

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX042919\
 Data File : VX009204.D
 Acq On : 29 Apr 2019 13:20
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 30 06:45:25 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	5.66	168	190128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	309274	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143425	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	251468	93.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.70%	
35) Dibromofluoromethane	5.49	113	189023	94.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.76%	
50) Toluene-d8	8.71	98	770117	96.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.42%	
62) 4-Bromofluorobenzene	11.13	95	294537	104.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	184131	87.317	ug/l	99
3) Chloromethane	1.32	50	238178	89.676	ug/l	100
4) Vinyl Chloride	1.41	62	240863	93.416	ug/l	98
5) Bromomethane	1.64	94	147949	88.039	ug/l	98
6) Chloroethane	1.70	64	150495	98.353	ug/l	99
7) Trichlorofluoromethane	1.92	101	289105	95.454	ug/l	99
8) Diethyl Ether	2.18	74	132176	94.843	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	181420	93.497	ug/l	100
10) Methyl Iodide	2.51	142	221936	115.567	ug/l	99
11) Tert butyl alcohol	3.06	59	307475	513.706	ug/l	100
12) 1,1-Dichloroethene	2.37	96	185673	92.011	ug/l	96
13) Acrolein	2.29	56	268979	521.693	ug/l	99
14) Allyl chloride	2.72	41	442270	99.997	ug/l	99
15) Acrylonitrile	3.14	53	739602	492.109	ug/l	100
16) Acetone	2.45	43	687918	496.366	ug/l	99
17) Carbon Disulfide	2.56	76	534271	85.937	ug/l	100
18) Methyl Acetate	2.78	43	326032	94.089	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	706664	97.641	ug/l	100
20) Methylene Chloride	2.85	84	220107	92.630	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	197661	91.748	ug/l	100
22) Diisopropyl ether	3.85	45	842564	97.629	ug/l	99
23) Vinyl Acetate	3.81	43	3770147	499.700	ug/l	100
24) 1,1-Dichloroethane	3.70	63	413472	95.647	ug/l	100
25) 2-Butanone	4.68	43	1126870	509.445	ug/l	99
26) 2,2-Dichloropropane	4.58	77	315073	97.182	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	234139	95.348	ug/l	99
28) Bromochloromethane	5.01	49	165397	81.400	ug/l	99
29) Tetrahydrofuran	5.13	42	721699	487.957	ug/l	100
30) Chloroform	5.21	83	376533	97.277	ug/l	100
31) Cyclohexane	5.57	56	396207	93.708	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	317528	99.103	ug/l	100
36) 1,1-Dichloropropene	5.80	75	295573	93.267	ug/l	100
37) Ethyl Acetate	4.84	43	412867	101.208	ug/l	99
38) Carbon Tetrachloride	5.78	117	268060	99.312	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	366126	95.004	ug/l	99
40) Benzene	6.14	78	897399	95.675	ug/l	99
41) Methacrylonitrile	5.04	41	237159	100.764	ug/l	100
42) 1,2-Dichloroethane	6.19	62	318609	95.868	ug/l	99
43) Isopropyl Acetate	6.45	43	669459	101.471	ug/l	100
44) Trichloroethene	7.21	130	215625	93.949	ug/l	100
45) 1,2-Dichloropropane	7.51	63	256412	98.379	ug/l	99
46) Dibromomethane	7.66	93	146716	96.834	ug/l	99
47) Bromodichloromethane	7.90	83	302725	101.642	ug/l	97
48) Methyl methacrylate	7.77	41	337948	103.687	ug/l	100
49) 1,4-Dioxane	7.74	88	124697	2000.648	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2191956	519.552	ug/l	100
52) Toluene	8.79	92	551527	97.891	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	363787	106.700	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	390694	101.977	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	222330	99.298	ug/l	97
56) Ethyl methacrylate	9.18	69	426953	106.480	ug/l	99
57) 1,3-Dichloropropane	9.37	76	392876	98.859	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1079112	498.252	ug/l	99
59) 2-Hexanone	9.49	43	1695428	518.541	ug/l	100
60) Dibromochloromethane	9.58	129	232676	108.441	ug/l	98
61) 1,2-Dibromoethane	9.67	107	229873	99.892	ug/l	100
64) Tetrachloroethene	9.34	164	190396	89.397	ug/l	100
65) Chlorobenzene	10.14	112	575478	96.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	210624	100.100	ug/l	99
67) Ethyl Benzene	10.25	91	1069641	98.009	ug/l	99
68) m/p-Xylenes	10.36	106	786625	197.755	ug/l	98
69) o-Xylene	10.70	106	385492	99.601	ug/l	100
70) Styrene	10.71	104	689082	102.513	ug/l	99
71) Bromoform	10.85	173	184378	109.757	ug/l #	100
73) Isopropylbenzene	11.02	105	1025504	94.923	ug/l	99
74) N-amyl acetate	10.90	43	616659	98.889	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	374574	94.339	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	458879	131.542	ug/l	81
77) Bromobenzene	11.26	156	261318	95.834	ug/l	98
78) n-propylbenzene	11.36	91	1212104	97.950	ug/l	100
79) 2-Chlorotoluene	11.42	91	716030	95.772	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	877153	96.687	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	141440	105.095	ug/l	98
82) 4-Chlorotoluene	11.51	91	835013	96.244	ug/l	100
83) tert-Butylbenzene	11.77	119	852411	97.557	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	893036	96.634	ug/l	100
85) sec-Butylbenzene	11.94	105	1020026	98.094	ug/l	100
86) p-Isopropyltoluene	12.06	119	933575	97.723	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	461131	96.238	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	464857	95.652	ug/l	100
89) n-Butylbenzene	12.38	91	876078	99.044	ug/l	100
90) Hexachloroethane	12.60	117	164229	104.100	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	454782	95.634	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	87799	96.659	ug/l	100

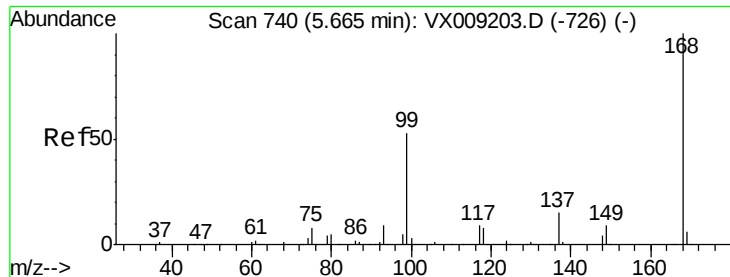
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	330678	96.847	ug/l	99
94) Hexachlorobutadiene	13.78	225	163401	95.902	ug/l	100
95) Naphthalene	13.83	128	1066920	97.184	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	325486	96.176	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

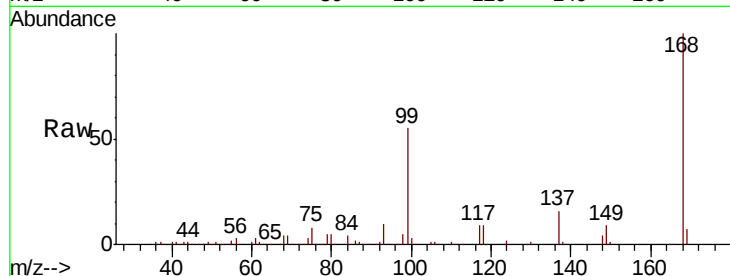
VSTDIC100

Tgt Ion:168 Resp: 190128

Ion Ratio Lower Upper

168 100

99 54.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

40000

20000

0

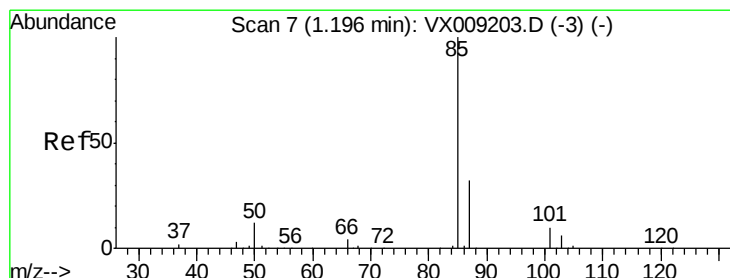
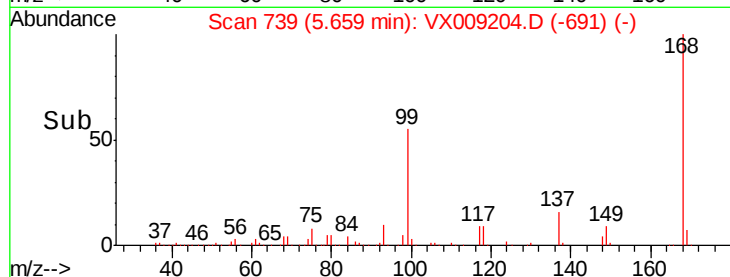
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 87.317 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009204.D

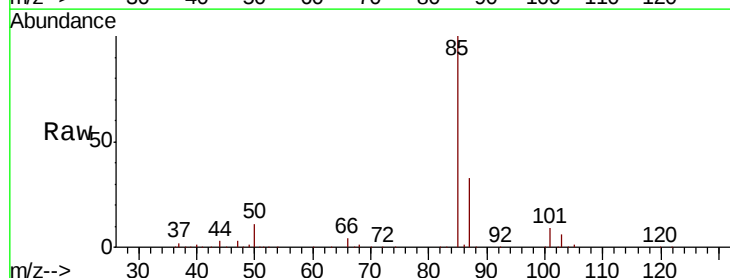
Acq: 29 Apr 2019 13:20

Tgt Ion: 85 Resp: 184131

Ion Ratio Lower Upper

85 100

87 32.9 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

150000

100000

50000

0

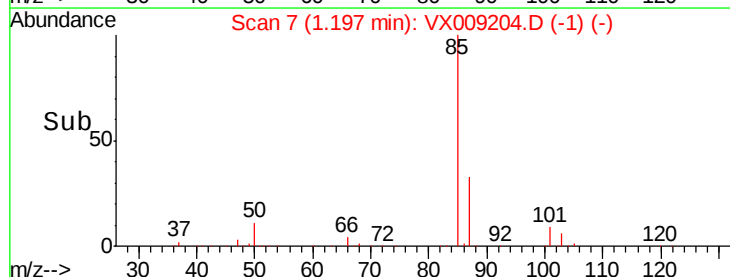
Time-->

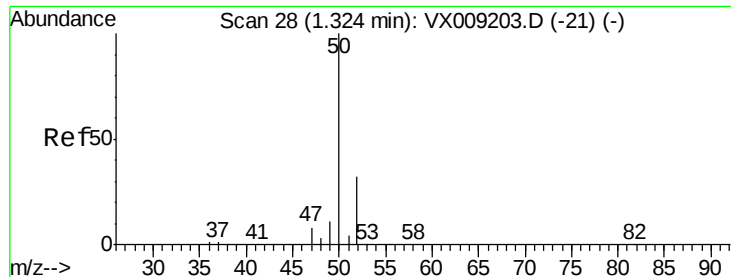
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 89.676 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

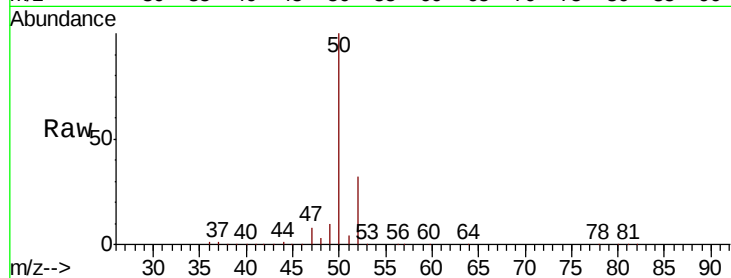
VSTDIC100

Tgt Ion: 50 Resp: 238178

Ion Ratio Lower Upper

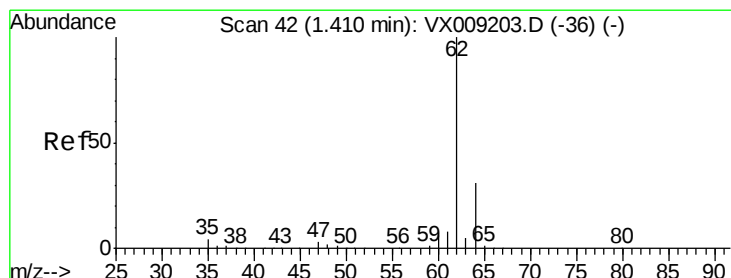
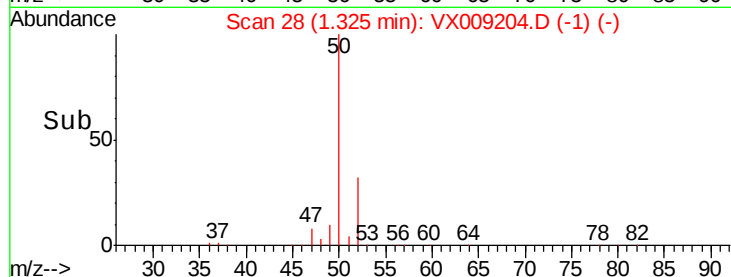
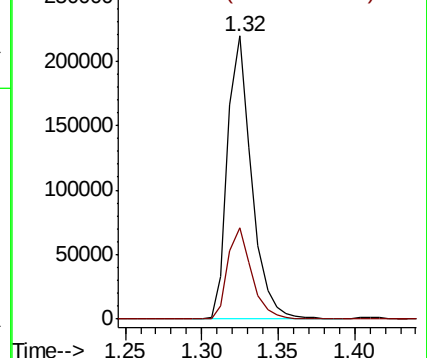
50 100

52 32.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 93.416 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009204.D

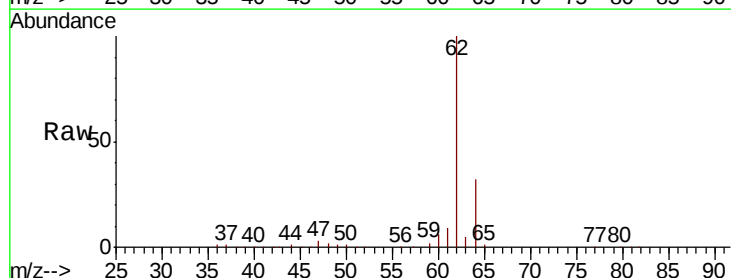
Acq: 29 Apr 2019 13:20

Tgt Ion: 62 Resp: 240863

Ion Ratio Lower Upper

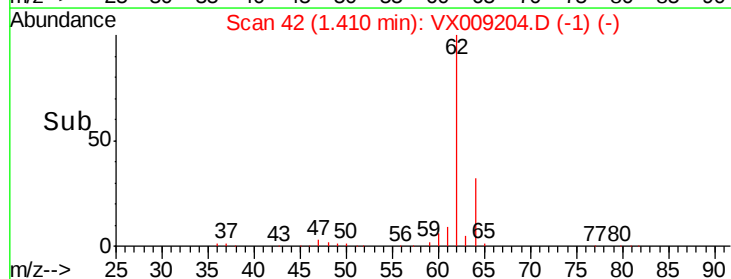
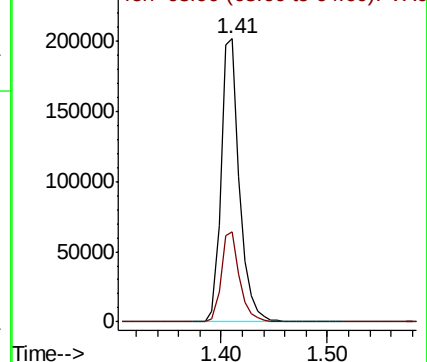
62 100

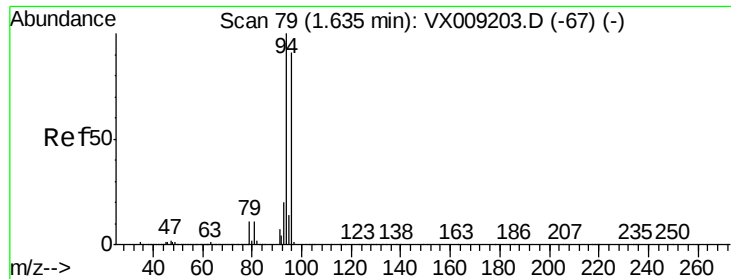
64 31.9 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 88.039 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

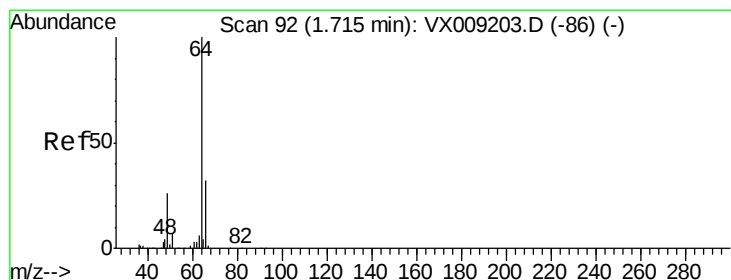
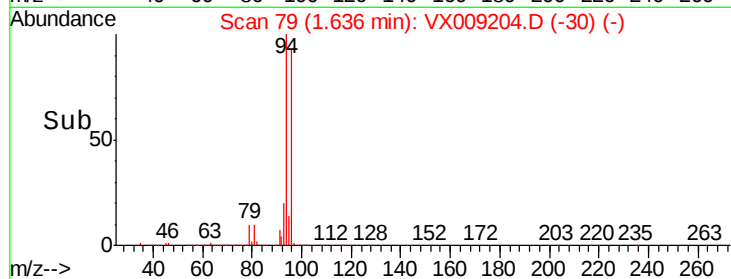
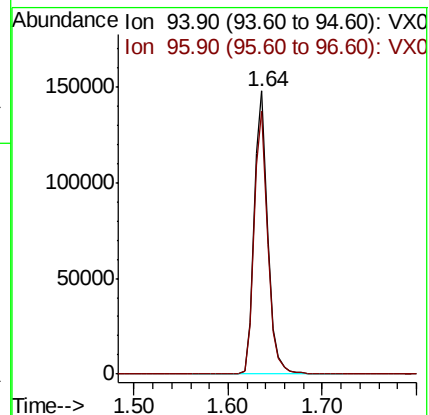
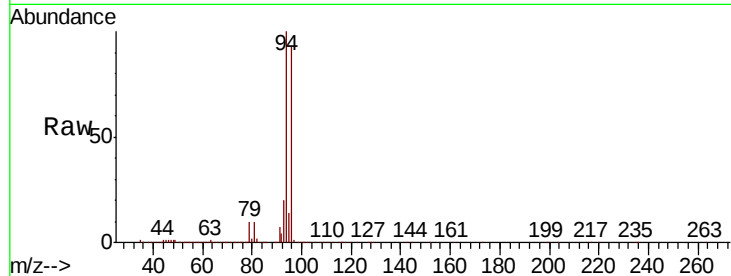
VSTDIC100

Tgt Ion: 94 Resp: 147949

Ion Ratio Lower Upper

94 100

96 92.9 73.0 109.6



#6

Chloroethane

Concen: 98.353 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX009204.D

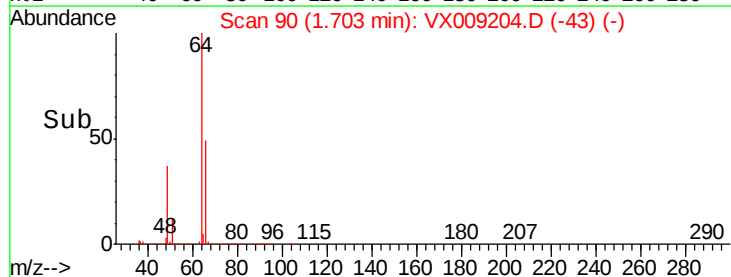
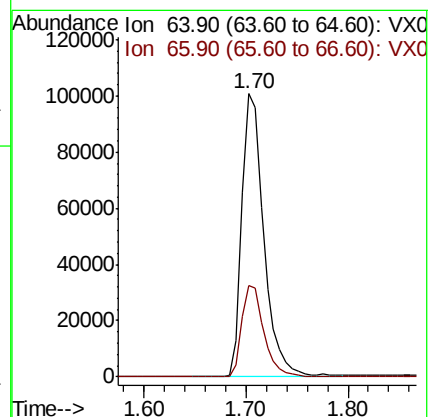
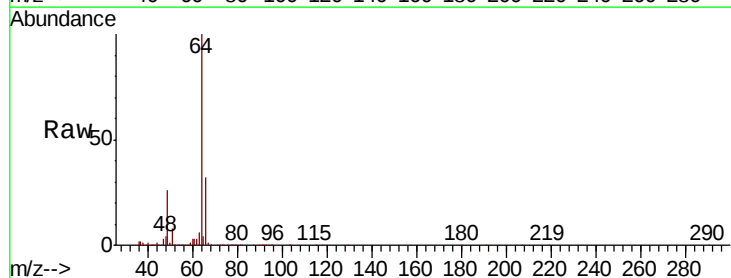
Acq: 29 Apr 2019 13:20

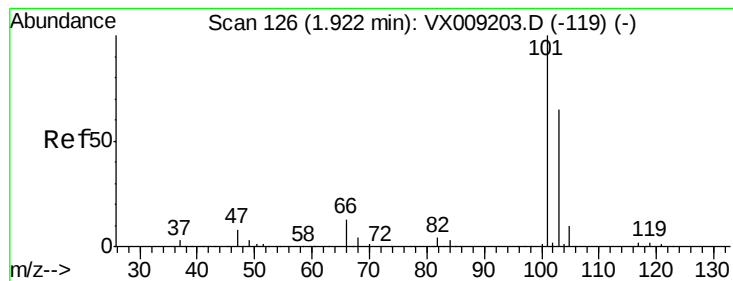
Tgt Ion: 64 Resp: 150495

Ion Ratio Lower Upper

64 100

66 32.0 25.3 37.9





#7

Trichlorofluoromethane

Concen: 95.454 ug/l

RT: 1.92 min Scan# 125

Delta R.T. -0.01 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

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ClientSampleId :

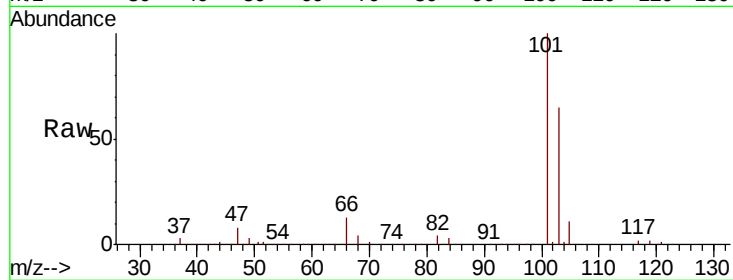
VSTDIC100

Tgt Ion: 101 Resp: 289105

Ion Ratio Lower Upper

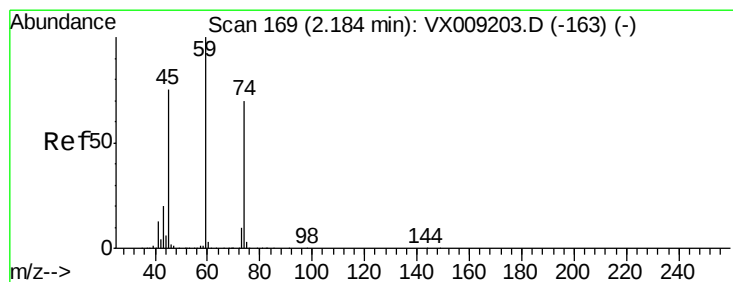
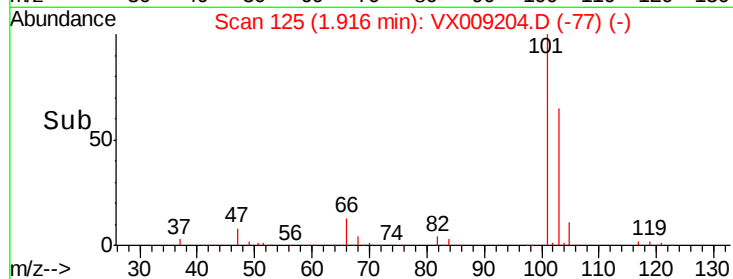
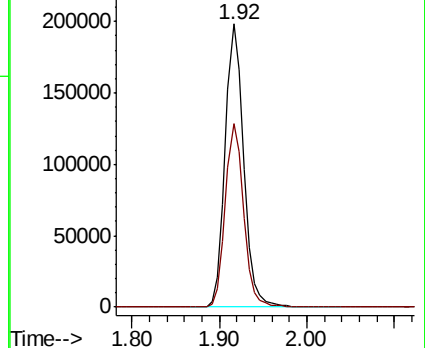
101 100

103 64.7 52.4 78.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 94.843 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.00 min

Lab File: VX009204.D

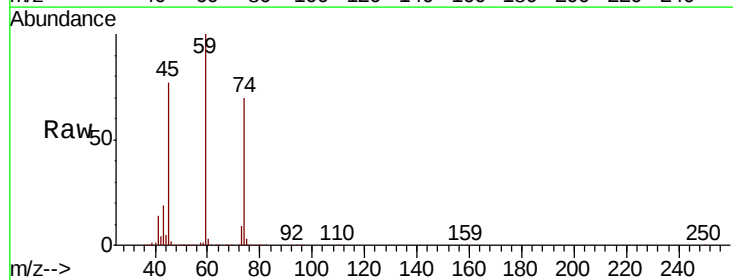
Acq: 29 Apr 2019 13:20

Tgt Ion: 74 Resp: 132176

Ion Ratio Lower Upper

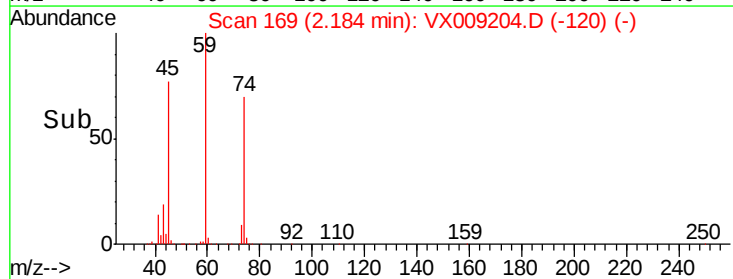
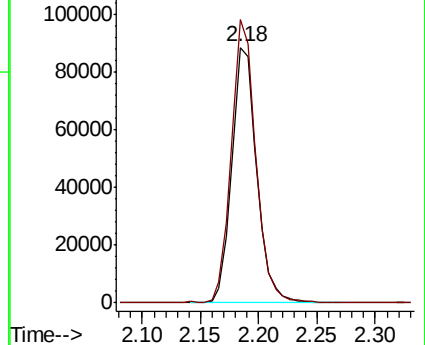
74 100

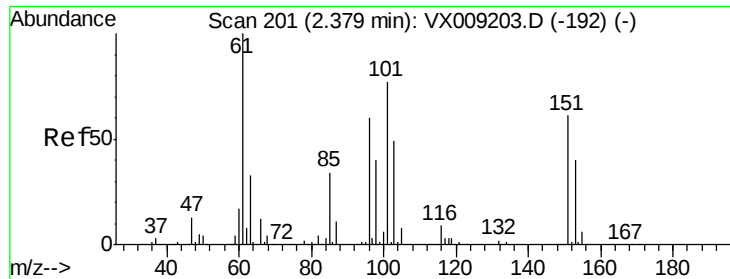
45 109.1 53.3 159.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.497 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

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Acq: 29 Apr 2019 13:20

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MSVOA_X

ClientSampleId :

VSTDIC100

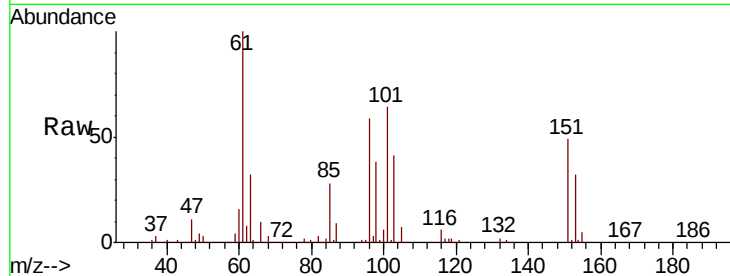
Tgt Ion:101 Resp: 181420

Ion Ratio Lower Upper

101 100

85 44.5 35.7 53.5

151 78.0 62.2 93.2

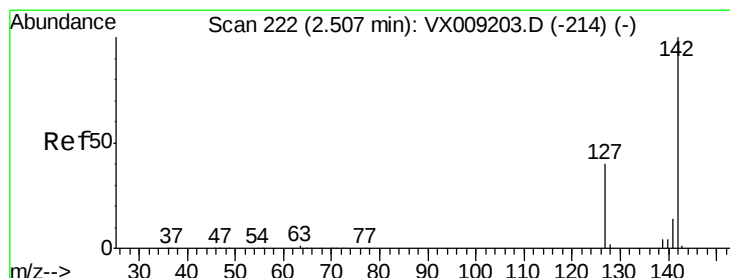
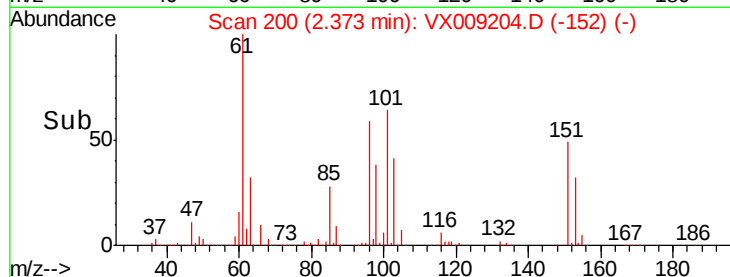
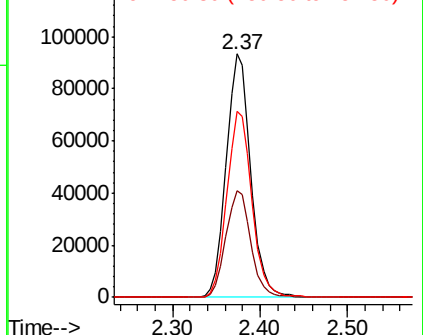


Abundance

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: 115.567 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

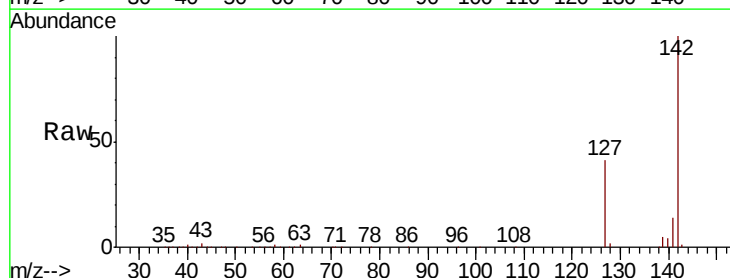
Tgt Ion:142 Resp: 221936

Ion Ratio Lower Upper

142 100

127 40.5 32.7 49.1

141 14.4 11.5 17.3

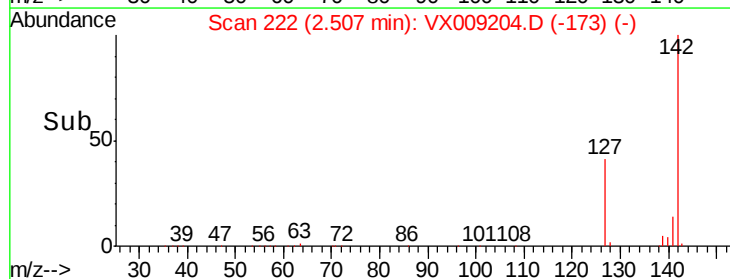
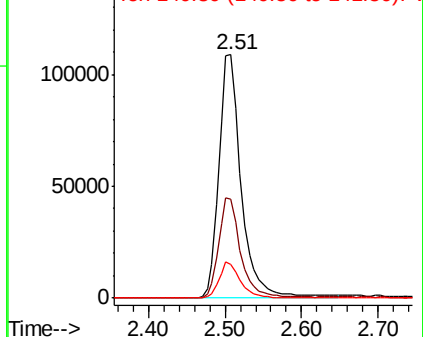


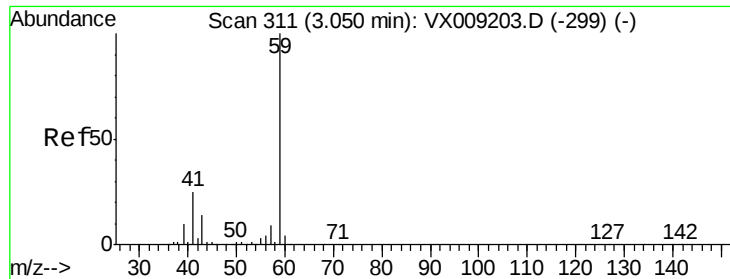
Abundance

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

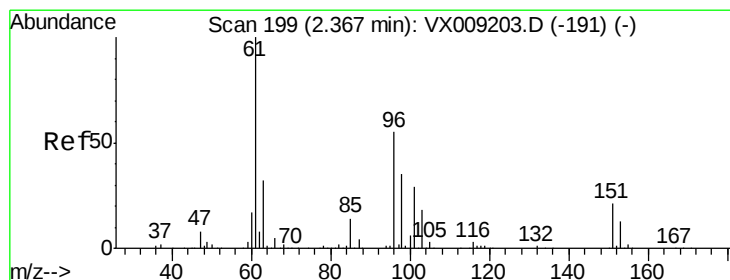
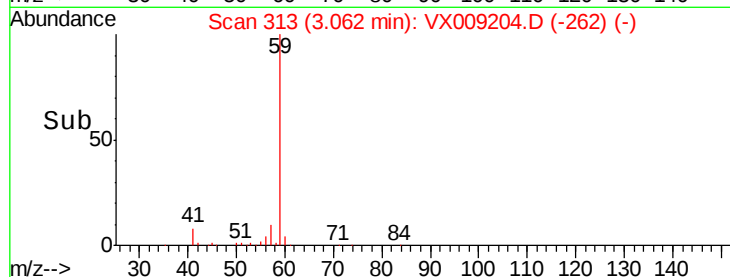
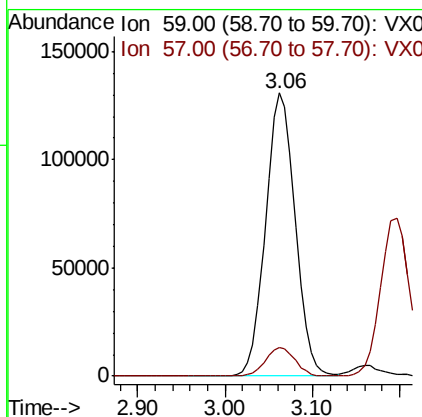
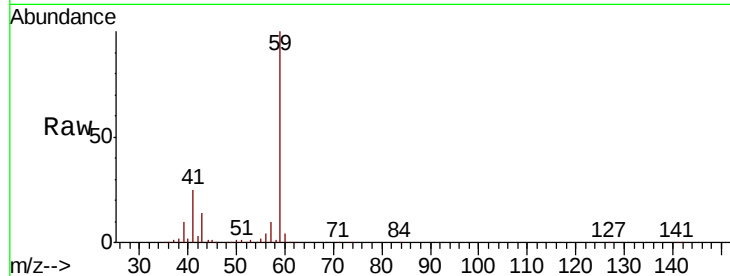




#11
Tert butyl alcohol
Concen: 513.706 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

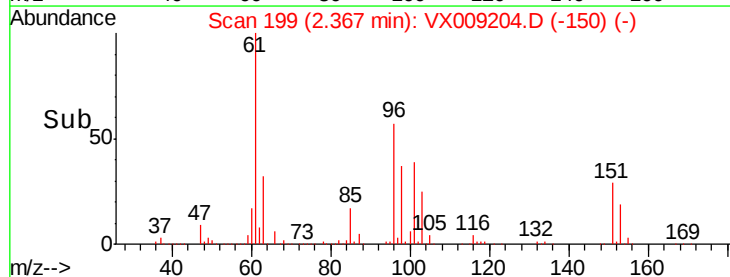
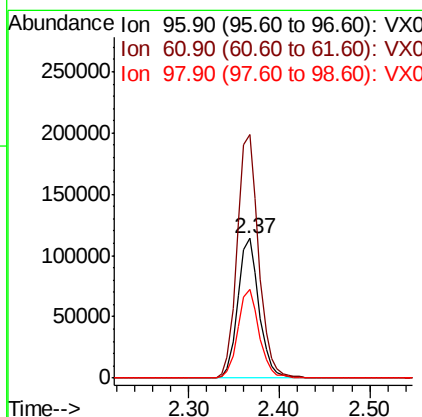
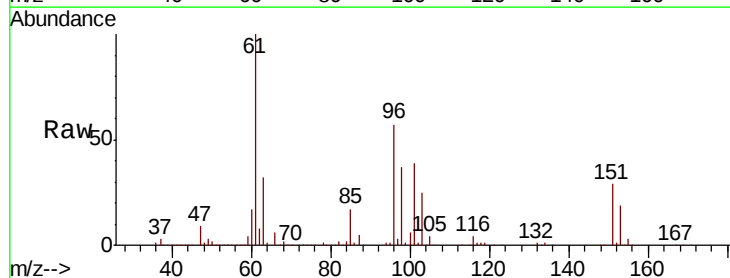
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

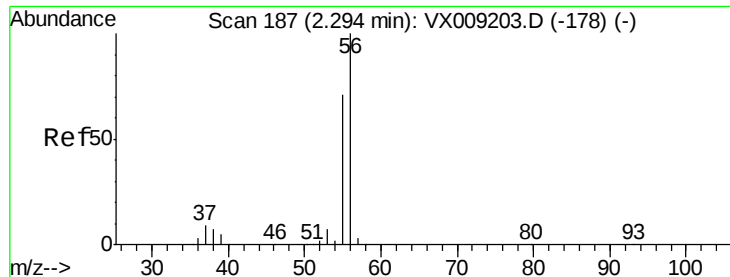
Tgt Ion: 59 Resp: 307475
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 92.011 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Tgt Ion: 96 Resp: 185673
Ion Ratio Lower Upper
96 100
61 174.1 144.3 216.5
98 63.8 50.3 75.5





#13

Acrolein

Concen: 521.693 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

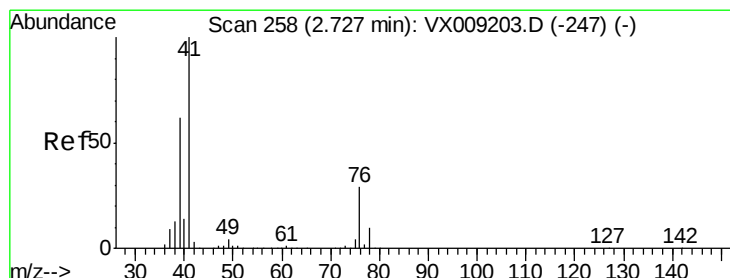
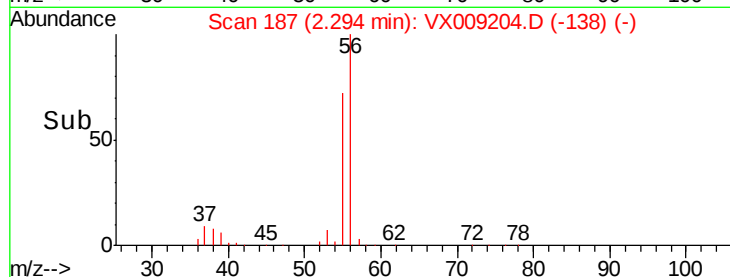
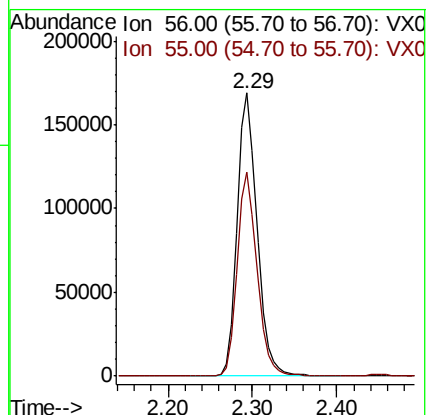
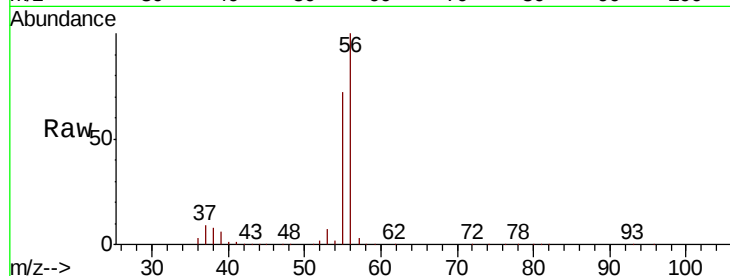
VSTDIC100

Tgt Ion: 56 Resp: 268979

Ion Ratio Lower Upper

56 100

55 71.4 56.6 85.0



#14

Allyl chloride

Concen: 99.997 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

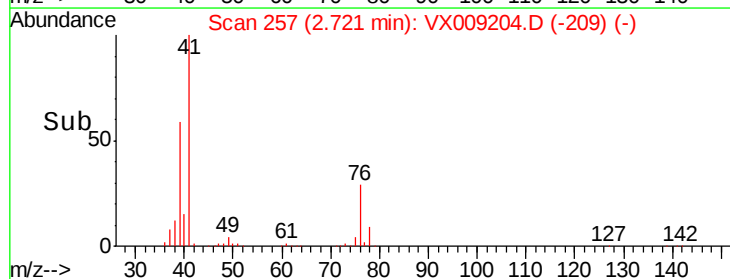
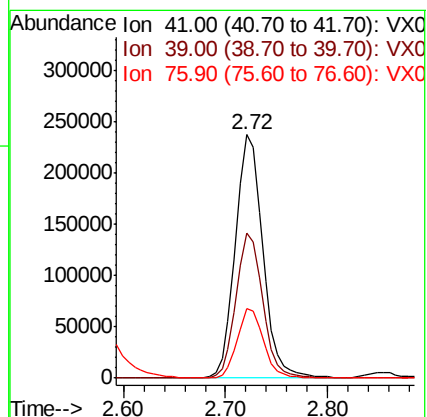
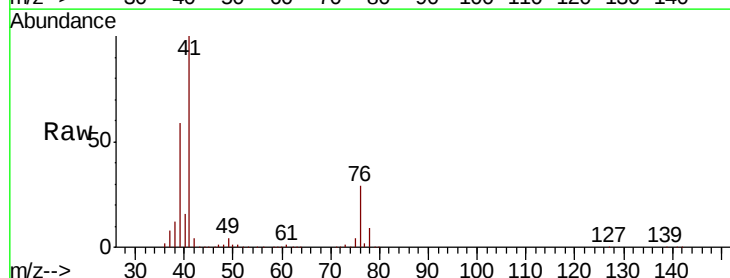
Tgt Ion: 41 Resp: 442270

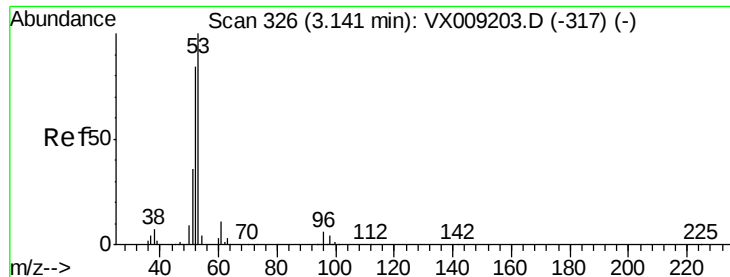
Ion Ratio Lower Upper

41 100

39 57.6 46.7 70.1

76 27.1 21.8 32.8





#15

Acrylonitrile

Concen: 492.109 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

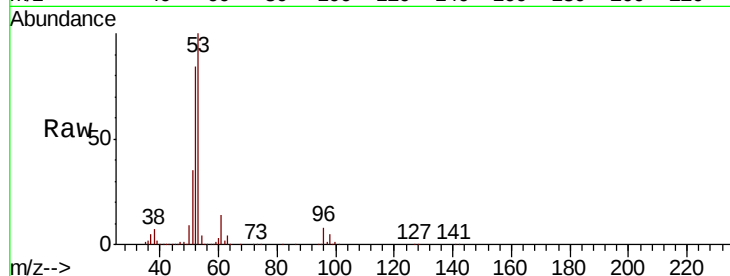
Tgt Ion: 53 Resp: 739602

Ion Ratio Lower Upper

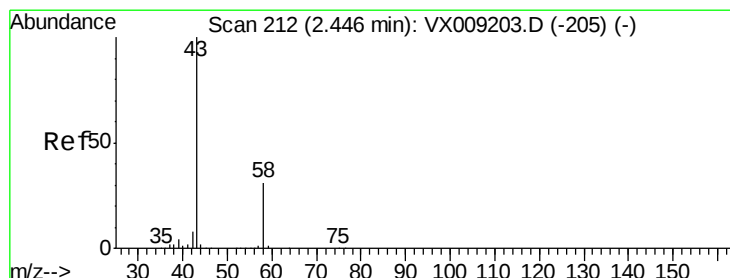
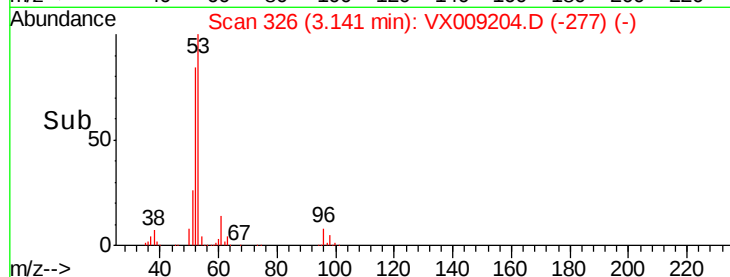
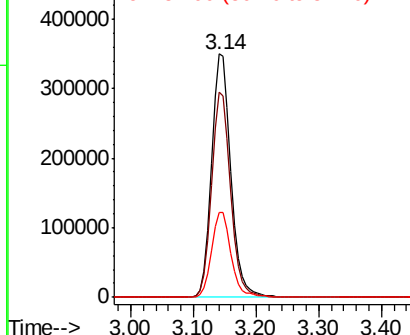
53 100

52 83.5 66.9 100.3

51 35.3 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 496.366 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009204.D

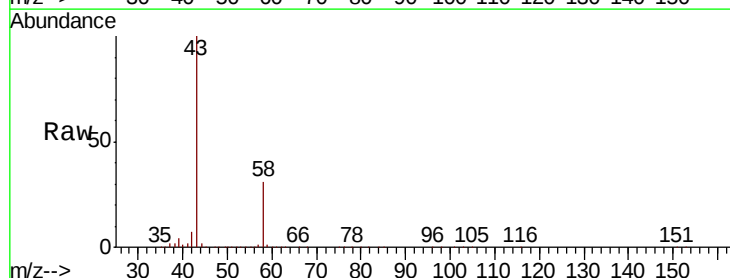
Acq: 29 Apr 2019 13:20

Tgt Ion: 43 Resp: 687918

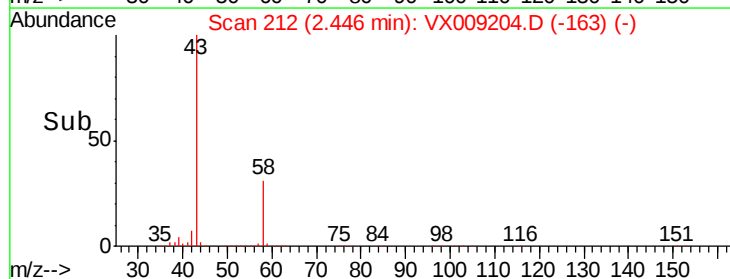
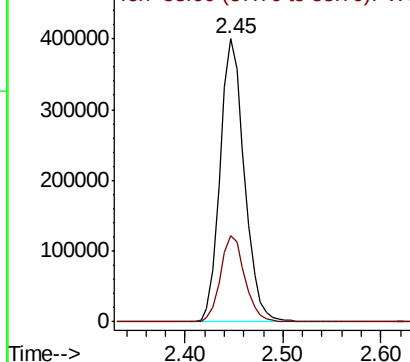
Ion Ratio Lower Upper

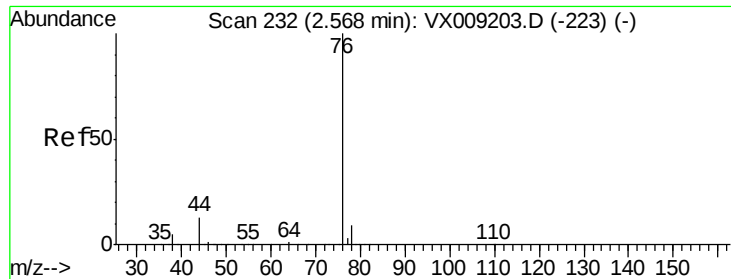
43 100

58 30.6 24.9 37.3



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

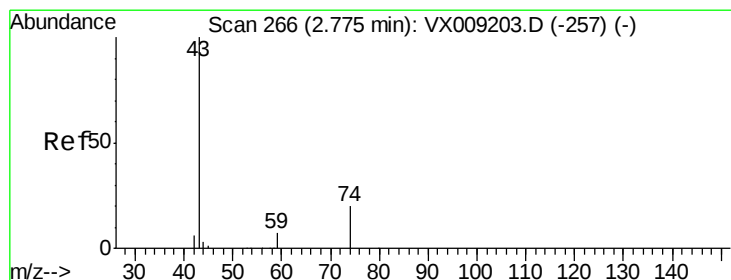
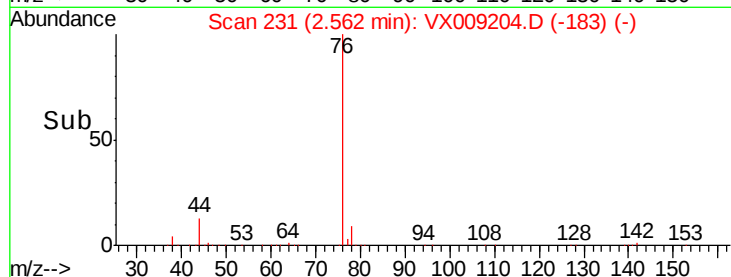
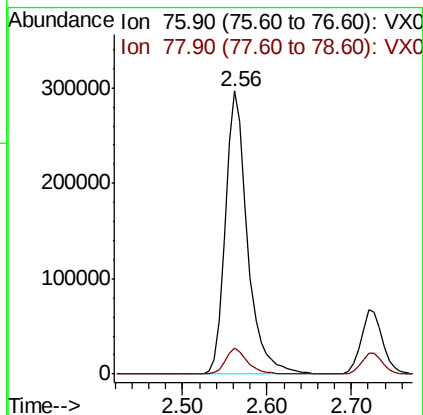
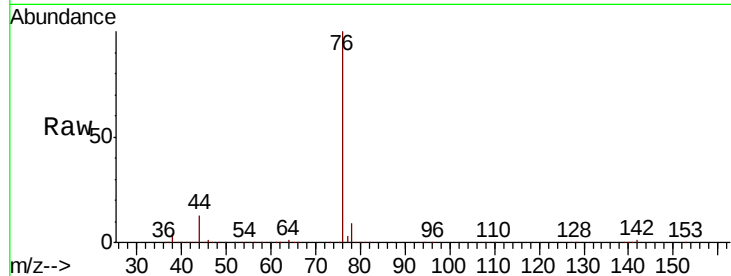




#17
Carbon Disulfide
Concen: 85.937 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

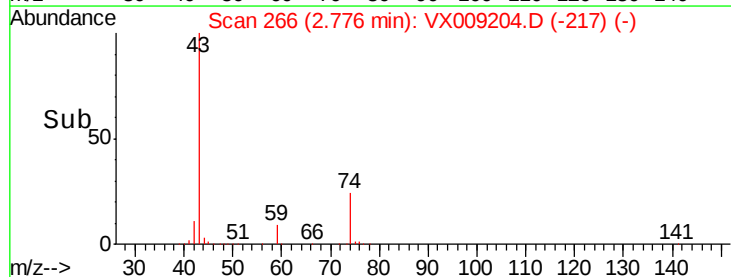
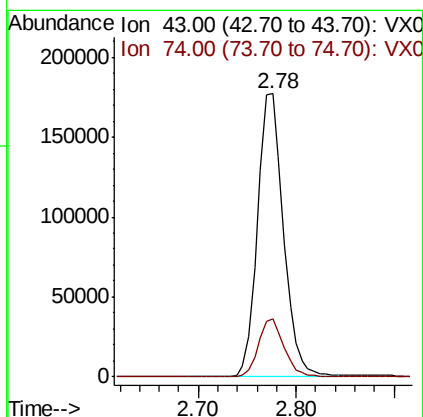
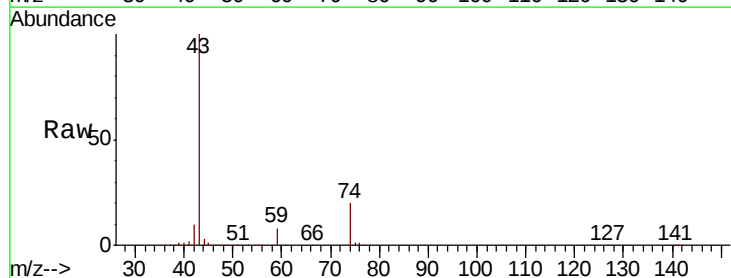
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

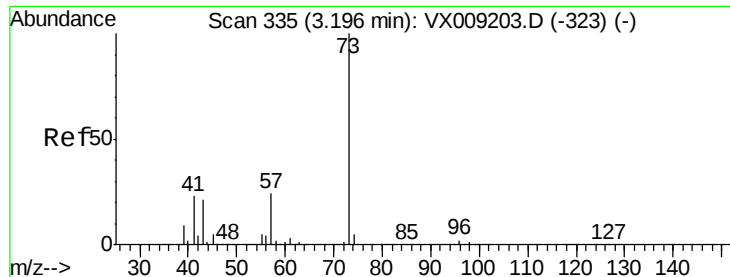
Tgt Ion: 76 Resp: 534271
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 94.089 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Tgt Ion: 43 Resp: 326032
Ion Ratio Lower Upper
43 100
74 20.0 16.2 24.4

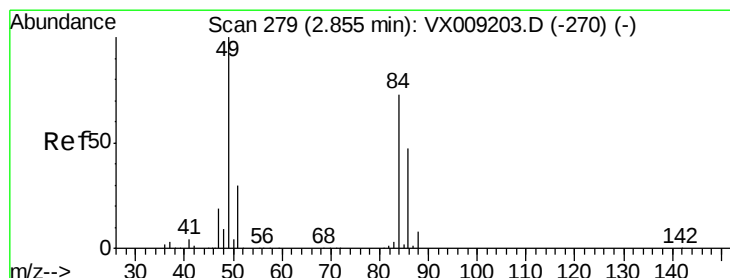
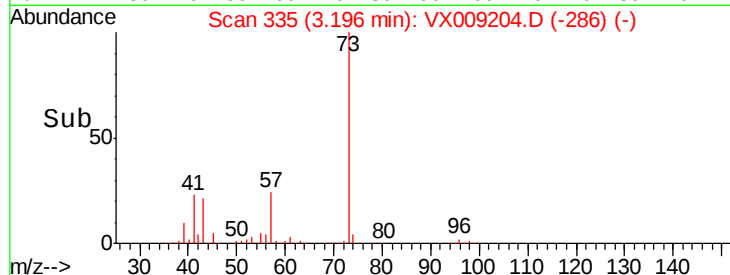
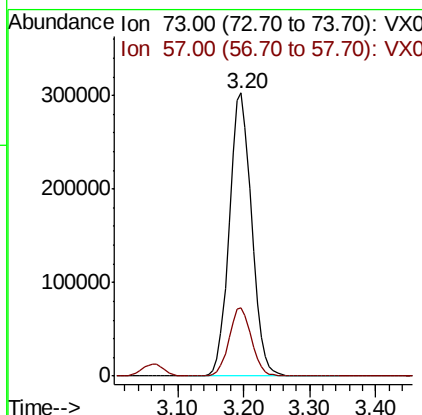
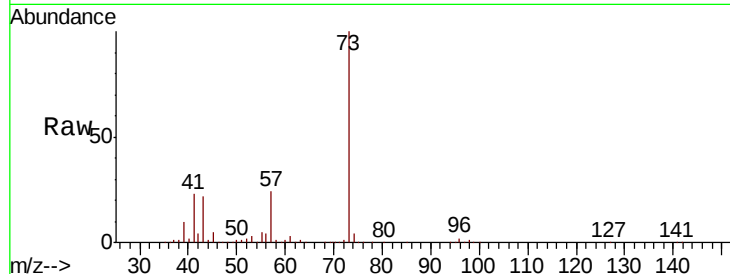




#19
Methyl tert-butyl Ether
Concen: 97.641 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

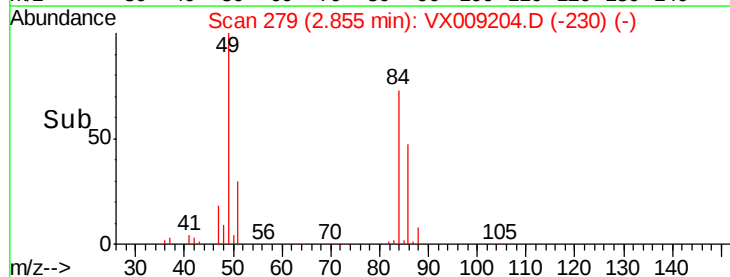
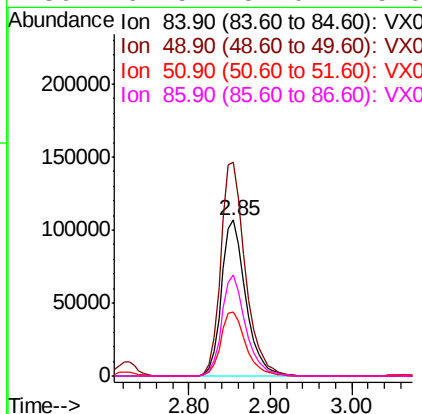
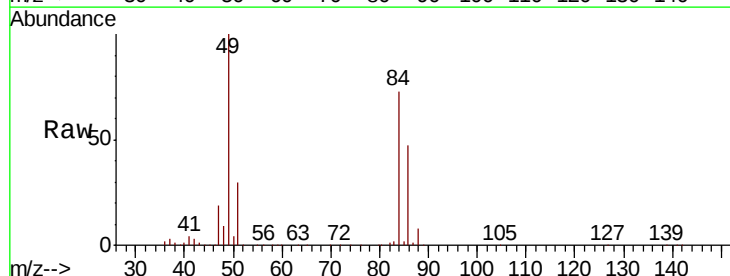
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

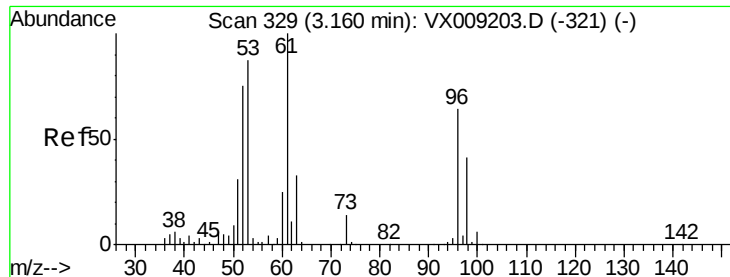
Tgt Ion: 73 Resp: 706664
Ion Ratio Lower Upper
73 100
57 24.2 19.3 28.9



#20
Methylene Chloride
Concen: 92.630 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Tgt Ion: 84 Resp: 220107
Ion Ratio Lower Upper
84 100
49 136.8 109.9 164.9
51 41.4 32.7 49.1
86 64.5 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 91.748 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

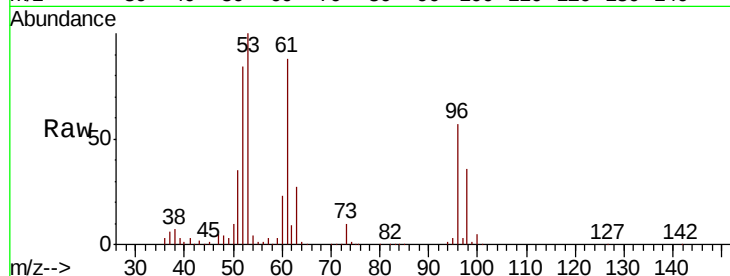
Tgt Ion: 96 Resp: 197661

Ion Ratio Lower Upper

96 100

61 155.5 124.5 186.7

98 63.1 50.4 75.6

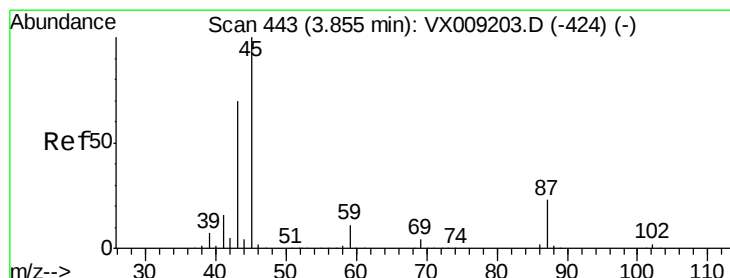
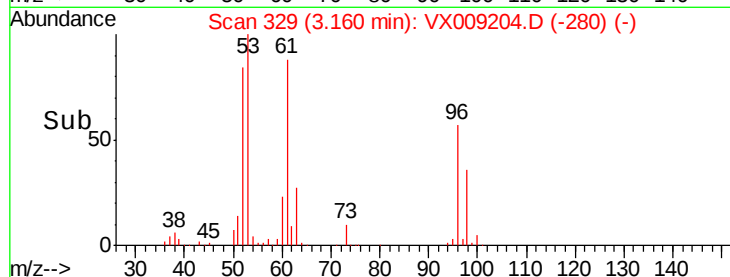
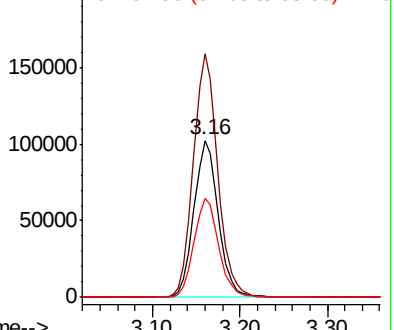


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 97.629 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Tgt Ion: 45 Resp: 842564

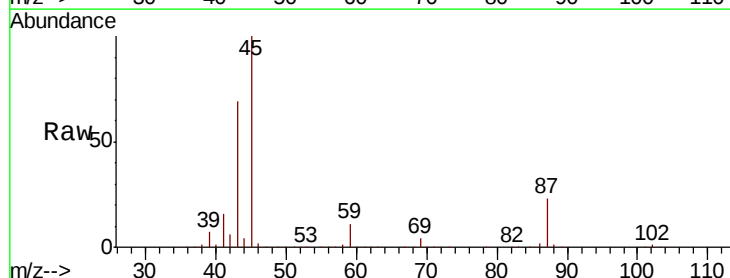
Ion Ratio Lower Upper

45 100

43 69.4 56.1 84.1

87 23.1 18.1 27.1

59 10.6 8.5 12.7



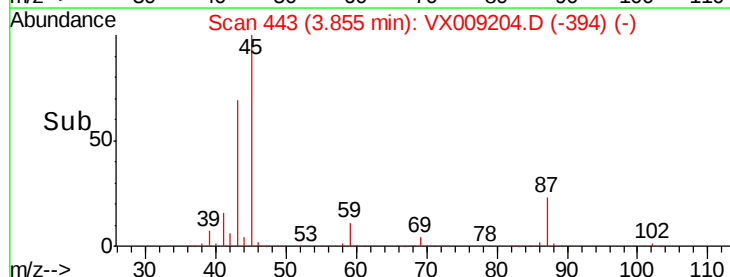
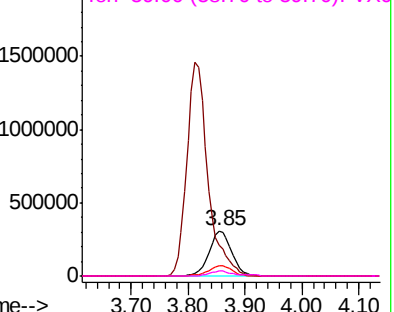
Abundance

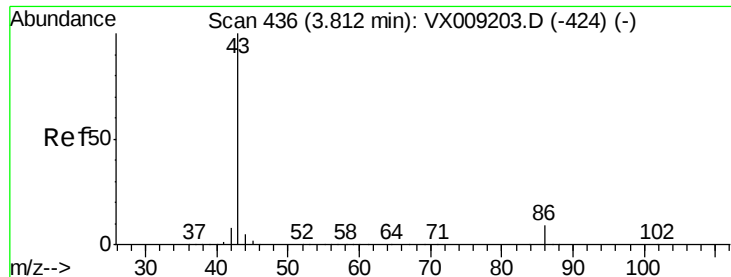
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 499.700 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

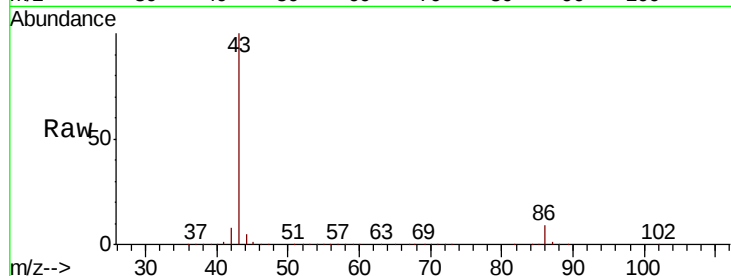
VSTDIC100

Tgt Ion: 43 Resp: 3770147

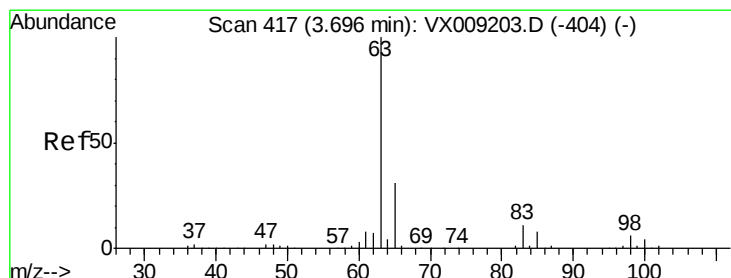
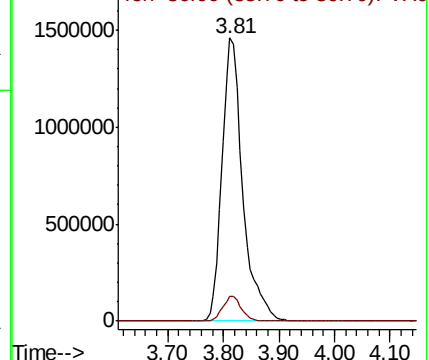
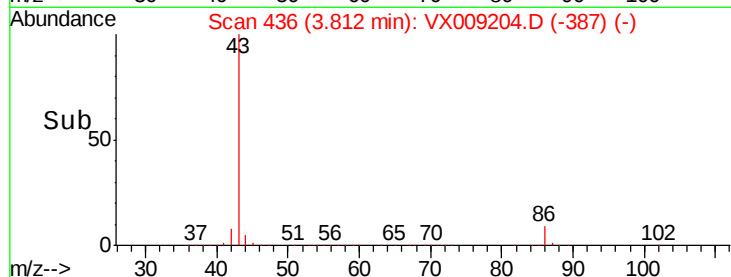
Ion Ratio Lower Upper

43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX009204.D (-387) (-)



#24

1,1-Dichloroethane

Concen: 95.647 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

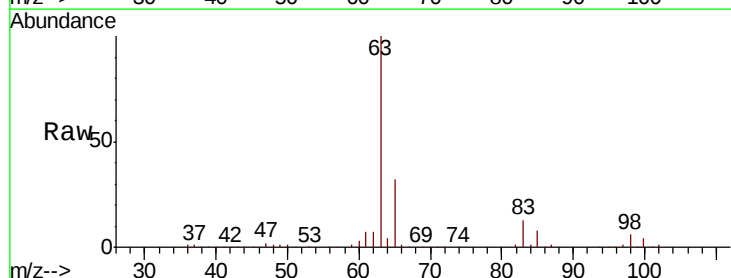
Tgt Ion: 63 Resp: 413472

Ion Ratio Lower Upper

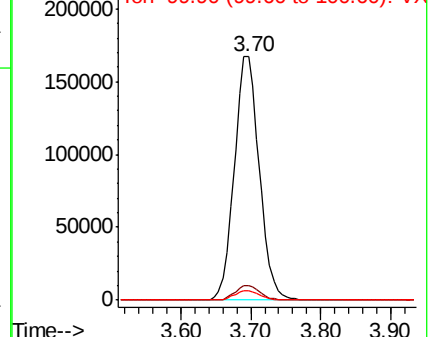
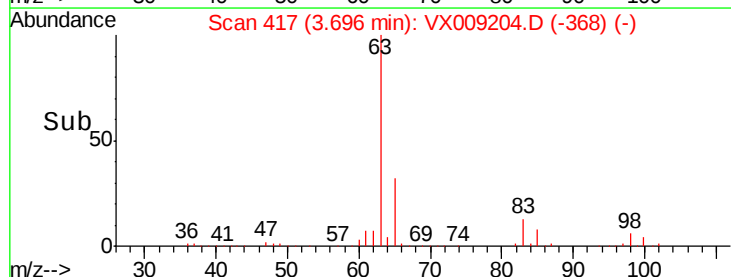
63 100

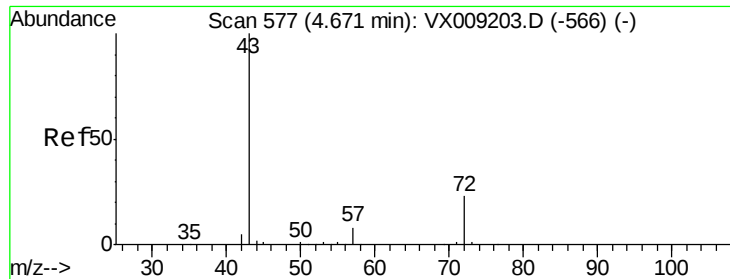
98 6.1 3.0 9.2

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX009204.D (-368) (-)





#25

2-Butanone

Concen: 509.445 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

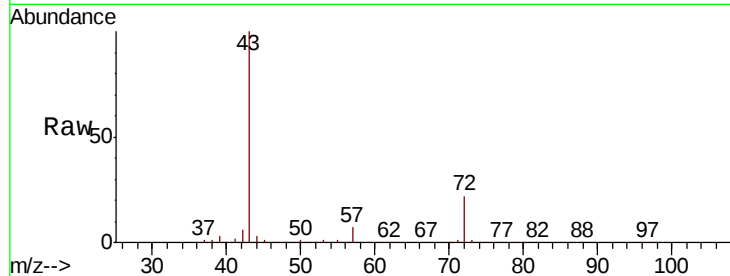
VSTDIC100

Tgt Ion: 43 Resp: 1126870

Ion Ratio Lower Upper

43 100

72 22.4 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) (-)

4.68

400000

300000

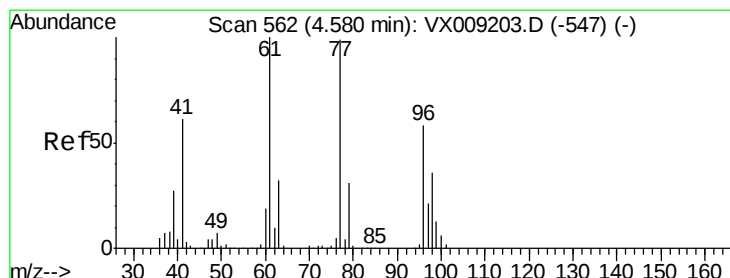
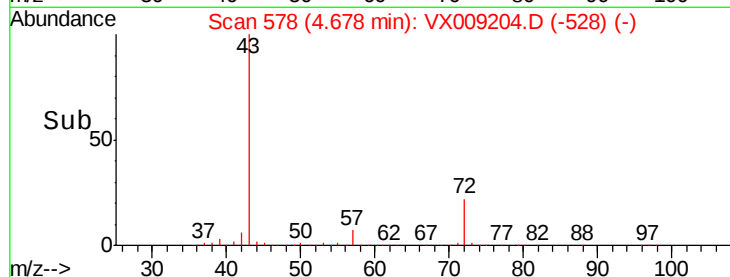
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 97.182 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009204.D

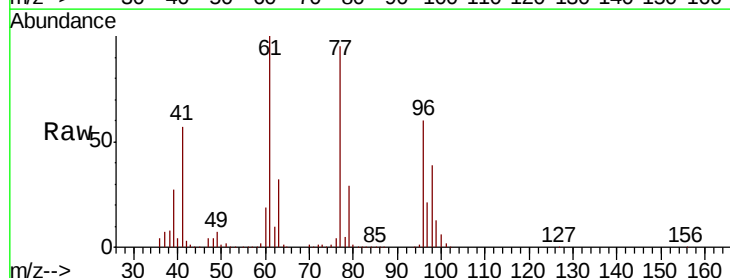
Acq: 29 Apr 2019 13:20

Tgt Ion: 77 Resp: 315073

Ion Ratio Lower Upper

77 100

97 22.8 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

120000

100000

80000

60000

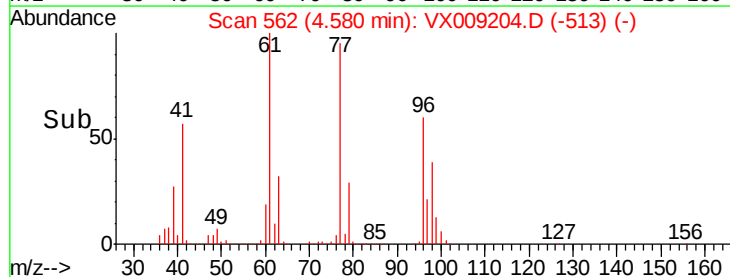
40000

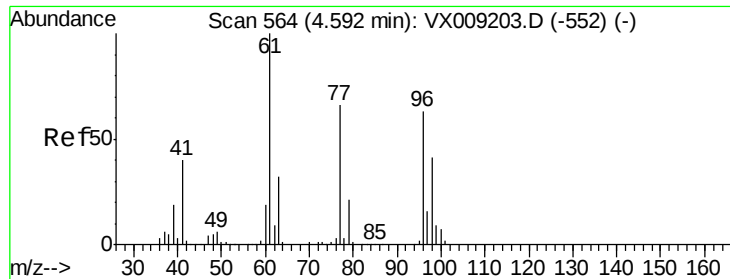
20000

0

4.40 4.50 4.60 4.70

Time-->



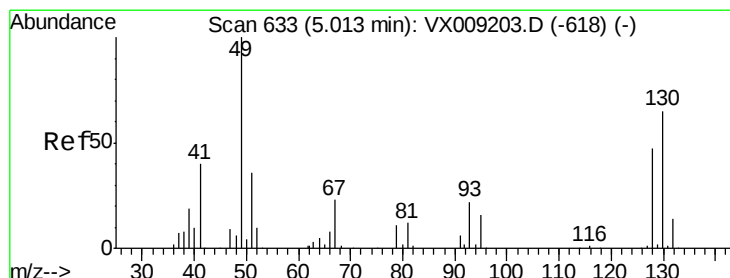
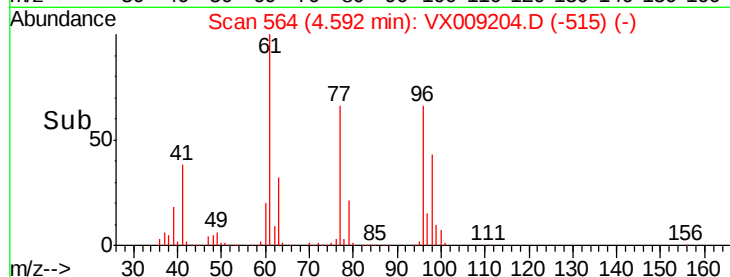
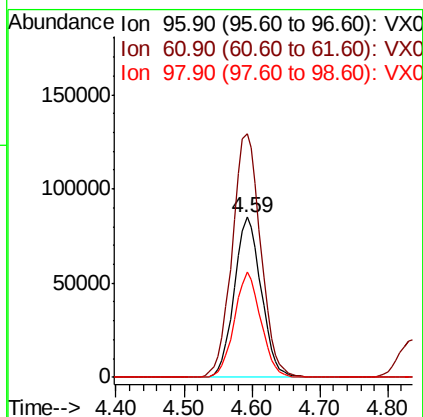
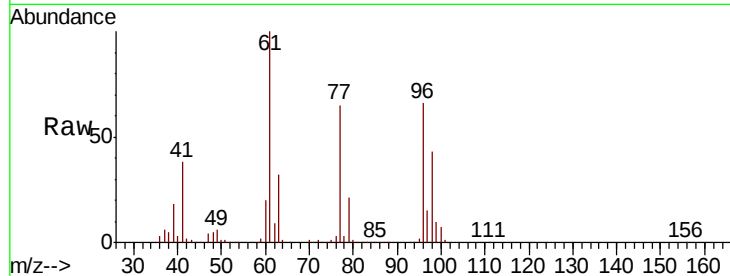


#27

cis-1,2-Dichloroethene
Concen: 95.348 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

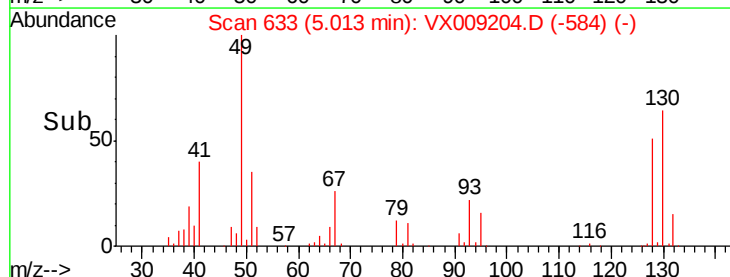
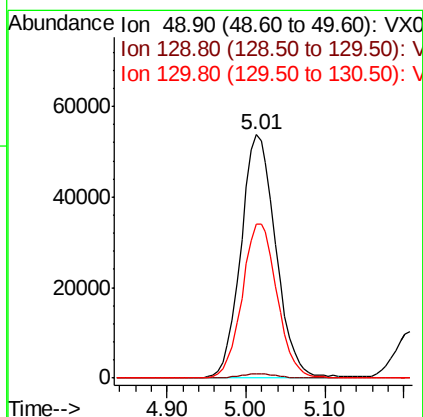
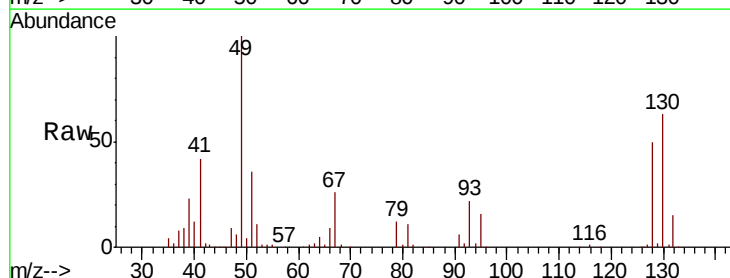
Tgt Ion: 96 Resp: 234139
Ion Ratio Lower Upper
96 100
61 160.5 0.0 324.0
98 64.6 0.0 130.4

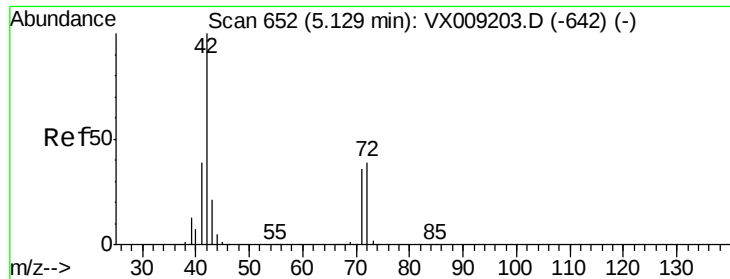


#28

Bromochloromethane
Concen: 81.400 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Tgt Ion: 49 Resp: 165397
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 63.5 51.2 76.8

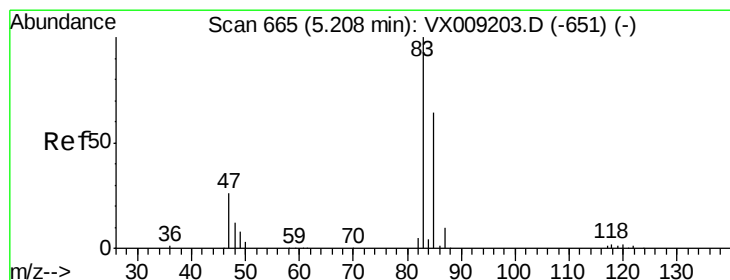
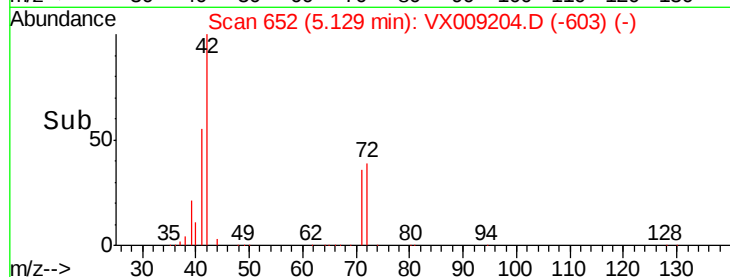
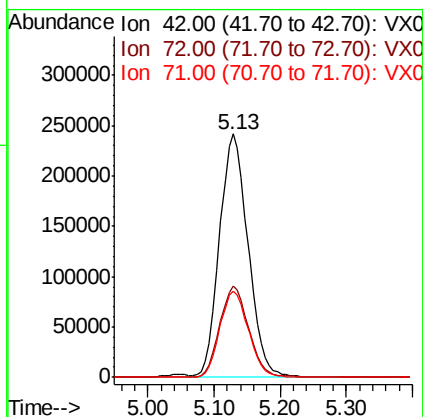
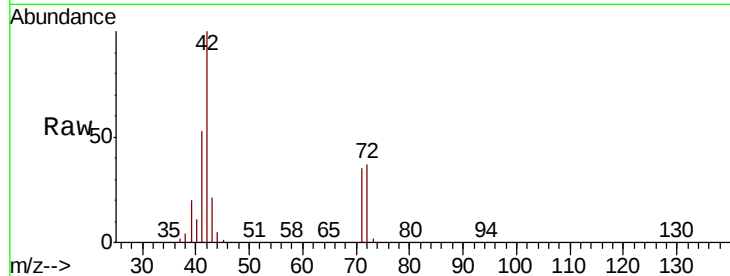




#29
Tetrahydrofuran
Concen: 487.957 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

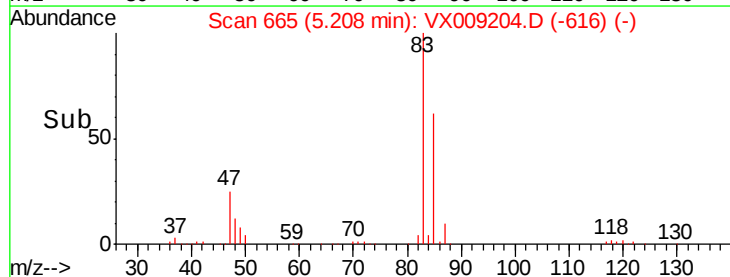
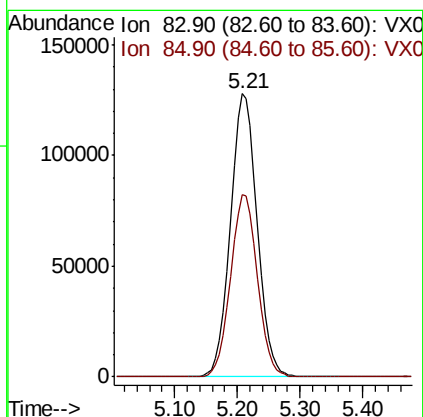
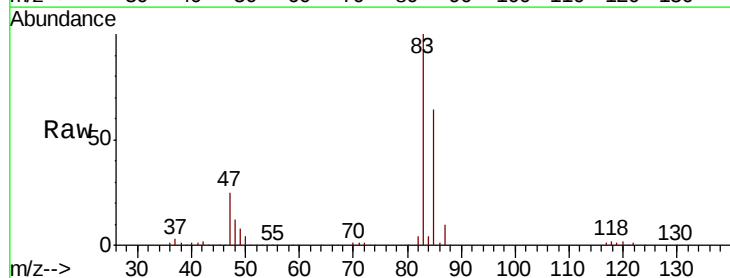
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

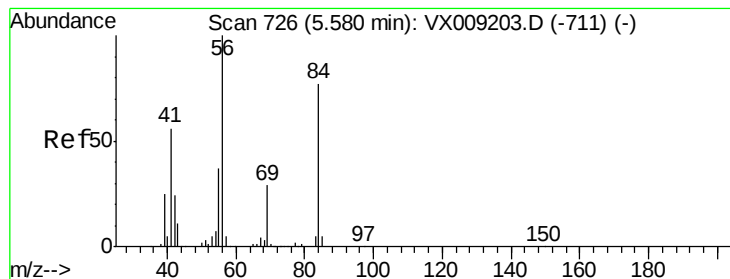
Tgt Ion: 42 Resp: 721699
Ion Ratio Lower Upper
42 100
72 38.0 30.4 45.6
71 35.7 28.6 43.0



#30
Chloroform
Concen: 97.277 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Tgt Ion: 83 Resp: 376533
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3





#31

Cyclohexane

Concen: 93.708 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

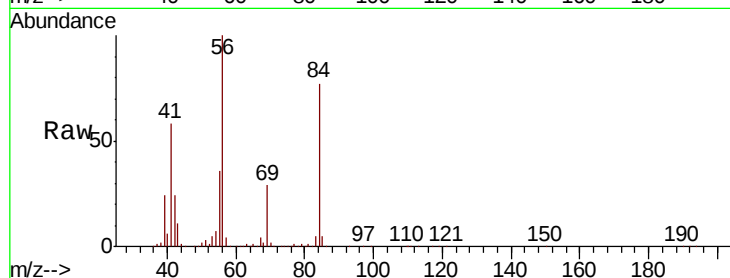
Tgt Ion: 56 Resp: 396207

Ion Ratio Lower Upper

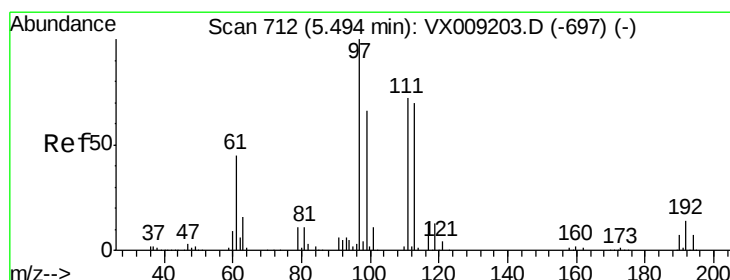
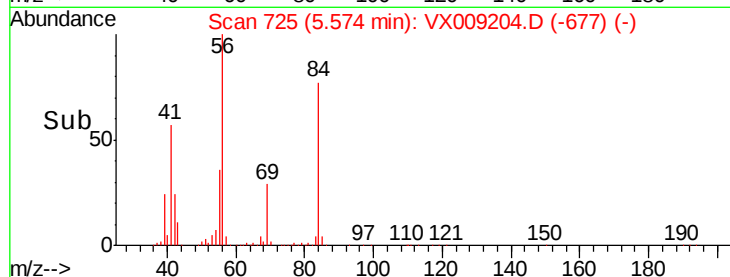
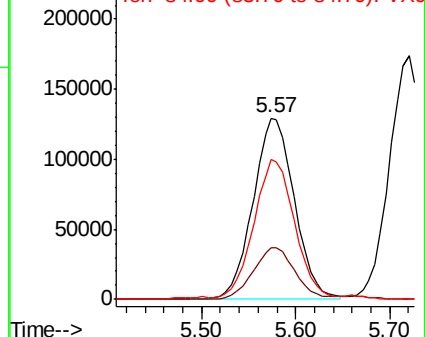
56 100

69 28.7 23.4 35.0

84 76.0 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 99.103 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

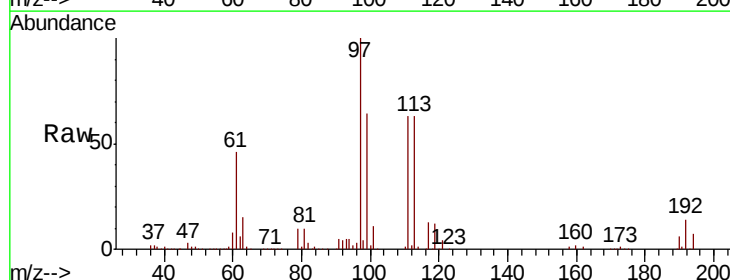
Tgt Ion: 97 Resp: 317528

Ion Ratio Lower Upper

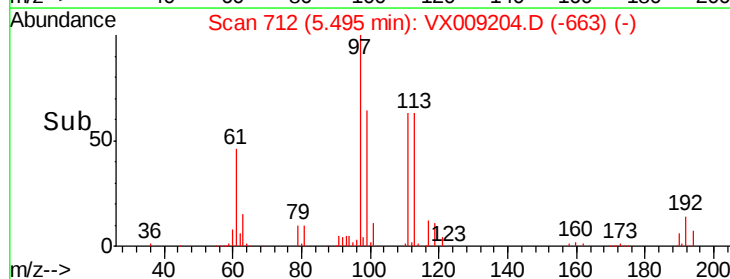
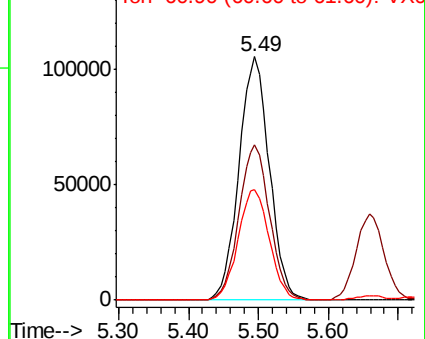
97 100

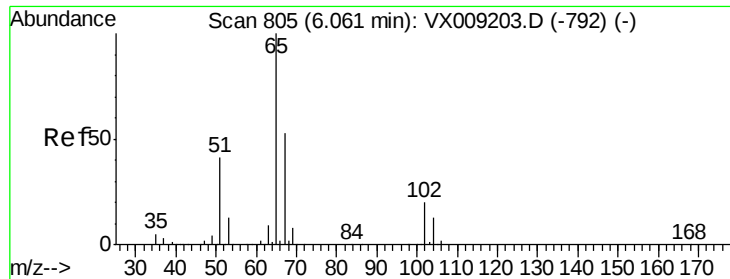
99 64.3 51.8 77.8

61 47.1 37.8 56.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

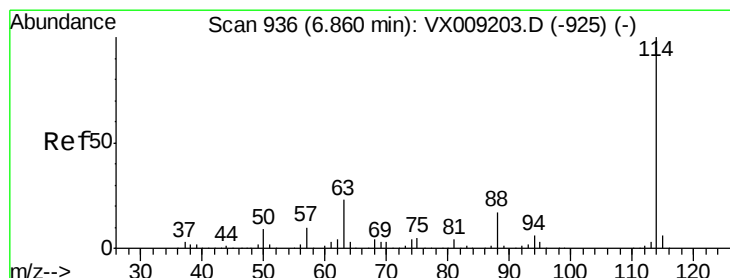
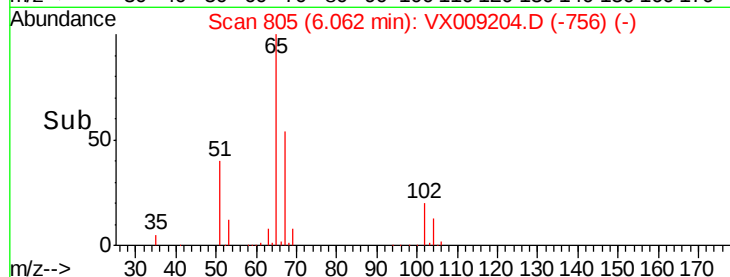
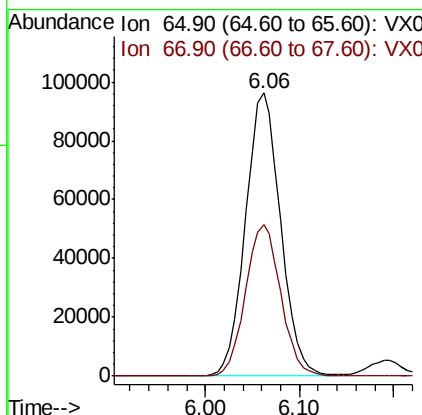
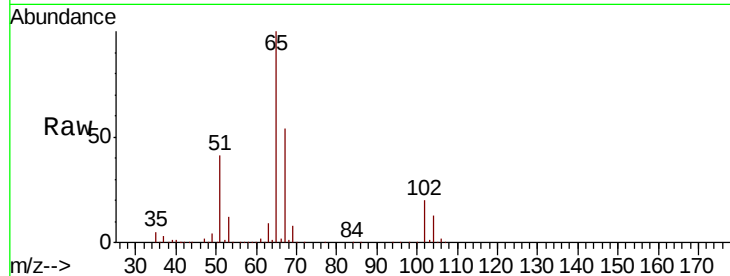




#33
 1,2-Dichloroethane-d4
 Concen: 93.351 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

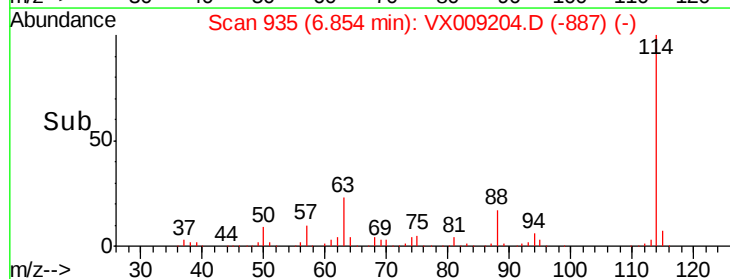
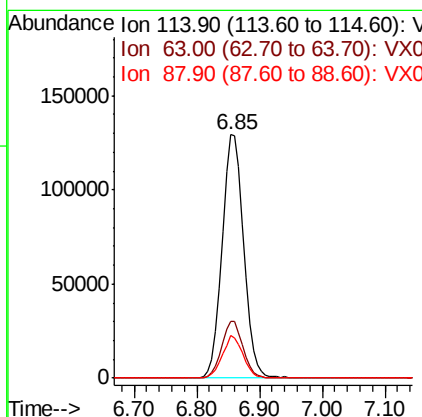
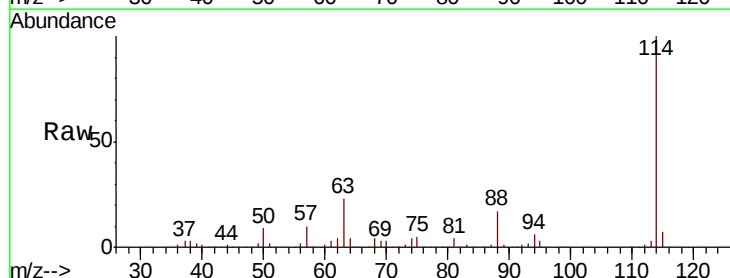
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

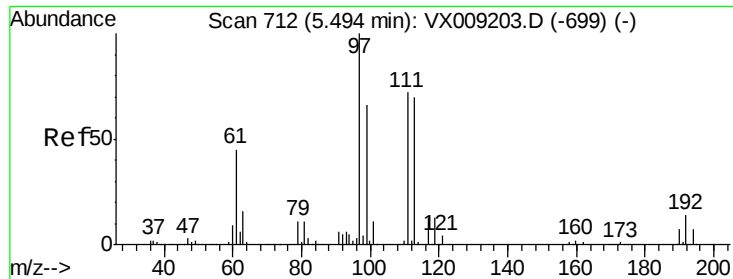
Tgt Ion: 65 Resp: 251468
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

Tgt Ion: 114 Resp: 309274
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.6
 88 17.3 0.0 33.2

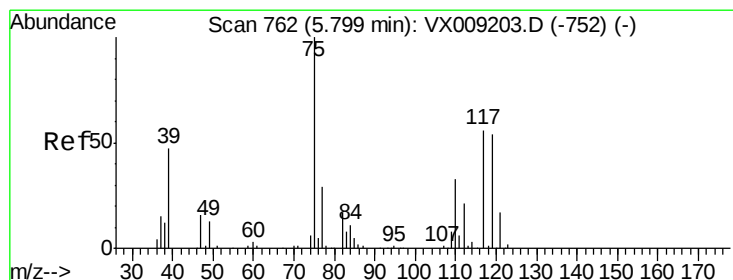
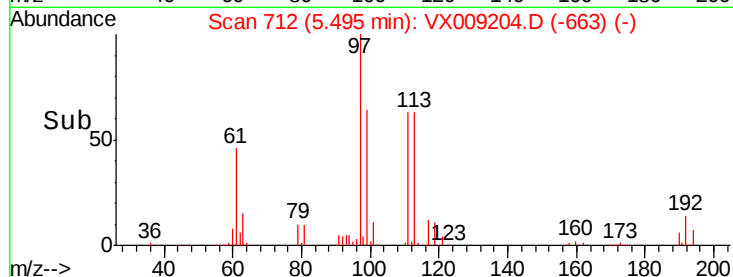
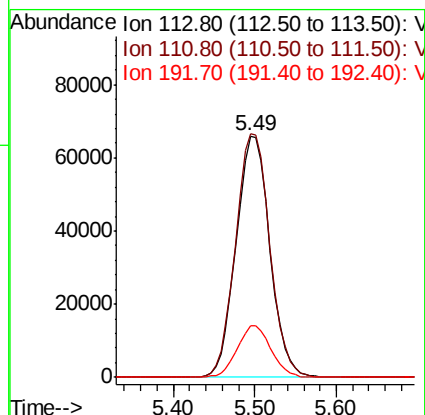
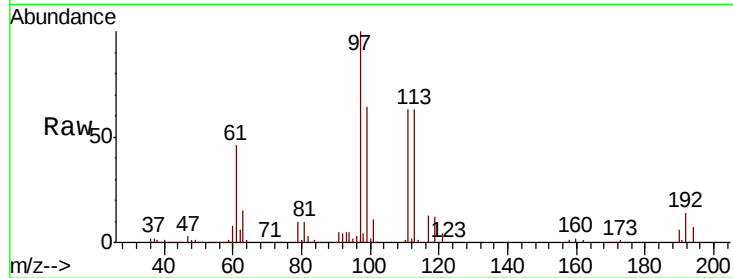




#35
 Dibromofluoromethane
 Concen: 94.882 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

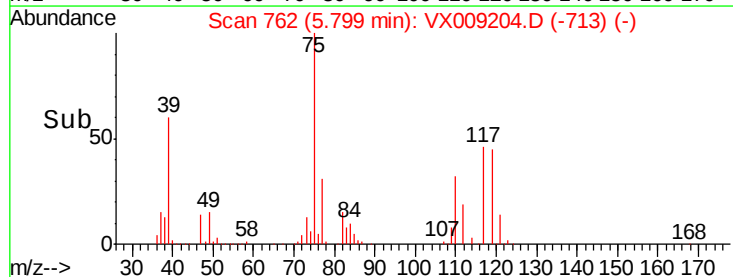
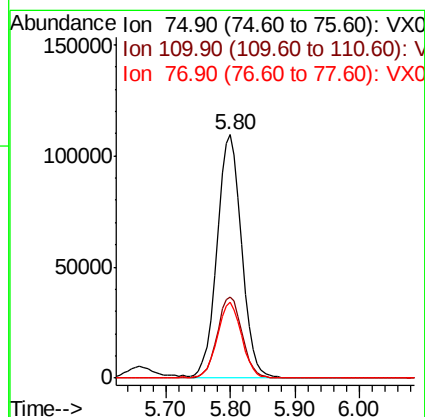
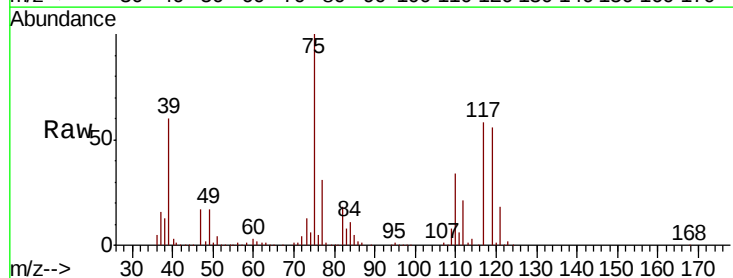
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

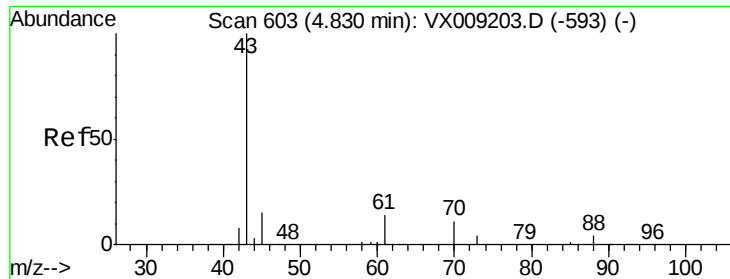
Tgt Ion:113 Resp: 189023
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.8 124.2
 192 21.5 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 93.267 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

Tgt Ion: 75 Resp: 295573
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.9 50.6
 77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 101.208 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

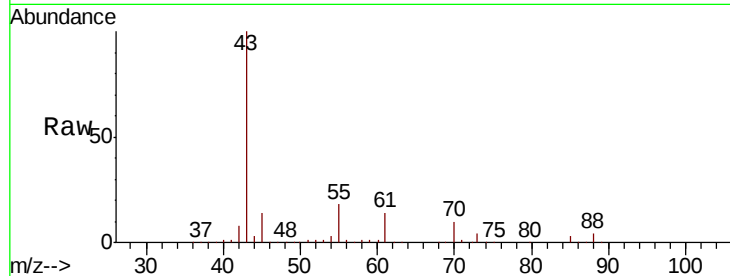
Tgt Ion: 43 Resp: 412867

Ion Ratio Lower Upper

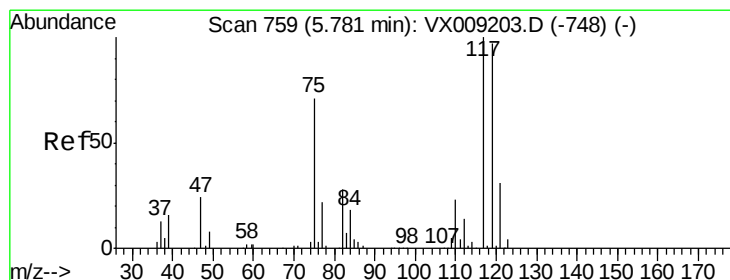
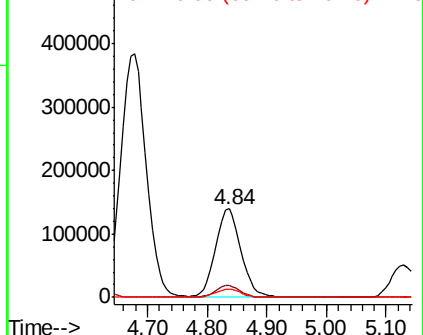
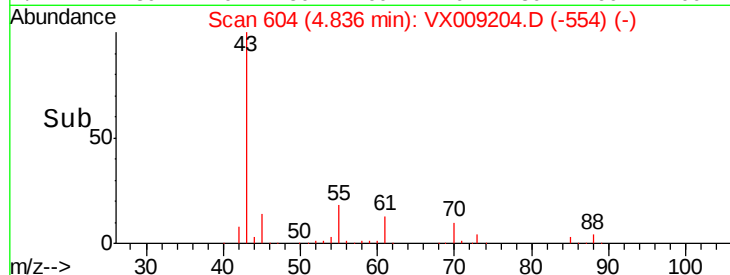
43 100

61 13.4 10.5 15.7

70 9.5 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX009204.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 99.312 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

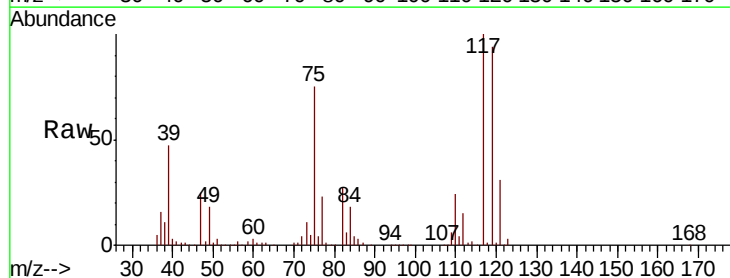
Tgt Ion: 117 Resp: 268060

Ion Ratio Lower Upper

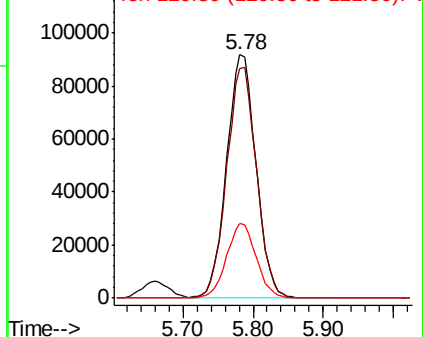
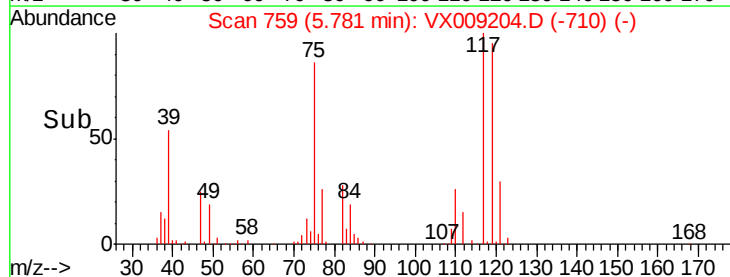
117 100

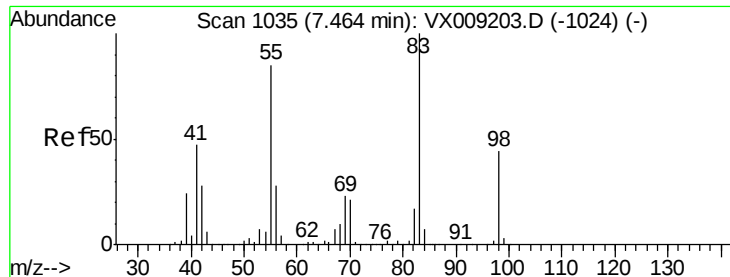
119 94.2 77.5 116.3

121 30.5 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): VX009204.D (-710) (-)

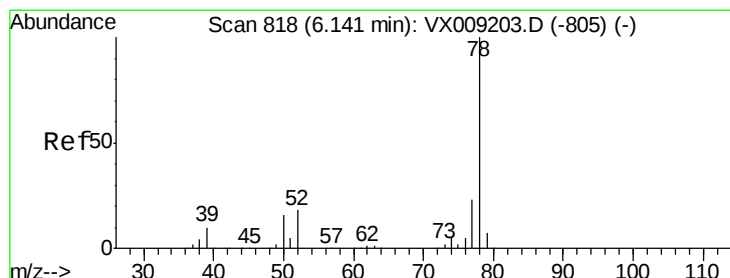
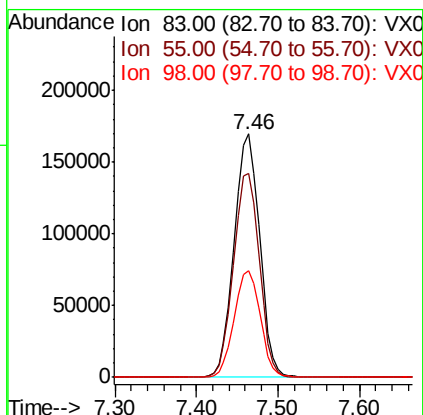
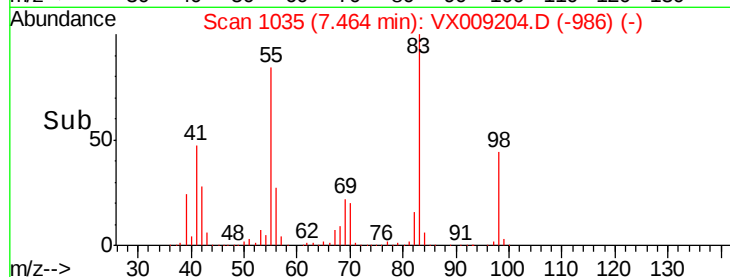
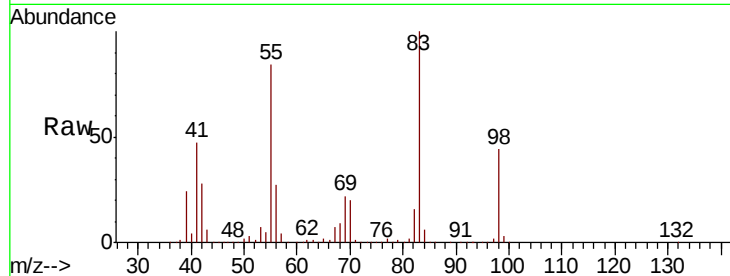




#39
Methylcyclohexane
Concen: 95.004 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

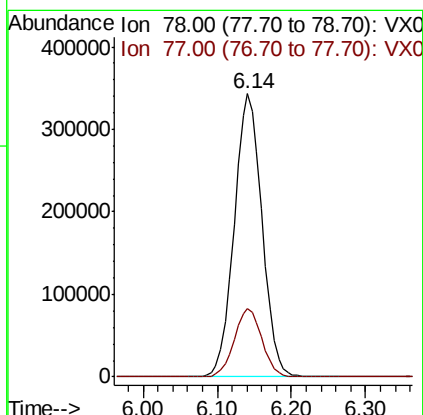
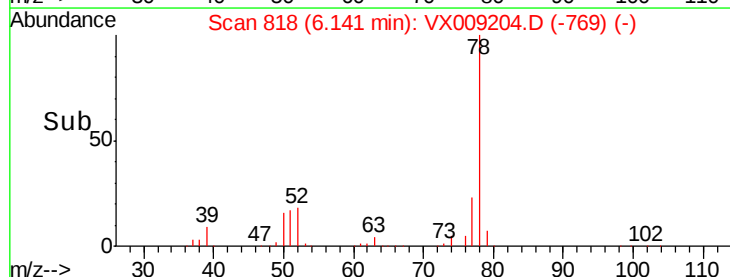
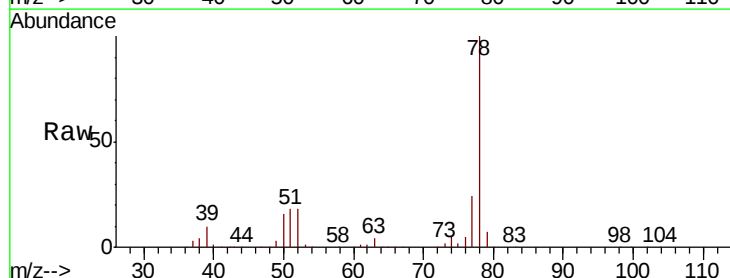
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

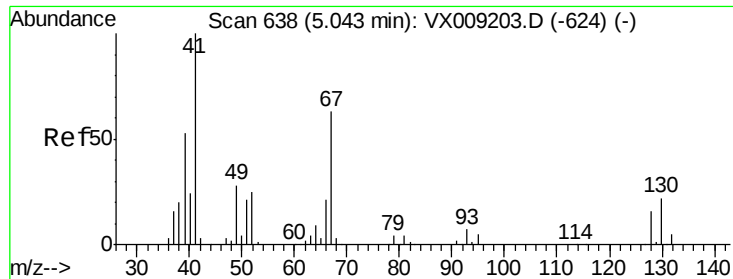
Tgt Ion: 83 Resp: 366126
Ion Ratio Lower Upper
83 100
55 83.7 67.7 101.5
98 44.0 35.5 53.3



#40
Benzene
Concen: 95.675 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Tgt Ion: 78 Resp: 897399
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2





#41

Methacrylonitrile

Concen: 100.764 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 237159

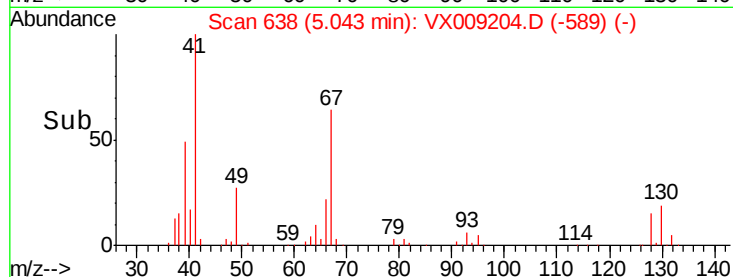
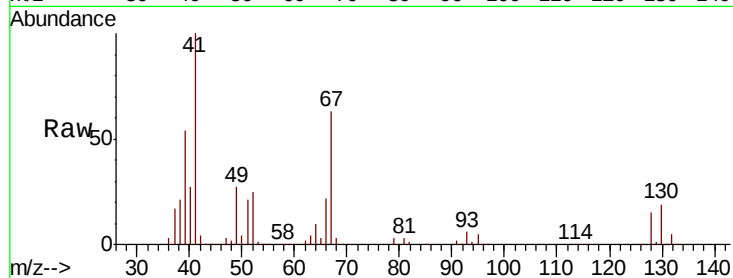
Ion Ratio Lower Upper

41 100

39 52.4 42.0 63.0

67 62.8 49.8 74.8

52 25.7 20.3 30.5

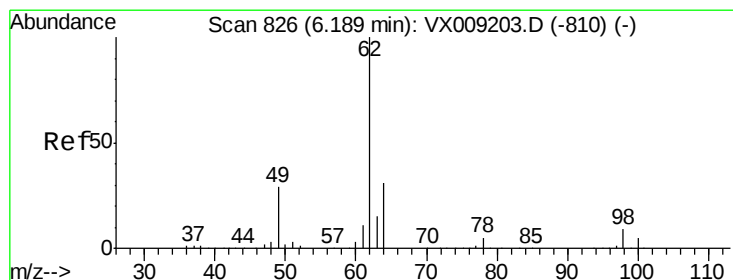
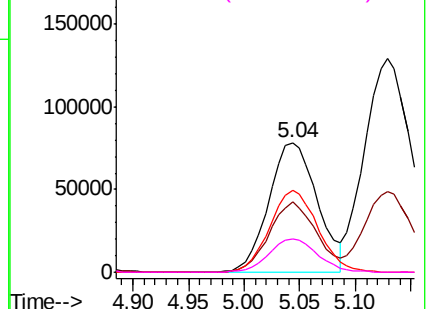


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 95.868 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009204.D

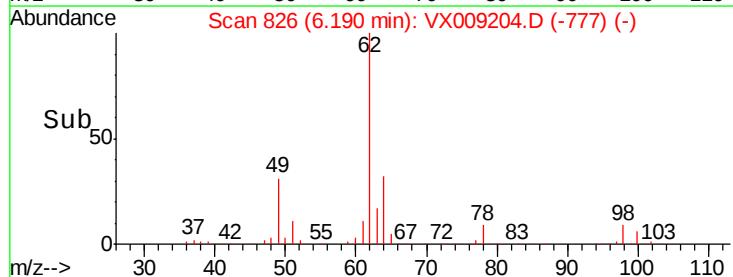
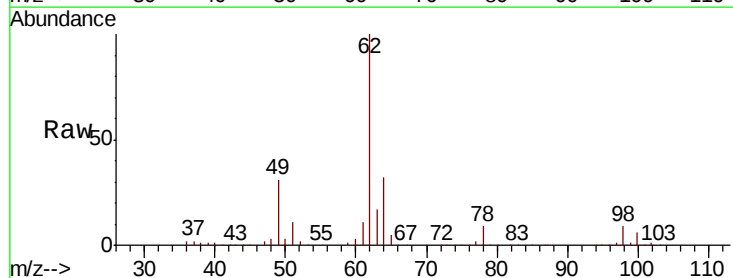
Acq: 29 Apr 2019 13:20

Tgt Ion: 62 Resp: 318609

Ion Ratio Lower Upper

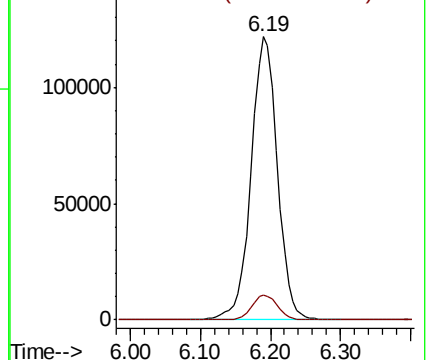
62 100

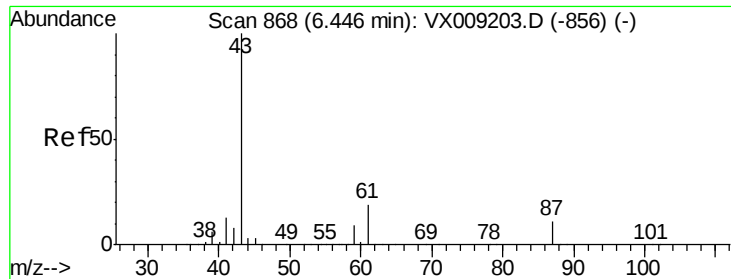
98 8.7 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 101.471 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

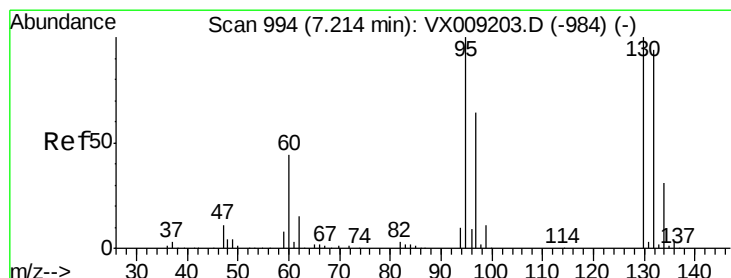
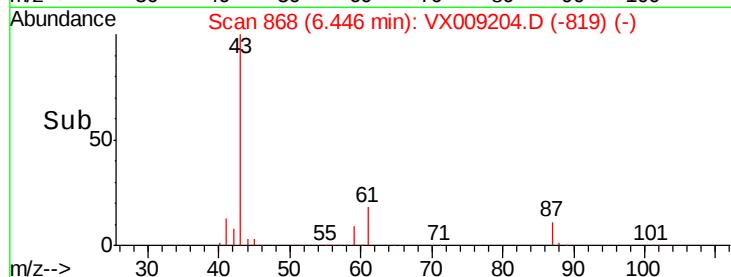
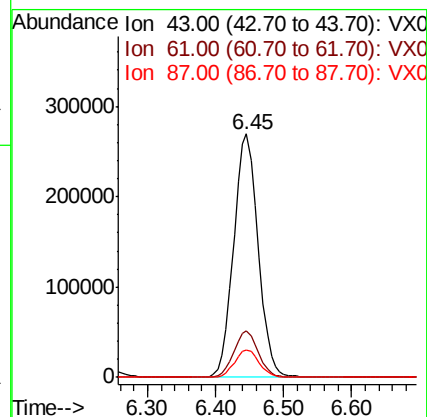
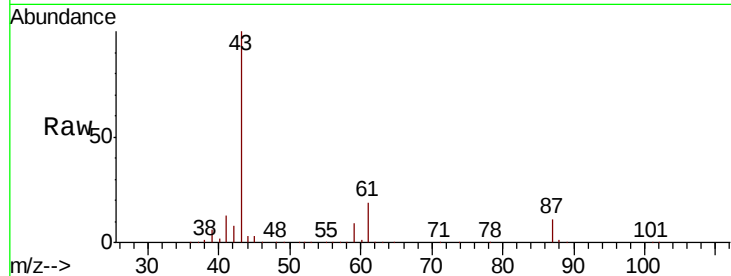
Tgt Ion: 43 Resp: 669459

Ion Ratio Lower Upper

43 100

61 19.0 15.1 22.7

87 11.5 9.0 13.6



#44

Trichloroethene

Concen: 93.949 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009204.D

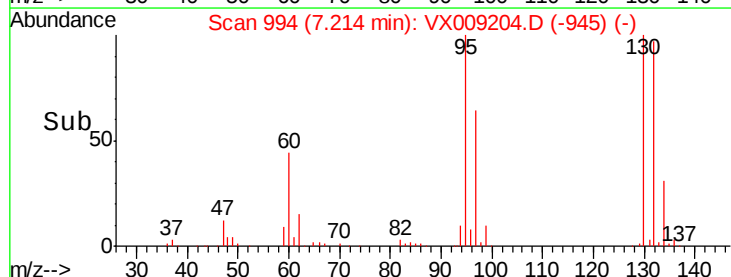
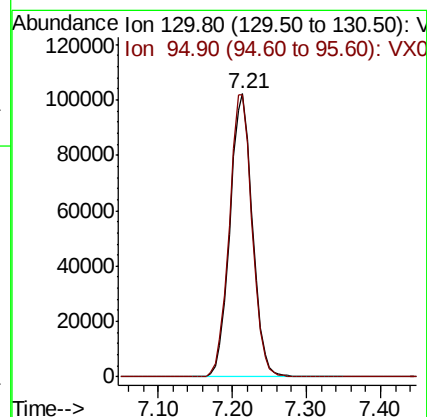
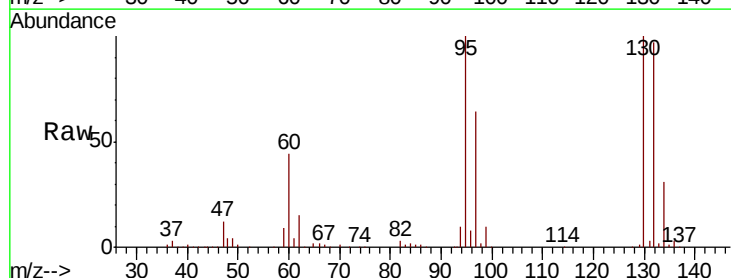
Acq: 29 Apr 2019 13:20

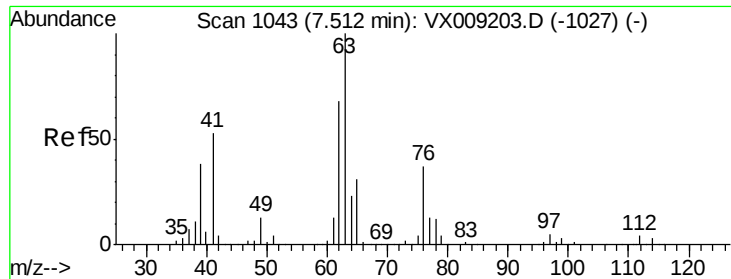
Tgt Ion: 130 Resp: 215625

Ion Ratio Lower Upper

130 100

95 99.8 0.0 199.2

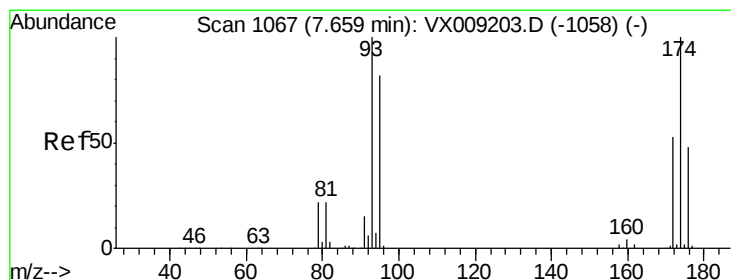
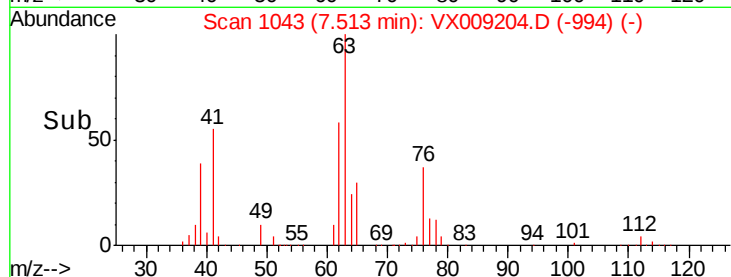
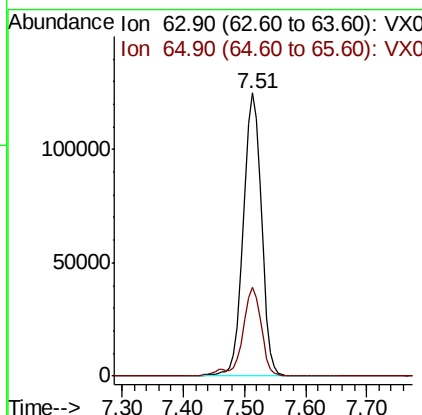
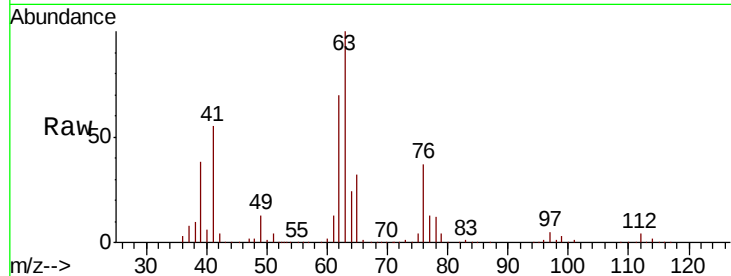




#45
 1,2-Dichloropropane
 Concen: 98.379 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

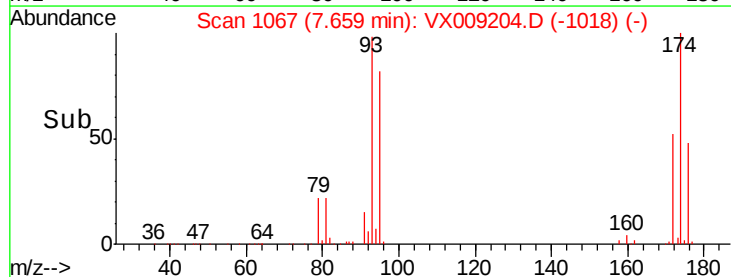
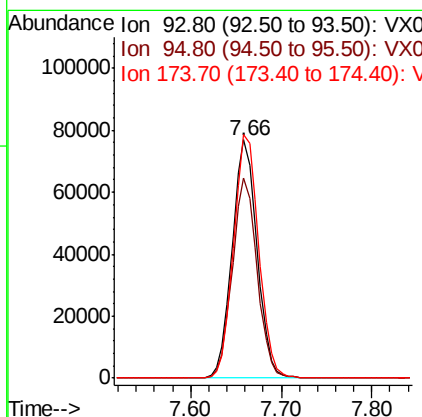
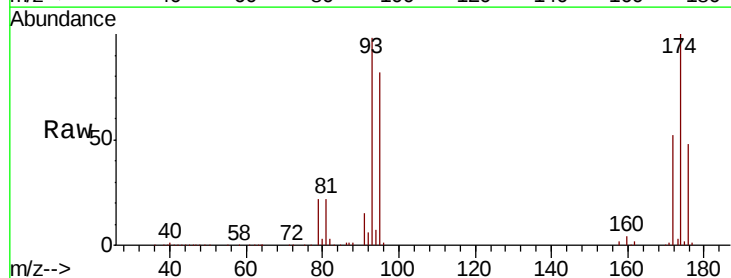
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

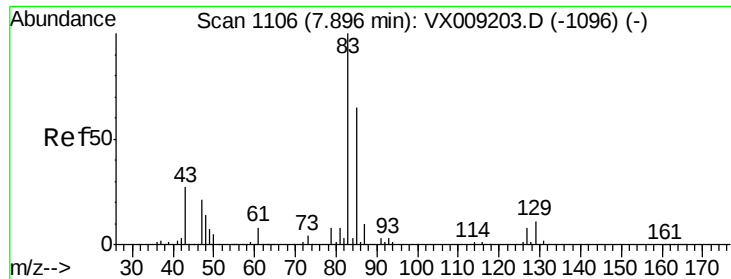
Tgt Ion: 63 Resp: 256412
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.6



#46
 Dibromomethane
 Concen: 96.834 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

Tgt Ion: 93 Resp: 146716
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.5 99.7
 174 103.4 82.1 123.1





#47

Bromodichloromethane

Concen: 101.642 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

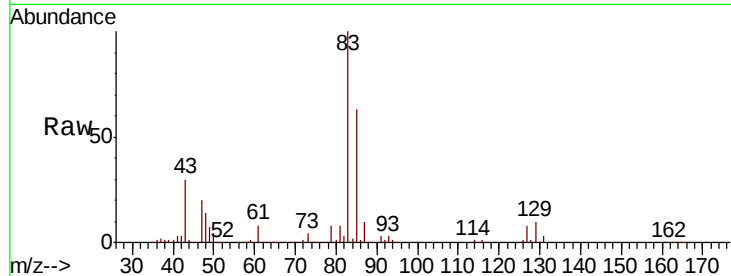
Tgt Ion: 83 Resp: 302725

Ion Ratio Lower Upper

83 100

85 62.6 52.4 78.6

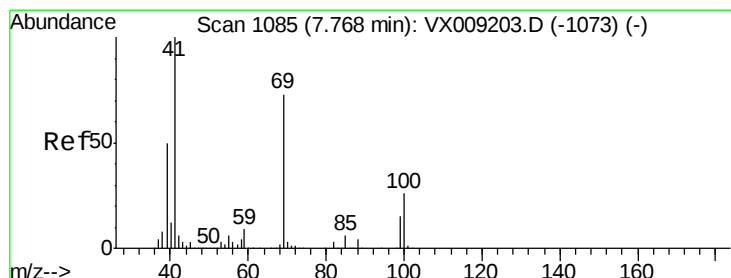
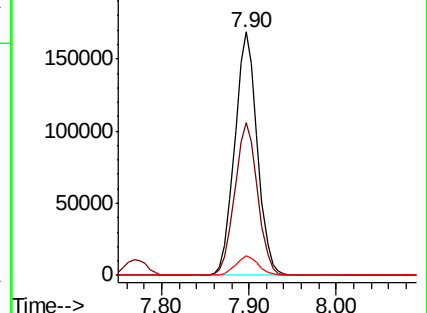
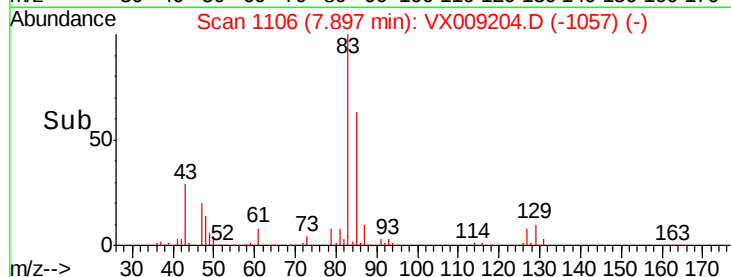
127 7.9 6.6 10.0



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: 103.687 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

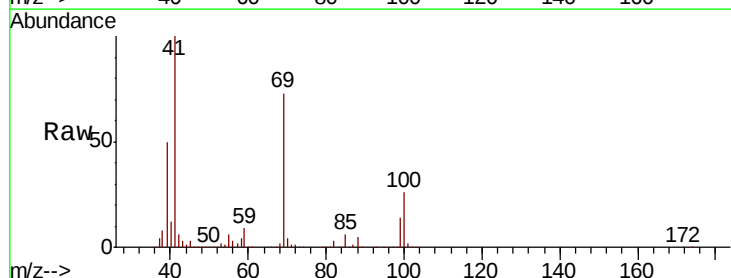
Tgt Ion: 41 Resp: 337948

Ion Ratio Lower Upper

41 100

69 73.8 59.1 88.7

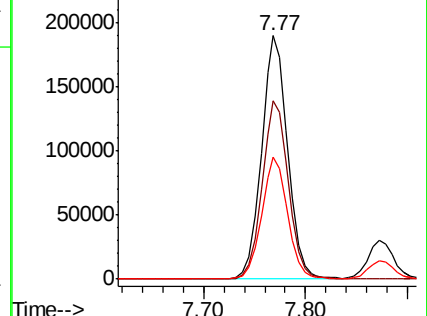
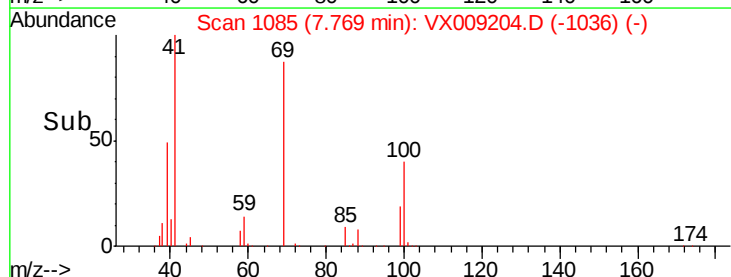
39 49.9 40.4 60.6

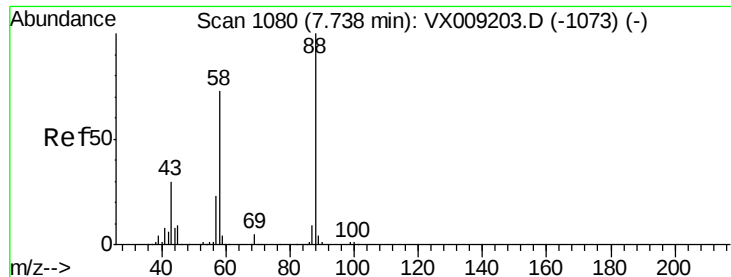


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

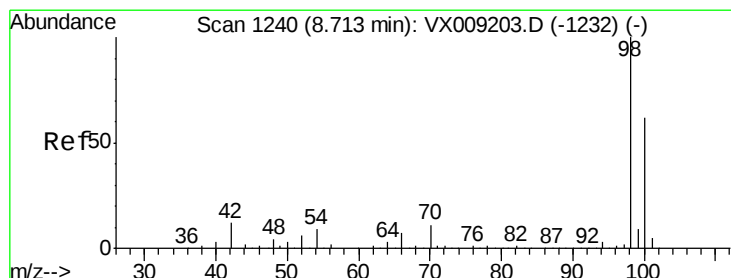
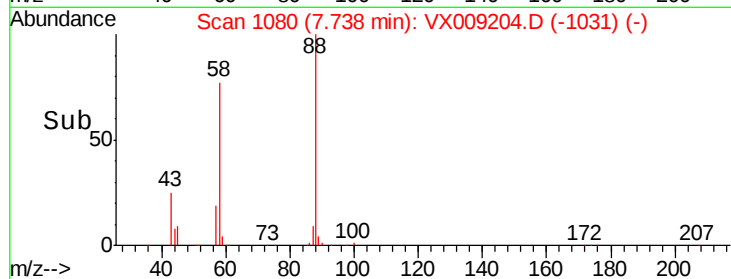
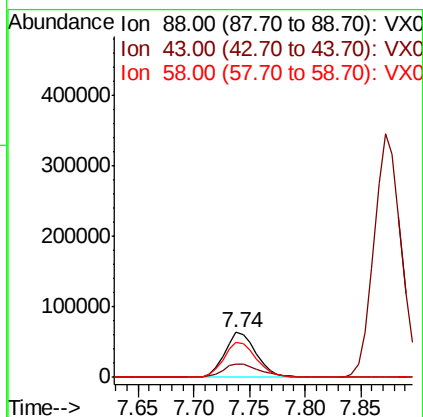
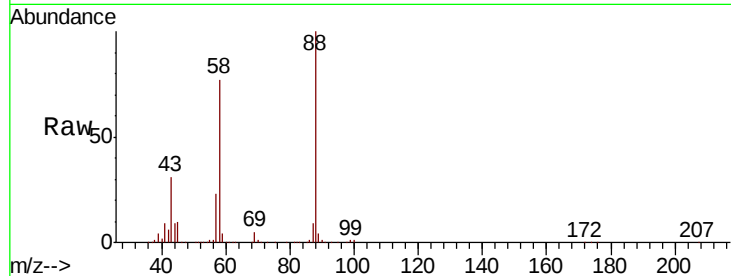




#49
 1,4-Dioxane
 Concen: 2000.648 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

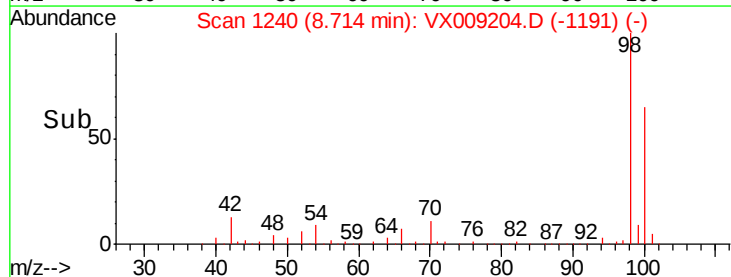
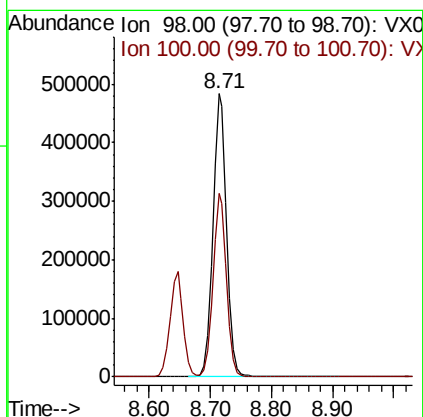
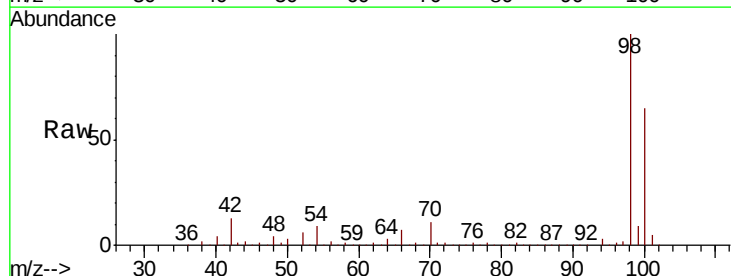
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

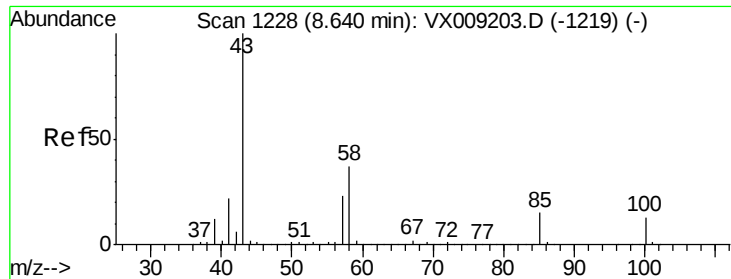
Tgt Ion: 88 Resp: 124697
 Ion Ratio Lower Upper
 88 100
 43 36.1 28.6 42.8
 58 80.7 61.7 92.5



#50
 Toluene-d8
 Concen: 96.712 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

Tgt Ion: 98 Resp: 770117
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.2 76.8

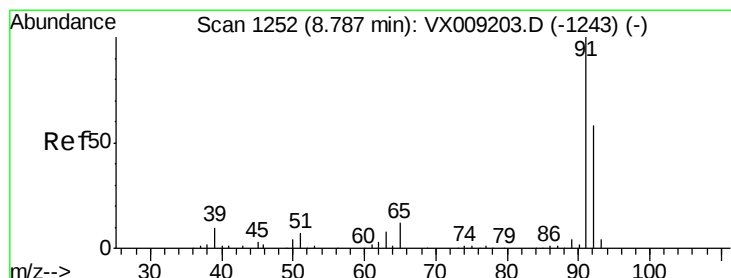
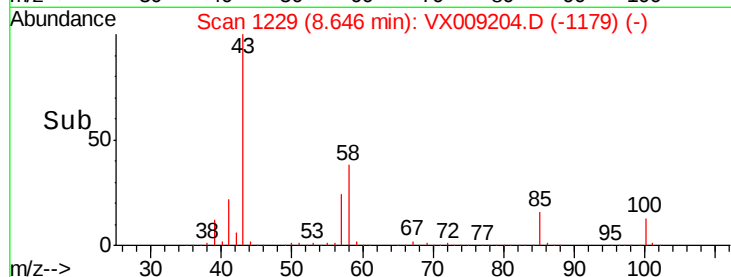
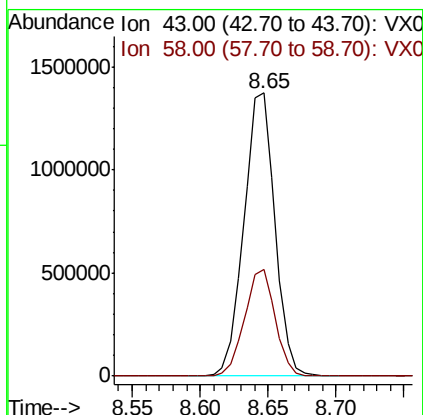
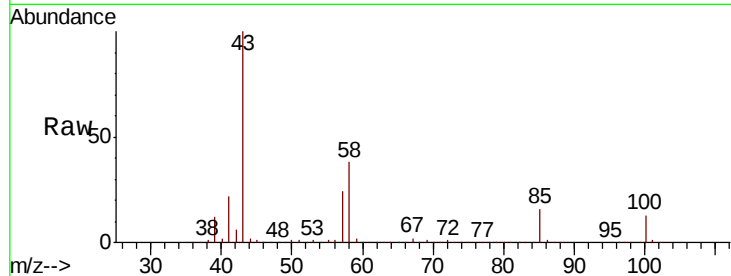




#51
 4-Methyl-2-Pentanone
 Concen: 519.552 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

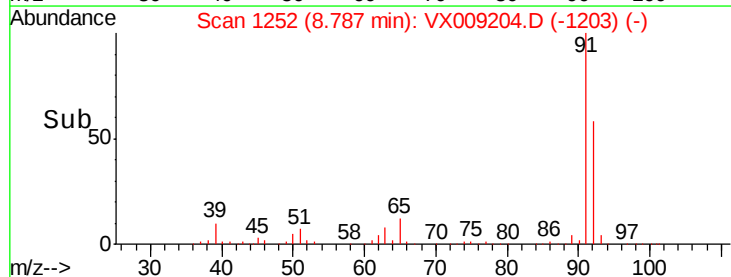
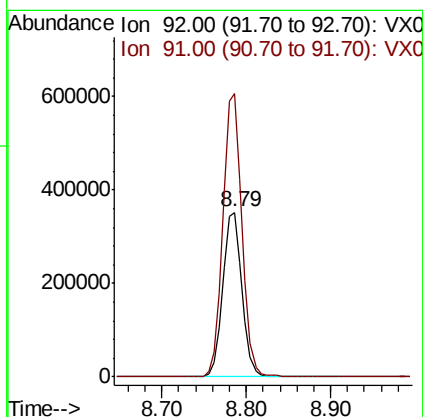
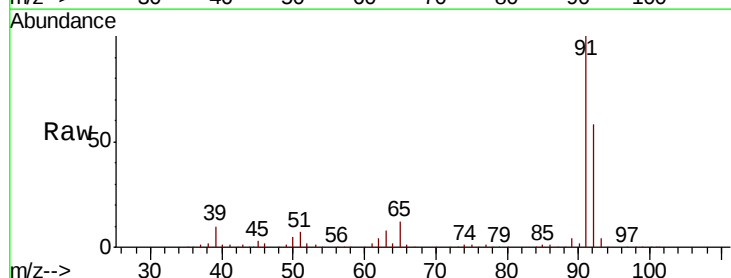
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

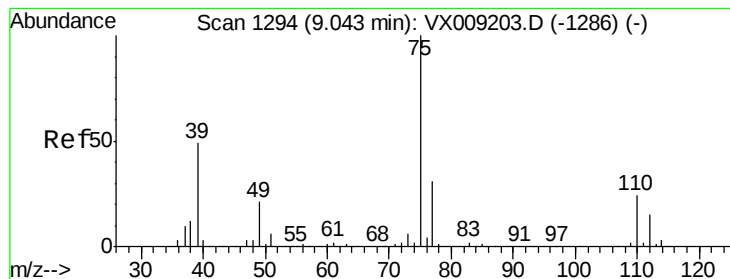
Tgt Ion: 43 Resp: 2191956
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.5 44.3



#52
 Toluene
 Concen: 97.891 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

Tgt Ion: 92 Resp: 551527
 Ion Ratio Lower Upper
 92 100
 91 172.4 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 106.700 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

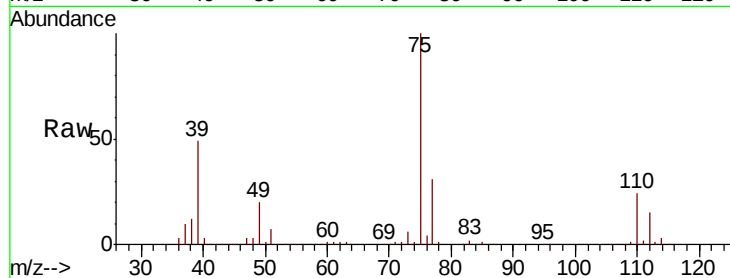
VSTDIC100

Tgt Ion: 75 Resp: 363787

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

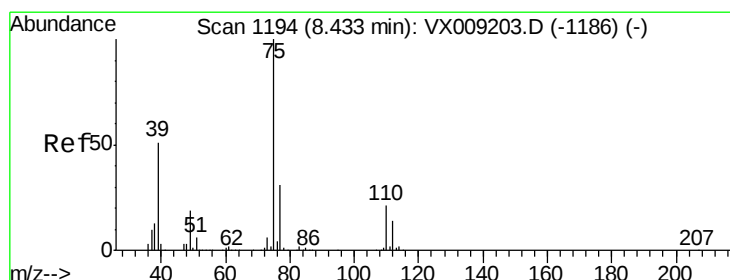
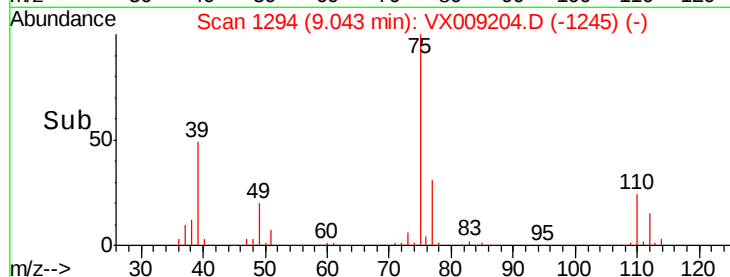
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 101.977 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

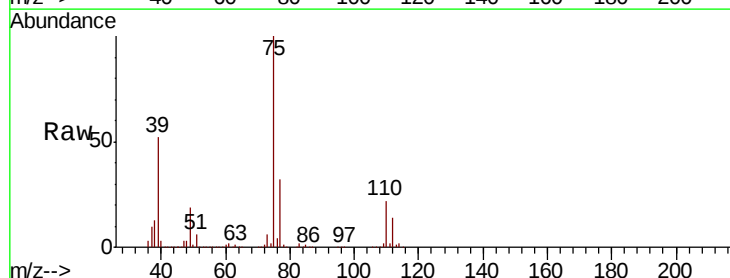
Tgt Ion: 75 Resp: 390694

Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 51.8 40.6 60.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

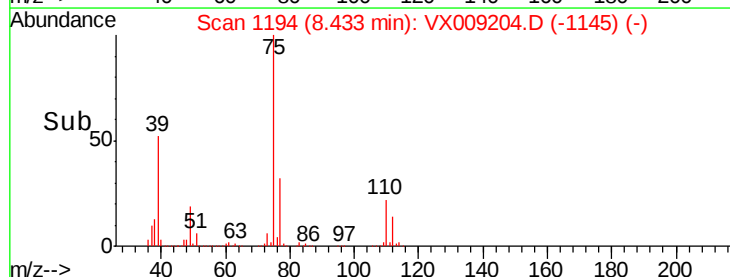
300000

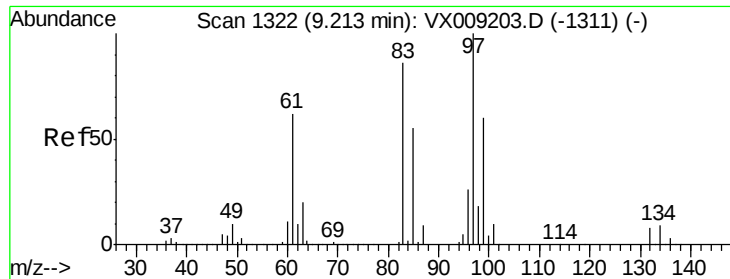
200000

100000

0

Time-->

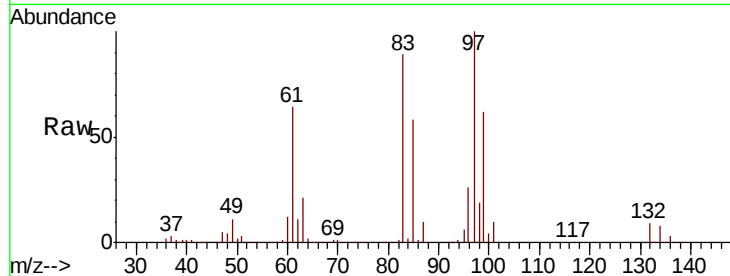




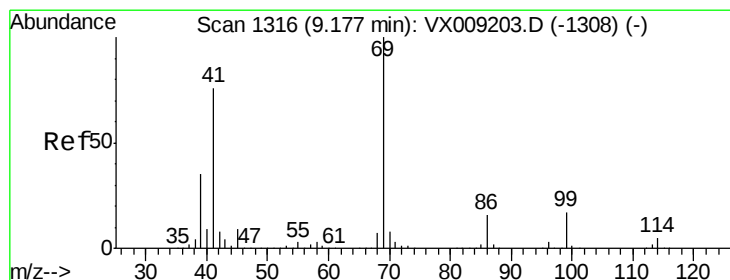
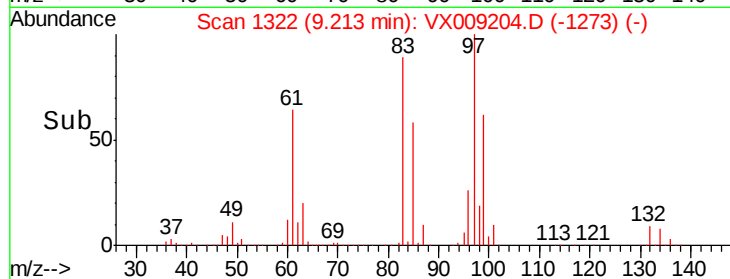
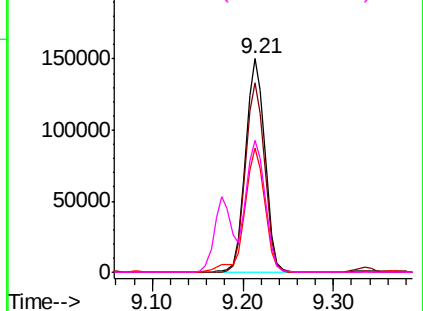
#55
 1,1,2-Trichloroethane
 Concen: 99.298 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	222330
Ion	Ratio	Lower	Upper
97	100		
83	88.5	68.9	103.3
85	58.0	43.8	65.6
99	61.9	48.2	72.2

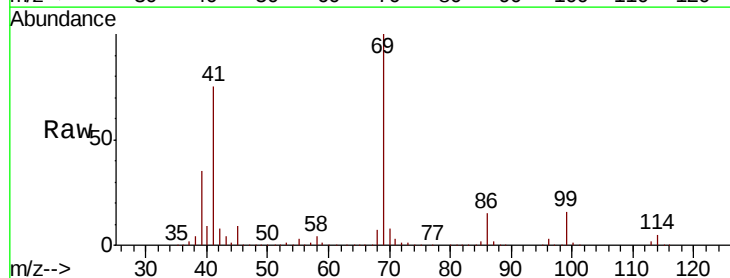


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

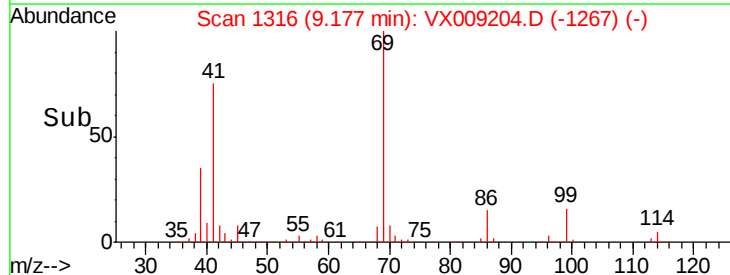
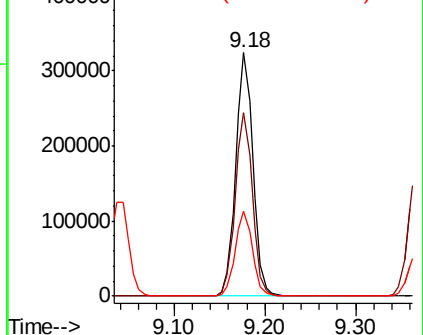


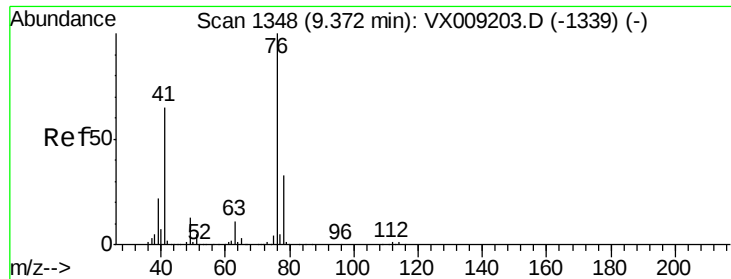
#56
 Ethyl methacrylate
 Concen: 106.480 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

Tgt Ion:	69	Resp:	426953
Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.6	90.8
39	35.0	28.2	42.4



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





#57

1,3-Dichloropropane

Concen: 98.859 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

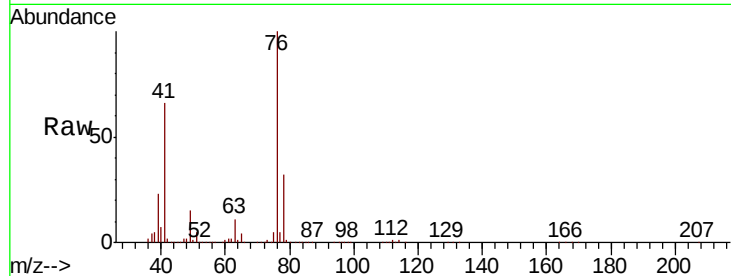
VSTDIC100

Tgt Ion: 76 Resp: 392876

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

250000

200000

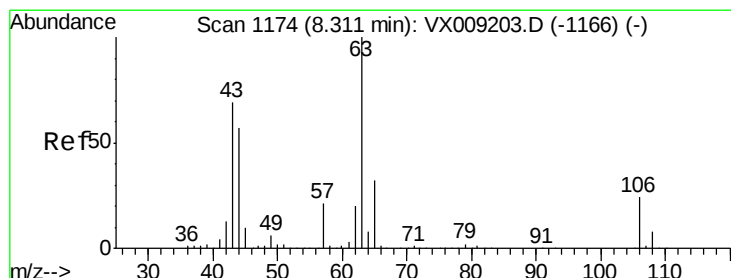
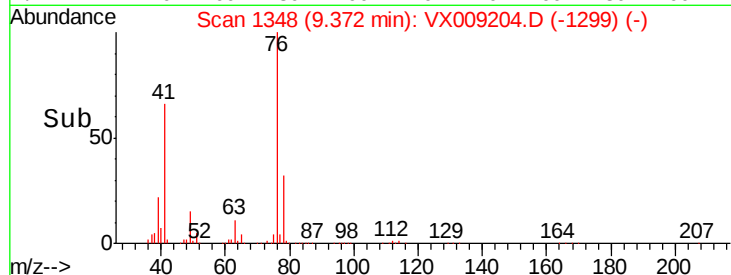
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 498.252 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009204.D

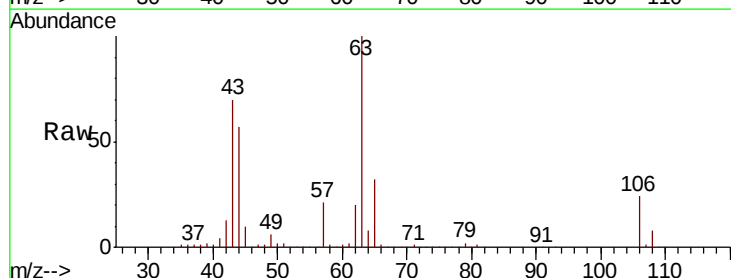
Acq: 29 Apr 2019 13:20

Tgt Ion: 63 Resp: 1079112

Ion Ratio Lower Upper

63 100

106 24.9 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

800000

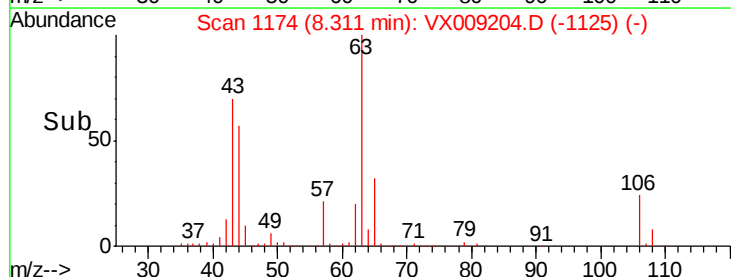
600000

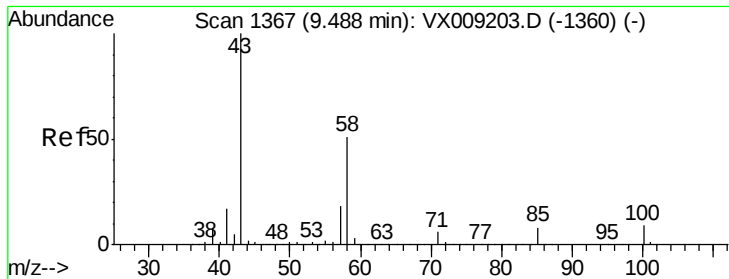
400000

200000

0

Time-->

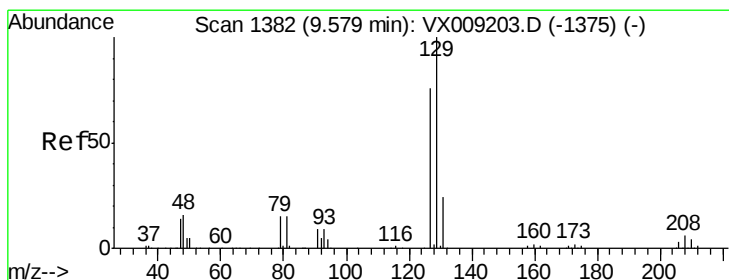
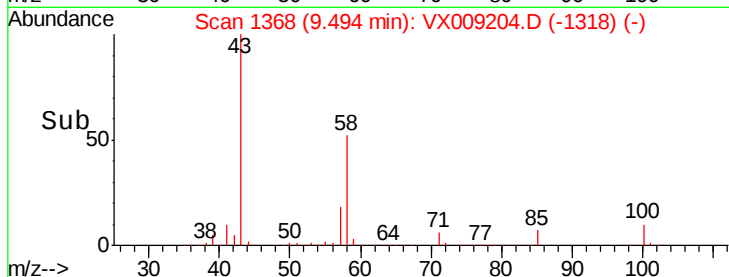
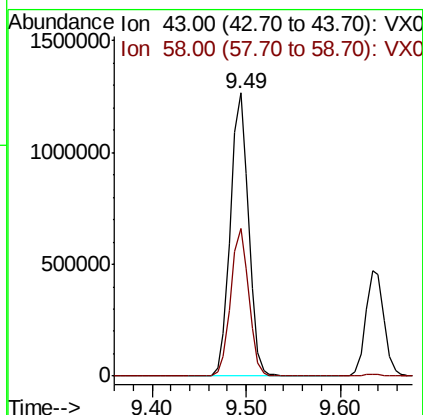
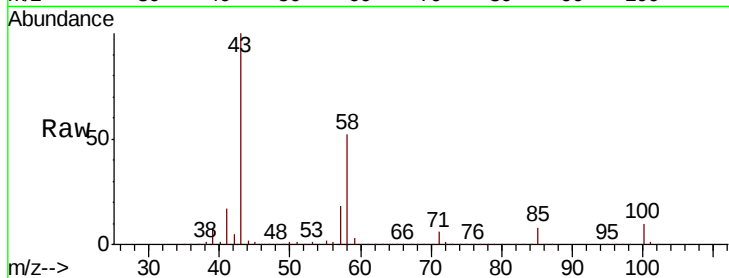




#59
2-Hexanone
Concen: 518.541 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

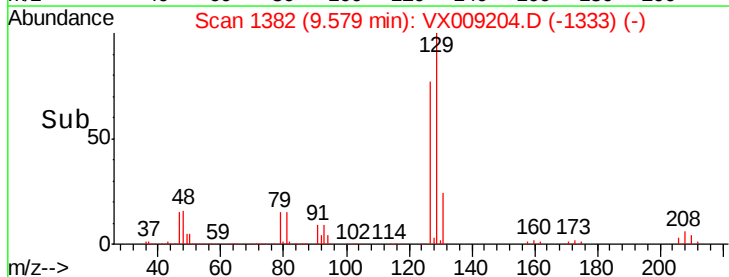
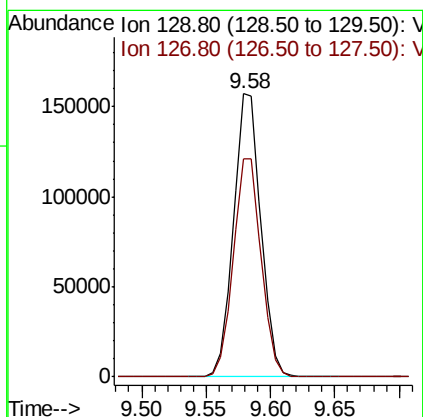
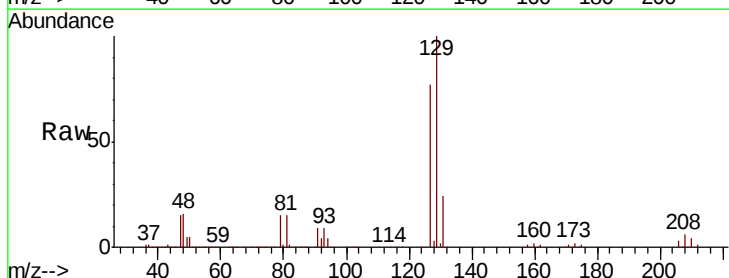
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

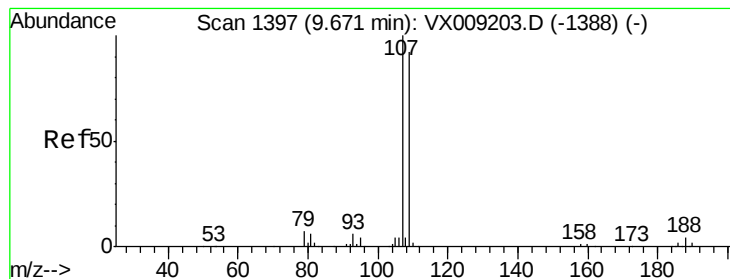
Tgt Ion: 43 Resp: 1695428
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7



#60
Dibromochloromethane
Concen: 108.441 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Tgt Ion: 129 Resp: 232676
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 99.892 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

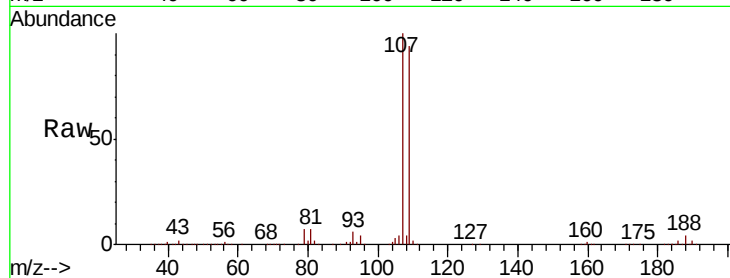
VSTDIC100

Tgt Ion: 107 Resp: 229873

Ion Ratio Lower Upper

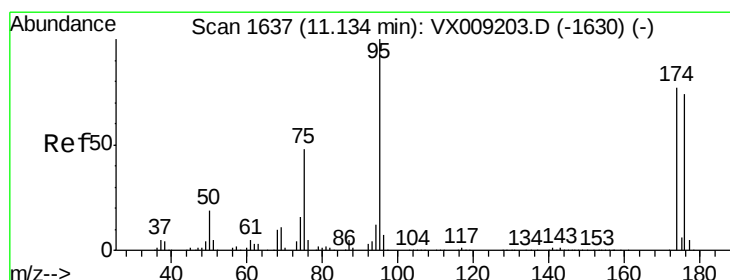
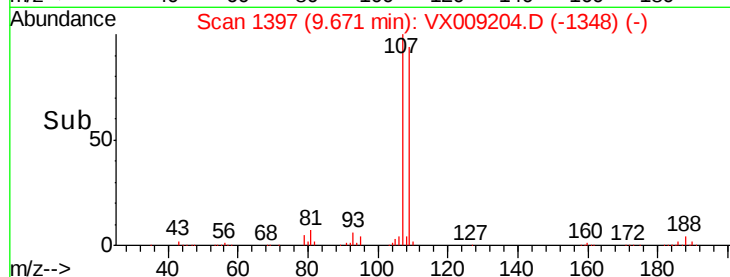
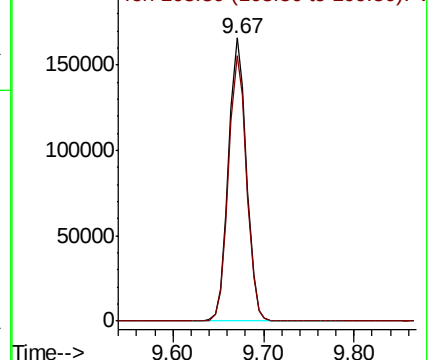
107 100

109 94.3 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: 104.376 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

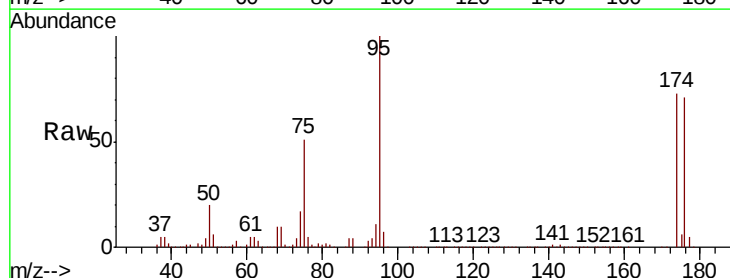
Tgt Ion: 95 Resp: 294537

Ion Ratio Lower Upper

95 100

174 80.1 0.0 161.6

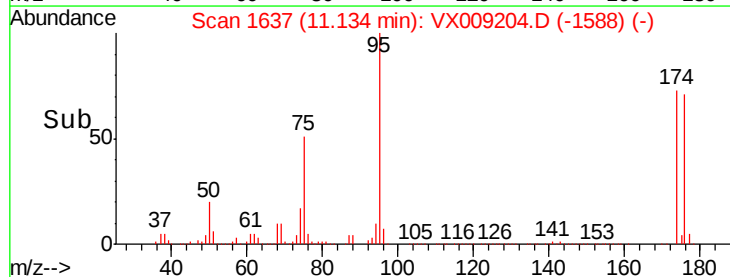
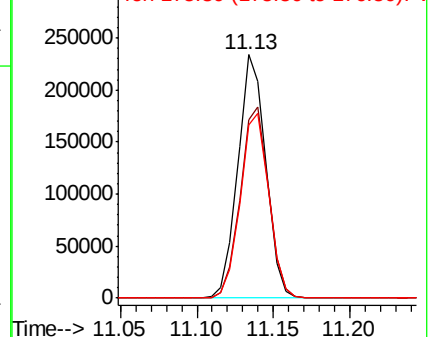
176 77.7 0.0 159.2

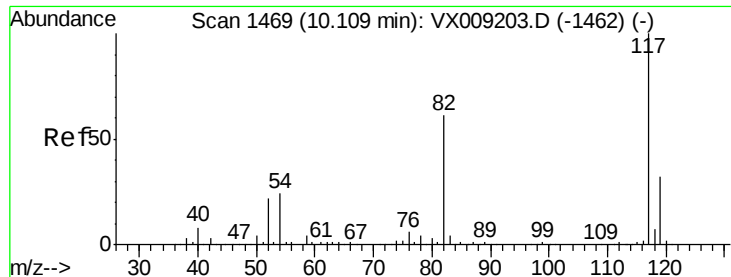


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

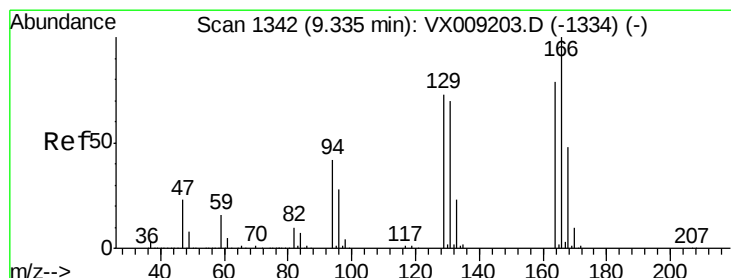
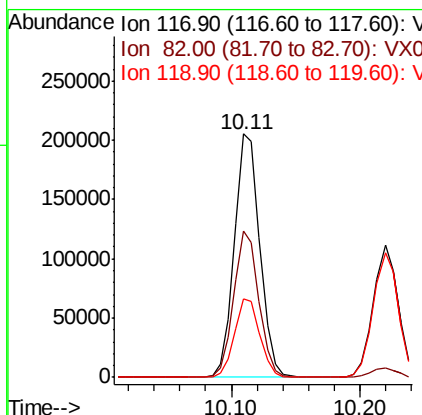
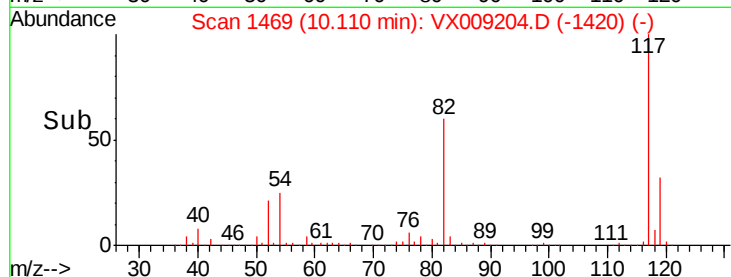
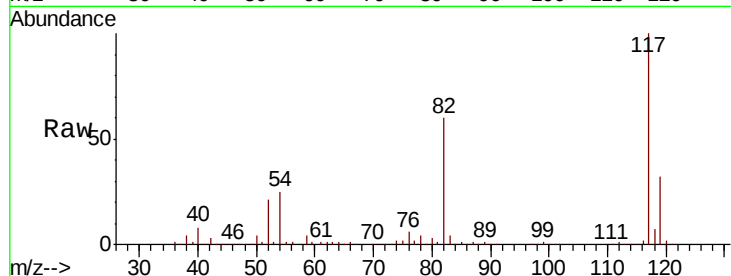




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

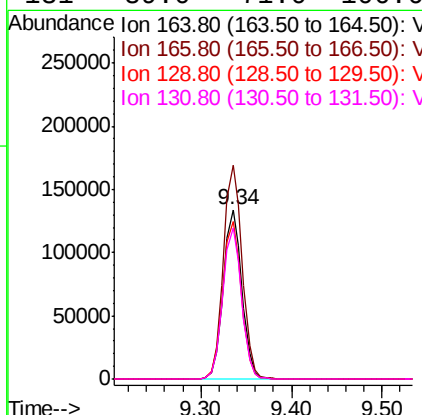
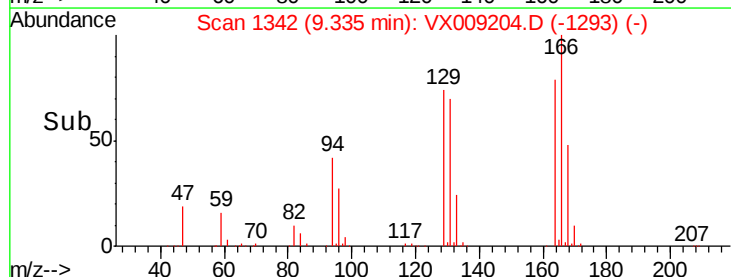
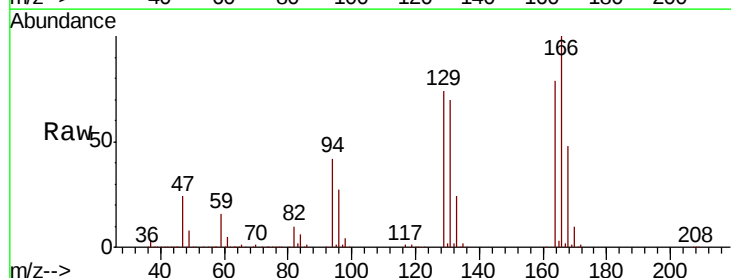
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

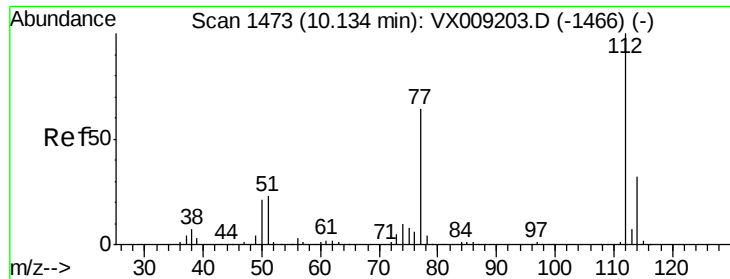
Tgt Ion:117 Resp: 283520
Ion Ratio Lower Upper
117 100
82 59.9 48.8 73.2
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 89.397 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Tgt Ion:164 Resp: 190396
Ion Ratio Lower Upper
164 100
166 126.3 101.2 151.8
129 93.1 74.3 111.5
131 89.0 71.0 106.6

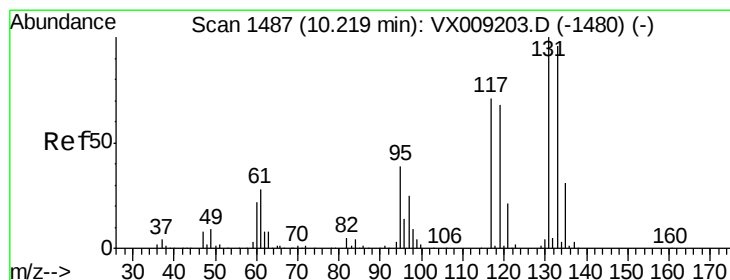
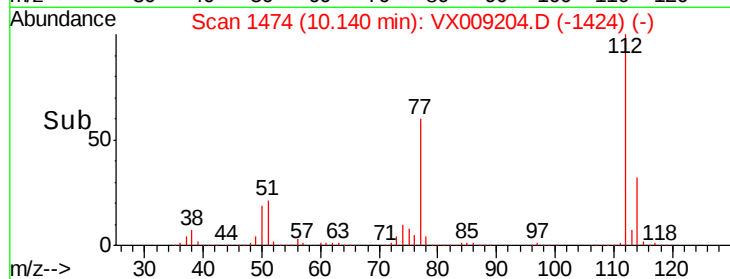
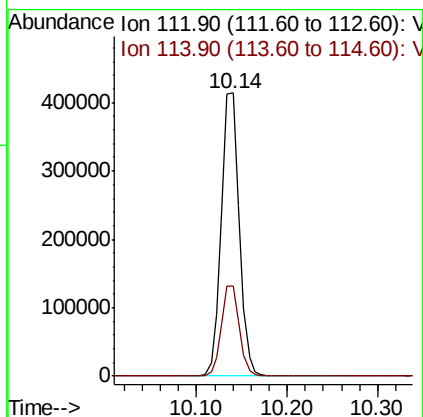
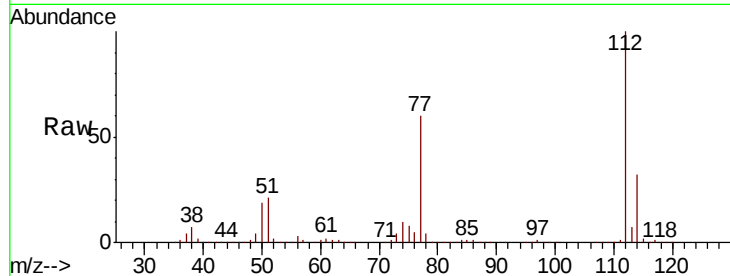




#65
Chlorobenzene
Concen: 96.282 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

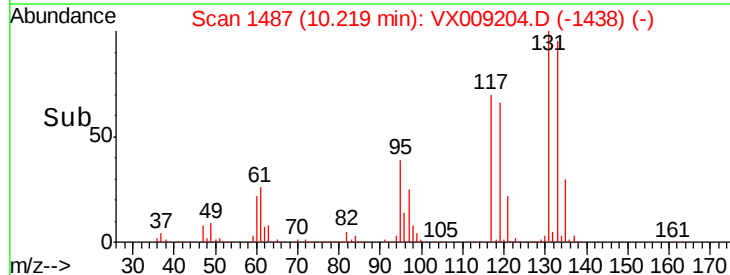
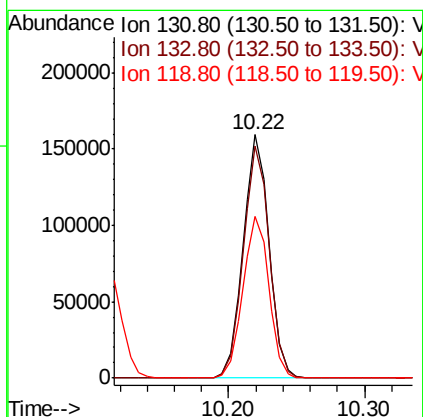
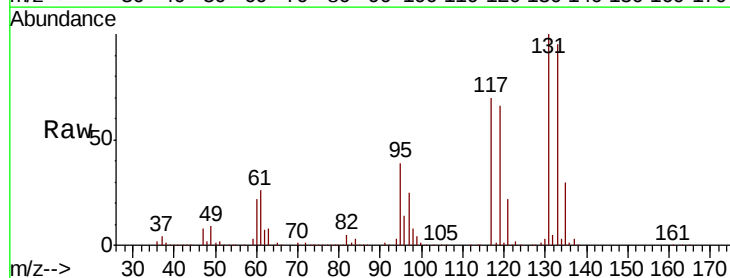
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

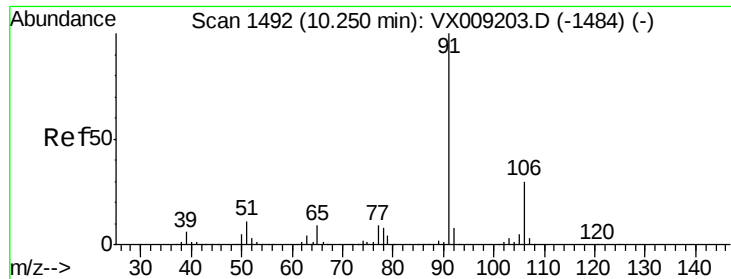
Tgt Ion:112 Resp: 575478
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 100.100 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Tgt Ion:131 Resp: 210624
Ion Ratio Lower Upper
131 100
133 96.1 47.7 143.1
119 67.2 33.5 100.4

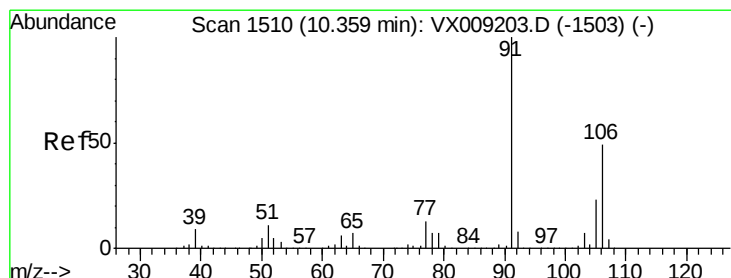
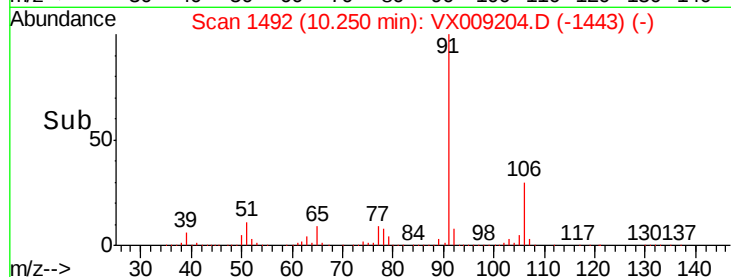
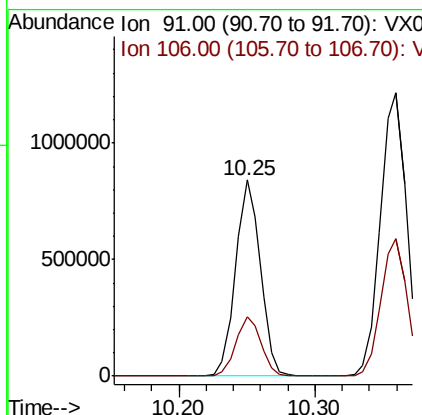
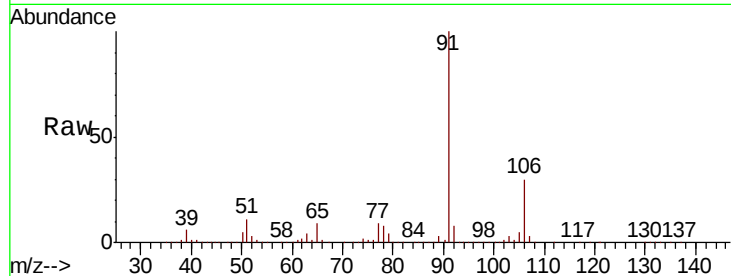




#67
Ethyl Benzene
Concen: 98.009 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

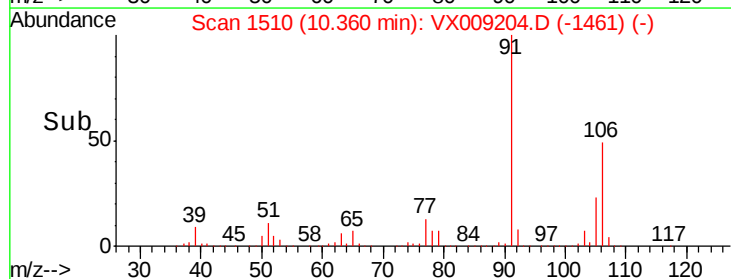
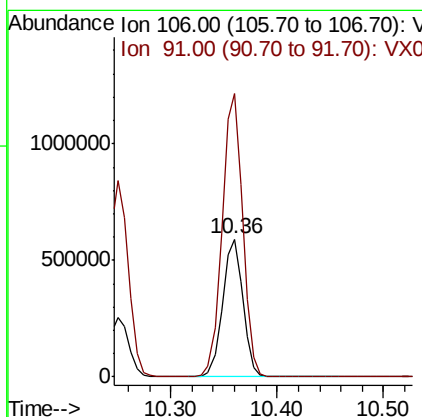
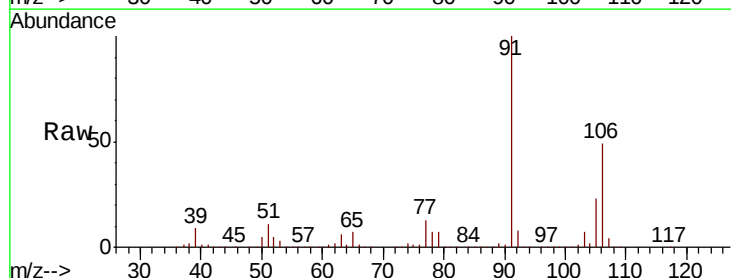
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

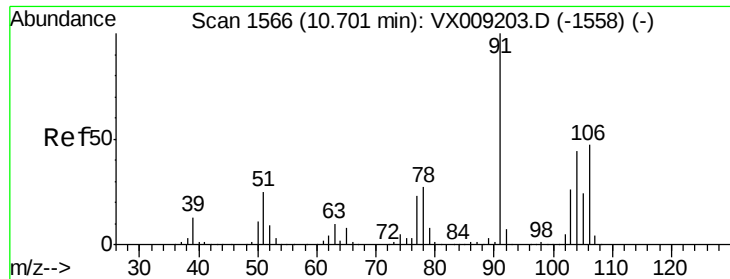
Tgt Ion: 91 Resp: 1069641
Ion Ratio Lower Upper
91 100
106 30.4 24.0 36.0



#68
m/p-Xylenes
Concen: 197.755 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Tgt Ion: 106 Resp: 786625
Ion Ratio Lower Upper
106 100
91 207.5 164.0 246.0

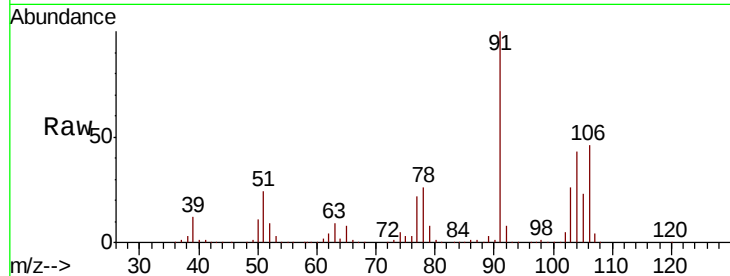




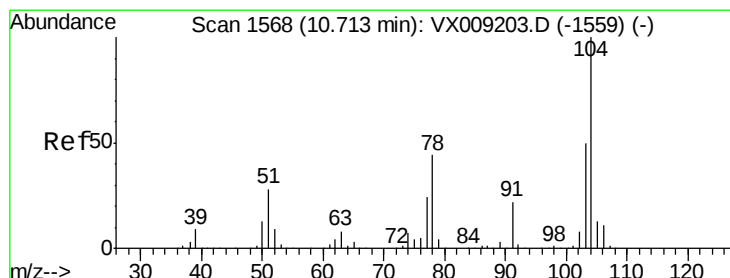
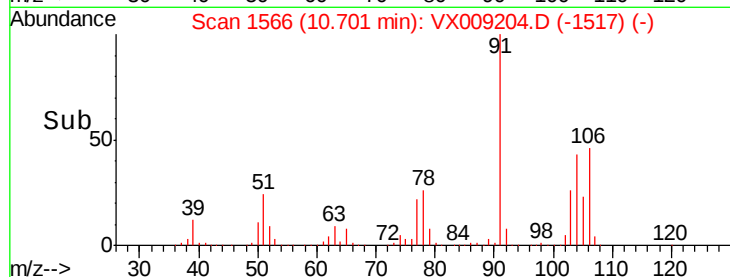
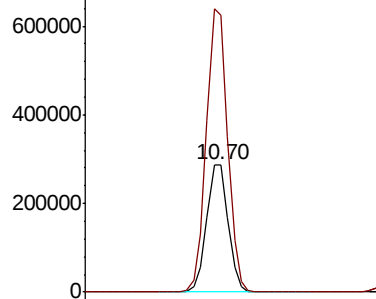
#69
o-Xylene
Concen: 99.601 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 385492
Ion Ratio Lower Upper
106 100
91 219.1 109.5 328.4

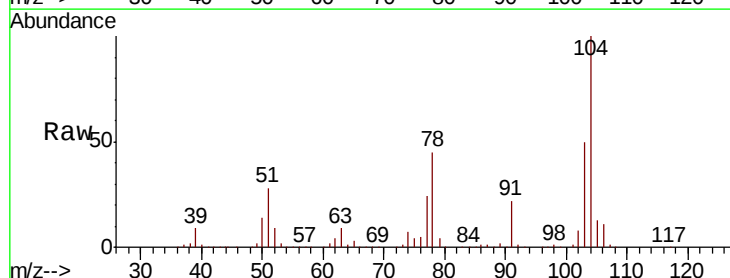


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

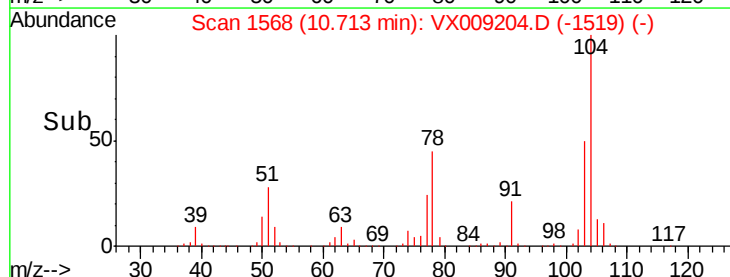
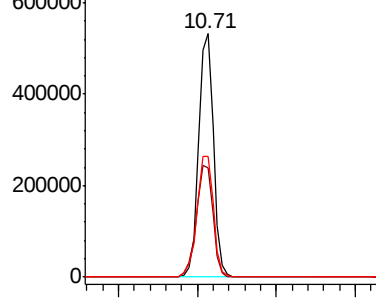


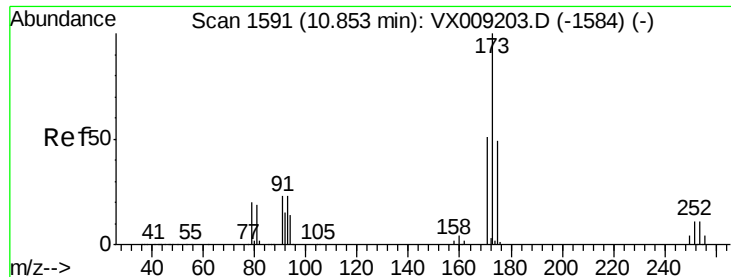
#70
Styrene
Concen: 102.513 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Tgt Ion:104 Resp: 689082
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.4
103 55.5 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 109.757 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

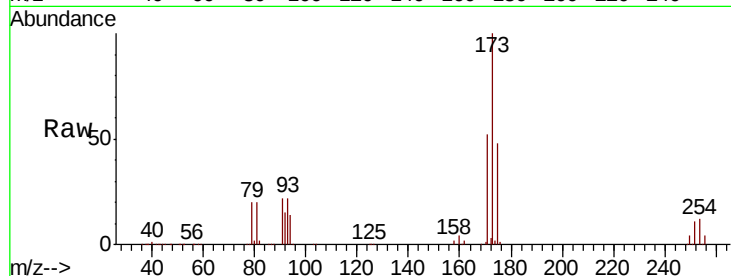
Tgt Ion:173 Resp: 184378

Ion Ratio Lower Upper

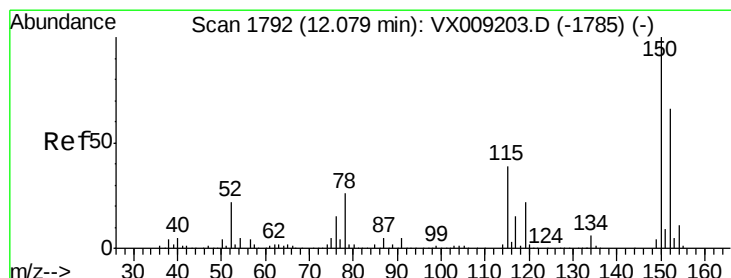
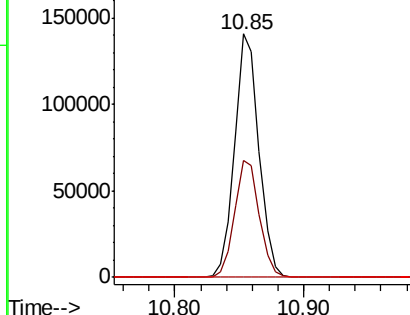
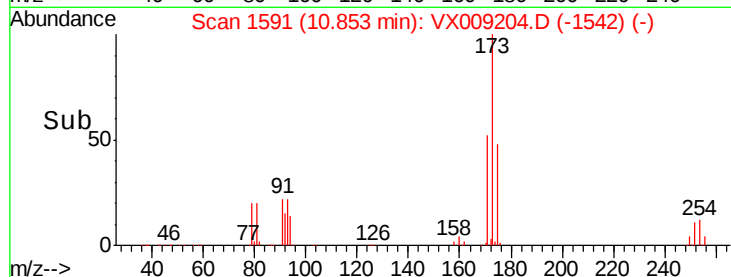
173 100

175 48.9 24.5 73.5

254 0.2 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: VX009204.D

Acq: 29 Apr 2019 13:20

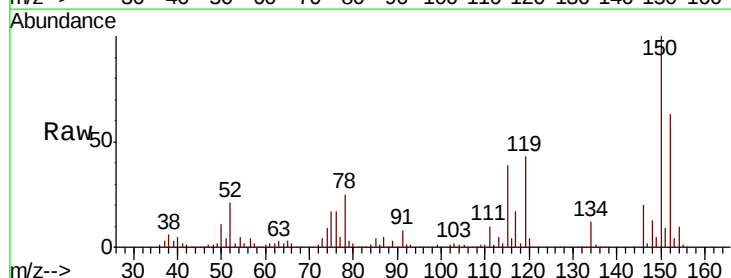
Tgt Ion:152 Resp: 143425

Ion Ratio Lower Upper

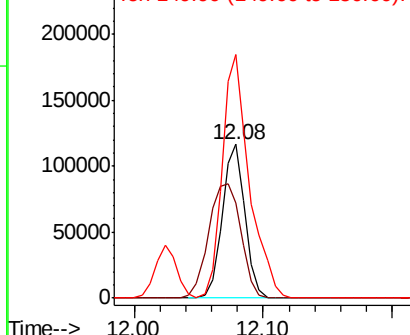
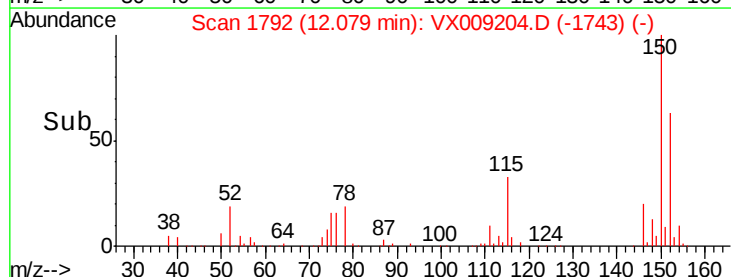
152 100

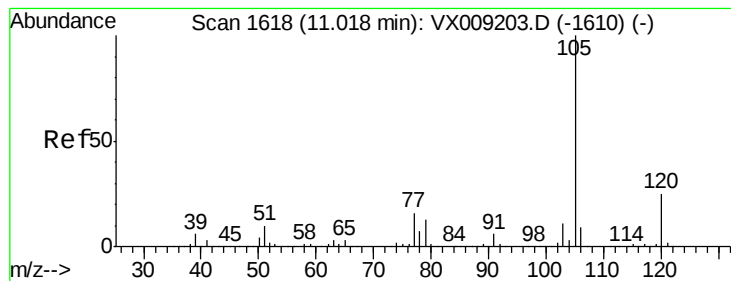
115 106.0 41.2 123.6

150 188.8 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: 94.923 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

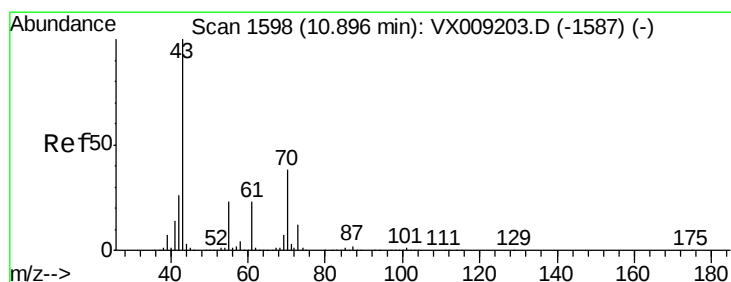
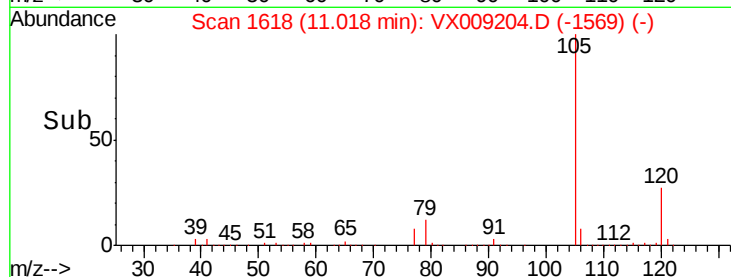
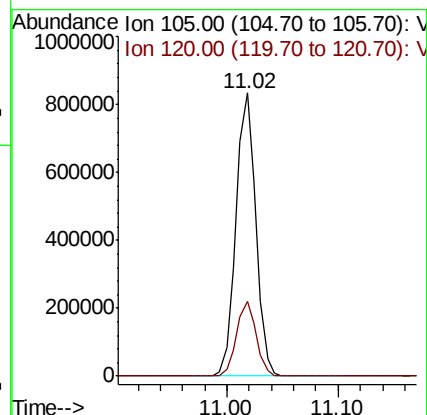
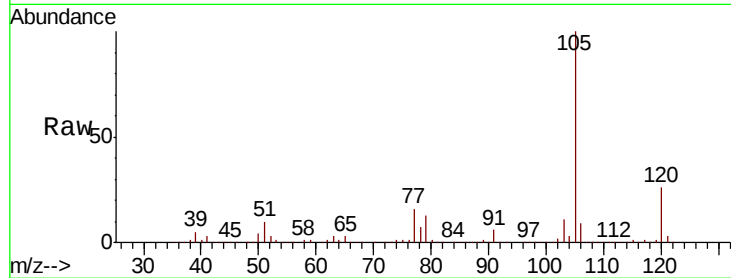
VSTDIC100

Tgt Ion: 105 Resp: 1025504

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.3



#74

N-ethyl acetate

Concen: 98.889 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Tgt Ion: 43 Resp: 616659

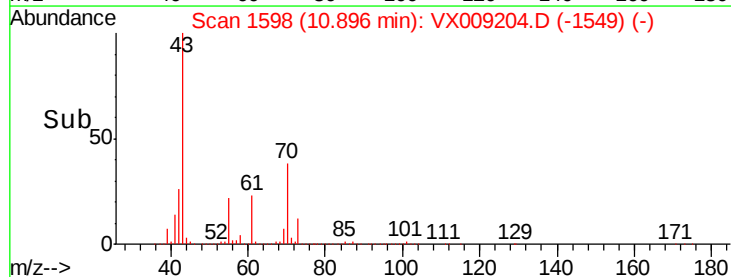
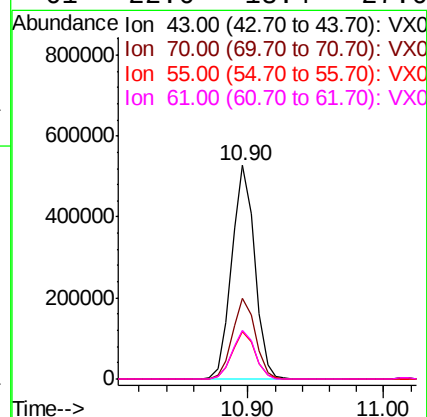
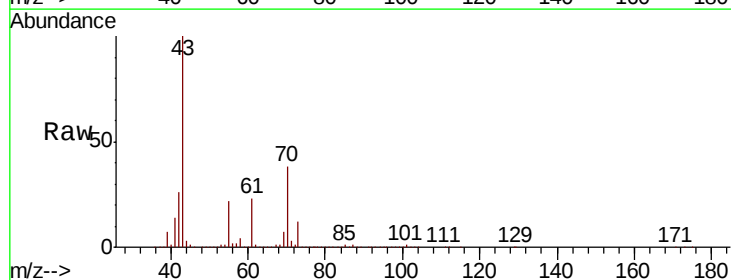
Ion Ratio Lower Upper

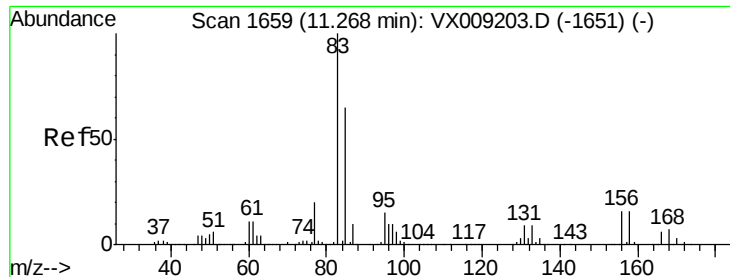
43 100

70 37.5 30.0 45.0

55 22.2 17.9 26.9

61 22.6 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 94.339 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

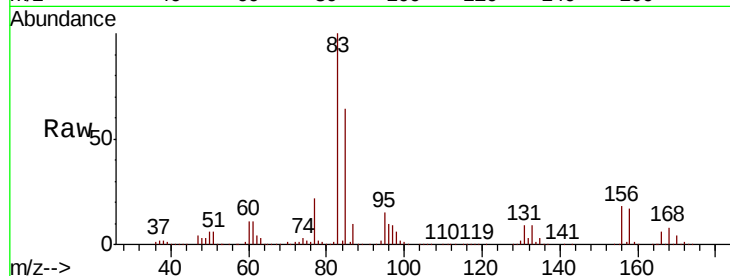
Tgt Ion: 83 Resp: 374574

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

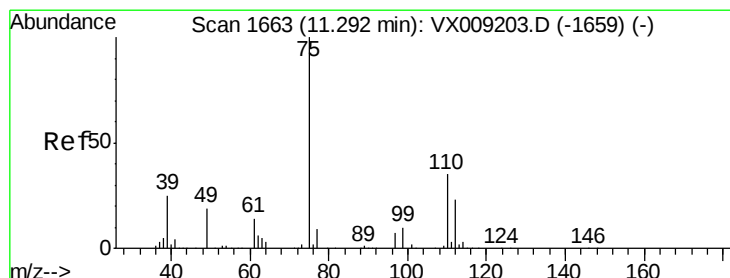
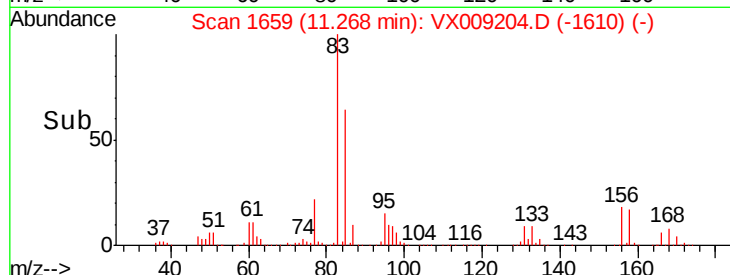
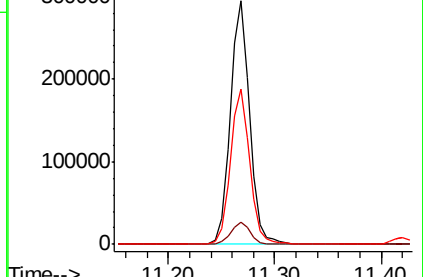
85 63.9 32.0 96.2



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: 131.542 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009204.D

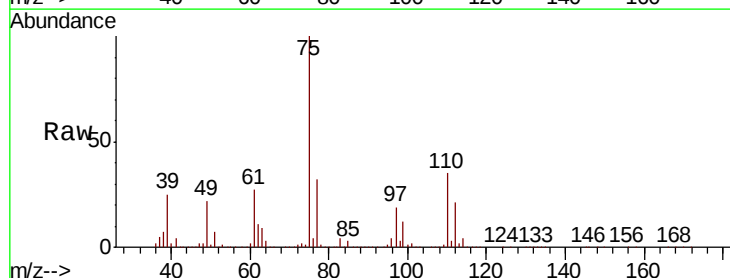
Acq: 29 Apr 2019 13:20

Tgt Ion: 75 Resp: 458879

Ion Ratio Lower Upper

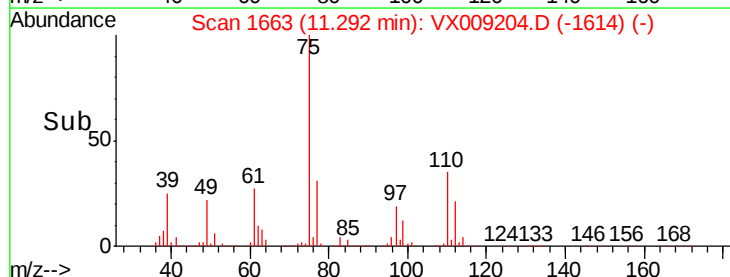
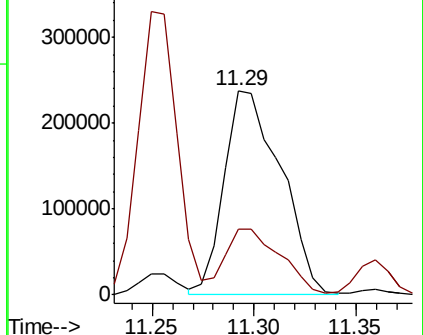
75 100

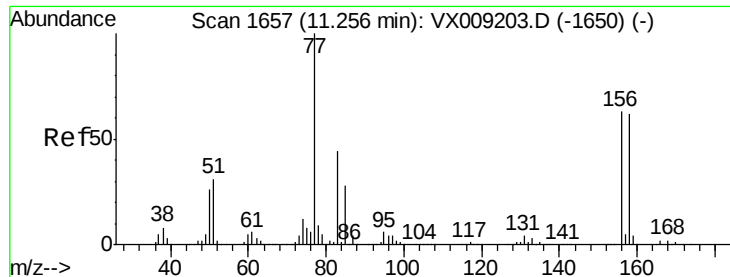
77 31.7 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 95.834 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

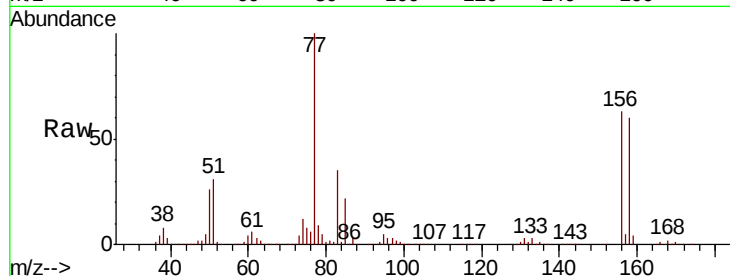
Tgt Ion:156 Resp: 261318

Ion Ratio Lower Upper

156 100

77 167.8 84.8 254.3

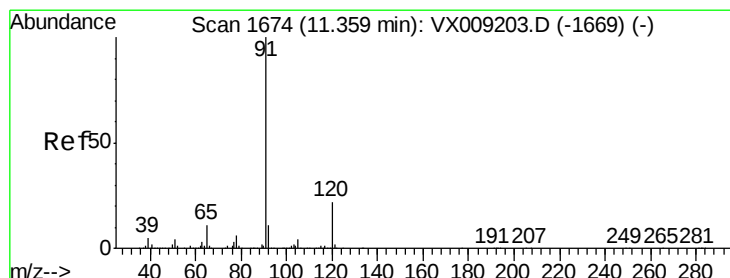
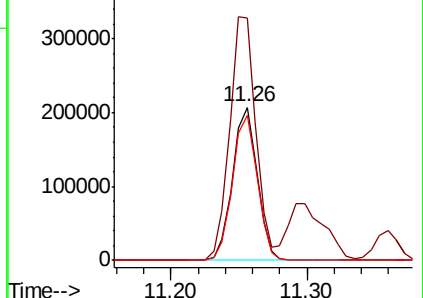
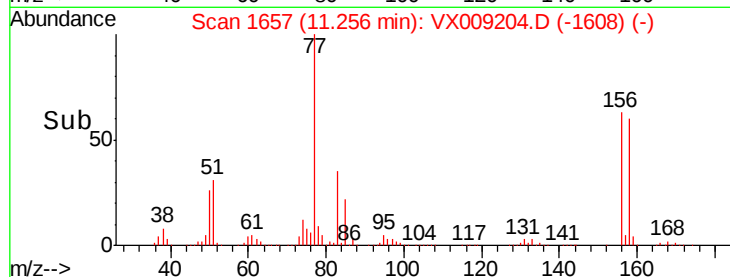
158 95.6 49.1 147.3



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: 97.950 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009204.D

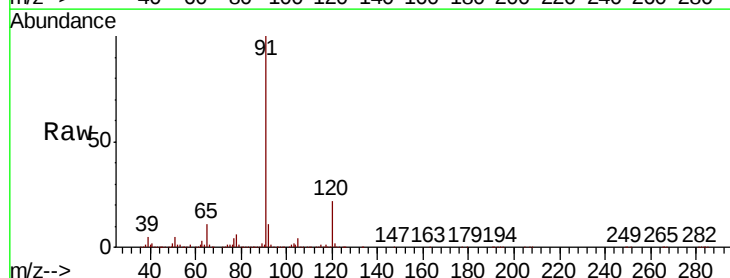
Acq: 29 Apr 2019 13:20

Tgt Ion: 91 Resp: 1212104

Ion Ratio Lower Upper

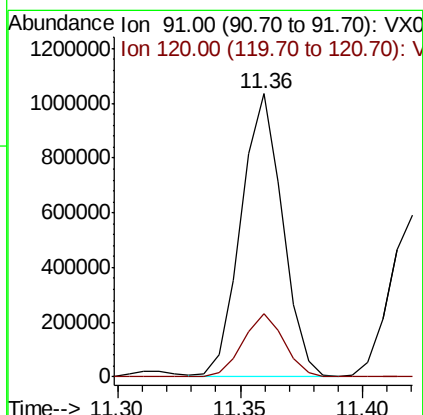
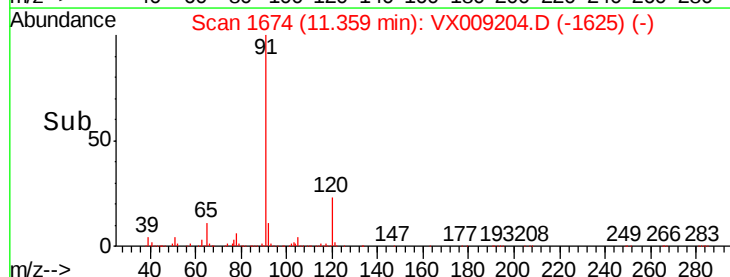
91 100

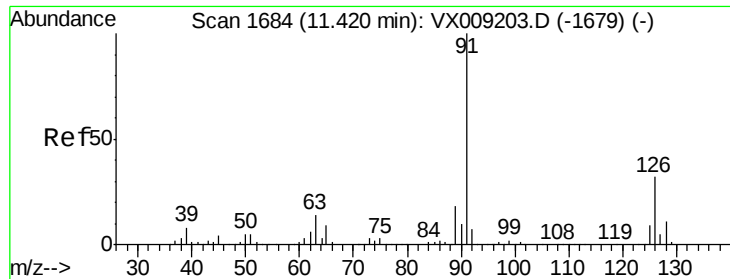
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 95.772 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

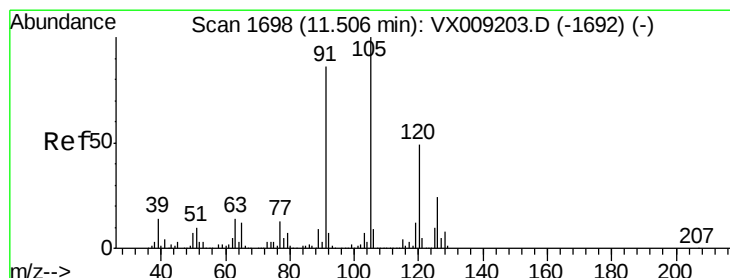
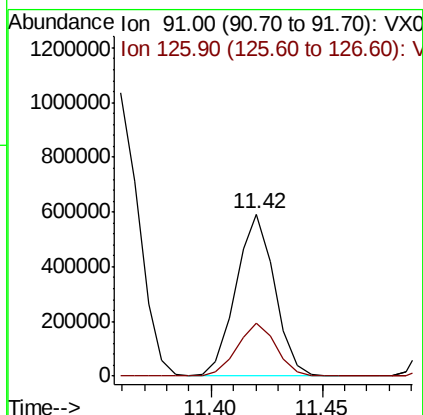
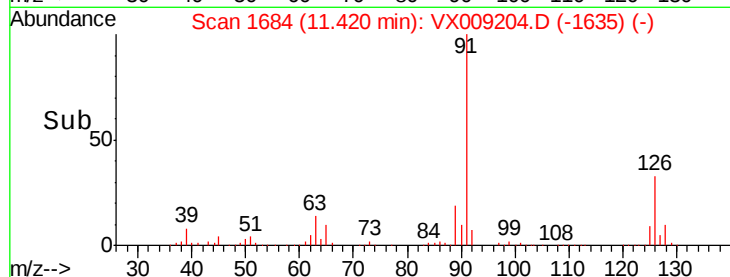
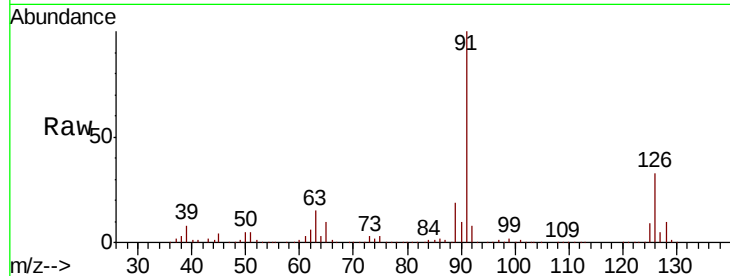
VSTDIC100

Tgt Ion: 91 Resp: 716030

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 96.687 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009204.D

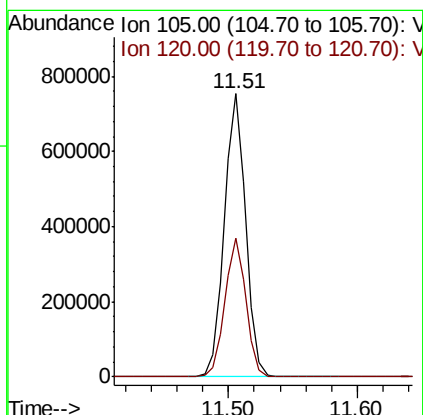
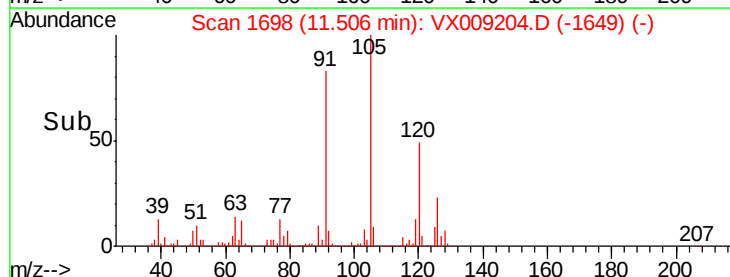
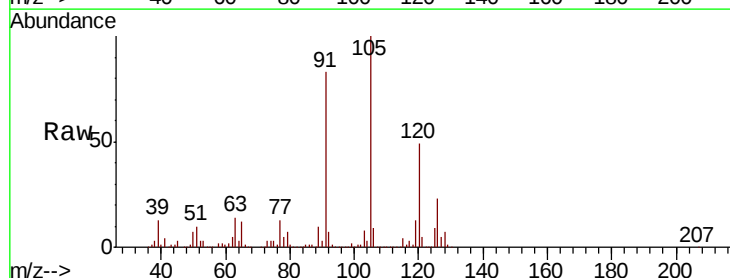
Acq: 29 Apr 2019 13:20

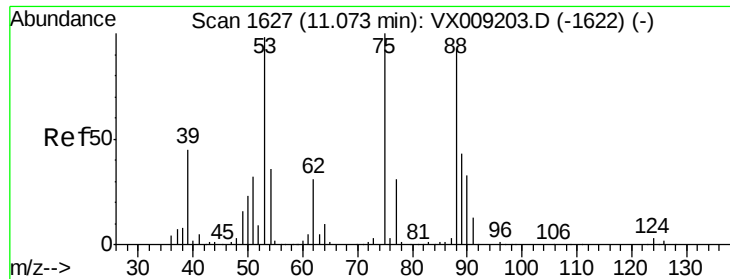
Tgt Ion: 105 Resp: 877153

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 105.095 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

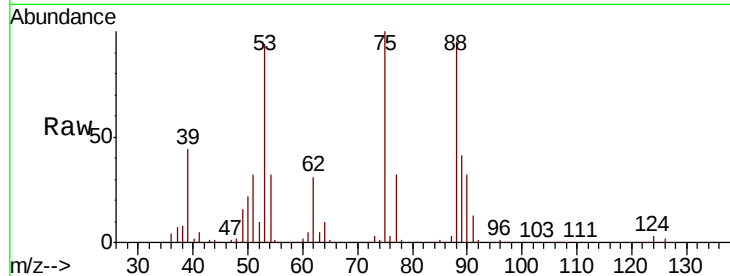
Tgt Ion: 75 Resp: 141440

Ion Ratio Lower Upper

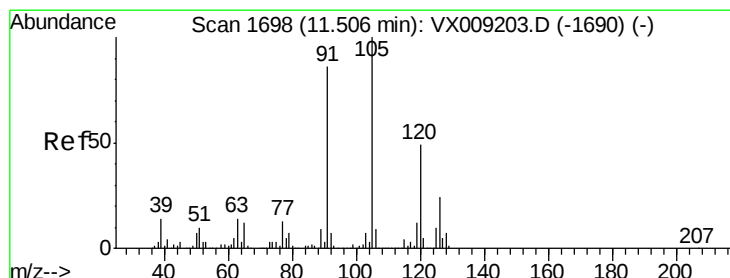
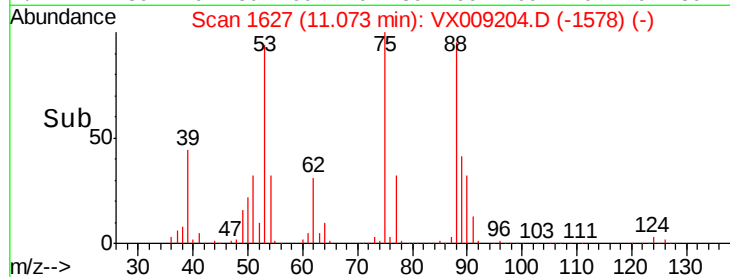
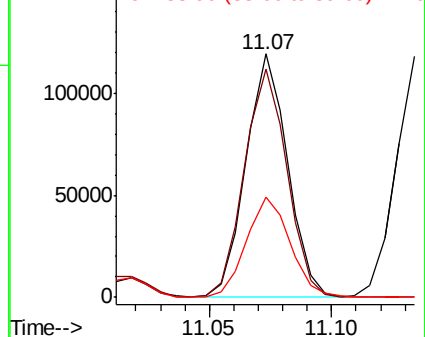
75 100

53 95.4 79.0 118.6

89 43.3 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: 96.244 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009204.D

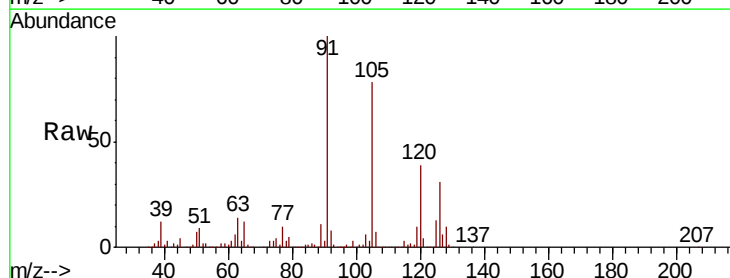
Acq: 29 Apr 2019 13:20

Tgt Ion: 91 Resp: 835013

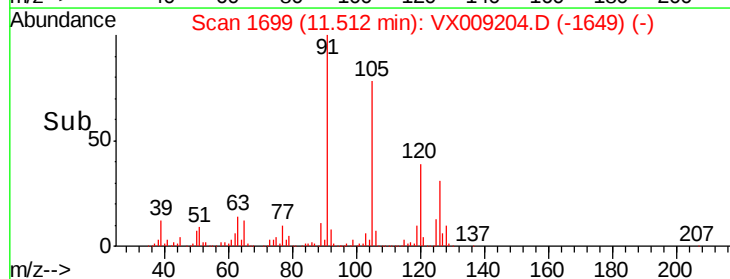
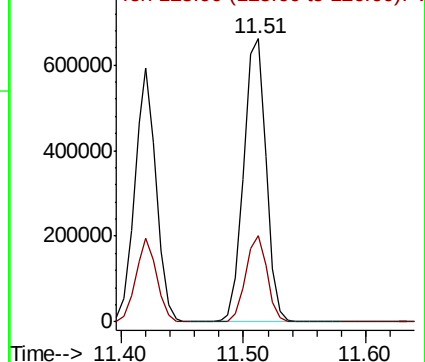
Ion Ratio Lower Upper

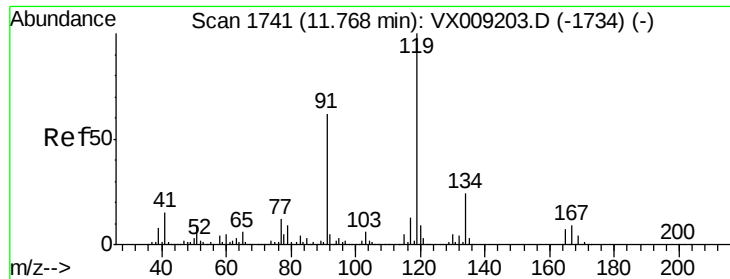
91 100

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

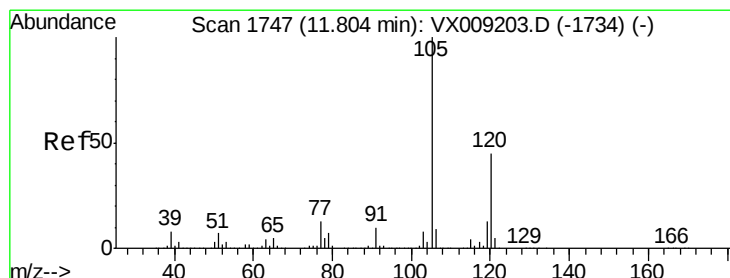
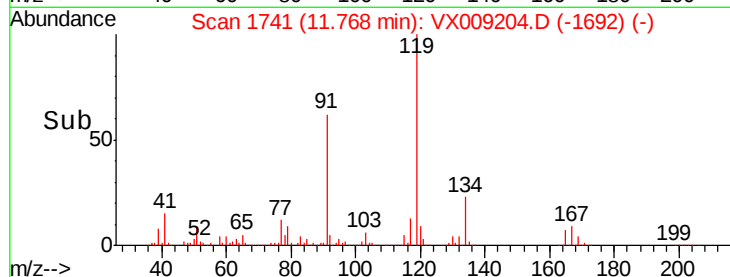
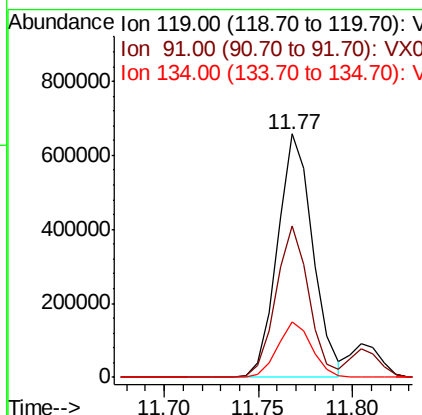
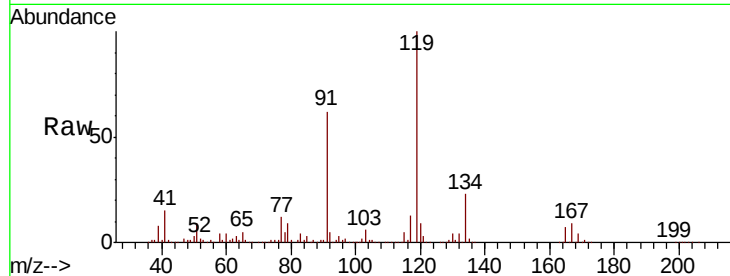




#83
 tert-Butylbenzene
 Concen: 97.557 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

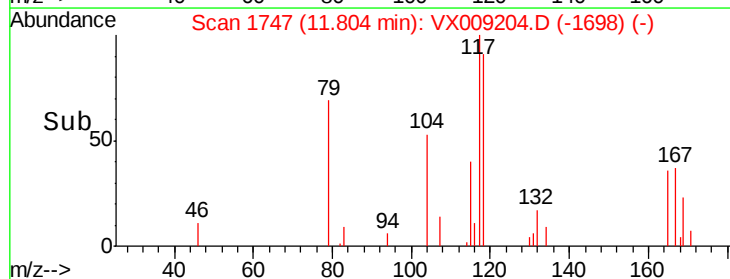
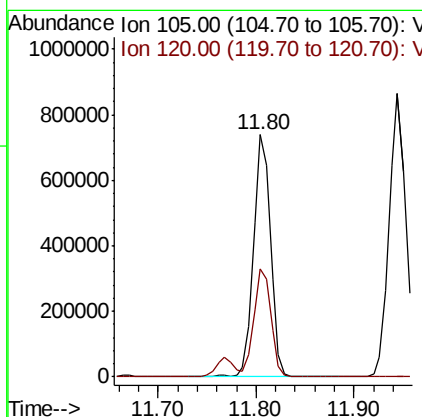
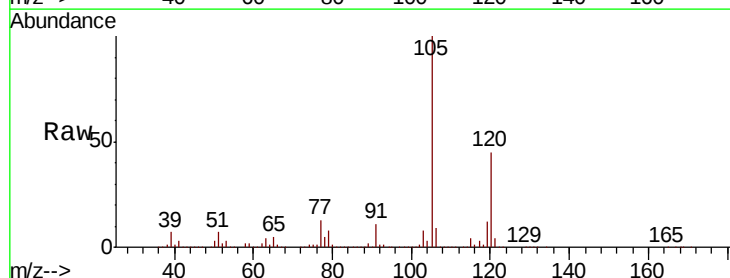
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

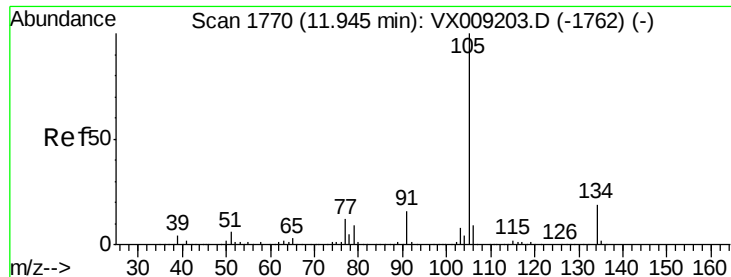
Tgt Ion:119 Resp: 852411
 Ion Ratio Lower Upper
 119 100
 91 58.4 29.5 88.5
 134 22.1 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 96.634 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

Tgt Ion:105 Resp: 893036
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 98.094 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

Instrument :

MSVOA_X

ClientSampleId :

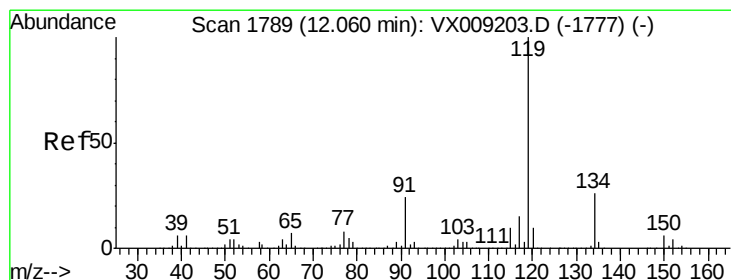
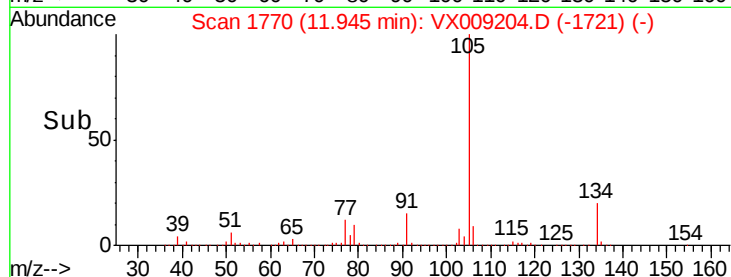
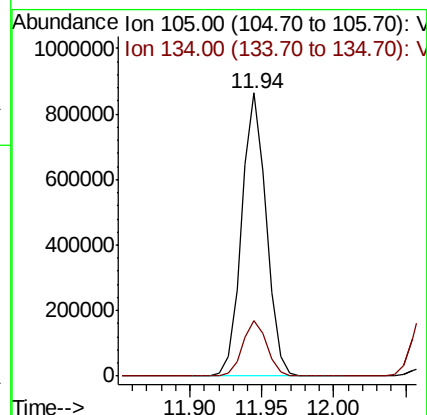
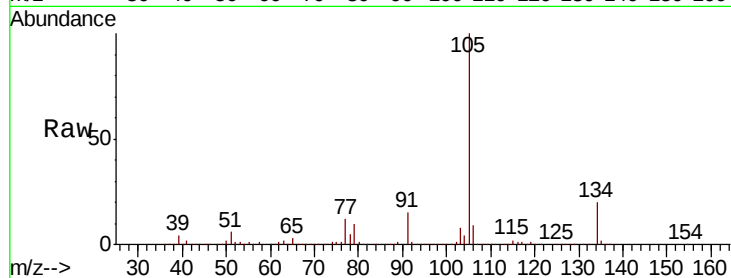
VSTDICC100

Tgt Ion:105 Resp: 1020026

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 97.723 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009204.D

Acq: 29 Apr 2019 13:20

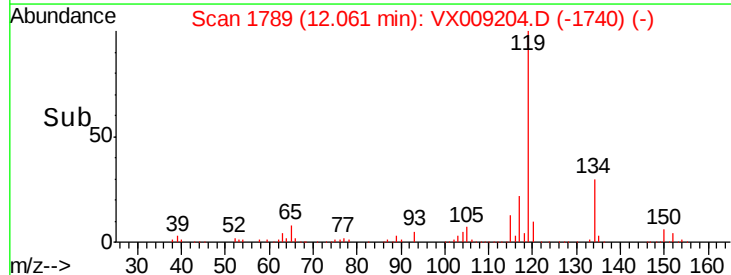
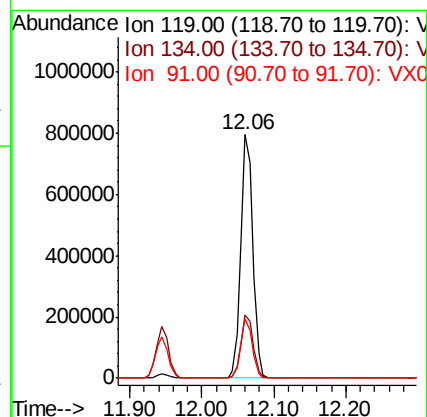
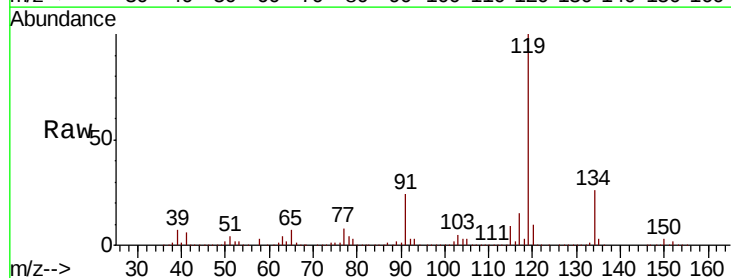
Tgt Ion:119 Resp: 933575

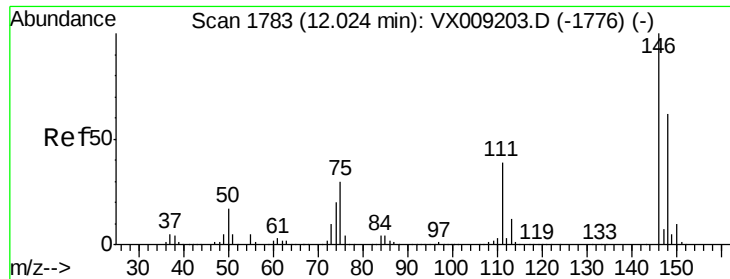
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 23.7 11.8 35.4

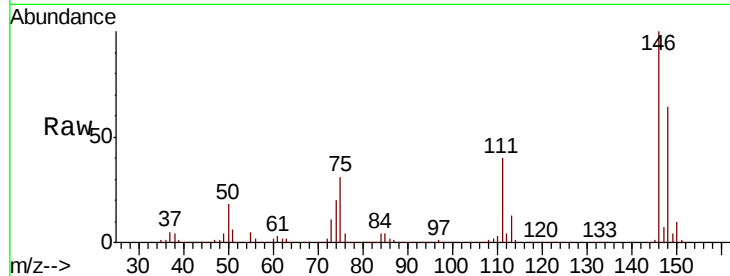




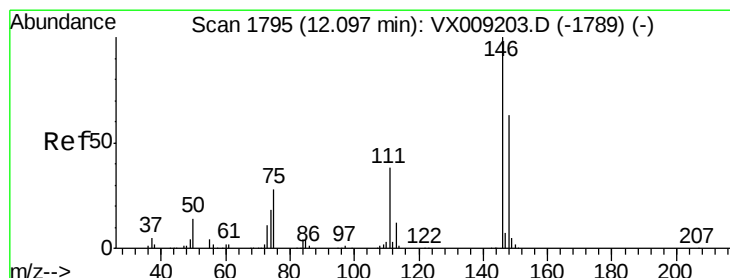
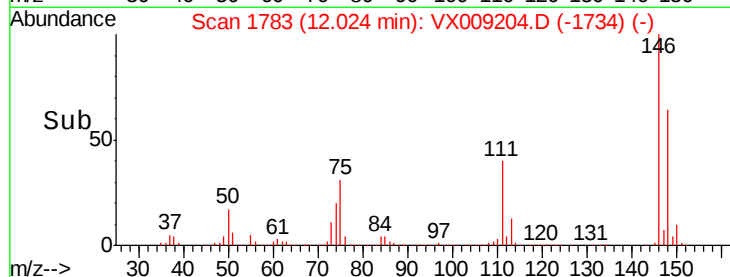
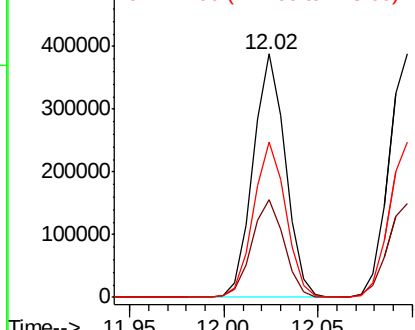
#87
 1,3-Dichlorobenzene
 Concen: 96.238 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:146 Resp: 461131
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 59.9
 148 63.8 31.8 95.3

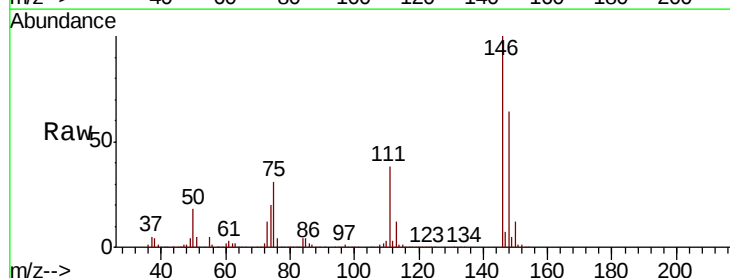


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

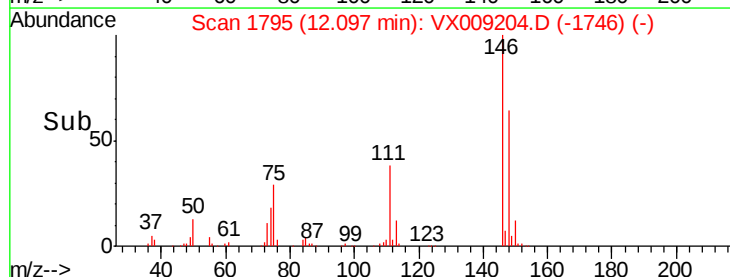
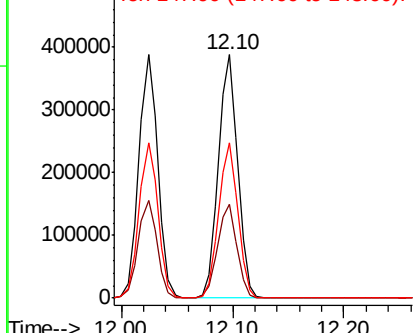


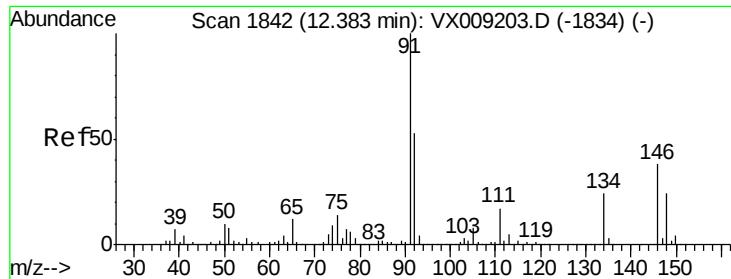
#88
 1,4-Dichlorobenzene
 Concen: 95.652 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

Tgt Ion:146 Resp: 464857
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.8
 148 63.7 31.8 95.3



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

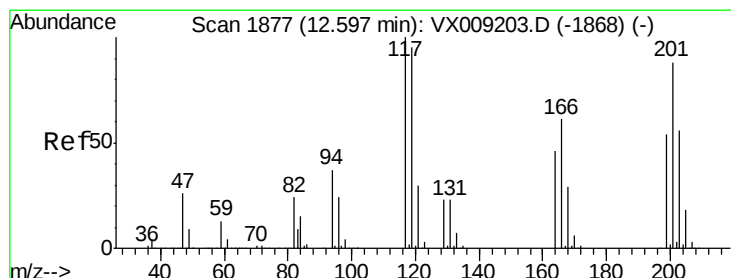
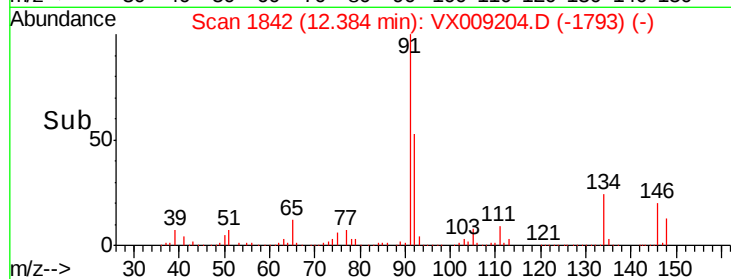
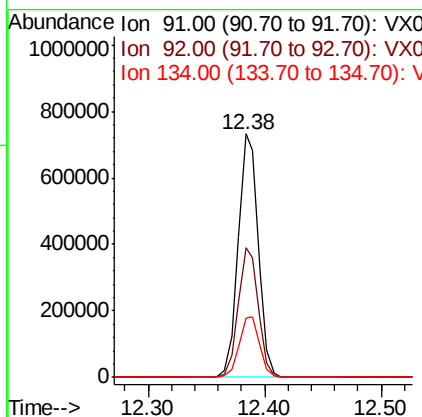
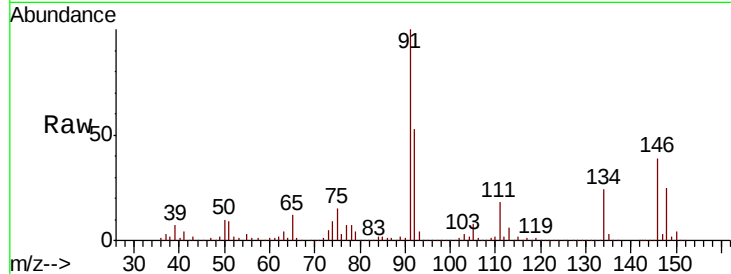




#89
n-Butylbenzene
Concen: 99.044 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

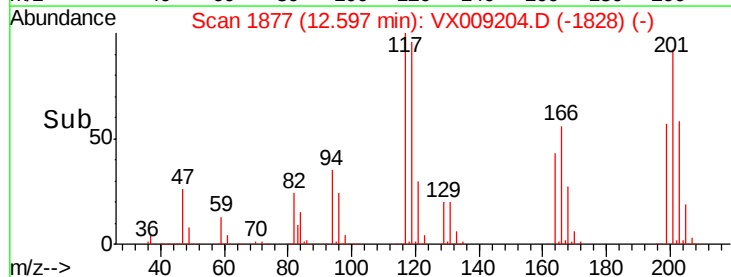
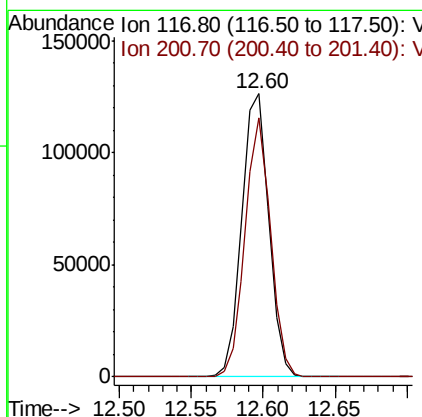
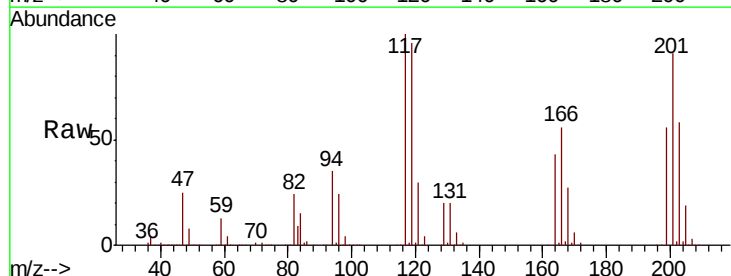
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

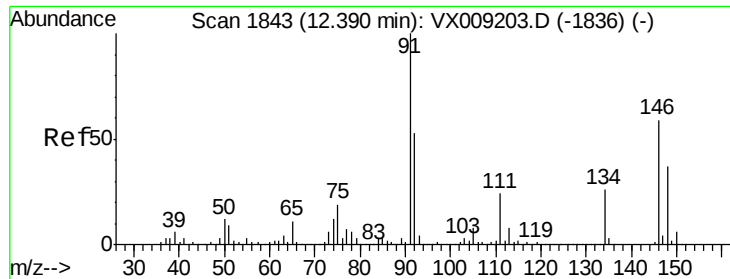
Tgt Ion: 91 Resp: 876078
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 25.1 12.4 37.2



#90
Hexachloroethane
Concen: 104.100 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Tgt Ion: 117 Resp: 164229
Ion Ratio Lower Upper
117 100
201 86.1 42.3 126.9

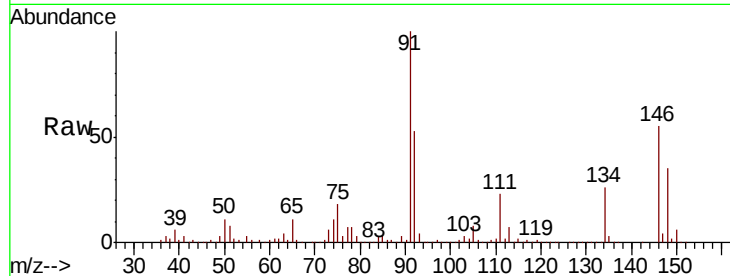




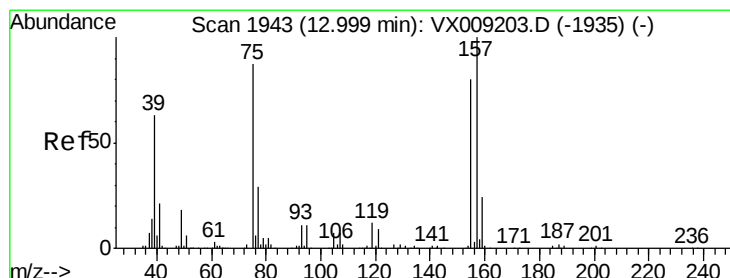
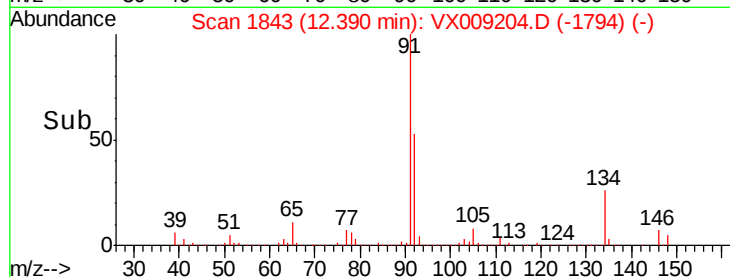
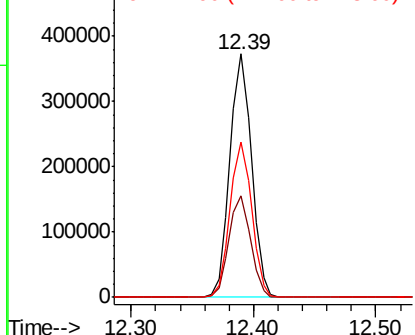
#91
 1,2-Dichlorobenzene
 Concen: 95.634 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 146 Resp: 454782
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.8 62.4
 148 64.0 31.9 95.9

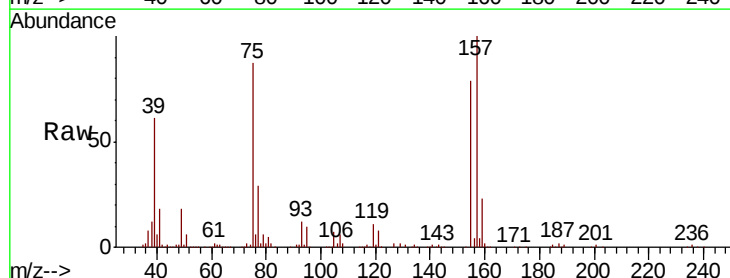


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

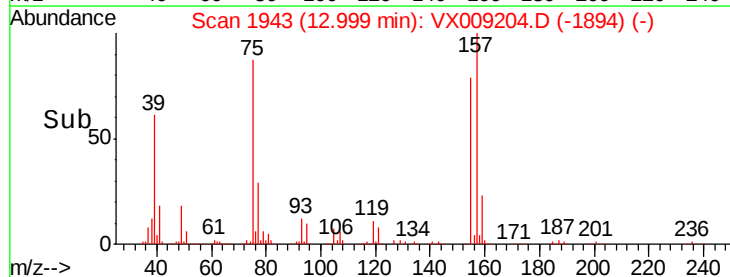
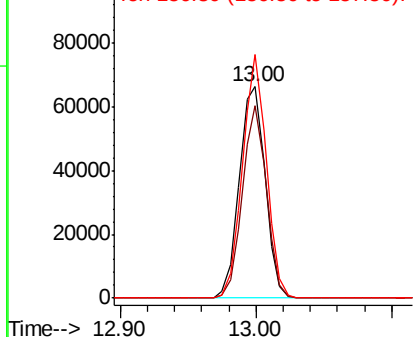


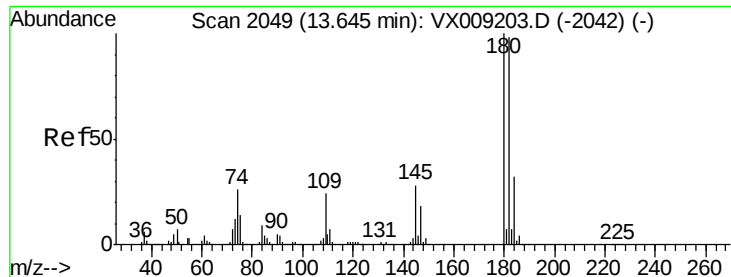
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 96.659 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

Tgt Ion: 75 Resp: 87799
 Ion Ratio Lower Upper
 75 100
 155 84.7 42.0 126.0
 157 106.2 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

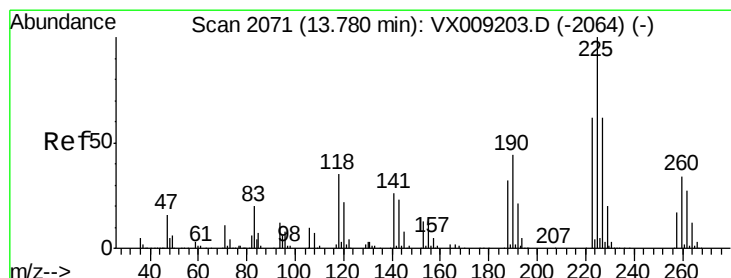
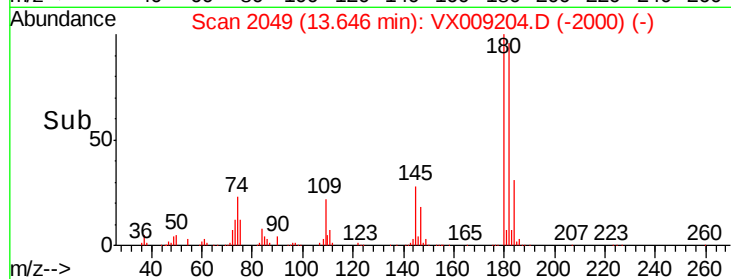
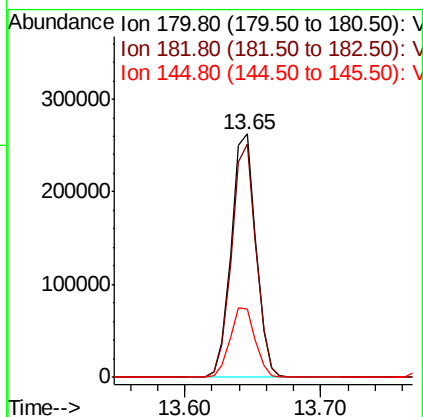
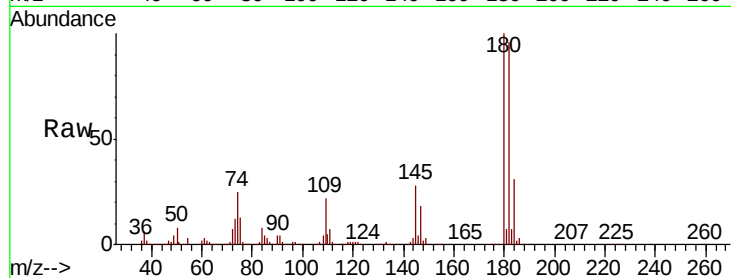




#93
 1,2,4-Trichlorobenzene
 Concen: 96.847 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

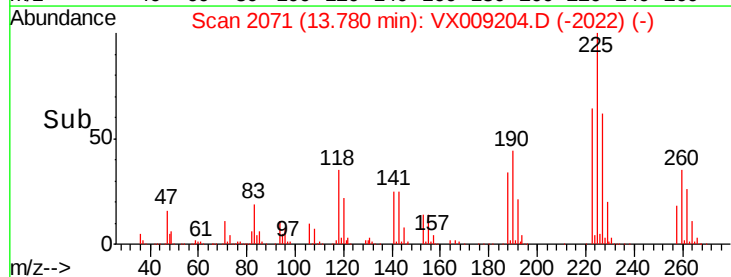
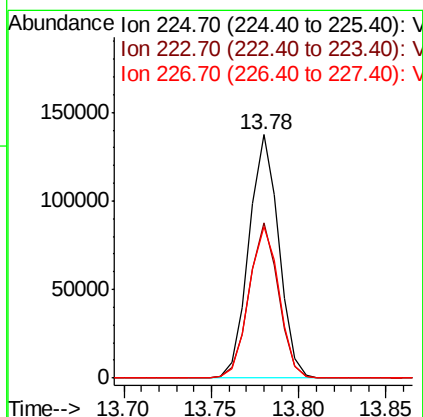
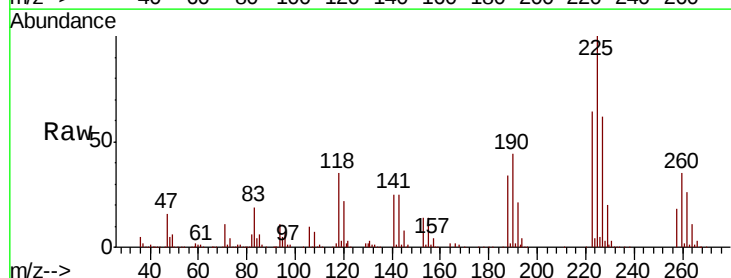
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

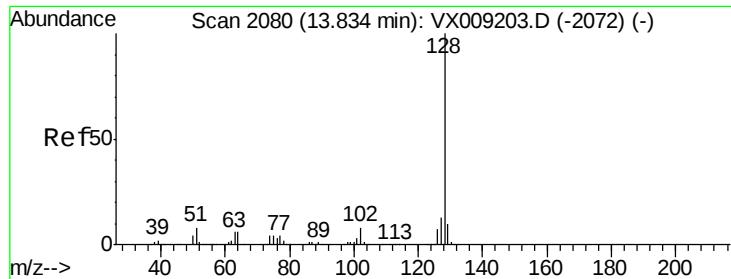
Tgt Ion:180 Resp: 330678
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.4 145.2
 145 29.3 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 95.902 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009204.D
 Acq: 29 Apr 2019 13:20

Tgt Ion:225 Resp: 163401
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.3 93.8
 227 63.1 31.8 95.3

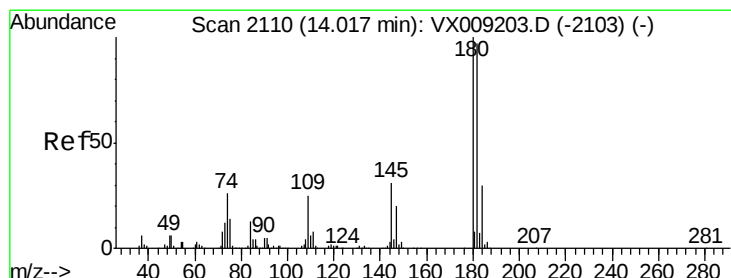
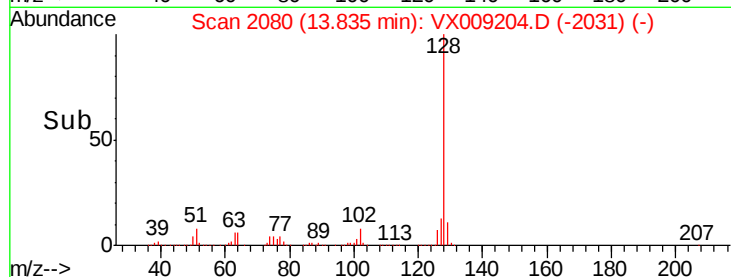
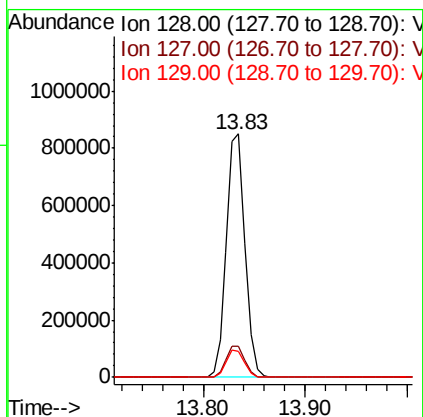
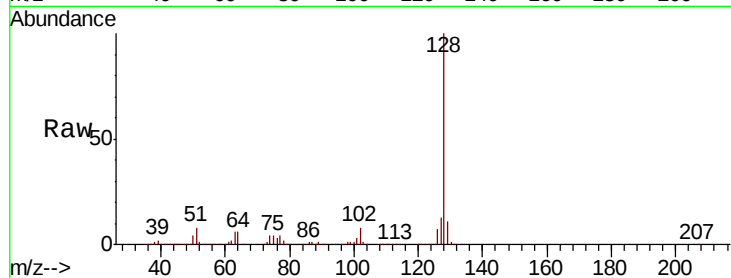




#95
Naphthalene
Concen: 97.184 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1066920
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 96.176 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009204.D
Acq: 29 Apr 2019 13:20

Tgt Ion:180 Resp: 325486
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.4
145 31.0 15.4 46.4

