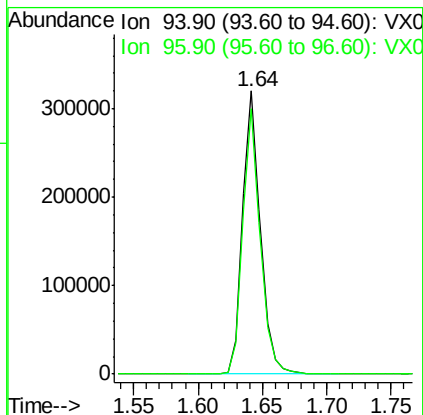
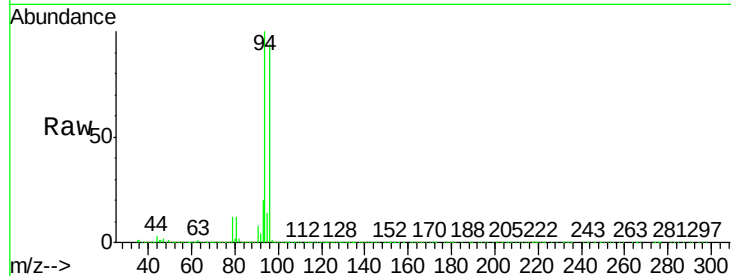
VSTDCCC050

Tot Ion: 94 Resp: 306406

Ion Ratio Lower Upper

94 100

96 94.0 73.4 110.2



#6

Chloroethane

Concen: 48.474 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007049.D

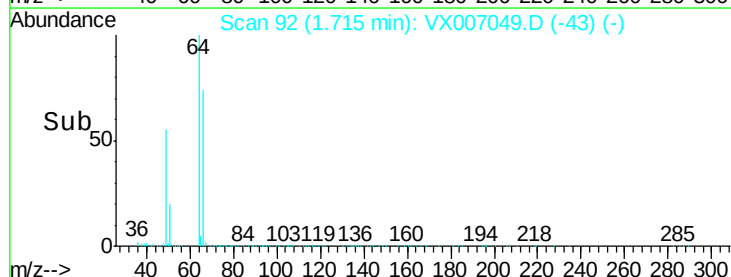
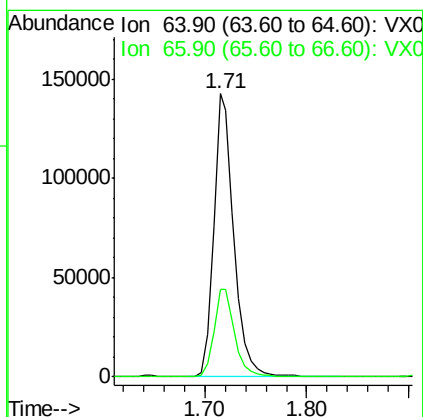
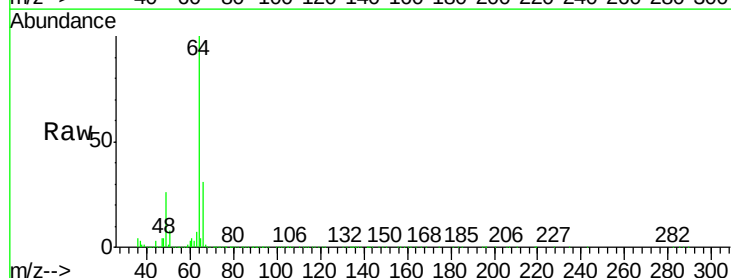
Acq: 15 Jan 2019 10:46

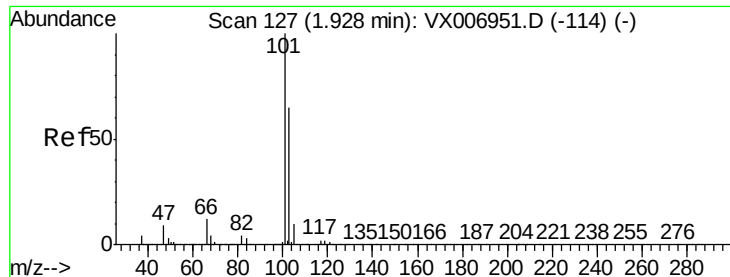
Tgt Ion: 64 Resp: 195484

Ion Ratio Lower Upper

64 100

66 31.0 26.4 39.6



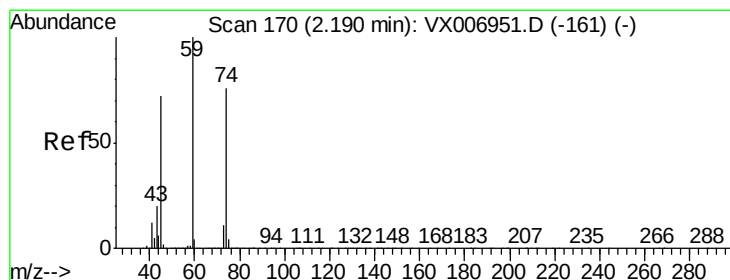
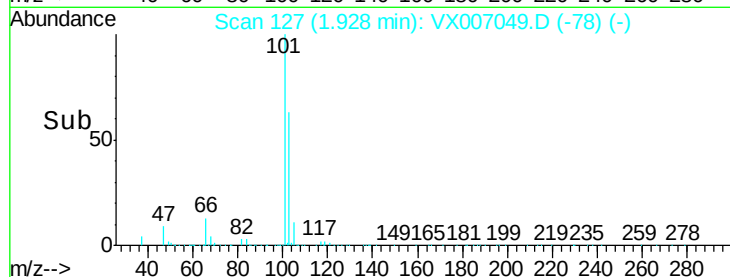
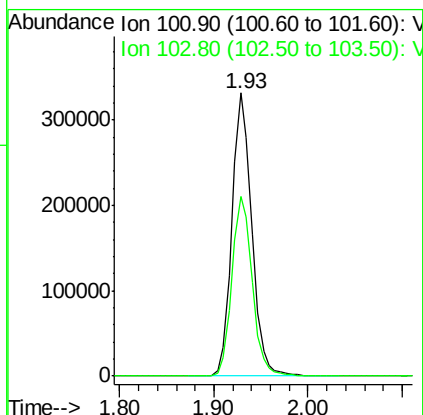
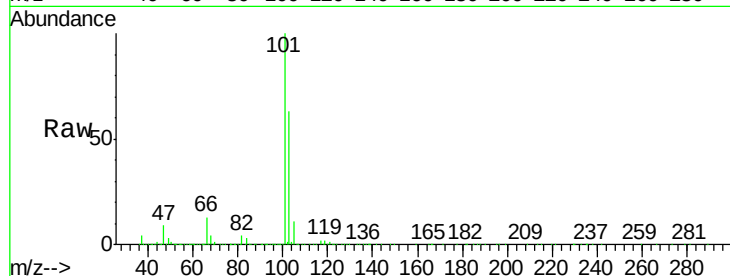


#7

Trichlorofluoromethane
Concen: 51.945 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

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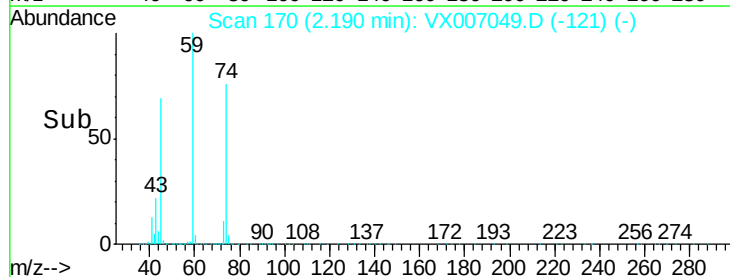
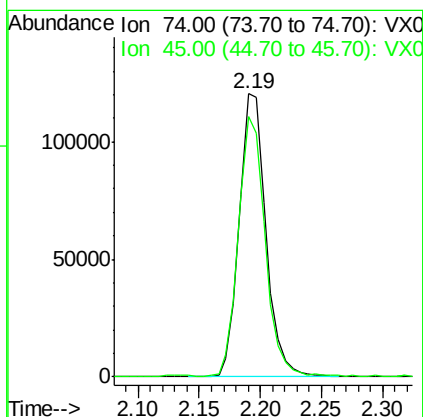
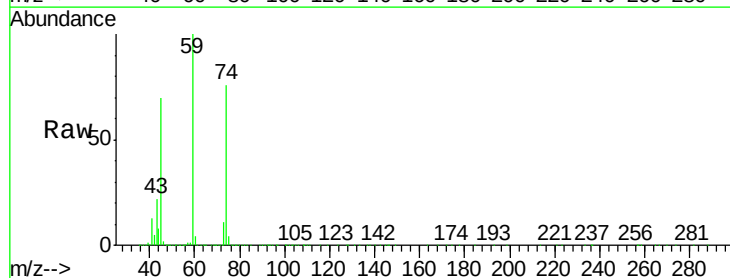
Tot Ion:101 Resp: 484753
Ion Ratio Lower Upper
101 100
103 63.4 53.2 79.8

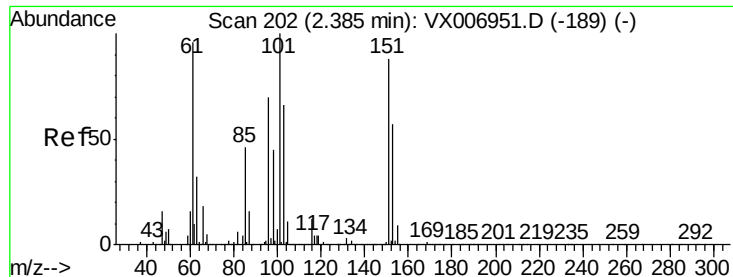


#8

Diethyl Ether
Concen: 49.124 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion: 74 Resp: 182379
Ion Ratio Lower Upper
74 100
45 91.8 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.029 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

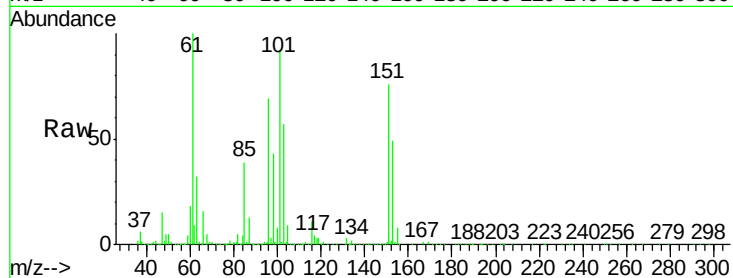
Tot Ion:101 Resp: 296270

Ion Ratio Lower Upper

101 100

85 43.5 35.1 52.7

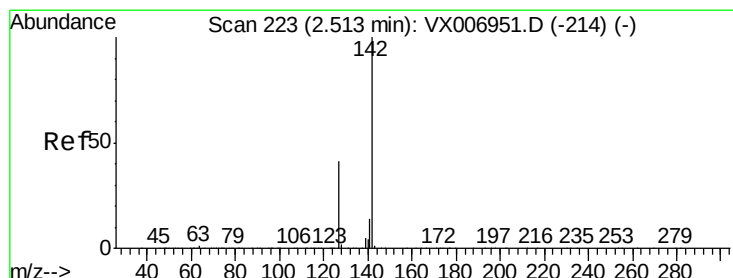
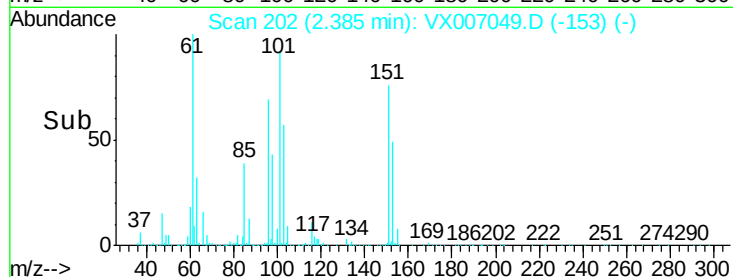
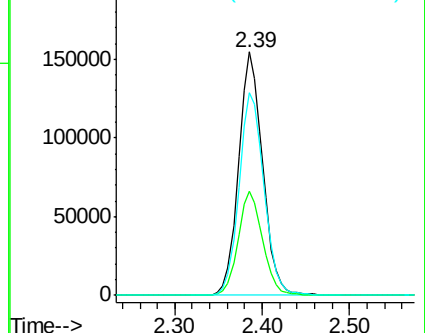
151 86.5 68.9 103.3



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: 57.953 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

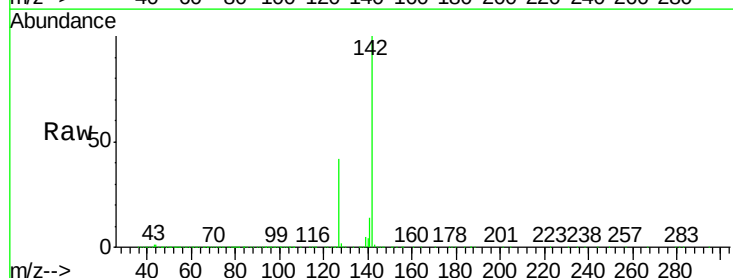
Tgt Ion:142 Resp: 436753

Ion Ratio Lower Upper

142 100

127 42.4 33.9 50.9

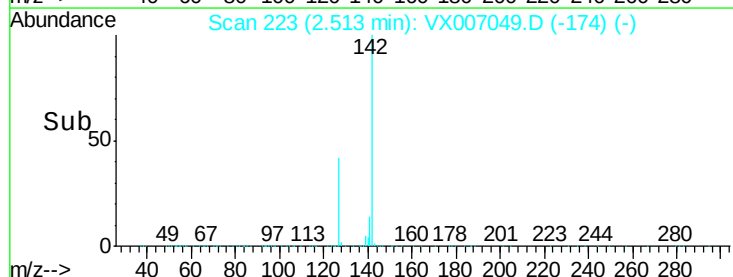
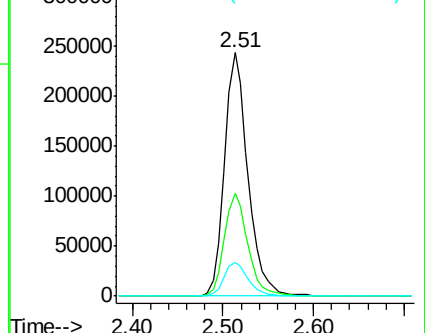
141 14.3 11.4 17.0

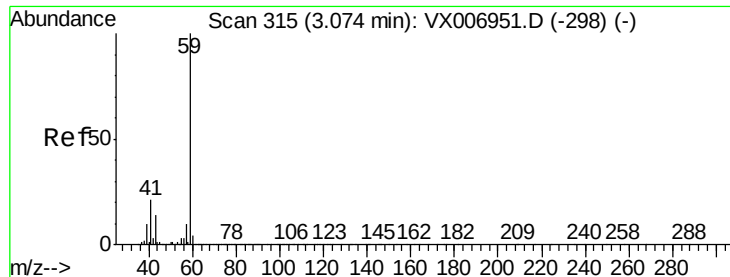


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



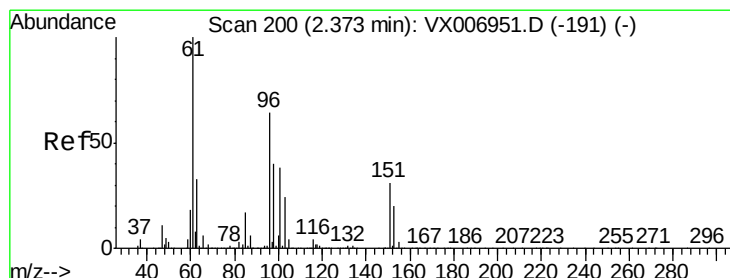
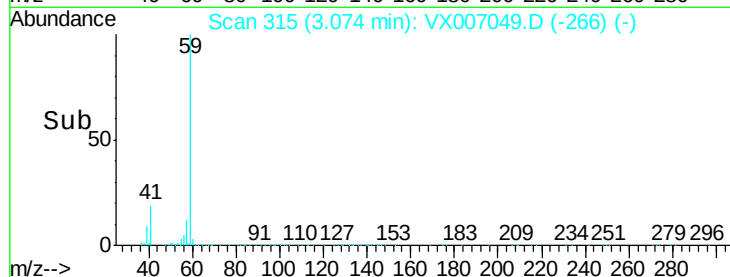
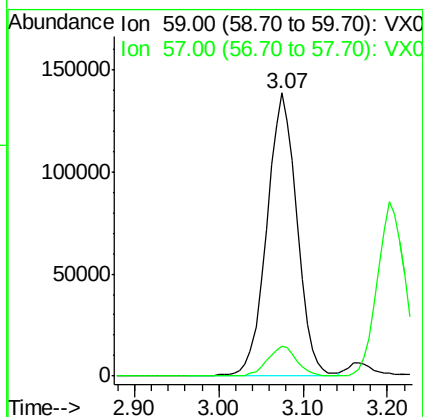
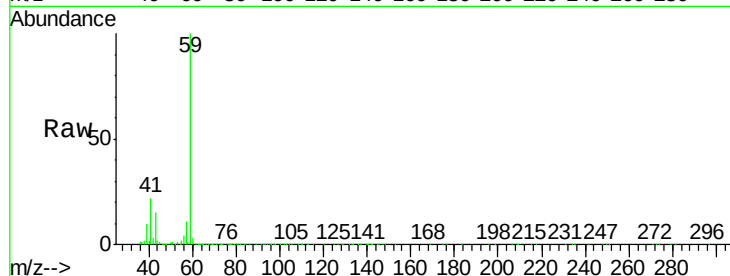


#11

Tert butyl alcohol
 Concen: 248.375 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

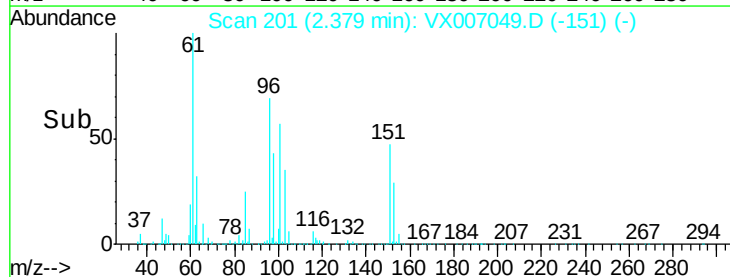
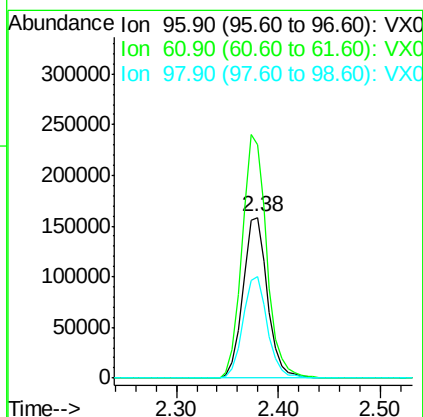
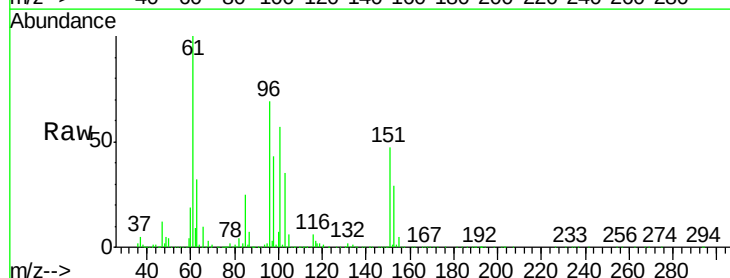
Tot Ion: 59 Resp: 343897
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

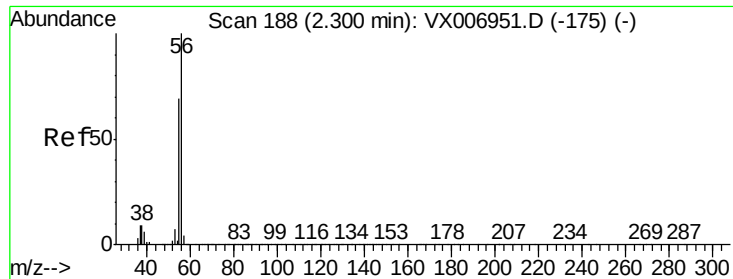


#12

1,1-Dichloroethene
 Concen: 51.119 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion: 96 Resp: 263871
 Ion Ratio Lower Upper
 96 100
 61 145.2 121.4 182.2
 98 63.1 51.9 77.9





#13

Acrolein

Concen: 253.517 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

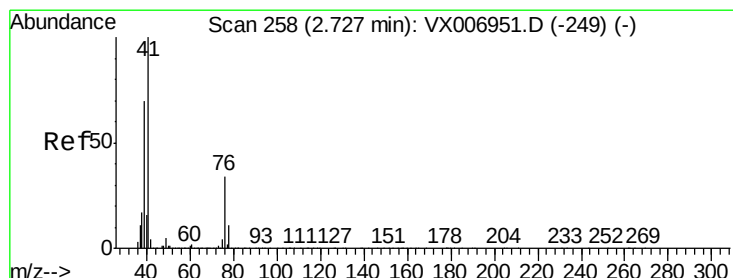
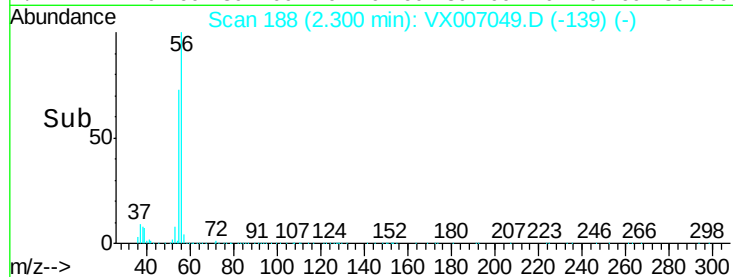
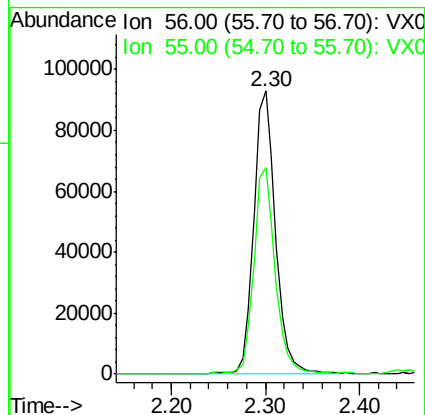
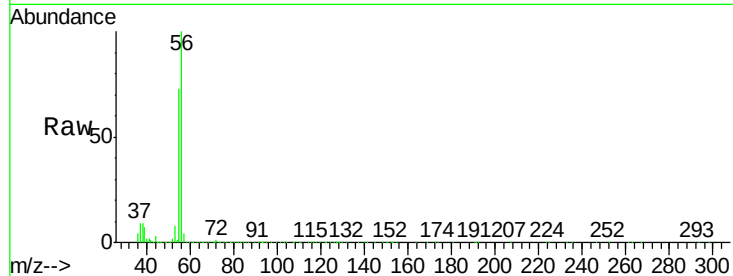
VSTDCCC050

Tot Ion: 56 Resp: 151414

Ion Ratio Lower Upper

56 100

55 71.5 58.2 87.4



#14

Allyl chloride

Concen: 51.812 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

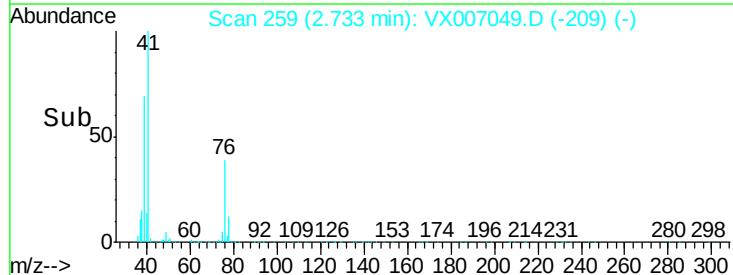
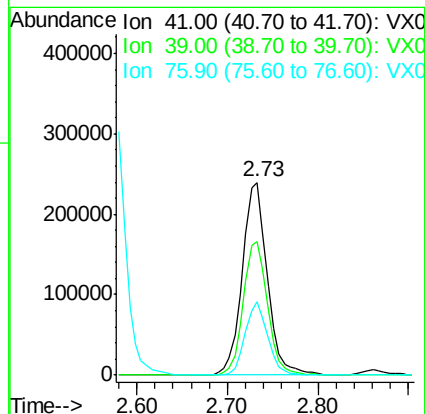
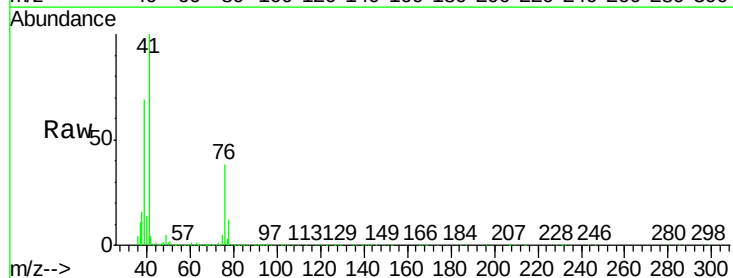
Tgt Ion: 41 Resp: 458354

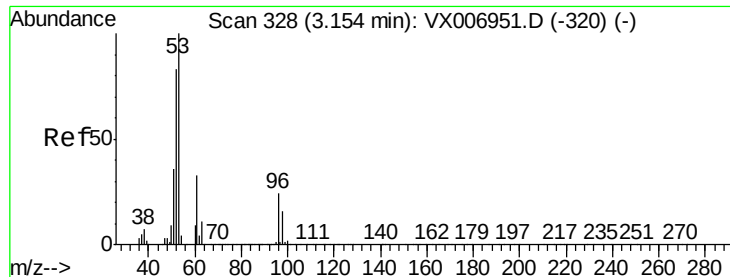
Ion Ratio Lower Upper

41 100

39 66.9 53.6 80.4

76 34.2 27.4 41.2





#15

Acrylonitrile

Concen: 253.193 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

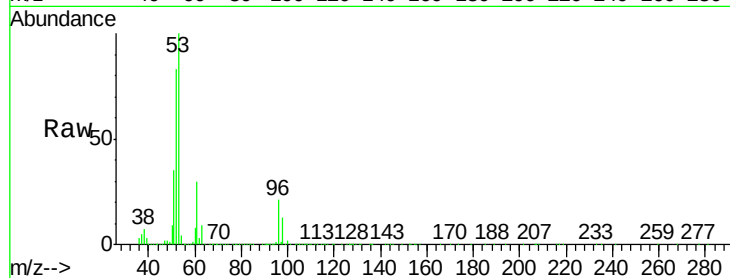
Tot Ion: 53 Resp: 804778

Ion Ratio Lower Upper

53 100

52 82.6 66.0 99.0

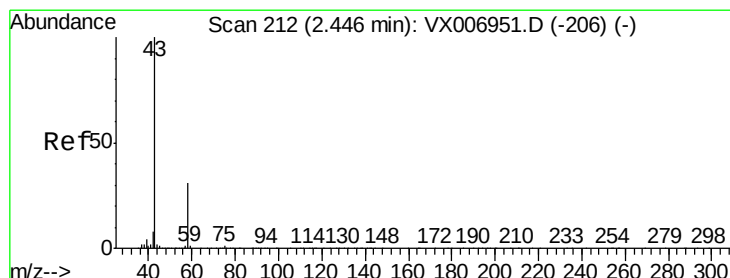
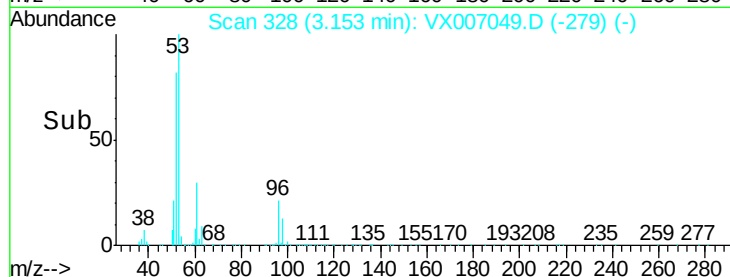
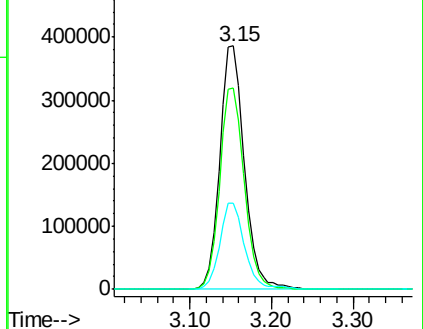
51 35.6 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 266.148 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007049.D

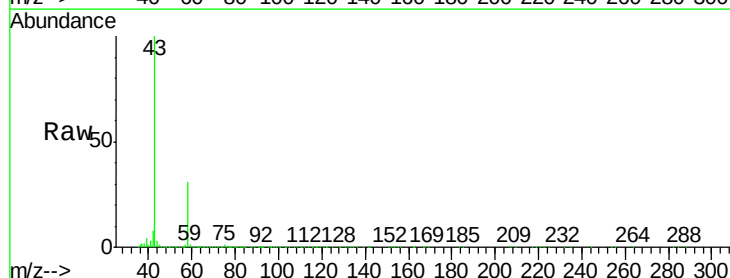
Acq: 15 Jan 2019 10:46

Tgt Ion: 43 Resp: 772287

Ion Ratio Lower Upper

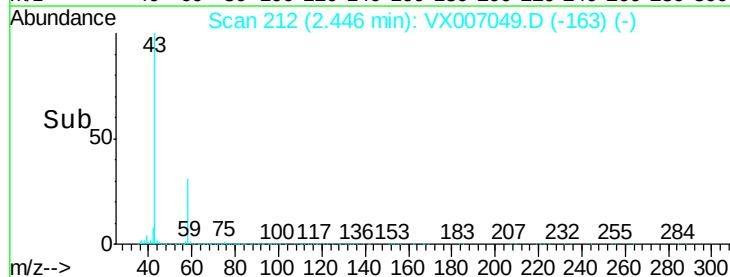
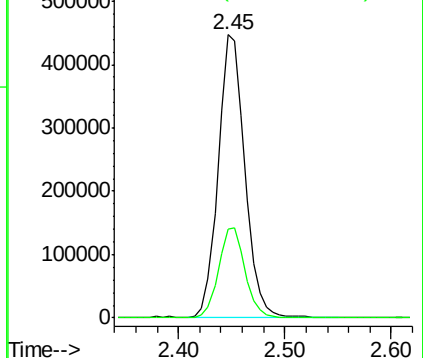
43 100

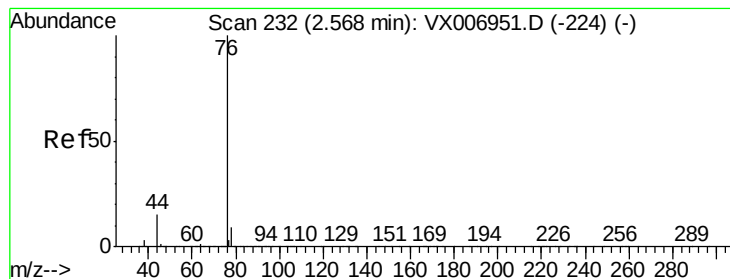
58 31.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.062 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

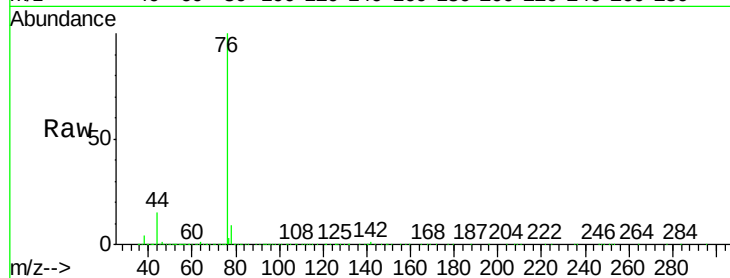
VSTDCCC050

Tot Ion: 76 Resp: 652020

Ion Ratio Lower Upper

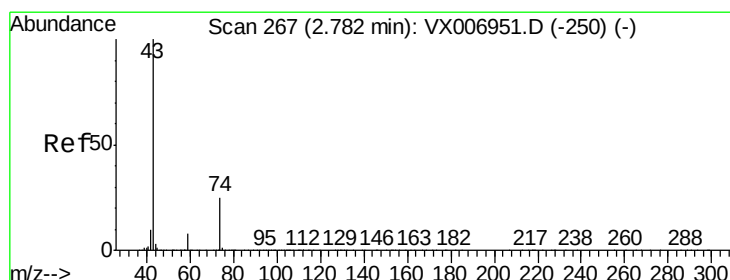
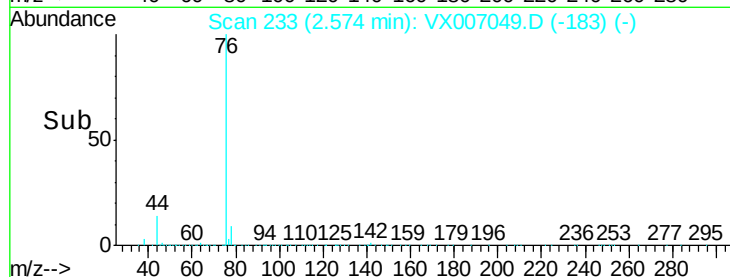
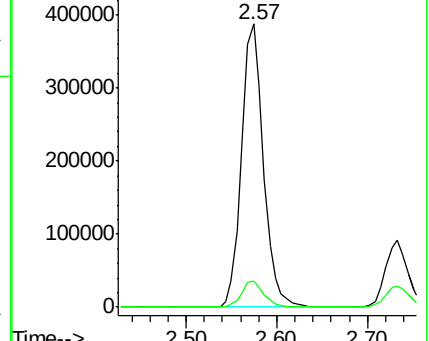
76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.835 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007049.D

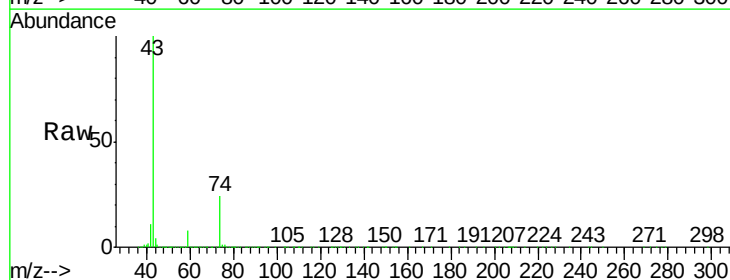
Acq: 15 Jan 2019 10:46

Tgt Ion: 43 Resp: 418774

Ion Ratio Lower Upper

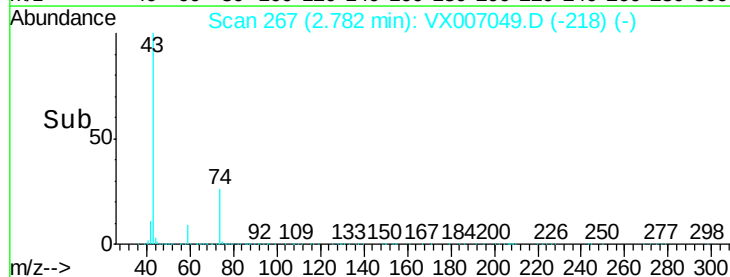
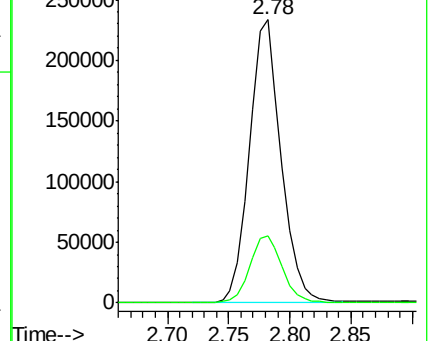
43 100

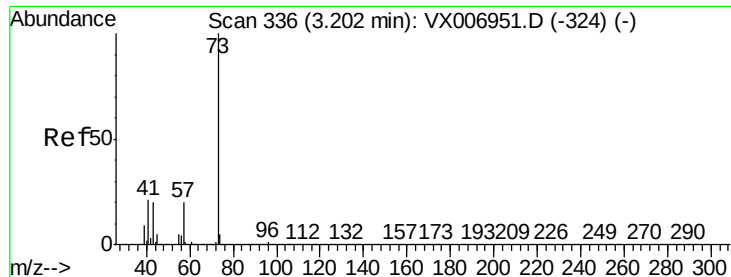
74 25.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



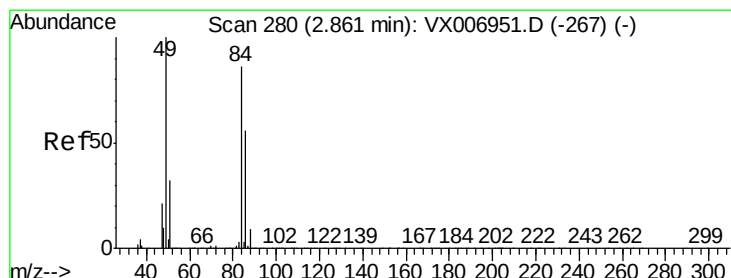
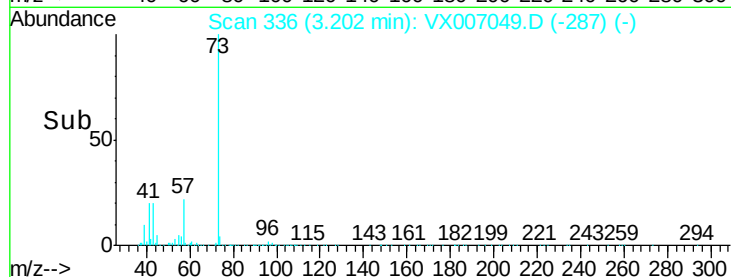
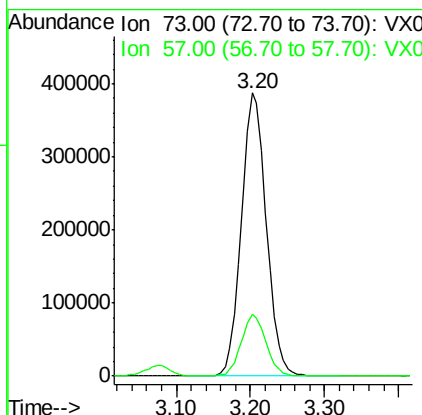
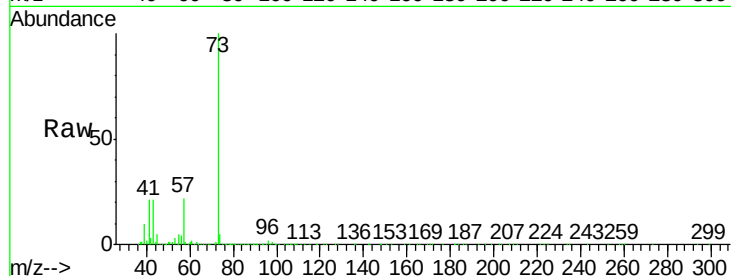


#19

Methyl tert-butyl Ether
 Concen: 50.831 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

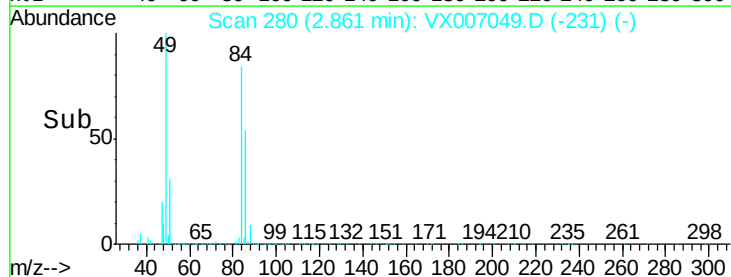
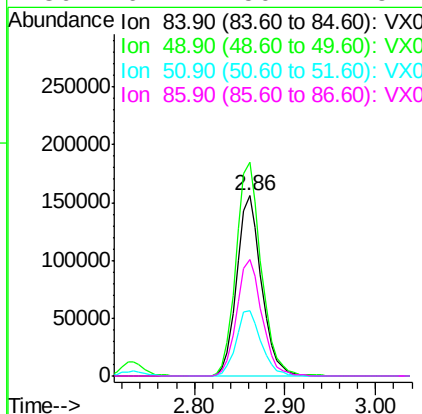
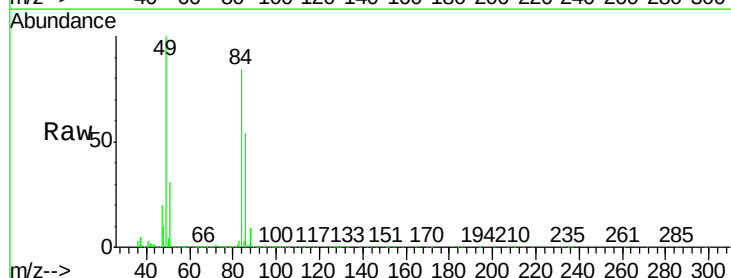
Tot Ion: 73 Resp: 910695
 Ion Ratio Lower Upper
 73 100
 57 22.0 16.8 25.2

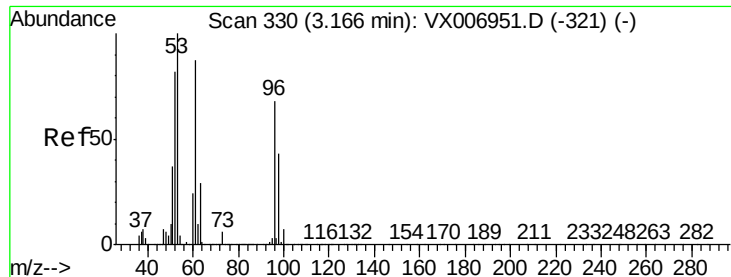


#20

Methylene Chloride
 Concen: 53.320 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion: 84 Resp: 294069
 Ion Ratio Lower Upper
 84 100
 49 118.2 91.8 137.6
 51 36.4 28.5 42.7
 86 64.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 49.003 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

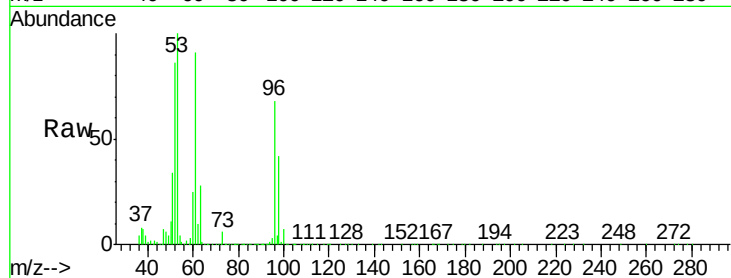
Tot Ion: 96 Resp: 281884

Ion Ratio Lower Upper

96 100

61 134.3 103.7 155.5

98 62.4 51.0 76.6

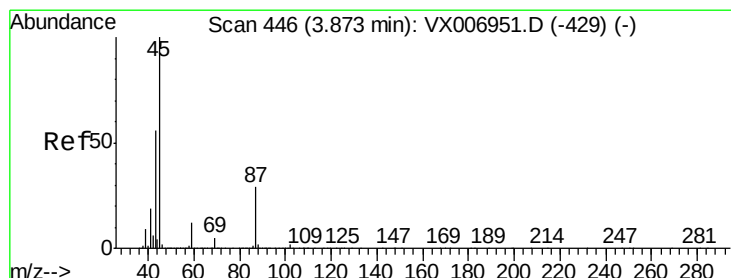
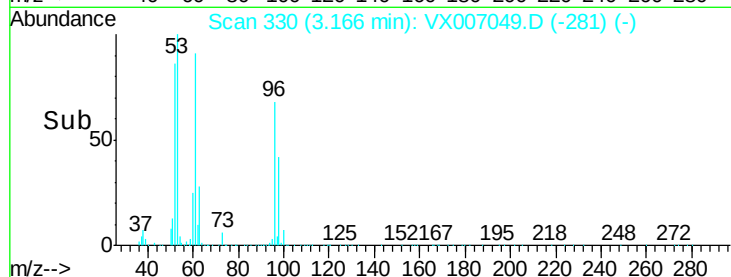
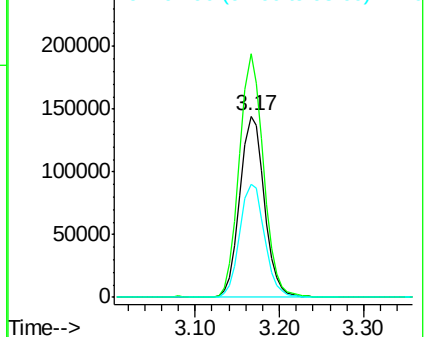


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.351 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tgt Ion: 45 Resp: 854029

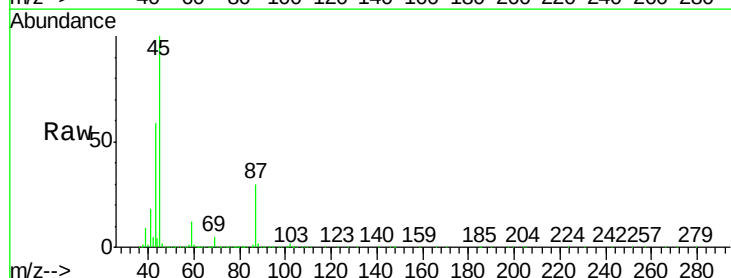
Ion Ratio Lower Upper

45 100

43 58.3 51.2 76.8

87 29.8 25.8 38.6

59 12.0 9.0 13.4



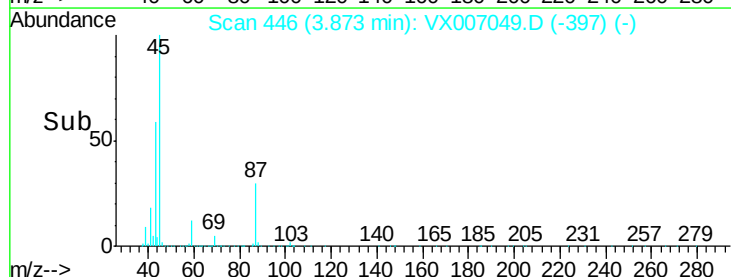
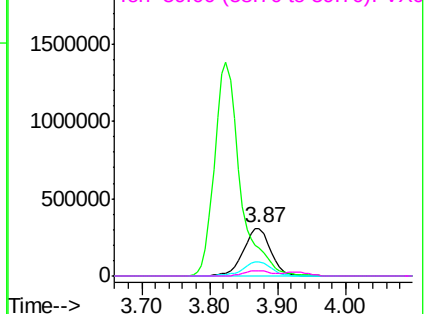
Abundance

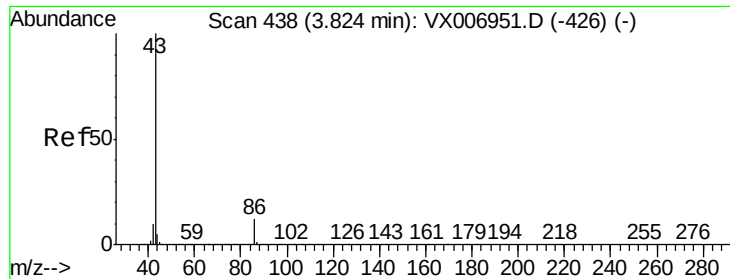
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 259.014 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

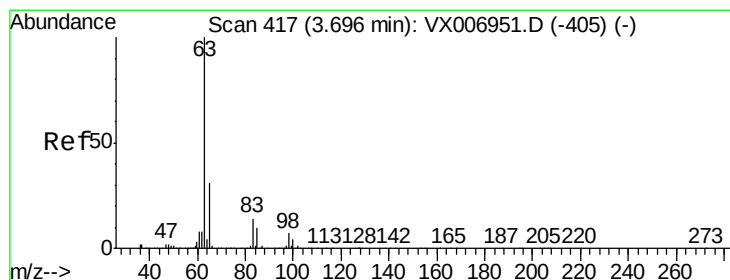
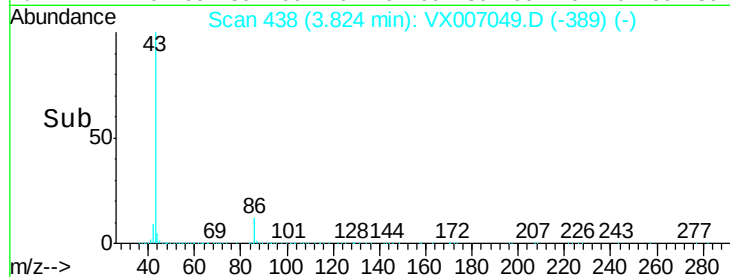
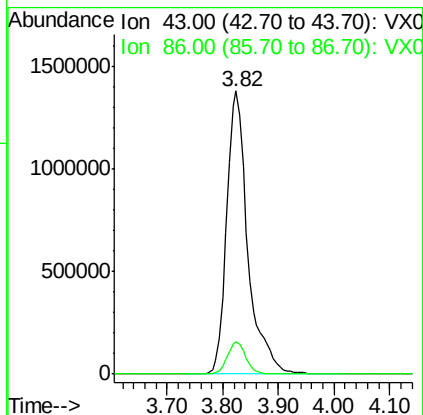
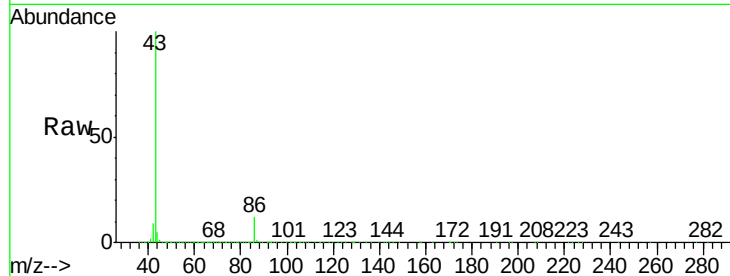
VSTDCCC050

Tot Ion: 43 Resp: 3632782

Ion Ratio Lower Upper

43 100

86 11.5 9.2 13.8



#24

1,1-Dichloroethane

Concen: 54.432 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

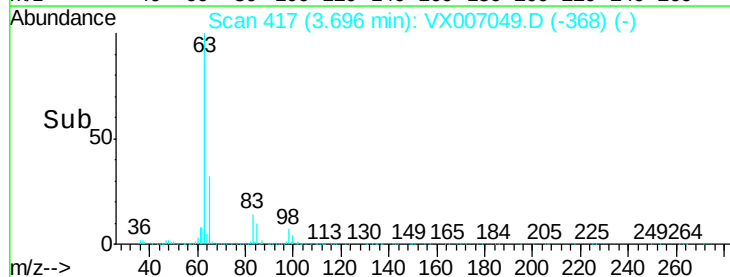
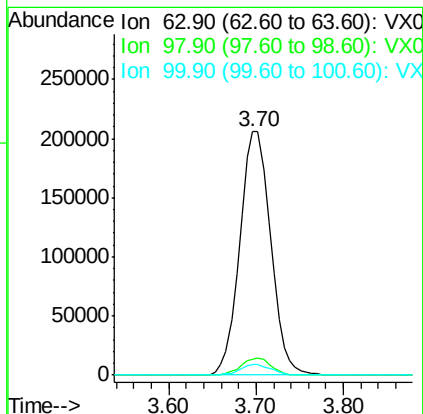
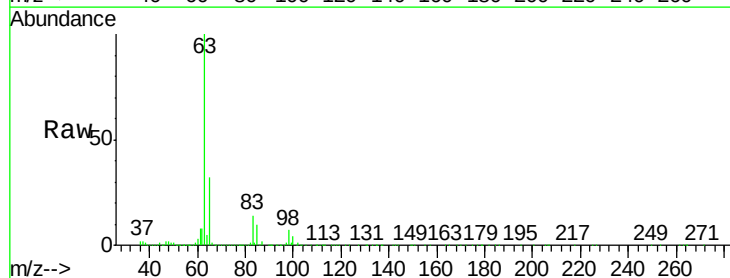
Tgt Ion: 63 Resp: 506198

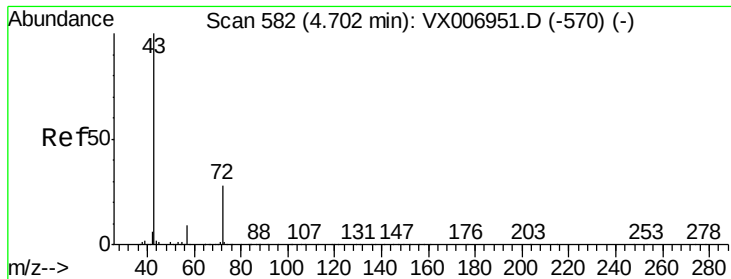
Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.5

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 258.094 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

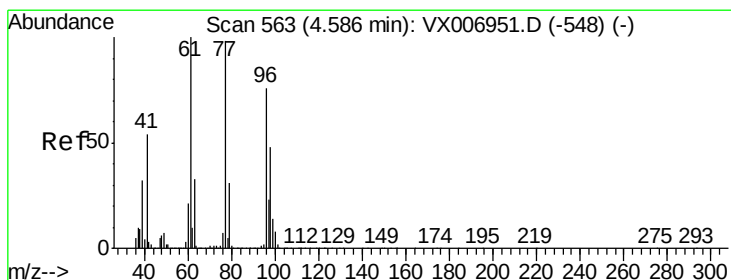
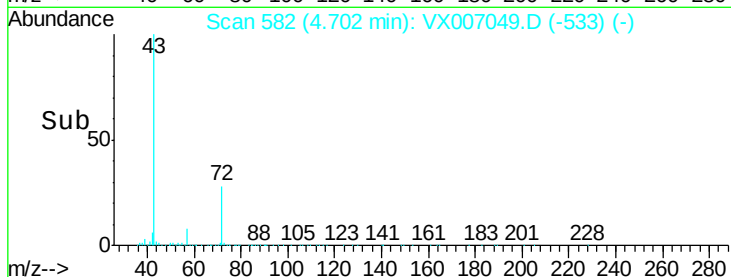
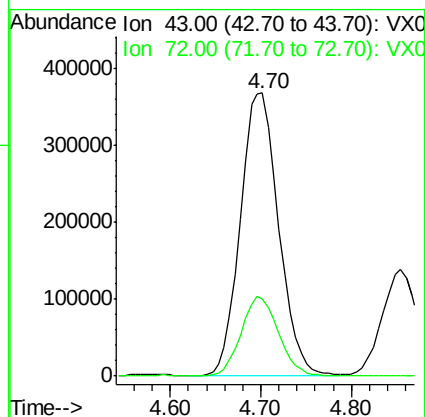
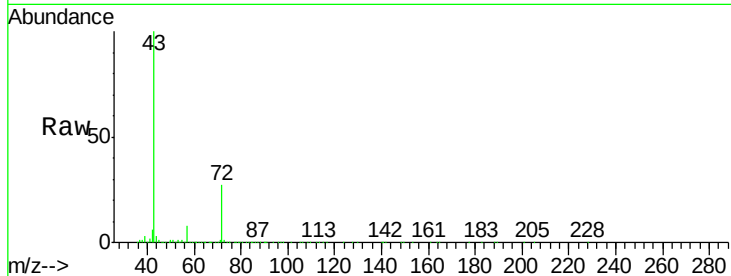
VSTDCCC050

Tot Ion: 43 Resp: 1071591

Ion Ratio Lower Upper

43 100

72 27.4 22.4 33.6



#26

2,2-Dichloropropane

Concen: 54.174 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007049.D

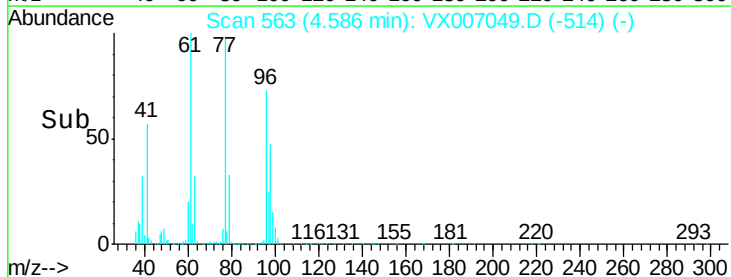
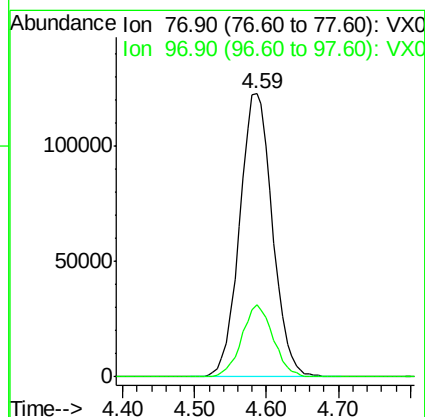
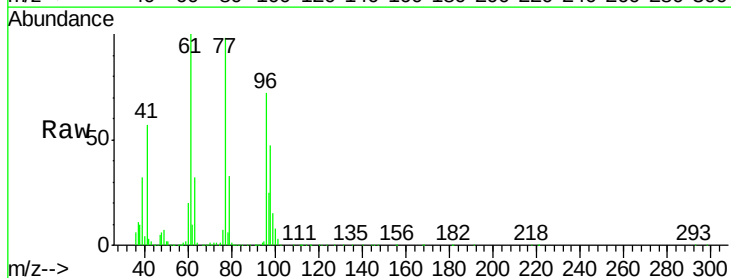
Acq: 15 Jan 2019 10:46

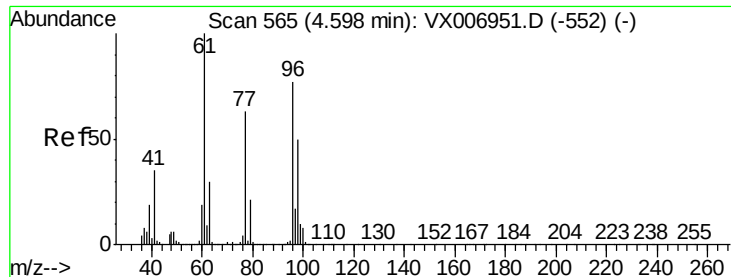
Tgt Ion: 77 Resp: 387400

Ion Ratio Lower Upper

77 100

97 24.5 12.4 37.4



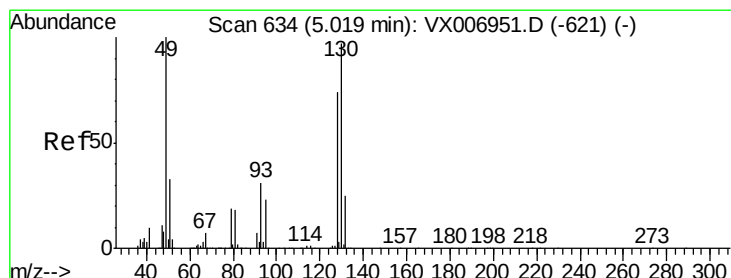
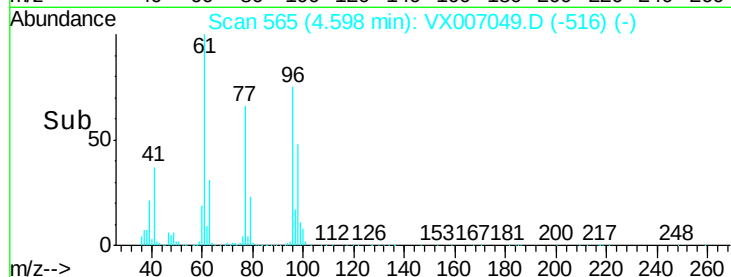
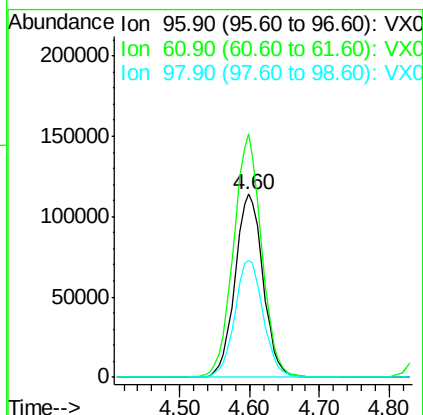
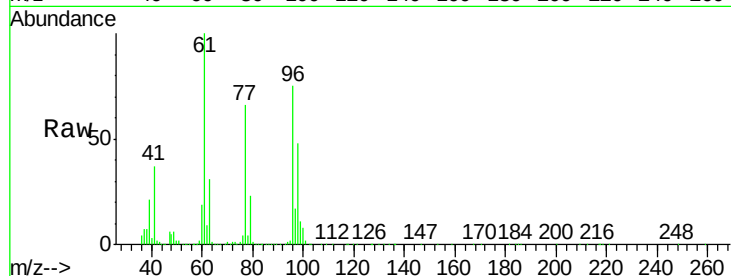


#27

cis-1,2-Dichloroethene
Concen: 50.061 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

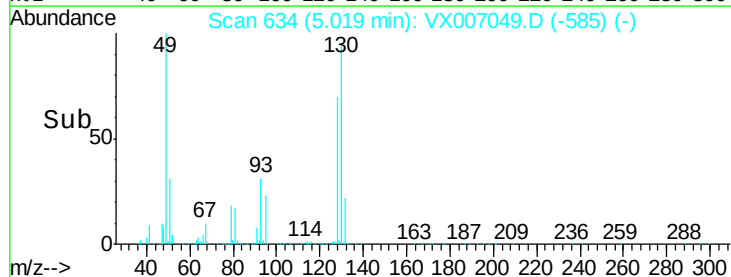
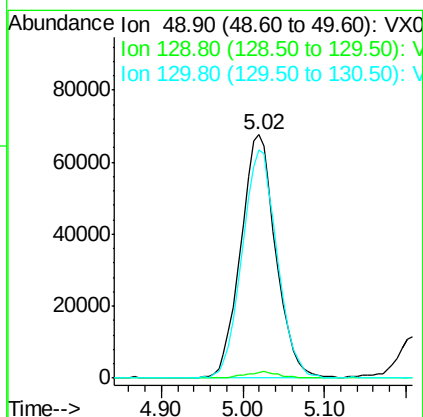
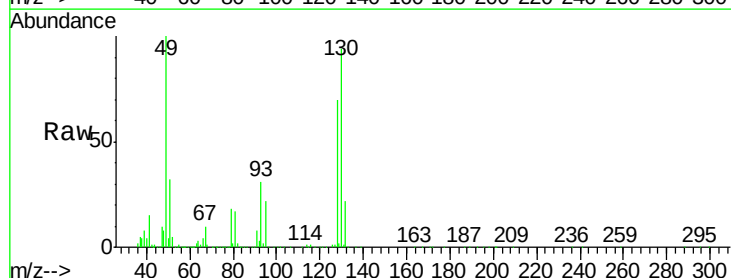
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	258.6
98	64.7	0.0	132.0

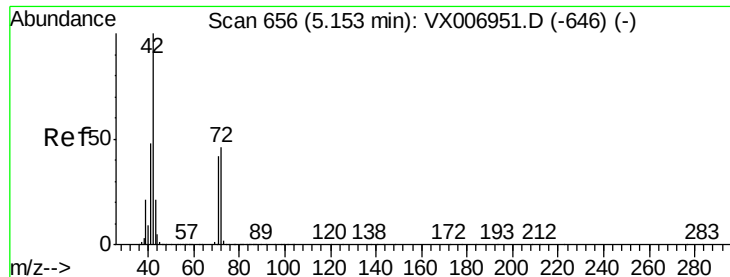


#28

Bromochloromethane
Concen: 49.325 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	94.2	77.7	116.5





#29

Tetrahydrofuran

Concen: 249.304 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

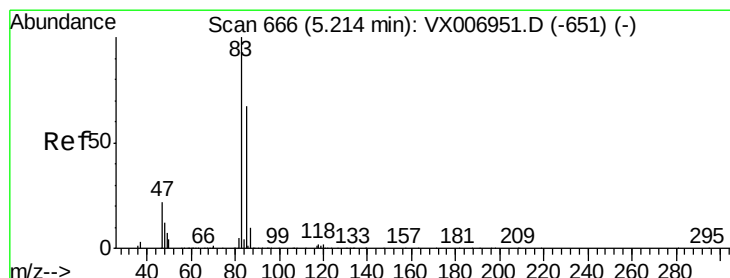
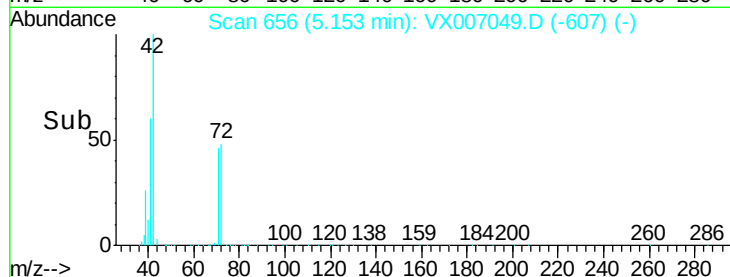
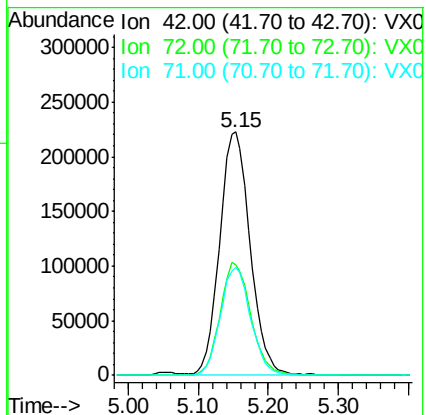
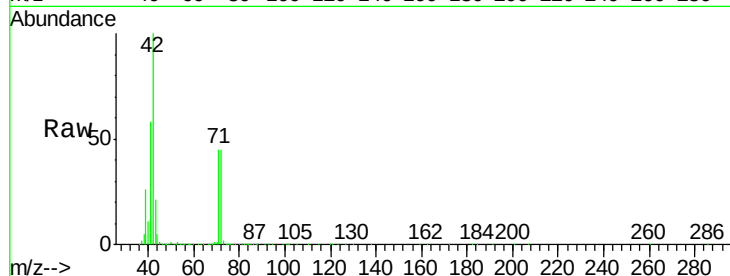
Tot Ion: 42 Resp: 672683

Ion Ratio Lower Upper

42 100

72 46.5 38.9 58.3

71 44.1 36.2 54.4



#30

Chloroform

Concen: 51.502 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007049.D

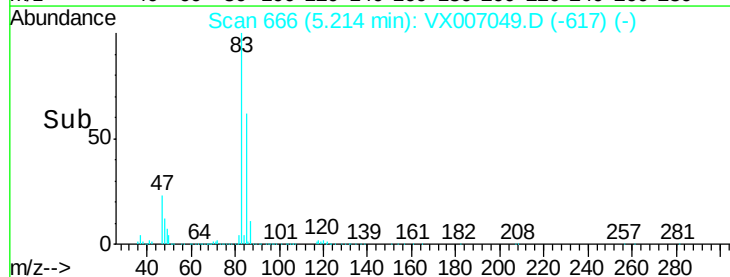
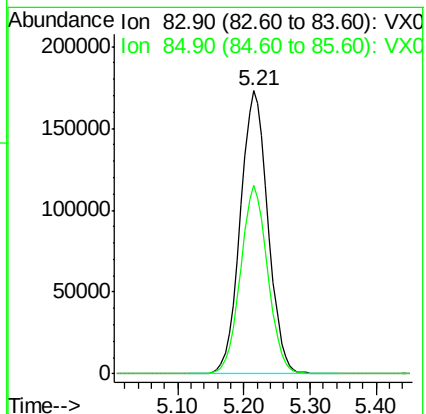
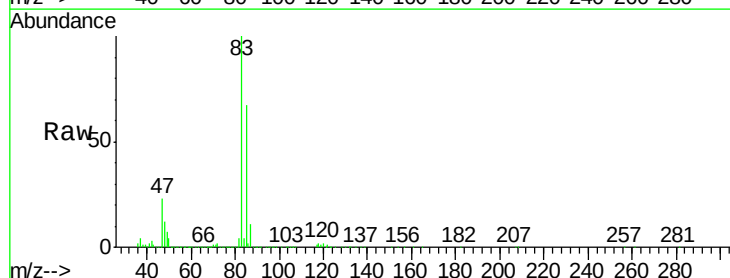
Acq: 15 Jan 2019 10:46

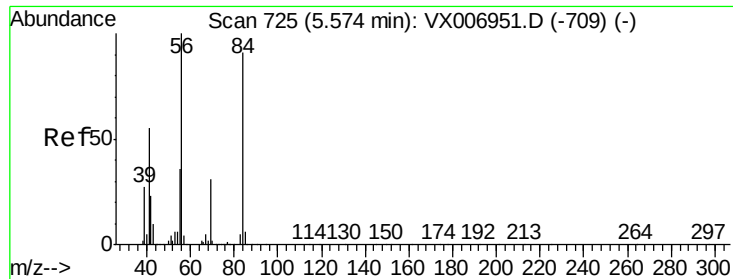
Tgt Ion: 83 Resp: 501451

Ion Ratio Lower Upper

83 100

85 66.4 51.2 76.8

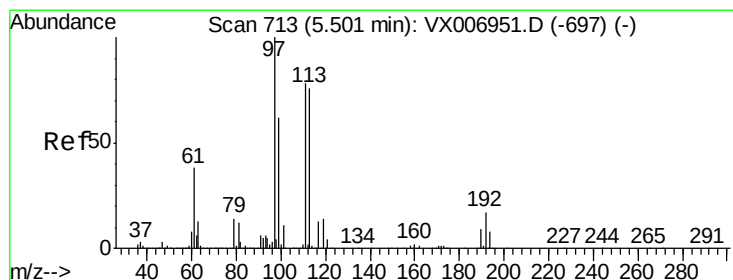
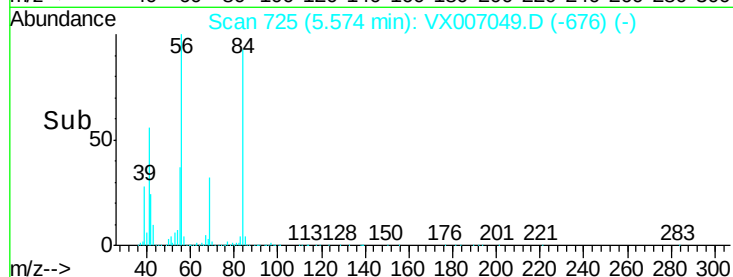
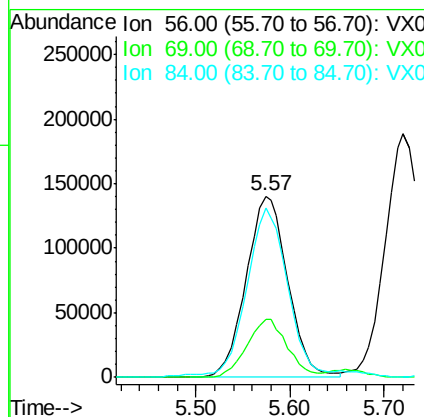
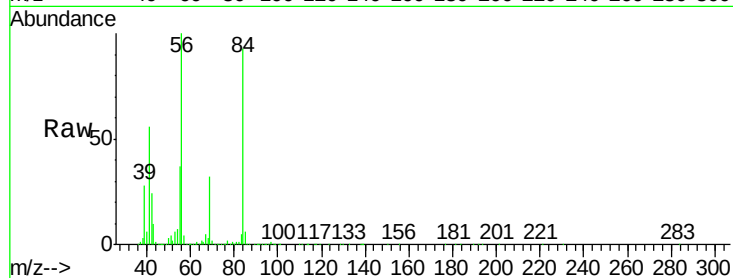




#31
Cyclohexane
Concen: 52.431 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

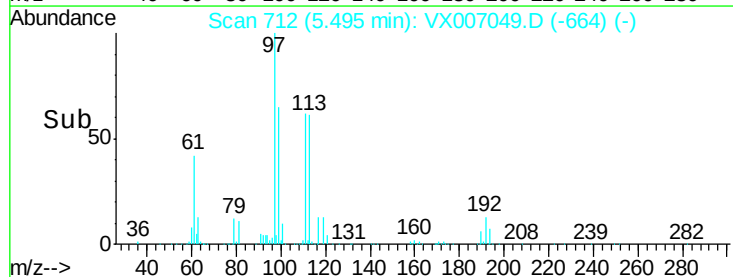
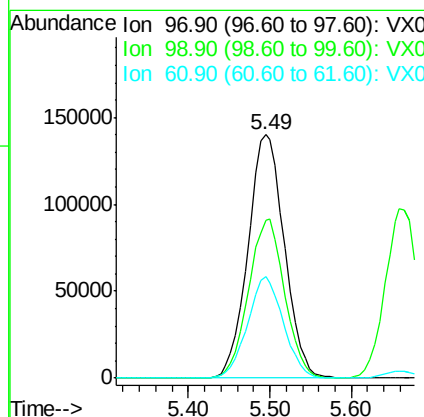
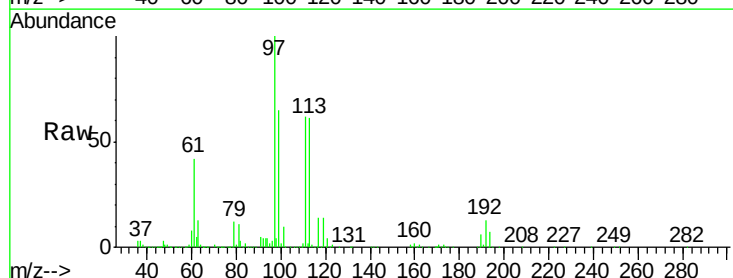
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

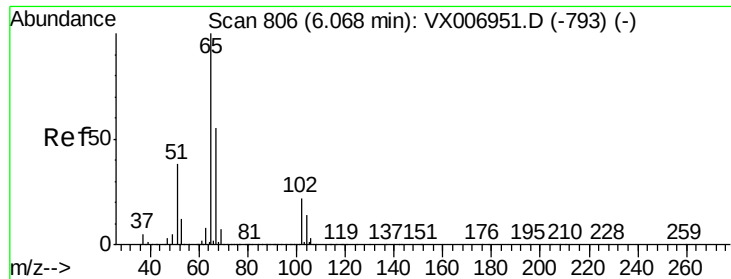
Tot Ion: 56 Resp: 433973
Ion Ratio Lower Upper
56 100
69 31.8 24.4 36.6
84 91.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 52.611 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion: 97 Resp: 434191
Ion Ratio Lower Upper
97 100
99 65.0 51.7 77.5
61 41.3 31.3 46.9

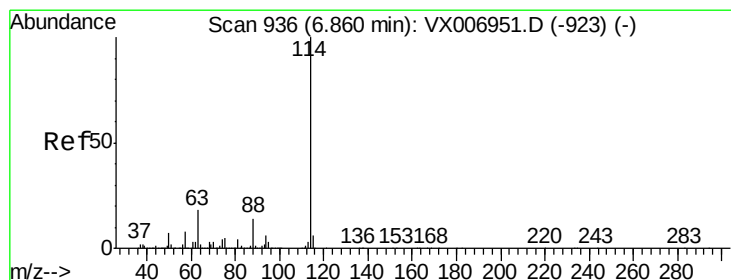
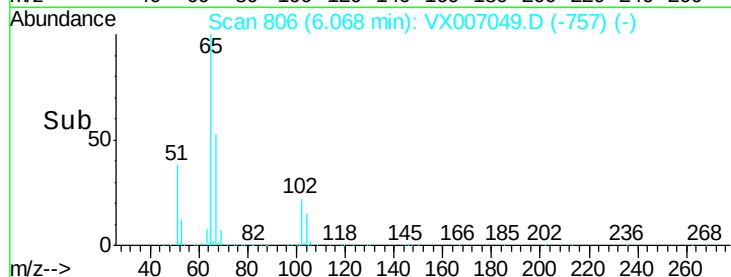
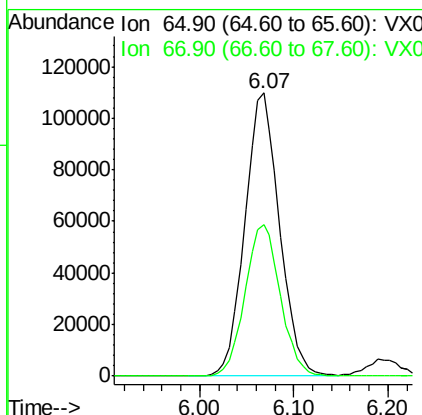
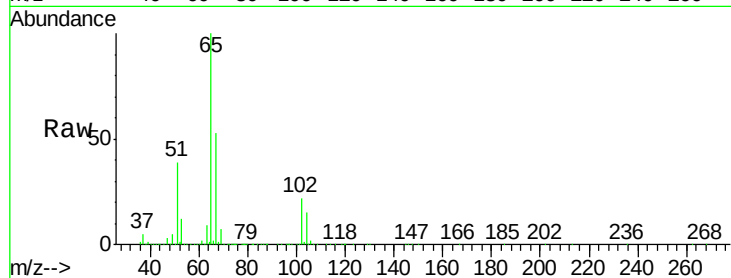




#33
 1,2-Dichloroethane-d4
 Concen: 48.074 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

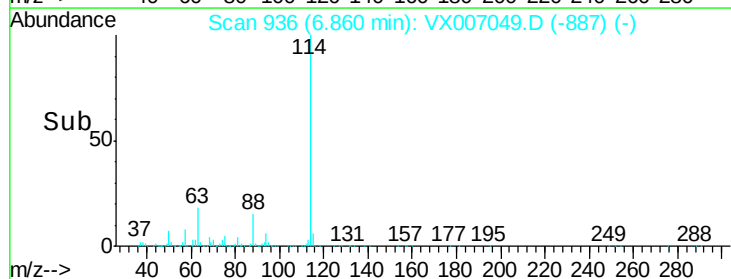
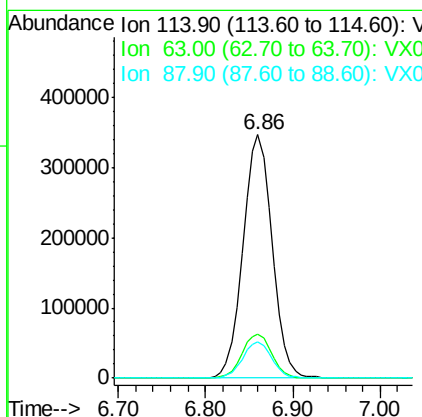
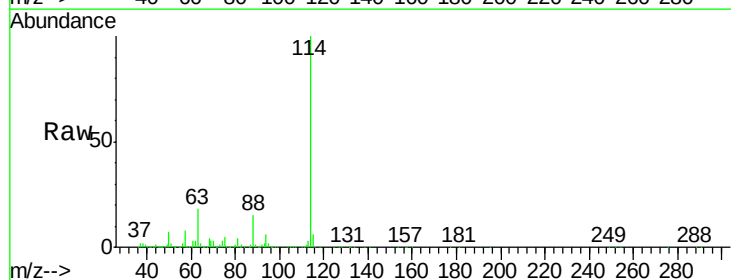
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

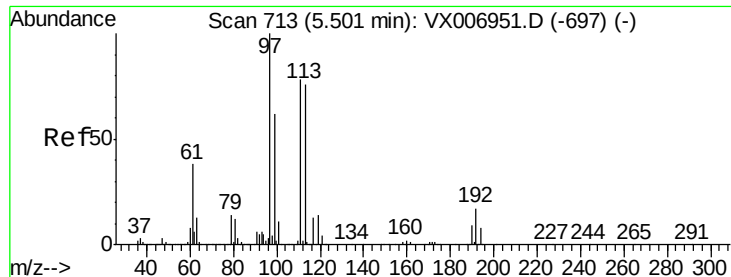
Tot Ion: 65 Resp: 282173
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion: 114 Resp: 801059
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.8
 88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.255 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

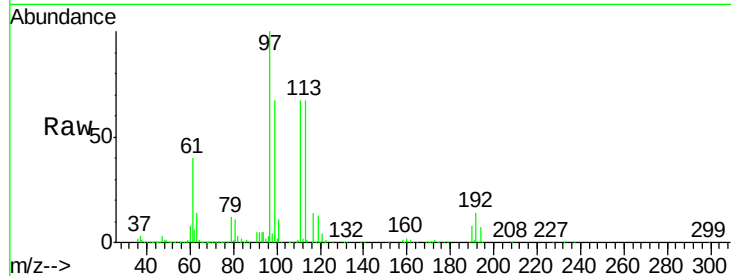
Tot Ion:113 Resp: 262936

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

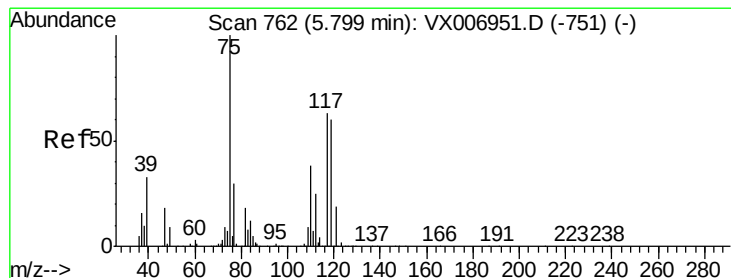
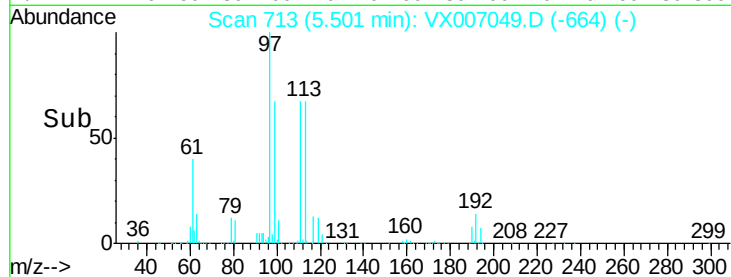
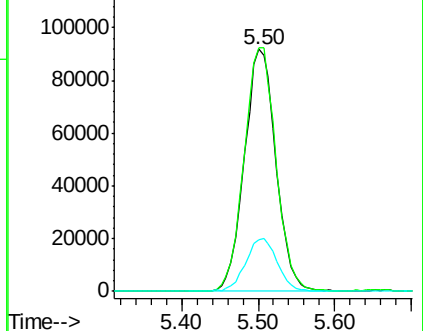
192 21.9 16.7 25.1



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: 53.562 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

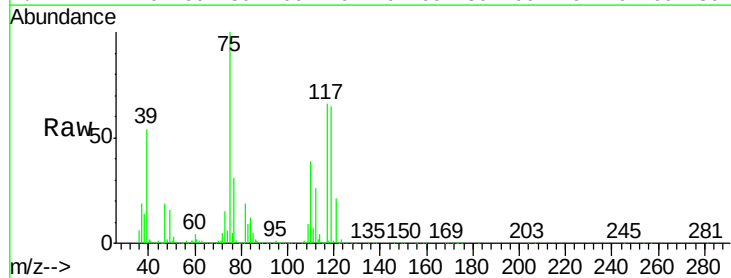
Tgt Ion: 75 Resp: 373034

Ion Ratio Lower Upper

75 100

110 39.3 20.2 60.5

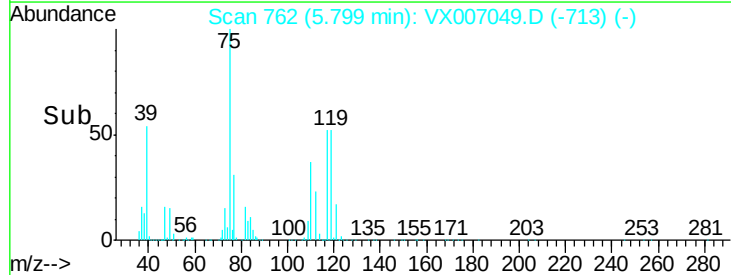
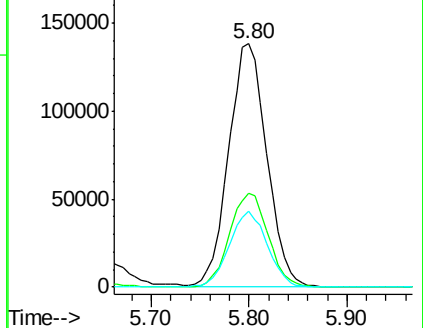
77 31.6 24.8 37.2

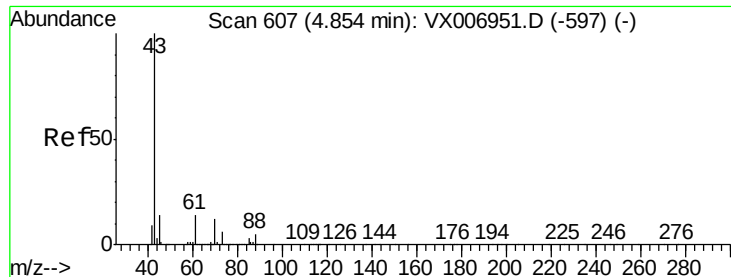


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

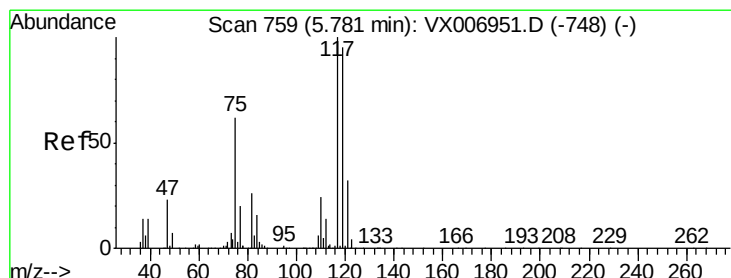
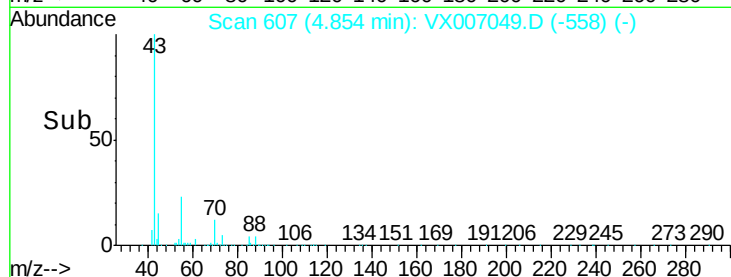
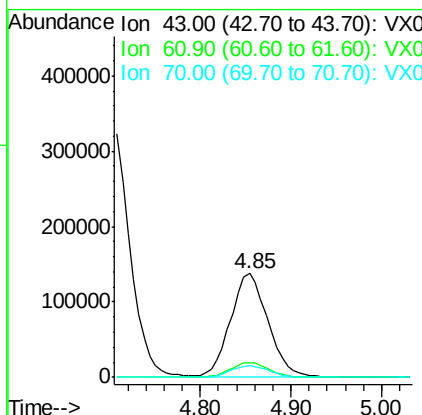
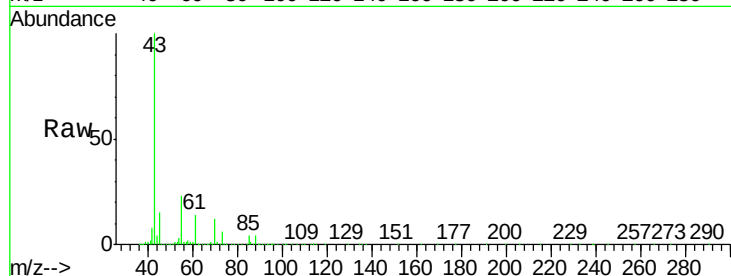




#37
Ethyl Acetate
Concen: 52.473 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

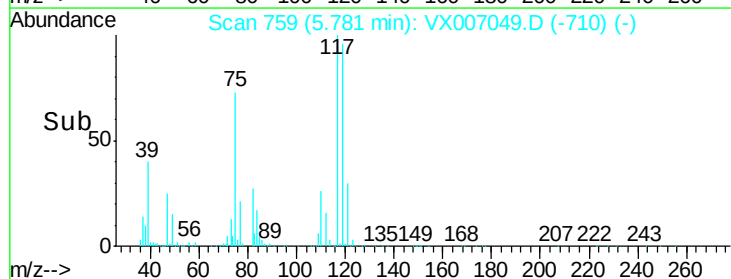
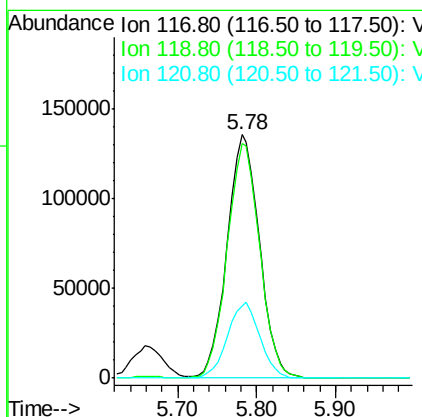
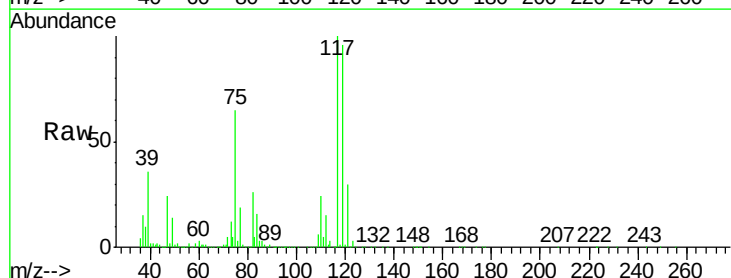
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

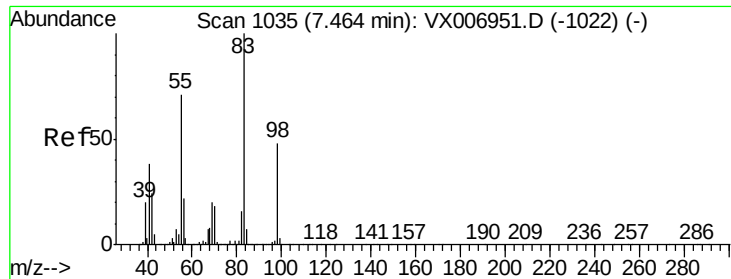
Tot Ion: 43 Resp: 391800
Ion Ratio Lower Upper
43 100
61 14.4 11.9 17.9
70 11.4 9.7 14.5



#38
Carbon Tetrachloride
Concen: 55.041 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion: 117 Resp: 385683
Ion Ratio Lower Upper
117 100
119 96.2 79.4 119.2
121 29.7 24.0 36.0

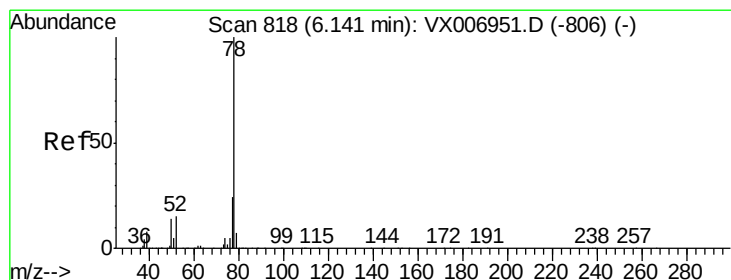
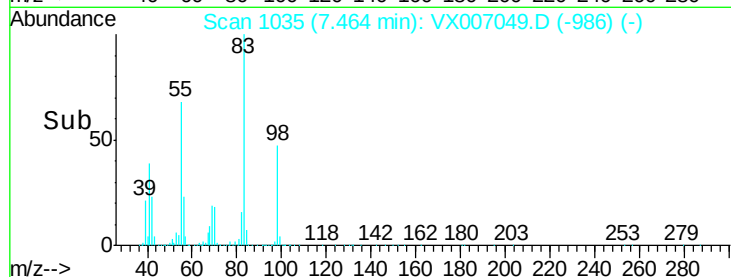
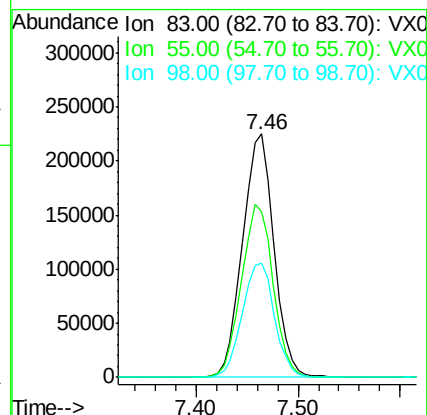
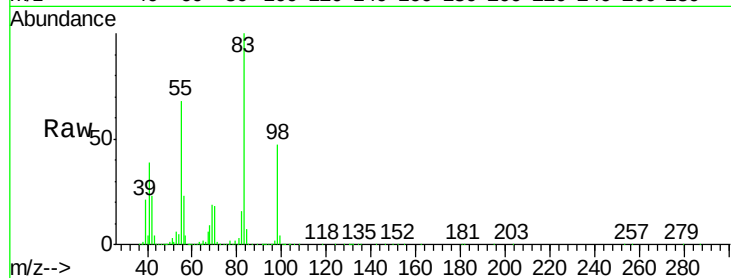




#39
Methylvlcyclohexane
Concen: 54.300 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

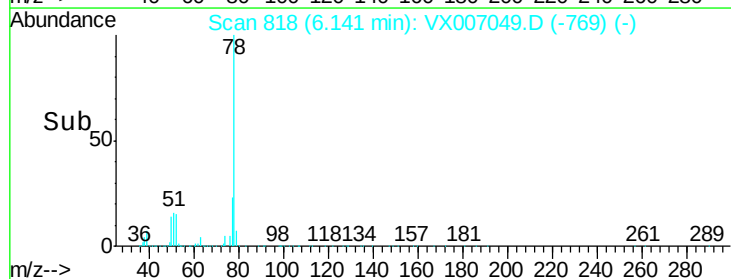
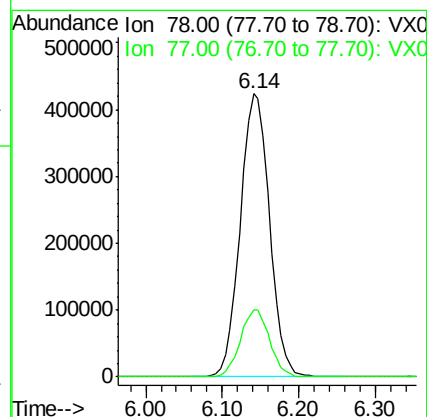
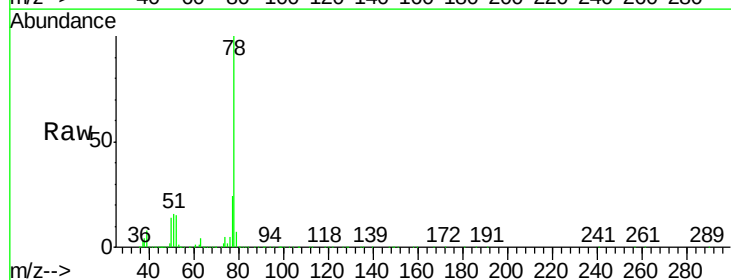
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

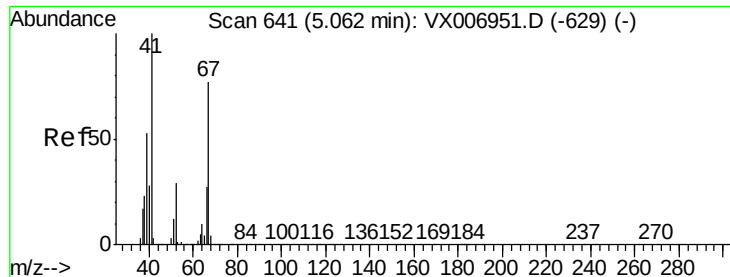
Tot Ion: 83 Resp: 482114
Ion Ratio Lower Upper
83 100
55 68.0 54.9 82.3
98 47.0 37.9 56.9



#40
Benzene
Concen: 52.800 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion: 78 Resp: 1122042
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8





#41

Methacrylonitrile

Concen: 51.655 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 222189

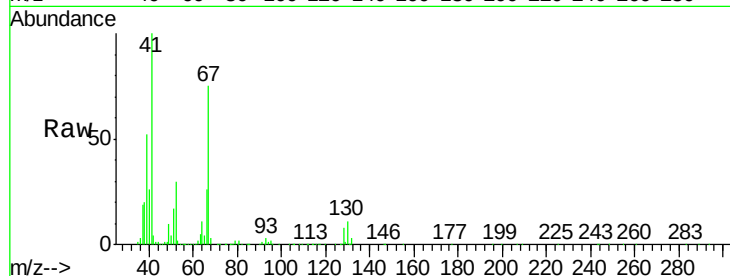
Ion Ratio Lower Upper

41 100

39 53.4 42.8 64.2

67 74.3 62.1 93.1

52 29.4 23.4 35.0

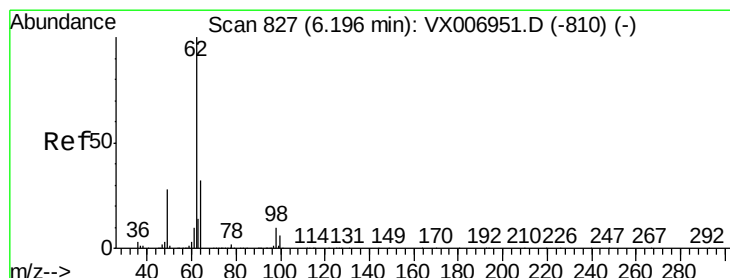
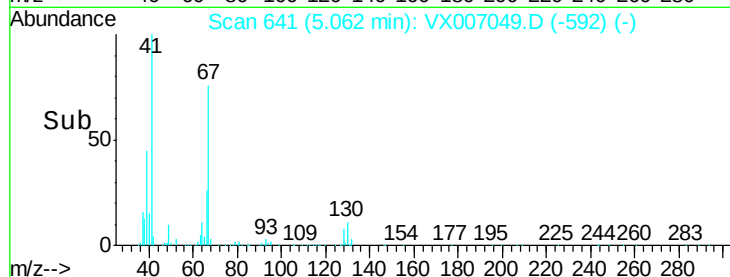
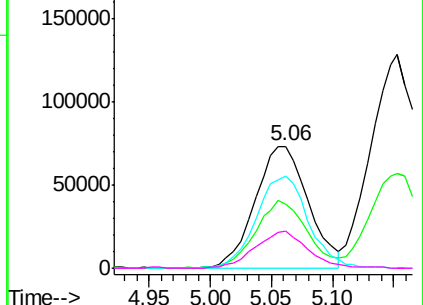


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.826 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007049.D

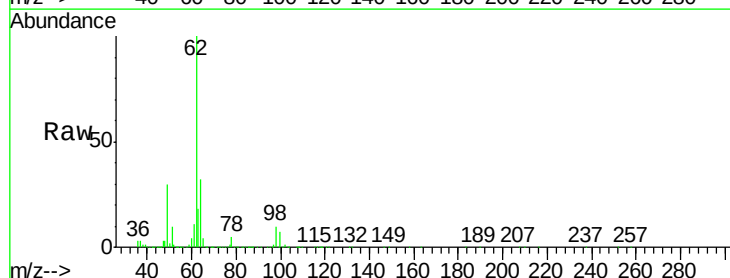
Acq: 15 Jan 2019 10:46

Tgt Ion: 62 Resp: 380588

Ion Ratio Lower Upper

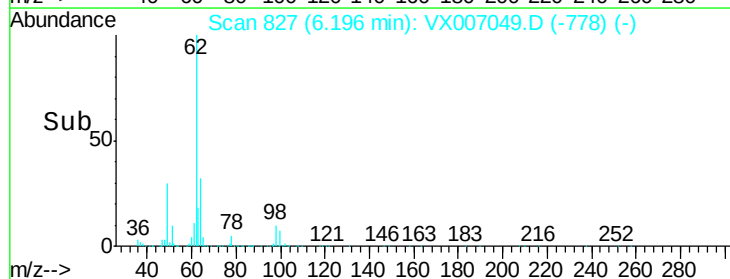
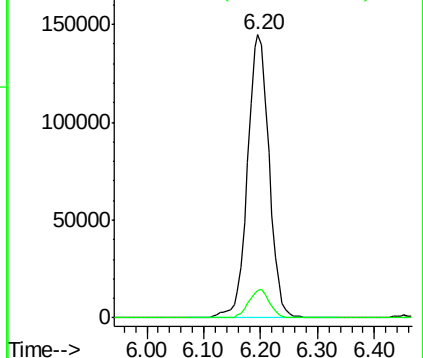
62 100

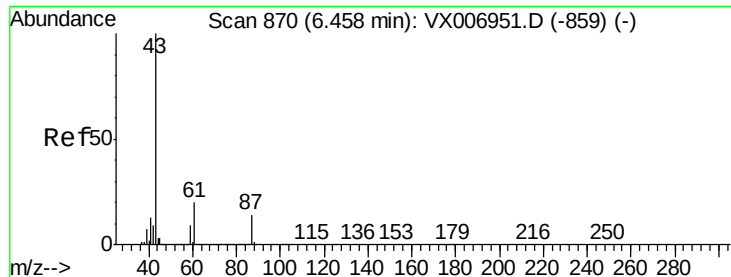
98 9.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.525 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

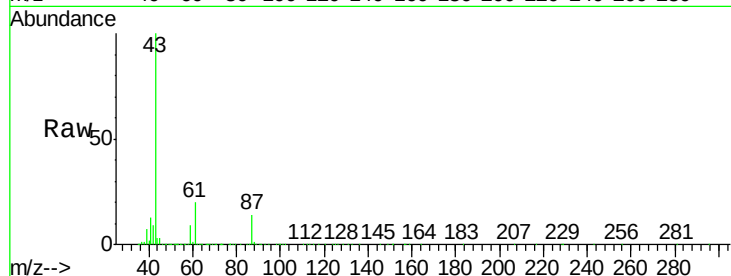
Tot Ion: 43 Resp: 642175

Ion Ratio Lower Upper

43 100

61 20.5 16.8 25.2

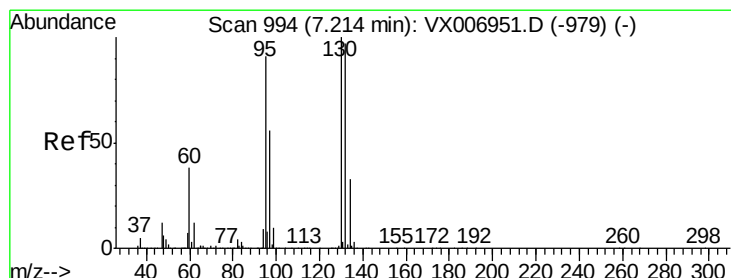
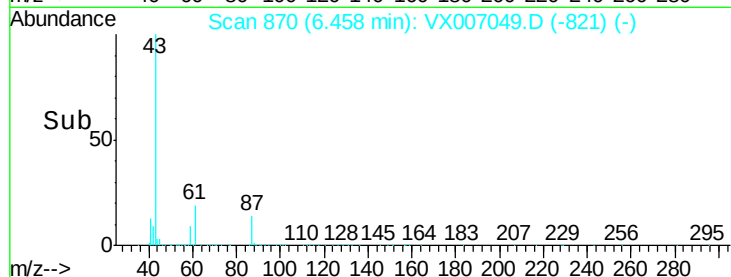
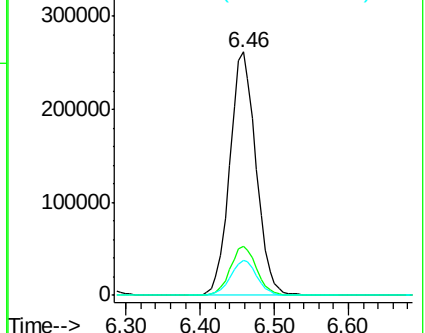
87 14.6 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.355 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007049.D

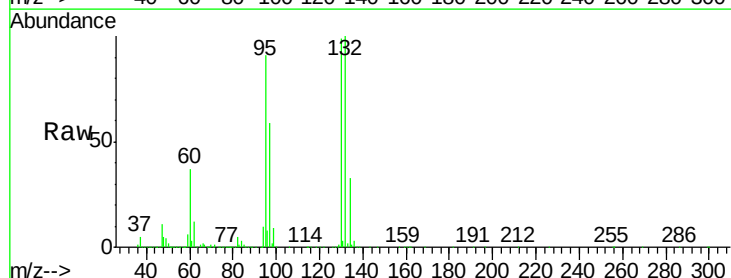
Acq: 15 Jan 2019 10:46

Tgt Ion:130 Resp: 333401

Ion Ratio Lower Upper

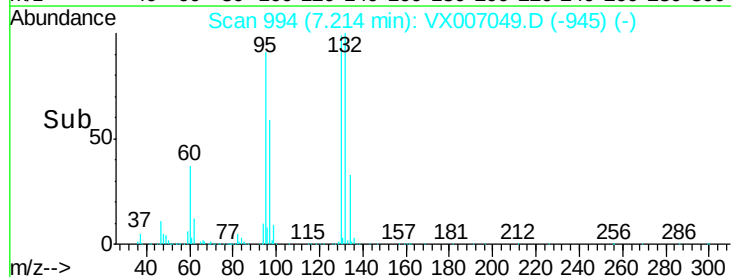
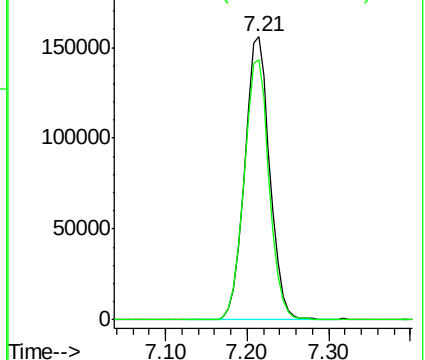
130 100

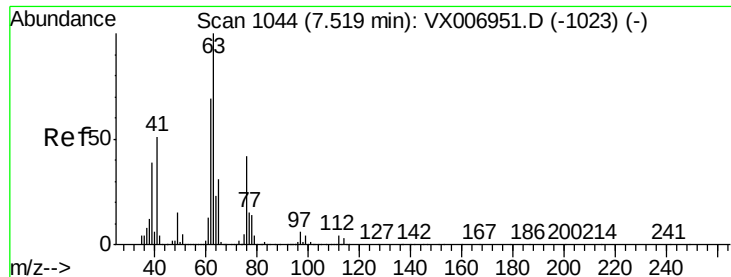
95 91.9 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

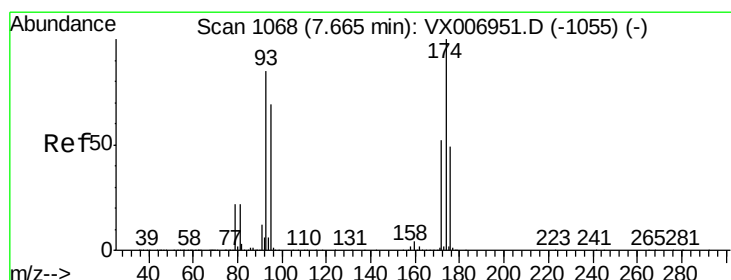
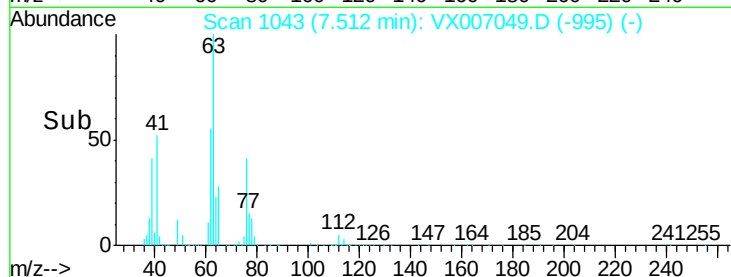
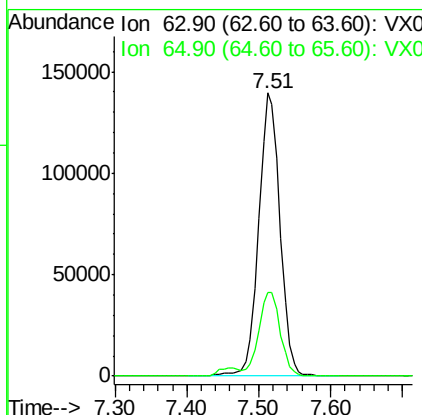
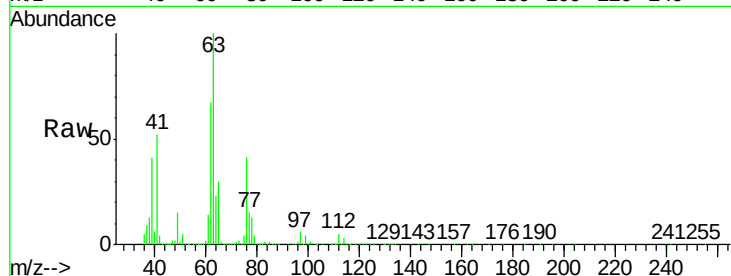




#45
 1,2-Dichloropropane
 Concen: 53.946 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

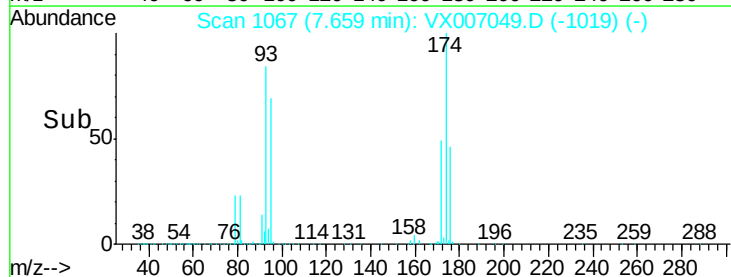
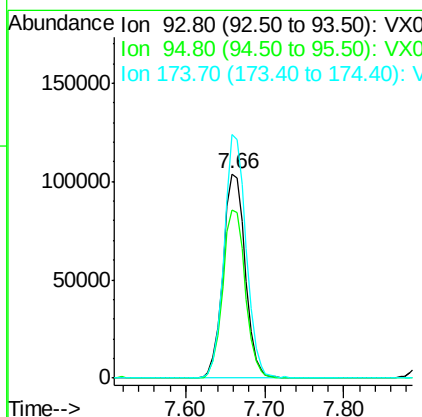
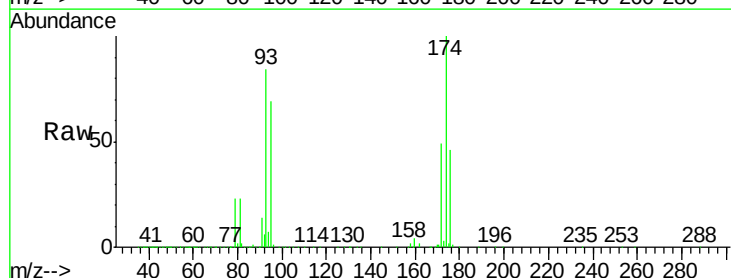
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

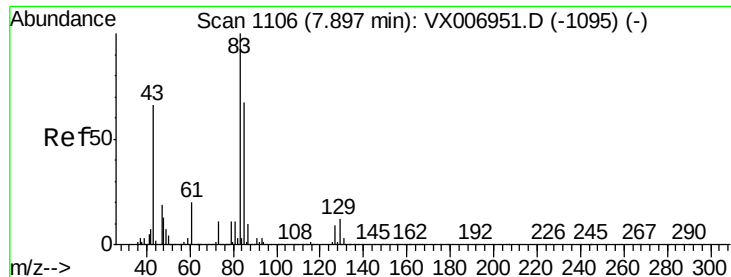
Tot Ion: 63 Resp: 288210
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.4 38.0



#46
 Dibromomethane
 Concen: 54.415 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion: 93 Resp: 204314
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.2 99.4
 174 117.5 91.0 136.4





#47

Bromodichloromethane

Concen: 57.472 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

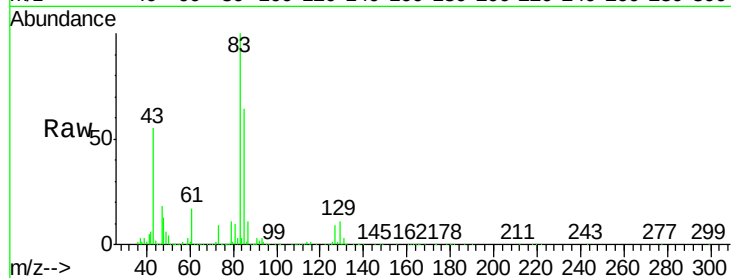
Tot Ion: 83 Resp: 367315

Ion Ratio Lower Upper

83 100

85 64.1 53.2 79.8

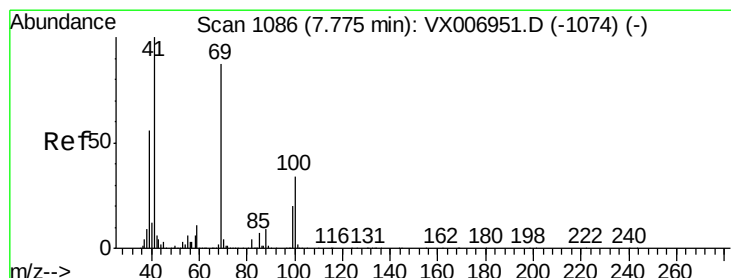
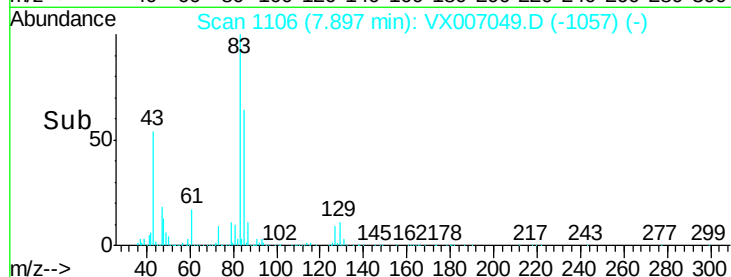
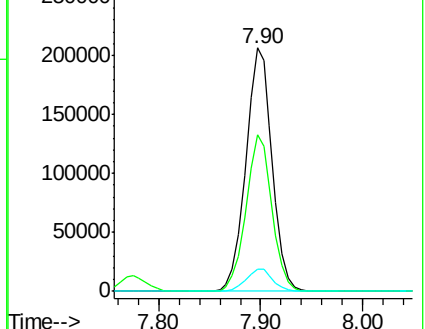
127 9.3 7.8 11.6



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: 54.453 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

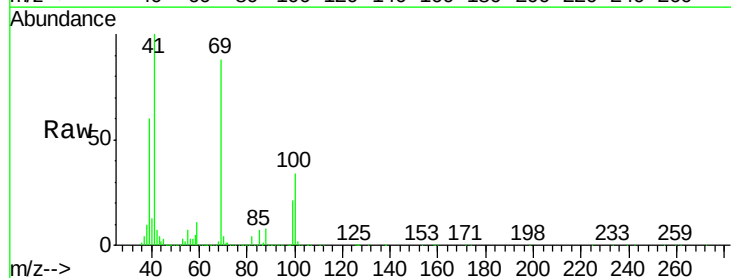
Tgt Ion: 41 Resp: 329346

Ion Ratio Lower Upper

41 100

69 87.3 72.4 108.6

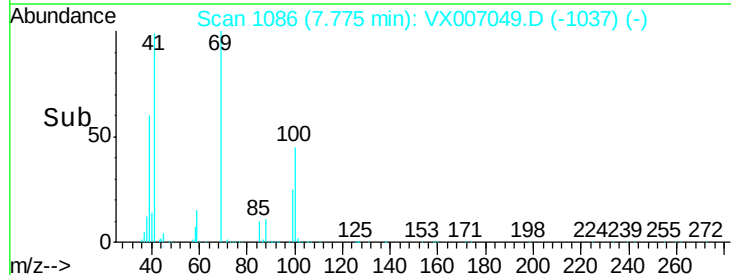
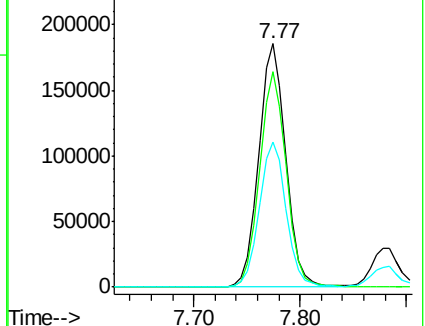
39 59.2 45.8 68.8

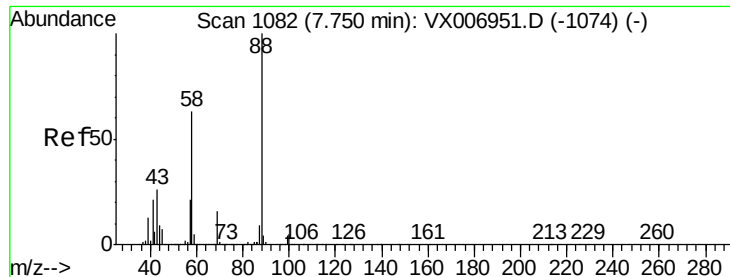


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1110.617 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

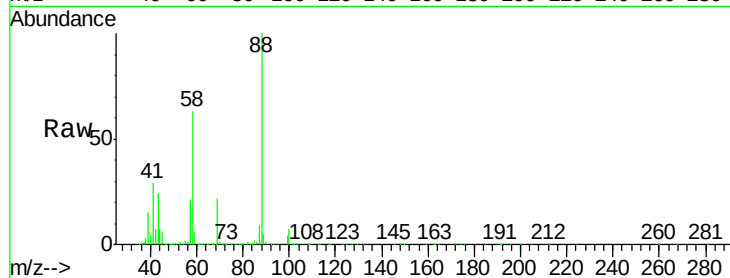
Tot Ion: 88 Resp: 153271

Ion	Ratio	Lower	Upper
88	100		
43	30.2	22.2	33.4
58	63.7	51.0	76.4

88 100

43 30.2 22.2 33.4

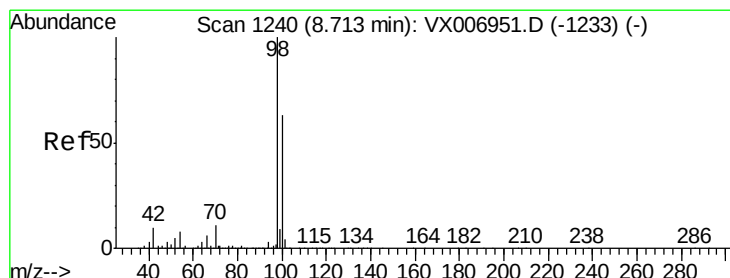
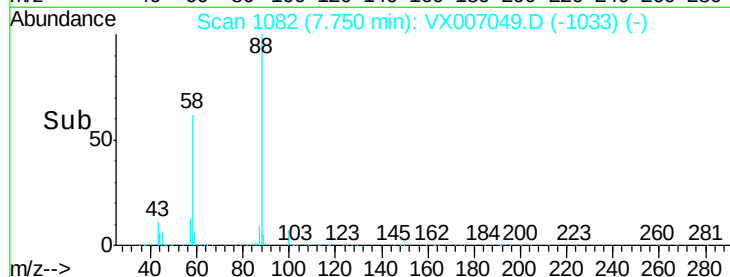
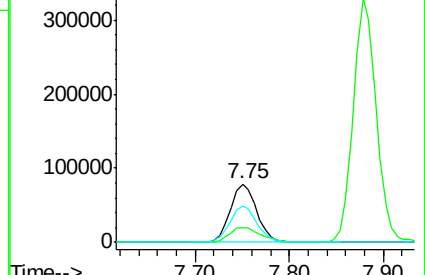
58 63.7 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.560 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007049.D

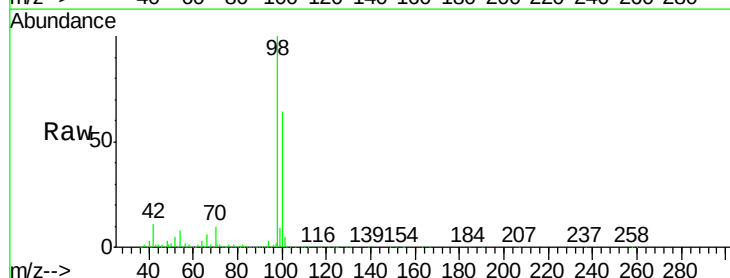
Acq: 15 Jan 2019 10:46

Tgt Ion: 98 Resp: 986933

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.0	78.0

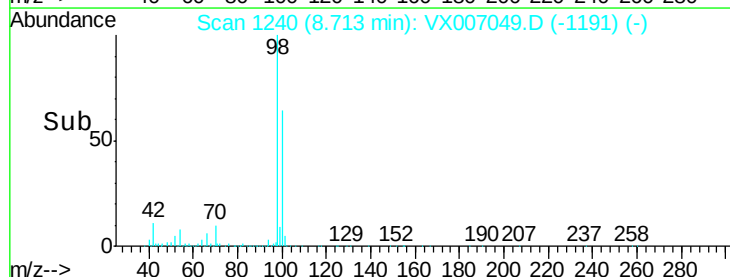
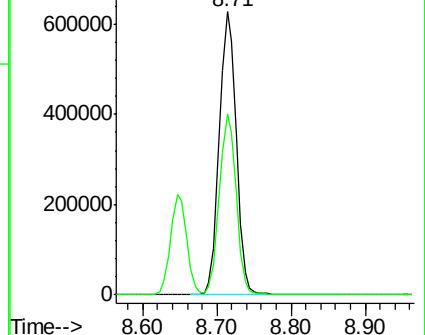
98 100

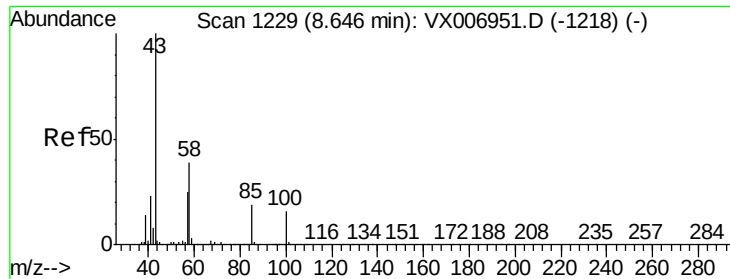
100 63.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 279.050 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

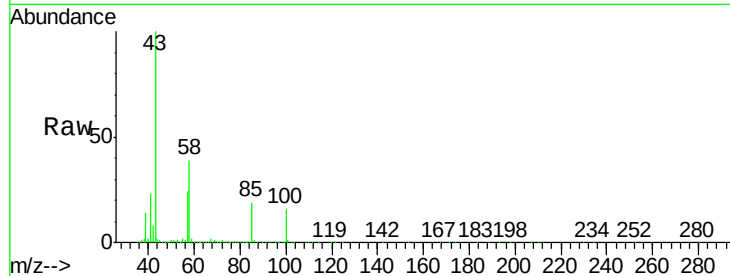
VSTDCCC050

Tot Ion: 43 Resp: 2112129

Ion Ratio Lower Upper

43 100

58 38.6 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

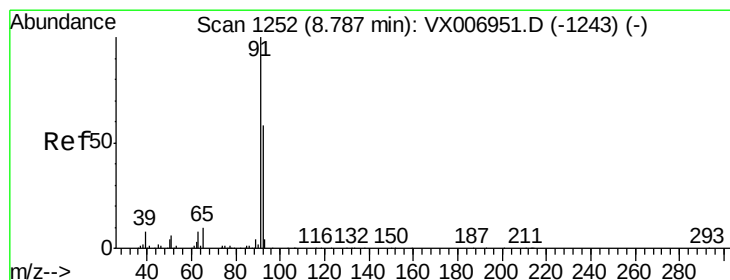
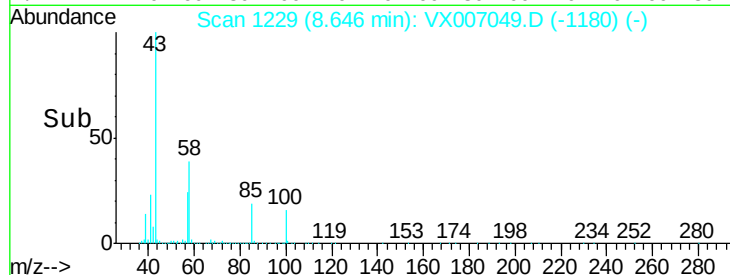
1000000

500000

0

8.60 8.65 8.70 8.80

Time-->



#52

Toluene

Concen: 53.980 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007049.D

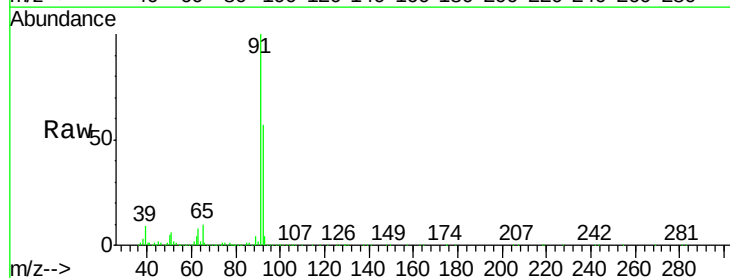
Acq: 15 Jan 2019 10:46

Tgt Ion: 92 Resp: 737292

Ion Ratio Lower Upper

92 100

91 177.0 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

600000

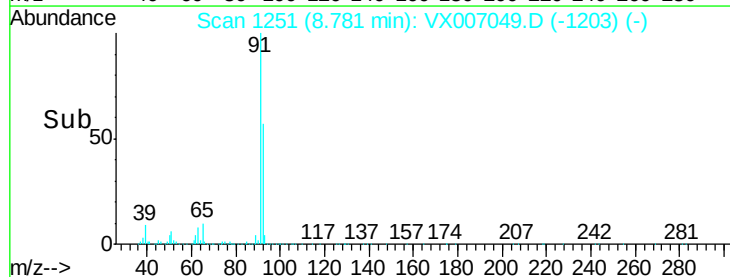
400000

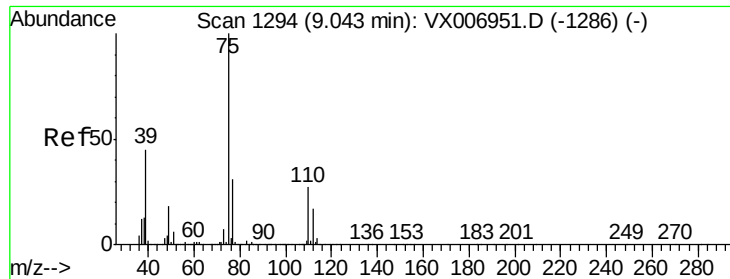
200000

0

8.70 8.75 8.80 8.85

Time-->





#53

t-1,3-Dichloropropene

Concen: 59.415 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

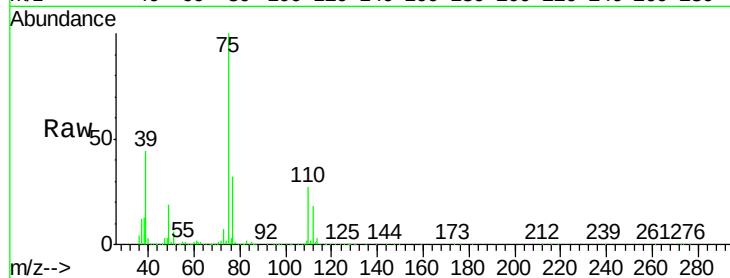
VSTDCCC050

Tot Ion: 75 Resp: 421072

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

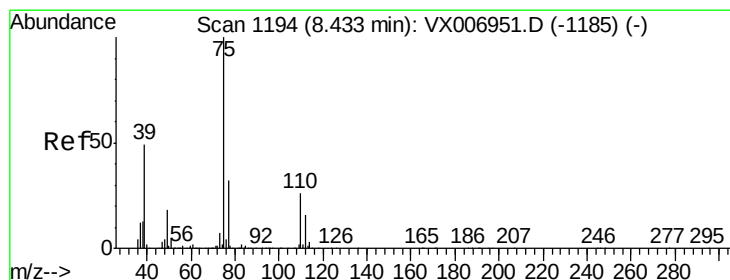
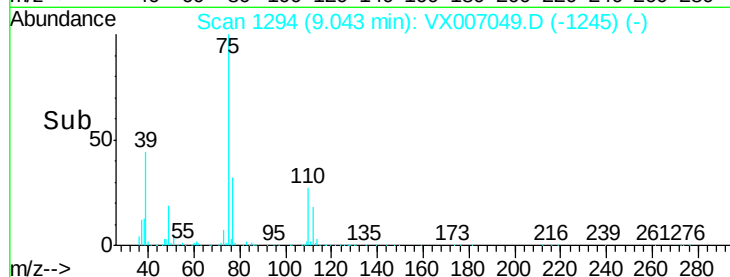
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 58.144 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

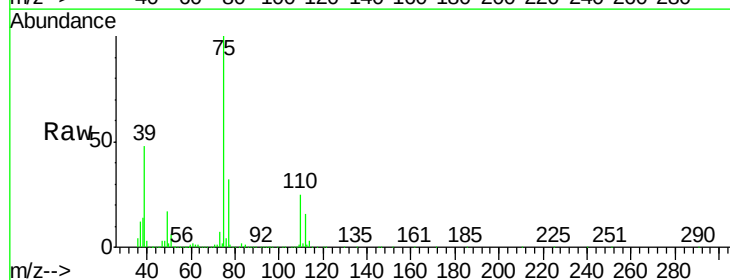
Tgt Ion: 75 Resp: 455058

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

39 47.8 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

400000

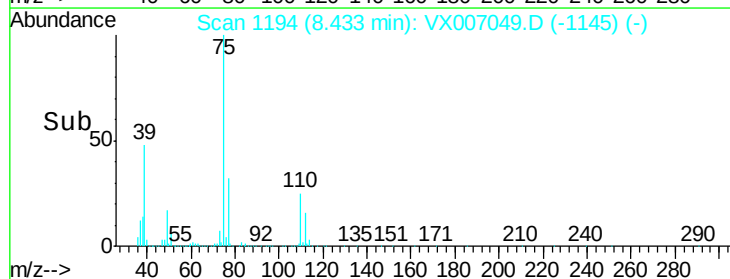
300000

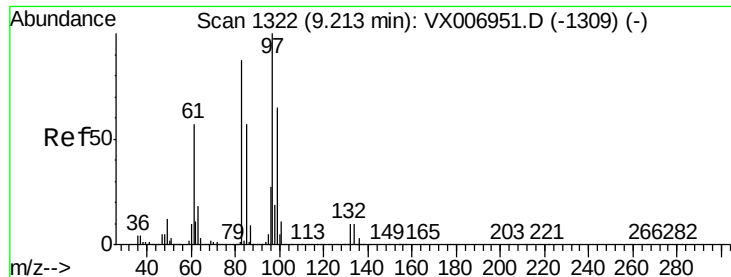
200000

100000

0

Time-->

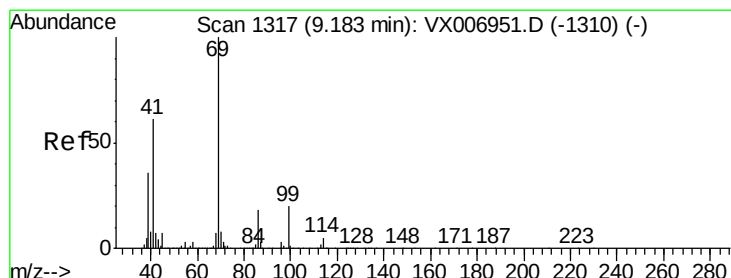
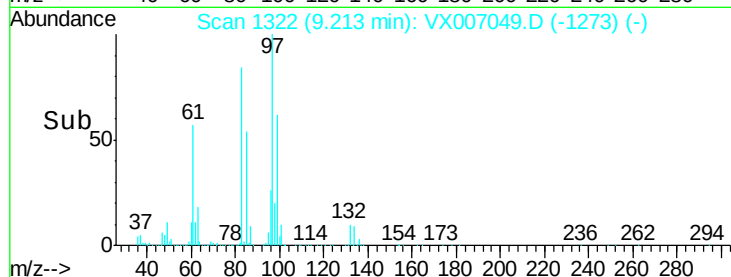
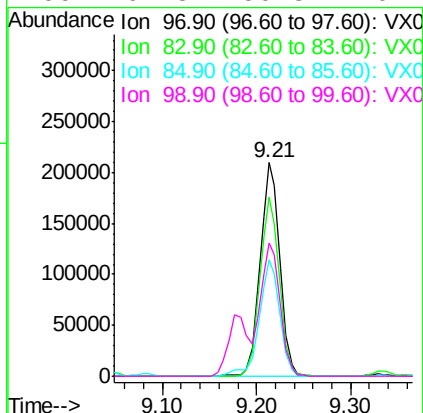
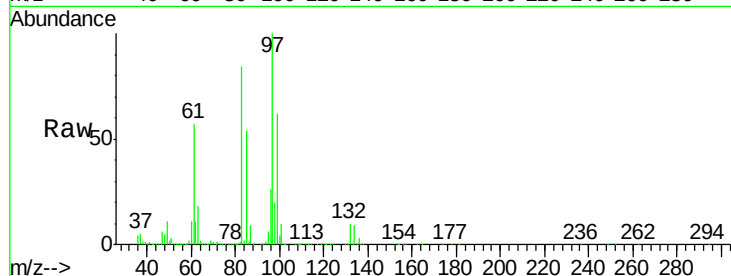




#55
 1,1,2-Trichloroethane
 Concen: 56.396 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

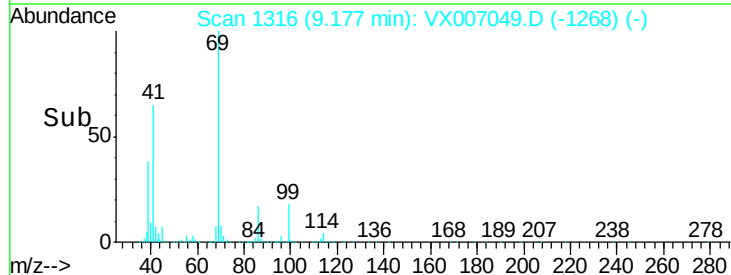
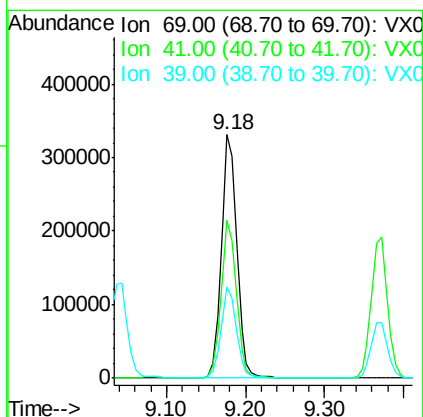
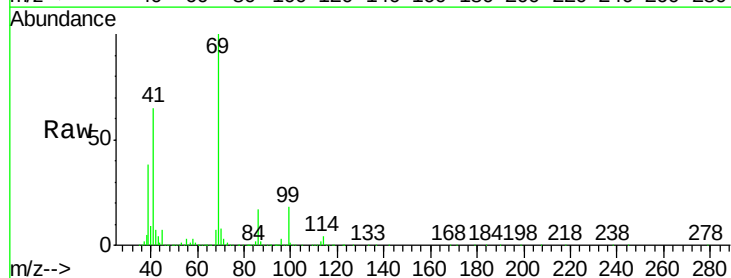
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

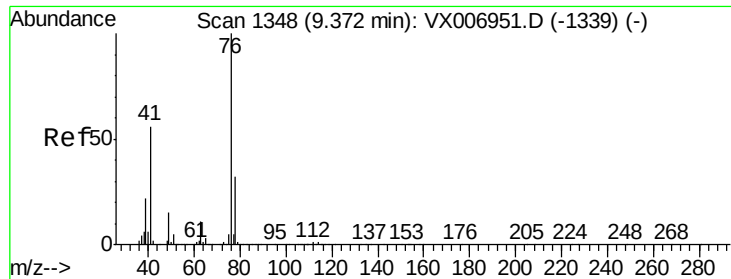
Tot Ion:	97	Resp:	308323
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.6	99.8
85	54.3	42.7	64.1
99	62.3	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 56.935 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion:	69	Resp:	454414
Ion	Ratio	Lower	Upper
69	100		
41	64.0	48.7	73.1
39	37.4	27.0	40.6

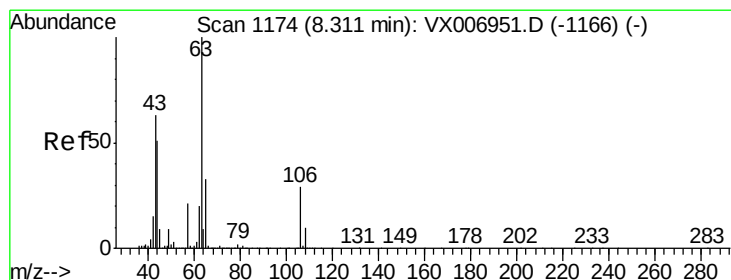
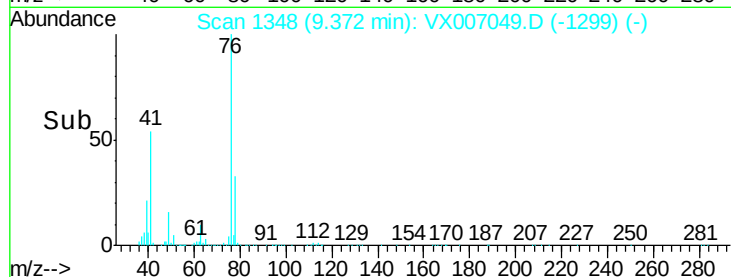
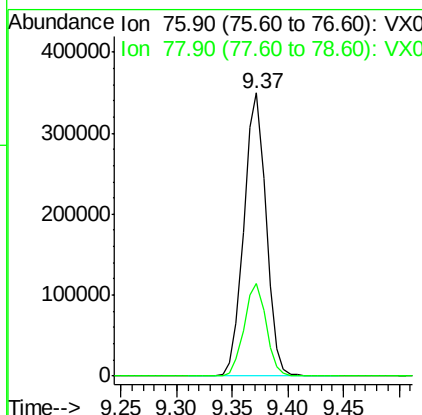
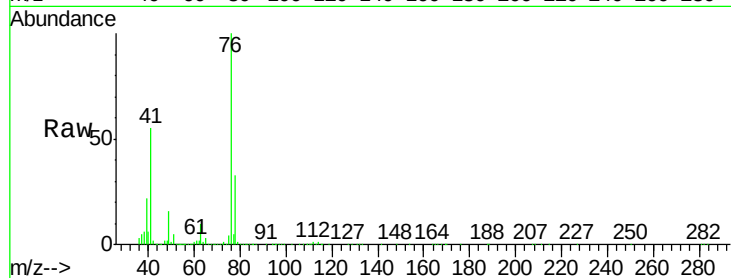




#57
 1,3-Dichloropropane
 Concen: 54.107 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

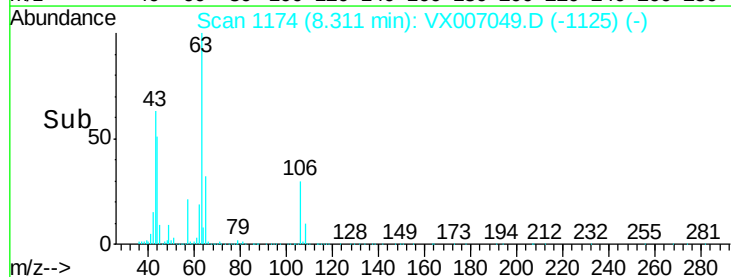
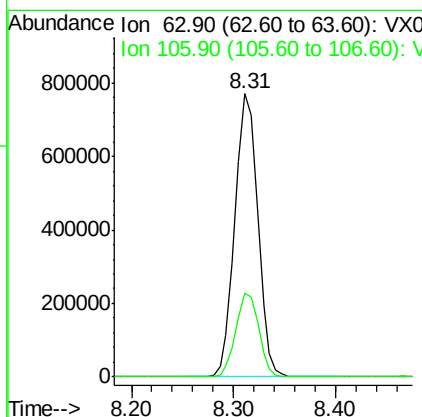
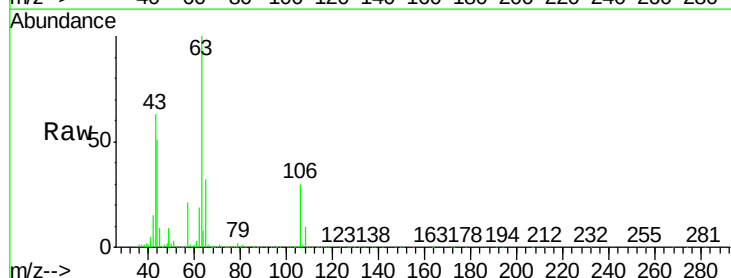
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

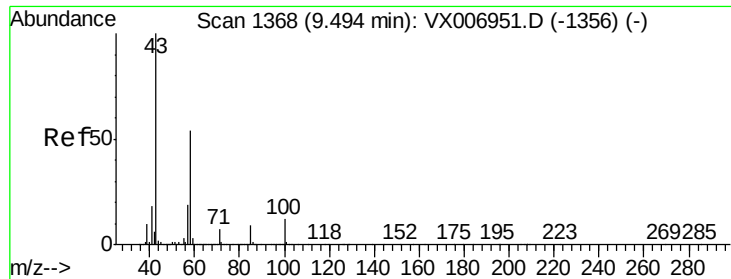
Tot Ion: 76 Resp: 484610
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 291.659 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion: 63 Resp: 1196850
 Ion Ratio Lower Upper
 63 100
 106 29.8 24.6 36.8

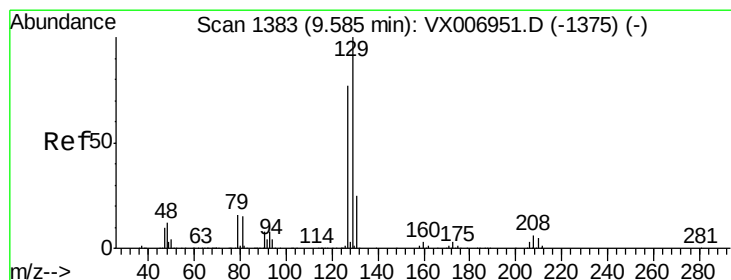
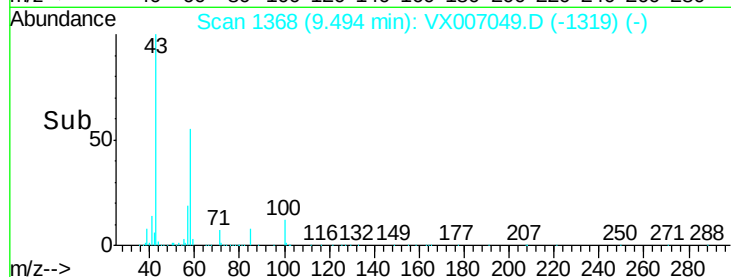
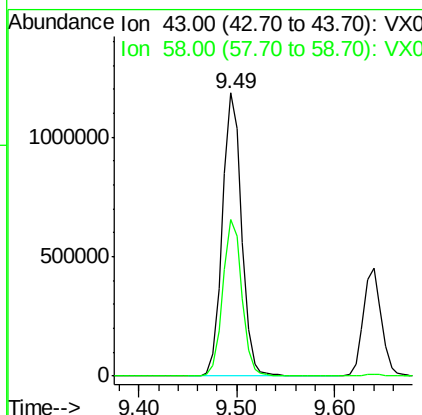
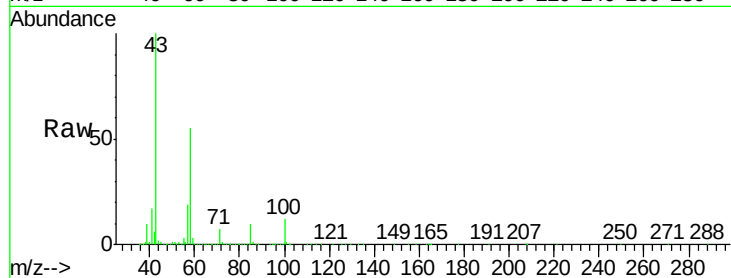




#59
2-Hexanone
Concen: 280.422 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

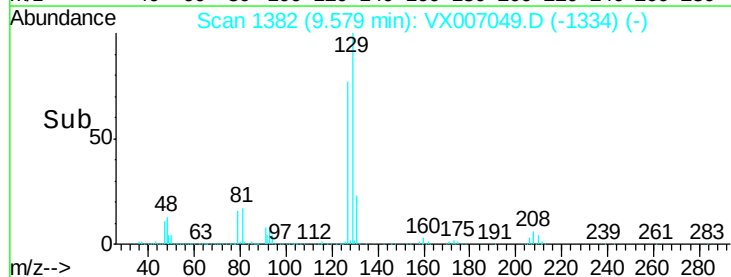
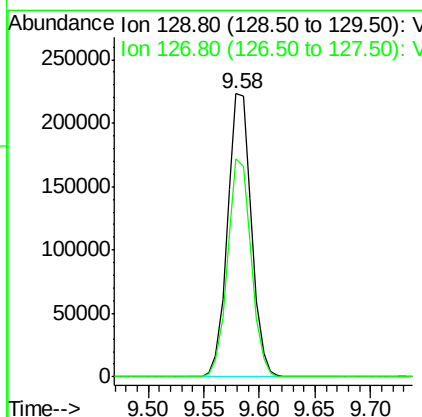
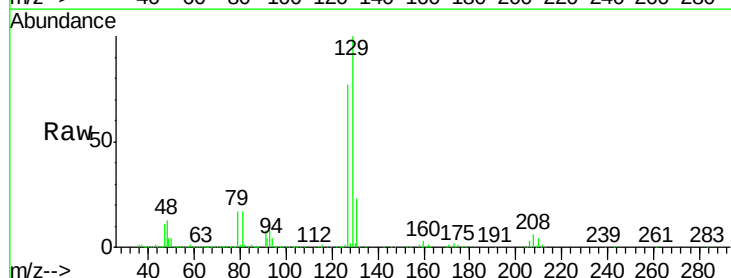
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

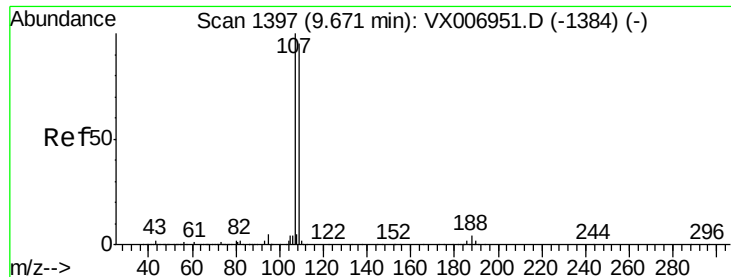
Tot Ion: 43 Resp: 1617476
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1



#60
Dibromochloromethane
Concen: 62.117 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion: 129 Resp: 329758
Ion Ratio Lower Upper
129 100
127 76.1 39.3 117.8





#61

1,2-Dibromoethane

Concen: 55.411 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

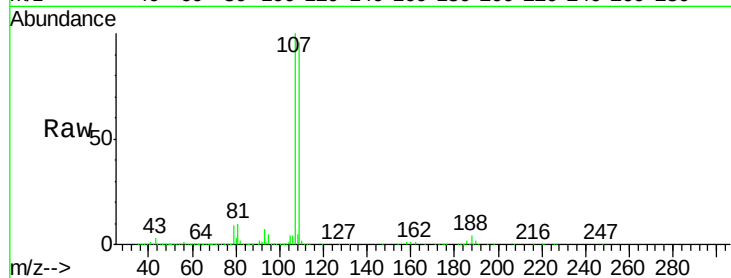
VSTDCCC050

Tot Ion:107 Resp: 333502

Ion Ratio Lower Upper

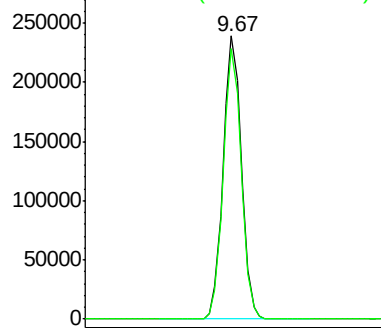
107 100

109 95.2 75.8 113.6

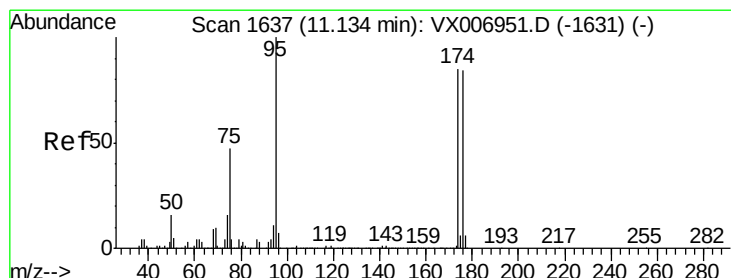
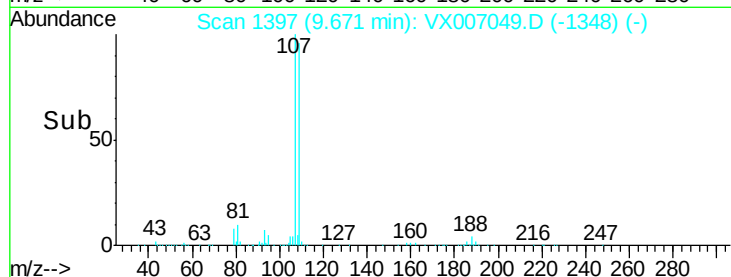


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 55.209 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

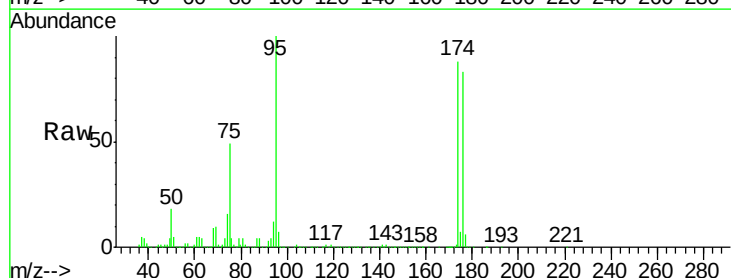
Tgt Ion: 95 Resp: 361410

Ion Ratio Lower Upper

95 100

174 94.1 0.0 182.2

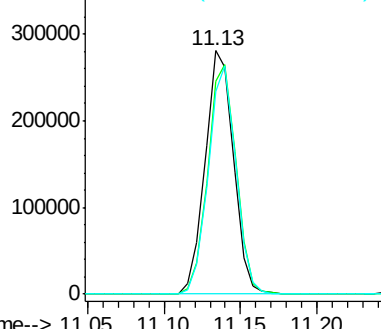
176 91.4 0.0 178.8



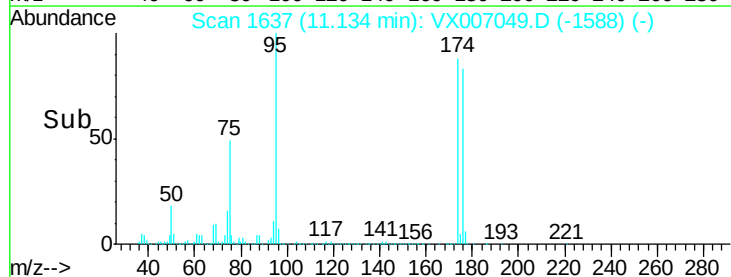
Abundance Ion 94.90 (94.60 to 95.60): VX0

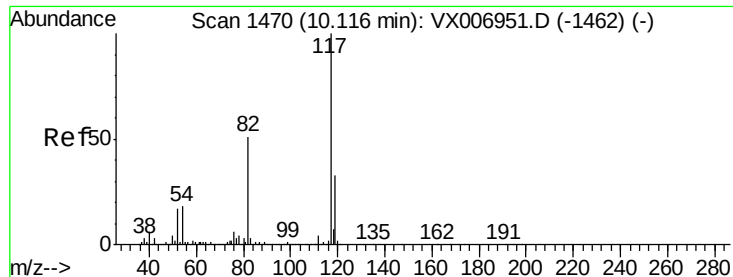
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

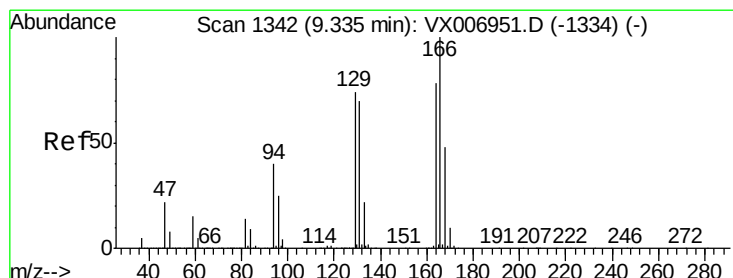
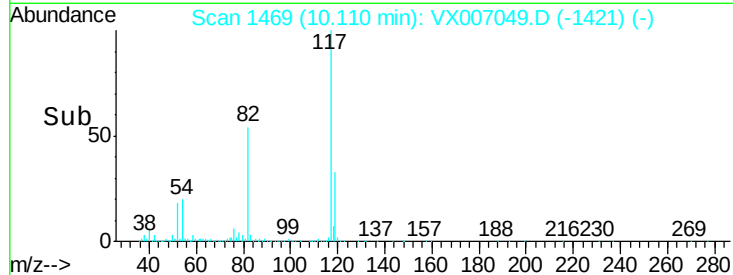
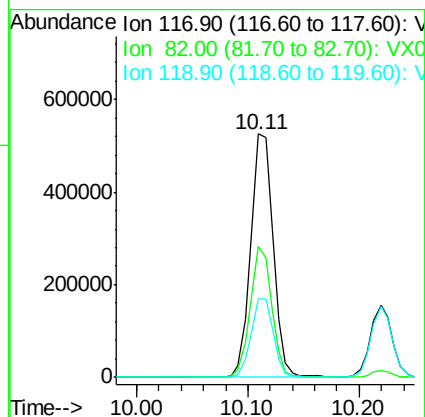
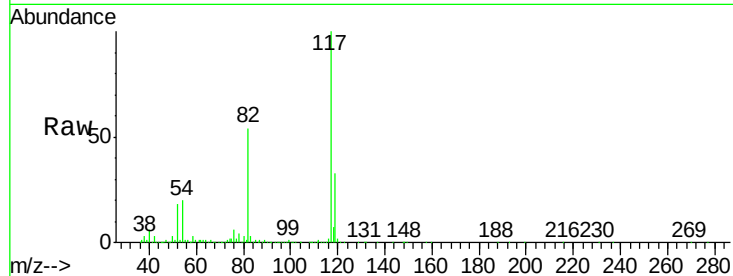




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

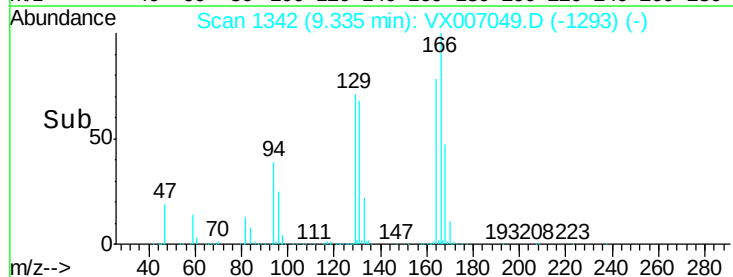
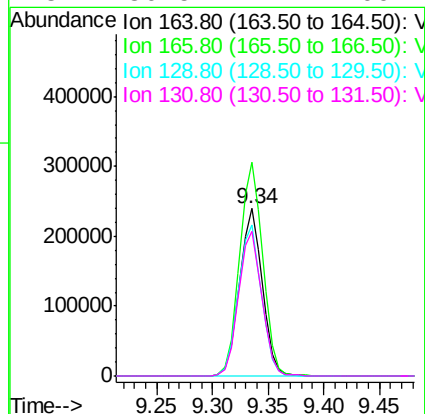
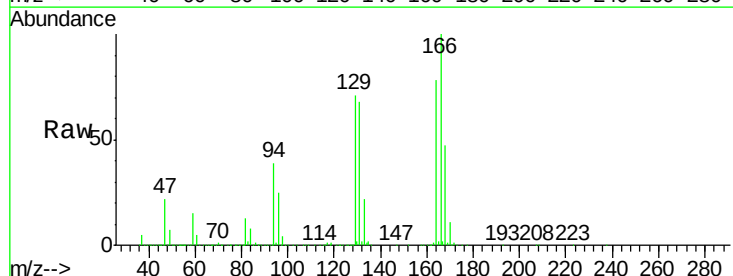
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

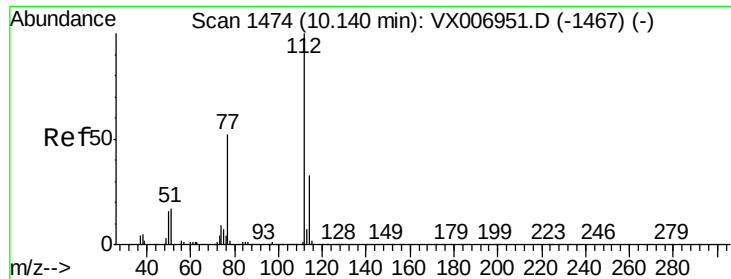
Tot Ion:117 Resp: 740924
Ion Ratio Lower Upper
117 100
82 53.5 41.0 61.6
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 53.045 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion:164 Resp: 340267
Ion Ratio Lower Upper
164 100
166 127.4 102.5 153.7
129 90.1 75.1 112.7
131 86.5 72.7 109.1





#65

Chlorobenzene

Concen: 54.127 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

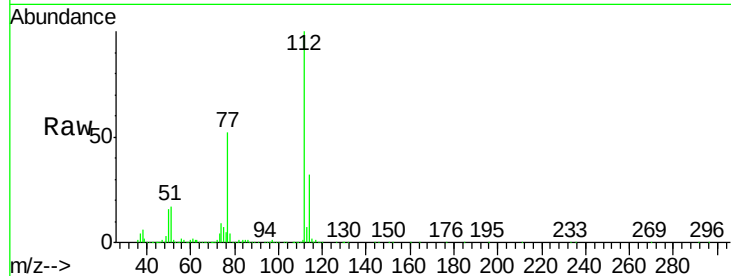
VSTDCCC050

Tot Ion:112 Resp: 874689

Ion Ratio Lower Upper

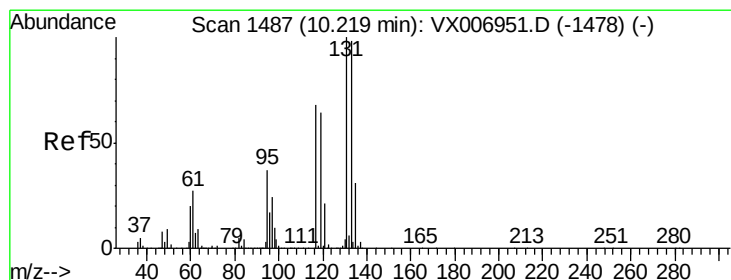
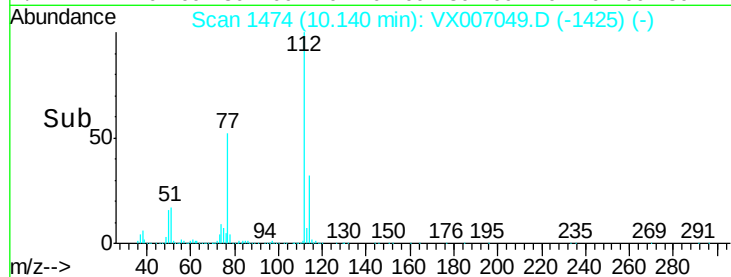
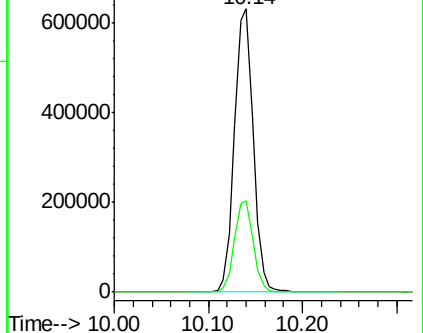
112 100

114 32.3 25.7 38.5



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: 58.305 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

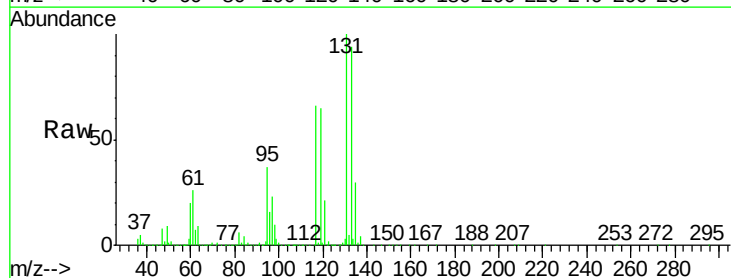
Tgt Ion:131 Resp: 316961

Ion Ratio Lower Upper

131 100

133 95.0 48.0 144.2

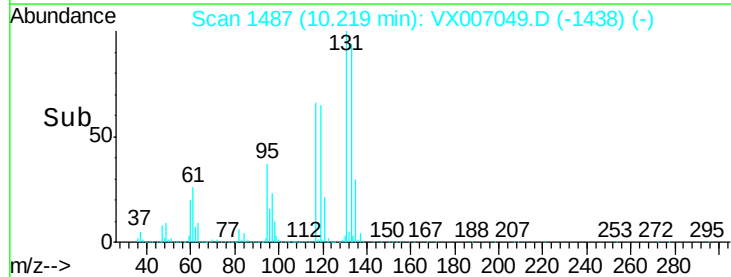
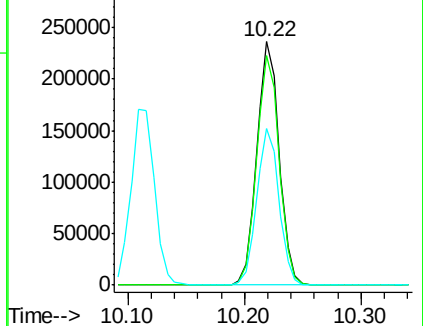
119 64.4 32.6 97.8

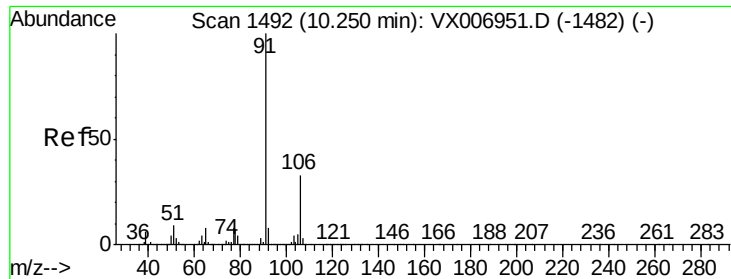


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.725 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

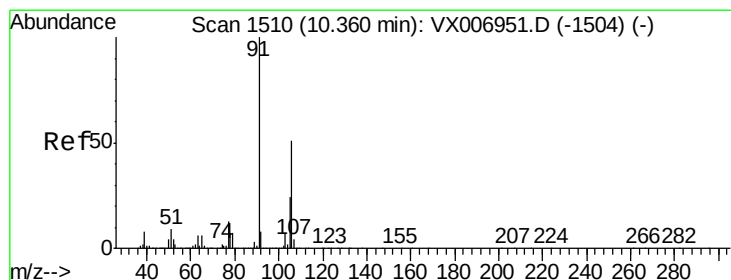
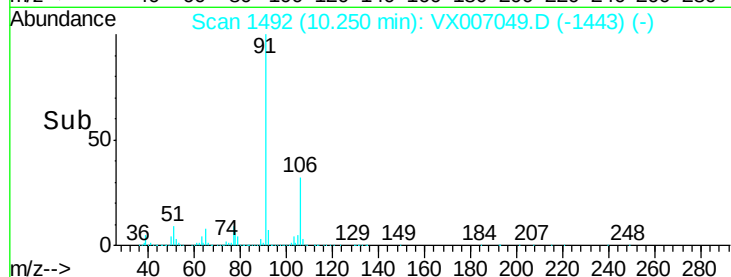
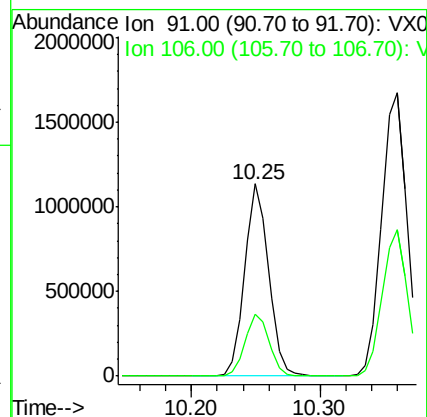
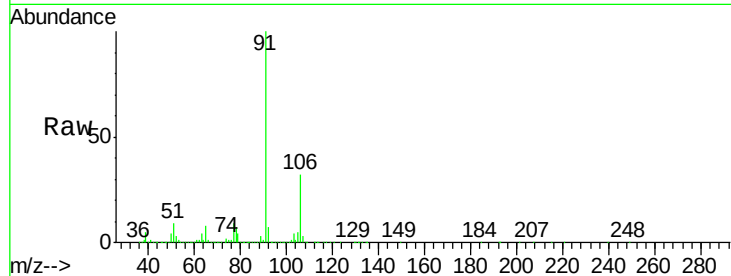
VSTDCCC050

Tot Ion: 91 Resp: 1459952

Ion Ratio Lower Upper

91 100

106 31.9 26.4 39.6



#68

m/p-Xylenes

Concen: 110.875 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007049.D

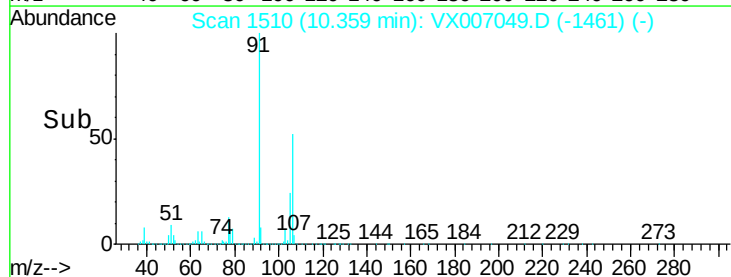
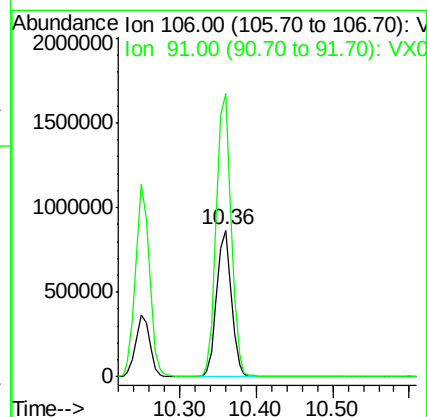
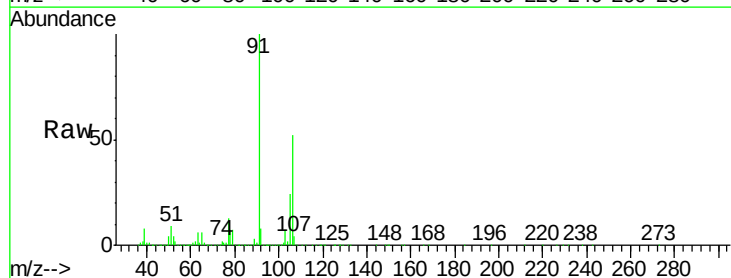
Acq: 15 Jan 2019 10:46

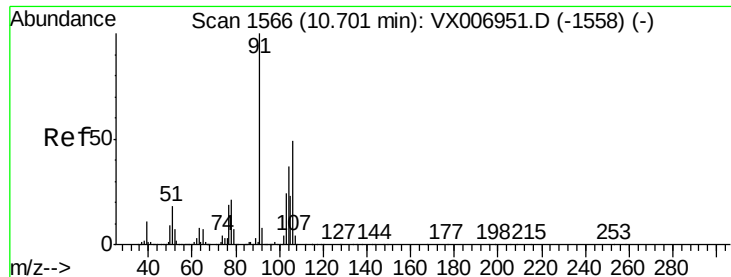
Tgt Ion: 106 Resp: 1165380

Ion Ratio Lower Upper

106 100

91 195.8 155.8 233.6





#69

o-Xylene

Concen: 55.208 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

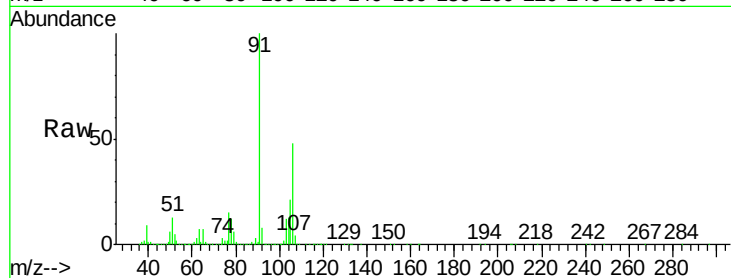
VSTDCCC050

Tot Ion:106 Resp: 565918

Ion Ratio Lower Upper

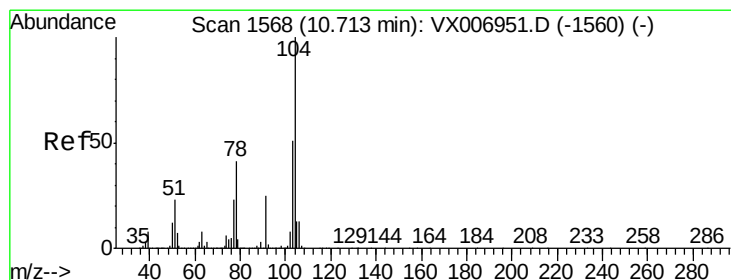
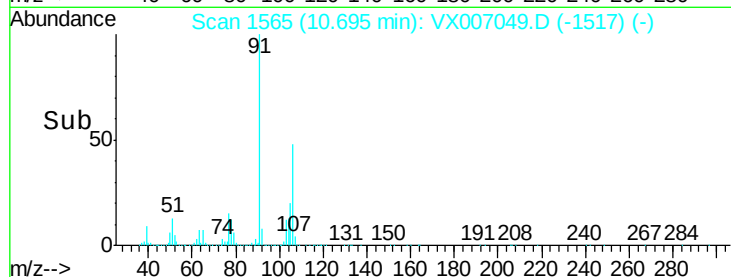
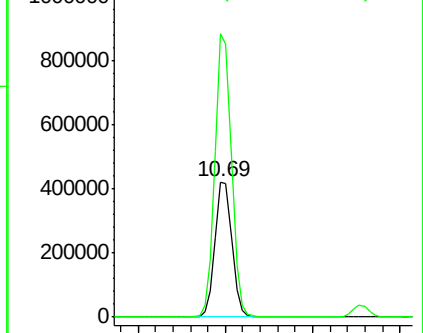
106 100

91 205.0 101.3 303.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 56.764 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

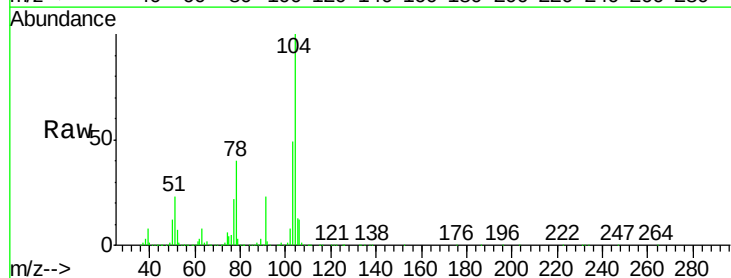
Tgt Ion:104 Resp: 921553

Ion Ratio Lower Upper

104 100

78 47.6 37.7 56.5

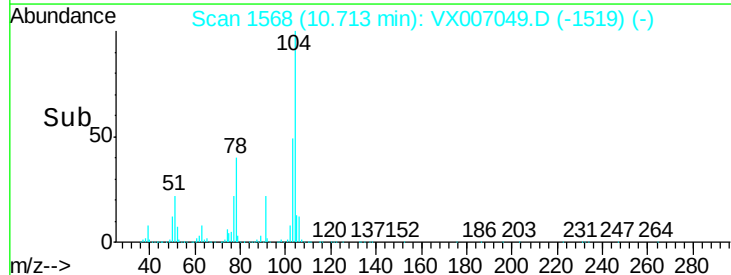
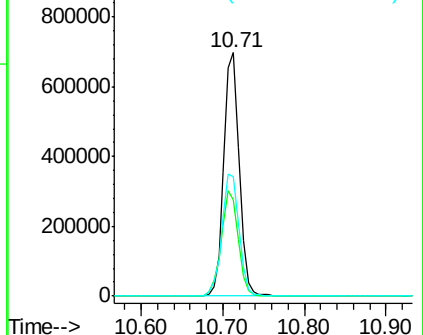
103 55.8 43.8 65.8

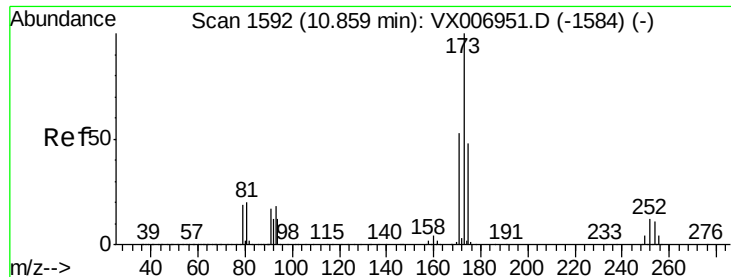


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.114 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

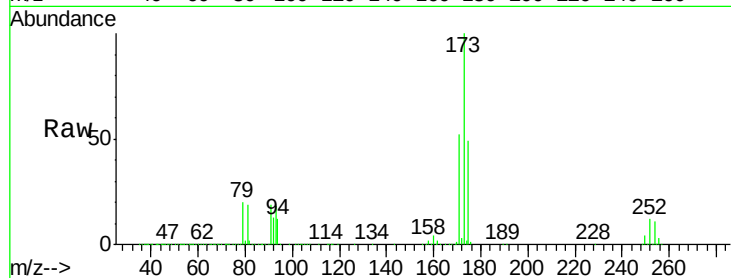
Tot Ion:173 Resp: 249167

Ion Ratio Lower Upper

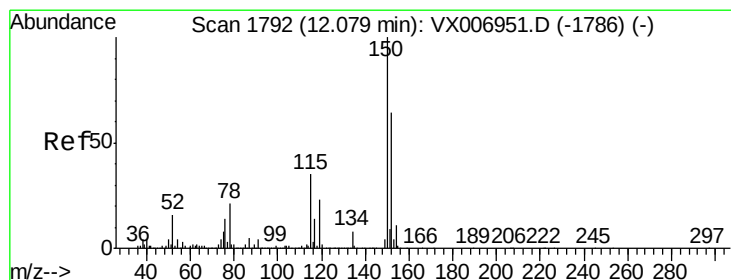
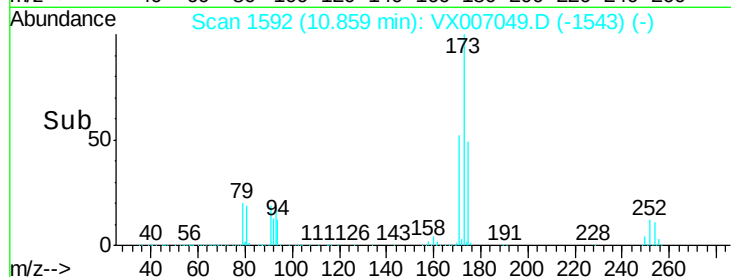
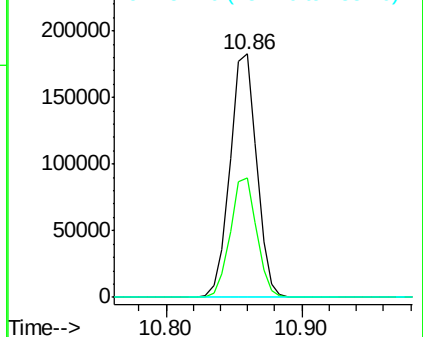
173 100

175 48.5 24.7 74.1

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

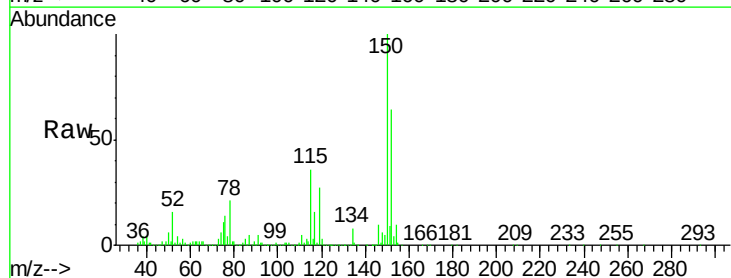
Tgt Ion:152 Resp: 398662

Ion Ratio Lower Upper

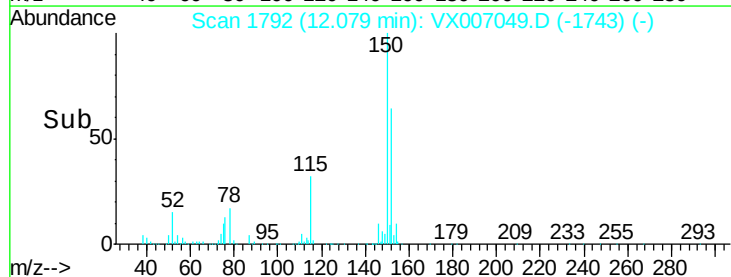
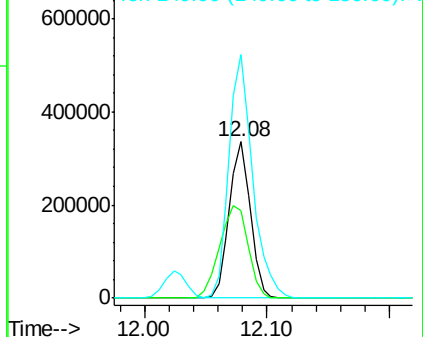
152 100

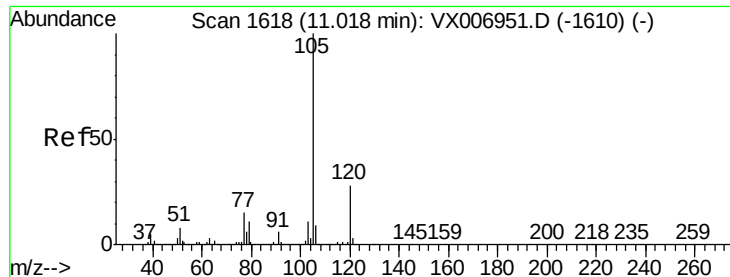
115 80.8 39.1 117.2

150 175.3 0.0 344.8



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





#73

Isopropylbenzene

Concen: 53.405 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

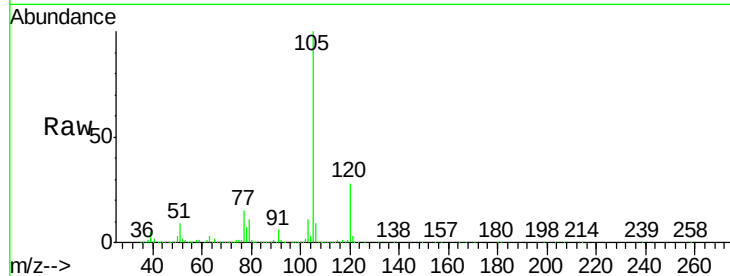
VSTDCCC050

Tot Ion:105 Resp: 1501278

Ion Ratio Lower Upper

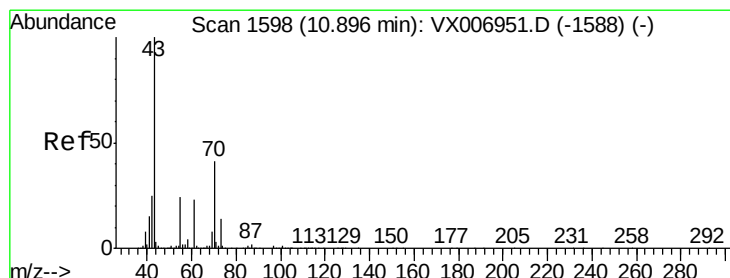
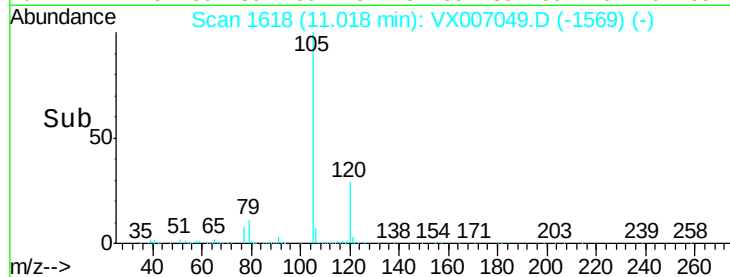
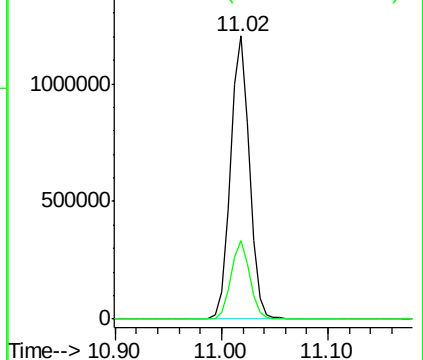
105 100

120 27.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.145 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tgt Ion: 43 Resp: 590189

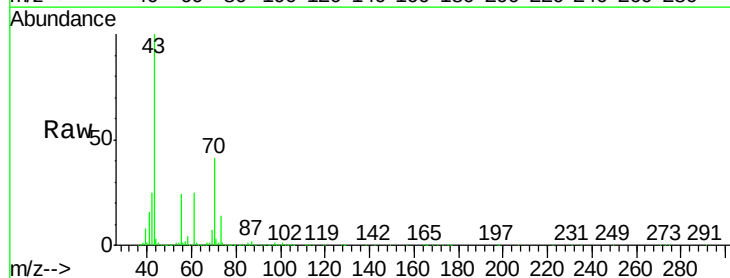
Ion Ratio Lower Upper

43 100

70 42.8 35.8 53.8

55 24.3 19.4 29.0

61 24.3 20.1 30.1

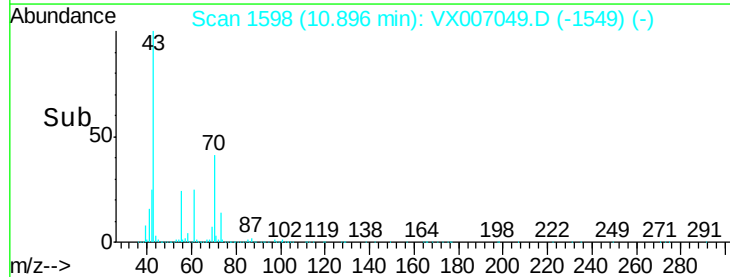
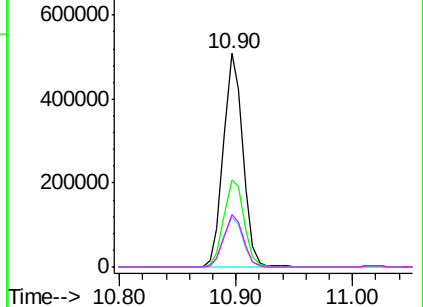


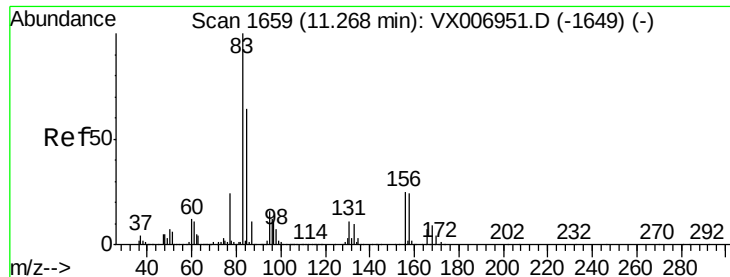
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.250 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

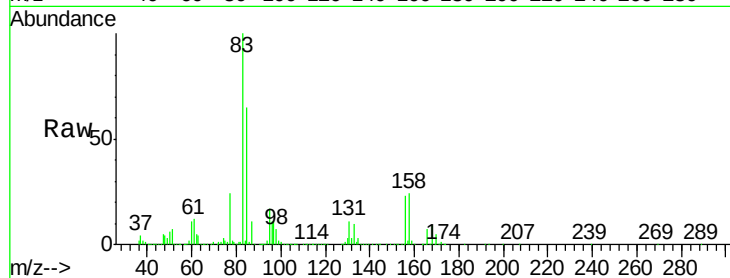
Tot Ion: 83 Resp: 448446

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

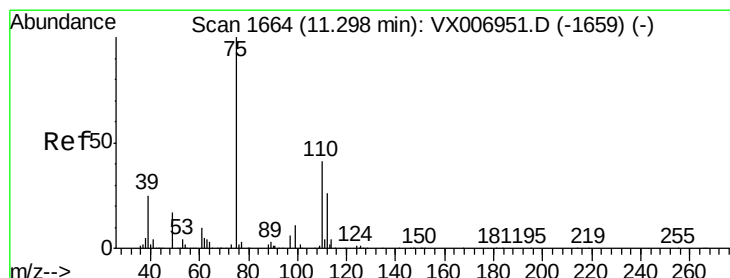
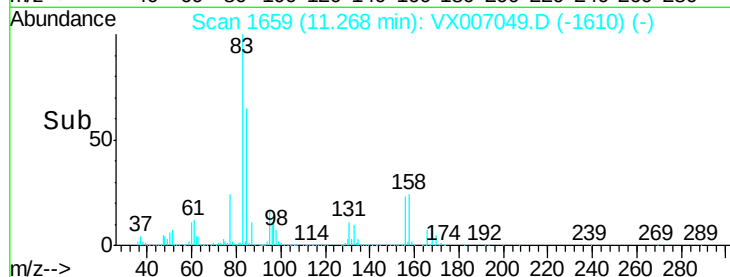
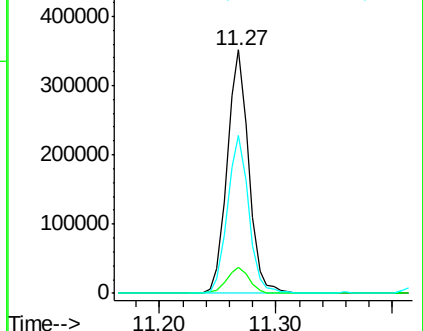
85 64.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.392 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007049.D

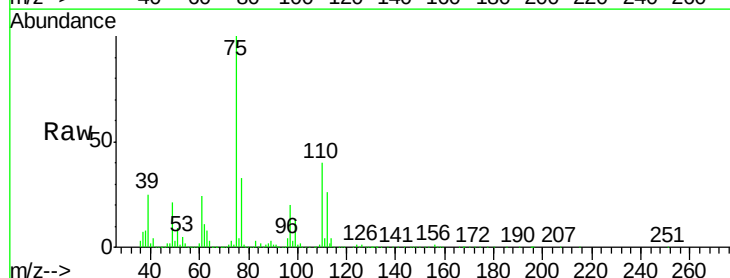
Acq: 15 Jan 2019 10:46

Tgt Ion: 75 Resp: 520205

Ion Ratio Lower Upper

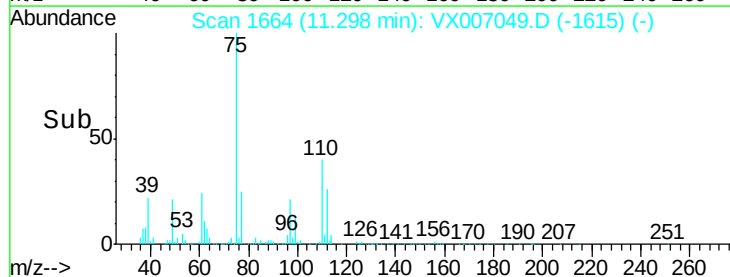
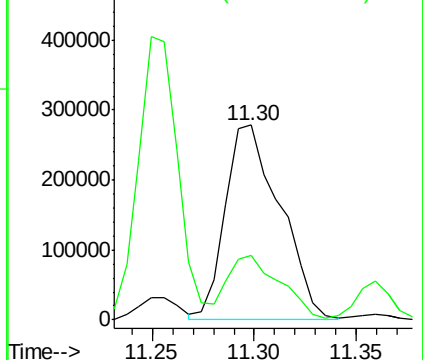
75 100

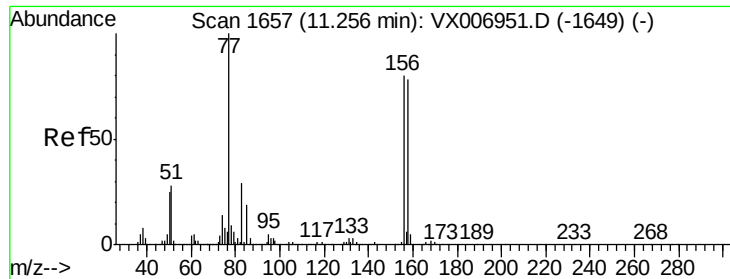
77 31.2 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.580 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

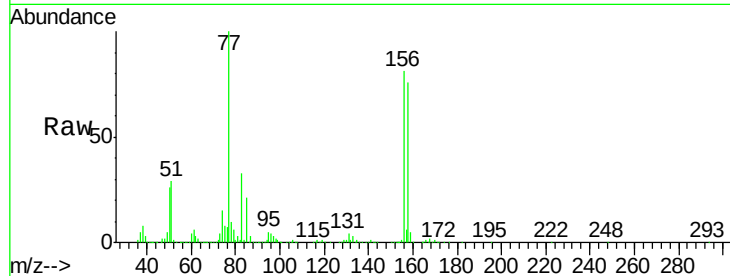
Tot Ion:156 Resp: 407272

Ion Ratio Lower Upper

156 100

77 134.9 68.0 204.0

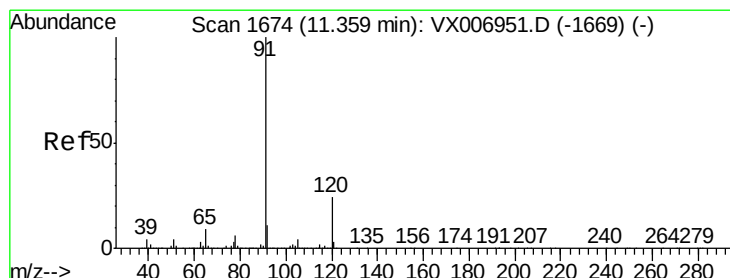
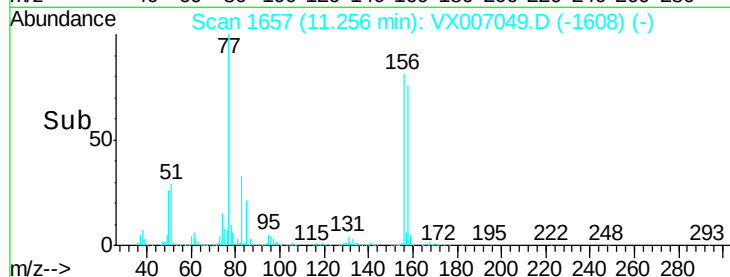
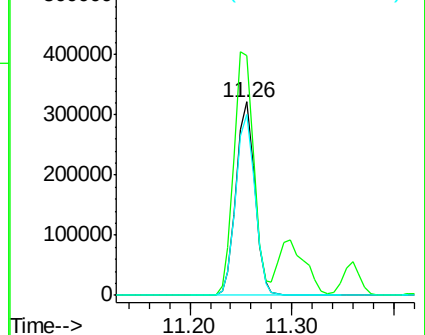
158 96.0 48.3 144.8



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: 55.816 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007049.D

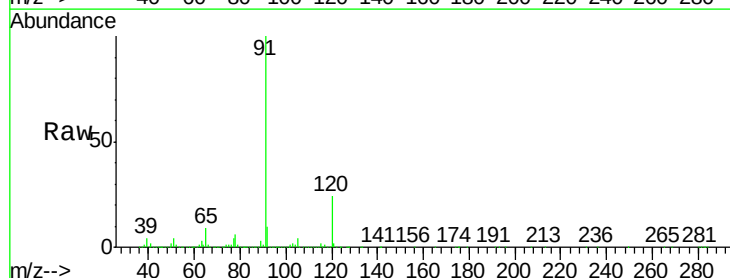
Acq: 15 Jan 2019 10:46

Tgt Ion: 91 Resp: 1722484

Ion Ratio Lower Upper

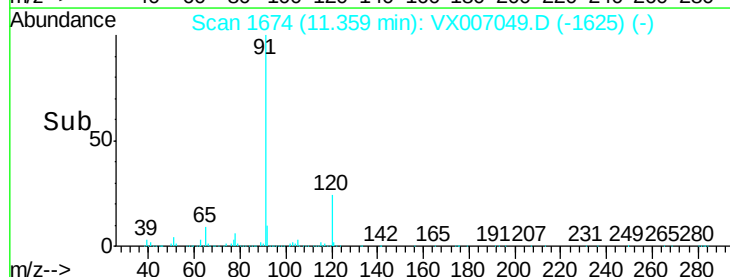
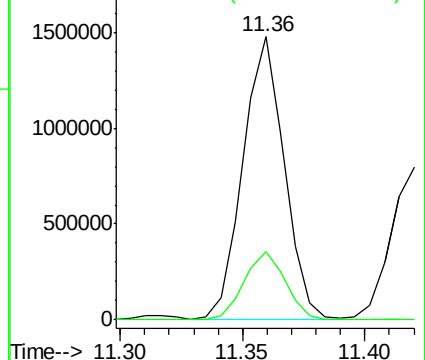
91 100

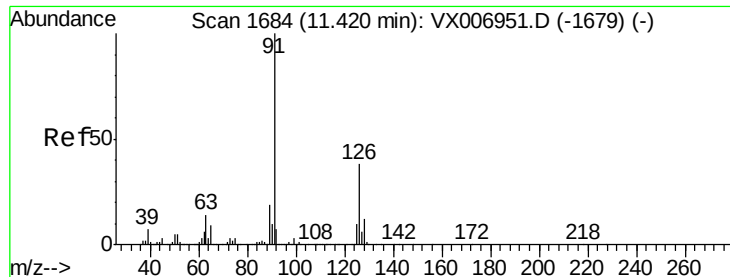
120 24.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.879 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

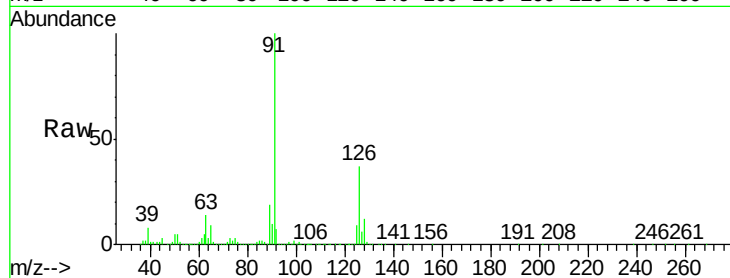
VSTDCCC050

Tot Ion: 91 Resp: 982301

Ion Ratio Lower Upper

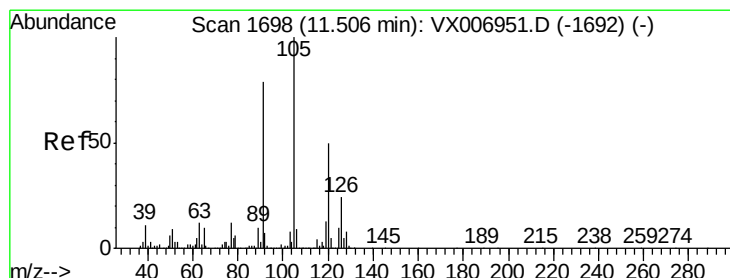
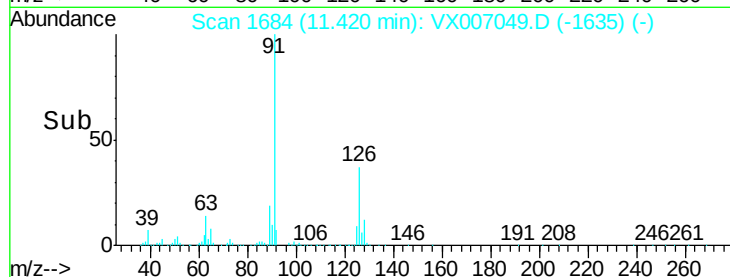
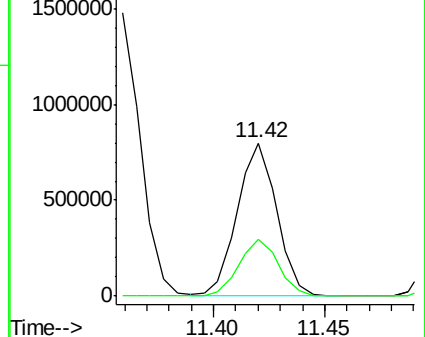
91 100

126 37.3 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006951.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.340 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007049.D

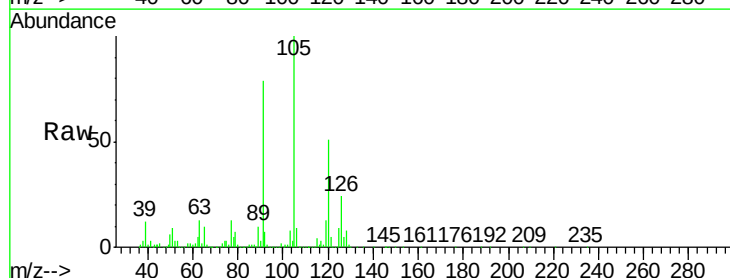
Acq: 15 Jan 2019 10:46

Tgt Ion: 105 Resp: 1252909

Ion Ratio Lower Upper

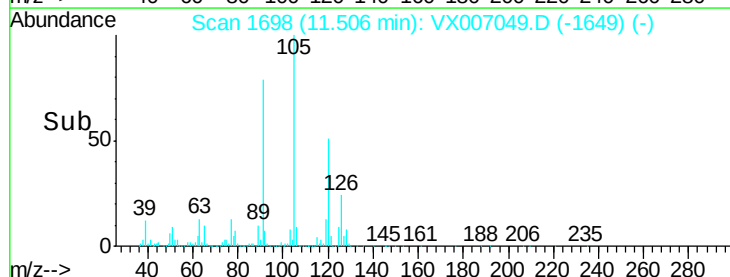
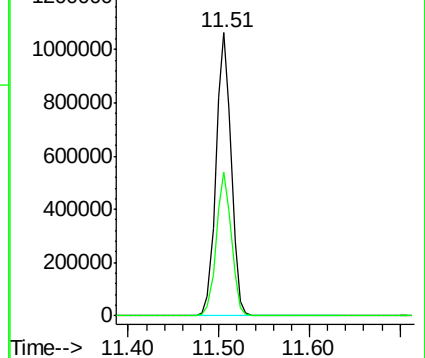
105 100

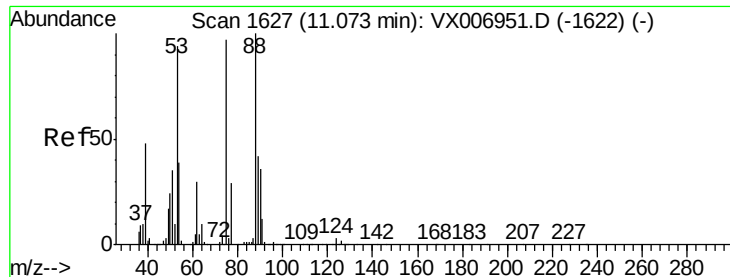
120 50.4 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006951.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006951.D (-1692) (-)

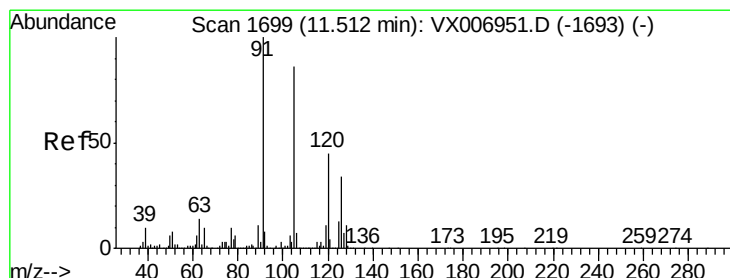
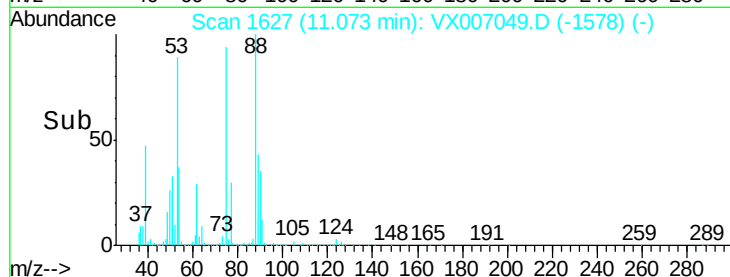
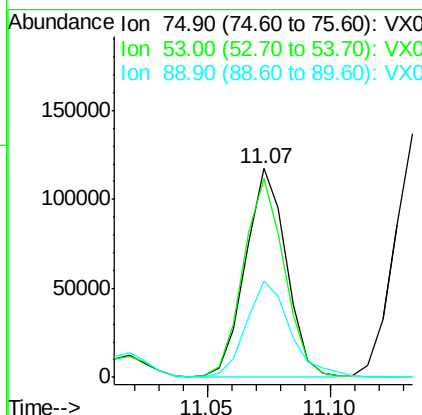
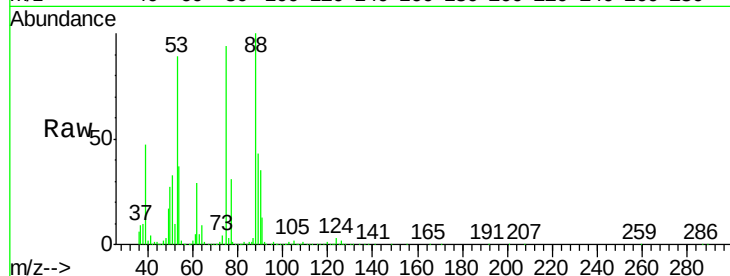




#81
trans-1,4-Dichloro-2-butene
Concen: 51.055 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

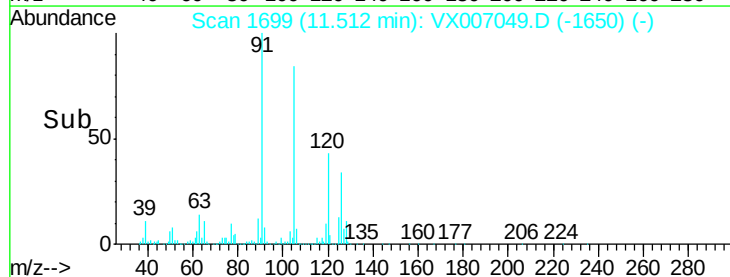
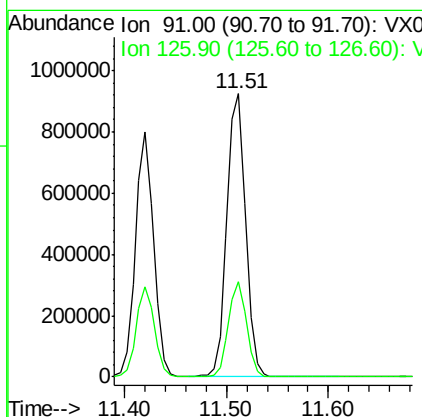
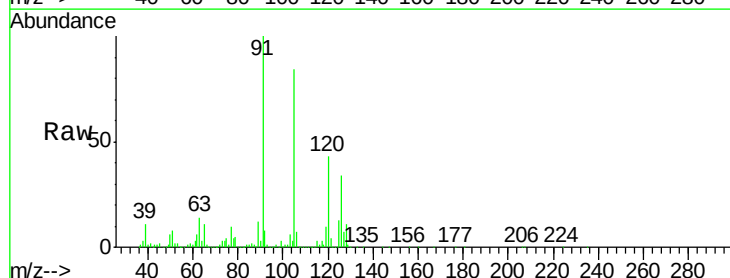
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

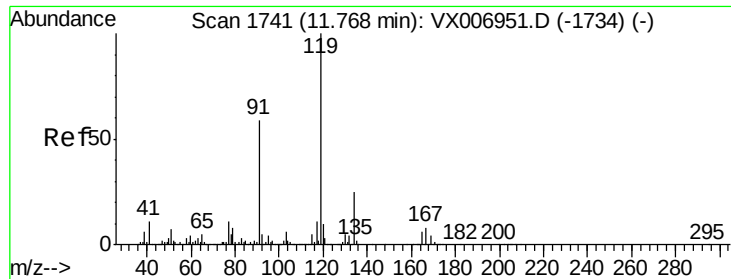
Tot Ion: 75 Resp: 136904
Ion Ratio Lower Upper
75 100
53 95.5 79.7 119.5
89 50.0 38.0 57.0



#82
4-Chlorotoluene
Concen: 54.500 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007049.D
Acq: 15 Jan 2019 10:46

Tgt Ion: 91 Resp: 1172213
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.9

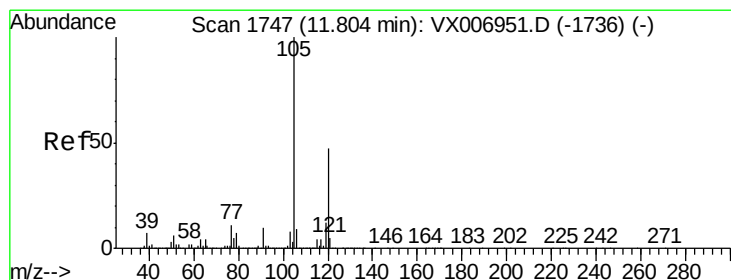
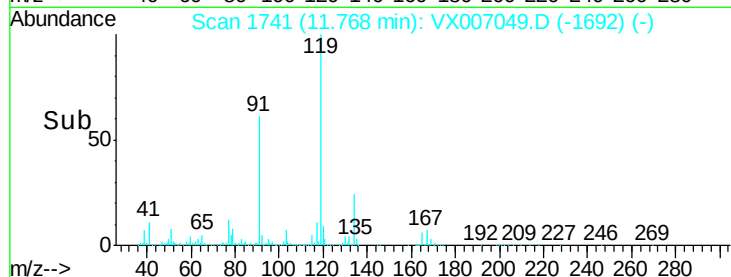
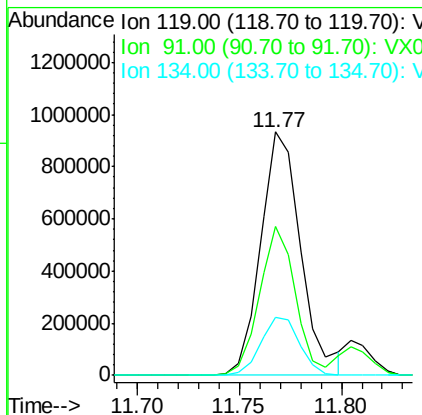
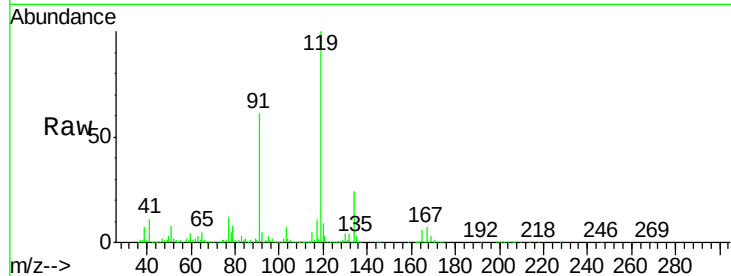




#83
 tert-Butylbenzene
 Concen: 54.420 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

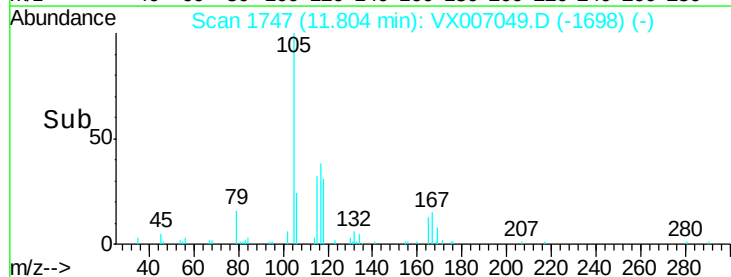
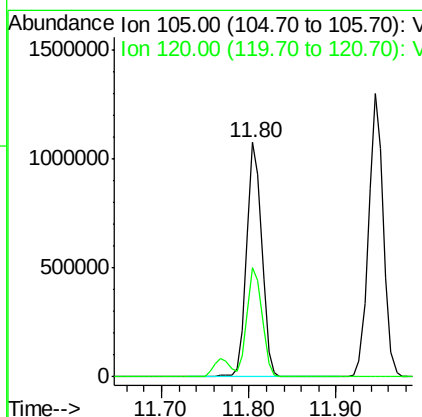
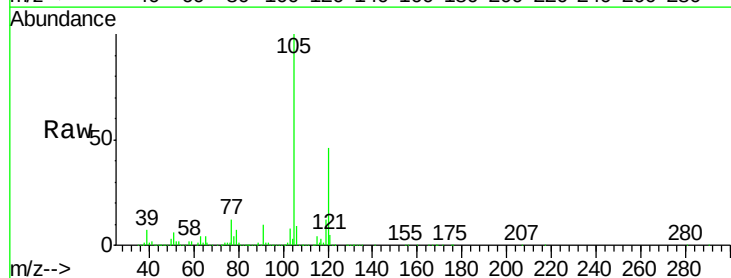
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

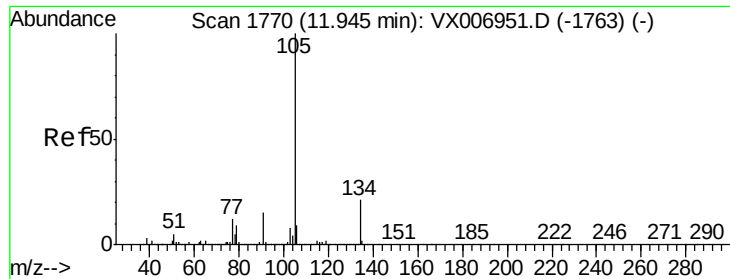
Tot Ion:119 Resp: 1275371
 Ion Ratio Lower Upper
 119 100
 91 54.9 27.7 83.1
 134 23.1 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 54.672 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion:105 Resp: 1291377
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 55.136 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

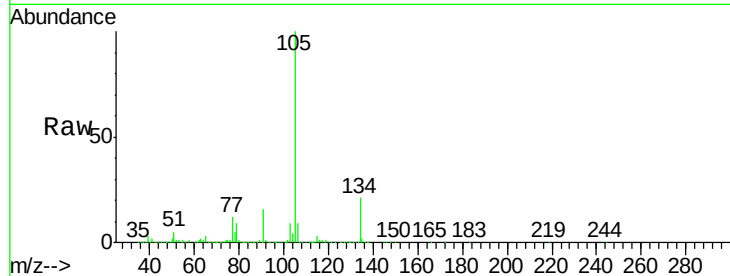
VSTDCCC050

Tot Ion:105 Resp: 1543180

Ion Ratio Lower Upper

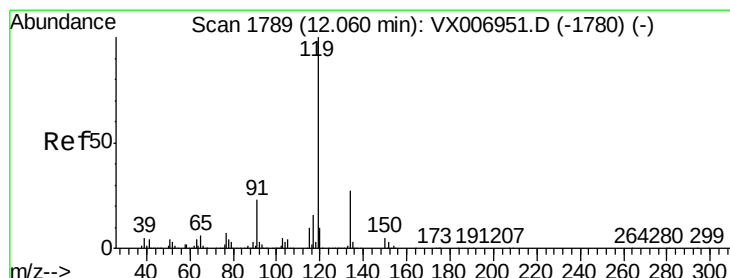
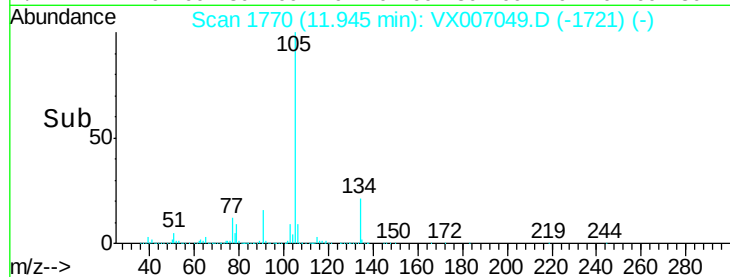
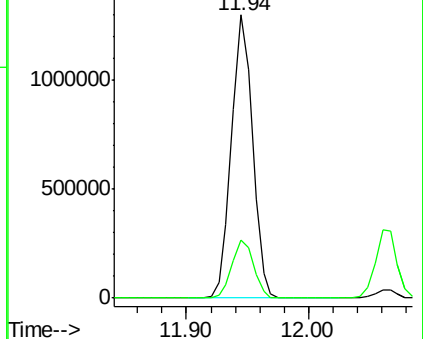
105 100

134 21.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.685 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

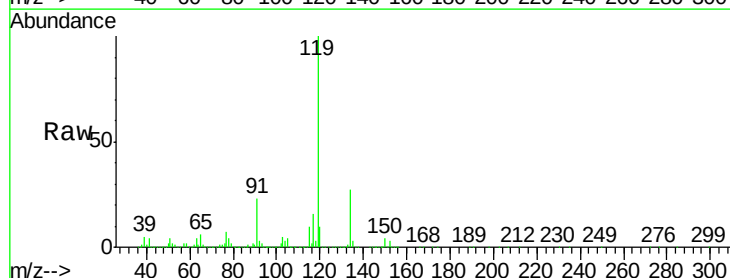
Tgt Ion:119 Resp: 1394070

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

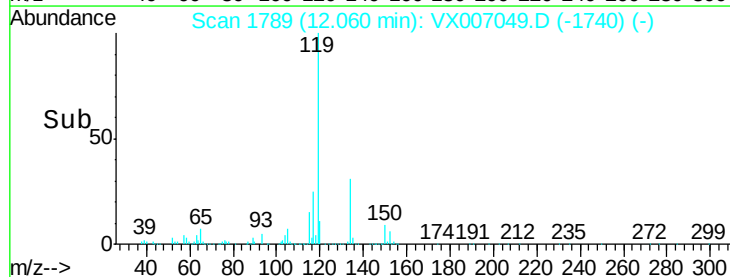
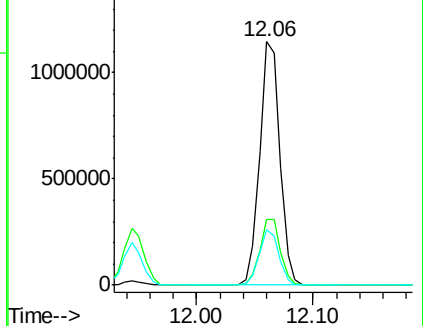
91 22.5 11.3 33.9

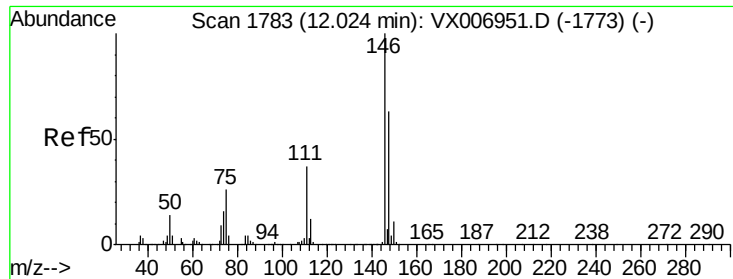


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

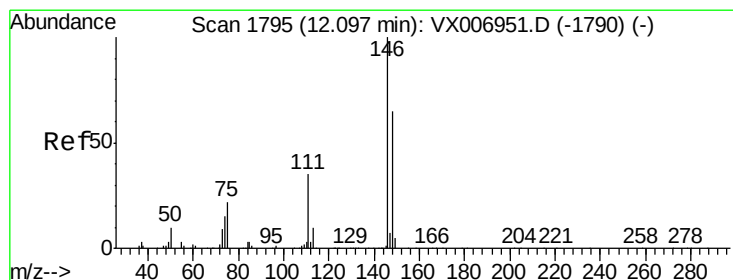
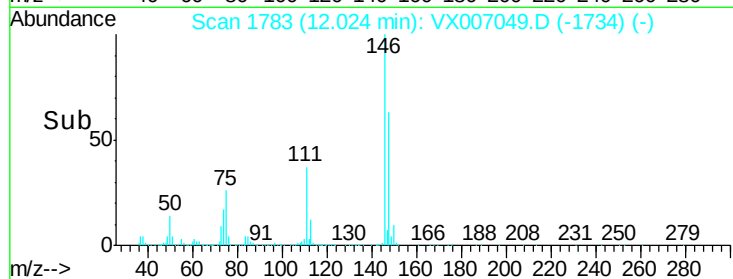
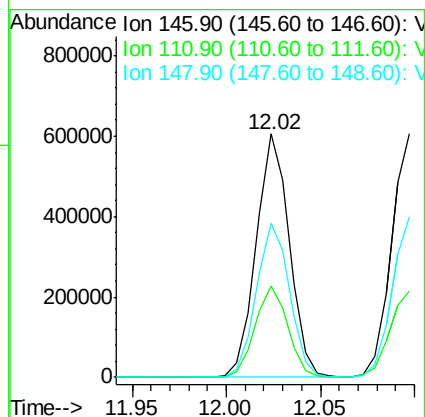
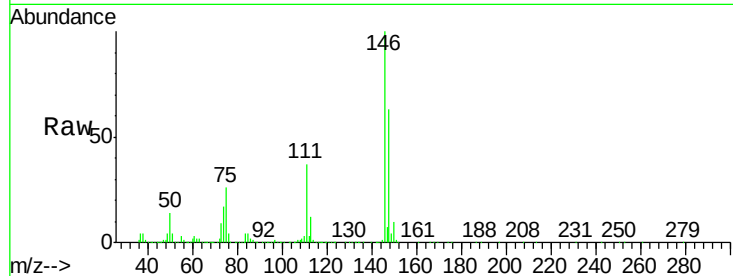




#87
 1,3-Dichlorobenzene
 Concen: 52.736 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

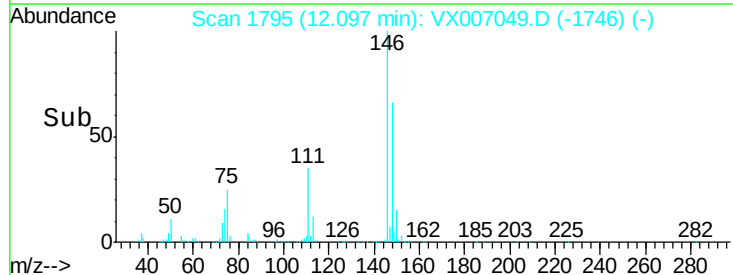
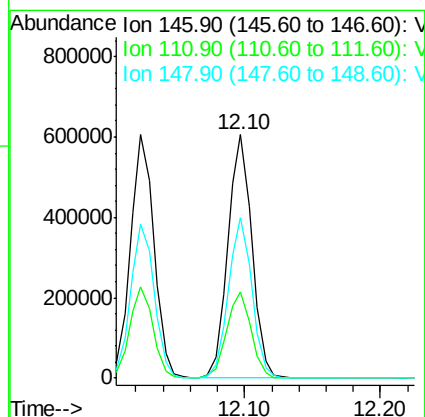
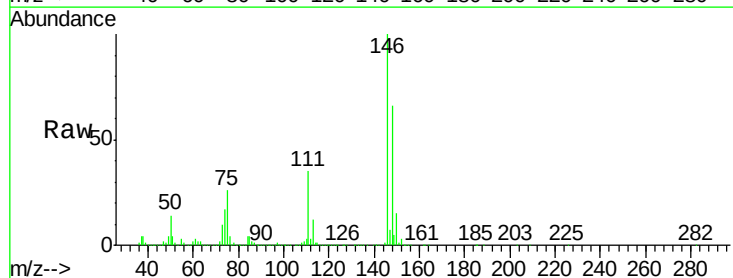
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

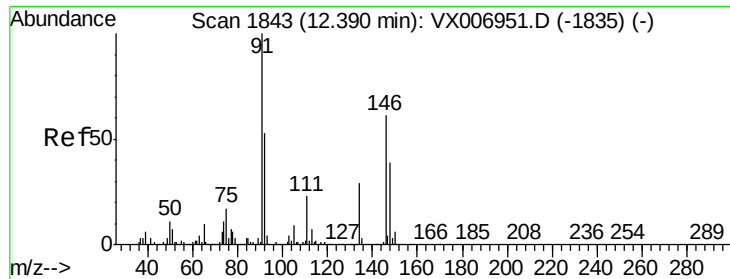
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	63.7	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 55.557 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	64.7	31.9	95.9





#89

n-Butylbenzene

Concen: 57.042 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

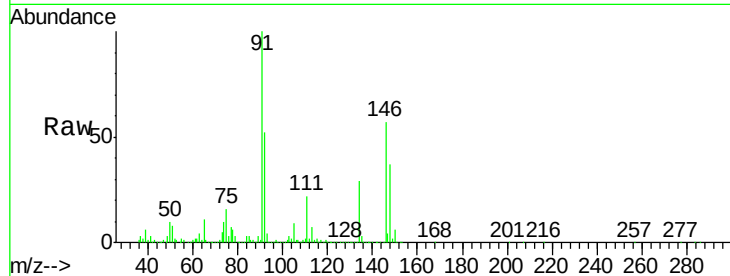
Tot Ion: 91 Resp: 1217350

Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.8	80.4
134	28.1	14.4	43.2

91 100

92 52.8 26.8 80.4

134 28.1 14.4 43.2

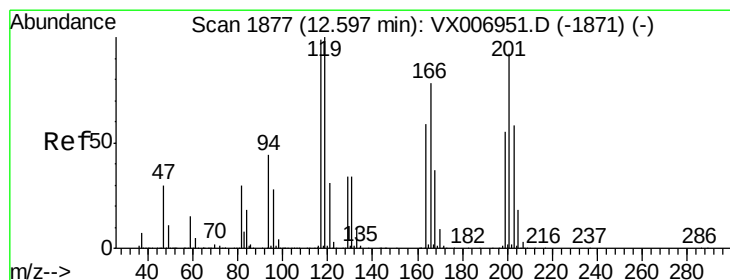
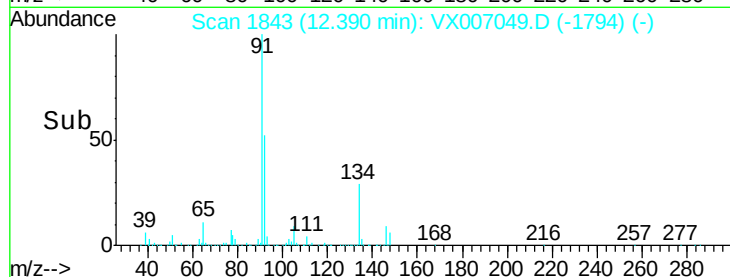
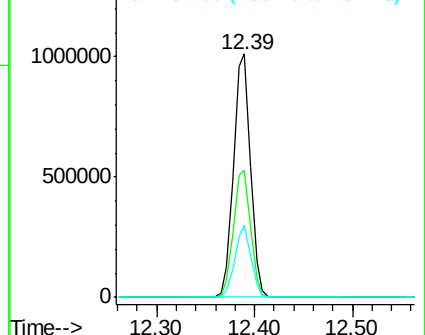


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.763 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007049.D

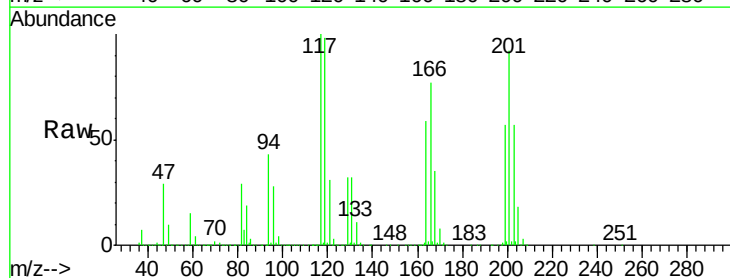
Acq: 15 Jan 2019 10:46

Tgt Ion: 117 Resp: 215803

Ion	Ratio	Lower	Upper
117	100		
201	90.0	42.9	128.7

117 100

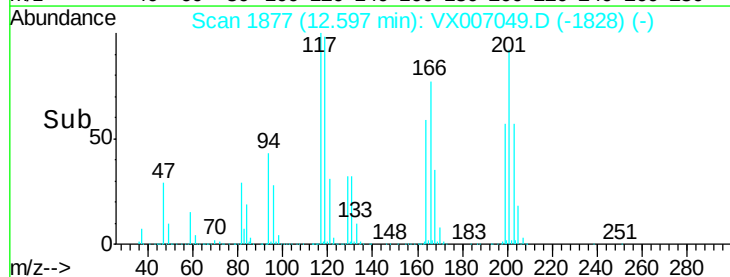
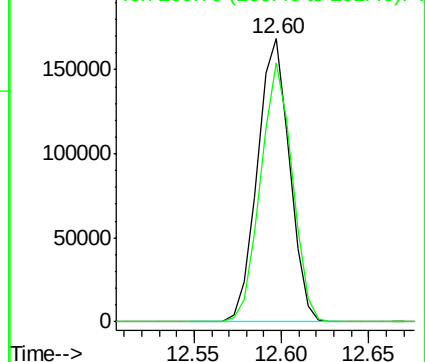
201 90.0 42.9 128.7

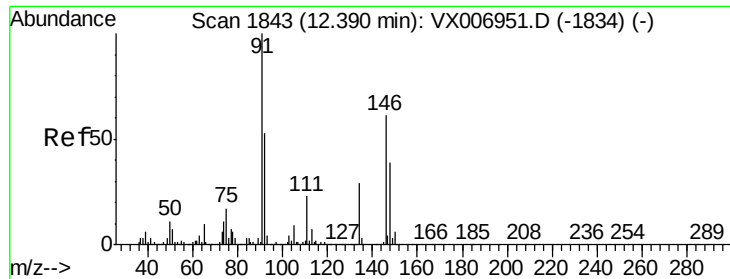


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

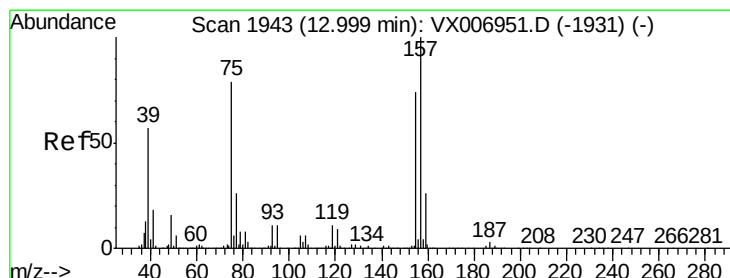
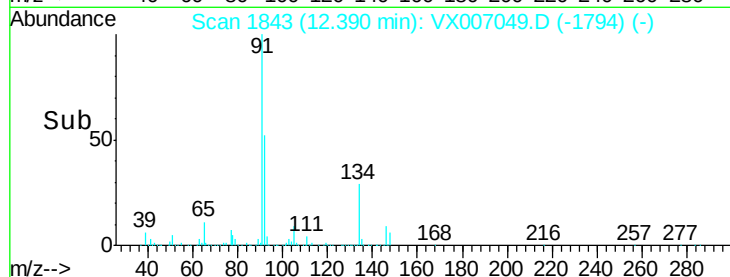
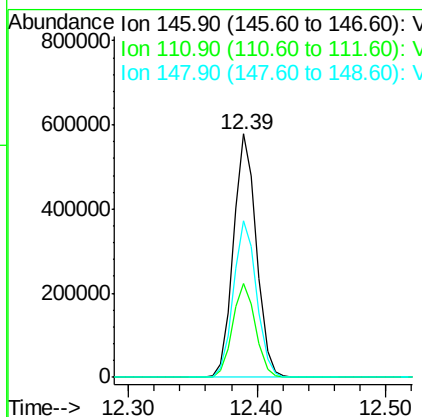
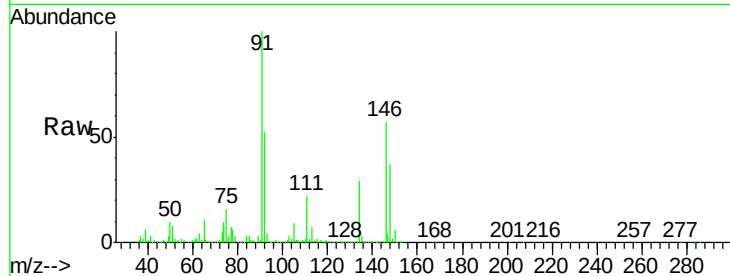




#91
 1,2-Dichlorobenzene
 Concen: 52.098 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

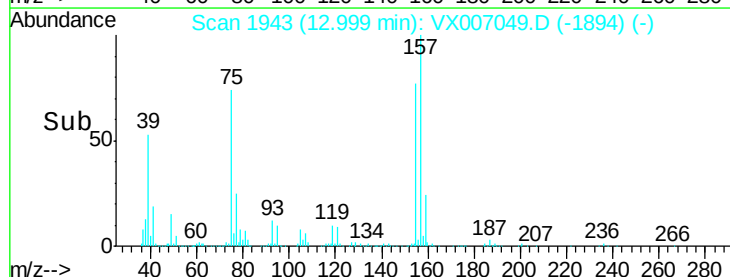
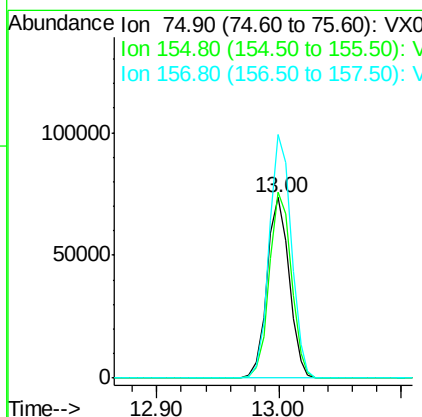
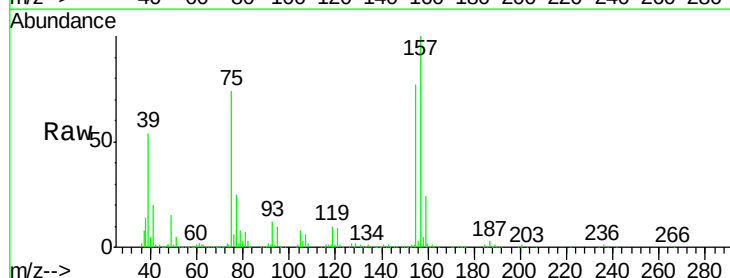
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

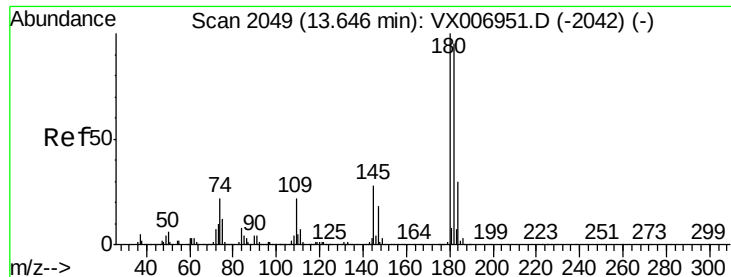
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	64.8	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.500 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007049.D
 Acq: 15 Jan 2019 10:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.7	50.6	151.8
157	134.6	64.6	193.8





#93

1,2,4-Trichlorobenzene

Concen: 54.989 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

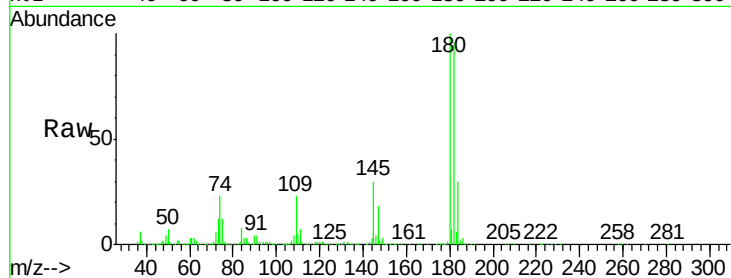
Tot Ion:180 Resp: 521237

Ion Ratio Lower Upper

180 100

182 95.4 47.3 142.0

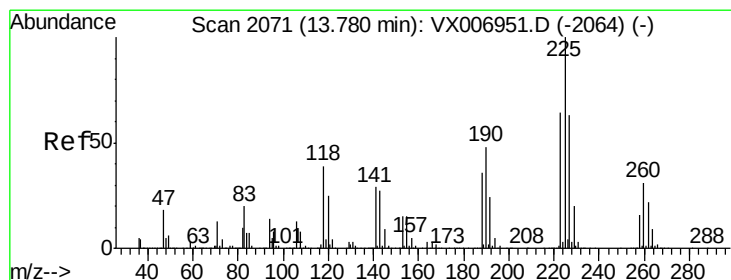
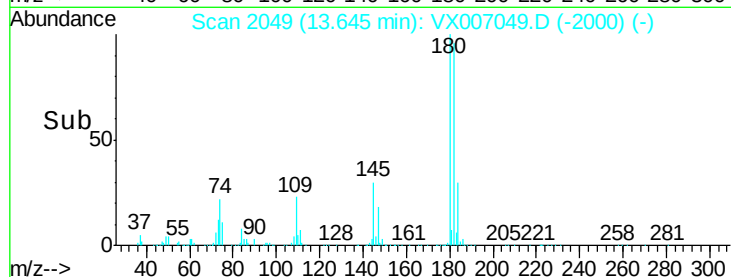
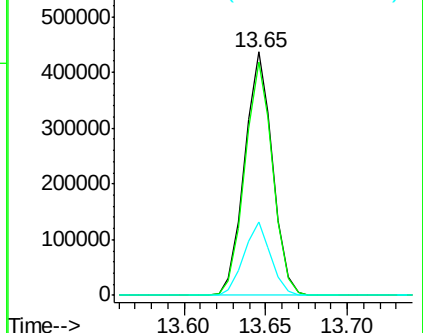
145 29.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 57.153 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

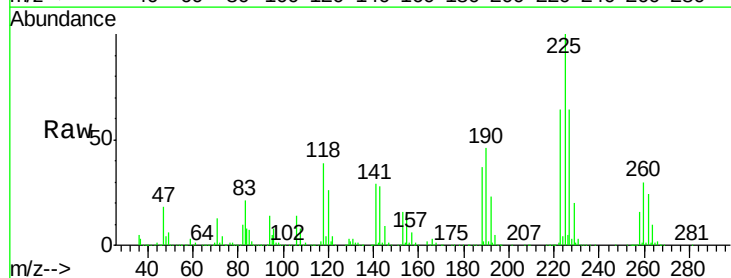
Tgt Ion:225 Resp: 240409

Ion Ratio Lower Upper

225 100

223 62.4 32.1 96.3

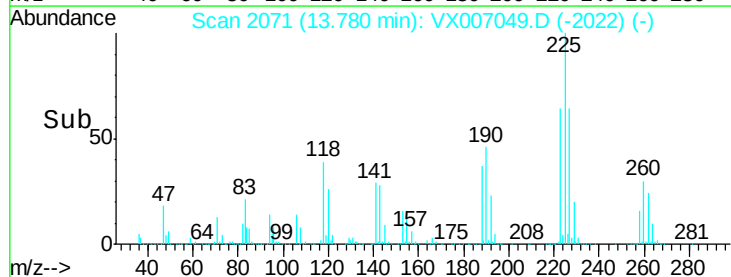
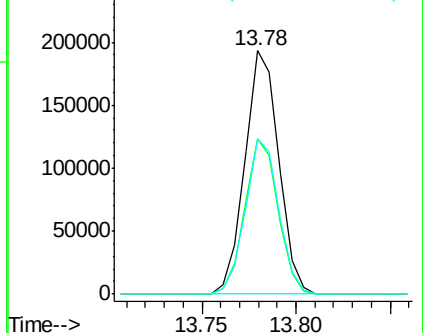
227 63.2 32.3 96.8

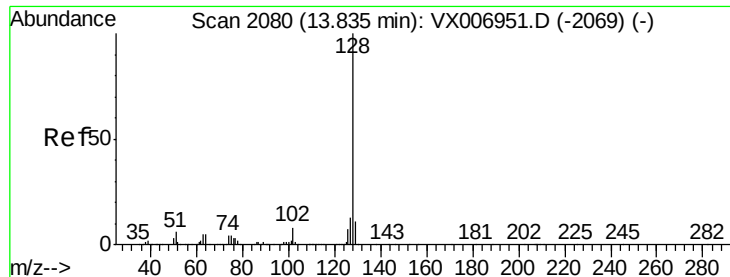


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.399 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Instrument :

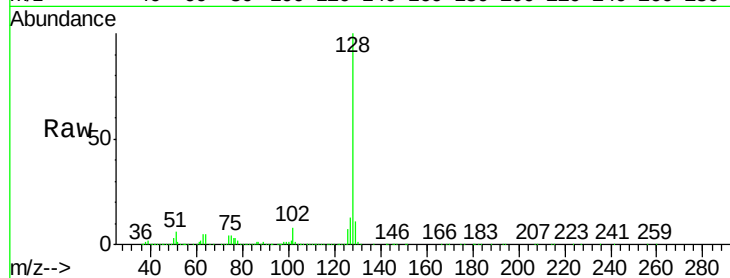
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1533768

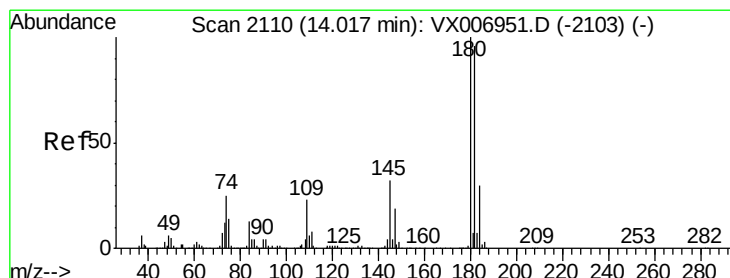
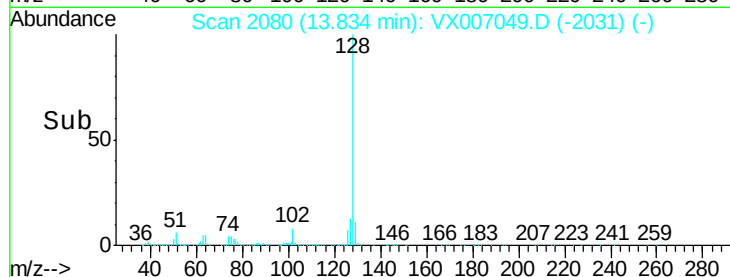
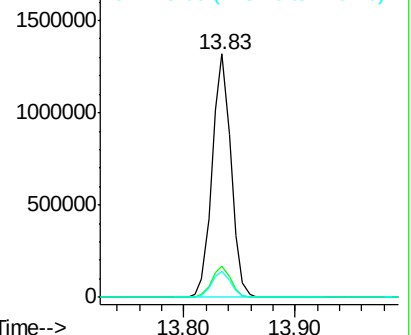
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.9	8.6	13.0



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: 54.149 ug/l

RT: 14.02 min Scan# 2110

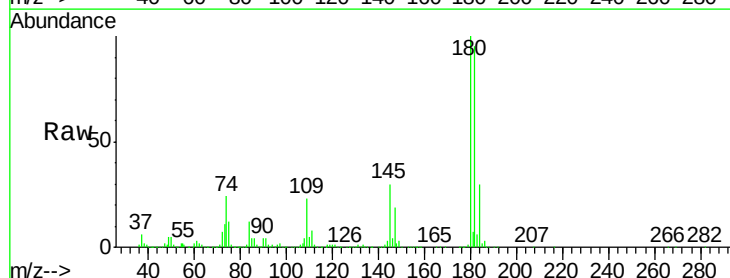
Delta R.T. -0.00 min

Lab File: VX007049.D

Acq: 15 Jan 2019 10:46

Tgt Ion:180 Resp: 509881

Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.5	145.5
145	30.4	16.0	47.9



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

