

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX042919\
 Data File : VX009203.D
 Acq On : 29 Apr 2019 12:57
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 30 06:44:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 06:38:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	196174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140856	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134680	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
35) Dibromofluoromethane	5.49	113	100314	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	8.71	98	411505	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	148924	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	88834	40.828	ug/l	100
3) Chloromethane	1.32	50	119023	43.432	ug/l	100
4) Vinyl Chloride	1.41	62	118232	44.442	ug/l	100
5) Bromomethane	1.64	94	67793	39.098	ug/l	100
6) Chloroethane	1.71	64	74387	47.116	ug/l	100
7) Trichlorofluoromethane	1.92	101	142757	45.681	ug/l	100
8) Diethyl Ether	2.18	74	66143	45.998	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89914	44.910	ug/l	100
10) Methyl Iodide	2.51	142	99860	50.397	ug/l	100
11) Tert butyl alcohol	3.05	59	151117	244.694	ug/l	100
12) 1,1-Dichloroethene	2.37	96	91616	44.001	ug/l	100
13) Acrolein	2.29	56	135110	253.974	ug/l	100
14) Allyl chloride	2.73	41	216523	47.447	ug/l	100
15) Acrylonitrile	3.14	53	361326	233.006	ug/l	100
16) Acetone	2.45	43	342952	239.830	ug/l	100
17) Carbon Disulfide	2.57	76	259007	40.377	ug/l	100
18) Methyl Acetate	2.78	43	160244	44.819	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	349003	46.736	ug/l	100
20) Methylene Chloride	2.85	84	110152	44.928	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	98051	44.109	ug/l	100
22) Diisopropyl ether	3.85	45	420457	47.217	ug/l	100
23) Vinyl Acetate	3.81	43	1862022	239.189	ug/l	100
24) 1,1-Dichloroethane	3.70	63	204694	45.892	ug/l	100
25) 2-Butanone	4.67	43	548583	240.365	ug/l	100
26) 2,2-Dichloropropane	4.58	77	155791	46.572	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	114820	45.317	ug/l	100
28) Bromochloromethane	5.01	49	96397	45.979	ug/l	100
29) Tetrahydrofuran	5.13	42	354219	232.115	ug/l	100
30) Chloroform	5.21	83	185878	46.541	ug/l	100
31) Cyclohexane	5.58	56	197040	45.166	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	155431	47.016	ug/l	100
36) 1,1-Dichloropropene	5.80	75	143242	44.142	ug/l	100
37) Ethyl Acetate	4.83	43	200424	47.981	ug/l	100
38) Carbon Tetrachloride	5.78	117	130900	47.362	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178985	45.357	ug/l	100
40) Benzene	6.14	78	444807	46.313	ug/l	100
41) Methacrylonitrile	5.04	41	116200	48.216	ug/l	100
42) 1,2-Dichloroethane	6.19	62	156133	45.881	ug/l	100
43) Isopropyl Acetate	6.45	43	322309	47.709	ug/l	100
44) Trichloroethene	7.21	130	105826	45.030	ug/l	100
45) 1,2-Dichloropropane	7.51	63	126342	47.340	ug/l	100
46) Dibromomethane	7.66	93	71745	46.244	ug/l	100
47) Bromodichloromethane	7.90	83	146330	47.981	ug/l	100
48) Methyl methacrylate	7.77	41	160707	48.153	ug/l	100
49) 1,4-Dioxane	7.74	88	62908	985.681	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1053270	243.811	ug/l	100
52) Toluene	8.79	92	270028	46.806	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	170258	48.769	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	189294	48.252	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	110079	48.013	ug/l	100
56) Ethyl methacrylate	9.18	69	201410	49.055	ug/l	100
57) 1,3-Dichloropropane	9.37	76	192025	47.188	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	551198	248.546	ug/l	100
59) 2-Hexanone	9.49	43	837672	250.204	ug/l	100
60) Dibromochloromethane	9.58	129	110669	50.371	ug/l	100
61) 1,2-Dibromoethane	9.67	107	112327	47.670	ug/l	100
64) Tetrachloroethene	9.34	164	94723	44.243	ug/l	100
65) Chlorobenzene	10.13	112	279646	46.542	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	101458	47.966	ug/l	100
67) Ethyl Benzene	10.25	91	518065	47.221	ug/l	100
68) m/p-Xylenes	10.36	106	382882	95.751	ug/l	100
69) o-Xylene	10.70	106	185224	47.606	ug/l	100
70) Styrene	10.71	104	330464	48.905	ug/l	100
71) Bromoform	10.85	173	84213	49.868	ug/l #	100
73) Isopropylbenzene	11.02	105	498688	47.002	ug/l	100
74) N-amyl acetate	10.90	43	299349	48.880	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	184730	47.374	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	219640	64.110	ug/l	81
77) Bromobenzene	11.26	156	121936	45.534	ug/l	100
78) n-propylbenzene	11.36	91	575894	47.387	ug/l	100
79) 2-Chlorotoluene	11.42	91	339787	46.277	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	419429	47.076	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64594	48.871	ug/l	100
82) 4-Chlorotoluene	11.51	91	393988	46.239	ug/l	100
83) tert-Butylbenzene	11.77	119	405066	47.205	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	424315	46.752	ug/l	100
85) sec-Butylbenzene	11.94	105	487003	47.689	ug/l	100
86) p-Isopropyltoluene	12.06	119	444248	47.350	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	219918	46.734	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	220181	46.132	ug/l	100
89) n-Butylbenzene	12.38	91	406308	46.772	ug/l	100
90) Hexachloroethane	12.60	117	76109	49.123	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	223019	47.753	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43245	48.477	ug/l	100

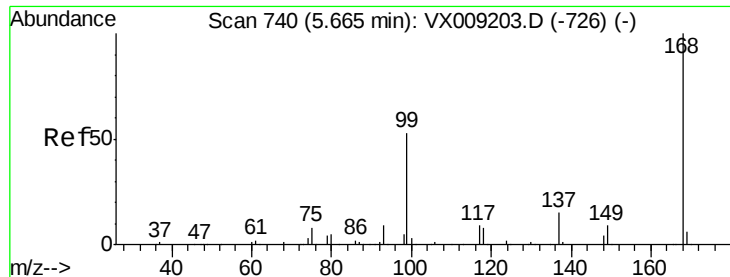
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	158242	47.190	ug/l	100
94) Hexachlorobutadiene	13.78	225	79128	47.288	ug/l	100
95) Naphthalene	13.83	128	519820	48.213	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	158669	47.739	ug/l	100

(#) = 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: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

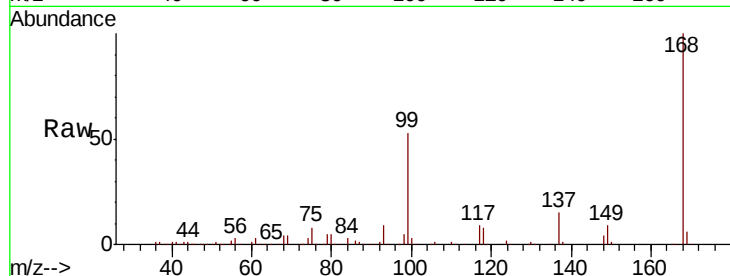
VSTDICCC050

Tgt Ion:168 Resp: 196174

Ion Ratio Lower Upper

168 100

99 52.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

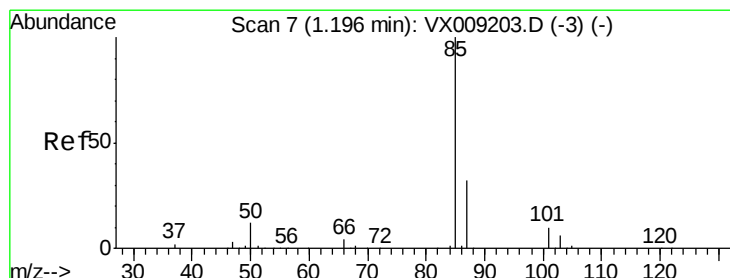
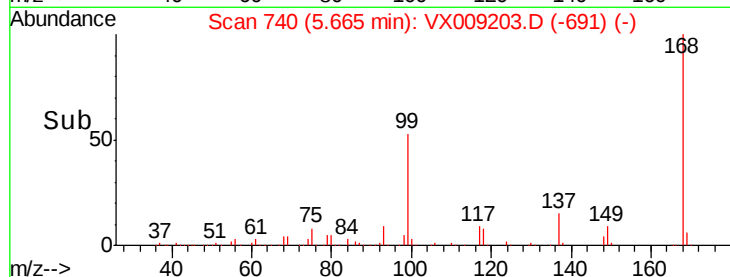
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 40.828 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009203.D

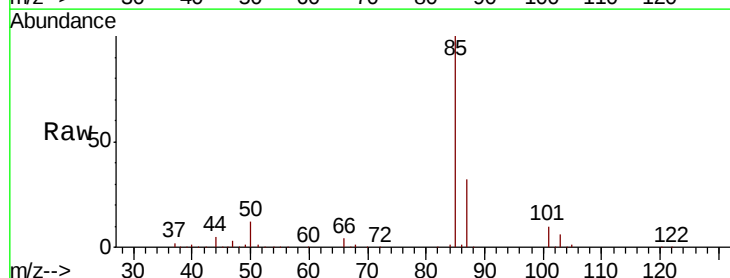
Acq: 29 Apr 2019 12:57

Tgt Ion: 85 Resp: 88834

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

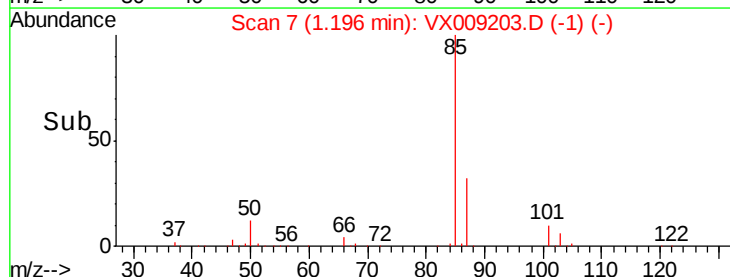
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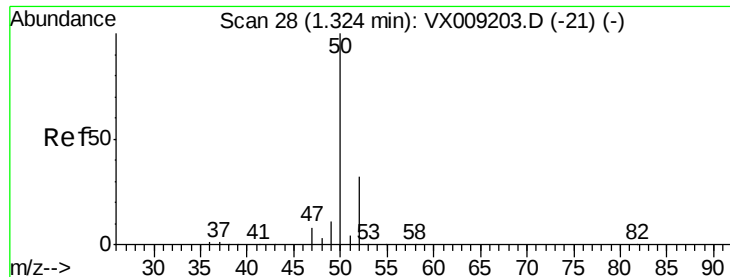
20000

0

1.15 1.20 1.25 1.30

Time-->

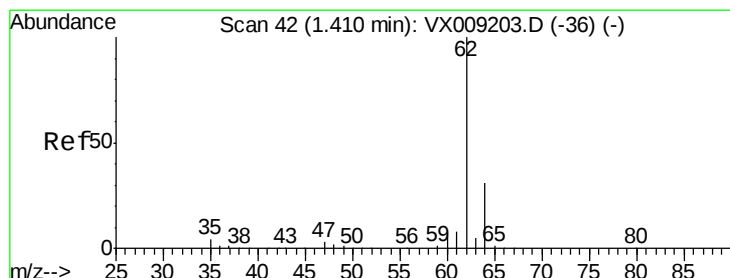
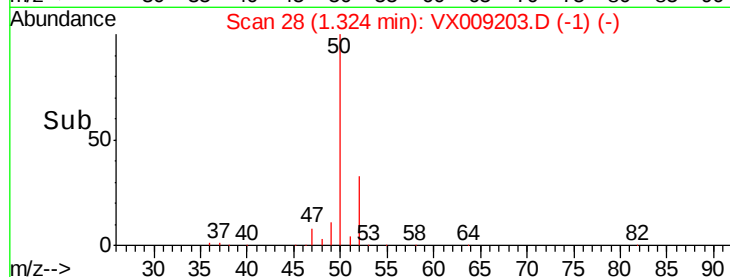
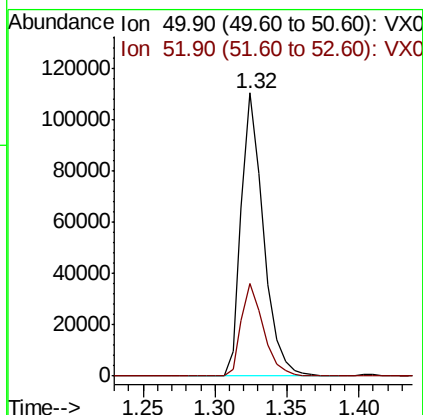
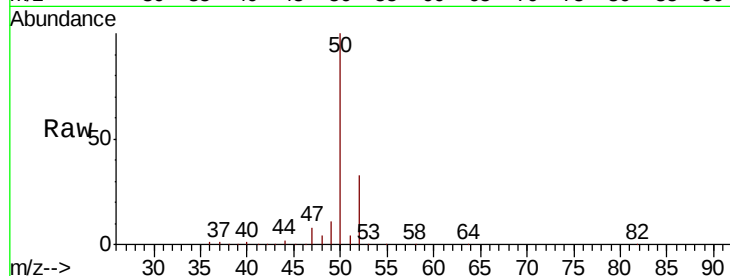




#3
Chloromethane
Concen: 43.432 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

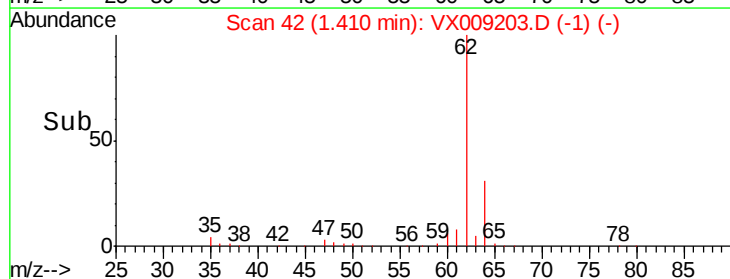
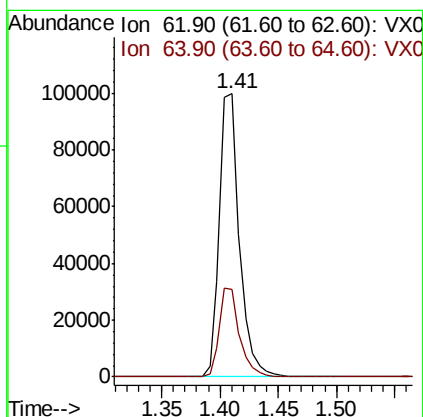
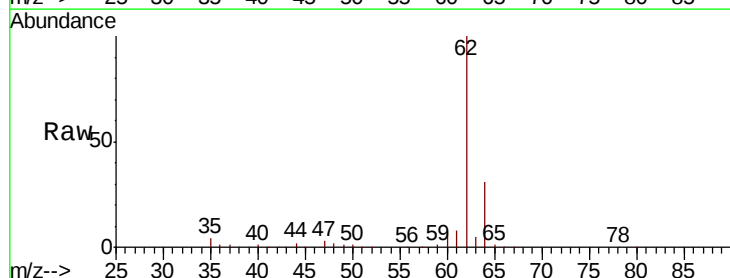
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 119023
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9



#4
Vinyl Chloride
Concen: 44.442 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion: 62 Resp: 118232
Ion Ratio Lower Upper
62 100
64 30.7 24.6 36.8





#5

Bromomethane

Concen: 39.098 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

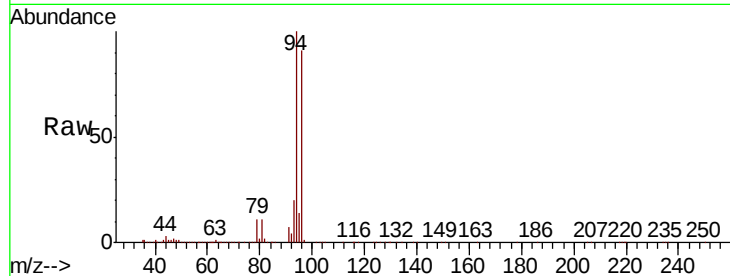
VSTDICCC050

Tgt Ion: 94 Resp: 67793

Ion Ratio Lower Upper

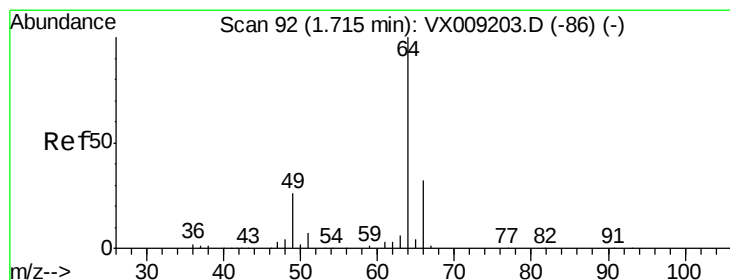
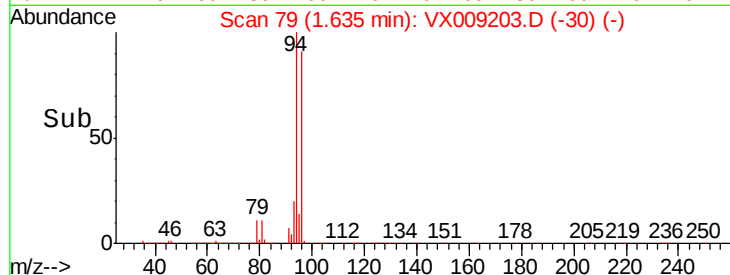
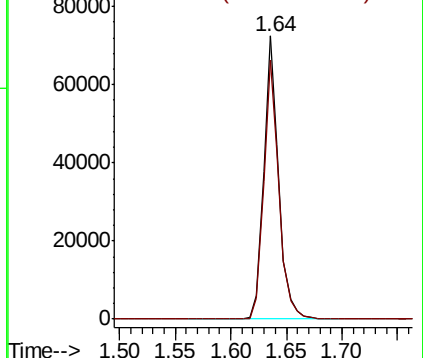
94 100

96 91.3 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.116 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009203.D

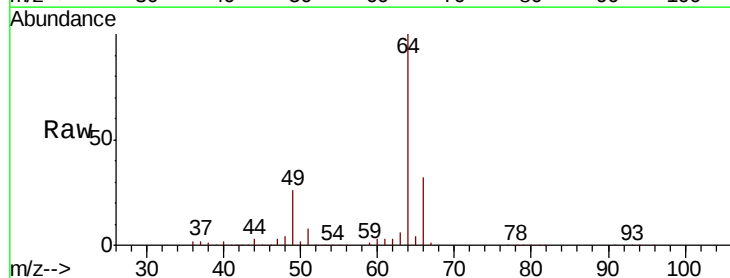
Acq: 29 Apr 2019 12:57

Tgt Ion: 64 Resp: 74387

Ion Ratio Lower Upper

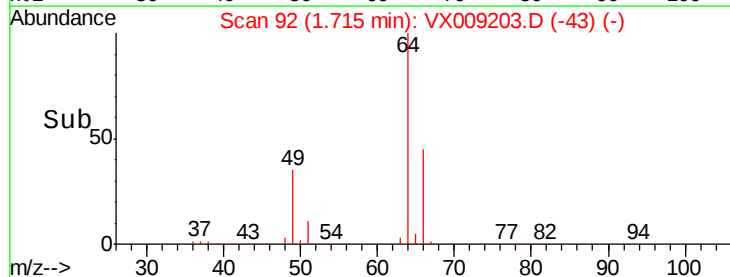
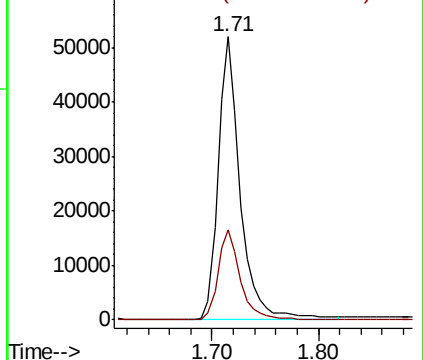
64 100

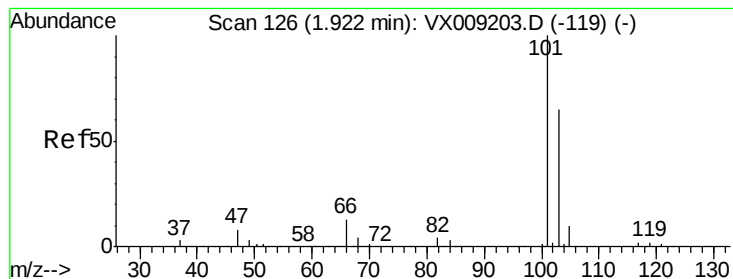
66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



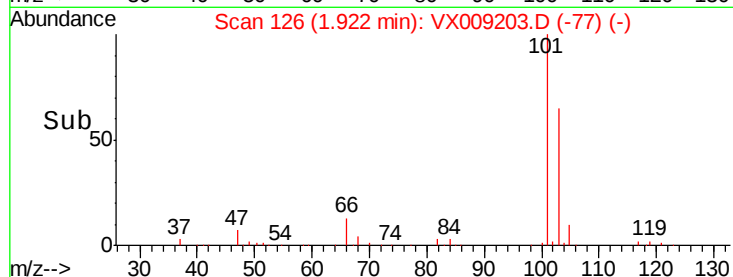
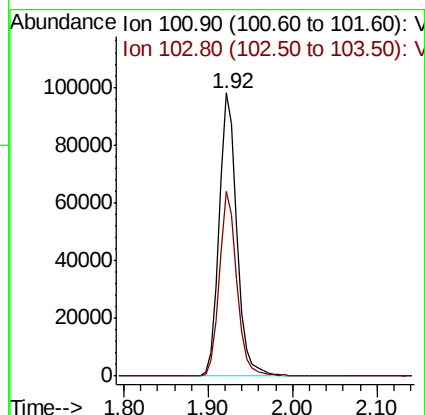
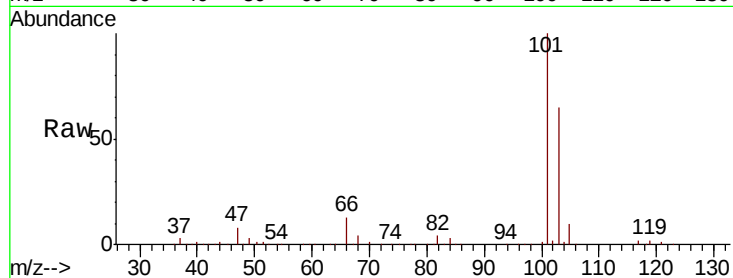


#7

Trichlorofluoromethane
 Concen: 45.681 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

Instrument :
 MSVOA_X
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 VSTDICCC050

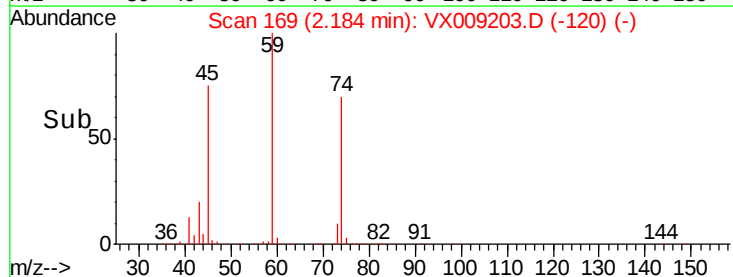
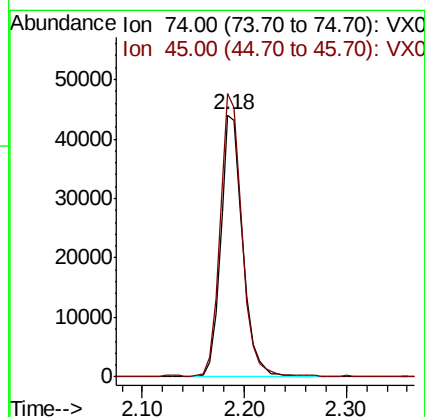
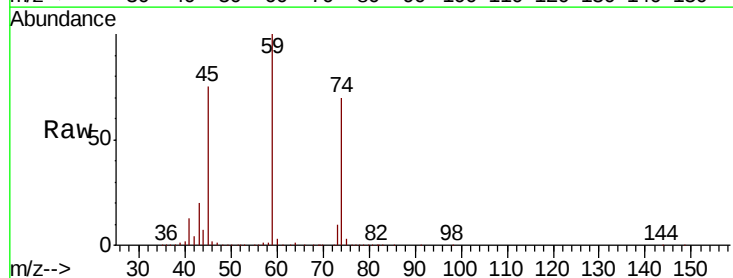
Tgt Ion: 101 Resp: 142757
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.4 78.6



#8

Diethyl Ether
 Concen: 45.998 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

Tgt Ion: 74 Resp: 66143
 Ion Ratio Lower Upper
 74 100
 45 106.6 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.910 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

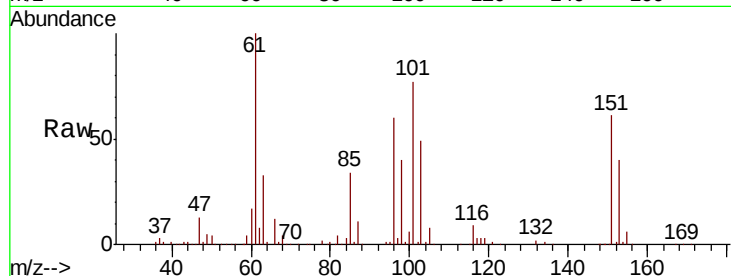
Tgt Ion:101 Resp: 89914

Ion Ratio Lower Upper

101 100

85 44.6 35.7 53.5

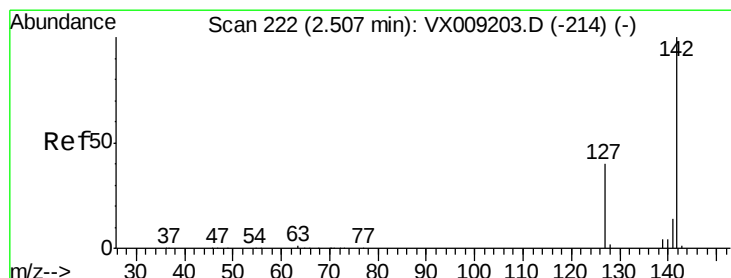
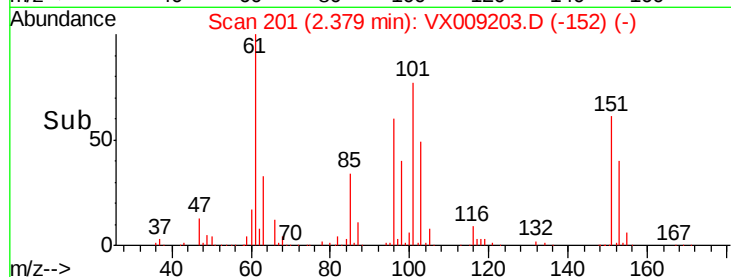
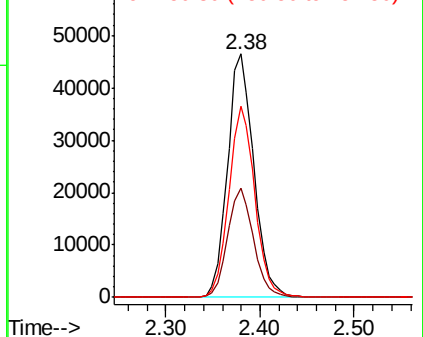
151 77.7 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.397 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

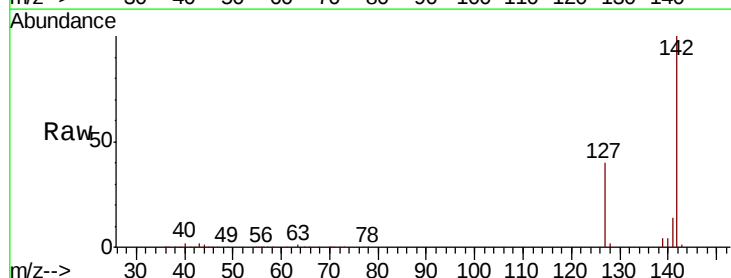
Tgt Ion:142 Resp: 99860

Ion Ratio Lower Upper

142 100

127 40.9 32.7 49.1

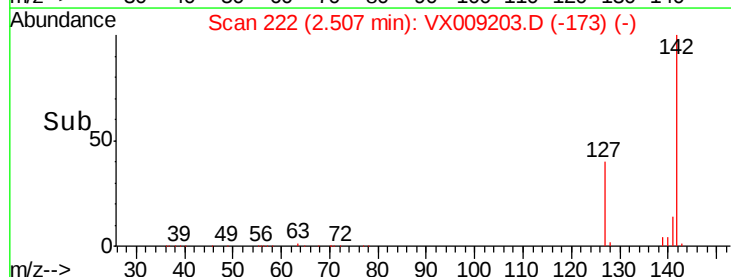
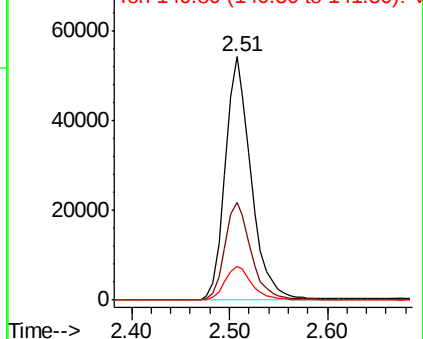
141 14.4 11.5 17.3

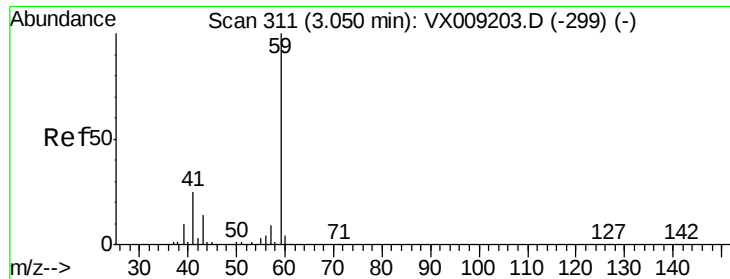


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

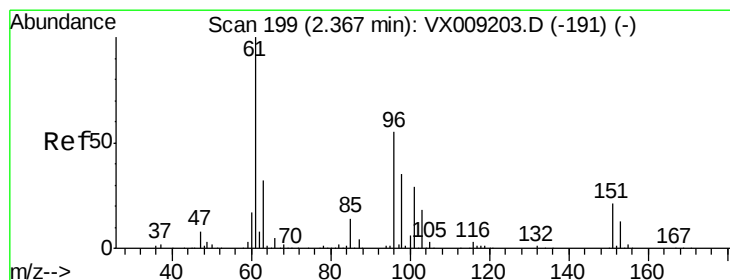
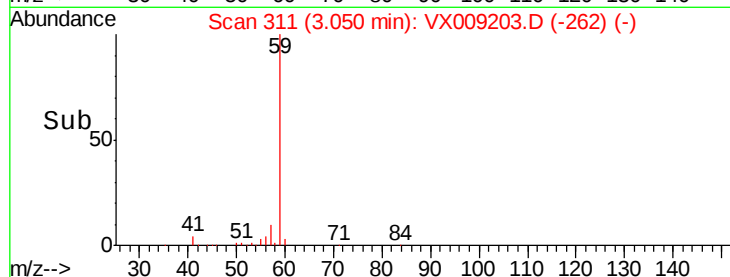
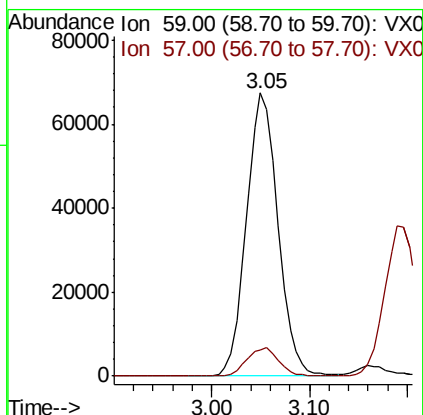
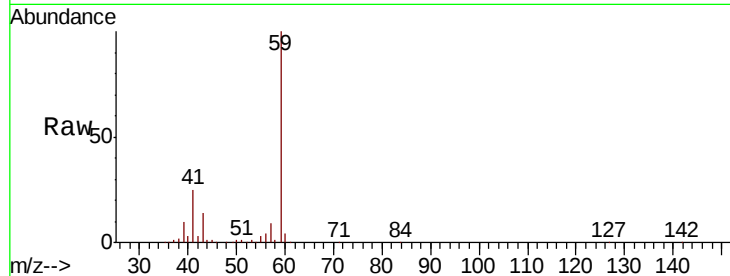




#11
Tert butyl alcohol
Concen: 244.694 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

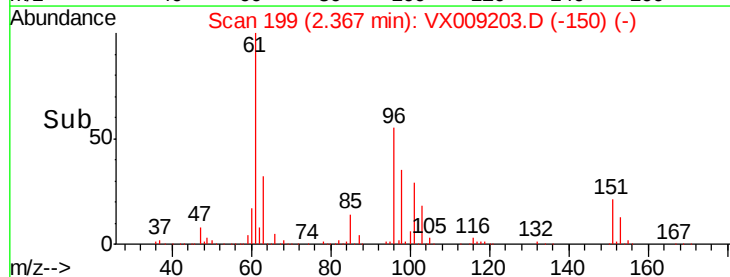
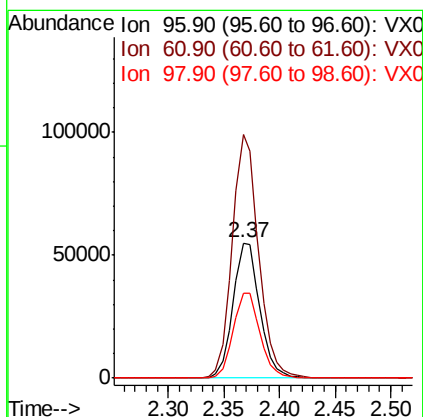
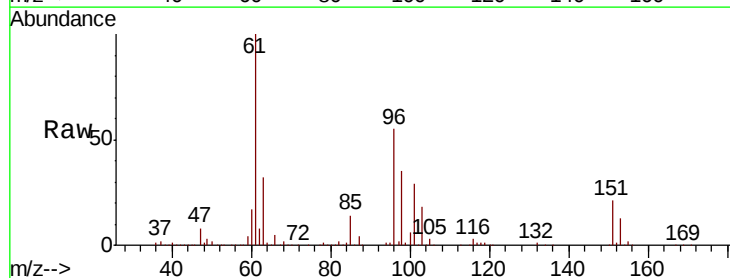
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

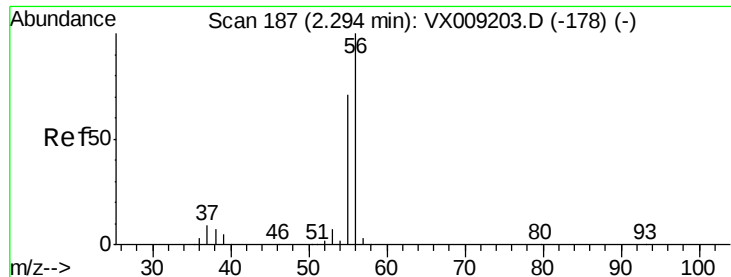
Tgt Ion: 59 Resp: 151117
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.001 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion: 96 Resp: 91616
Ion Ratio Lower Upper
96 100
61 180.4 144.3 216.5
98 62.9 50.3 75.5





#13

Acrolein

Concen: 253.974 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

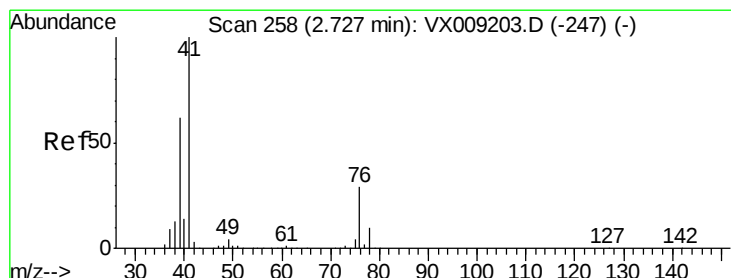
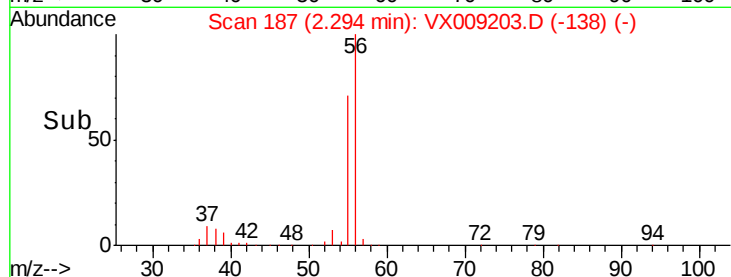
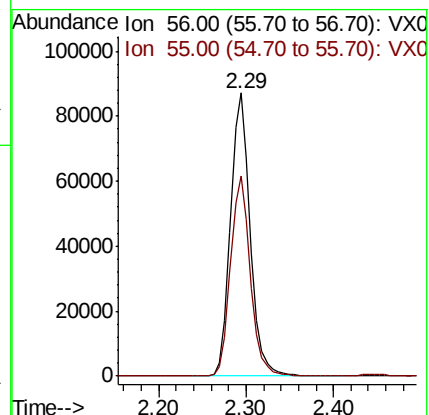
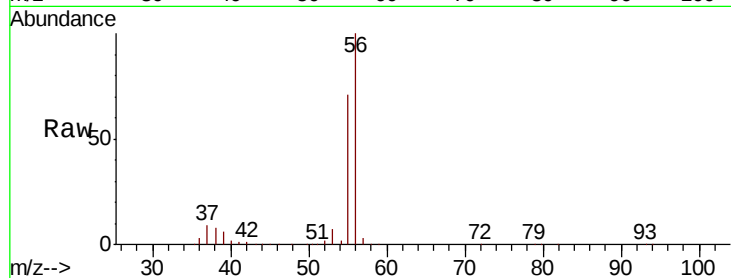
VSTDICCC050

Tgt Ion: 56 Resp: 135110

Ion Ratio Lower Upper

56 100

55 70.8 56.6 85.0



#14

Allyl chloride

Concen: 47.447 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

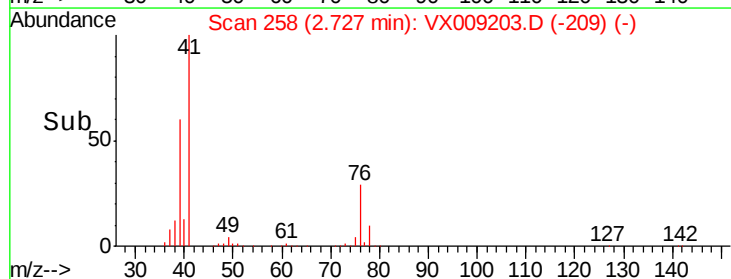
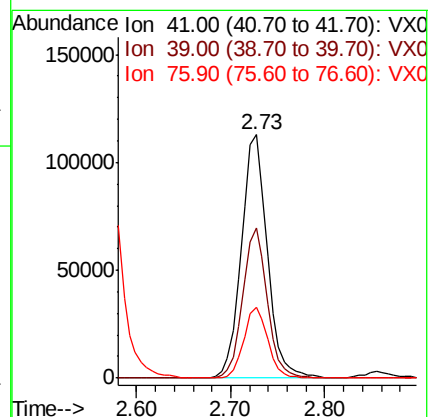
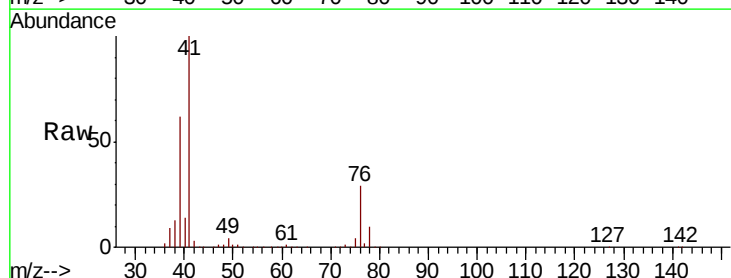
Tgt Ion: 41 Resp: 216523

Ion Ratio Lower Upper

41 100

39 58.4 46.7 70.1

76 27.3 21.8 32.8





#15

Acrylonitrile

Concen: 233.006 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

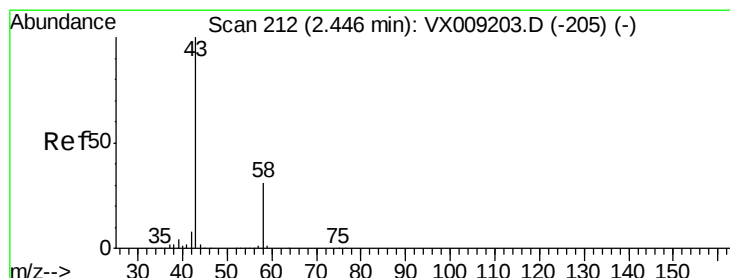
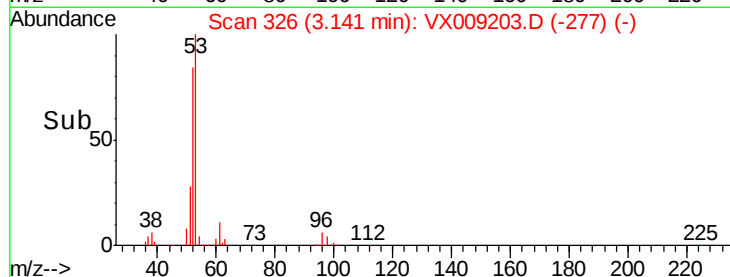
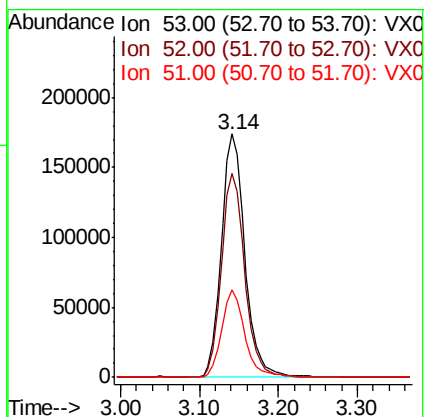
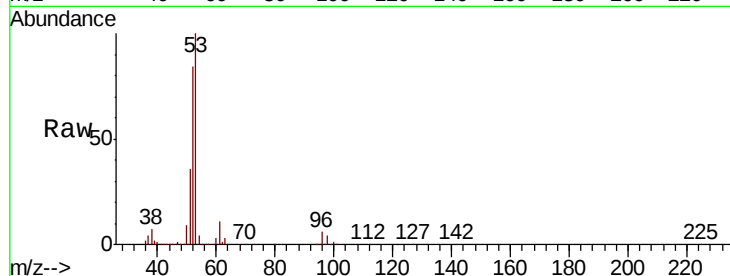
Tgt Ion: 53 Resp: 361326

Ion Ratio Lower Upper

53 100

52 83.6 66.9 100.3

51 35.2 28.2 42.2



#16

Acetone

Concen: 239.830 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009203.D

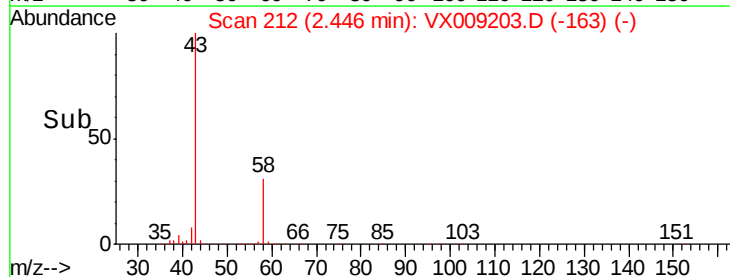
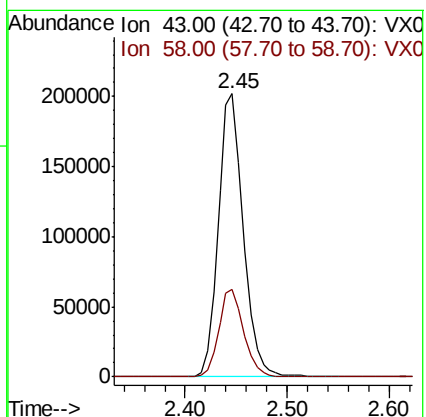
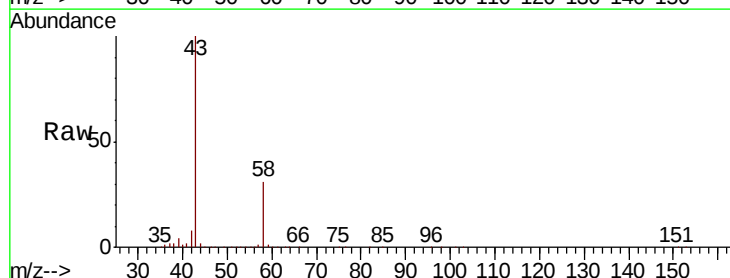
Acq: 29 Apr 2019 12:57

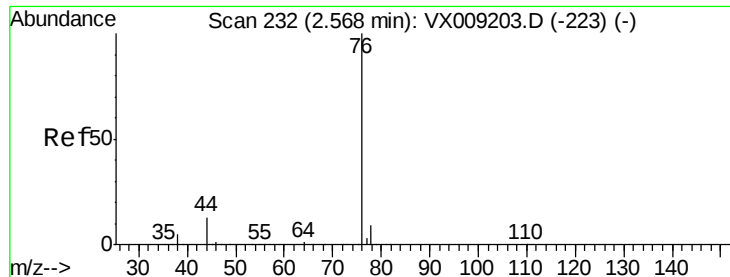
Tgt Ion: 43 Resp: 342952

Ion Ratio Lower Upper

43 100

58 31.1 24.9 37.3

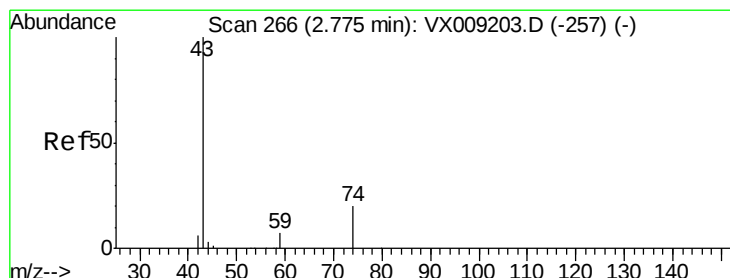
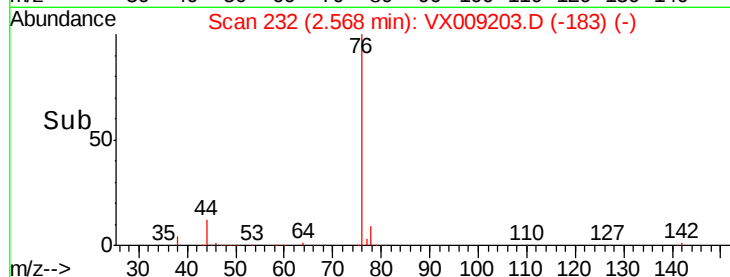
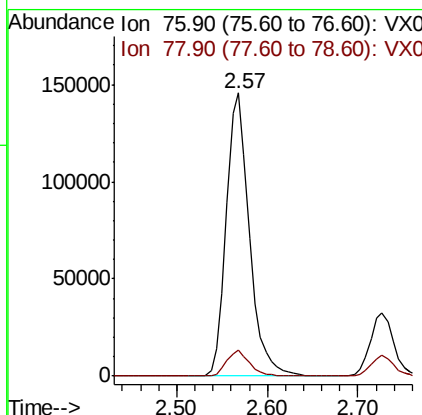
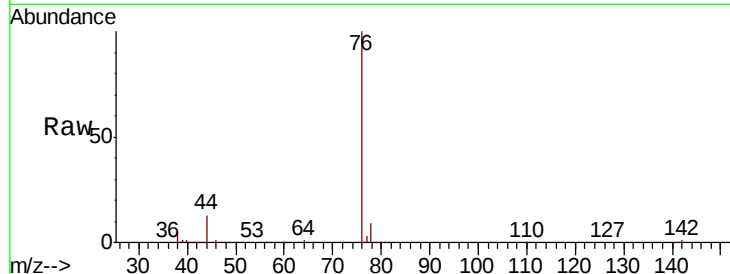




#17
Carbon Disulfide
Concen: 40.377 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

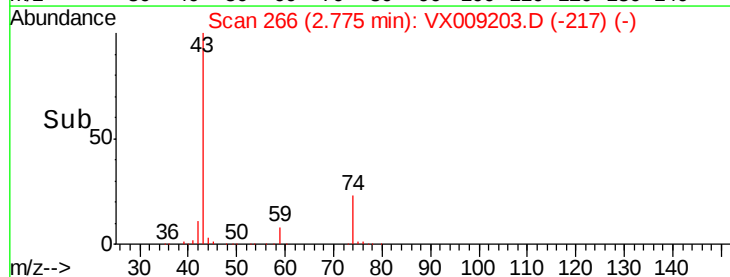
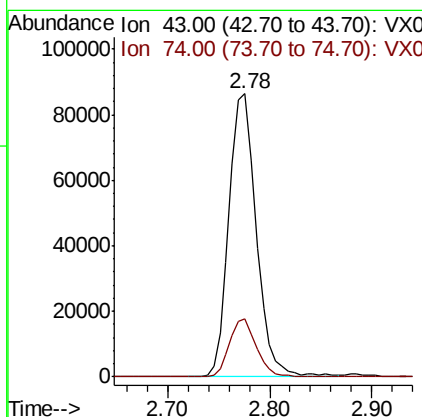
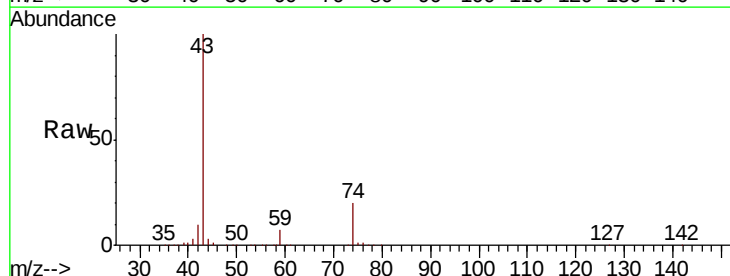
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

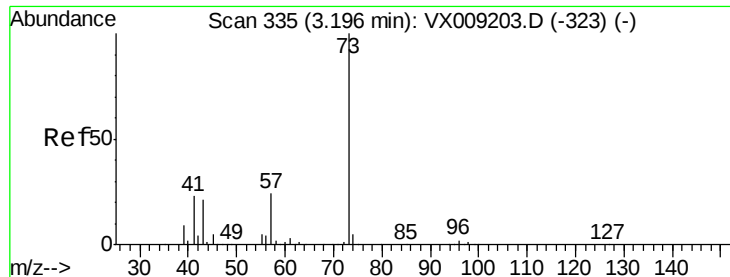
Tgt Ion: 76 Resp: 259007
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 44.819 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion: 43 Resp: 160244
Ion Ratio Lower Upper
43 100
74 20.3 16.2 24.4

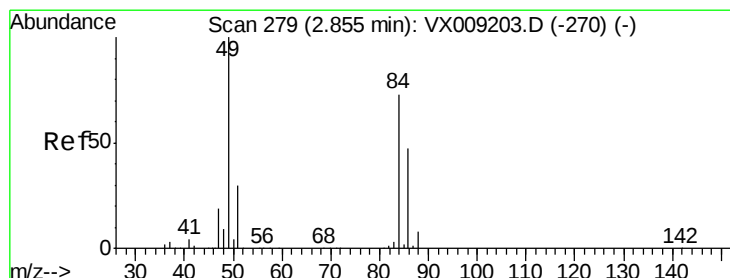
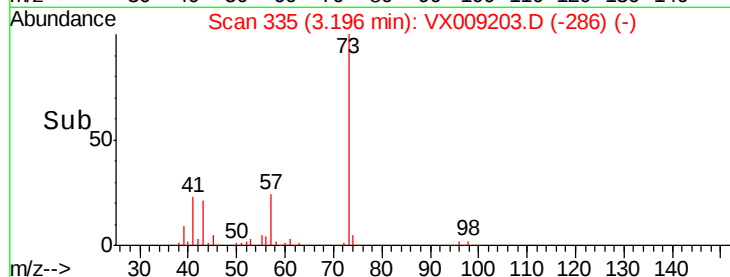
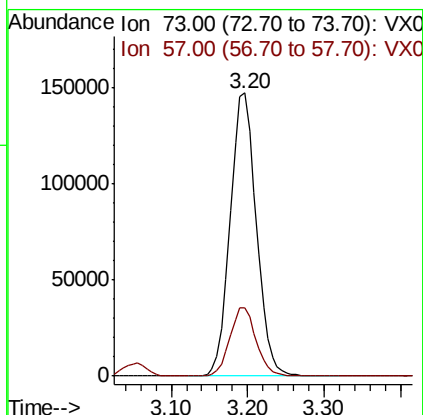
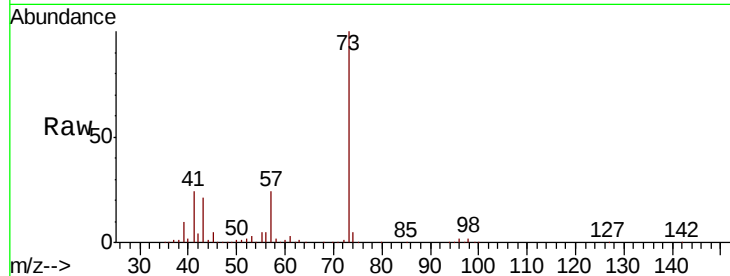




#19
Methyl tert-butyl Ether
Concen: 46.736 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

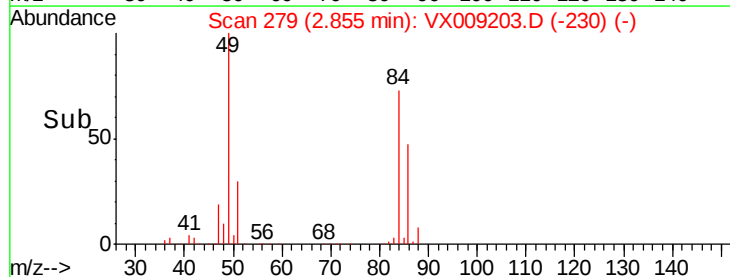
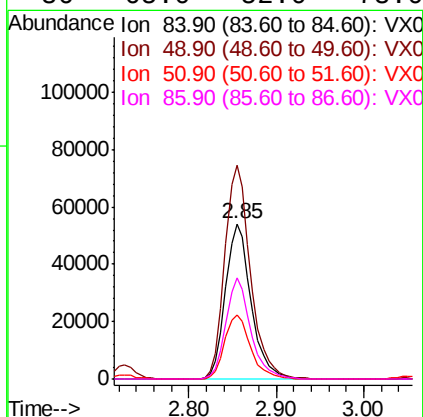
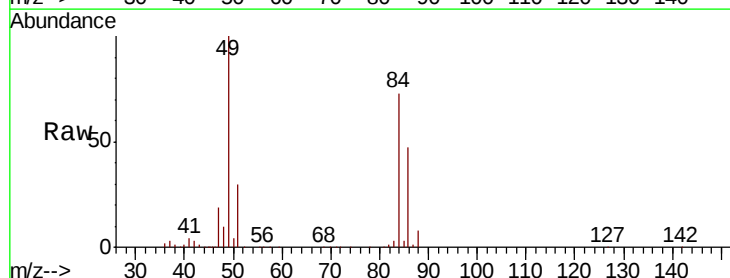
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

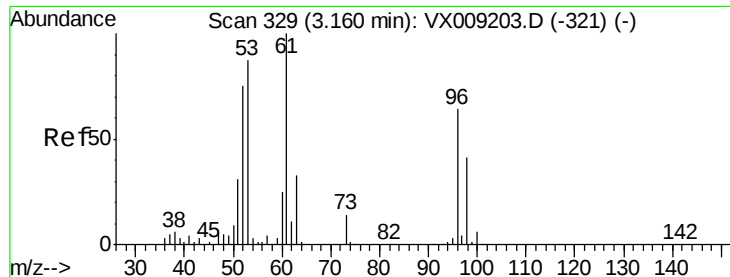
Tgt Ion: 73 Resp: 349003
Ion Ratio Lower Upper
73 100
57 24.1 19.3 28.9



#20
Methylene Chloride
Concen: 44.928 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion: 84 Resp: 110152
Ion Ratio Lower Upper
84 100
49 137.4 109.9 164.9
51 40.9 32.7 49.1
86 65.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 44.109 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

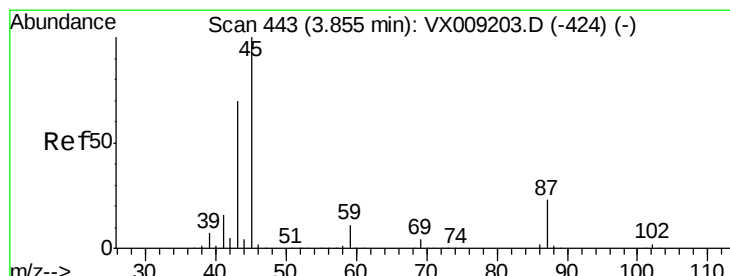
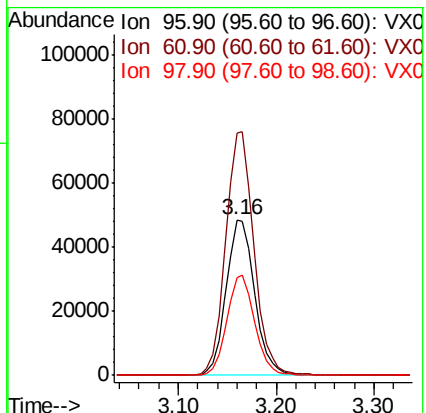
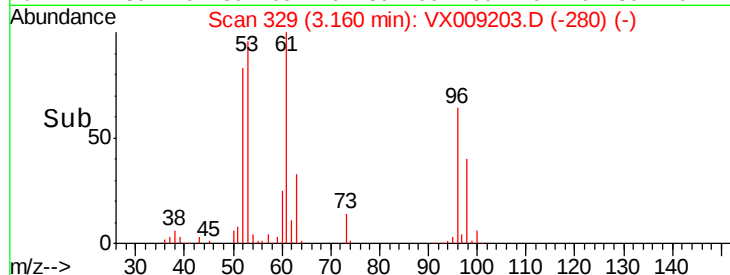
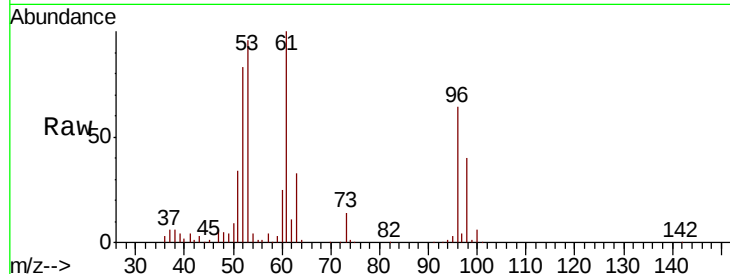
Tgt Ion: 96 Resp: 98051

Ion Ratio Lower Upper

96 100

61 155.6 124.5 186.7

98 63.0 50.4 75.6



#22

Diisopropyl ether

Concen: 47.217 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Tgt Ion: 45 Resp: 420457

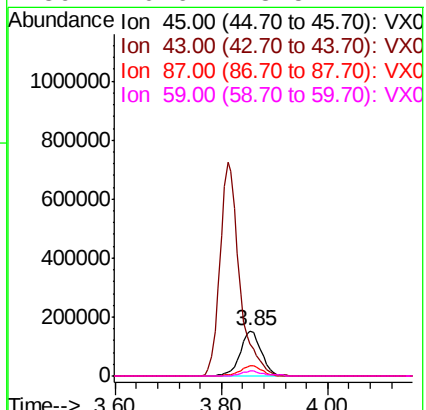
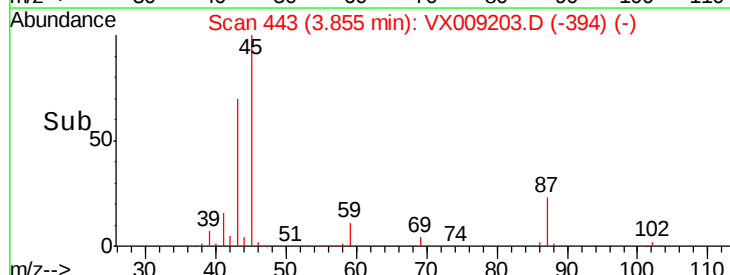
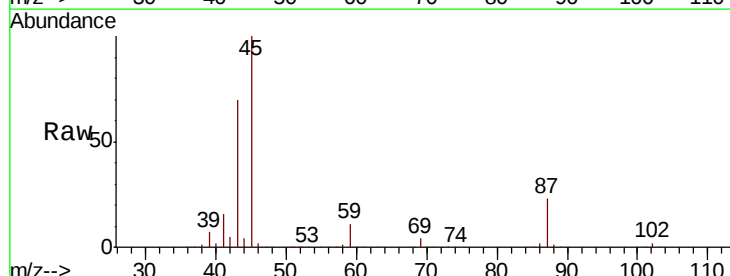
Ion Ratio Lower Upper

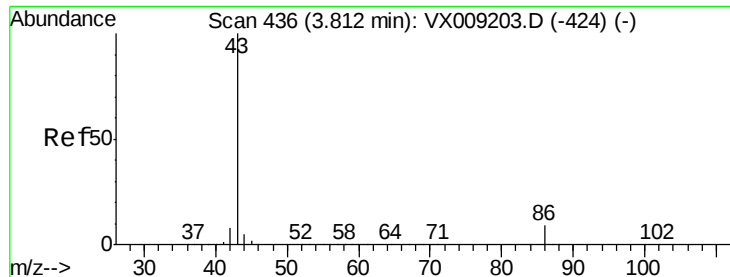
45 100

43 70.1 56.1 84.1

87 22.6 18.1 27.1

59 10.6 8.5 12.7





#23

Vinyl Acetate

Concen: 239.189 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

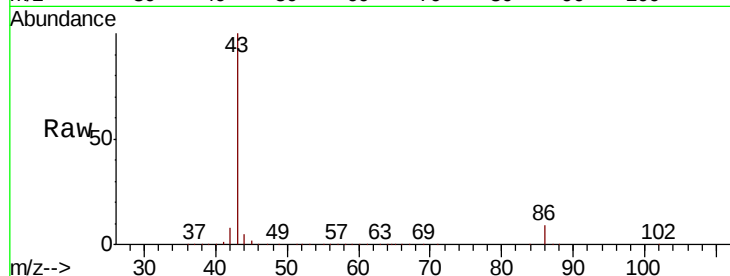
VSTDICCC050

Tgt Ion: 43 Resp: 1862022

Ion Ratio Lower Upper

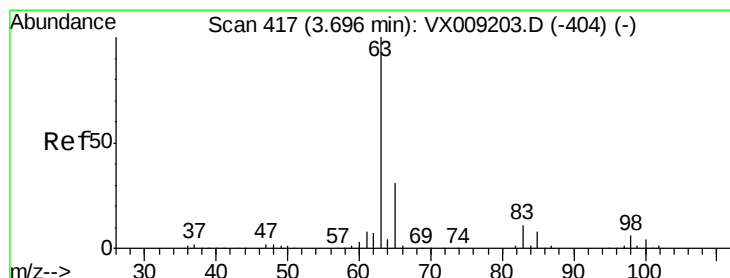
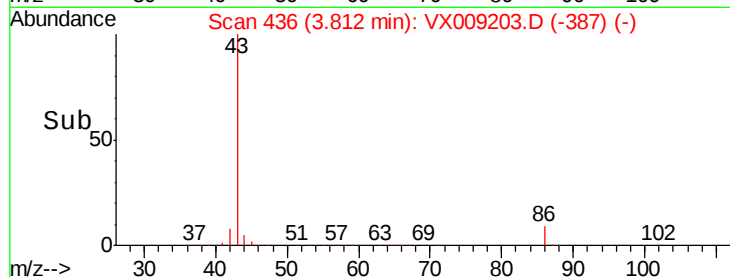
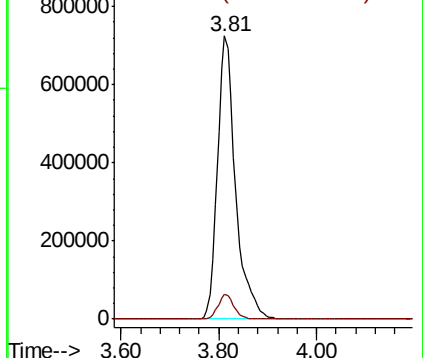
43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.892 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

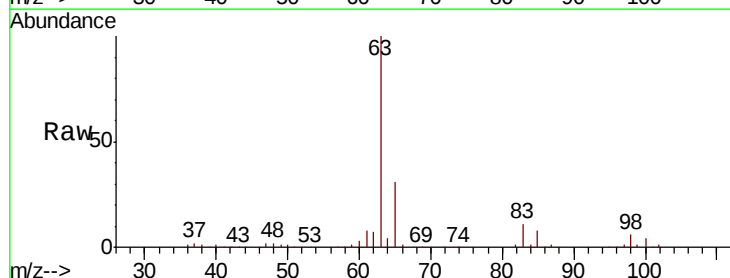
Tgt Ion: 63 Resp: 204694

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

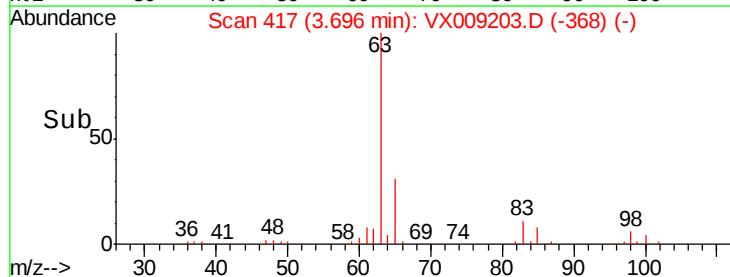
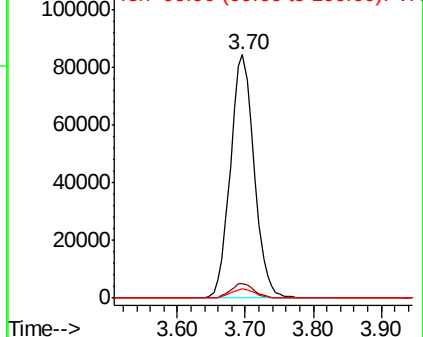
100 4.0 2.0 6.0

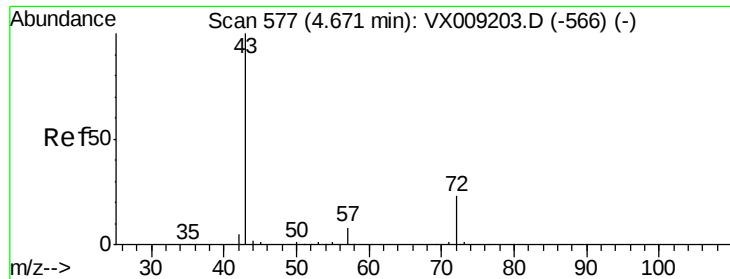


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 240.365 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

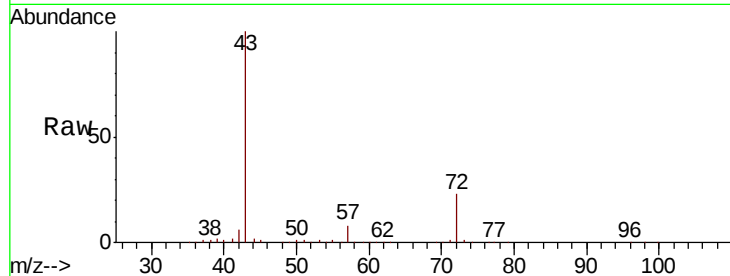
VSTDICCC050

Tgt Ion: 43 Resp: 548583

Ion Ratio Lower Upper

43 100

72 22.7 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX009203.D (-566) (-)

Ion 72.00 (71.70 to 72.70): VX009203.D (-566) (-)

4.67

200000

150000

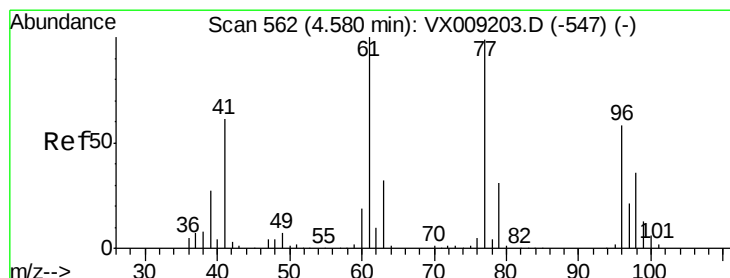
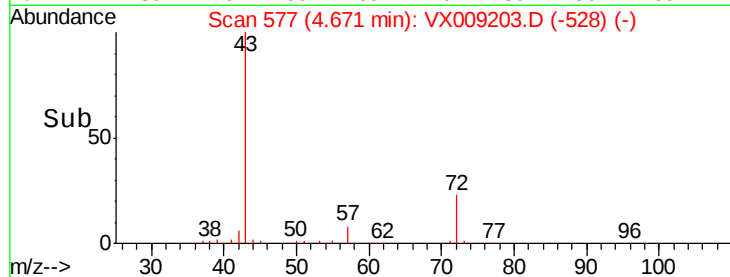
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.572 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009203.D

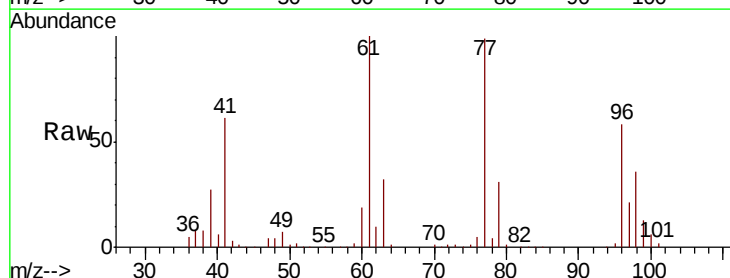
Acq: 29 Apr 2019 12:57

Tgt Ion: 77 Resp: 155791

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX009203.D (-547) (-)

Ion 96.90 (96.60 to 97.60): VX009203.D (-547) (-)

4.58

60000

50000

40000

30000

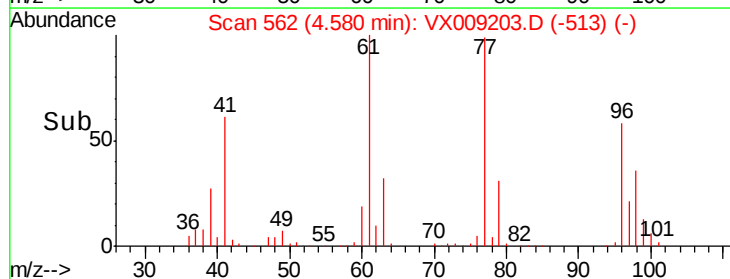
20000

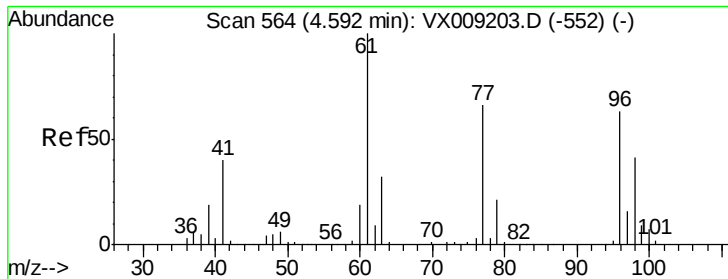
10000

0

4.40 4.50 4.60 4.70

Time-->



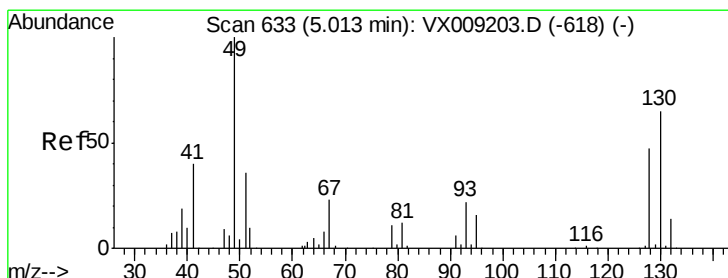
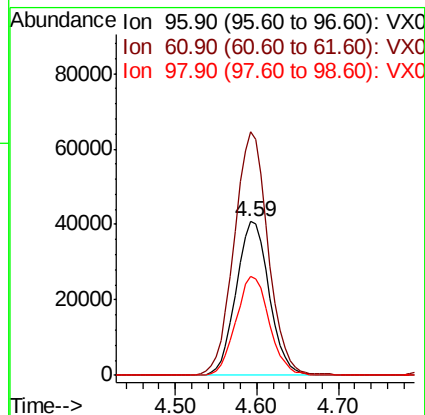
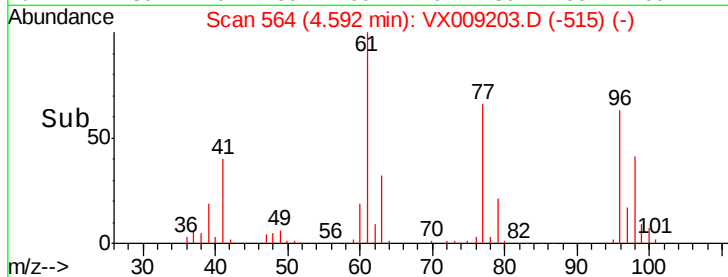
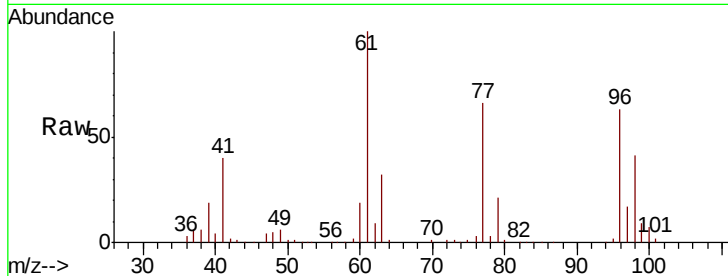


#27

cis-1,2-Dichloroethene
Concen: 45.317 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

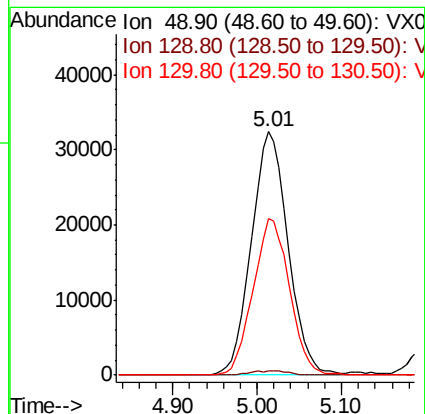
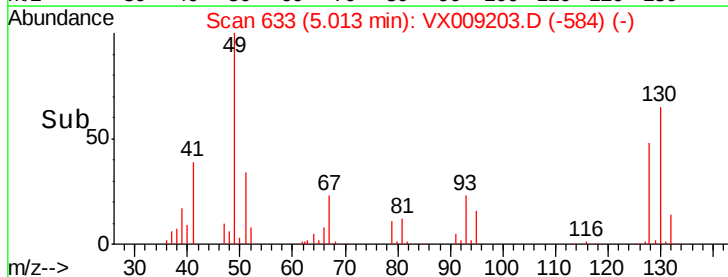
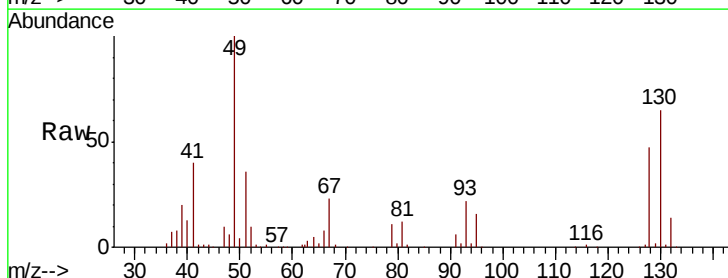
Tgt Ion: 96 Resp: 114820
Ion Ratio Lower Upper
96 100
61 162.0 0.0 324.0
98 65.2 0.0 130.4

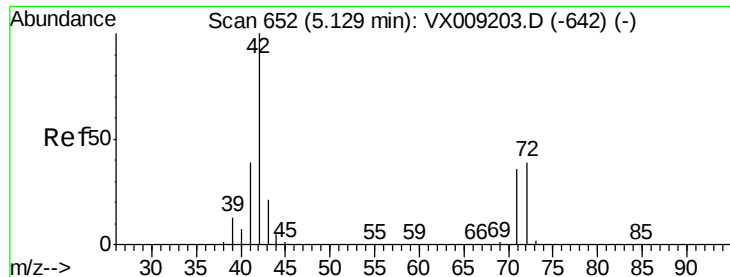


#28

Bromochloromethane
Concen: 45.979 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion: 49 Resp: 96397
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 64.0 51.2 76.8

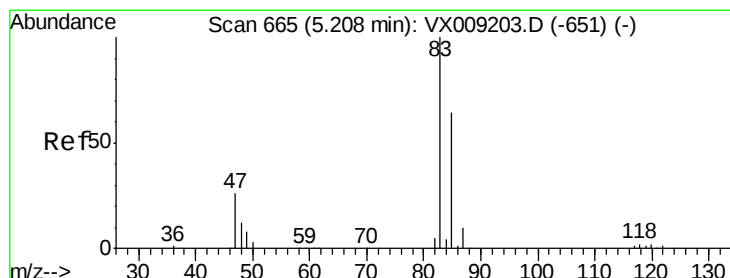
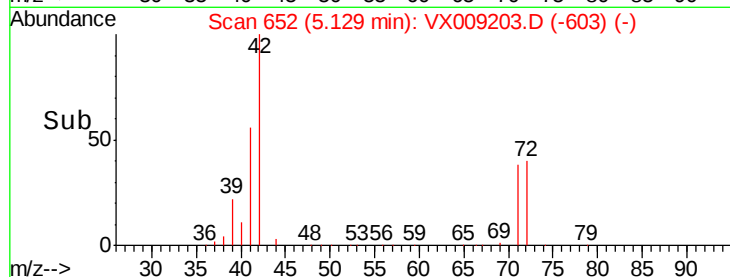
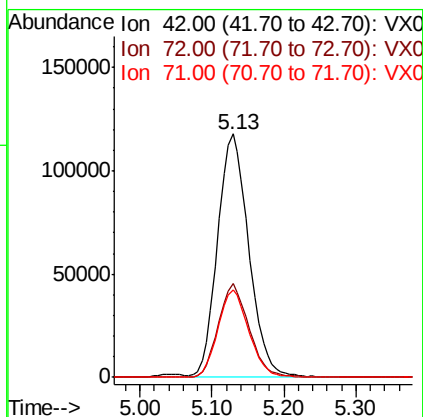
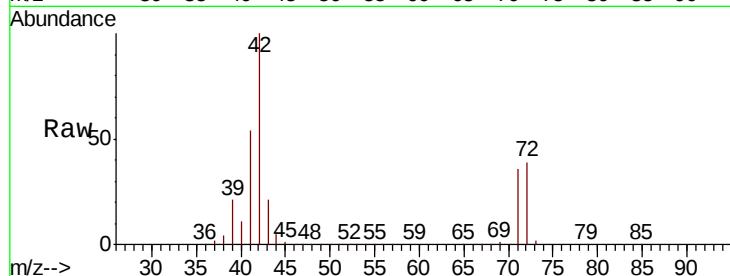




#29
Tetrahydrofuran
Concen: 232.115 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

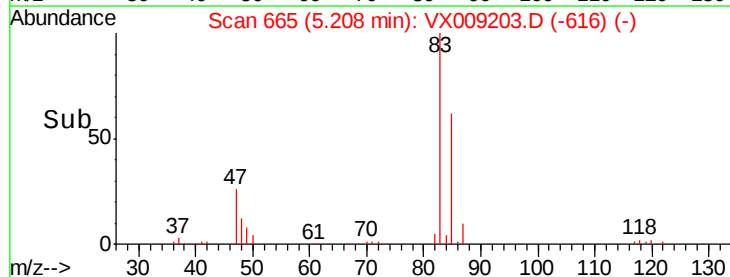
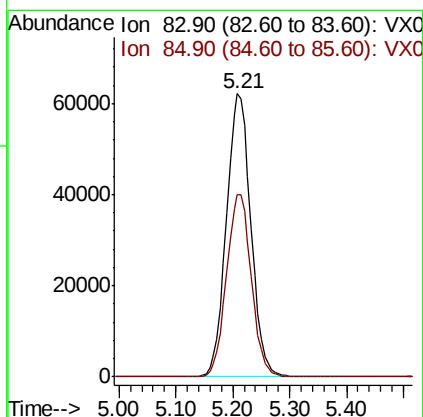
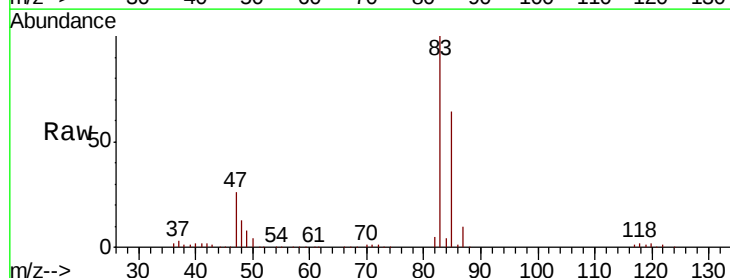
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

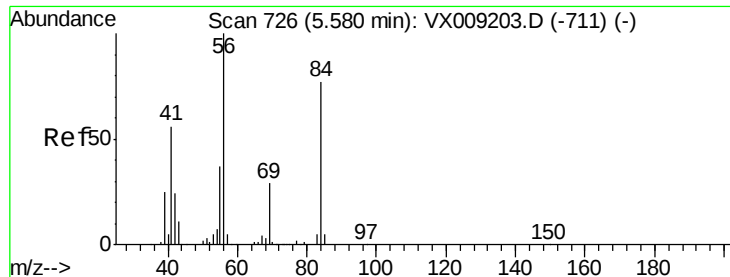
Tgt Ion: 42 Resp: 354219
Ion Ratio Lower Upper
42 100
72 38.0 30.4 45.6
71 35.8 28.6 43.0



#30
Chloroform
Concen: 46.541 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion: 83 Resp: 185878
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3

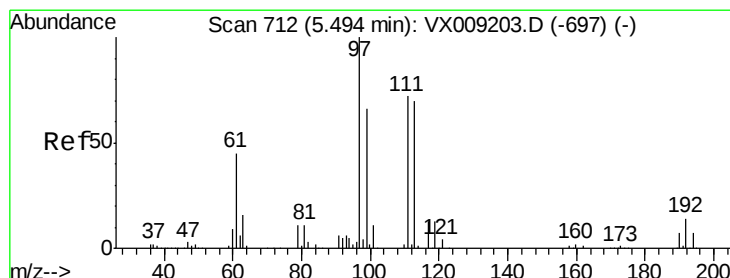
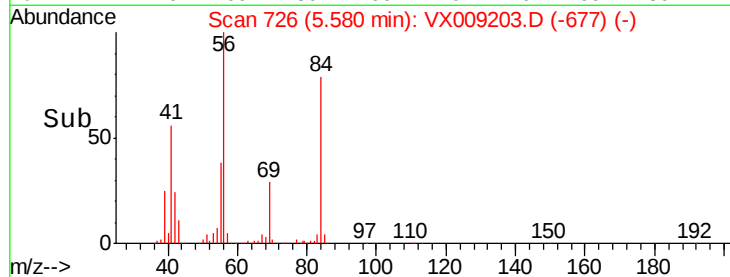
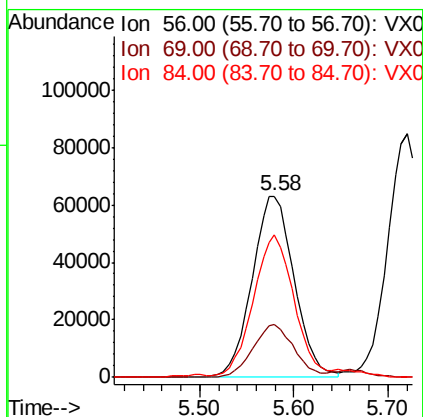
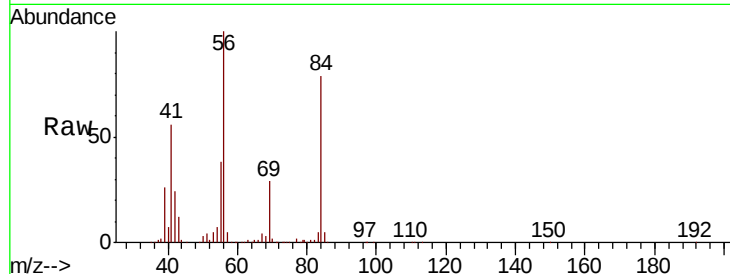




#31
Cyclohexane
Concen: 45.166 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

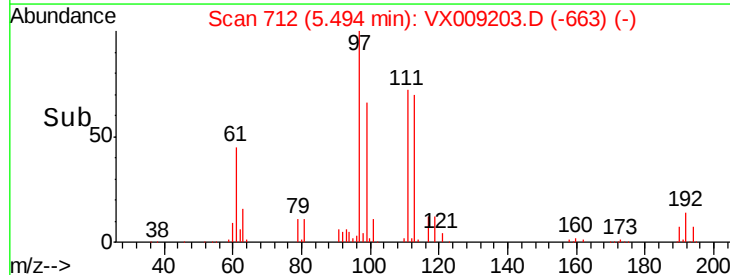
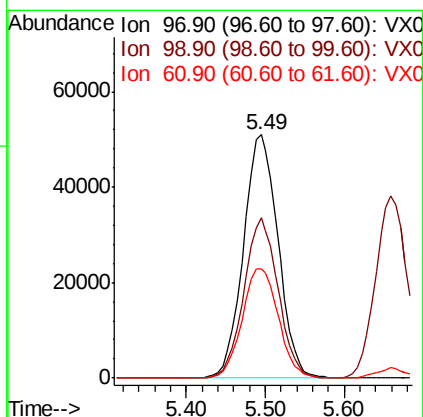
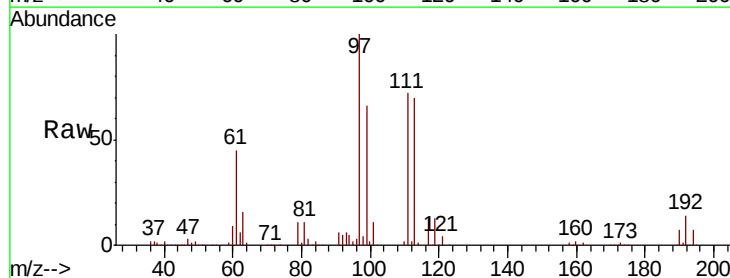
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 197040
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.0
84 77.4 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 47.016 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion: 97 Resp: 155431
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 47.3 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 48.456 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

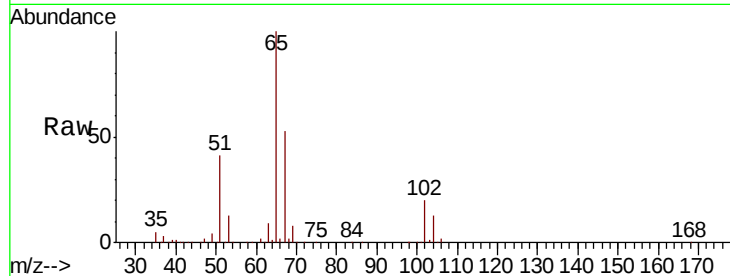
VSTDICCC050

Tgt Ion: 65 Resp: 134680

Ion Ratio Lower Upper

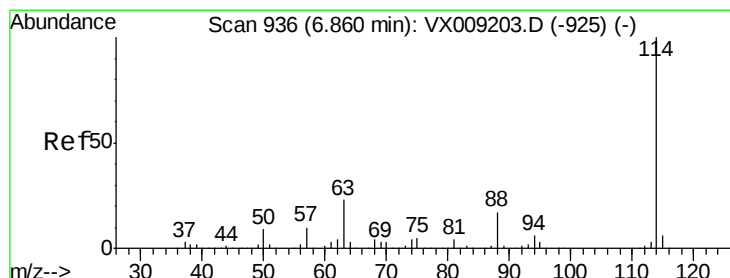
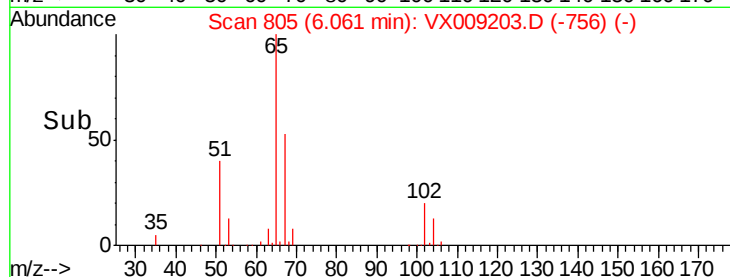
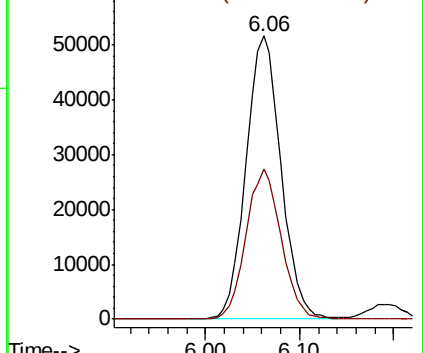
65 100

67 53.3 0.0 106.6



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: VX009203.D

Acq: 29 Apr 2019 12:57

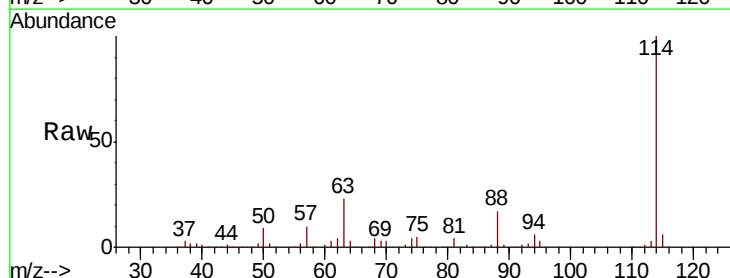
Tgt Ion: 114 Resp: 316685

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

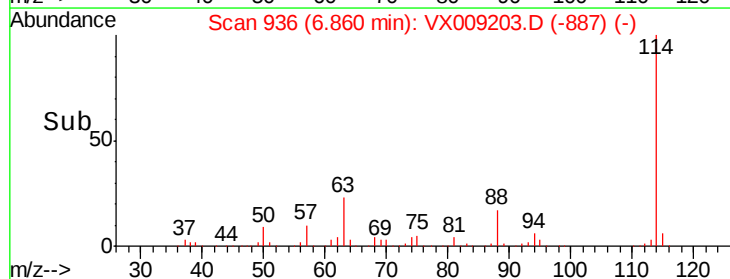
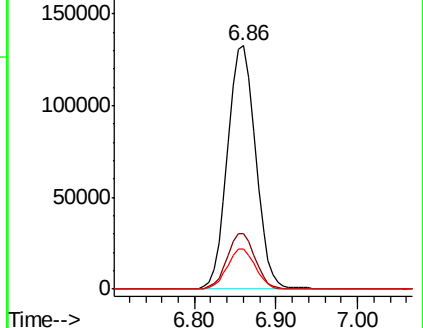
88 16.6 0.0 33.2



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

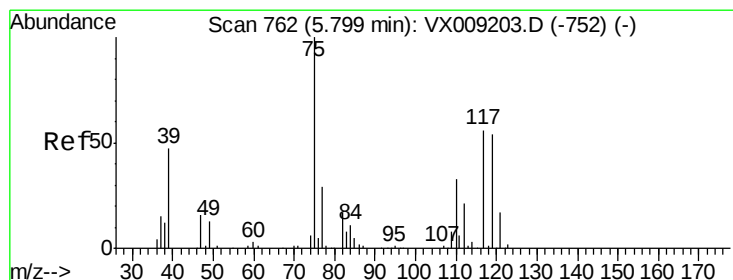
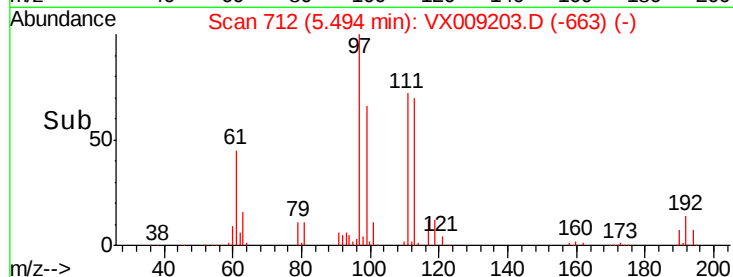
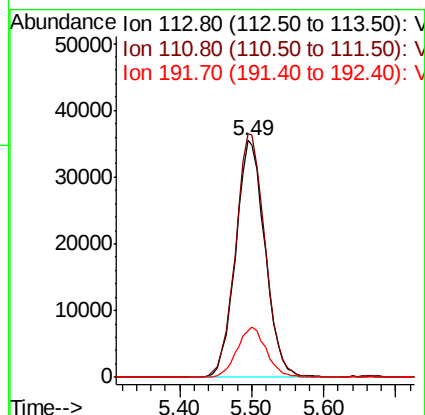
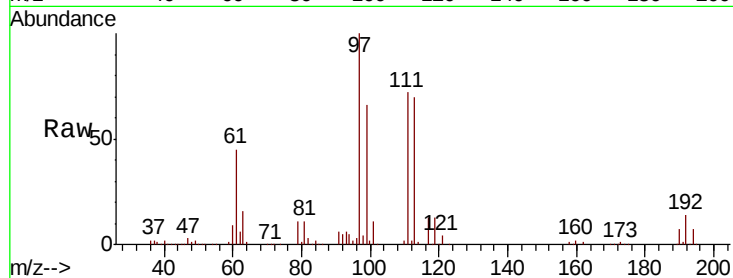




#35
 Dibromofluoromethane
 Concen: 49.175 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

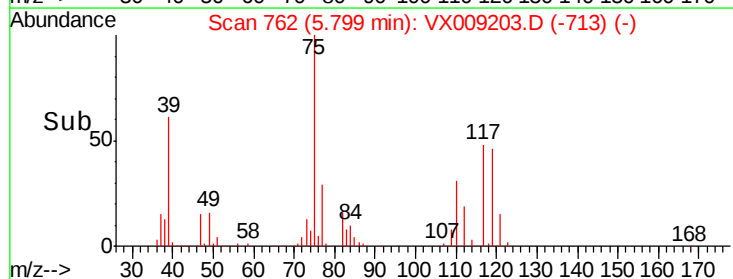
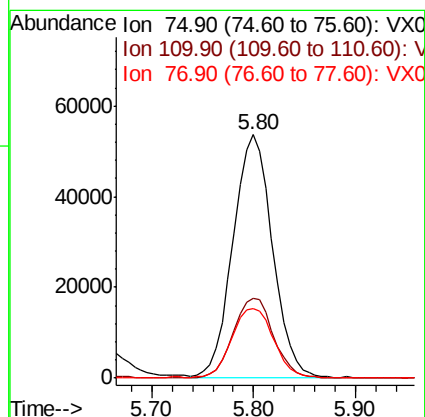
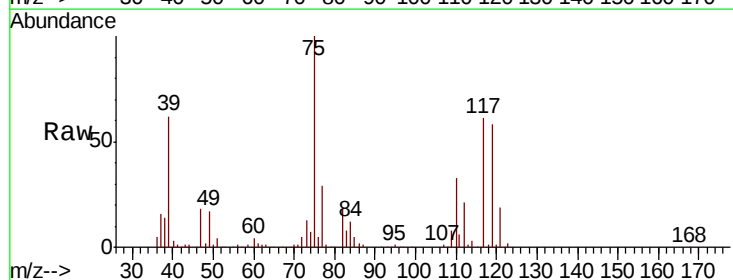
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

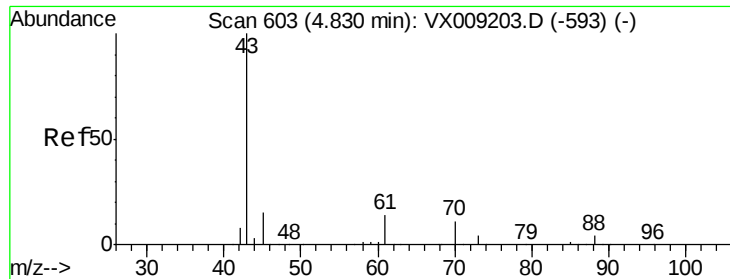
Tgt Ion: 113 Resp: 100314
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.8 124.2
 192 21.3 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 44.142 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

Tgt Ion: 75 Resp: 143242
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.9 50.6
 77 31.0 24.8 37.2

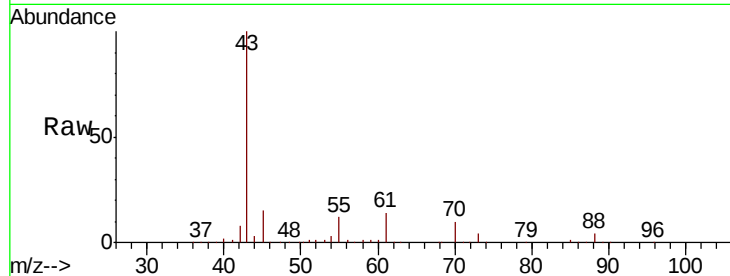




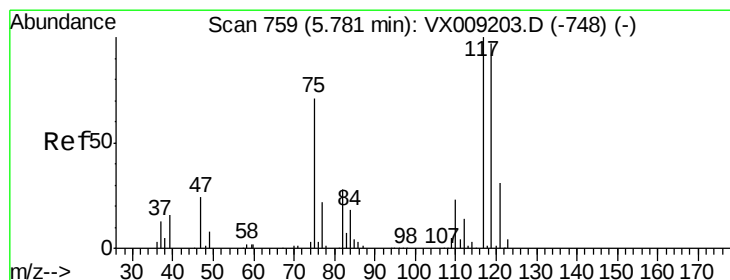
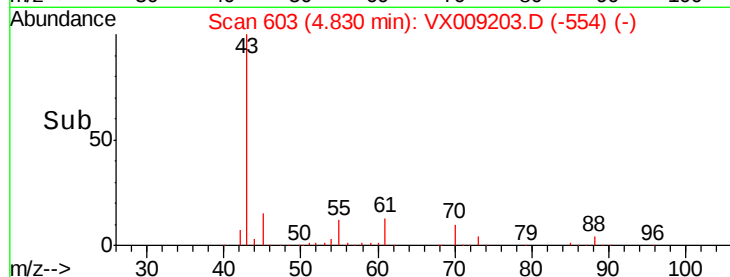
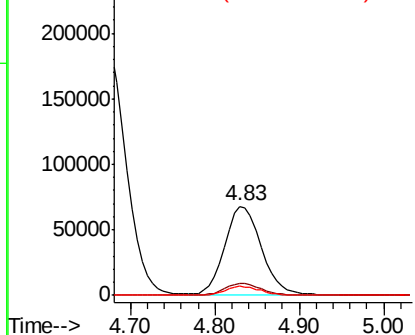
#37
Ethyl Acetate
Concen: 47.981 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 200424
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 9.9 7.9 11.9

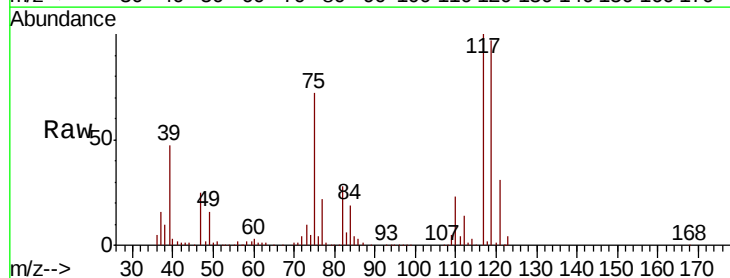


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

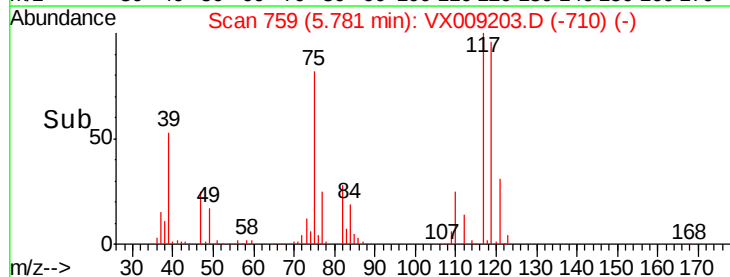
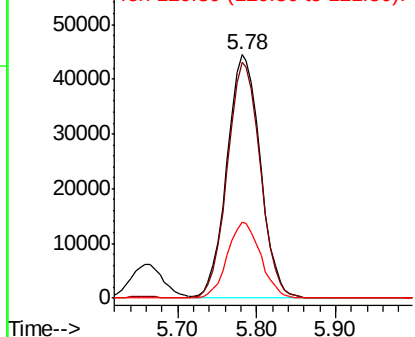


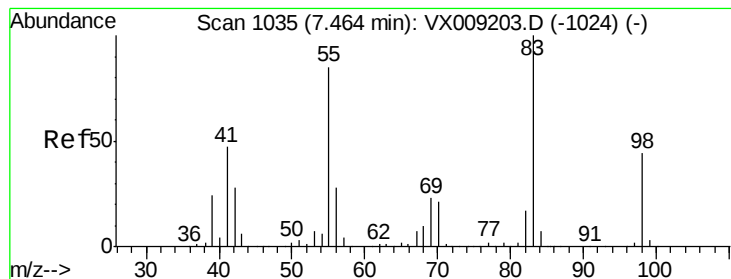
#38
Carbon Tetrachloride
Concen: 47.362 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion: 117 Resp: 130900
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
121 30.9 24.7 37.1



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





#39

Methylcyclohexane

Concen: 45.357 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

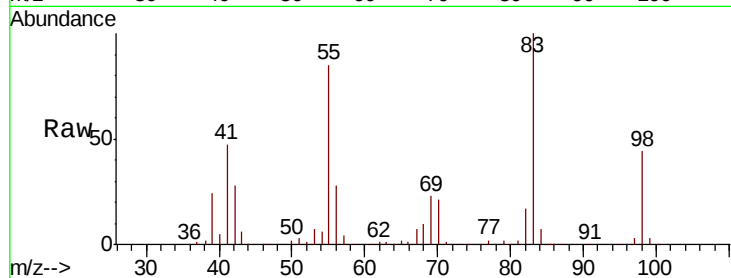
Tgt Ion: 83 Resp: 178985

Ion Ratio Lower Upper

83 100

55 84.6 67.7 101.5

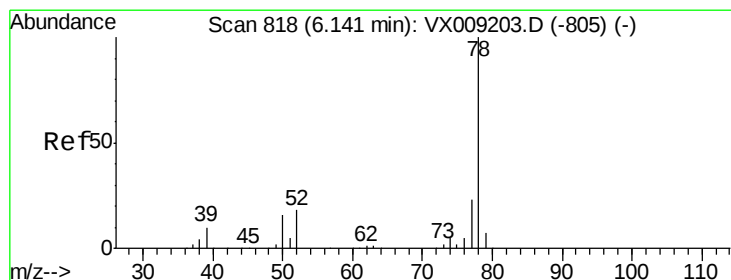
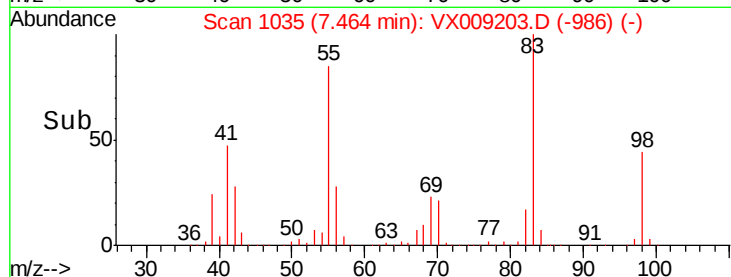
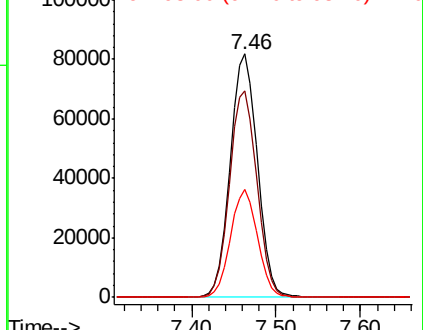
98 44.4 35.5 53.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 46.313 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX009203.D

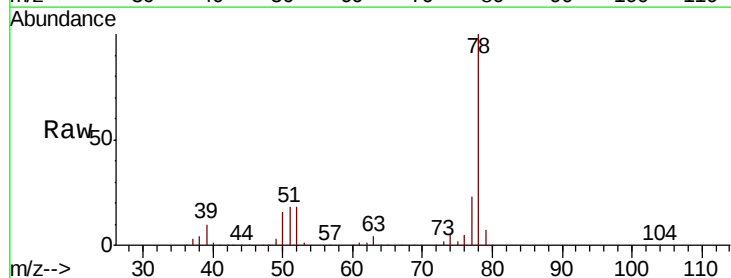
Acq: 29 Apr 2019 12:57

Tgt Ion: 78 Resp: 444807

Ion Ratio Lower Upper

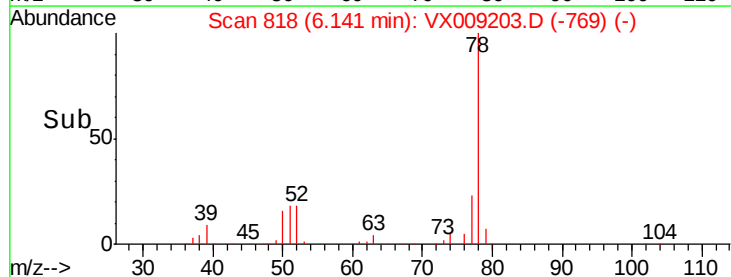
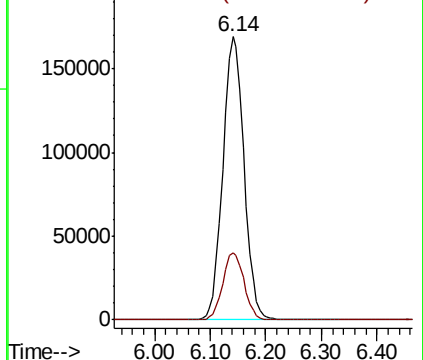
78 100

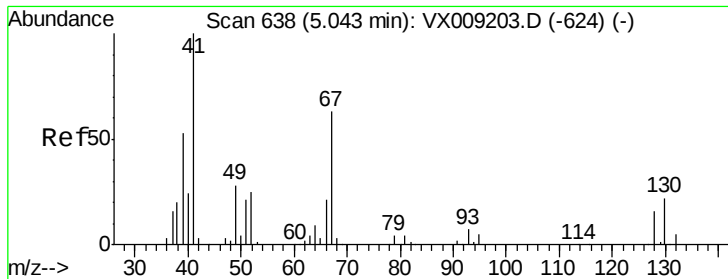
77 23.5 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 48.216 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 116200

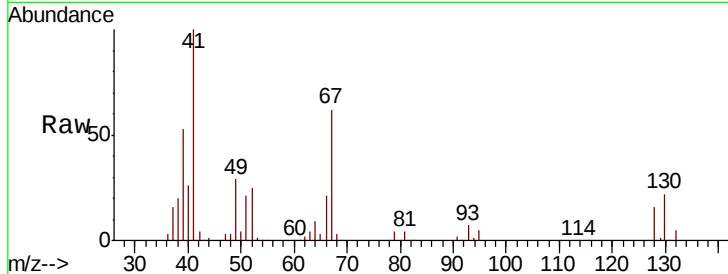
Ion Ratio Lower Upper

41 100

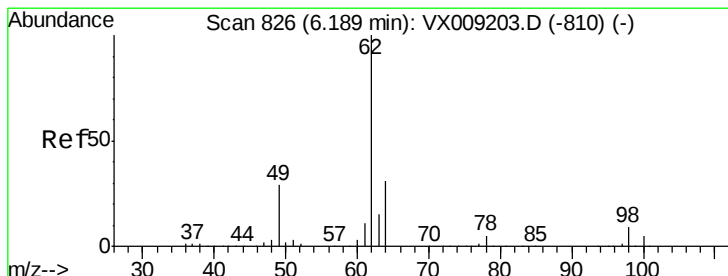
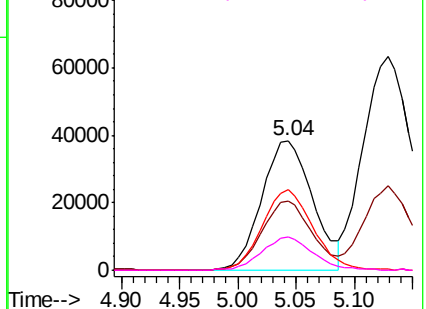
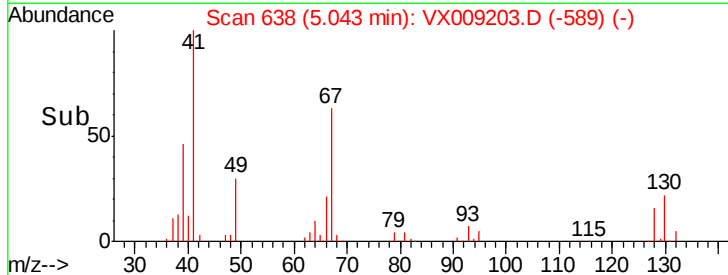
39 52.5 42.0 63.0

67 62.3 49.8 74.8

52 25.4 20.3 30.5



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: 45.881 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009203.D

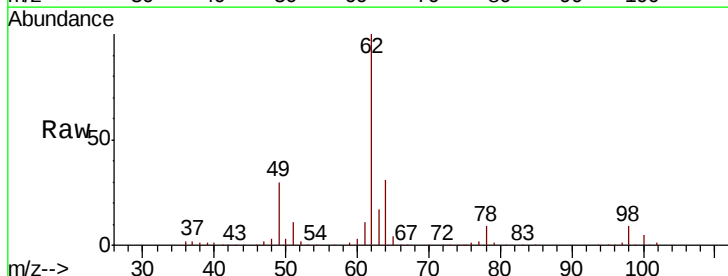
Acq: 29 Apr 2019 12:57

Tgt Ion: 62 Resp: 156133

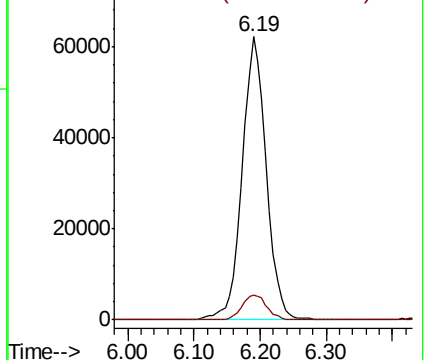
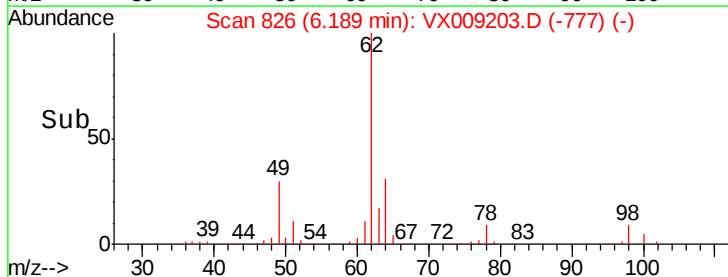
Ion Ratio Lower Upper

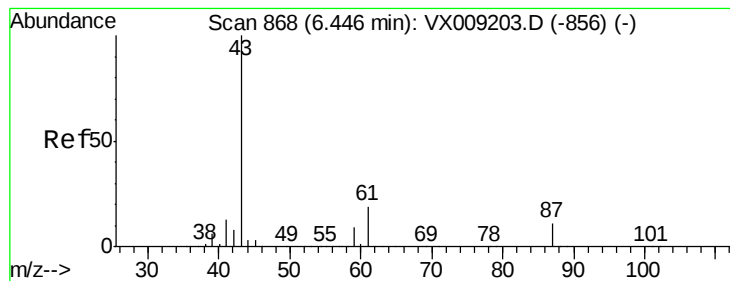
62 100

98 9.1 0.0 18.2



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





#43

Isopropyl Acetate

Concen: 47.709 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

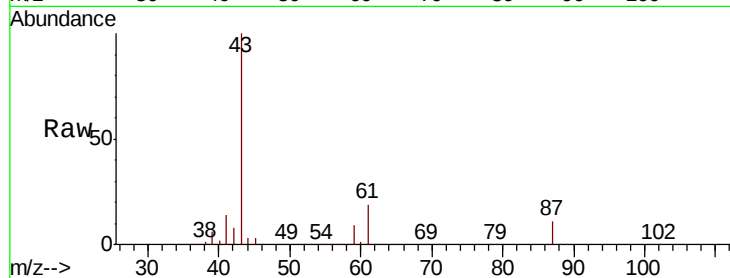
Tgt Ion: 43 Resp: 322309

Ion Ratio Lower Upper

43 100

61 18.9 15.1 22.7

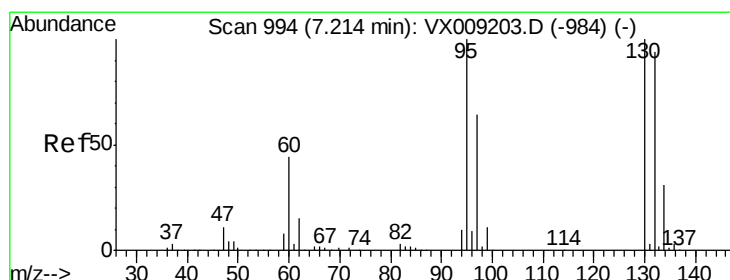
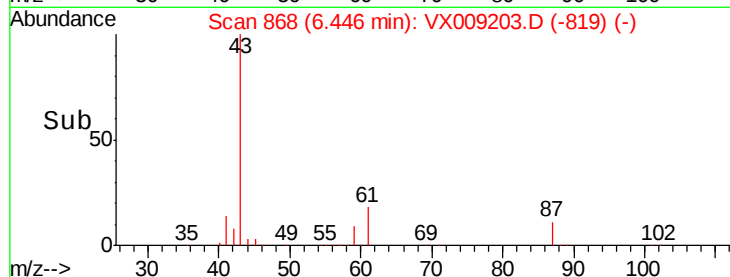
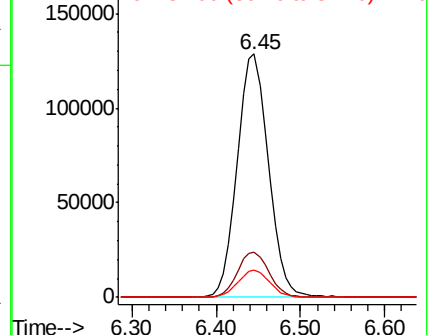
87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 45.030 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009203.D

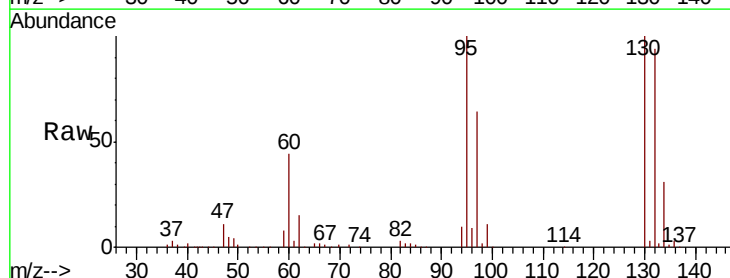
Acq: 29 Apr 2019 12:57

Tgt Ion: 130 Resp: 105826

Ion Ratio Lower Upper

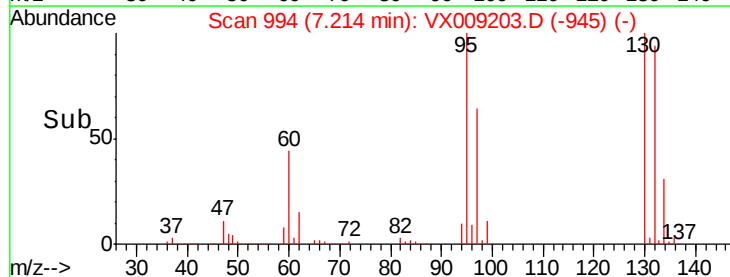
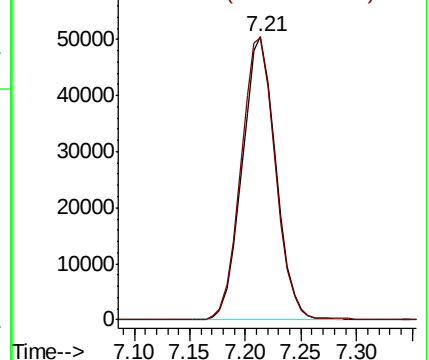
130 100

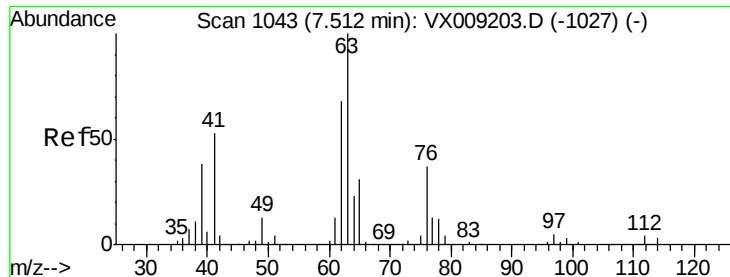
95 99.6 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

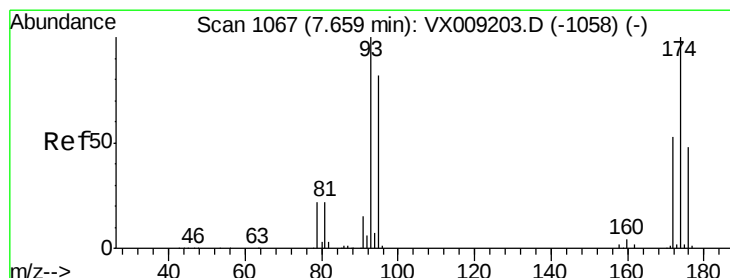
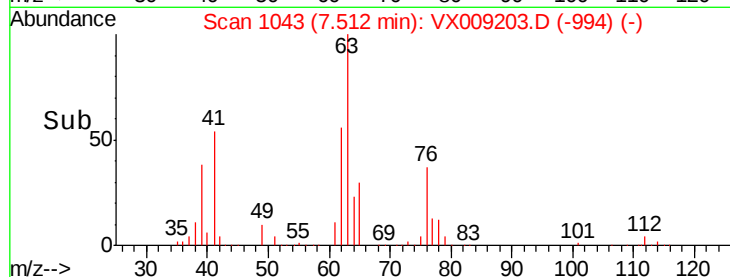
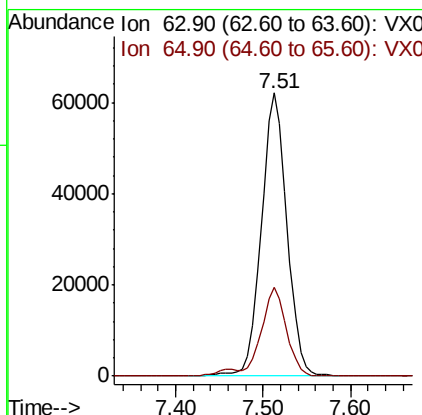
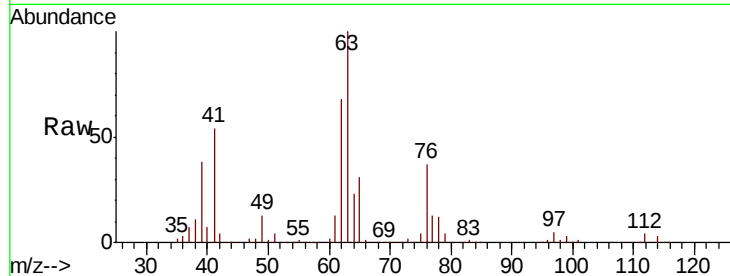




#45
 1,2-Dichloropropane
 Concen: 47.340 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

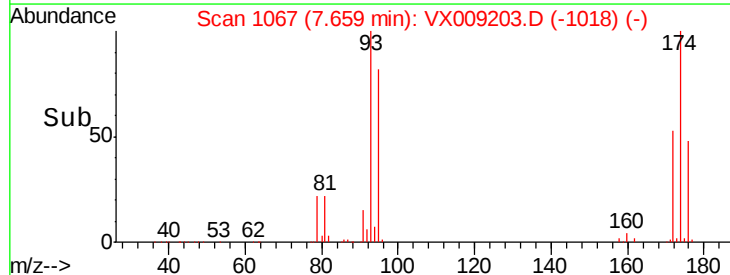
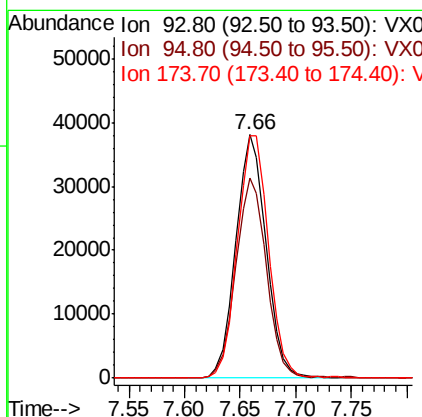
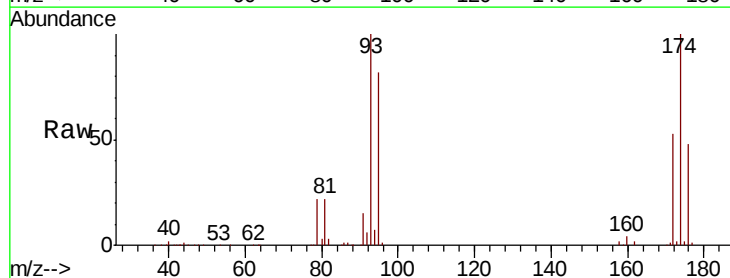
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 63 Resp: 126342
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 46.244 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

Tgt Ion: 93 Resp: 71745
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 102.6 82.1 123.1





#47

Bromodichloromethane

Concen: 47.981 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

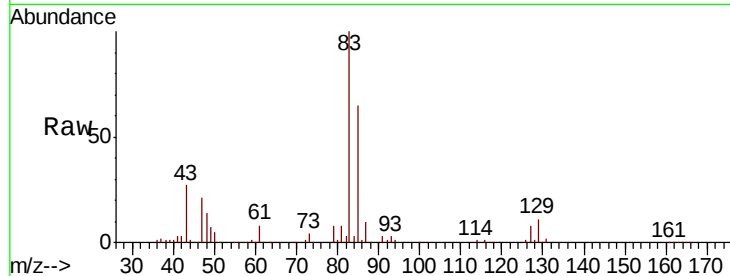
Tgt Ion: 83 Resp: 146330

Ion Ratio Lower Upper

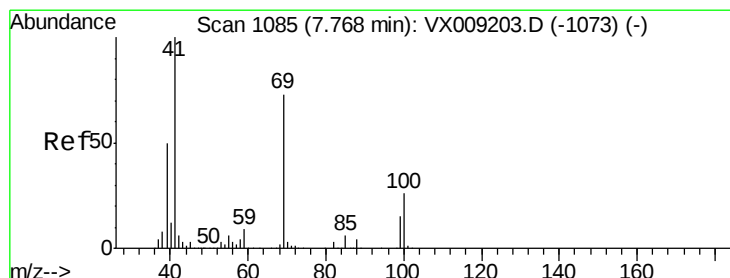
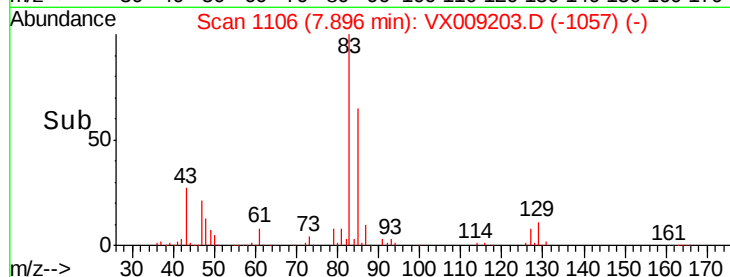
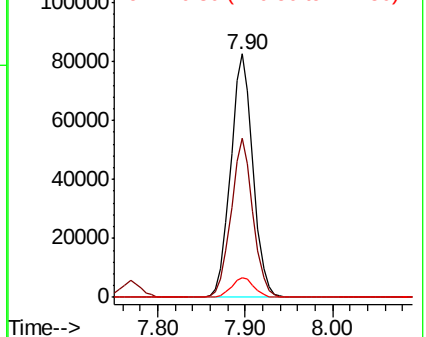
83 100

85 65.5 52.4 78.6

127 8.3 6.6 10.0



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: 48.153 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

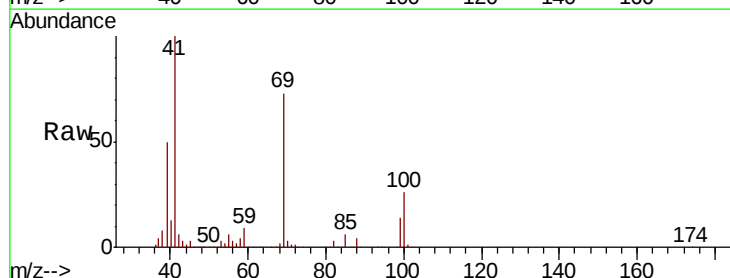
Tgt Ion: 41 Resp: 160707

Ion Ratio Lower Upper

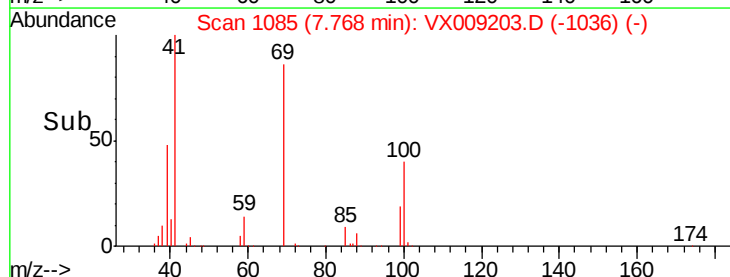
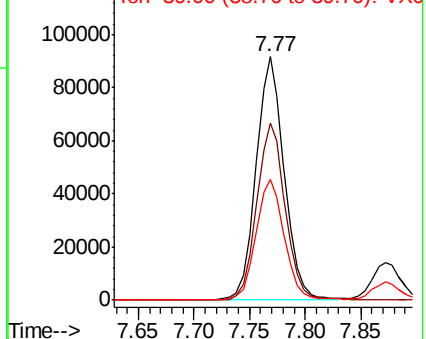
41 100

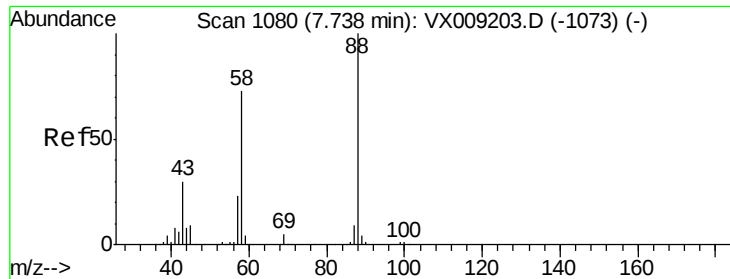
69 73.9 59.1 88.7

39 50.5 40.4 60.6



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

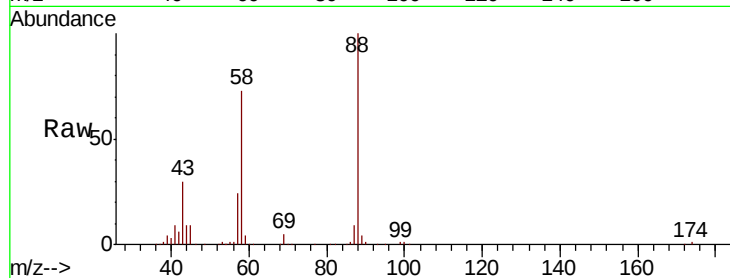




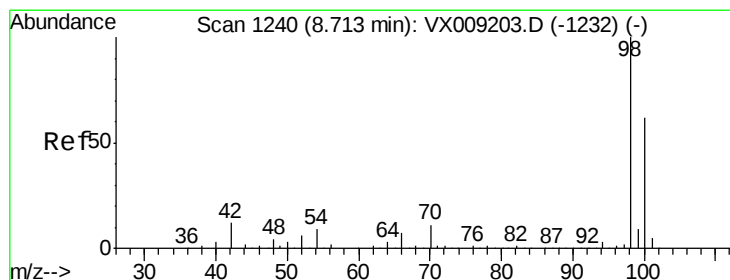
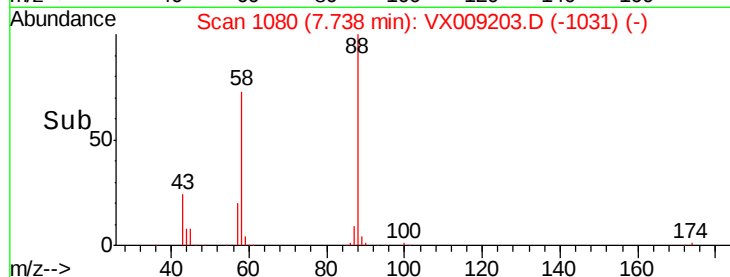
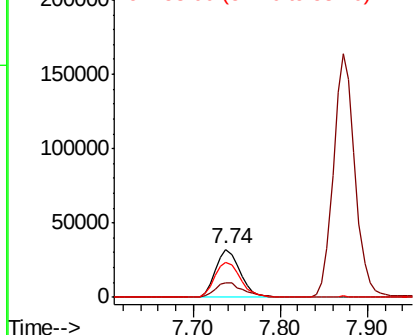
#49
1,4-Dioxane
Concen: 985.681 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 62908
Ion Ratio Lower Upper
88 100
43 35.7 28.6 42.8
58 77.1 61.7 92.5

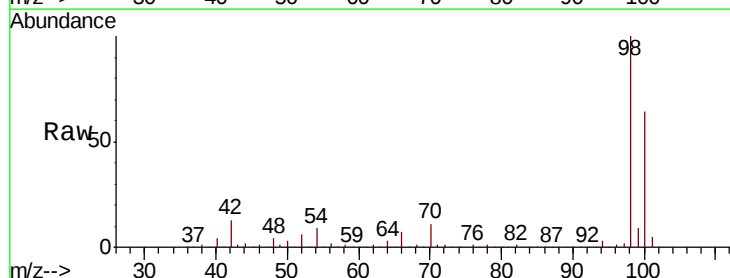


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

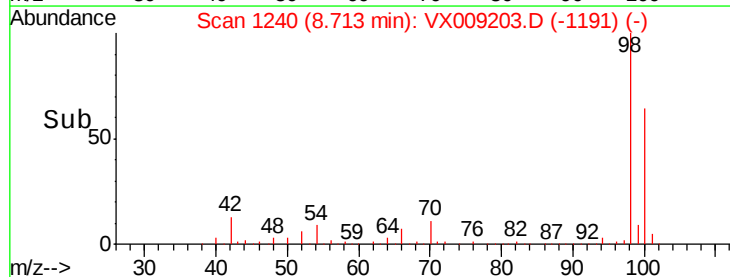
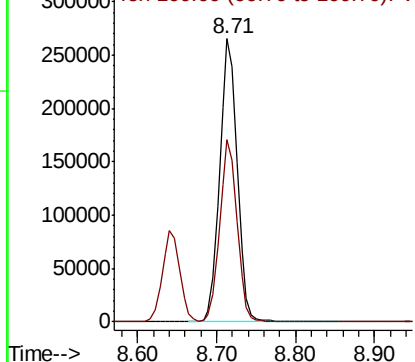


#50
Toluene-d8
Concen: 50.468 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion: 98 Resp: 411505
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

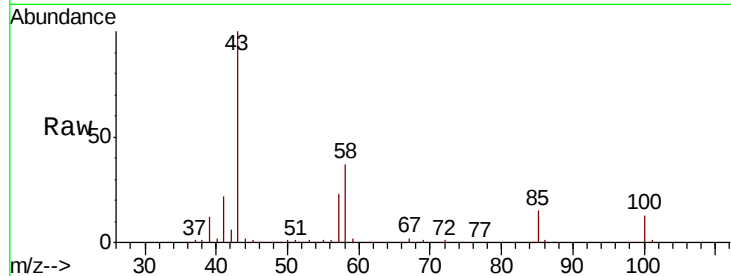




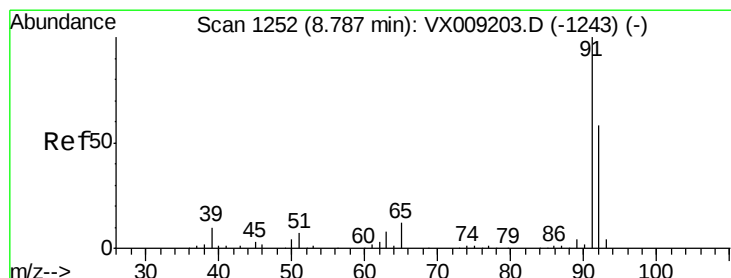
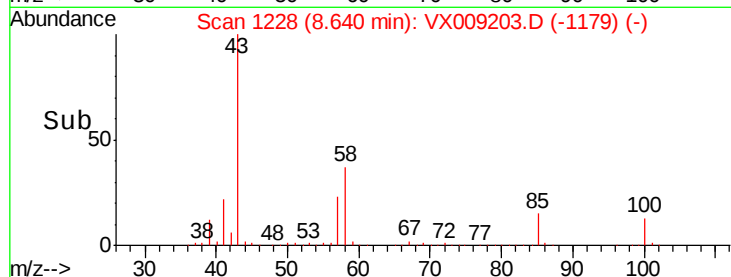
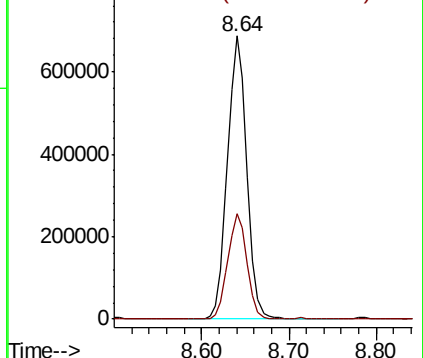
#51
 4-Methyl-2-Pentanone
 Concen: 243.811 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1053270
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.5 44.3

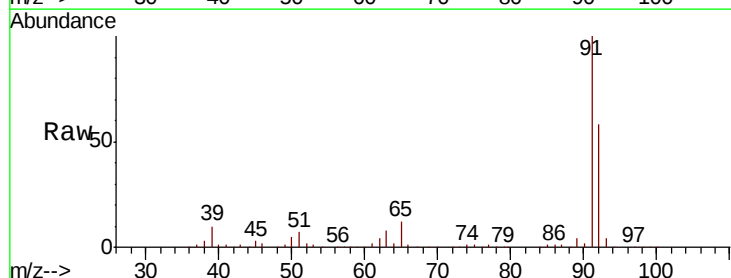


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

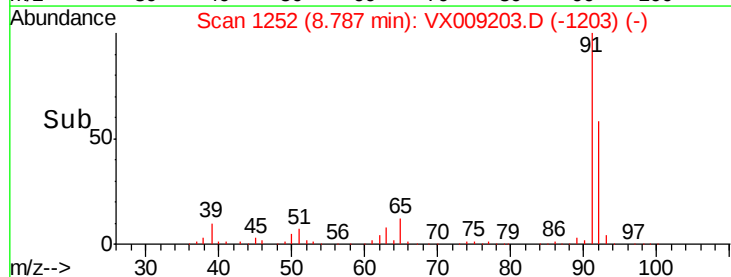
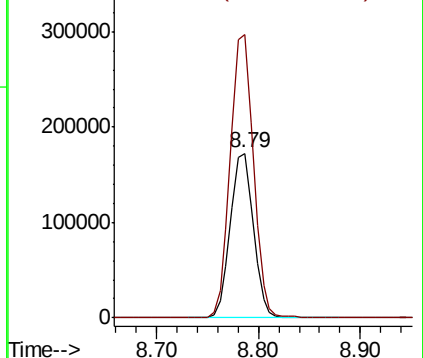


#52
 Toluene
 Concen: 46.806 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

Tgt Ion: 92 Resp: 270028
 Ion Ratio Lower Upper
 92 100
 91 173.5 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0
 Ion 91.00 (90.70 to 91.70): VX0

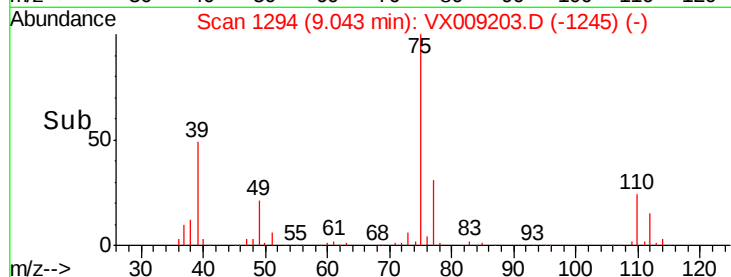
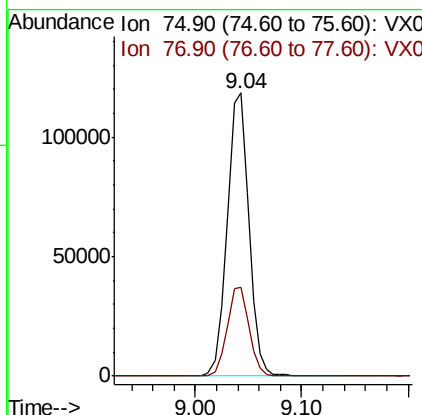
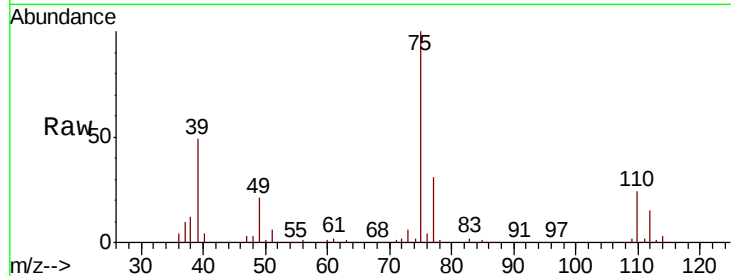




#53
 t-1,3-Dichloropropene
 Concen: 48.769 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

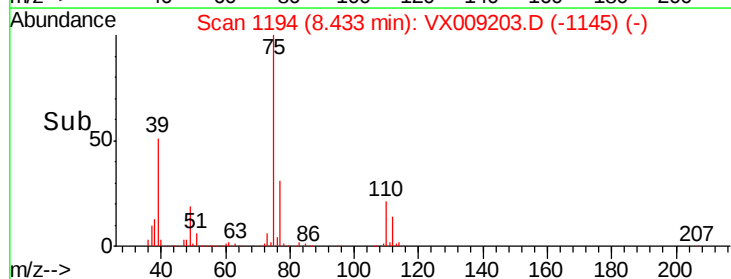
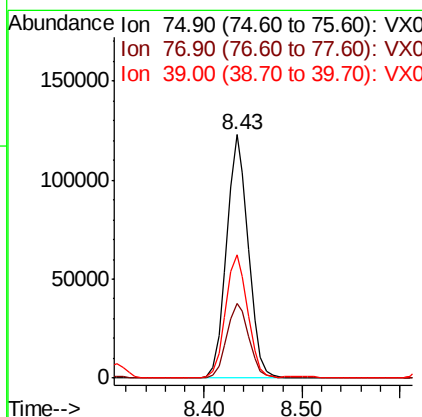
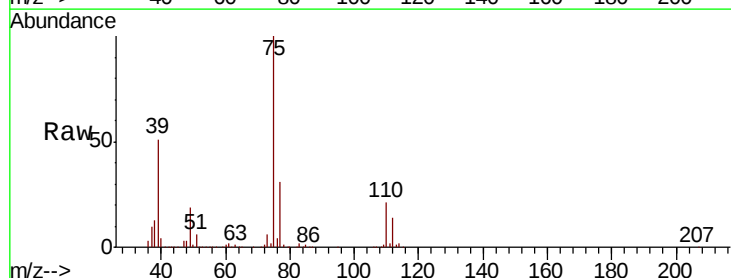
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 170258
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 48.252 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

Tgt Ion: 75 Resp: 189294
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8
 39 50.7 40.6 60.8

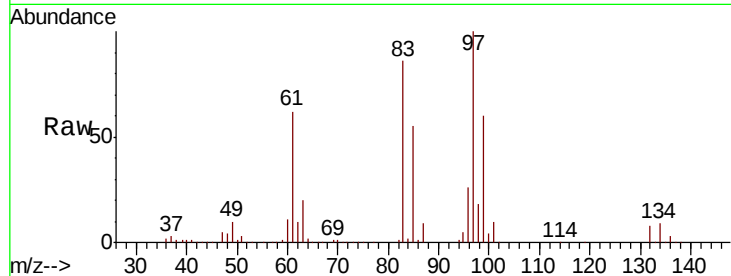




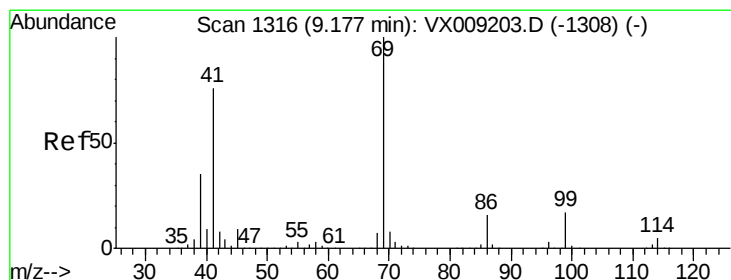
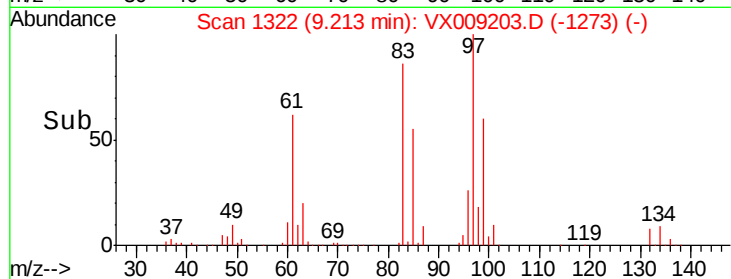
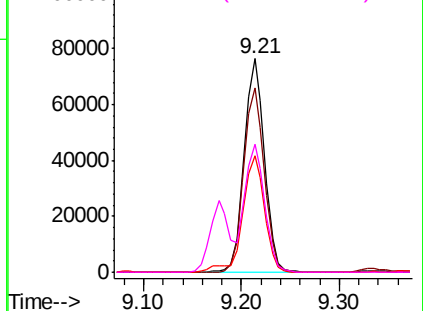
#55
 1,1,2-Trichloroethane
 Concen: 48.013 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 110079
 Ion Ratio Lower Upper
 97 100
 83 86.1 68.9 103.3
 85 54.7 43.8 65.6
 99 60.2 48.2 72.2

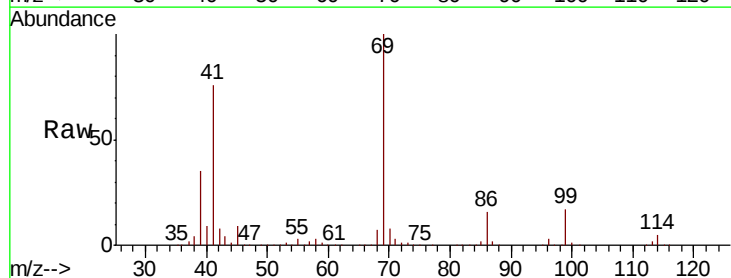


Abundance Ion 96.90 (96.60 to 97.60): VX0
 120000 Ion 82.90 (82.60 to 83.60): VX0
 100000 Ion 84.90 (84.60 to 85.60): VX0
 80000 Ion 98.90 (98.60 to 99.60): VX0

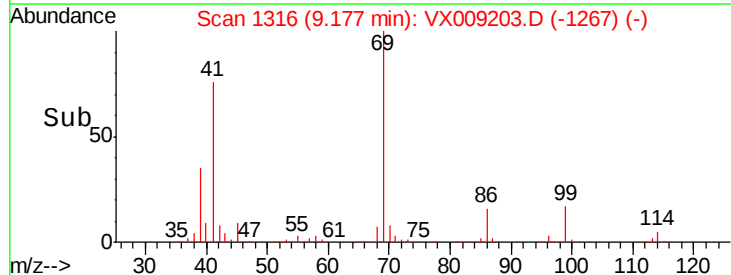
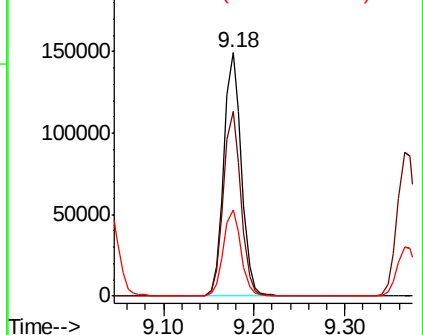


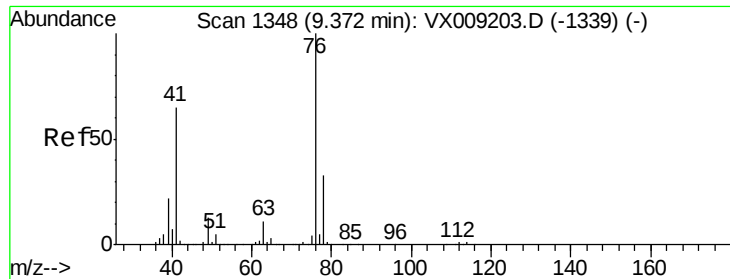
#56
 Ethyl methacrylate
 Concen: 49.055 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

Tgt Ion: 69 Resp: 201410
 Ion Ratio Lower Upper
 69 100
 41 75.7 60.6 90.8
 39 35.3 28.2 42.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 200000 Ion 41.00 (40.70 to 41.70): VX0
 150000 Ion 39.00 (38.70 to 39.70): VX0

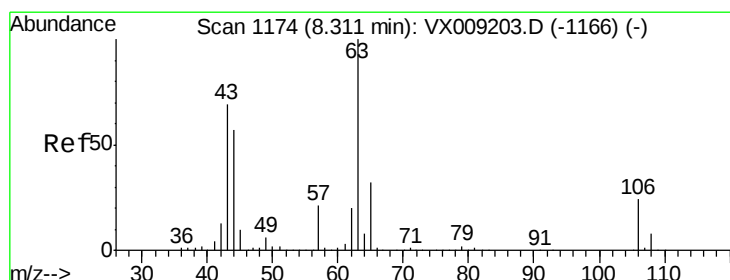
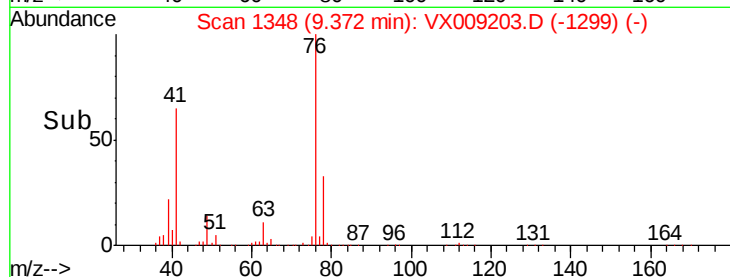
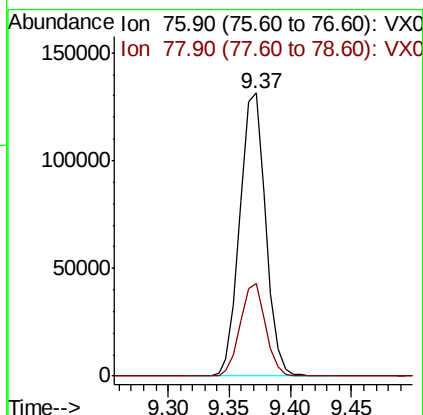
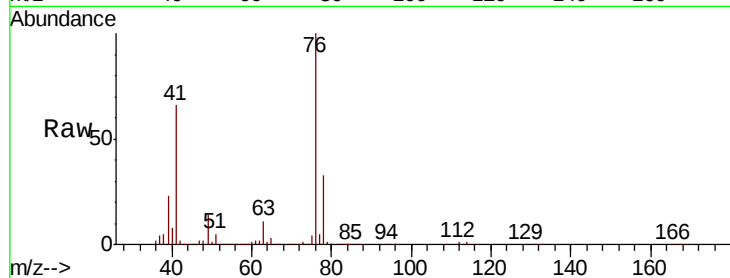




#57
 1,3-Dichloropropane
 Concen: 47.188 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

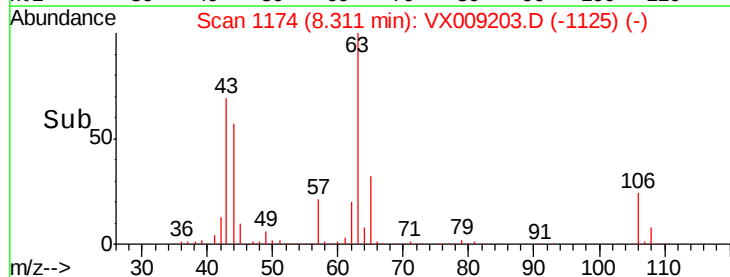
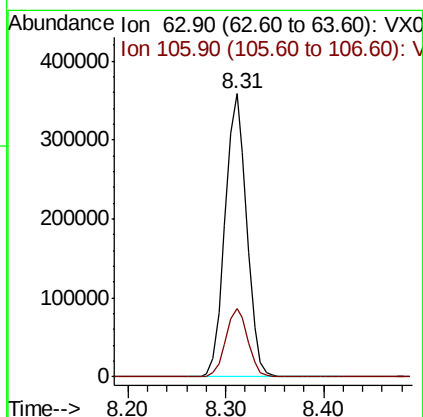
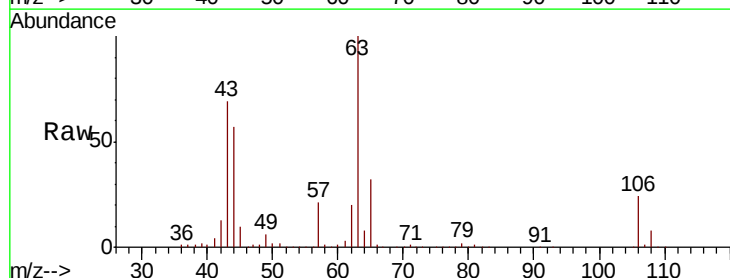
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

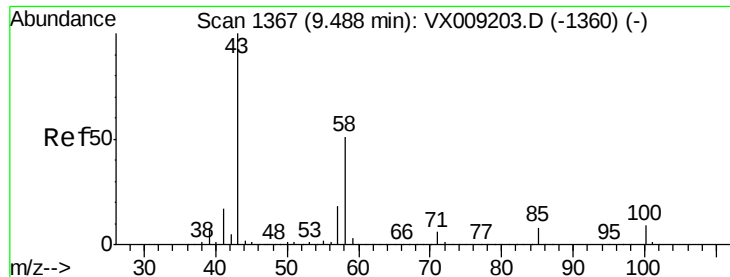
Tgt Ion: 76 Resp: 192025
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.546 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

Tgt Ion: 63 Resp: 551198
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.7 29.5

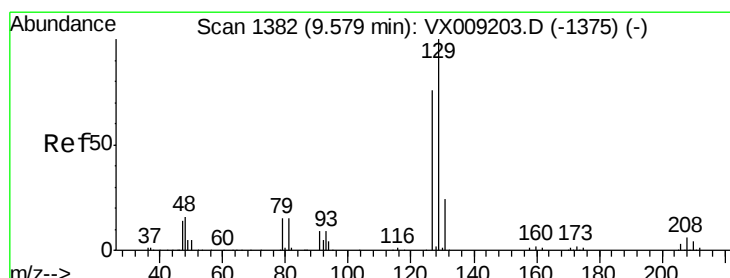
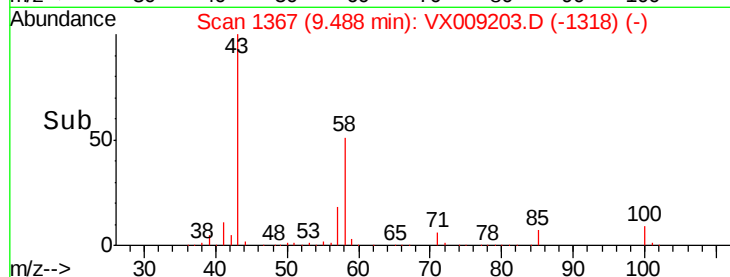
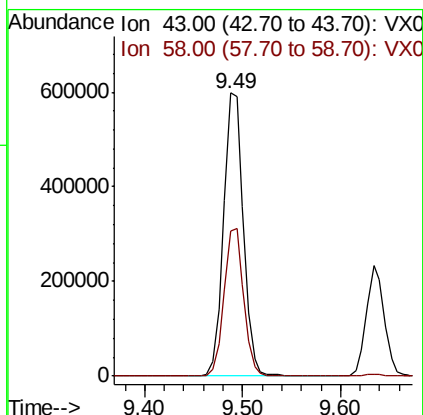
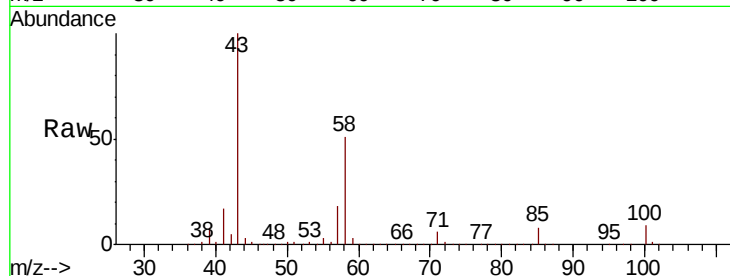




#59
2-Hexanone
Concen: 250.204 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

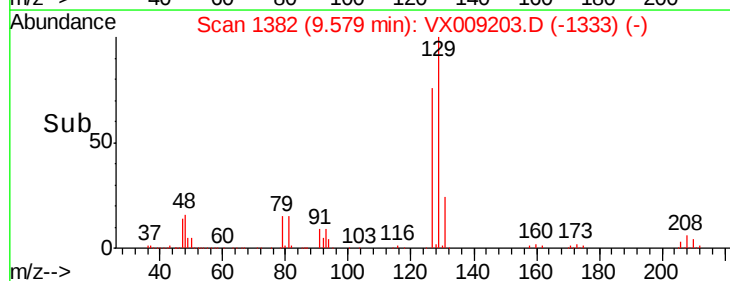
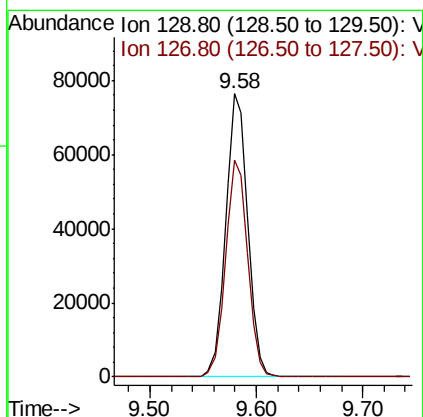
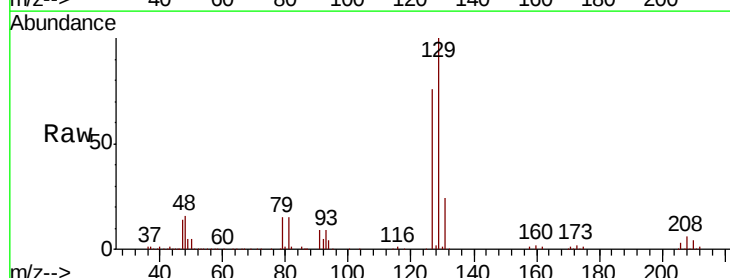
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

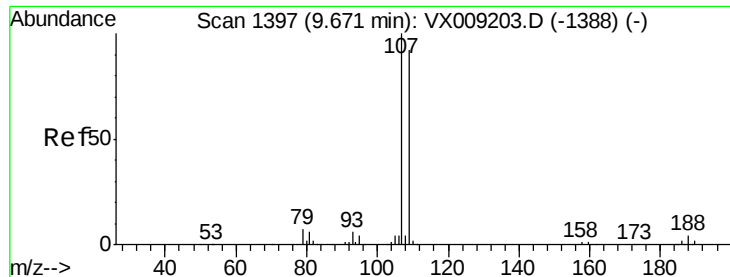
Tgt Ion: 43 Resp: 837672
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7



#60
Dibromochloromethane
Concen: 50.371 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion: 129 Resp: 110669
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 47.670 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

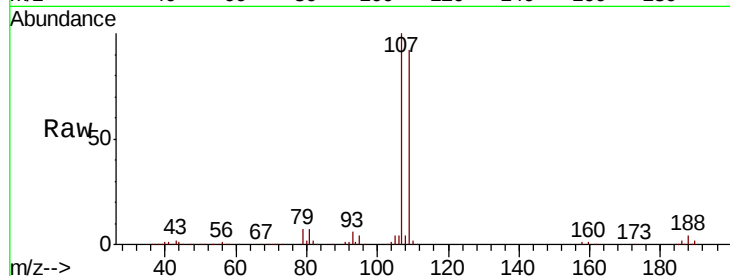
VSTDICCC050

Tgt Ion: 107 Resp: 112327

Ion Ratio Lower Upper

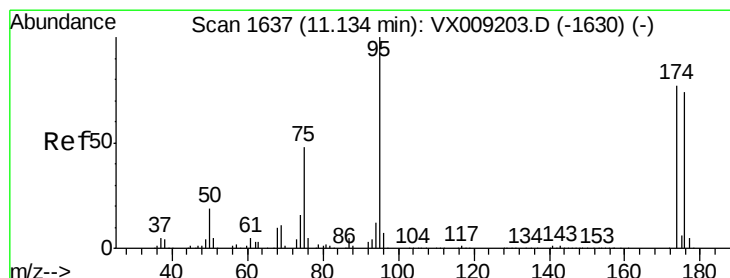
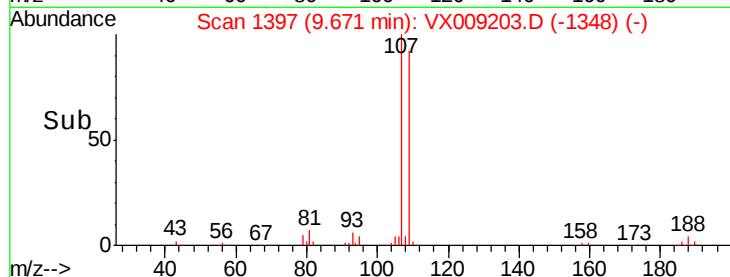
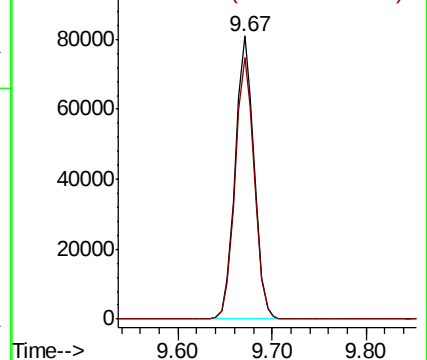
107 100

109 94.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.540 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

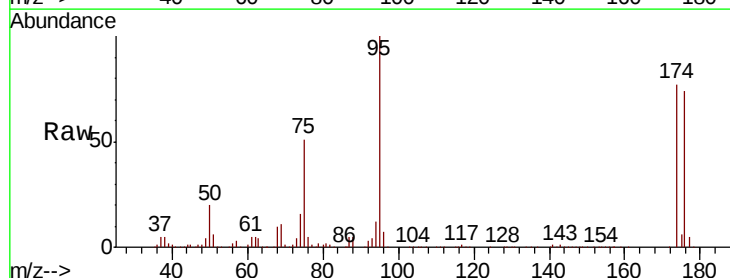
Tgt Ion: 95 Resp: 148924

Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.6

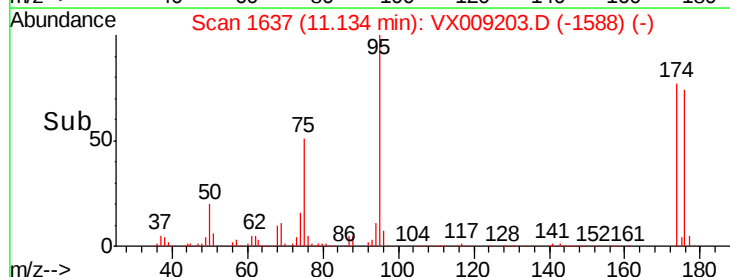
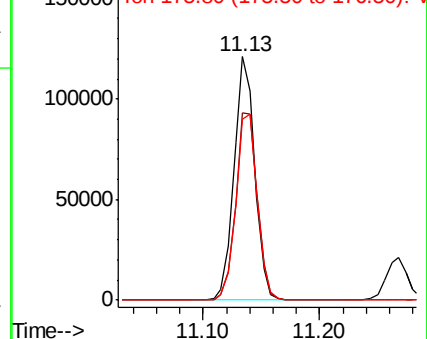
176 79.6 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

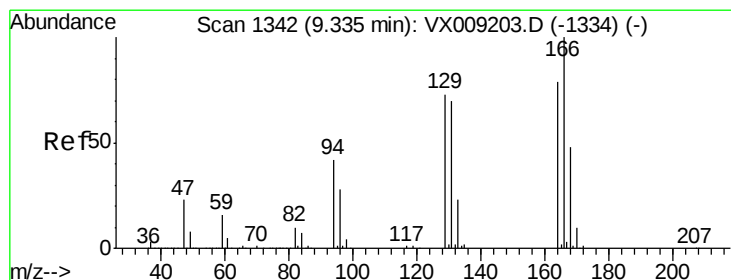
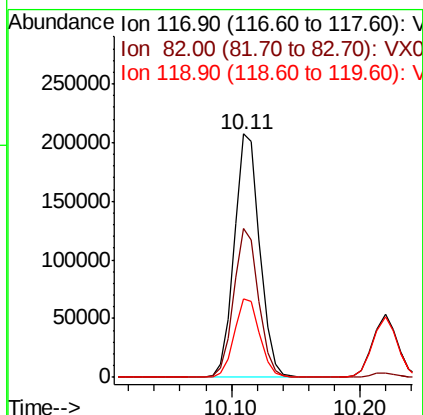
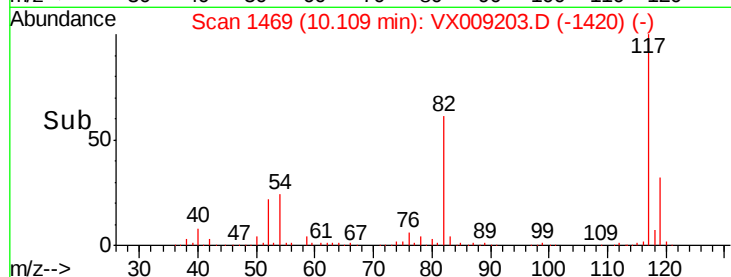
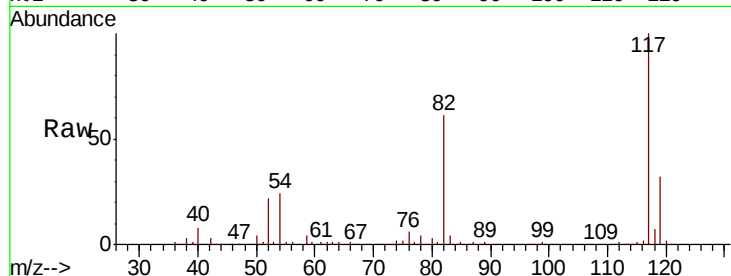




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

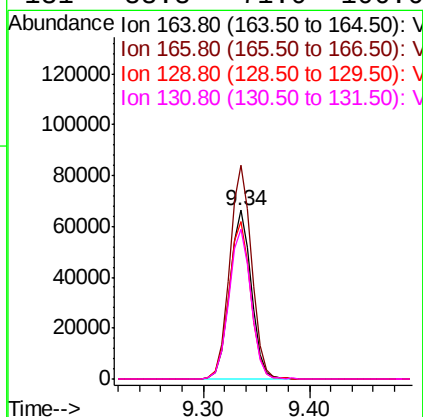
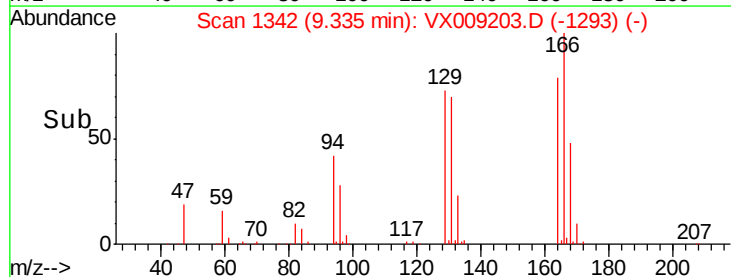
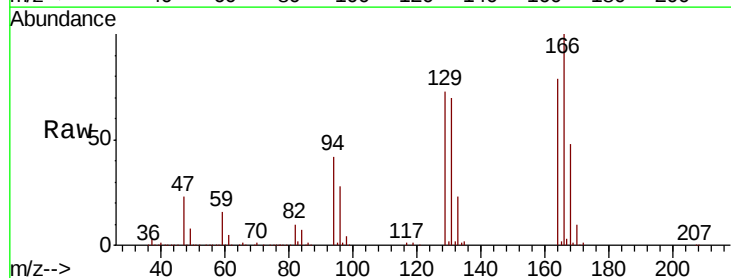
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

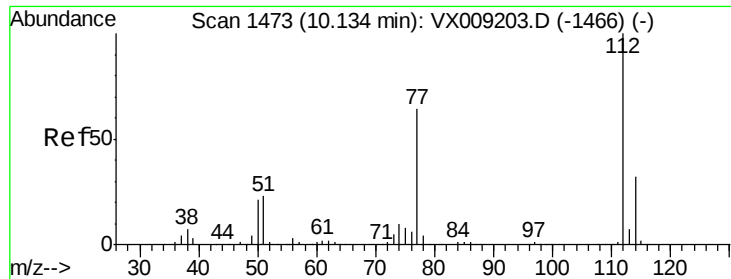
Tgt Ion:117 Resp: 285013
Ion Ratio Lower Upper
117 100
82 61.0 48.8 73.2
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 44.243 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion:164 Resp: 94723
Ion Ratio Lower Upper
164 100
166 126.5 101.2 151.8
129 92.9 74.3 111.5
131 88.8 71.0 106.6





#65

Chlorobenzene

Concen: 46.542 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

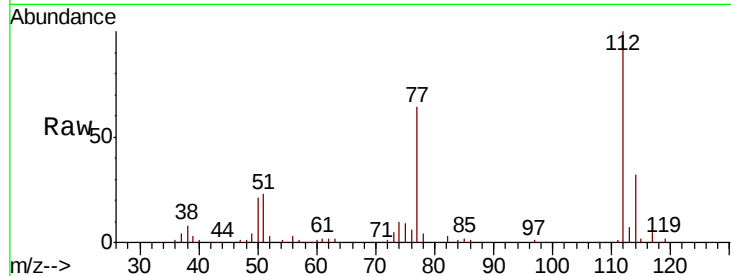
VSTDICCC050

Tgt Ion:112 Resp: 279646

Ion Ratio Lower Upper

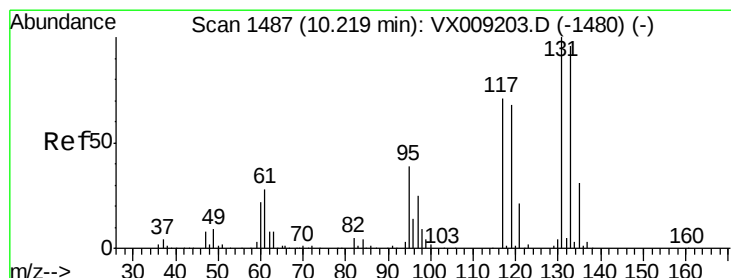
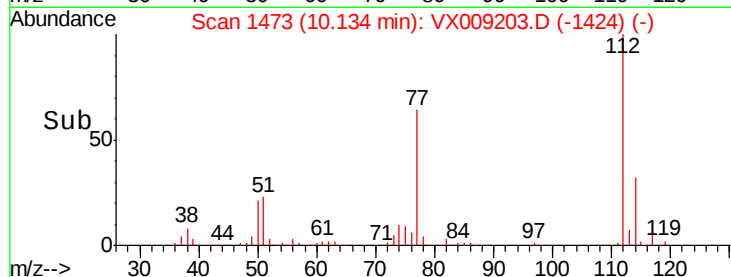
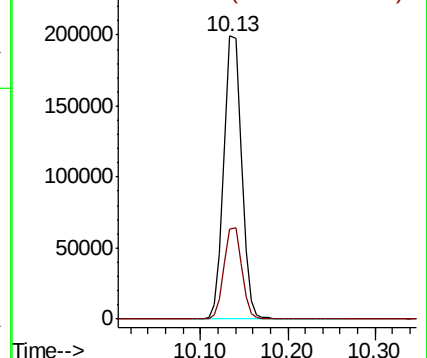
112 100

114 31.9 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.966 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

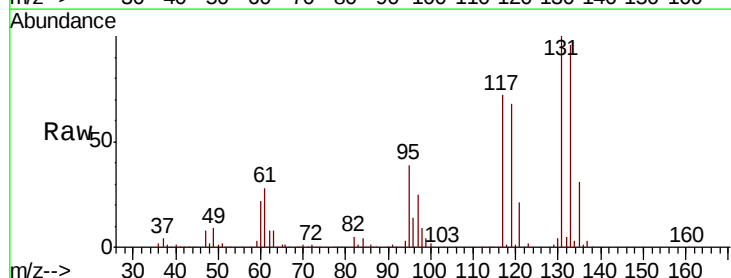
Tgt Ion:131 Resp: 101458

Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

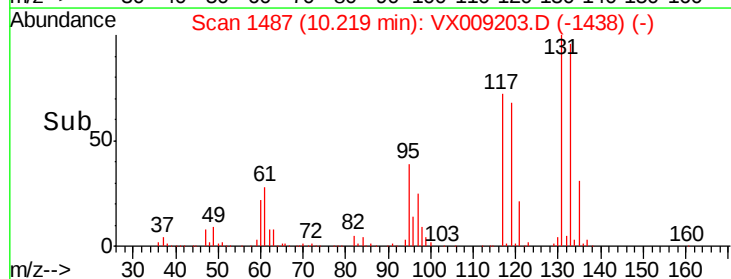
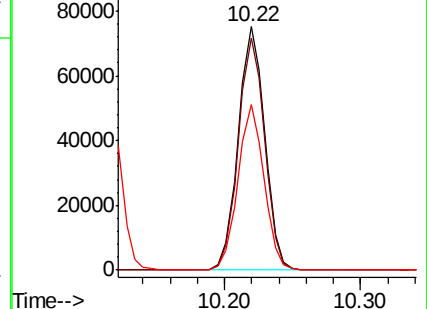
119 66.9 33.5 100.4

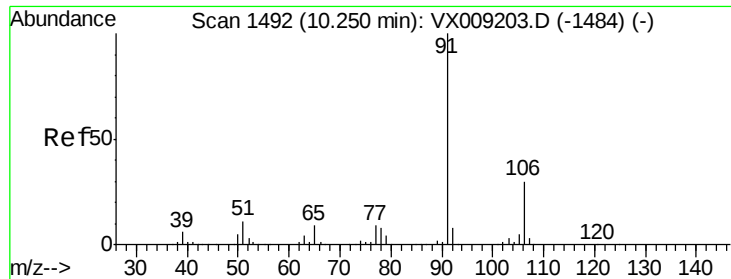


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

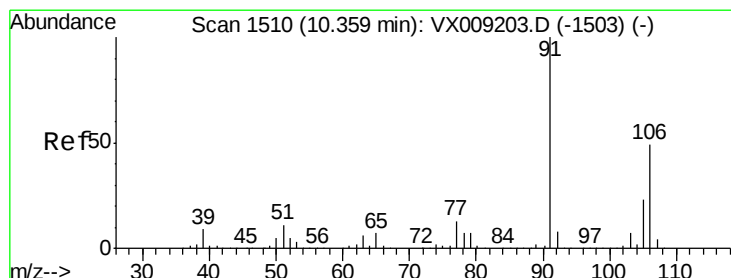
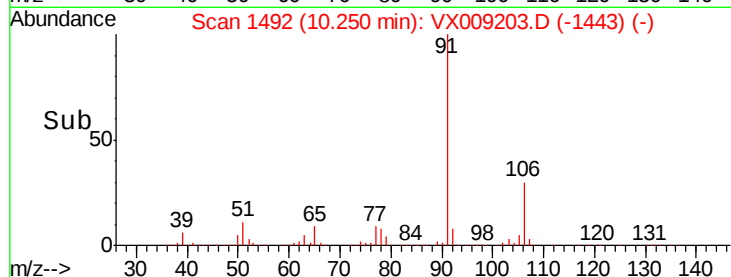
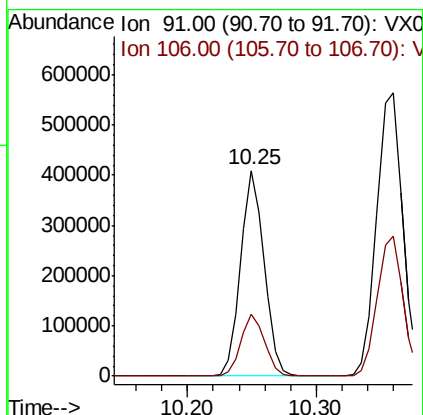
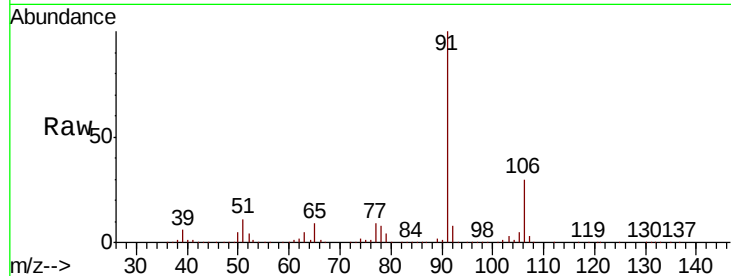




#67
Ethyl Benzene
Concen: 47.221 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

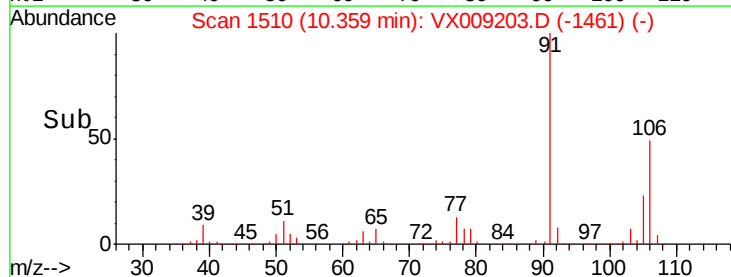
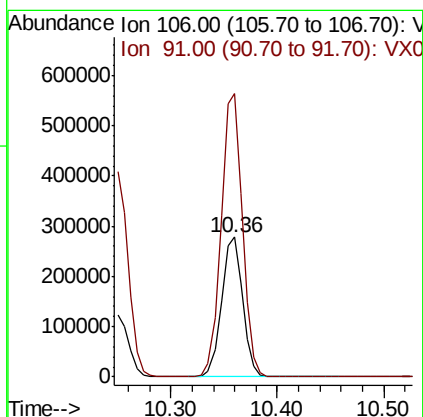
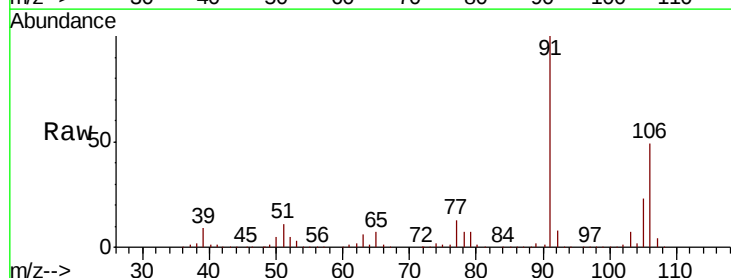
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

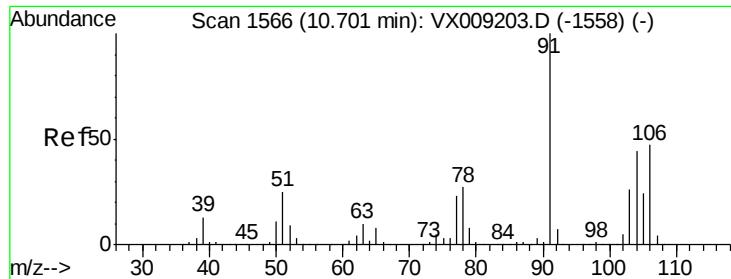
Tgt Ion: 91 Resp: 518065
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0



#68
m/p-Xylenes
Concen: 95.751 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion: 106 Resp: 382882
Ion Ratio Lower Upper
106 100
91 205.0 164.0 246.0

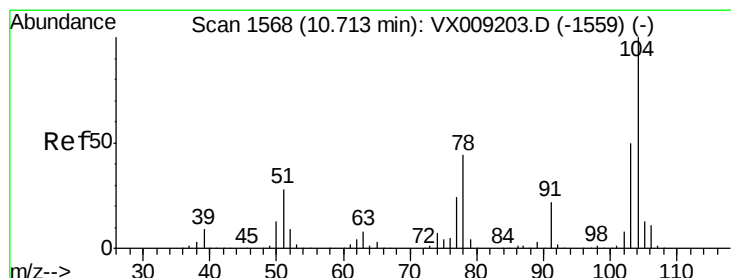
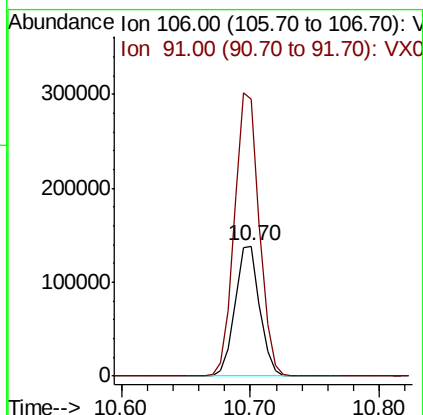
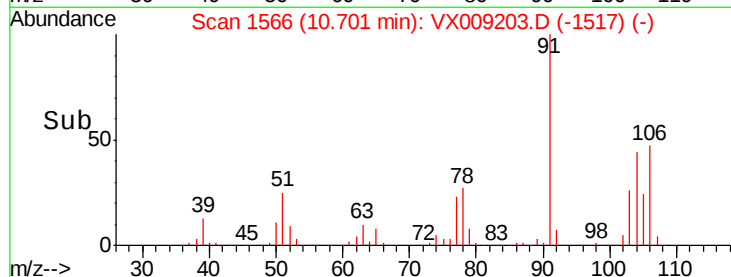
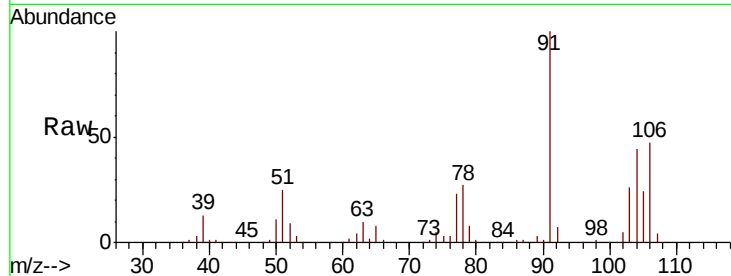




#69
o-Xylene
Concen: 47.606 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

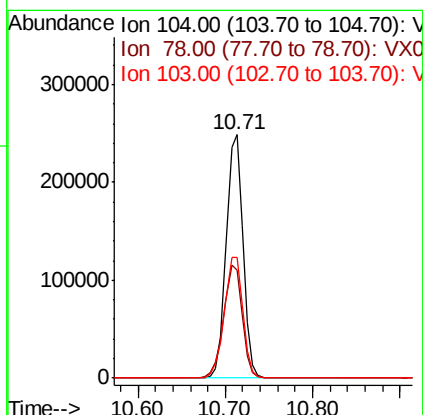
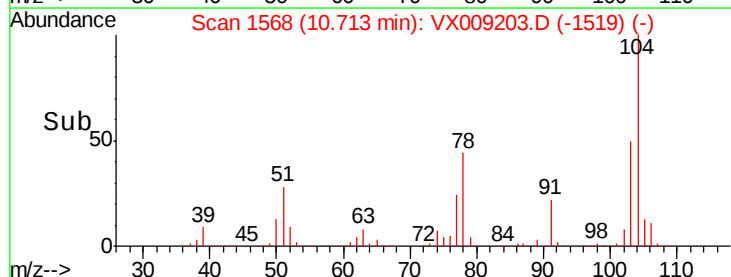
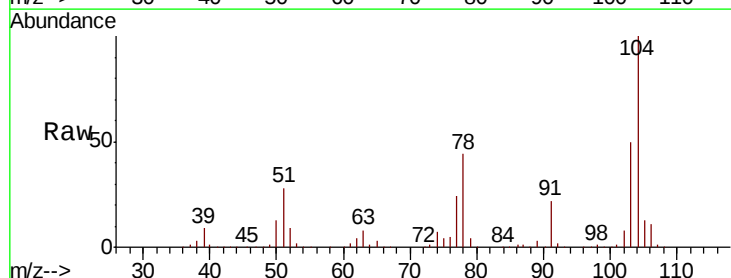
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

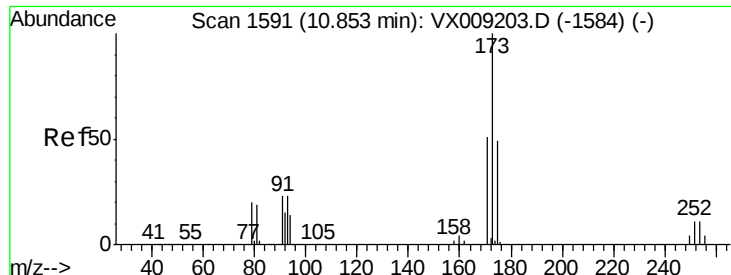
Tgt Ion:106 Resp: 185224
Ion Ratio Lower Upper
106 100
91 218.9 109.5 328.4



#70
Styrene
Concen: 48.905 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion:104 Resp: 330464
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.4
103 54.7 43.8 65.6

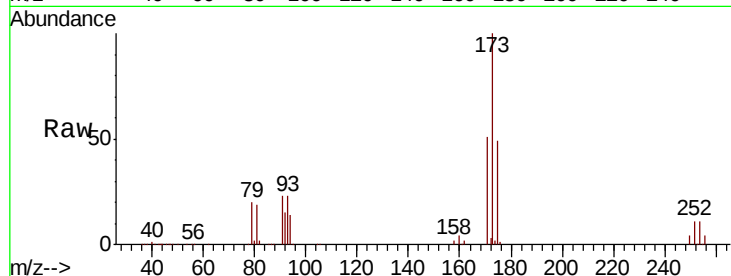




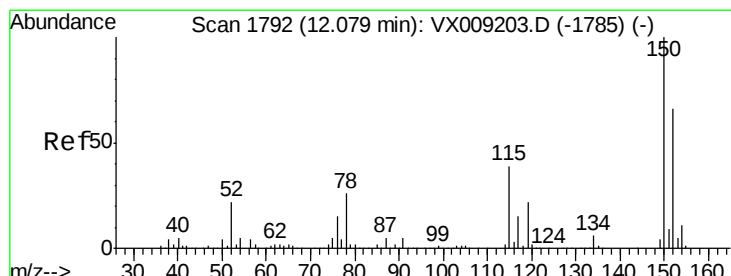
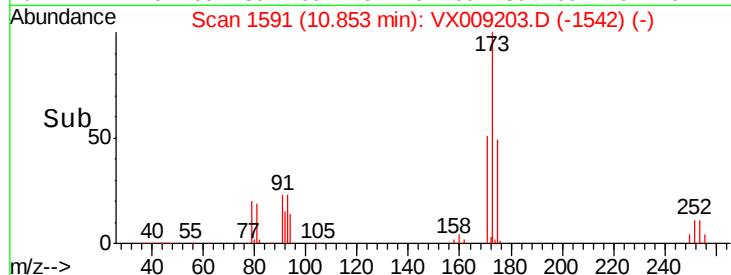
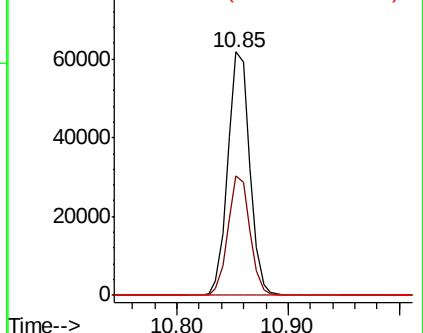
#71
Bromoform
Concen: 49.868 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 84213
Ion Ratio Lower Upper
173 100
175 49.0 24.5 73.5
254 0.1 0.1 0.1#

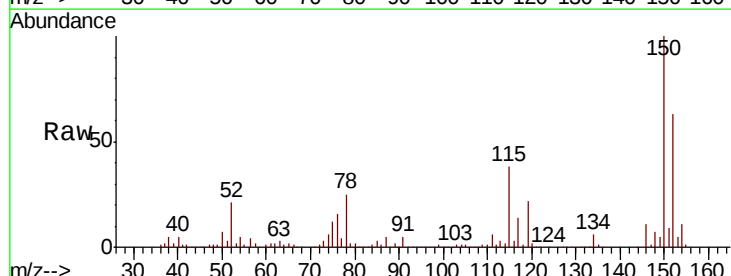


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

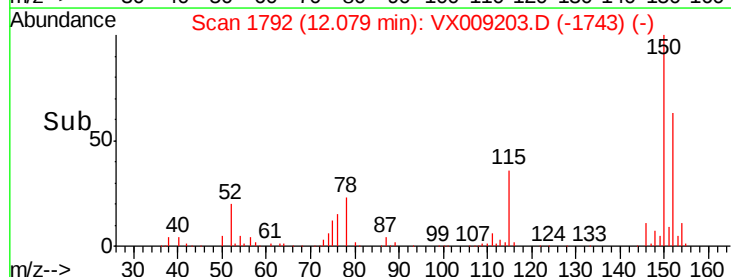
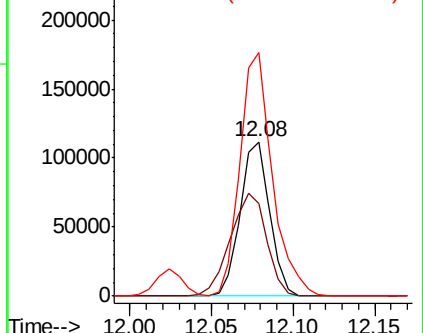


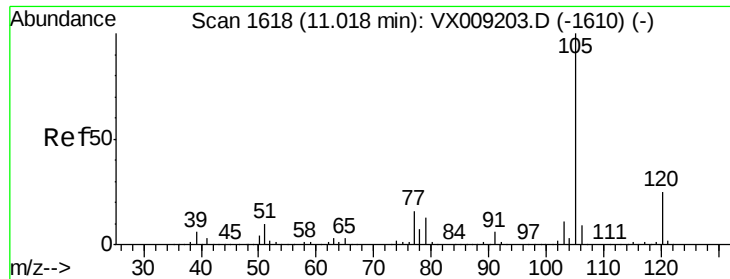
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion:152 Resp: 140856
Ion Ratio Lower Upper
152 100
115 82.4 41.2 123.6
150 173.2 0.0 346.4



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





#73

Isopropylbenzene

Concen: 47.002 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

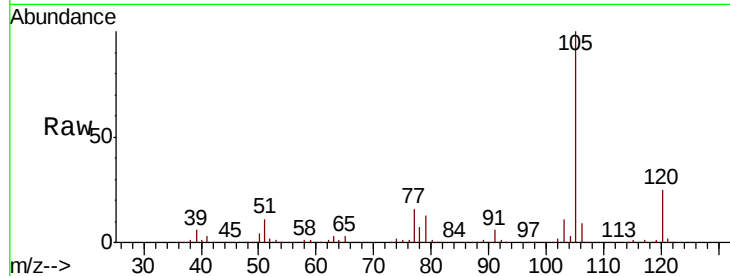
VSTDICCC050

Tgt Ion: 105 Resp: 498688

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

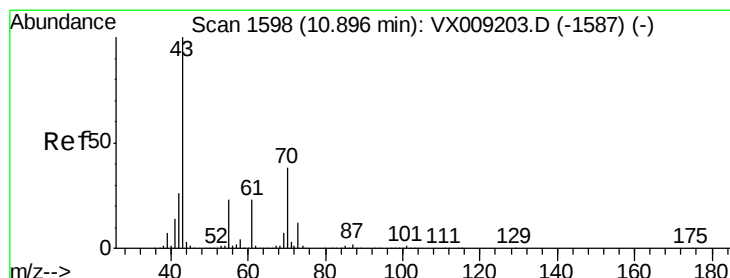
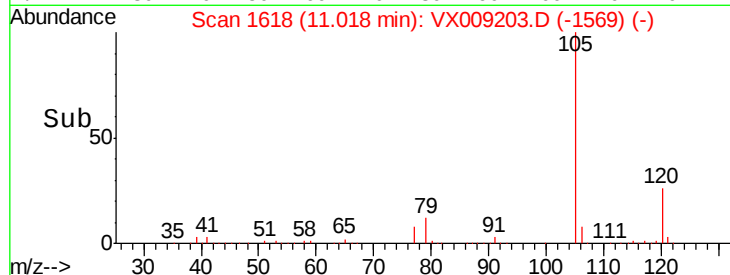
100000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 48.880 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Tgt Ion: 43 Resp: 299349

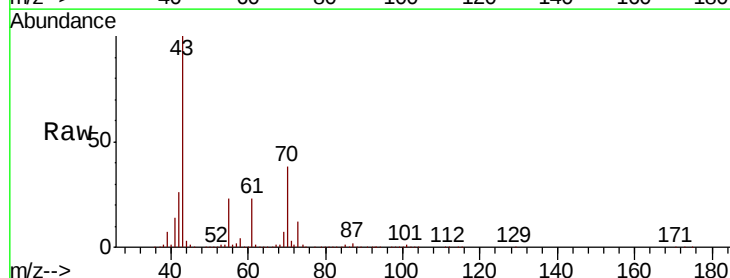
Ion Ratio Lower Upper

43 100

70 37.5 30.0 45.0

55 22.4 17.9 26.9

61 23.0 18.4 27.6



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

400000

300000

200000

100000

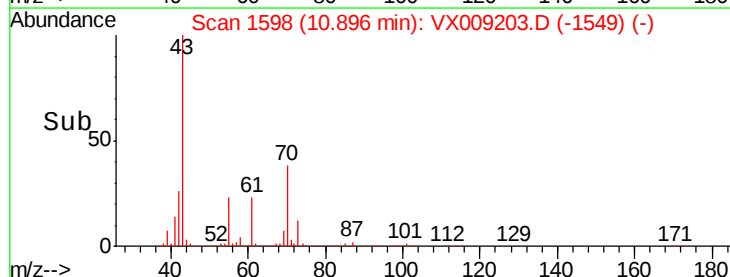
0

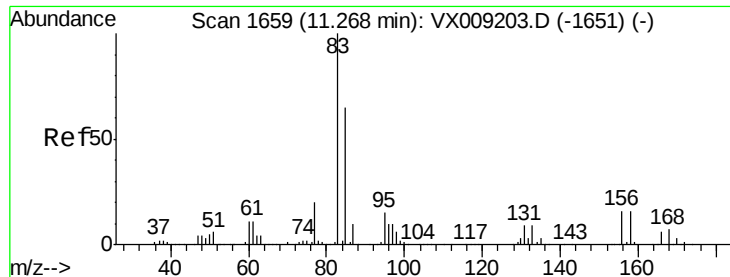
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.374 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

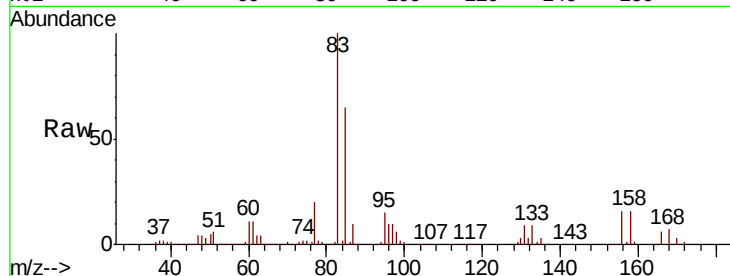
Tgt Ion: 83 Resp: 184730

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

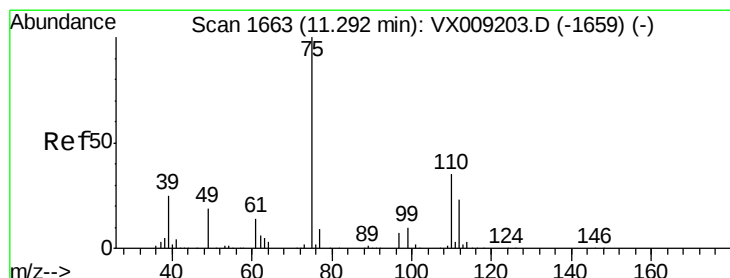
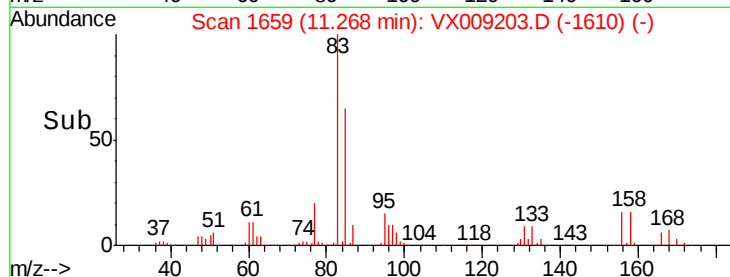
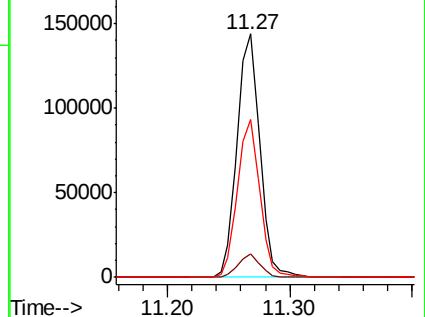
85 64.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.110 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009203.D

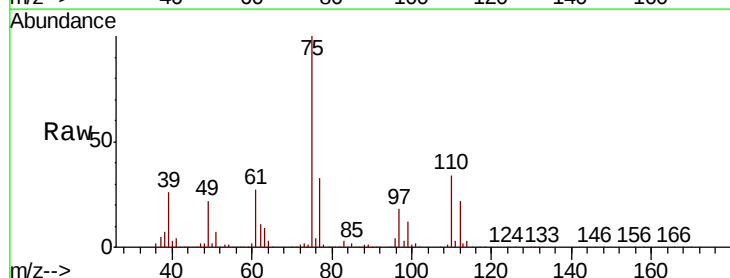
Acq: 29 Apr 2019 12:57

Tgt Ion: 75 Resp: 219640

Ion Ratio Lower Upper

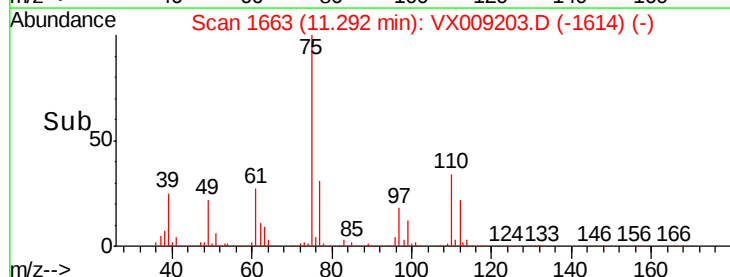
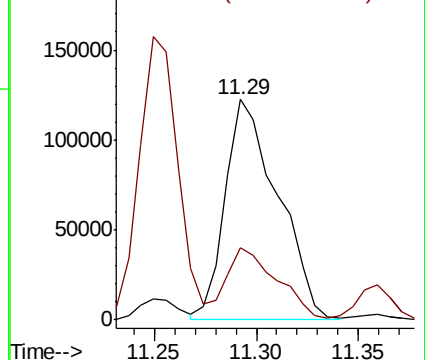
75 100

77 31.8 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.534 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

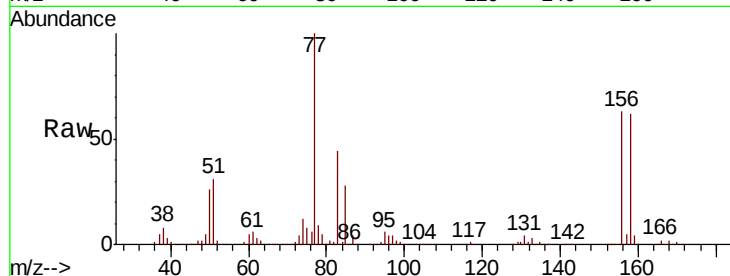
Tgt Ion: 156 Resp: 121936

Ion Ratio Lower Upper

156 100

77 169.5 84.8 254.3

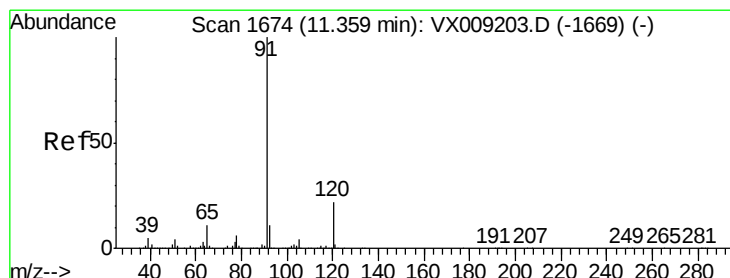
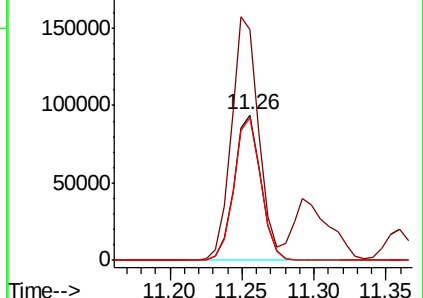
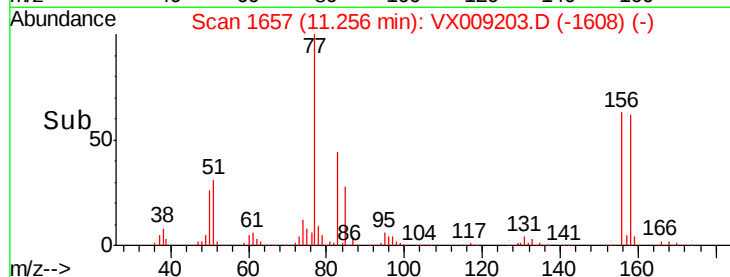
158 98.2 49.1 147.3



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: 47.387 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009203.D

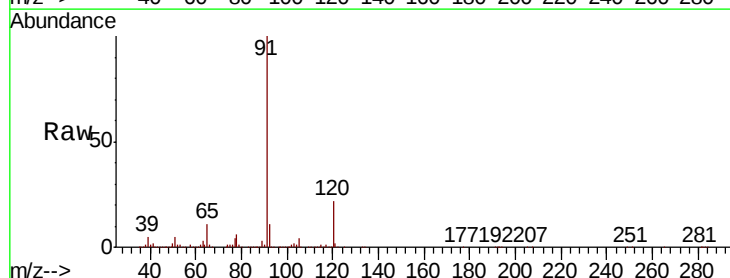
Acq: 29 Apr 2019 12:57

Tgt Ion: 91 Resp: 575894

Ion Ratio Lower Upper

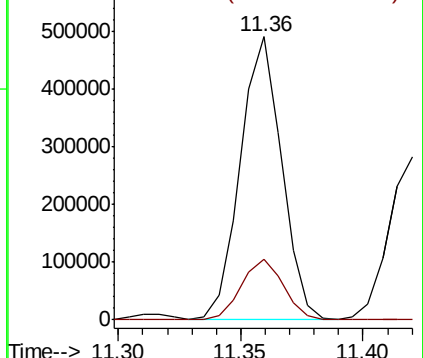
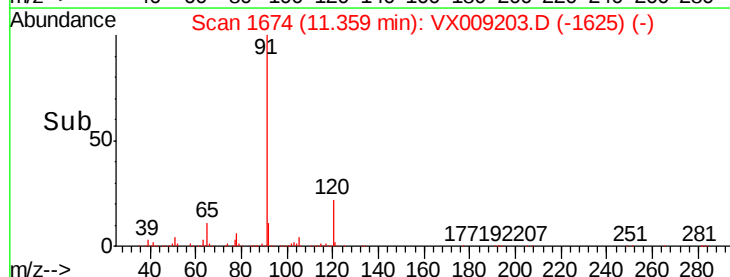
91 100

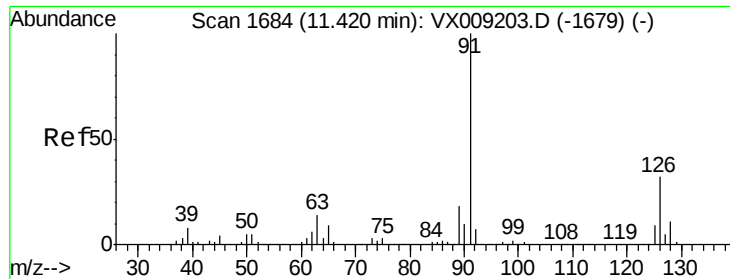
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.277 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampled :

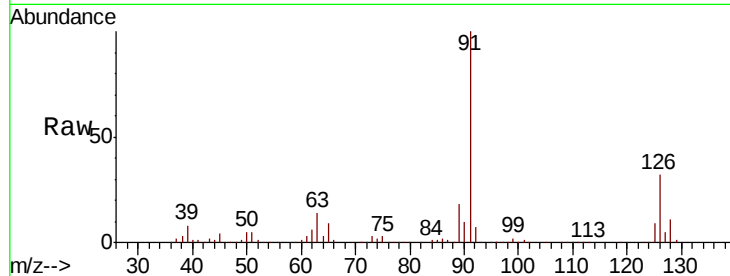
VSTDICCC050

Tgt Ion: 91 Resp: 339787

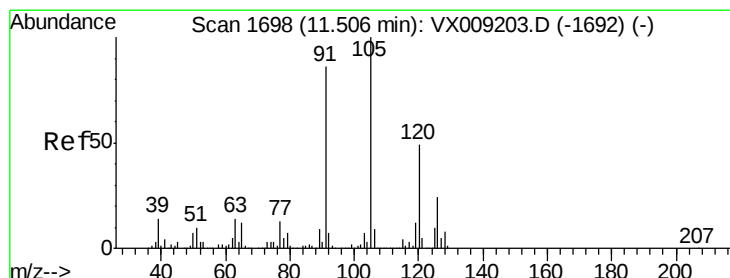
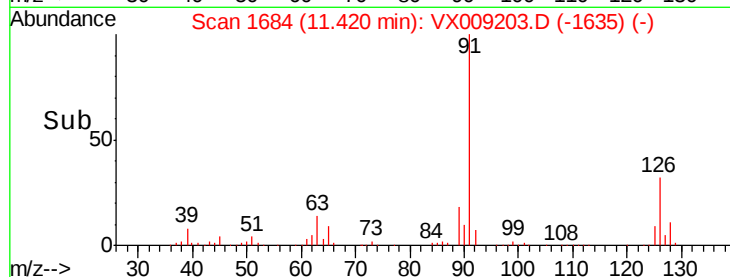
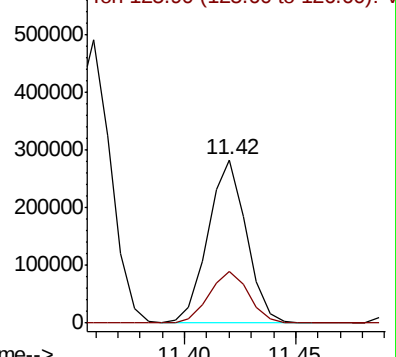
Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.076 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009203.D

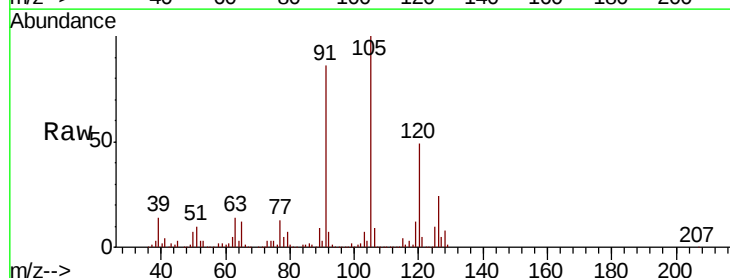
Acq: 29 Apr 2019 12:57

Tgt Ion: 105 Resp: 419429

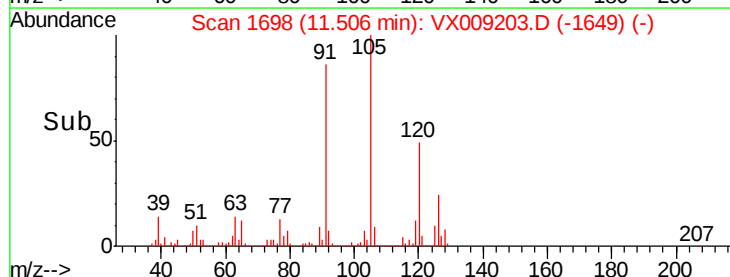
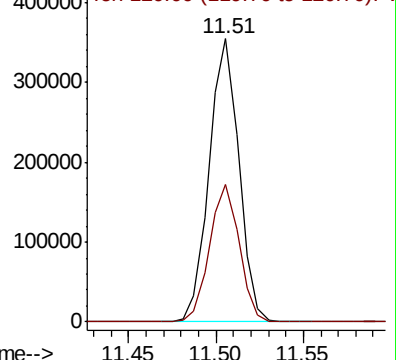
Ion Ratio Lower Upper

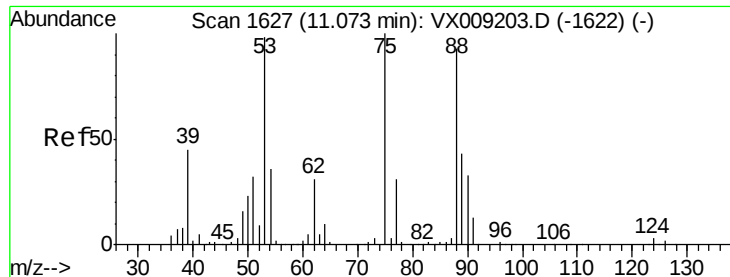
105 100

120 48.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009203.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.871 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

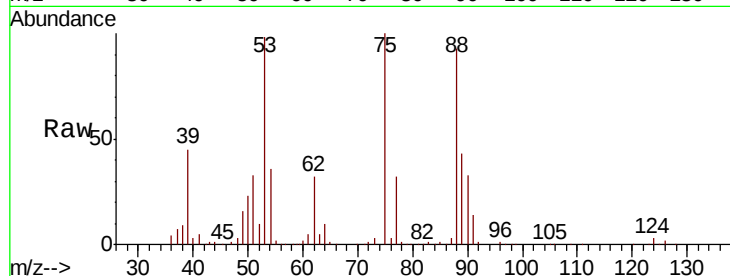
Tgt Ion: 75 Resp: 64594

Ion Ratio Lower Upper

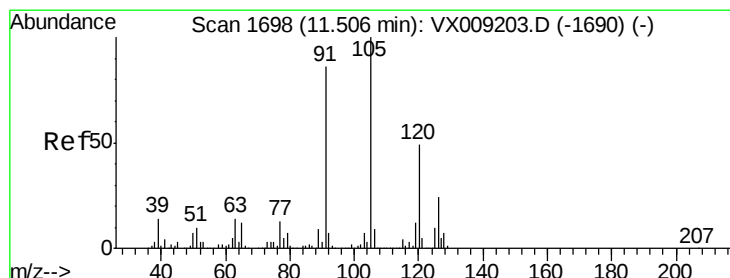
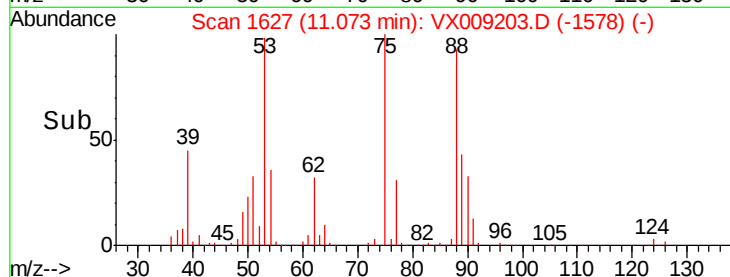
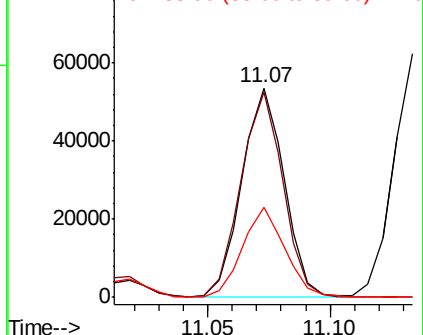
75 100

53 98.8 79.0 118.6

89 43.4 34.7 52.1



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: 46.239 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009203.D

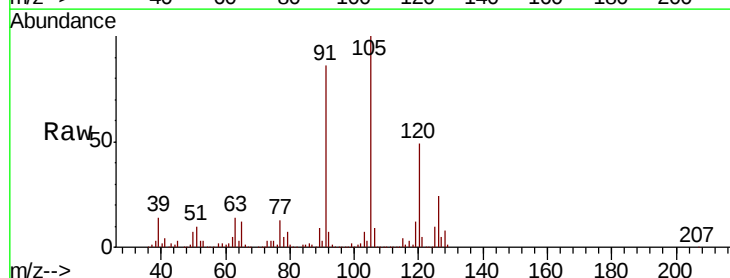
Acq: 29 Apr 2019 12:57

Tgt Ion: 91 Resp: 393988

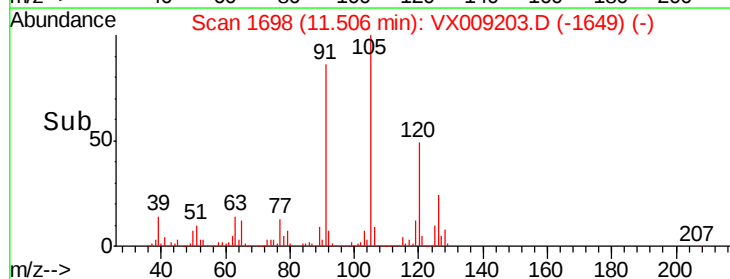
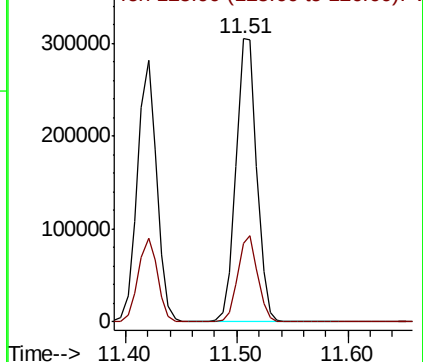
Ion Ratio Lower Upper

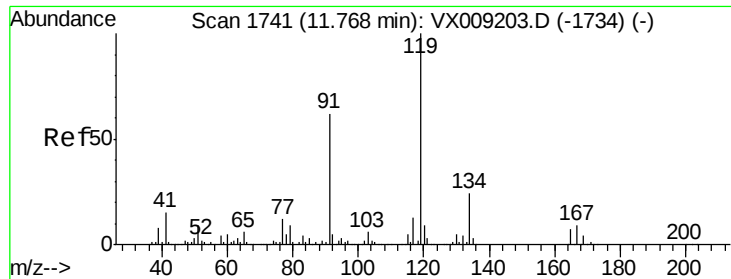
91 100

126 29.1 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

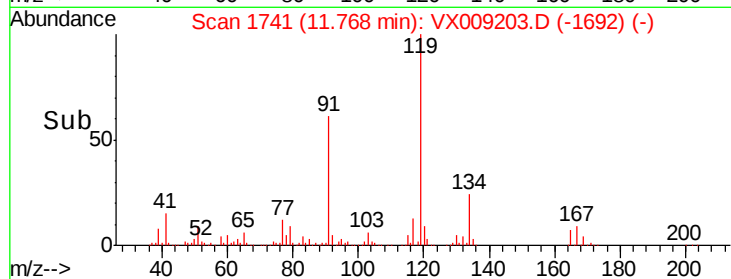
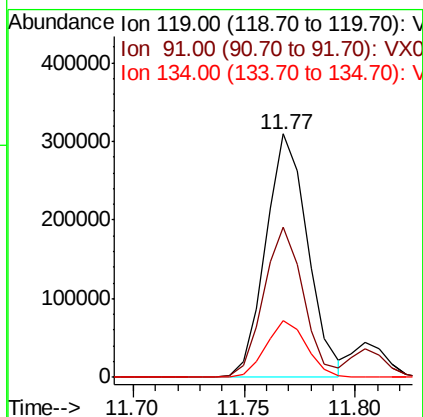
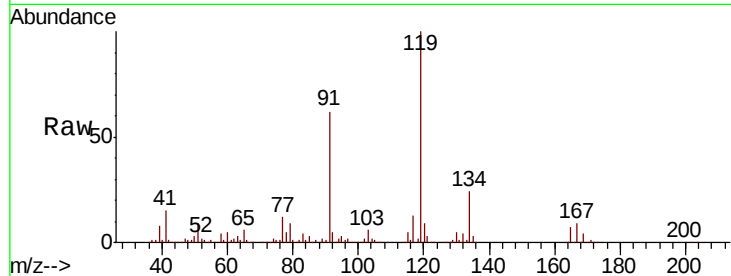




#83
 tert-Butylbenzene
 Concen: 47.205 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

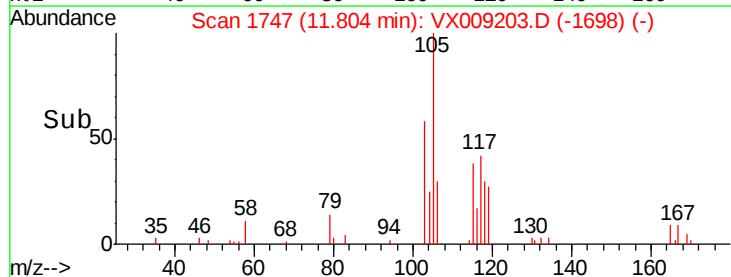
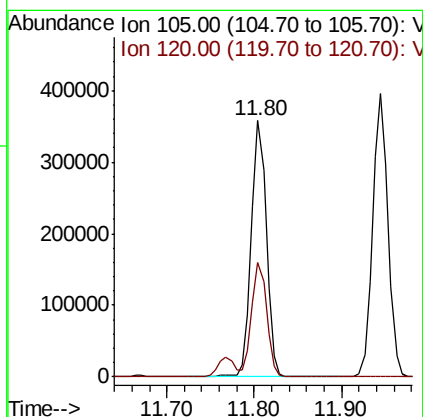
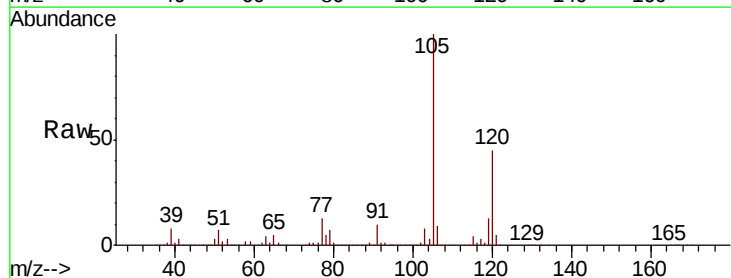
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:119 Resp: 405066
 Ion Ratio Lower Upper
 119 100
 91 59.0 29.5 88.5
 134 22.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 46.752 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

Tgt Ion:105 Resp: 424315
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0





#85

sec-Butylbenzene

Concen: 47.689 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

Instrument :

MSVOA_X

ClientSampleId :

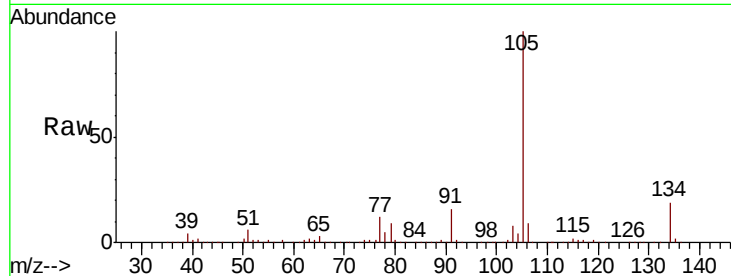
VSTDICCC050

Tgt Ion:105 Resp: 487003

Ion Ratio Lower Upper

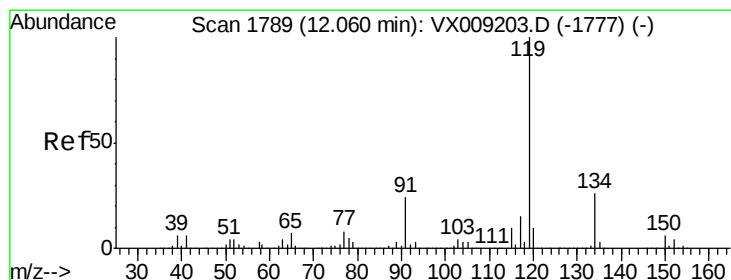
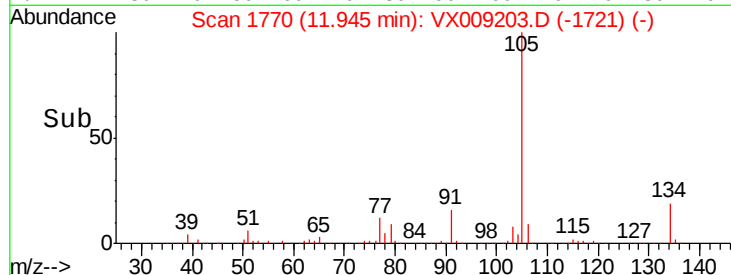
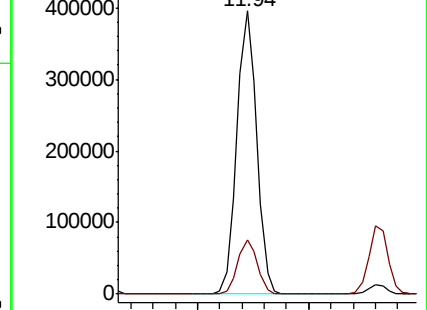
105 100

134 19.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.350 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009203.D

Acq: 29 Apr 2019 12:57

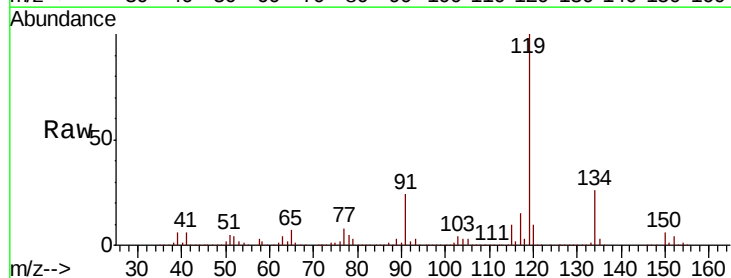
Tgt Ion:119 Resp: 444248

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

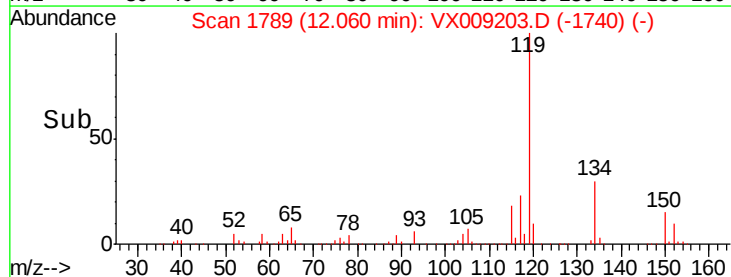
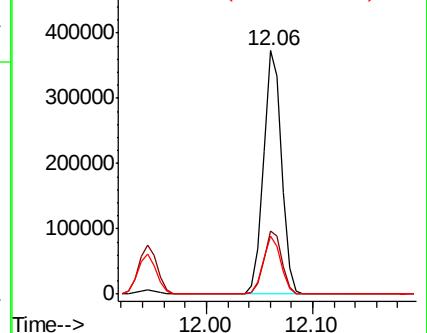
91 23.6 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

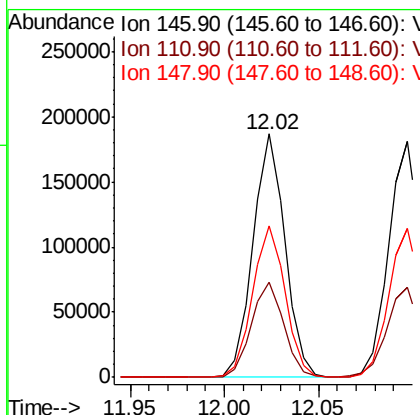
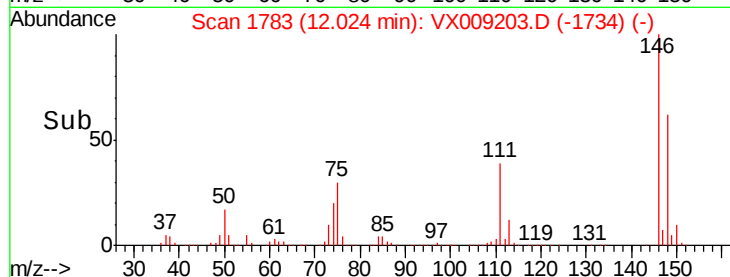
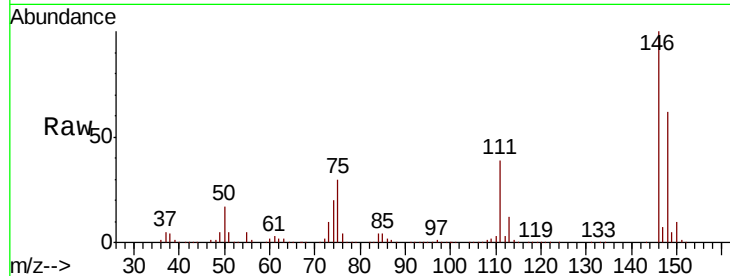




#87
 1,3-Dichlorobenzene
 Concen: 46.734 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

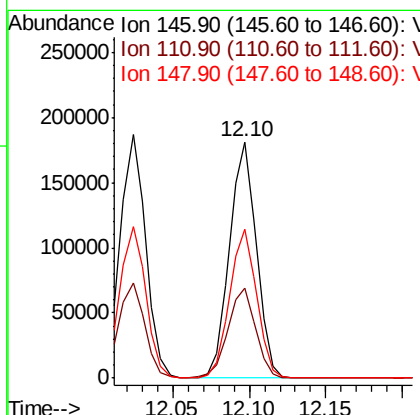
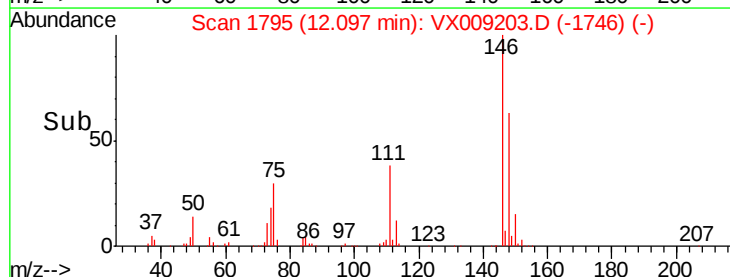
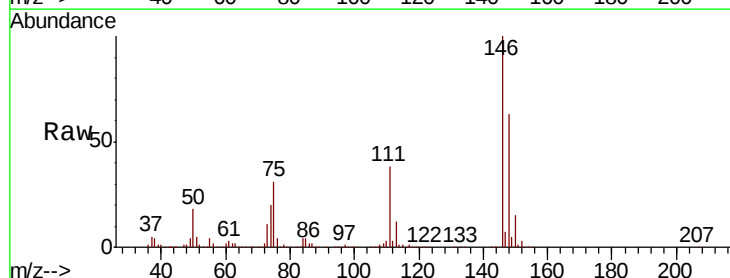
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

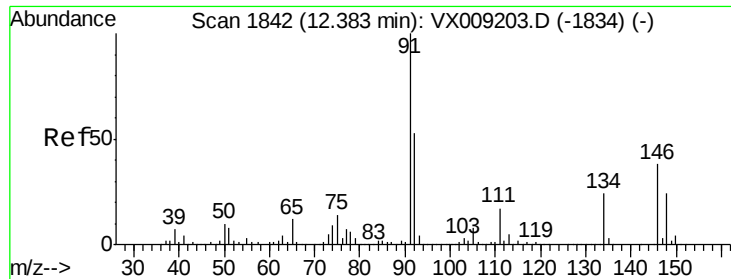
Tgt Ion:146 Resp: 219918
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 46.132 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

Tgt Ion:146 Resp: 220181
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.8
 148 63.5 31.8 95.3

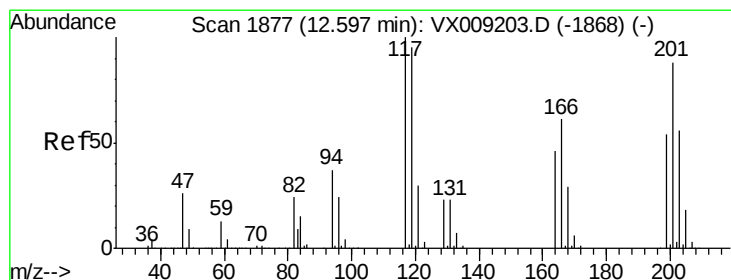
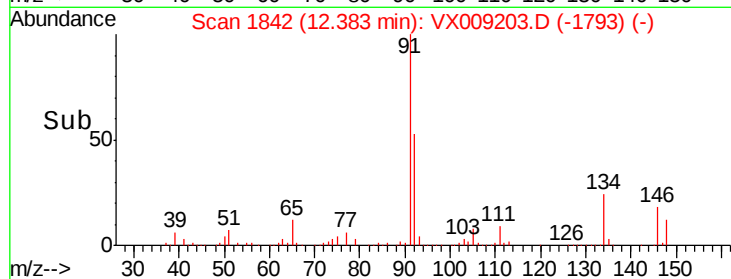
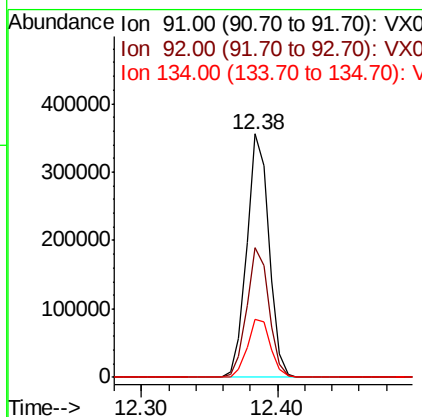
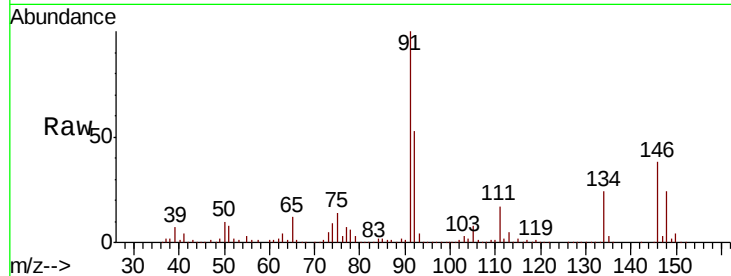




#89
n-Butylbenzene
Concen: 46.772 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

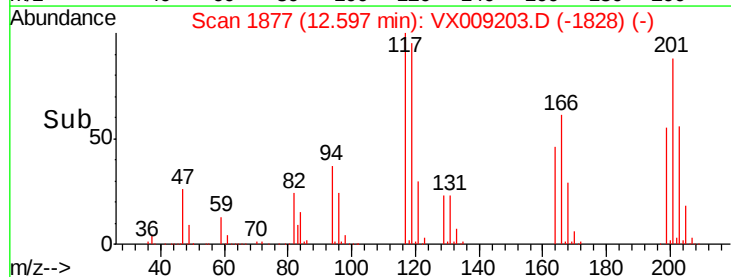
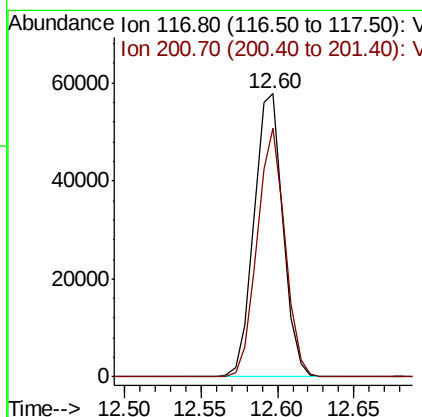
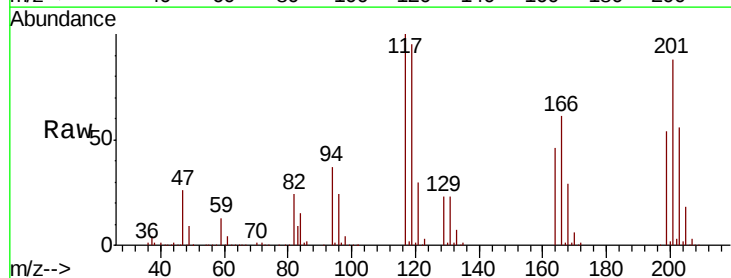
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

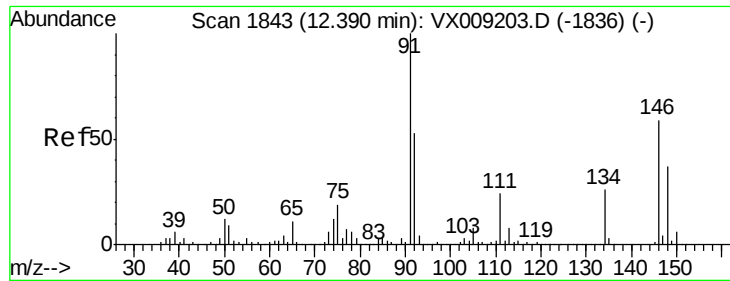
Tgt Ion: 91 Resp: 406308
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 24.8 12.4 37.2



#90
Hexachloroethane
Concen: 49.123 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion: 117 Resp: 76109
Ion Ratio Lower Upper
117 100
201 84.6 42.3 126.9

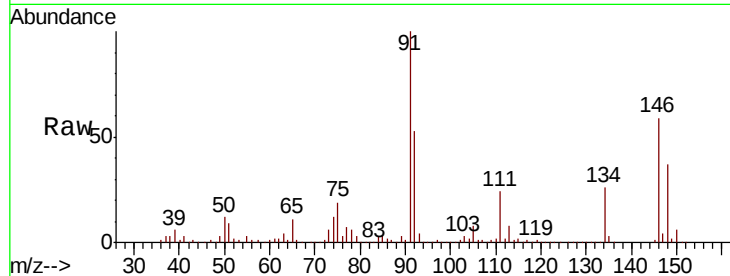




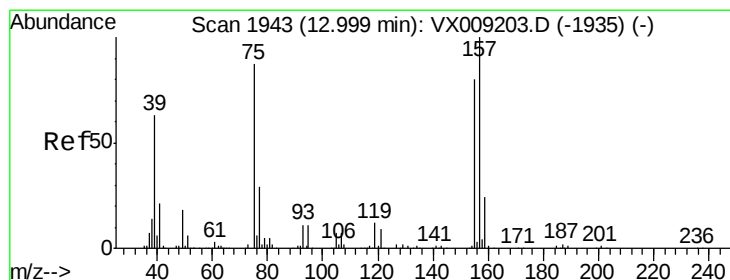
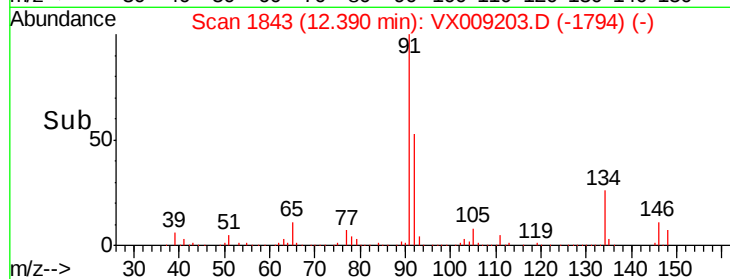
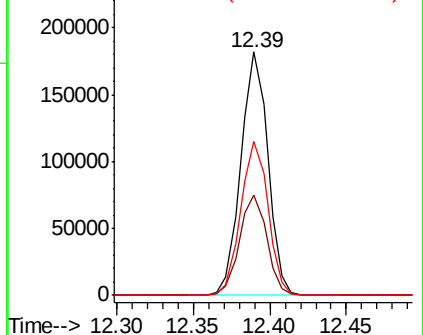
#91
 1,2-Dichlorobenzene
 Concen: 47.753 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 146 Resp: 223019
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.4
 148 63.9 31.9 95.9

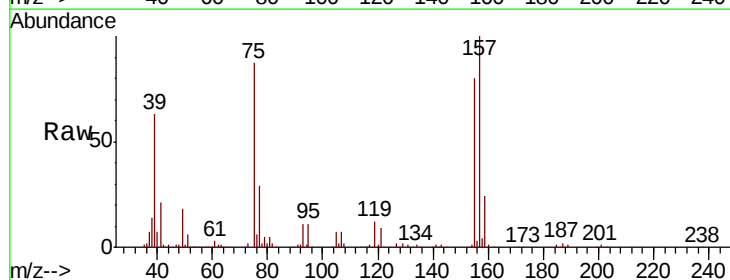


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

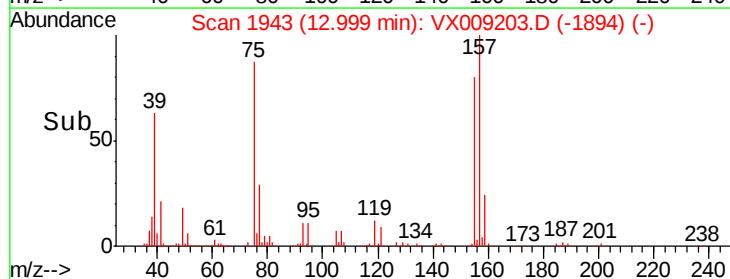
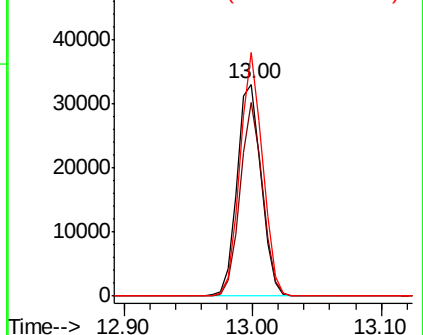


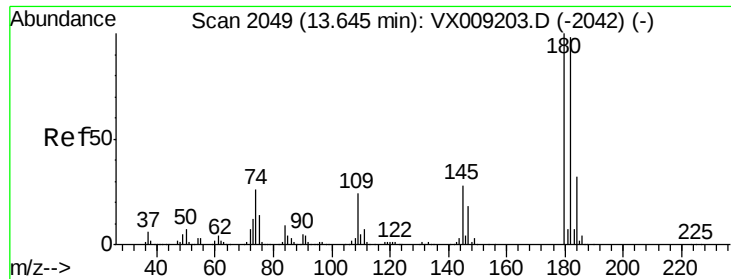
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.477 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

Tgt Ion: 75 Resp: 43245
 Ion Ratio Lower Upper
 75 100
 155 84.0 42.0 126.0
 157 106.4 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

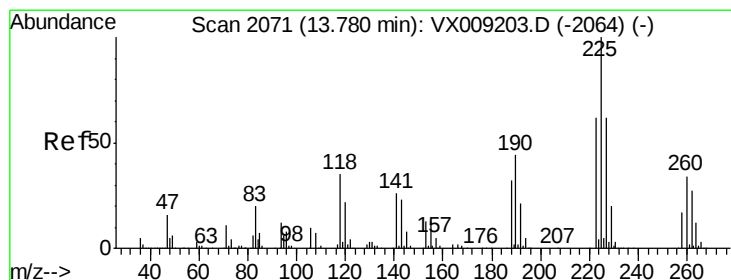
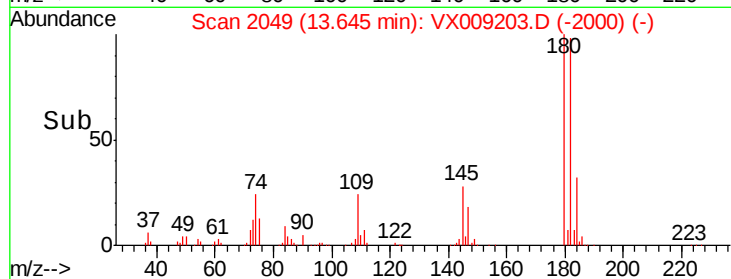
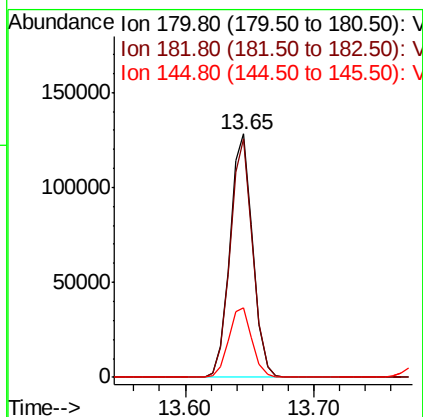
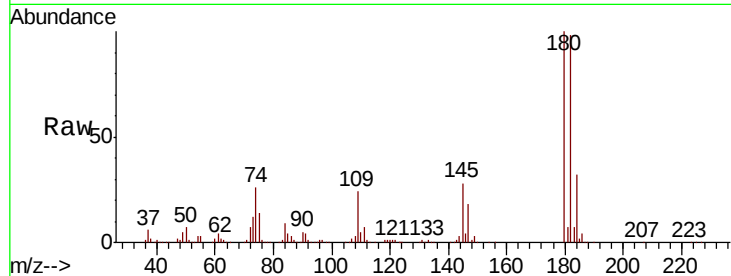




#93
 1,2,4-Trichlorobenzene
 Concen: 47.190 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

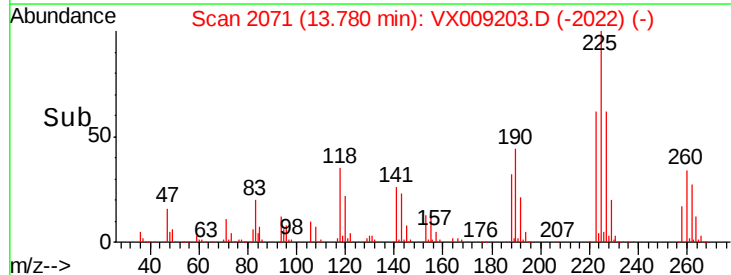
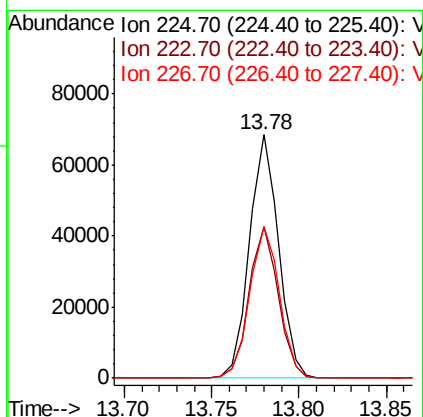
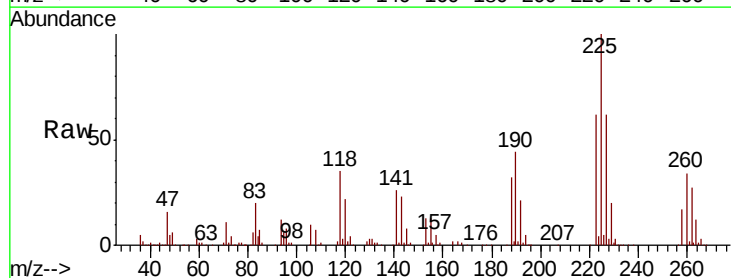
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

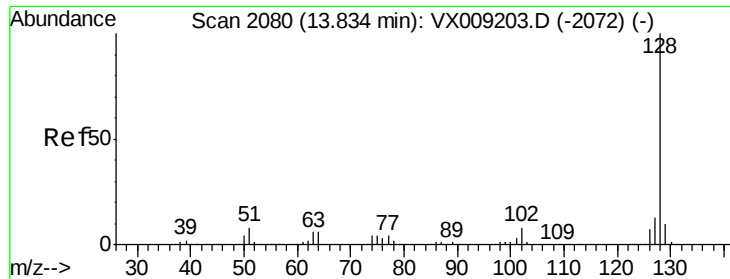
Tgt Ion:180 Resp: 158242
 Ion Ratio Lower Upper
 180 100
 182 96.8 48.4 145.2
 145 29.2 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 47.288 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009203.D
 Acq: 29 Apr 2019 12:57

Tgt Ion:225 Resp: 79128
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.3 93.8
 227 63.5 31.8 95.3

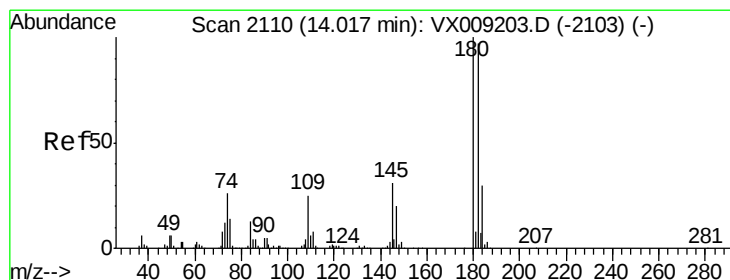
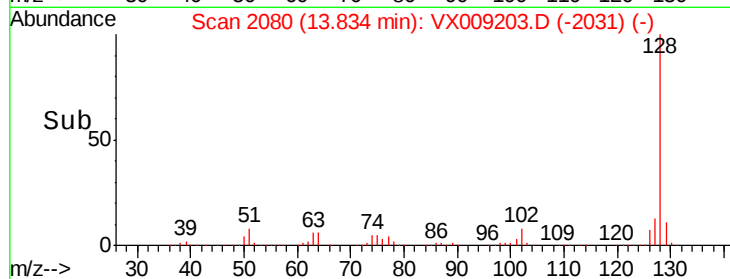
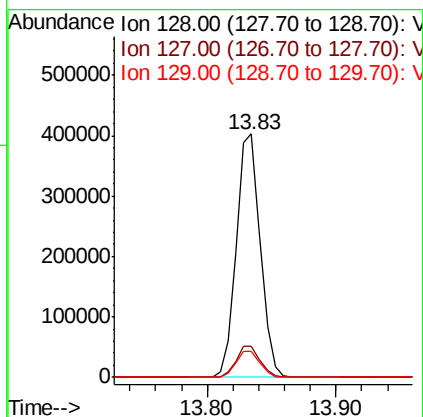
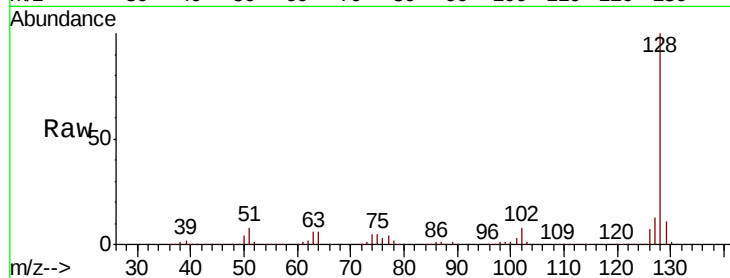




#95
Naphthalene
Concen: 48.213 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 519820
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.739 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009203.D
Acq: 29 Apr 2019 12:57

Tgt Ion:180 Resp: 158669
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.4
145 30.9 15.4 46.4

