

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031219\
 Data File : VX008034.D
 Acq On : 12 Mar 2019 23:13
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 13 05:25:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	331281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	295971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148950	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	115926	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
35) Dibromofluoromethane	5.50	113	104397	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
50) Toluene-d8	8.71	98	390618	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.13	95	137547	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	86697	44.169	ug/l	99
3) Chloromethane	1.33	50	113696	44.948	ug/l	100
4) Vinyl Chloride	1.41	62	117575	46.780	ug/l	99
5) Bromomethane	1.64	94	61758	52.415	ug/l	96
6) Chloroethane	1.72	64	73936	44.281	ug/l	98
7) Trichlorofluoromethane	1.93	101	151703	46.359	ug/l	99
8) Diethyl Ether	2.19	74	65966	46.553	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	93265	45.992	ug/l	99
10) Methyl Iodide	2.51	142	145347	50.523	ug/l	99
11) Tert butyl alcohol	3.07	59	127192	234.672	ug/l	100
12) 1,1-Dichloroethene	2.37	96	91160	46.636	ug/l	96
13) Acrolein	2.30	56	78224	255.002	ug/l	99
14) Allyl chloride	2.73	41	181240	44.125	ug/l	99
15) Acrylonitrile	3.15	53	308914	225.805	ug/l	100
16) Acetone	2.45	43	249089	177.566	ug/l	100
17) Carbon Disulfide	2.57	76	266739	44.891	ug/l	100
18) Methyl Acetate	2.78	43	147563	49.515	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	325957	48.472	ug/l	100
20) Methylene Chloride	2.86	84	103930	46.552	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	98334	45.720	ug/l	97
22) Diisopropyl ether	3.87	45	349962	46.480	ug/l	98
23) Vinyl Acetate	3.82	43	1476366	223.600	ug/l	99
24) 1,1-Dichloroethane	3.70	63	191773	47.329	ug/l	99
25) 2-Butanone	4.70	43	427008	215.010	ug/l	99
26) 2,2-Dichloropropane	4.59	77	116401	43.361	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	115255	46.830	ug/l	97
28) Bromochloromethane	5.02	49	90446	47.880	ug/l	96
29) Tetrahydrofuran	5.15	42	283420	228.787	ug/l	98
30) Chloroform	5.21	83	184718	48.193	ug/l	98
31) Cyclohexane	5.58	56	172211	46.244	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	155915	49.028	ug/l	98
36) 1,1-Dichloropropene	5.80	75	139852	46.622	ug/l	100
37) Ethyl Acetate	4.85	43	161665	45.415	ug/l	99
38) Carbon Tetrachloride	5.78	117	137509	48.286	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	168145	46.260	ug/l	99
40) Benzene	6.15	78	432582	48.440	ug/l	98
41) Methacrylonitrile	5.06	41	92471	47.647	ug/l	99
42) 1,2-Dichloroethane	6.20	62	139890	47.900	ug/l	100
43) Isopropyl Acetate	6.46	43	252241	47.880	ug/l	99
44) Trichloroethene	7.21	130	119662	48.623	ug/l	98
45) 1,2-Dichloropropane	7.51	63	113488	48.116	ug/l	97
46) Dibromomethane	7.66	93	72028	48.255	ug/l	99
47) Bromodichloromethane	7.90	83	138345	48.885	ug/l	98
48) Methyl methacrylate	7.77	41	132630	47.884	ug/l	98
49) 1,4-Dioxane	7.75	88	53363	937.866	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	817865	241.399	ug/l	99
52) Toluene	8.79	92	269078	49.353	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	151543	51.304	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	166636	49.957	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	110699	50.157	ug/l	99
56) Ethyl methacrylate	9.18	69	169171	51.050	ug/l	97
57) 1,3-Dichloropropane	9.37	76	182099	49.139	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	441851	257.765	ug/l	99
59) 2-Hexanone	9.49	43	606423	230.545	ug/l	99
60) Dibromochloromethane	9.58	129	116308	50.417	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117291	50.054	ug/l	100
64) Tetrachloroethene	9.34	164	120046	48.945	ug/l	97
65) Chlorobenzene	10.14	112	296801	47.922	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	109844	49.486	ug/l	99
67) Ethyl Benzene	10.25	91	498931	48.939	ug/l	100
68) m/p-Xylenes	10.36	106	384896	97.946	ug/l	99
69) o-Xylene	10.69	106	186290	49.103	ug/l	100
70) Styrene	10.71	104	309589	49.868	ug/l	100
71) Bromoform	10.85	173	91507	48.004	ug/l #	100
73) Isopropylbenzene	11.02	105	500402	49.674	ug/l	100
74) N-amyl acetate	10.90	43	211047	45.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	160731	46.256	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	185845	59.459	ug/l	92
77) Bromobenzene	11.26	156	133026	48.165	ug/l	98
78) n-propylbenzene	11.36	91	552512	49.439	ug/l	100
79) 2-Chlorotoluene	11.42	91	330009	48.296	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	413934	49.924	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46645	47.703	ug/l	99
82) 4-Chlorotoluene	11.51	91	378542	48.341	ug/l	100
83) tert-Butylbenzene	11.77	119	407256	48.763	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	424156	49.903	ug/l	100
85) sec-Butylbenzene	11.94	105	492262	50.046	ug/l	99
86) p-Isopropyltoluene	12.06	119	441993	50.175	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	234867	48.068	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	235300	47.024	ug/l	100
89) n-Butylbenzene	12.38	91	369333	49.487	ug/l	99
90) Hexachloroethane	12.60	117	71425	48.495	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	230103	47.405	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33374	45.957	ug/l	97

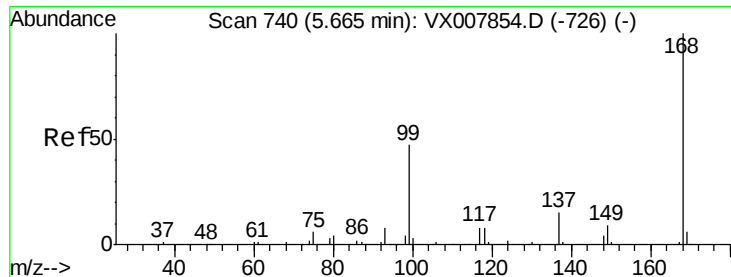
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	164227	48.162	ug/l	100
94) Hexachlorobutadiene	13.78	225	87645	49.162	ug/l	100
95) Naphthalene	13.83	128	491866	50.062	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	164936	48.555	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: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

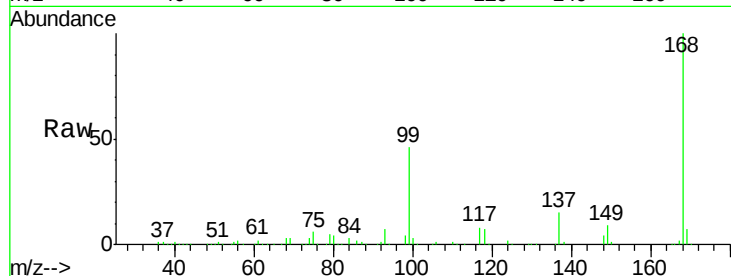
VSTDCCC050EC

Tot Ion:168 Resp: 229746

Ion Ratio Lower Upper

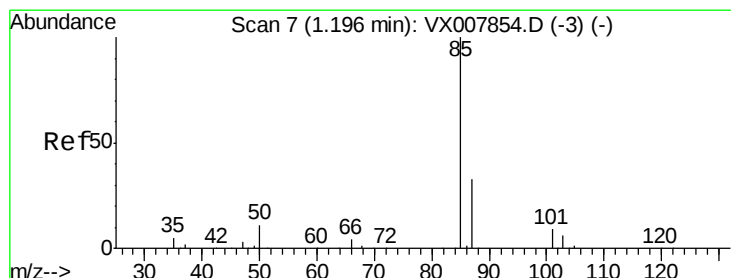
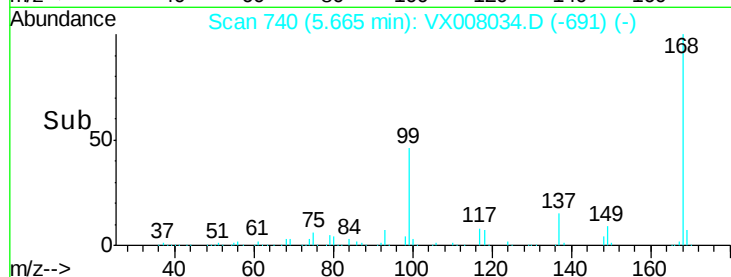
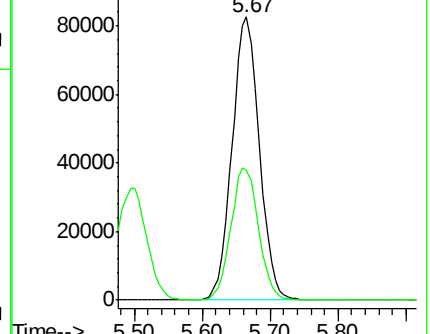
168 100

99 45.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.169 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008034.D

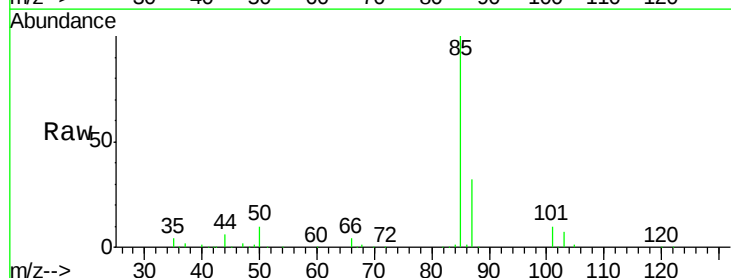
Acq: 12 Mar 2019 23:13

Tgt Ion: 85 Resp: 86697

Ion Ratio Lower Upper

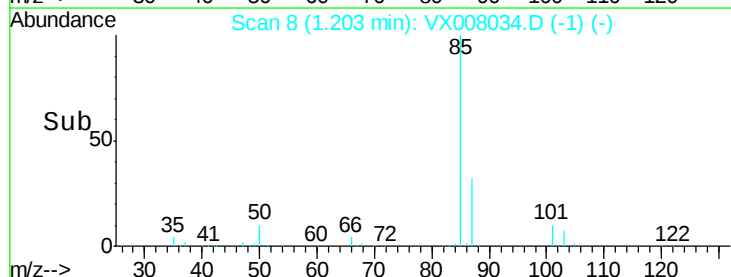
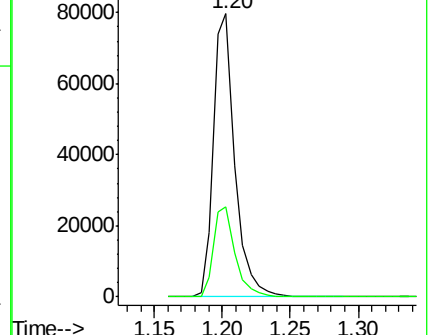
85 100

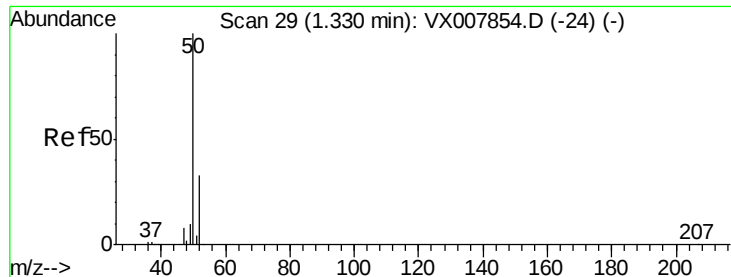
87 32.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.948 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

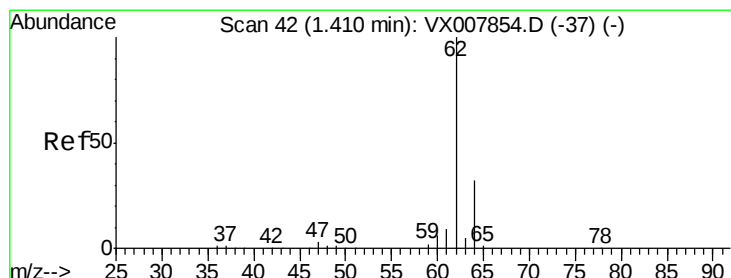
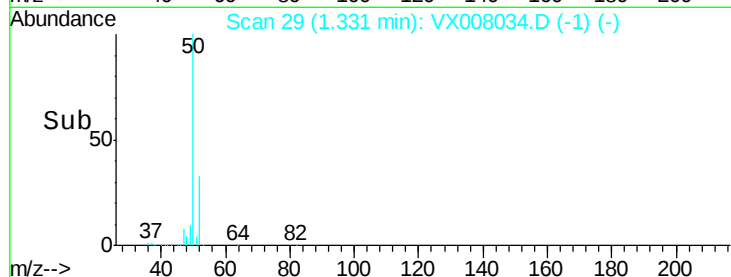
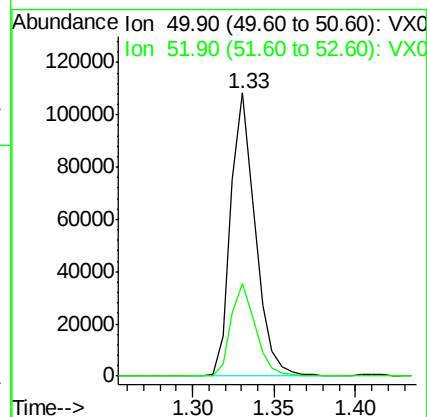
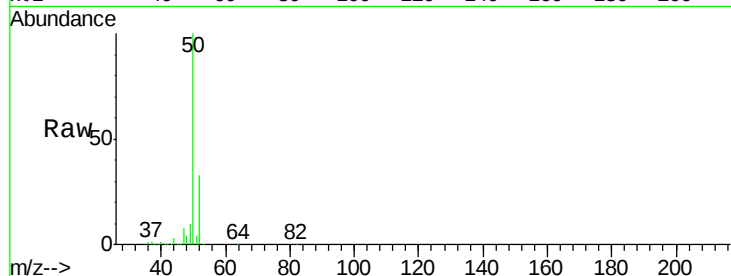
VSTDCCC050EC

Tot Ion: 50 Resp: 113696

Ion Ratio Lower Upper

50 100

52 32.9 26.5 39.7



#4

Vinyl Chloride

Concen: 46.780 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008034.D

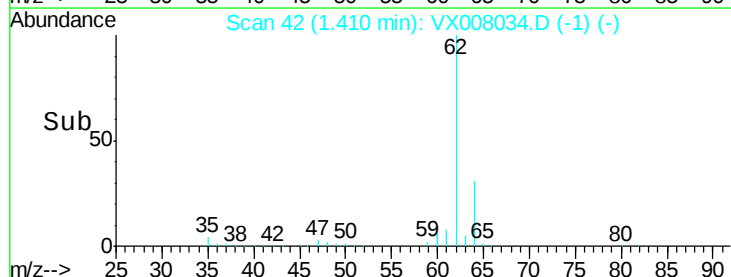
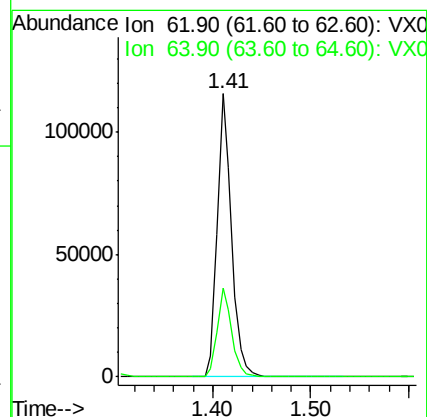
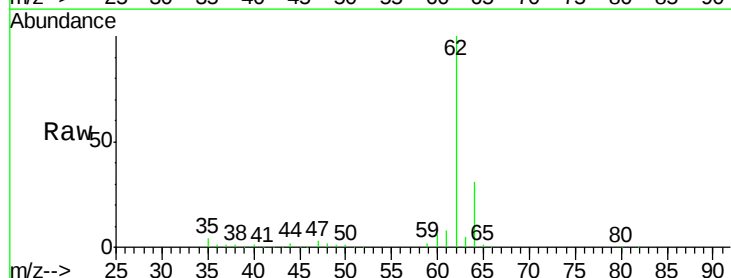
Acq: 12 Mar 2019 23:13

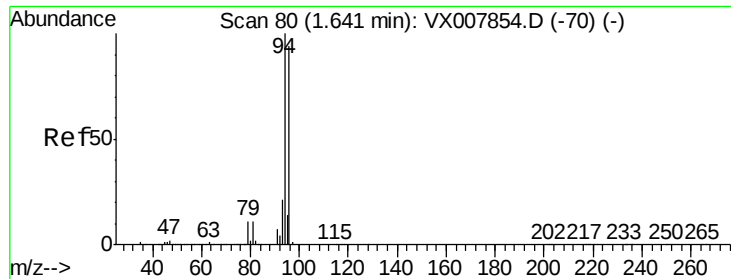
Tgt Ion: 62 Resp: 117575

Ion Ratio Lower Upper

62 100

64 31.2 25.3 37.9





#5

Bromomethane

Concen: 52.415 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

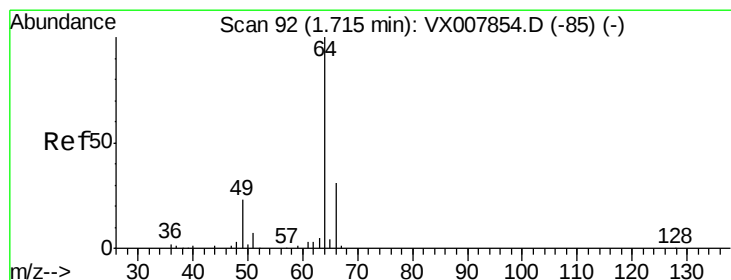
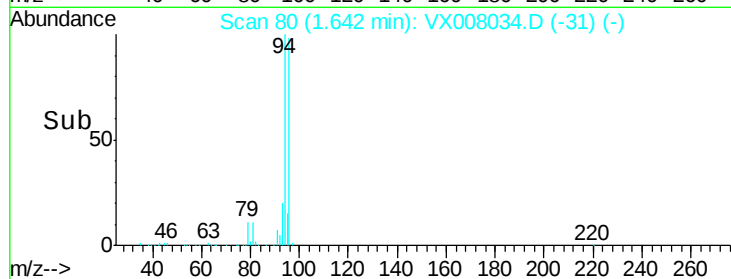
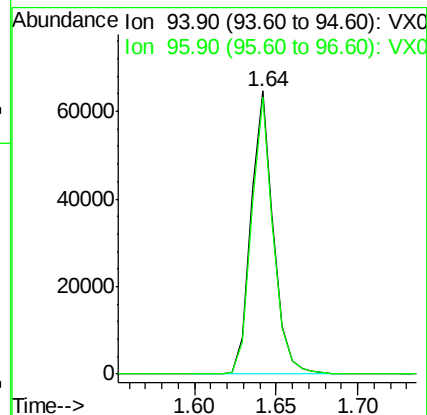
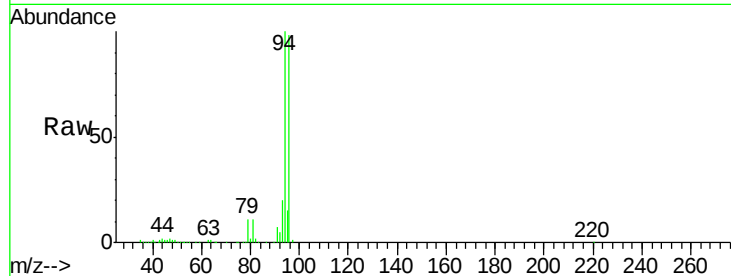
VSTDCCC050EC

Tot Ion: 94 Resp: 61758

Ion Ratio Lower Upper

94 100

96 97.9 75.5 113.3



#6

Chloroethane

Concen: 44.281 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008034.D

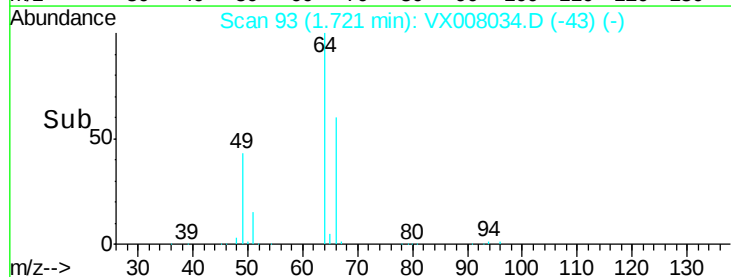
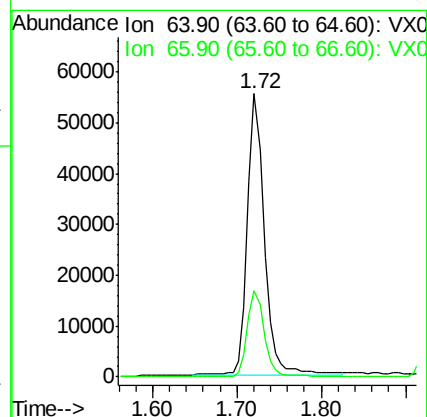
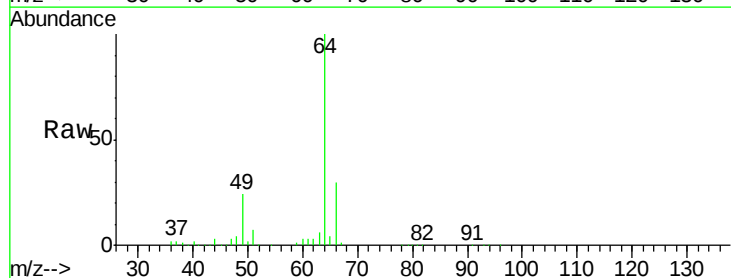
Acq: 12 Mar 2019 23:13

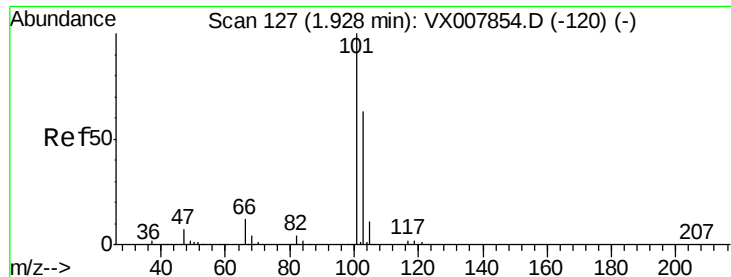
Tgt Ion: 64 Resp: 73936

Ion Ratio Lower Upper

64 100

66 30.5 25.2 37.8



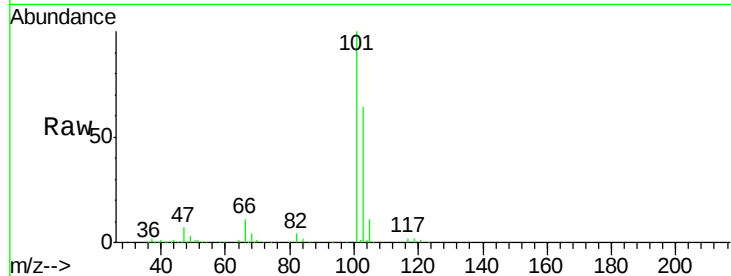


#7

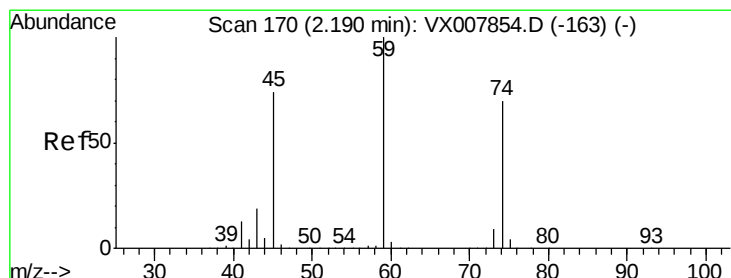
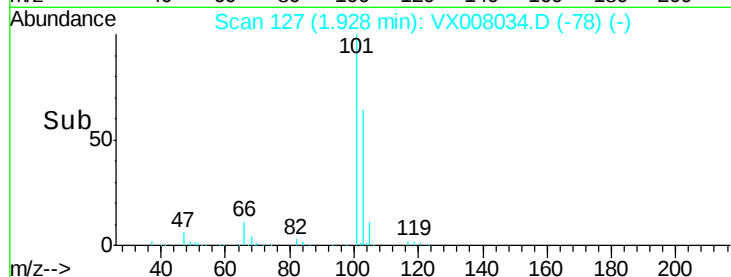
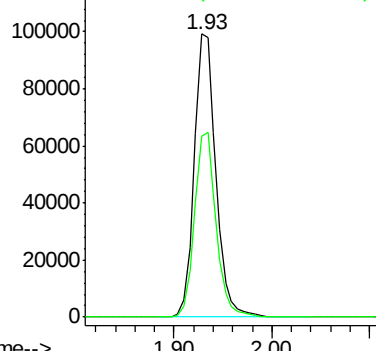
Trichlorofluoromethane
Concen: 46.359 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 151703
Ion Ratio Lower Upper
101 100
103 63.9 50.4 75.6



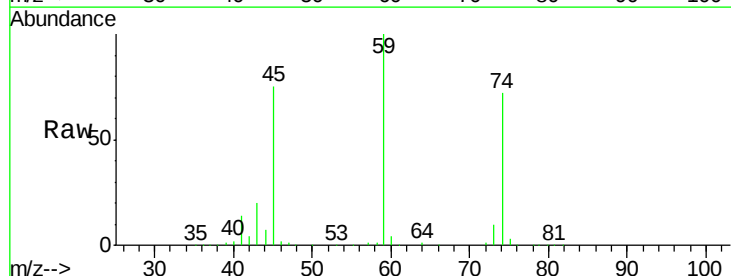
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



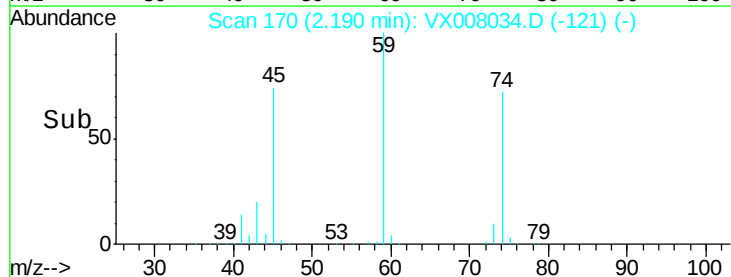
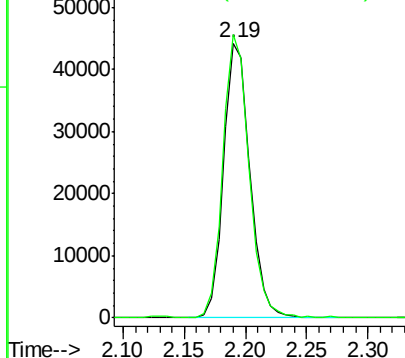
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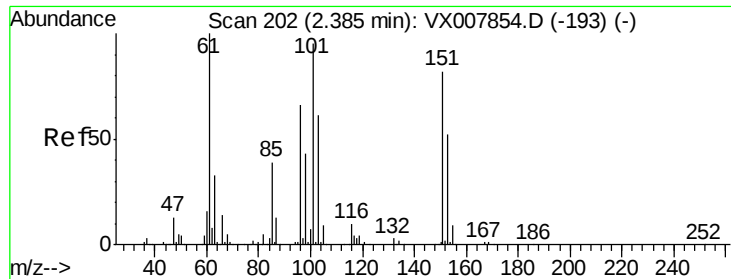
Diethyl Ether
Concen: 46.553 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

Tgt Ion: 74 Resp: 65966
Ion Ratio Lower Upper
74 100
45 101.5 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0

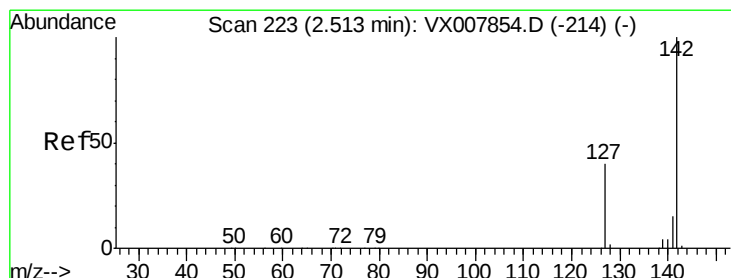
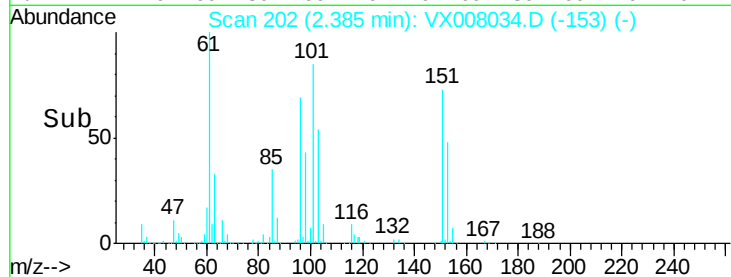
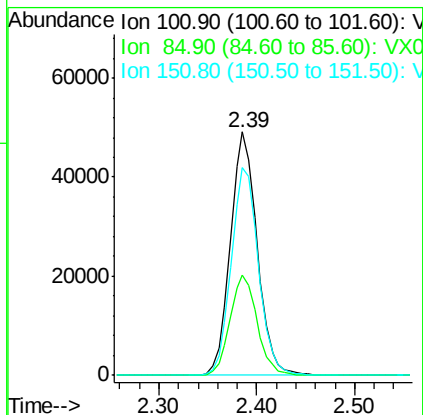
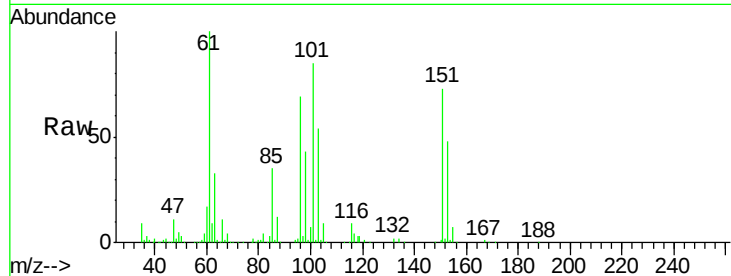




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.992 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

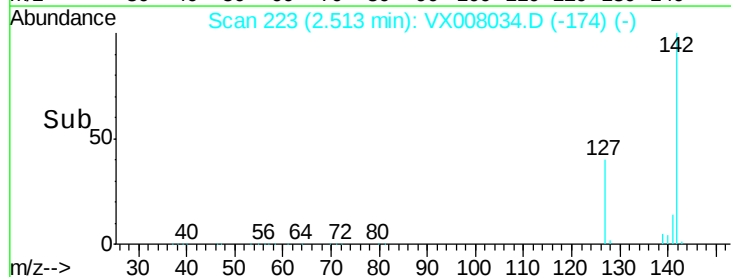
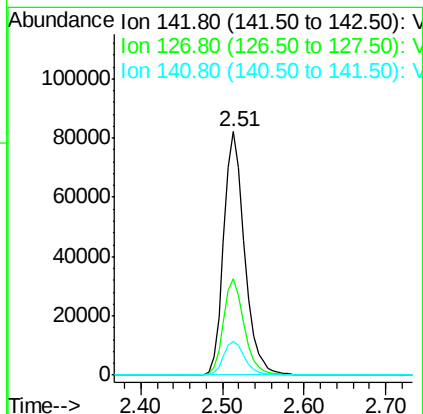
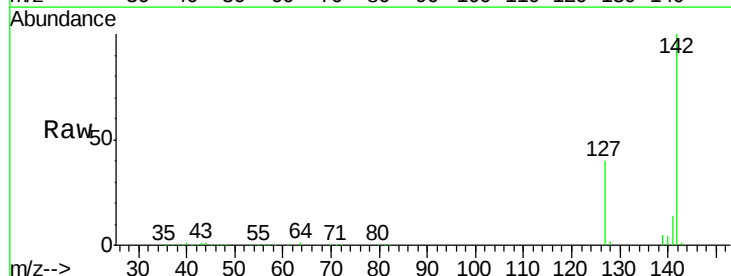
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

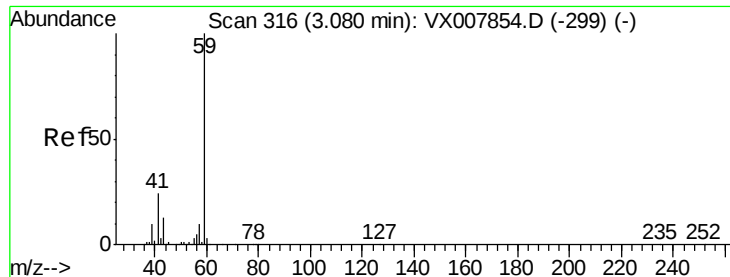
Tot Ion:101 Resp: 93265
 Ion Ratio Lower Upper
 101 100
 85 41.7 33.8 50.6
 151 87.0 69.1 103.7



#10
 Methyl Iodide
 Concen: 50.523 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

Tgt Ion:142 Resp: 145347
 Ion Ratio Lower Upper
 142 100
 127 39.5 32.1 48.1
 141 14.2 11.4 17.2



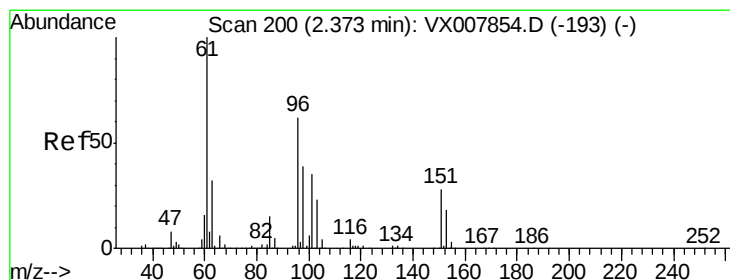
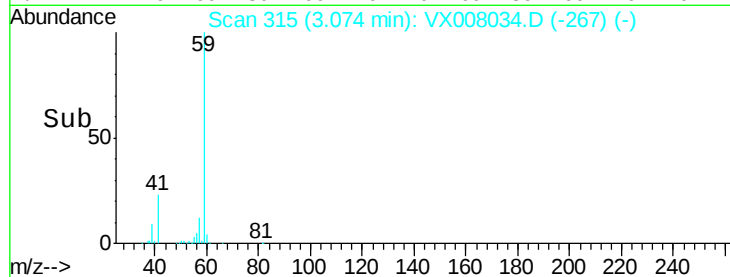
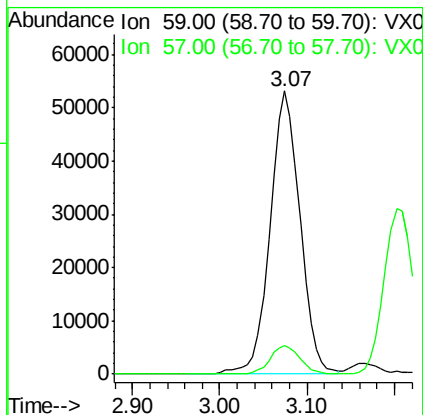
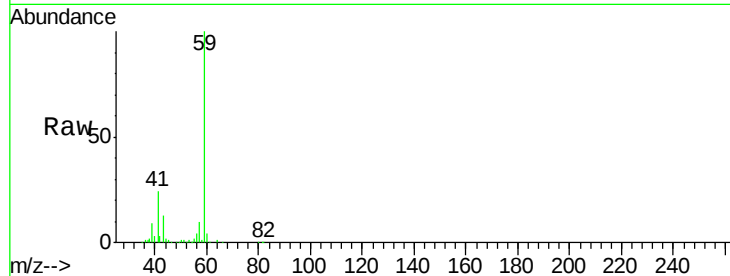


#11

Tert butyl alcohol
 Concen: 234.672 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

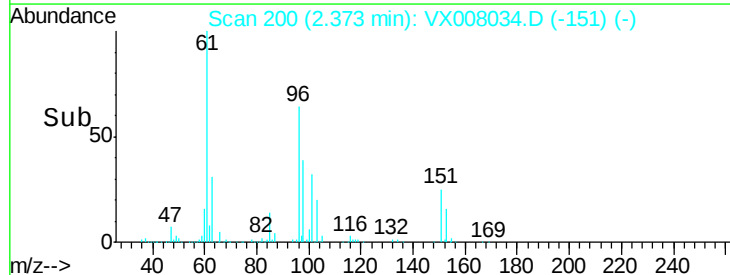
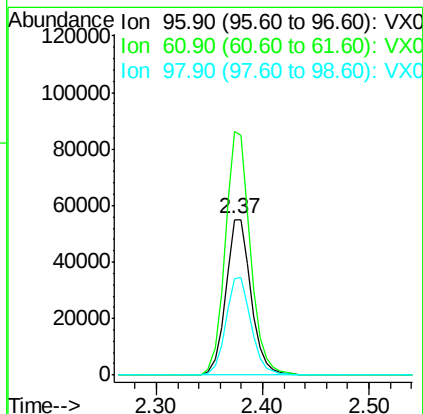
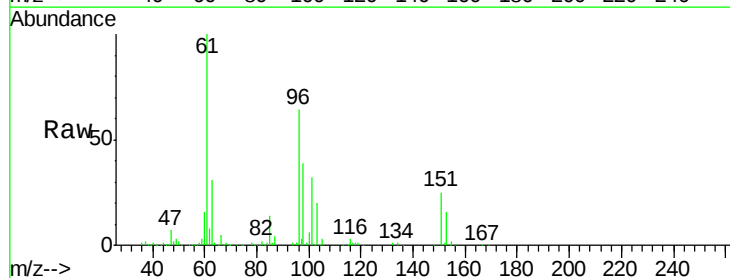
Tot Ion: 59 Resp: 127192
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

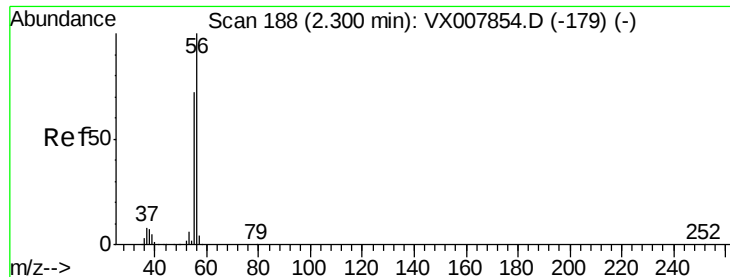


#12

1,1-Dichloroethene
 Concen: 46.636 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

Tgt Ion: 96 Resp: 91160
 Ion Ratio Lower Upper
 96 100
 61 156.6 129.8 194.6
 98 61.7 51.0 76.6





#13

Acrolein

Concen: 255.002 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

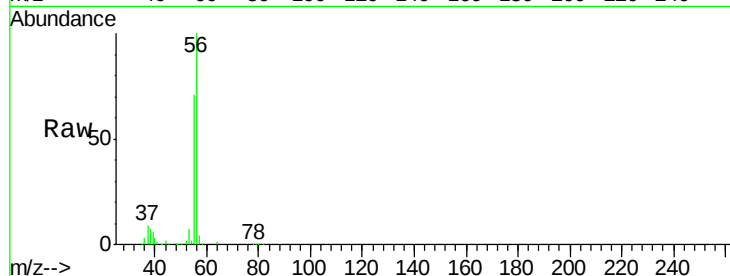
VSTDCCC050EC

Tot Ion: 56 Resp: 78224

Ion Ratio Lower Upper

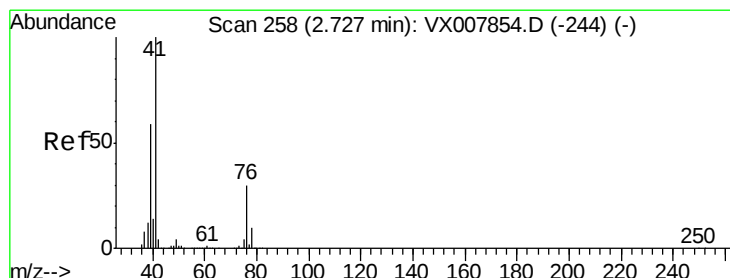
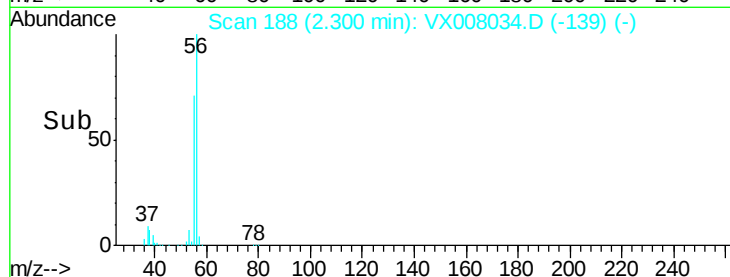
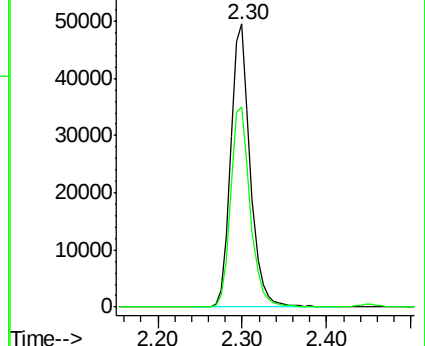
56 100

55 71.6 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.125 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

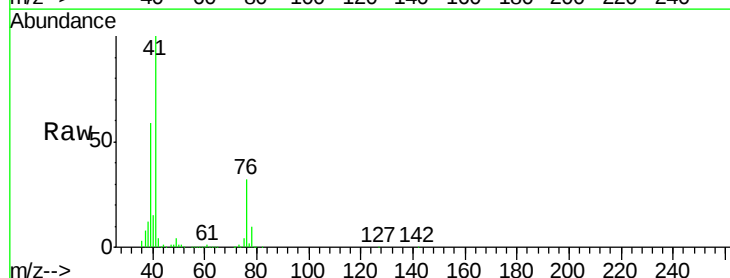
Tgt Ion: 41 Resp: 181240

Ion Ratio Lower Upper

41 100

39 57.4 46.1 69.1

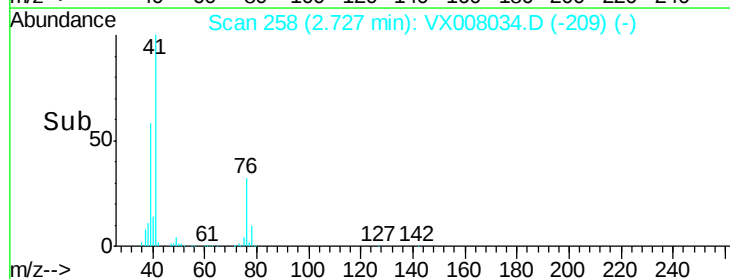
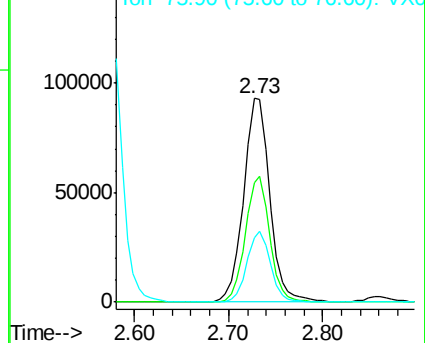
76 31.2 24.0 36.0

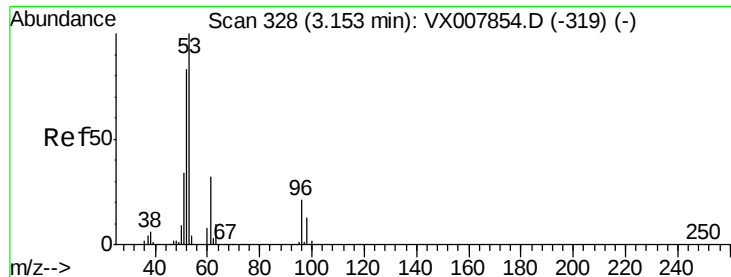


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 225.805 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

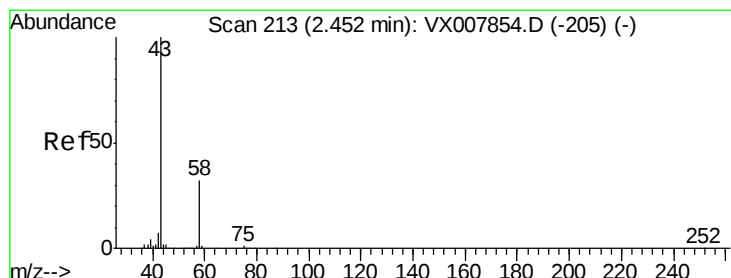
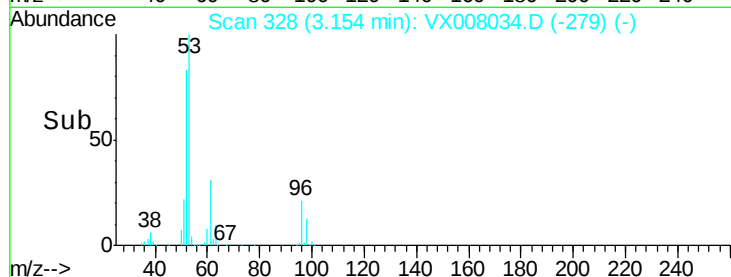
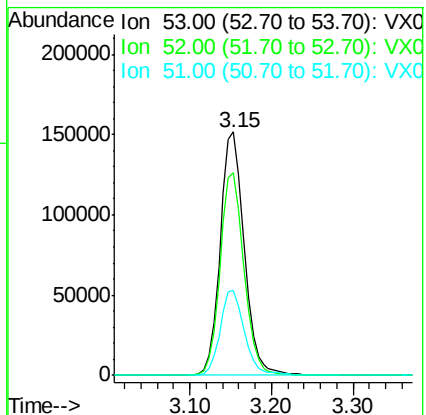
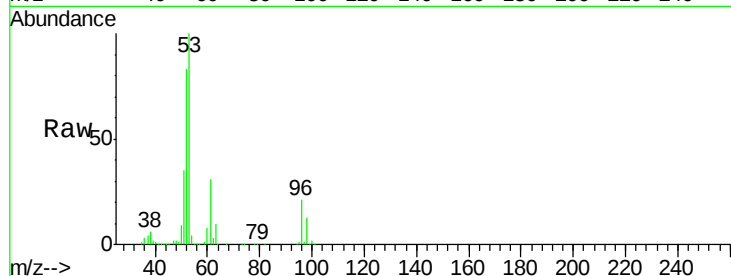
Tot Ion: 53 Resp: 308914

Ion Ratio Lower Upper

53 100

52 82.9 66.0 99.0

51 35.2 28.0 42.0



#16

Acetone

Concen: 177.566 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008034.D

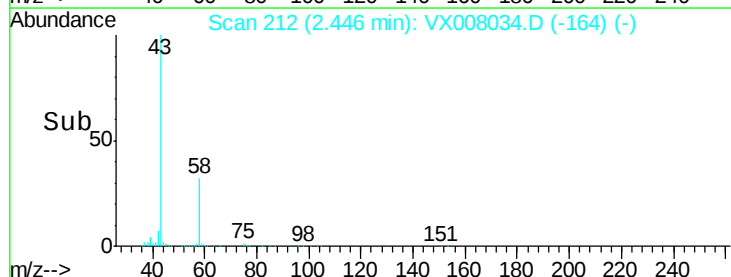
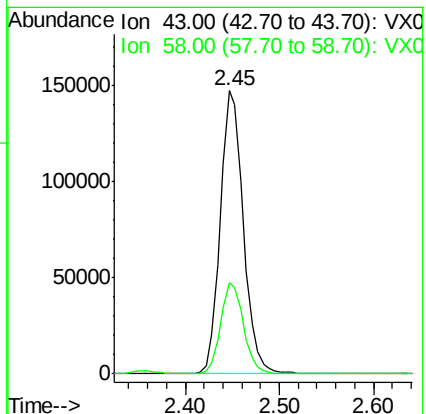
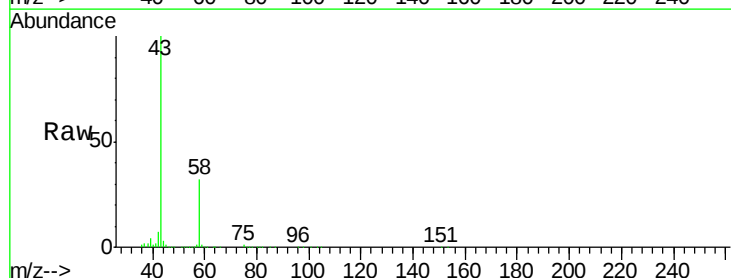
Acq: 12 Mar 2019 23:13

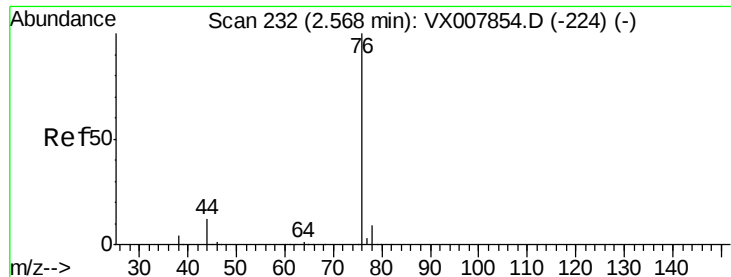
Tgt Ion: 43 Resp: 249089

Ion Ratio Lower Upper

43 100

58 32.1 25.5 38.3

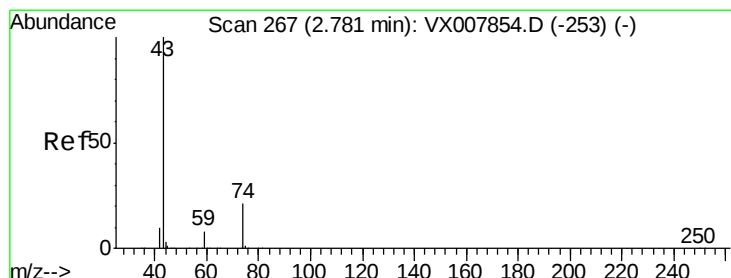
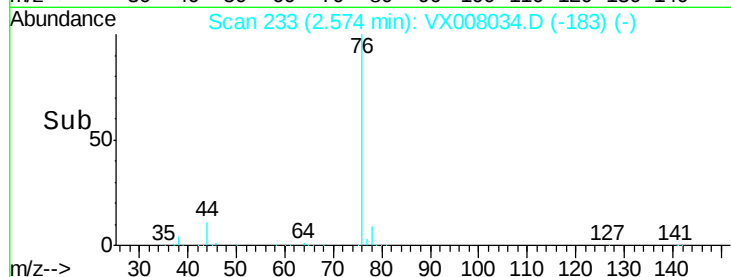
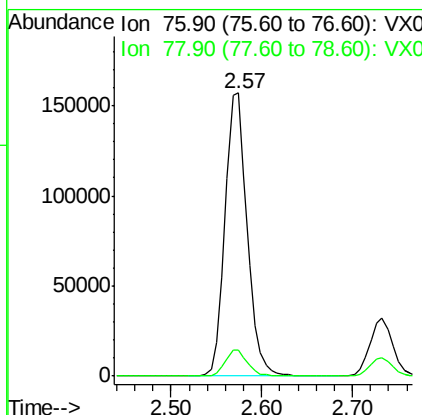
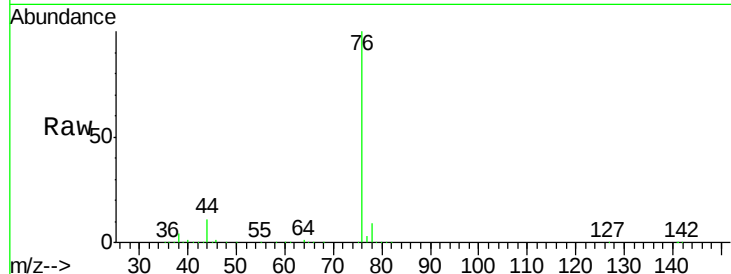




#17
Carbon Disulfide
Concen: 44.891 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

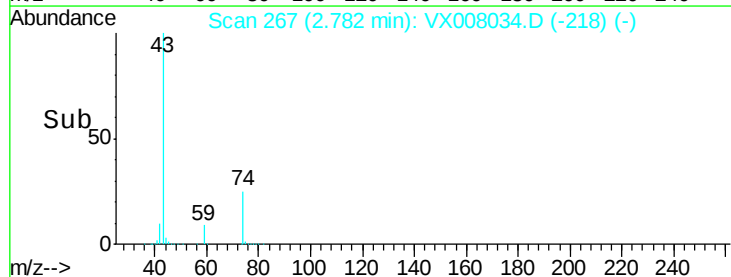
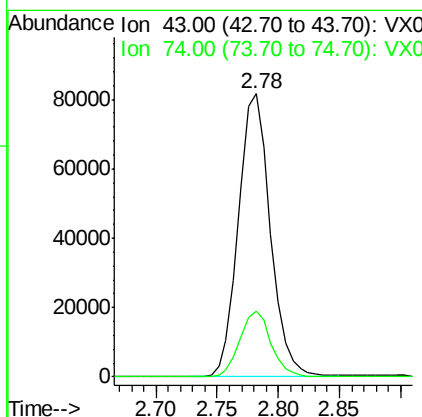
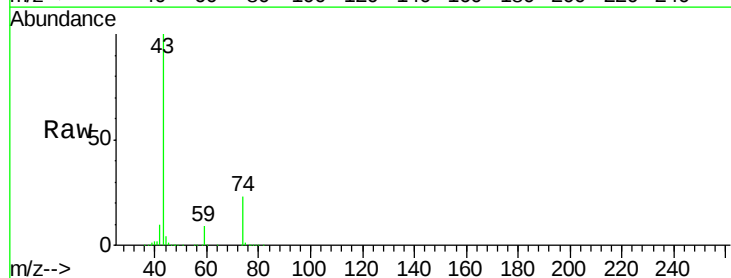
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

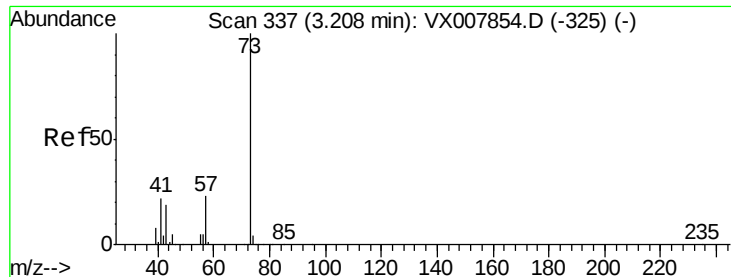
Tot Ion: 76 Resp: 266739
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 49.515 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

Tgt Ion: 43 Resp: 147563
Ion Ratio Lower Upper
43 100
74 23.1 17.8 26.6



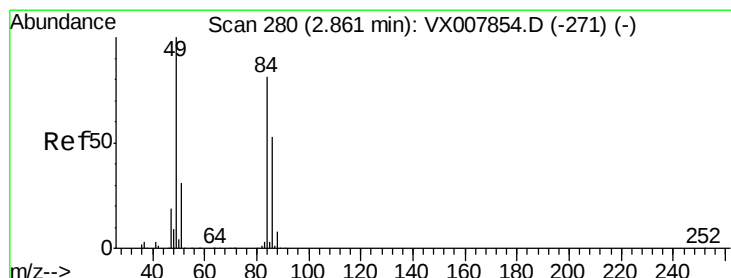
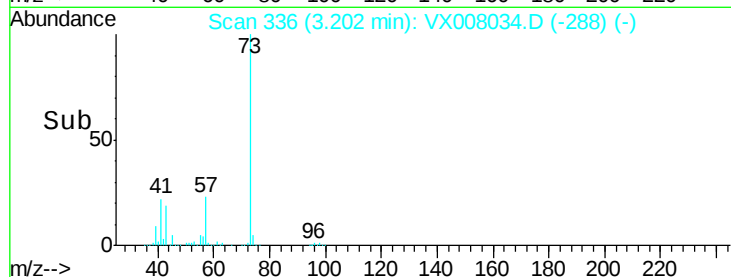
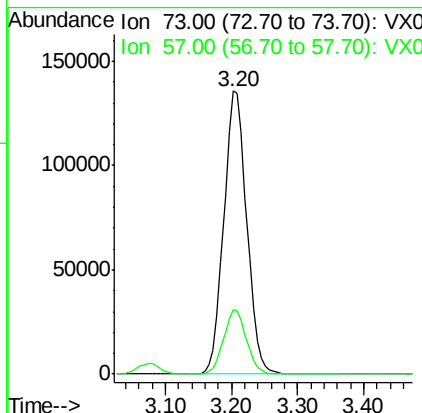
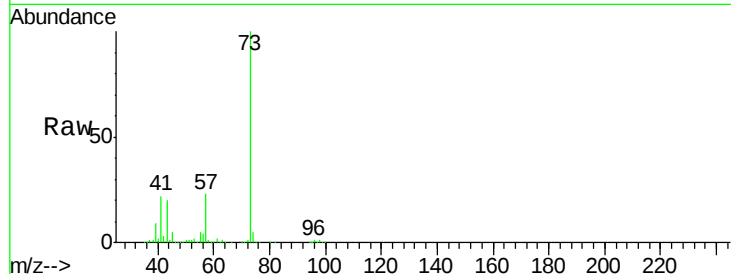


#19

Methyl tert-butyl Ether
 Concen: 48.472 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

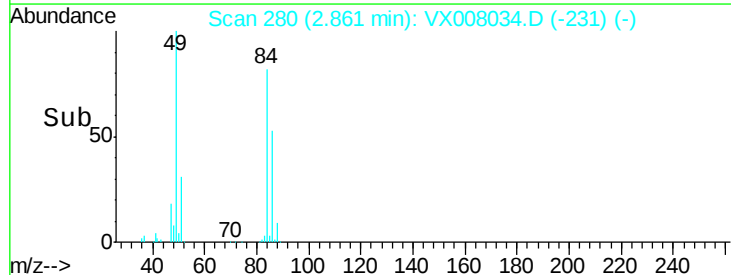
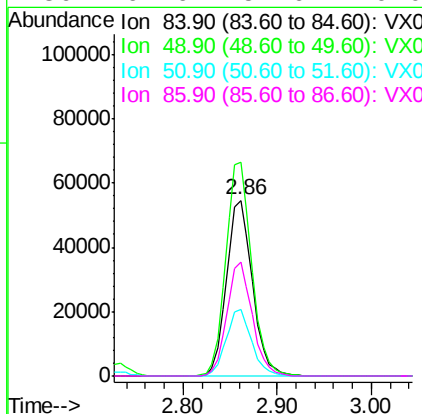
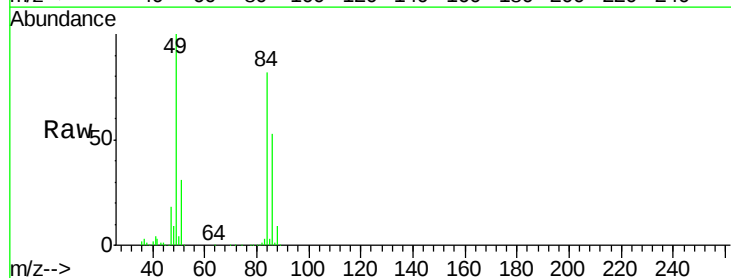
Tot Ion: 73 Resp: 325957
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.2 27.4

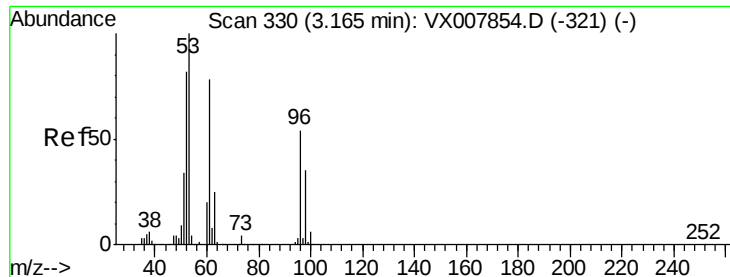


#20

Methylene Chloride
 Concen: 46.552 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

Tgt Ion: 84 Resp: 103930
 Ion Ratio Lower Upper
 84 100
 49 121.7 99.3 148.9
 51 37.8 31.3 46.9
 86 64.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 45.720 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

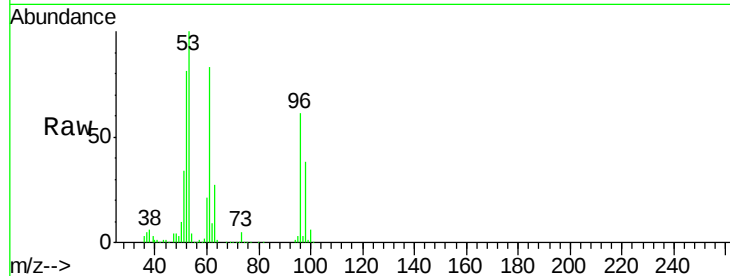
Tot Ion: 96 Resp: 98334

Ion Ratio Lower Upper

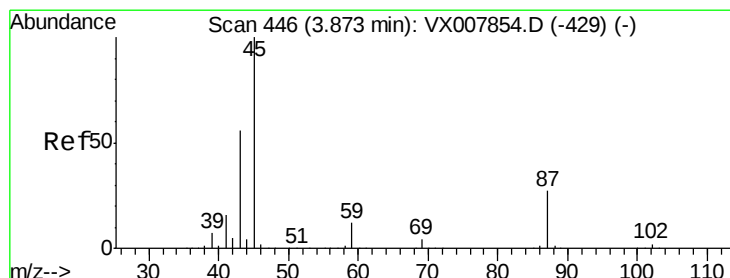
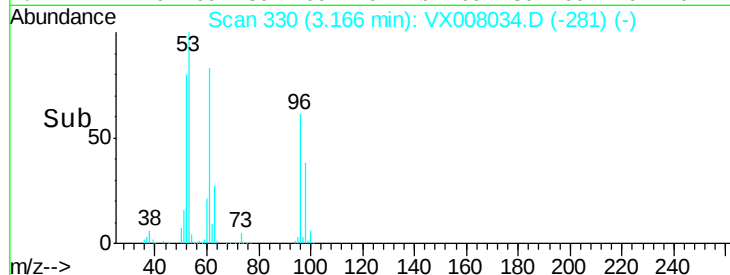
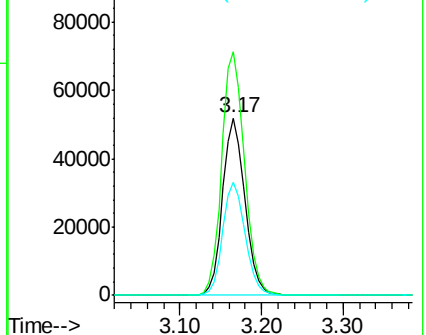
96 100

61 137.2 114.4 171.6

98 63.5 51.1 76.7



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: 46.480 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Tgt Ion: 45 Resp: 349962

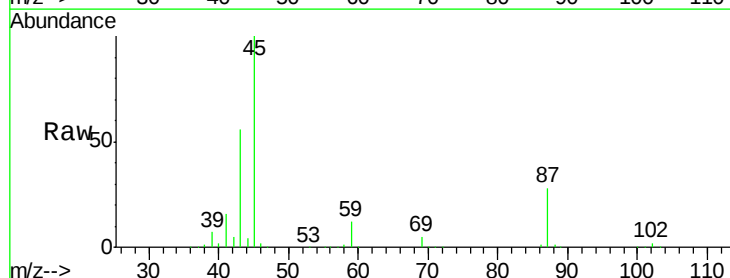
Ion Ratio Lower Upper

45 100

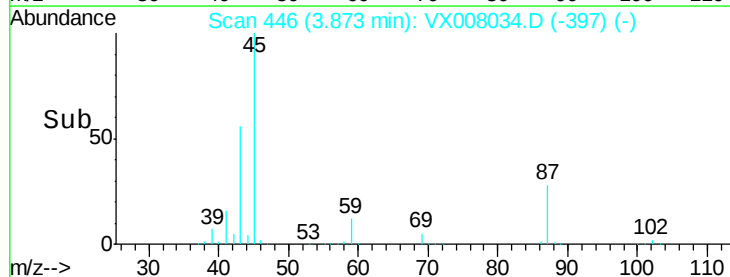
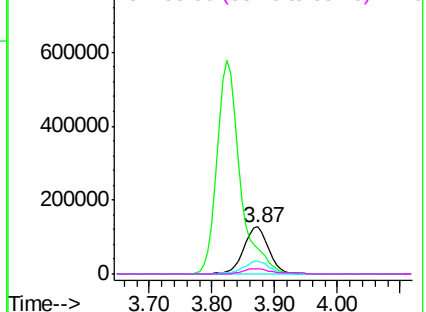
43 55.6 45.3 67.9

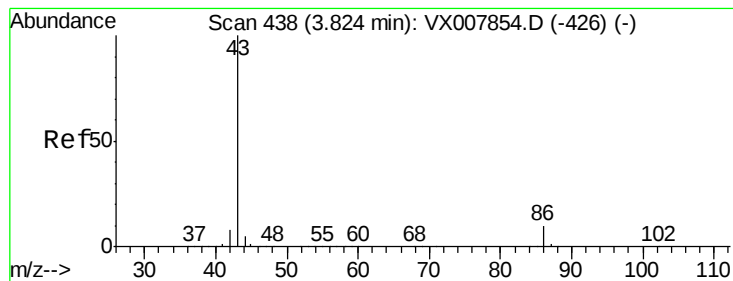
87 28.4 21.4 32.0

59 11.6 9.5 14.3



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: 223.600 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

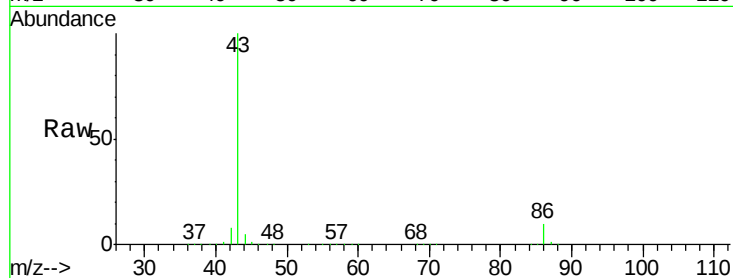
VSTDCCC050EC

Tot Ion: 43 Resp: 1476366

Ion Ratio Lower Upper

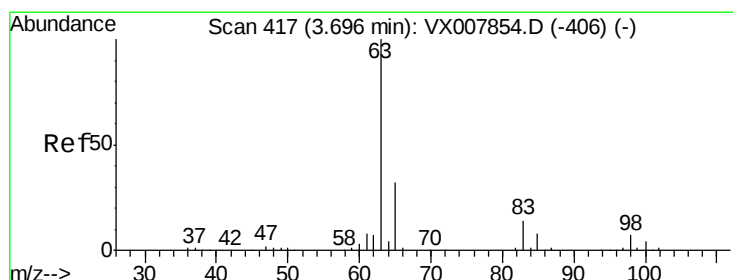
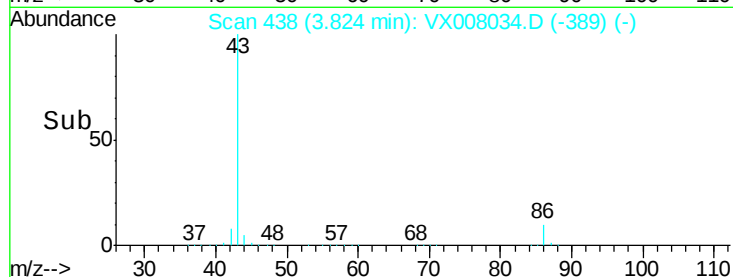
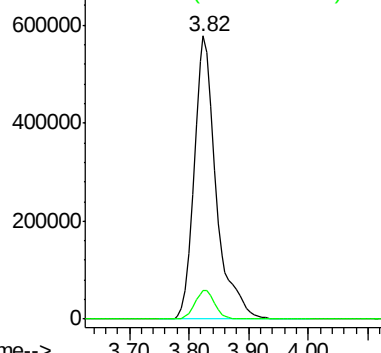
43 100

86 10.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.329 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

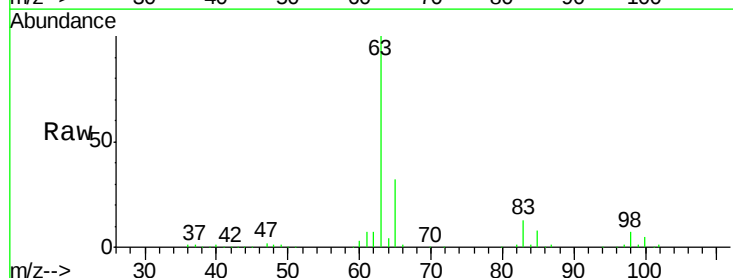
Tgt Ion: 63 Resp: 191773

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

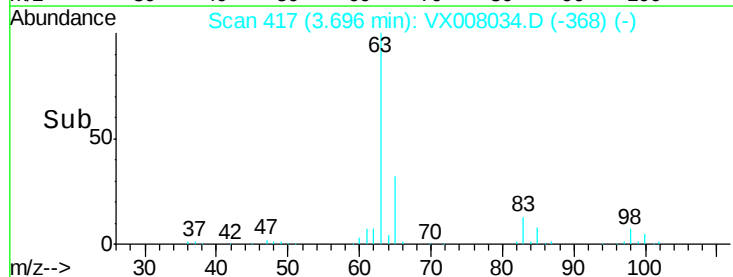
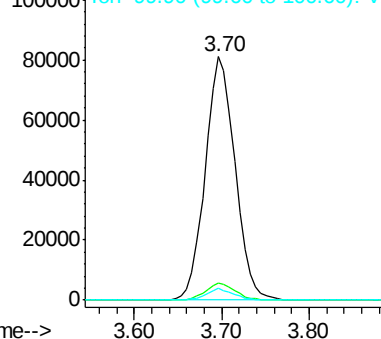
100 4.7 2.3 6.8

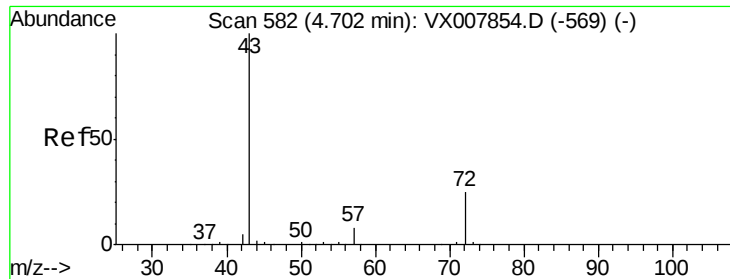


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 215.010 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

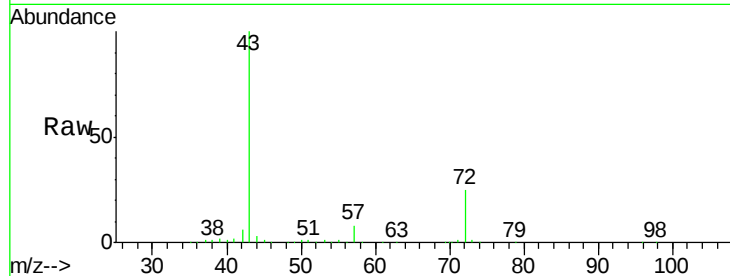
VSTDCCC050EC

Tot Ion: 43 Resp: 427008

Ion Ratio Lower Upper

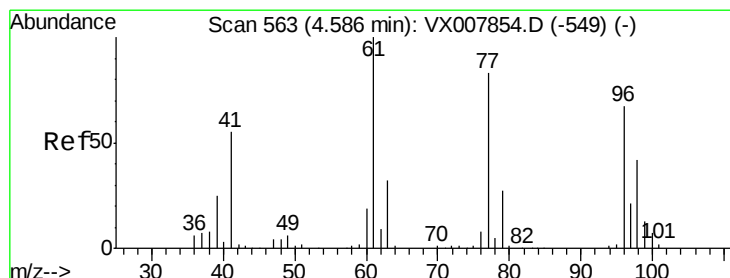
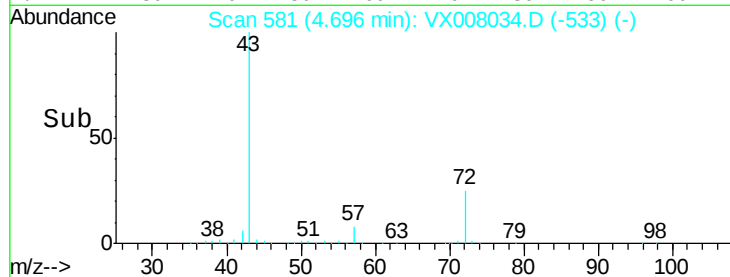
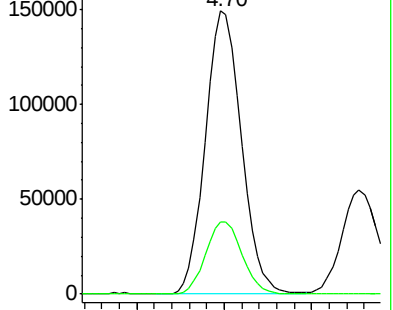
43 100

72 25.2 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 43.361 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008034.D

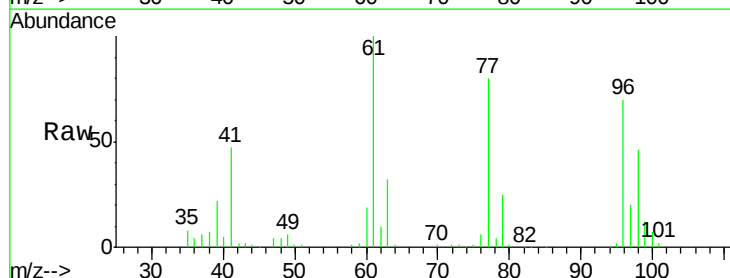
Acq: 12 Mar 2019 23:13

Tgt Ion: 77 Resp: 116401

Ion Ratio Lower Upper

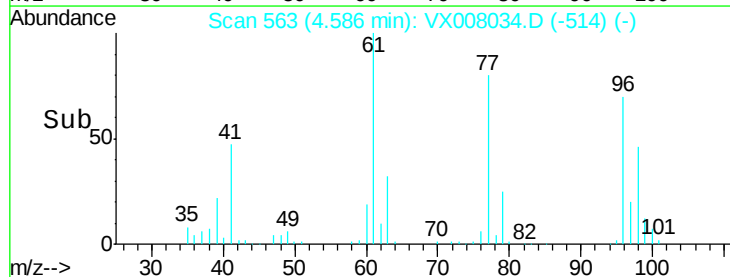
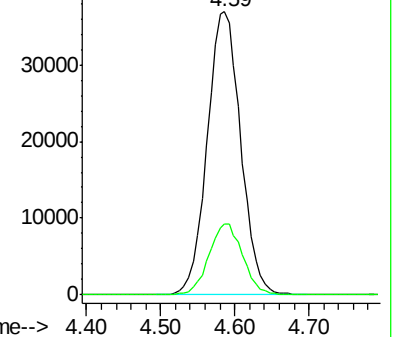
77 100

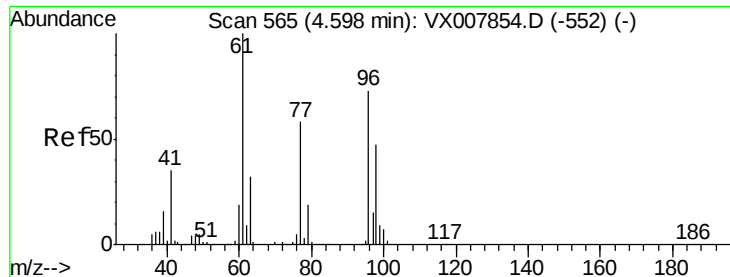
97 25.3 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



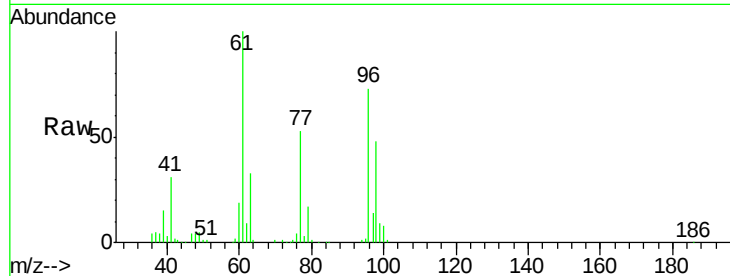


#27

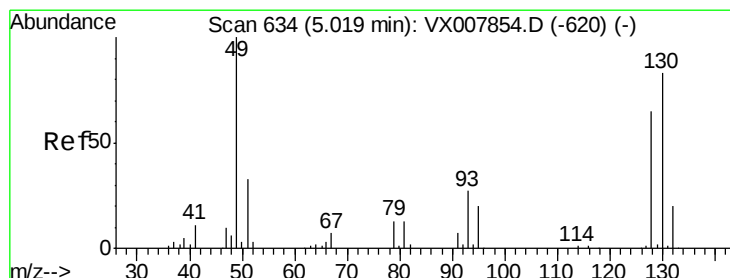
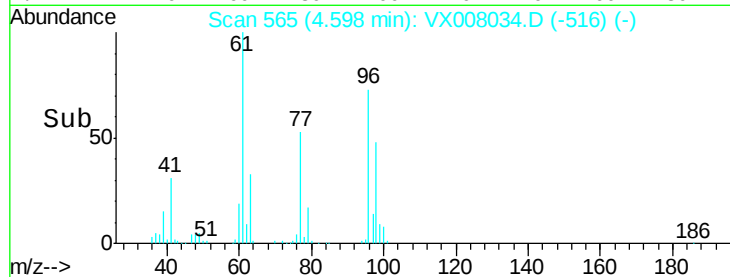
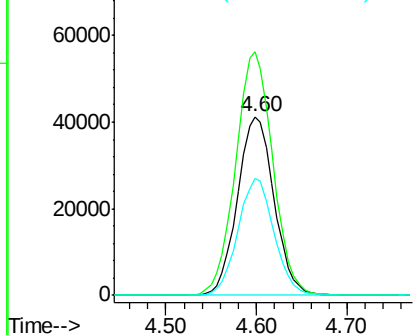
cis-1,2-Dichloroethene
 Concen: 46.830 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	288.0
98	64.8	0.0	129.0



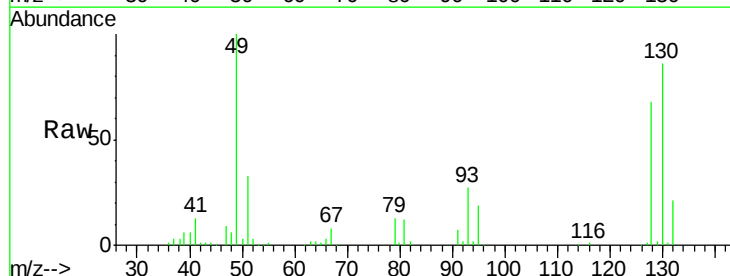
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



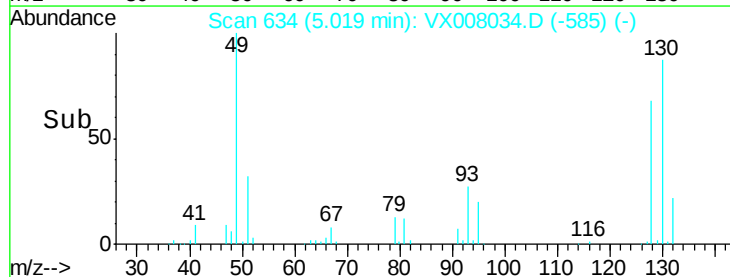
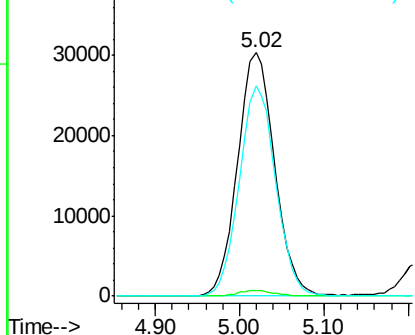
#28

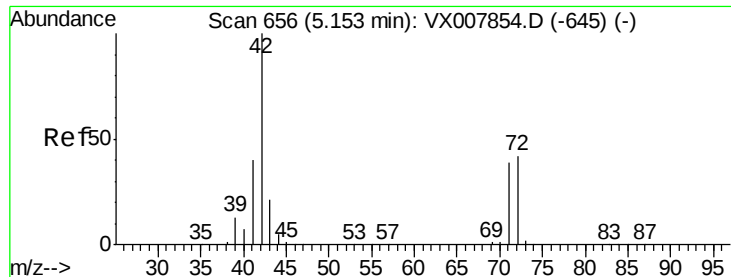
Bromochloromethane
 Concen: 47.880 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	84.6	65.0	97.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

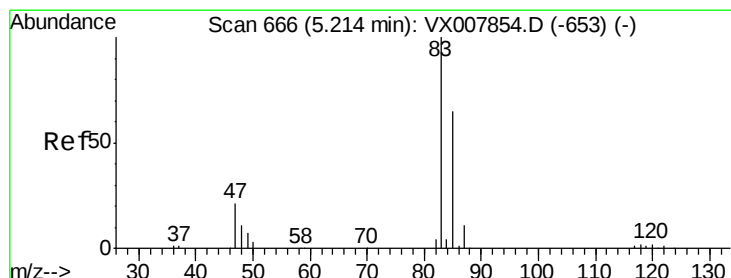
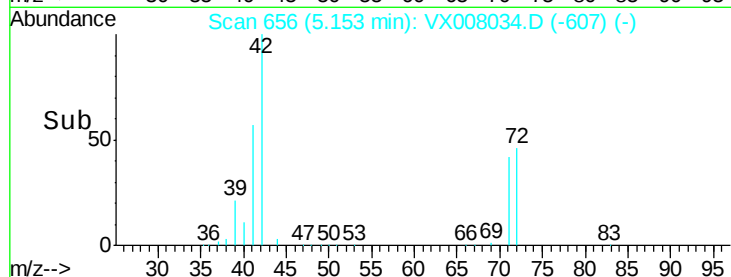
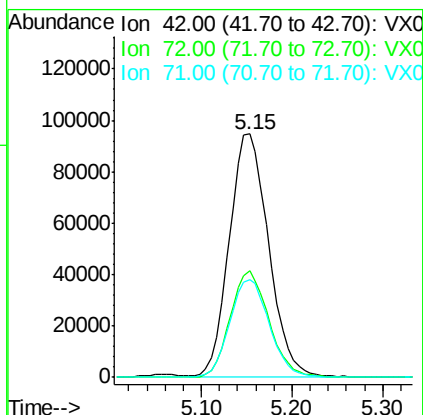
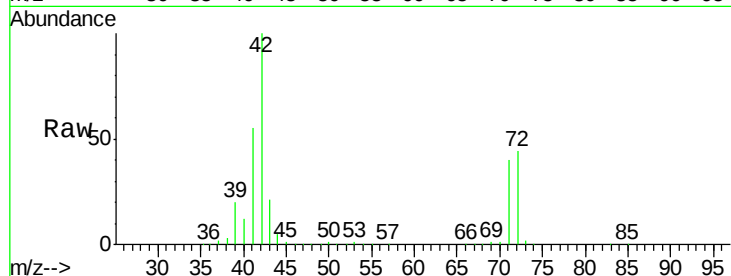




#29
Tetrahydrofuran
Concen: 228.787 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

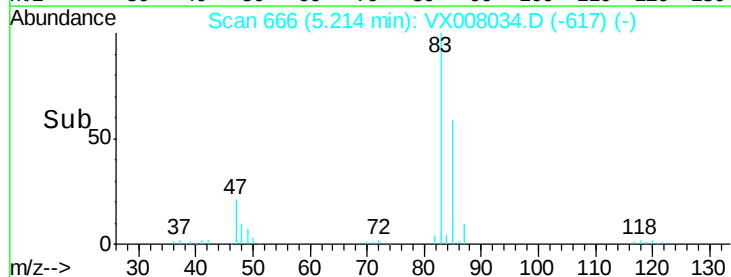
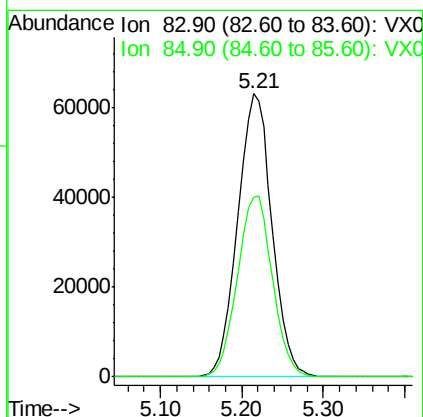
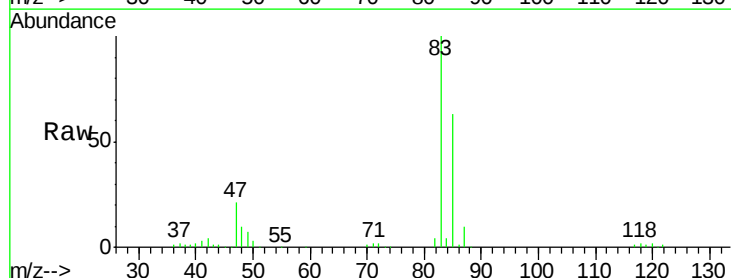
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

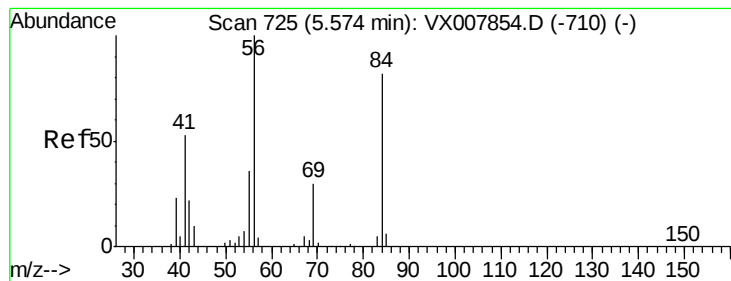
Tot Ion: 42 Resp: 283420
Ion Ratio Lower Upper
42 100
72 43.3 33.8 50.6
71 40.6 31.5 47.3



#30
Chloroform
Concen: 48.193 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

Tgt Ion: 83 Resp: 184718
Ion Ratio Lower Upper
83 100
85 63.5 51.8 77.6





#31

Cyclohexane

Concen: 46.244 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

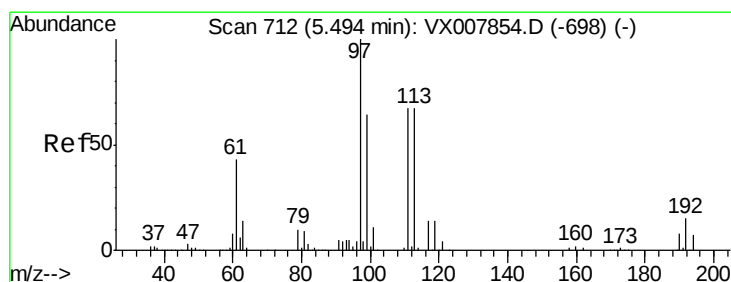
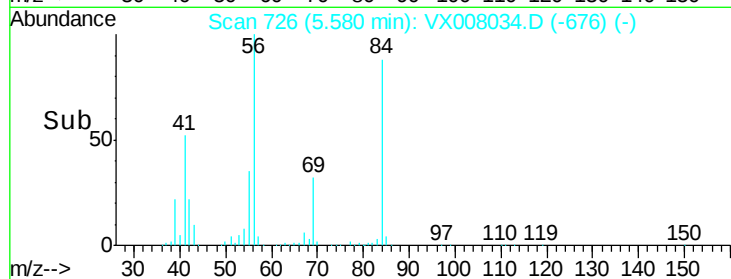
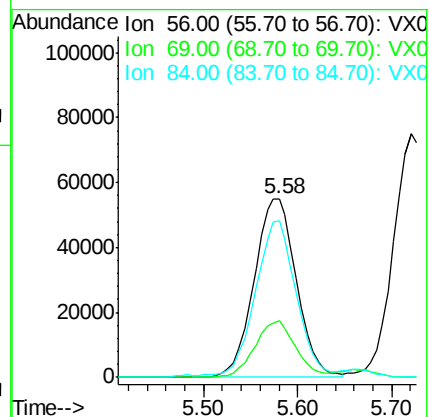
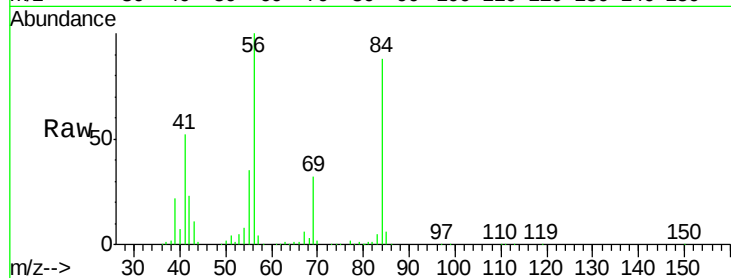
Tot Ion: 56 Resp: 172211

Ion Ratio Lower Upper

56 100

69 31.7 24.0 36.0

84 86.5 65.3 97.9



#32

1,1,1-Trichloroethane

Concen: 49.028 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

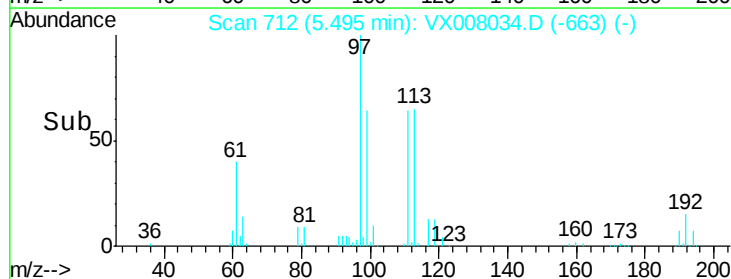
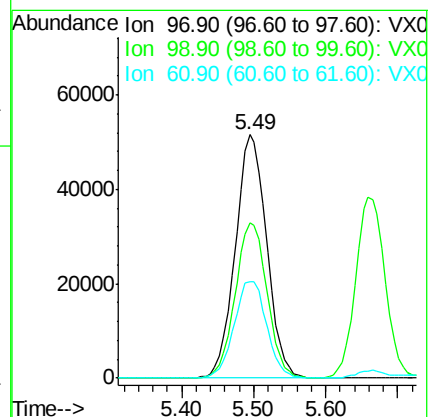
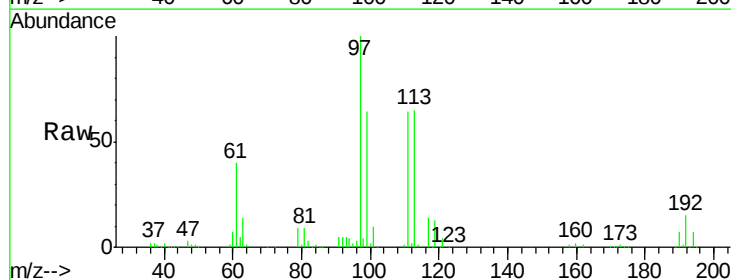
Tgt Ion: 97 Resp: 155915

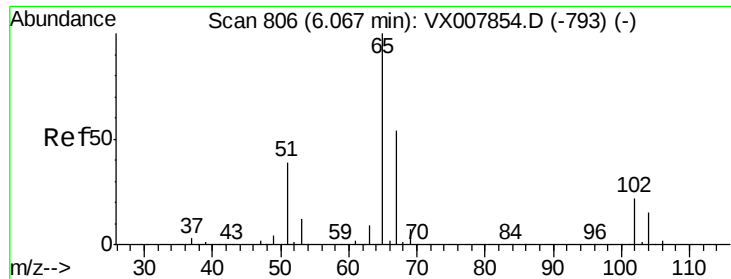
Ion Ratio Lower Upper

97 100

99 64.7 52.2 78.2

61 41.6 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 47.832 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

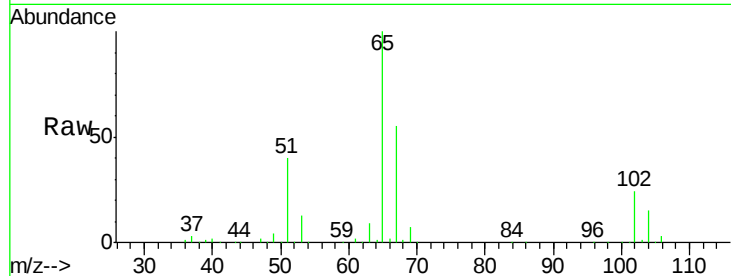
VSTDCCC050EC

Tot Ion: 65 Resp: 115926

Ion Ratio Lower Upper

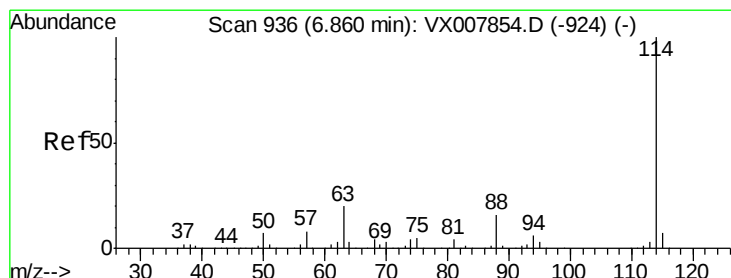
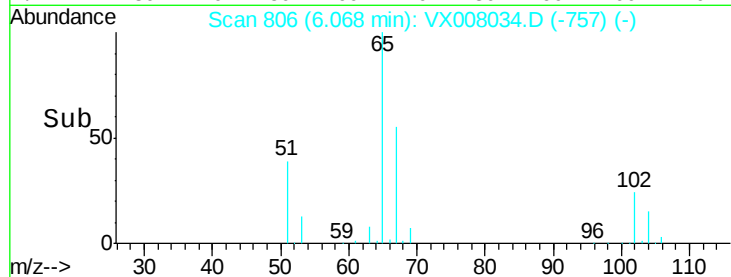
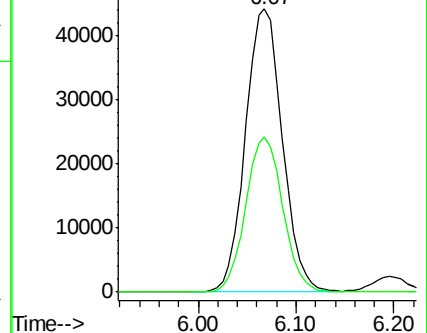
65 100

67 55.0 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

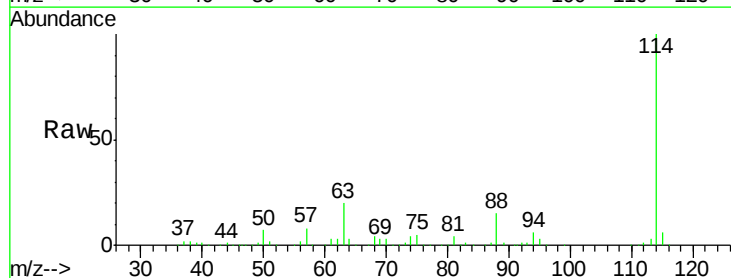
Tgt Ion: 114 Resp: 331281

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

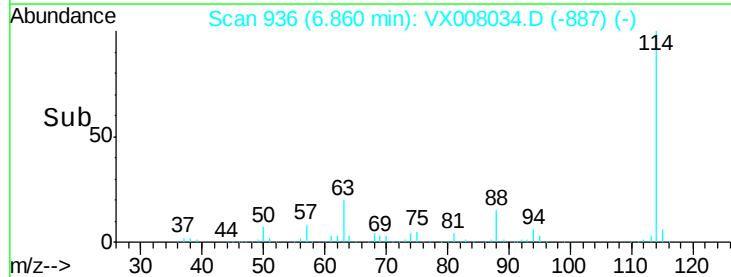
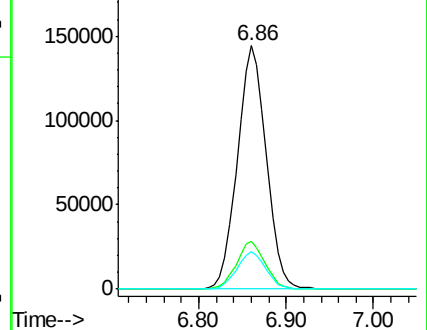
88 15.5 0.0 31.4

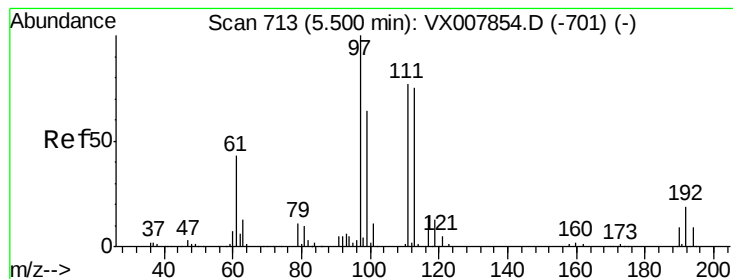


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.265 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

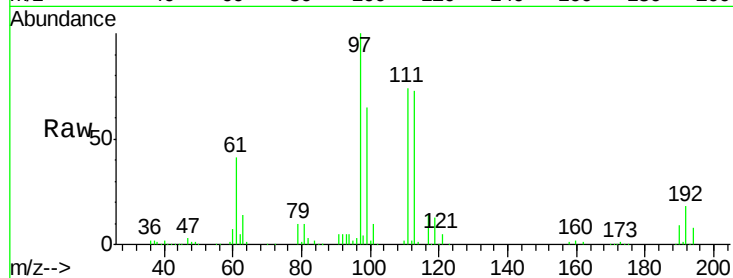
Tot Ion:113 Resp: 104397

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

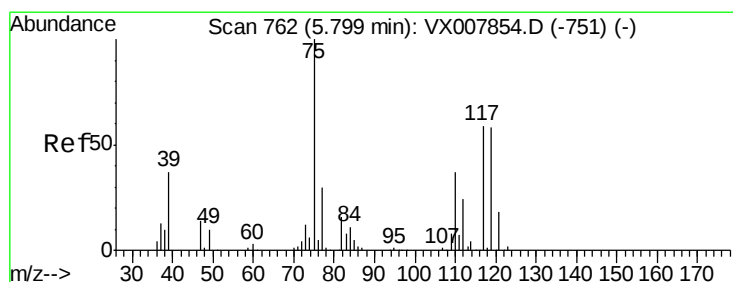
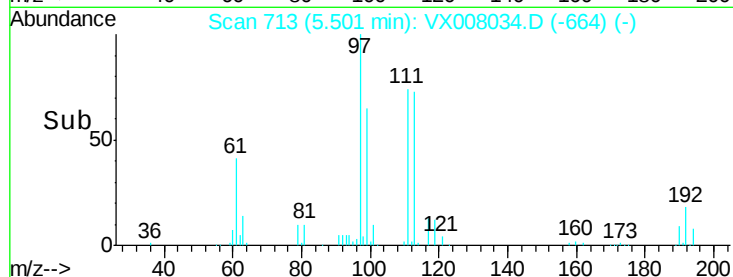
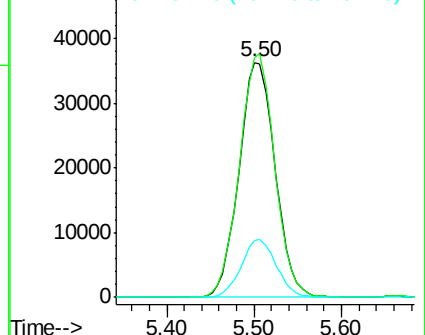
192 24.1 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.622 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

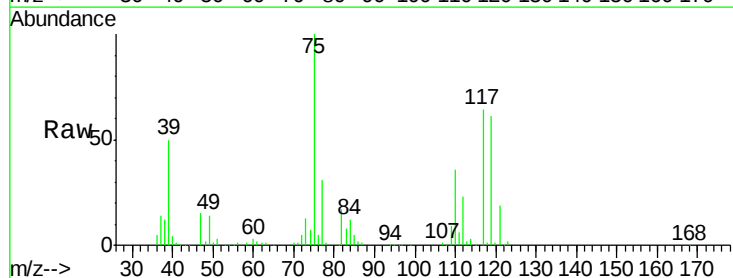
Tgt Ion: 75 Resp: 139852

Ion Ratio Lower Upper

75 100

110 36.7 18.4 55.0

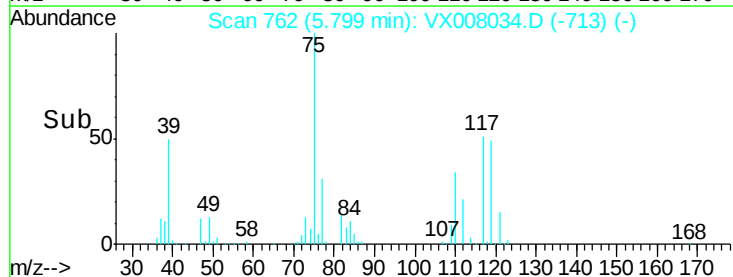
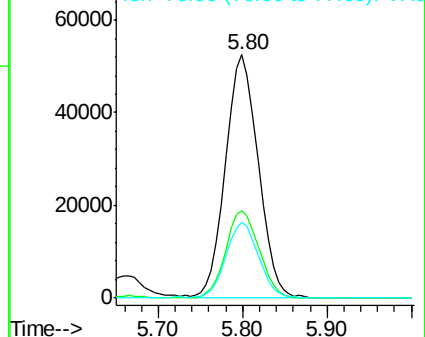
77 31.0 25.0 37.4

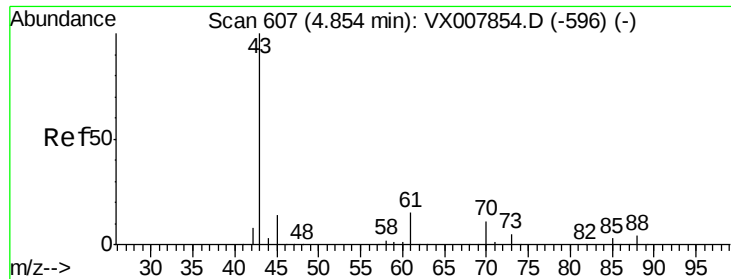


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

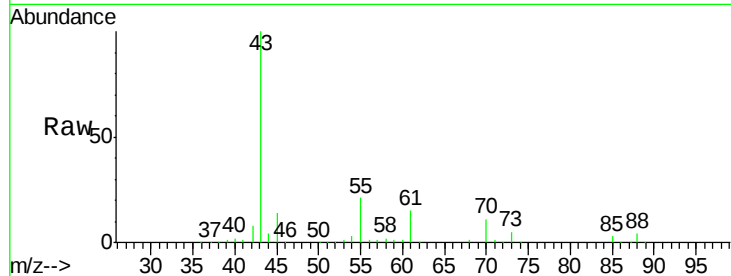




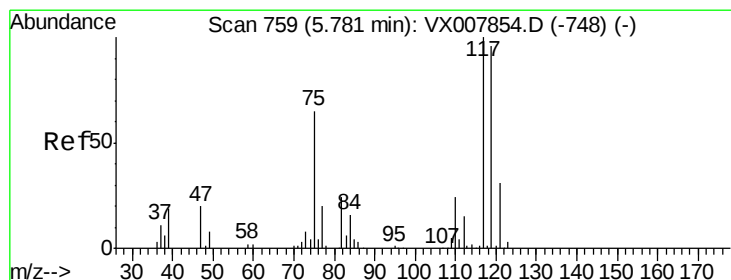
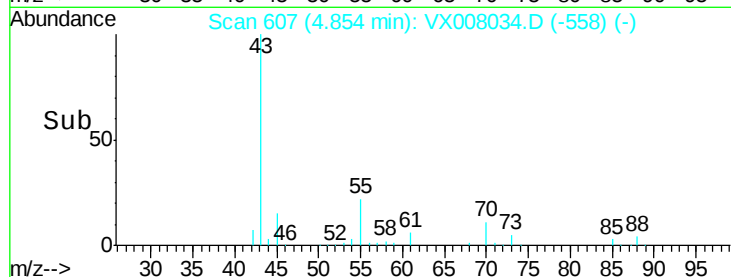
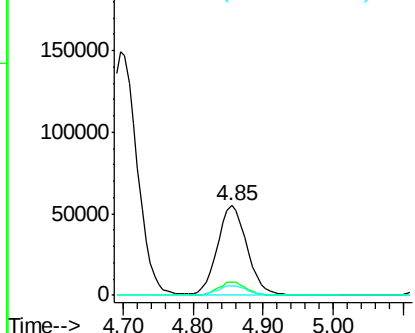
#37
Ethyl Acetate
Concen: 45.415 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 161665
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 10.9 8.5 12.7

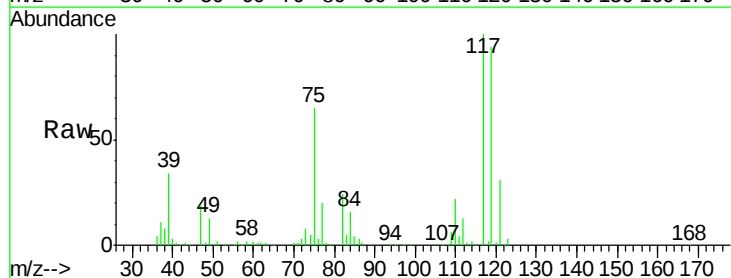


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

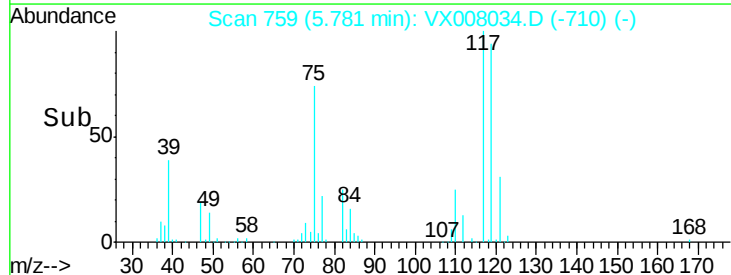
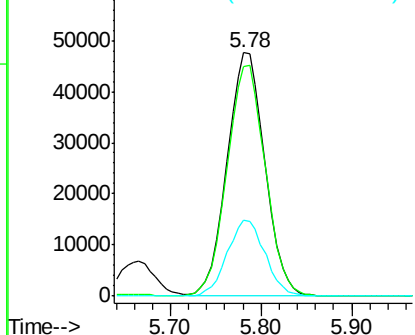


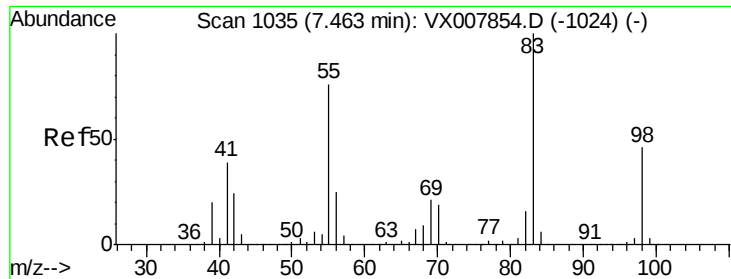
#38
Carbon Tetrachloride
Concen: 48.286 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

Tgt Ion: 117 Resp: 137509
Ion Ratio Lower Upper
117 100
119 94.0 76.2 114.2
121 31.0 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

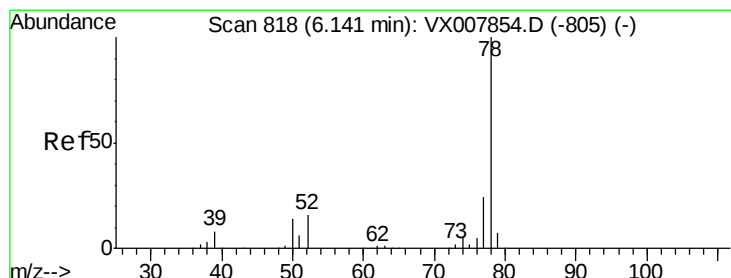
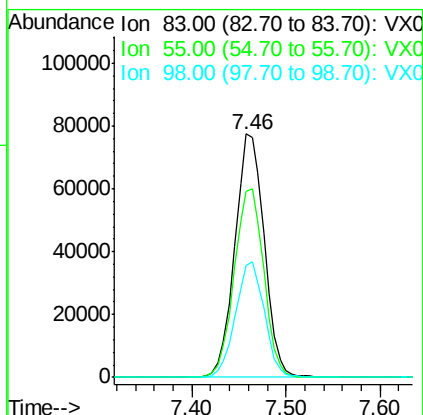
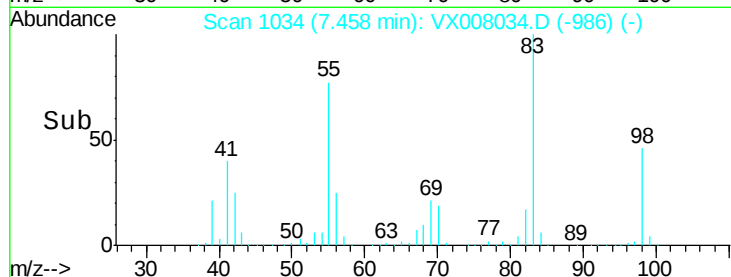
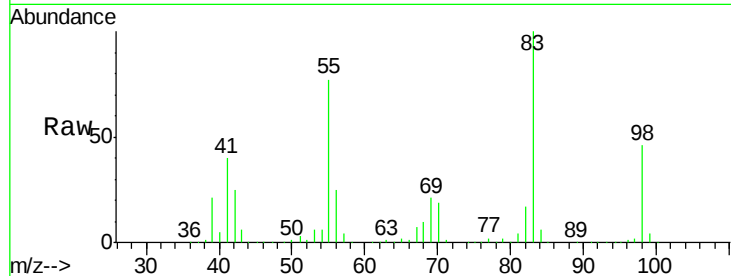




#39
Methvlcvclohexane
Concen: 46.260 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

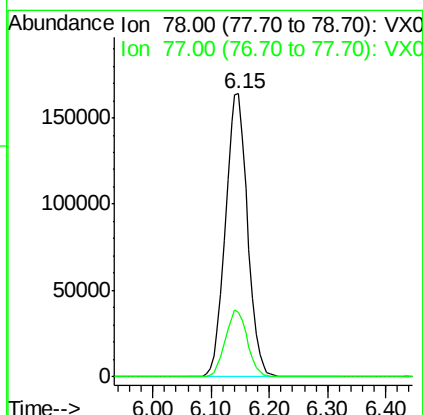
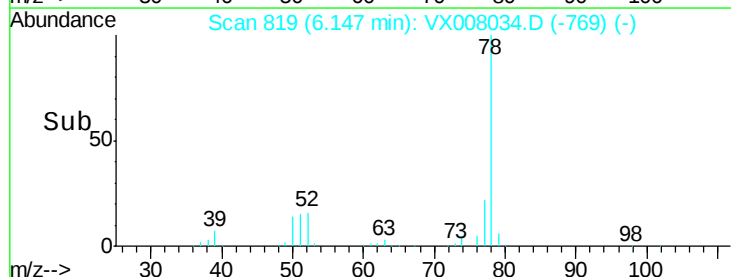
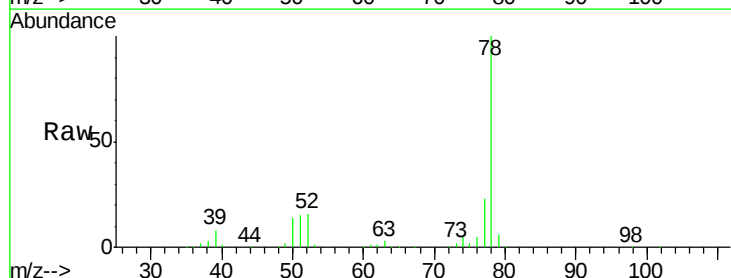
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

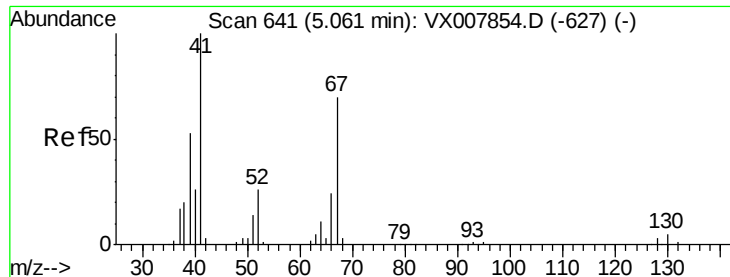
Tot Ion: 83 Resp: 168145
Ion Ratio Lower Upper
83 100
55 76.6 60.4 90.6
98 45.9 36.5 54.7



#40
Benzene
Concen: 48.440 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

Tgt Ion: 78 Resp: 432582
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4





#41

Methacrylonitrile

Concen: 47.647 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 92471

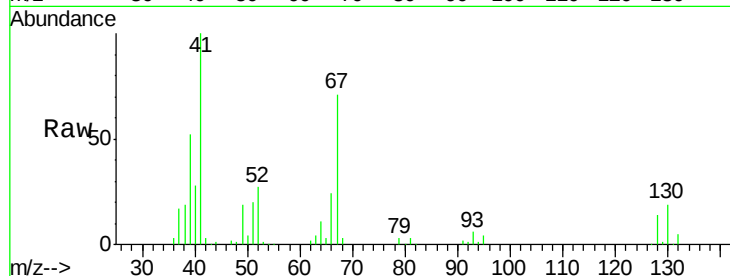
Ion Ratio Lower Upper

41 100

39 52.5 41.6 62.4

67 70.3 55.8 83.6

52 27.5 21.7 32.5

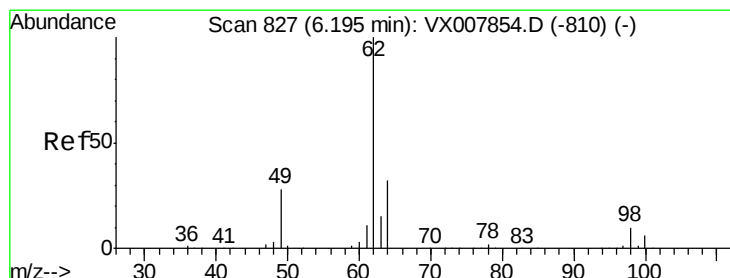
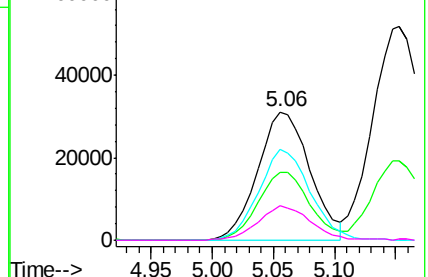
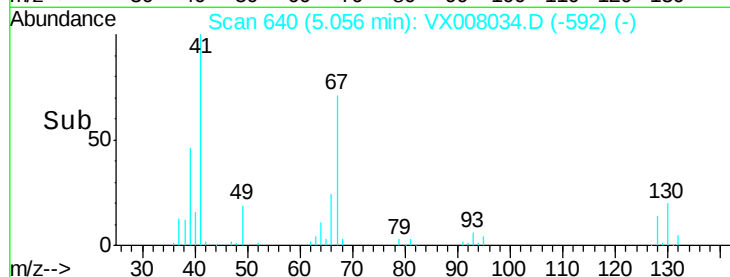


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 47.900 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX008034.D

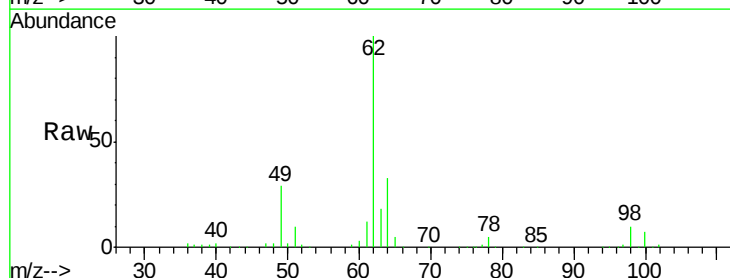
Acq: 12 Mar 2019 23:13

Tgt Ion: 62 Resp: 139890

Ion Ratio Lower Upper

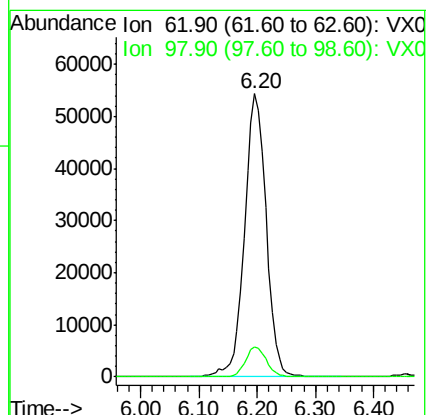
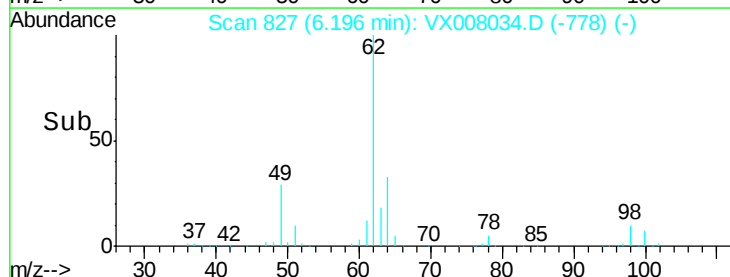
62 100

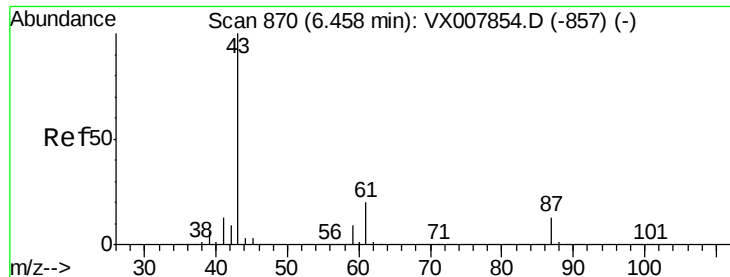
98 10.3 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



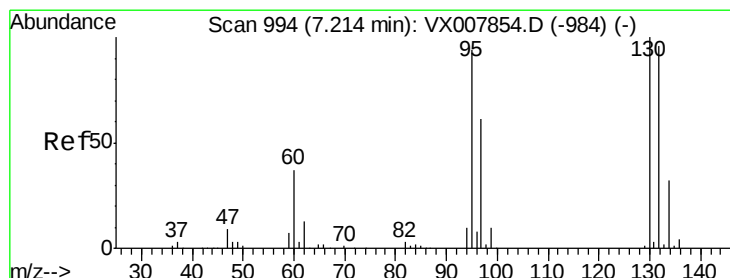
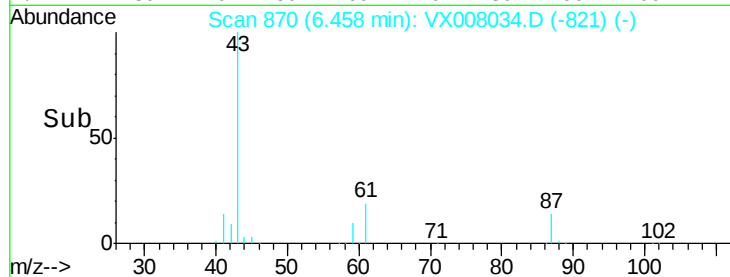
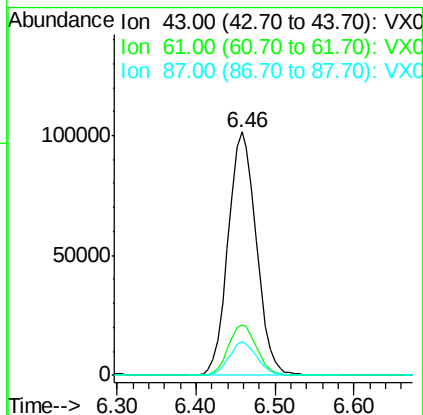
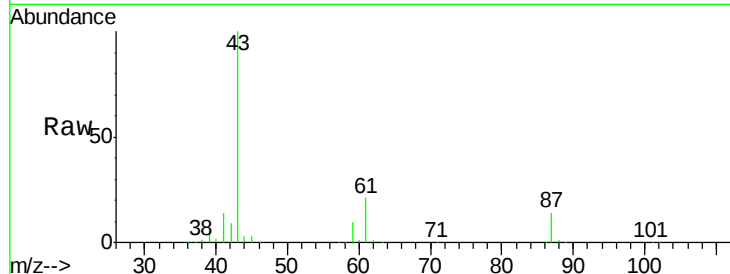


#43

Isopropyl Acetate
 Concen: 47.880 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

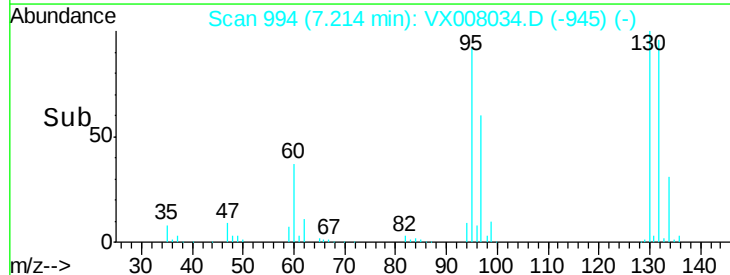
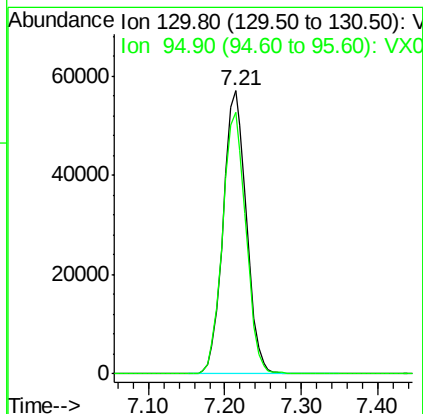
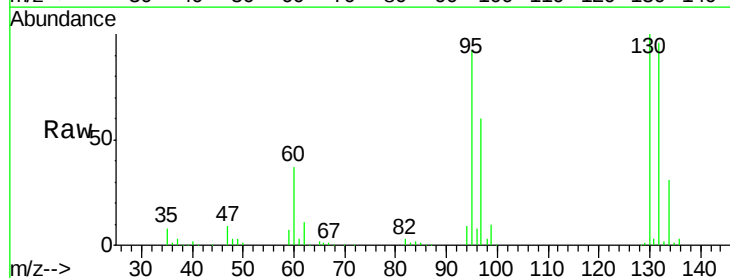
Tot Ion: 43 Resp: 252241
 Ion Ratio Lower Upper
 43 100
 61 20.9 16.3 24.5
 87 13.7 10.5 15.7

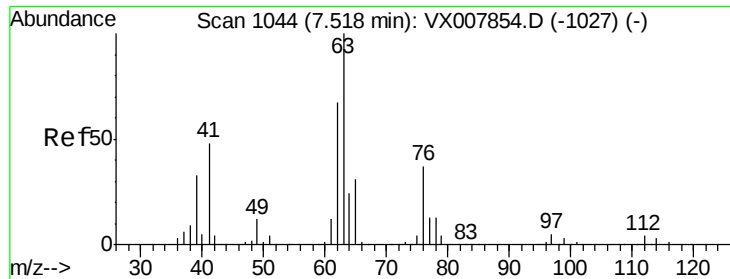


#44

Trichloroethene
 Concen: 48.623 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

Tgt Ion: 130 Resp: 119662
 Ion Ratio Lower Upper
 130 100
 95 92.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 48.116 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

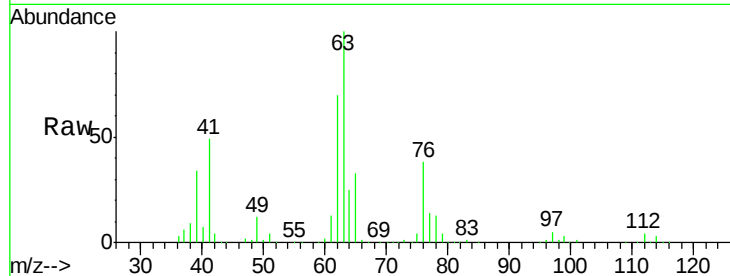
VSTDCCC050EC

Tot Ion: 63 Resp: 113488

Ion Ratio Lower Upper

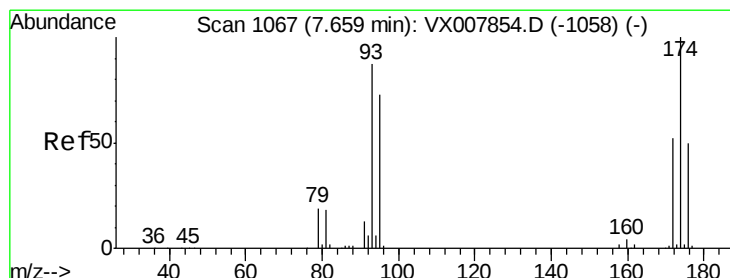
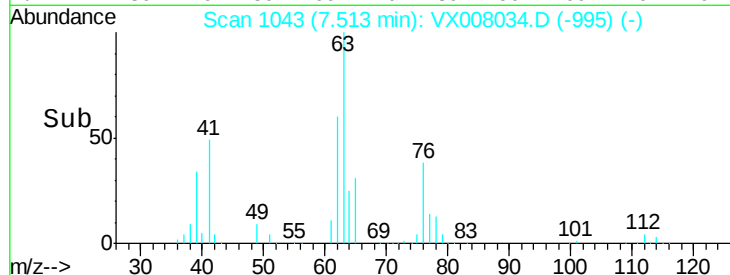
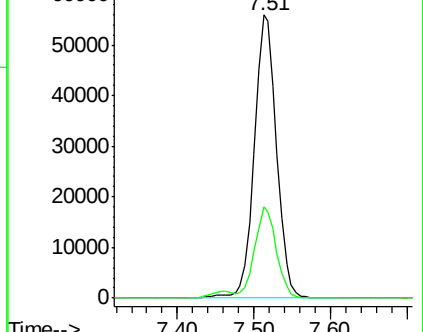
63 100

65 32.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.255 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

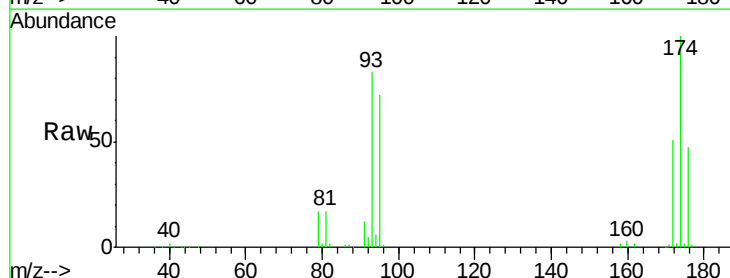
Tgt Ion: 93 Resp: 72028

Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

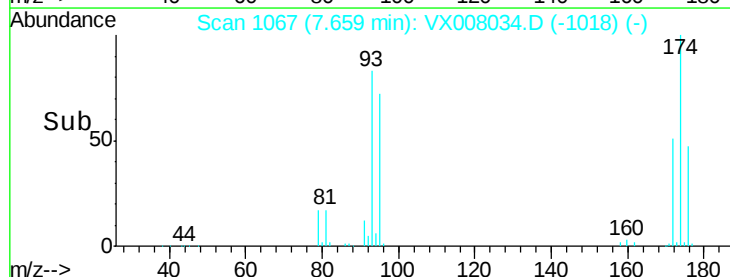
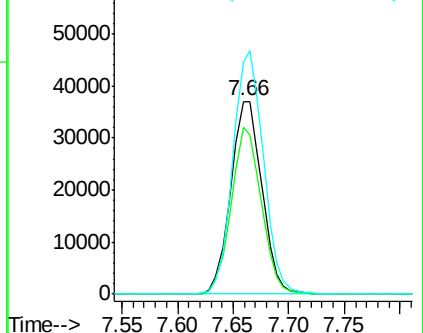
174 123.4 97.3 145.9

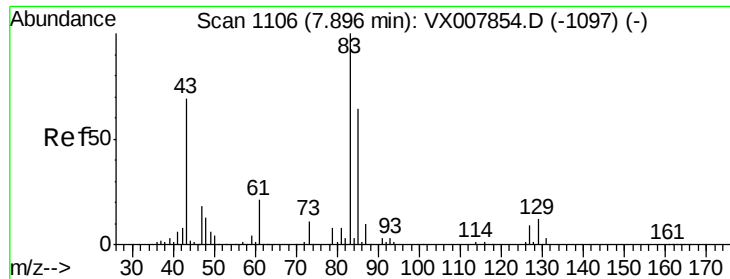


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.885 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

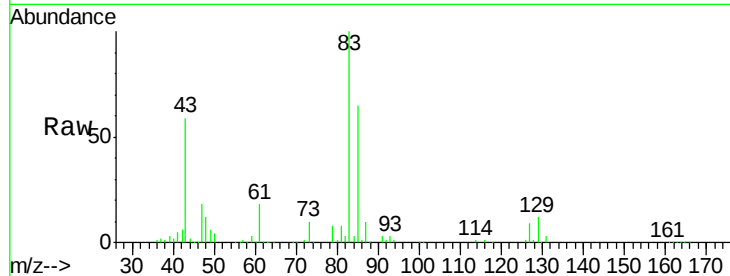
Tot Ion: 83 Resp: 138345

Ion Ratio Lower Upper

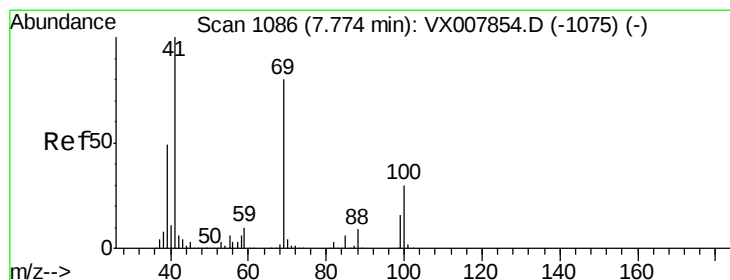
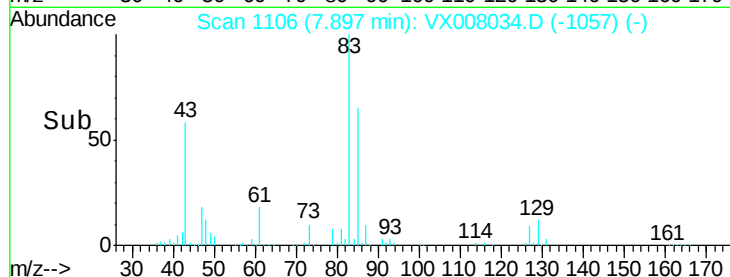
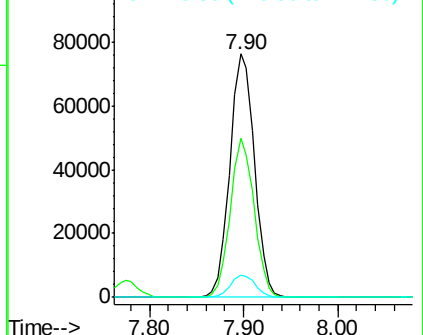
83 100

85 65.1 50.9 76.3

127 9.1 7.4 11.0



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: 47.884 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

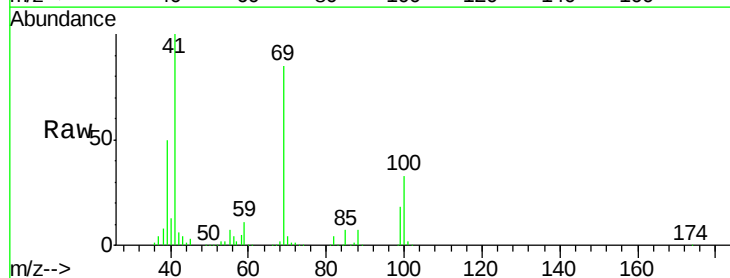
Tgt Ion: 41 Resp: 132630

Ion Ratio Lower Upper

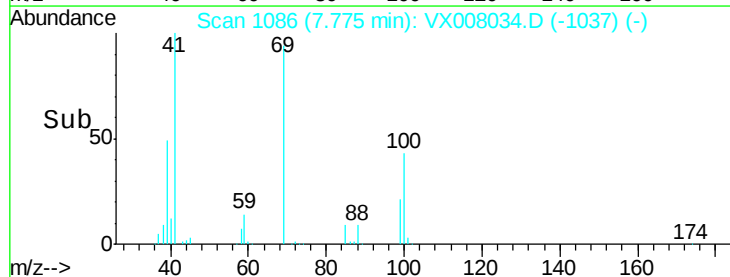
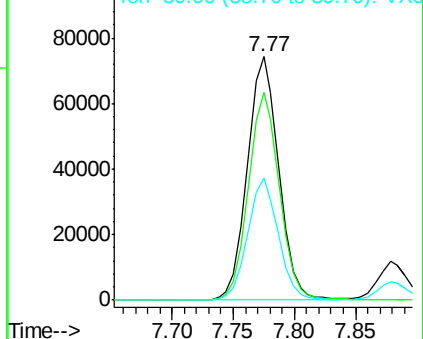
41 100

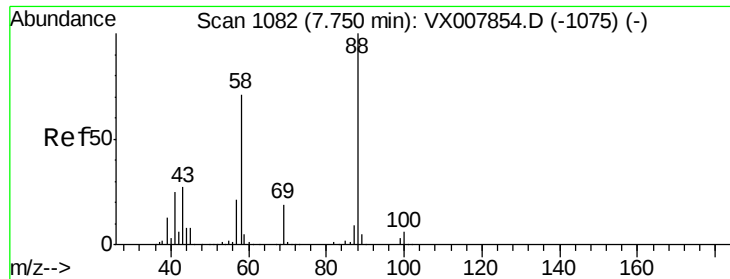
69 84.7 65.2 97.8

39 48.8 39.4 59.2



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

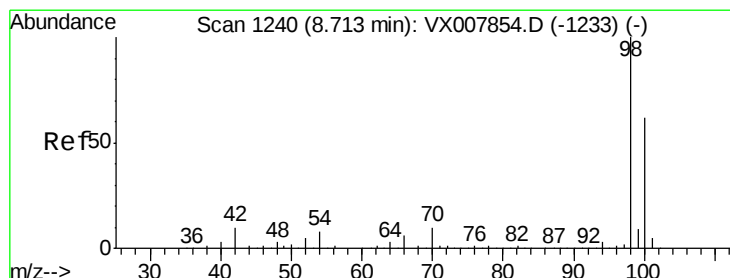
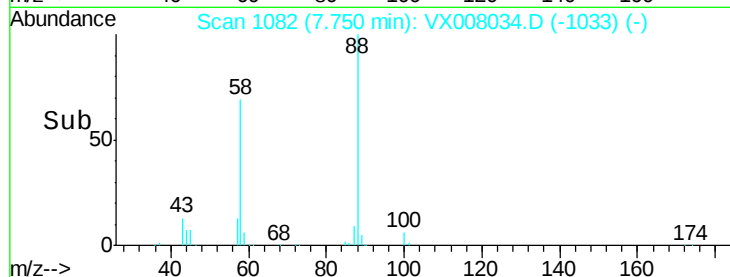
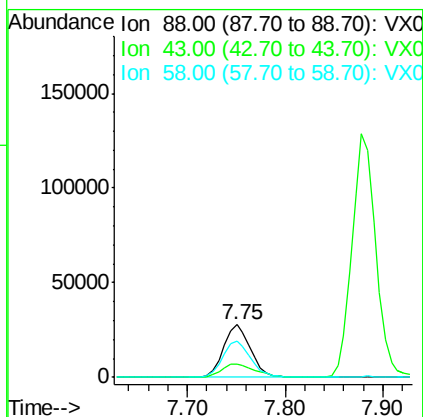
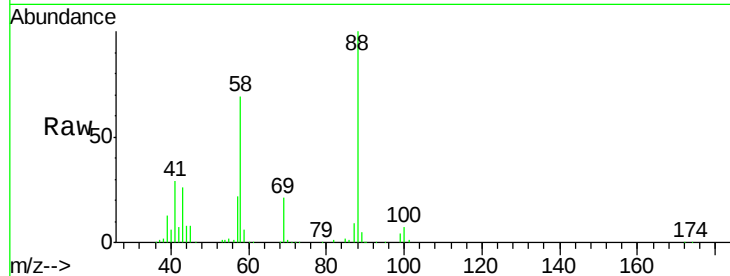




#49
1,4-Dioxane
Concen: 937.866 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

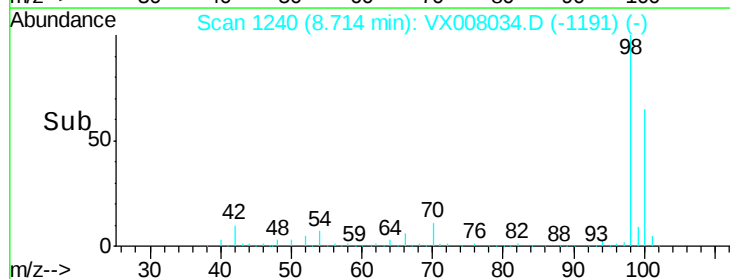
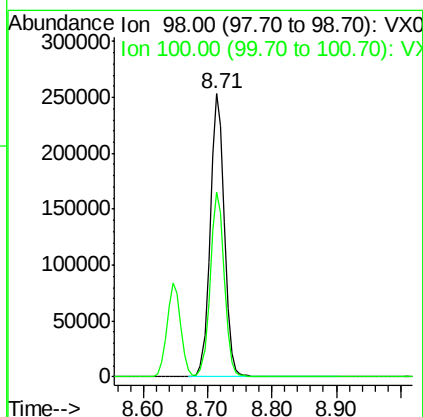
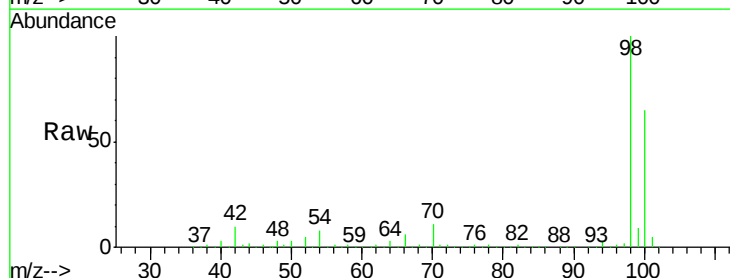
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

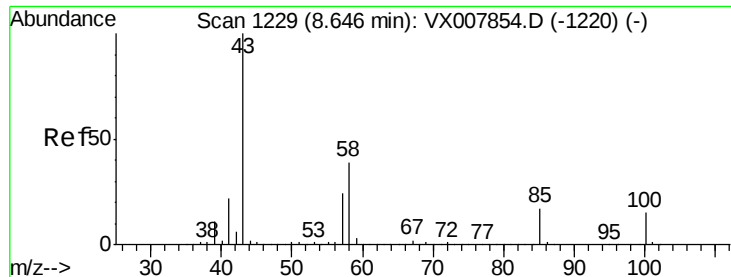
Tot Ion: 88 Resp: 53363
Ion Ratio Lower Upper
88 100
43 31.1 25.1 37.7
58 72.2 57.8 86.6



#50
Toluene-d8
Concen: 50.192 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

Tgt Ion: 98 Resp: 390618
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 241.399 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

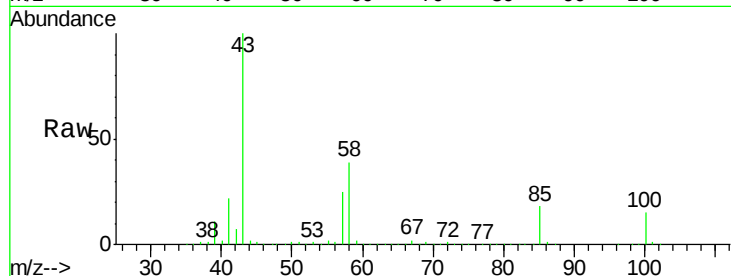
VSTDCCC050EC

Tot Ion: 43 Resp: 817865

Ion Ratio Lower Upper

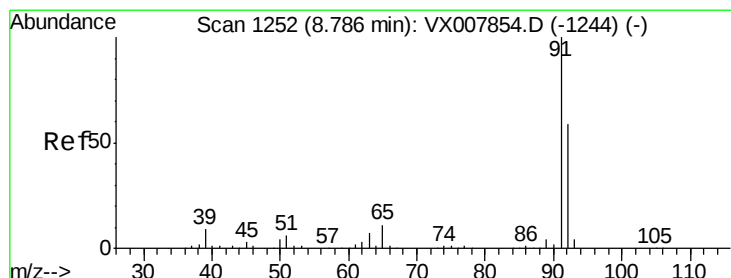
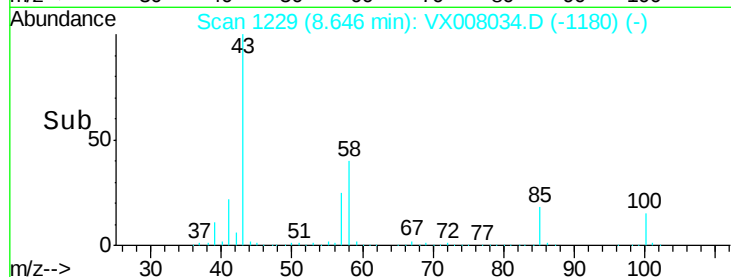
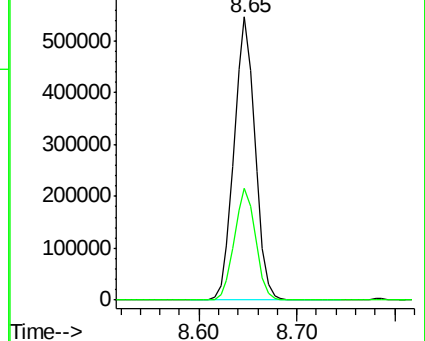
43 100

58 39.6 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.353 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008034.D

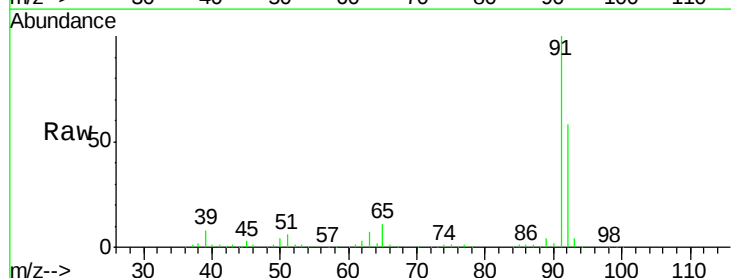
Acq: 12 Mar 2019 23:13

Tgt Ion: 92 Resp: 269078

Ion Ratio Lower Upper

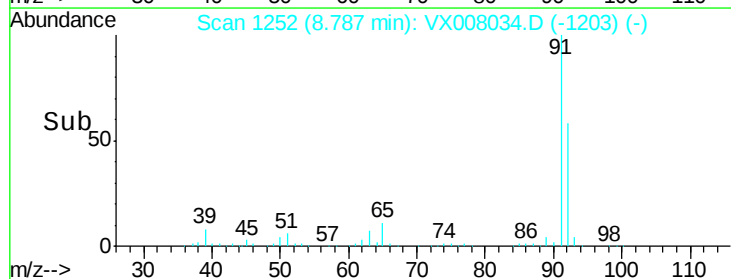
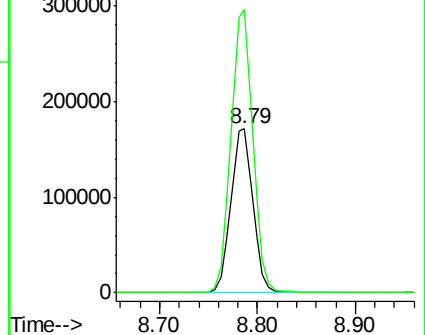
92 100

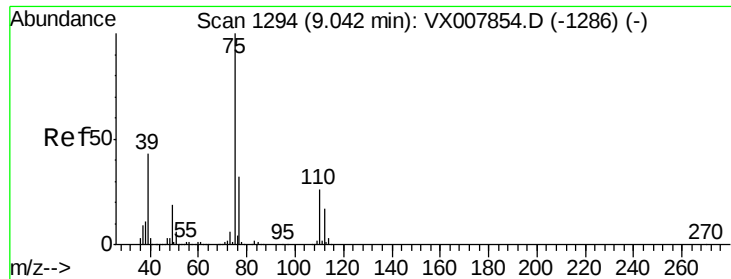
91 171.6 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.304 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

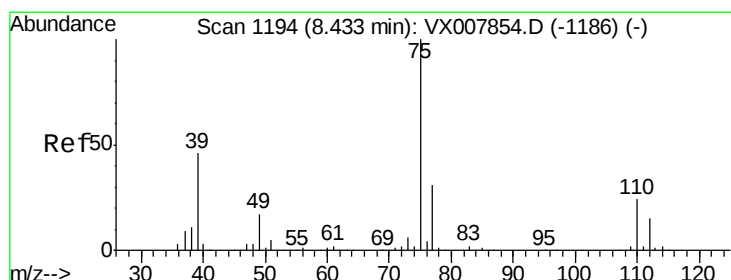
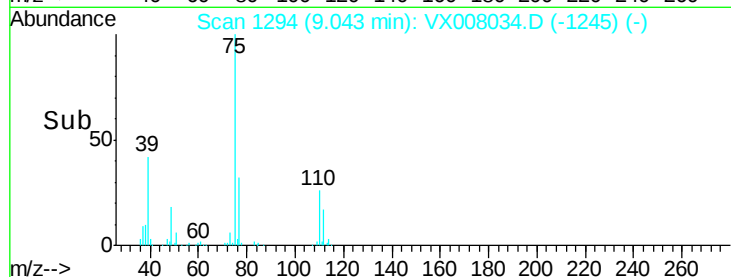
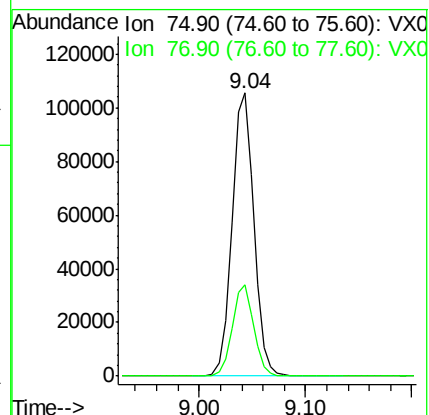
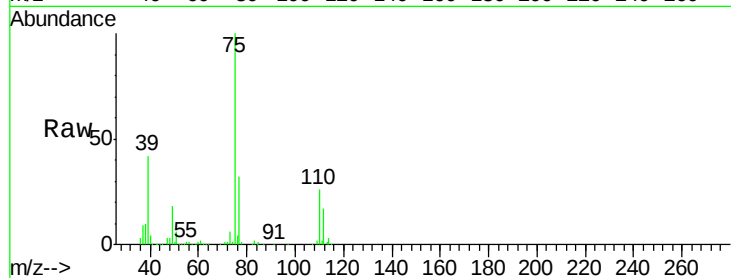
VSTDCCC050EC

Tot Ion: 75 Resp: 151543

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 49.957 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

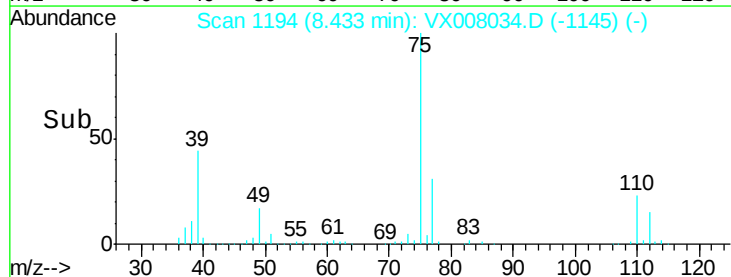
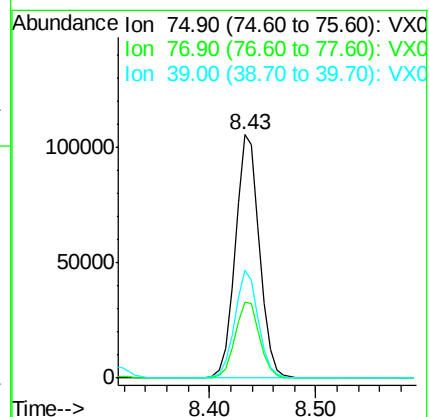
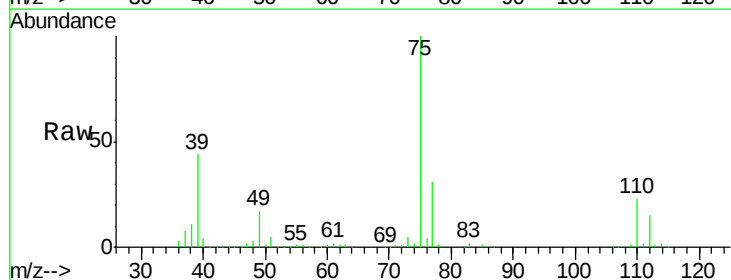
Tgt Ion: 75 Resp: 166636

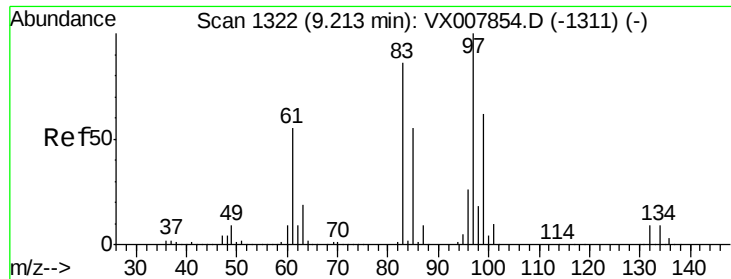
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 44.2 36.6 54.8

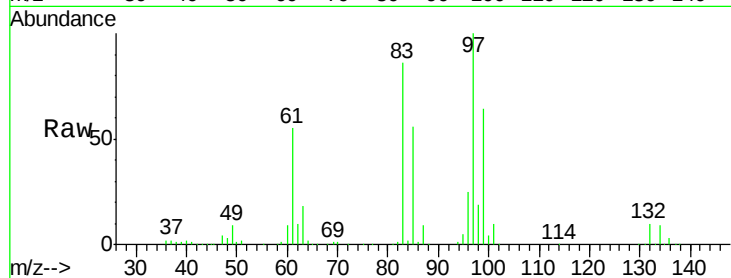




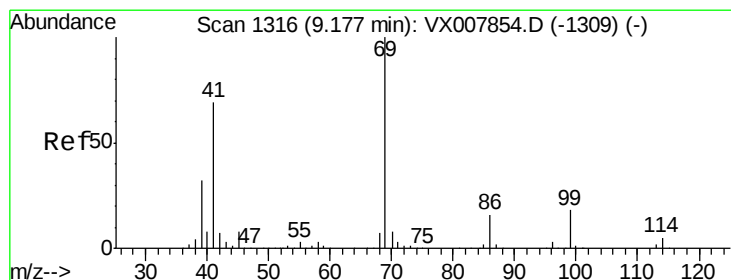
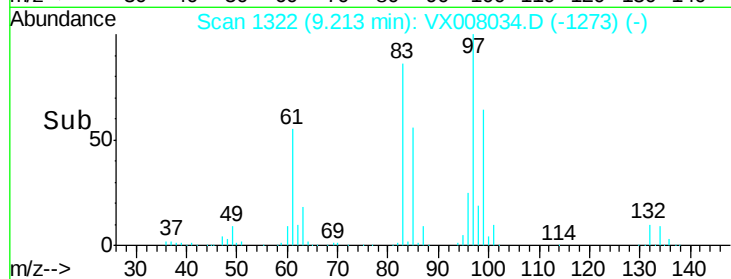
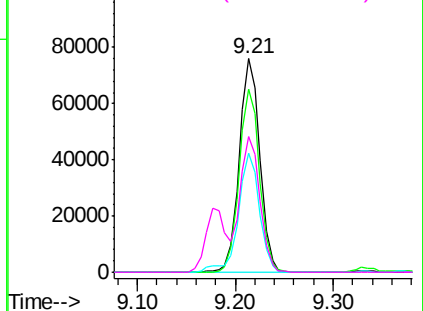
#55
 1,1,2-Trichloroethane
 Concen: 50.157 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 110699
 Ion Ratio Lower Upper
 97 100
 83 85.7 69.1 103.7
 85 55.8 44.3 66.5
 99 63.7 49.8 74.8

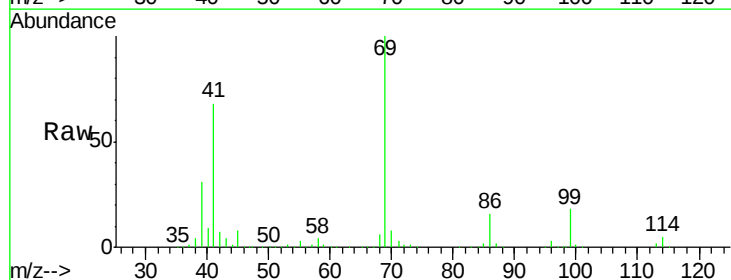


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

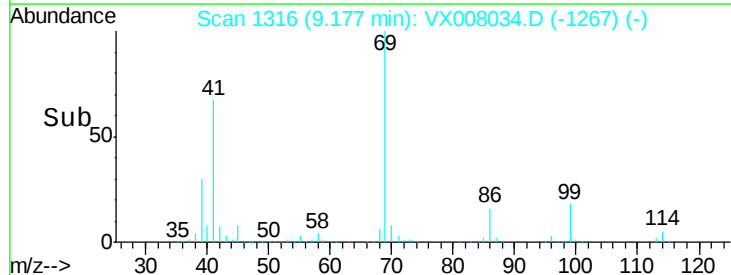
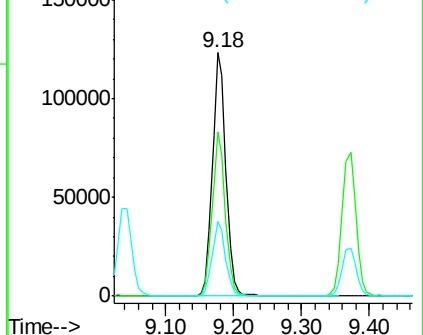


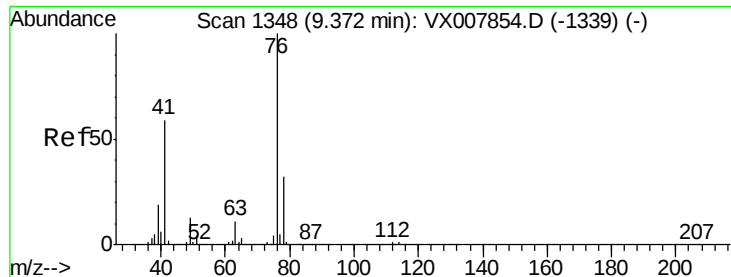
#56
 Ethyl methacrylate
 Concen: 51.050 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

Tgt Ion: 69 Resp: 169171
 Ion Ratio Lower Upper
 69 100
 41 65.3 54.2 81.4
 39 30.4 25.0 37.4



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





#57

1,3-Dichloropropane

Concen: 49.139 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

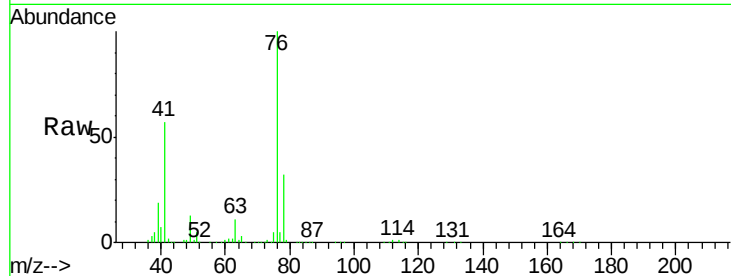
VSTDCCC050EC

Tot Ion: 76 Resp: 182099

Ion Ratio Lower Upper

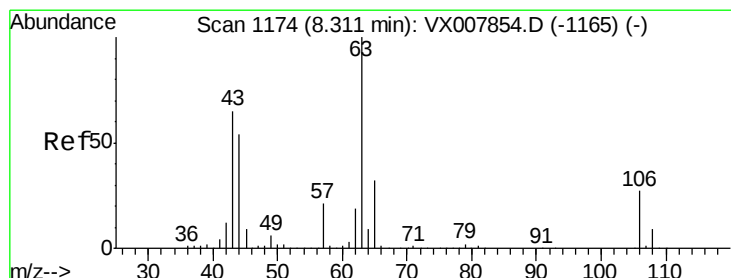
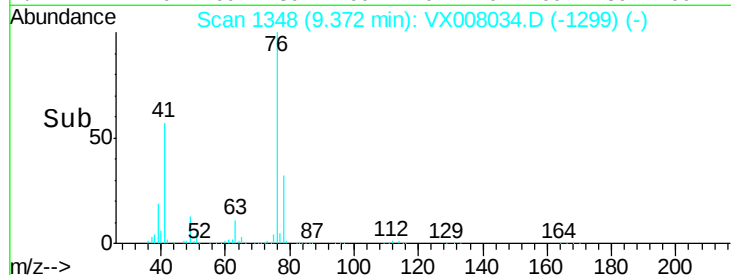
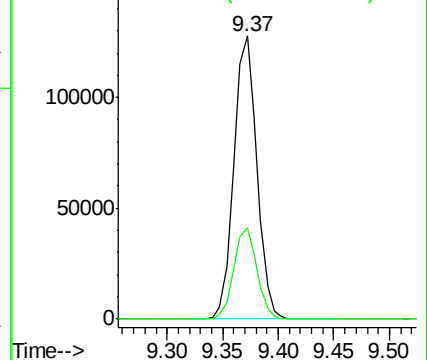
76 100

78 32.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 257.765 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008034.D

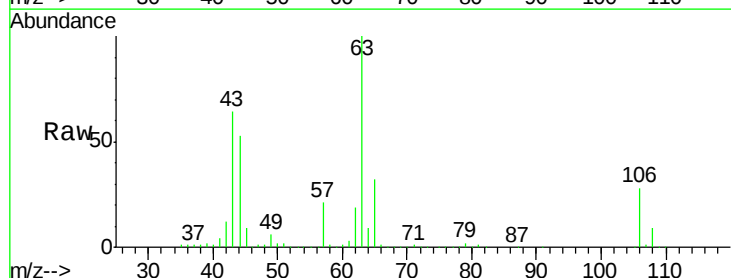
Acq: 12 Mar 2019 23:13

Tgt Ion: 63 Resp: 441851

Ion Ratio Lower Upper

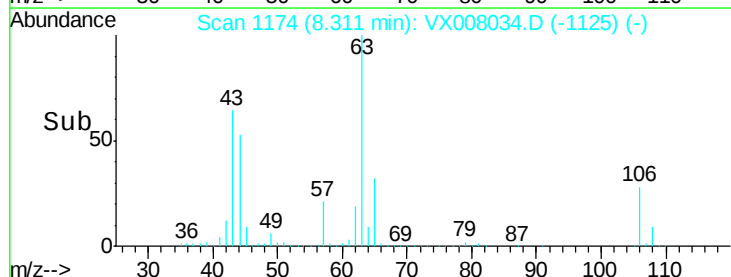
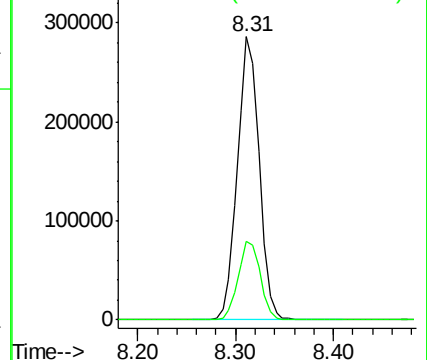
63 100

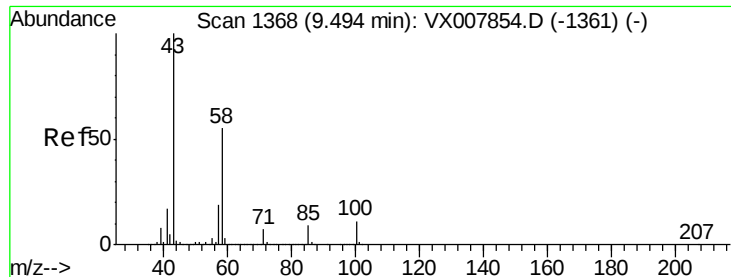
106 28.3 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

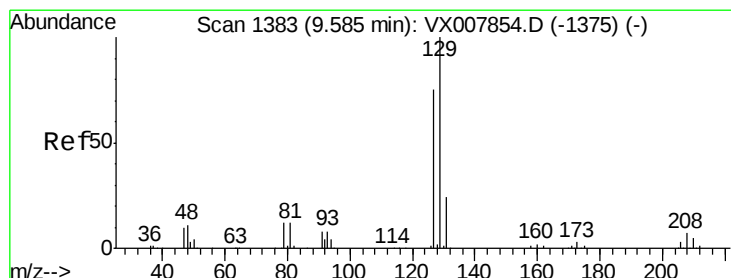
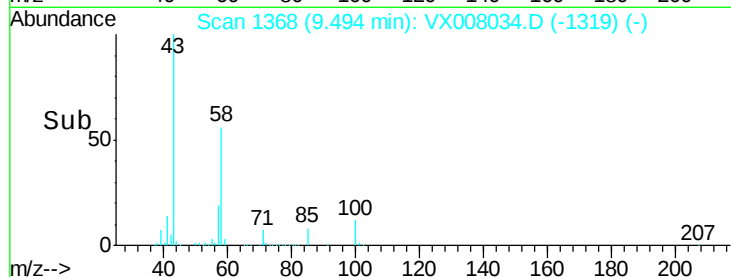
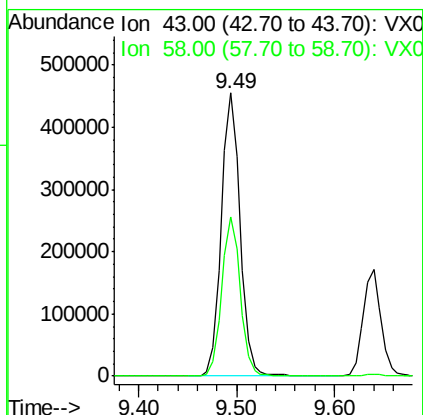
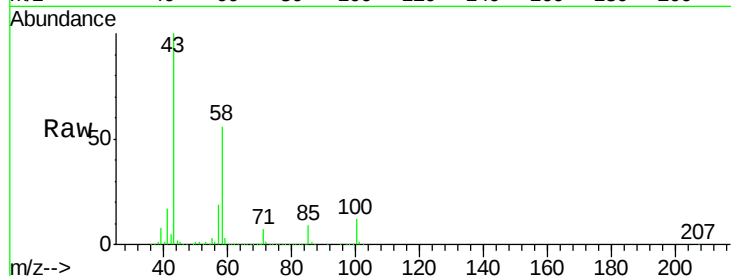




#59
2-Hexanone
Concen: 230.545 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

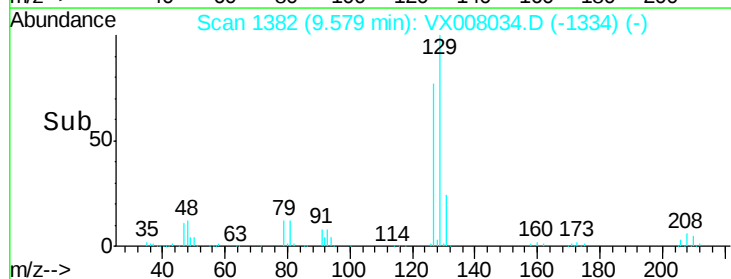
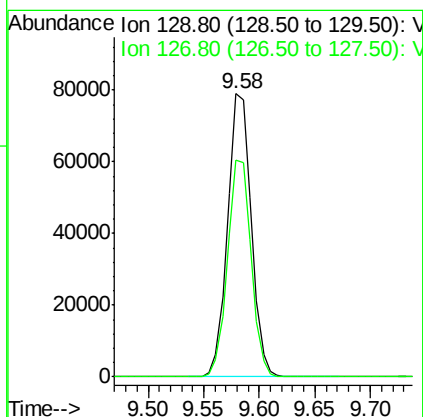
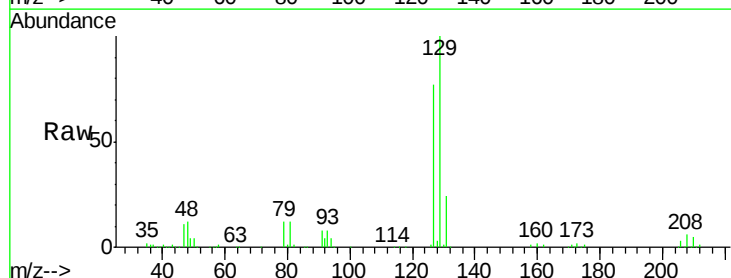
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

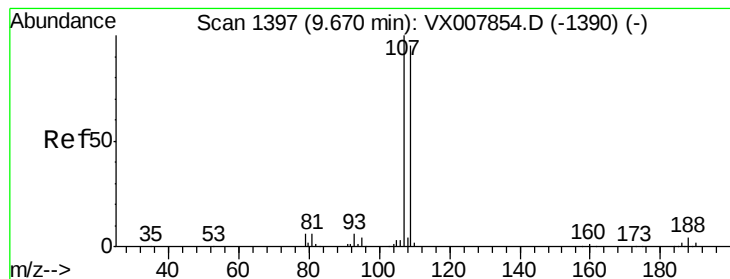
Tot Ion: 43 Resp: 606423
Ion Ratio Lower Upper
43 100
58 55.7 27.6 82.7



#60
Dibromochloromethane
Concen: 50.417 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

Tgt Ion: 129 Resp: 116308
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.8





#61

1,2-Dibromoethane

Concen: 50.054 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

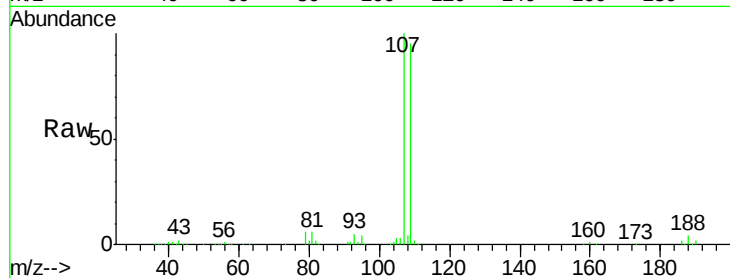
VSTDCCC050EC

Tot Ion:107 Resp: 117291

Ion Ratio Lower Upper

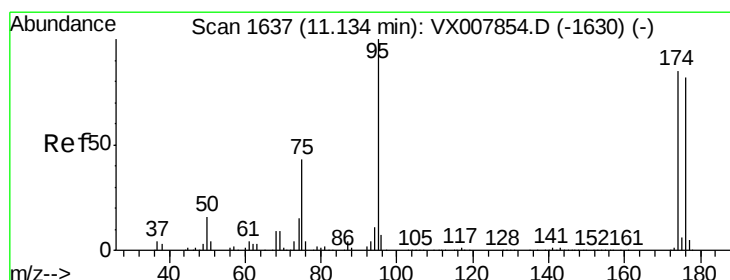
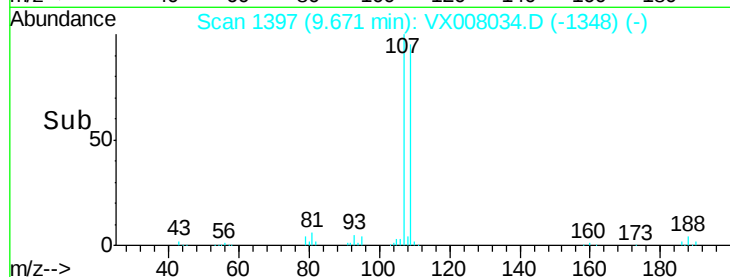
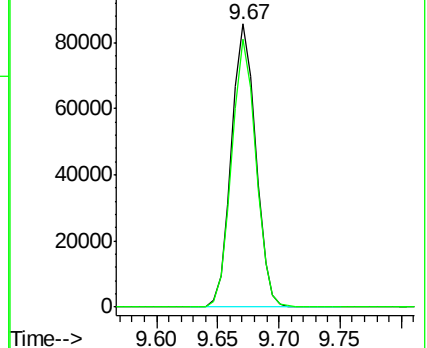
107 100

109 94.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.410 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

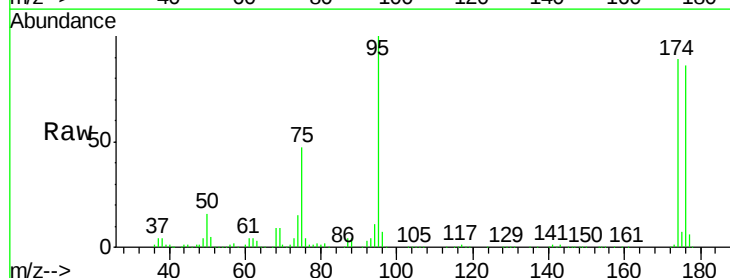
Tgt Ion: 95 Resp: 137547

Ion Ratio Lower Upper

95 100

174 92.6 0.0 182.8

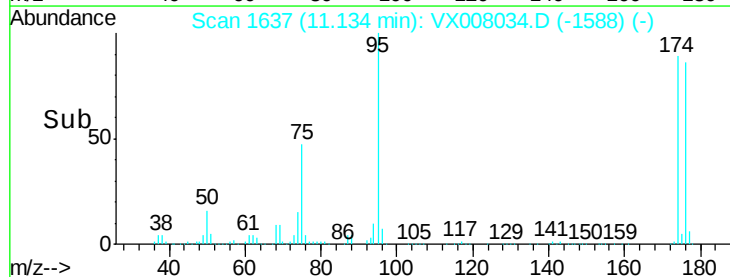
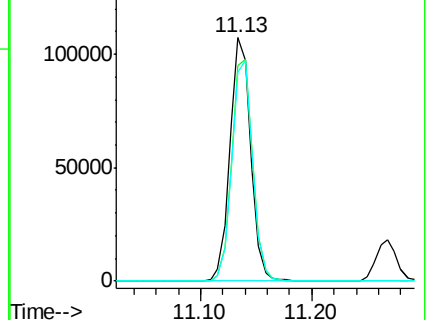
176 90.8 0.0 178.0

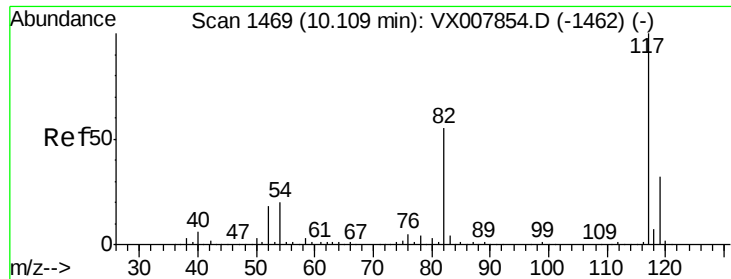


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

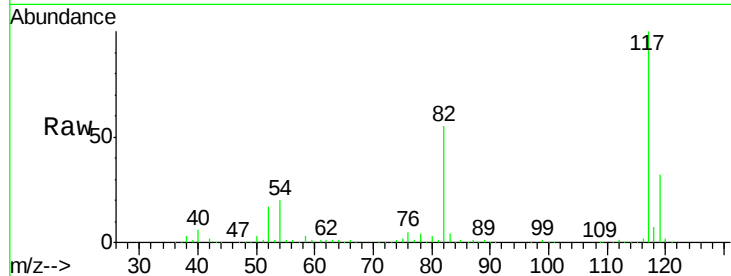




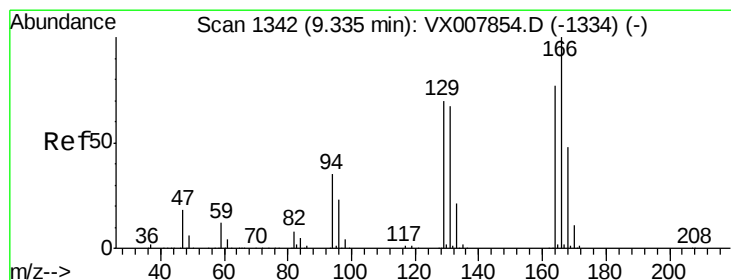
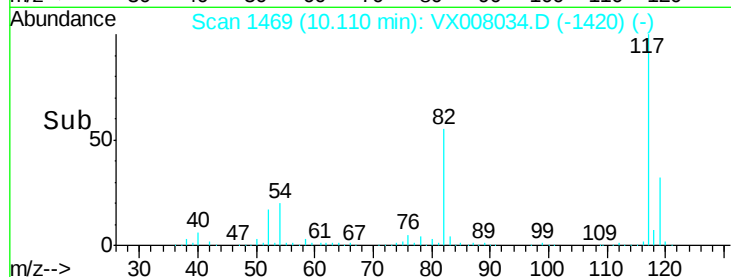
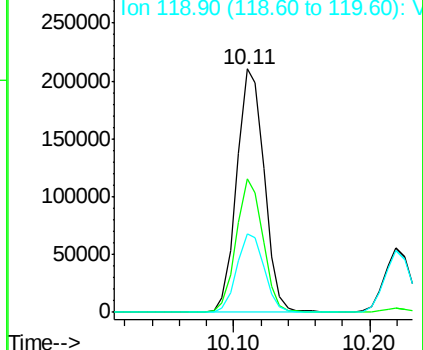
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 295971
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 32.3 25.3 37.9



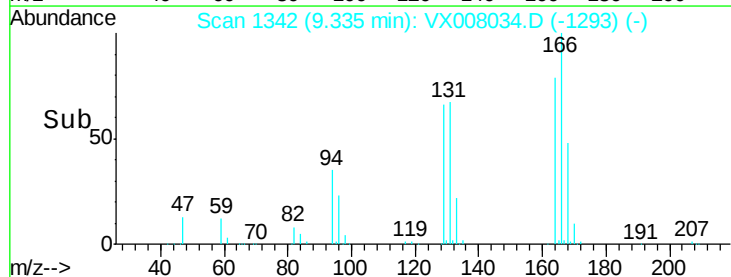
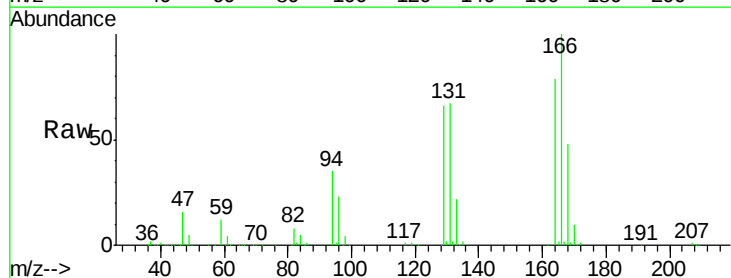
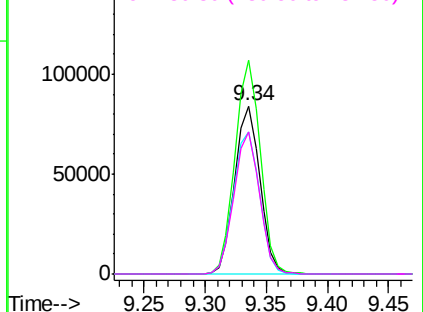
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

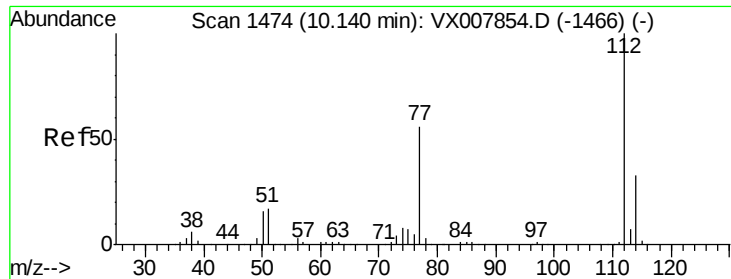


#64
Tetrachloroethene
Concen: 48.945 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

Tgt Ion:164 Resp: 120046
Ion Ratio Lower Upper
164 100
166 127.0 103.4 155.0
129 84.2 72.2 108.4
131 84.5 69.4 104.2

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

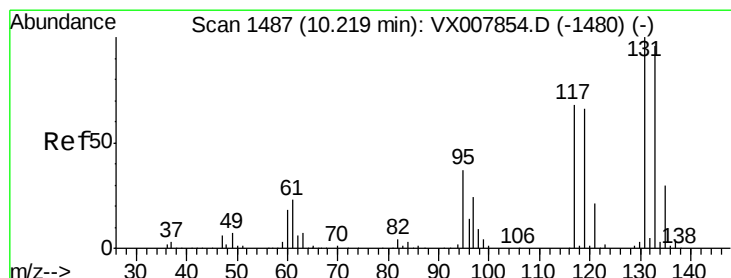
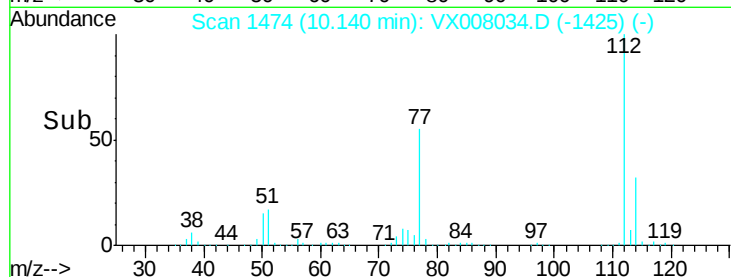
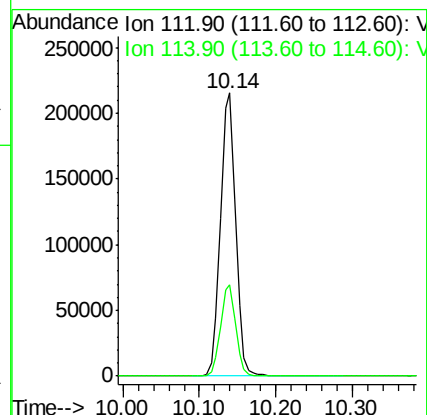
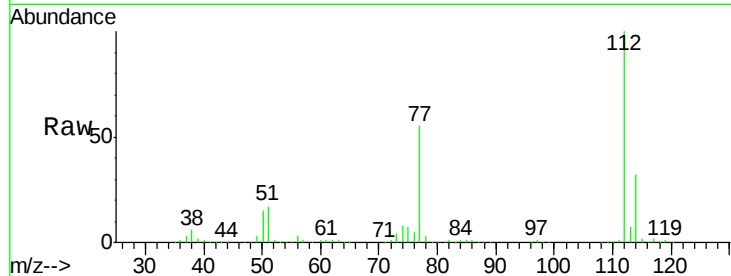




#65
Chlorobenzene
Concen: 47.922 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

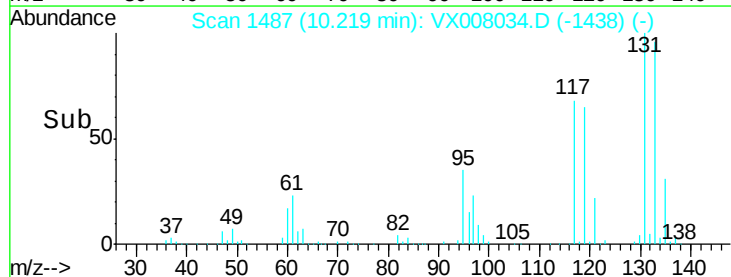
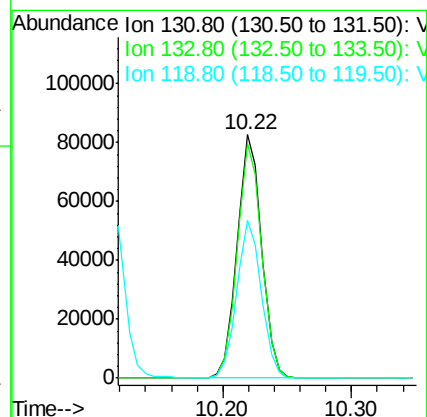
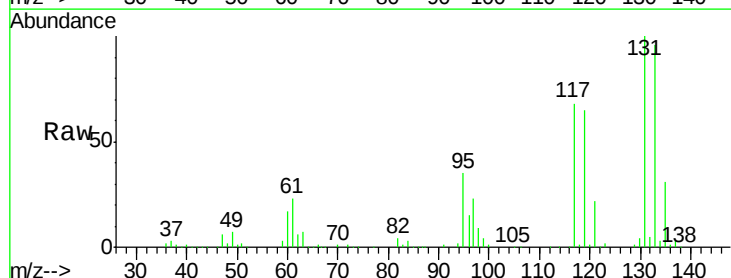
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

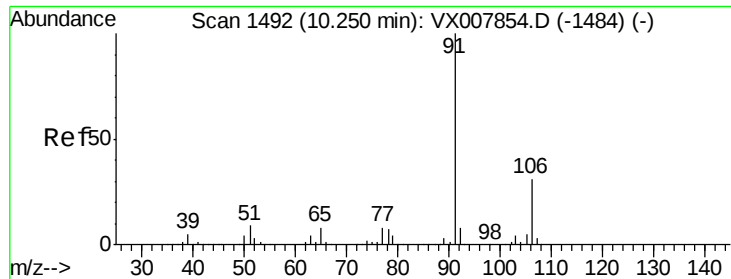
Tot Ion:112 Resp: 296801
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.486 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

Tgt Ion:131 Resp: 109844
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.3
119 65.2 32.5 97.5

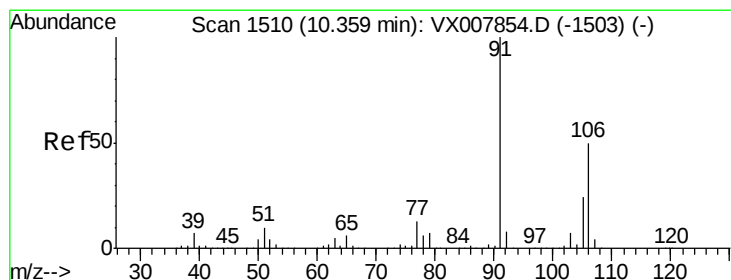
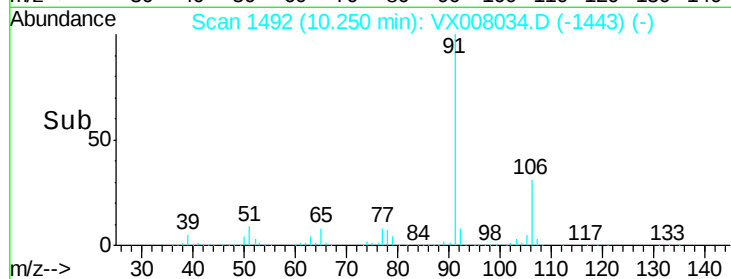
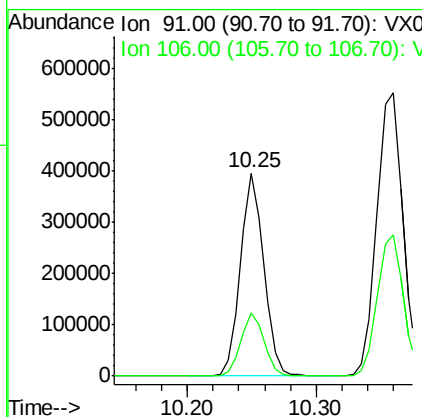
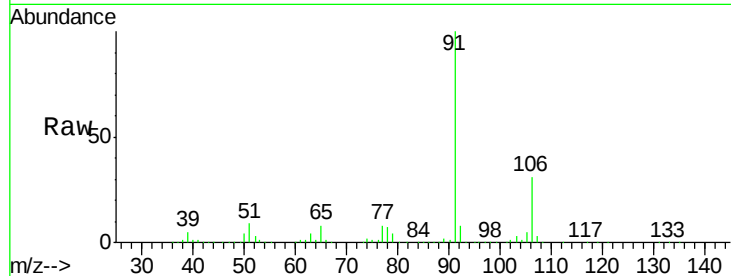




#67
Ethyl Benzene
Concen: 48.939 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

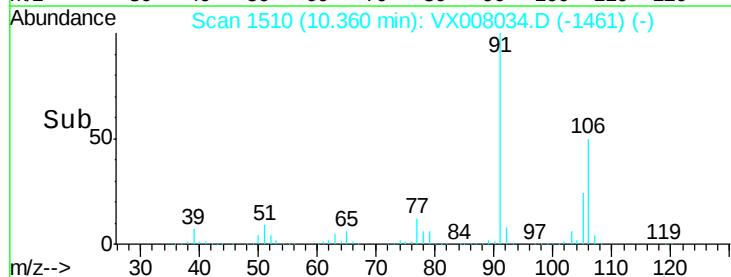
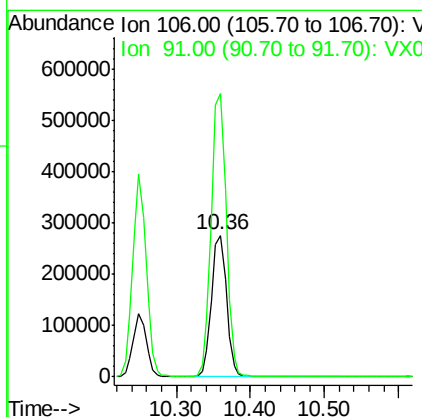
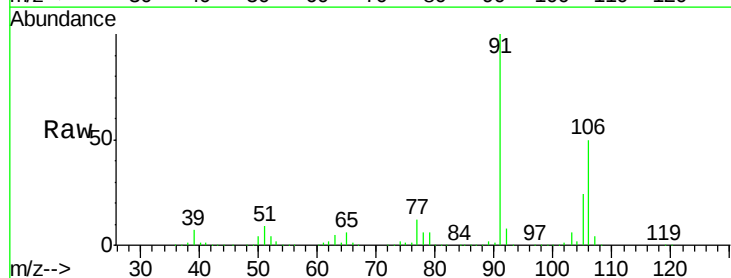
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

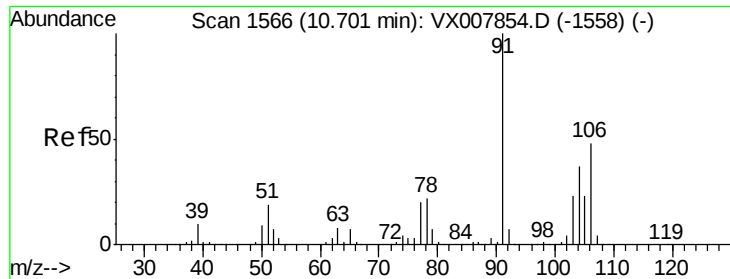
Tot Ion: 91 Resp: 498931
Ion Ratio Lower Upper
91 100
106 31.3 25.2 37.8



#68
m/p-Xylenes
Concen: 97.946 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

Tgt Ion: 106 Resp: 384896
Ion Ratio Lower Upper
106 100
91 200.7 159.8 239.6

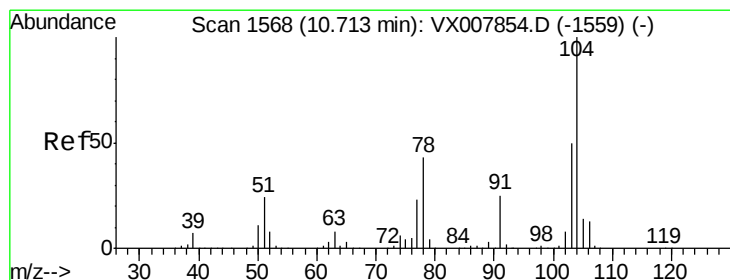
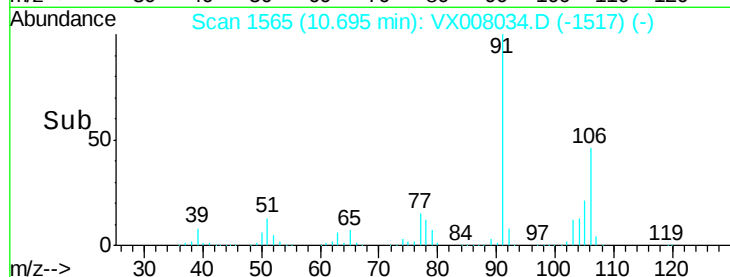
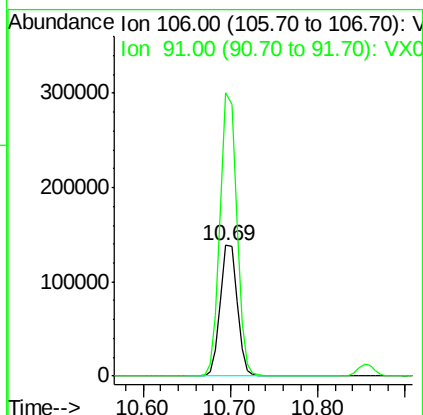
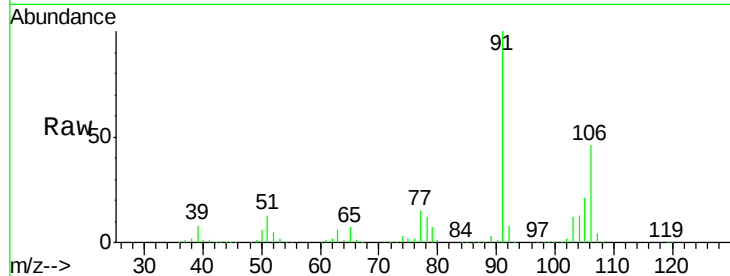




#69
o-Xylene
Concen: 49.103 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

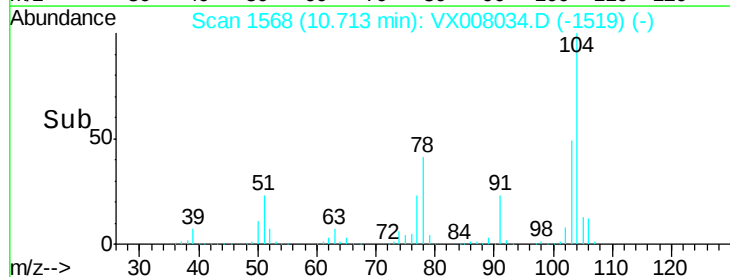
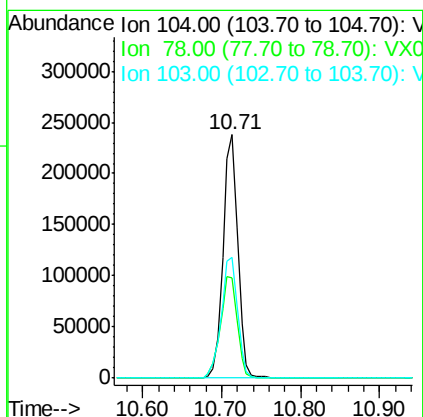
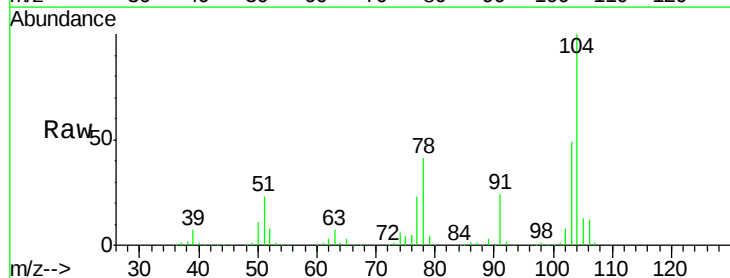
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

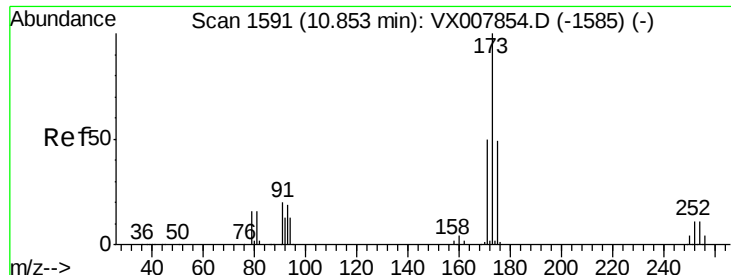
Tot Ion:106 Resp: 186290
Ion Ratio Lower Upper
106 100
91 213.2 106.3 318.9



#70
Styrene
Concen: 49.868 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008034.D
Acq: 12 Mar 2019 23:13

Tgt Ion:104 Resp: 309589
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 55.4 44.1 66.1





#71

Bromoform

Concen: 48.004 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

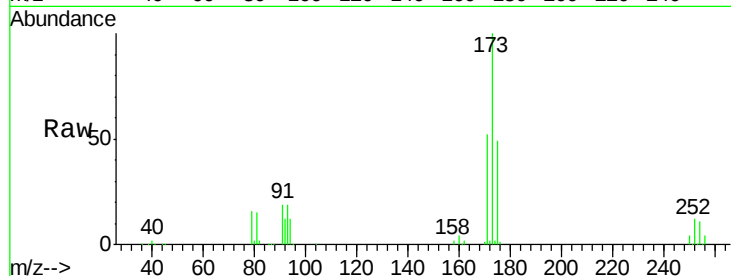
Tot Ion:173 Resp: 91507

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.9

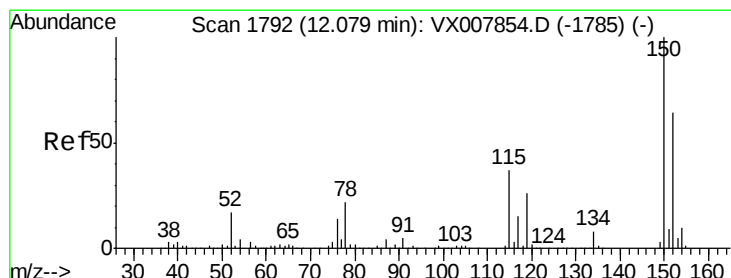
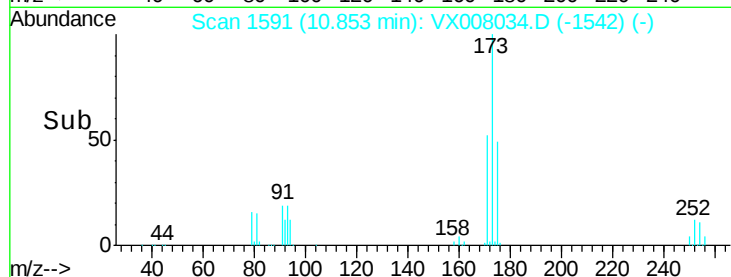
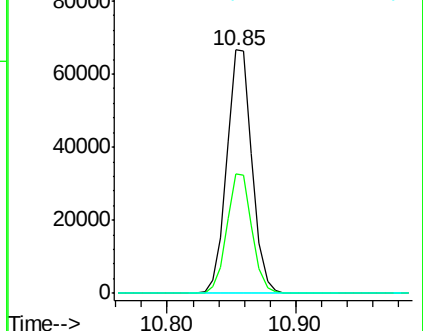
254 0.1 0.1 0.1#



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: VX008034.D

Acq: 12 Mar 2019 23:13

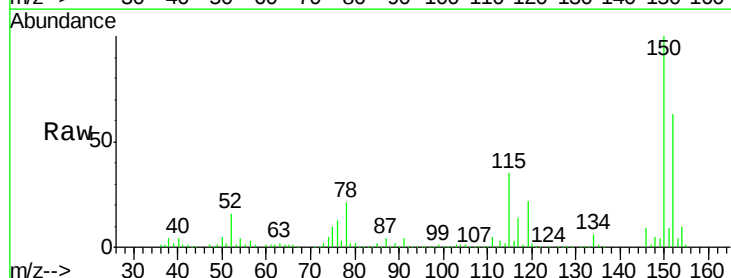
Tgt Ion:152 Resp: 148950

Ion Ratio Lower Upper

152 100

115 75.7 38.6 115.7

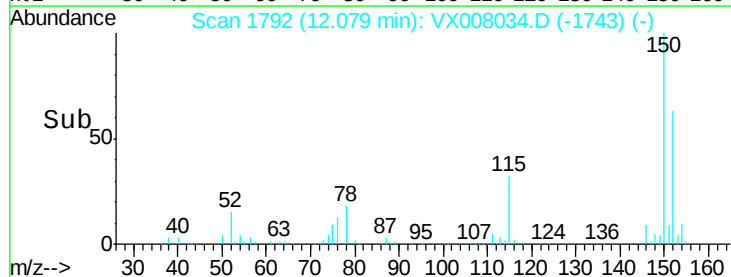
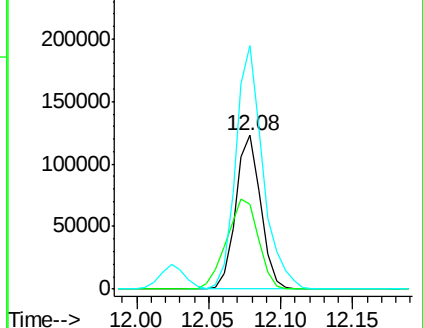
150 171.1 0.0 348.4

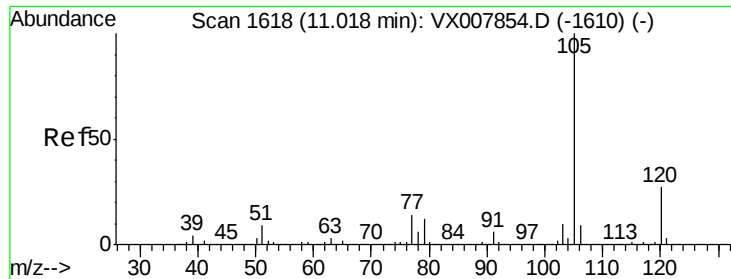


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.674 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

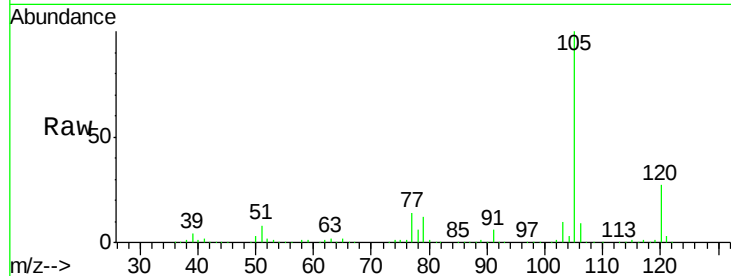
VSTDCCC050EC

Tot Ion:105 Resp: 500402

Ion Ratio Lower Upper

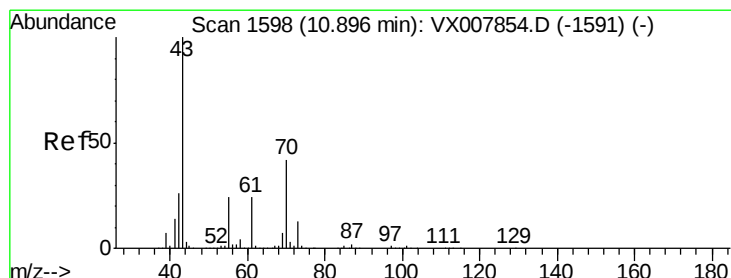
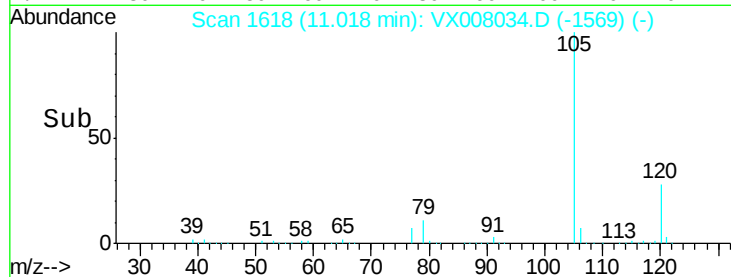
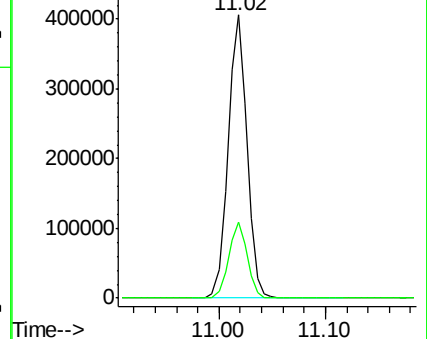
105 100

120 26.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.891 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Tgt Ion: 43 Resp: 211047

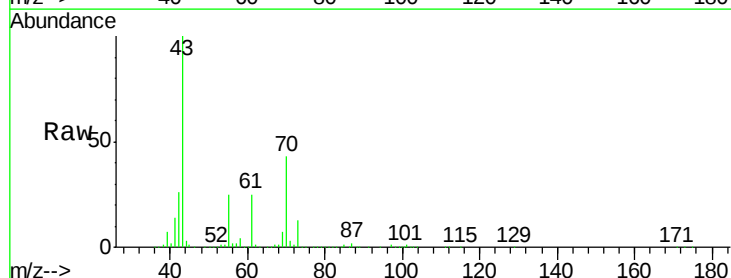
Ion Ratio Lower Upper

43 100

70 43.0 33.5 50.3

55 25.0 19.2 28.8

61 24.9 19.0 28.6

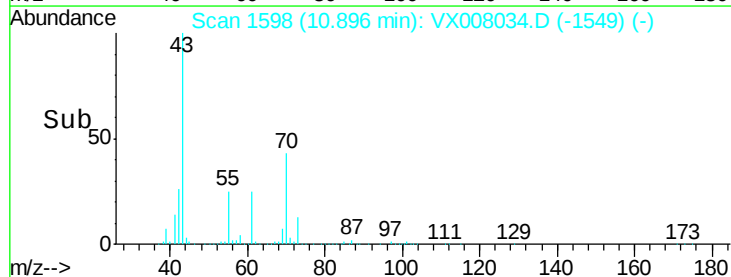
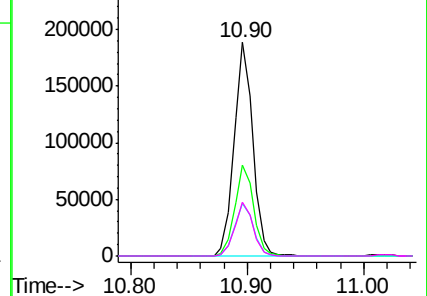


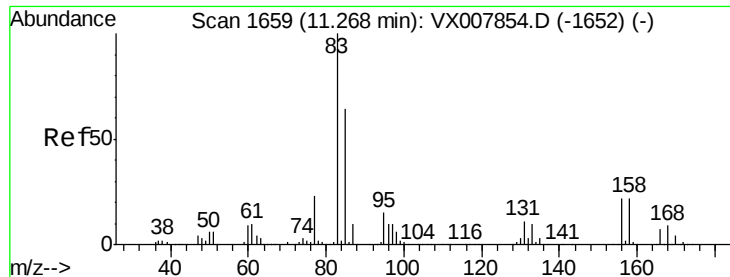
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.256 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

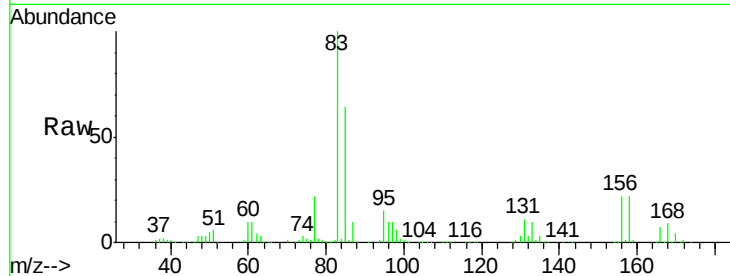
Tot Ion: 83 Resp: 160731

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

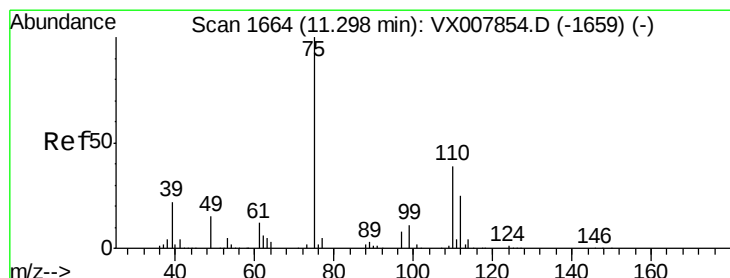
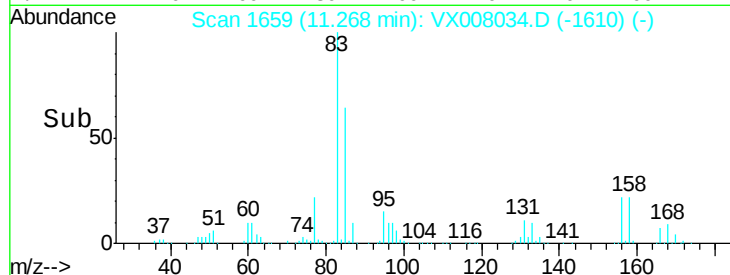
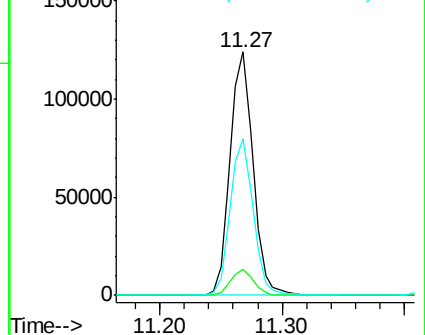
85 64.2 32.3 96.8



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: 59.459 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008034.D

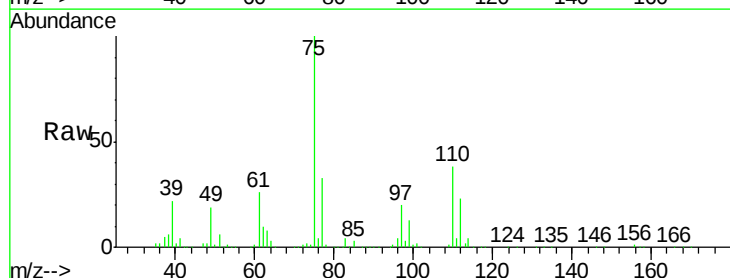
Acq: 12 Mar 2019 23:13

Tgt Ion: 75 Resp: 185845

Ion Ratio Lower Upper

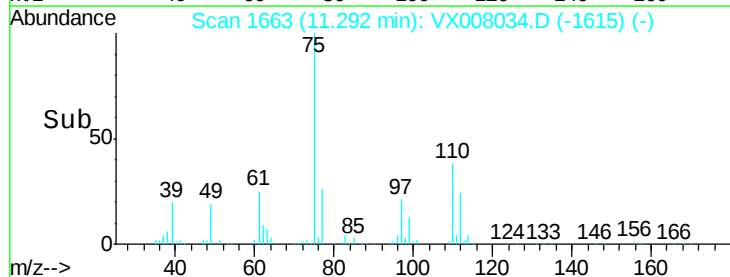
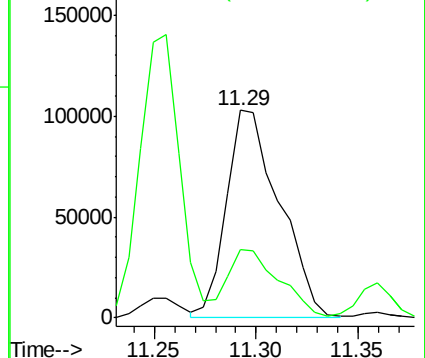
75 100

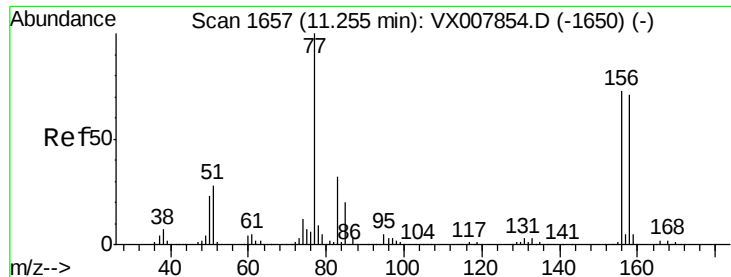
77 32.8 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.165 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

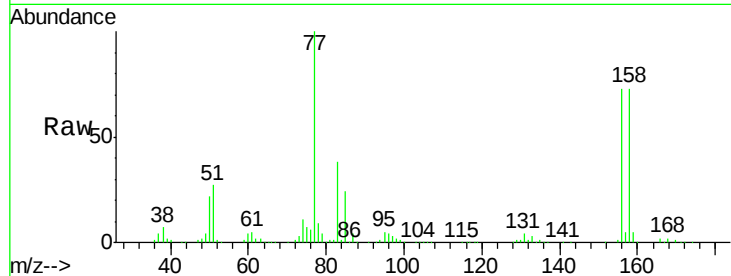
Tot Ion:156 Resp: 133026

Ion Ratio Lower Upper

156 100

77 141.6 72.0 215.9

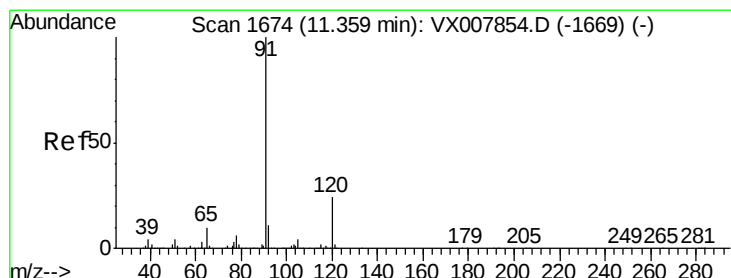
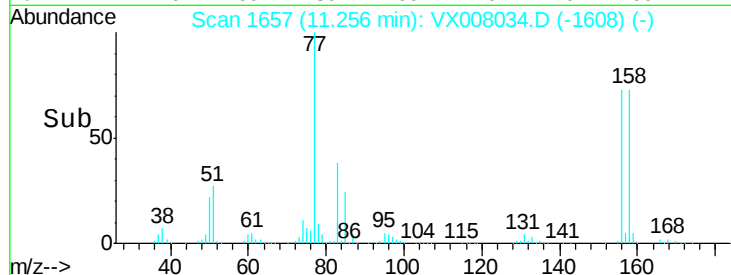
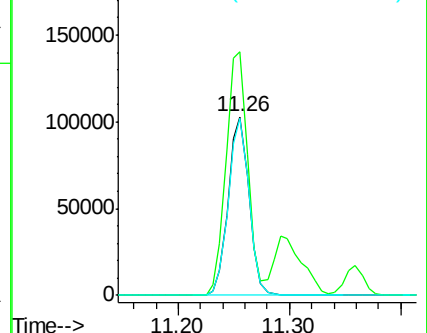
158 98.7 48.6 145.9



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: 49.439 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008034.D

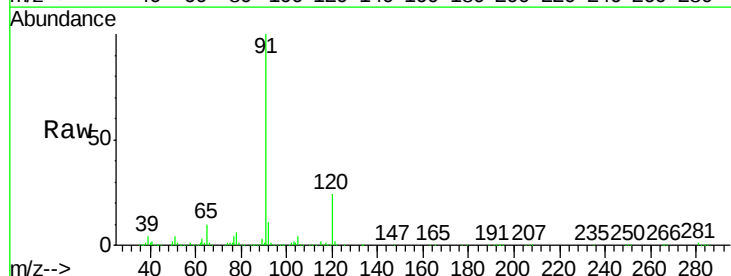
Acq: 12 Mar 2019 23:13

Tgt Ion: 91 Resp: 552512

Ion Ratio Lower Upper

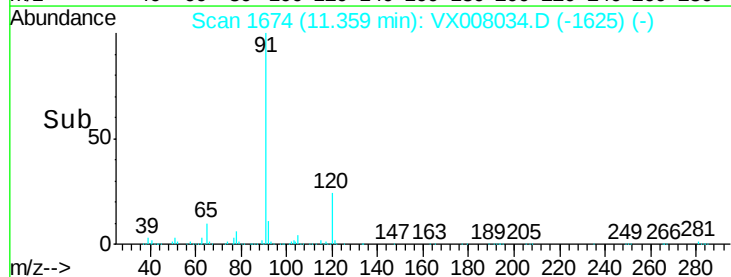
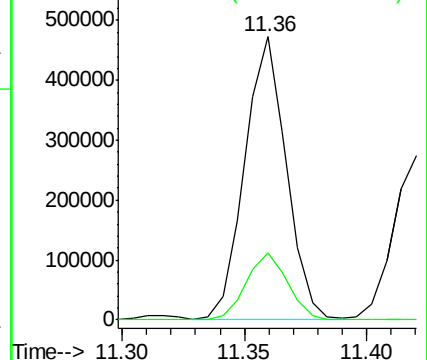
91 100

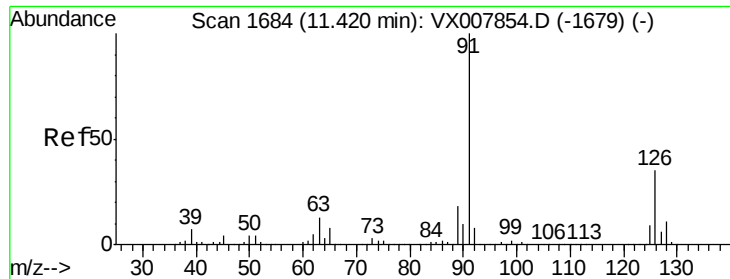
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

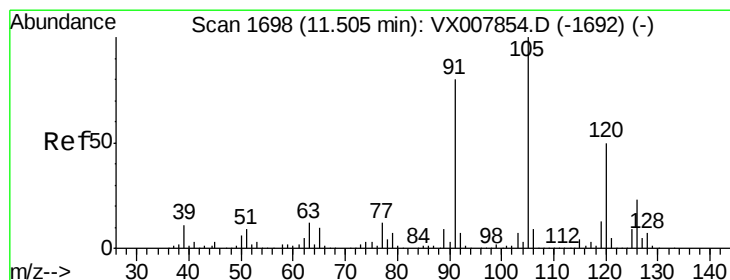
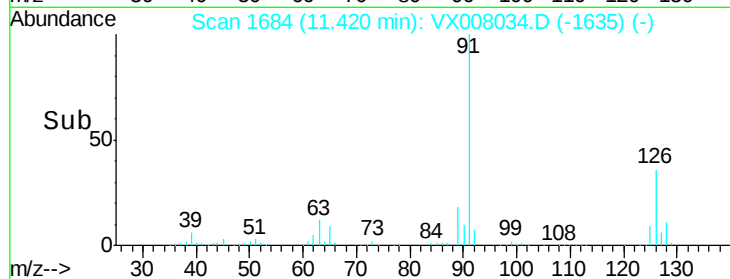
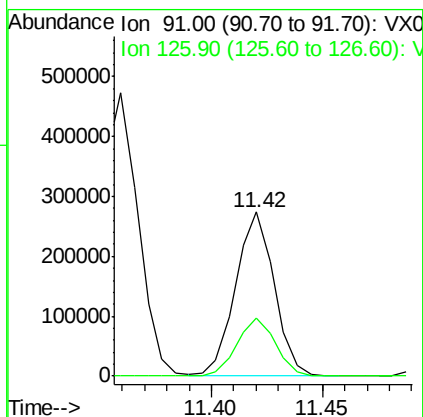
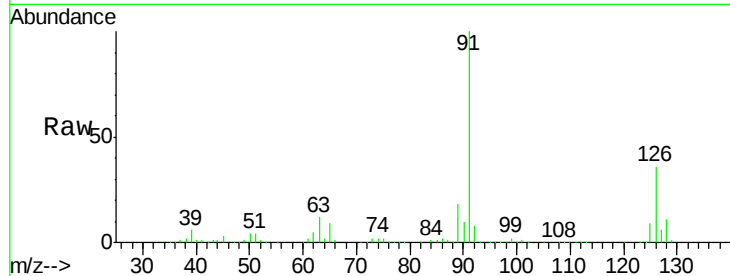




#79
 2-Chlorotoluene
 Concen: 48.296 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

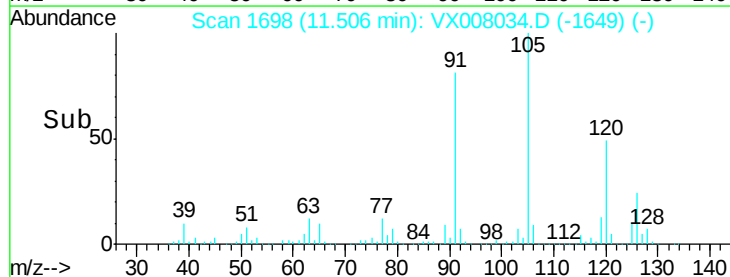
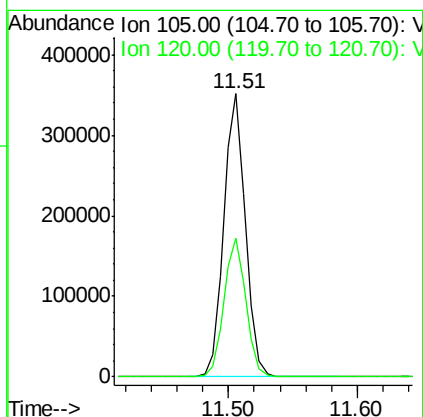
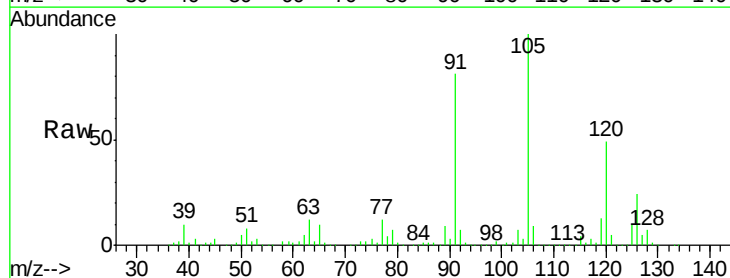
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

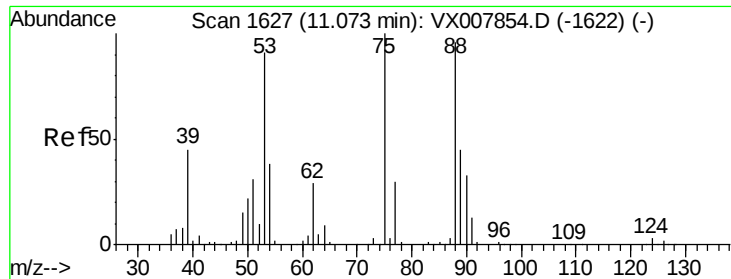
Tot Ion: 91 Resp: 330009
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.924 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

Tgt Ion: 105 Resp: 413934
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.703 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

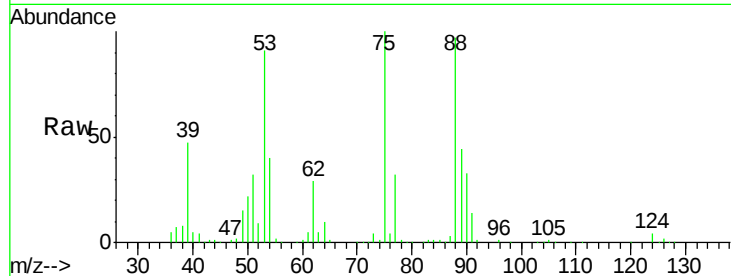
Tot Ion: 75 Resp: 46645

Ion Ratio Lower Upper

75 100

53 93.4 76.1 114.1

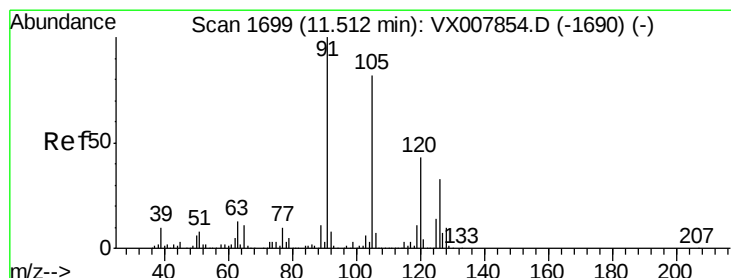
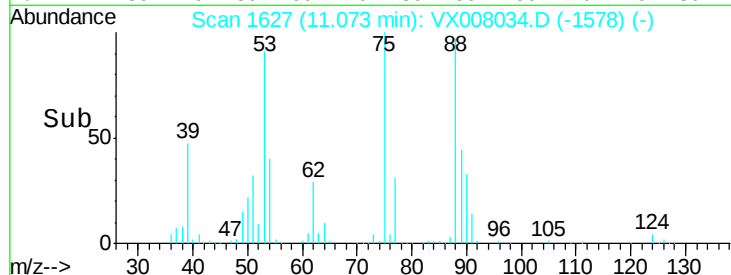
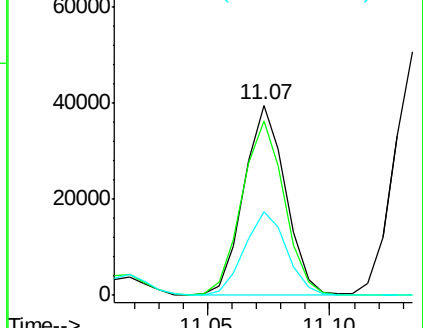
89 44.8 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.341 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008034.D

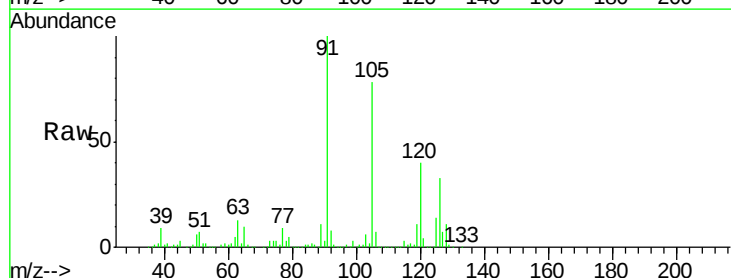
Acq: 12 Mar 2019 23:13

Tgt Ion: 91 Resp: 378542

Ion Ratio Lower Upper

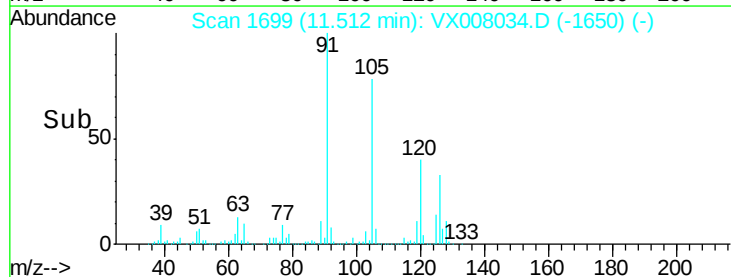
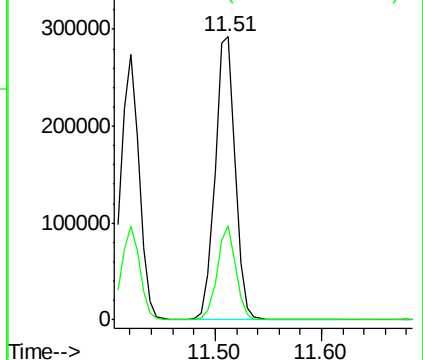
91 100

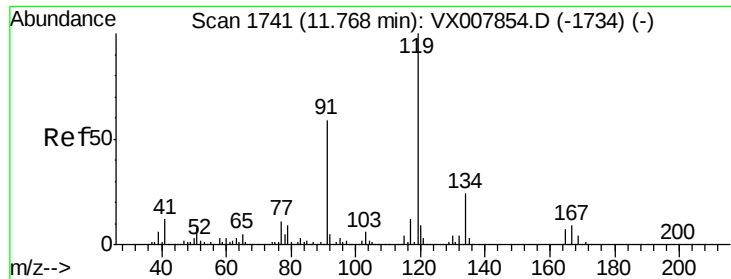
126 31.1 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

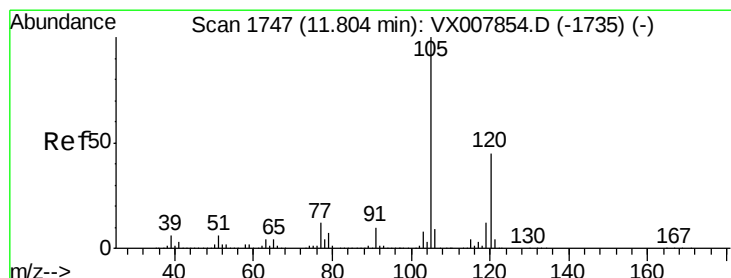
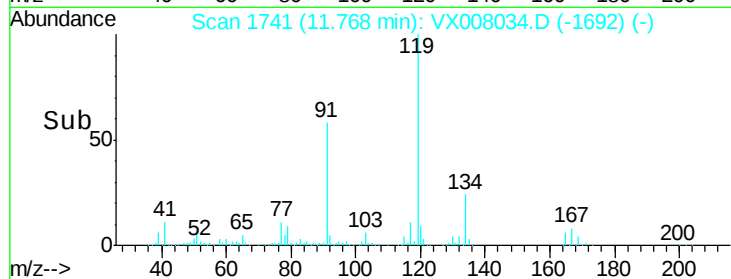
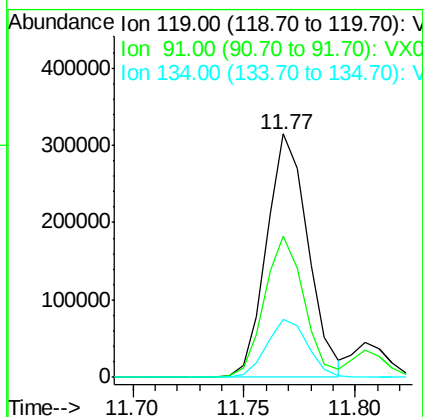
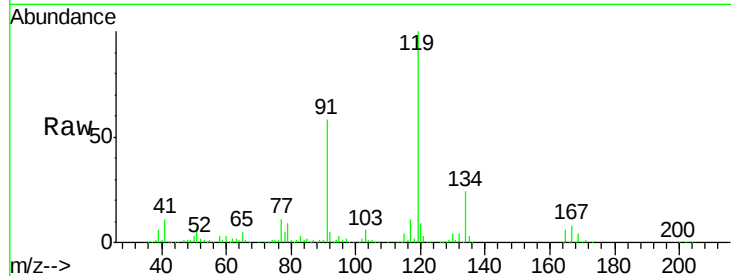




#83
 tert-Butylbenzene
 Concen: 48.763 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

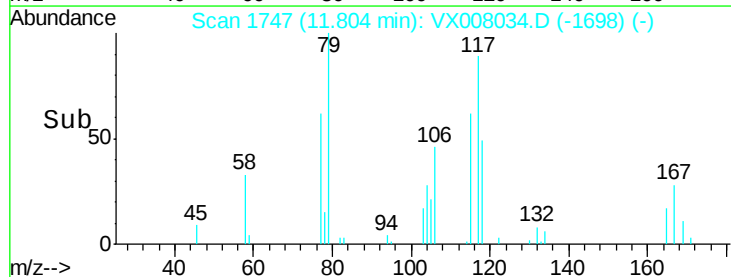
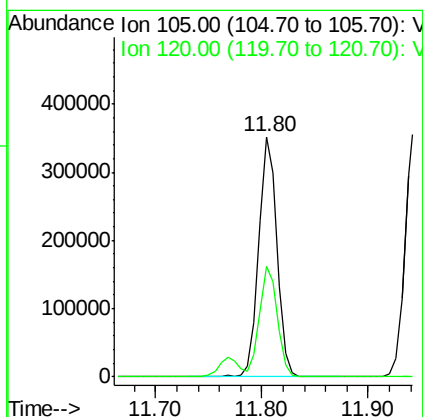
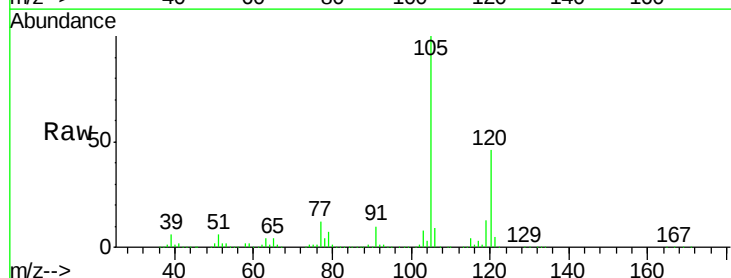
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

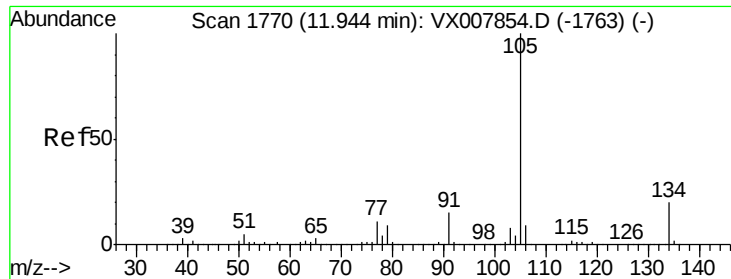
Tot Ion:119 Resp: 407256
 Ion Ratio Lower Upper
 119 100
 91 55.6 27.1 81.3
 134 23.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.903 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

Tgt Ion:105 Resp: 424156
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.7





#85

sec-Butylbenzene

Concen: 50.046 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

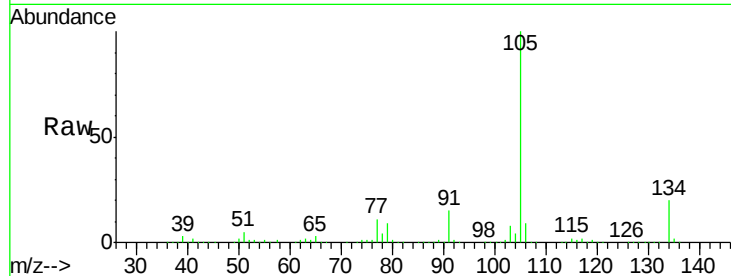
VSTDCCC050EC

Tot Ion:105 Resp: 492262

Ion Ratio Lower Upper

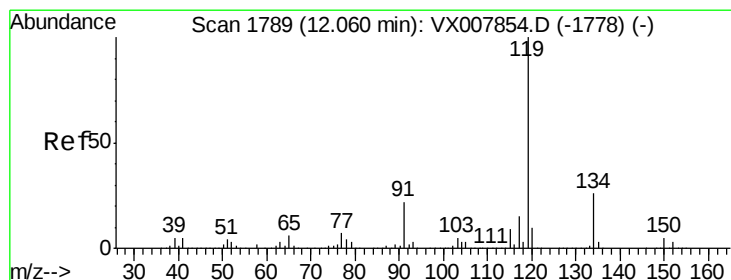
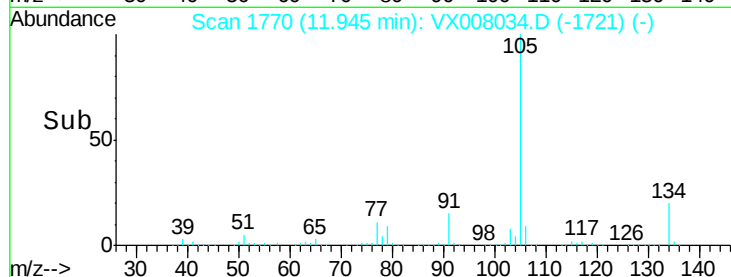
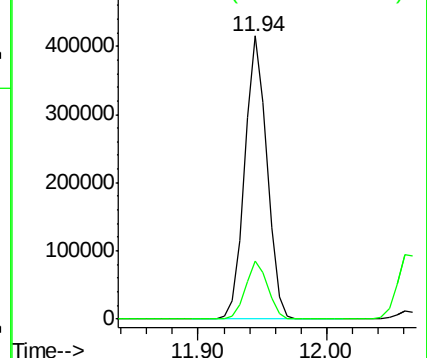
105 100

134 20.4 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.175 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

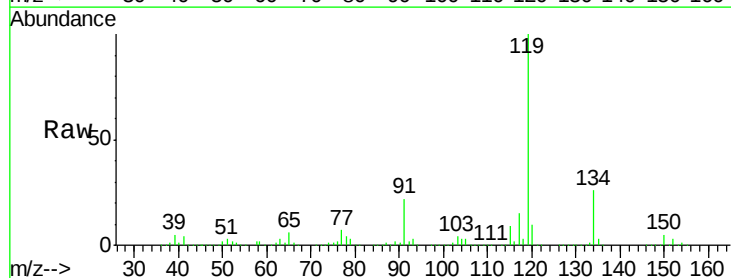
Tgt Ion:119 Resp: 441993

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

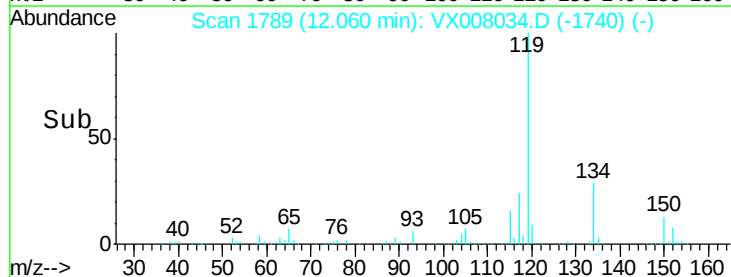
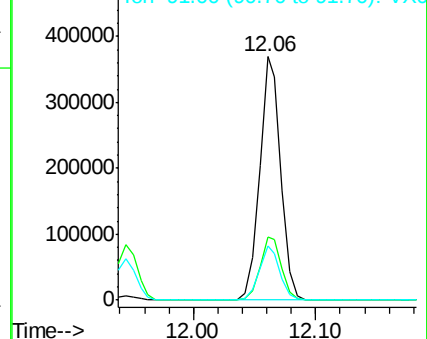
91 21.9 10.9 32.7

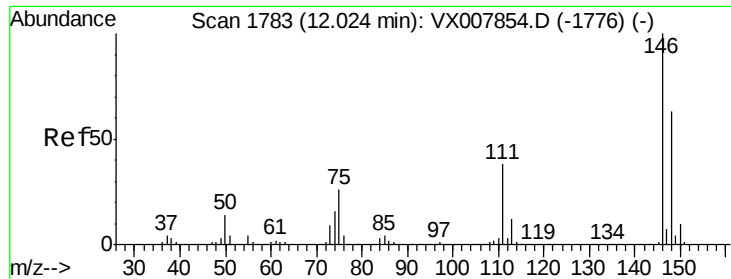


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

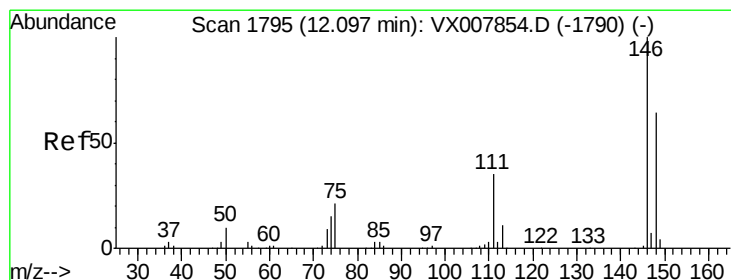
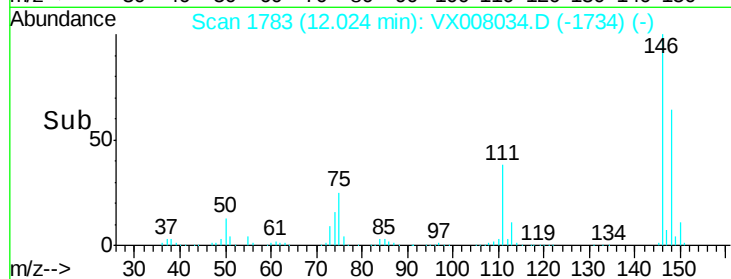
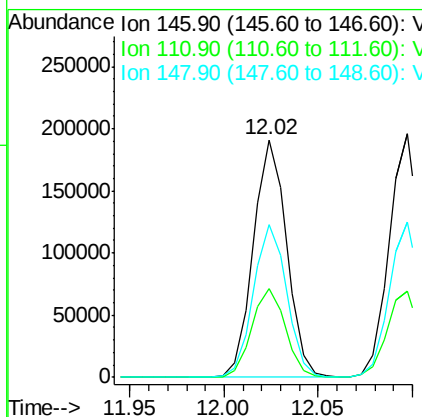
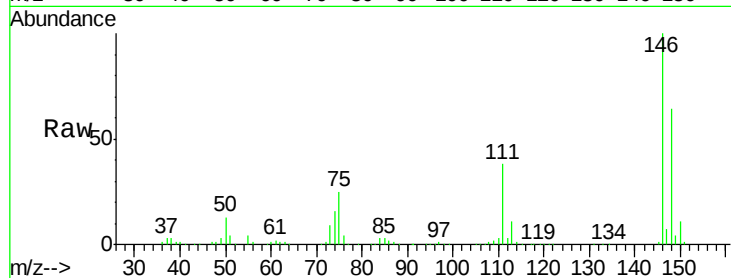




#87
 1,3-Dichlorobenzene
 Concen: 48.068 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

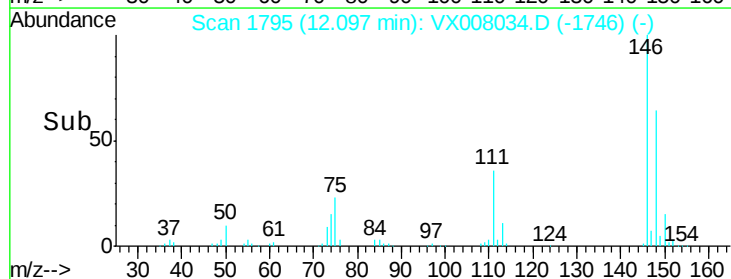
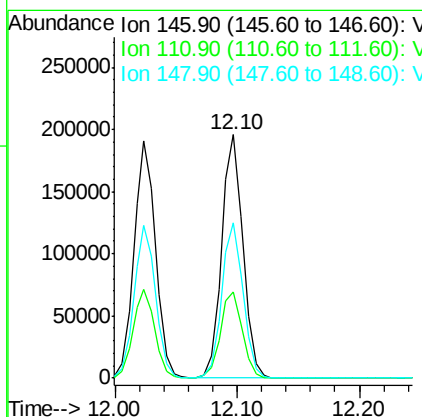
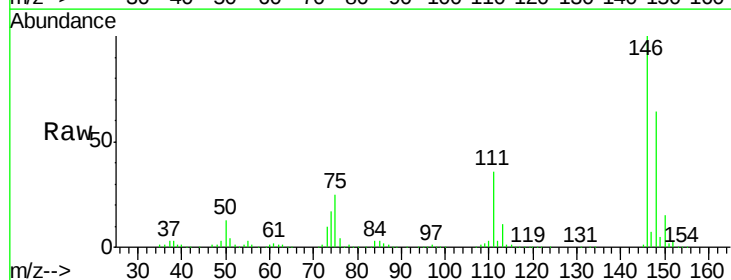
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

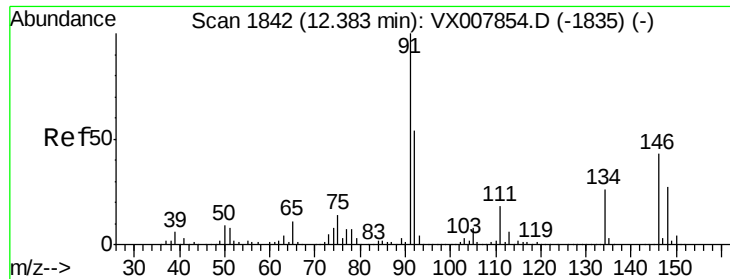
Tot Ion:146 Resp: 234867
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.7
 148 64.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 47.024 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

Tgt Ion:146 Resp: 235300
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.0
 148 64.3 32.2 96.6





#89

n-Butylbenzene

Concen: 49.487 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

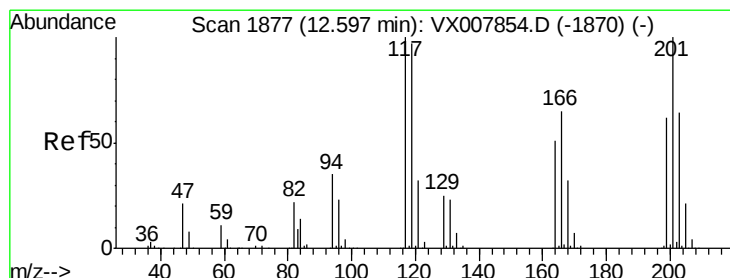
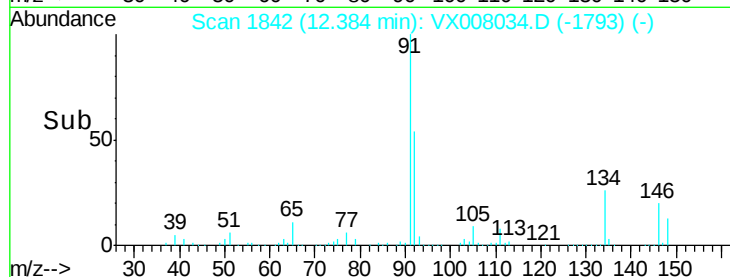
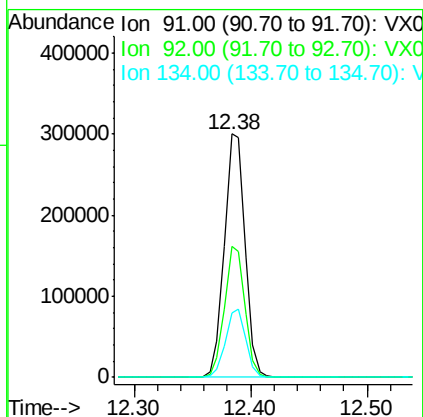
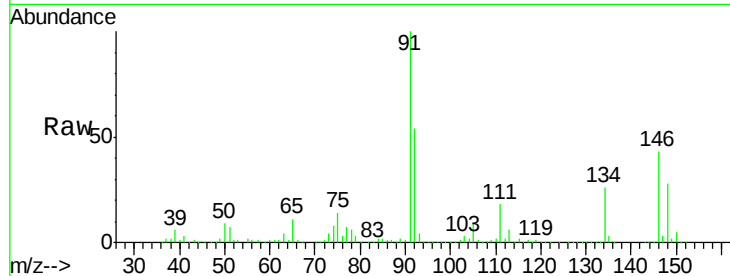
Tot Ion: 91 Resp: 369333

Ion Ratio Lower Upper

91 100

92 52.8 27.0 80.8

134 27.3 13.7 41.0



#90

Hexachloroethane

Concen: 48.495 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008034.D

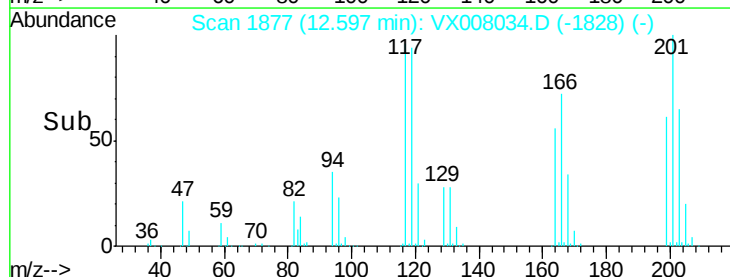
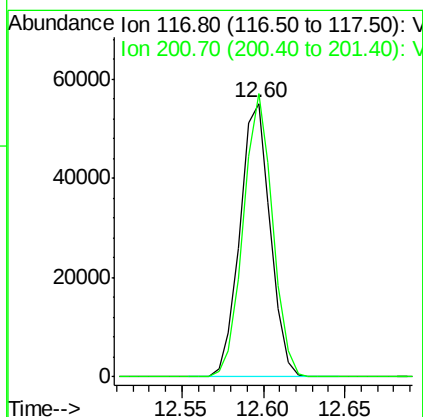
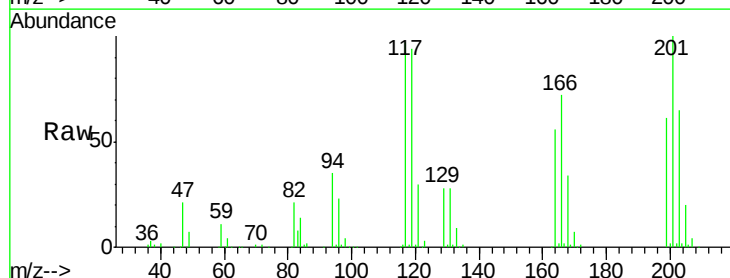
Acq: 12 Mar 2019 23:13

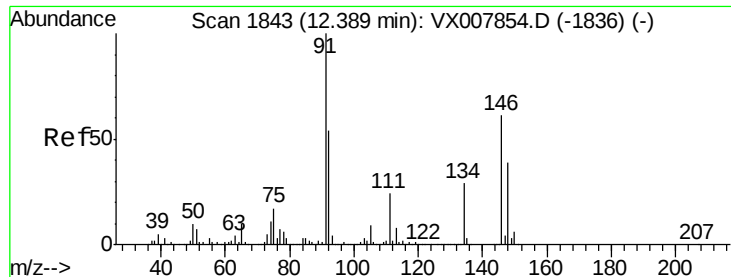
Tgt Ion: 117 Resp: 71425

Ion Ratio Lower Upper

117 100

201 100.1 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 47.405 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

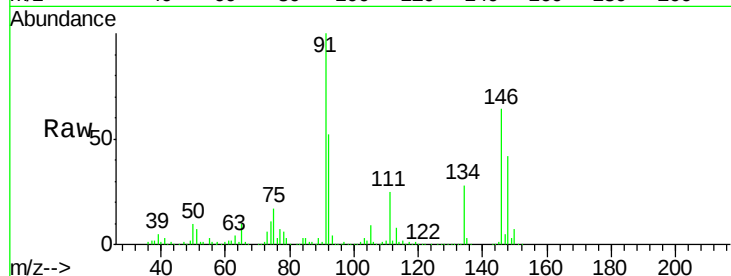
Tot Ion:146 Resp: 230103

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.8

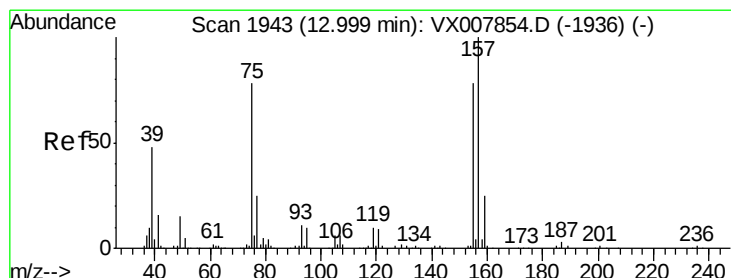
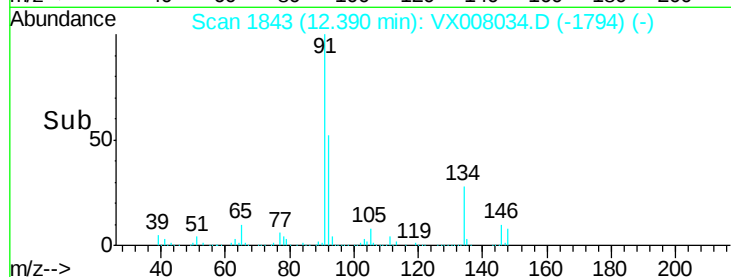
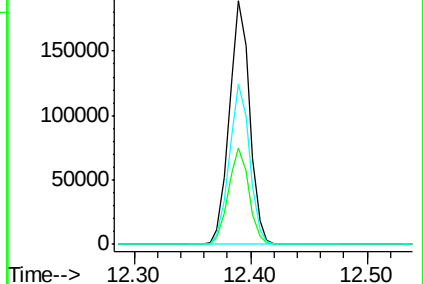
148 65.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.957 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

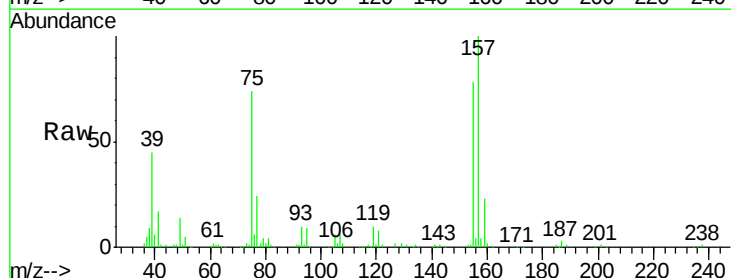
Tgt Ion: 75 Resp: 33374

Ion Ratio Lower Upper

75 100

155 101.7 49.7 149.1

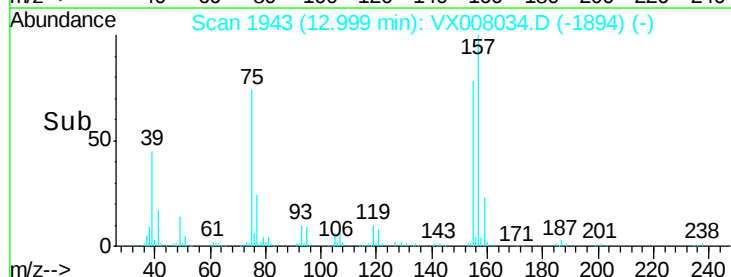
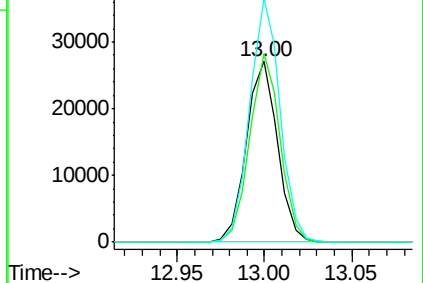
157 131.8 63.8 191.4

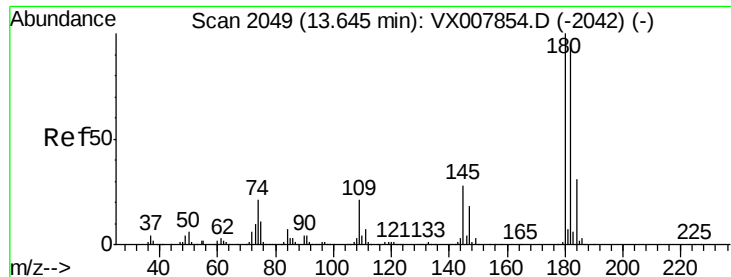


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

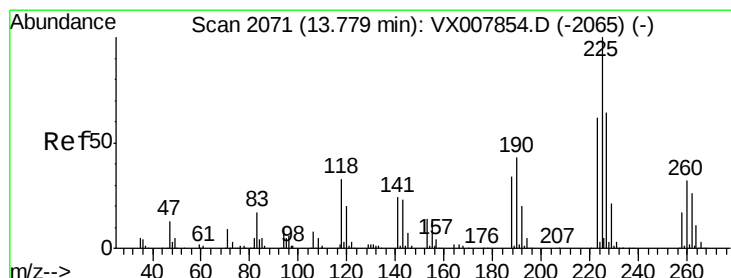
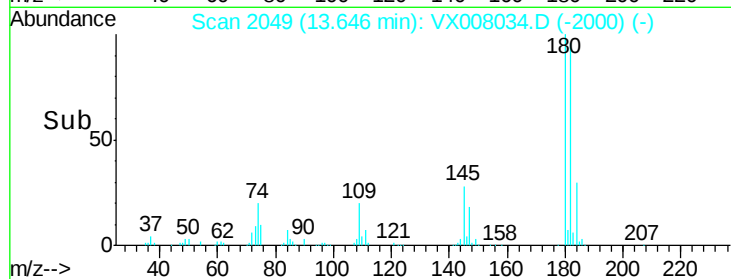
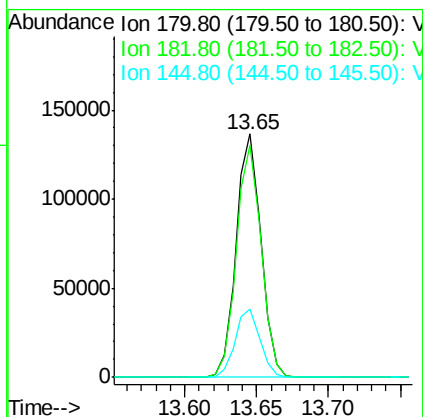
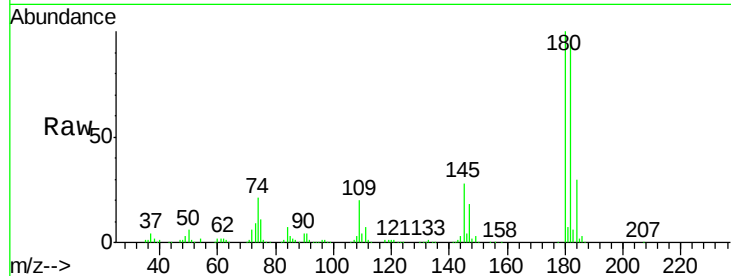




#93
 1,2,4-Trichlorobenzene
 Concen: 48.162 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

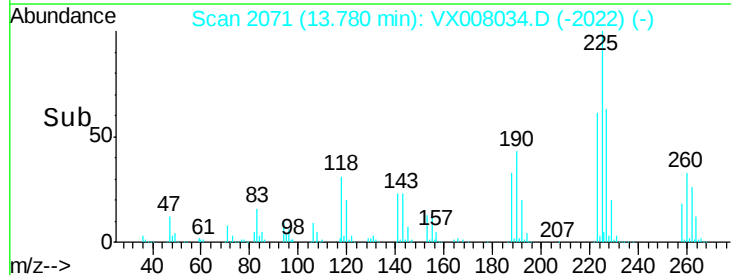
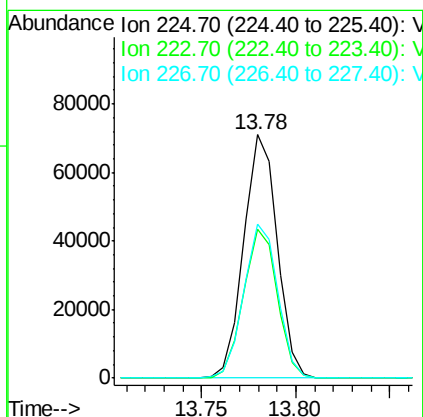
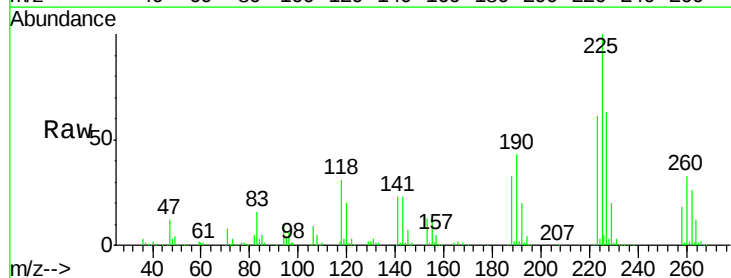
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

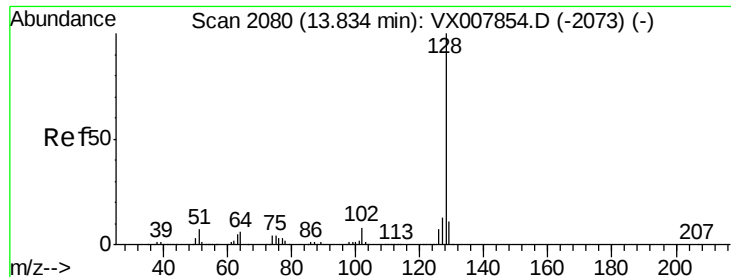
Tot Ion:180 Resp: 164227
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.7
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 49.162 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008034.D
 Acq: 12 Mar 2019 23:13

Tgt Ion:225 Resp: 87645
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.1 93.2
 227 64.1 32.0 96.0





#95

Naphthalene

Concen: 50.062 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

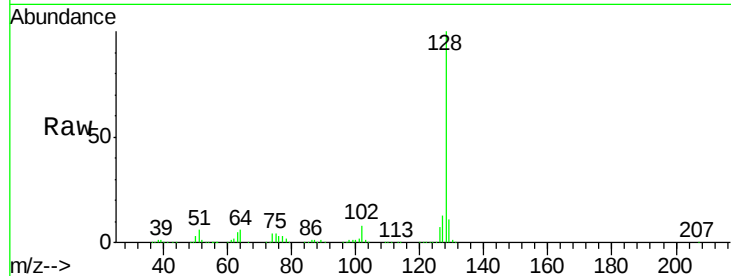
Tot Ion:128 Resp: 491866

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

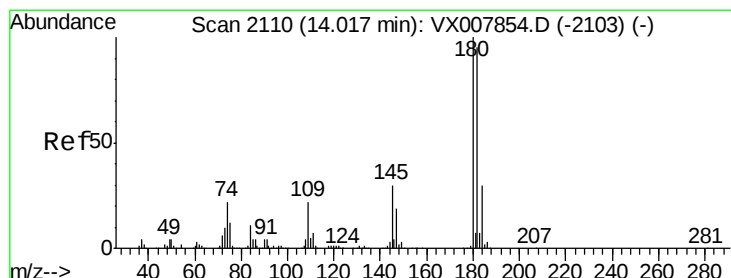
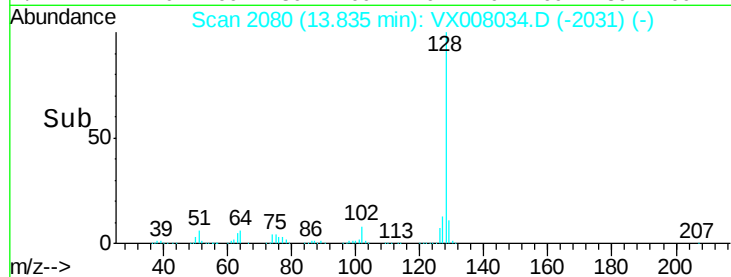
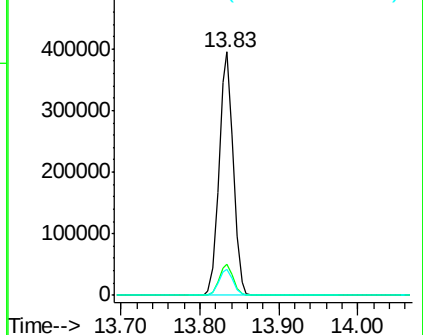
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.555 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008034.D

Acq: 12 Mar 2019 23:13

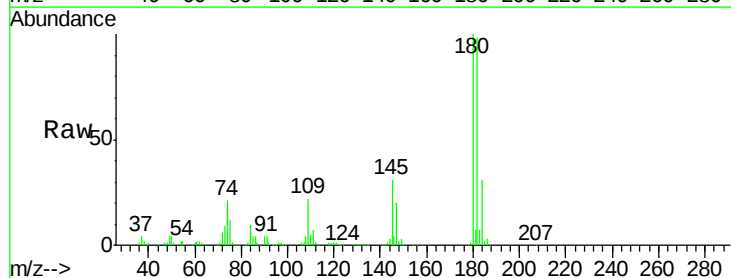
Tgt Ion:180 Resp: 164936

Ion Ratio Lower Upper

180 100

182 96.9 47.5 142.5

145 30.4 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

