

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021819\
 Data File : VX007584.D
 Acq On : 18 Feb 2019 13:18
 Operator : JC/SP
 Sample : VX0218WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Quant Time: Feb 19 04:10:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	434875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	651557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	574471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	291454	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	232972	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
35) Dibromofluoromethane	5.51	113	210852	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	744451	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.13	95	261680	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	87368	16.469	ug/l	95
3) Chloromethane	1.33	50	79913	16.315	ug/l	98
4) Vinyl Chloride	1.41	62	86402	17.980	ug/l	98
5) Bromomethane	1.64	94	81167	16.757	ug/l	98
6) Chloroethane	1.73	64	56264	18.100	ug/l	98
7) Trichlorofluoromethane	1.93	101	142131	18.907	ug/l	98
8) Diethyl Ether	2.19	74	52817	18.668	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	77759	17.390	ug/l	99
10) Methyl Iodide	2.51	142	92286	14.030	ug/l	97
11) Tert butyl alcohol	3.07	59	99458	104.117	ug/l	97
12) 1,1-Dichloroethene	2.38	96	70981	17.095	ug/l	96
13) Acrolein	2.30	56	34354	76.693	ug/l	99
14) Allyl chloride	2.73	41	122537	18.112	ug/l	98
15) Acrylonitrile	3.15	53	226348	95.784	ug/l	99
16) Acetone	2.45	43	199234	94.227	ug/l	98
17) Carbon Disulfide	2.57	76	163657	16.555	ug/l	100
18) Methyl Acetate	2.78	43	125886	23.173	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	246833	18.349	ug/l	96
20) Methylene Chloride	2.86	84	82124	18.770	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	75579	17.087	ug/l	98
22) Diisopropyl ether	3.87	45	246979	19.846	ug/l	99
23) Vinyl Acetate	3.82	43	1017250	98.506	ug/l	98
24) 1,1-Dichloroethane	3.70	63	140239	19.623	ug/l	98
25) 2-Butanone	4.70	43	314471	104.509	ug/l	99
26) 2,2-Dichloropropane	4.59	77	99925	18.360	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	90215	18.674	ug/l	99
28) Bromochloromethane	5.02	49	67842	20.643	ug/l	100
29) Tetrahydrofuran	5.15	42	203349	107.451	ug/l	99
30) Chloroform	5.21	83	147530	19.783	ug/l	97
31) Cyclohexane	5.58	56	111663	17.397	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	126311	20.066	ug/l	98
36) 1,1-Dichloropropene	5.80	75	100072	17.118	ug/l	99
37) Ethyl Acetate	4.86	43	114931	19.448	ug/l	97
38) Carbon Tetrachloride	5.78	117	109817	19.363	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116731	16.504	ug/l	91
40) Benzene	6.15	78	317889	18.460	ug/l	98
41) Methacrylonitrile	5.05	41	64970	20.513	ug/l	98
42) 1,2-Dichloroethane	6.20	62	112090	18.813	ug/l	98
43) Isopropyl Acetate	6.46	43	180430	19.781	ug/l	99
44) Trichloroethene	7.21	130	91718	17.684	ug/l	99
45) 1,2-Dichloropropane	7.52	63	81678	18.930	ug/l	98
46) Dibromomethane	7.66	93	58533	18.665	ug/l	97
47) Bromodichloromethane	7.90	83	103200	19.418	ug/l	99
48) Methyl methacrylate	7.77	41	91527	20.060	ug/l	100
49) 1,4-Dioxane	7.75	88	42508	413.732	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	607870	101.231	ug/l	100
52) Toluene	8.79	92	198584	17.873	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	106547	18.664	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	122683	19.542	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	88246	19.054	ug/l	98
56) Ethyl methacrylate	9.18	69	121094	18.878	ug/l	98
57) 1,3-Dichloropropane	9.37	76	139202	18.900	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	325893	96.391	ug/l	99
59) 2-Hexanone	9.49	43	470170	100.620	ug/l	98
60) Dibromochloromethane	9.58	129	87328	19.937	ug/l	97
61) 1,2-Dibromoethane	9.67	107	93458	19.055	ug/l	99
64) Tetrachloroethene	9.34	164	89620	16.552	ug/l	99
65) Chlorobenzene	10.14	112	232073	18.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	85715	20.394	ug/l	99
67) Ethyl Benzene	10.25	91	373960	18.524	ug/l	99
68) m/p-Xylenes	10.36	106	291019	36.264	ug/l	100
69) o-Xylene	10.70	106	142973	18.515	ug/l	99
70) Styrene	10.71	104	230849	18.434	ug/l	99
71) Bromoform	10.85	173	64892	20.214	ug/l #	99
73) Isopropylbenzene	11.02	105	383727	19.374	ug/l	98
74) N-amyl acetate	10.90	43	153623	20.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	128655	21.314	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	141753	25.004	ug/l	81
77) Bromobenzene	11.26	156	105056	18.826	ug/l	100
78) n-propylbenzene	11.36	91	417133	19.206	ug/l	99
79) 2-Chlorotoluene	11.42	91	250993	19.046	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	311482	19.223	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33096	20.747	ug/l	96
82) 4-Chlorotoluene	11.51	91	289177	18.964	ug/l	99
83) tert-Butylbenzene	11.77	119	311896	19.442	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	318030	19.333	ug/l	98
85) sec-Butylbenzene	11.94	105	374694	19.298	ug/l	100
86) p-Isopropyltoluene	12.06	119	330411	18.851	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182732	18.246	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	184077	18.117	ug/l	100
89) n-Butylbenzene	12.38	91	272210	18.054	ug/l	100
90) Hexachloroethane	12.60	117	53037	20.219	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	186833	18.746	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26531	21.139	ug/l	99

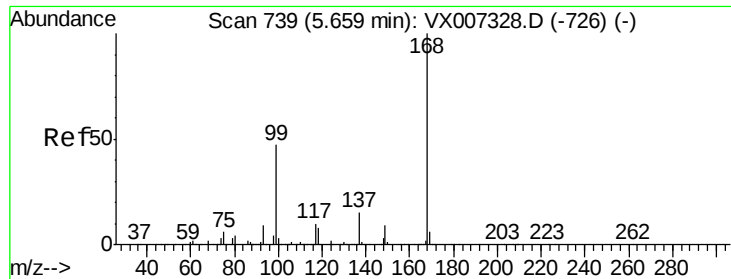
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021819\
Data File : VX007584.D
Acq On : 18 Feb 2019 13:18
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VX0218WBSD01

Quant Time: Feb 19 04:10:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	118846	17.681	ug/l	99
94) Hexachlorobutadiene	13.78	225	58819	18.022	ug/l	100
95) Naphthalene	13.83	128	374341	19.045	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	122322	18.079	ug/l	98

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

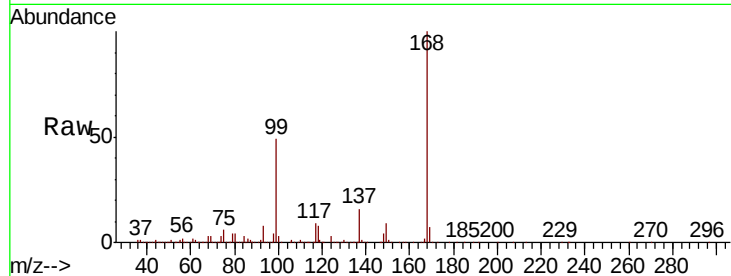


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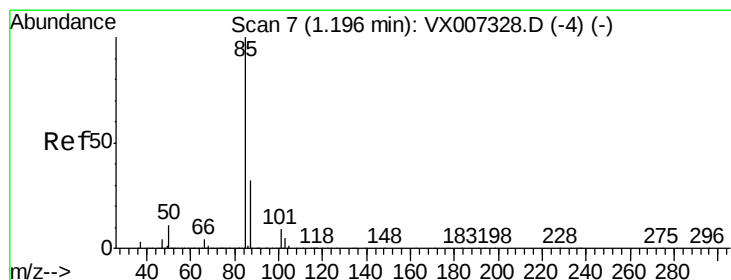
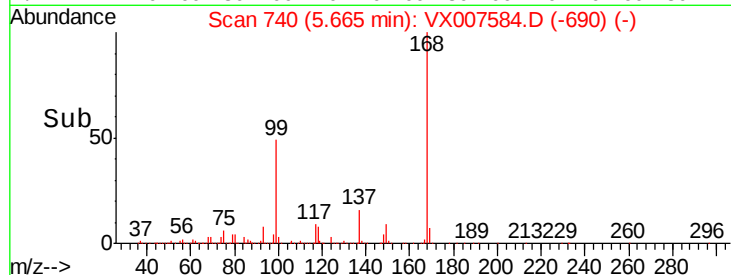
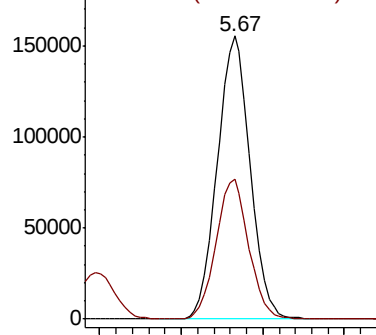
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tgt Ion:168 Resp: 434875
 Ion Ratio Lower Upper
 168 100
 99 49.3 37.9 56.9



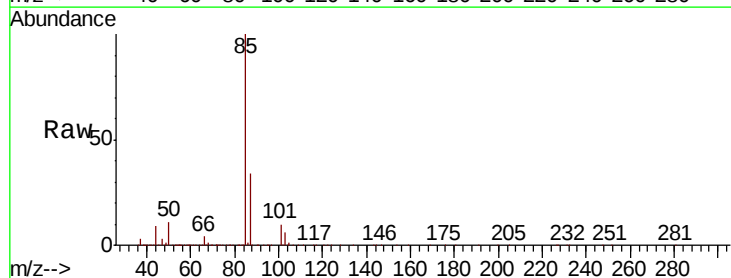
Abundance Ion 167.90 (167.60 to 168.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



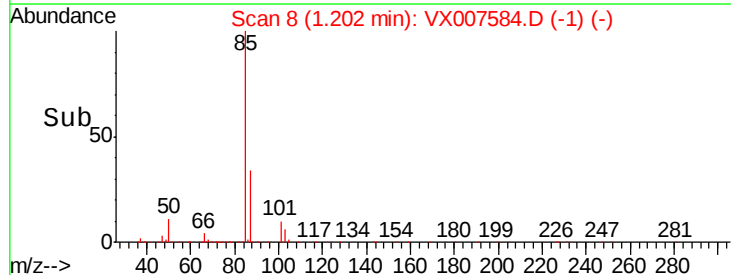
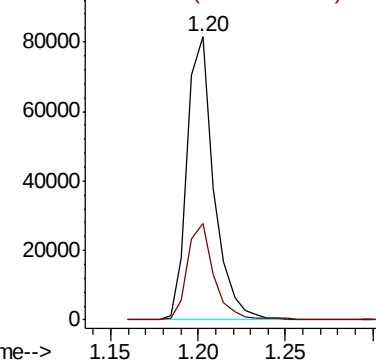
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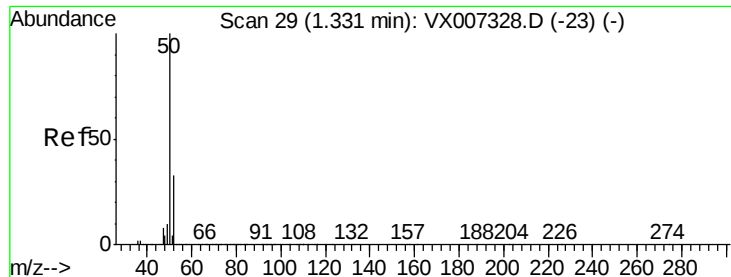
Dichlorodifluoromethane
 Concen: 16.469 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. 0.01 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Tgt Ion: 85 Resp: 87368
 Ion Ratio Lower Upper
 85 100
 87 34.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.315 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

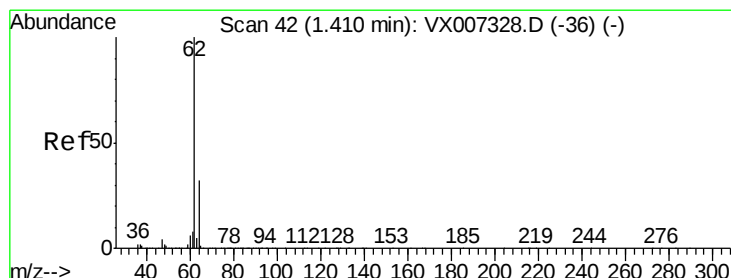
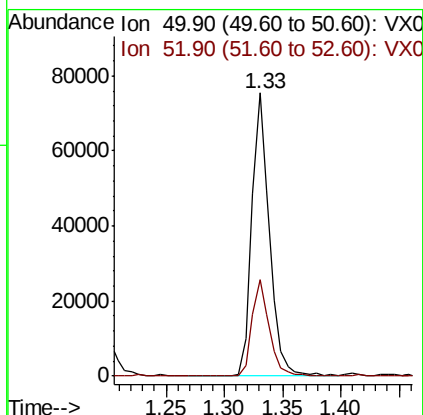
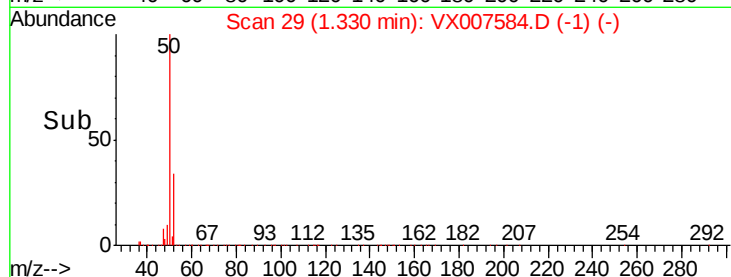
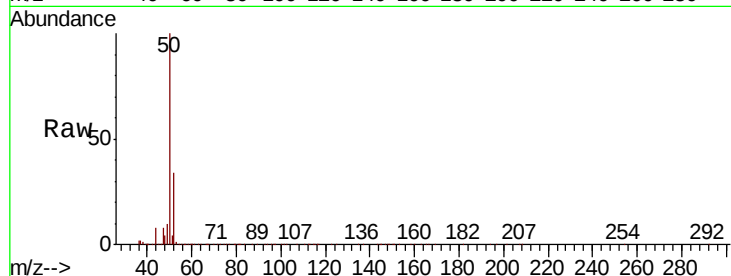
VX0218WBSD01

Tgt Ion: 50 Resp: 79913

Ion Ratio Lower Upper

50 100

52 33.9 26.1 39.1



#4

Vinyl Chloride

Concen: 17.980 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007584.D

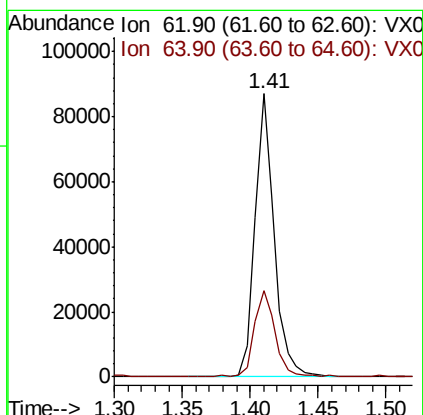
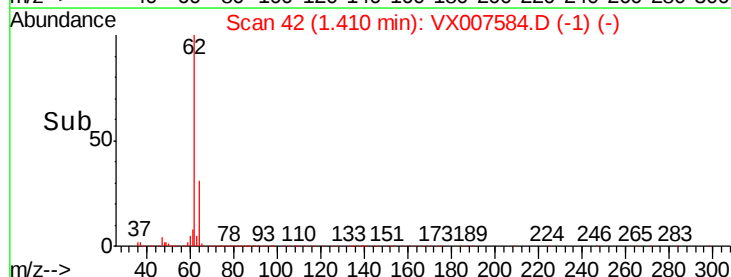
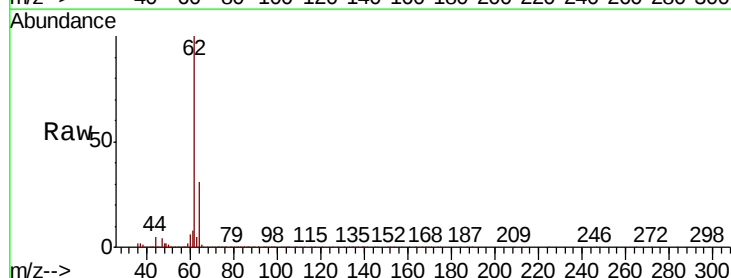
Acq: 18 Feb 2019 13:18

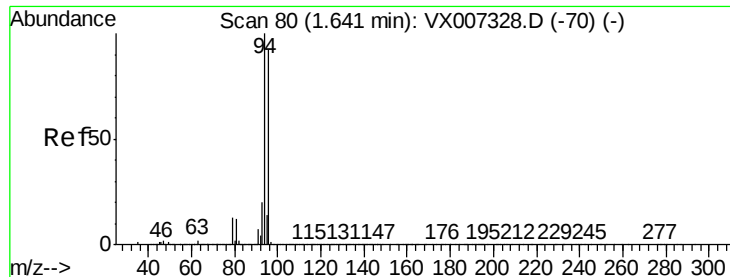
Tgt Ion: 62 Resp: 86402

Ion Ratio Lower Upper

62 100

64 30.4 25.4 38.0





#5

Bromomethane

Concen: 16.757 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

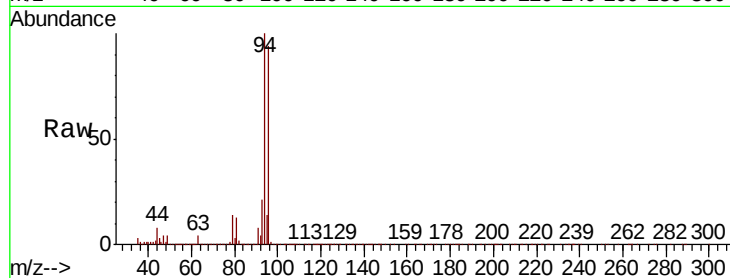
VX0218WBSD01

Tgt Ion: 94 Resp: 81167

Ion Ratio Lower Upper

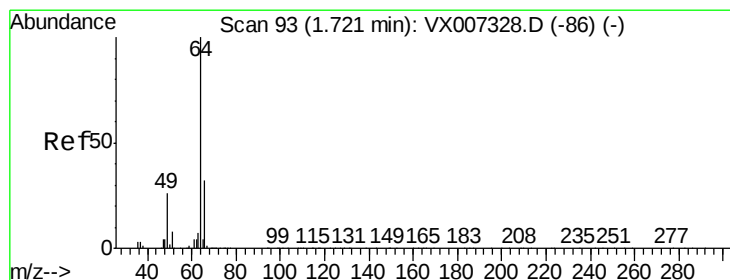
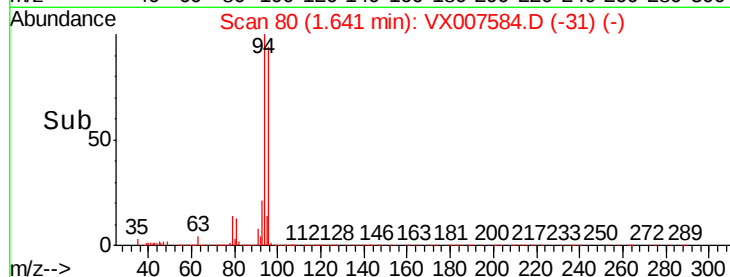
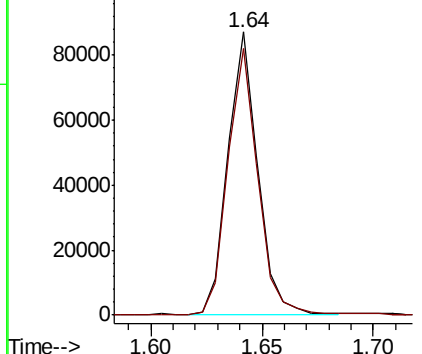
94 100

96 94.2 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.100 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007584.D

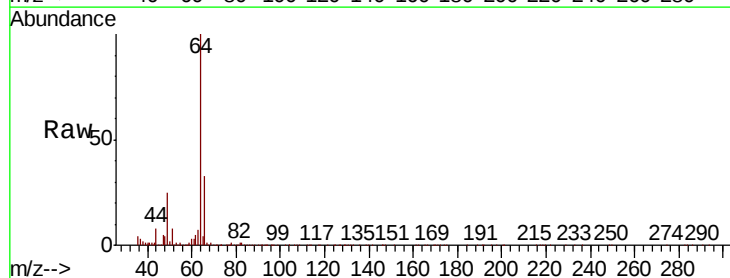
Acq: 18 Feb 2019 13:18

Tgt Ion: 64 Resp: 56264

Ion Ratio Lower Upper

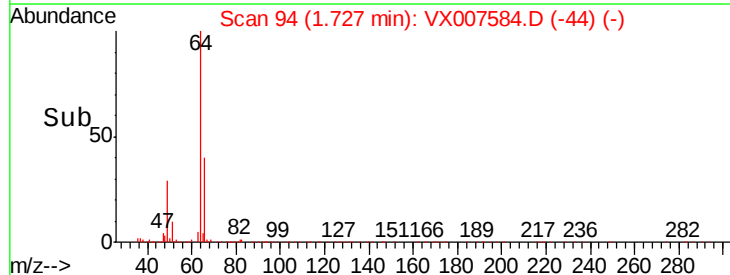
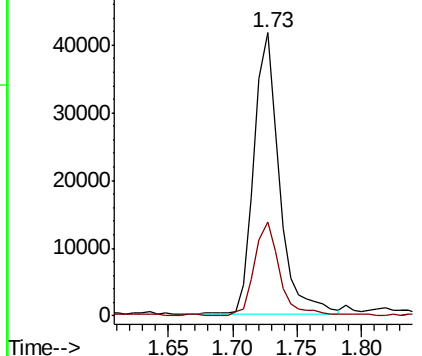
64 100

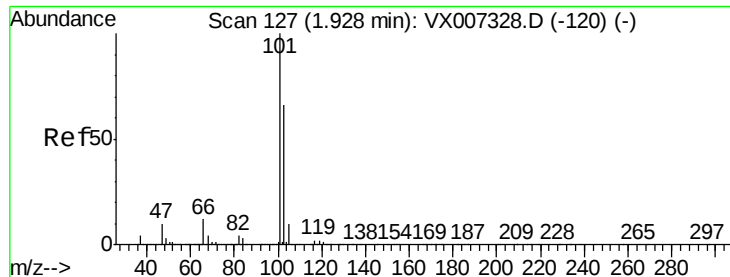
66 33.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



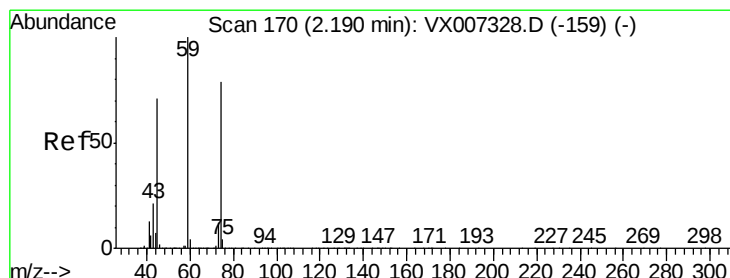
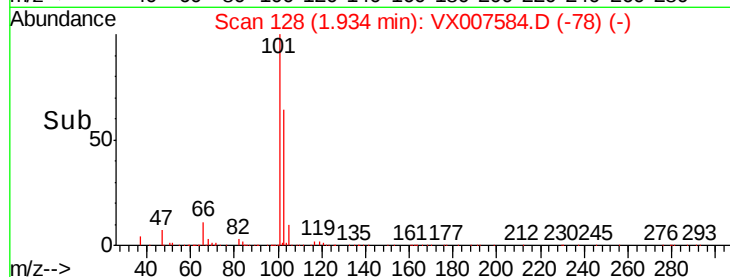
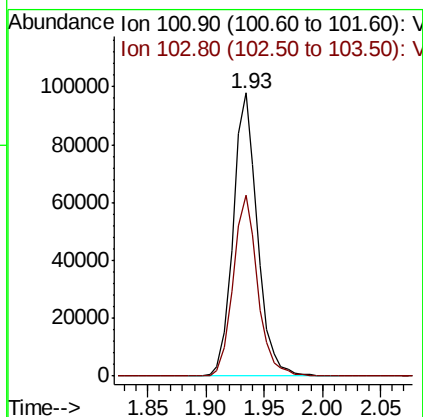
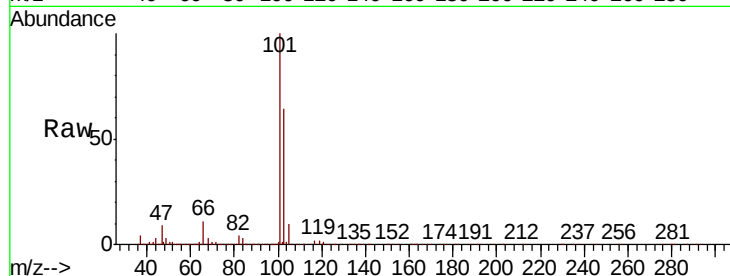


#7

Trichlorofluoromethane
Concen: 18.907 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
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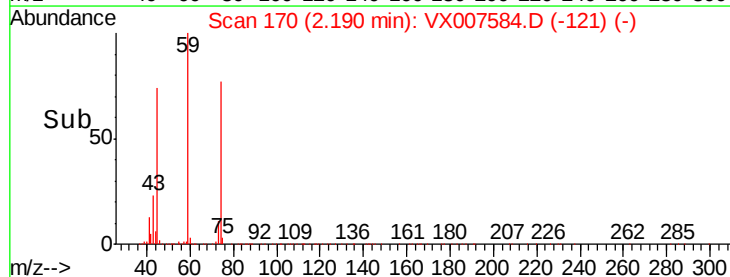
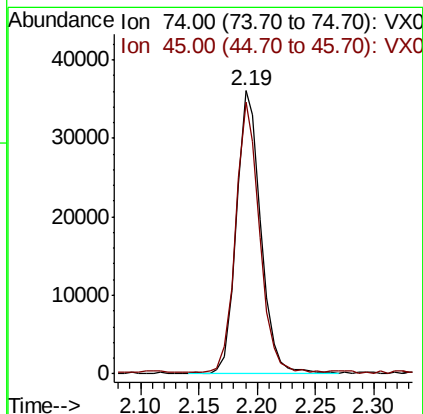
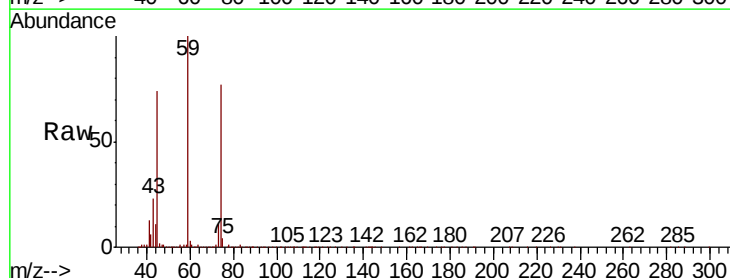
Tgt Ion:101 Resp: 142131
Ion Ratio Lower Upper
101 100
103 64.1 52.6 79.0

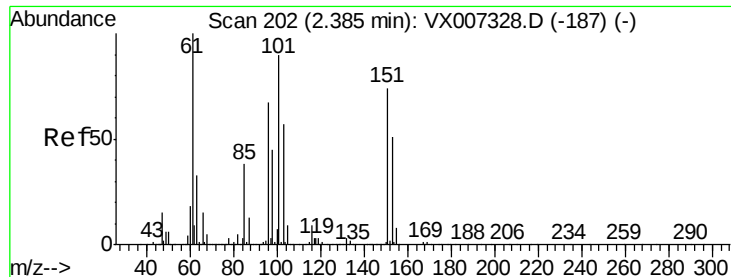


#8

Diethyl Ether
Concen: 18.668 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion: 74 Resp: 52817
Ion Ratio Lower Upper
74 100
45 93.3 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.390 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

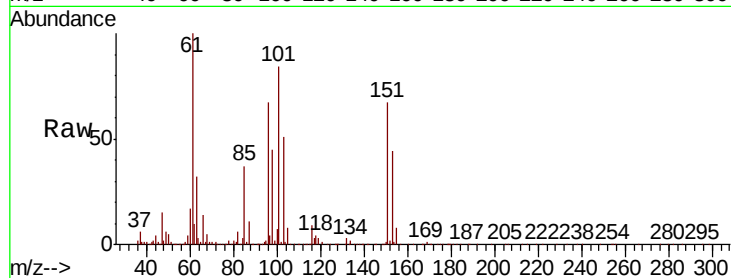
Tgt Ion:101 Resp: 77759

Ion Ratio Lower Upper

101 100

85 43.4 34.1 51.1

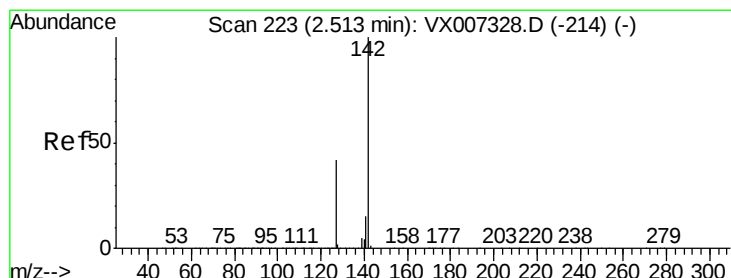
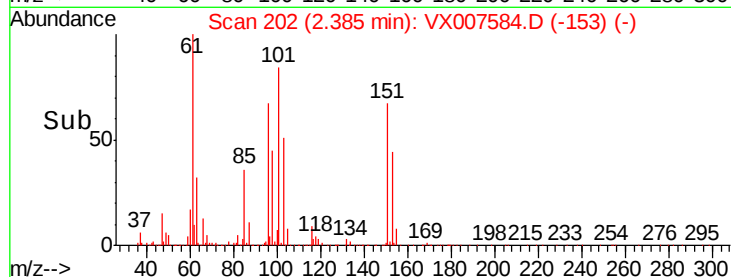
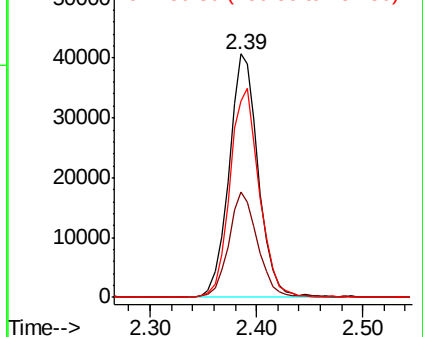
151 86.9 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.030 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

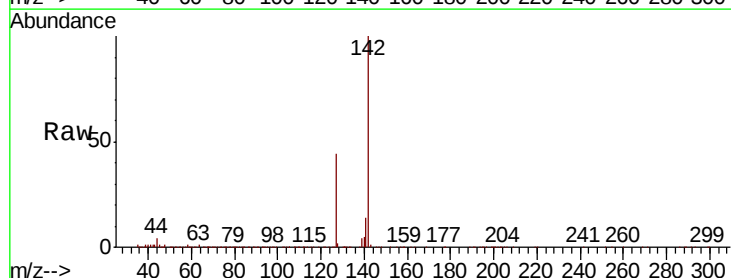
Tgt Ion:142 Resp: 92286

Ion Ratio Lower Upper

142 100

127 44.3 33.7 50.5

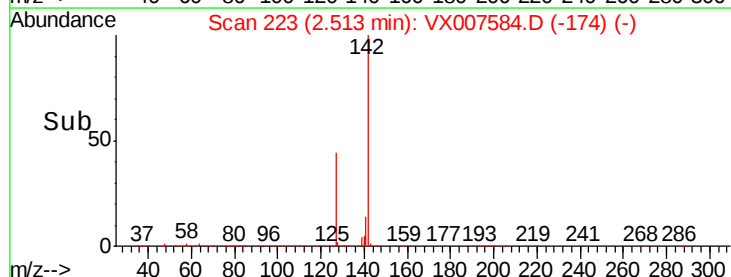
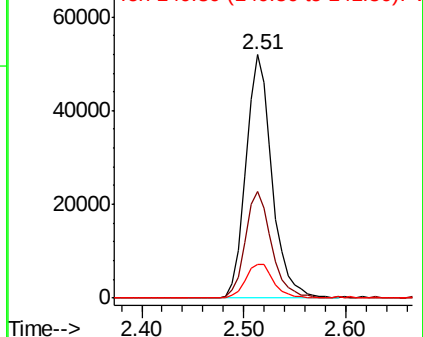
141 15.1 11.3 16.9

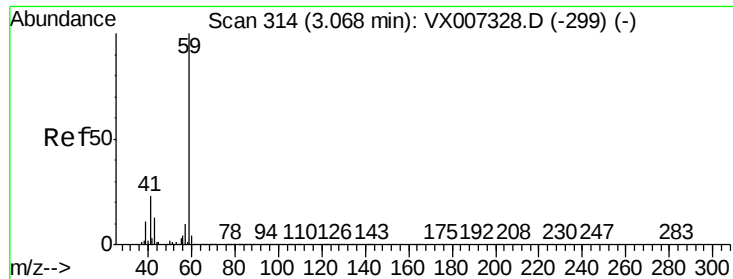


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



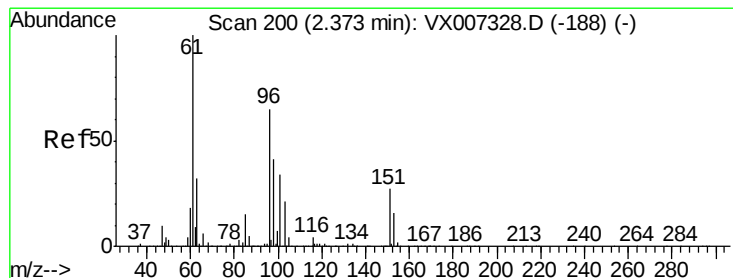
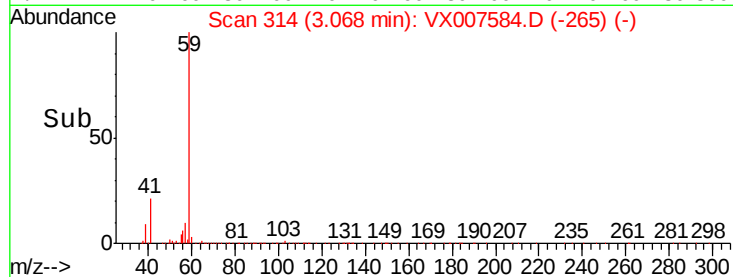
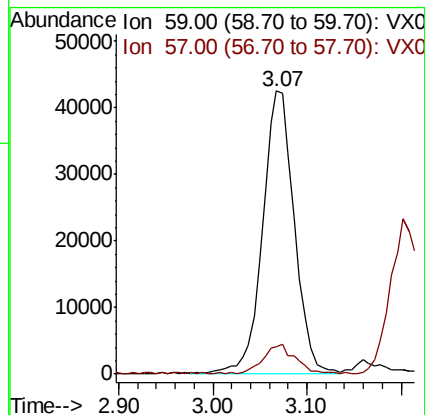
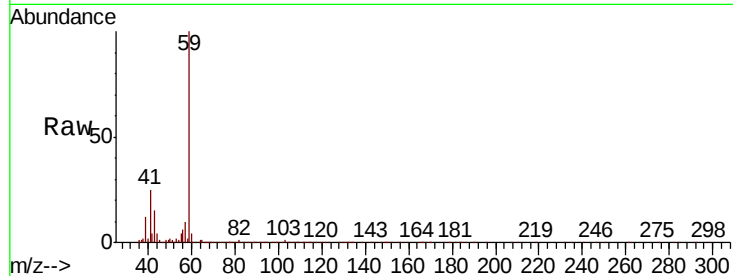


#11

Tert butyl alcohol
 Concen: 104.117 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

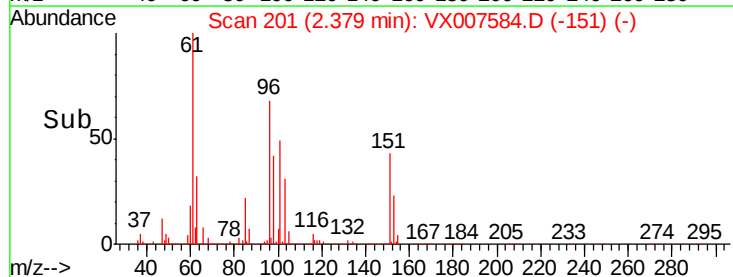
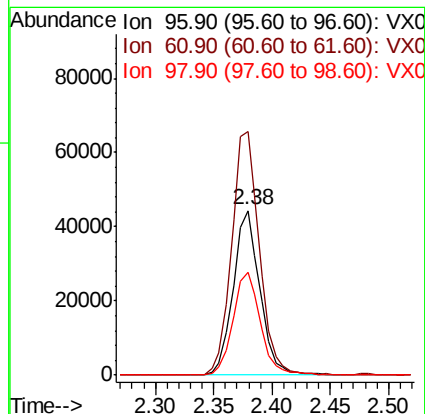
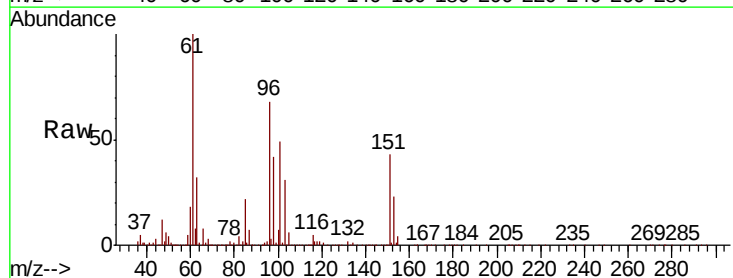
Tgt Ion: 59 Resp: 99458
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.1 12.1

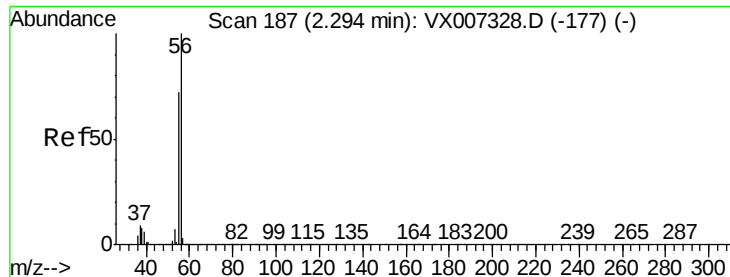


#12

1,1-Dichloroethene
 Concen: 17.095 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Tgt Ion: 96 Resp: 70981
 Ion Ratio Lower Upper
 96 100
 61 147.5 123.0 184.4
 98 61.9 50.9 76.3

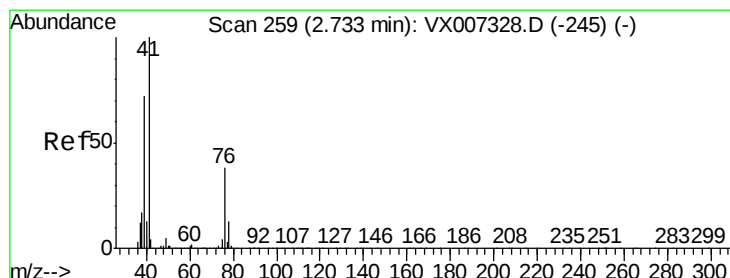
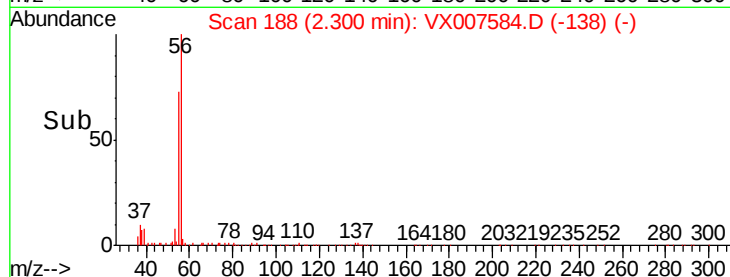
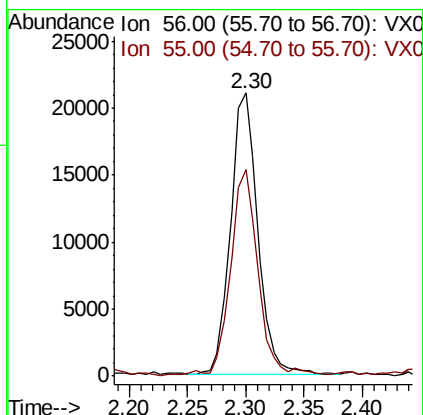
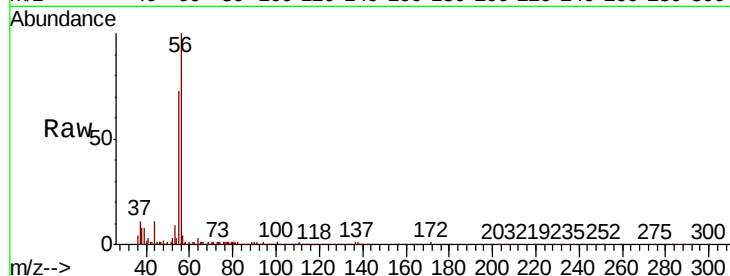




#13
Acrolein
Concen: 76.693 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

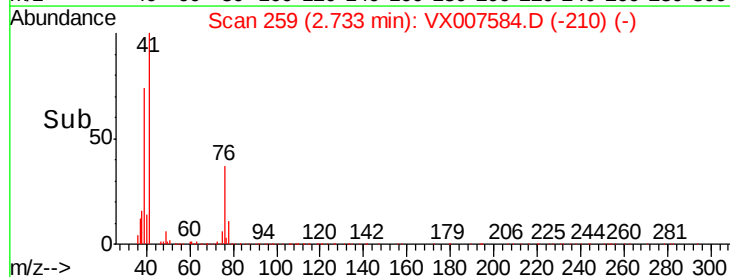
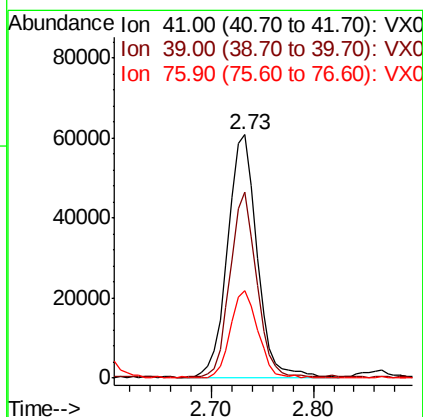
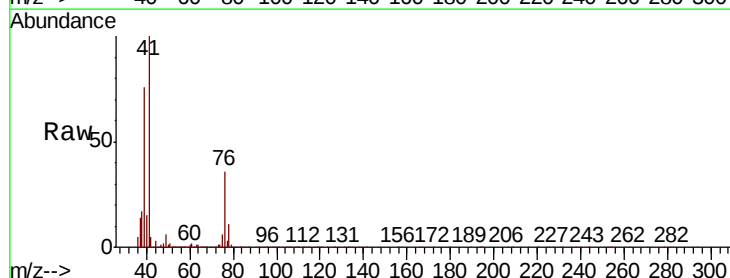
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tgt Ion: 56 Resp: 34354
Ion Ratio Lower Upper
56 100
55 72.0 56.9 85.3



#14
Allyl chloride
Concen: 18.112 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion: 41 Resp: 122537
Ion Ratio Lower Upper
41 100
39 67.9 54.1 81.1
76 32.4 27.8 41.8





#15

Acrylonitrile

Concen: 95.784 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

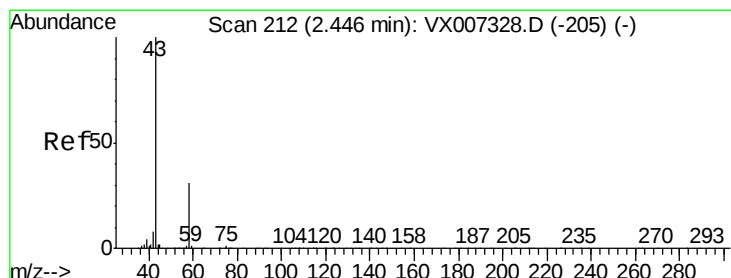
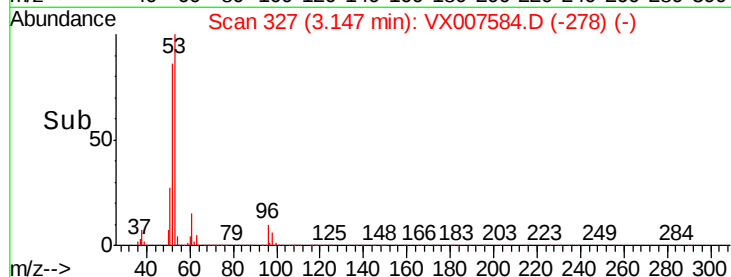
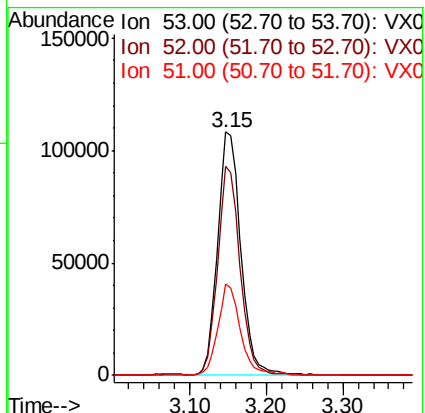
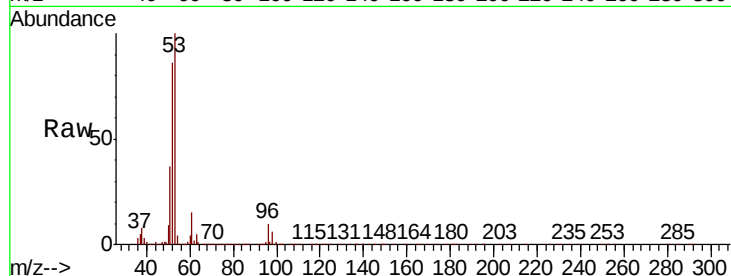
Tgt Ion: 53 Resp: 226348

Ion Ratio Lower Upper

53 100

52 82.7 66.4 99.6

51 37.0 28.4 42.6



#16

Acetone

Concen: 94.227 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007584.D

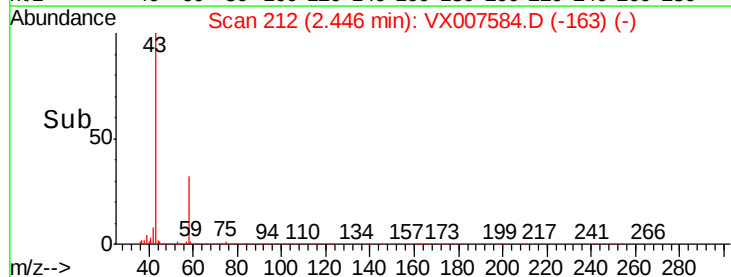
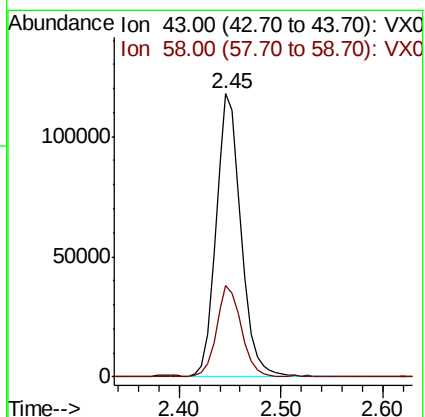
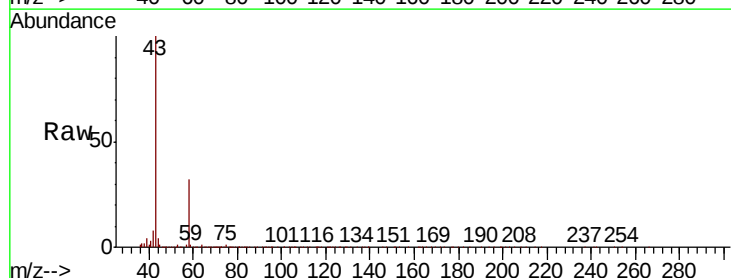
Acq: 18 Feb 2019 13:18

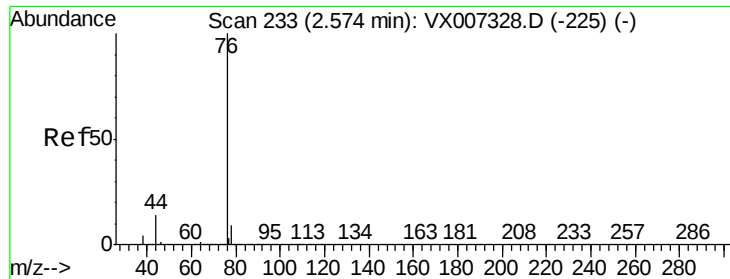
Tgt Ion: 43 Resp: 199234

Ion Ratio Lower Upper

43 100

58 32.4 24.9 37.3





#17

Carbon Disulfide

Concen: 16.555 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

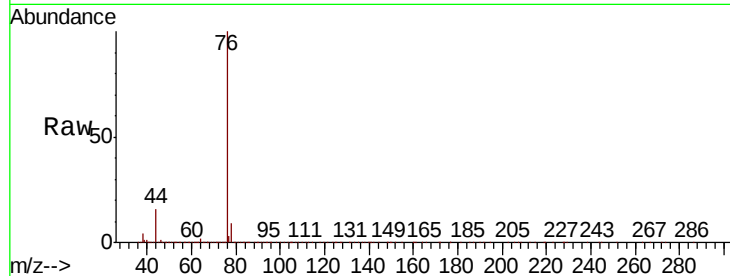
VX0218WBSD01

Tgt Ion: 76 Resp: 163657

Ion Ratio Lower Upper

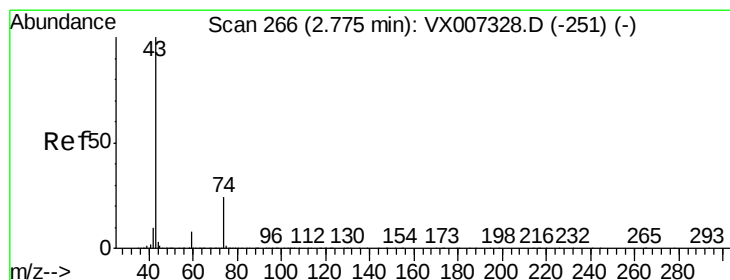
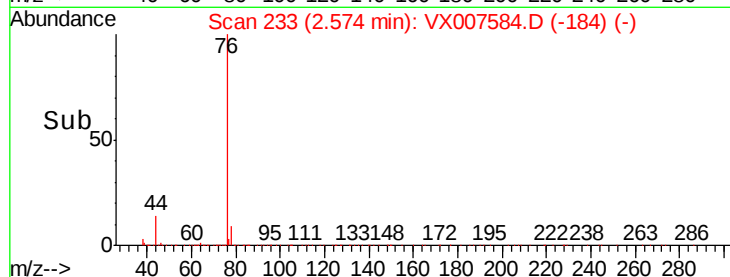
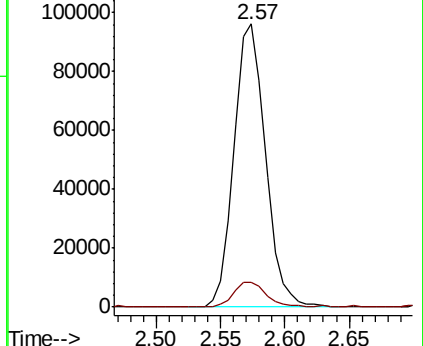
76 100

78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.173 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007584.D

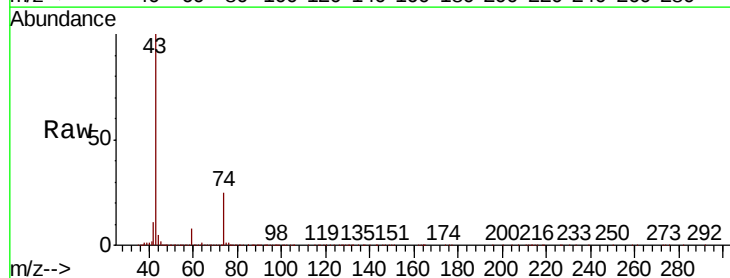
Acq: 18 Feb 2019 13:18

Tgt Ion: 43 Resp: 125886

Ion Ratio Lower Upper

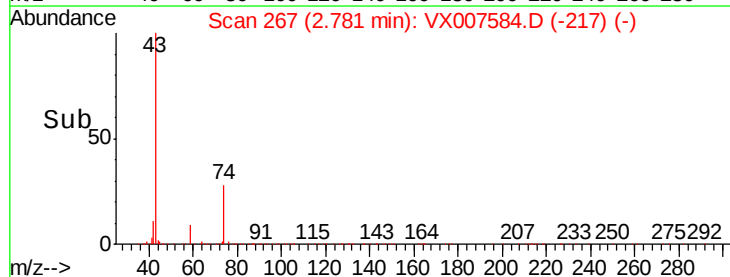
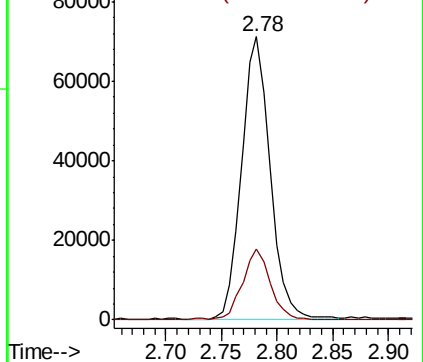
43 100

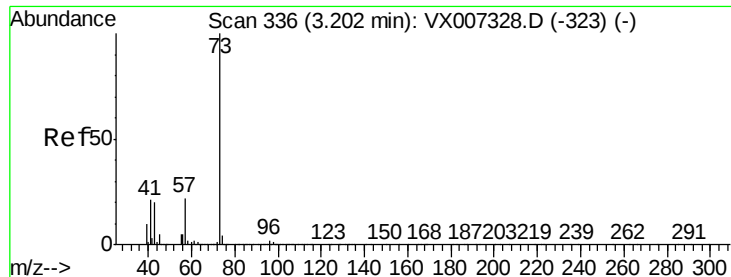
74 24.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 18.349 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

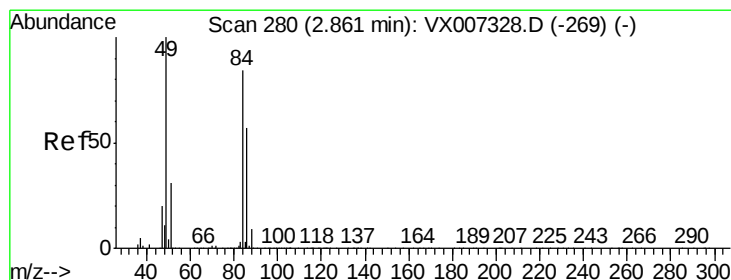
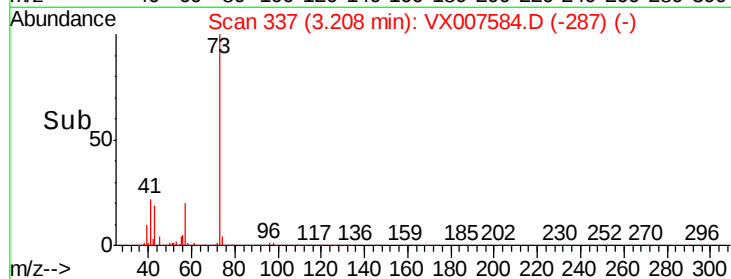
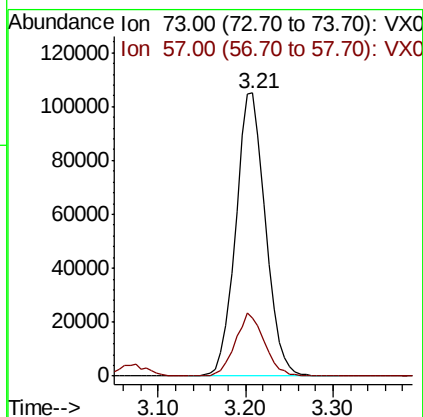
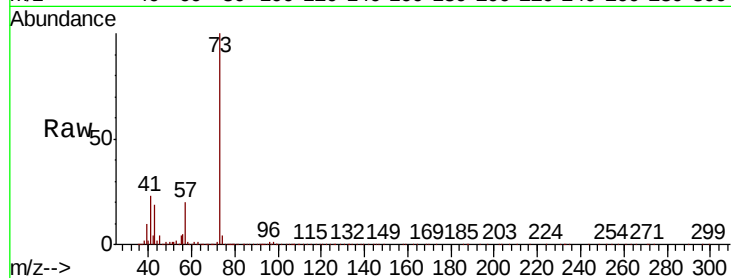
VX0218WBSD01

Tgt Ion: 73 Resp: 246833

Ion Ratio Lower Upper

73 100

57 20.3 17.8 26.8



#20

Methylene Chloride

Concen: 18.770 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Tgt Ion: 84 Resp: 82124

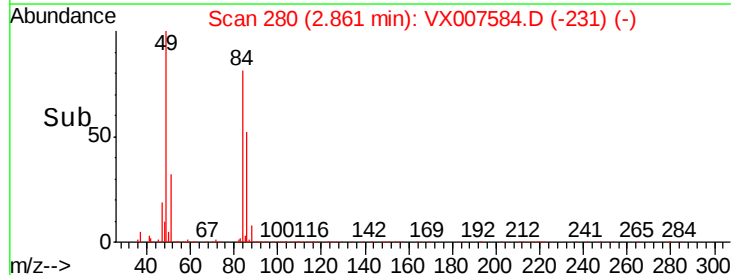
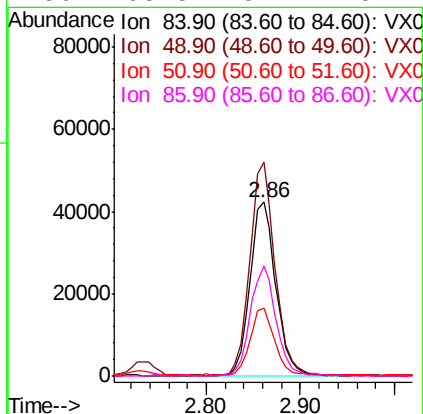
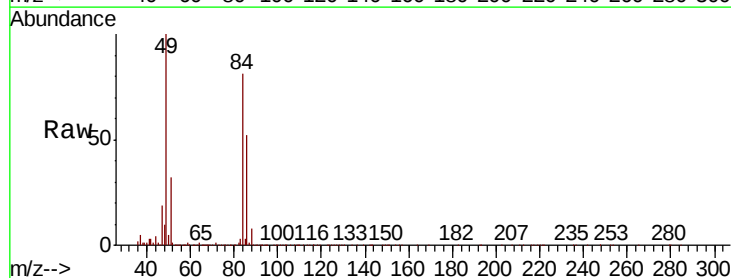
Ion Ratio Lower Upper

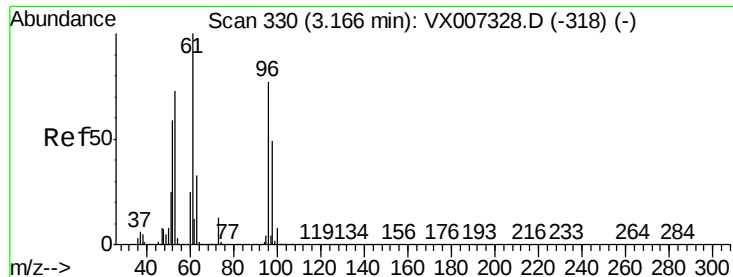
84 100

49 122.9 94.8 142.2

51 38.6 29.8 44.8

86 63.5 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 17.087 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

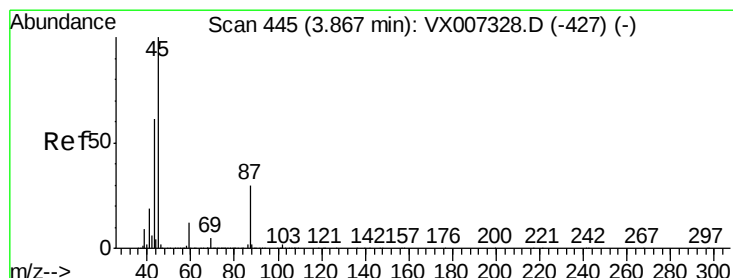
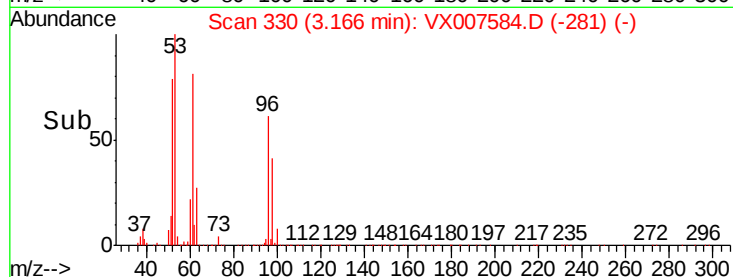
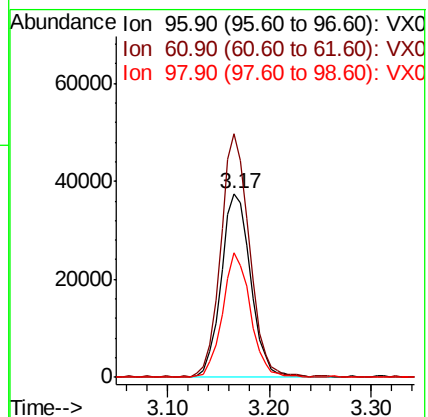
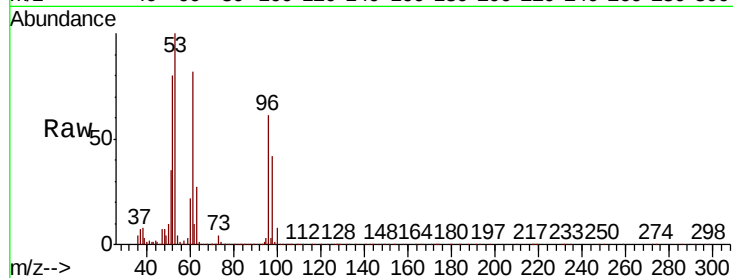
Tgt Ion: 96 Resp: 75579

Ion Ratio Lower Upper

96 100

61 132.1 104.6 156.8

98 67.4 51.0 76.4



#22

Diisopropyl ether

Concen: 19.846 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Tgt Ion: 45 Resp: 246979

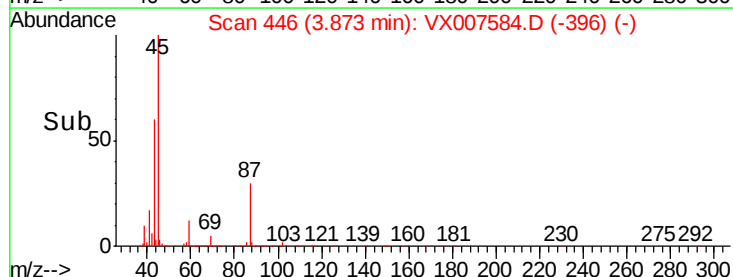
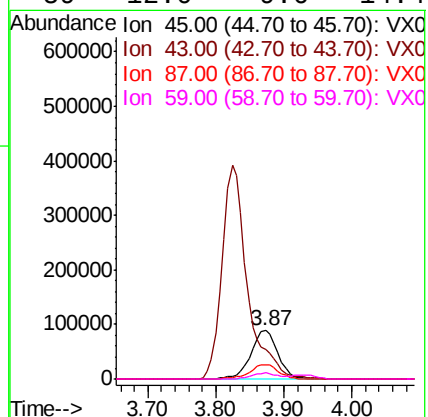
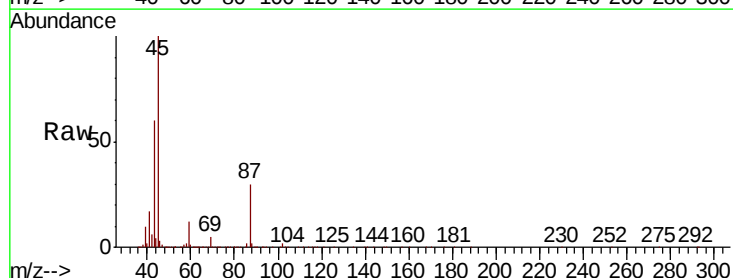
Ion Ratio Lower Upper

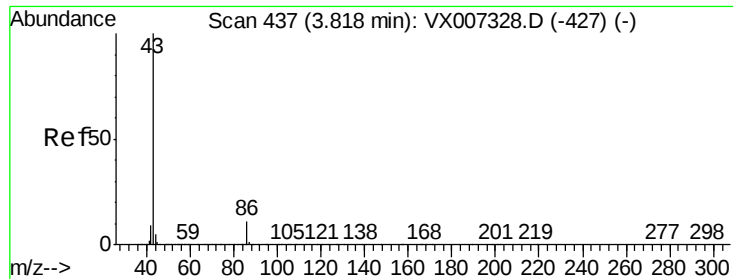
45 100

43 59.6 48.9 73.3

87 29.7 23.9 35.9

59 12.0 9.6 14.4





#23

Vinyl Acetate

Concen: 98.506 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

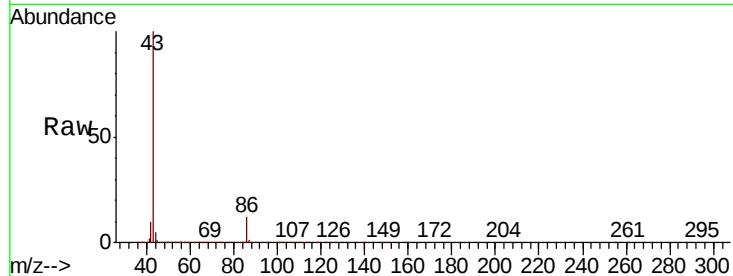
VX0218WBSD01

Tgt Ion: 43 Resp: 1017250

Ion Ratio Lower Upper

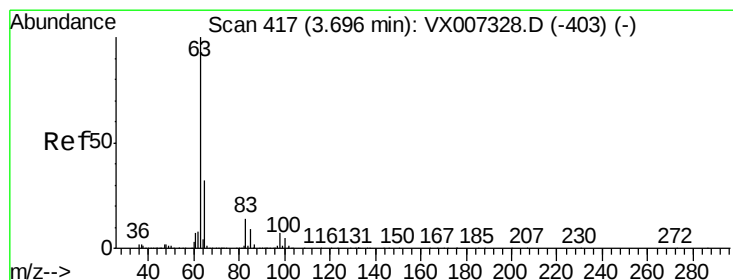
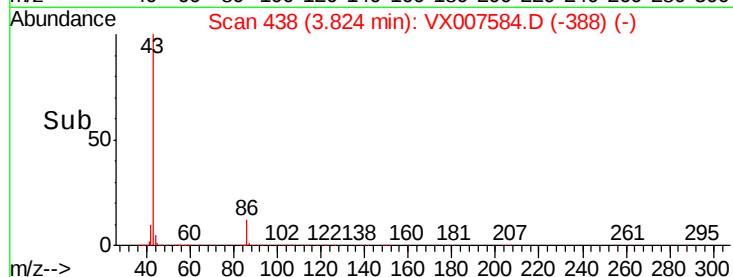
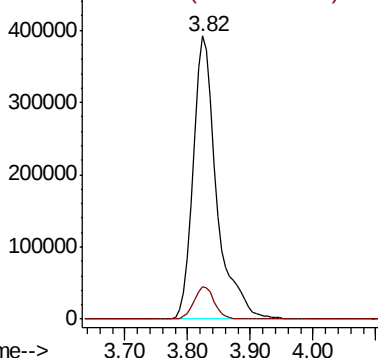
43 100

86 11.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.623 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

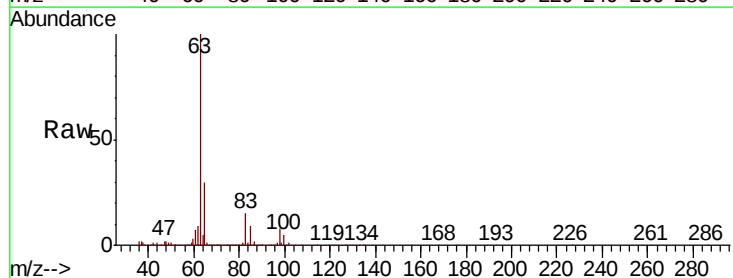
Tgt Ion: 63 Resp: 140239

Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.8

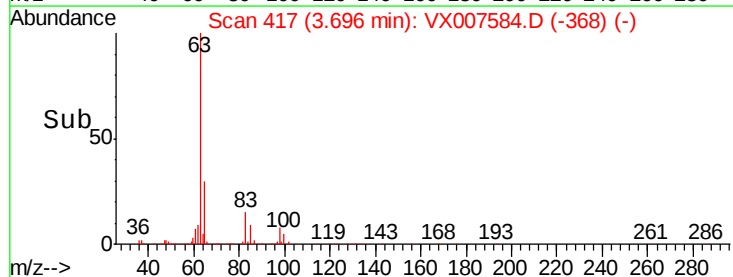
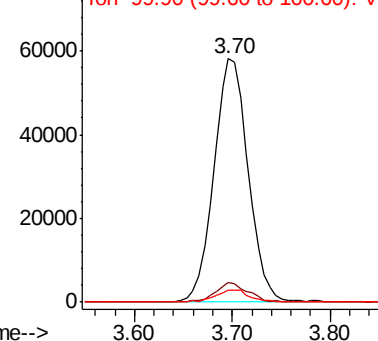
100 4.7 2.5 7.4

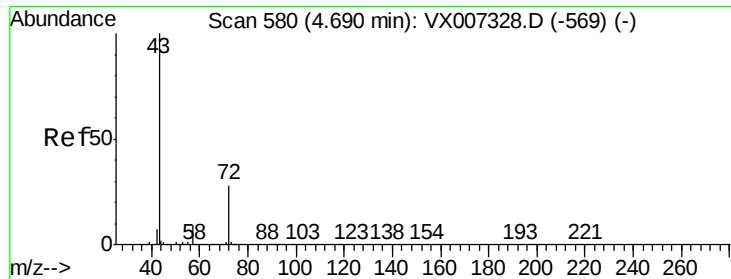


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.509 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

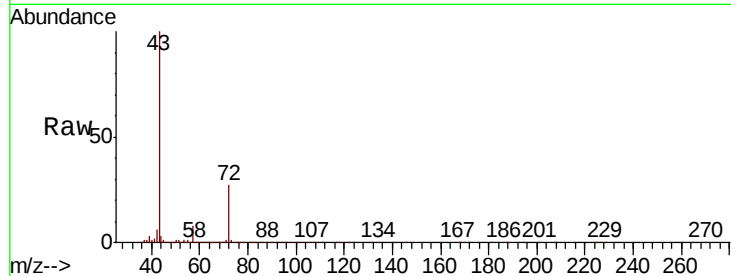
VX0218WBSD01

Tgt Ion: 43 Resp: 314471

Ion Ratio Lower Upper

43 100

72 27.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

120000

100000

80000

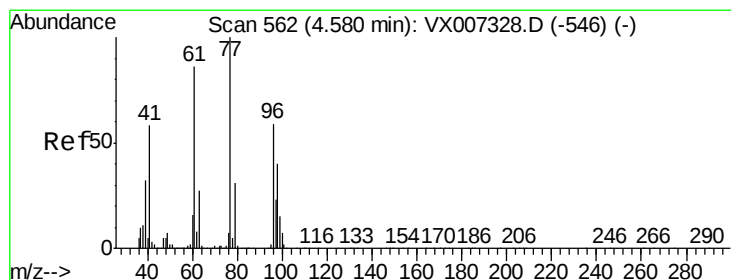
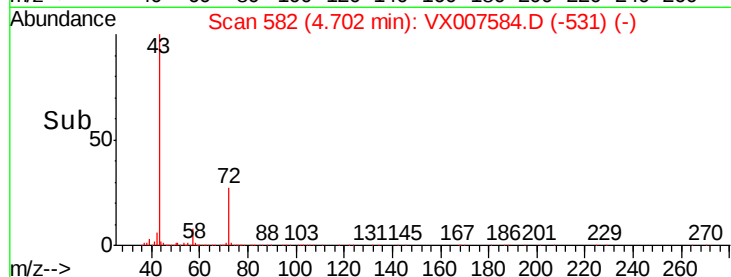
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 18.360 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007584.D

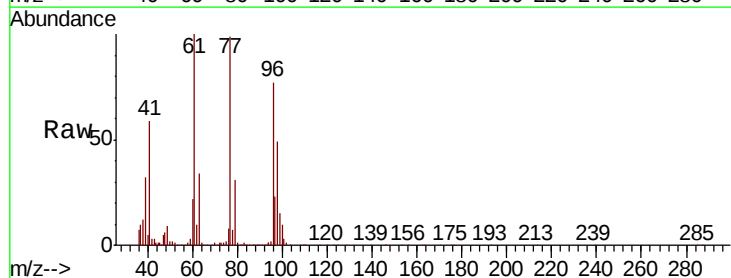
Acq: 18 Feb 2019 13:18

Tgt Ion: 77 Resp: 99925

Ion Ratio Lower Upper

77 100

97 25.4 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

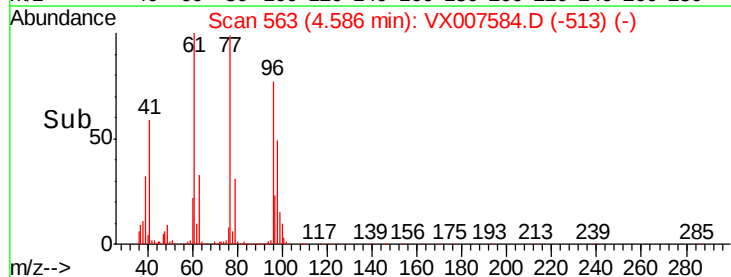
30000

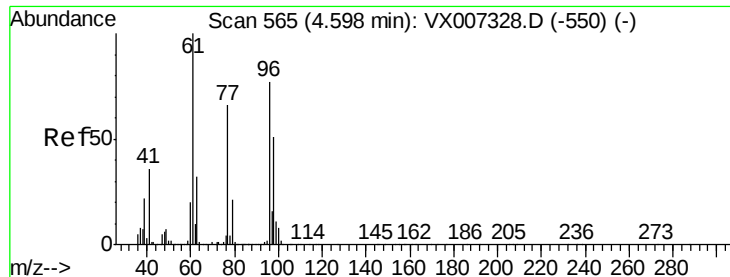
20000

10000

0

Time-->



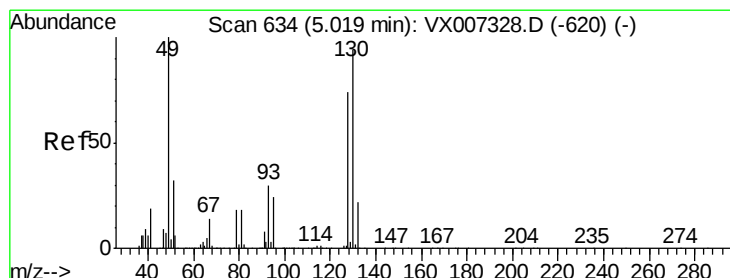
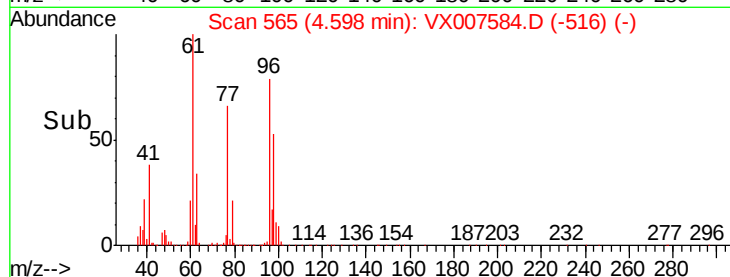
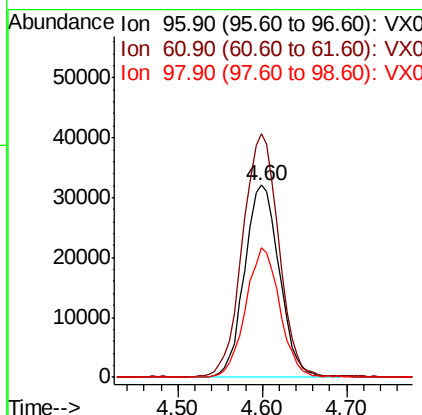
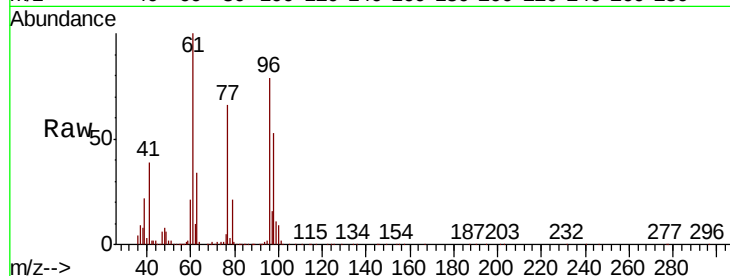


#27

cis-1,2-Dichloroethene
 Concen: 18.674 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

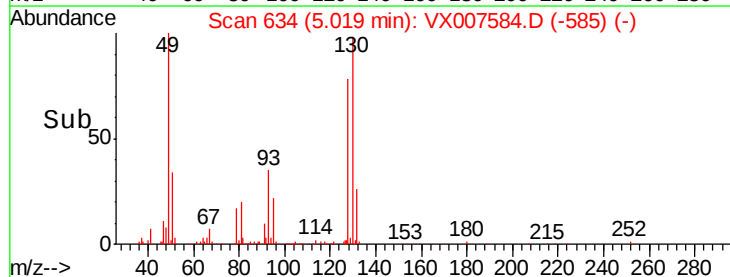
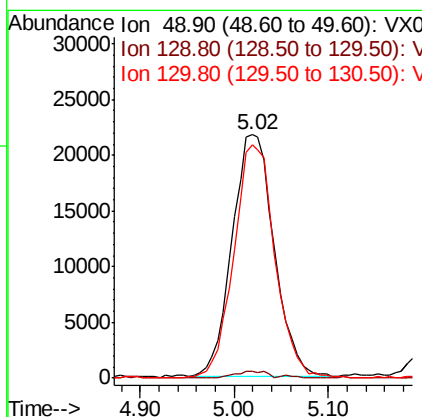
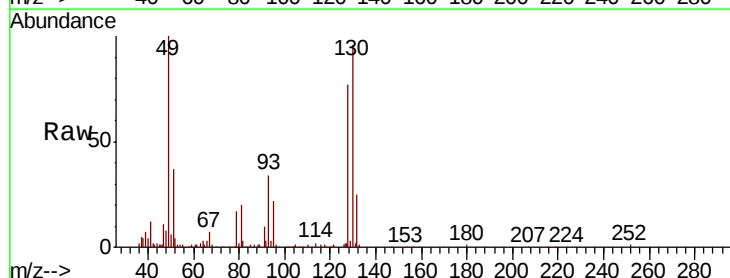
Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	265.6
98	65.9	0.0	131.6

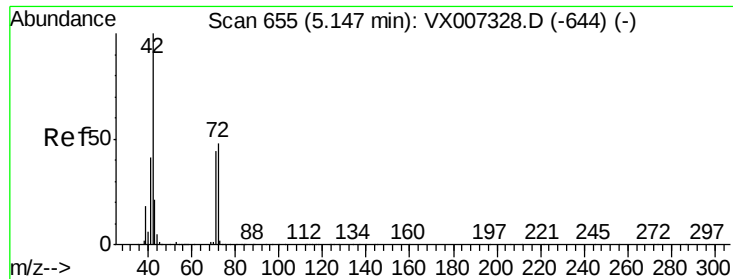


#28

Bromochloromethane
 Concen: 20.643 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.6
130	94.3	75.6	113.4

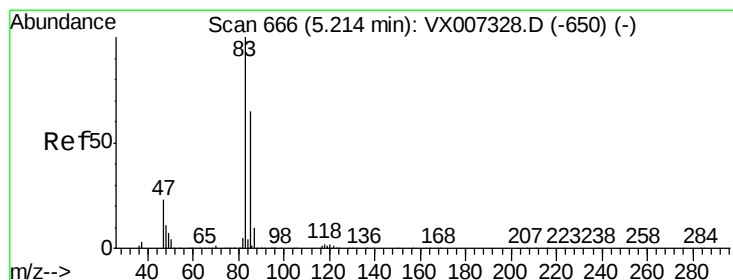
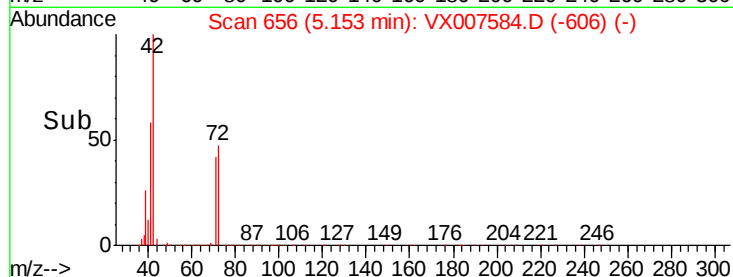
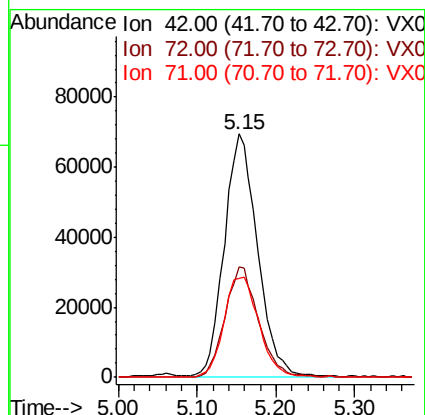
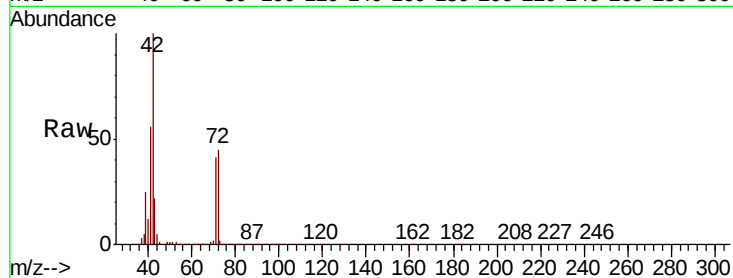




#29
Tetrahydrofuran
Concen: 107.451 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

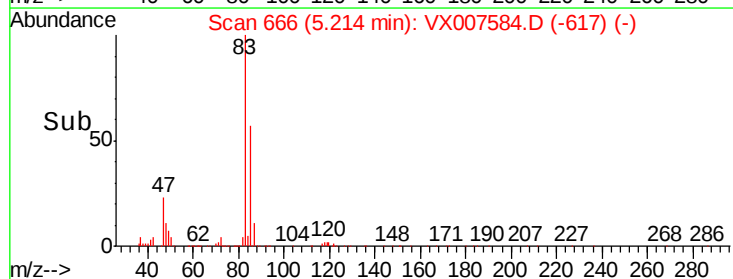
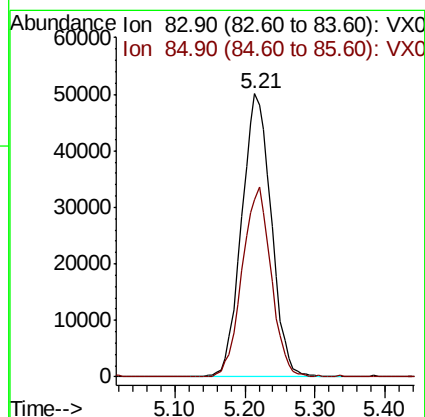
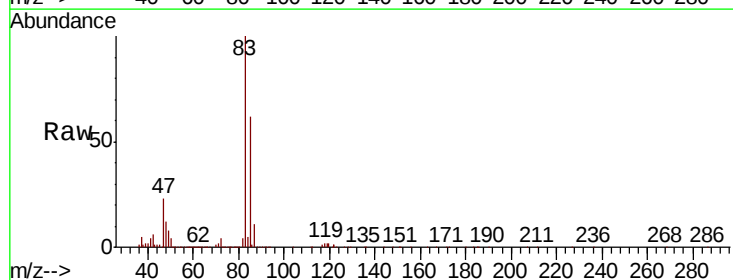
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

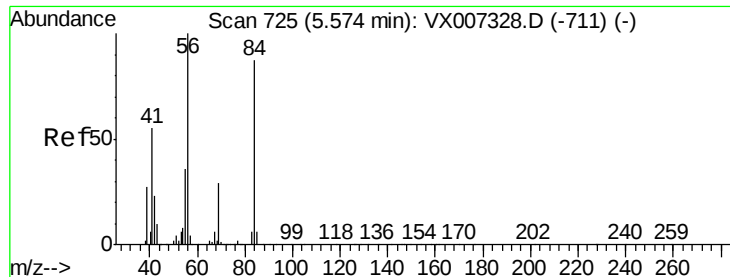
Tgt Ion: 42 Resp: 203349
Ion Ratio Lower Upper
42 100
72 46.4 37.6 56.4
71 43.7 34.6 51.8



#30
Chloroform
Concen: 19.783 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion: 83 Resp: 147530
Ion Ratio Lower Upper
83 100
85 62.2 51.6 77.4

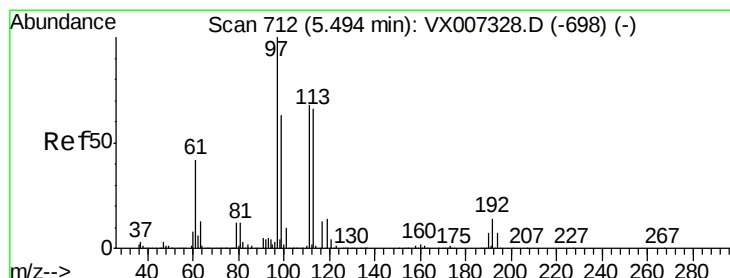
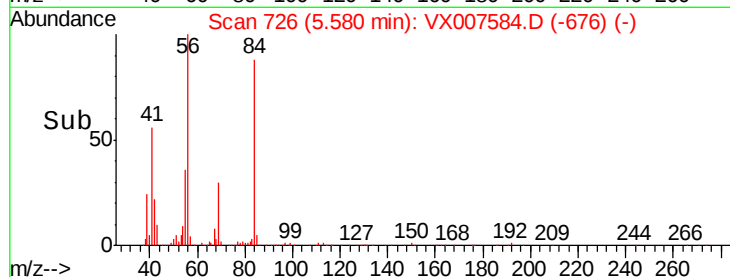
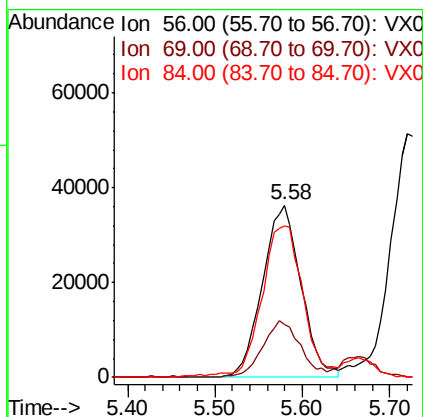
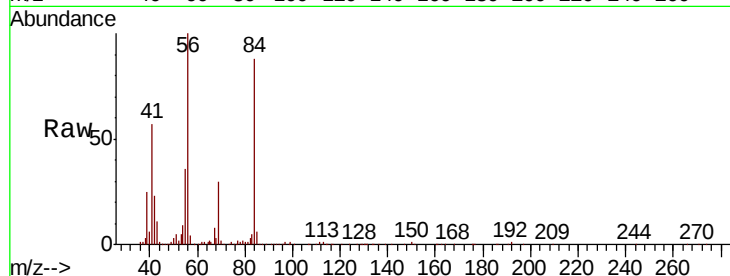




#31
Cyclohexane
Concen: 17.397 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

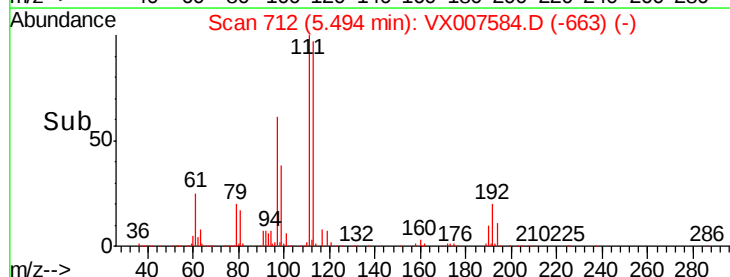
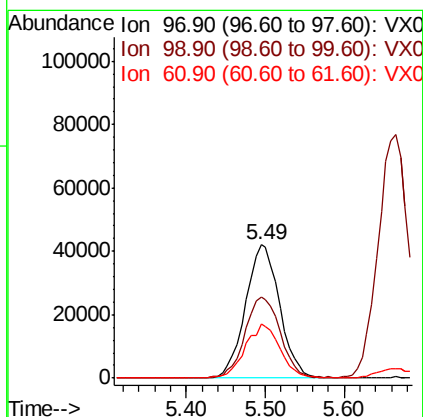
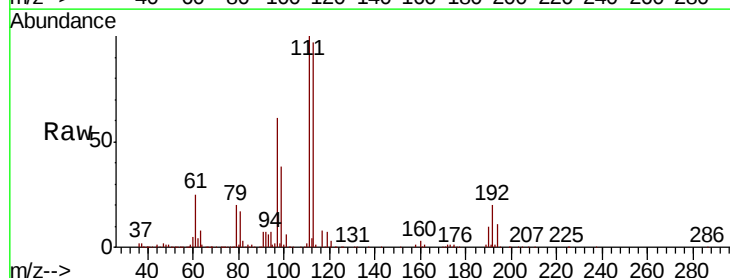
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

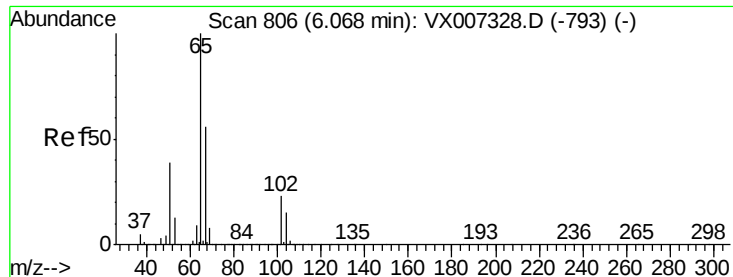
Tgt Ion: 56 Resp: 111663
Ion Ratio Lower Upper
56 100
69 30.3 23.0 34.6
84 86.9 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 20.066 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion: 97 Resp: 126311
Ion Ratio Lower Upper
97 100
99 63.2 52.2 78.2
61 40.4 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 50.472 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

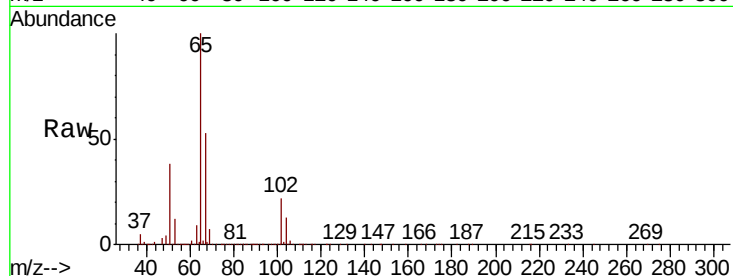
VX0218WBSD01

Tgt Ion: 65 Resp: 232972

Ion Ratio Lower Upper

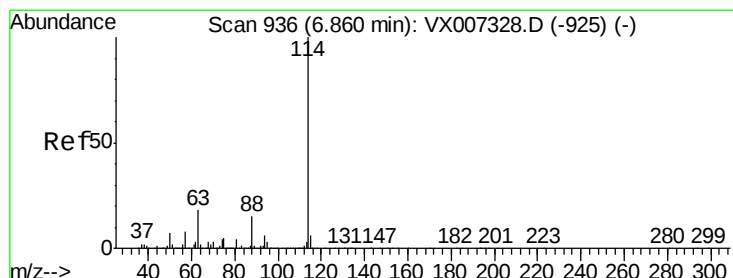
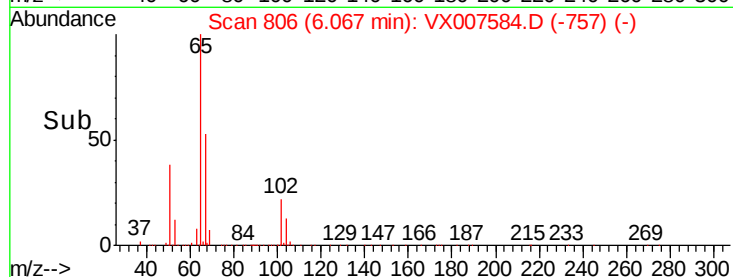
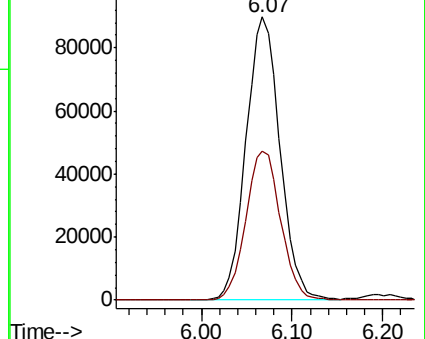
65 100

67 53.9 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

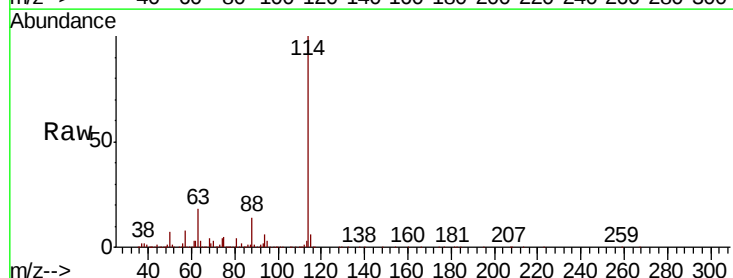
Tgt Ion: 114 Resp: 651557

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

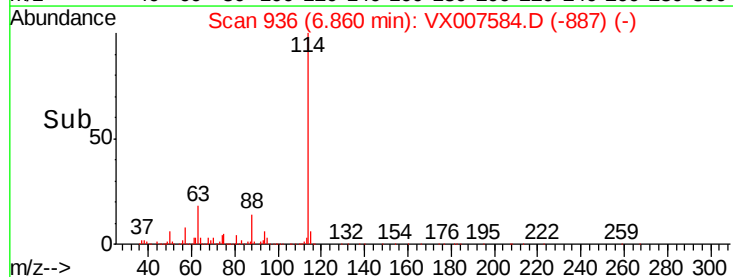
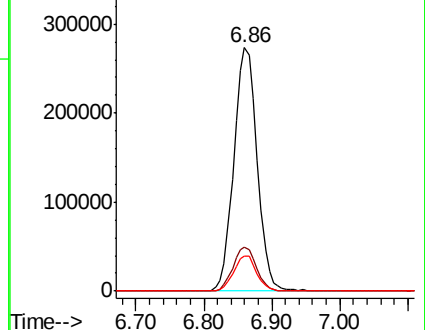
88 14.4 0.0 29.6

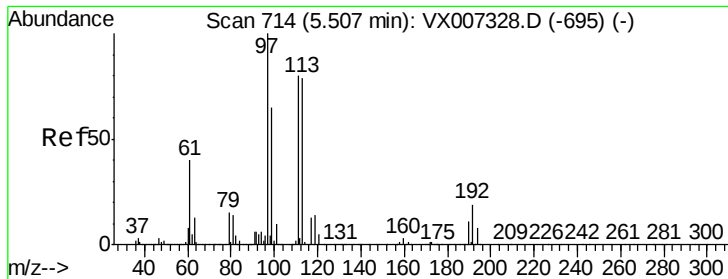


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.736 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

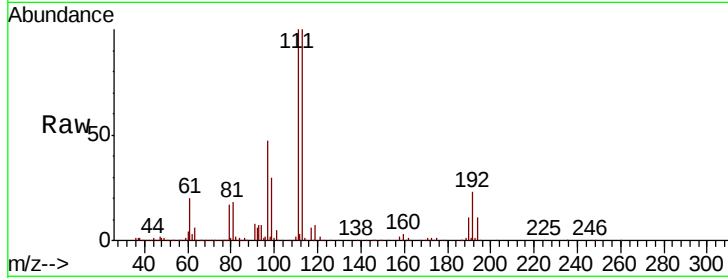
Tgt Ion:113 Resp: 210852

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

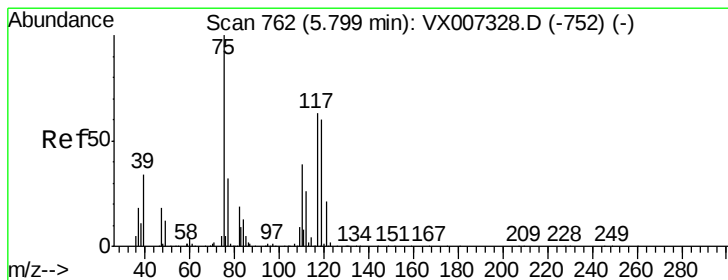
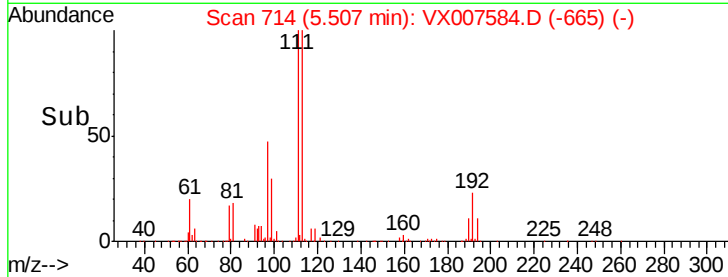
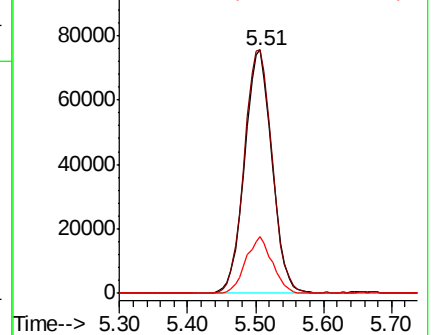
192 22.7 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.118 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

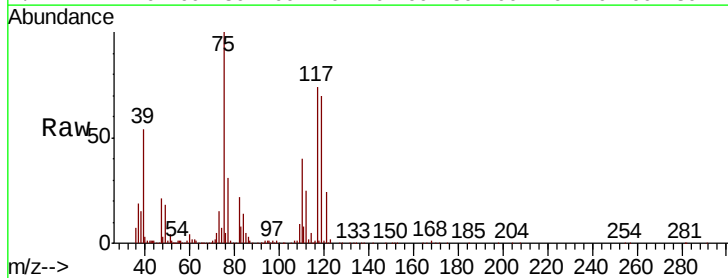
Tgt Ion: 75 Resp: 100072

Ion Ratio Lower Upper

75 100

110 40.0 20.0 59.9

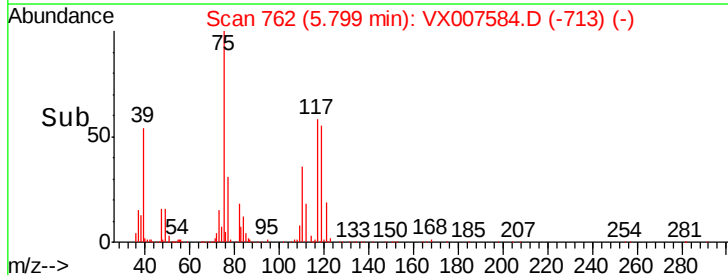
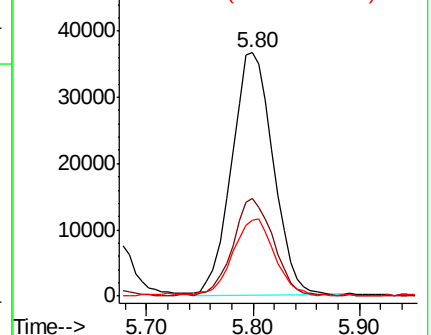
77 32.3 24.7 37.1

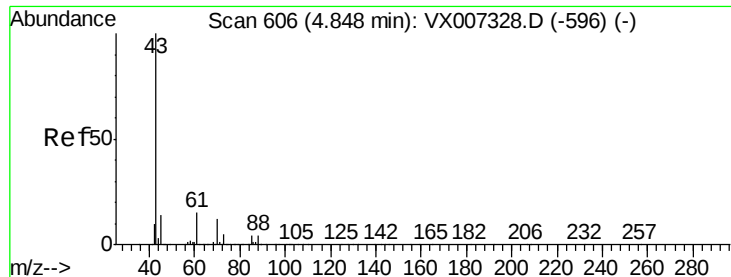


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

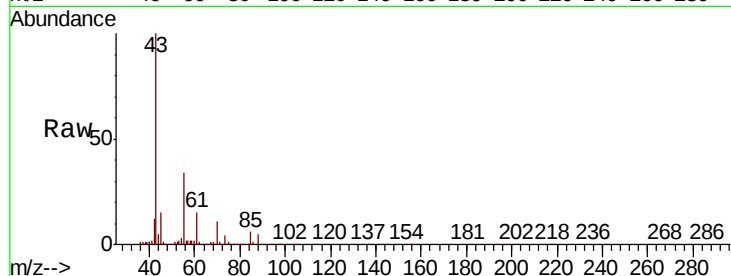




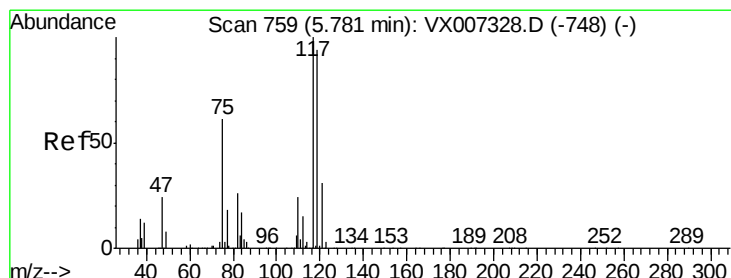
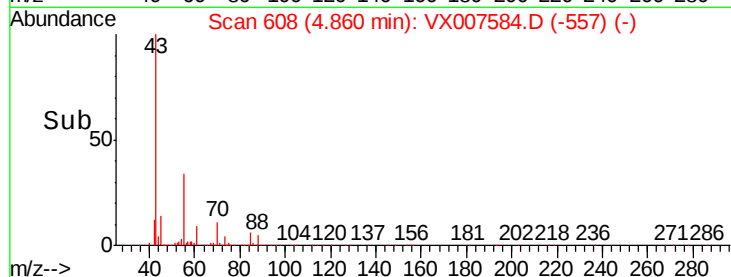
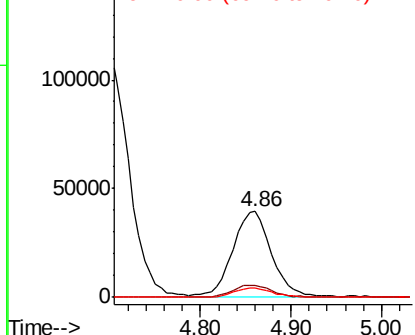
#37
Ethyl Acetate
Concen: 19.448 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tgt Ion: 43 Resp: 114931
Ion Ratio Lower Upper
43 100
61 15.5 11.3 16.9
70 11.5 8.6 13.0

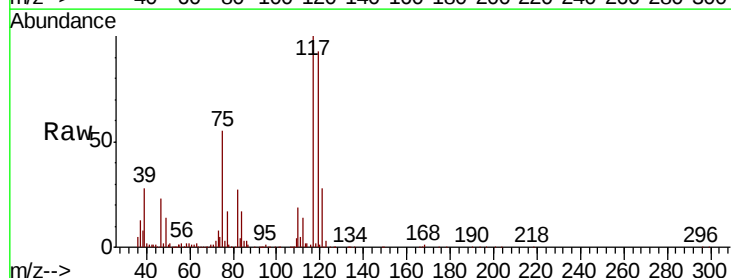


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

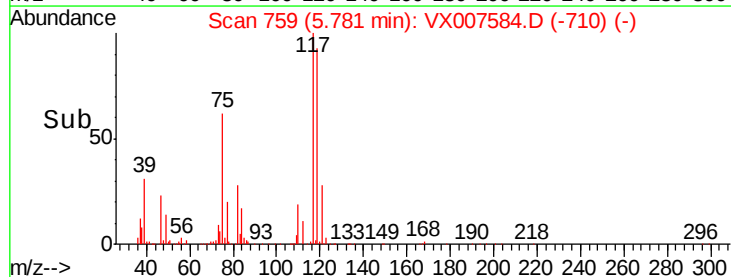
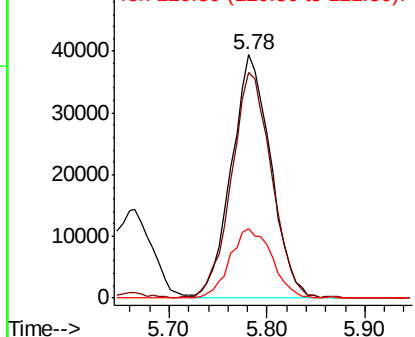


#38
Carbon Tetrachloride
Concen: 19.363 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion: 117 Resp: 109817
Ion Ratio Lower Upper
117 100
119 91.9 75.3 112.9
121 28.3 25.0 37.4



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

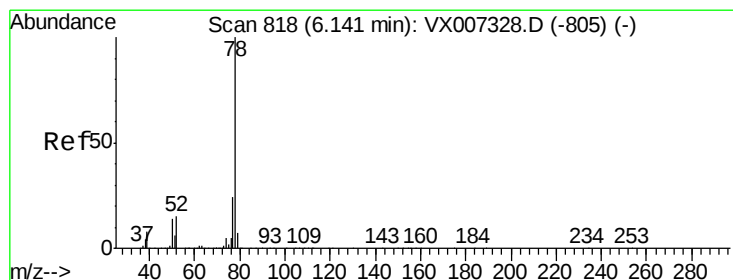
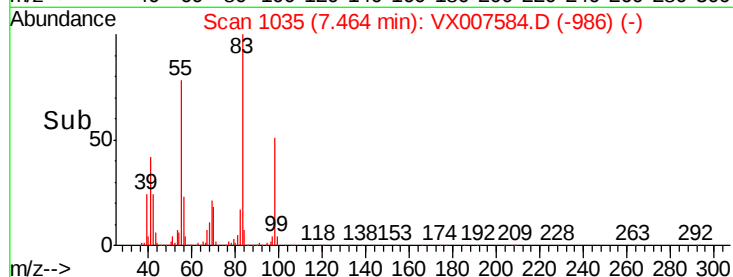
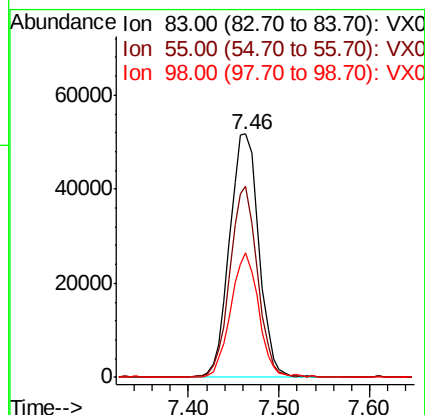
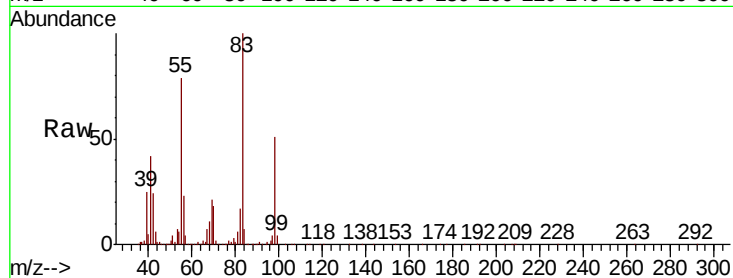




#39
Methylcyclohexane
Concen: 16.504 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

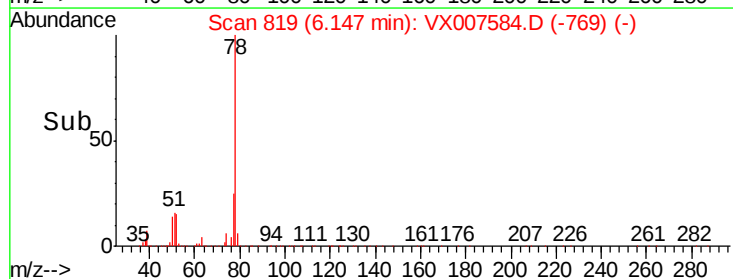
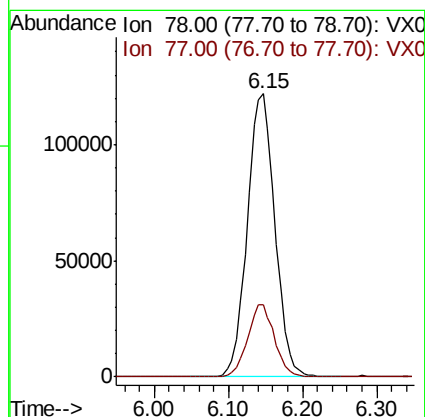
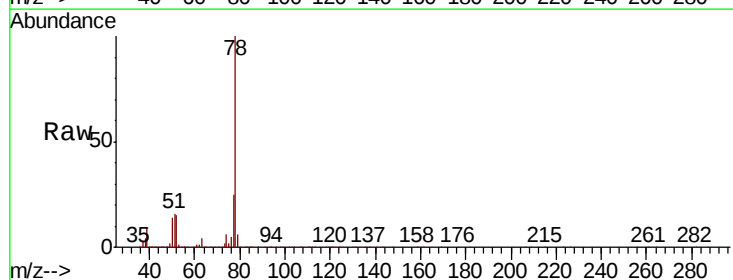
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

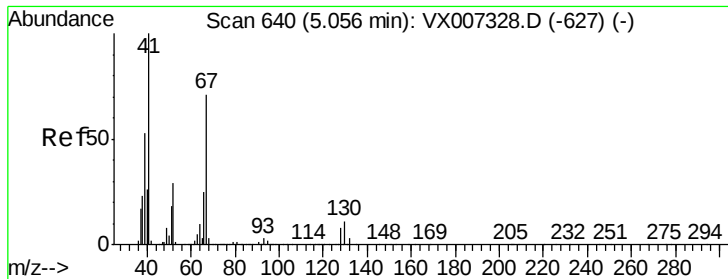
Tgt Ion: 83 Resp: 116731
Ion Ratio Lower Upper
83 100
55 78.4 56.2 84.2
98 51.2 36.8 55.2



#40
Benzene
Concen: 18.460 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion: 78 Resp: 317889
Ion Ratio Lower Upper
78 100
77 25.3 19.3 28.9





#41

Methacrylonitrile

Concen: 20.513 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tgt Ion: 41 Resp: 64970

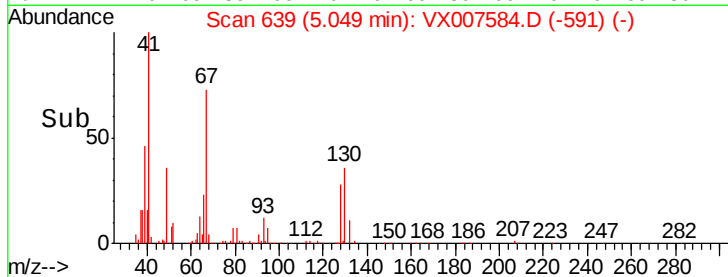
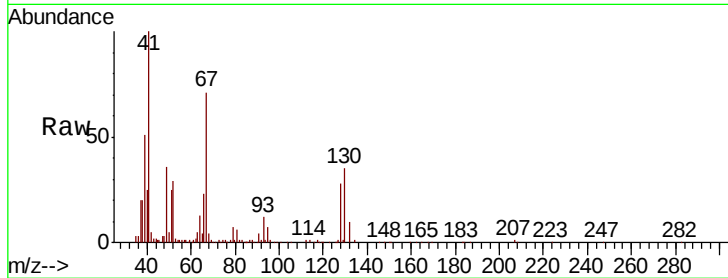
Ion Ratio Lower Upper

41 100

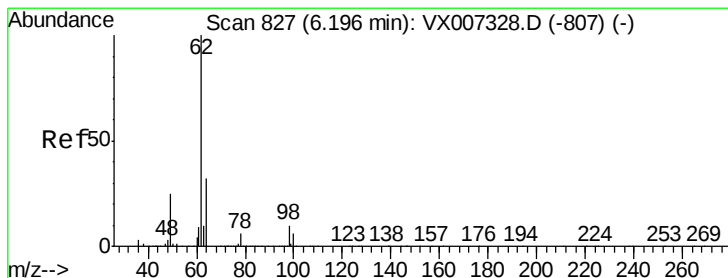
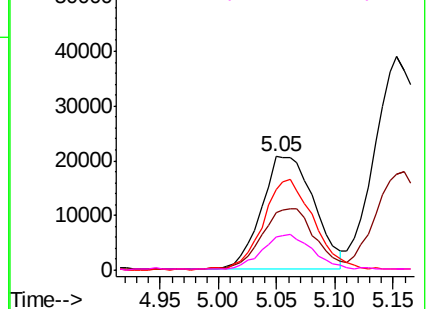
39 54.8 44.5 66.7

67 77.9 60.4 90.6

52 29.4 24.1 36.1



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



#42

1,2-Dichloroethane

Concen: 18.813 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX007584.D

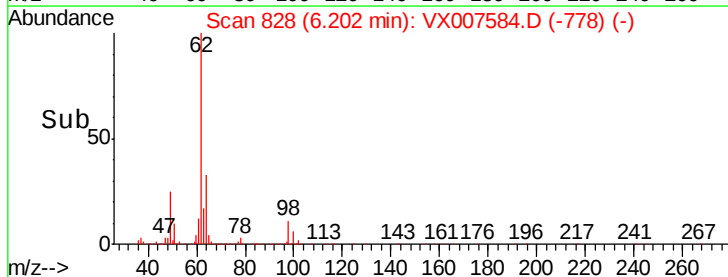
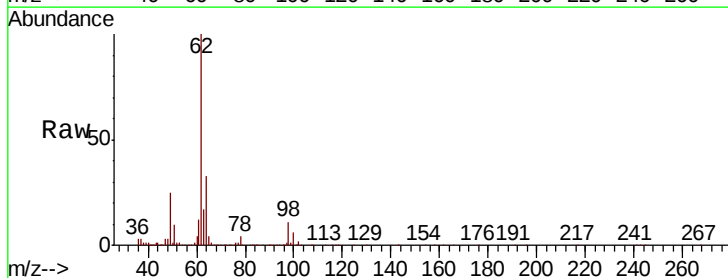
Acq: 18 Feb 2019 13:18

Tgt Ion: 62 Resp: 112090

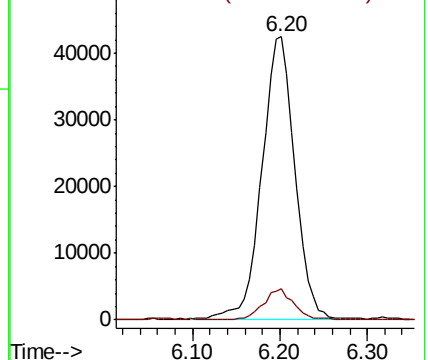
Ion Ratio Lower Upper

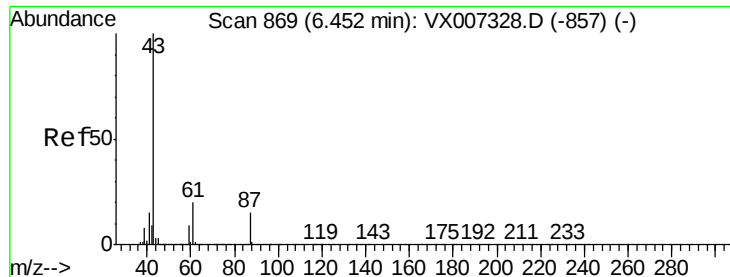
62 100

98 10.2 0.0 19.0



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





#43

Isopropyl Acetate

Concen: 19.781 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

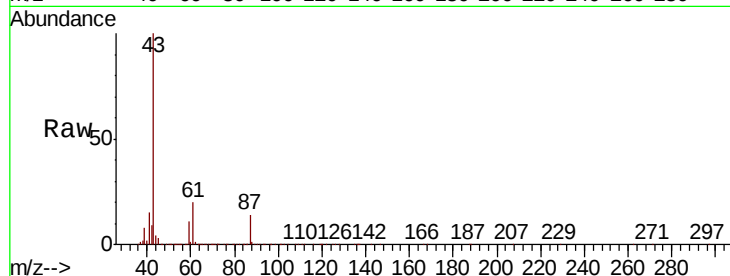
Tgt Ion: 43 Resp: 180430

Ion Ratio Lower Upper

43 100

61 20.6 16.1 24.1

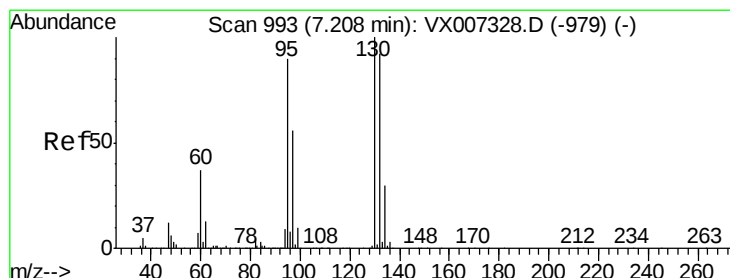
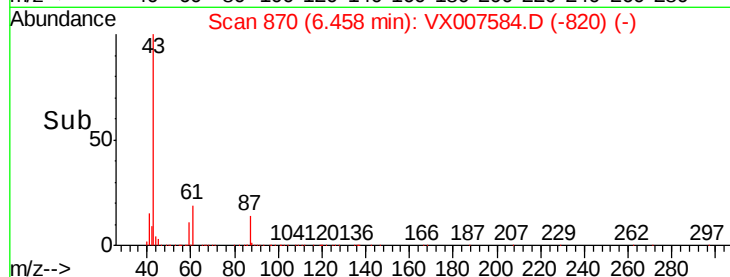
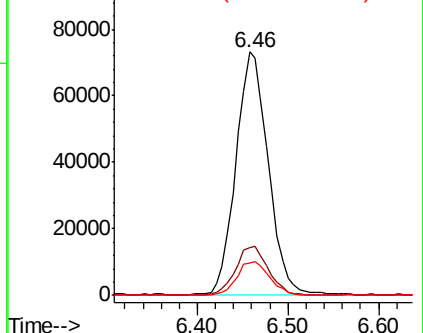
87 14.3 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.684 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX007584.D

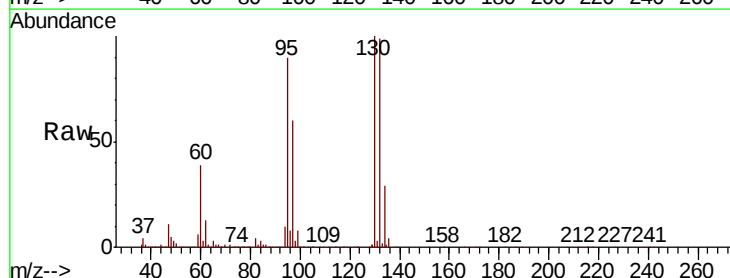
Acq: 18 Feb 2019 13:18

Tgt Ion: 130 Resp: 91718

Ion Ratio Lower Upper

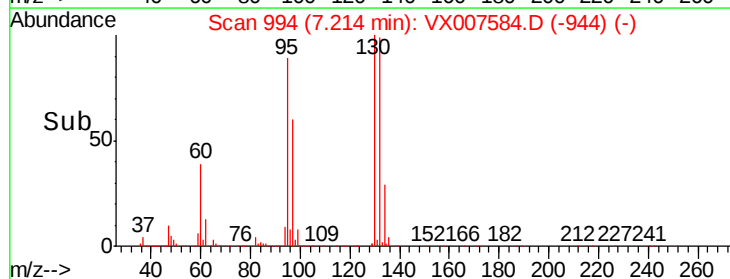
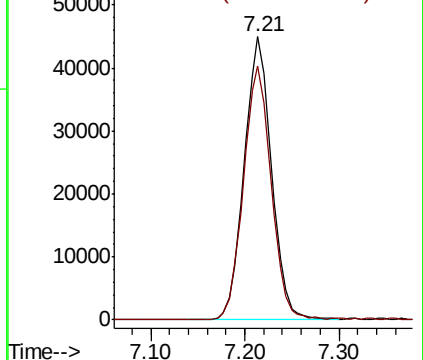
130 100

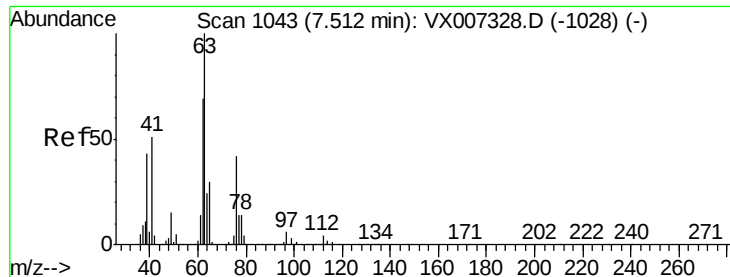
95 89.4 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.930 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

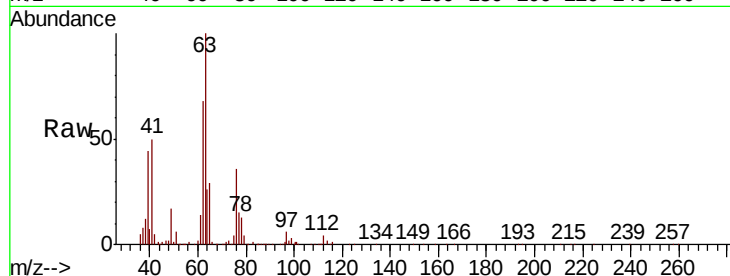
VX0218WBSD01

Tgt Ion: 63 Resp: 81678

Ion Ratio Lower Upper

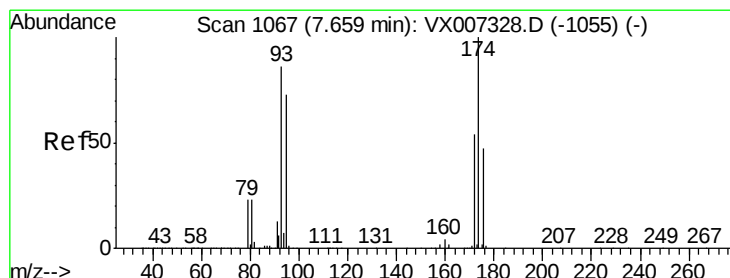
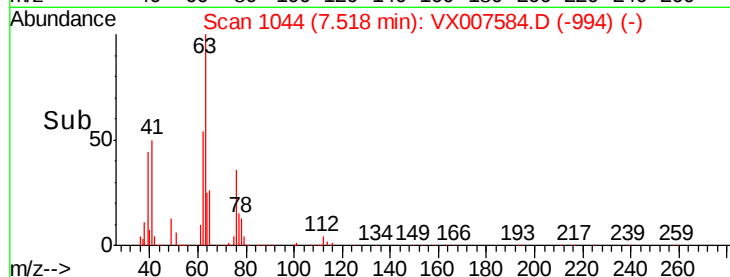
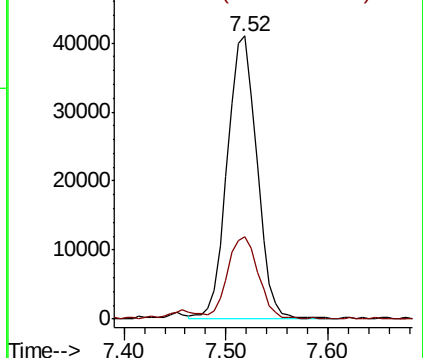
63 100

65 29.0 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.665 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

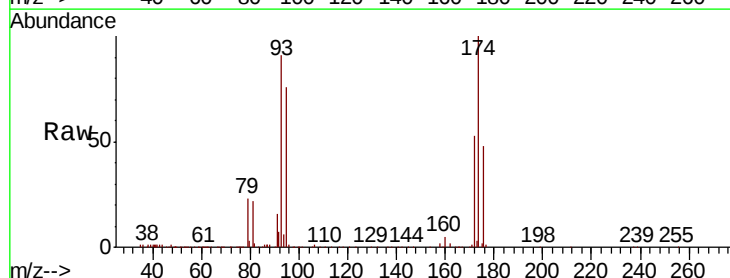
Tgt Ion: 93 Resp: 58533

Ion Ratio Lower Upper

93 100

95 83.5 67.6 101.4

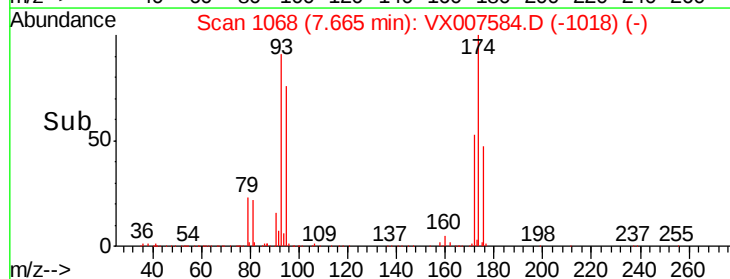
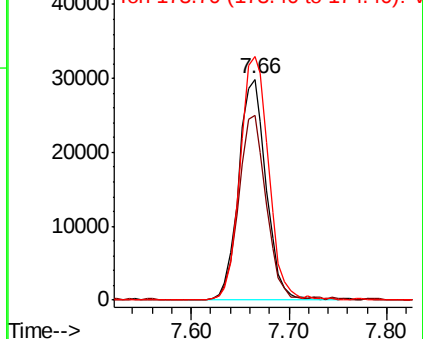
174 113.9 94.2 141.4

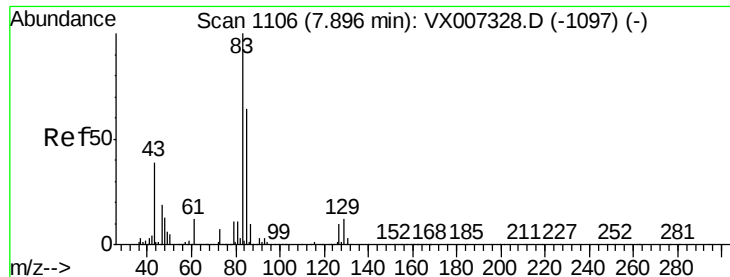


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.418 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

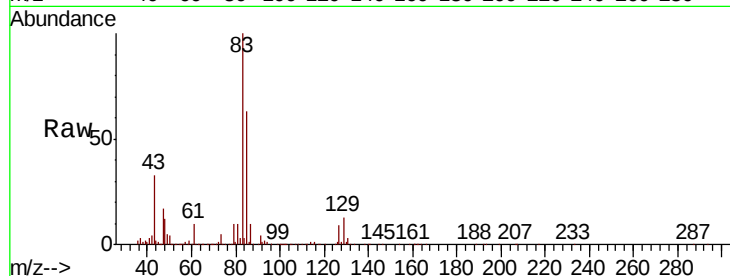
Tgt Ion: 83 Resp: 103200

Ion Ratio Lower Upper

83 100

85 63.2 51.4 77.0

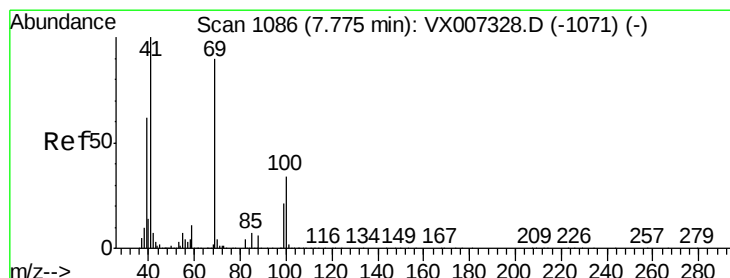
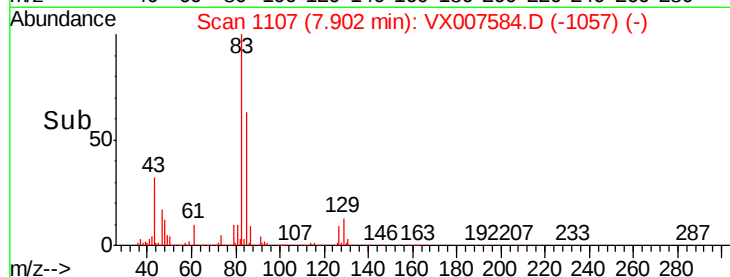
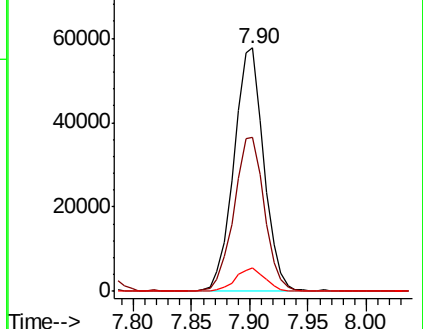
127 9.4 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.060 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

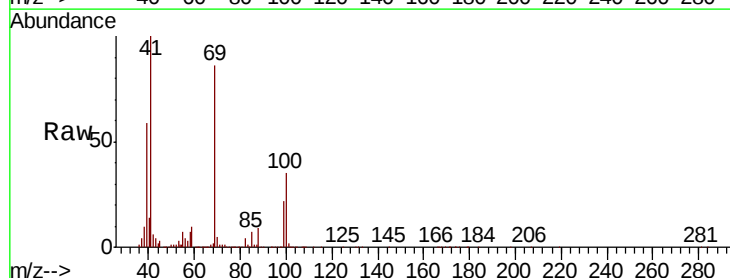
Tgt Ion: 41 Resp: 91527

Ion Ratio Lower Upper

41 100

69 88.1 70.2 105.4

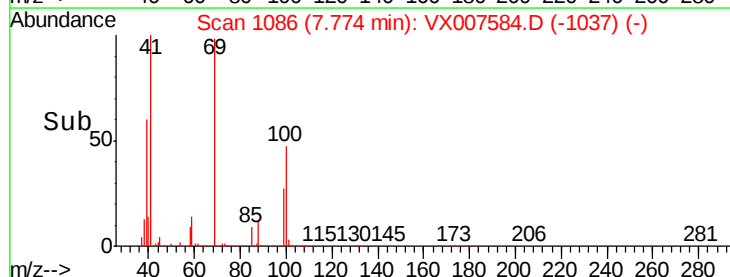
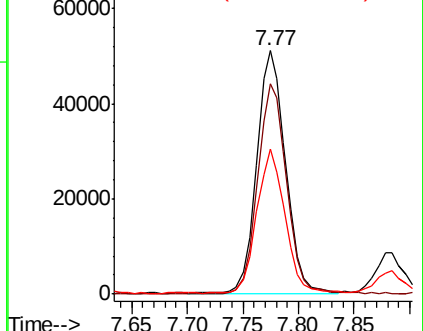
39 58.6 47.4 71.0

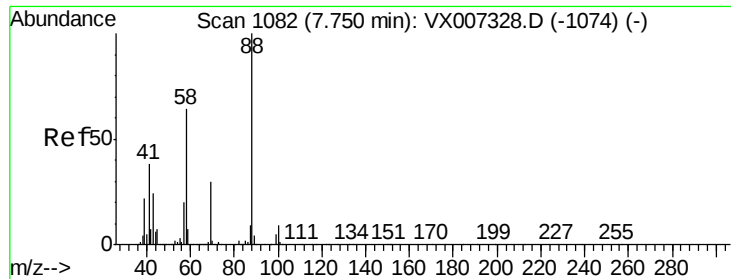


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

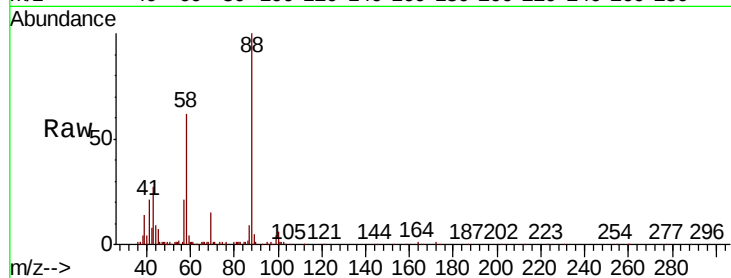




#49
 1,4-Dioxane
 Concen: 413.732 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.9	24.2	36.4
58	68.6	53.0	79.4

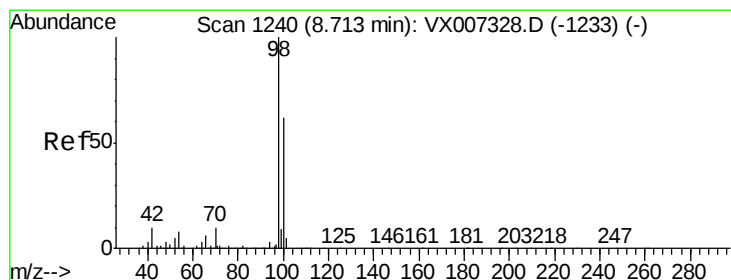
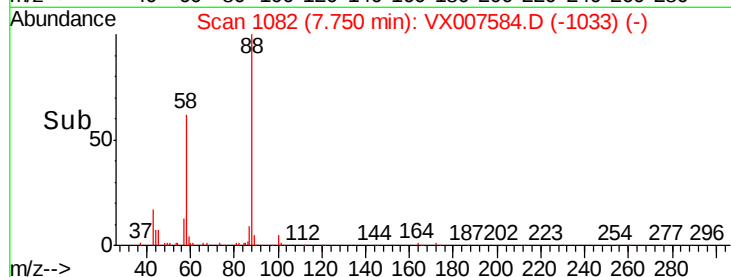
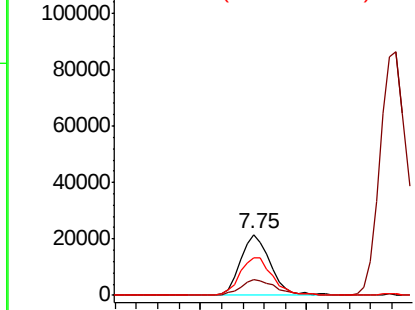


Abundance

Ion 88.00 (87.70 to 88.70): VX0

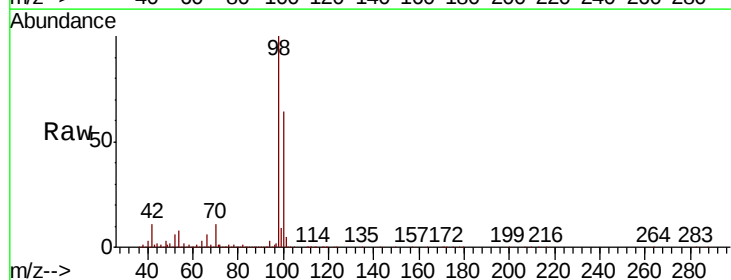
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
 Toluene-d8
 Concen: 47.330 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

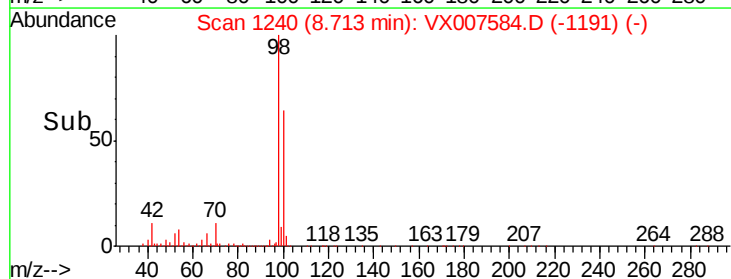
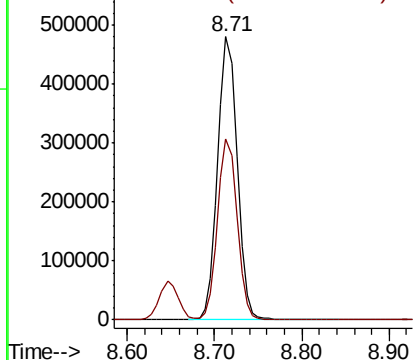
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4

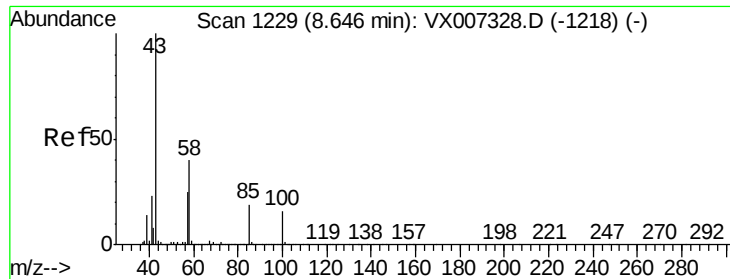


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

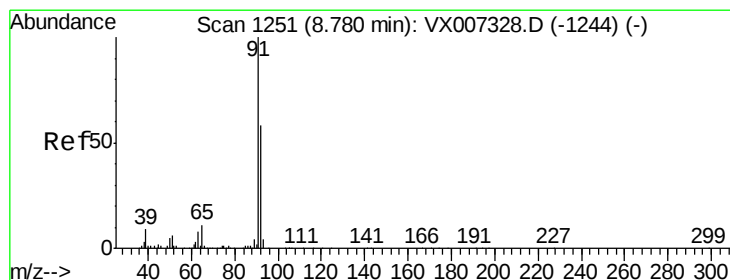
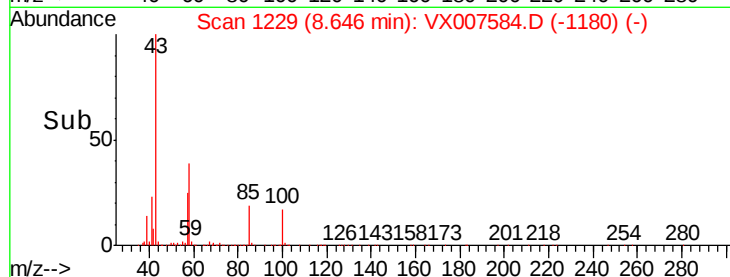
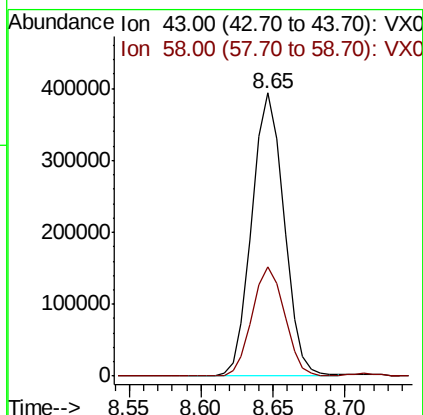
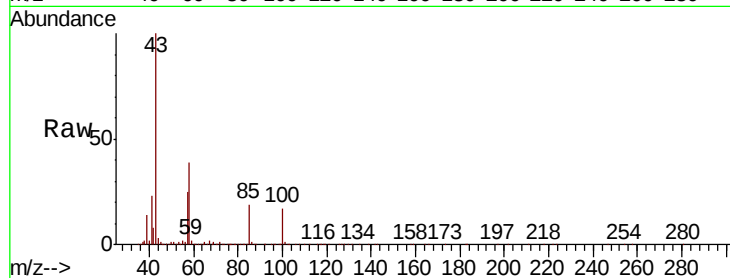




#51
 4-Methyl-2-Pentanone
 Concen: 101.231 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

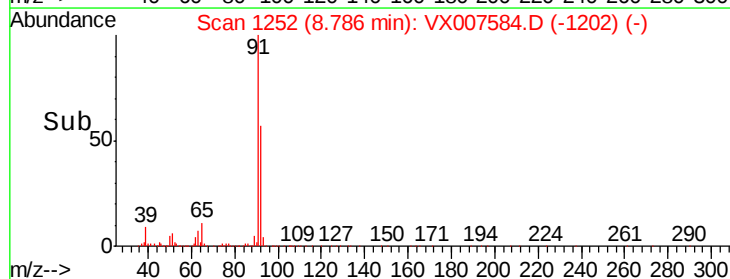
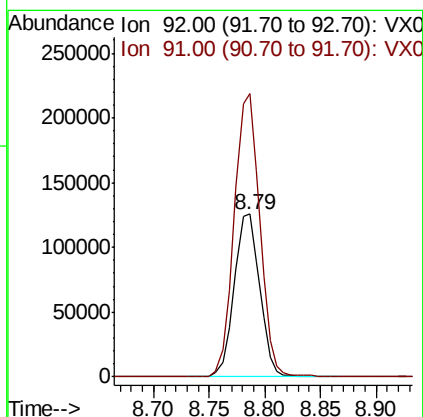
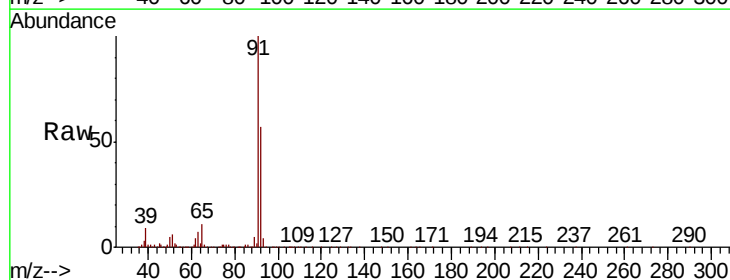
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tgt Ion: 43 Resp: 607870
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.2 46.8



#52
 Toluene
 Concen: 17.873 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Tgt Ion: 92 Resp: 198584
 Ion Ratio Lower Upper
 92 100
 91 175.0 139.1 208.7

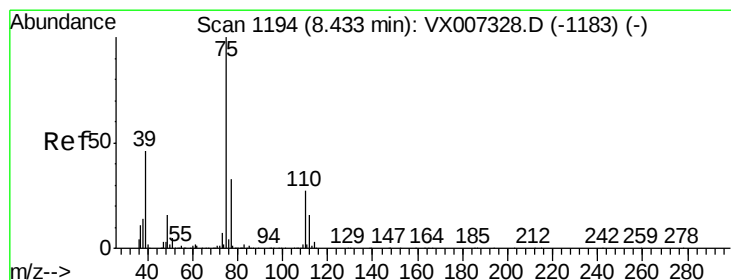
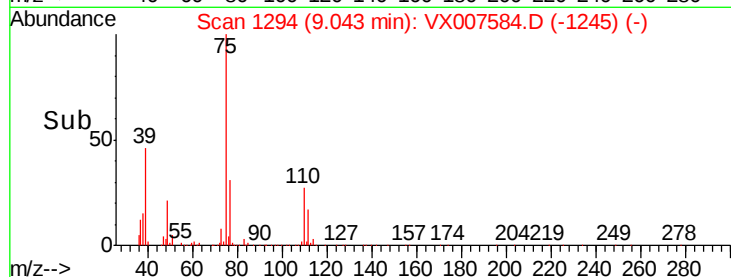
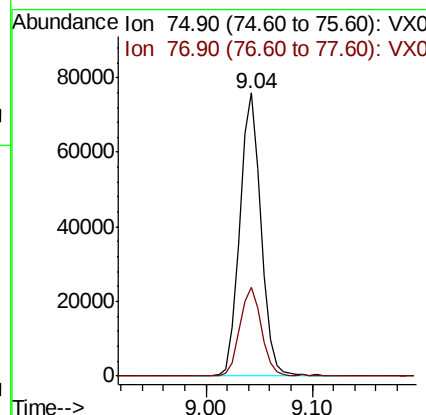
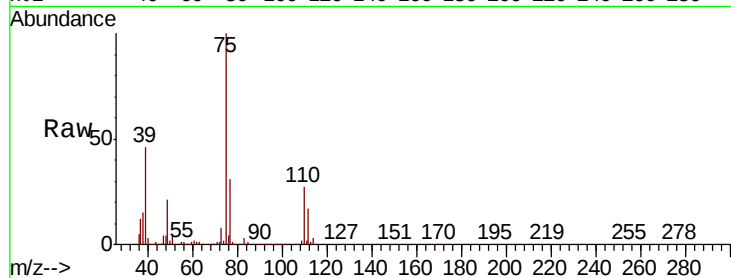




#53
 t-1,3-Dichloropropene
 Concen: 18.664 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

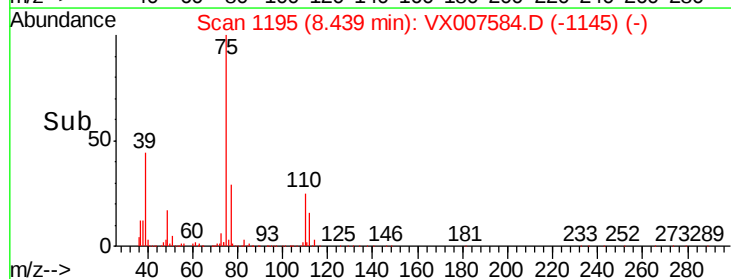
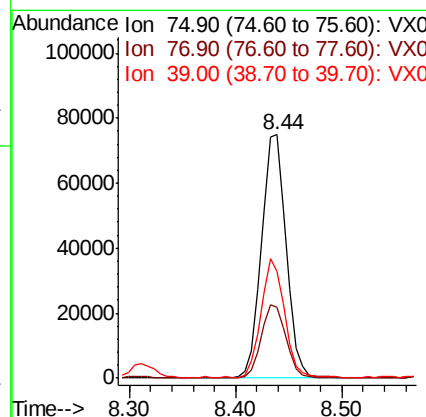
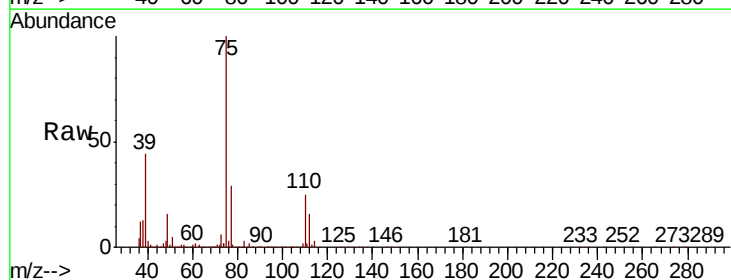
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

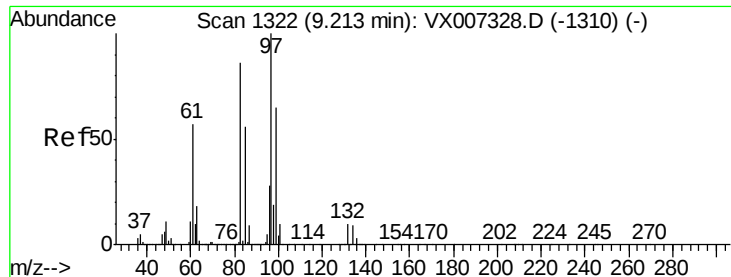
Tgt Ion: 75 Resp: 106547
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.542 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Tgt Ion: 75 Resp: 122683
 Ion Ratio Lower Upper
 75 100
 77 28.9 26.2 39.4
 39 43.8 37.1 55.7

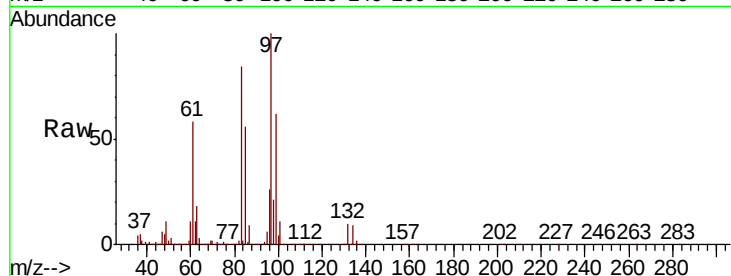




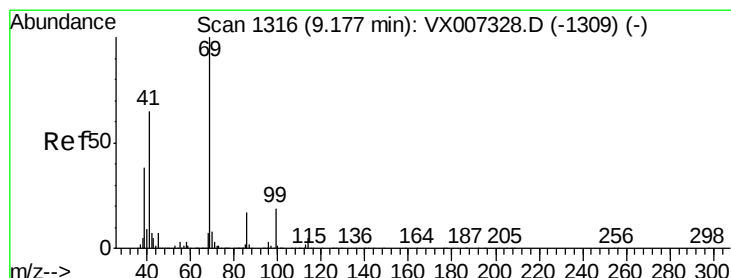
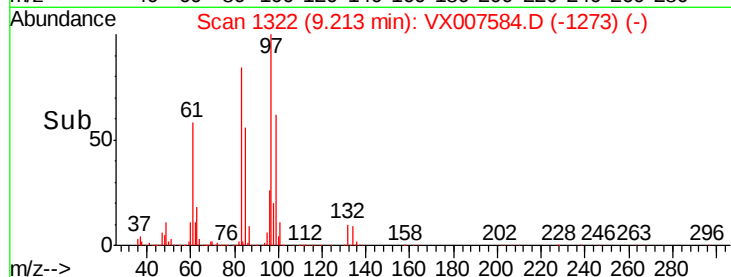
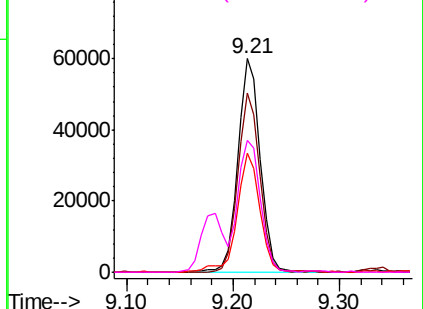
#55
 1,1,2-Trichloroethane
 Concen: 19.054 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tgt Ion:	97	Resp:	88246
Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.6	102.8
85	55.5	44.5	66.7
99	61.6	52.2	78.4

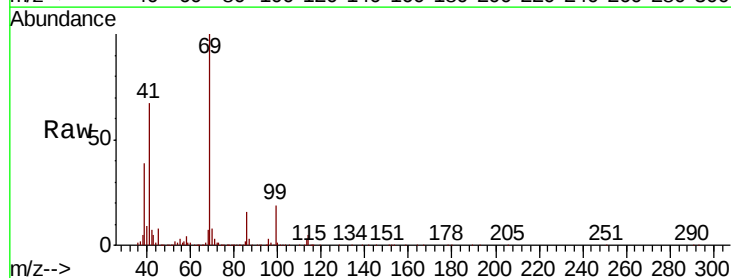


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

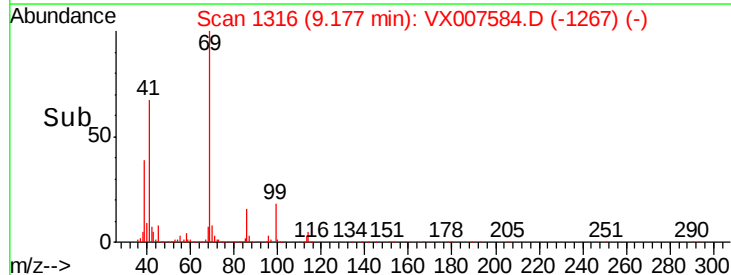
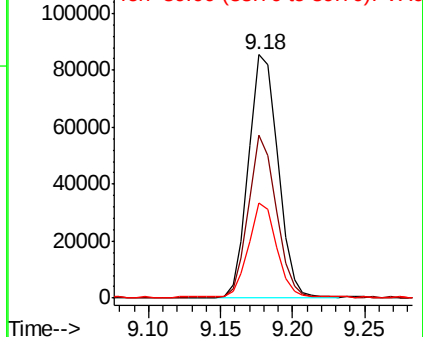


#56
 Ethyl methacrylate
 Concen: 18.878 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Tgt Ion:	69	Resp:	121094
Ion	Ratio	Lower	Upper
69	100		
41	62.8	52.1	78.1
39	36.9	30.1	45.1



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: 18.900 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

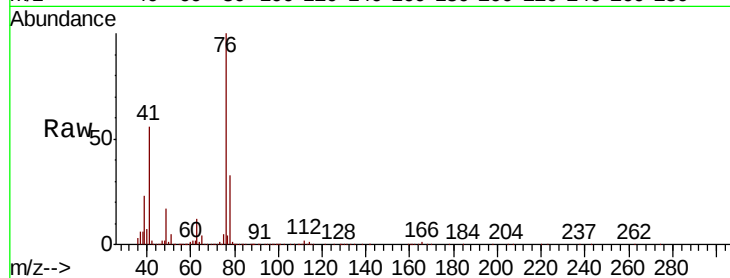
VX0218WBSD01

Tgt Ion: 76 Resp: 139202

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

100000

80000

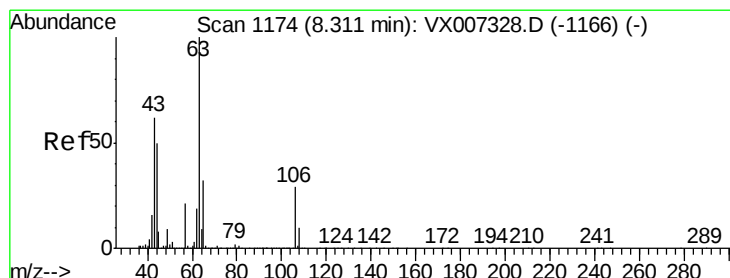
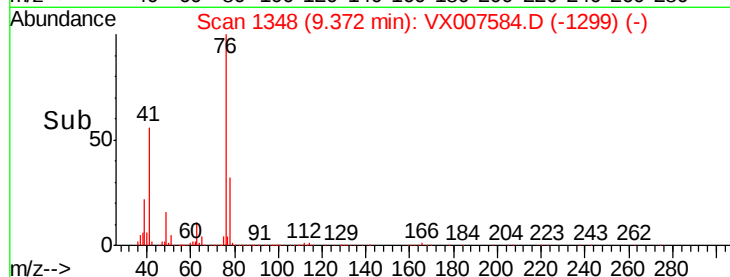
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 96.391 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007584.D

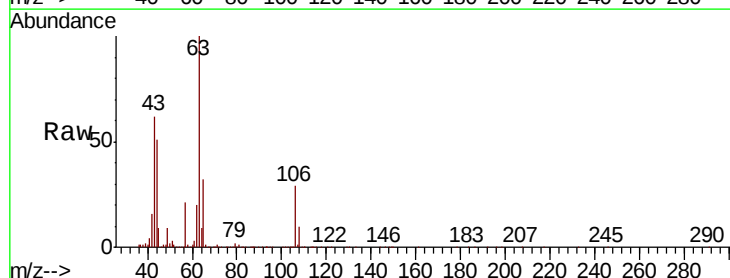
Acq: 18 Feb 2019 13:18

Tgt Ion: 63 Resp: 325893

Ion Ratio Lower Upper

63 100

106 30.1 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

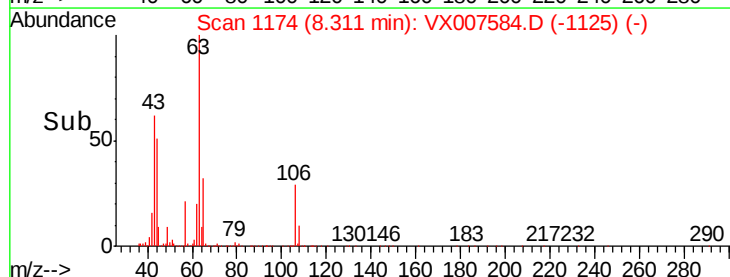
150000

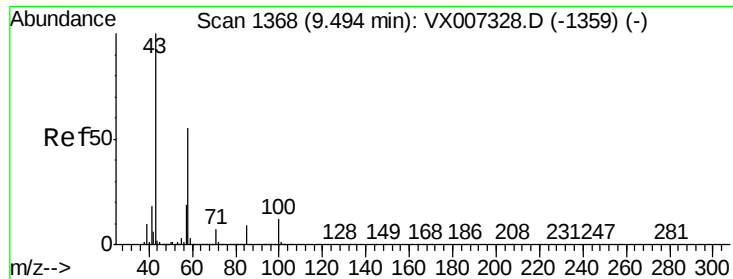
100000

50000

0

Time-->

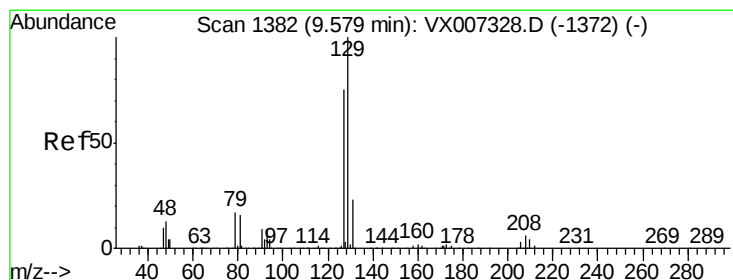
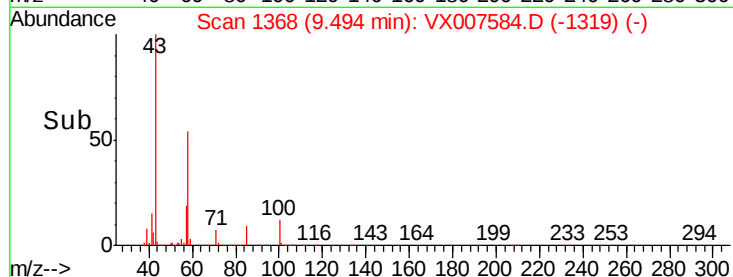
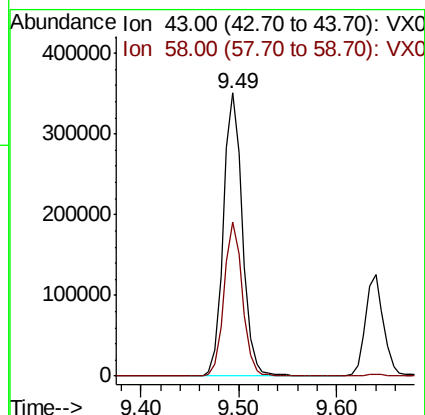
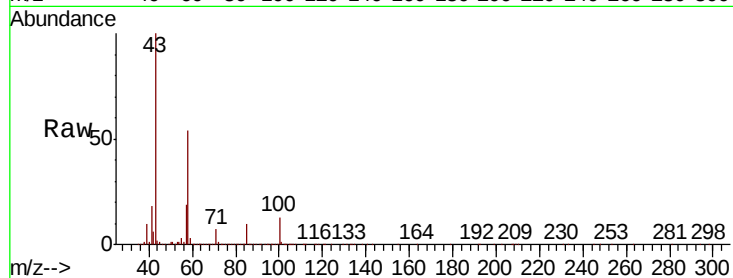




#59
2-Hexanone
Concen: 100.620 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

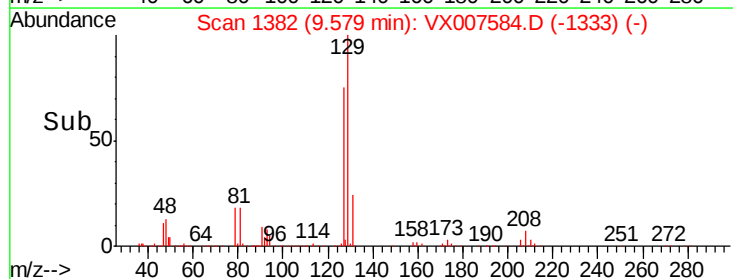
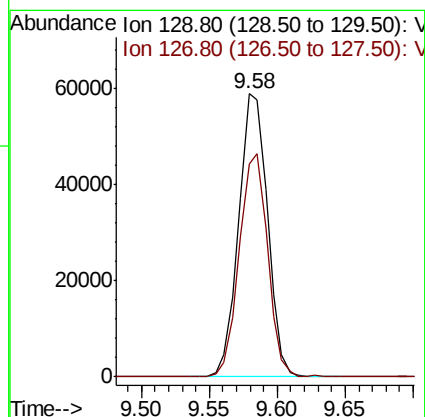
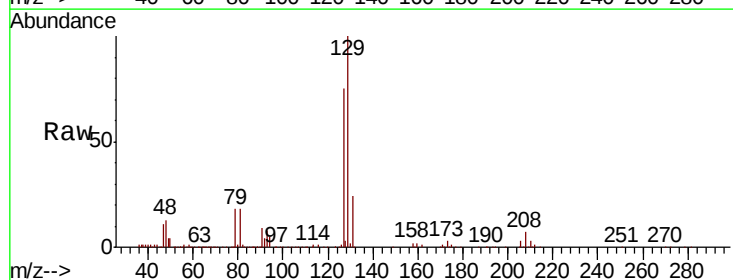
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

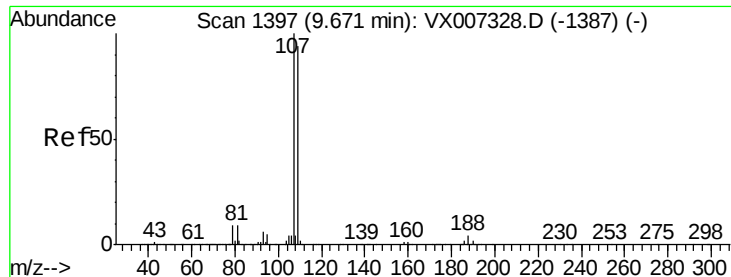
Tgt Ion: 43 Resp: 470170
Ion Ratio Lower Upper
43 100
58 52.8 27.1 81.3



#60
Dibromochloromethane
Concen: 19.937 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion: 129 Resp: 87328
Ion Ratio Lower Upper
129 100
127 78.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.055 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

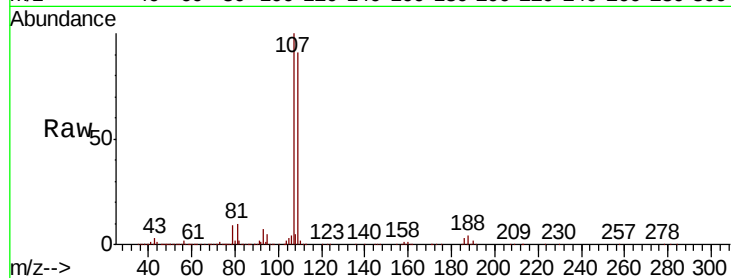
VX0218WBSD01

Tgt Ion: 107 Resp: 93458

Ion Ratio Lower Upper

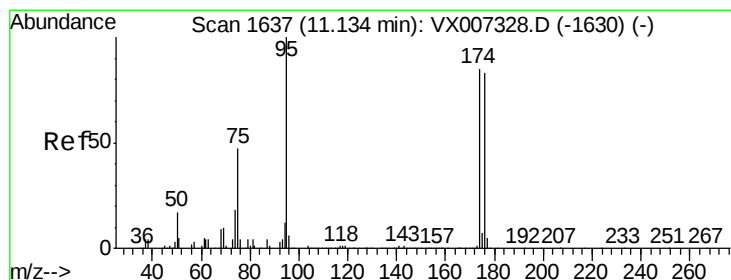
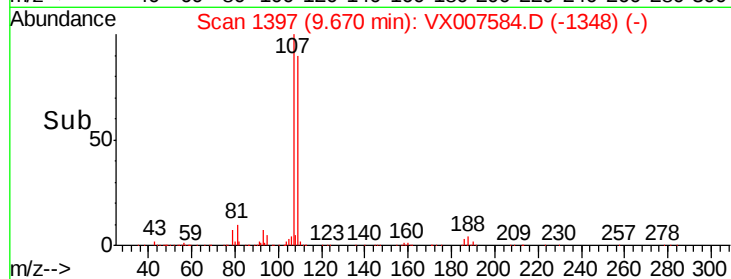
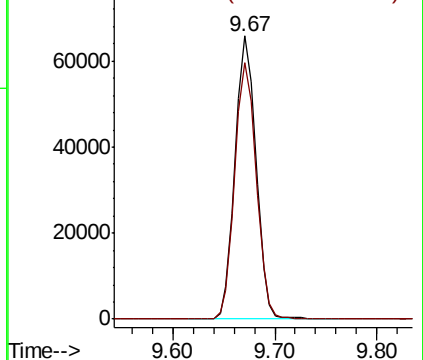
107 100

109 93.2 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.567 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

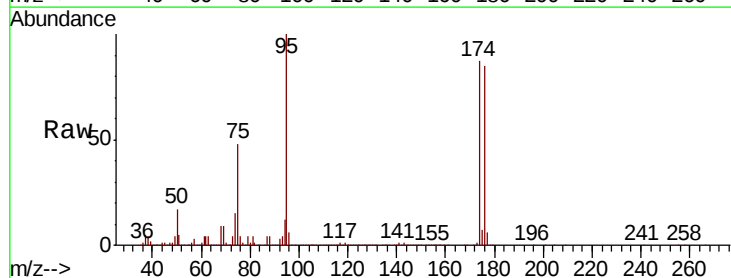
Tgt Ion: 95 Resp: 261680

Ion Ratio Lower Upper

95 100

174 93.5 0.0 189.2

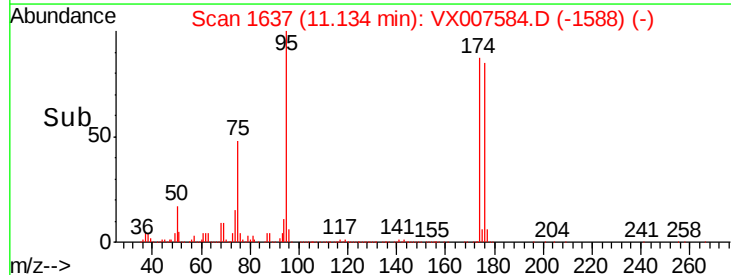
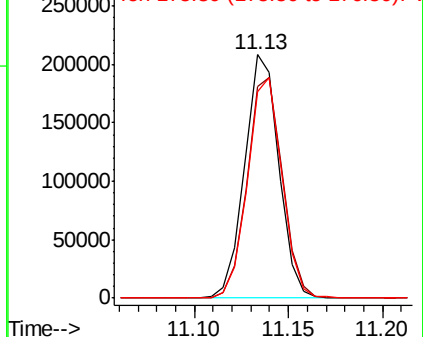
176 91.2 0.0 186.2

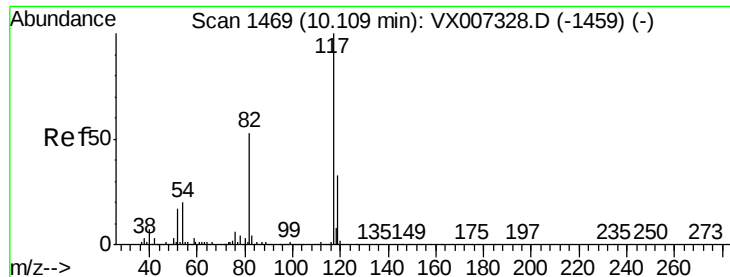


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

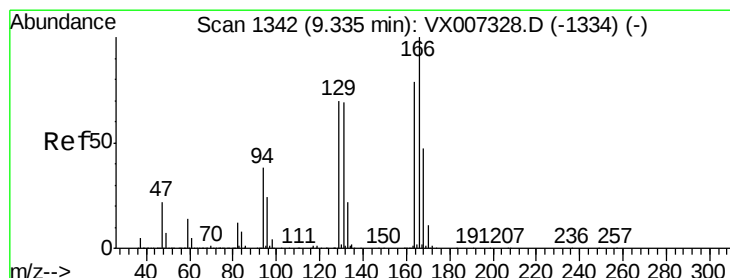
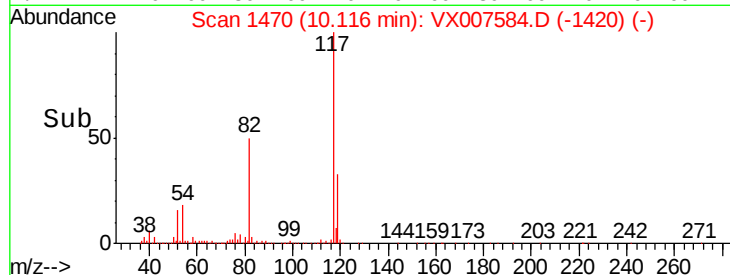
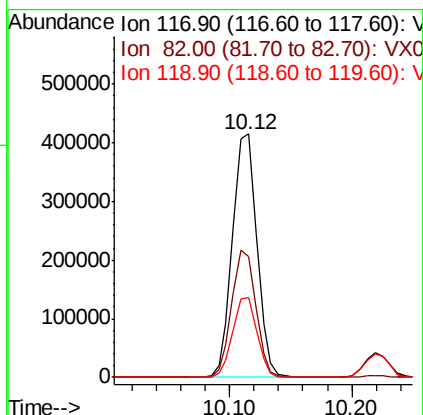
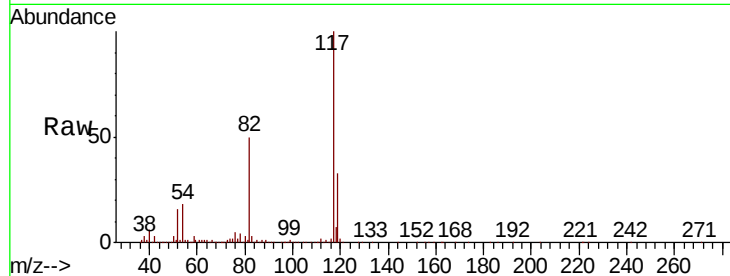




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

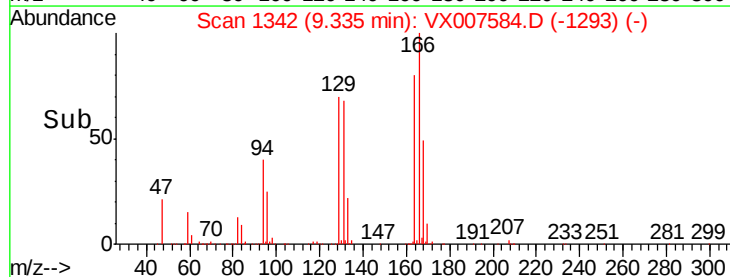
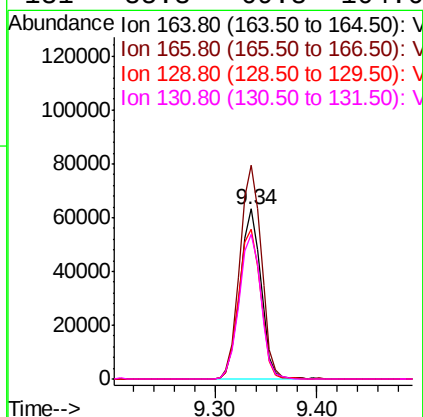
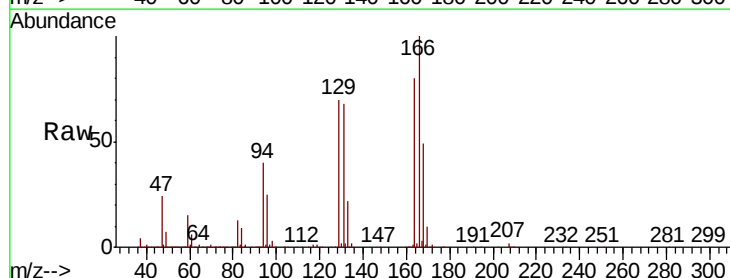
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tgt Ion:117 Resp: 574471
Ion Ratio Lower Upper
117 100
82 49.5 42.1 63.1
119 32.6 26.5 39.7



#64
Tetrachloroethene
Concen: 16.552 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion:164 Resp: 89620
Ion Ratio Lower Upper
164 100
166 125.5 101.0 151.4
129 88.3 70.5 105.7
131 85.3 69.8 104.6

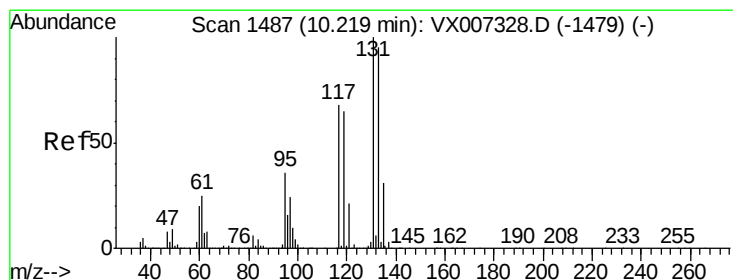
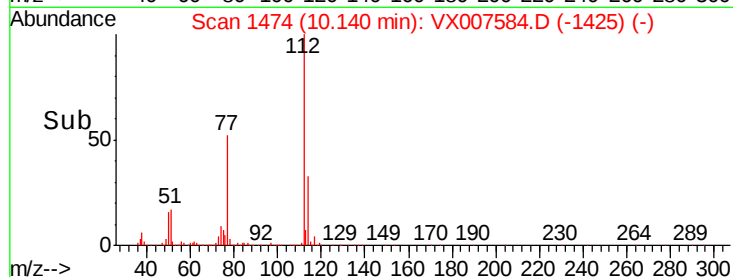
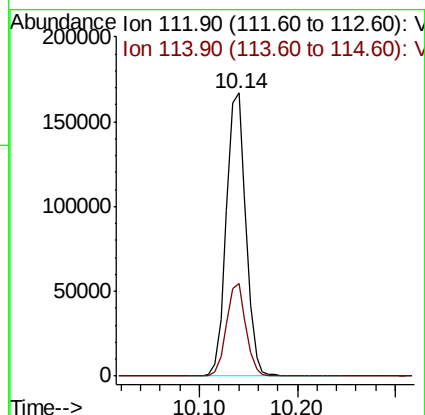
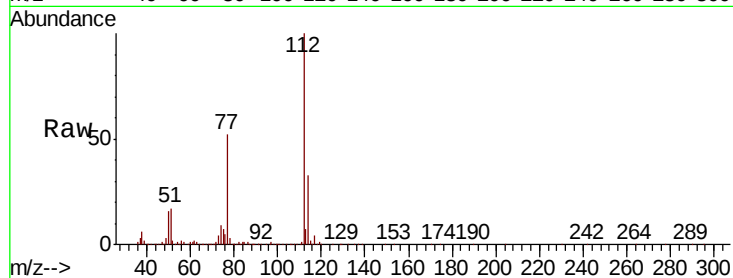




#65
Chlorobenzene
Concen: 18.512 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

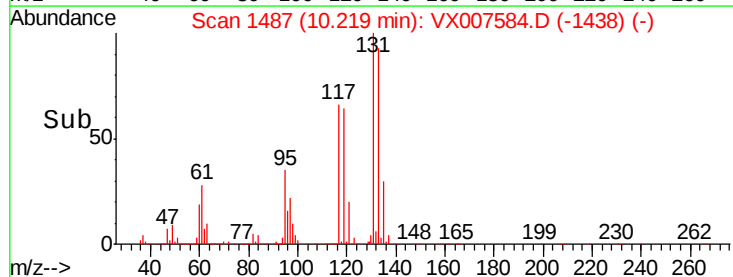
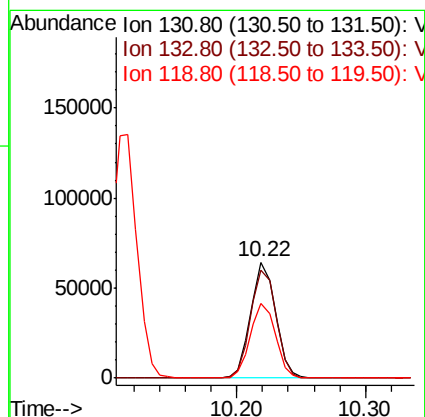
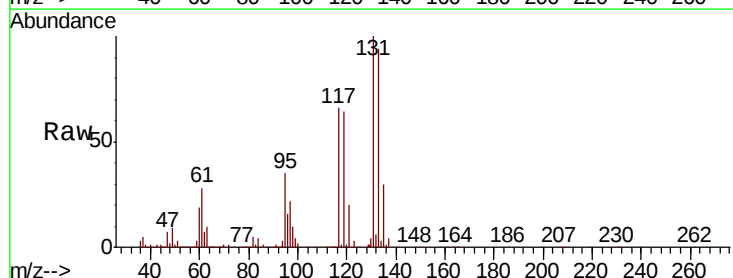
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

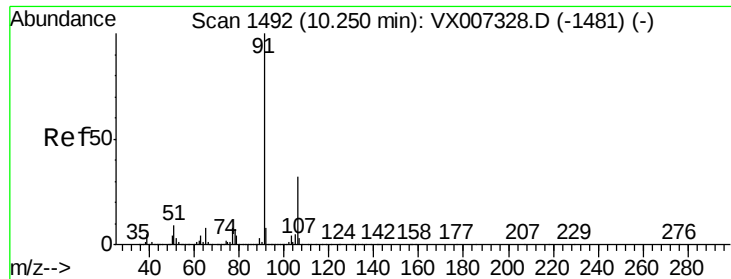
Tgt Ion:112 Resp: 232073
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.394 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion:131 Resp: 85715
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.2
119 65.4 32.0 96.0





#67

Ethyl Benzene

Concen: 18.524 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

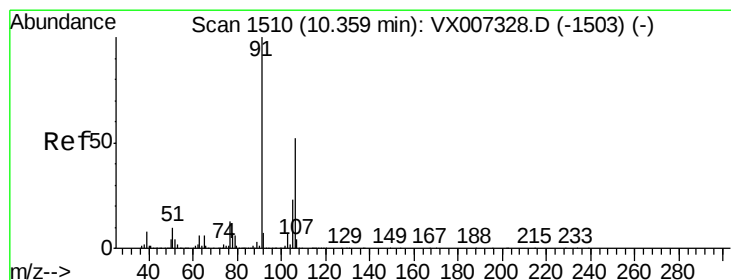
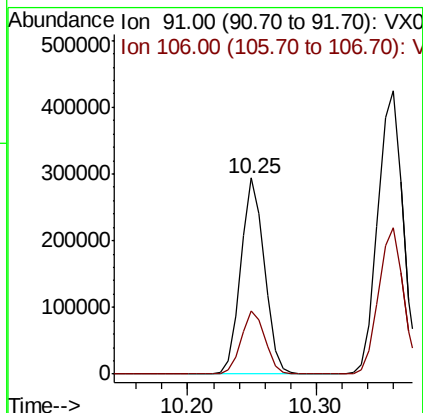
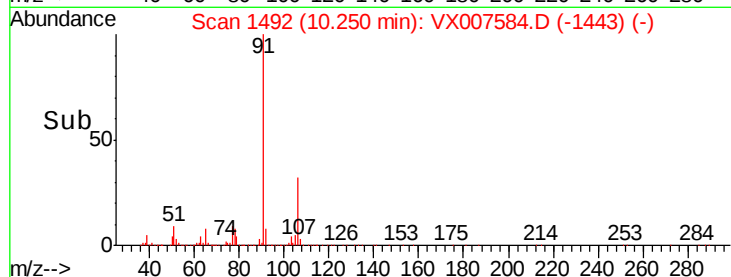
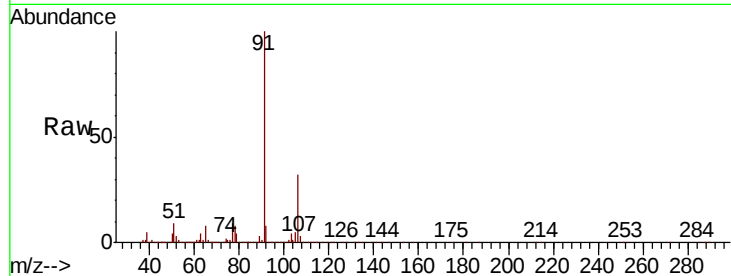
VX0218WBSD01

Tgt Ion: 91 Resp: 373960

Ion Ratio Lower Upper

91 100

106 32.0 25.4 38.0



#68

m/p-Xylenes

Concen: 36.264 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007584.D

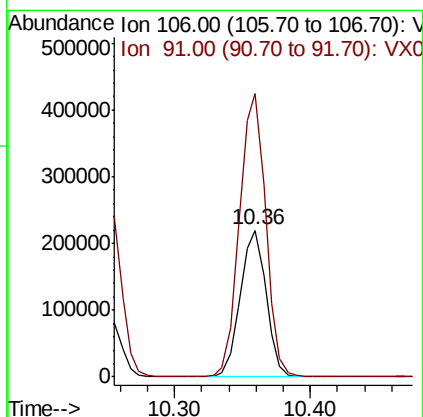
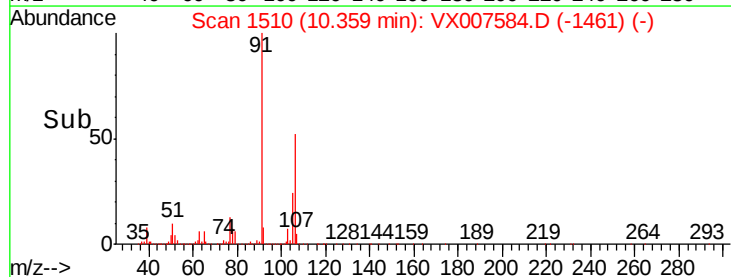
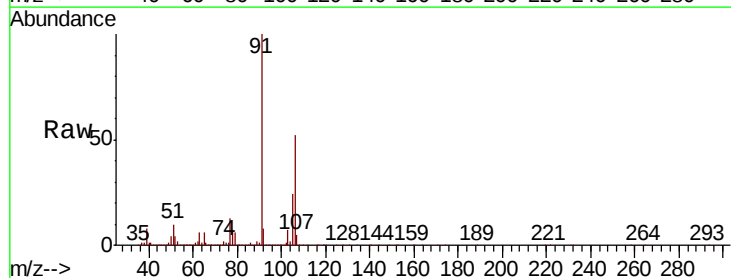
Acq: 18 Feb 2019 13:18

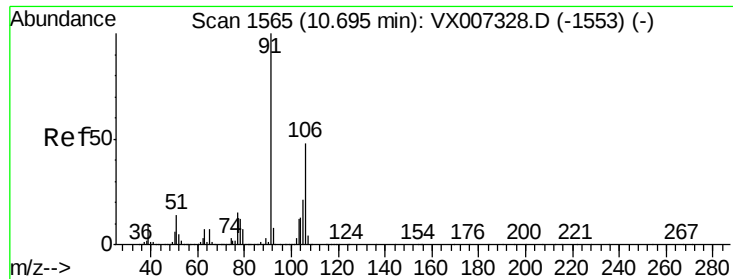
Tgt Ion: 106 Resp: 291019

Ion Ratio Lower Upper

106 100

91 196.0 156.6 234.8

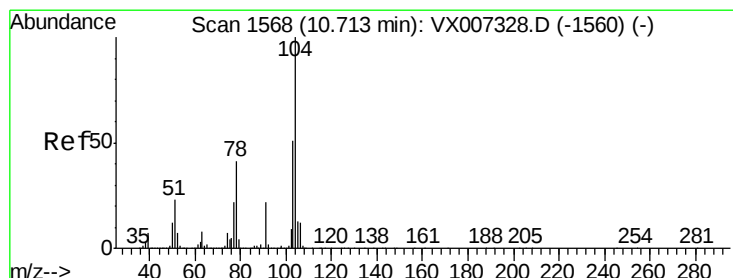
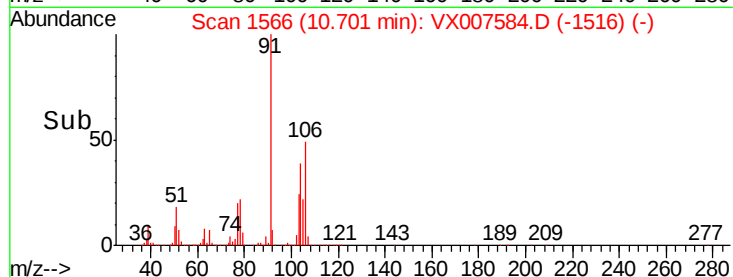
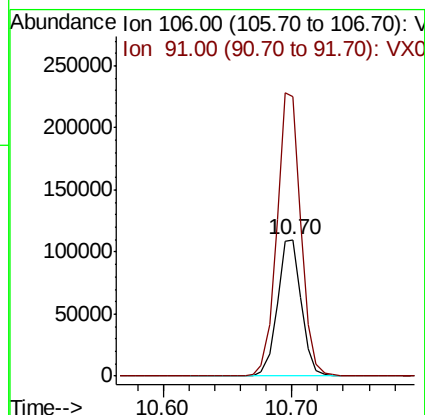
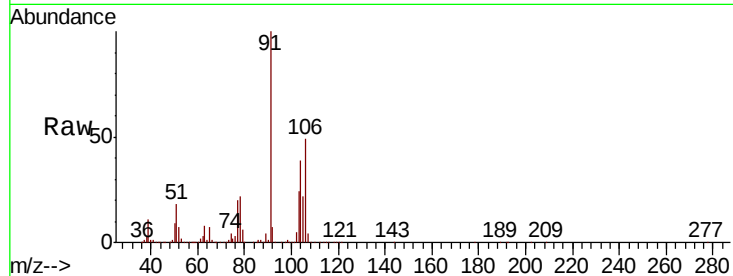




#69
o-Xylene
Concen: 18.515 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

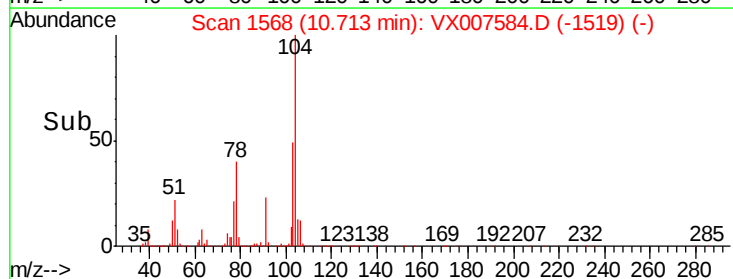
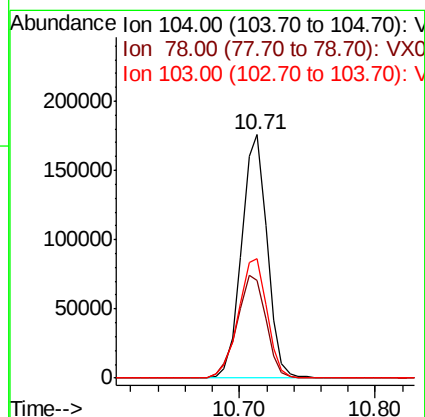
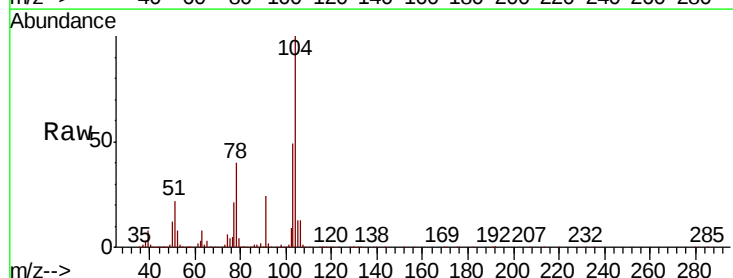
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

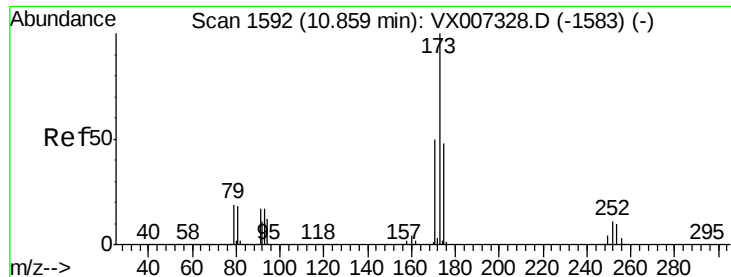
Tgt Ion:106 Resp: 142973
Ion Ratio Lower Upper
106 100
91 207.9 102.9 308.7



#70
Styrene
Concen: 18.434 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion:104 Resp: 230849
Ion Ratio Lower Upper
104 100
78 47.9 38.3 57.5
103 55.1 44.6 67.0





#71

Bromoform

Concen: 20.214 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

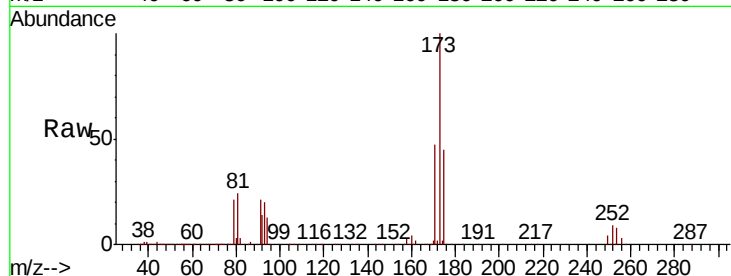
Tgt Ion:173 Resp: 64892

Ion Ratio Lower Upper

173 100

175 48.0 24.2 72.6

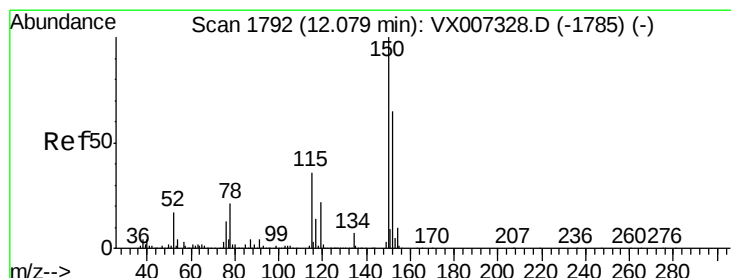
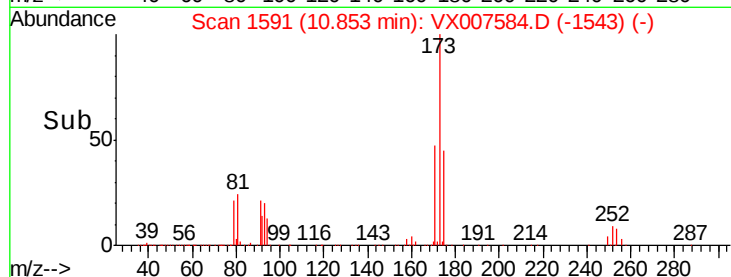
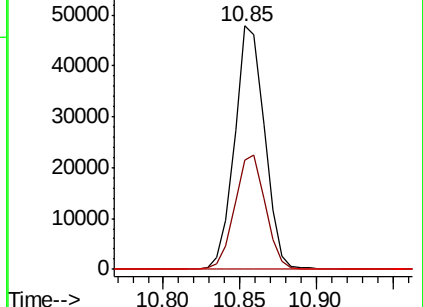
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

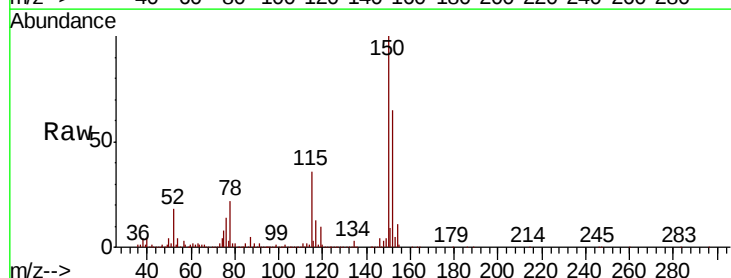
Tgt Ion:152 Resp: 291454

Ion Ratio Lower Upper

152 100

115 63.7 38.0 114.0

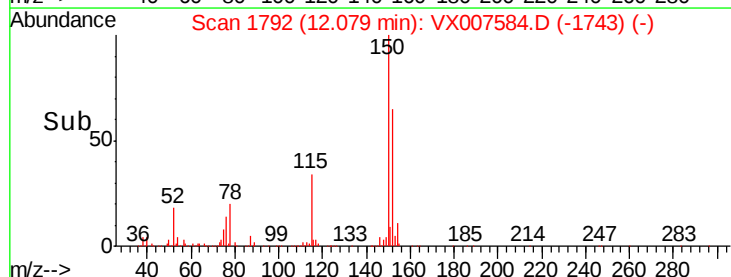
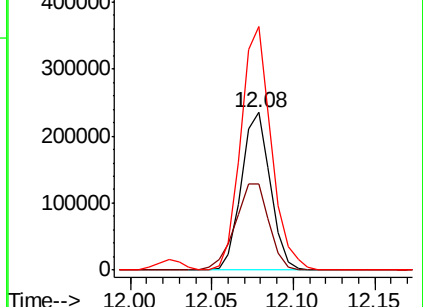
150 161.9 0.0 346.4

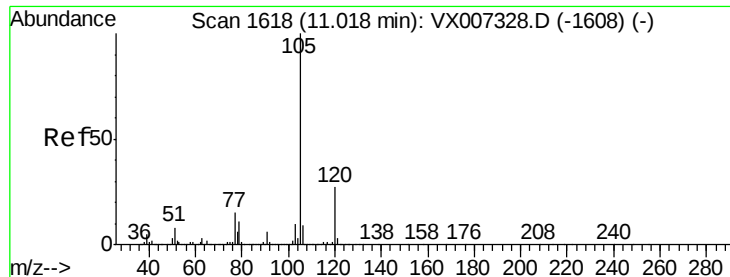


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.374 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

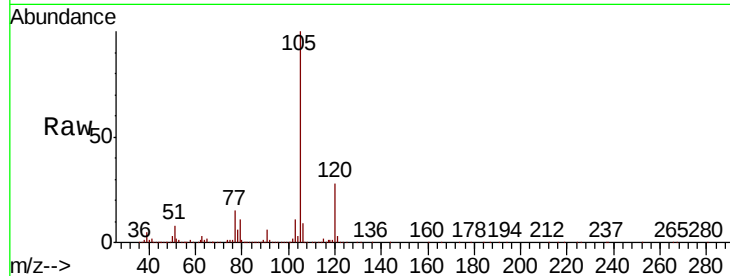
VX0218WBSD01

Tgt Ion:105 Resp: 383727

Ion Ratio Lower Upper

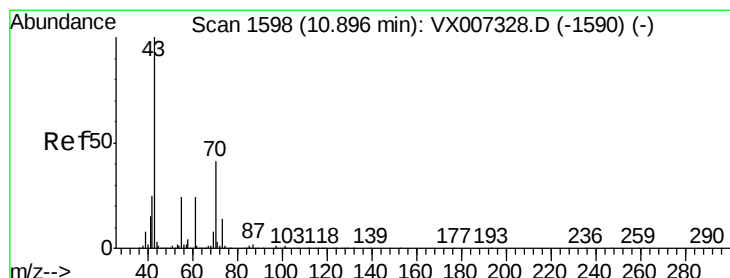
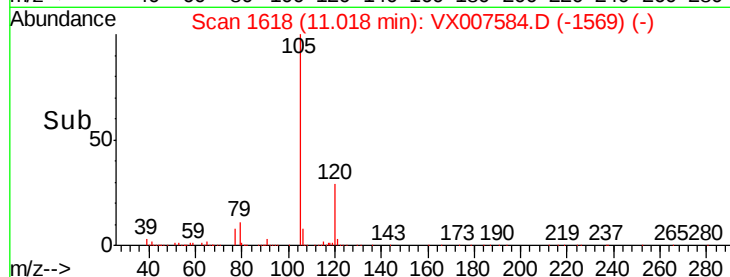
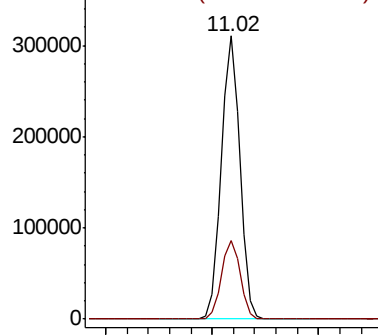
105 100

120 28.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.053 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Tgt Ion: 43 Resp: 153623

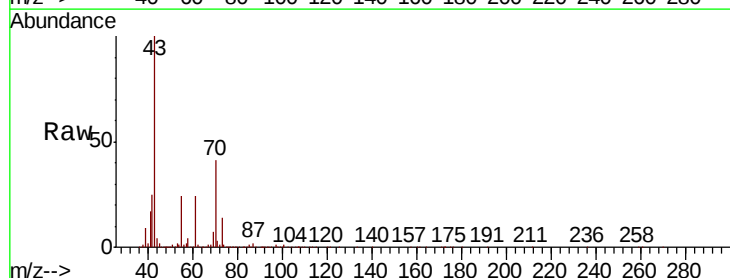
Ion Ratio Lower Upper

43 100

70 42.5 33.8 50.6

55 25.1 19.5 29.3

61 24.5 19.4 29.2

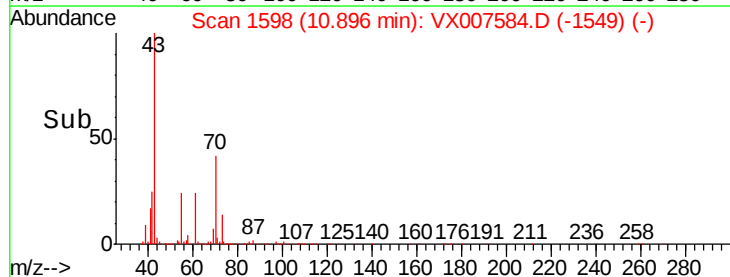
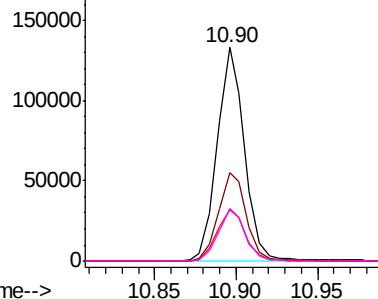


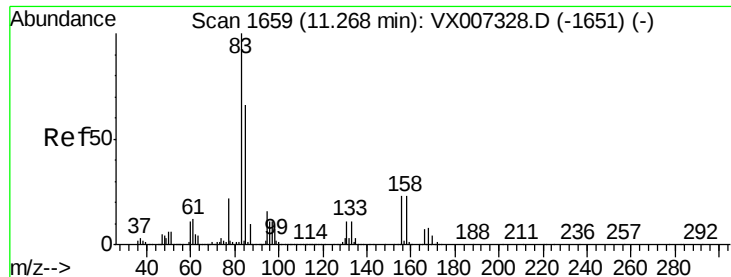
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.314 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

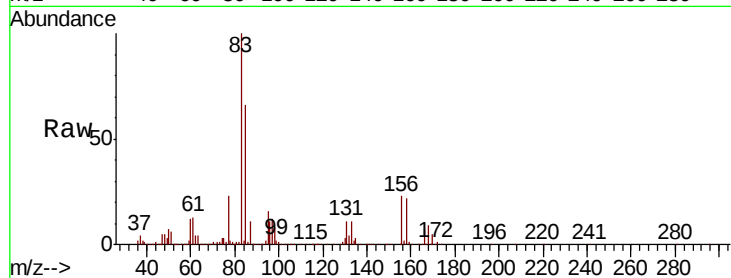
Tgt Ion: 83 Resp: 128655

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

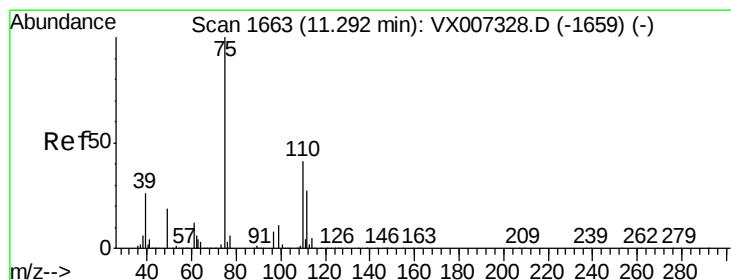
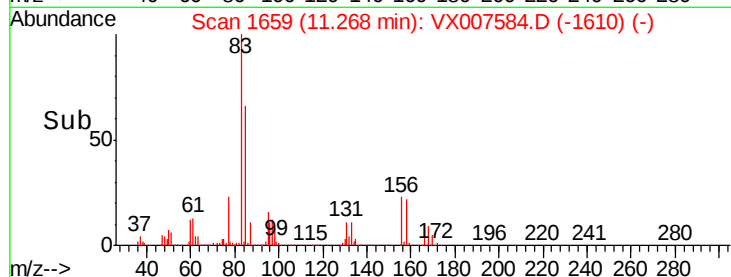
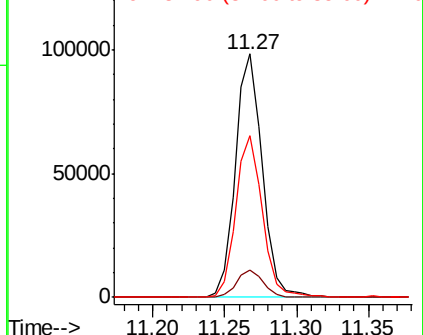
85 65.6 32.8 98.3



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: 25.004 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007584.D

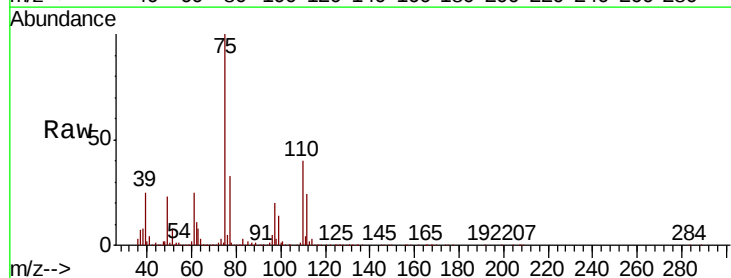
Acq: 18 Feb 2019 13:18

Tgt Ion: 75 Resp: 141753

Ion Ratio Lower Upper

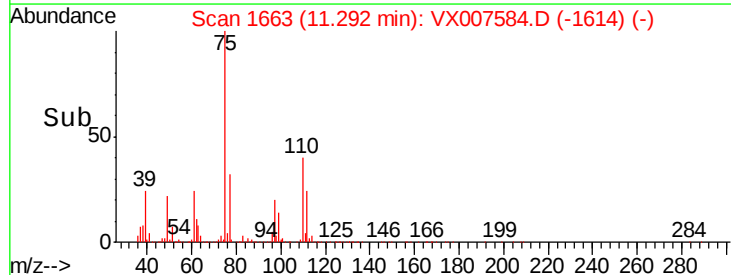
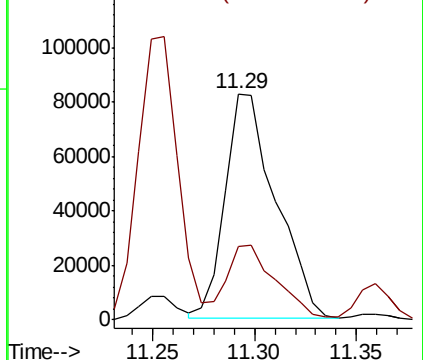
75 100

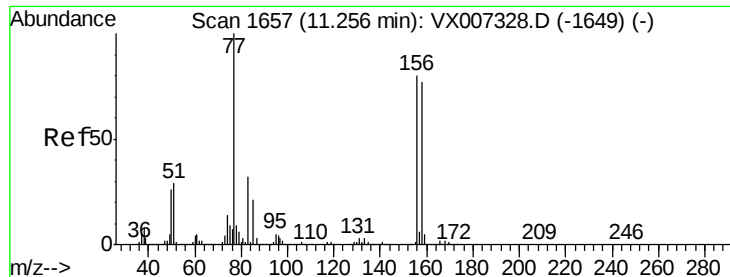
77 33.5 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.826 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

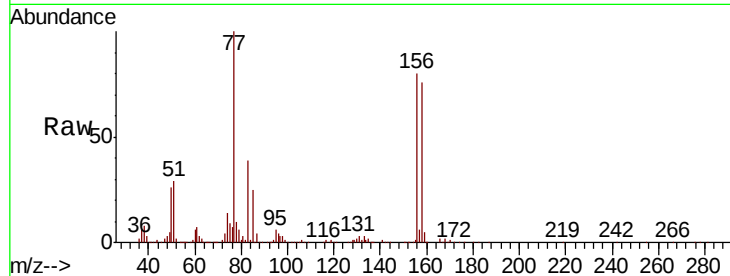
Tgt Ion:156 Resp: 105056

Ion Ratio Lower Upper

156 100

77 133.7 66.8 200.6

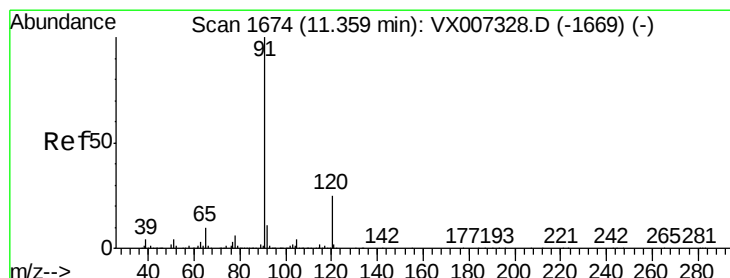
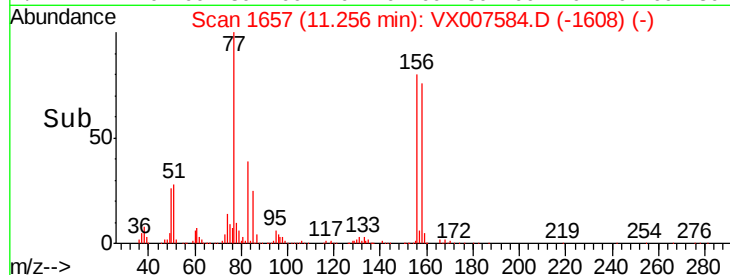
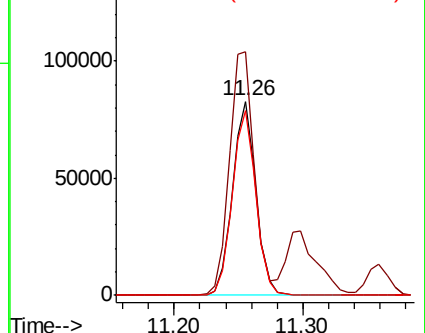
158 96.2 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.206 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007584.D

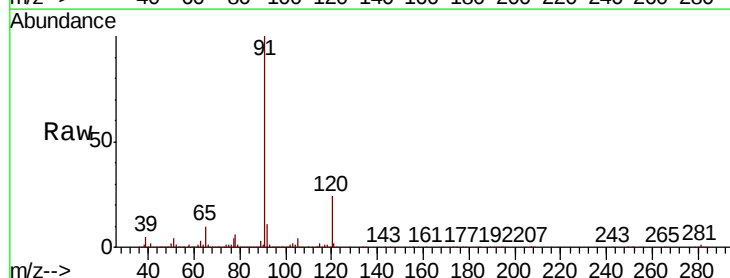
Acq: 18 Feb 2019 13:18

Tgt Ion: 91 Resp: 417133

Ion Ratio Lower Upper

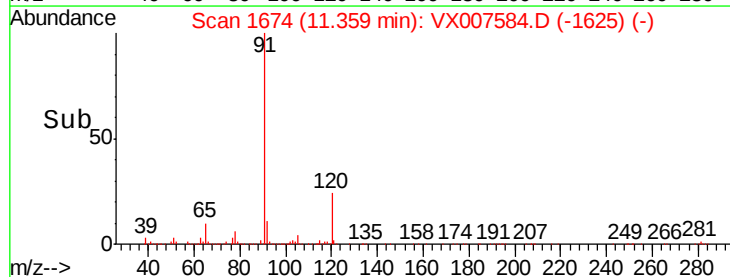
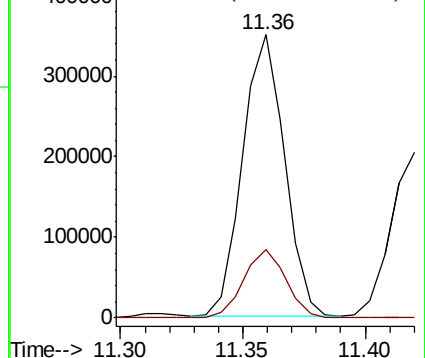
91 100

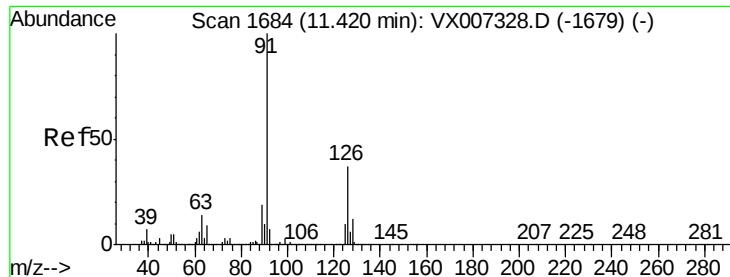
120 24.4 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.046 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

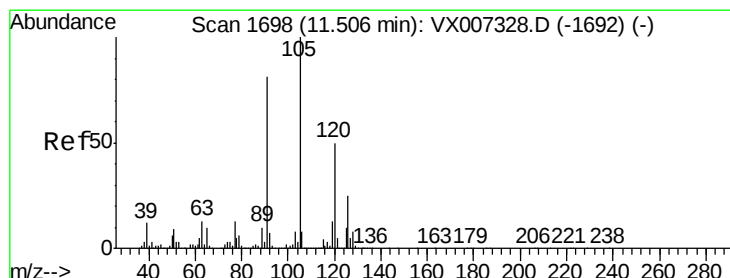
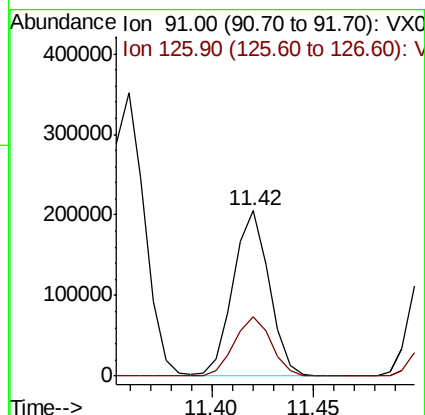
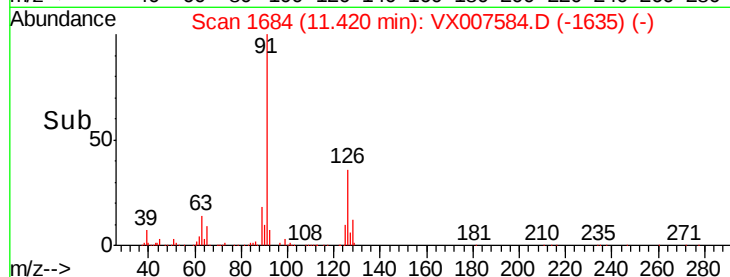
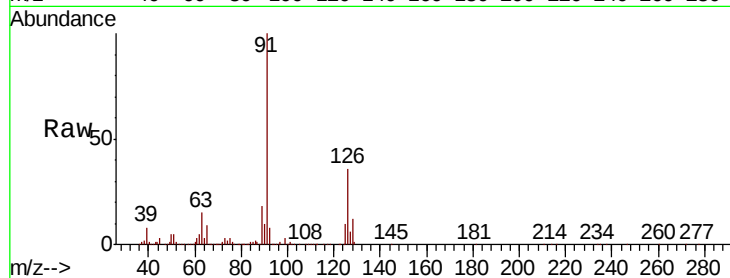
VX0218WBSD01

Tgt Ion: 91 Resp: 250993

Ion Ratio Lower Upper

91 100

126 36.7 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 19.223 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007584.D

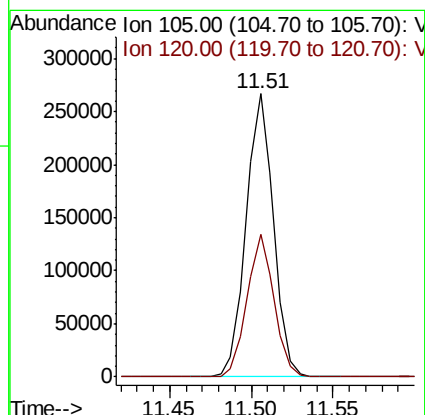
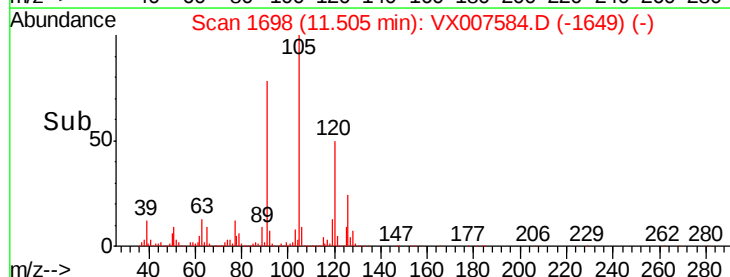
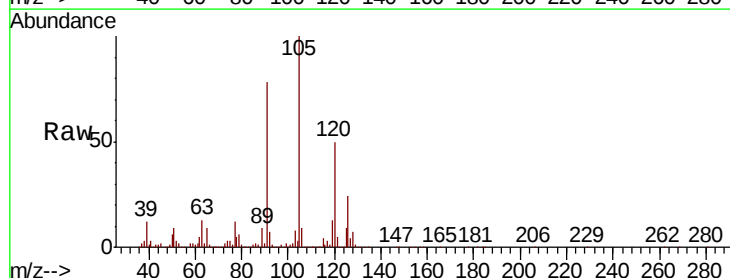
Acq: 18 Feb 2019 13:18

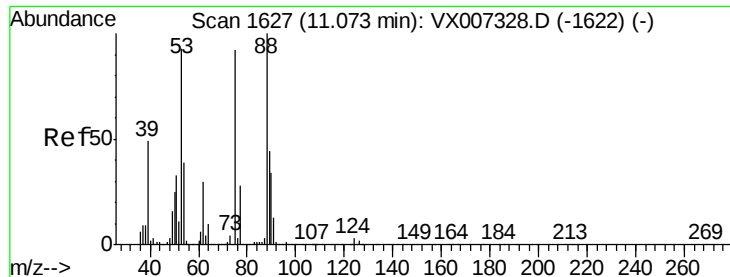
Tgt Ion: 105 Resp: 311482

Ion Ratio Lower Upper

105 100

120 50.0 25.3 75.8

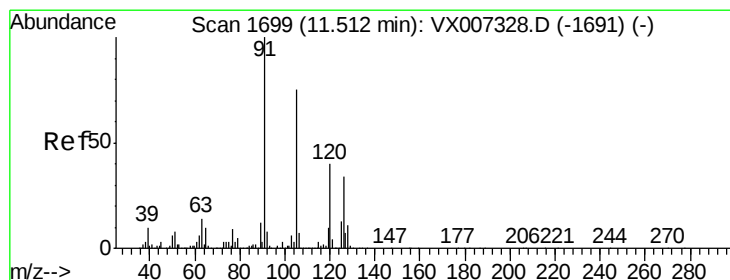
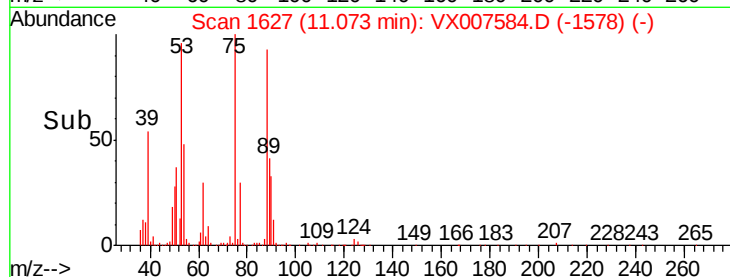
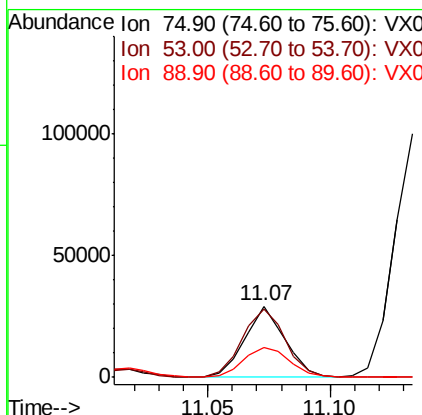
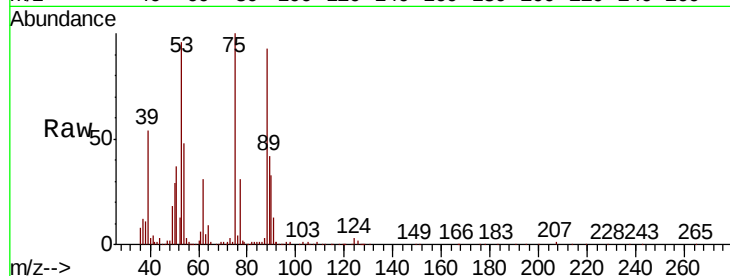




#81
trans-1,4-Dichloro-2-butene
Concen: 20.747 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

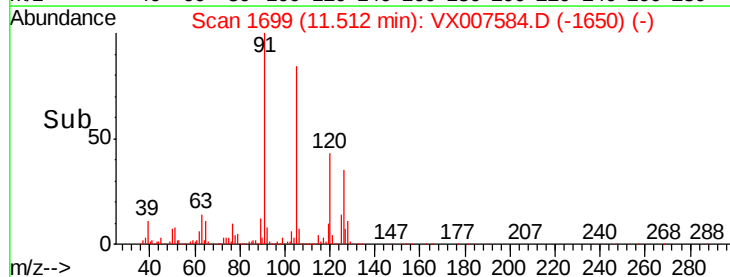
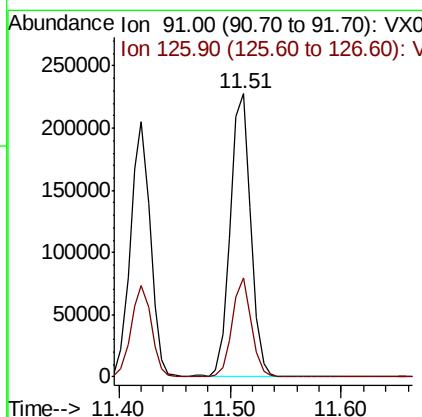
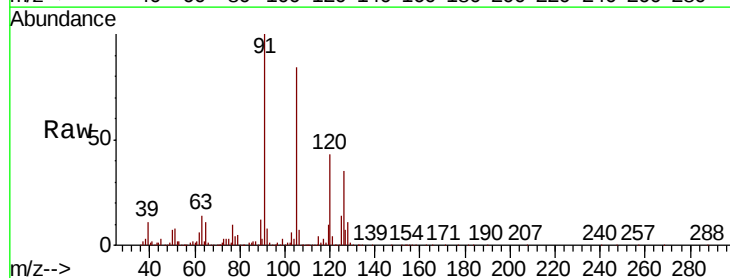
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

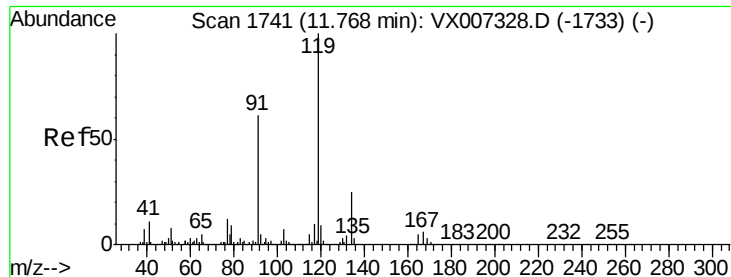
Tgt Ion: 75 Resp: 33096
Ion Ratio Lower Upper
75 100
53 105.0 81.0 121.6
89 49.2 41.4 62.0



#82
4-Chlorotoluene
Concen: 18.964 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion: 91 Resp: 289177
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.5





#83

tert-Butylbenzene

Concen: 19.442 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

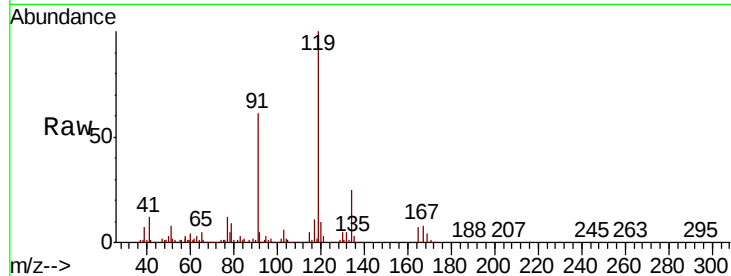
Tgt Ion:119 Resp: 311896

Ion Ratio Lower Upper

119 100

91 56.1 28.5 85.6

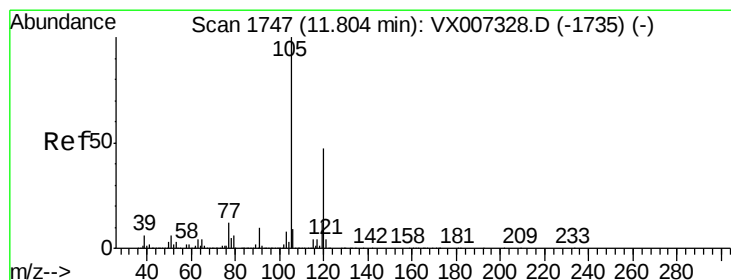
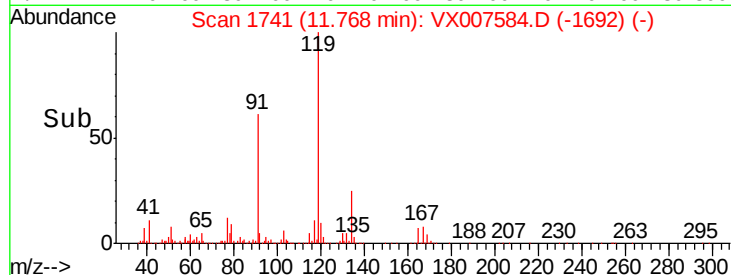
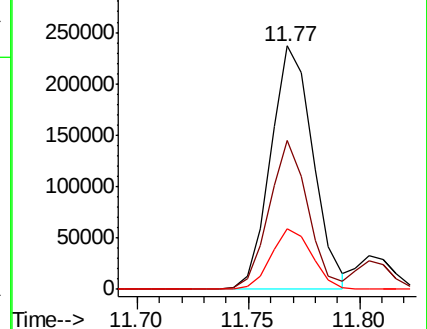
134 24.1 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.333 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007584.D

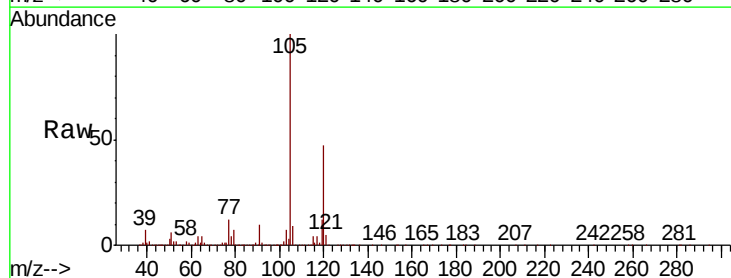
Acq: 18 Feb 2019 13:18

Tgt Ion:105 Resp: 318030

Ion Ratio Lower Upper

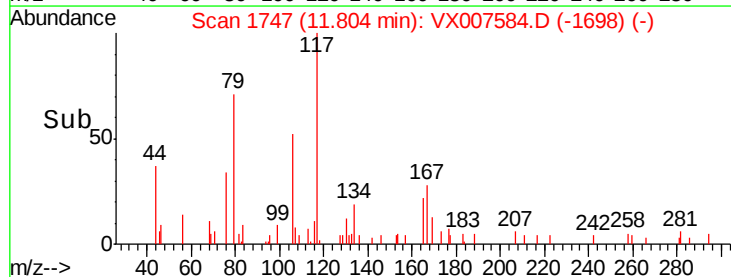
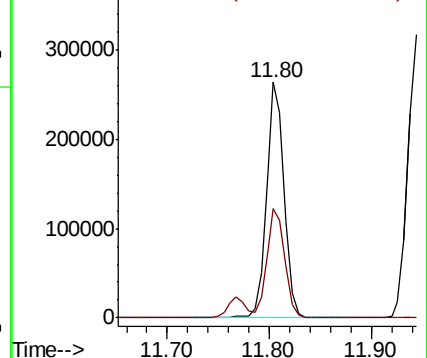
105 100

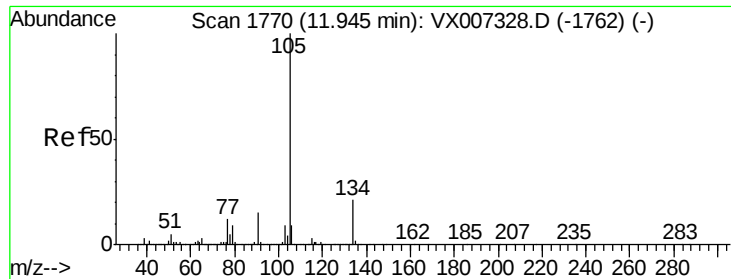
120 47.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.298 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

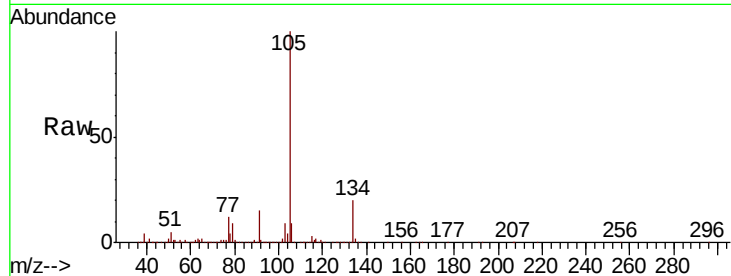
VX0218WBSD01

Tgt Ion:105 Resp: 374694

Ion Ratio Lower Upper

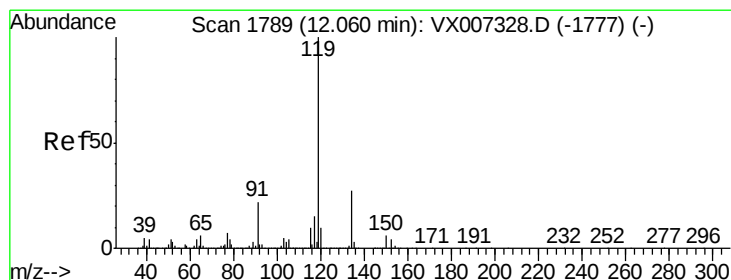
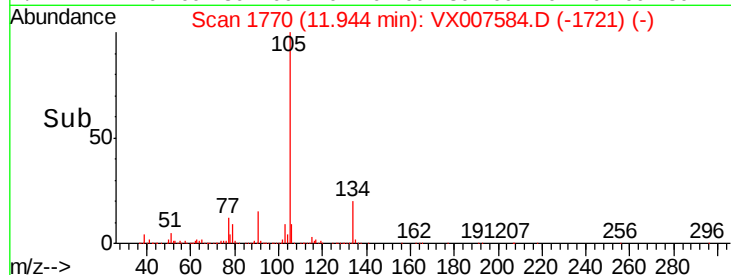
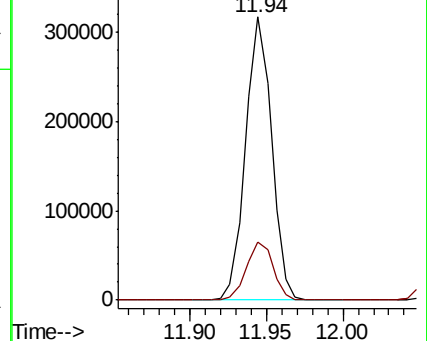
105 100

134 21.1 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.851 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

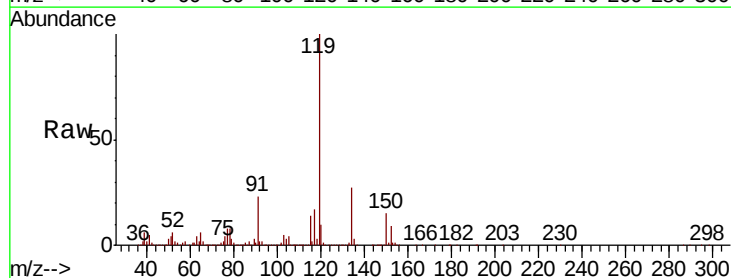
Tgt Ion:119 Resp: 330411

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

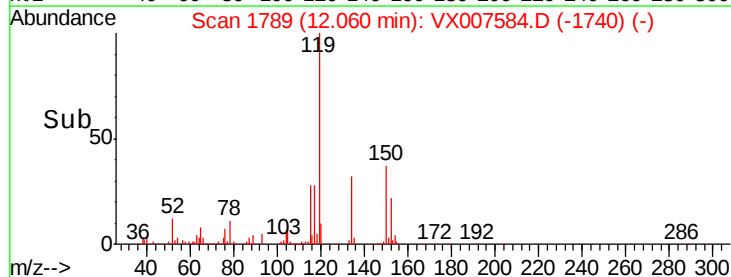
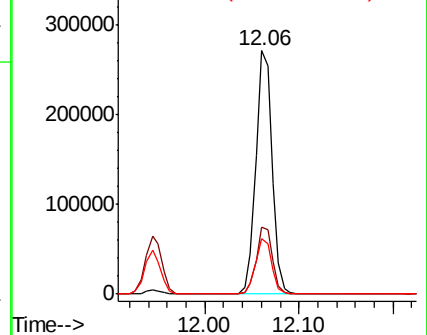
91 22.8 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

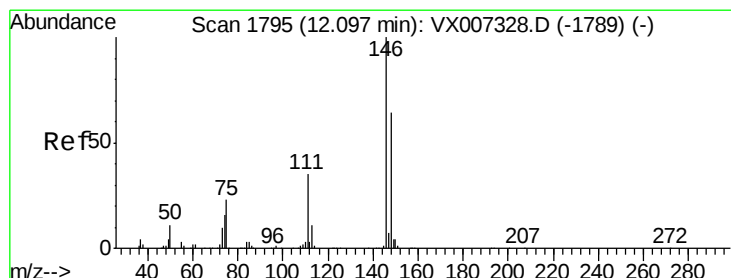
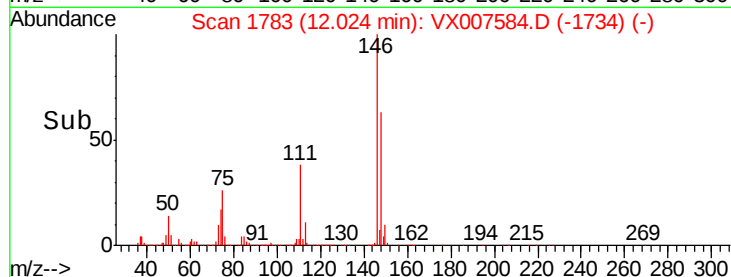
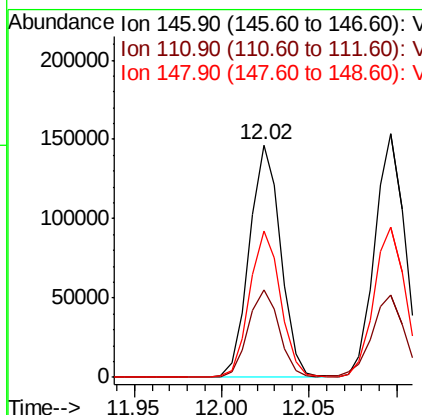
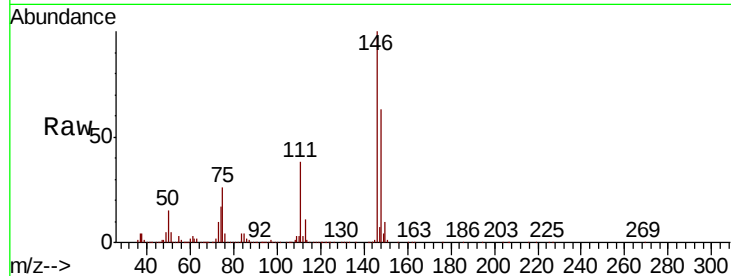




#87
 1,3-Dichlorobenzene
 Concen: 18.246 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

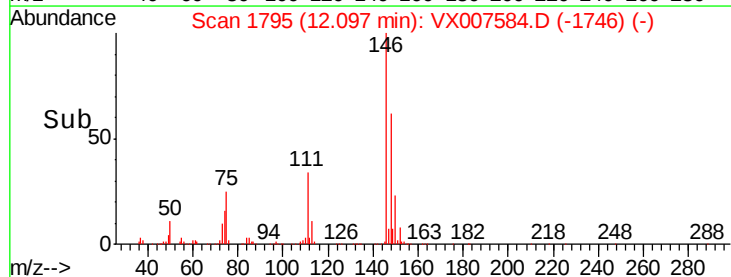
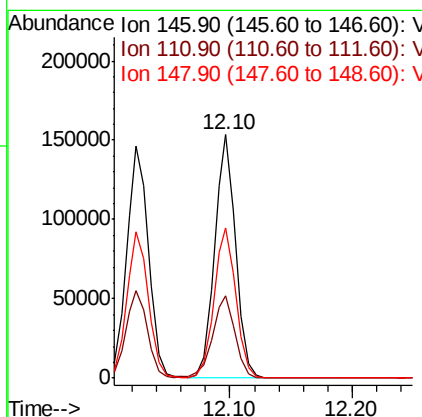
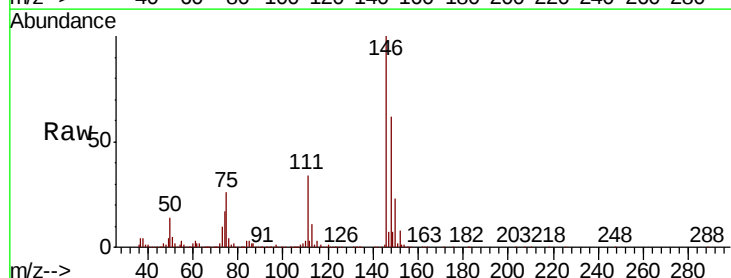
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

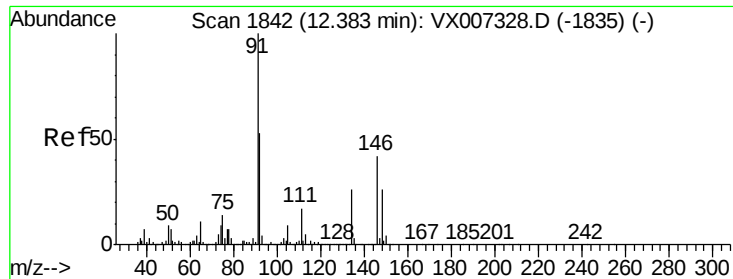
Tgt Ion:146 Resp: 182732
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.1 54.1
 148 62.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.117 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Tgt Ion:146 Resp: 184077
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.1 54.1
 148 64.1 32.3 96.9

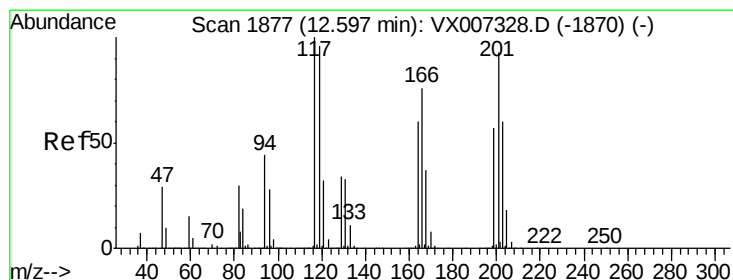
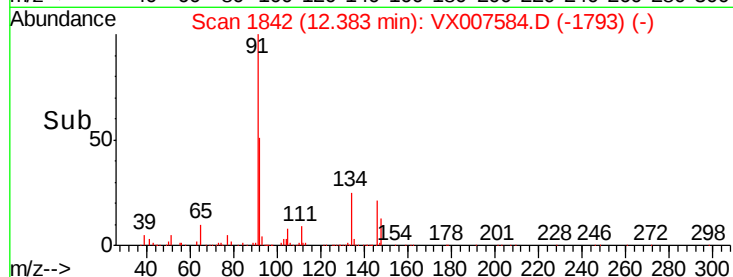
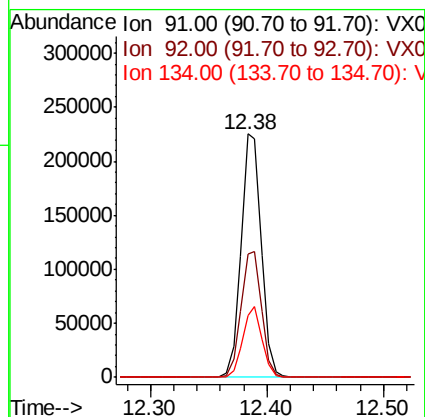
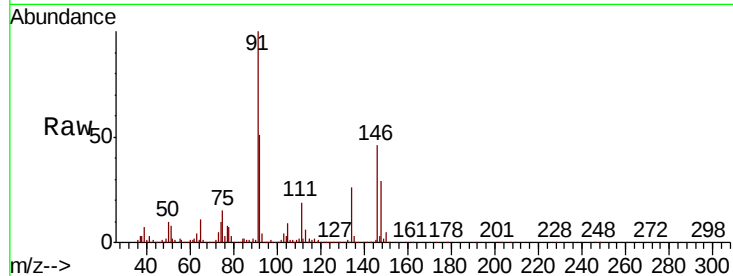




#89
n-Butylbenzene
Concen: 18.054 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

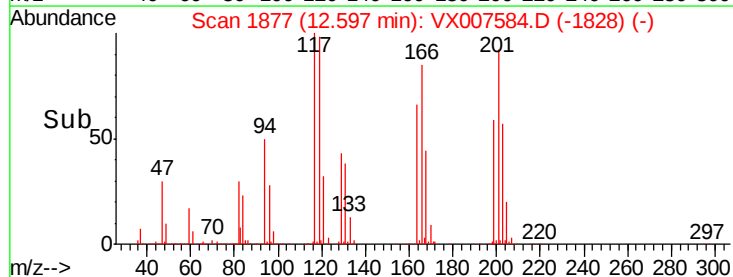
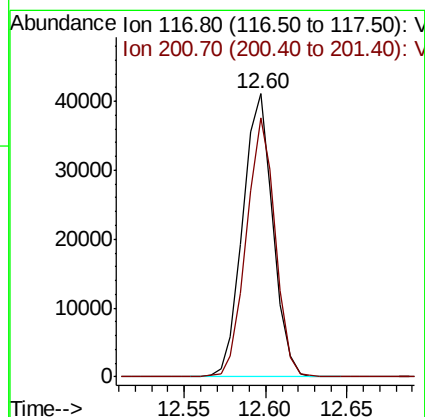
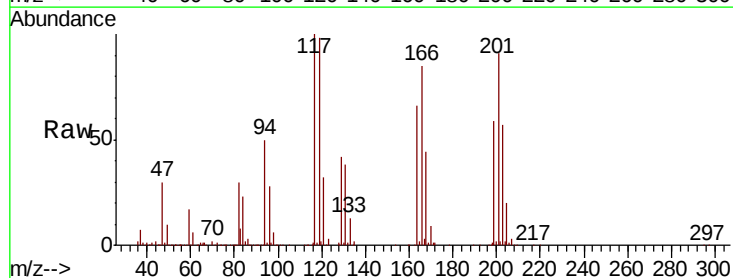
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

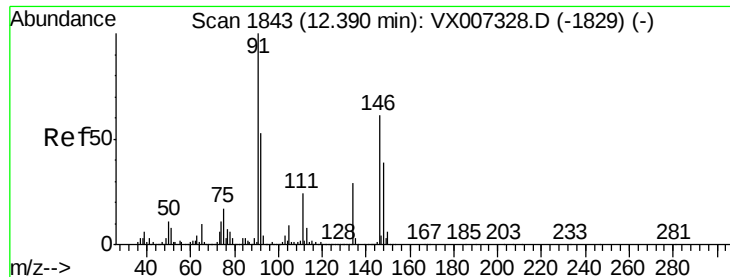
Tgt Ion: 91 Resp: 272210
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.9
134 28.0 13.9 41.6



#90
Hexachloroethane
Concen: 20.219 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007584.D
Acq: 18 Feb 2019 13:18

Tgt Ion: 117 Resp: 53037
Ion Ratio Lower Upper
117 100
201 87.4 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 18.746 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

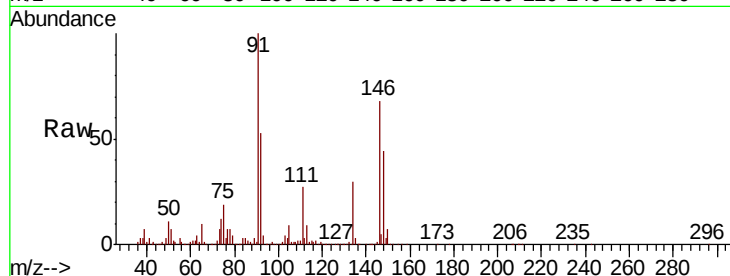
Tgt Ion:146 Resp: 186833

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.3

148 64.2 32.1 96.3

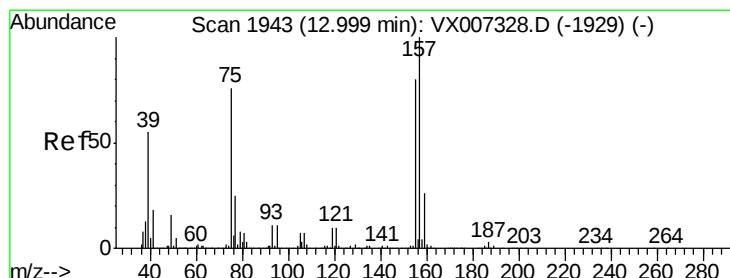
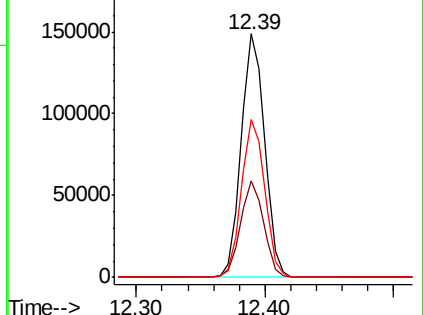
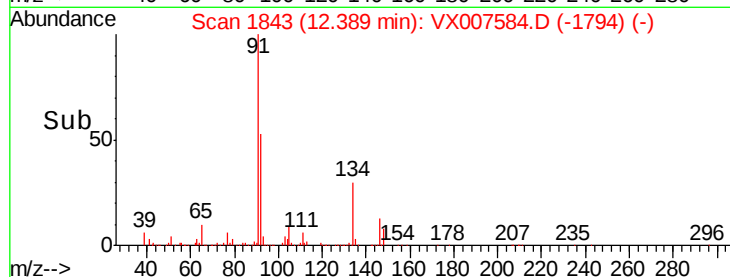


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.139 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

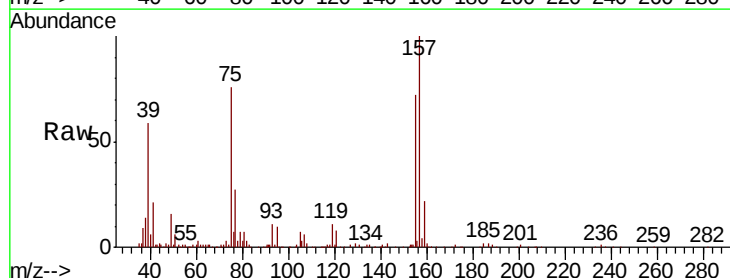
Tgt Ion: 75 Resp: 26531

Ion Ratio Lower Upper

75 100

155 99.4 49.6 149.0

157 128.5 65.1 195.3

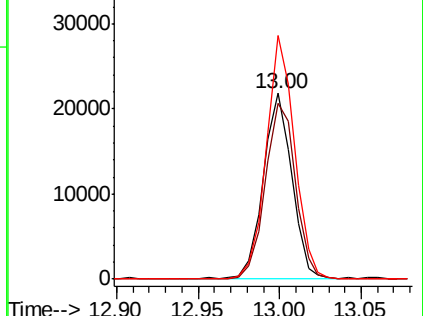
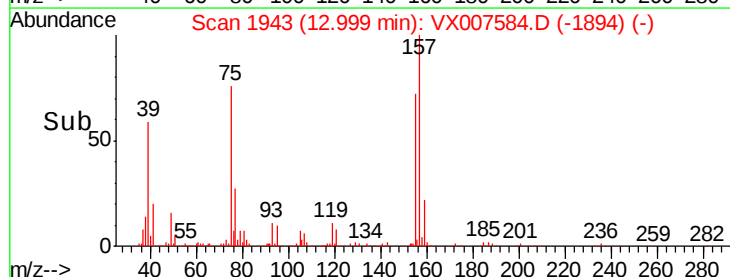


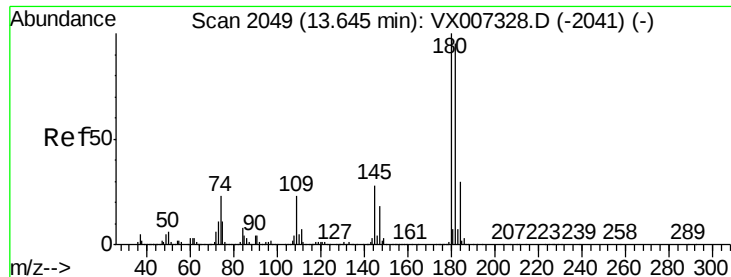
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

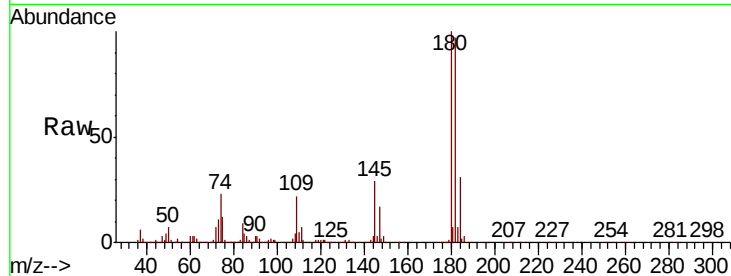




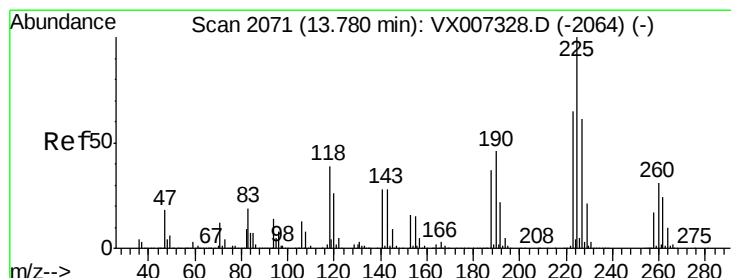
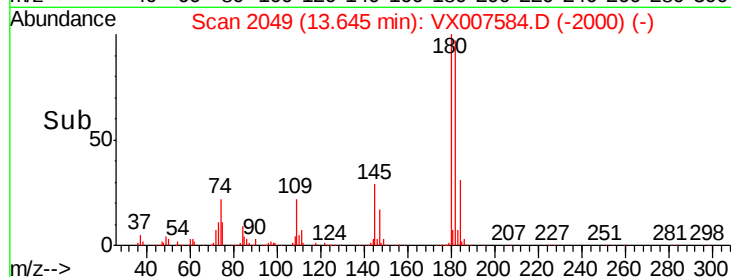
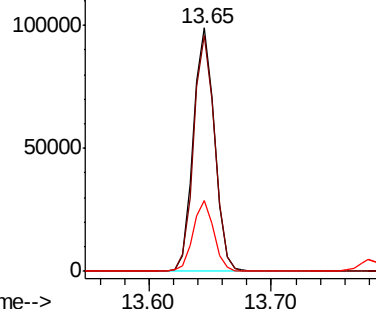
#93
 1,2,4-Trichlorobenzene
 Concen: 17.681 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tgt Ion:180 Resp: 118846
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.8 143.3
 145 28.8 14.1 42.2

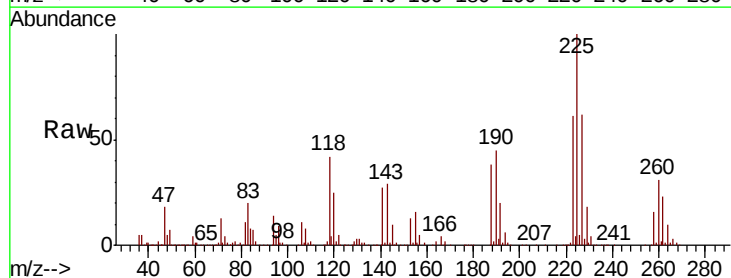


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

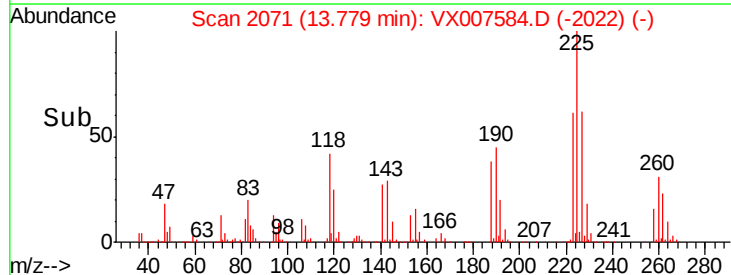
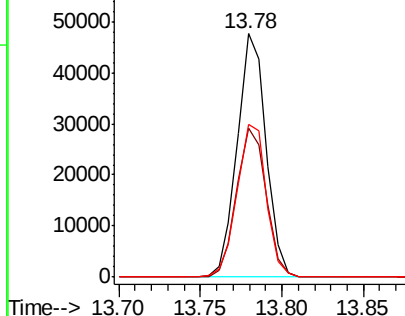


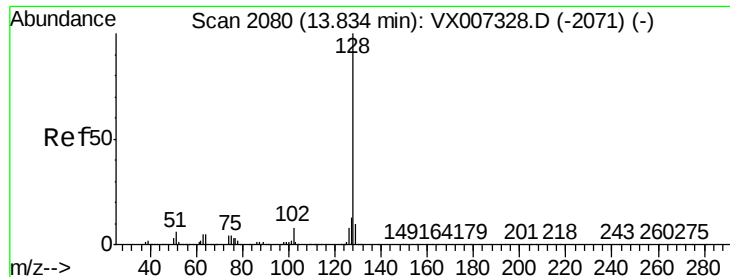
#94
 Hexachlorobutadiene
 Concen: 18.022 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007584.D
 Acq: 18 Feb 2019 13:18

Tgt Ion:225 Resp: 58819
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 94.8
 227 63.7 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.045 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

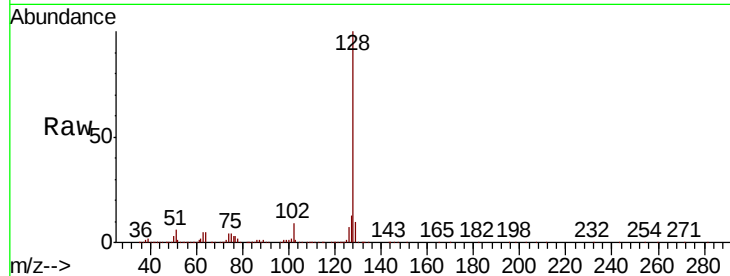
Tgt Ion:128 Resp: 374341

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.0 8.7 13.1

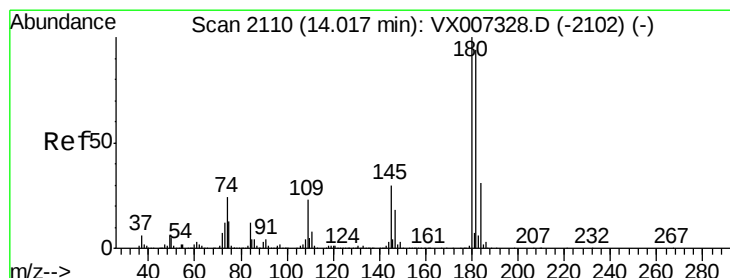
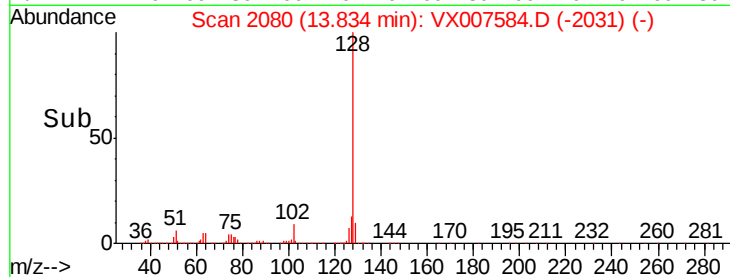
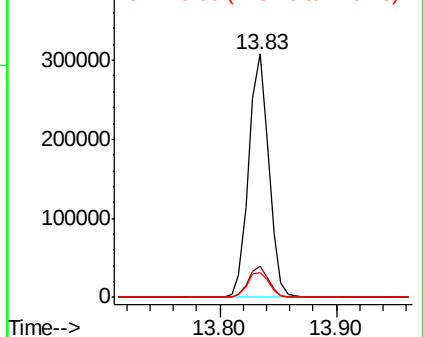


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.079 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007584.D

Acq: 18 Feb 2019 13:18

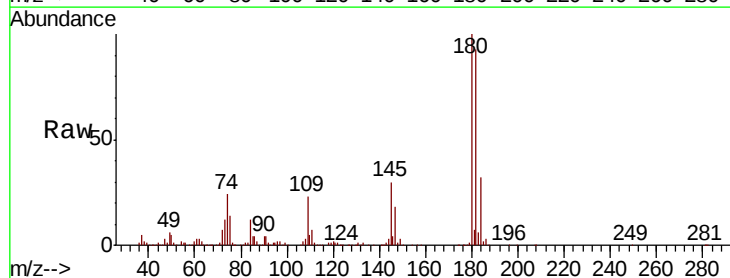
Tgt Ion:180 Resp: 122322

Ion Ratio Lower Upper

180 100

182 96.6 47.5 142.6

145 30.7 14.9 44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

